

Data Path : Z:\HPCHEM1\BNA\_F\DATA\BF060715\  
 Data File : BF079804.D  
 Acq On : 7 Jun 2015 10:05  
 Operator : TP/IZ  
 Sample : G2508-15  
 Misc :  
 ALS Vial : 34 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :  
 ABSLOPE-4(0-2)

Quant Time: Jun 09 01:15:19 2015  
 Quant Method : Z:\HPCHEM1\BNA\_F\METHODS\8270-BF060515.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Tue Jun 09 01:08:34 2015  
 Response via : Initial Calibration

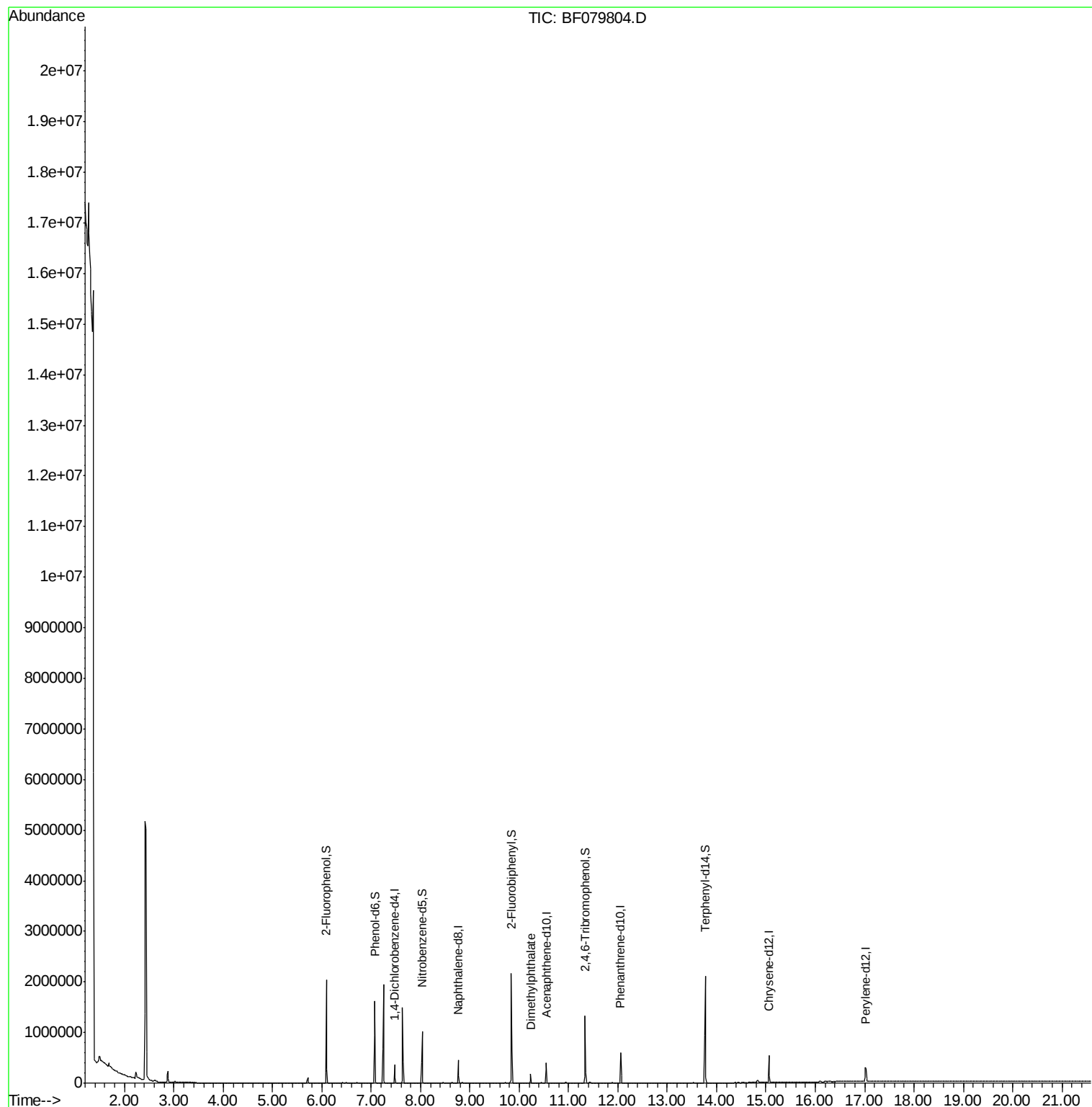
| Internal Standards          | R.T.  | QIon | Response | Conc   | Units | Dev(Min)     |
|-----------------------------|-------|------|----------|--------|-------|--------------|
| 1) 1,4-Dichlorobenzene-d4   | 7.47  | 152  | 54891    | 20.00  | ng    | 0.00         |
| 21) Naphthalene-d8          | 8.76  | 136  | 207662   | 20.00  | ng    | 0.00         |
| 38) Acenaphthene-d10        | 10.55 | 164  | 103471   | 20.00  | ng    | 0.00         |
| 63) Phenanthrene-d10        | 12.06 | 188  | 214384   | 20.00  | ng    | 0.00         |
| 75) Chrysene-d12            | 15.06 | 240  | 214154   | 20.00  | ng    | 0.08         |
| 86) Perylene-d12            | 17.03 | 264  | 191239   | 20.00  | ng    | 0.13         |
| System Monitoring Compounds |       |      |          |        |       |              |
| 5) 2-Fluorophenol           | 6.09  | 112  | 472202   | 144.18 | ng    | 0.00         |
| 7) Phenol-d6                | 7.07  | 99   | 655061   | 154.86 | ng    | 0.00         |
| 23) Nitrobenzene-d5         | 8.03  | 82   | 335373   | 99.15  | ng    | 0.00         |
| 41) 2,4,6-Tribromophenol    | 11.34 | 330  | 133720   | 135.12 | ng    | 0.00         |
| 44) 2-Fluorobiphenyl        | 9.84  | 172  | 677636   | 88.73  | ng    | 0.00         |
| 78) Terphenyl-d14           | 13.77 | 244  | 778703   | 83.28  | ng    | 0.05         |
| Target Compounds            |       |      |          |        |       |              |
| 49) Dimethylphthalate       | 10.23 | 163  | 70291    | 8.82   | ng    | Qvalue<br>97 |

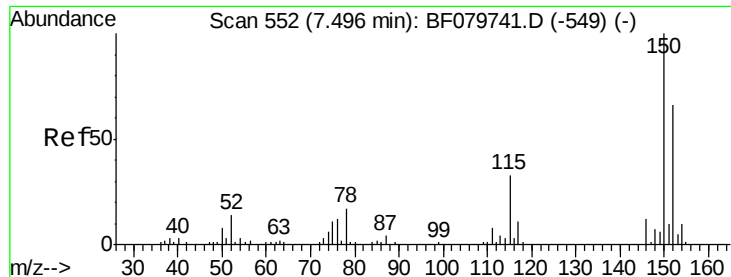
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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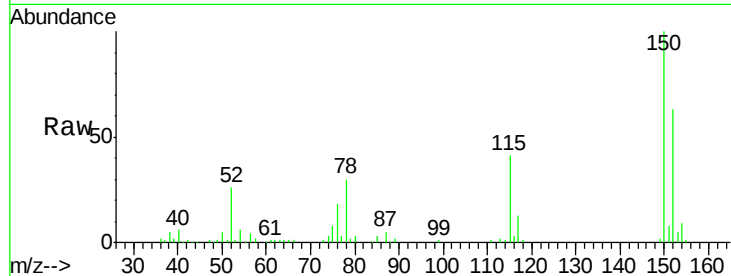




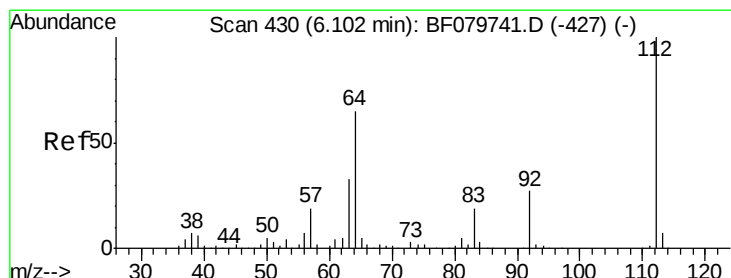
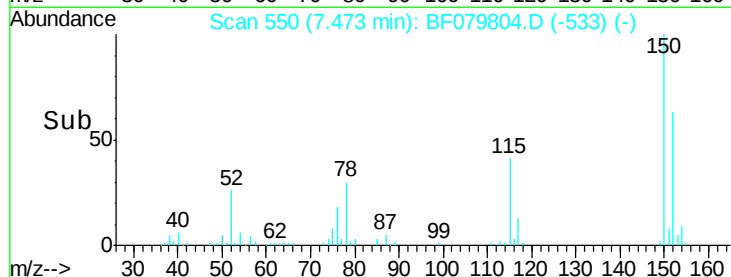
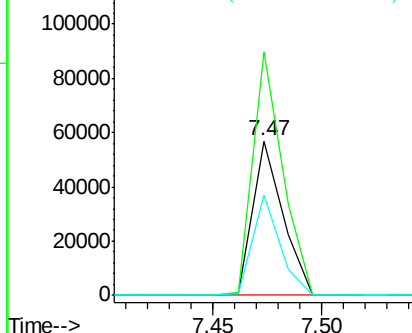
#1  
 1,4-Dichlorobenzene-d4  
 Concen: 20.00 ng  
 RT: 7.47 min Scan# 550  
 Delta R.T. -0.00 min  
 Lab File: BF079804.D  
 Acq: 7 Jun 2015 10:05

Instrument :  
 BNA\_F  
 ClientSampleId :  
 ABSLOPE-4(0-2)

Tgt Ion:152 Resp: 54891  
 Ion Ratio Lower Upper  
 152 100  
 150 157.7 128.1 192.1  
 115 65.2 49.7 74.5

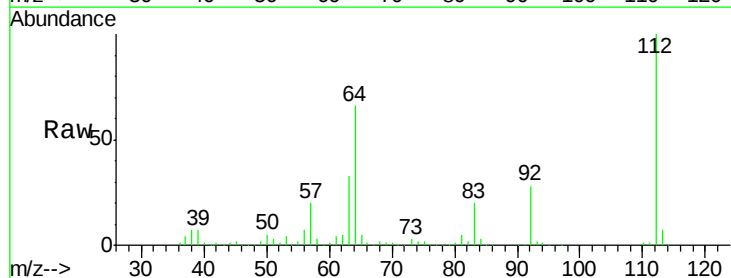


Abundance Ion 152.00 (151.70 to 152.70): E  
 Ion 150.00 (149.70 to 150.70): E  
 Ion 115.00 (114.70 to 115.70): E

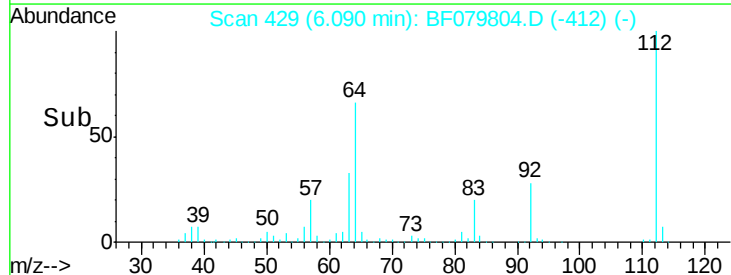
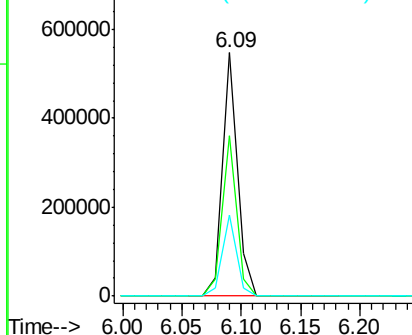


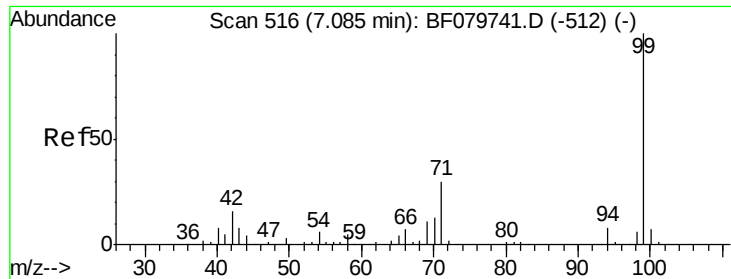
#5  
 2-Fluorophenol  
 Concen: 144.18 ng  
 RT: 6.09 min Scan# 429  
 Delta R.T. -0.00 min  
 Lab File: BF079804.D  
 Acq: 7 Jun 2015 10:05

Tgt Ion:112 Resp: 472202  
 Ion Ratio Lower Upper  
 112 100  
 64 66.1 49.6 74.4  
 63 33.3 24.9 37.3



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: 154.86 ng

RT: 7.07 min Scan# 515

Delta R.T. -0.00 min

Lab File: BF079804.D

Acq: 7 Jun 2015 10:05

Instrument :

BNA\_F

ClientSampleId :

ABSLOPE-4(0-2)

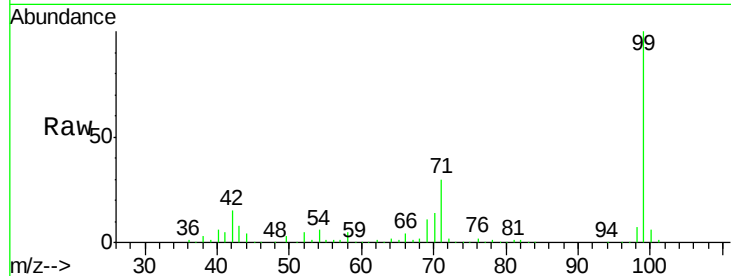
Tgt Ion: 99 Resp: 655061

Ion Ratio Lower Upper

99 100

42 15.1 18.0 27.0#

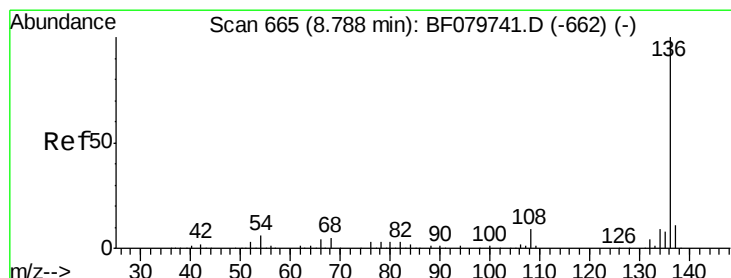
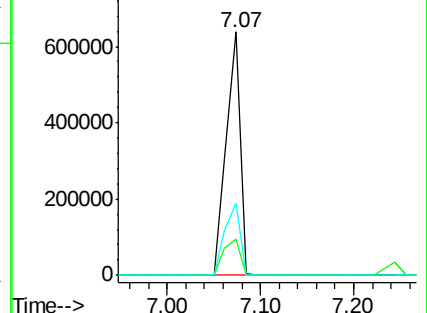
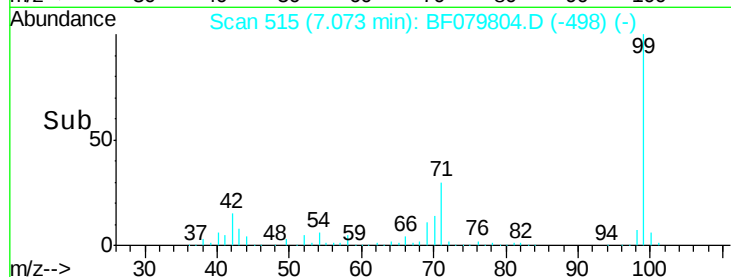
71 29.8 28.4 42.6



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: 8.76 min Scan# 663

Delta R.T. -0.00 min

Lab File: BF079804.D

Acq: 7 Jun 2015 10:05

Tgt Ion: 136 Resp: 207662

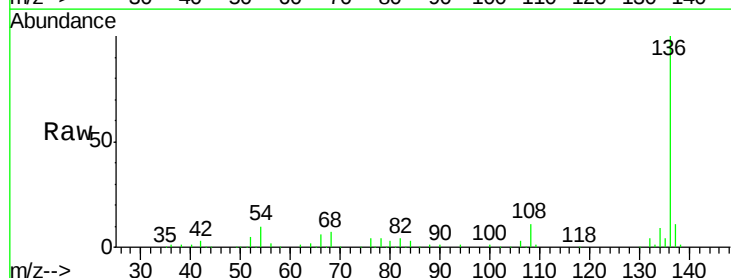
Ion Ratio Lower Upper

136 100

137 11.0 8.8 13.2

54 10.0 8.7 13.1

68 6.8 5.8 8.8

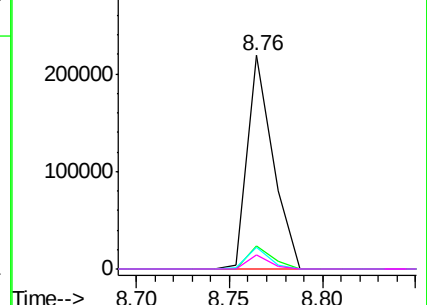
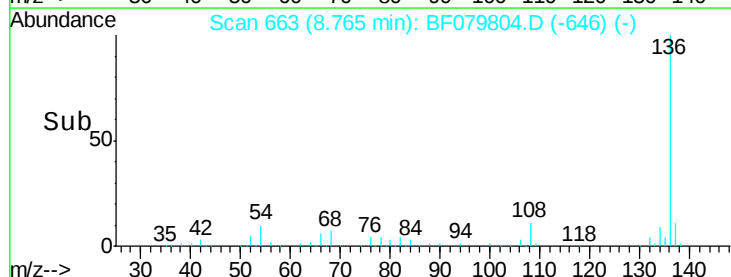


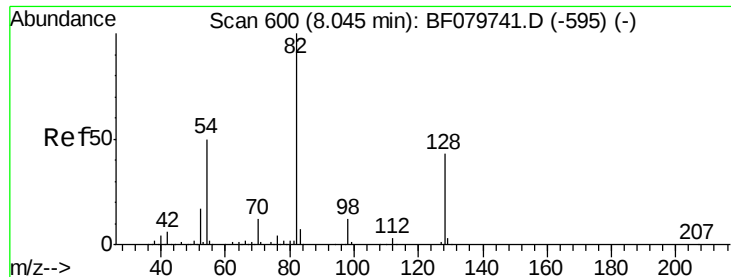
Abundance Ion 136.00 (135.70 to 136.70): E

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: 99.15 ng

RT: 8.03 min Scan# 599

Delta R.T. -0.00 min

Lab File: BF079804.D

Acq: 7 Jun 2015 10:05

Instrument :

BNA\_F

ClientSampleId :

ABSLOPE-4(0-2)

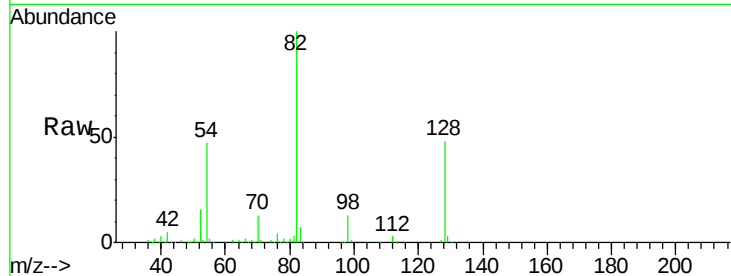
Tgt Ion: 82 Resp: 335373

Ion Ratio Lower Upper

82 100

128 47.9 37.6 56.4

54 46.6 39.4 59.2



Abundance Ion 82.00 (81.70 to 82.70): BF079741.D (-595) (-)

Ion 128.00 (127.70 to 128.70): BF079741.D (-595) (-)

Ion 54.00 (53.70 to 54.70): BF079741.D (-595) (-)

8.03

400000

300000

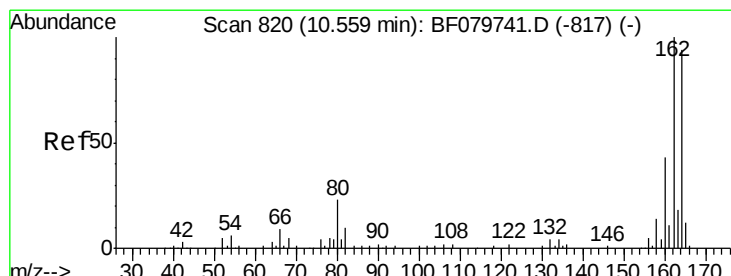
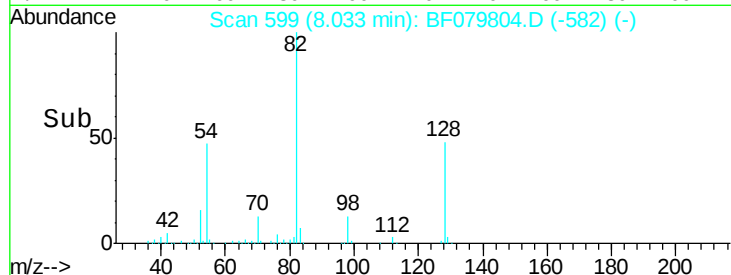
200000

100000

0

7.95 8.00 8.05 8.10

Time-->



#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 10.55 min Scan# 819

Delta R.T. -0.00 min

Lab File: BF079804.D

Acq: 7 Jun 2015 10:05

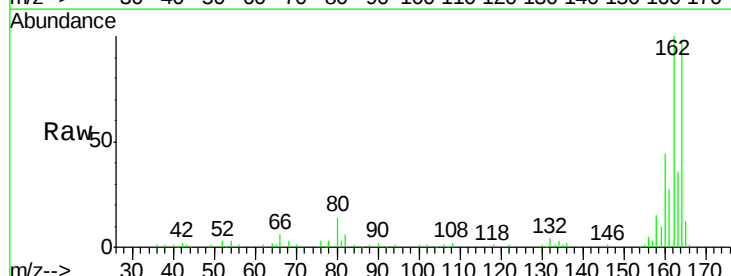
Tgt Ion: 164 Resp: 103471

Ion Ratio Lower Upper

164 100

162 102.9 82.6 123.8

160 44.8 36.8 55.2



Abundance Ion 164.00 (163.70 to 164.70): BF079741.D (-817) (-)

Ion 162.00 (161.70 to 162.70): BF079741.D (-817) (-)

Ion 160.00 (159.70 to 160.70): BF079741.D (-817) (-)

10.55

120000

100000

80000

60000

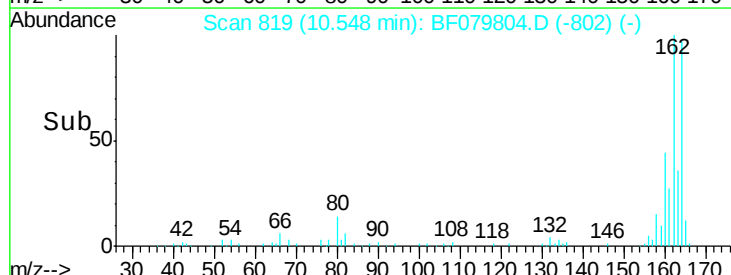
40000

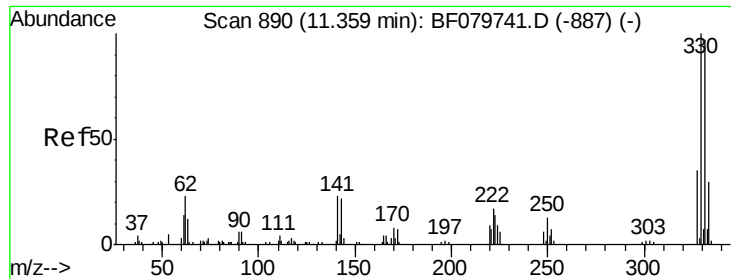
20000

0

10.50 10.55 10.60

Time-->

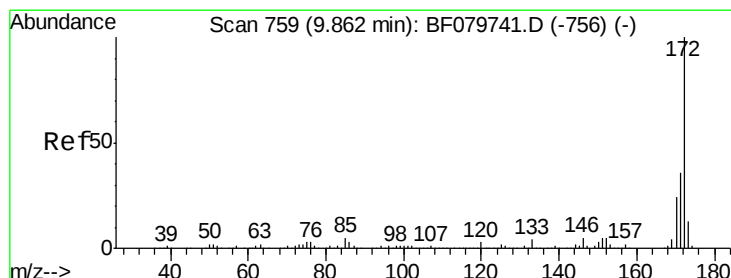
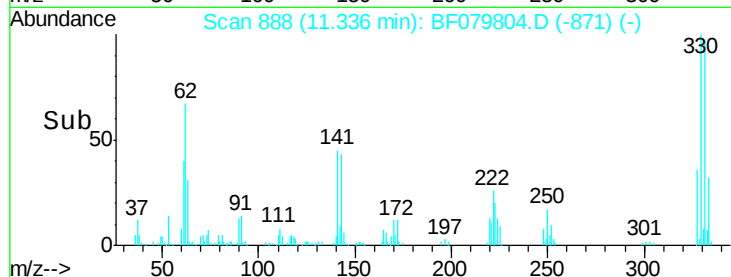
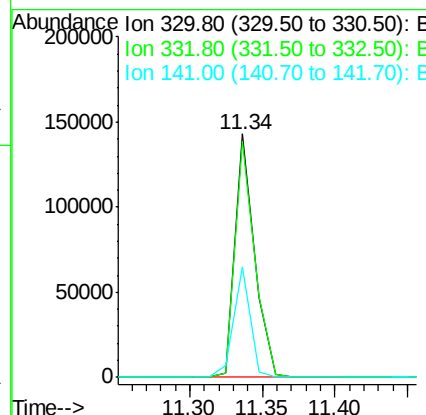
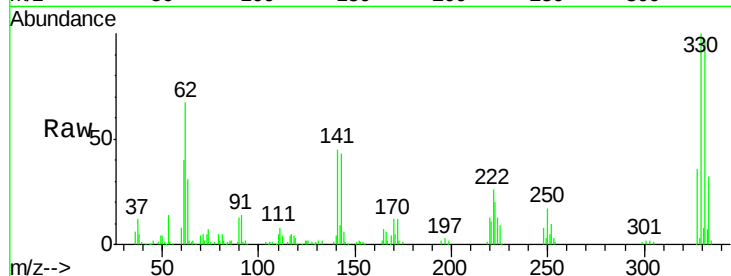




#41  
 2,4,6-Tribromophenol  
 Concen: 135.12 ng  
 RT: 11.34 min Scan# 888  
 Delta R.T. -0.00 min  
 Lab File: BF079804.D  
 Acq: 7 Jun 2015 10:05

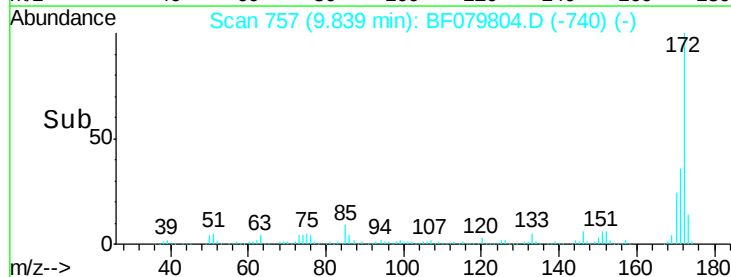
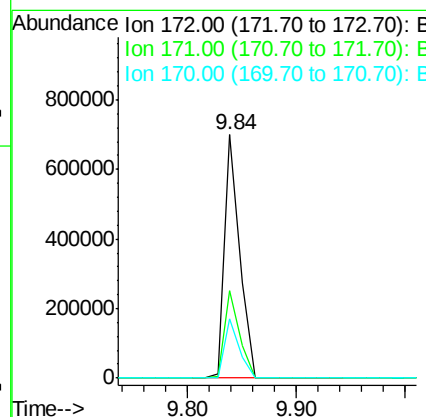
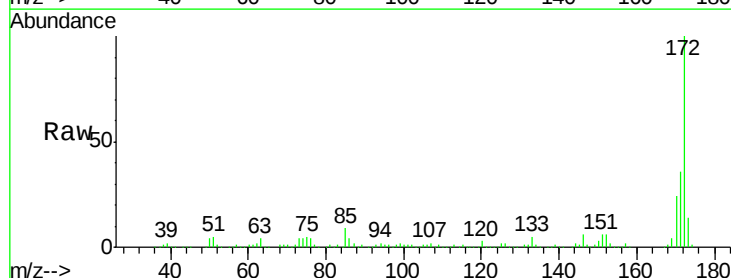
Instrument :  
 BNA\_F  
 ClientSampleId :  
 ABSLOPE-4(0-2)

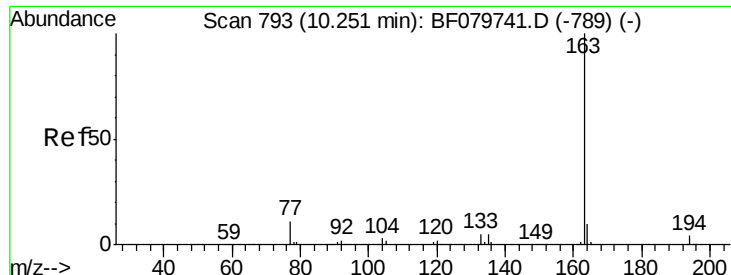
Tgt Ion:330 Resp: 133720  
 Ion Ratio Lower Upper  
 330 100  
 332 98.2 77.4 116.0  
 141 38.7 30.2 45.2



#44  
 2-Fluorobiphenyl  
 Concen: 88.73 ng  
 RT: 9.84 min Scan# 757  
 Delta R.T. -0.00 min  
 Lab File: BF079804.D  
 Acq: 7 Jun 2015 10:05

Tgt Ion:172 Resp: 677636  
 Ion Ratio Lower Upper  
 172 100  
 171 36.0 29.4 44.0  
 170 24.2 19.7 29.5

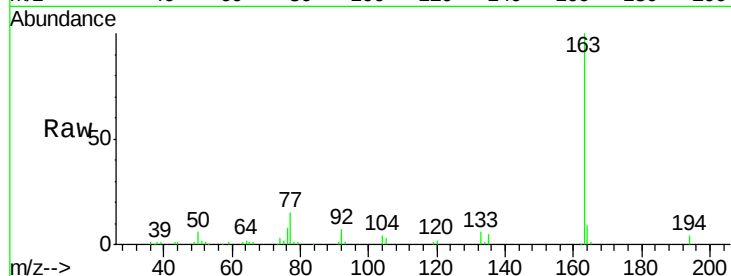




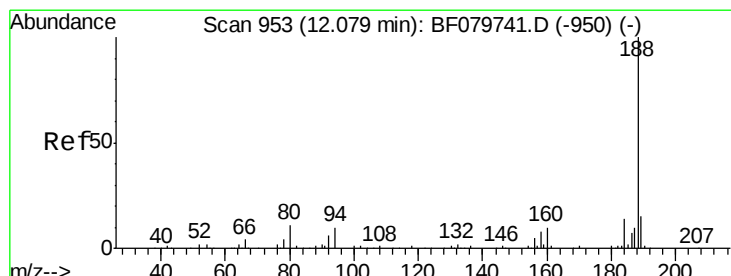
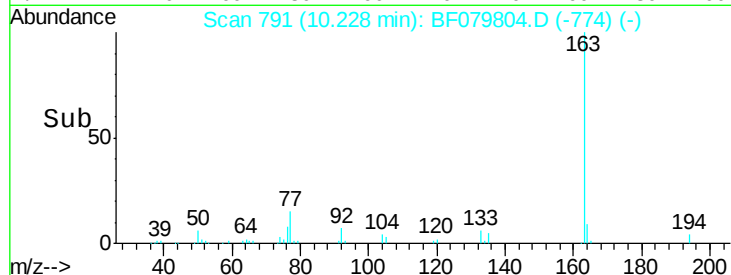
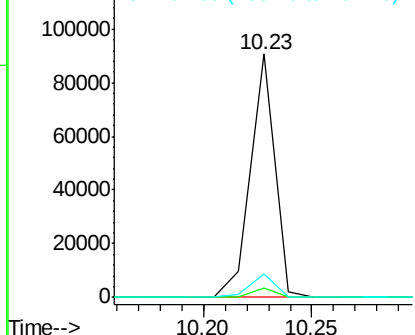
#49  
Dimethylphthalate  
Concen: 8.82 ng  
RT: 10.23 min Scan# 791  
Delta R.T. -0.00 min  
Lab File: BF079804.D  
Acq: 7 Jun 2015 10:05

Instrument :  
BNA\_F  
ClientSampleId :  
ABSLOPE-4(0-2)

Tgt Ion:163 Resp: 70291  
Ion Ratio Lower Upper  
163 100  
194 3.6 2.6 3.8  
164 9.5 8.5 12.7

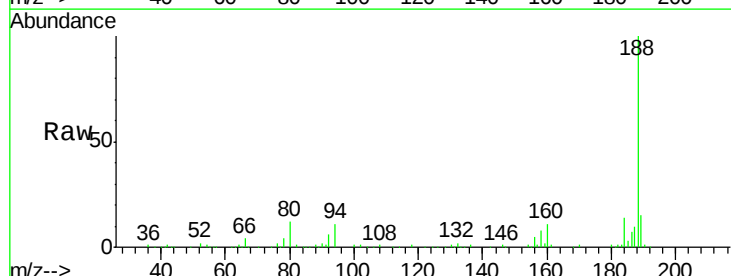


Abundance Ion 163.00 (162.70 to 163.70): E  
Ion 194.00 (193.70 to 194.70): E  
Ion 164.00 (163.70 to 164.70): E

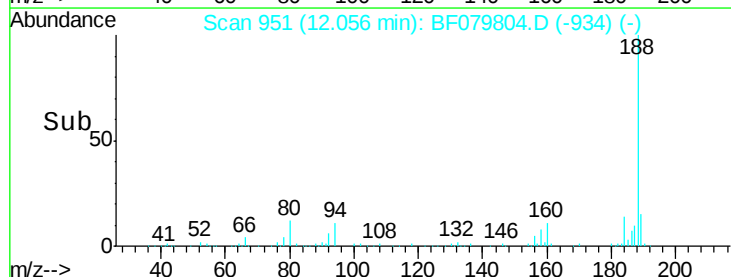
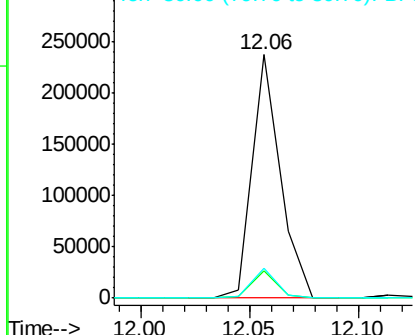


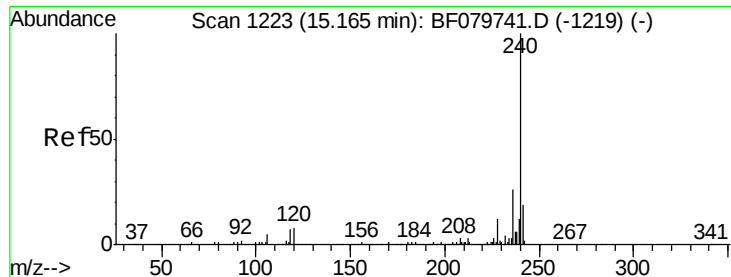
#63  
Phenanthrene-d10  
Concen: 20.00 ng  
RT: 12.06 min Scan# 951  
Delta R.T. -0.00 min  
Lab File: BF079804.D  
Acq: 7 Jun 2015 10:05

Tgt Ion:188 Resp: 214384  
Ion Ratio Lower Upper  
188 100  
94 11.4 5.0 7.4#  
80 12.4 5.3 7.9#



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

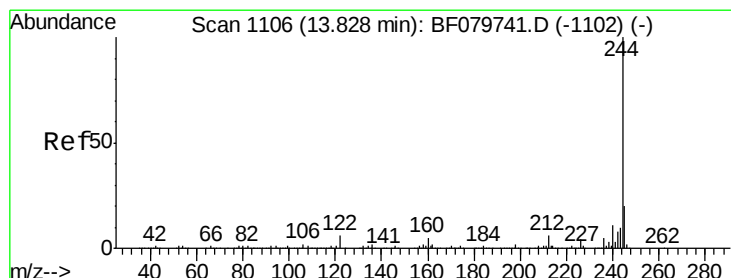
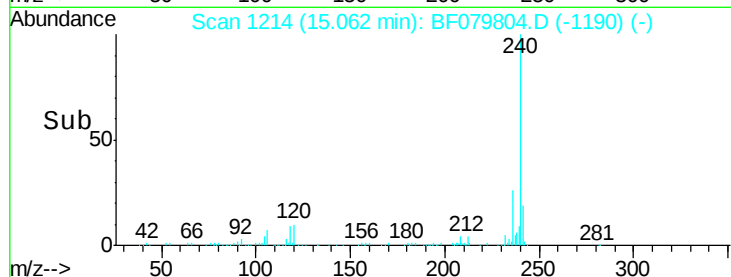
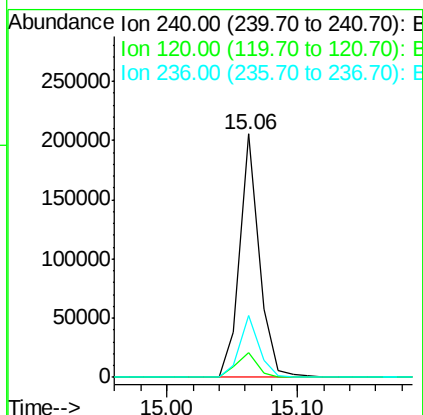
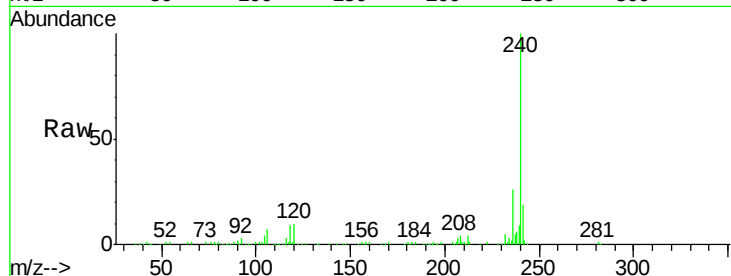




#75  
Chrysene-d12  
Concen: 20.00 ng  
RT: 15.06 min Scan# 1214  
Delta R.T. 0.08 min  
Lab File: BF079804.D  
Acq: 7 Jun 2015 10:05

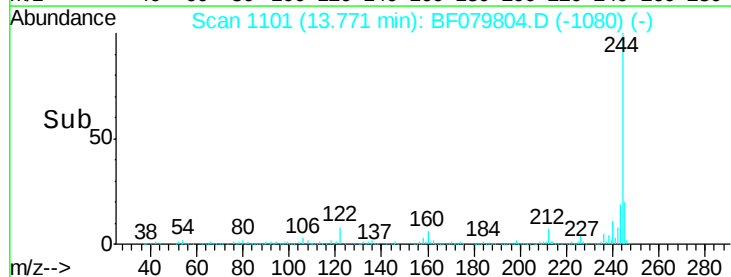
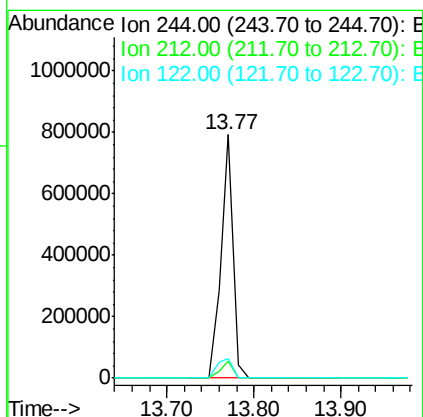
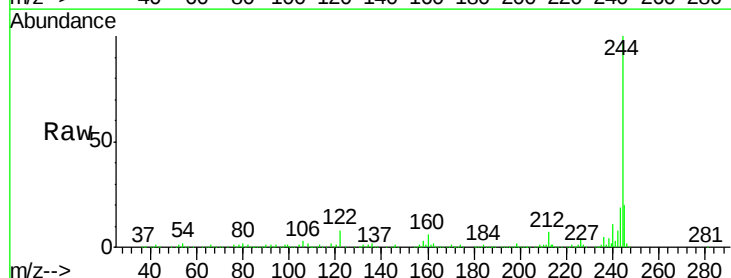
Instrument :  
BNA\_F  
ClientSampleId :  
ABSLOPE-4(0-2)

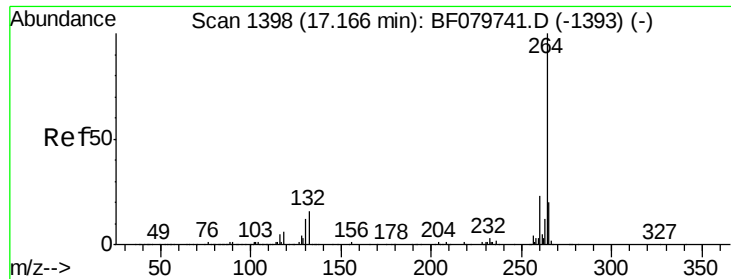
Tgt Ion:240 Resp: 214154  
Ion Ratio Lower Upper  
240 100  
120 10.1 6.2 9.2#  
236 25.6 21.0 31.4



#78  
Terphenyl-d14  
Concen: 83.28 ng  
RT: 13.77 min Scan# 1101  
Delta R.T. 0.05 min  
Lab File: BF079804.D  
Acq: 7 Jun 2015 10:05

Tgt Ion:244 Resp: 778703  
Ion Ratio Lower Upper  
244 100  
212 6.8 6.1 9.1  
122 8.2 9.3 13.9#

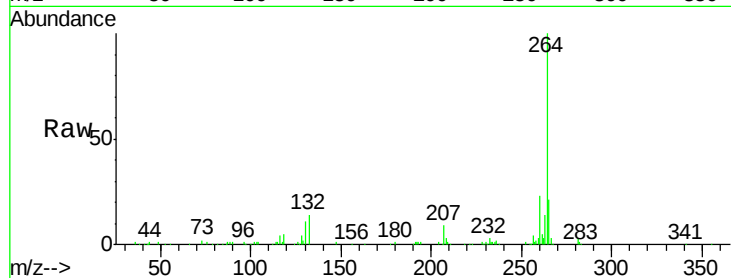




#86  
Perylene-d12  
Concen: 20.00 ng  
RT: 17.03 min Scan# 1386  
Delta R.T. 0.13 min  
Lab File: BF079804.D  
Acq: 7 Jun 2015 10:05

Instrument :  
BNA\_F  
ClientSampleId :  
ABSLOPE-4(0-2)

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 264     | 100   |       |       |
| 260     | 22.8  | 18.6  | 27.8  |
| 265     | 21.2  | 18.2  | 27.4  |



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

