

Data Path : Z:\HPCHEM1\BNA\_F\DATA\BF051315\  
 Data File : BF079213.D  
 Acq On : 14 May 2015 00:33  
 Operator : TP/IZ  
 Sample : G2202-18  
 Misc :  
 ALS Vial : 18 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :  
 G-COMP

Quant Time: May 14 02:24:52 2015  
 Quant Method : Z:\HPCHEM1\BNA\_F\METHODS\8270-BF043015.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Thu May 14 00:58:22 2015  
 Response via : Initial Calibration

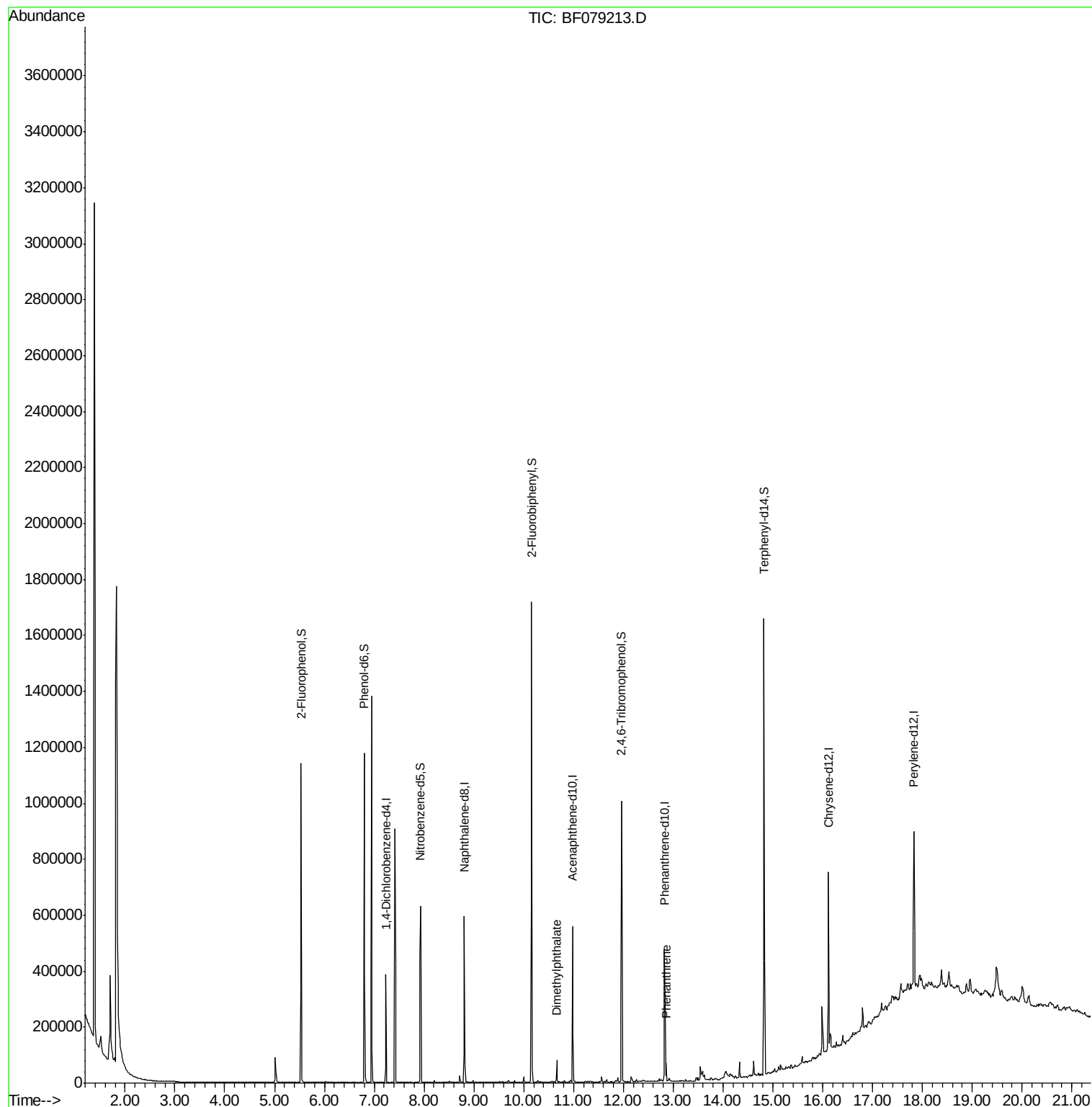
| Internal Standards          | R.T.  | QIon | Response | Conc   | Units | Dev(Min) |
|-----------------------------|-------|------|----------|--------|-------|----------|
| 1) 1,4-Dichlorobenzene-d4   | 7.23  | 152  | 58711    | 20.00  | ng    | 0.00     |
| 21) Naphthalene-d8          | 8.81  | 136  | 259901   | 20.00  | ng    | 0.00     |
| 38) Acenaphthene-d10        | 10.98 | 164  | 117737   | 20.00  | ng    | 0.00     |
| 63) Phenanthrene-d10        | 12.82 | 188  | 223614   | 20.00  | ng    | -0.01    |
| 75) Chrysene-d12            | 16.11 | 240  | 238632   | 20.00  | ng    | -0.05    |
| 86) Perylene-d12            | 17.83 | 264  | 246430   | 20.00  | ng    | -0.19    |
| System Monitoring Compounds |       |      |          |        |       |          |
| 5) 2-Fluorophenol           | 5.53  | 112  | 350675   | 102.82 | ng    | 0.00     |
| 7) Phenol-d6                | 6.80  | 99   | 444568   | 98.61  | ng    | 0.00     |
| 23) Nitrobenzene-d5         | 7.93  | 82   | 264110   | 58.40  | ng    | 0.00     |
| 41) 2,4,6-Tribromophenol    | 11.96 | 330  | 129774   | 101.89 | ng    | 0.00     |
| 44) 2-Fluorobiphenyl        | 10.16 | 172  | 574122   | 67.94  | ng    | 0.00     |
| 78) Terphenyl-d14           | 14.82 | 244  | 565589   | 56.74  | ng    | 0.00     |
| Target Compounds            |       |      |          |        |       |          |
| 49) Dimethylphthalate       | 10.66 | 163  | 32600    | 3.77   | ng    | 99       |
| 70) Phenanthrene            | 12.86 | 178  | 25855    | 2.07   | ng    | 99       |

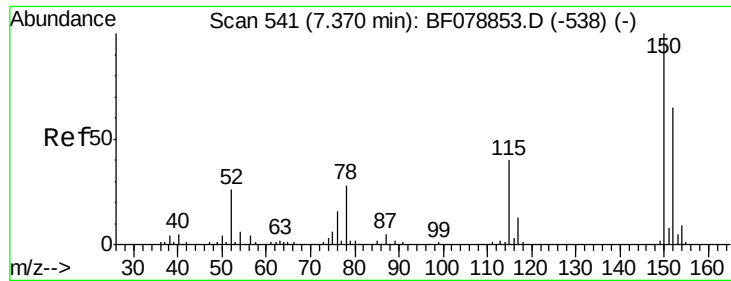
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\HPCHEM1\BNA\_F\DATA\BF051315\  
Data File : BF079213.D  
Acq On : 14 May 2015 00:33  
Operator : TP/IZ  
Sample : G2202-18  
Misc :  
ALS Vial : 18 Sample Multiplier: 1

Instrument :  
BNA\_F  
ClientSampleId :  
G-COMP

Quant Time: May 14 02:24:52 2015  
Quant Method : Z:\HPCHEM1\BNA\_F\METHODS\8270-BF043015.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
QLast Update : Thu May 14 00:58:22 2015  
Response via : Initial Calibration



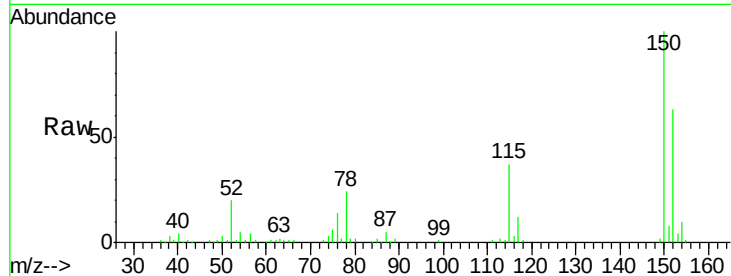


#1

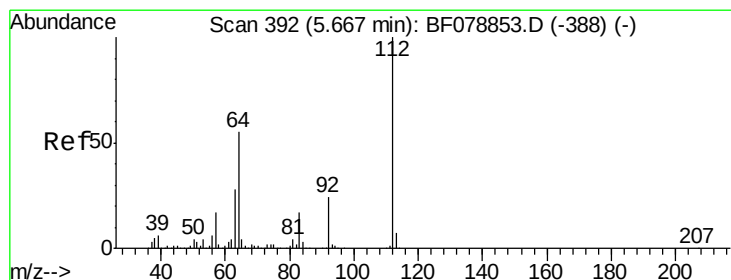
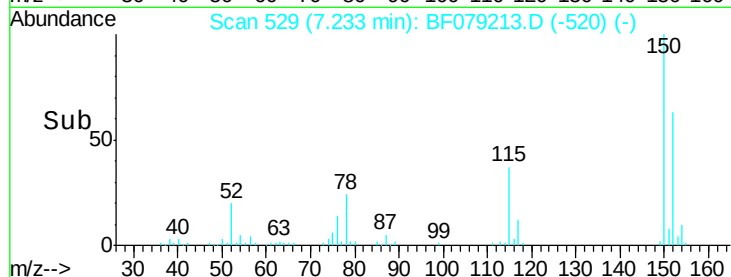
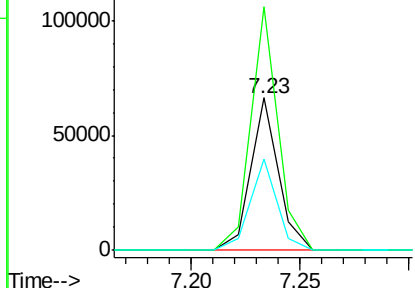
1,4-Dichlorobenzene-d4  
Concen: 20.00 ng  
RT: 7.23 min Scan# 529  
Delta R.T. 0.00 min  
Lab File: BF079213.D  
Acq: 14 May 2015 00:33

Instrument :  
BNA\_F  
ClientSampleId :  
G-COMP

Tgt Ion:152 Resp: 58711  
Ion Ratio Lower Upper  
152 100  
150 159.5 122.0 183.0  
115 59.7 46.3 69.5



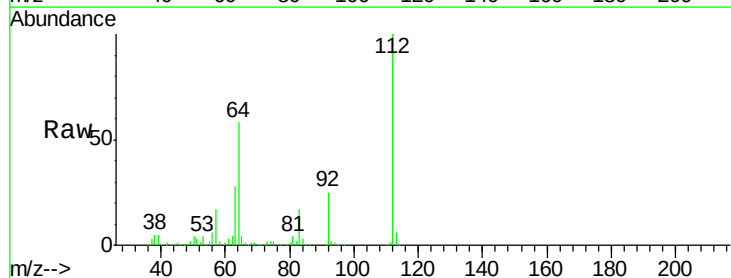
Abundance Ion 152.00 (151.70 to 152.70): E  
Ion 150.00 (149.70 to 150.70): E  
Ion 115.00 (114.70 to 115.70): E



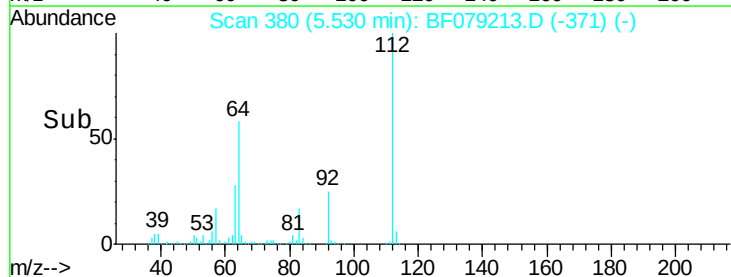
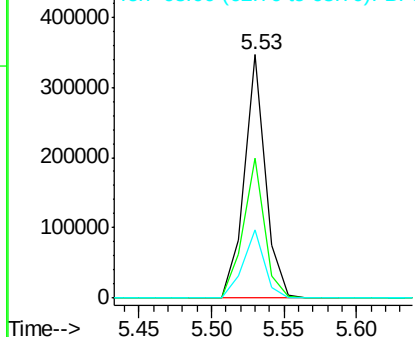
#5

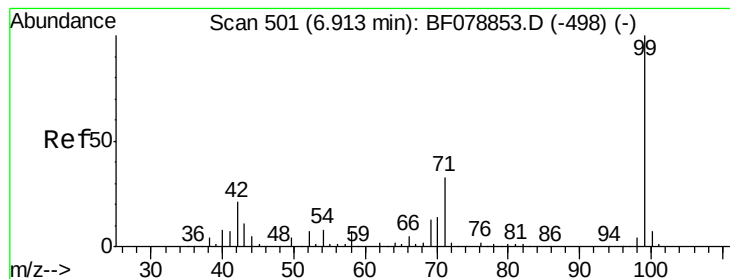
2-Fluorophenol  
Concen: 102.82 ng  
RT: 5.53 min Scan# 380  
Delta R.T. 0.00 min  
Lab File: BF079213.D  
Acq: 14 May 2015 00:33

Tgt Ion:112 Resp: 350675  
Ion Ratio Lower Upper  
112 100  
64 57.5 53.5 80.3  
63 28.0 27.5 41.3



Abundance Ion 112.00 (111.70 to 112.70): E  
Ion 64.00 (63.70 to 64.70): BF0  
Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 98.61 ng

RT: 6.80 min Scan# 491

Delta R.T. 0.00 min

Lab File: BF079213.D

Acq: 14 May 2015 00:33

Instrument :

BNA\_F

ClientSampled :

G-COMP

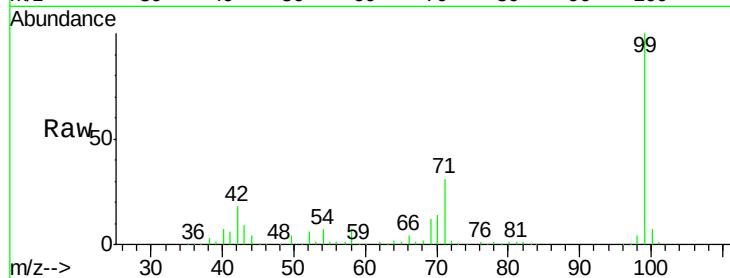
Tgt Ion: 99 Resp: 444568

Ion Ratio Lower Upper

99 100

42 18.3 12.8 19.2

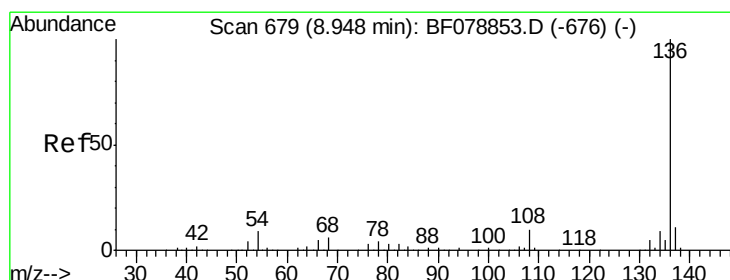
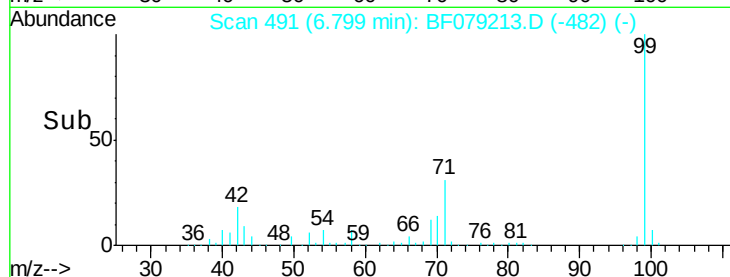
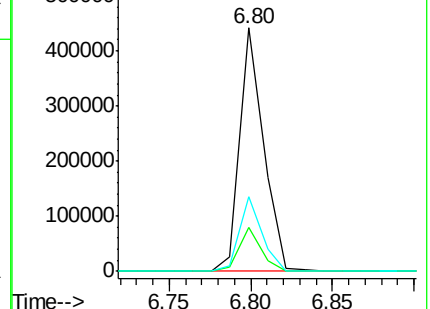
71 30.6 23.4 35.2



Abundance Ion 99.00 (98.70 to 99.70): BF078853.D (-498) (-)

Ion 42.00 (41.70 to 42.70): BF078853.D (-498) (-)

Ion 71.00 (70.70 to 71.70): BF078853.D (-498) (-)



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.81 min Scan# 667

Delta R.T. 0.00 min

Lab File: BF079213.D

Acq: 14 May 2015 00:33

Tgt Ion: 136 Resp: 259901

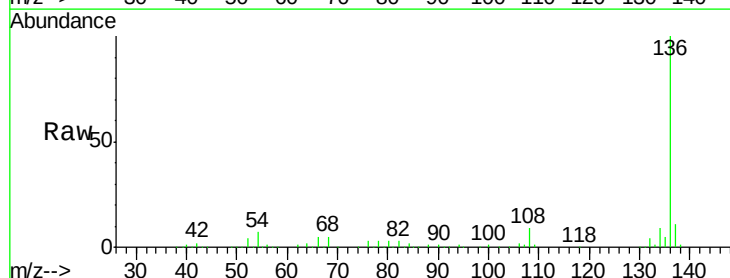
Ion Ratio Lower Upper

136 100

137 10.9 8.7 13.1

54 7.2 5.8 8.8

68 5.5 4.2 6.4

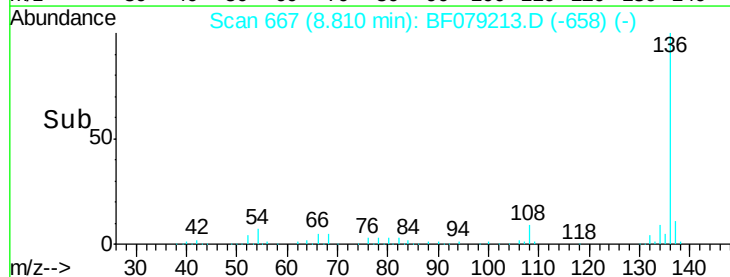
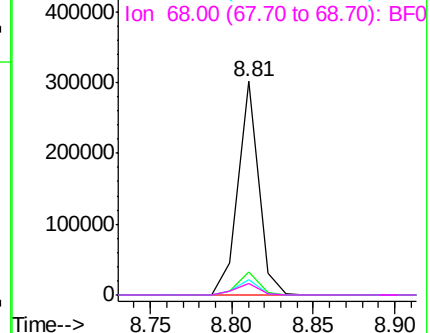


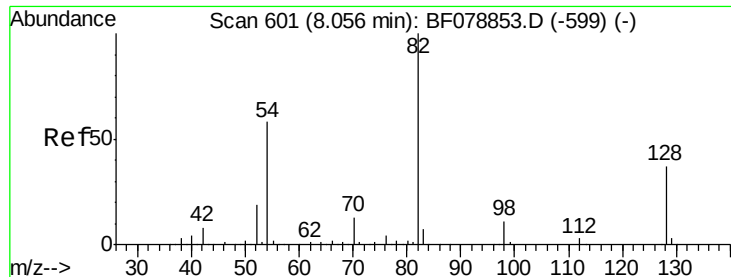
Abundance Ion 136.00 (135.70 to 136.70): BF078853.D (-676) (-)

Ion 137.00 (136.70 to 137.70): BF078853.D (-676) (-)

Ion 54.00 (53.70 to 54.70): BF078853.D (-676) (-)

Ion 68.00 (67.70 to 68.70): BF078853.D (-676) (-)

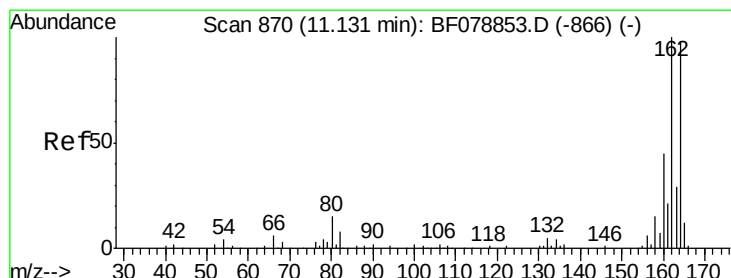
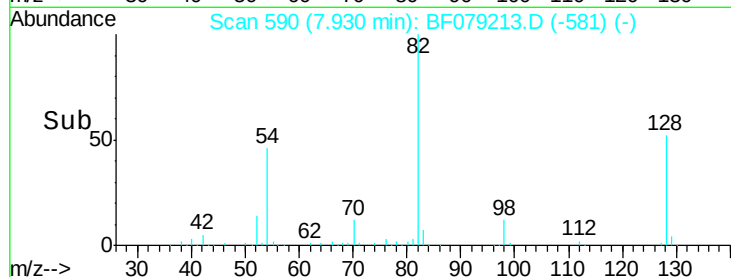
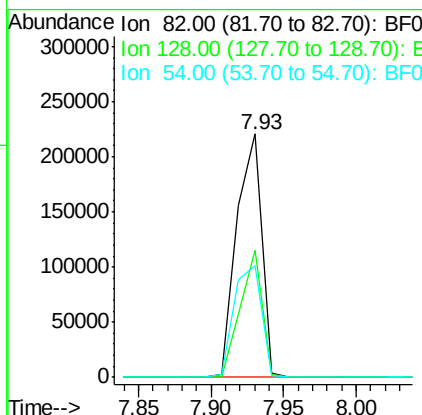
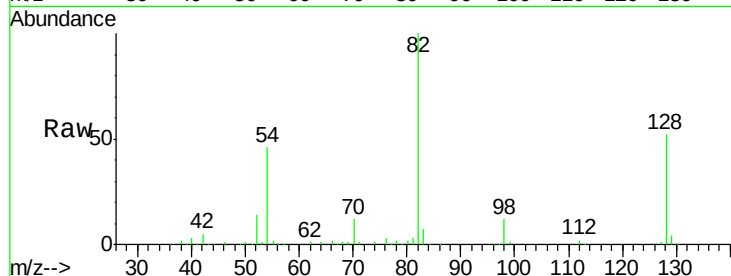




#23  
 Nitrobenzene-d5  
 Concen: 58.40 ng  
 RT: 7.93 min Scan# 590  
 Delta R.T. 0.00 min  
 Lab File: BF079213.D  
 Acq: 14 May 2015 00:33

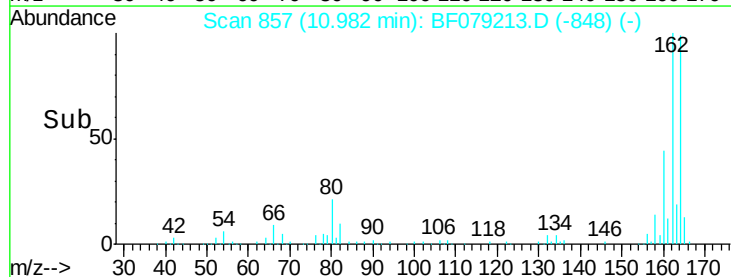
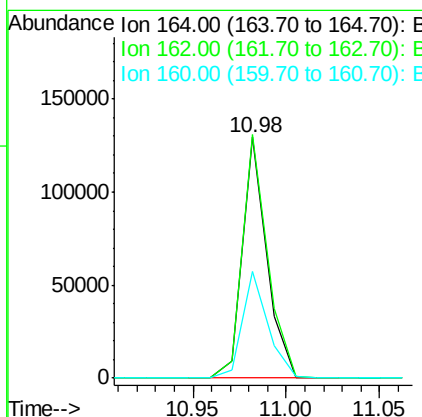
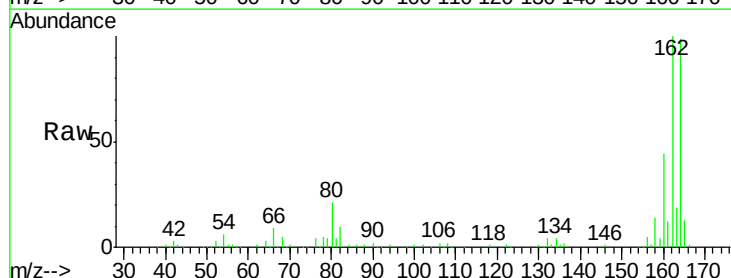
Instrument :  
 BNA\_F  
 ClientSampleId :  
 G-COMP

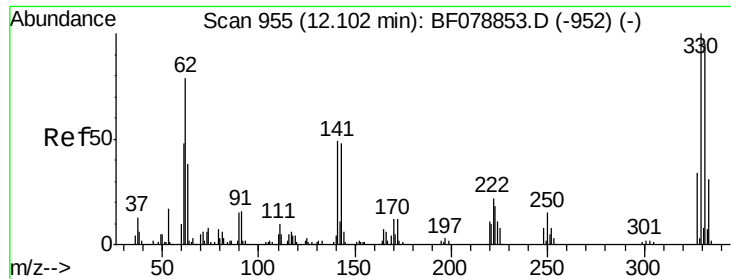
Tgt Ion: 82 Resp: 264110  
 Ion Ratio Lower Upper  
 82 100  
 128 52.2 30.0 45.0#  
 54 45.7 46.4 69.6#



#38  
 Acenaphthene-d10  
 Concen: 20.00 ng  
 RT: 10.98 min Scan# 857  
 Delta R.T. 0.00 min  
 Lab File: BF079213.D  
 Acq: 14 May 2015 00:33

Tgt Ion: 164 Resp: 117737  
 Ion Ratio Lower Upper  
 164 100  
 162 101.2 82.7 124.1  
 160 44.3 35.8 53.8

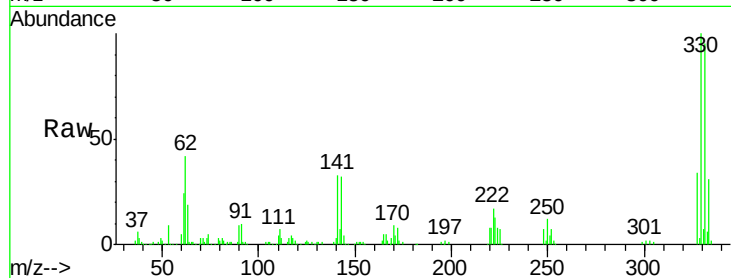




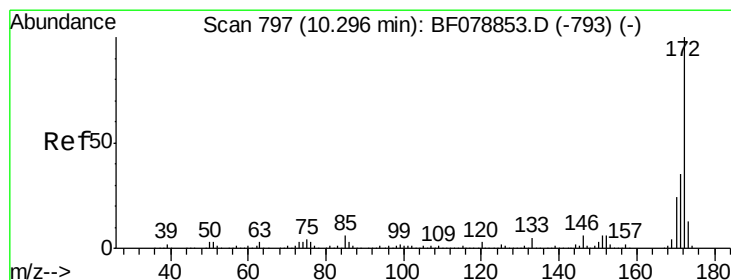
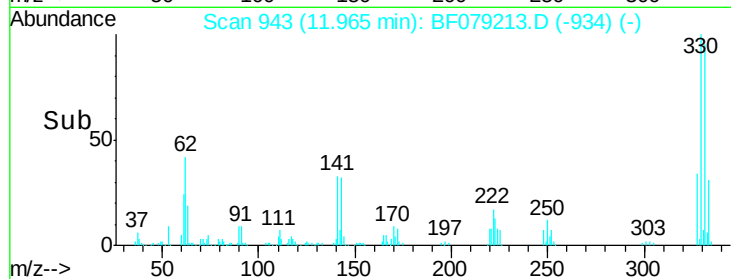
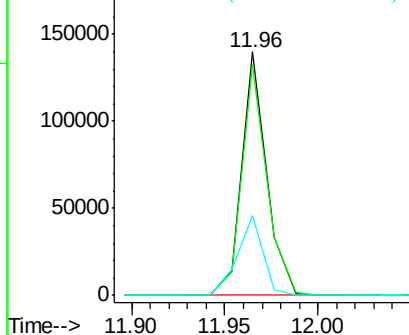
#41  
 2,4,6-Tribromophenol  
 Concen: 101.89 ng  
 RT: 11.96 min Scan# 943  
 Delta R.T. 0.00 min  
 Lab File: BF079213.D  
 Acq: 14 May 2015 00:33

Instrument :  
 BNA\_F  
 ClientSampleId :  
 G-COMP

Tgt Ion:330 Resp: 129774  
 Ion Ratio Lower Upper  
 330 100  
 332 95.8 0.0 0.0#  
 141 33.8 0.0 0.0#

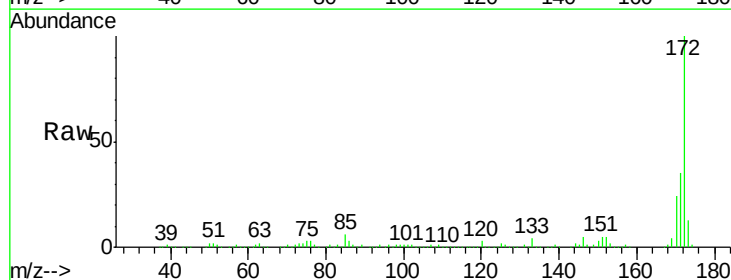


Abundance Ion 329.80 (329.50 to 330.50): E  
 Ion 331.80 (331.50 to 332.50): E  
 Ion 141.00 (140.70 to 141.70): E

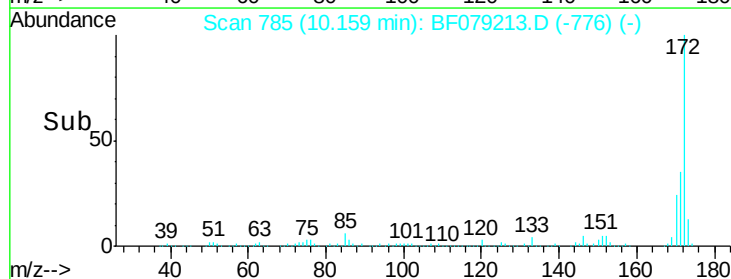
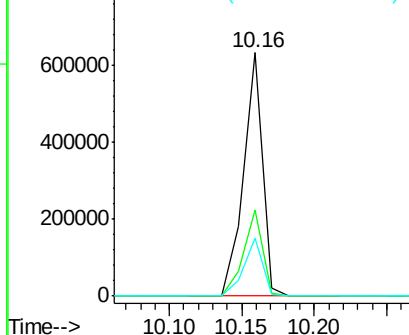


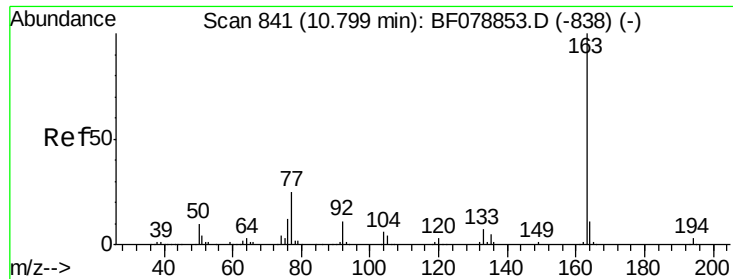
#44  
 2-Fluorobiphenyl  
 Concen: 67.94 ng  
 RT: 10.16 min Scan# 785  
 Delta R.T. 0.00 min  
 Lab File: BF079213.D  
 Acq: 14 May 2015 00:33

Tgt Ion:172 Resp: 574122  
 Ion Ratio Lower Upper  
 172 100  
 171 35.2 27.9 41.9  
 170 23.7 19.4 29.0



Abundance Ion 172.00 (171.70 to 172.70): E  
 Ion 171.00 (170.70 to 171.70): E  
 Ion 170.00 (169.70 to 170.70): E

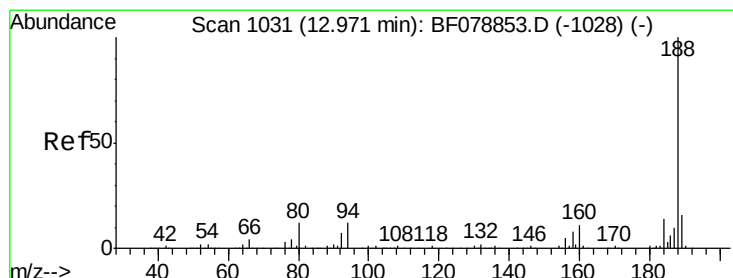
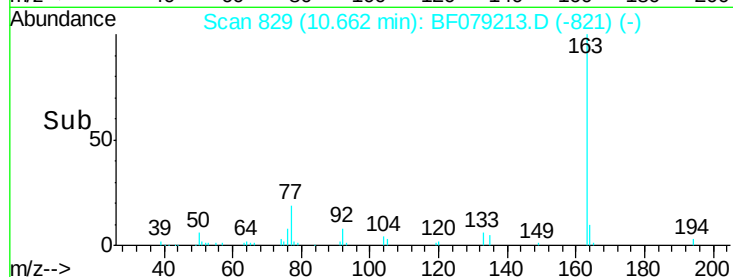
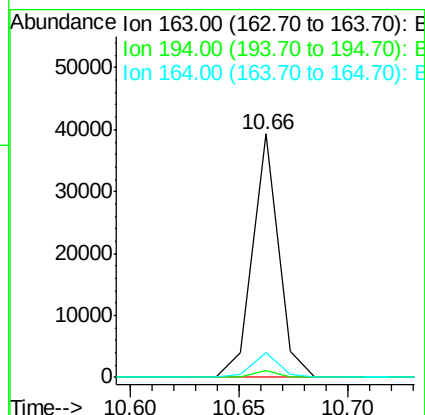
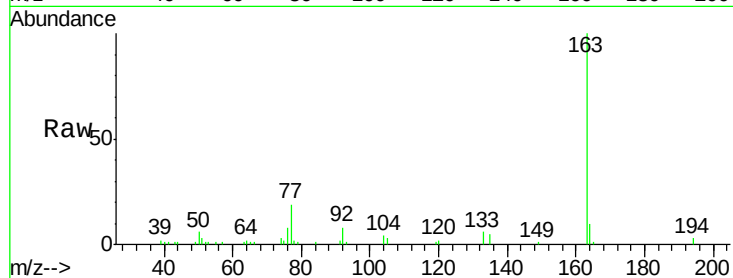




#49  
Dimethylphthalate  
Concen: 3.77 ng  
RT: 10.66 min Scan# 829  
Delta R.T. -0.01 min  
Lab File: BF079213.D  
Acq: 14 May 2015 00:33

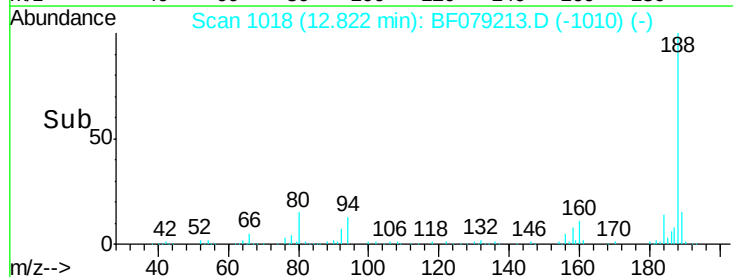
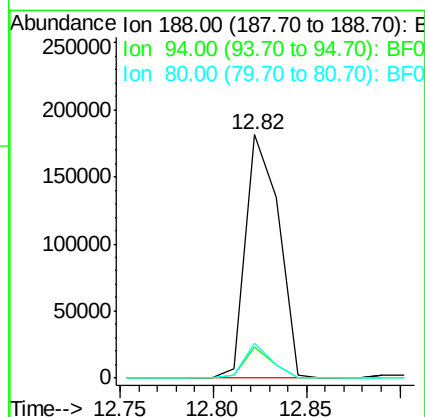
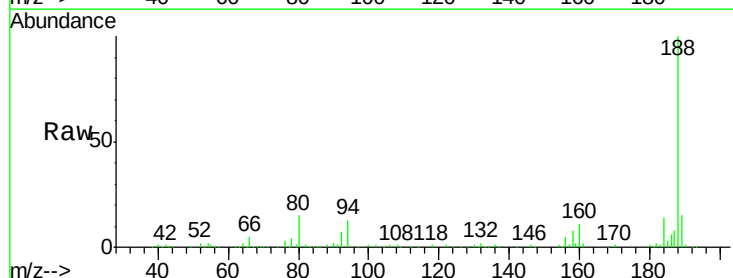
Instrument :  
BNA\_F  
ClientSampleId :  
G-COMP

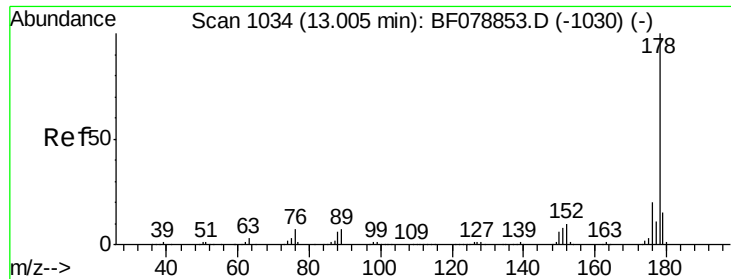
Tgt Ion:163 Resp: 32600  
Ion Ratio Lower Upper  
163 100  
194 2.7 2.6 4.0  
164 10.0 8.1 12.1



#63  
Phenanthrene-d10  
Concen: 20.00 ng  
RT: 12.82 min Scan# 1018  
Delta R.T. -0.01 min  
Lab File: BF079213.D  
Acq: 14 May 2015 00:33

Tgt Ion:188 Resp: 223614  
Ion Ratio Lower Upper  
188 100  
94 13.1 8.2 12.2#  
80 14.6 8.9 13.3#

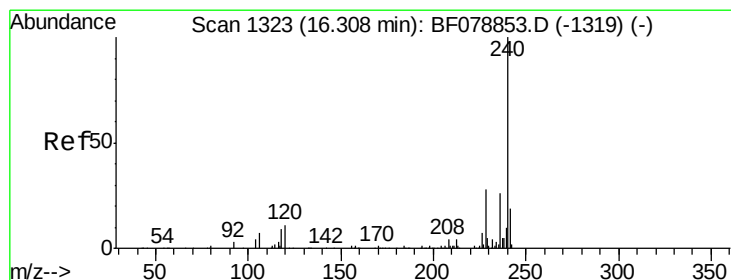
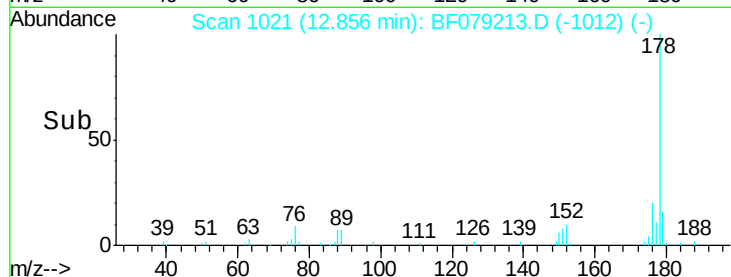
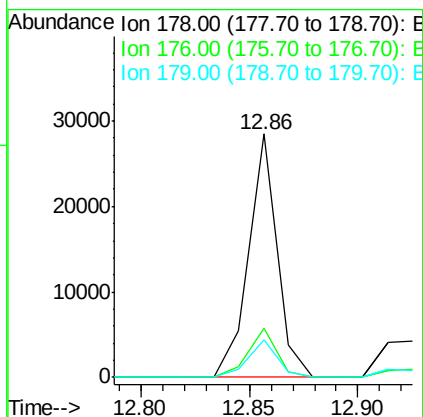
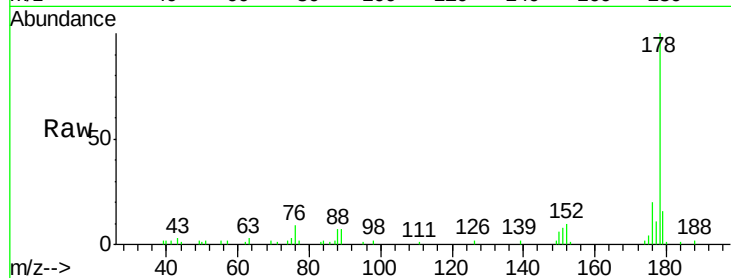




#70  
Phenanthrene  
Concen: 2.07 ng  
RT: 12.86 min Scan# 1021  
Delta R.T. 0.00 min  
Lab File: BF079213.D  
Acq: 14 May 2015 00:33

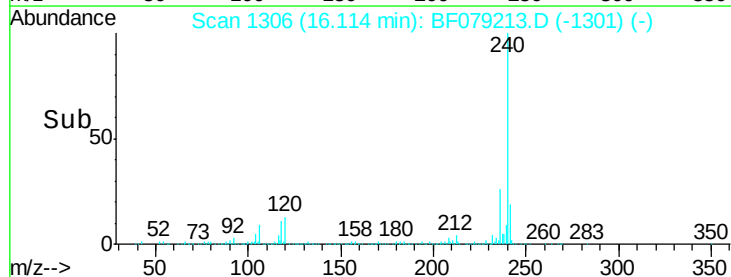
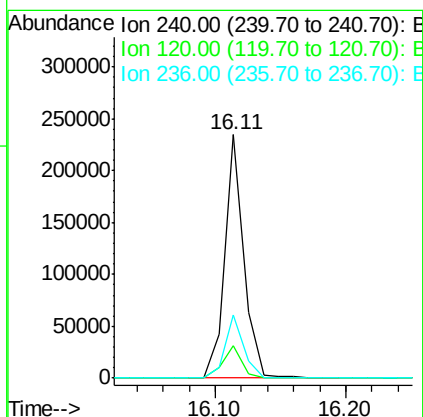
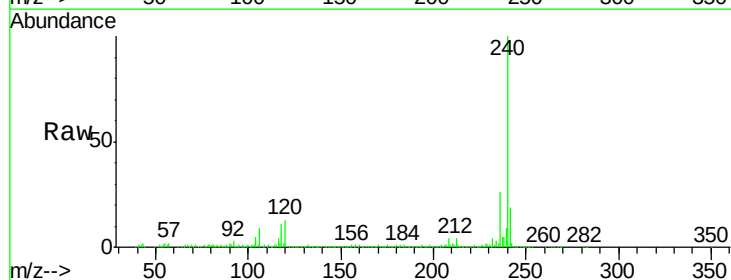
Instrument :  
BNA\_F  
ClientSampleId :  
G-COMP

Tgt Ion:178 Resp: 25855  
Ion Ratio Lower Upper  
178 100  
176 20.2 15.8 23.8  
179 15.6 12.5 18.7

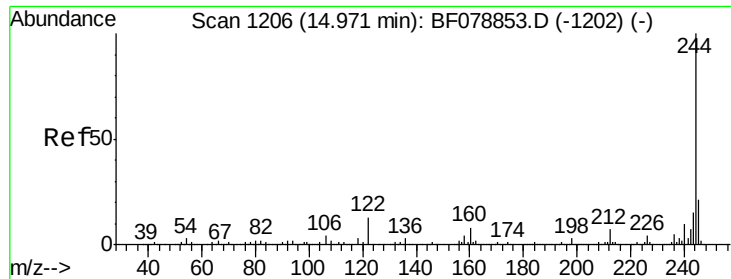


#75  
Chrysene-d12  
Concen: 20.00 ng  
RT: 16.11 min Scan# 1306  
Delta R.T. -0.05 min  
Lab File: BF079213.D  
Acq: 14 May 2015 00:33

Tgt Ion:240 Resp: 238632  
Ion Ratio Lower Upper  
240 100  
120 13.4 9.7 14.5  
236 26.1 20.2 30.4



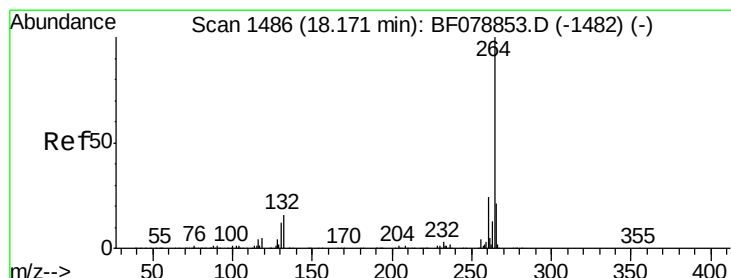
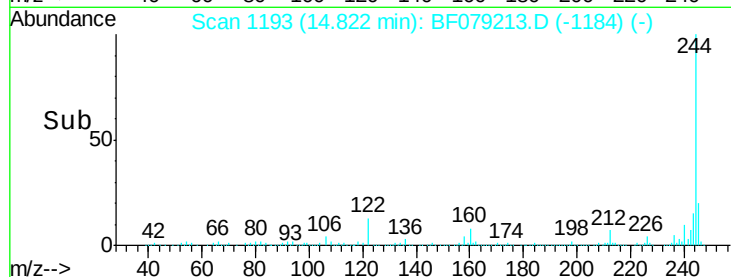
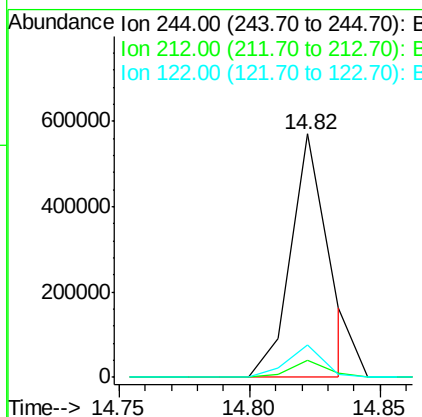
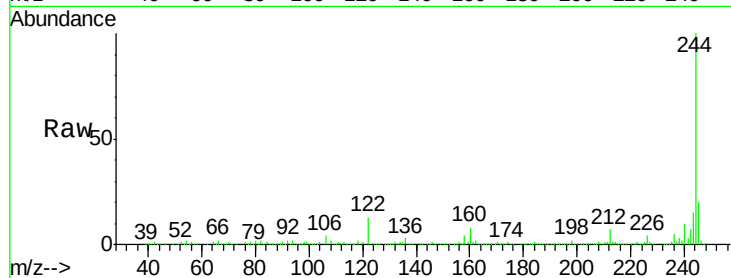




#78  
 Terphenyl-d14  
 Concen: 56.74 ng  
 RT: 14.82 min Scan# 1193  
 Delta R.T. 0.00 min  
 Lab File: BF079213.D  
 Acq: 14 May 2015 00:33

Instrument :  
 BNA\_F  
 ClientSampleId :  
 G-COMP

Tgt Ion: 244 Resp: 565589  
 Ion Ratio Lower Upper  
 244 100  
 212 6.9 5.6 8.4  
 122 13.4 10.3 15.5



#86  
 Perylene-d12  
 Concen: 20.00 ng  
 RT: 17.83 min Scan# 1456  
 Delta R.T. -0.19 min  
 Lab File: BF079213.D  
 Acq: 14 May 2015 00:33

Tgt Ion: 264 Resp: 246430  
 Ion Ratio Lower Upper  
 264 100  
 260 24.2 19.4 29.2  
 265 21.6 18.3 27.5

