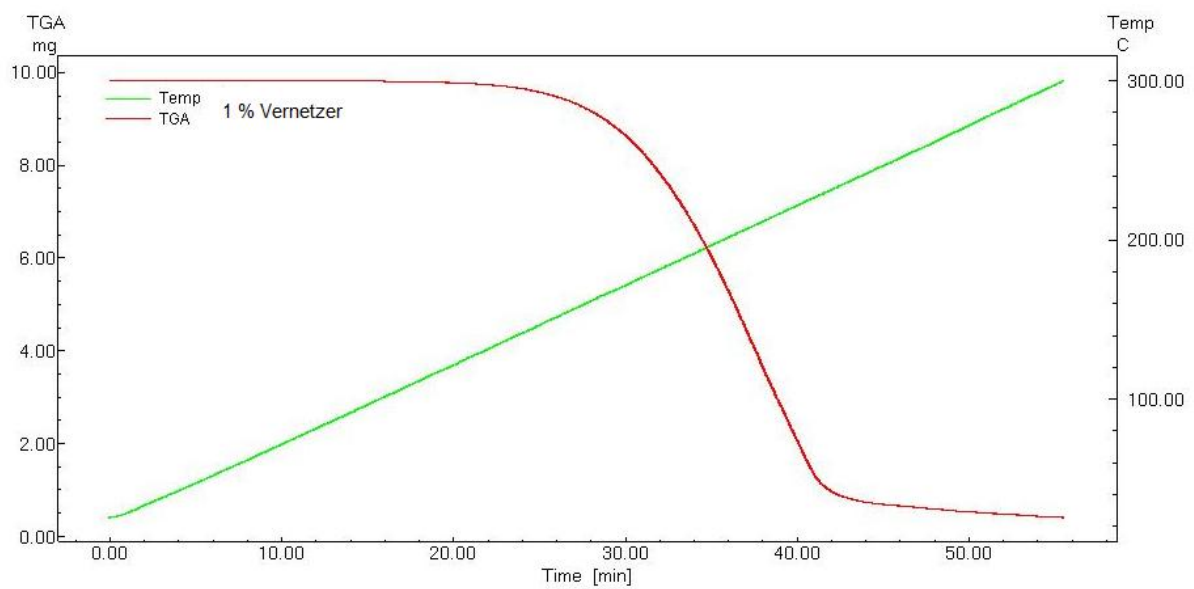
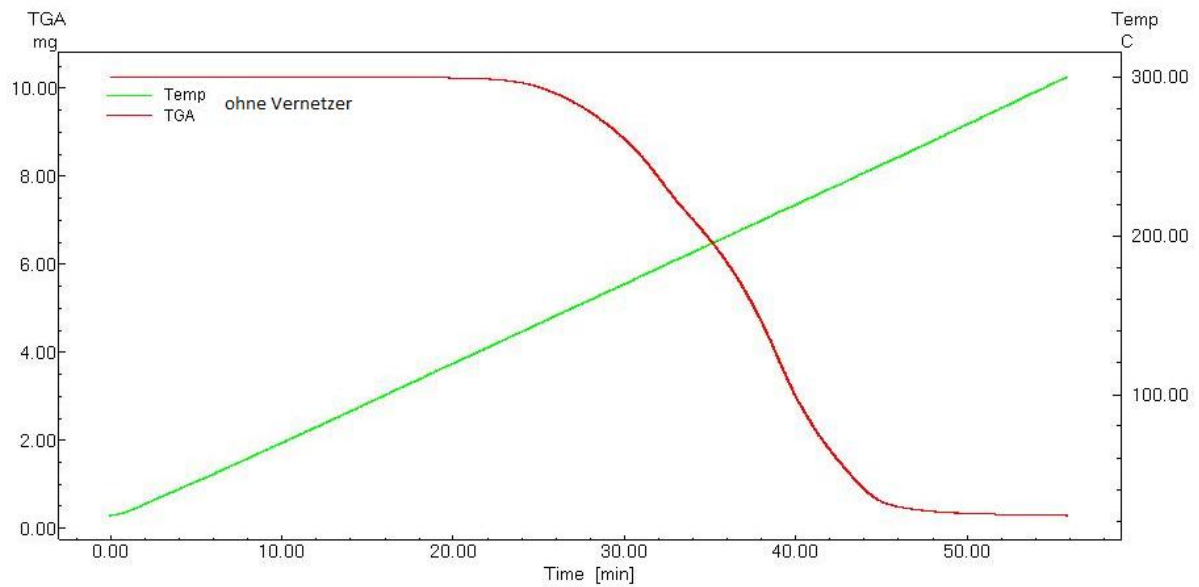
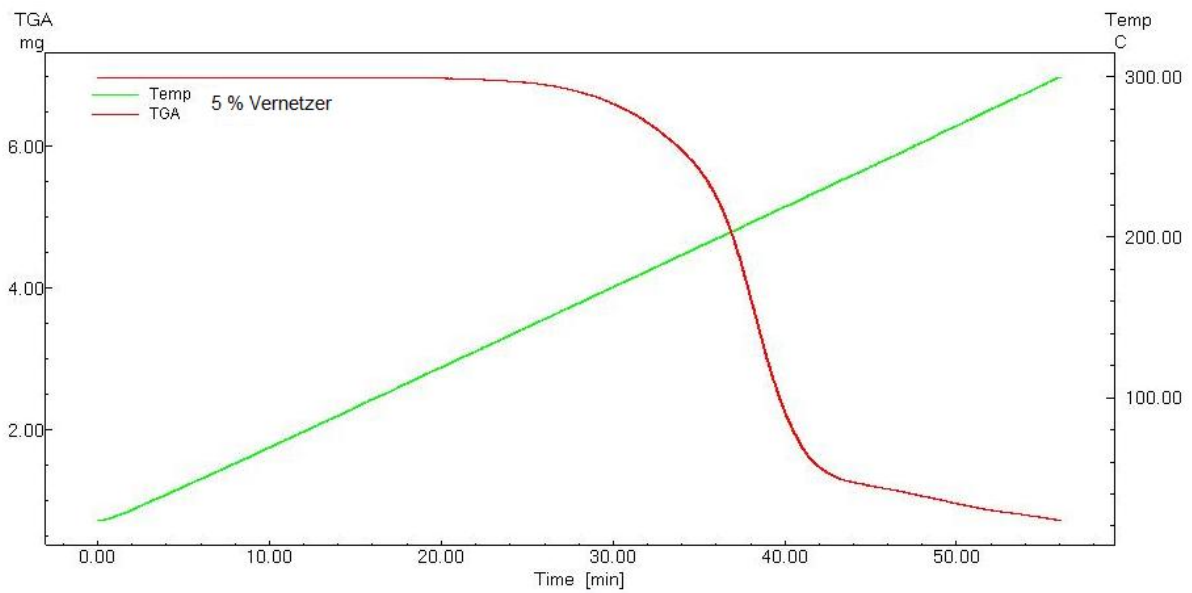
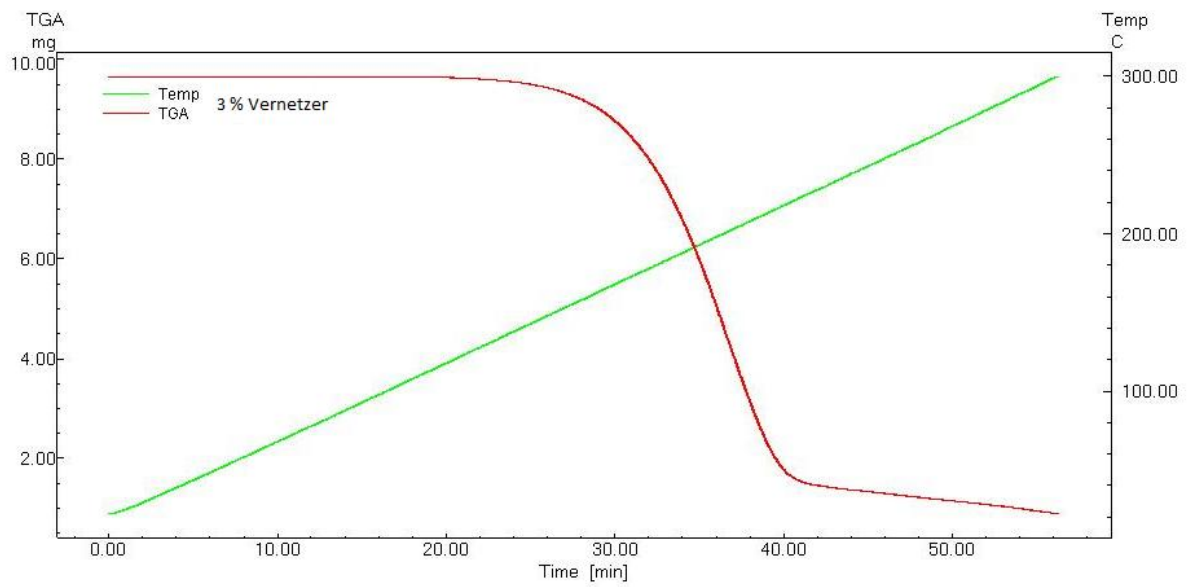


## 10 Anhang

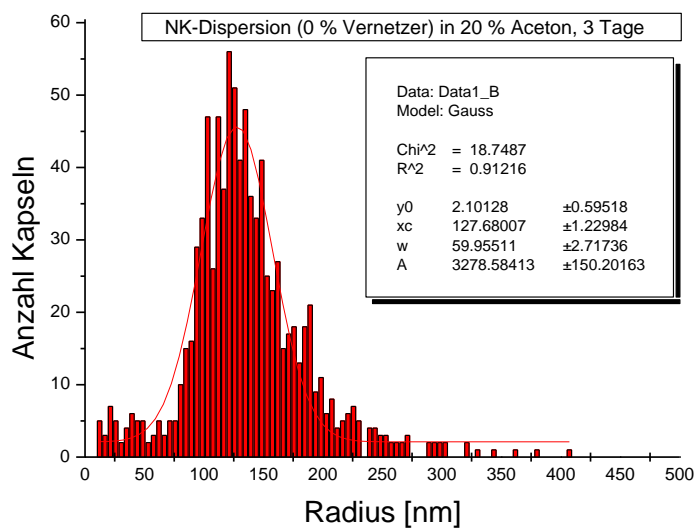
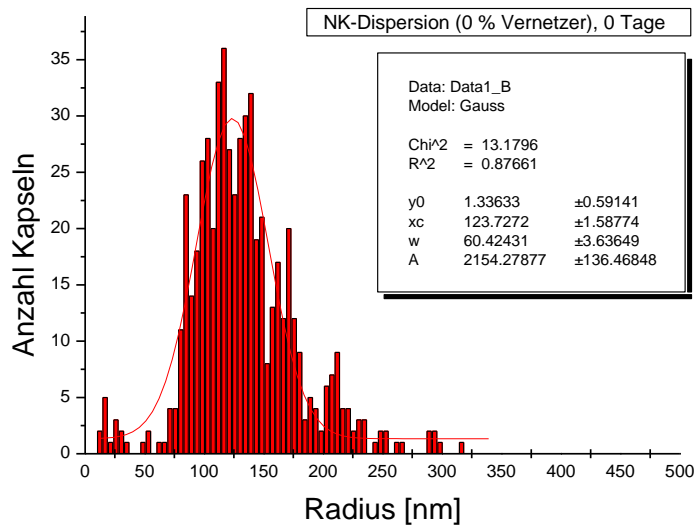
### 10.1 Thermogramme

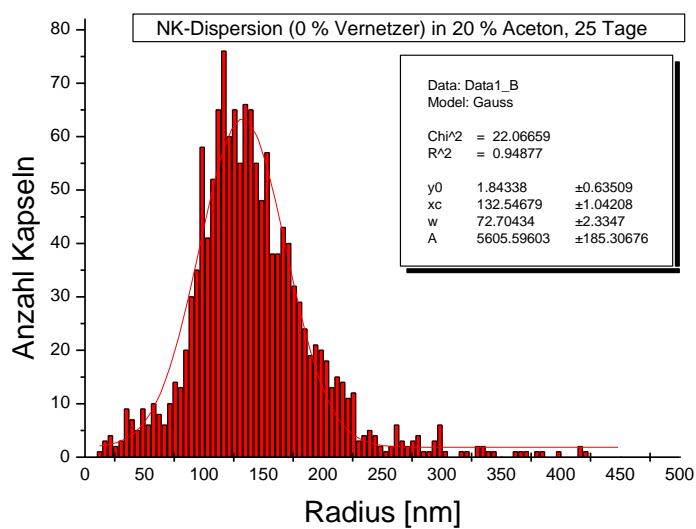
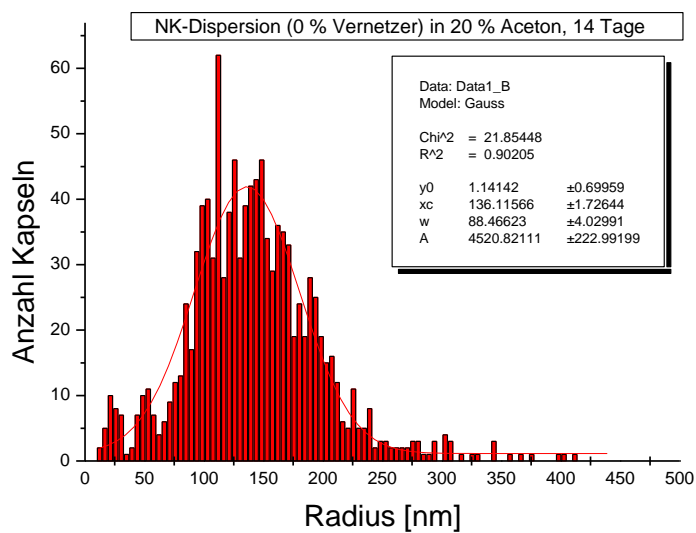
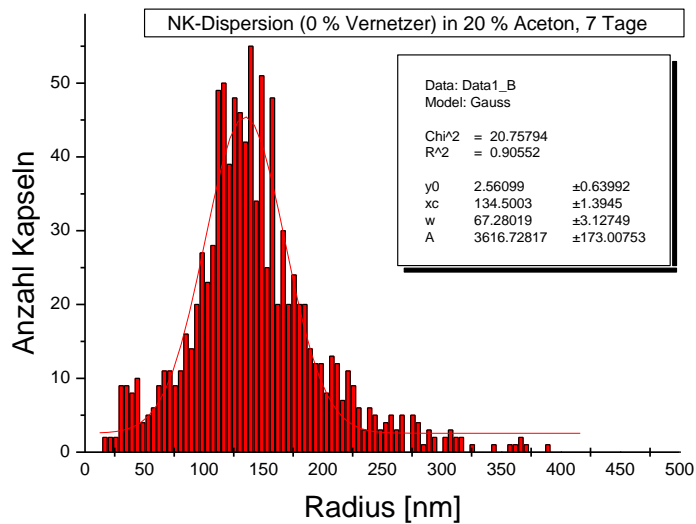


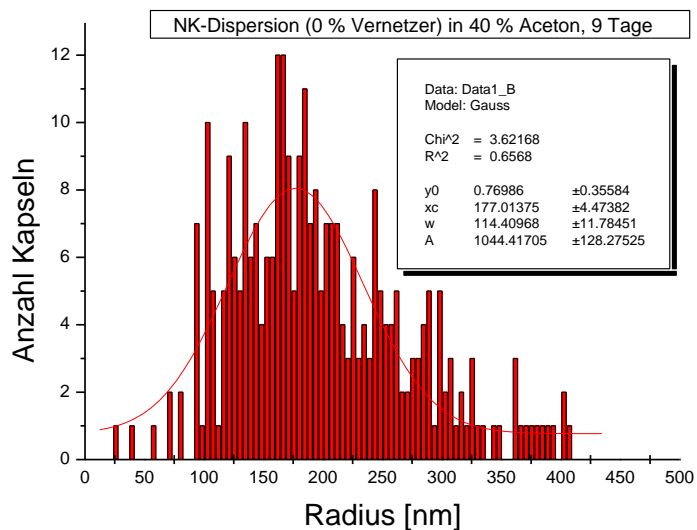
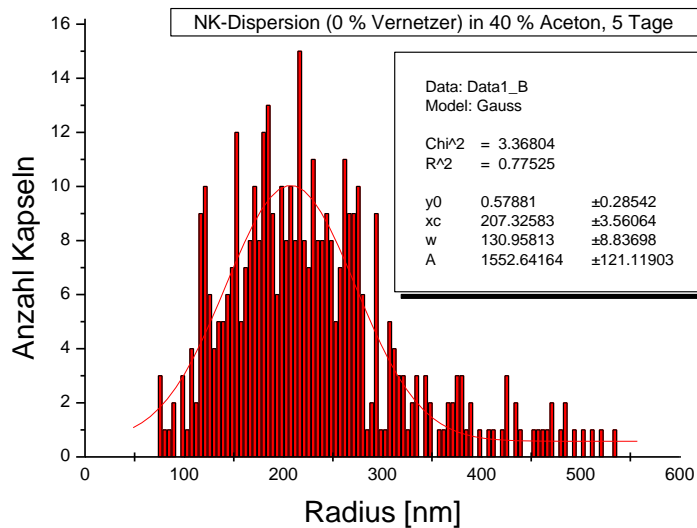
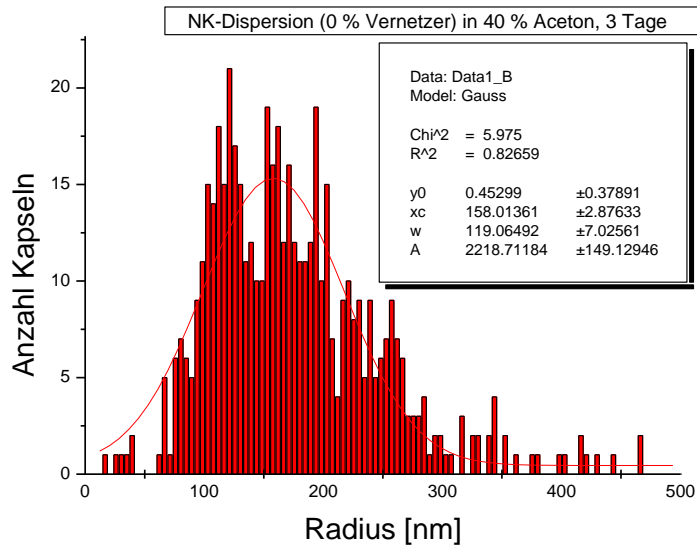


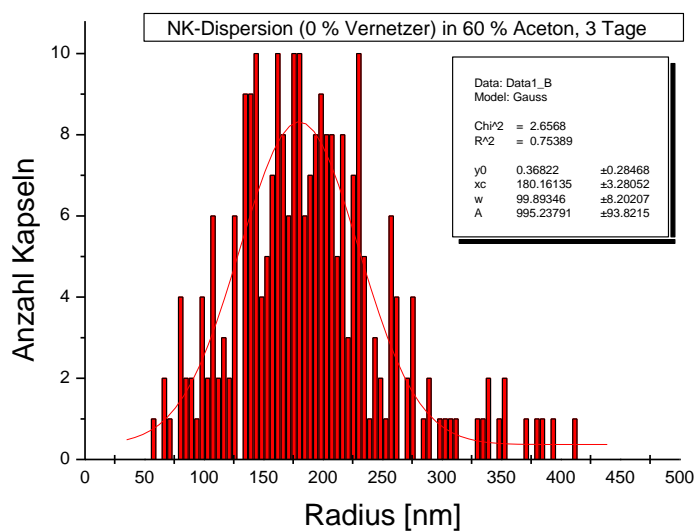
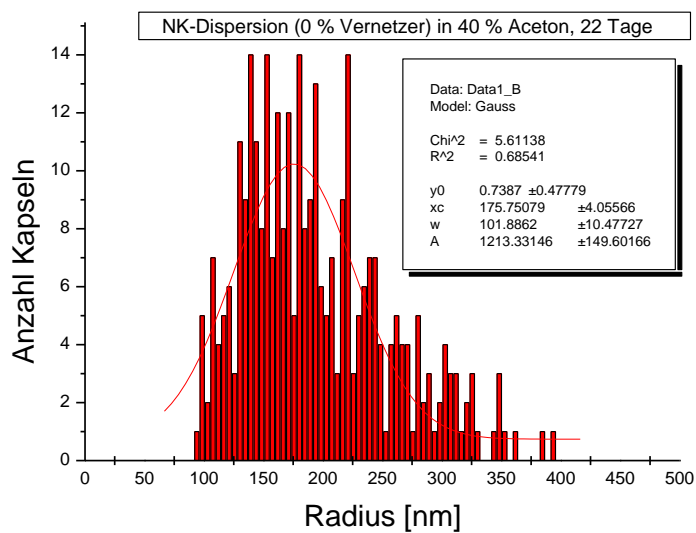
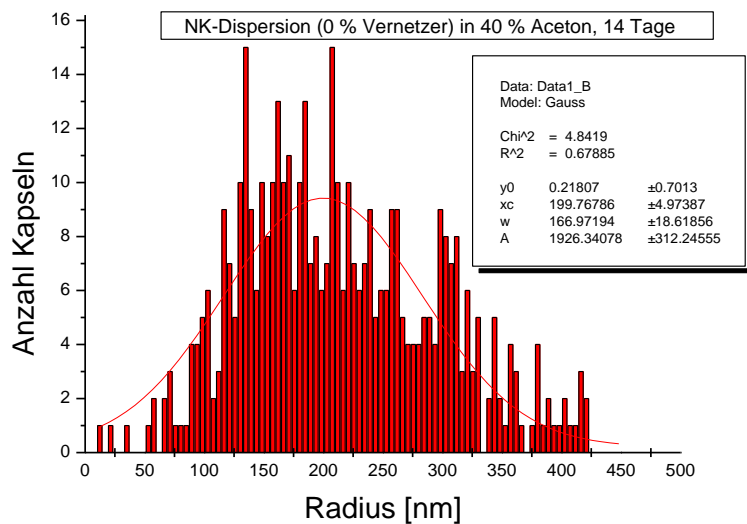
## 10.2 Histogramme der Größenverteilungen

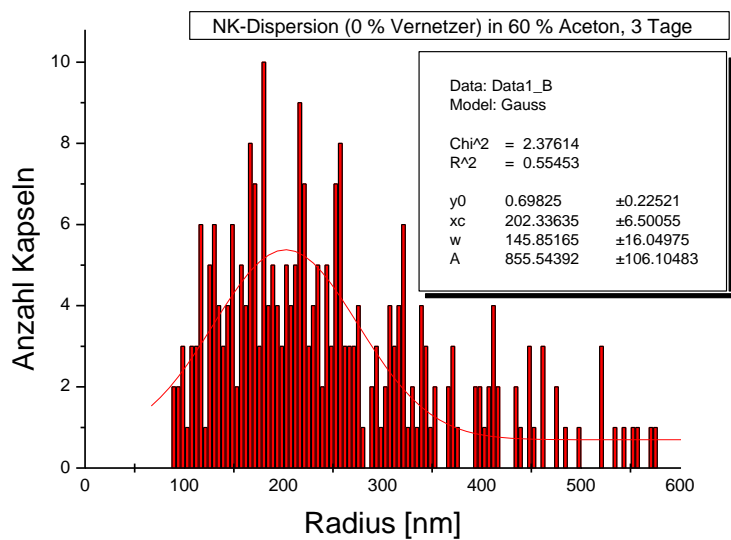
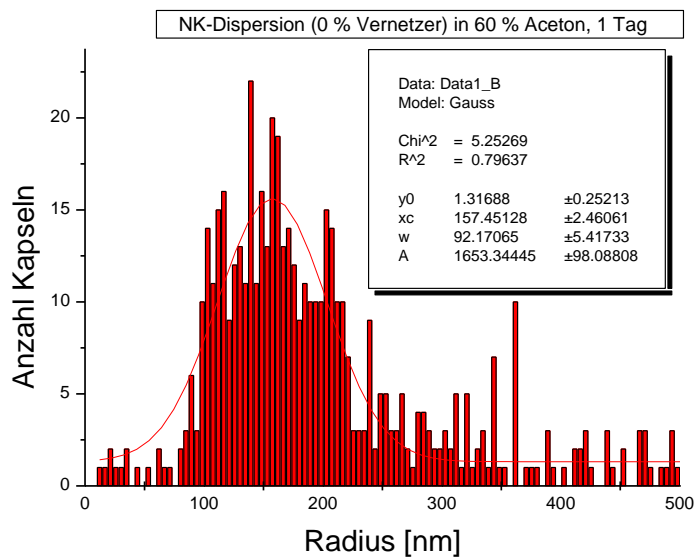
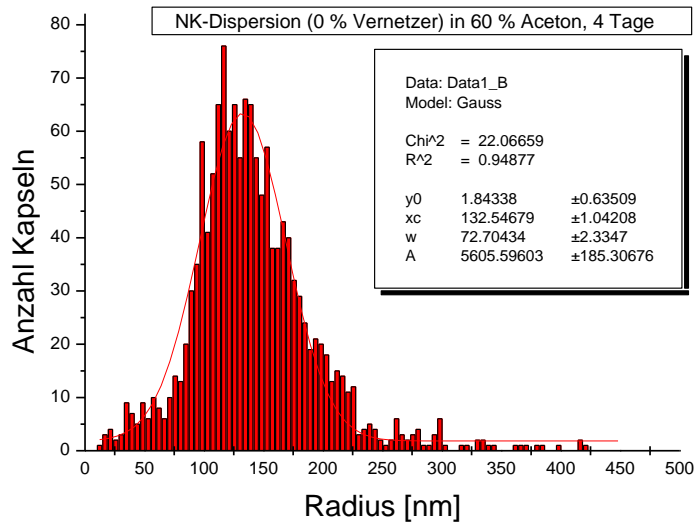
### 20, 40 und 60 % Aceton, 0 % Vernetzer



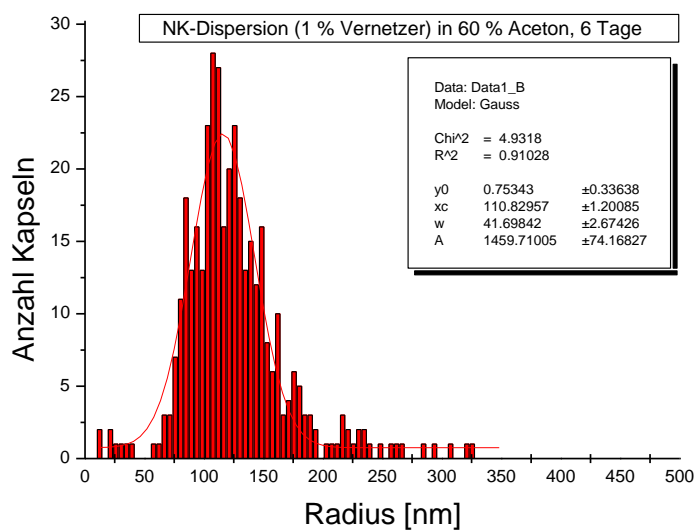
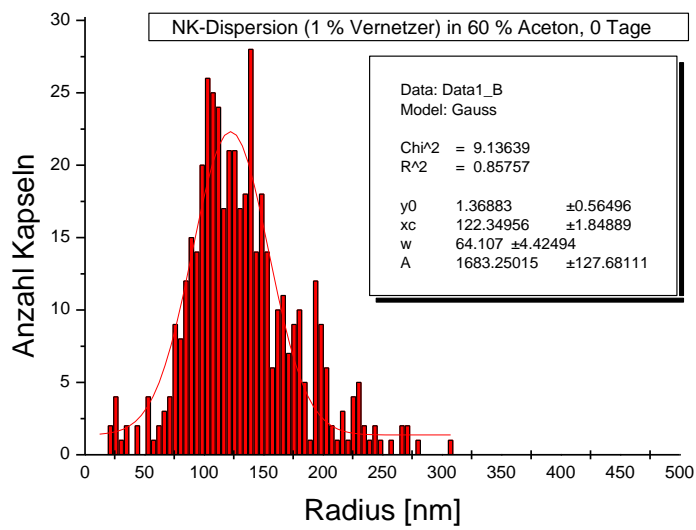




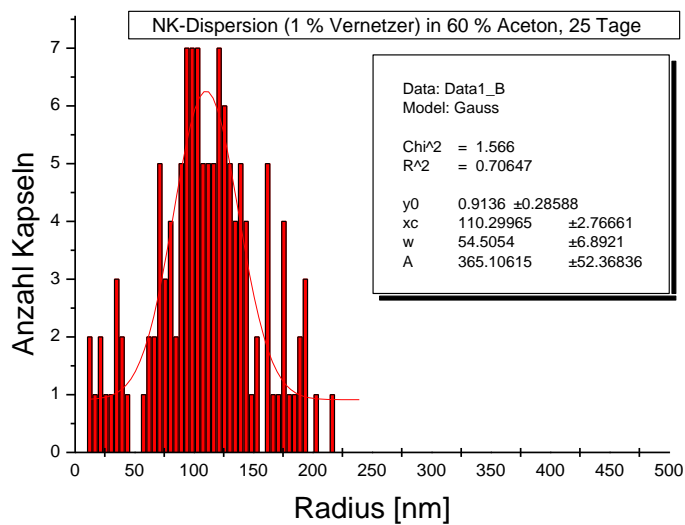
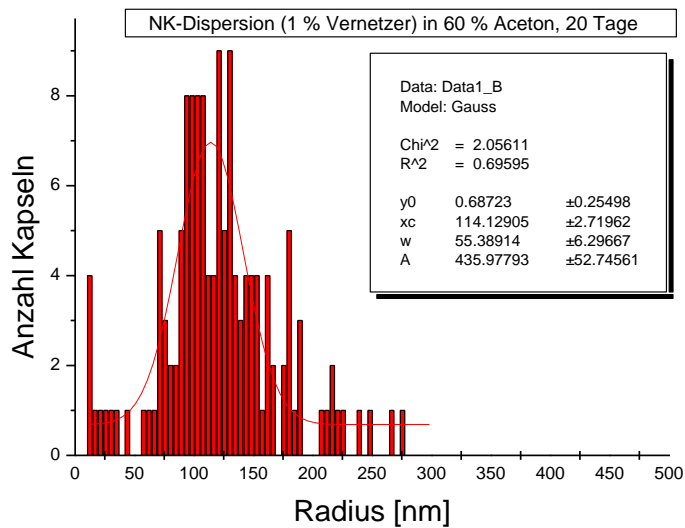
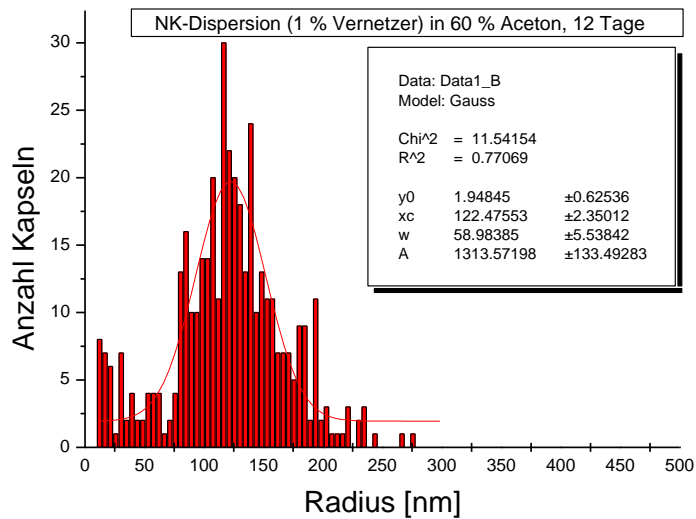


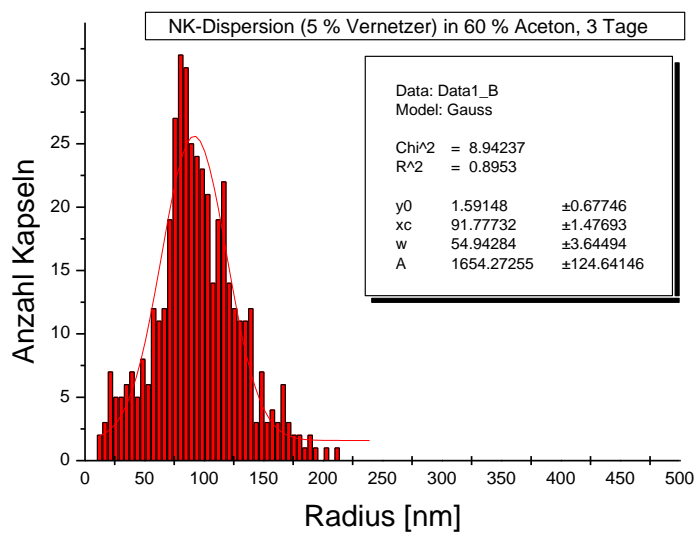
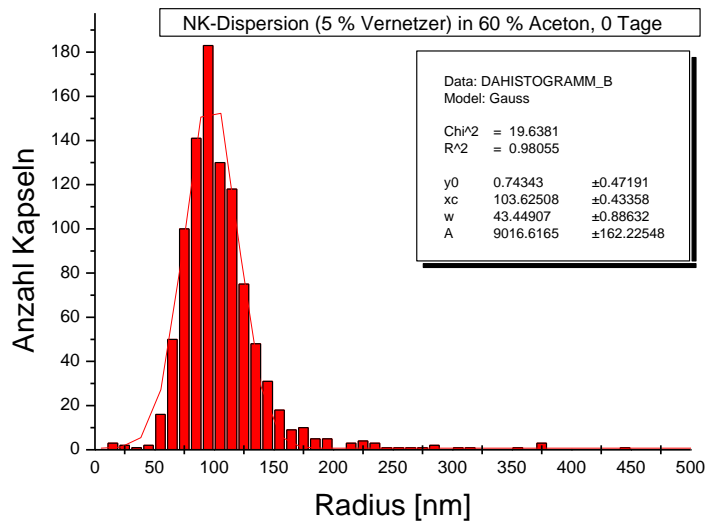
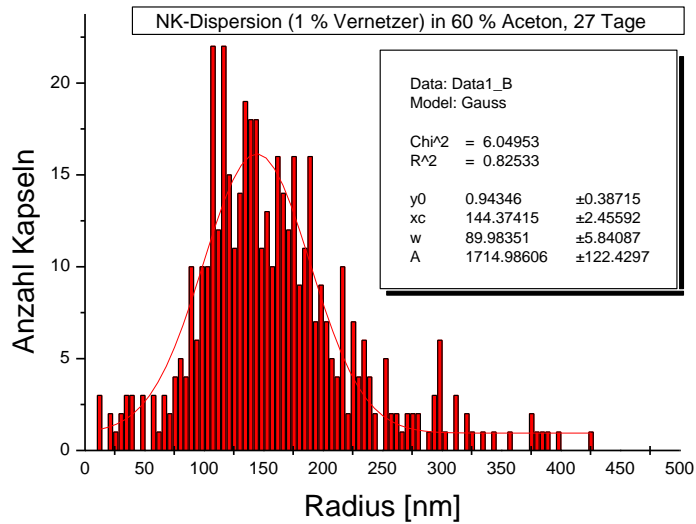


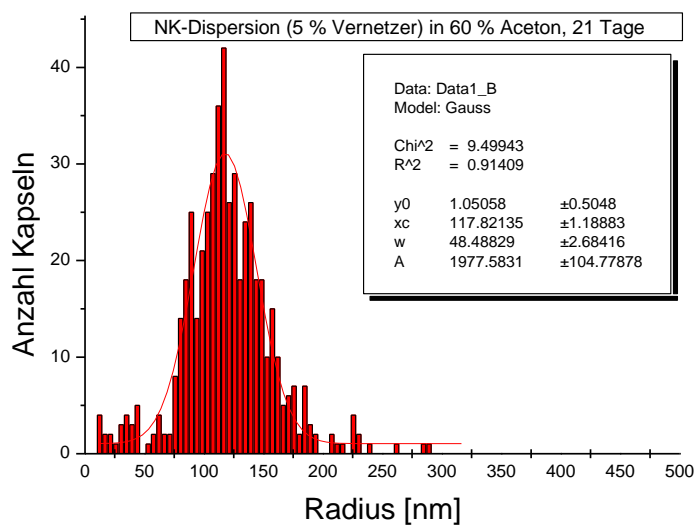
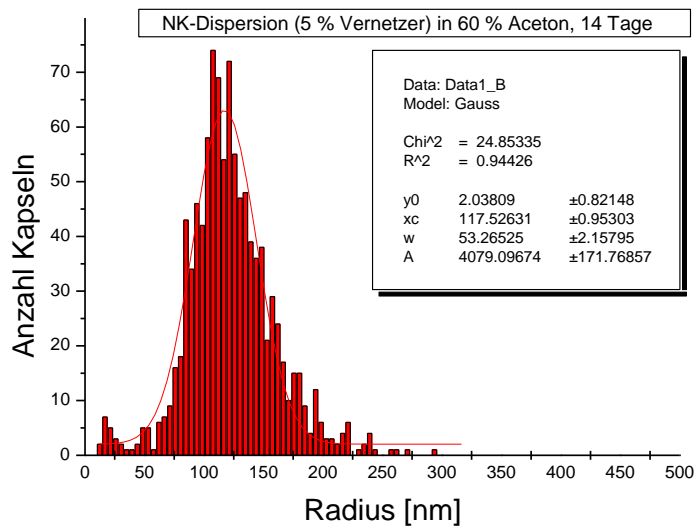
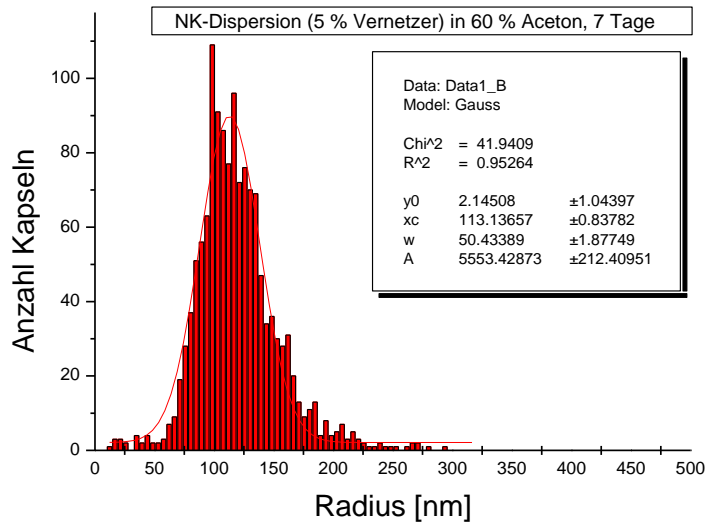
## 60 % Aceton, 1 und 5 % Vernetzer

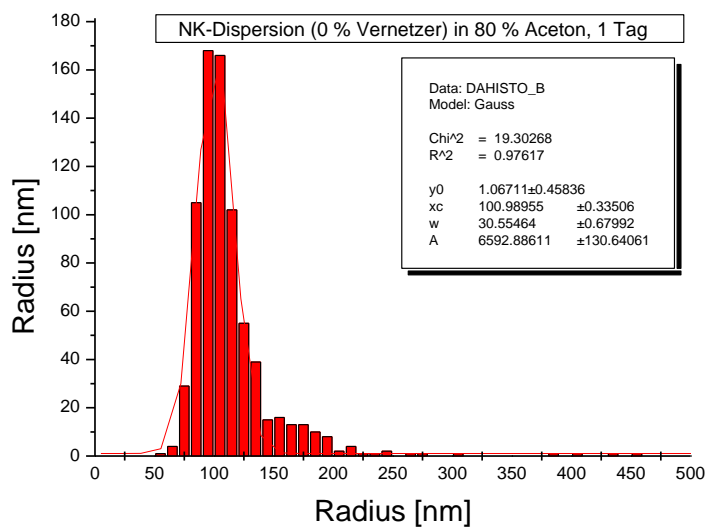
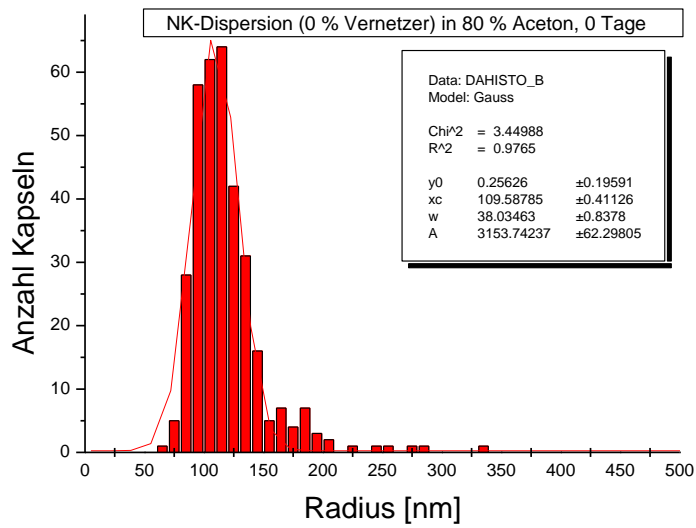


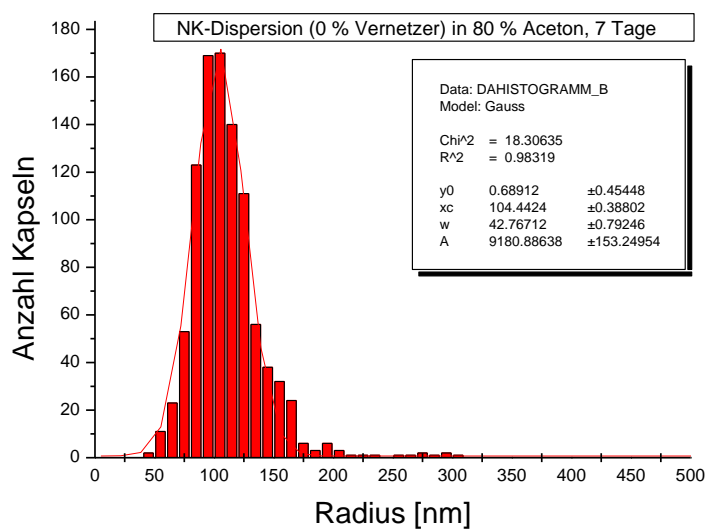
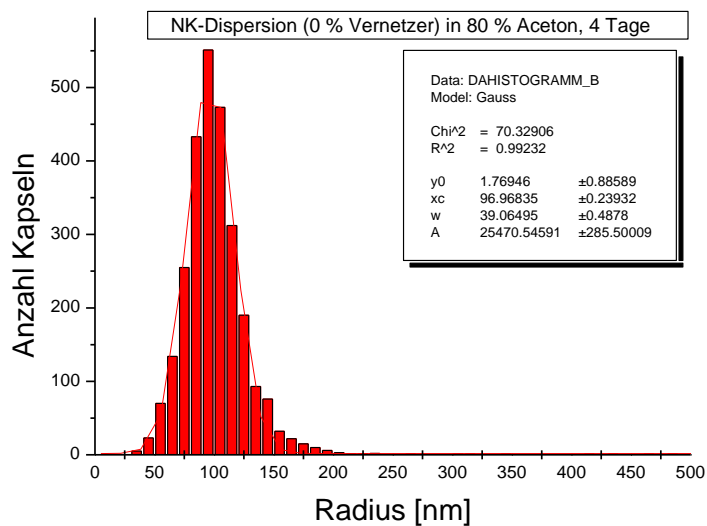
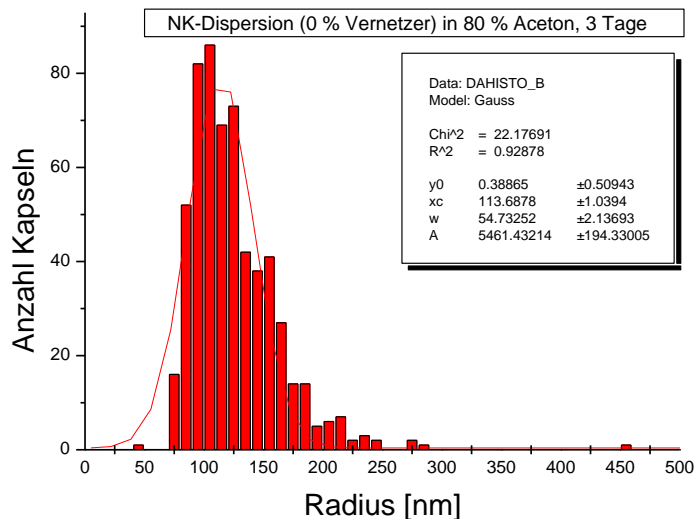


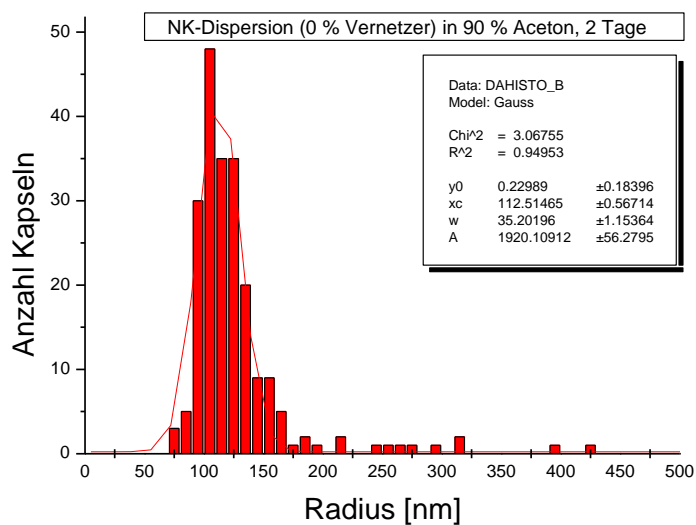
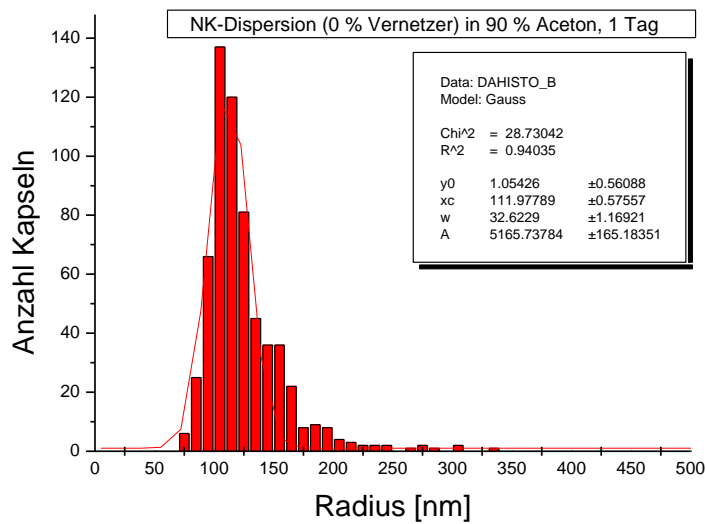
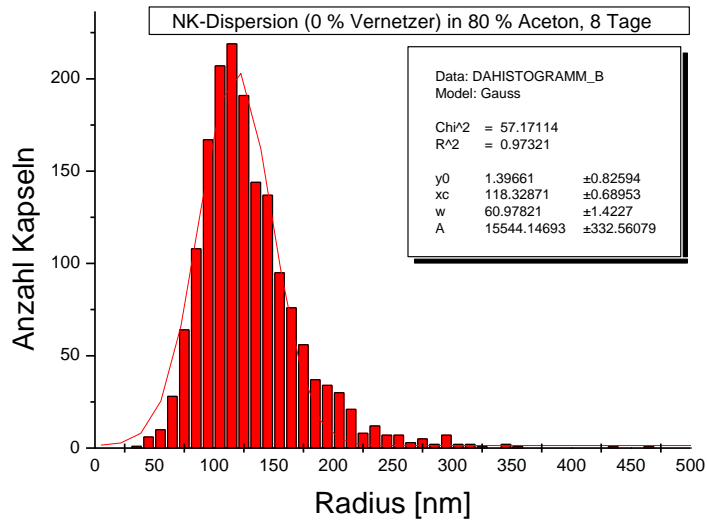


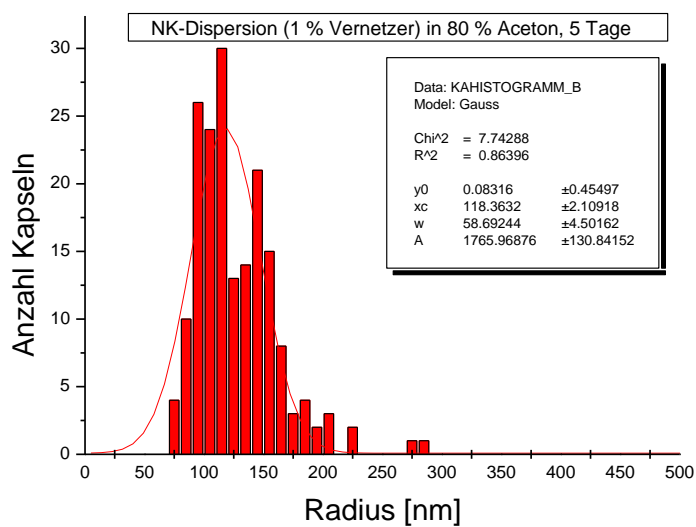
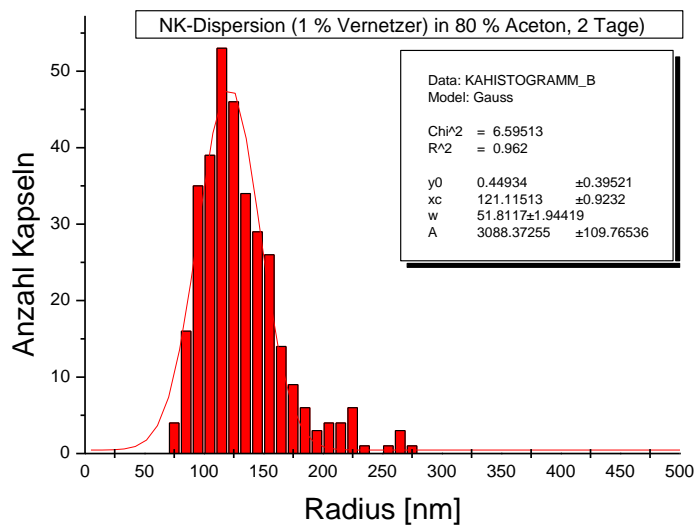
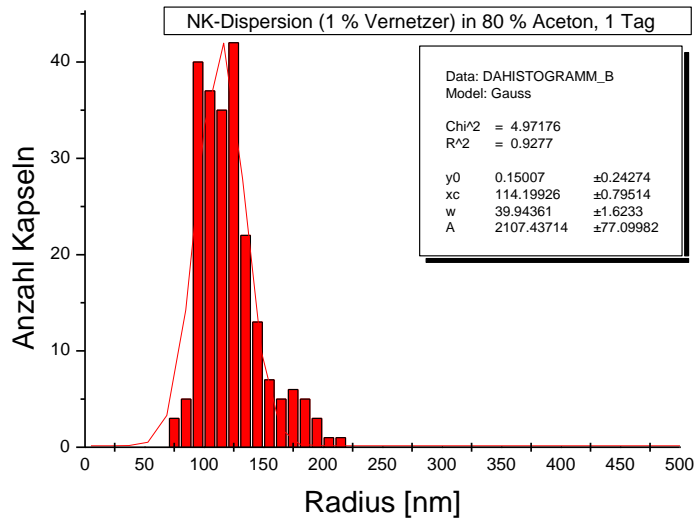


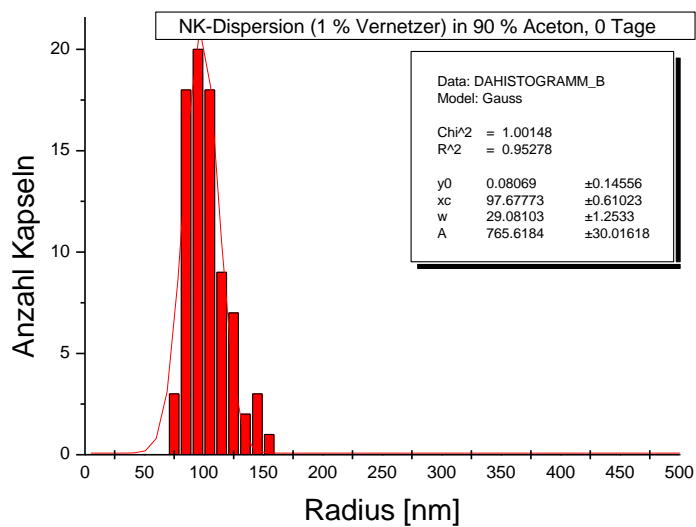
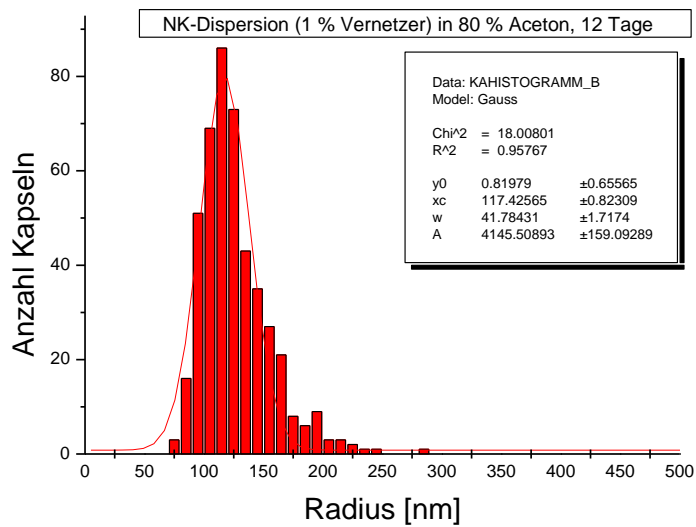
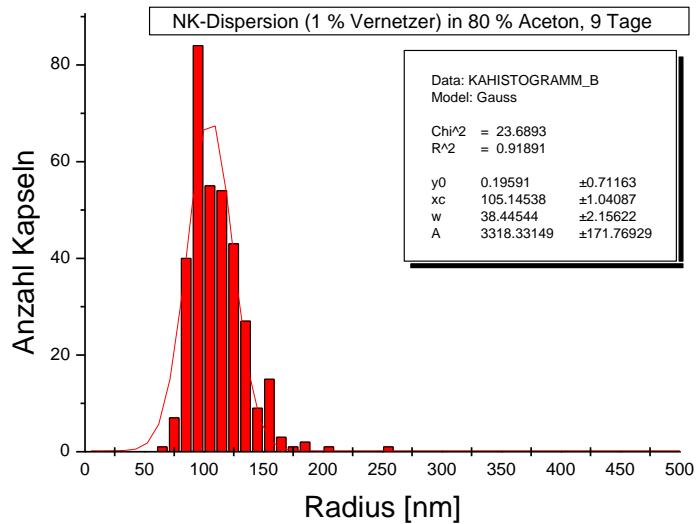


**80 und 90 % Aceton, 0, 1, 3 und 5 % Vernetzer**

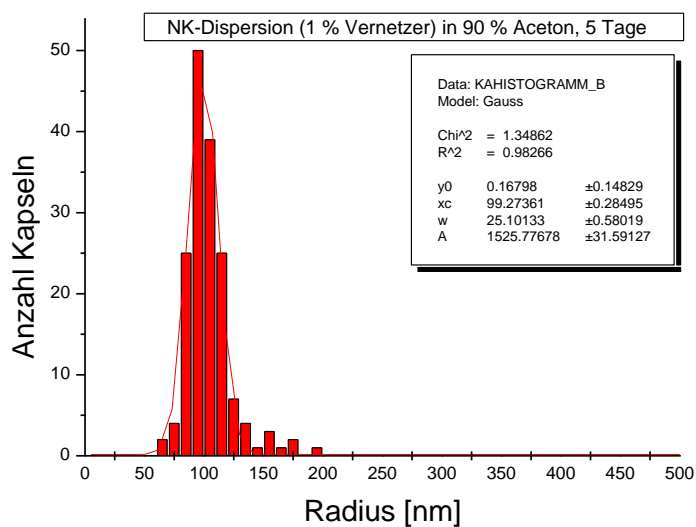
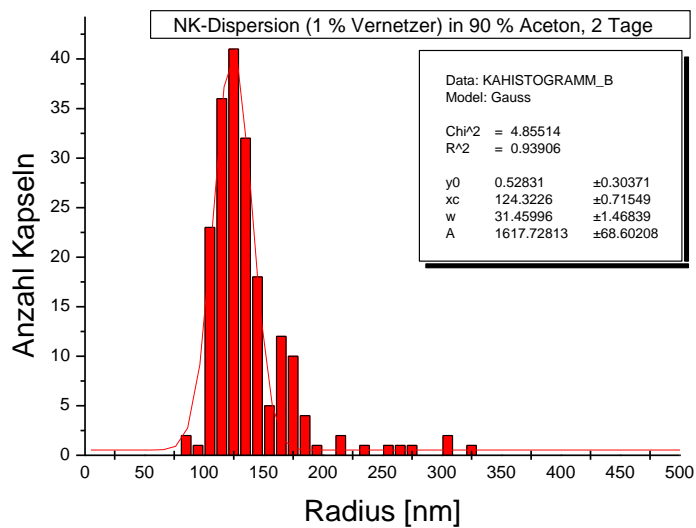
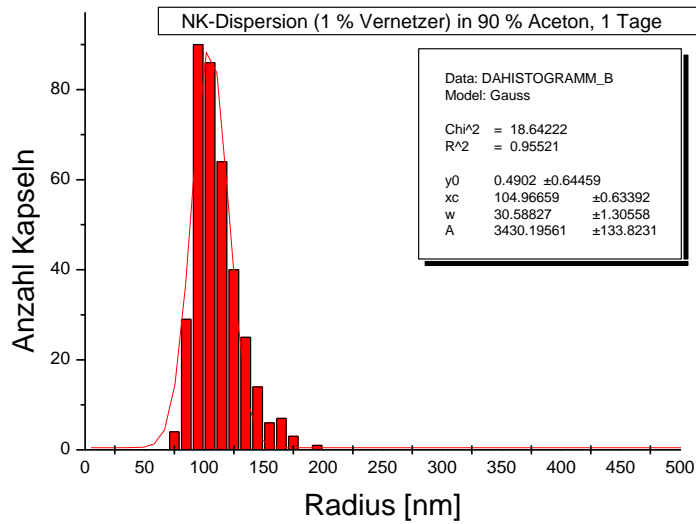


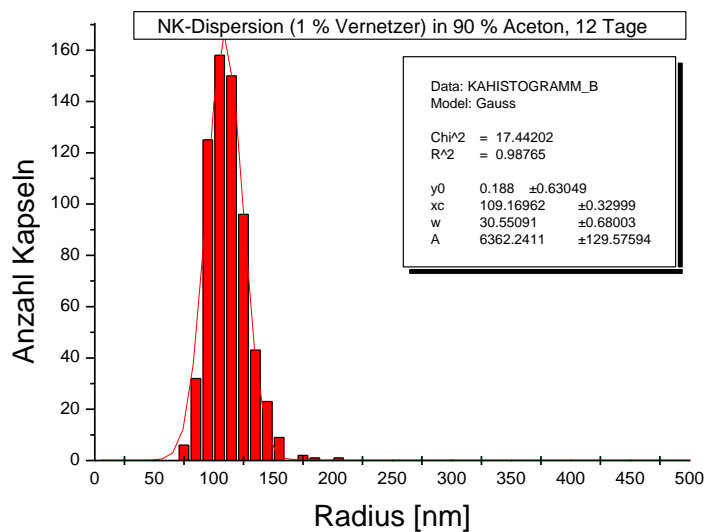
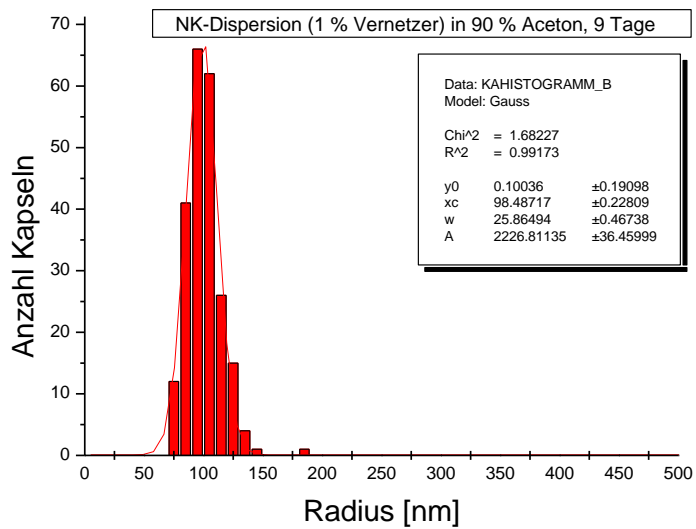
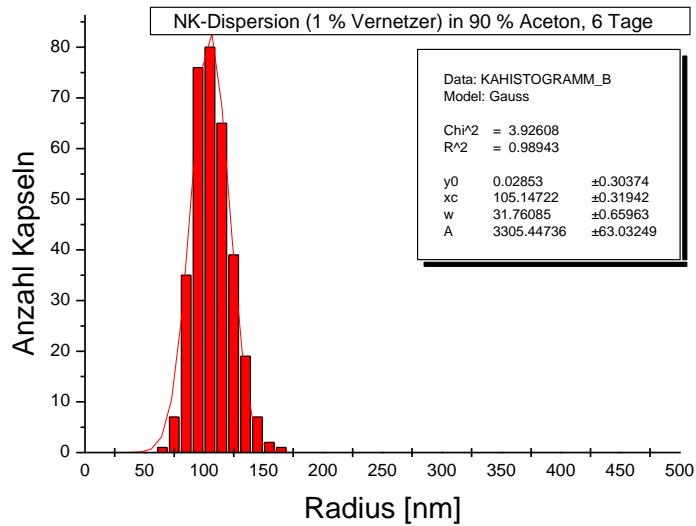


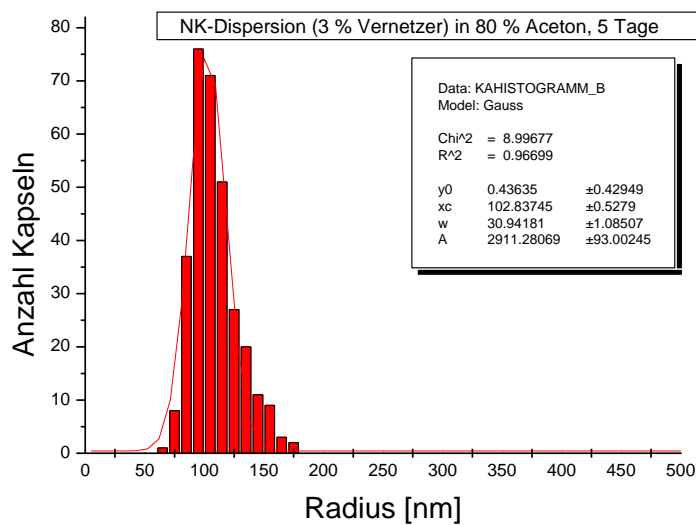
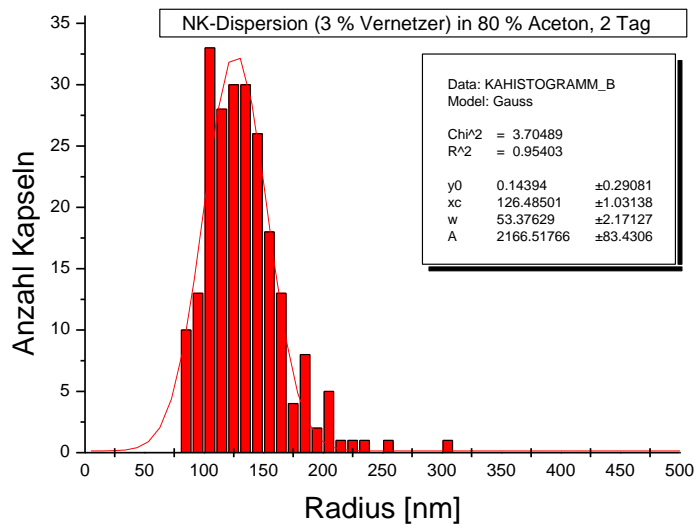
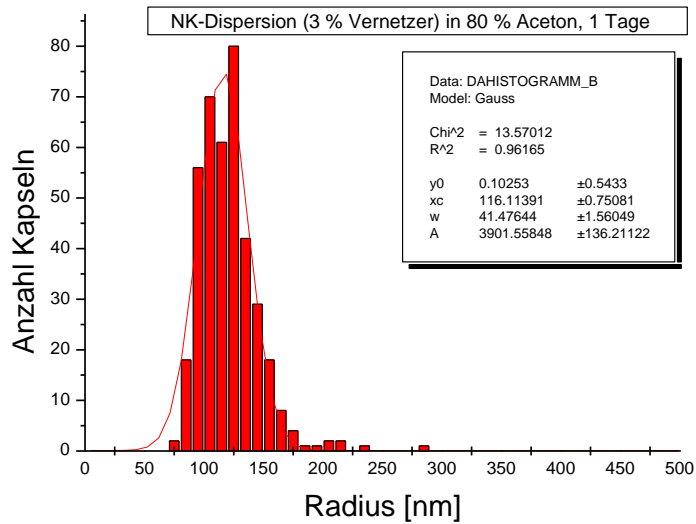


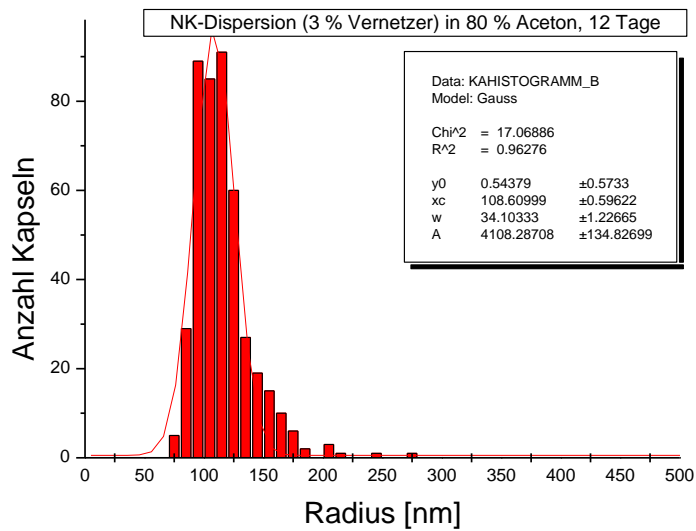
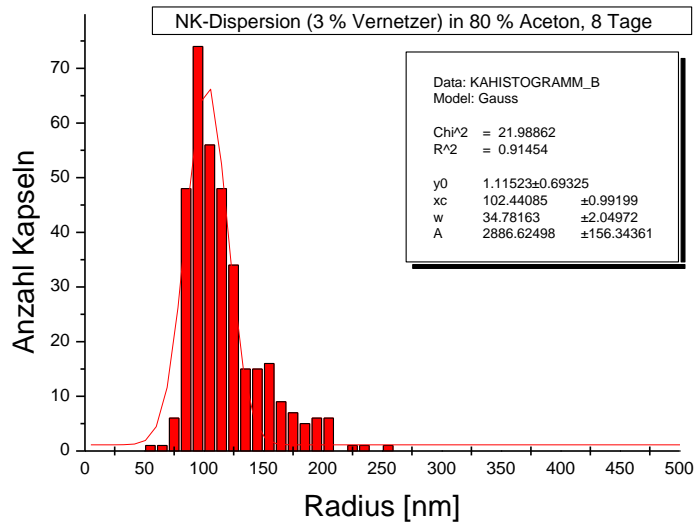


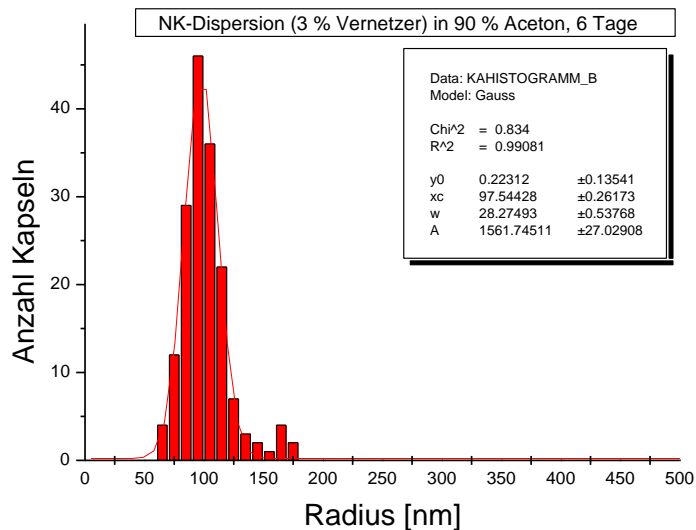
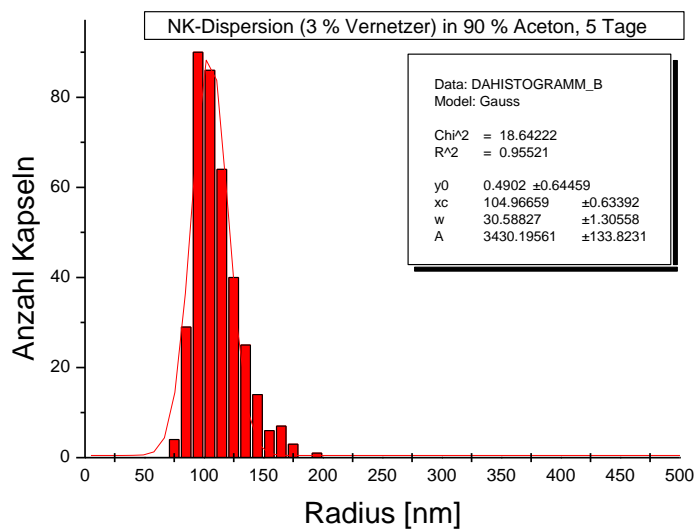
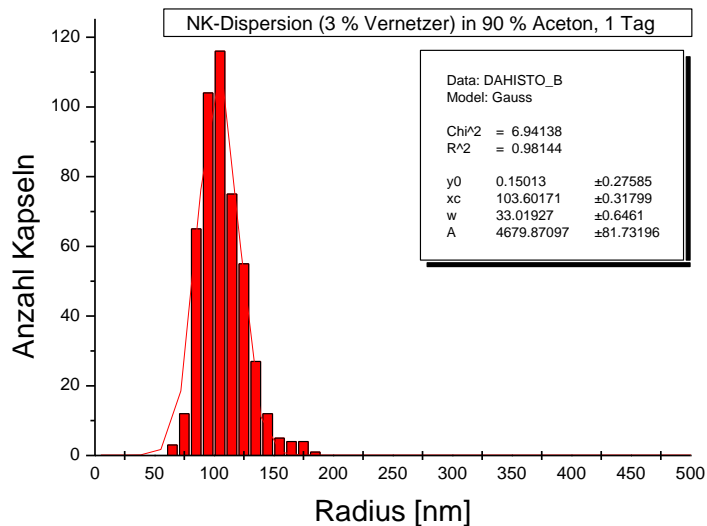


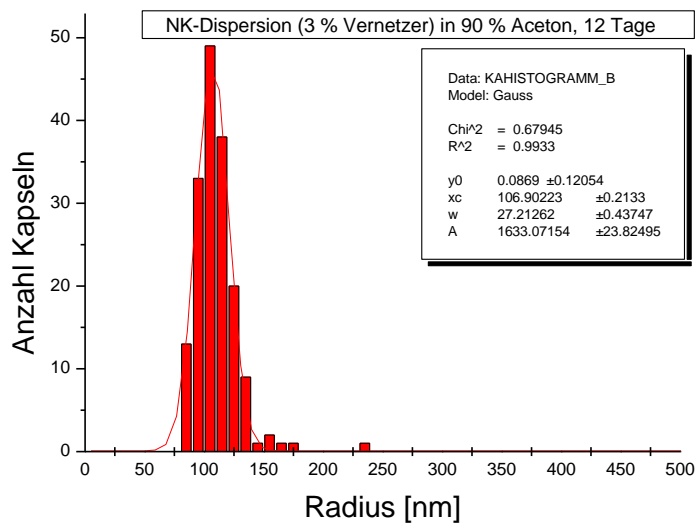
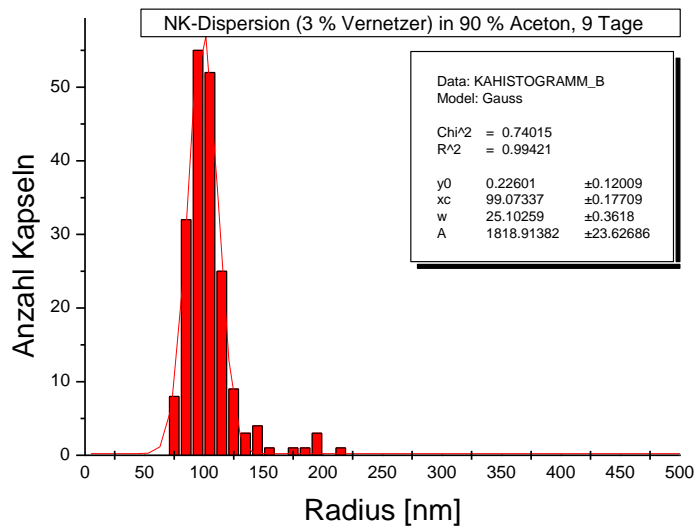


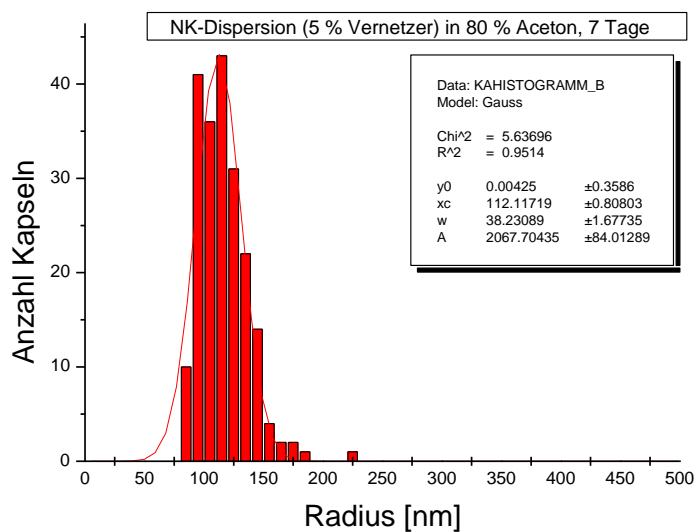
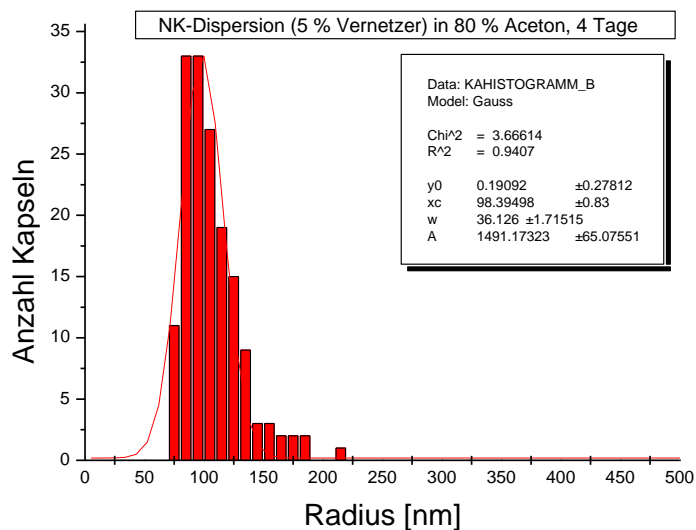
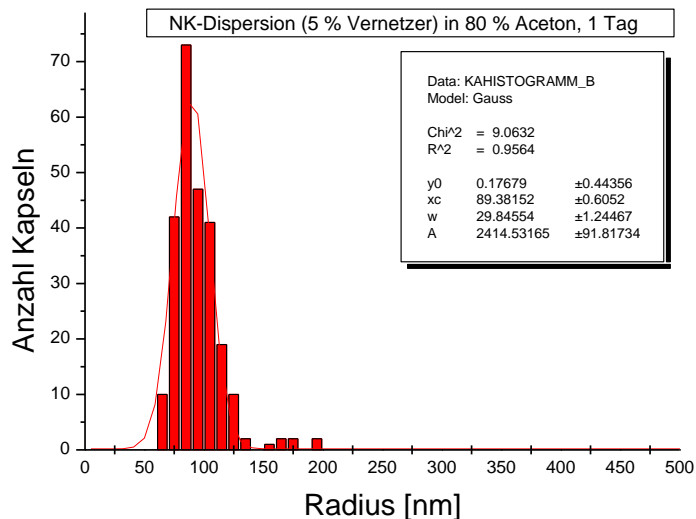




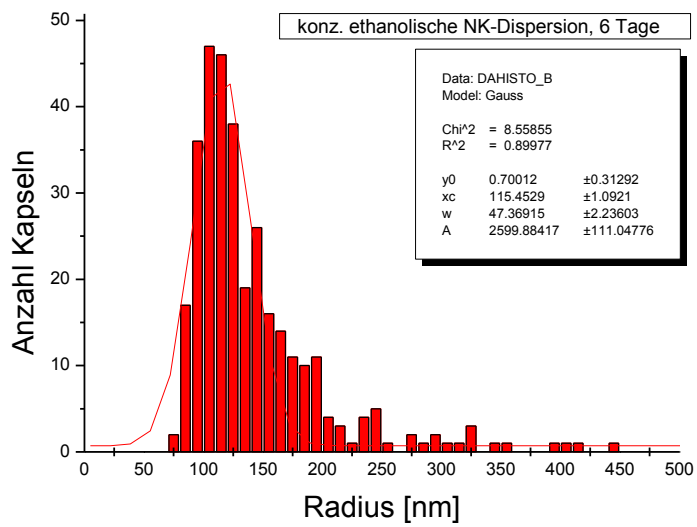
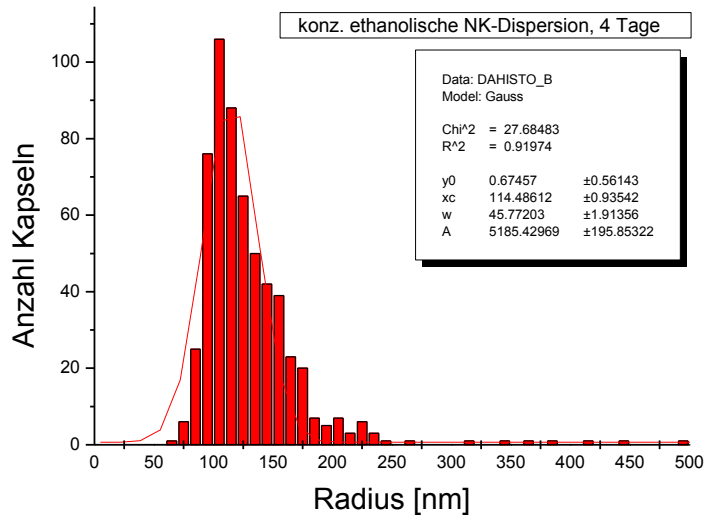




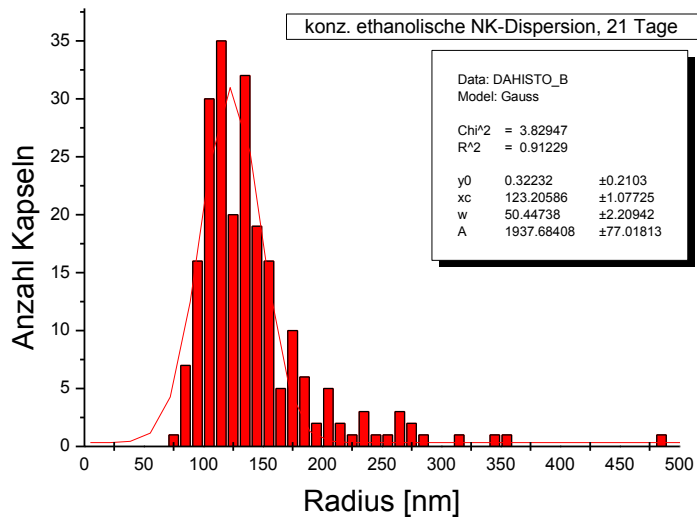
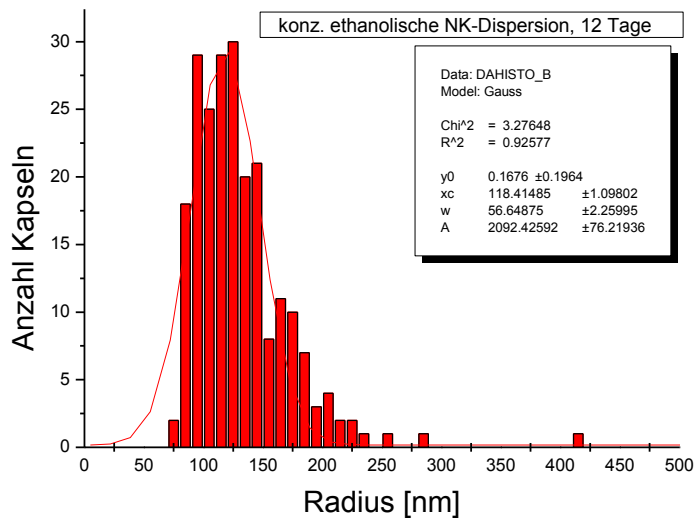


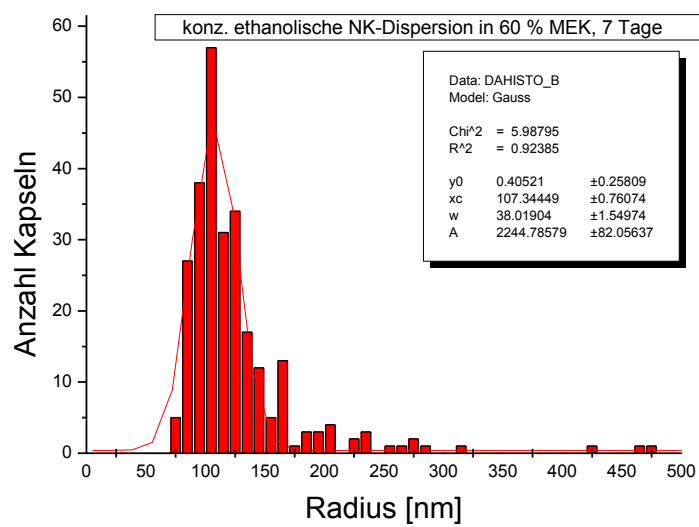
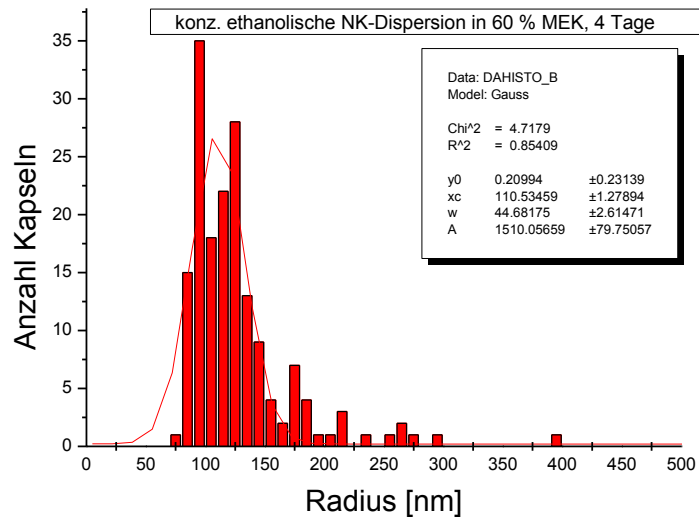


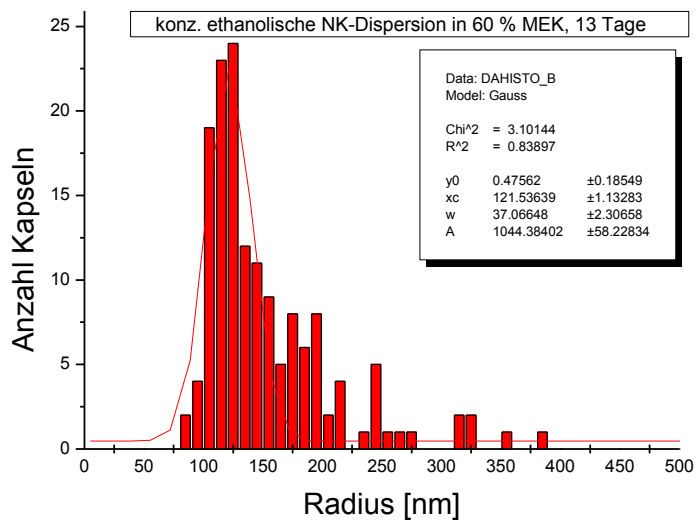
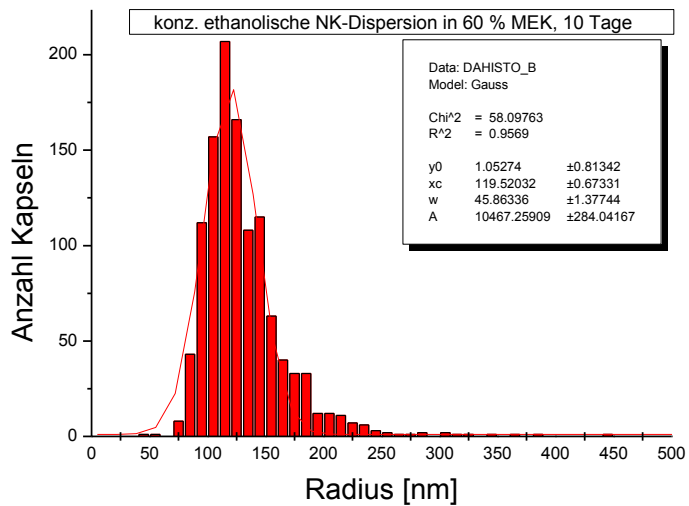
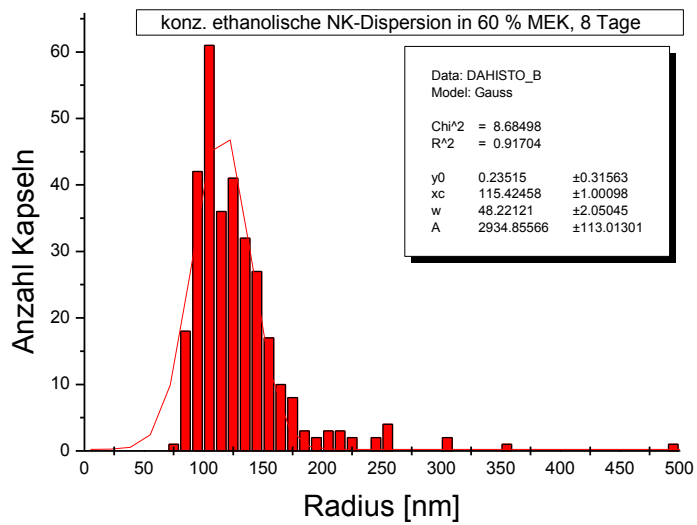
## Ethanolische Kapseldispersion, ohne Vernetzer

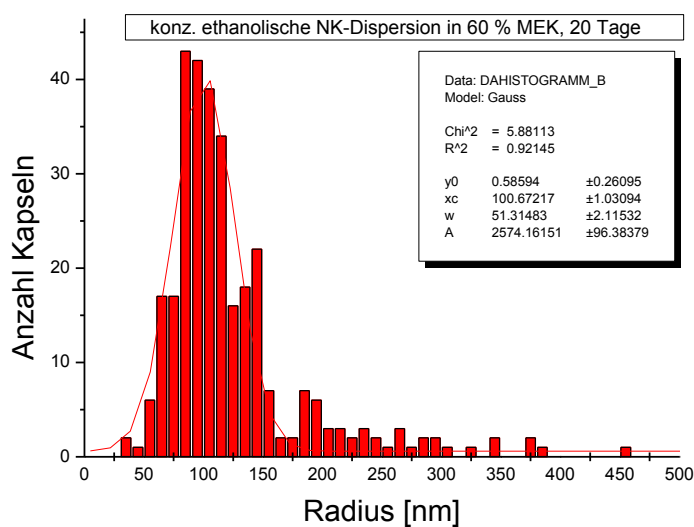
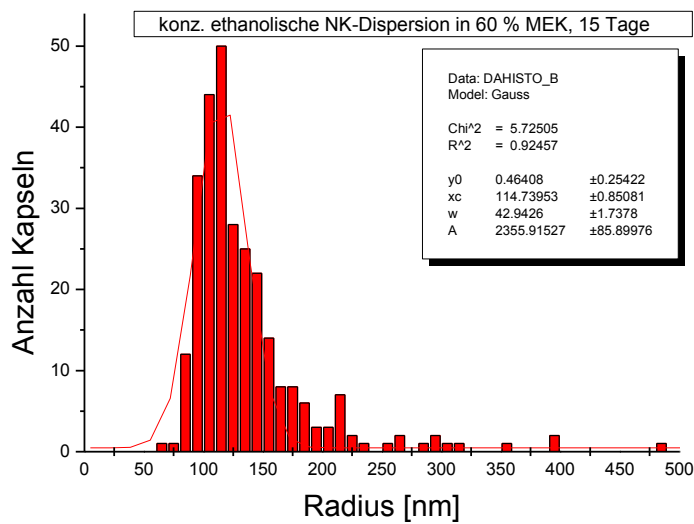
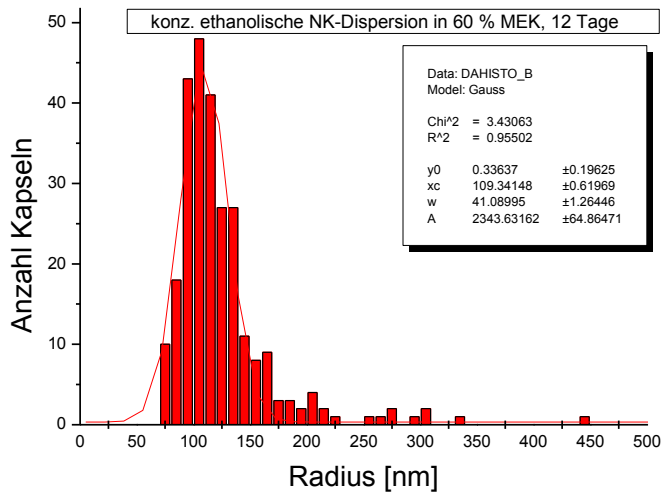


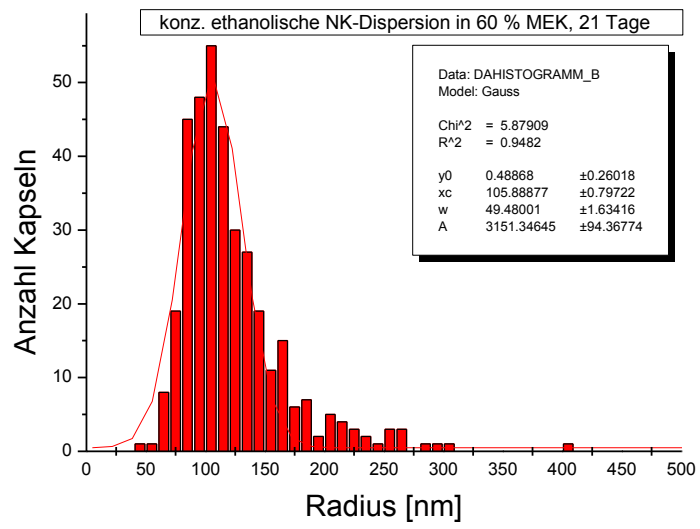




**60 % MEK, ohne Vernetzer**



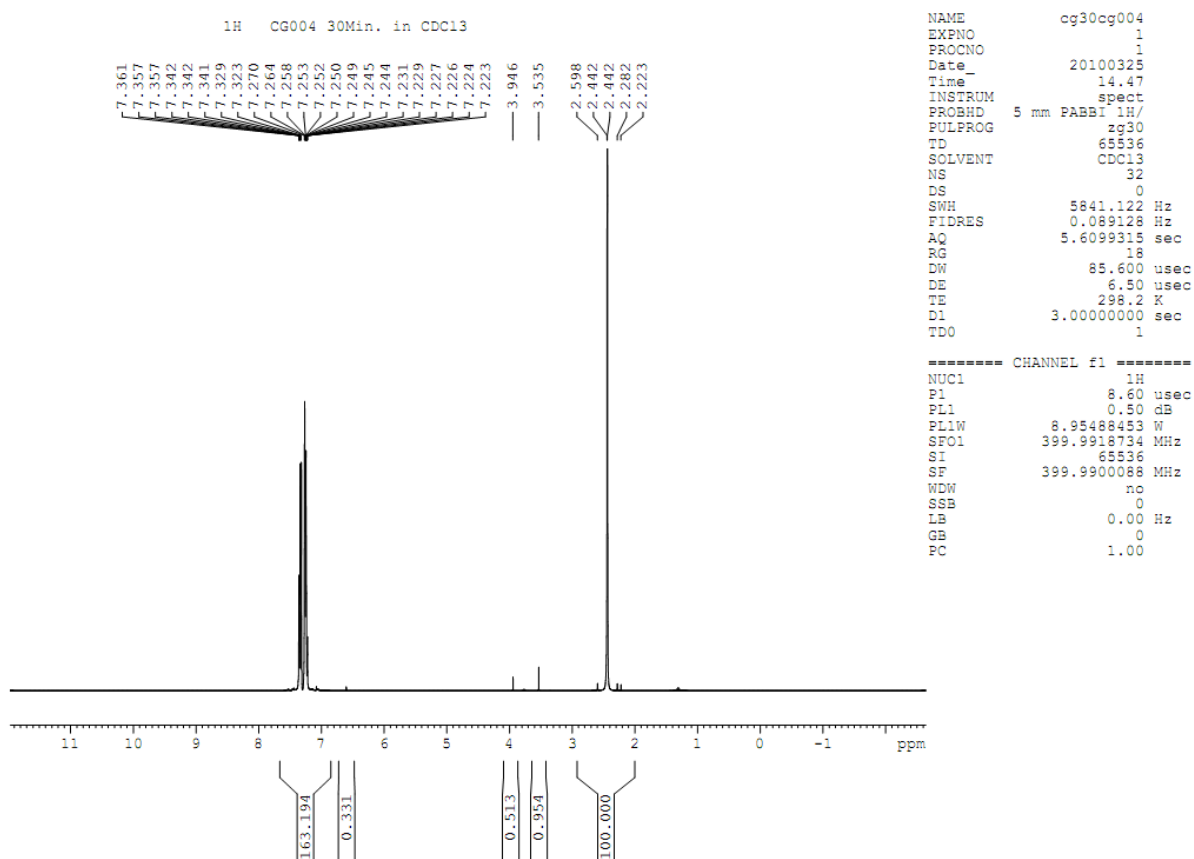


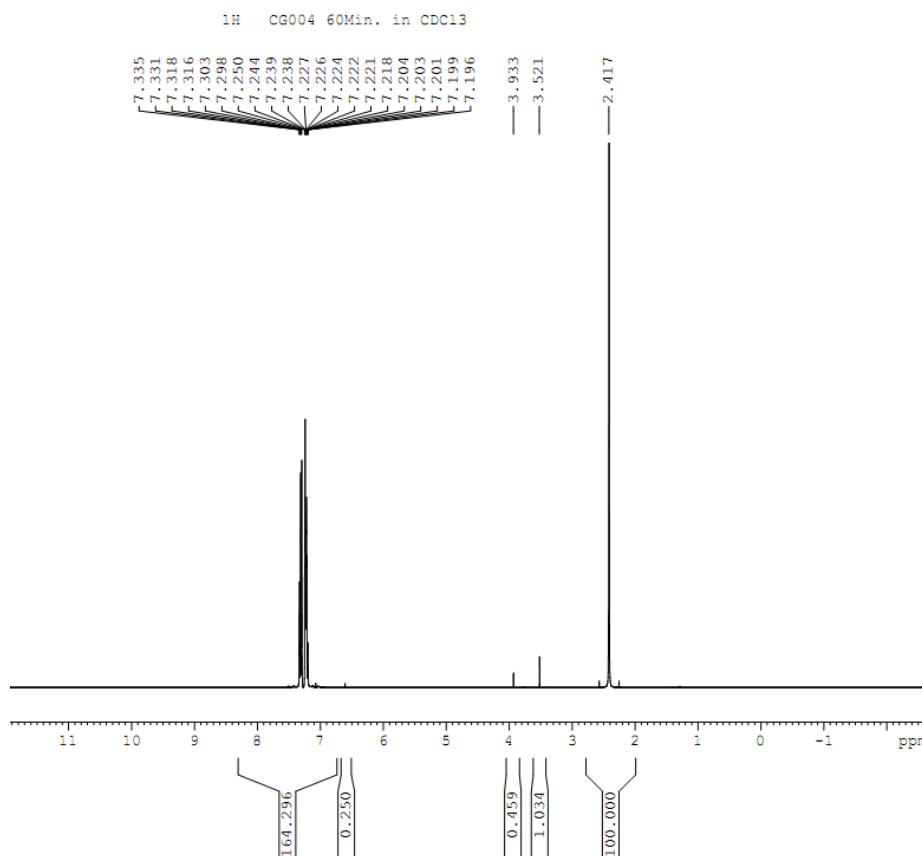


## 10.3 NMR-Spektren

### Ohne Aluminiumphosphat

Monitoring einer C<sub>10</sub>-Biscyanoacrylat-Synthese (Destillat) mit zusätzlichem Aluminiumphosphat-Katalysator mit Hilfe der NMR. Methanol-Signal bei 3,68 ppm. Das Destillat wurde im Laufe der Reaktion nach 30 Minuten und dann stündlich untersucht.



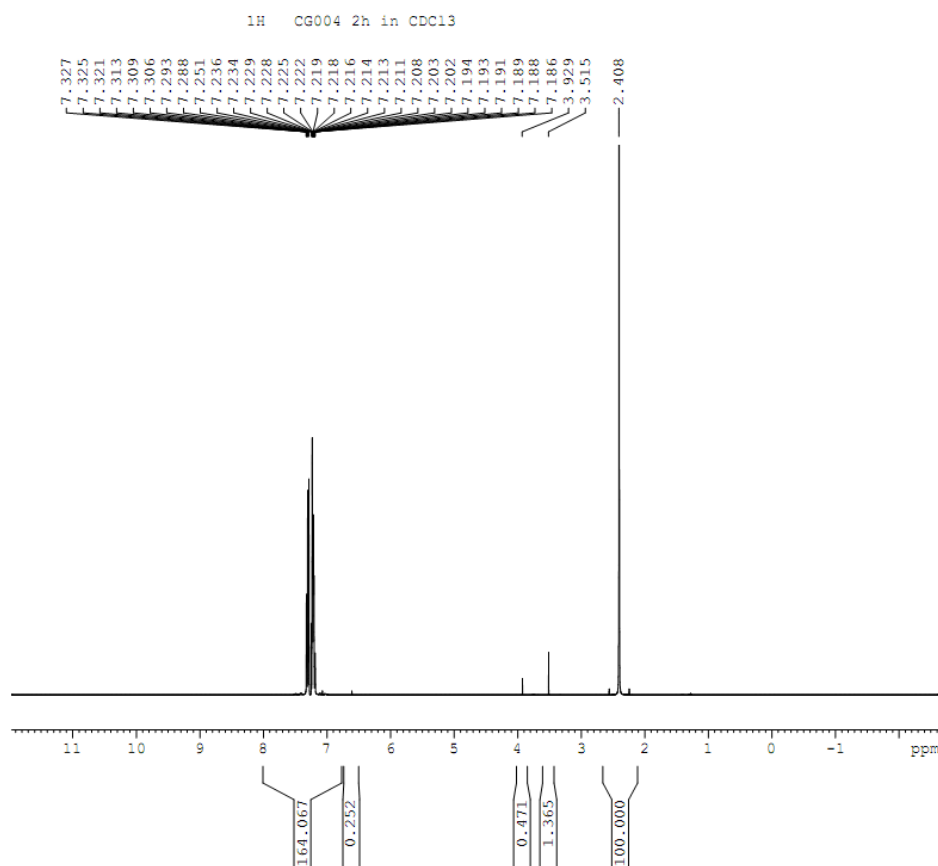


```

NAME      cg30cg004
EXPNO    2
PROCNO   1
Date_    20100325
Time     15.05
INSTRUM  spect
PROBHD   5 mm PABBI 1H/
PULPROG  zg30
TD       65536
SOLVENT  CDCl3
NS       32
DS       0
SWH      5841.122 Hz
FIDRES   0.089128 Hz
AQ       5.6099315 sec
RG       18
DW       85.600 usec
DE       6.50 usec
TE       298.2 K
D1       3.00000000 sec
TDO      1
    
```

```

===== CHANNEL f1 =====
NUC1     1H
P1       8.60 usec
PL1      0.50 dB
PL1W     8.95488453 W
SFO1     399.9918734 MHz
SI       65536
SF       399.9900088 MHz
WDW      no
SSB      0
LB       0.00 Hz
GB       0
PC       1.00
    
```

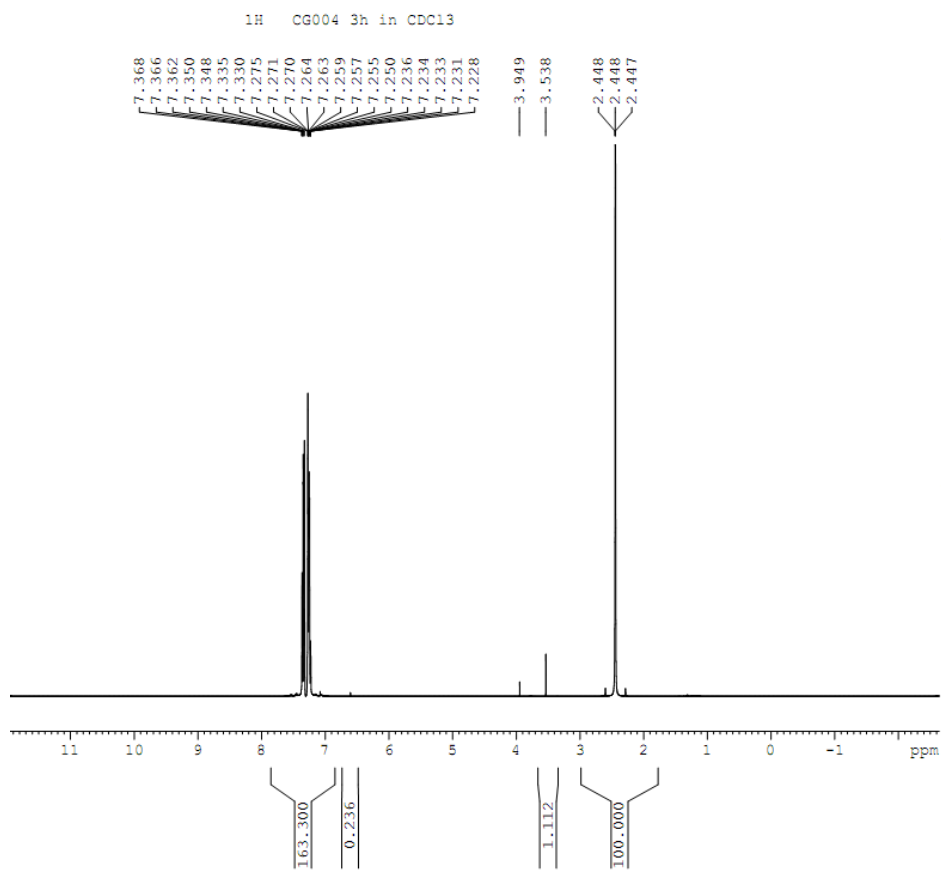


```

NAME      cg30cg004
EXPNO    3
PROCNO   1
Date_    20100325
Time     15.21
INSTRUM  spect
PROBHD   5 mm PABBI 1H/
PULPROG  zg30
TD       65536
SOLVENT  CDCl3
NS       32
DS       0
SWH      5841.122 Hz
FIDRES   0.089128 Hz
AQ       5.6099315 sec
RG       18
DW       85.600 usec
DE       6.50 usec
TE       298.2 K
D1       3.00000000 sec
TDO      1
    
```

```

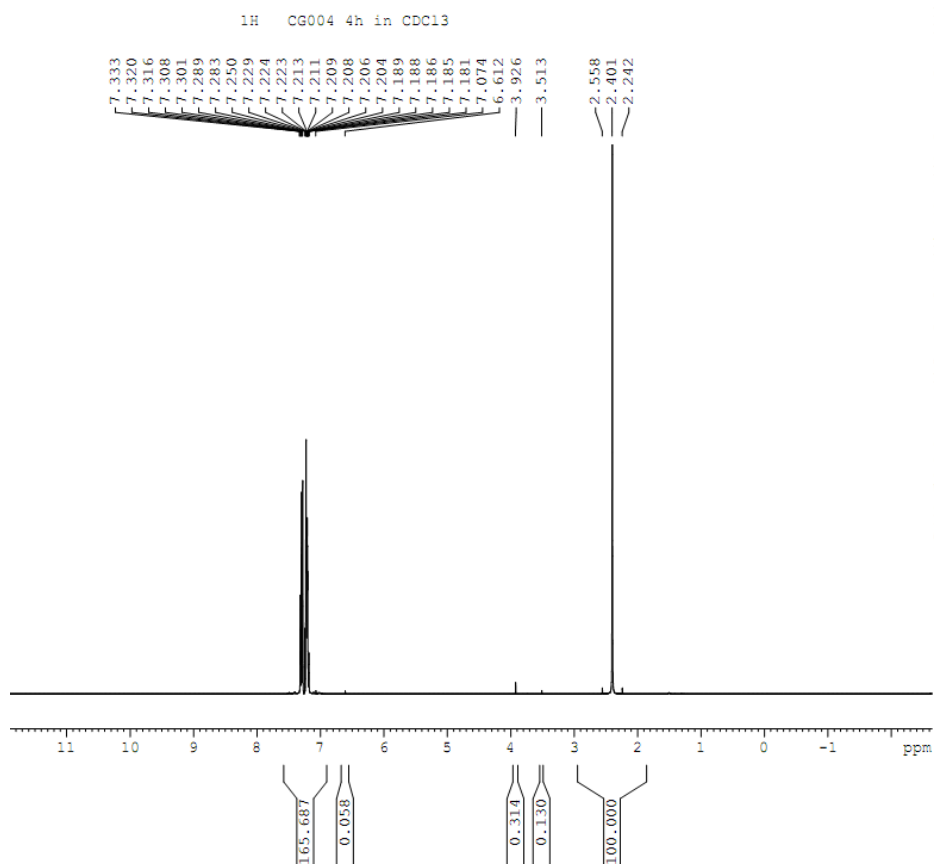
===== CHANNEL f1 =====
NUC1     1H
P1       8.60 usec
PL1      0.50 dB
PL1W     8.95488453 W
SFO1     399.9918734 MHz
SI       65536
SF       399.9900088 MHz
WDW      no
SSB      0
LB       0.00 Hz
GB       0
PC       1.00
    
```



```

NAME      cg30cg004
EXPNO    4
PROCNO   1
Date_    20100325
Time     15.46
INSTRUM  spect
PROBHD   5 mm PABBI 1H/
PULPROG  zg30
TD        65536
SOLVENT  CDCl3
NS        32
DS        0
SWH      5841.122 Hz
FIDRES   0.089128 Hz
AQ        5.6099315 sec
RG        18
DW        85.600 usec
DE        6.50 usec
TE        298.2 K
D1        3.00000000 sec
TDO       1

===== CHANNEL f1 =====
NUC1      1H
P1        8.60 usec
PL1       0.50 dB
PL1W      8.95488453 W
SFO1      399.9918734 MHz
SI        65536
SF        399.9900088 MHz
WDW       no
SSB       0
LB        0.00 Hz
GB        0
PC        1.00
    
```

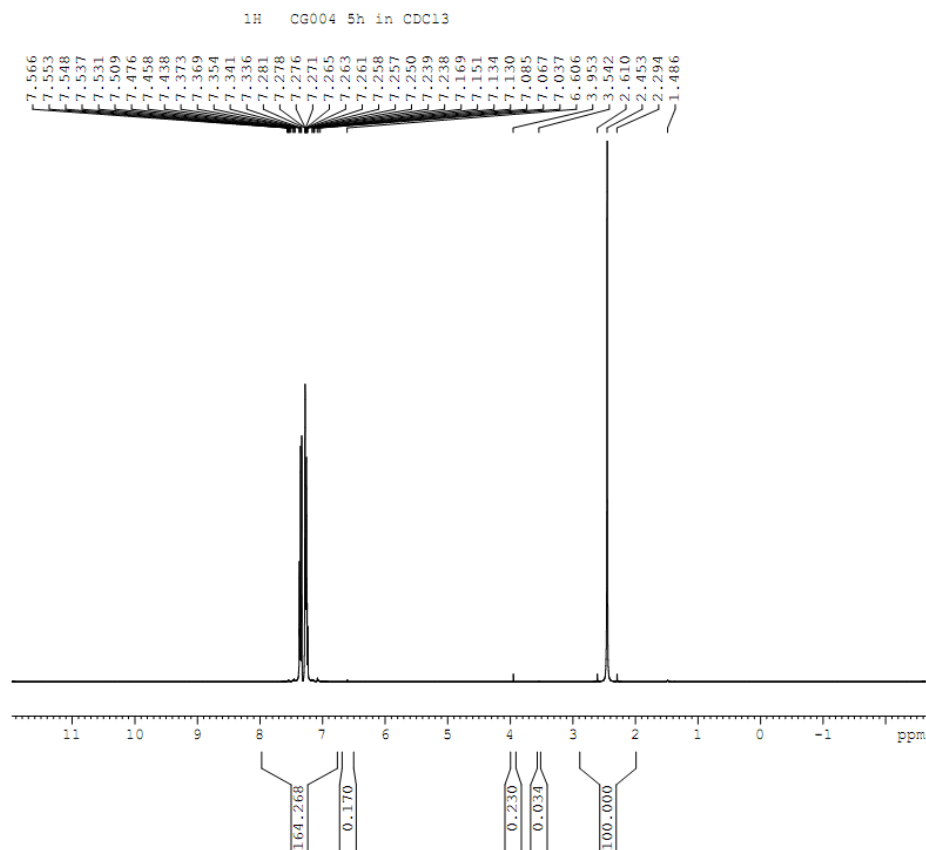


```

NAME      cg30cg004
EXPNO    5
PROCNO   1
Date_    20100325
Time     16.03
INSTRUM  spect
PROBHD   5 mm PABBI 1H/
PULPROG  zg30
TD        65536
SOLVENT  CDCl3
NS        32
DS        0
SWH      5841.122 Hz
FIDRES   0.089128 Hz
AQ        5.6099315 sec
RG        18
DW        85.600 usec
DE        6.50 usec
TE        298.2 K
D1        3.00000000 sec
TDO       1

===== CHANNEL f1 =====
NUC1      1H
P1        8.60 usec
PL1       0.50 dB
PL1W      8.95488453 W
SFO1      399.9918734 MHz
SI        65536
SF        399.9900088 MHz
WDW       no
SSB       0
LB        0.00 Hz
GB        0
PC        1.00
    
```

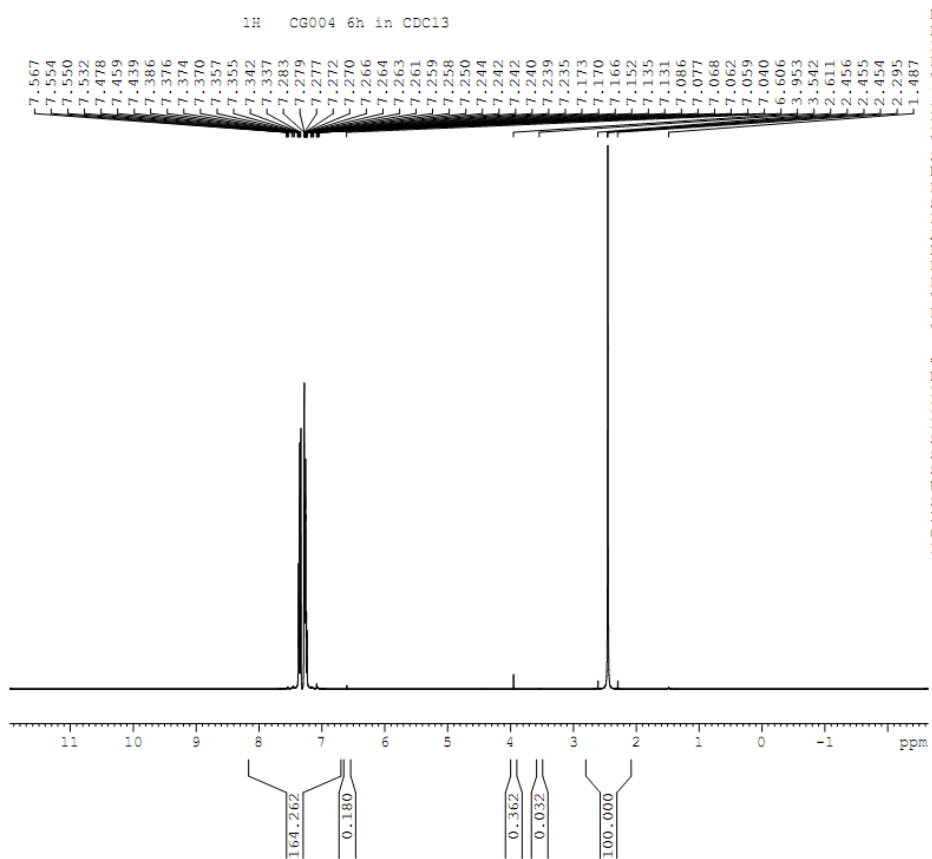




```

NAME          cg30cg004
EXPNO         6
PROCNO        1
Date_         20100326
Time         7.39
INSTRUM       spect
PROBHD        5 mm PABBI 1H/
PULPROG       zg30
TD            65536
SOLVENT       CDC13
NS            32
DS            0
SWH           5841.122 Hz
FIDRES        0.089128 Hz
AQ            5.6099315 sec
RG            18
DW            85.600 usec
DE            6.50 usec
TE            298.2 K
D1            3.00000000 sec
D11           1
TDO           1

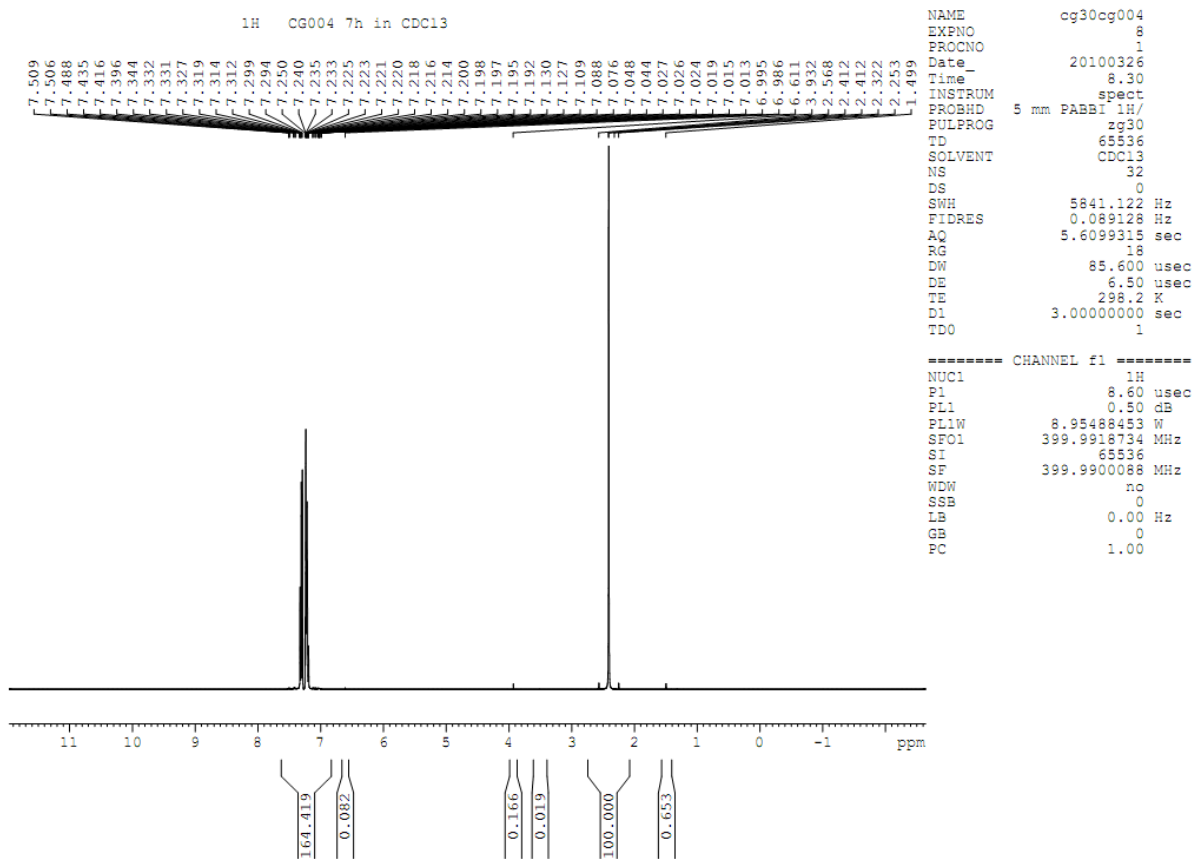
----- CHANNEL f1 -----
NUC1          1H
P1            8.60 usec
PL1           0.50 dB
PL1W          8.95488453 W
SFO1          399.9918734 MHz
SI            65536
SF            399.9900088 MHz
WDW           no
SSB           0
LB            0.00 Hz
GB            0
PC            1.00
    
```



```

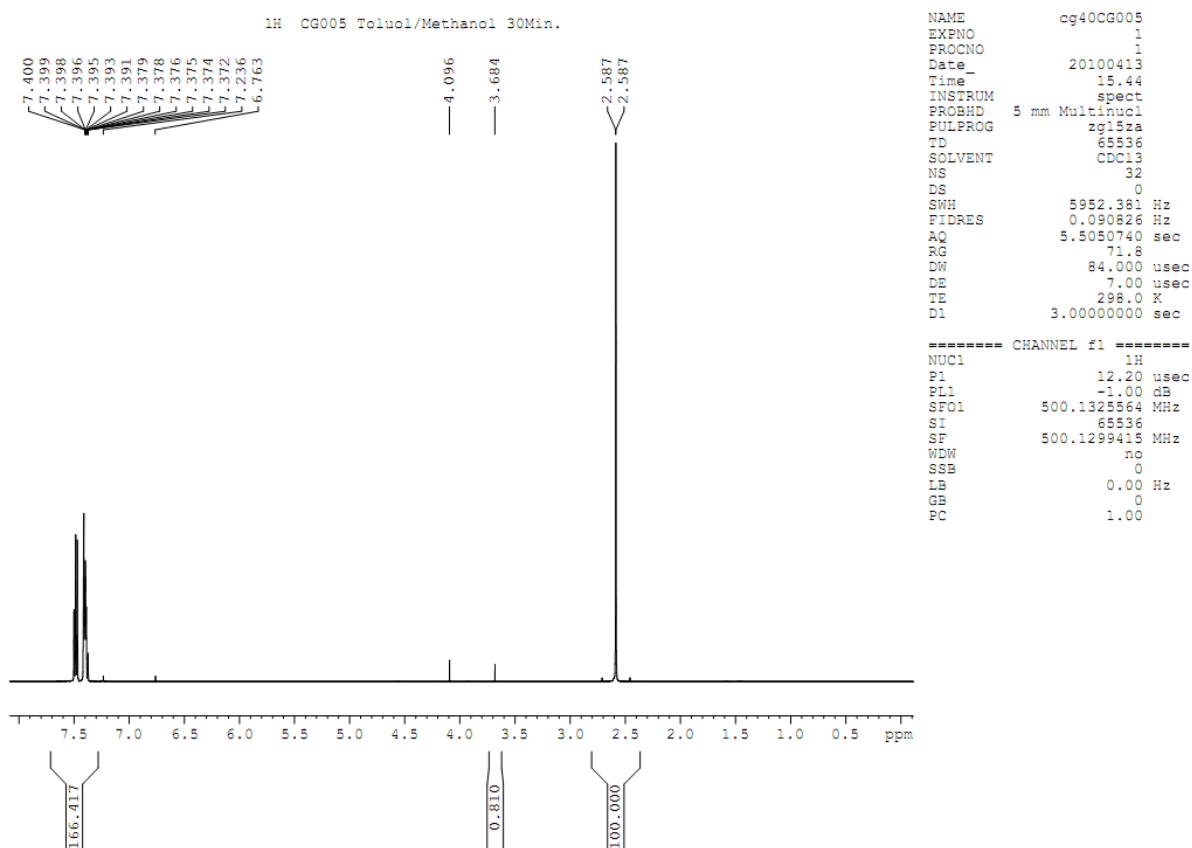
NAME          cg30cg004
EXPNO         7
PROCNO        1
Date_         20100326
Time         8.11
INSTRUM       spect
PROBHD        5 mm PABBI 1H/
PULPROG       zg30
TD            65536
SOLVENT       CDC13
NS            32
DS            0
SWH           5841.122 Hz
FIDRES        0.089128 Hz
AQ            5.6099315 sec
RG            18
DW            85.600 usec
DE            6.50 usec
TE            298.2 K
D1            3.00000000 sec
D11           1
TDO           1

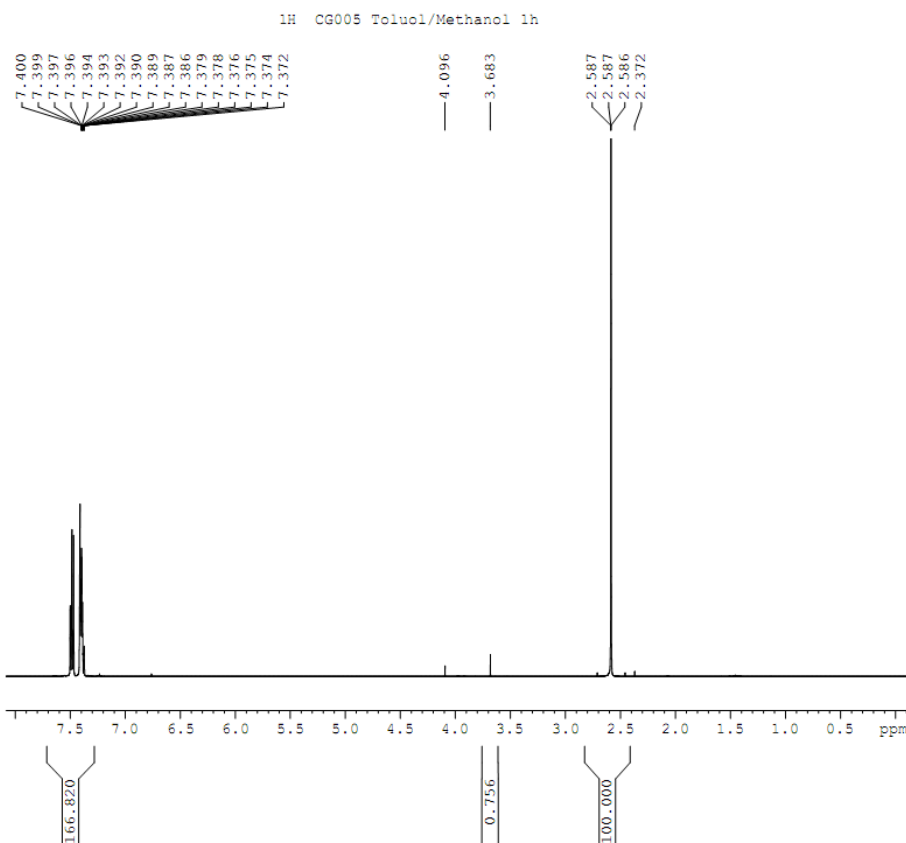
----- CHANNEL f1 -----
NUC1          1H
P1            8.60 usec
PL1           0.50 dB
PL1W          8.95488453 W
SFO1          399.9918734 MHz
SI            65536
SF            399.9900088 MHz
WDW           no
SSB           0
LB            0.00 Hz
GB            0
PC            1.00
    
```



## Mit Aluminiumphosphat

Monitoring einer C<sub>10</sub>-Biscyanoacrylat-Synthese (Destillat) ohne zusätzlichen Aluminiumphosphat-Katalysator mit Hilfe der NMR. Methanol-Signal bei 3,68 ppm. Das Destillat wurde im Laufe der Reaktion nach 30 Minuten und dann stündlich untersucht.



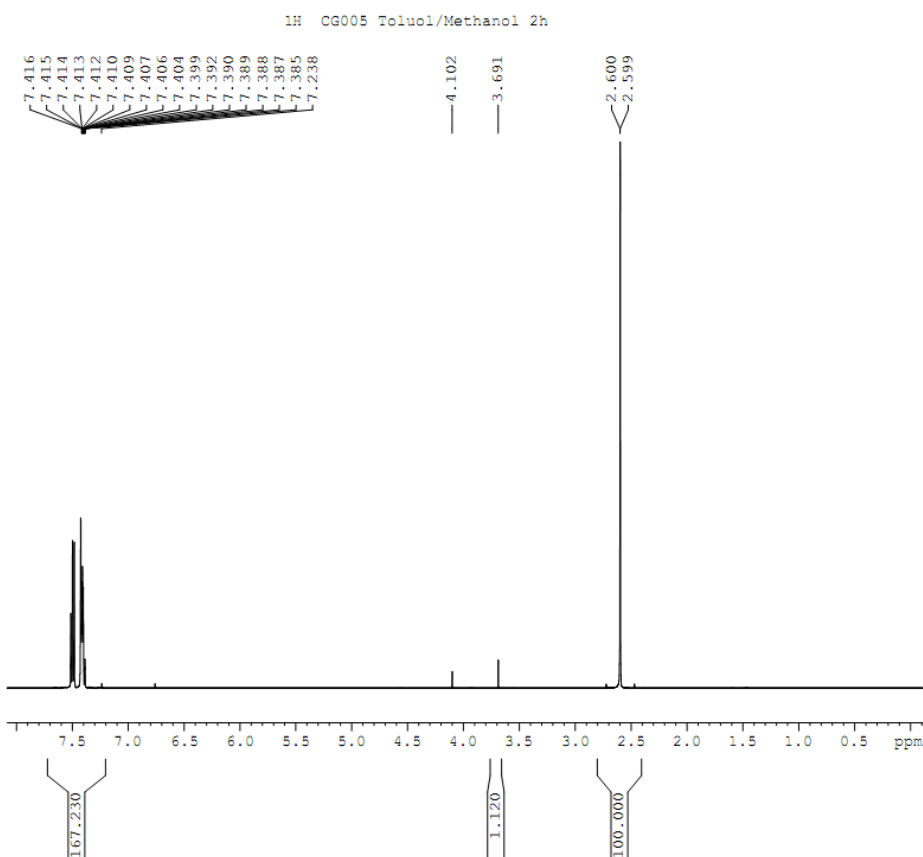


```

NAME      cg40CG005
EXPNO    2
PROCNO   1
Date_    20100413
Time     16.00
INSTRUM  spect
PROBHD   5 mm Multinucl
PULPROG  zg15za
TD       65536
SOLVENT  CDCl3
NS       32
DS       0
SWH      5952.381 Hz
FIDRES   0.090826 Hz
AQ       5.5050740 sec
RG       101.6
DW       84.000 usec
DE       7.00 usec
TE       298.0 K
D1       3.00000000 sec
    
```

```

===== CHANNEL f1 =====
NUC1     1H
P1       12.20 usec
PL1     -1.00 dB
SFO1    500.1325564 MHz
SI       65536
SF      500.1299415 MHz
WDW      no
SSB      0
LB       0.00 Hz
GB       0
PC       1.00
    
```

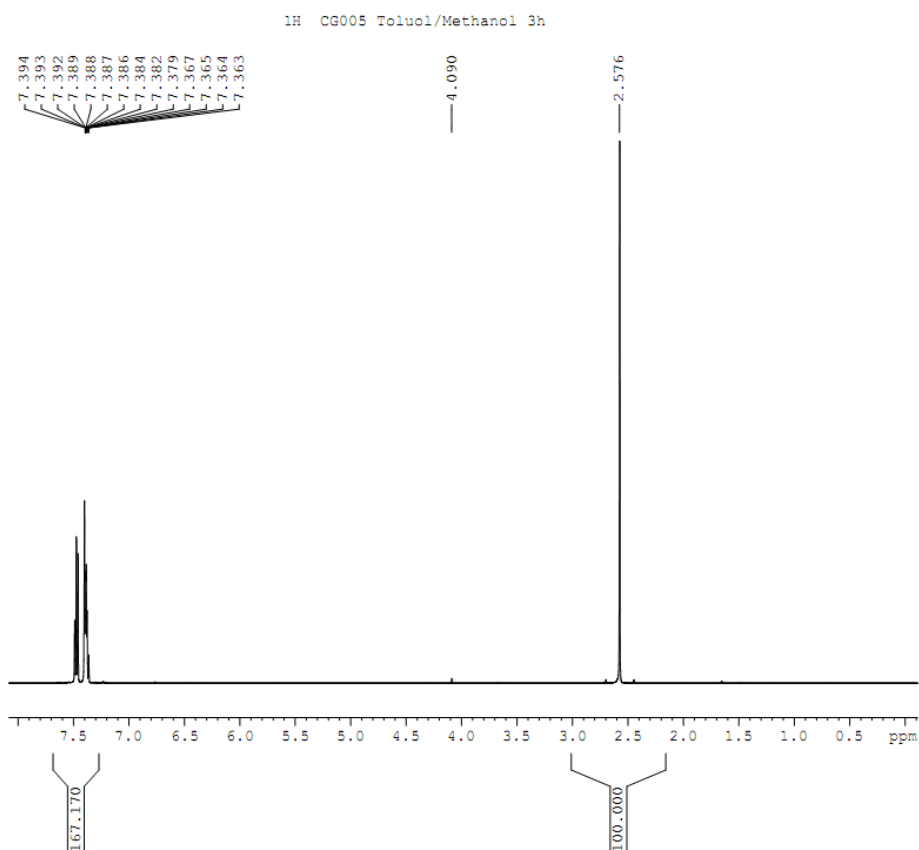


```

NAME      cg40CG005
EXPNO    3
PROCNO   1
Date_    20100413
Time     16.14
INSTRUM  spect
PROBHD   5 mm Multinucl
PULPROG  zg15za
TD       65536
SOLVENT  CDCl3
NS       32
DS       0
SWH      5952.381 Hz
FIDRES   0.090826 Hz
AQ       5.5050740 sec
RG       64
DW       84.000 usec
DE       7.00 usec
TE       298.0 K
D1       3.00000000 sec
    
```

```

===== CHANNEL f1 =====
NUC1     1H
P1       12.20 usec
PL1     -1.00 dB
SFO1    500.1325564 MHz
SI       65536
SF      500.1299415 MHz
WDW      no
SSB      0
LB       0.00 Hz
GB       0
PC       1.00
    
```

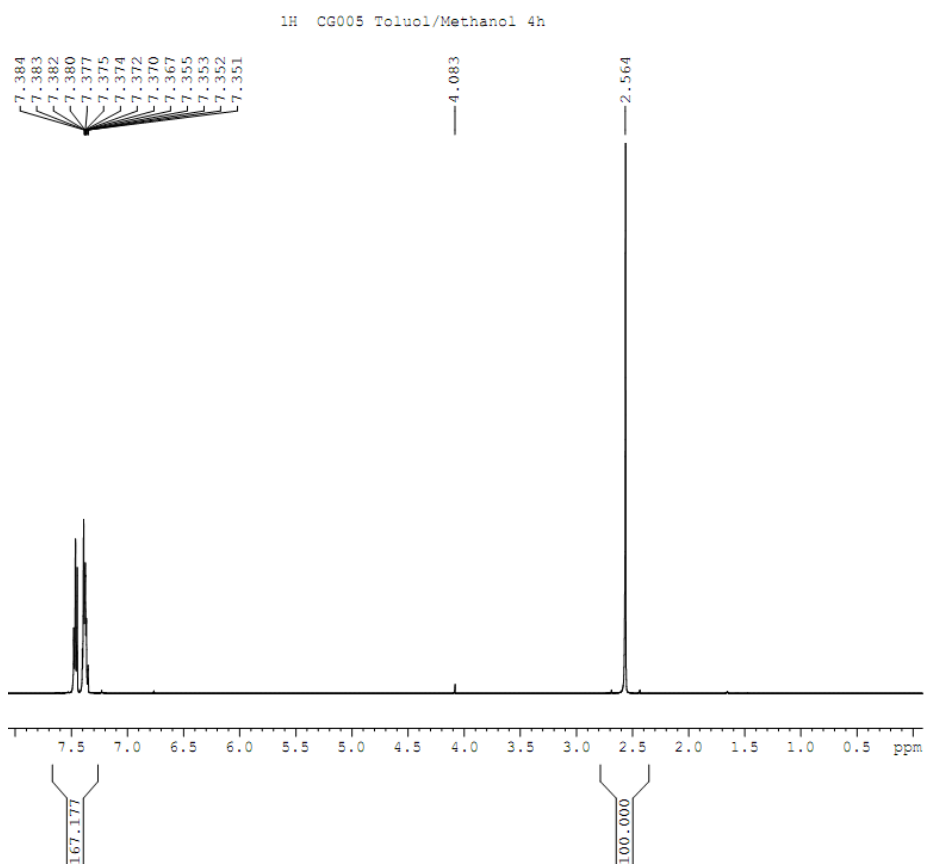


```

NAME      cg40CG005
EXPNO     4
PROCNO    1
Date_     20100413
Time      16.26
INSTRUM   spect
PROBHD    5 mm Multinucl
PULPROG   zg15za
TD         65536
SOLVENT   CDC13
NS         32
DS         0
SWH       5952.381 Hz
FIDRES    0.090826 Hz
AQ        5.5050740 sec
RG        101.6
DW        84.000 usec
DE        7.00 usec
TE        298.0 K
D1        3.00000000 sec
    
```

```

===== CHANNEL f1 =====
NUC1      1H
P1        12.20 usec
PL1       -1.00 dB
SFO1     500.1325564 MHz
SI        65536
SF        500.1299415 MHz
WDW       no
SSB       0
LB        0.00 Hz
GB        0
PC        1.00
    
```



```

NAME      cg40CG005
EXPNO     5
PROCNO    1
Date_     20100413
Time      16.38
INSTRUM   spect
PROBHD    5 mm Multinucl
PULPROG   zg15za
TD         65536
SOLVENT   CDC13
NS         32
DS         0
SWH       5952.381 Hz
FIDRES    0.090826 Hz
AQ        5.5050740 sec
RG        114
DW        84.000 usec
DE        7.00 usec
TE        298.0 K
D1        3.00000000 sec
    
```

```

===== CHANNEL f1 =====
NUC1      1H
P1        12.20 usec
PL1       -1.00 dB
SFO1     500.1325564 MHz
SI        65536
SF        500.1299415 MHz
WDW       EM
SSB       0
LB        0.10 Hz
GB        0
PC        1.00
    
```