

Data Path : Z:\HPCHEM1\BNA\_F\DATA\BF062415\  
 Data File : BF080143.D  
 Acq On : 24 Jun 2015 20:50  
 Operator : TP/IZ  
 Sample : G2750-08  
 Misc :  
 ALS Vial : 16 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :  
 SS-8

Quant Time: Jun 25 01:32:35 2015  
 Quant Method : Z:\HPCHEM1\BNA\_F\METHODS\8270-BF061715.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Thu Jun 25 00:52:28 2015  
 Response via : Initial Calibration

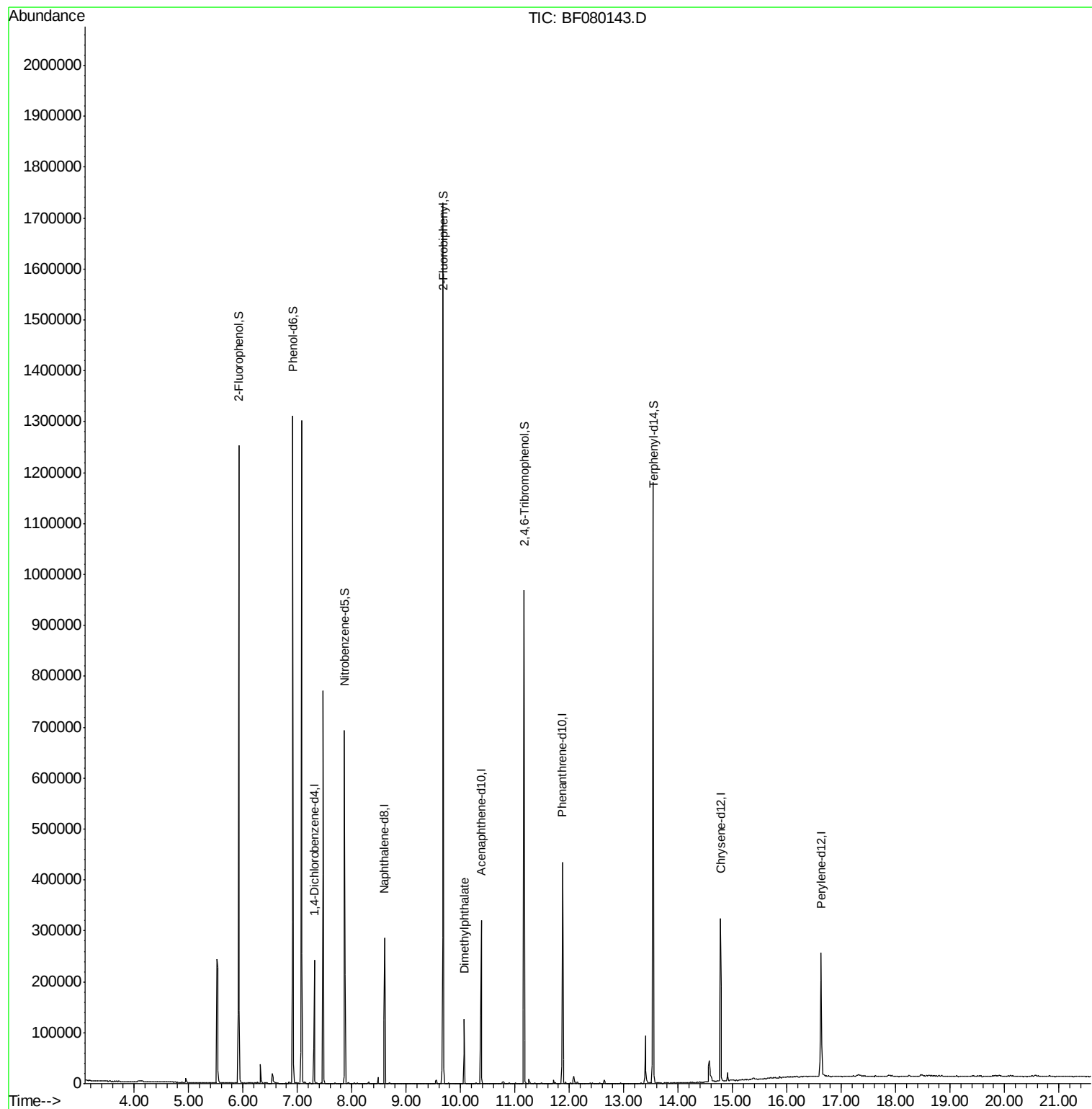
| Internal Standards          | R.T.  | QIon | Response | Conc   | Units | Dev(Min)       |
|-----------------------------|-------|------|----------|--------|-------|----------------|
| 1) 1,4-Dichlorobenzene-d4   | 7.32  | 152  | 38075    | 20.00  | ng    | 0.00           |
| 21) Naphthalene-d8          | 8.61  | 136  | 142643   | 20.00  | ng    | 0.00           |
| 38) Acenaphthene-d10        | 10.38 | 164  | 70330    | 20.00  | ng    | 0.00           |
| 63) Phenanthrene-d10        | 11.88 | 188  | 147378   | 20.00  | ng    | -0.01          |
| 75) Chrysene-d12            | 14.78 | 240  | 150303   | 20.00  | ng    | -0.15          |
| 86) Perylene-d12            | 16.63 | 264  | 149944   | 20.00  | ng    | -0.21          |
| System Monitoring Compounds |       |      |          |        |       |                |
| 5) 2-Fluorophenol           | 5.92  | 112  | 299571   | 139.28 | ng    | 0.00           |
| 7) Phenol-d6                | 6.92  | 99   | 423324   | 147.90 | ng    | 0.00           |
| 23) Nitrobenzene-d5         | 7.86  | 82   | 219726   | 89.68  | ng    | -0.01          |
| 41) 2,4,6-Tribromophenol    | 11.17 | 330  | 99298    | 144.39 | ng    | 0.00           |
| 44) 2-Fluorobiphenyl        | 9.68  | 172  | 494360   | 100.24 | ng    | 0.00           |
| 78) Terphenyl-d14           | 13.55 | 244  | 575726   | 89.46  | ng    | -0.07          |
| Target Compounds            |       |      |          |        |       |                |
| 49) Dimethylphthalate       | 10.07 | 163  | 62342    | 11.79  | ng    | Qvalue<br># 96 |

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

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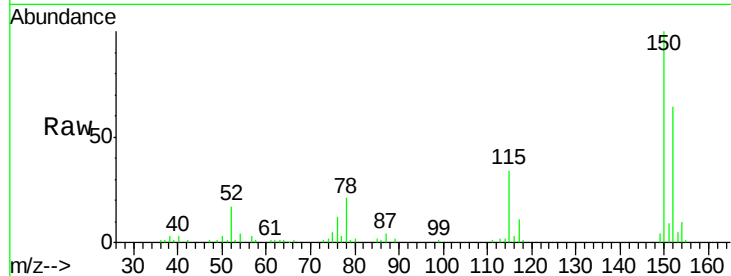




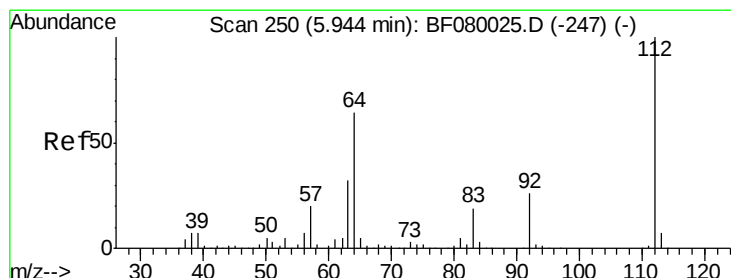
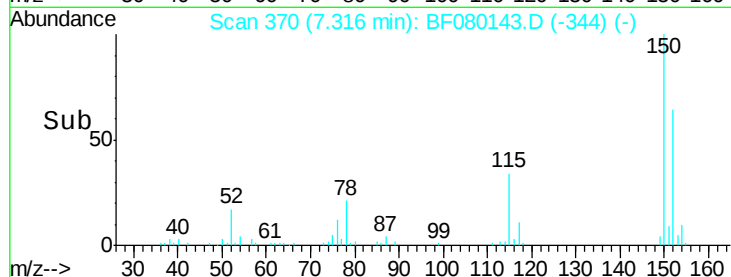
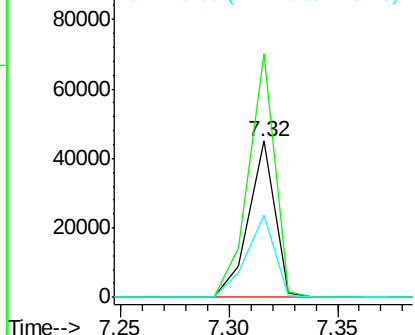
#1  
 1,4-Dichlorobenzene-d4  
 Concen: 20.00 ng  
 RT: 7.32 min Scan# 370  
 Delta R.T. 0.00 min  
 Lab File: BF080143.D  
 Acq: 24 Jun 2015 20:50

Instrument :  
 BNA\_F  
 ClientSampleId :  
 SS-8

Tgt Ion:152 Resp: 38075  
 Ion Ratio Lower Upper  
 152 100  
 150 155.6 124.7 187.1  
 115 52.5 39.0 58.4

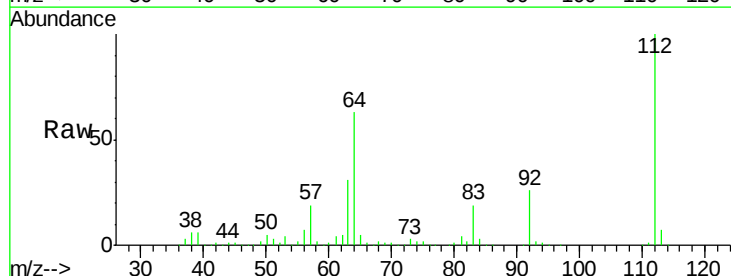


Abundance Ion 152.00 (151.70 to 152.70): E  
 Ion 150.00 (149.70 to 150.70): E  
 Ion 115.00 (114.70 to 115.70): E

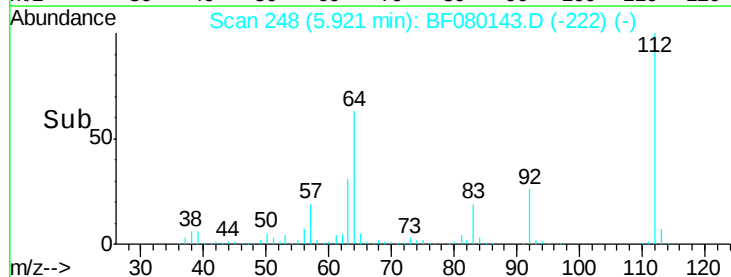
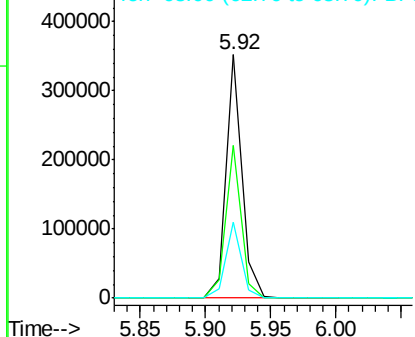


#5  
 2-Fluorophenol  
 Concen: 139.28 ng  
 RT: 5.92 min Scan# 248  
 Delta R.T. 0.00 min  
 Lab File: BF080143.D  
 Acq: 24 Jun 2015 20:50

Tgt Ion:112 Resp: 299571  
 Ion Ratio Lower Upper  
 112 100  
 64 62.9 39.7 59.5#  
 63 31.3 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: 147.90 ng

RT: 6.92 min Scan# 335

Delta R.T. 0.00 min

Lab File: BF080143.D

Acq: 24 Jun 2015 20:50

Instrument :

BNA\_F

ClientSampleId :

SS-8

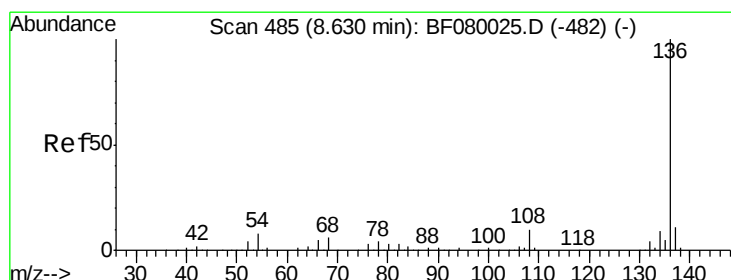
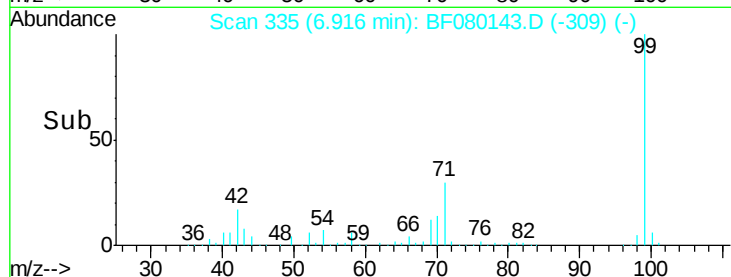
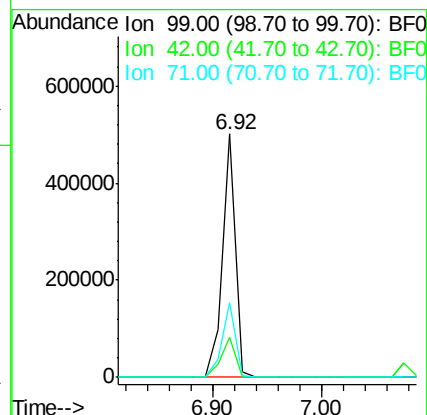
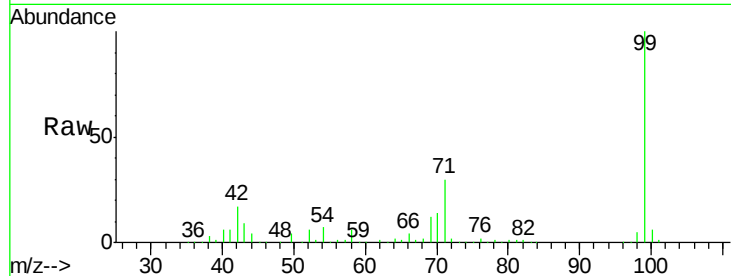
Tgt Ion: 99 Resp: 423324

Ion Ratio Lower Upper

99 100

42 16.7 13.7 20.5

71 30.5 14.2 21.2#



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.61 min Scan# 483

Delta R.T. 0.00 min

Lab File: BF080143.D

Acq: 24 Jun 2015 20:50

Tgt Ion: 136 Resp: 142643

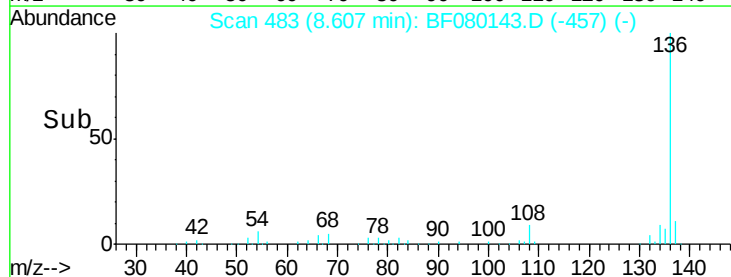
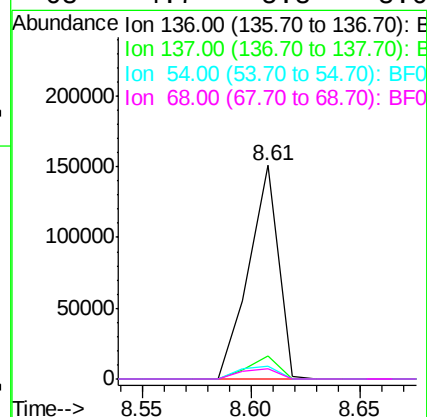
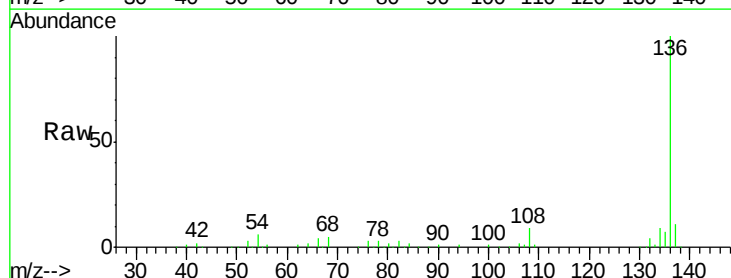
Ion Ratio Lower Upper

136 100

137 10.7 9.0 13.6

54 5.9 8.2 12.2#

68 4.7 5.8 8.6#

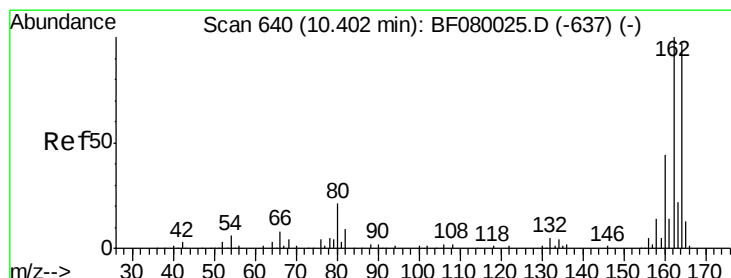
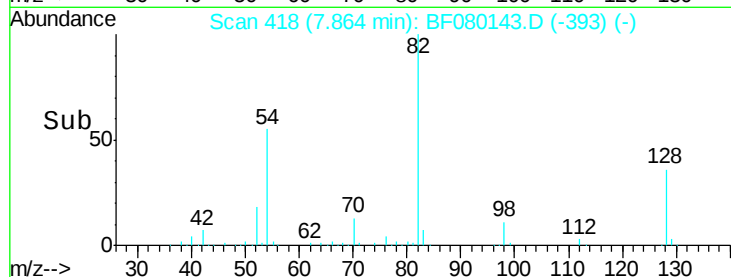
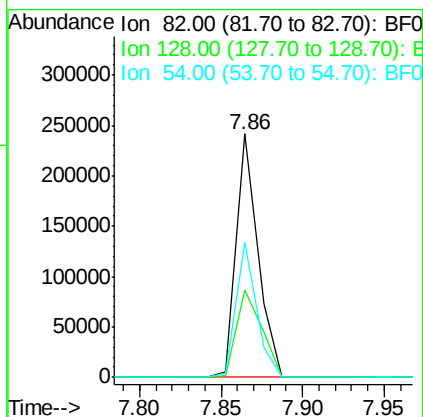
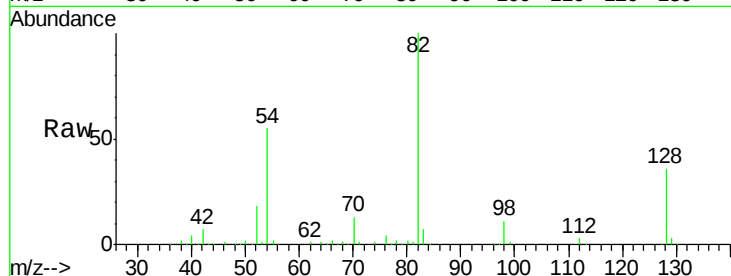




#23  
 Nitrobenzene-d5  
 Concen: 89.68 ng  
 RT: 7.86 min Scan# 418  
 Delta R.T. -0.01 min  
 Lab File: BF080143.D  
 Acq: 24 Jun 2015 20:50

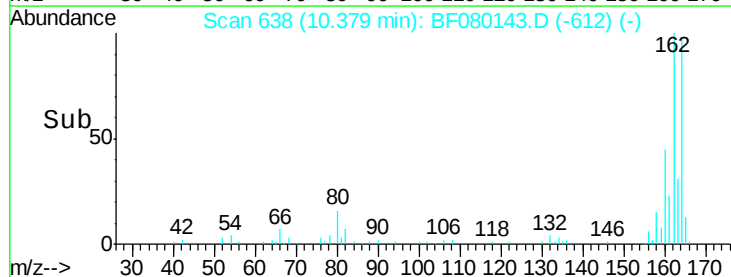
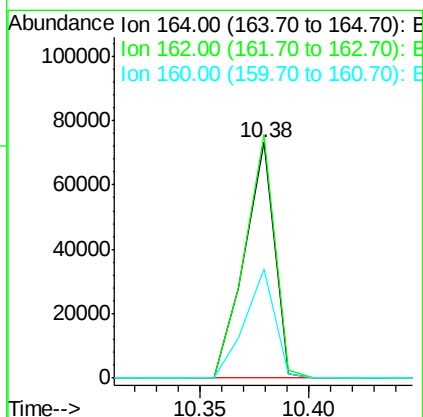
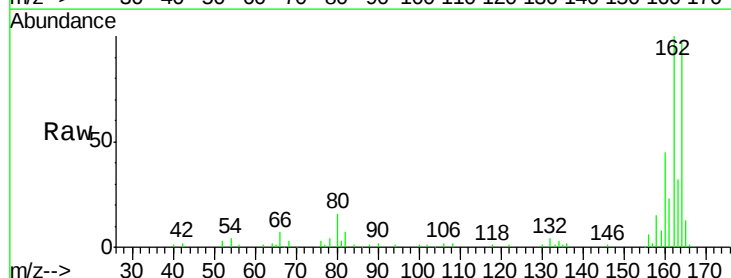
Instrument :  
 BNA\_F  
 ClientSampleId :  
 SS-8

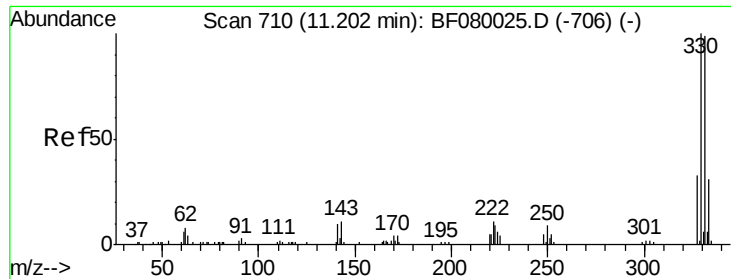
Tgt Ion: 82 Resp: 219726  
 Ion Ratio Lower Upper  
 82 100  
 128 35.7 51.0 76.6#  
 54 55.3 47.5 71.3



#38  
 Acenaphthene-d10  
 Concen: 20.00 ng  
 RT: 10.38 min Scan# 638  
 Delta R.T. 0.00 min  
 Lab File: BF080143.D  
 Acq: 24 Jun 2015 20:50

Tgt Ion: 164 Resp: 70330  
 Ion Ratio Lower Upper  
 164 100  
 162 103.4 75.2 112.8  
 160 46.3 31.5 47.3

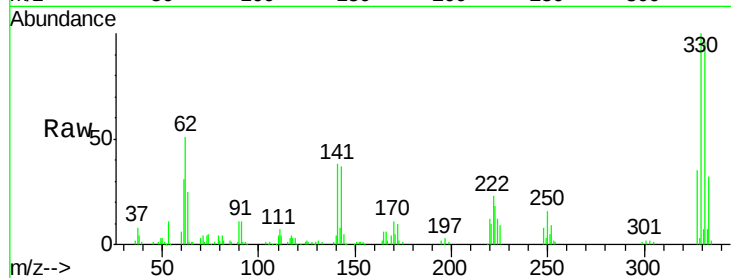




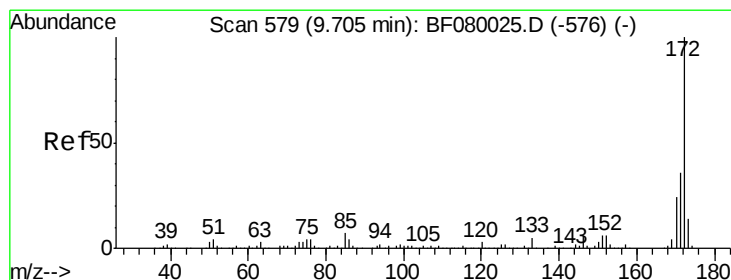
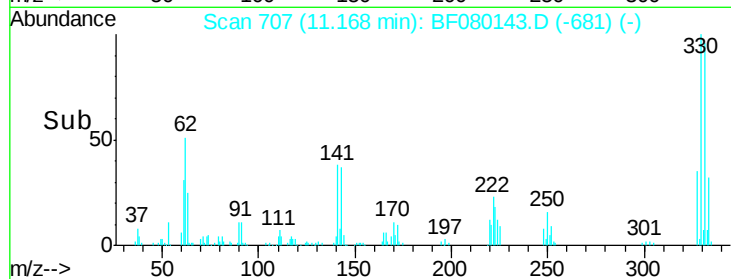
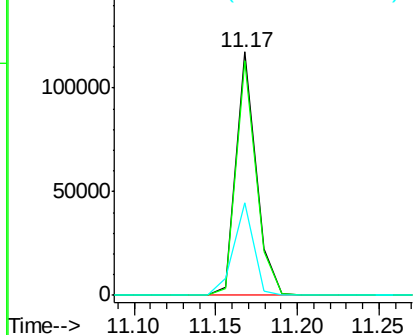
#41  
 2,4,6-Tribromophenol  
 Concen: 144.39 ng  
 RT: 11.17 min Scan# 707  
 Delta R.T. 0.00 min  
 Lab File: BF080143.D  
 Acq: 24 Jun 2015 20:50

Instrument :  
 BNA\_F  
 ClientSampleId :  
 SS-8

Tgt Ion:330 Resp: 99298  
 Ion Ratio Lower Upper  
 330 100  
 332 96.0 76.6 114.8  
 141 38.1 29.7 44.5

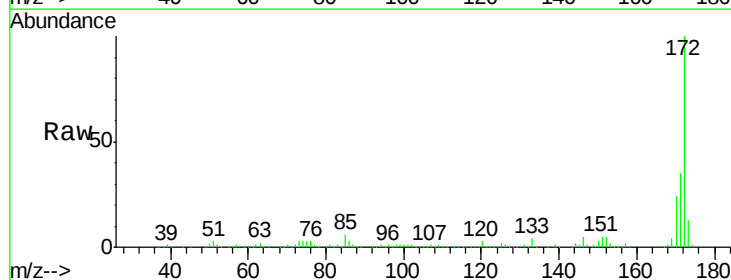


Abundance Ion 329.80 (329.50 to 330.50): E  
 Ion 331.80 (331.50 to 332.50): E  
 Ion 141.00 (140.70 to 141.70): E

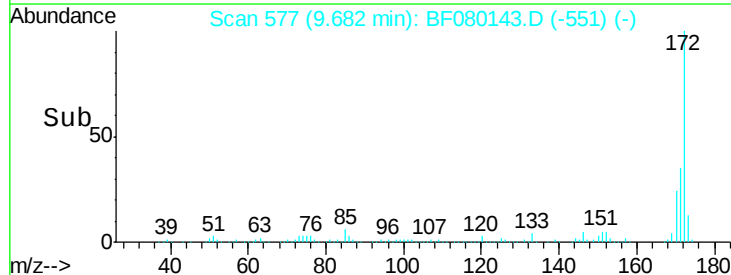
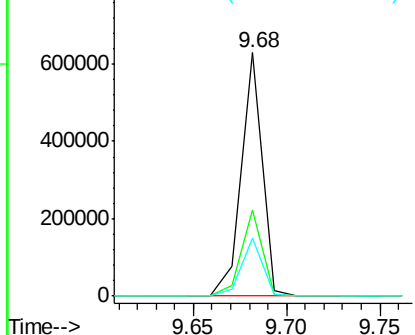


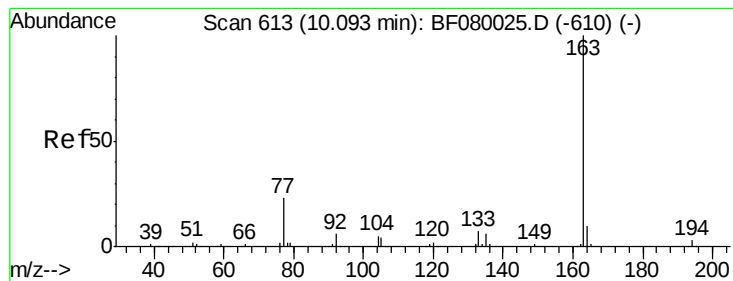
#44  
 2-Fluorobiphenyl  
 Concen: 100.24 ng  
 RT: 9.68 min Scan# 577  
 Delta R.T. 0.00 min  
 Lab File: BF080143.D  
 Acq: 24 Jun 2015 20:50

Tgt Ion:172 Resp: 494360  
 Ion Ratio Lower Upper  
 172 100  
 171 35.5 26.1 39.1  
 170 24.0 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: 11.79 ng

RT: 10.07 min Scan# 611

Delta R.T. 0.00 min

Lab File: BF080143.D

Acq: 24 Jun 2015 20:50

Instrument :

BNA\_F

ClientSampleId :

SS-8

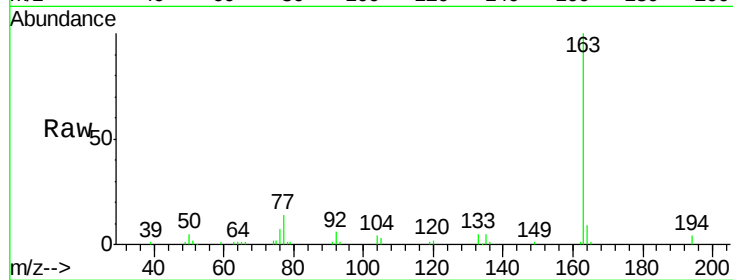
Tgt Ion:163 Resp: 62342

Ion Ratio Lower Upper

163 100

194 3.7 4.4 6.6#

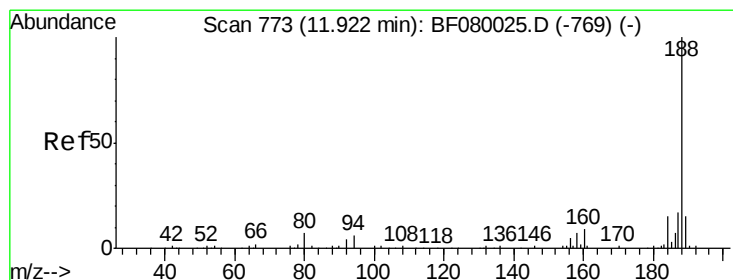
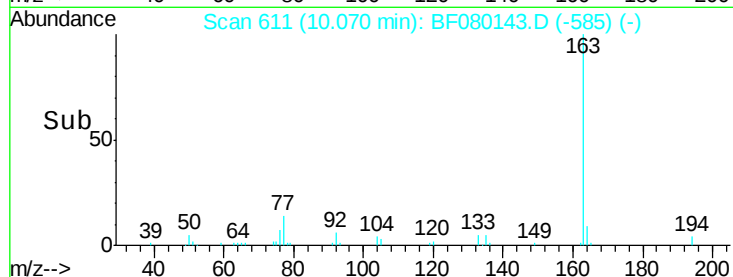
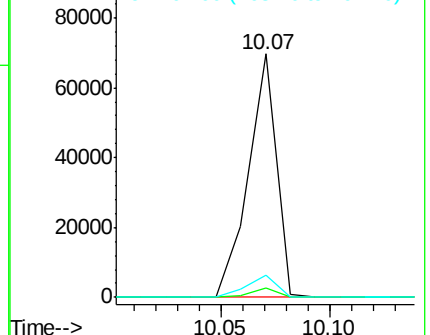
164 9.1 8.3 12.5



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: 11.88 min Scan# 769

Delta R.T. -0.01 min

Lab File: BF080143.D

Acq: 24 Jun 2015 20:50

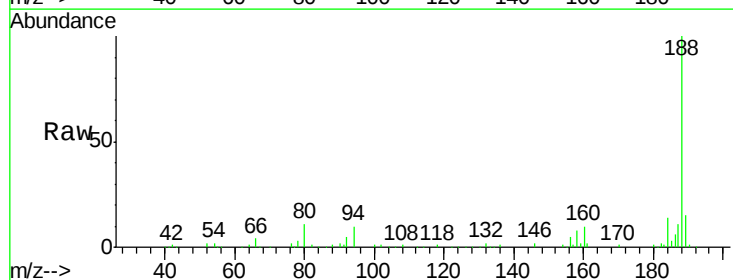
Tgt Ion:188 Resp: 147378

Ion Ratio Lower Upper

188 100

94 9.5 11.1 16.7#

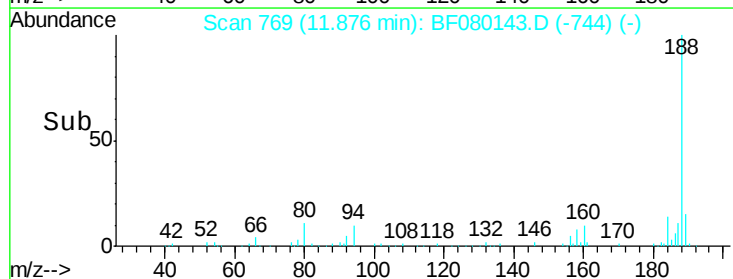
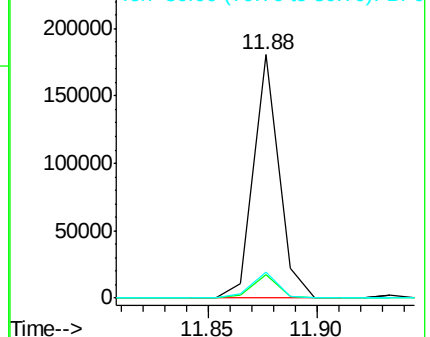
80 10.6 11.0 16.4#

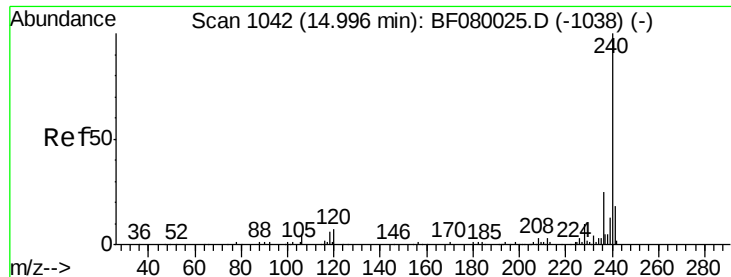


Abundance Ion 188.00 (187.70 to 188.70): E

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: 14.78 min Scan# 1023

Delta R.T. -0.15 min

Lab File: BF080143.D

Acq: 24 Jun 2015 20:50

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SS-8

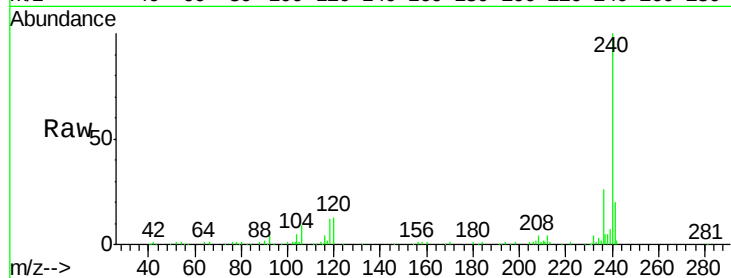
Tgt Ion:240 Resp: 150303

Ion Ratio Lower Upper

240 100

120 13.0 16.2 24.2#

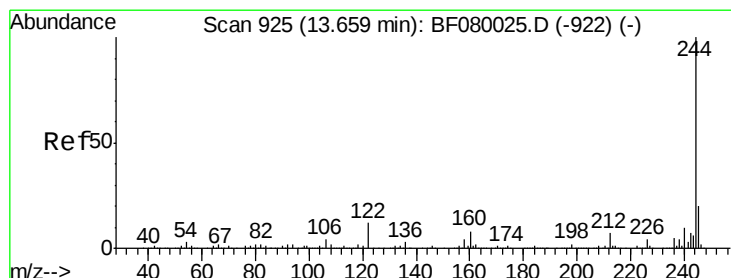
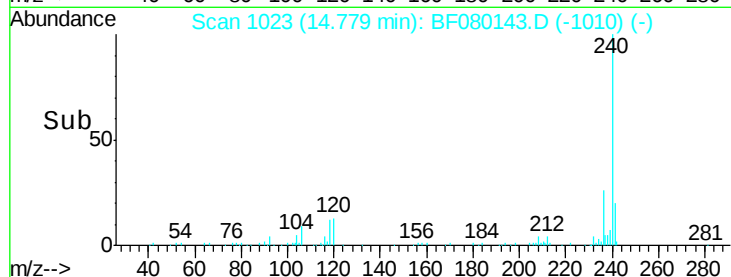
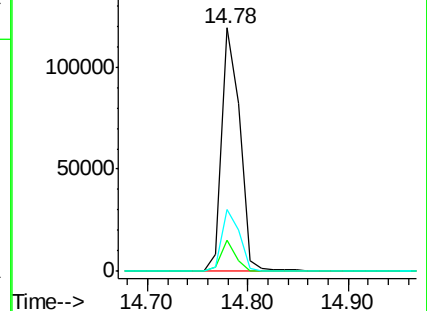
236 25.6 18.4 27.6



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: 89.46 ng

RT: 13.55 min Scan# 915

Delta R.T. -0.07 min

Lab File: BF080143.D

Acq: 24 Jun 2015 20:50

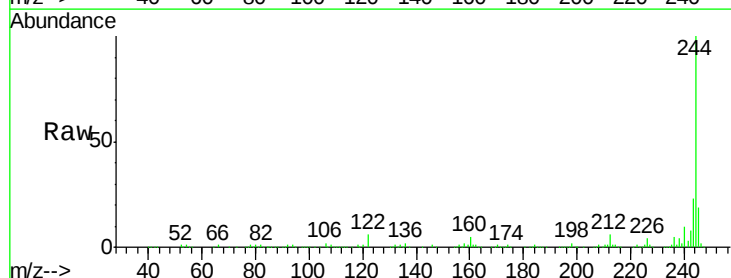
Tgt Ion:244 Resp: 575726

Ion Ratio Lower Upper

244 100

212 5.8 4.3 6.5

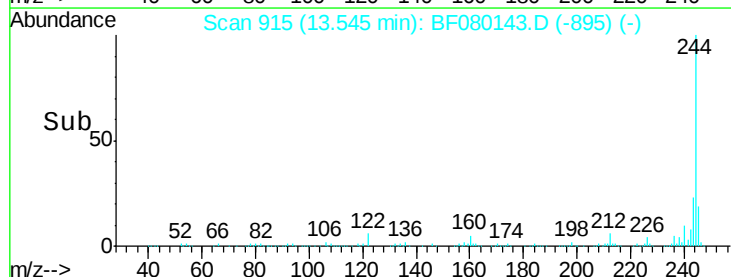
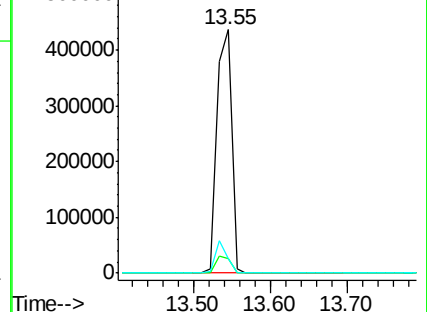
122 5.9 17.4 26.2#

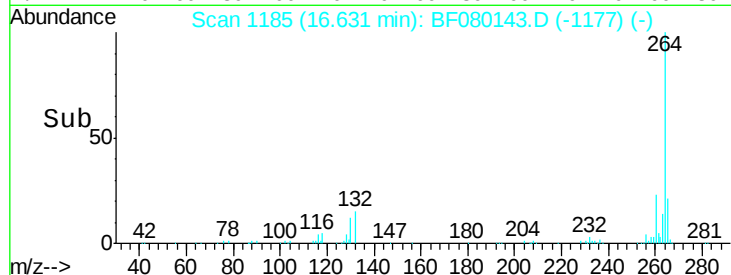
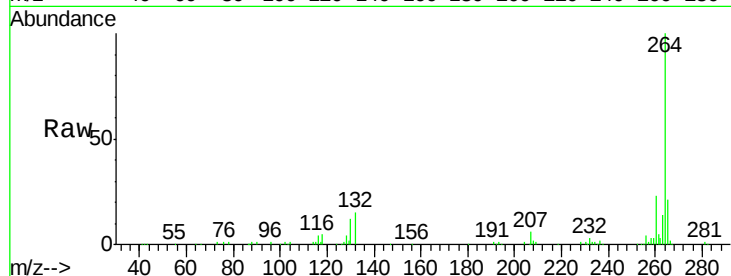
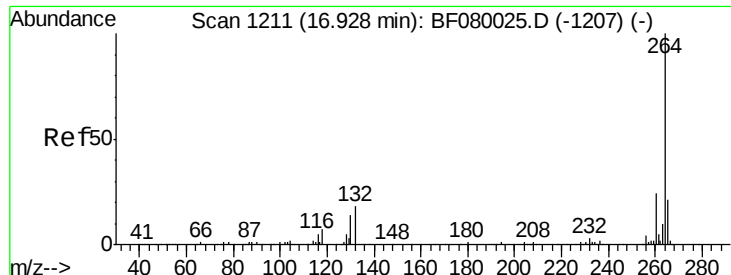


Abundance Ion 244.00 (243.70 to 244.70): E

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: 16.63 min Scan# 1185  
Delta R.T. -0.21 min  
Lab File: BF080143.D  
Acq: 24 Jun 2015 20:50

Instrument :  
BNA\_F  
ClientSampleId :  
SS-8

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 264   | Resp: | 149944 |
| Ion      | Ratio | Lower | Upper  |
| 264      | 100   |       |        |
| 260      | 22.7  | 16.7  | 25.1   |
| 265      | 20.9  | 17.2  | 25.8   |

