

Data Path : Z:\HPCHEM1\BNA F\DATA\BF100215\  
 Data File : BF082012.D  
 Acq On : 3 Oct 2015 9:01  
 Operator : UM/IZ  
 Sample : G3905-06  
 Misc :  
 ALS Vial : 34 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :  
 P001-BF003-01

Quant Time: Oct 05 00:48:37 2015  
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF092815.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Mon Sep 28 18:10:42 2015  
 Response via : Initial Calibration

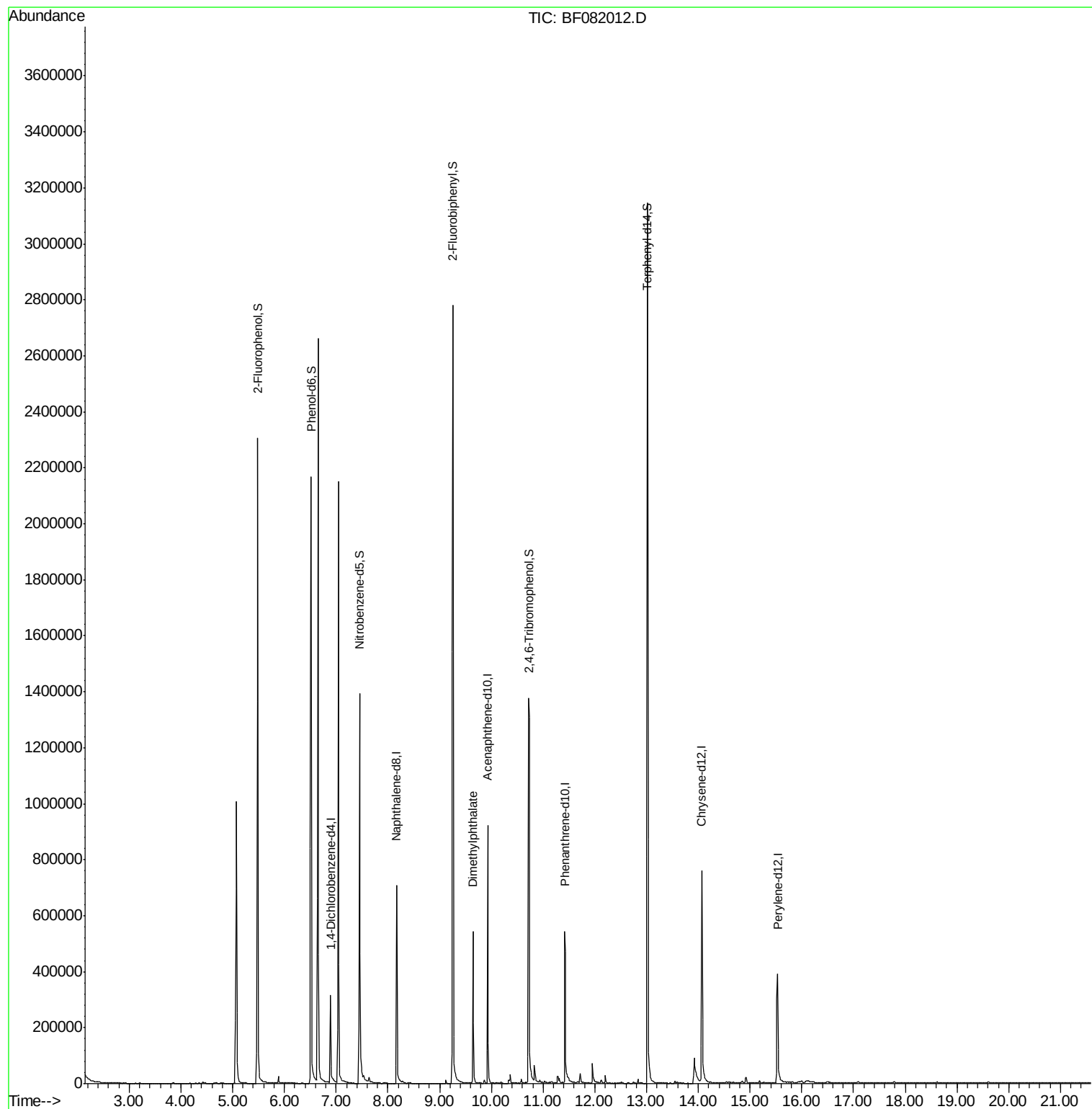
| Internal Standards          | R.T.  | QIon | Response | Conc   | Units | Dev(Min)       |
|-----------------------------|-------|------|----------|--------|-------|----------------|
| 1) 1,4-Dichlorobenzene-d4   | 6.89  | 152  | 88871    | 20.00  | ng    | -0.05          |
| 21) Naphthalene-d8          | 8.17  | 136  | 375476   | 20.00  | ng    | -0.05          |
| 38) Acenaphthene-d10        | 9.93  | 164  | 191917   | 20.00  | ng    | -0.05          |
| 63) Phenanthrene-d10        | 11.42 | 188  | 366999   | 20.00  | ng    | -0.05          |
| 75) Chrysene-d12            | 14.07 | 240  | 352701   | 20.00  | ng    | -0.05          |
| 86) Perylene-d12            | 15.53 | 264  | 270351   | 20.00  | ng    | -0.05          |
| System Monitoring Compounds |       |      |          |        |       |                |
| 5) 2-Fluorophenol           | 5.49  | 112  | 795264   | 162.44 | ng    | -0.03          |
| 7) Phenol-d6                | 6.51  | 99   | 931405   | 151.19 | ng    | -0.05          |
| 23) Nitrobenzene-d5         | 7.45  | 82   | 583869   | 103.66 | ng    | -0.05          |
| 41) 2,4,6-Tribromophenol    | 10.73 | 330  | 306927   | 157.91 | ng    | -0.03          |
| 44) 2-Fluorobiphenyl        | 9.26  | 172  | 1195831  | 110.66 | ng    | -0.05          |
| 78) Terphenyl-d14           | 13.02 | 244  | 1224184  | 131.07 | ng    | -0.03          |
| Target Compounds            |       |      |          |        |       |                |
| 49) Dimethylphthalate       | 9.65  | 163  | 279276   | 21.08  | ng    | Qvalue<br># 97 |

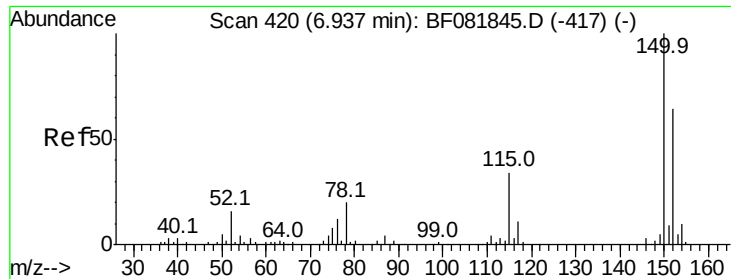
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\HPCHEM1\BNA F\DATA\BF100215\  
Data File : BF082012.D  
Acq On : 3 Oct 2015 9:01  
Operator : UM/IZ  
Sample : G3905-06  
Misc :  
ALS Vial : 34 Sample Multiplier: 1

Instrument :  
BNA\_F  
ClientSampleId :  
P001-BF003-01

Quant Time: Oct 05 00:48:37 2015  
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF092815.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
QLast Update : Mon Sep 28 18:10:42 2015  
Response via : Initial Calibration





#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.89 min Scan# 416

Delta R.T. -0.05 min

Lab File: BF082012.D

Acq: 3 Oct 2015 9:01

Instrument :

BNA\_F

ClientSampleId :

P001-BF003-01

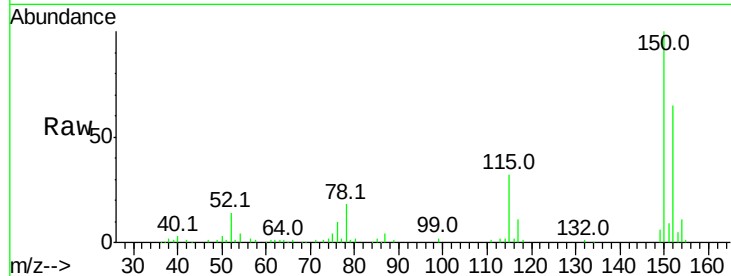
Tot Ion:152 Resp: 88871

Ion Ratio Lower Upper

152 100

150 153.1 124.7 187.1

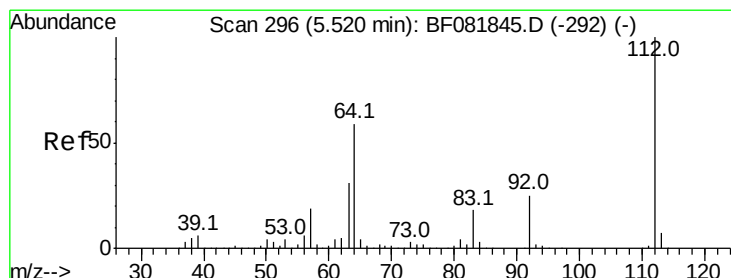
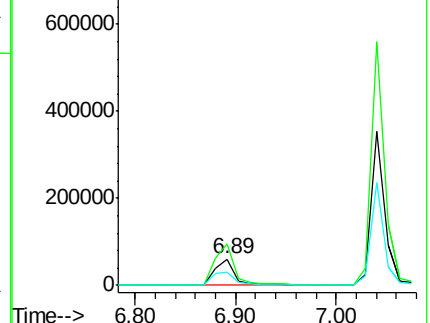
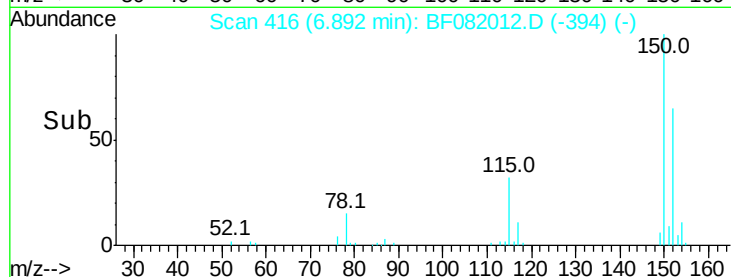
115 48.7 39.0 58.4



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: 162.44 ng

RT: 5.49 min Scan# 293

Delta R.T. -0.03 min

Lab File: BF082012.D

Acq: 3 Oct 2015 9:01

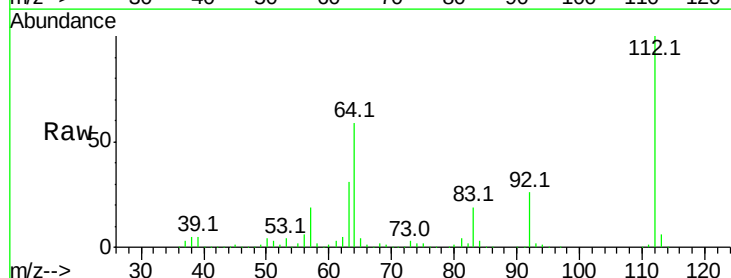
Tgt Ion:112 Resp: 795264

Ion Ratio Lower Upper

112 100

64 59.1 39.7 59.5

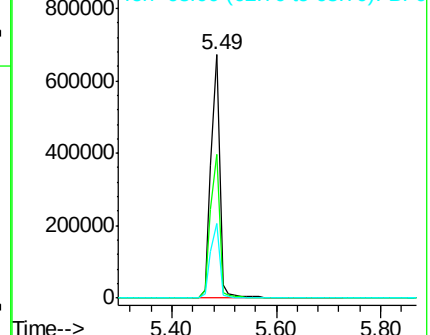
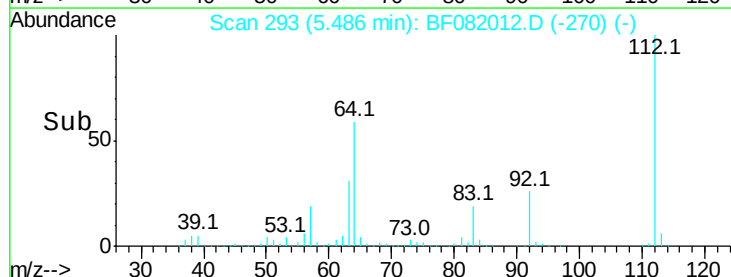
63 30.9 17.4 26.0#

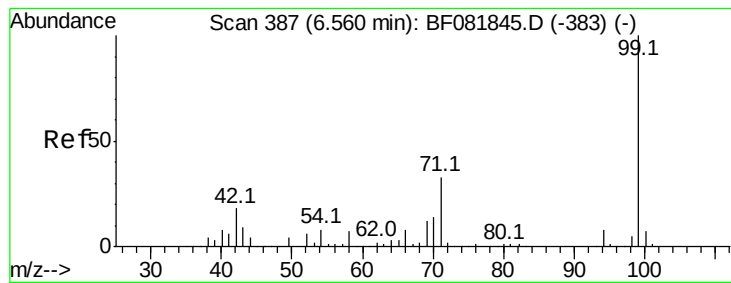


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 151.19 ng

RT: 6.51 min Scan# 383

Delta R.T. -0.05 min

Lab File: BF082012.D

Acq: 3 Oct 2015 9:01

Instrument :

BNA\_F

ClientSampleId :

P001-BF003-01

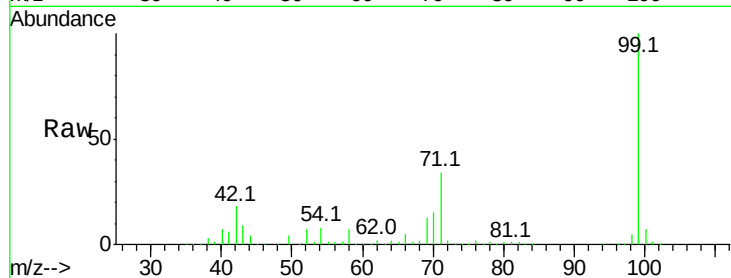
Tot Ion: 99 Resp: 931405

Ion Ratio Lower Upper

99 100

42 18.4 13.7 20.5

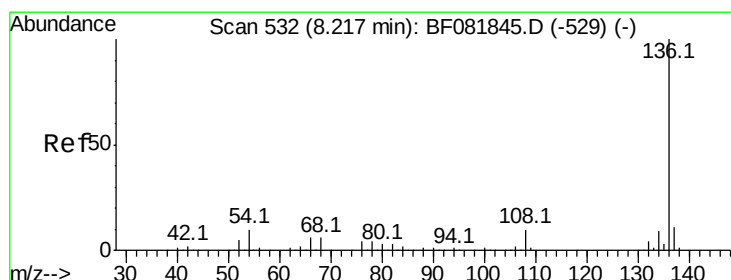
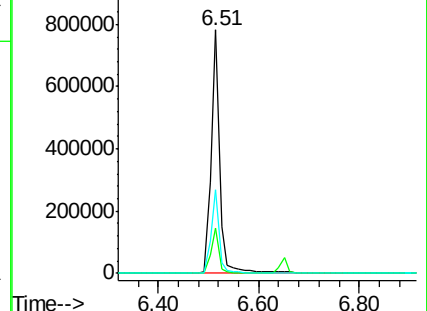
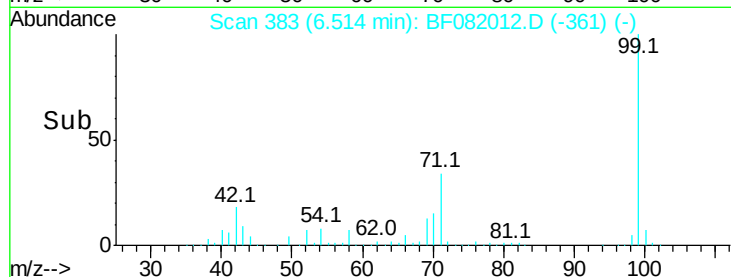
71 34.4 14.2 21.2#



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: 8.17 min Scan# 528

Delta R.T. -0.05 min

Lab File: BF082012.D

Acq: 3 Oct 2015 9:01

Tgt Ion: 136 Resp: 375476

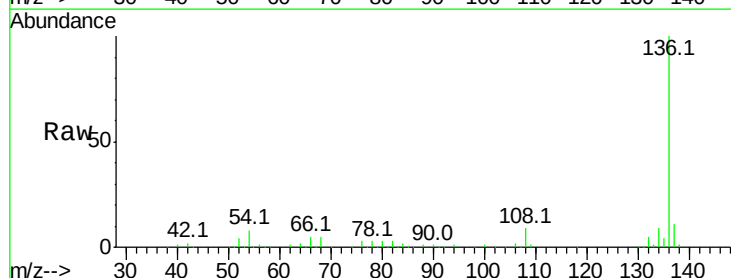
Ion Ratio Lower Upper

136 100

137 11.0 9.0 13.6

54 7.5 8.2 12.2#

68 5.1 5.8 8.6#

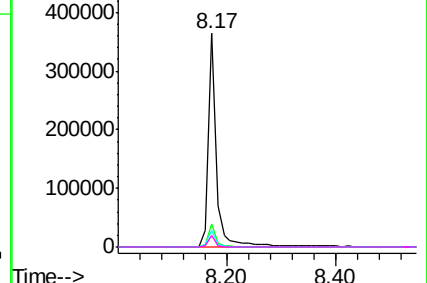
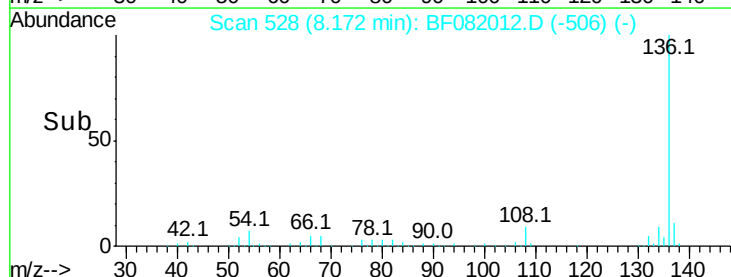


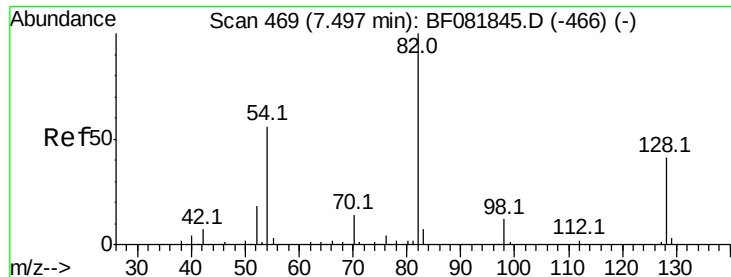
Abundance Ion 136.00 (135.70 to 136.70): E

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: 103.66 ng

RT: 7.45 min Scan# 465

Delta R.T. -0.05 min

Lab File: BF082012.D

Acq: 3 Oct 2015 9:01

Instrument :

BNA\_F

ClientSampleId :

P001-BF003-01

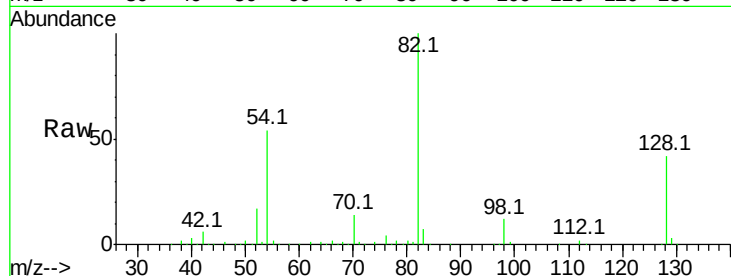
Tot Ion: 82 Resp: 583869

Ion Ratio Lower Upper

82 100

128 41.6 51.0 76.6#

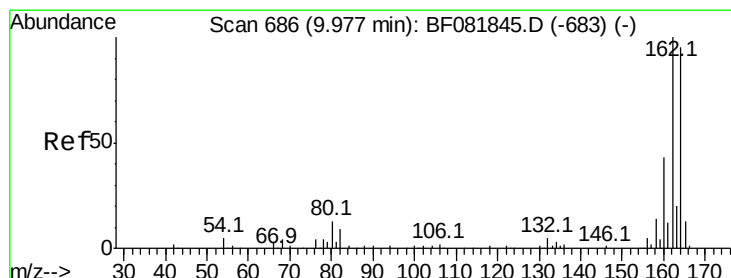
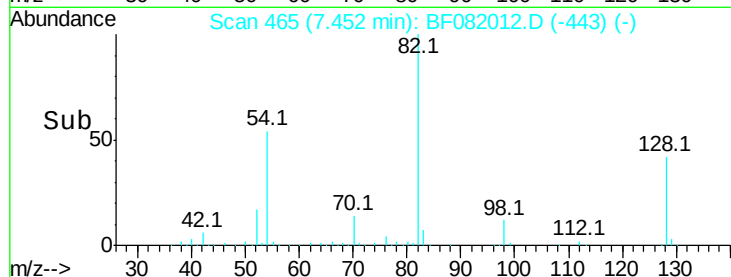
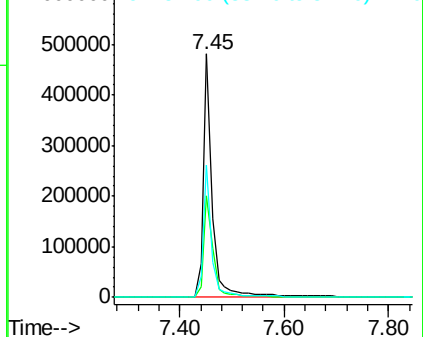
54 54.5 47.5 71.3



Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 128.00 (127.70 to 128.70): BF0

Ion 54.00 (53.70 to 54.70): BF0



#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.93 min Scan# 682

Delta R.T. -0.05 min

Lab File: BF082012.D

Acq: 3 Oct 2015 9:01

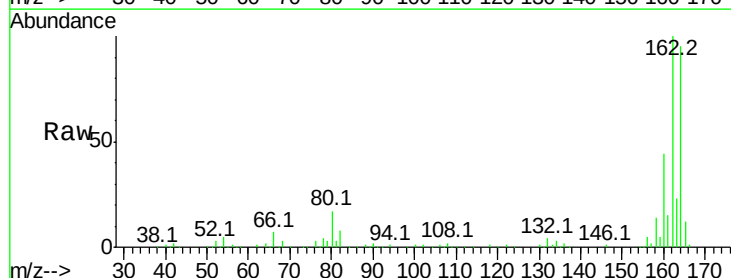
Tgt Ion:164 Resp: 191917

Ion Ratio Lower Upper

164 100

162 105.3 75.2 112.8

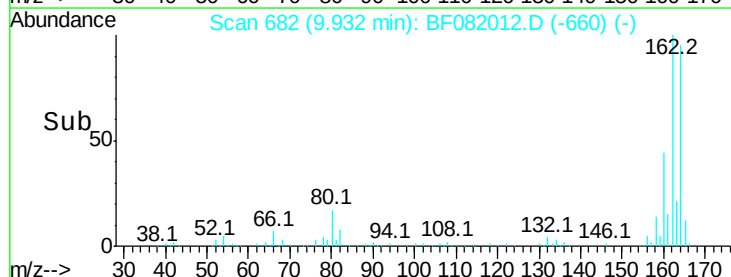
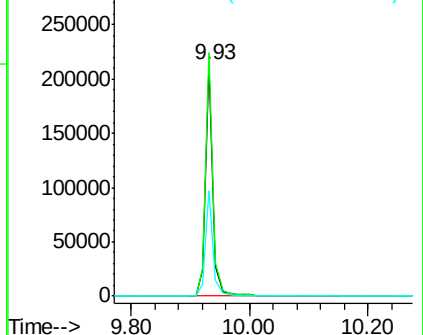
160 45.8 31.5 47.3

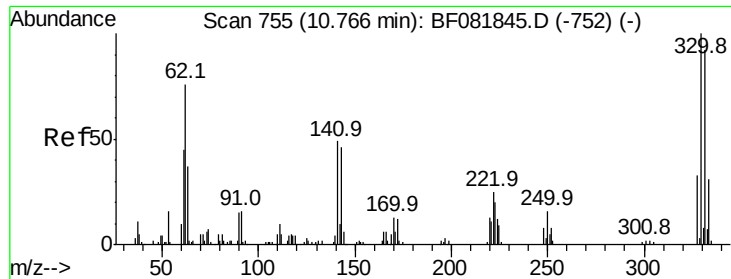


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

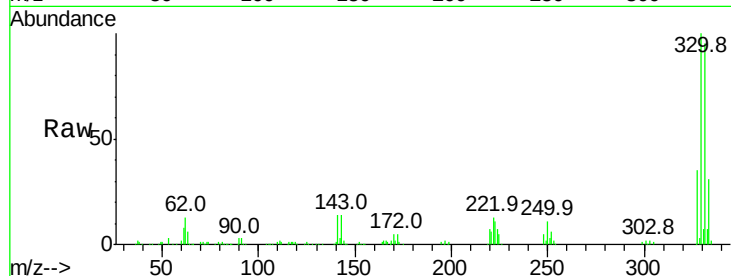




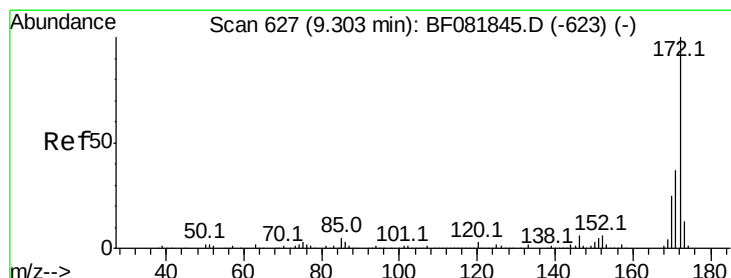
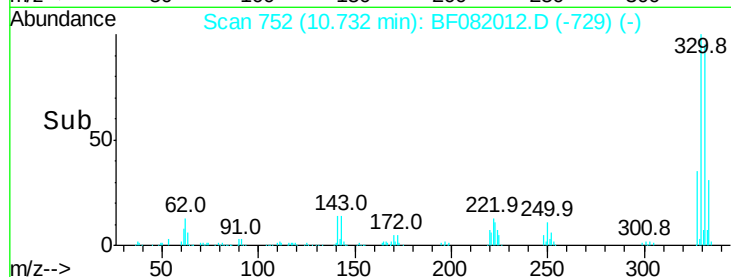
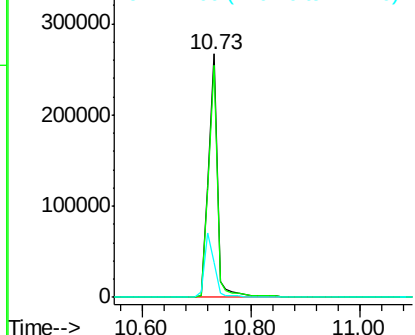
#41  
2,4,6-Tribromophenol  
Concen: 157.91 ng  
RT: 10.73 min Scan# 752  
Delta R.T. -0.03 min  
Lab File: BF082012.D  
Acq: 3 Oct 2015 9:01

Instrument :  
BNA\_F  
ClientSampleId :  
P001-BF003-01

Tot Ion:330 Resp: 306927  
Ion Ratio Lower Upper  
330 100  
332 95.5 76.6 114.8  
141 29.2 29.7 44.5#

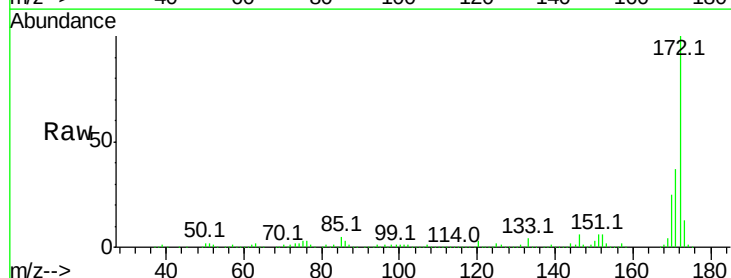


Abundance Ion 329.80 (329.50 to 330.50): E  
Ion 331.80 (331.50 to 332.50): E  
Ion 141.00 (140.70 to 141.70): E

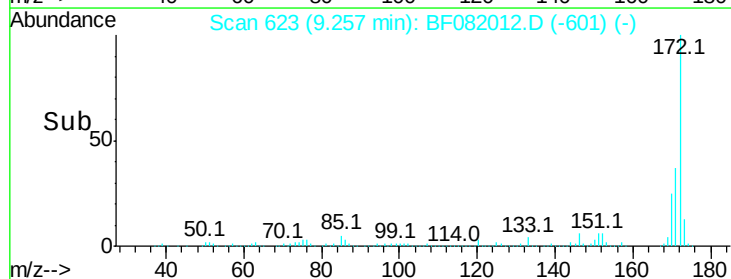
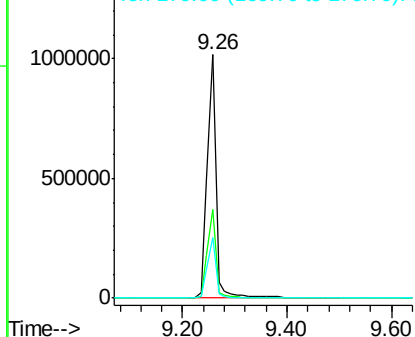


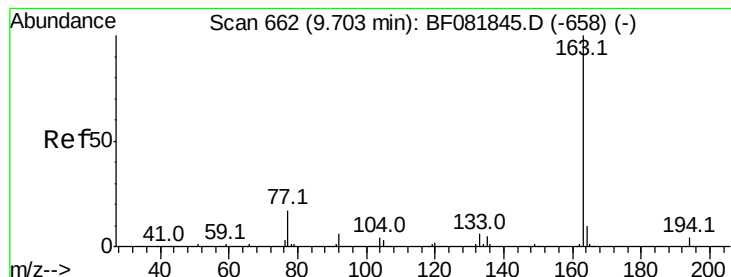
#44  
2-Fluorobiphenyl  
Concen: 110.66 ng  
RT: 9.26 min Scan# 623  
Delta R.T. -0.05 min  
Lab File: BF082012.D  
Acq: 3 Oct 2015 9:01

Tgt Ion:172 Resp: 1195831  
Ion Ratio Lower Upper  
172 100  
171 36.6 26.1 39.1  
170 24.7 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: 21.08 ng

RT: 9.65 min Scan# 657

Delta R.T. -0.06 min

Lab File: BF082012.D

Acq: 3 Oct 2015 9:01

Instrument :

BNA\_F

ClientSampleId :

P001-BF003-01

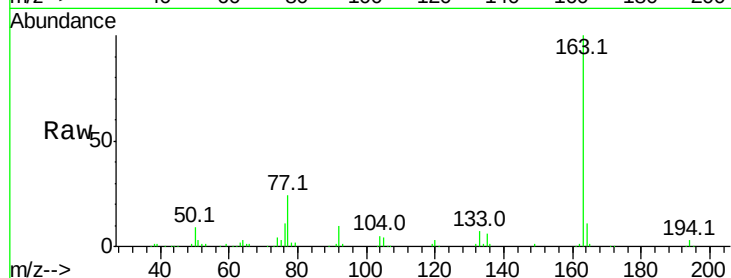
Tot Ion:163 Resp: 279276

Ion Ratio Lower Upper

163 100

194 3.1 4.4 6.6#

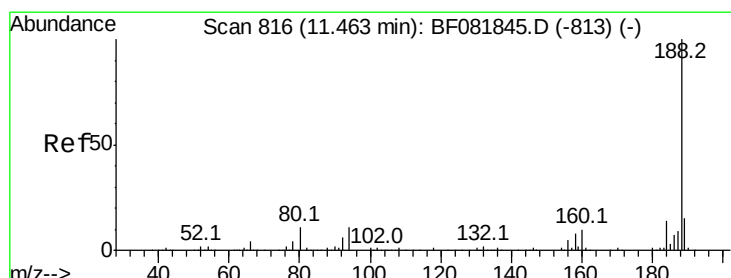
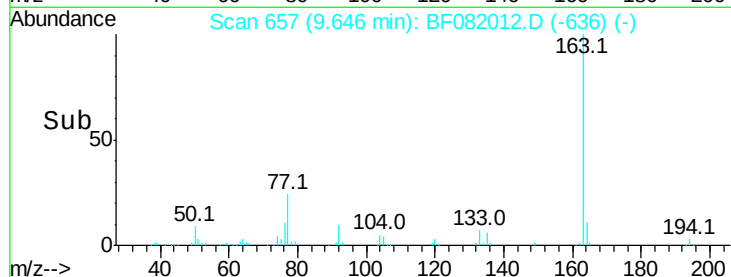
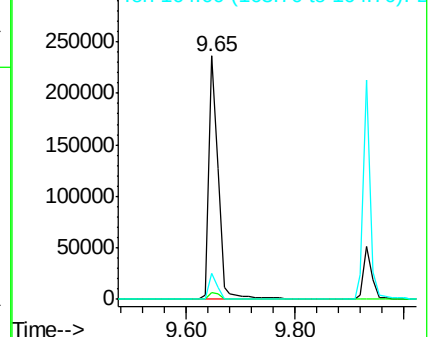
164 10.7 8.3 12.5



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: 11.42 min Scan# 812

Delta R.T. -0.05 min

Lab File: BF082012.D

Acq: 3 Oct 2015 9:01

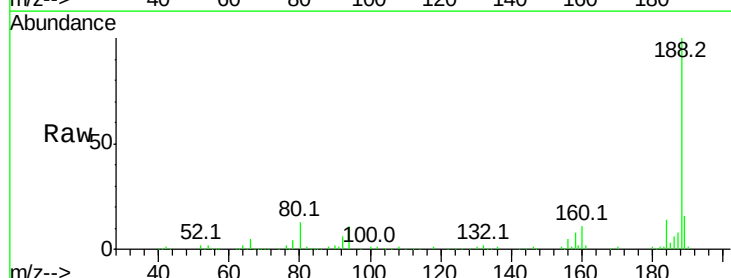
Tgt Ion:188 Resp: 366999

Ion Ratio Lower Upper

188 100

94 11.4 11.1 16.7

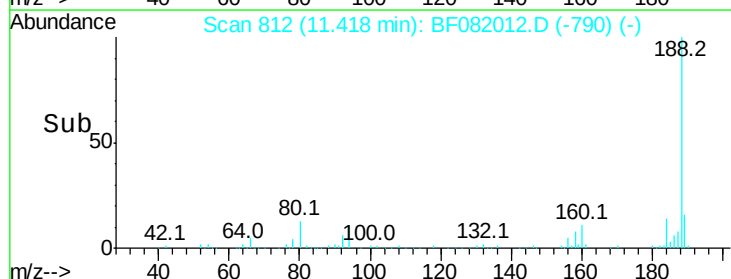
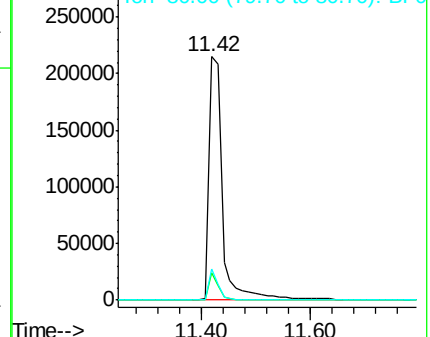
80 13.0 11.0 16.4

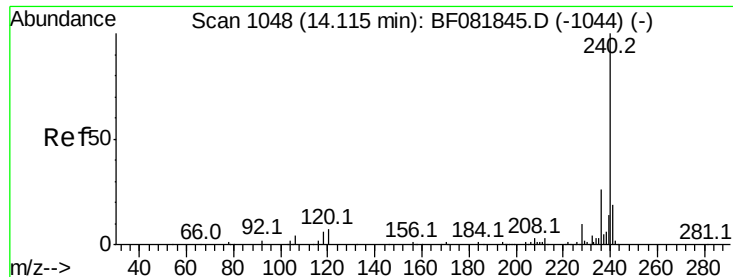


Abundance Ion 188.00 (187.70 to 188.70): E

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: 14.07 min Scan# 1044

Delta R.T. -0.05 min

Lab File: BF082012.D

Acq: 3 Oct 2015 9:01

Instrument :

BNA\_F

ClientSampleId :

P001-BF003-01

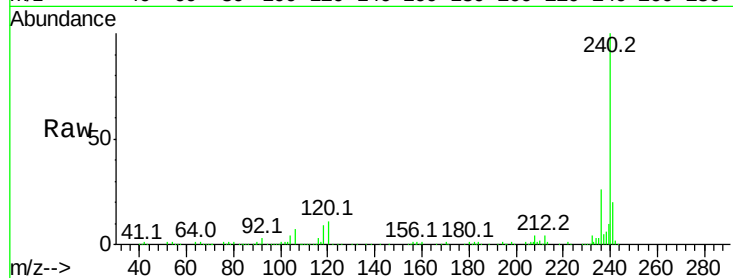
Tot Ion:240 Resp: 352701

Ion Ratio Lower Upper

240 100

120 10.7 16.2 24.2#

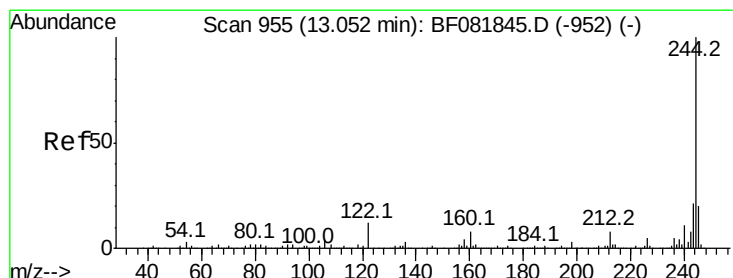
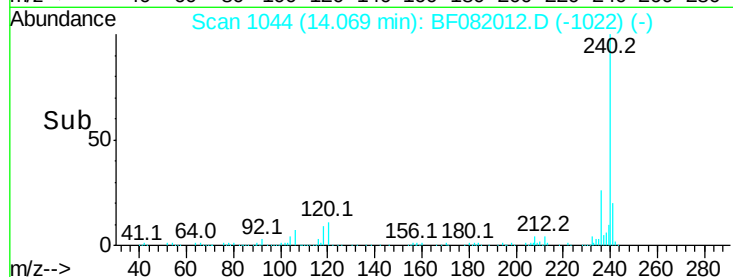
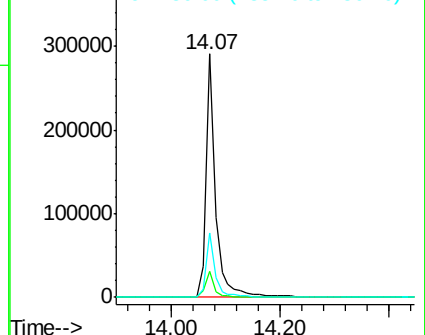
236 26.2 18.4 27.6



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: 131.07 ng

RT: 13.02 min Scan# 952

Delta R.T. -0.03 min

Lab File: BF082012.D

Acq: 3 Oct 2015 9:01

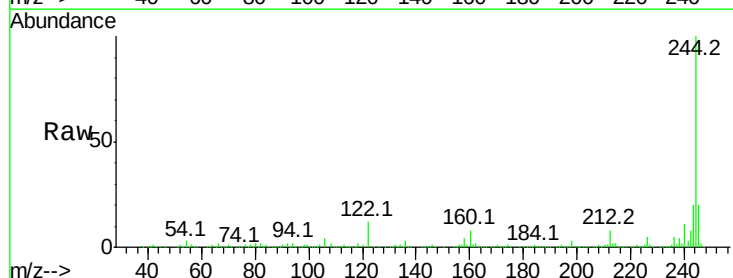
Tgt Ion:244 Resp: 1224184

Ion Ratio Lower Upper

244 100

212 7.9 4.3 6.5#

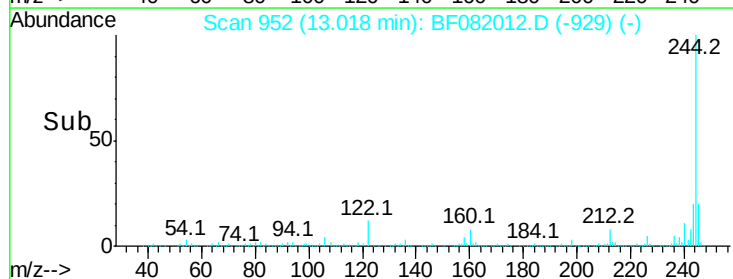
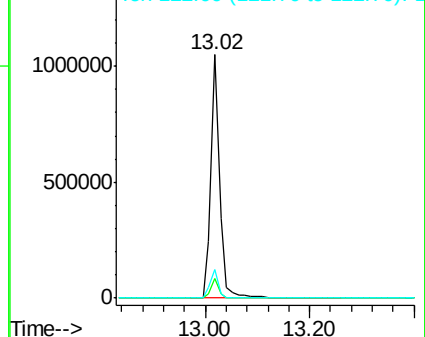
122 11.6 17.4 26.2#



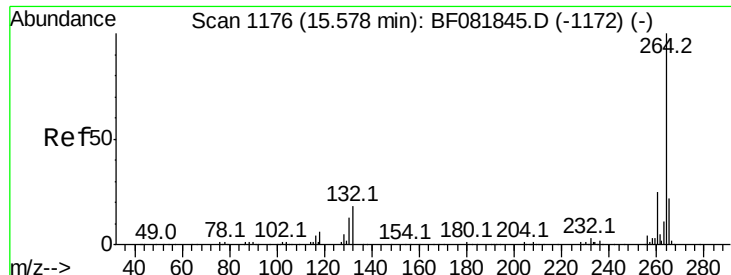
Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



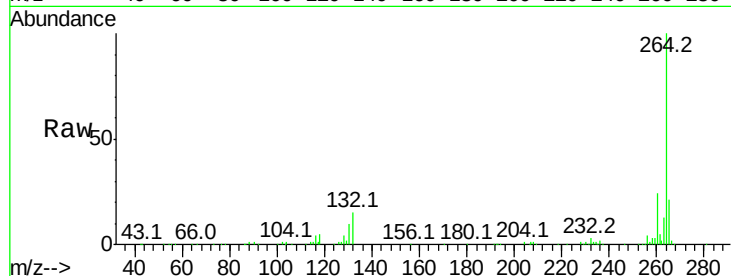




#86  
 Pervlene-d12  
 Concen: 20.00 ng  
 RT: 15.53 min Scan# 1172  
 Delta R.T. -0.05 min  
 Lab File: BF082012.D  
 Acq: 3 Oct 2015 9:01

Instrument :  
 BNA\_F  
 ClientSampleId :  
 P001-BF003-01

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 264     | 100   |       |       |
| 260     | 23.9  | 16.7  | 25.1  |
| 265     | 21.3  | 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

