

Data Path : Z:\HPCHEM1\BNA\_F\DATA\BF062215\  
 Data File : BF080110.D  
 Acq On : 23 Jun 2015 1:02  
 Operator : TP/IZ  
 Sample : G2715-03  
 Misc :  
 ALS Vial : 16 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :  
 76-INFIELD(0-2)-2

Quant Time: Jun 23 01:48:22 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

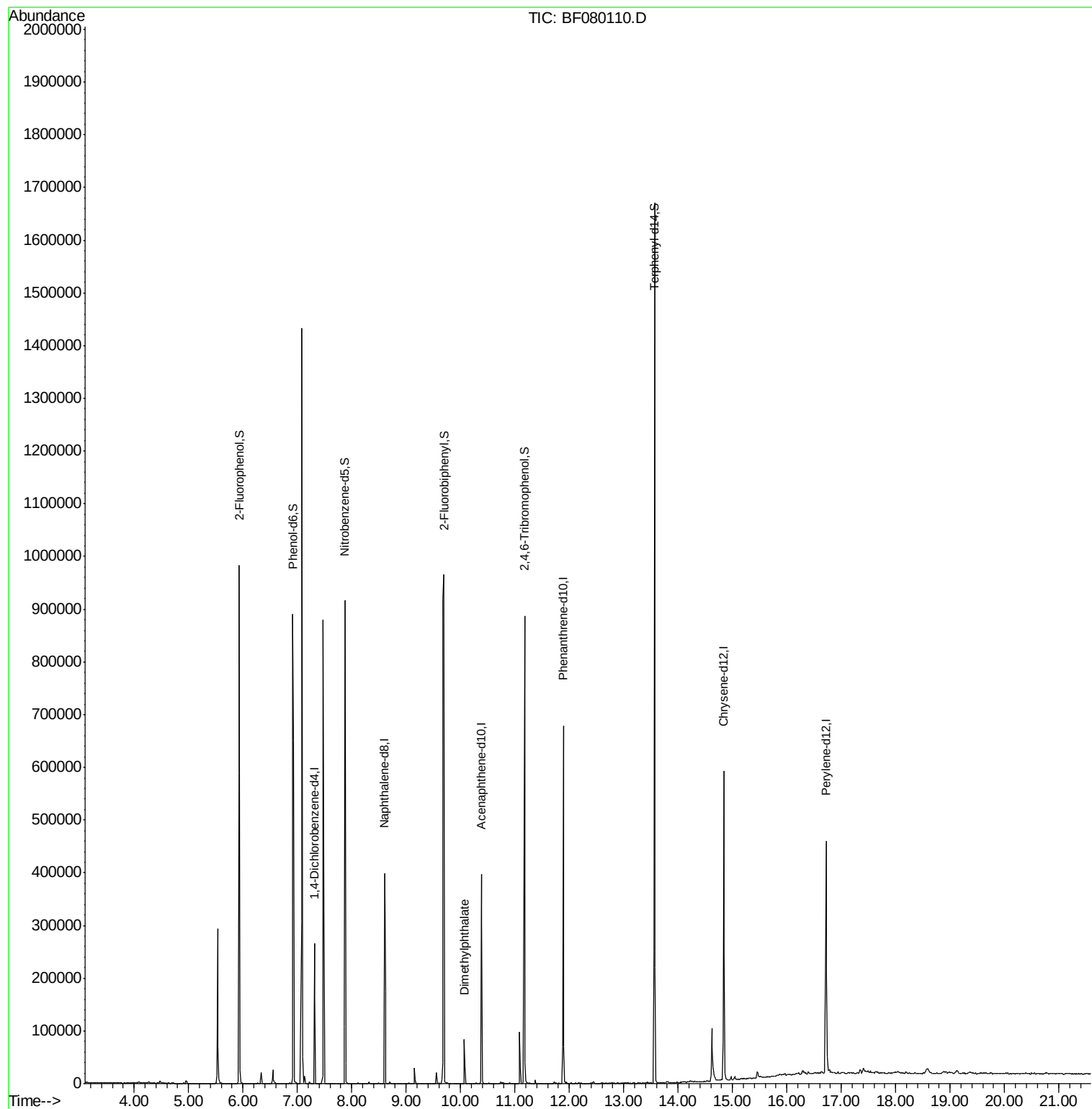
| Internal Standards          | R.T.  | QIon | Response | Conc   | Units | Dev(Min)       |
|-----------------------------|-------|------|----------|--------|-------|----------------|
| 1) 1,4-Dichlorobenzene-d4   | 7.32  | 152  | 48815    | 20.00  | ng    | -0.01          |
| 21) Naphthalene-d8          | 8.61  | 136  | 195335   | 20.00  | ng    | -0.01          |
| 38) Acenaphthene-d10        | 10.38 | 164  | 105781   | 20.00  | ng    | -0.01          |
| 63) Phenanthrene-d10        | 11.89 | 188  | 232873   | 20.00  | ng    | -0.02          |
| 75) Chrysene-d12            | 14.84 | 240  | 245804   | 20.00  | ng    | -0.16          |
| 86) Perylene-d12            | 16.72 | 264  | 242940   | 20.00  | ng    | -0.21          |
| System Monitoring Compounds |       |      |          |        |       |                |
| 5) 2-Fluorophenol           | 5.93  | 112  | 320024   | 116.05 | ng    | 0.00           |
| 7) Phenol-d6                | 6.92  | 99   | 401808   | 109.50 | ng    | -0.01          |
| 23) Nitrobenzene-d5         | 7.88  | 82   | 255022   | 76.01  | ng    | 0.00           |
| 41) 2,4,6-Tribromophenol    | 11.18 | 330  | 114138   | 110.34 | ng    | 0.00           |
| 44) 2-Fluorobiphenyl        | 9.69  | 172  | 463947   | 62.55  | ng    | 0.00           |
| 78) Terphenyl-d14           | 13.57 | 244  | 519513   | 49.36  | ng    | -0.10          |
| Target Compounds            |       |      |          |        |       |                |
| 49) Dimethylphthalate       | 10.07 | 163  | 37786    | 4.75   | ng    | Qvalue<br># 97 |

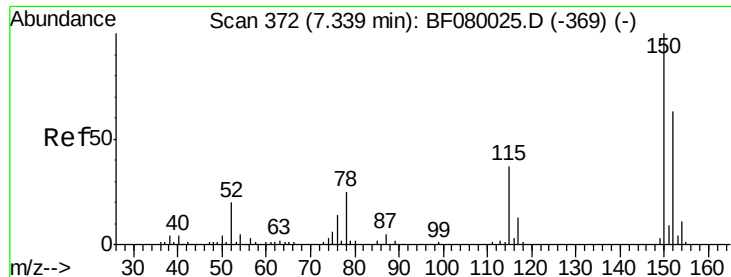
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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76-INFIELD(0-2)-2

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QLast Update : Tue Jun 23 00:53:56 2015  
Response via : Initial Calibration





#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 7.32 min Scan# 370

Delta R.T. -0.01 min

Lab File: BF080110.D

Acq: 23 Jun 2015 1:02

Instrument :

BNA\_F

ClientSampleId :

76-INFIELD(0-2)-2

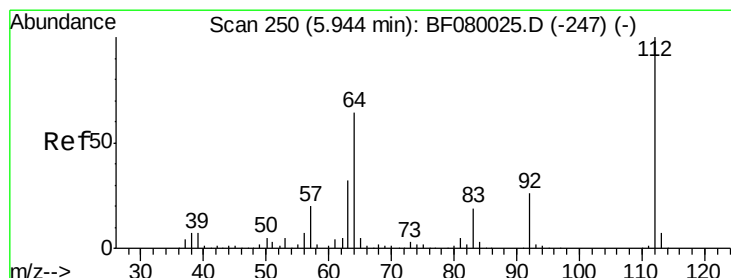
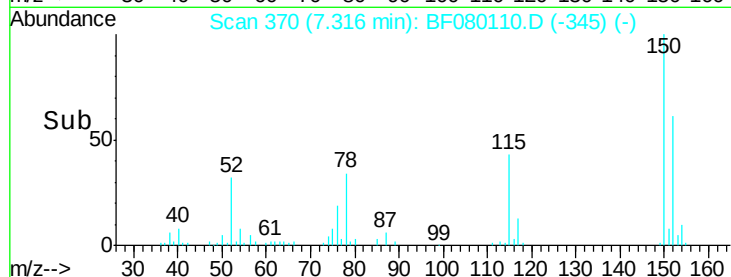
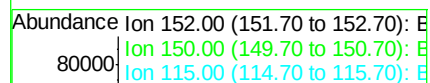
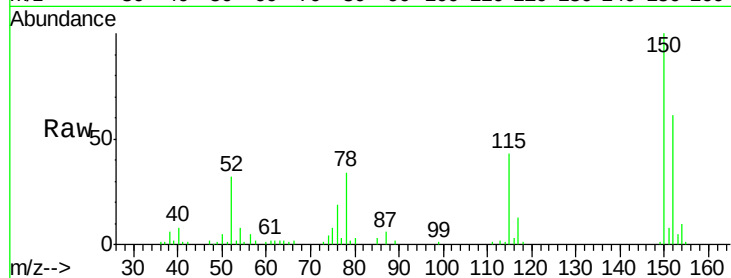
Tgt Ion:152 Resp: 48815

Ion Ratio Lower Upper

152 100

150 162.7 124.7 187.1

115 70.4 39.0 58.4#



#5

2-Fluorophenol

Concen: 116.05 ng

RT: 5.93 min Scan# 249

Delta R.T. -0.00 min

Lab File: BF080110.D

Acq: 23 Jun 2015 1:02

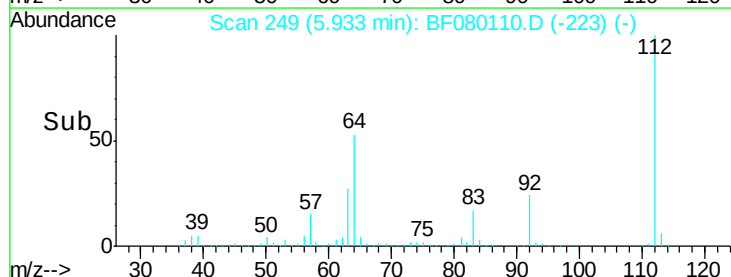
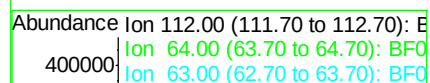
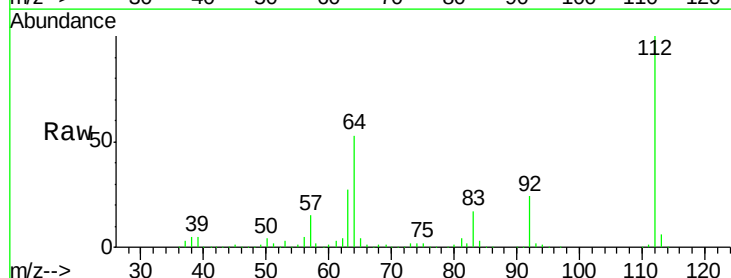
Tgt Ion:112 Resp: 320024

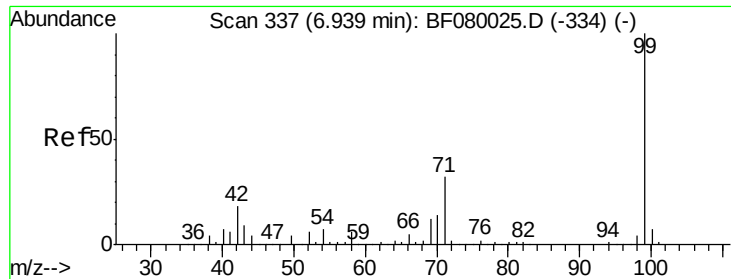
Ion Ratio Lower Upper

112 100

64 52.7 39.7 59.5

63 26.8 17.4 26.0#





#7

Phenol-d6

Concen: 109.50 ng

RT: 6.92 min Scan# 335

Delta R.T. -0.01 min

Lab File: BF080110.D

Acq: 23 Jun 2015 1:02

Instrument :

BNA\_F

ClientSampleId :

76-INFIELD(0-2)-2

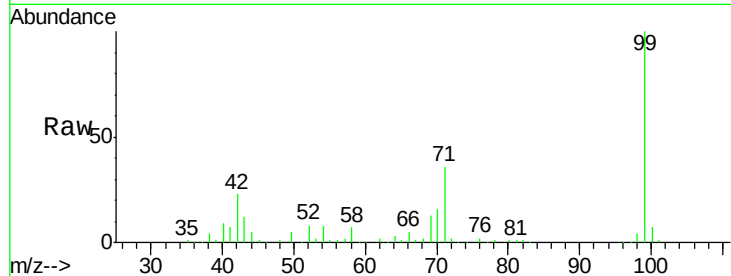
Tgt Ion: 99 Resp: 401808

Ion Ratio Lower Upper

99 100

42 23.0 13.7 20.5#

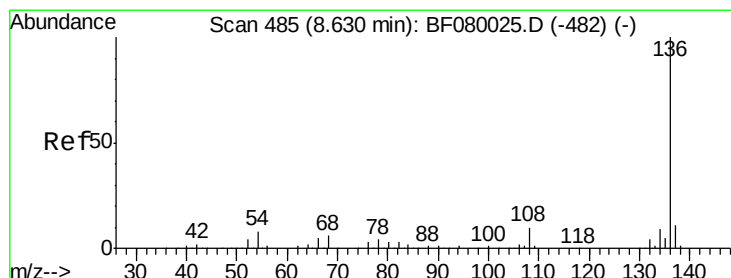
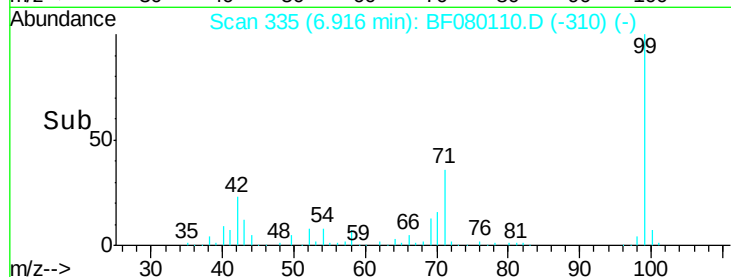
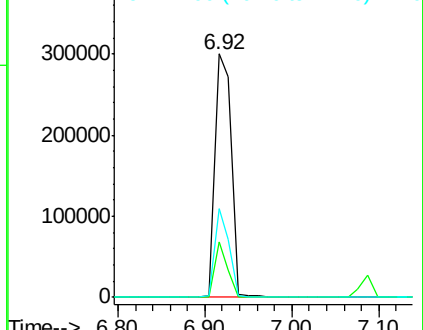
71 36.2 14.2 21.2#



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: BF080110.D

Acq: 23 Jun 2015 1:02

Tgt Ion: 136 Resp: 195335

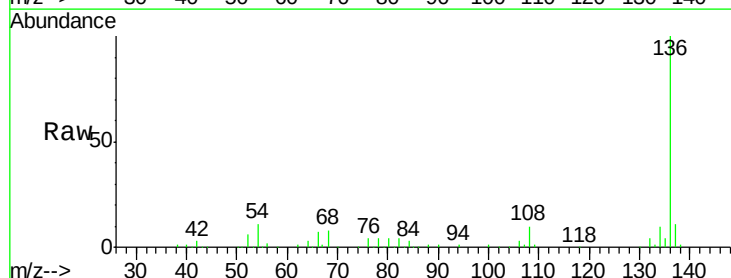
Ion Ratio Lower Upper

136 100

137 11.2 9.0 13.6

54 11.3 8.2 12.2

68 7.8 5.8 8.6

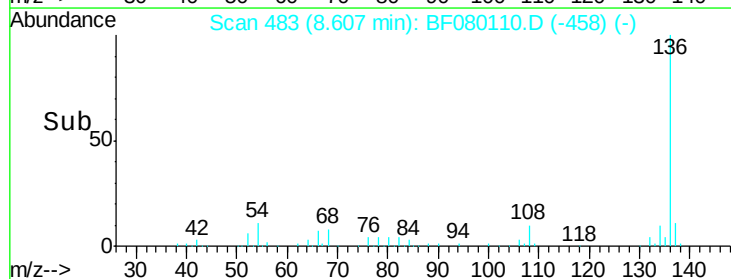
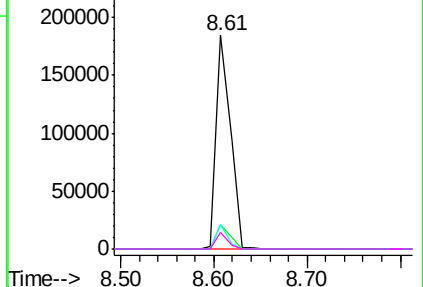


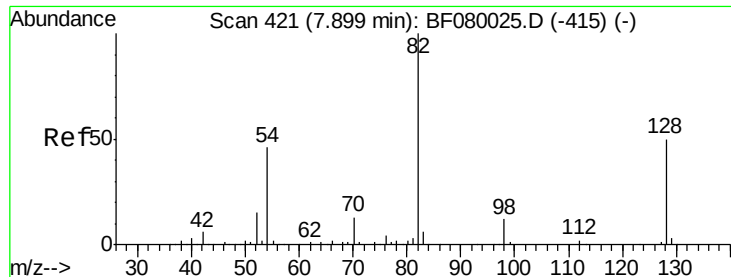
Abundance Ion 136.00 (135.70 to 136.70): E

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

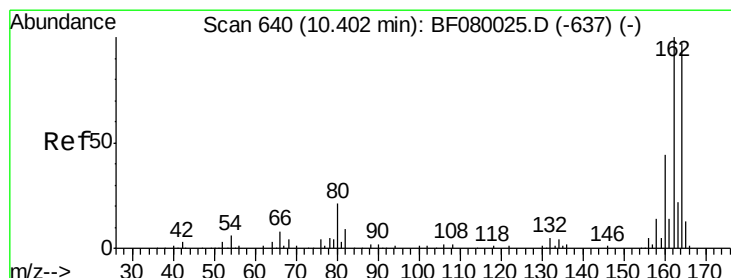
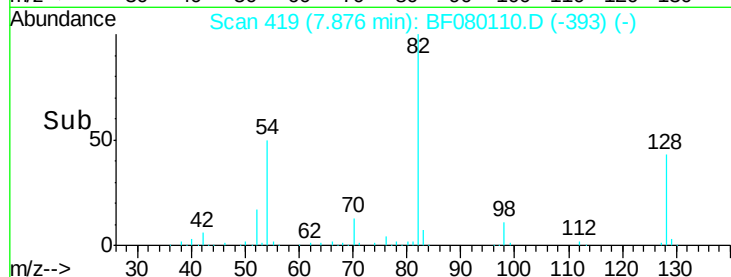
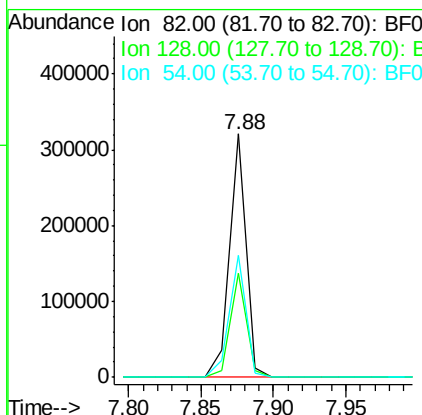
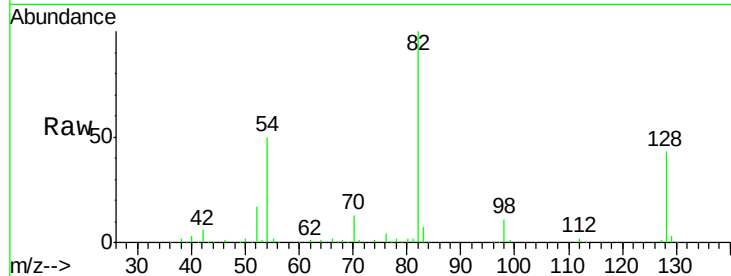




#23  
 Nitrobenzene-d5  
 Concen: 76.01 ng  
 RT: 7.88 min Scan# 419  
 Delta R.T. -0.00 min  
 Lab File: BF080110.D  
 Acq: 23 Jun 2015 1:02

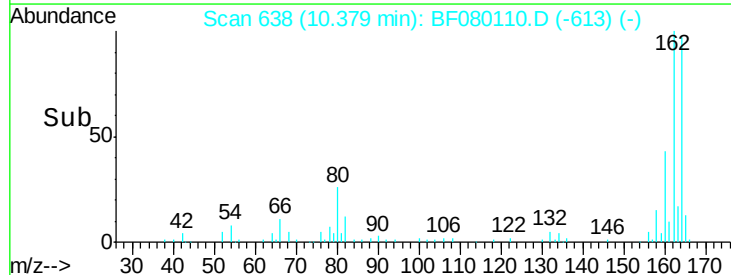
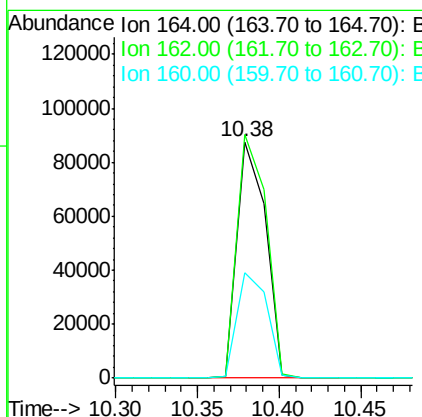
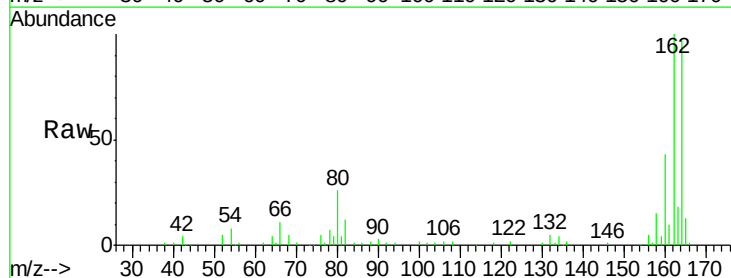
Instrument :  
 BNA\_F  
 ClientSampleId :  
 76-INFIELD(0-2)-2

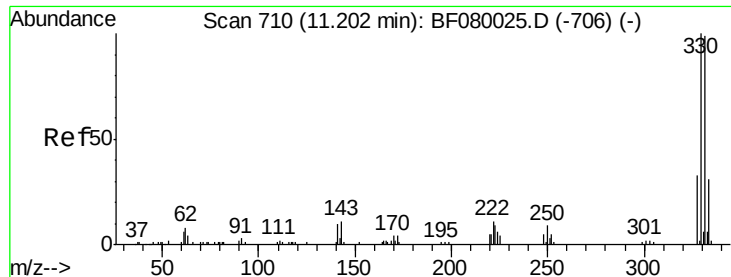
Tgt Ion: 82 Resp: 255022  
 Ion Ratio Lower Upper  
 82 100  
 128 42.6 51.0 76.6#  
 54 49.9 47.5 71.3



#38  
 Acenaphthene-d10  
 Concen: 20.00 ng  
 RT: 10.38 min Scan# 638  
 Delta R.T. -0.01 min  
 Lab File: BF080110.D  
 Acq: 23 Jun 2015 1:02

Tgt Ion: 164 Resp: 105781  
 Ion Ratio Lower Upper  
 164 100  
 162 103.2 75.2 112.8  
 160 44.6 31.5 47.3

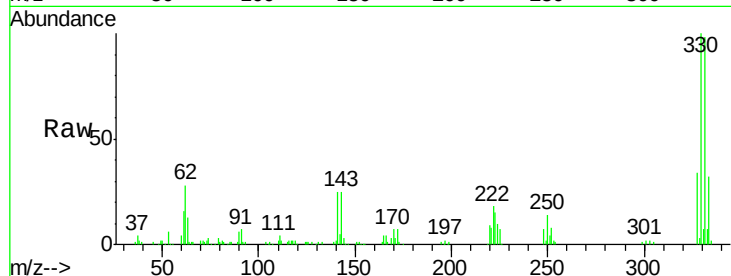




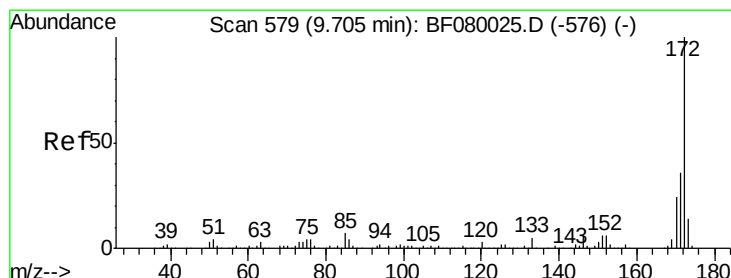
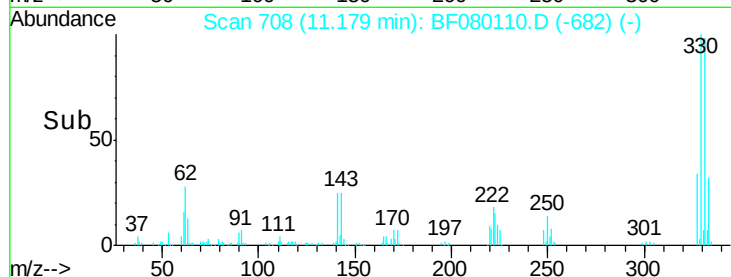
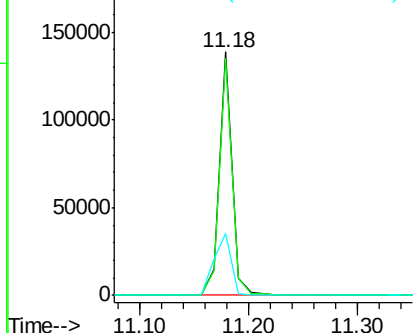
#41  
 2,4,6-Tribromophenol  
 Concen: 110.34 ng  
 RT: 11.18 min Scan# 708  
 Delta R.T. -0.00 min  
 Lab File: BF080110.D  
 Acq: 23 Jun 2015 1:02

Instrument :  
 BNA\_F  
 ClientSampleId :  
 76-INFIELD(0-2)-2

Tgt Ion:330 Resp: 114138  
 Ion Ratio Lower Upper  
 330 100  
 332 97.3 76.6 114.8  
 141 34.6 29.7 44.5

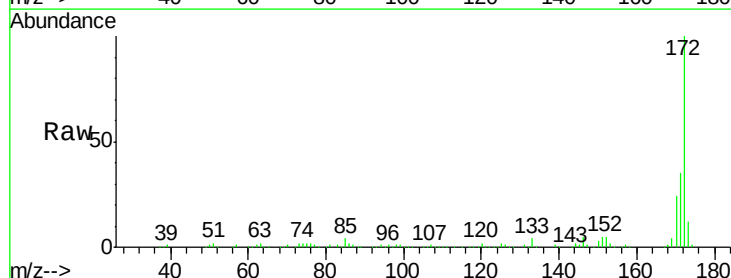


Abundance Ion 329.80 (329.50 to 330.50): E  
 Ion 331.80 (331.50 to 332.50): E  
 Ion 141.00 (140.70 to 141.70): E

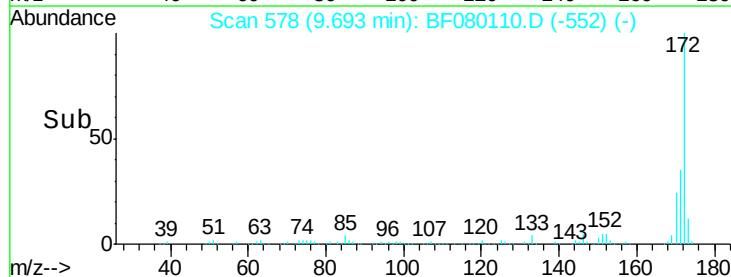
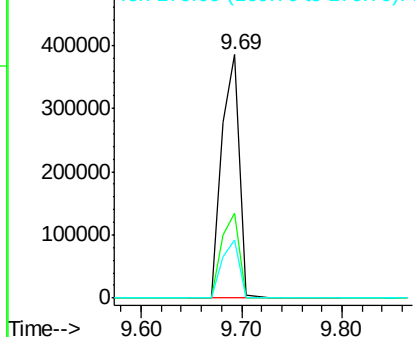


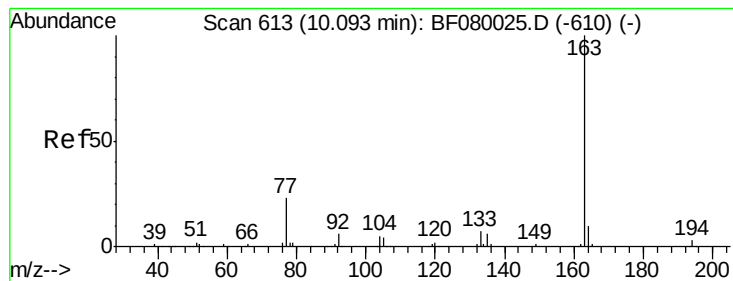
#44  
 2-Fluorobiphenyl  
 Concen: 62.55 ng  
 RT: 9.69 min Scan# 578  
 Delta R.T. -0.00 min  
 Lab File: BF080110.D  
 Acq: 23 Jun 2015 1:02

Tgt Ion:172 Resp: 463947  
 Ion Ratio Lower Upper  
 172 100  
 171 34.6 26.1 39.1  
 170 23.8 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: 4.75 ng

RT: 10.07 min Scan# 611

Delta R.T. -0.01 min

Lab File: BF080110.D

Acq: 23 Jun 2015 1:02

Instrument :

BNA\_F

ClientSampleId :

76-INFIELD(0-2)-2

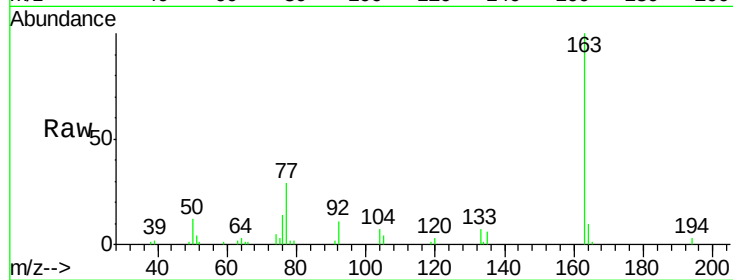
Tgt Ion:163 Resp: 37786

Ion Ratio Lower Upper

163 100

194 3.1 4.4 6.6#

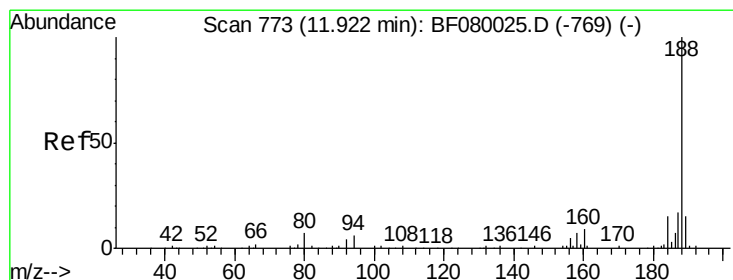
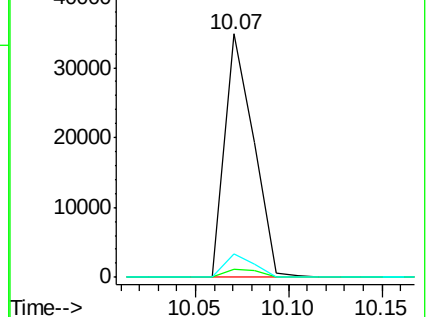
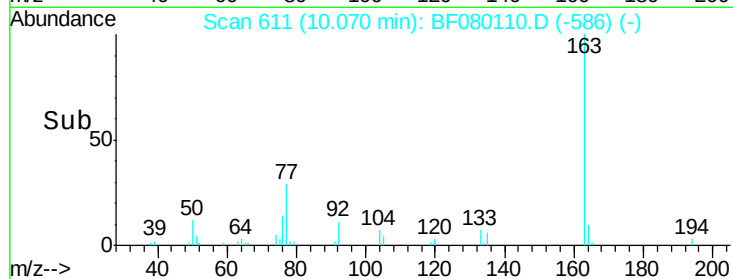
164 9.9 8.3 12.5



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: BF080110.D

Acq: 23 Jun 2015 1:02

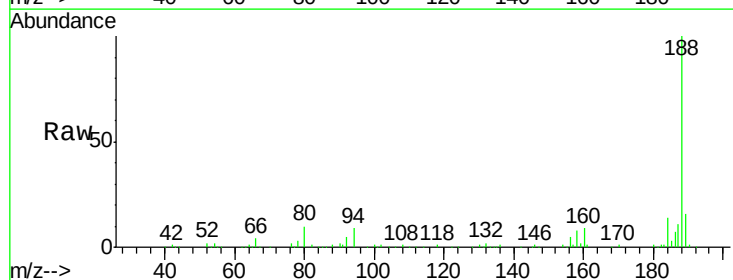
Tgt Ion:188 Resp: 232873

Ion Ratio Lower Upper

188 100

94 9.5 11.1 16.7#

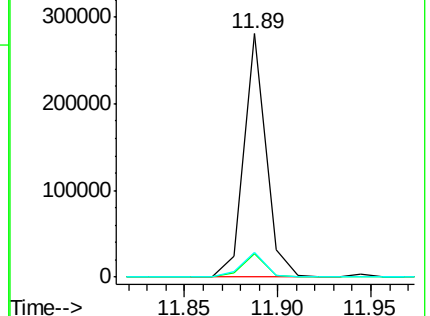
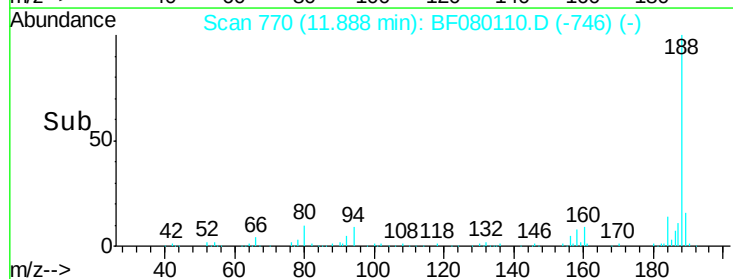
80 10.2 11.0 16.4#

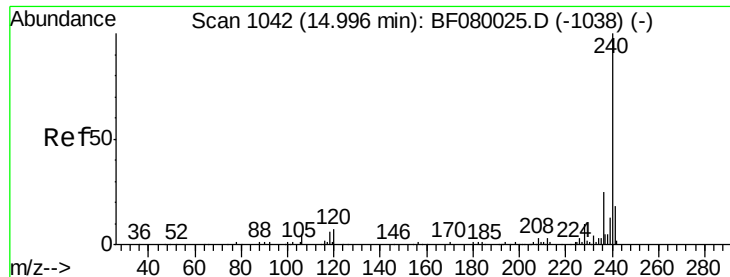


Abundance Ion 188.00 (187.70 to 188.70): E

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: 14.84 min Scan# 1028

Delta R.T. -0.16 min

Lab File: BF080110.D

Acq: 23 Jun 2015 1:02

Instrument :

BNA\_F

ClientSampleId :

76-INFIELD(0-2)-2

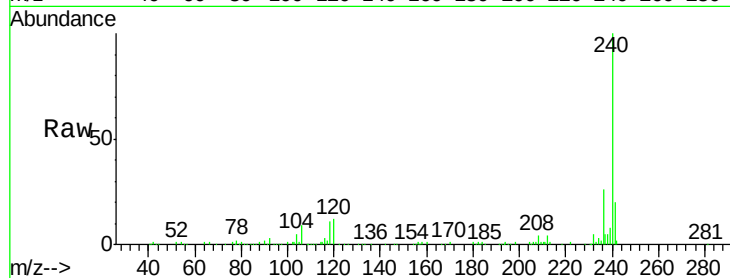
Tgt Ion:240 Resp: 245804

Ion Ratio Lower Upper

240 100

120 12.1 16.2 24.2#

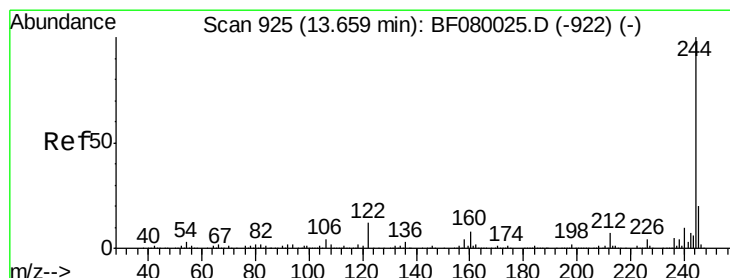
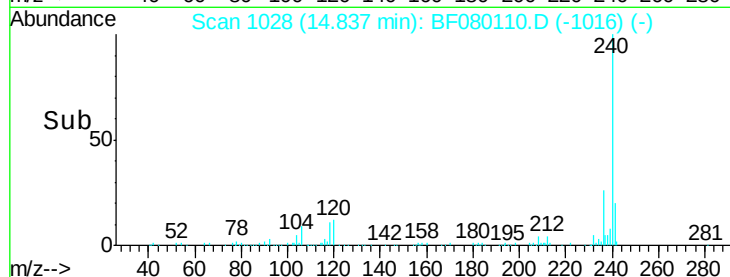
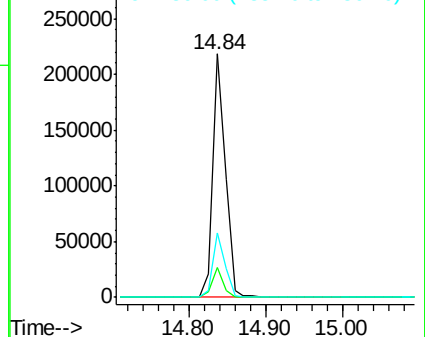
236 26.3 18.4 27.6



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: 49.36 ng

RT: 13.57 min Scan# 917

Delta R.T. -0.10 min

Lab File: BF080110.D

Acq: 23 Jun 2015 1:02

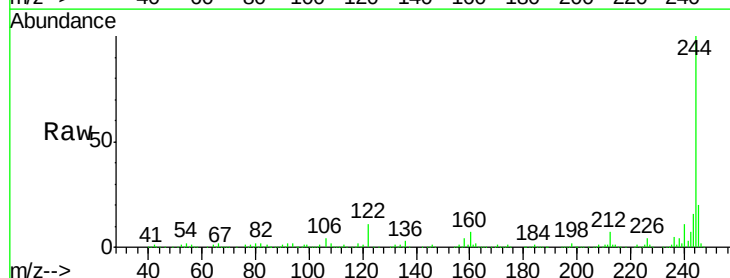
Tgt Ion:244 Resp: 519513

Ion Ratio Lower Upper

244 100

212 7.2 4.3 6.5#

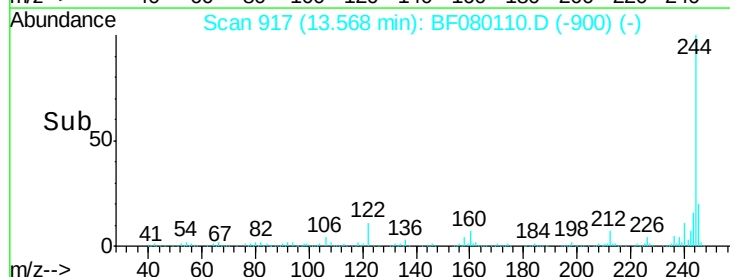
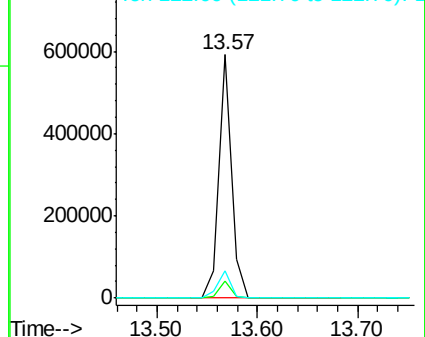
122 11.2 17.4 26.2#



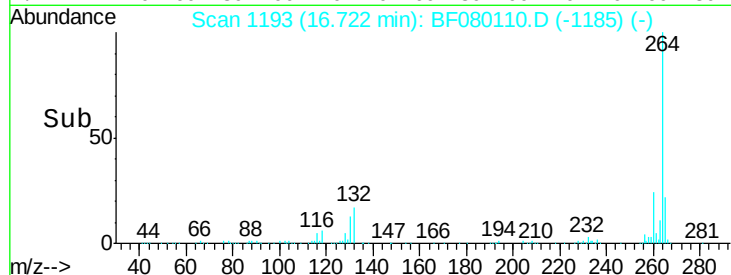
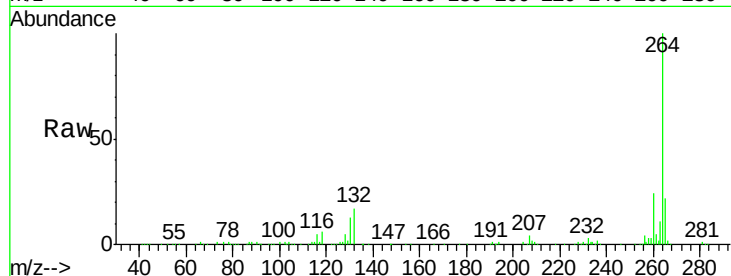
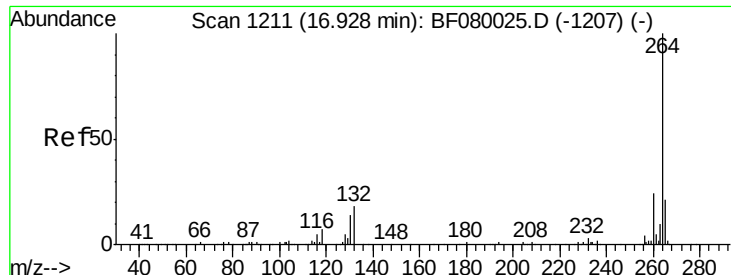
Abundance Ion 244.00 (243.70 to 244.70): E

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: 16.72 min Scan# 1193  
Delta R.T. -0.21 min  
Lab File: BF080110.D  
Acq: 23 Jun 2015 1:02

Instrument :  
BNA\_F  
ClientSampleId :  
76-INFIELD(0-2)-2

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 264   | Resp: | 242940 |
| Ion Ratio | Lower | Upper |        |
| 264       | 100   |       |        |
| 260       | 24.4  | 16.7  | 25.1   |
| 265       | 21.9  | 17.2  | 25.8   |

