

Data Path : Z:\HPCHEM1\BNA\_F\DATA\BF062915\  
 Data File : BF080216.D  
 Acq On : 29 Jun 2015 20:01  
 Operator : TP/IZ  
 Sample : G2829-03  
 Misc :  
 ALS Vial : 14 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :  
 MW-3

Quant Time: Jun 30 04:07:04 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

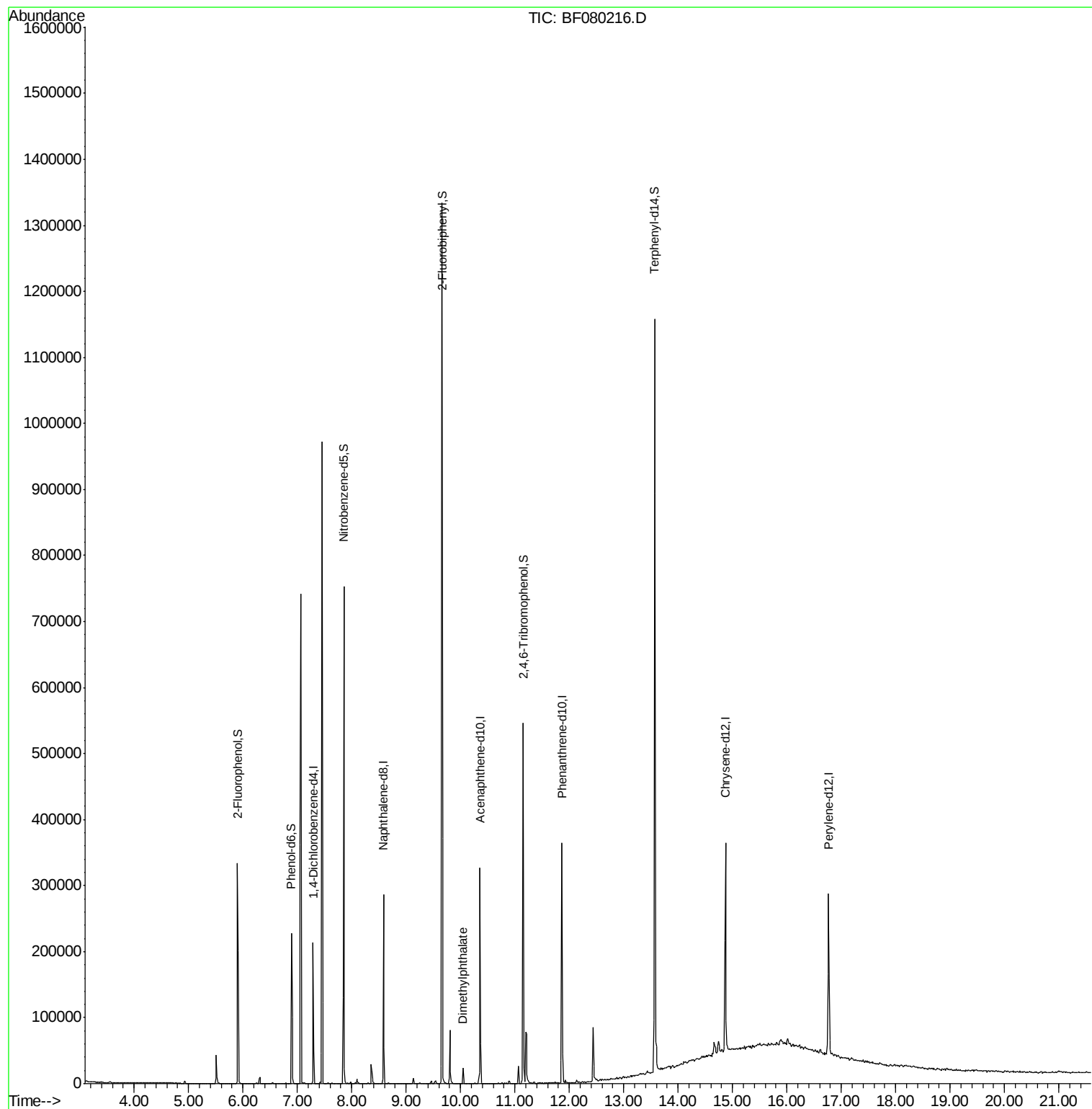
| Internal Standards          | R.T.  | QIon | Response | Conc   | Units | Dev(Min)       |
|-----------------------------|-------|------|----------|--------|-------|----------------|
| 1) 1,4-Dichlorobenzene-d4   | 7.29  | 152  | 30743    | 20.00  | ng    | -0.03          |
| 21) Naphthalene-d8          | 8.58  | 136  | 120599   | 20.00  | ng    | -0.03          |
| 38) Acenaphthene-d10        | 10.36 | 164  | 62248    | 20.00  | ng    | -0.03          |
| 63) Phenanthrene-d10        | 11.86 | 188  | 127532   | 20.00  | ng    | -0.05          |
| 75) Chrysene-d12            | 14.87 | 240  | 140758   | 20.00  | ng    | -0.13          |
| 86) Perylene-d12            | 16.77 | 264  | 134880   | 20.00  | ng    | -0.16          |
| System Monitoring Compounds |       |      |          |        |       |                |
| 5) 2-Fluorophenol           | 5.90  | 112  | 110774   | 63.78  | ng    | -0.03          |
| 7) Phenol-d6                | 6.89  | 99   | 85592    | 37.04  | ng    | -0.03          |
| 23) Nitrobenzene-d5         | 7.85  | 82   | 218227   | 105.34 | ng    | -0.02          |
| 41) 2,4,6-Tribromophenol    | 11.16 | 330  | 93617    | 153.80 | ng    | -0.02          |
| 44) 2-Fluorobiphenyl        | 9.66  | 172  | 416697   | 95.46  | ng    | -0.03          |
| 78) Terphenyl-d14           | 13.57 | 244  | 514814   | 85.42  | ng    | -0.10          |
| Target Compounds            |       |      |          |        |       |                |
| 49) Dimethylphthalate       | 10.05 | 163  | 10920    | 2.33   | ng    | Qvalue<br># 98 |

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

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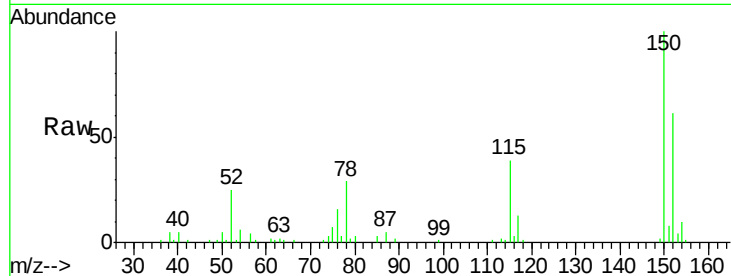




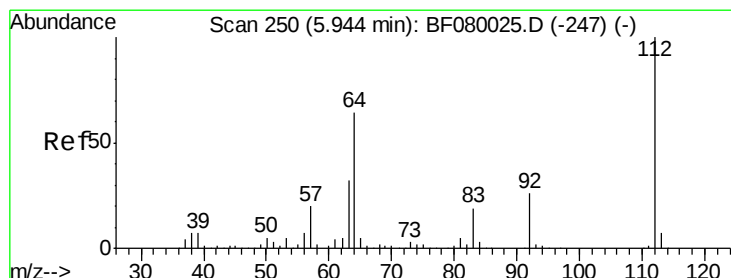
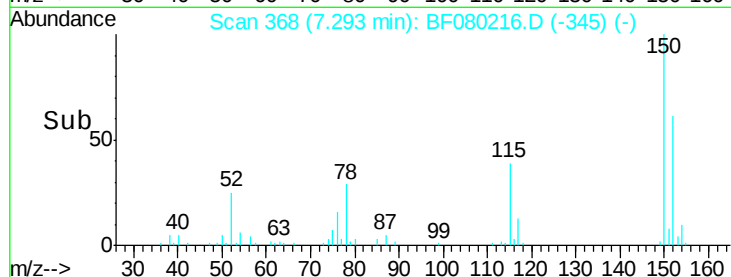
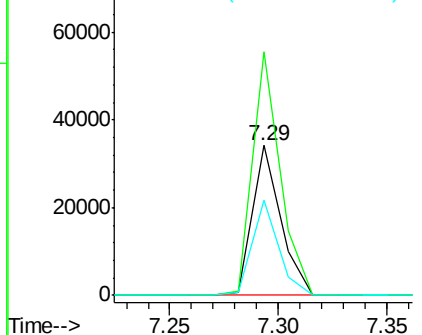
#1  
 1,4-Dichlorobenzene-d4  
 Concen: 20.00 ng  
 RT: 7.29 min Scan# 368  
 Delta R.T. -0.03 min  
 Lab File: BF080216.D  
 Acq: 29 Jun 2015 20:01

Instrument :  
 BNA\_F  
 ClientSampleId :  
 MW-3

Tgt Ion:152 Resp: 30743  
 Ion Ratio Lower Upper  
 152 100  
 150 162.7 124.7 187.1  
 115 63.9 39.0 58.4#

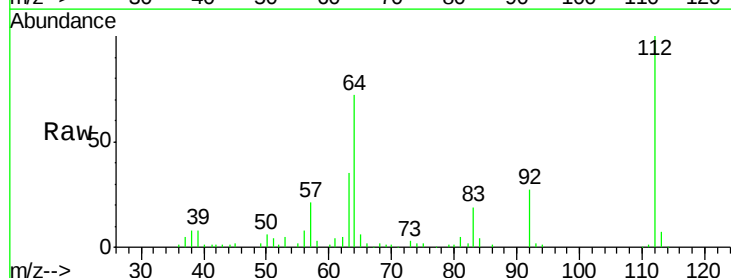


Abundance Ion 152.00 (151.70 to 152.70): E  
 Ion 150.00 (149.70 to 150.70): E  
 Ion 115.00 (114.70 to 115.70): E

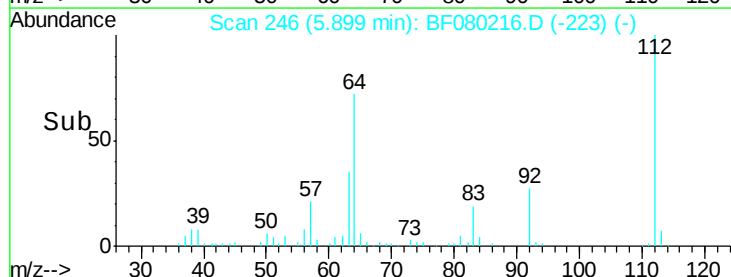
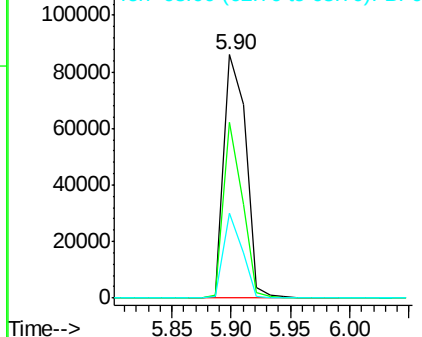


#5  
 2-Fluorophenol  
 Concen: 63.78 ng  
 RT: 5.90 min Scan# 246  
 Delta R.T. -0.03 min  
 Lab File: BF080216.D  
 Acq: 29 Jun 2015 20:01

Tgt Ion:112 Resp: 110774  
 Ion Ratio Lower Upper  
 112 100  
 64 72.1 39.7 59.5#  
 63 34.7 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: 37.04 ng

RT: 6.89 min Scan# 333

Delta R.T. -0.03 min

Lab File: BF080216.D

Acq: 29 Jun 2015 20:01

Instrument :

BNA\_F

ClientSampled :

MW-3

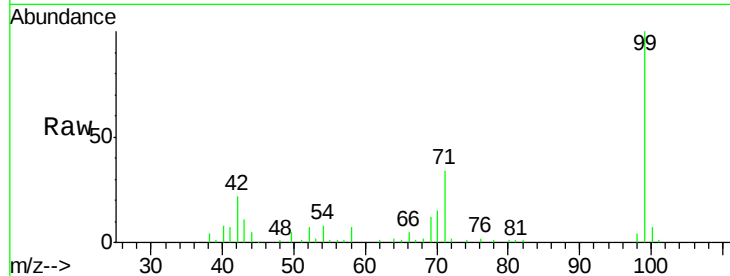
Tgt Ion: 99 Resp: 85592

Ion Ratio Lower Upper

99 100

42 21.6 13.7 20.5#

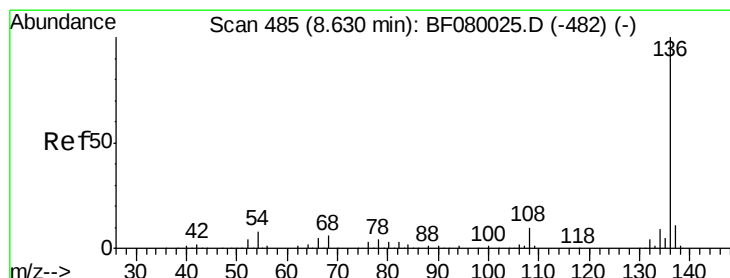
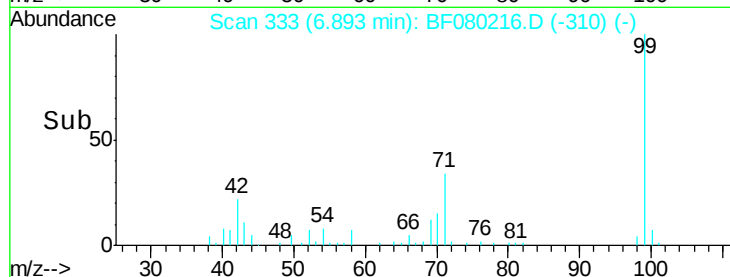
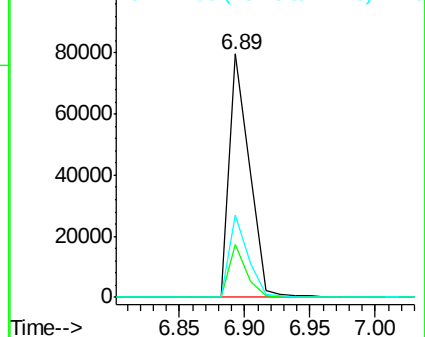
71 33.8 14.2 21.2#



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: 8.58 min Scan# 481

Delta R.T. -0.03 min

Lab File: BF080216.D

Acq: 29 Jun 2015 20:01

Tgt Ion: 136 Resp: 120599

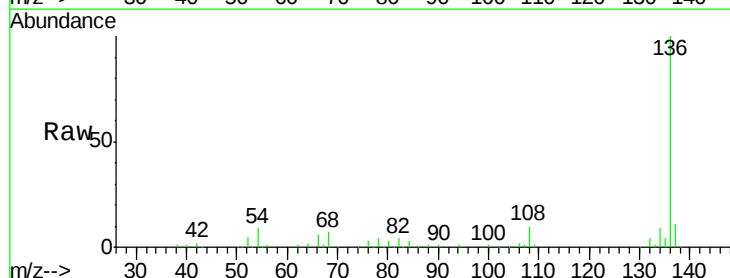
Ion Ratio Lower Upper

136 100

137 11.1 9.0 13.6

54 9.0 8.2 12.2

68 6.9 5.8 8.6

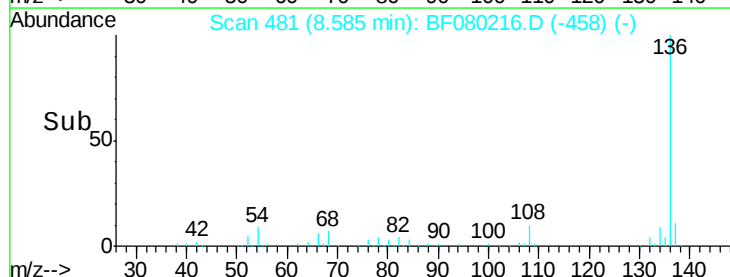
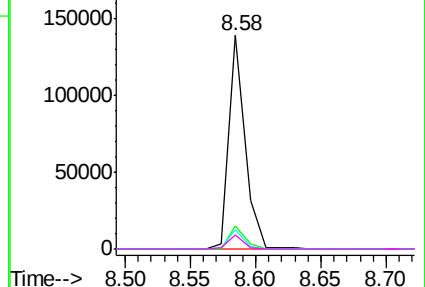


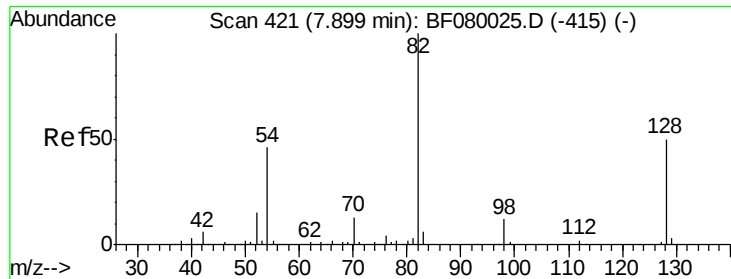
Abundance Ion 136.00 (135.70 to 136.70): E

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: 105.34 ng

RT: 7.85 min Scan# 417

Delta R.T. -0.02 min

Lab File: BF080216.D

Acq: 29 Jun 2015 20:01

Instrument :

BNA\_F

ClientSampleId :

MW-3

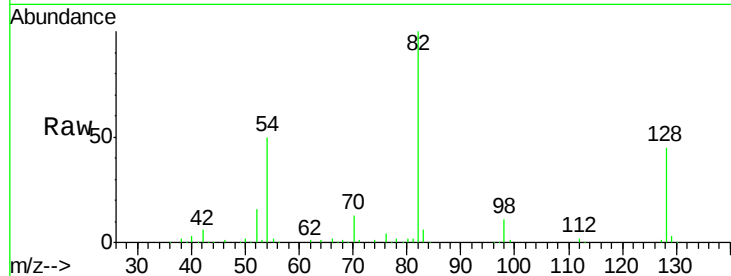
Tgt Ion: 82 Resp: 218227

Ion Ratio Lower Upper

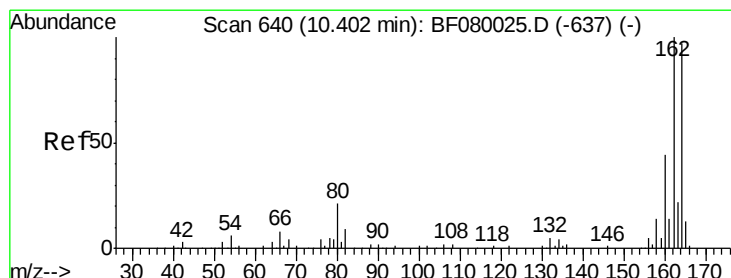
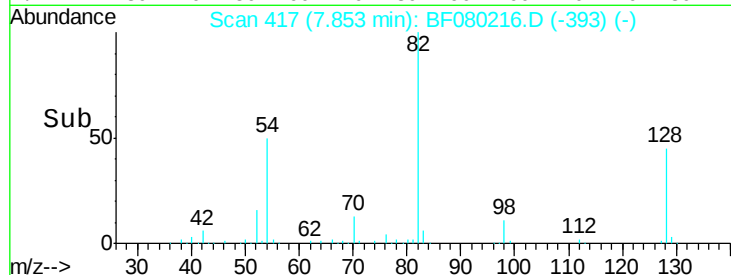
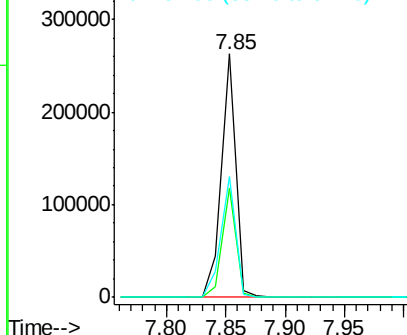
82 100

128 44.8 51.0 76.6#

54 49.8 47.5 71.3



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: 10.36 min Scan# 636

Delta R.T. -0.03 min

Lab File: BF080216.D

Acq: 29 Jun 2015 20:01

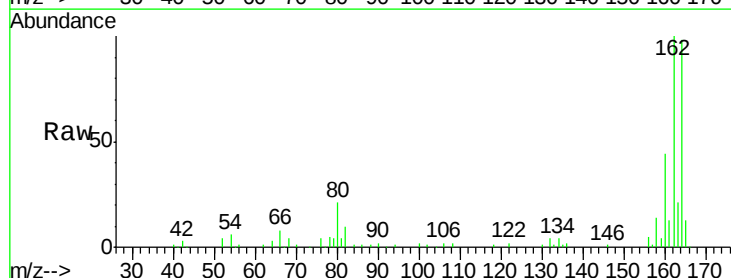
Tgt Ion:164 Resp: 62248

Ion Ratio Lower Upper

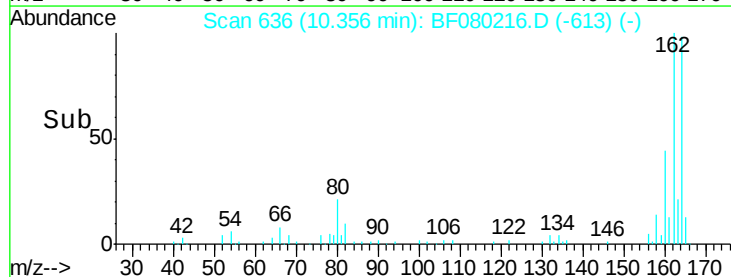
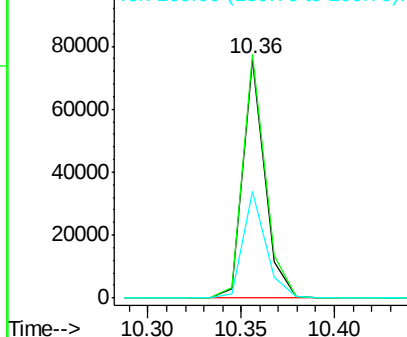
164 100

162 102.0 75.2 112.8

160 45.0 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

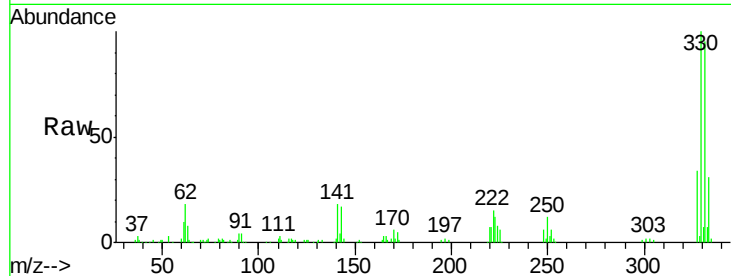




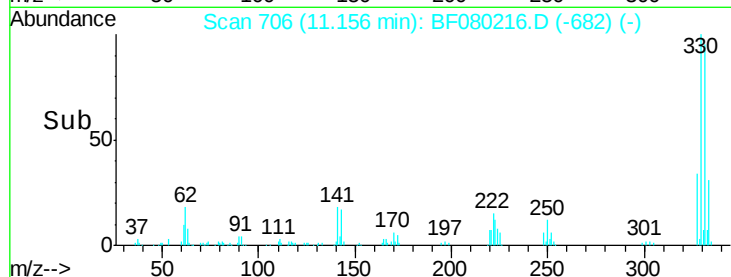
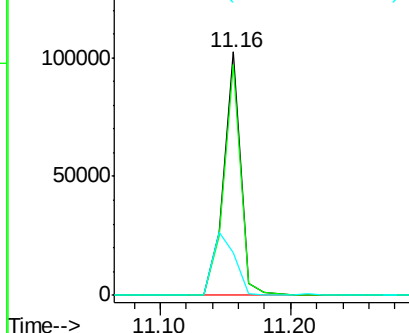
#41  
 2,4,6-Tribromophenol  
 Concen: 153.80 ng  
 RT: 11.16 min Scan# 706  
 Delta R.T. -0.02 min  
 Lab File: BF080216.D  
 Acq: 29 Jun 2015 20:01

Instrument :  
 BNA\_F  
 ClientSampled :  
 MW-3

Tgt Ion:330 Resp: 93617  
 Ion Ratio Lower Upper  
 330 100  
 332 95.0 76.6 114.8  
 141 33.7 29.7 44.5

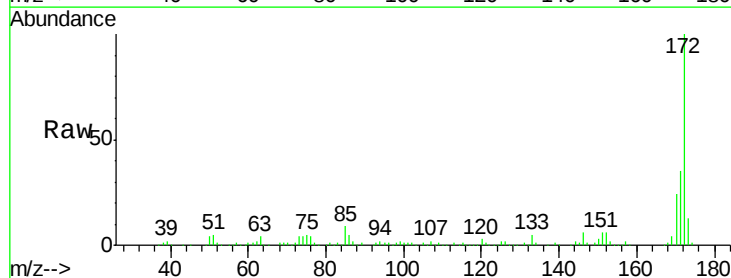


Abundance Ion 329.80 (329.50 to 330.50): E  
 Ion 331.80 (331.50 to 332.50): E  
 Ion 141.00 (140.70 to 141.70): E

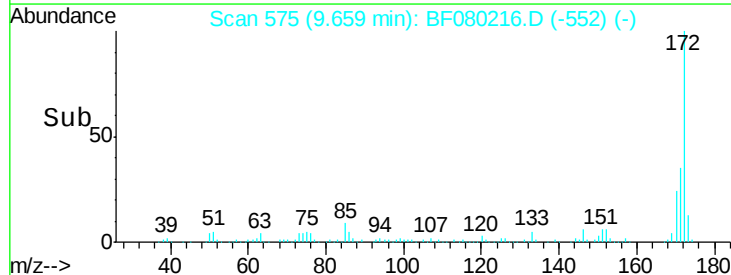
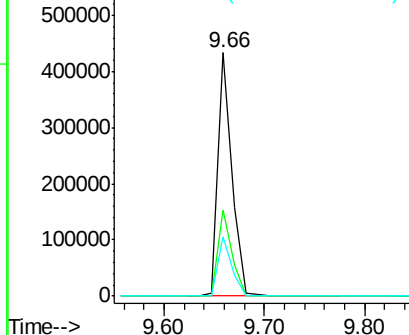


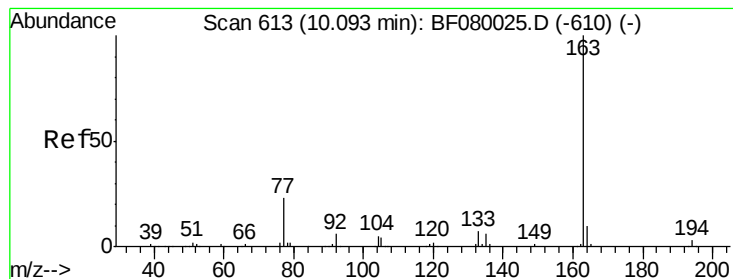
#44  
 2-Fluorobiphenyl  
 Concen: 95.46 ng  
 RT: 9.66 min Scan# 575  
 Delta R.T. -0.03 min  
 Lab File: BF080216.D  
 Acq: 29 Jun 2015 20:01

Tgt Ion:172 Resp: 416697  
 Ion Ratio Lower Upper  
 172 100  
 171 35.4 26.1 39.1  
 170 24.1 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: 2.33 ng

RT: 10.05 min Scan# 609

Delta R.T. -0.03 min

Lab File: BF080216.D

Acq: 29 Jun 2015 20:01

Instrument :

BNA\_F

ClientSampleId :

MW-3

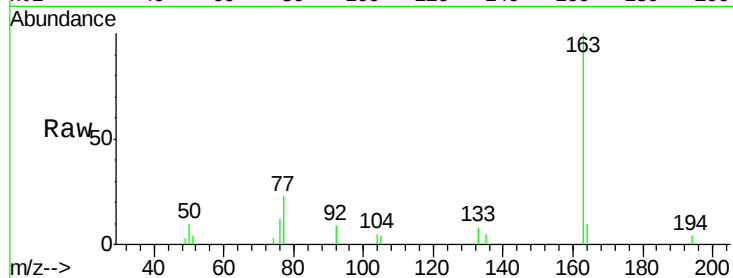
Tgt Ion:163 Resp: 10920

Ion Ratio Lower Upper

163 100

194 3.7 4.4 6.6#

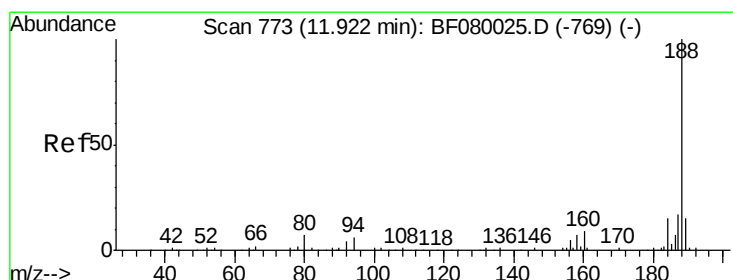
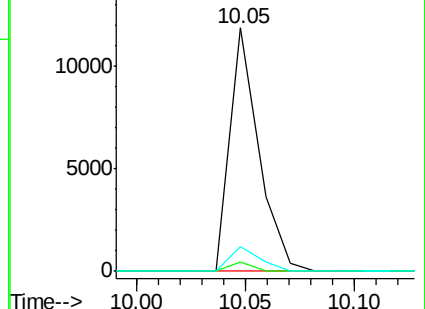
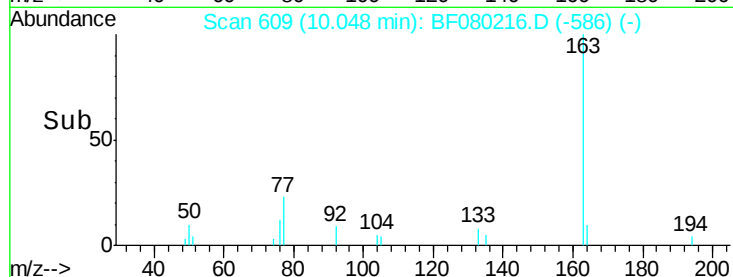
164 10.4 8.3 12.5



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: 11.86 min Scan# 768

Delta R.T. -0.05 min

Lab File: BF080216.D

Acq: 29 Jun 2015 20:01

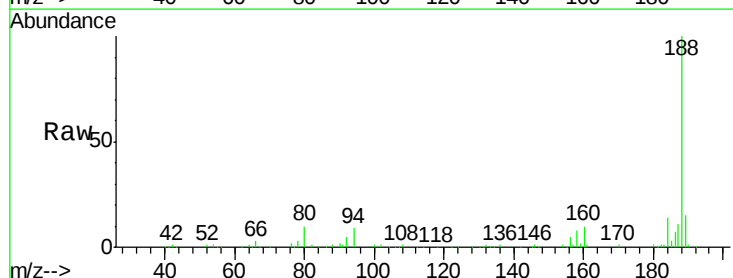
Tgt Ion:188 Resp: 127532

Ion Ratio Lower Upper

188 100

94 9.3 11.1 16.7#

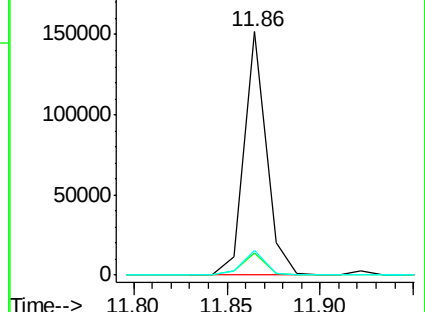
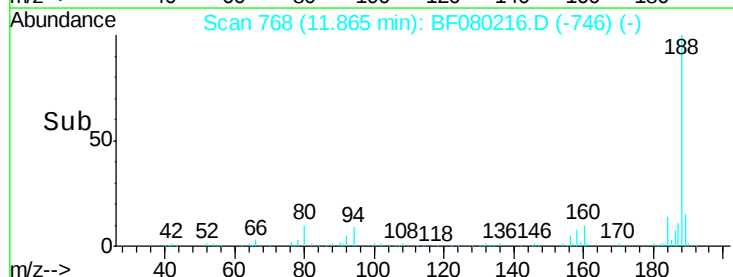
80 10.3 11.0 16.4#

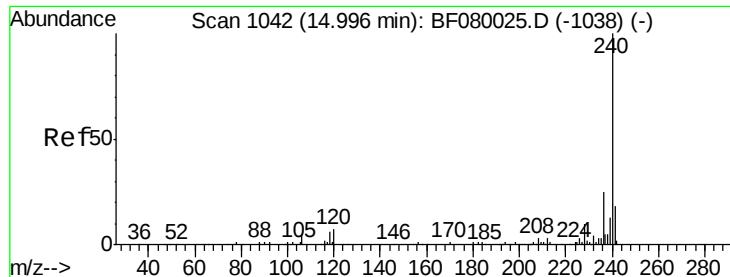


Abundance Ion 188.00 (187.70 to 188.70): E

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: 14.87 min Scan# 1031

Delta R.T. -0.13 min

Lab File: BF080216.D

Acq: 29 Jun 2015 20:01

Instrument :

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ClientSampleId :

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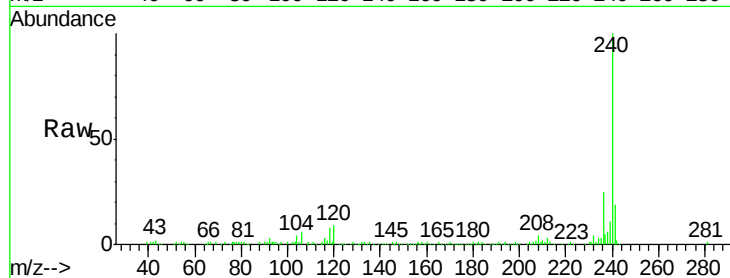
Tgt Ion:240 Resp: 140758

Ion Ratio Lower Upper

240 100

120 8.9 16.2 24.2#

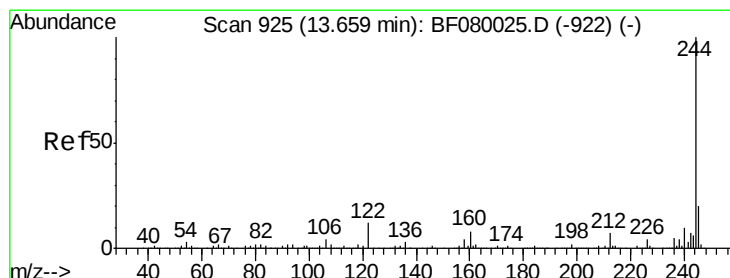
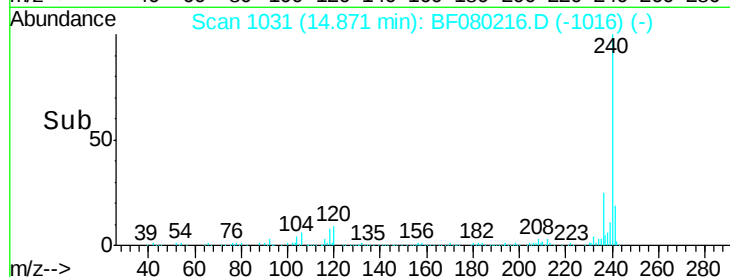
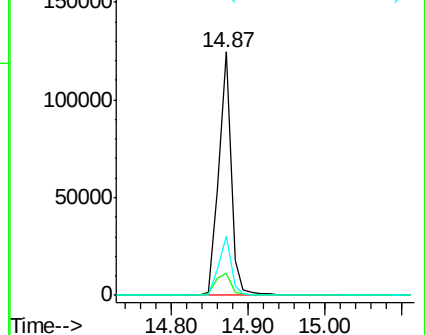
236 24.5 18.4 27.6



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: 85.42 ng

RT: 13.57 min Scan# 917

Delta R.T. -0.10 min

Lab File: BF080216.D

Acq: 29 Jun 2015 20:01

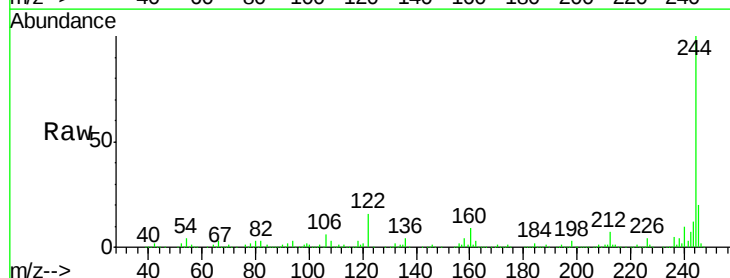
Tgt Ion:244 Resp: 514814

Ion Ratio Lower Upper

244 100

212 7.1 4.3 6.5#

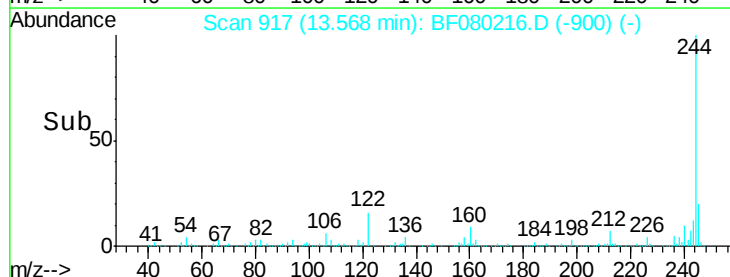
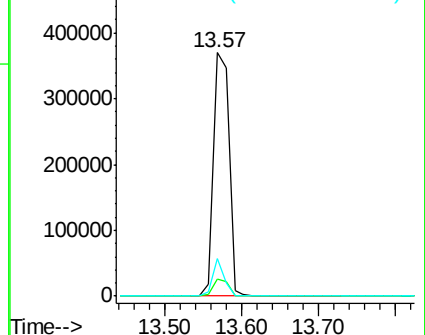
122 15.5 17.4 26.2#

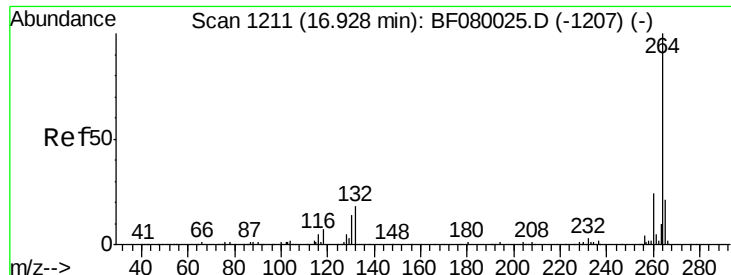


Abundance Ion 244.00 (243.70 to 244.70): E

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: 16.77 min Scan# 1197  
Delta R.T. -0.16 min  
Lab File: BF080216.D  
Acq: 29 Jun 2015 20:01

Instrument :  
BNA\_F  
ClientSampleId :  
MW-3

Tgt Ion: 264 Resp: 134880  
Ion Ratio Lower Upper  
264 100  
260 22.7 16.7 25.1  
265 20.8 17.2 25.8

