

Data Path : Z:\HPCHEM1\BNA\_F\DATA\BF052215\  
 Data File : BF079442.D  
 Acq On : 22 May 2015 19:31  
 Operator : TP/IZ  
 Sample : G2361-01  
 Misc :  
 ALS Vial : 13 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :  
 FK-BPM-02-G1-G2-G3-G4

Quant Time: May 22 23:03:13 2015  
 Quant Method : Z:\HPCHEM1\BNA\_F\METHODS\8270-BF043015.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Fri May 22 22:53:44 2015  
 Response via : Initial Calibration

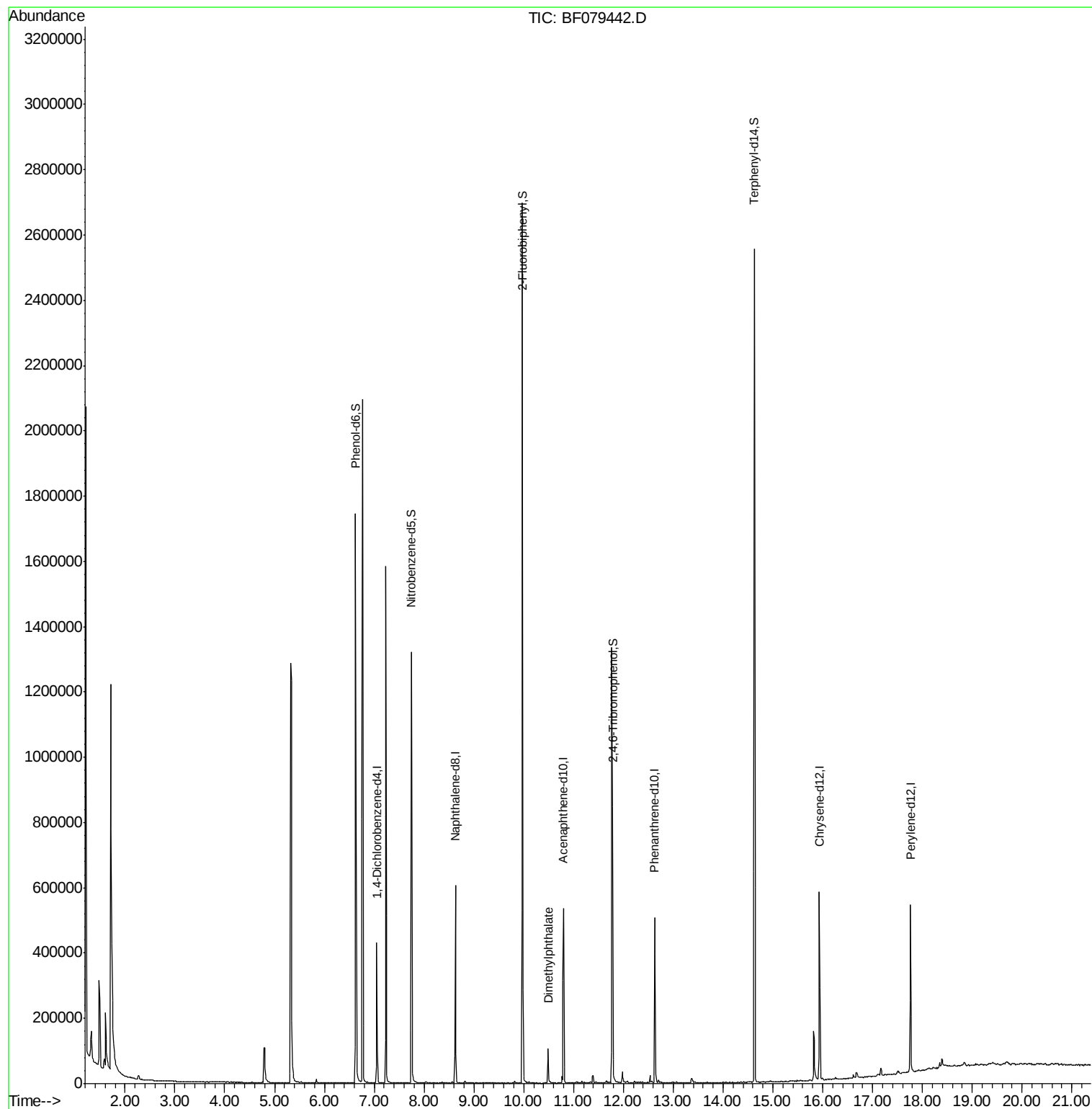
| Internal Standards          | R.T.  | QIon | Response | Conc   | Units | Dev(Min)     |
|-----------------------------|-------|------|----------|--------|-------|--------------|
| 1) 1,4-Dichlorobenzene-d4   | 7.05  | 152  | 66811    | 20.00  | ng    | 0.00         |
| 21) Naphthalene-d8          | 8.63  | 136  | 277396   | 20.00  | ng    | 0.00         |
| 38) Acenaphthene-d10        | 10.80 | 164  | 137595   | 20.00  | ng    | 0.00         |
| 63) Phenanthrene-d10        | 12.63 | 188  | 263097   | 20.00  | ng    | -0.01        |
| 75) Chrysene-d12            | 15.93 | 240  | 246847   | 20.00  | ng    | -0.03        |
| 86) Perylene-d12            | 17.76 | 264  | 246049   | 20.00  | ng    | -0.09        |
| System Monitoring Compounds |       |      |          |        |       |              |
| 5) 2-Fluorophenol           | 0.00  | 112  | 0        | 0.00   | ng    |              |
| 7) Phenol-d6                | 6.63  | 99   | 704265   | 137.27 | ng    | 0.00         |
| 23) Nitrobenzene-d5         | 7.75  | 82   | 421785   | 87.39  | ng    | 0.00         |
| 41) 2,4,6-Tribromophenol    | 11.78 | 330  | 225553   | 151.53 | ng    | 0.00         |
| 44) 2-Fluorobiphenyl        | 9.98  | 172  | 836934   | 84.74  | ng    | 0.00         |
| 78) Terphenyl-d14           | 14.63 | 244  | 911685   | 88.42  | ng    | 0.00         |
| Target Compounds            |       |      |          |        |       |              |
| 49) Dimethylphthalate       | 10.49 | 163  | 62871    | 6.23   | ng    | Qvalue<br>97 |

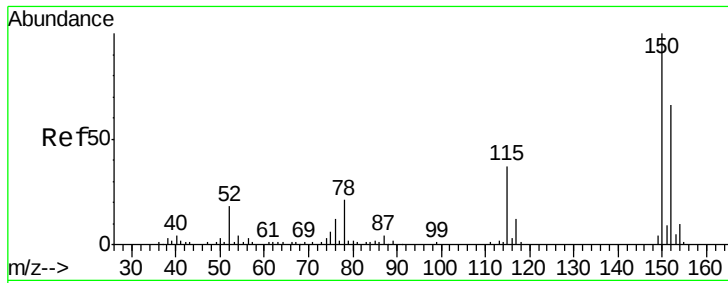
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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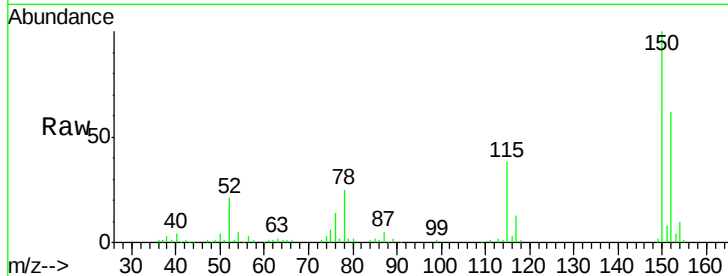




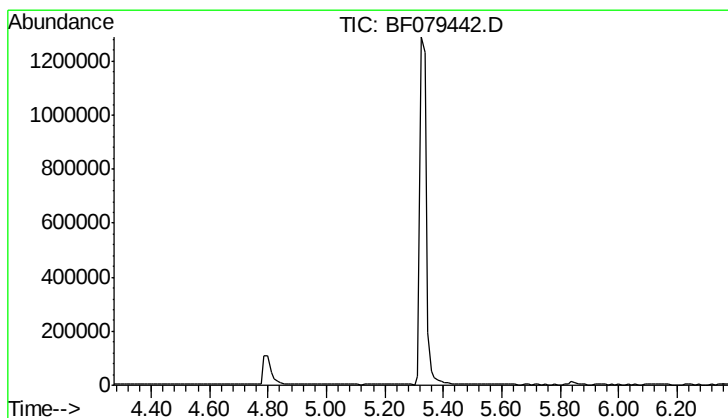
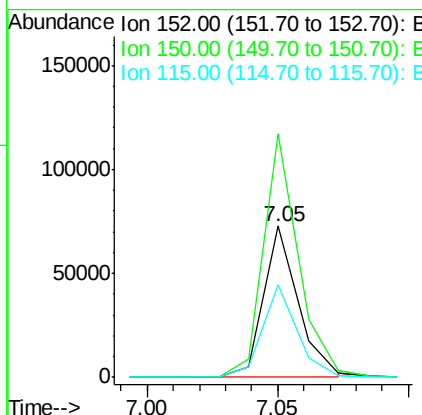
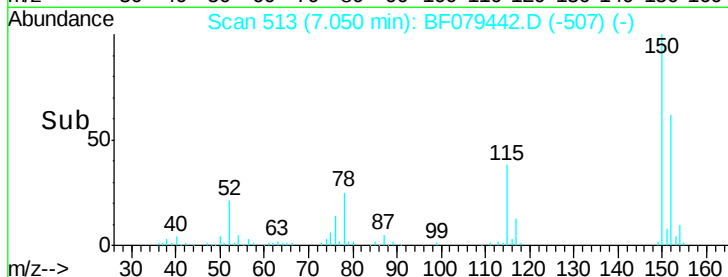
#1  
 1,4-Dichlorobenzene-d4  
 Concen: 20.00 ng  
 RT: 7.05 min Scan# 513  
 Delta R.T. -0.00 min  
 Lab File: BF079442.D  
 Acq: 22 May 2015 19:31

Instrument :  
 BNA\_F  
 ClientSampleId :  
 FK-BPM-02-G1-G2-G3-G4

| Tgt Ion | Resp  | Lower | Upper |
|---------|-------|-------|-------|
| 152     | 100   |       |       |
| 150     | 161.4 | 123.8 | 185.8 |
| 115     | 61.8  | 49.4  | 74.0  |

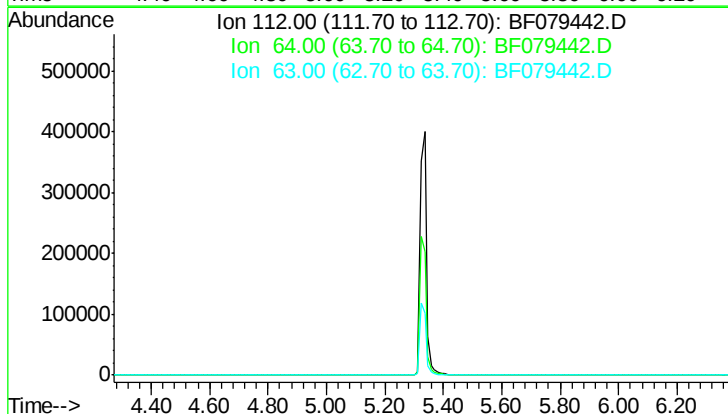


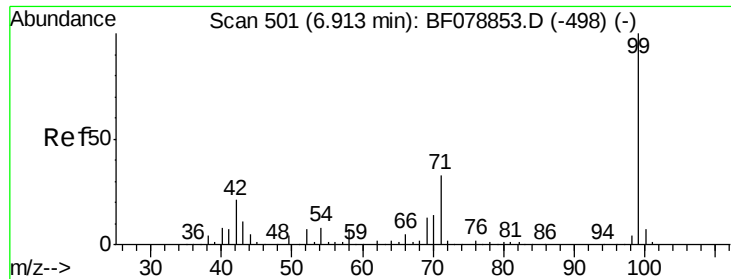
Abundance Ion 152.00 (151.70 to 152.70): E  
 Ion 150.00 (149.70 to 150.70): E  
 Ion 115.00 (114.70 to 115.70): E



#5  
 2-Fluorophenol  
 Concen: 0.00 ng  
 Expected RT: 5.32 min  
 Lab File: BF079442.D  
 Acq: 22 May 2015 19:31

| Tgt Ion | Exp Ratio |
|---------|-----------|
| 112     | 100       |
| 64      | 55.2      |
| 63      | 28.4      |





#7

Phenol-d6

Concen: 137.27 ng

RT: 6.63 min Scan# 476

Delta R.T. -0.00 min

Lab File: BF079442.D

Acq: 22 May 2015 19:31

Instrument :

BNA\_F

ClientSampleId :

FK-BPM-02-G1-G2-G3-G4

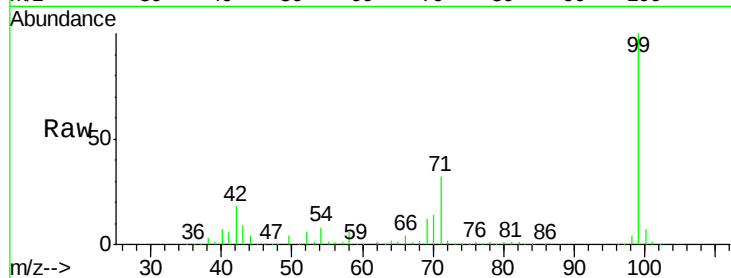
Tgt Ion: 99 Resp: 704265

Ion Ratio Lower Upper

99 100

42 18.3 17.1 25.7

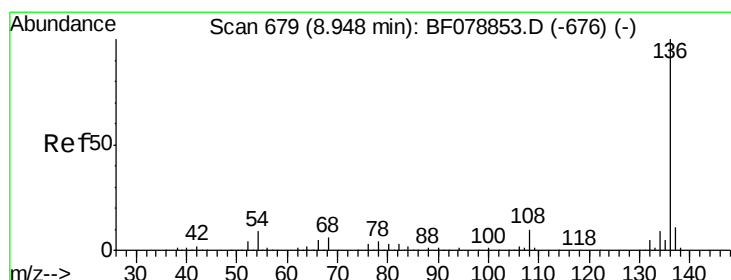
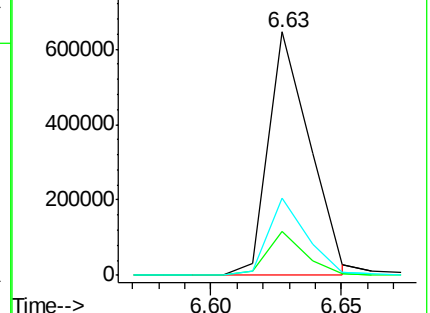
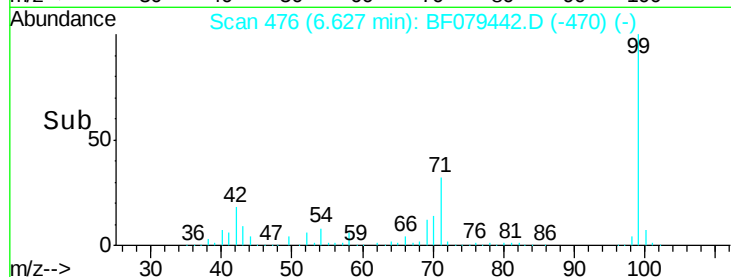
71 31.7 26.3 39.5



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: 8.63 min Scan# 651

Delta R.T. -0.00 min

Lab File: BF079442.D

Acq: 22 May 2015 19:31

Tgt Ion: 136 Resp: 277396

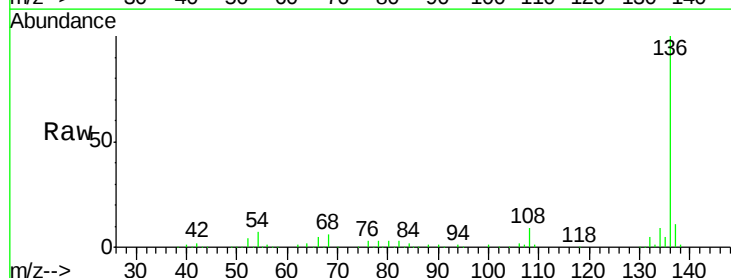
Ion Ratio Lower Upper

136 100

137 11.2 8.8 13.2

54 7.5 6.9 10.3

68 5.7 4.9 7.3

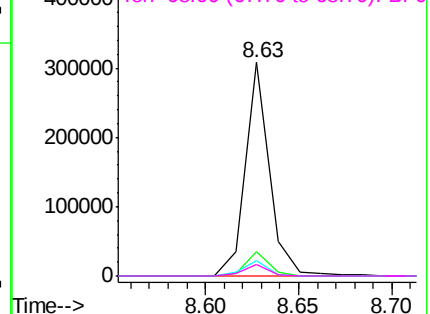
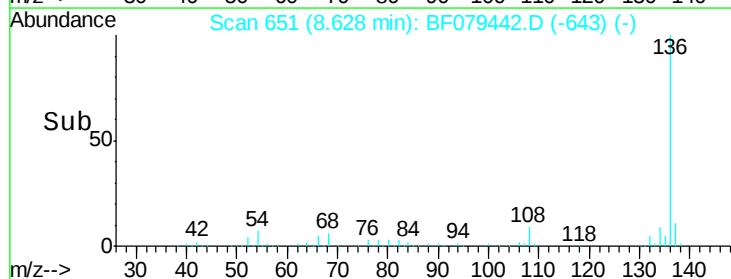


Abundance Ion 136.00 (135.70 to 136.70): E

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

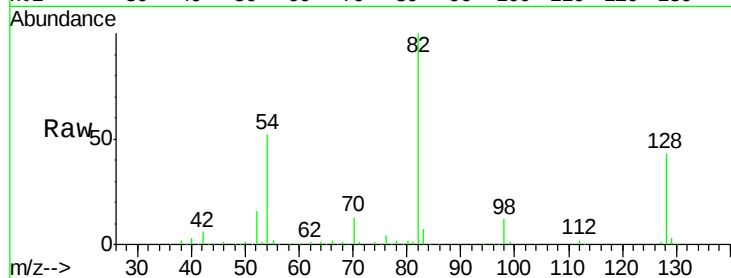




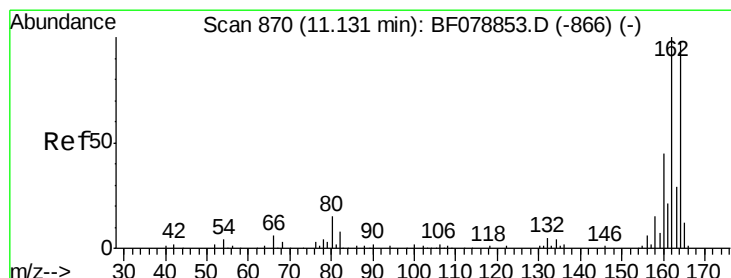
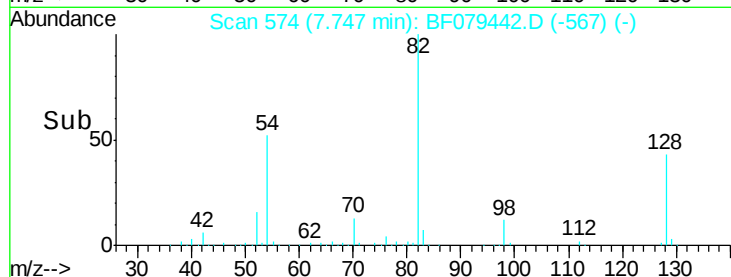
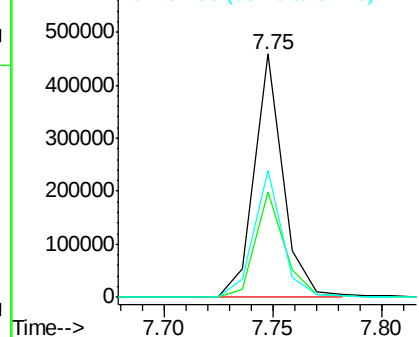
#23  
 Nitrobenzene-d5  
 Concen: 87.39 ng  
 RT: 7.75 min Scan# 574  
 Delta R.T. -0.00 min  
 Lab File: BF079442.D  
 Acq: 22 May 2015 19:31

Instrument :  
 BNA\_F  
 ClientSampleId :  
 FK-BPM-02-G1-G2-G3-G4

Tgt Ion: 82 Resp: 421785  
 Ion Ratio Lower Upper  
 82 100  
 128 43.5 29.7 44.5  
 54 52.1 46.2 69.4

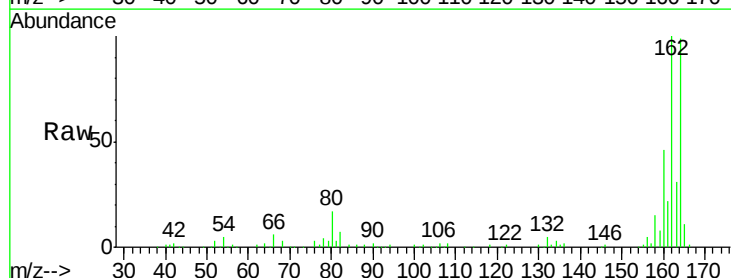


Abundance Ion 82.00 (81.70 to 82.70): BF0  
 Ion 128.00 (127.70 to 128.70): B  
 Ion 54.00 (53.70 to 54.70): BF0

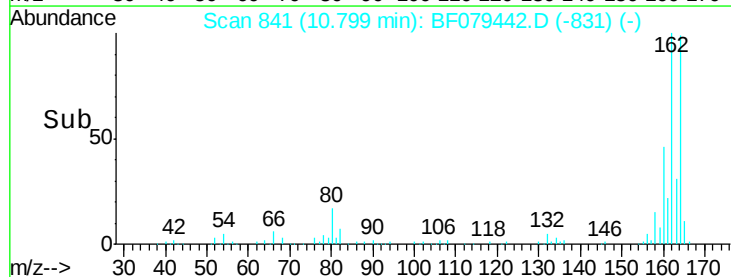
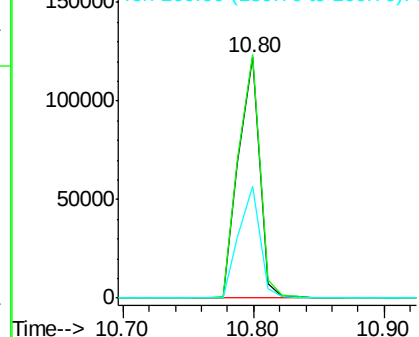


#38  
 Acenaphthene-d10  
 Concen: 20.00 ng  
 RT: 10.80 min Scan# 841  
 Delta R.T. -0.00 min  
 Lab File: BF079442.D  
 Acq: 22 May 2015 19:31

Tgt Ion: 164 Resp: 137595  
 Ion Ratio Lower Upper  
 164 100  
 162 101.2 81.4 122.0  
 160 46.2 36.6 54.8



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

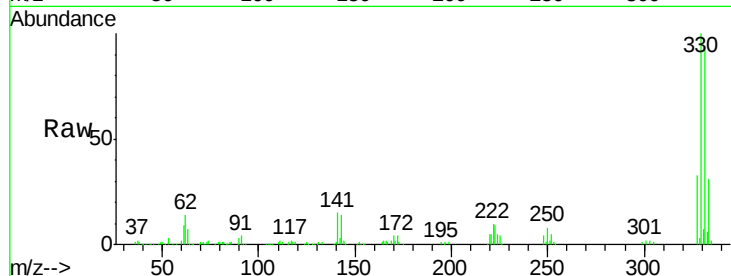




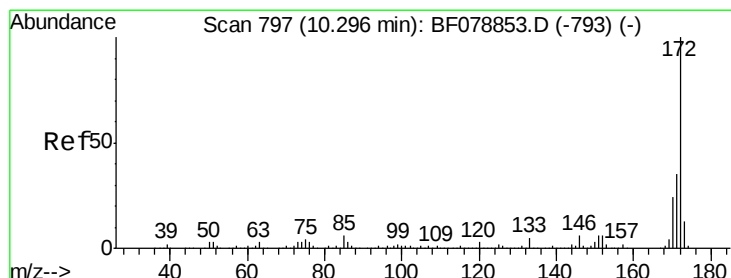
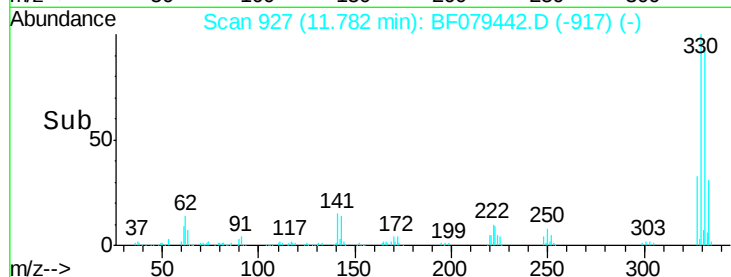
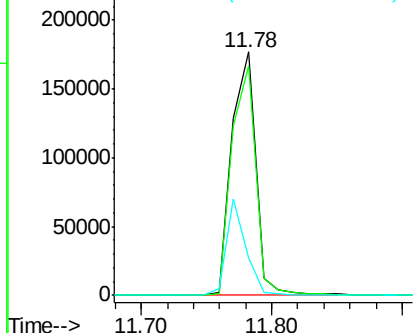
#41  
 2,4,6-Tribromophenol  
 Concen: 151.53 ng  
 RT: 11.78 min Scan# 927  
 Delta R.T. -0.00 min  
 Lab File: BF079442.D  
 Acq: 22 May 2015 19:31

Instrument :  
 BNA\_F  
 ClientSampleId :  
 FK-BPM-02-G1-G2-G3-G4

Tgt Ion:330 Resp: 225553  
 Ion Ratio Lower Upper  
 330 100  
 332 95.1 76.9 115.3  
 141 32.3 27.8 41.8

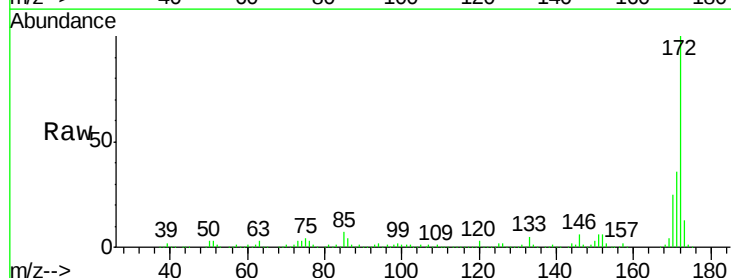


Abundance Ion 329.80 (329.50 to 330.50): E  
 Ion 331.80 (331.50 to 332.50): E  
 Ion 141.00 (140.70 to 141.70): E

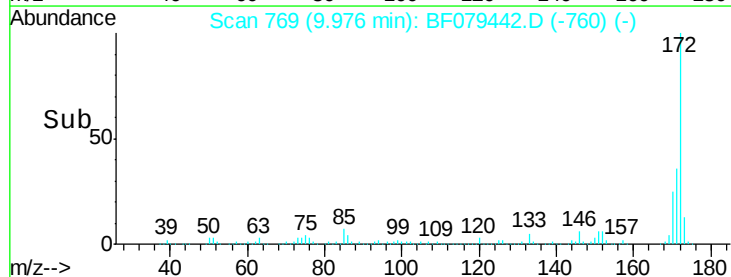
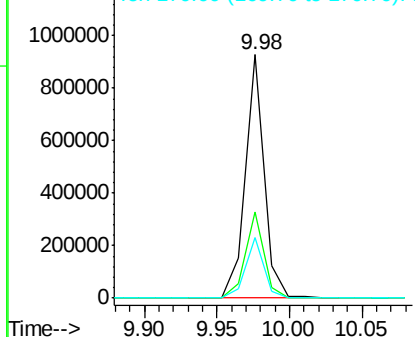


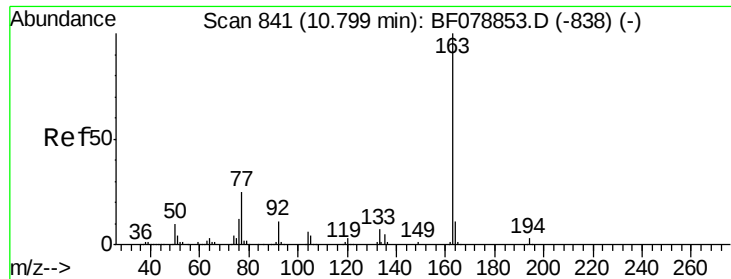
#44  
 2-Fluorobiphenyl  
 Concen: 84.74 ng  
 RT: 9.98 min Scan# 769  
 Delta R.T. -0.00 min  
 Lab File: BF079442.D  
 Acq: 22 May 2015 19:31

Tgt Ion:172 Resp: 836934  
 Ion Ratio Lower Upper  
 172 100  
 171 35.6 28.3 42.5  
 170 24.9 19.4 29.2



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

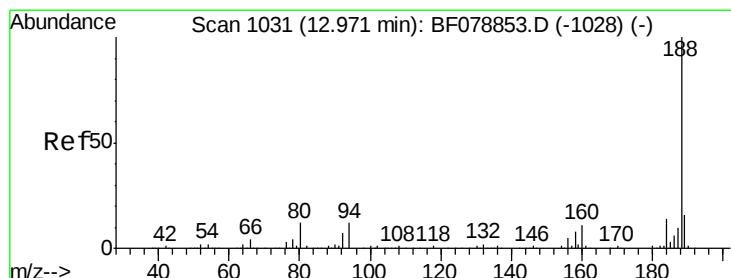
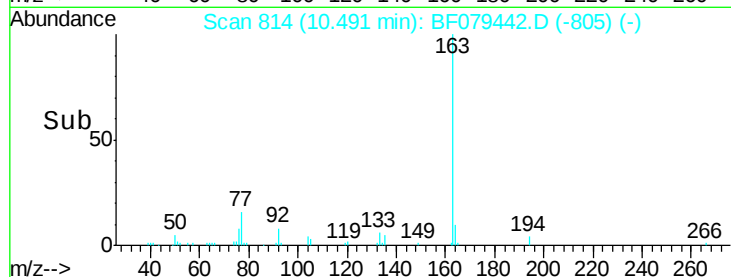
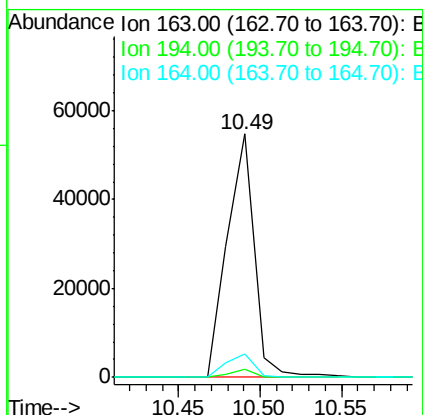
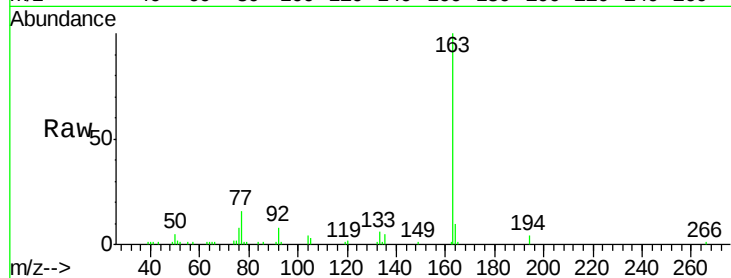




#49  
Dimethylphthalate  
Concen: 6.23 ng  
RT: 10.49 min Scan# 814  
Delta R.T. -0.00 min  
Lab File: BF079442.D  
Acq: 22 May 2015 19:31

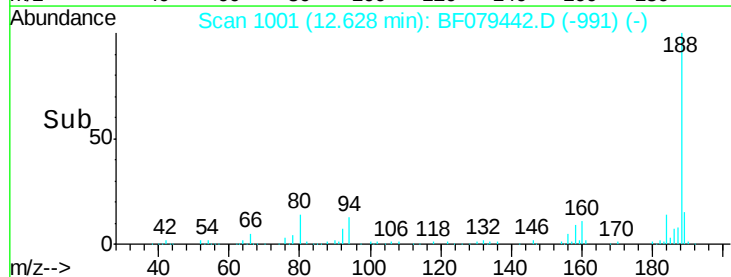
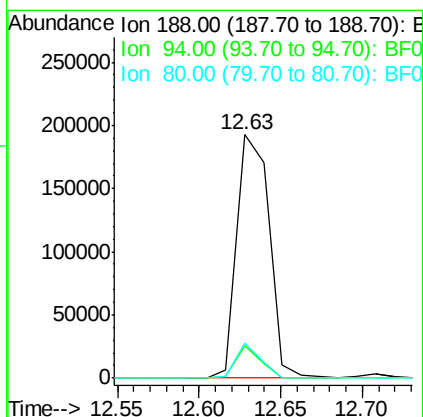
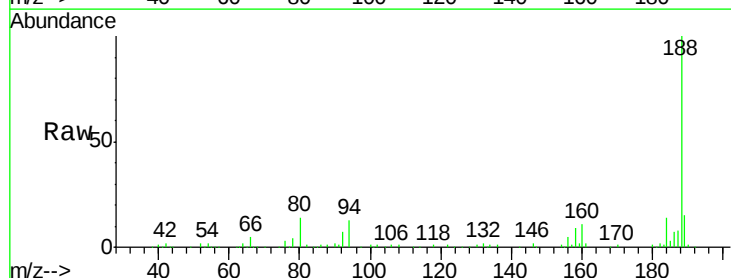
Instrument :  
BNA\_F  
ClientSampleId :  
FK-BPM-02-G1-G2-G3-G4

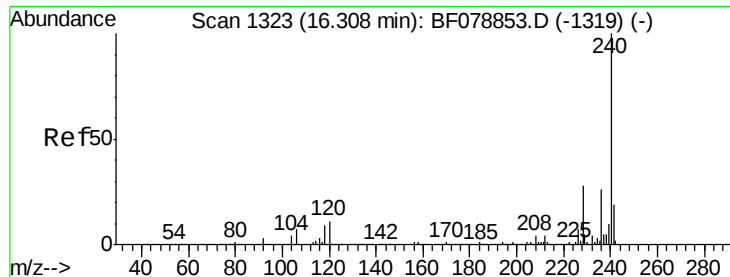
Tgt Ion:163 Resp: 62871  
Ion Ratio Lower Upper  
163 100  
194 3.6 2.4 3.6  
164 9.5 8.6 12.8



#63  
Phenanthrene-d10  
Concen: 20.00 ng  
RT: 12.63 min Scan# 1001  
Delta R.T. -0.01 min  
Lab File: BF079442.D  
Acq: 22 May 2015 19:31

Tgt Ion:188 Resp: 263097  
Ion Ratio Lower Upper  
188 100  
94 13.3 9.4 14.0  
80 14.3 9.8 14.6





#75

Chrysene-d12

Concen: 20.00 ng

RT: 15.93 min Scan# 1290

Delta R.T. -0.03 min

Lab File: BF079442.D

Acq: 22 May 2015 19:31

Instrument :

BNA\_F

ClientSampleId :

FK-BPM-02-G1-G2-G3-G4

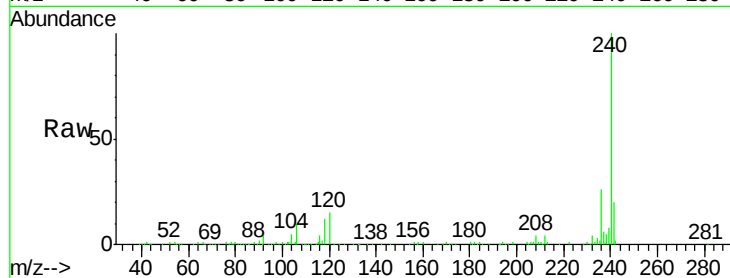
Tgt Ion:240 Resp: 246847

Ion Ratio Lower Upper

240 100

120 14.8 8.6 12.8#

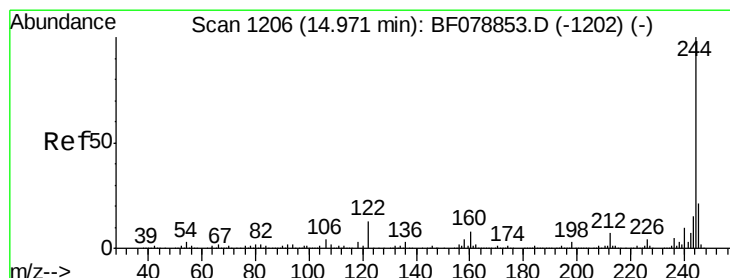
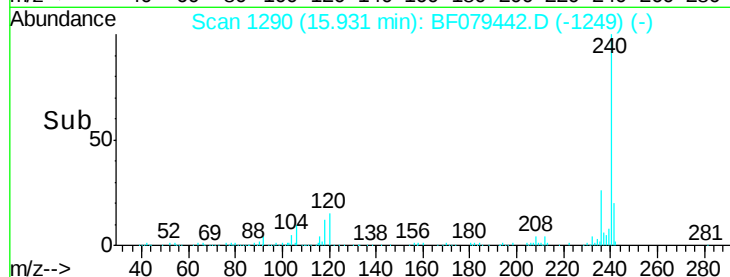
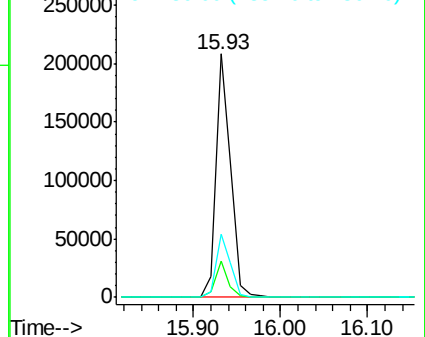
236 26.0 21.0 31.6



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: 88.42 ng

RT: 14.63 min Scan# 1176

Delta R.T. -0.00 min

Lab File: BF079442.D

Acq: 22 May 2015 19:31

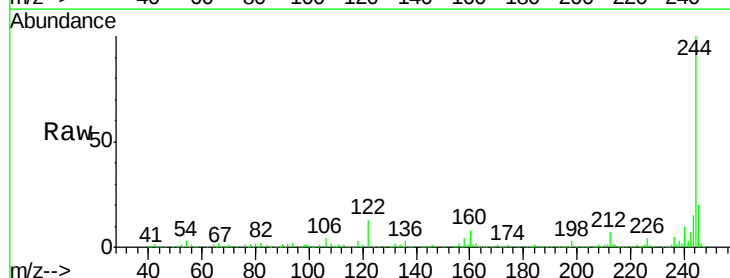
Tgt Ion:244 Resp: 911685

Ion Ratio Lower Upper

244 100

212 7.2 5.6 8.4

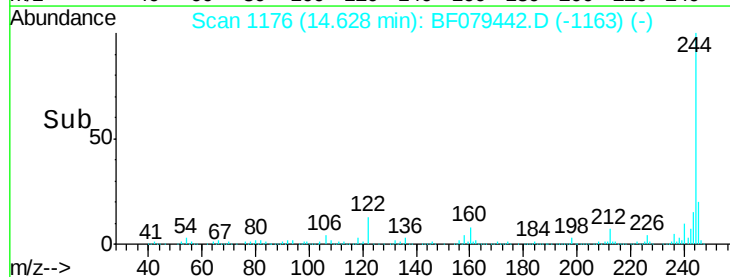
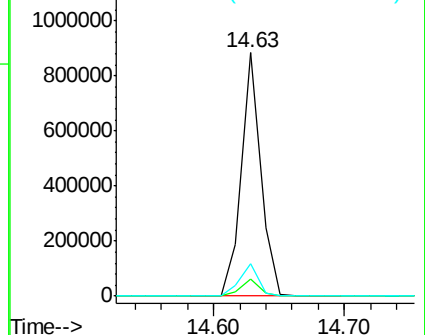
122 13.4 10.5 15.7



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: 17.76 min Scan# 1450  
Delta R.T. -0.09 min  
Lab File: BF079442.D  
Acq: 22 May 2015 19:31

Instrument :  
BNA\_F  
ClientSampleId :  
FK-BPM-02-G1-G2-G3-G4

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 264     | 100   |       |       |
| 260     | 24.3  | 19.2  | 28.8  |
| 265     | 21.4  | 17.2  | 25.8  |

