

Data Path : Z:\HPCHEM1\BNA\_F\DATA\BF062215\  
 Data File : BF080109.D  
 Acq On : 23 Jun 2015 00:33  
 Operator : TP/IZ  
 Sample : G2706-01  
 Misc :  
 ALS Vial : 15 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :  
 SWD-1

Quant Time: Jun 23 01:46:54 2015  
 Quant Method : Z:\HPCHEM1\BNA\_F\METHODS\8270-BF061715.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Tue Jun 23 00:53:56 2015  
 Response via : Initial Calibration

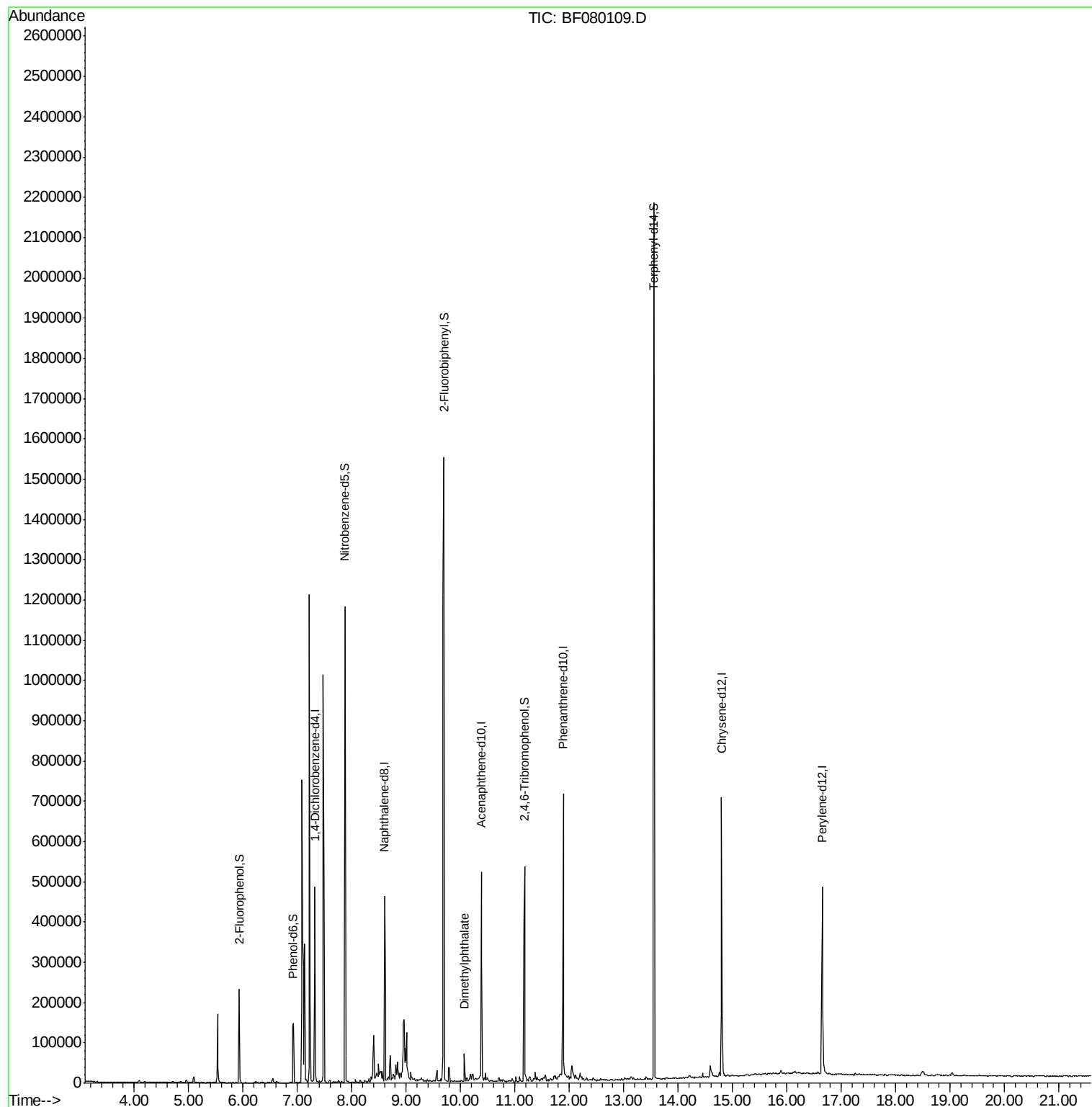
| Internal Standards          | R.T.  | QIon | Response | Conc  | Units | Dev(Min)       |
|-----------------------------|-------|------|----------|-------|-------|----------------|
| 1) 1,4-Dichlorobenzene-d4   | 7.33  | 152  | 52807    | 20.00 | ng    | 0.00           |
| 21) Naphthalene-d8          | 8.61  | 136  | 221353   | 20.00 | ng    | -0.01          |
| 38) Acenaphthene-d10        | 10.38 | 164  | 116781   | 20.00 | ng    | -0.01          |
| 63) Phenanthrene-d10        | 11.89 | 188  | 258389   | 20.00 | ng    | -0.02          |
| 75) Chrysene-d12            | 14.80 | 240  | 266819   | 20.00 | ng    | -0.19          |
| 86) Perylene-d12            | 16.65 | 264  | 254629   | 20.00 | ng    | -0.27          |
| System Monitoring Compounds |       |      |          |       |       |                |
| 5) 2-Fluorophenol           | 5.93  | 112  | 89311    | 29.94 | ng    | 0.00           |
| 7) Phenol-d6                | 6.93  | 99   | 74900    | 18.87 | ng    | 0.00           |
| 23) Nitrobenzene-d5         | 7.88  | 82   | 326117   | 85.77 | ng    | 0.00           |
| 41) 2,4,6-Tribromophenol    | 11.18 | 330  | 82717    | 72.44 | ng    | 0.00           |
| 44) 2-Fluorobiphenyl        | 9.69  | 172  | 682156   | 83.30 | ng    | 0.00           |
| 78) Terphenyl-d14           | 13.56 | 244  | 729375   | 63.84 | ng    | -0.11          |
| Target Compounds            |       |      |          |       |       |                |
| 49) Dimethylphthalate       | 10.07 | 163  | 27469    | 3.13  | ng    | Qvalue<br># 97 |

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

Data Path : Z:\HPCHEM1\BNA\_F\DATA\BF062215\  
Data File : BF080109.D  
Acq On : 23 Jun 2015 00:33  
Operator : TP/IZ  
Sample : G2706-01  
Misc :  
ALS Vial : 15 Sample Multiplier: 1

Instrument :  
BNA\_F  
ClientSampleId :  
SWD-1

Quant Time: Jun 23 01:46:54 2015  
Quant Method : Z:\HPCHEM1\BNA\_F\METHODS\8270-BF061715.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
QLast Update : Tue Jun 23 00:53:56 2015  
Response via : Initial Calibration



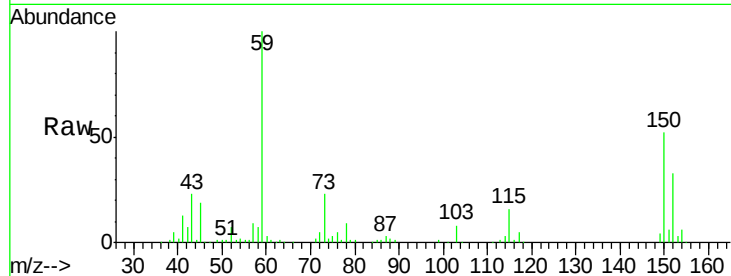


#1

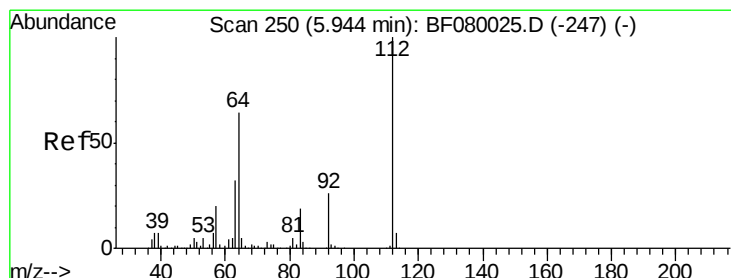
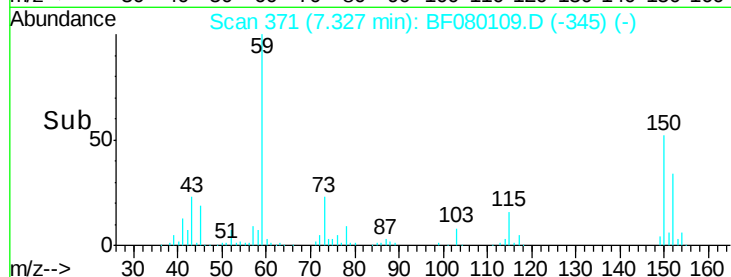
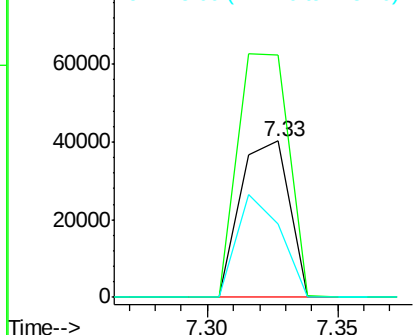
1,4-Dichlorobenzene-d4  
Concen: 20.00 ng  
RT: 7.33 min Scan# 371  
Delta R.T. -0.00 min  
Lab File: BF080109.D  
Acq: 23 Jun 2015 00:33

Instrument :  
BNA\_F  
ClientSampleId :  
SWD-1

Tgt Ion:152 Resp: 52807  
Ion Ratio Lower Upper  
152 100  
150 154.5 124.7 187.1  
115 47.0 39.0 58.4



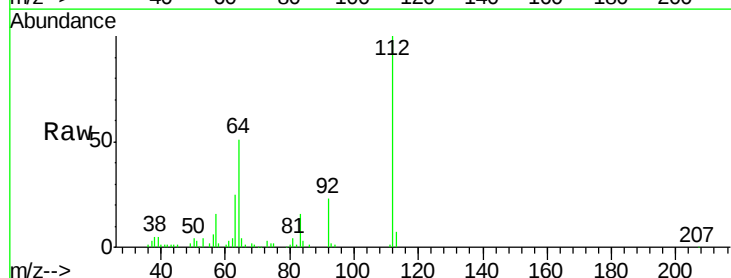
Abundance Ion 152.00 (151.70 to 152.70): E  
Ion 150.00 (149.70 to 150.70): E  
Ion 115.00 (114.70 to 115.70): E



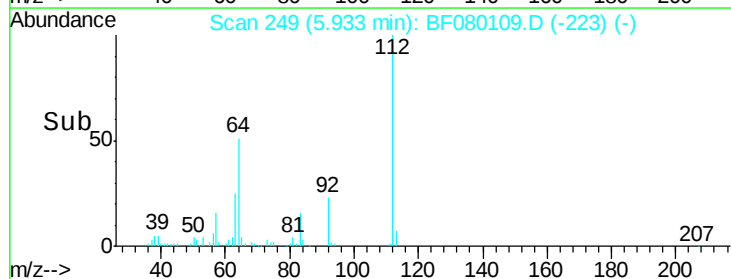
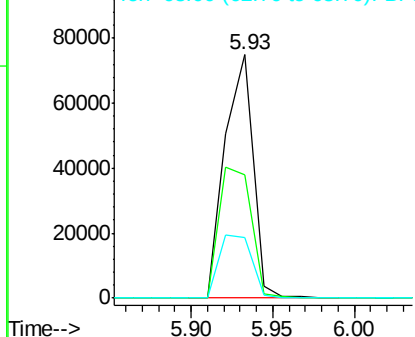
#5

2-Fluorophenol  
Concen: 29.94 ng  
RT: 5.93 min Scan# 249  
Delta R.T. -0.00 min  
Lab File: BF080109.D  
Acq: 23 Jun 2015 00:33

Tgt Ion:112 Resp: 89311  
Ion Ratio Lower Upper  
112 100  
64 50.9 39.7 59.5  
63 25.0 17.4 26.0



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: 18.87 ng

RT: 6.93 min Scan# 336

Delta R.T. -0.00 min

Lab File: BF080109.D

Acq: 23 Jun 2015 00:33

Instrument :

BNA\_F

ClientSampleId :

SWD-1

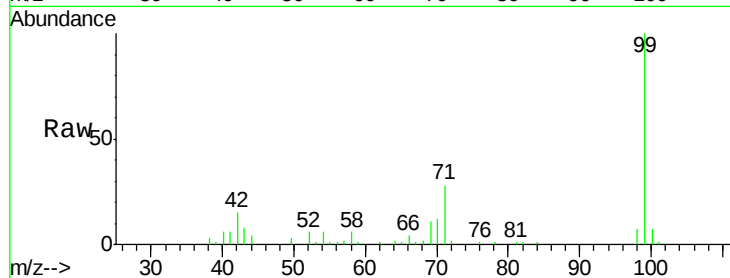
Tgt Ion: 99 Resp: 74900

Ion Ratio Lower Upper

99 100

42 15.3 13.7 20.5

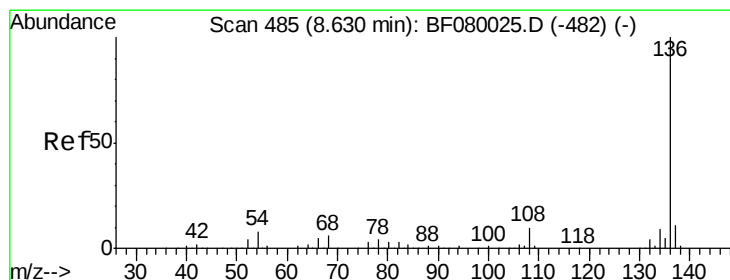
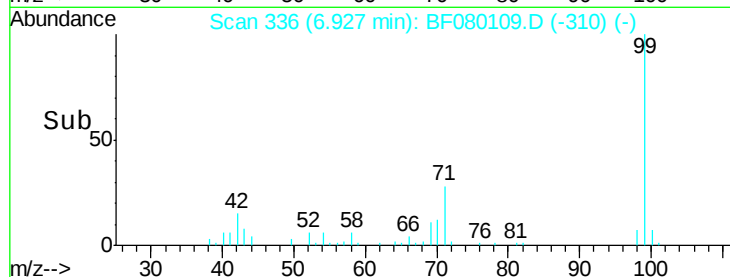
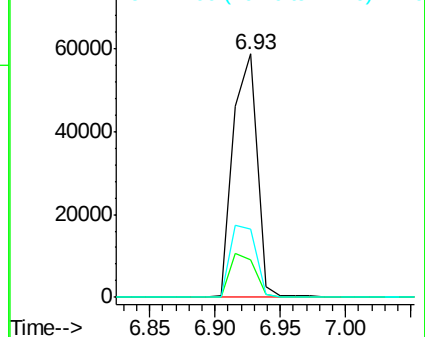
71 28.1 14.2 21.2#



Abundance Ion 99.00 (98.70 to 99.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 71.00 (70.70 to 71.70): BF0



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.61 min Scan# 483

Delta R.T. -0.01 min

Lab File: BF080109.D

Acq: 23 Jun 2015 00:33

Tgt Ion: 136 Resp: 221353

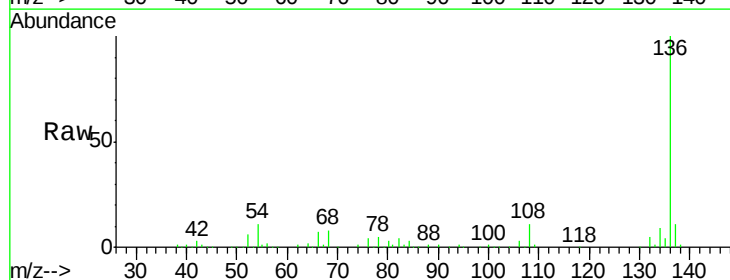
Ion Ratio Lower Upper

136 100

137 11.2 9.0 13.6

54 11.0 8.2 12.2

68 7.7 5.8 8.6

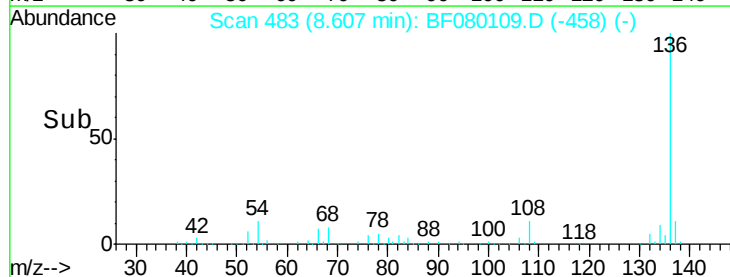
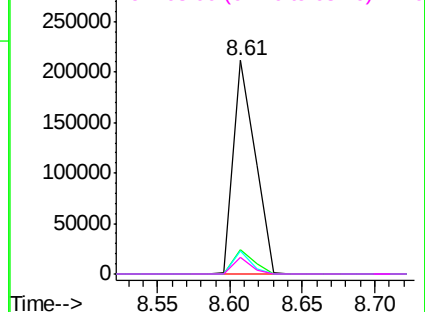


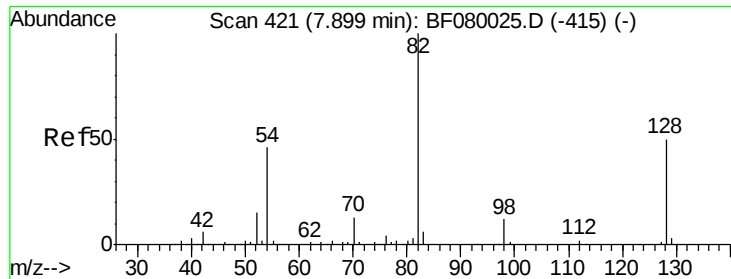
Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF0

Ion 68.00 (67.70 to 68.70): BF0

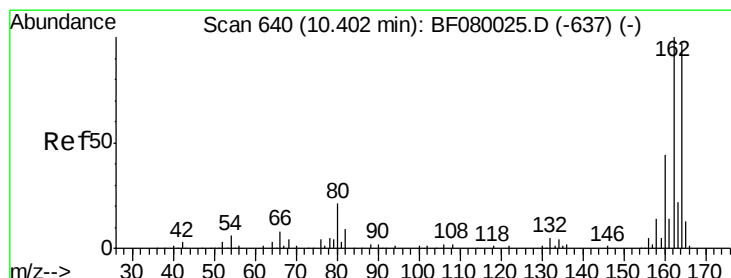
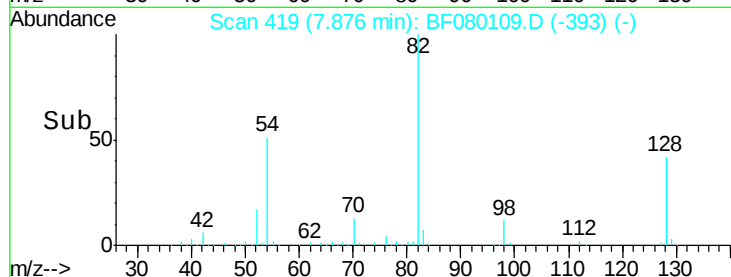
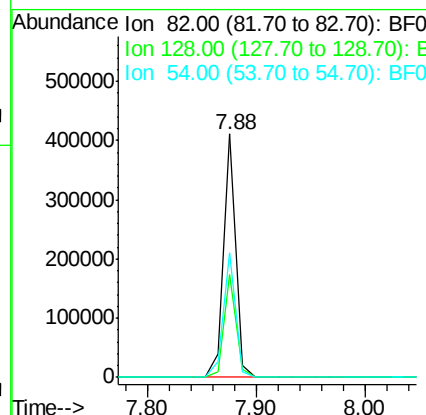
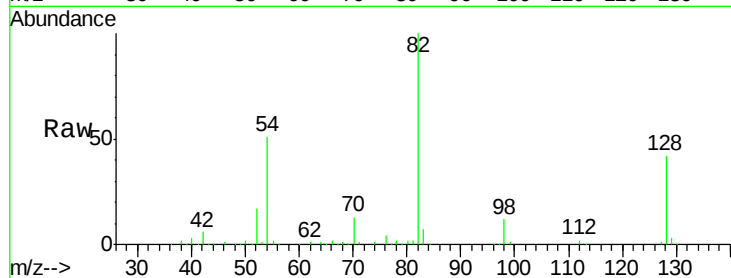




#23  
 Nitrobenzene-d5  
 Concen: 85.77 ng  
 RT: 7.88 min Scan# 419  
 Delta R.T. -0.00 min  
 Lab File: BF080109.D  
 Acq: 23 Jun 2015 00:33

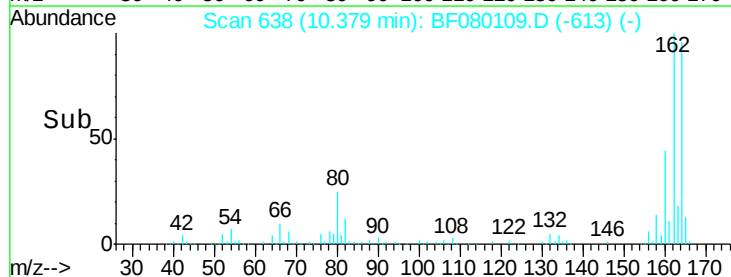
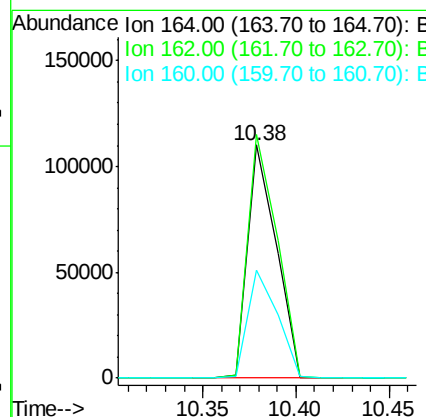
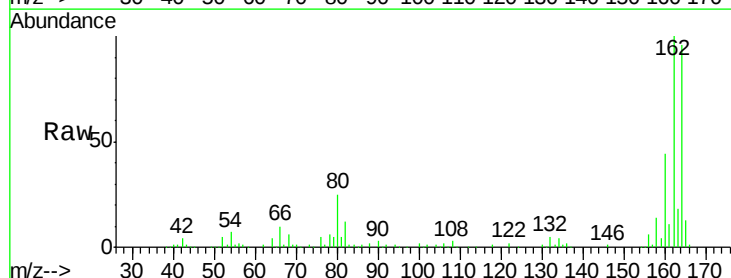
Instrument :  
 BNA\_F  
 ClientSampled :  
 SWD-1

Tgt Ion: 82 Resp: 326117  
 Ion Ratio Lower Upper  
 82 100  
 128 42.1 51.0 76.6#  
 54 51.4 47.5 71.3



#38  
 Acenaphthene-d10  
 Concen: 20.00 ng  
 RT: 10.38 min Scan# 638  
 Delta R.T. -0.01 min  
 Lab File: BF080109.D  
 Acq: 23 Jun 2015 00:33

Tgt Ion: 164 Resp: 116781  
 Ion Ratio Lower Upper  
 164 100  
 162 104.5 75.2 112.8  
 160 46.4 31.5 47.3

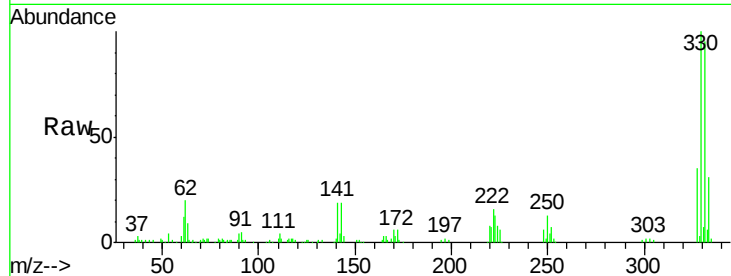




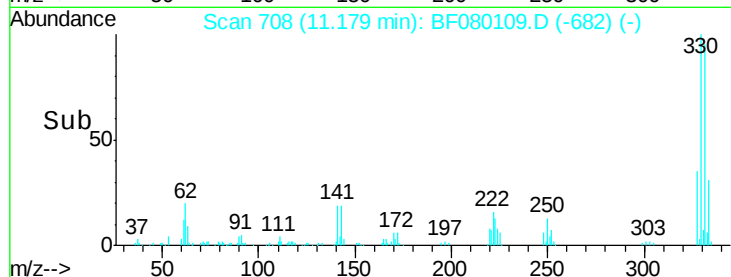
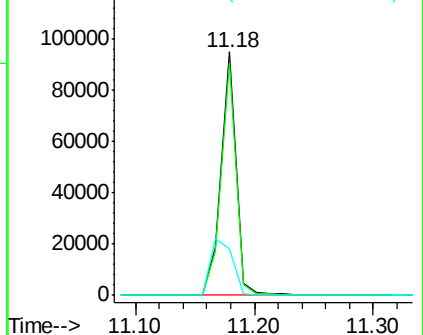
#41  
 2,4,6-Tribromophenol  
 Concen: 72.44 ng  
 RT: 11.18 min Scan# 708  
 Delta R.T. -0.00 min  
 Lab File: BF080109.D  
 Acq: 23 Jun 2015 00:33

Instrument :  
 BNA\_F  
 ClientSampleId :  
 SWD-1

Tgt Ion:330 Resp: 82717  
 Ion Ratio Lower Upper  
 330 100  
 332 94.3 76.6 114.8  
 141 34.5 29.7 44.5

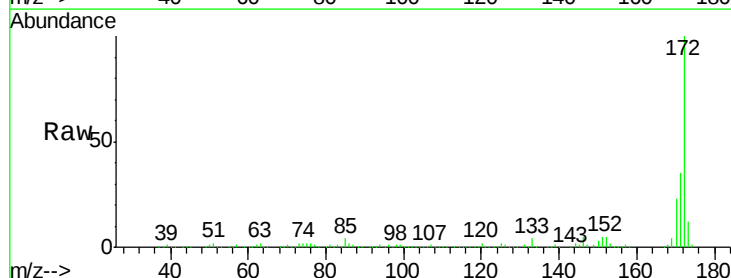


Abundance Ion 329.80 (329.50 to 330.50): E  
 Ion 331.80 (331.50 to 332.50): E  
 Ion 141.00 (140.70 to 141.70): E

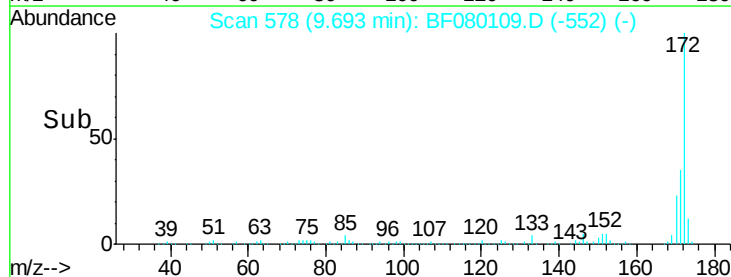
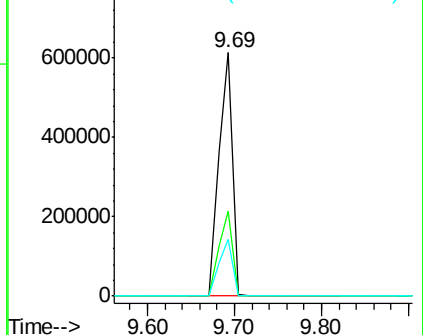


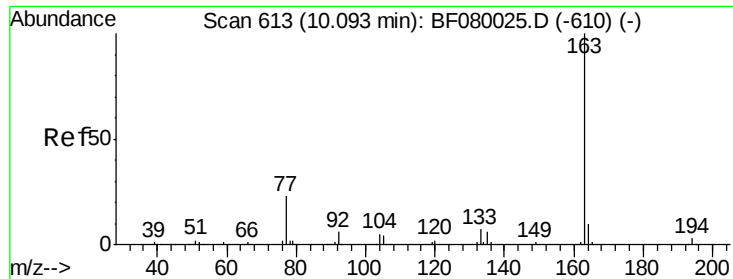
#44  
 2-Fluorobiphenyl  
 Concen: 83.30 ng  
 RT: 9.69 min Scan# 578  
 Delta R.T. -0.00 min  
 Lab File: BF080109.D  
 Acq: 23 Jun 2015 00:33

Tgt Ion:172 Resp: 682156  
 Ion Ratio Lower Upper  
 172 100  
 171 34.8 26.1 39.1  
 170 23.1 17.4 26.2



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

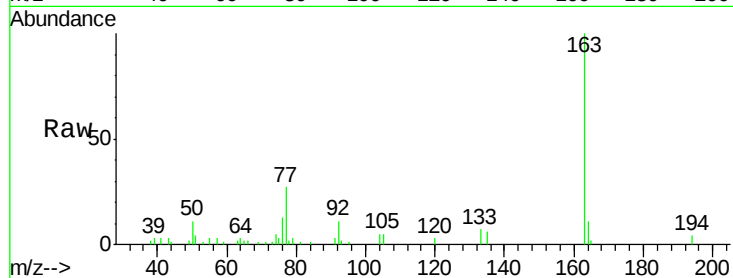




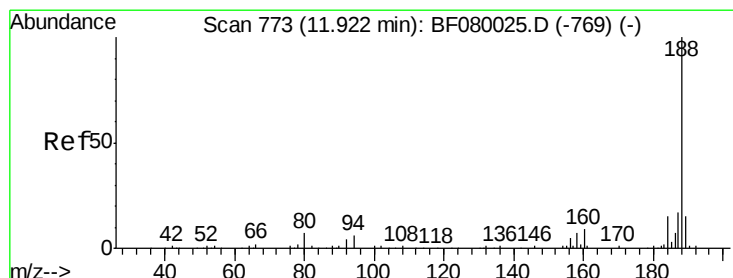
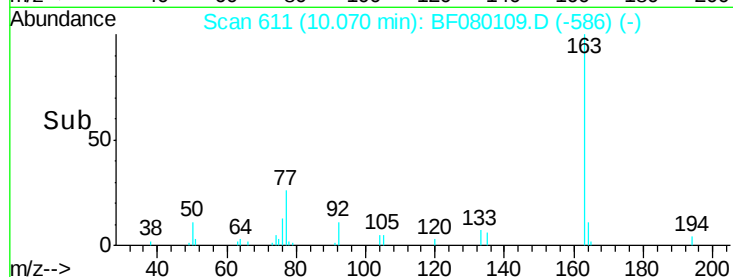
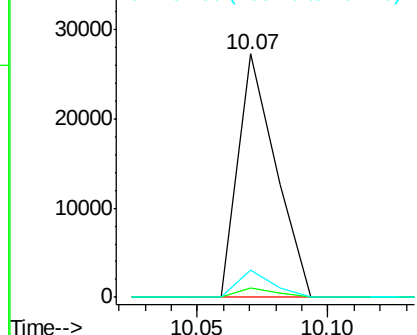
#49  
Dimethylphthalate  
Concen: 3.13 ng  
RT: 10.07 min Scan# 611  
Delta R.T. -0.01 min  
Lab File: BF080109.D  
Acq: 23 Jun 2015 00:33

Instrument :  
BNA\_F  
ClientSampleId :  
SWD-1

Tgt Ion:163 Resp: 27469  
Ion Ratio Lower Upper  
163 100  
194 3.9 4.4 6.6#  
164 11.2 8.3 12.5

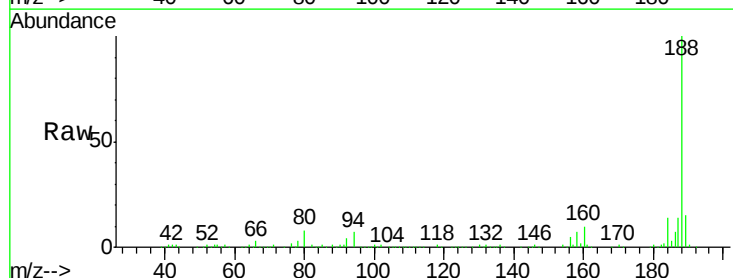


Abundance Ion 163.00 (162.70 to 163.70): E  
Ion 194.00 (193.70 to 194.70): E  
Ion 164.00 (163.70 to 164.70): E

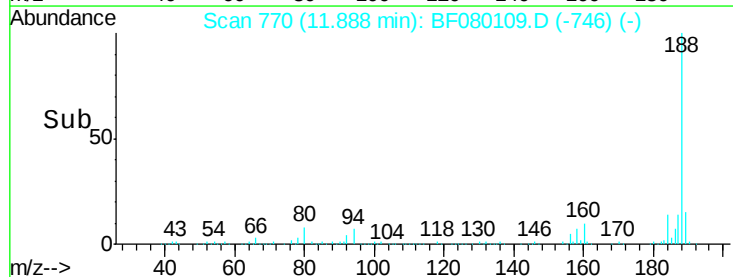
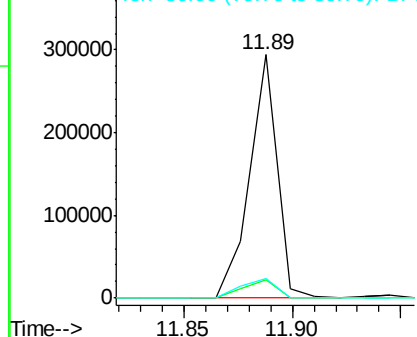


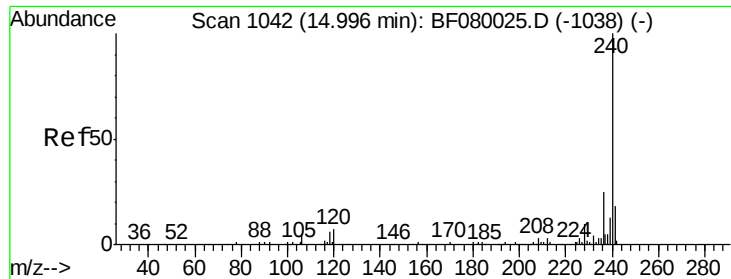
#63  
Phenanthrene-d10  
Concen: 20.00 ng  
RT: 11.89 min Scan# 770  
Delta R.T. -0.02 min  
Lab File: BF080109.D  
Acq: 23 Jun 2015 00:33

Tgt Ion:188 Resp: 258389  
Ion Ratio Lower Upper  
188 100  
94 7.3 11.1 16.7#  
80 8.0 11.0 16.4#



Abundance Ion 188.00 (187.70 to 188.70): E  
Ion 94.00 (93.70 to 94.70): BF0  
Ion 80.00 (79.70 to 80.70): BF0





#75

Chrysene-d12

Concen: 20.00 ng

RT: 14.80 min Scan# 1025

Delta R.T. -0.19 min

Lab File: BF080109.D

Acq: 23 Jun 2015 00:33

Instrument :

BNA\_F

ClientSampleId :

SWD-1

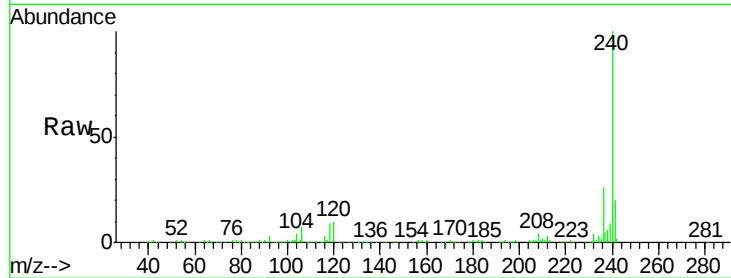
Tgt Ion:240 Resp: 266819

Ion Ratio Lower Upper

240 100

120 10.1 16.2 24.2#

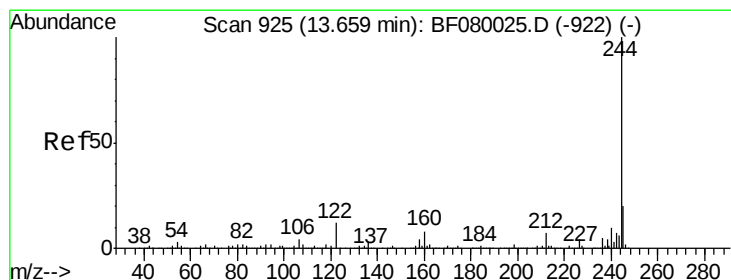
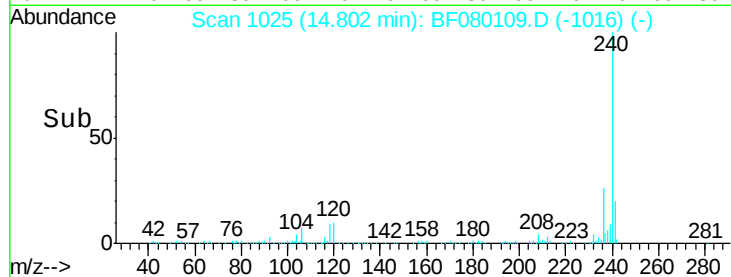
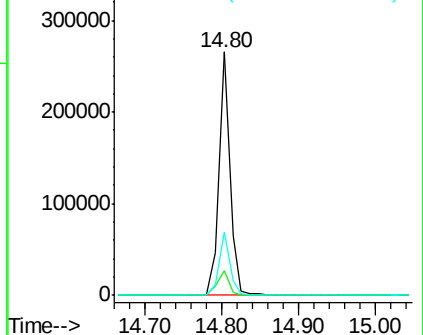
236 26.2 18.4 27.6



Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#78

Terphenyl-d14

Concen: 63.84 ng

RT: 13.56 min Scan# 916

Delta R.T. -0.11 min

Lab File: BF080109.D

Acq: 23 Jun 2015 00:33

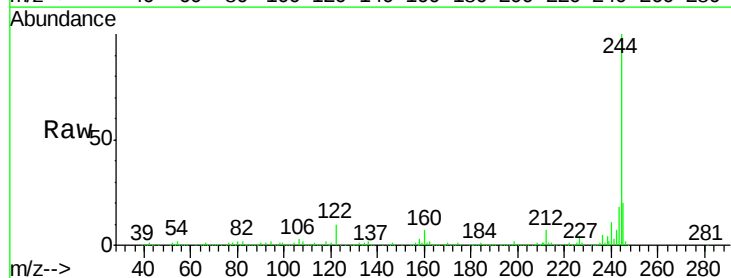
Tgt Ion:244 Resp: 729375

Ion Ratio Lower Upper

244 100

212 7.0 4.3 6.5#

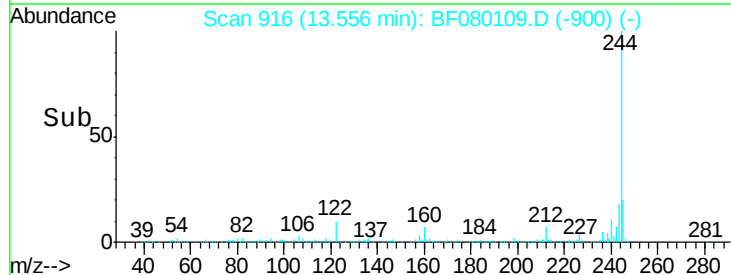
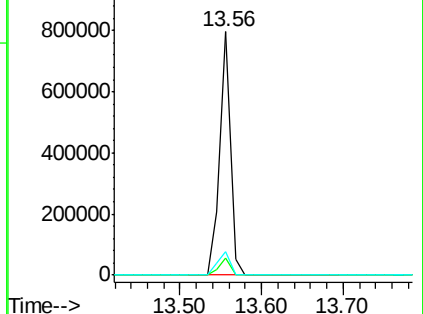
122 9.9 17.4 26.2#

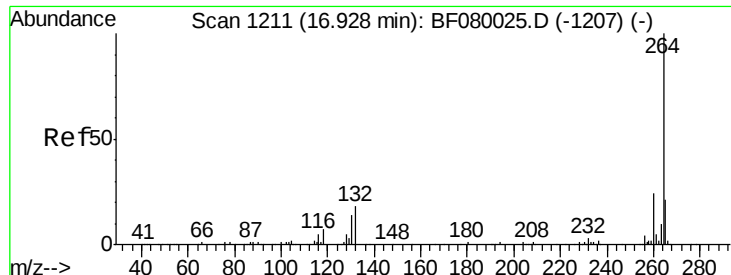


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

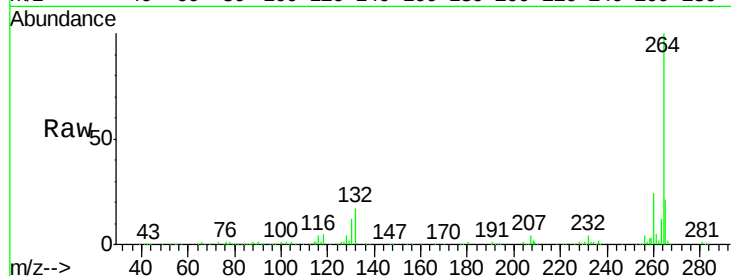




#86  
Perylene-d12  
Concen: 20.00 ng  
RT: 16.65 min Scan# 1187  
Delta R.T. -0.27 min  
Lab File: BF080109.D  
Acq: 23 Jun 2015 00:33

Instrument :  
BNA\_F  
ClientSampleId :  
SWD-1

Tgt Ion: 264 Resp: 254629  
Ion Ratio Lower Upper  
264 100  
260 24.4 16.7 25.1  
265 21.5 17.2 25.8



Abundance Ion 264.00 (263.70 to 264.70): E  
Ion 260.00 (259.70 to 260.70): E  
Ion 265.00 (264.70 to 265.70): E

