

Data Path : Z:\HPCHEM1\BNA\_F\DATA\BF062615\  
 Data File : BF080195.D  
 Acq On : 26 Jun 2015 18:00  
 Operator : TP/IZ  
 Sample : G2785-01  
 Misc :  
 ALS Vial : 11 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :  
 MW-6

Quant Time: Jun 27 00:07:01 2015  
 Quant Method : Z:\HPCHEM1\BNA\_F\METHODS\8270-BF061715.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Fri Jun 26 23:02:05 2015  
 Response via : Initial Calibration

| Internal Standards          | R.T.  | QIon | Response | Conc   | Units | Dev(Min) |
|-----------------------------|-------|------|----------|--------|-------|----------|
| 1) 1,4-Dichlorobenzene-d4   | 7.29  | 152  | 28902    | 20.00  | ng    | 0.00     |
| 21) Naphthalene-d8          | 8.58  | 136  | 114911   | 20.00  | ng    | 0.00     |
| 38) Acenaphthene-d10        | 10.36 | 164  | 59493    | 20.00  | ng    | 0.00     |
| 63) Phenanthrene-d10        | 11.85 | 188  | 116474   | 20.00  | ng    | -0.03    |
| 75) Chrysene-d12            | 14.77 | 240  | 132355   | 20.00  | ng    | -0.26    |
| 86) Perylene-d12            | 16.61 | 264  | 131063   | 20.00  | ng    | -0.41    |
| System Monitoring Compounds |       |      |          |        |       |          |
| 5) 2-Fluorophenol           | 5.90  | 112  | 92689    | 56.77  | ng    | 0.00     |
| 7) Phenol-d6                | 6.89  | 99   | 77364    | 35.61  | ng    | 0.00     |
| 23) Nitrobenzene-d5         | 7.85  | 82   | 156870   | 79.47  | ng    | 0.00     |
| 41) 2,4,6-Tribromophenol    | 11.16 | 330  | 64855    | 111.48 | ng    | 0.00     |
| 44) 2-Fluorobiphenyl        | 9.66  | 172  | 334532   | 80.19  | ng    | 0.00     |
| 78) Terphenyl-d14           | 13.52 | 244  | 434508   | 76.67  | ng    | -0.14    |

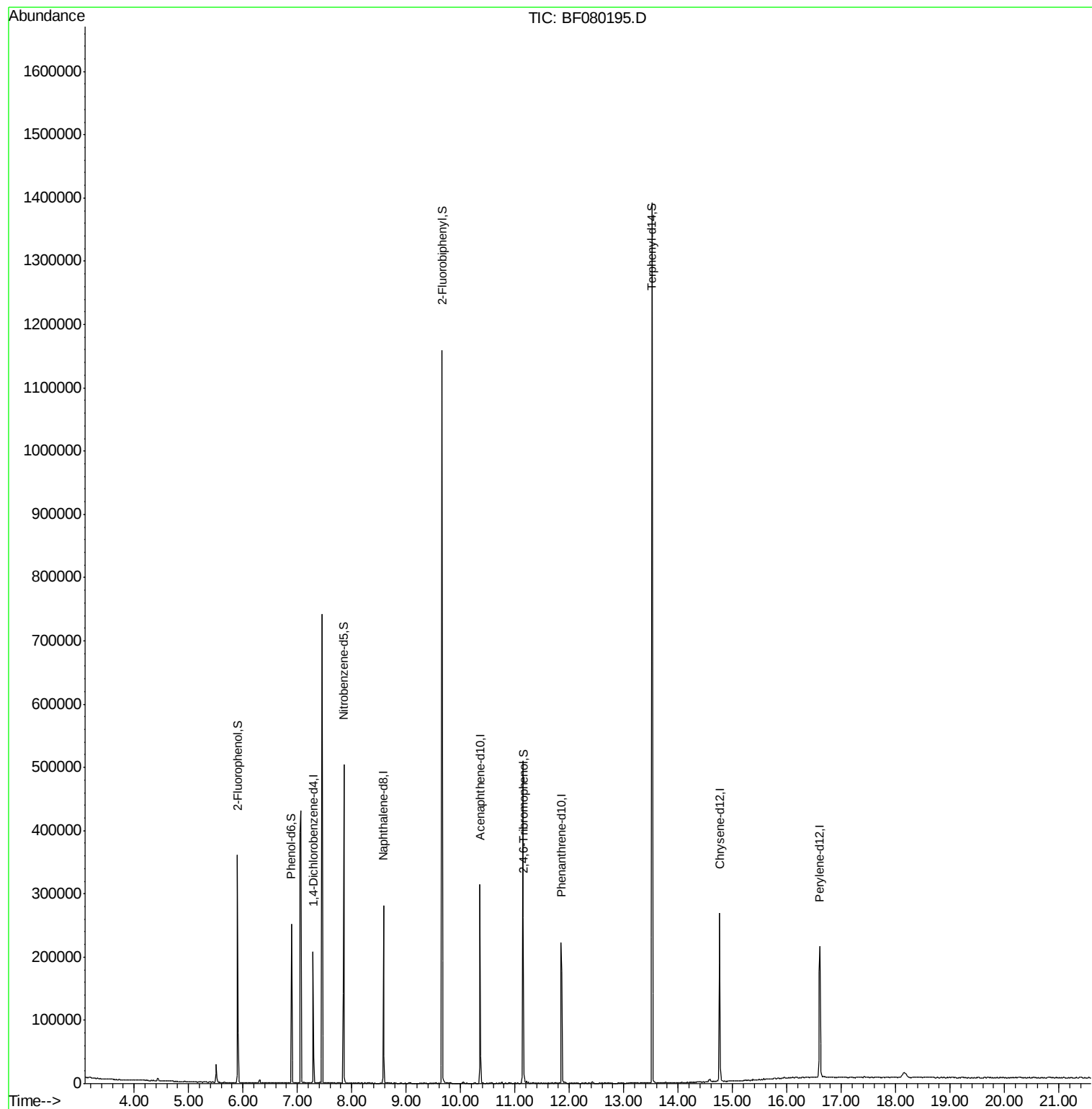
| Target Compounds | Qvalue |
|------------------|--------|
|------------------|--------|

(#) = 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. 0.00 min

Lab File: BF080195.D

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Instrument :

BNA\_F

ClientSampleId :

MW-6

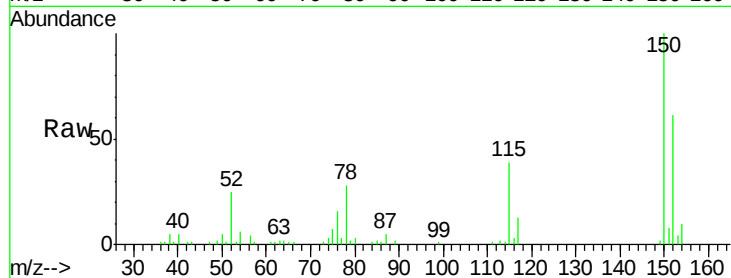
Tgt Ion:152 Resp: 28902

Ion Ratio Lower Upper

152 100

150 162.7 124.7 187.1

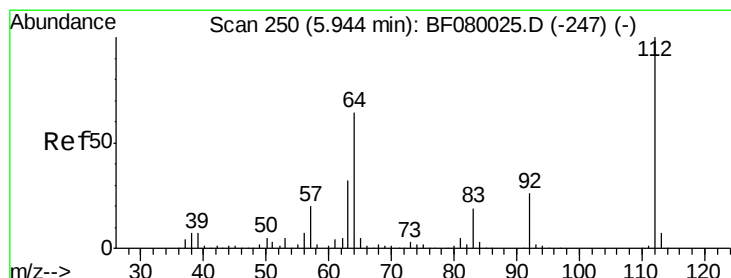
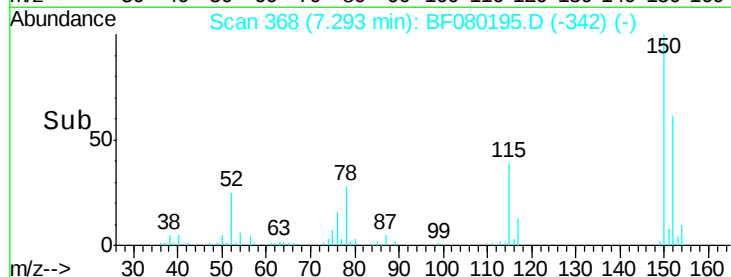
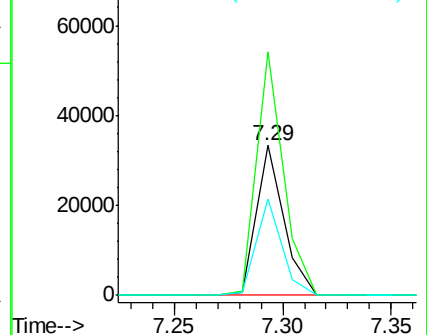
115 64.0 39.0 58.4#



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: 56.77 ng

RT: 5.90 min Scan# 246

Delta R.T. 0.00 min

Lab File: BF080195.D

Acq: 26 Jun 2015 18:00

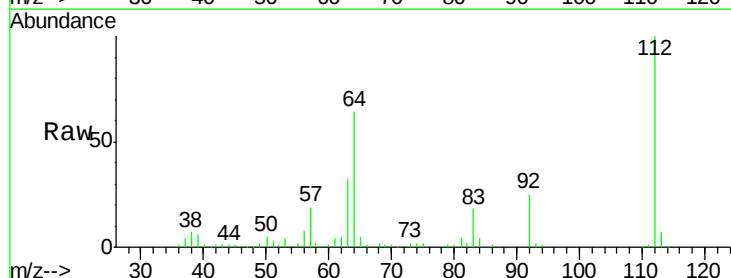
Tgt Ion:112 Resp: 92689

Ion Ratio Lower Upper

112 100

64 63.7 39.7 59.5#

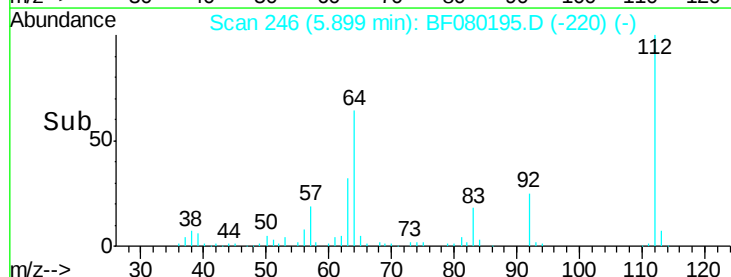
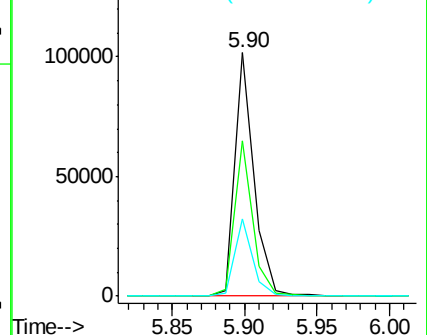
63 31.7 17.4 26.0#



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: 35.61 ng

RT: 6.89 min Scan# 333

Delta R.T. 0.00 min

Lab File: BF080195.D

Acq: 26 Jun 2015 18:00

Instrument :

BNA\_F

ClientSampleId :

MW-6

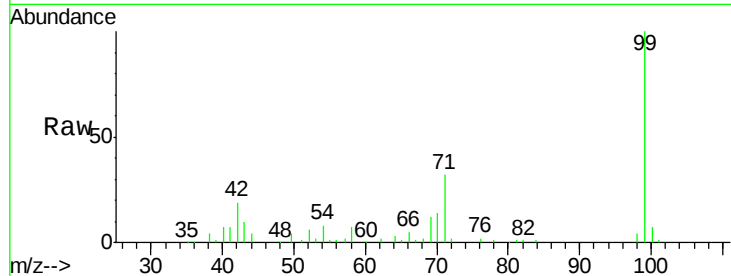
Tgt Ion: 99 Resp: 77364

Ion Ratio Lower Upper

99 100

42 18.6 13.7 20.5

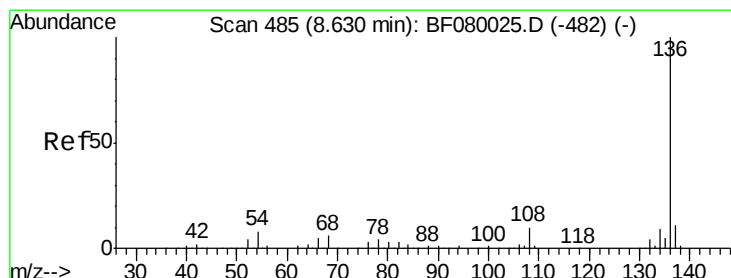
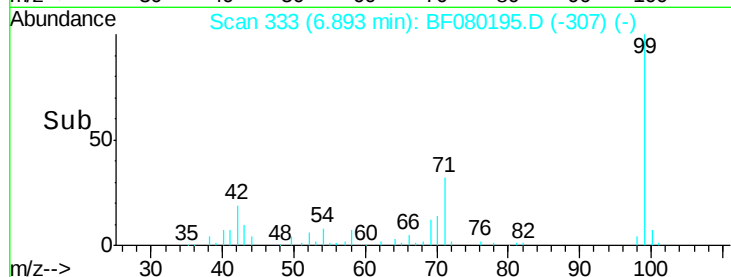
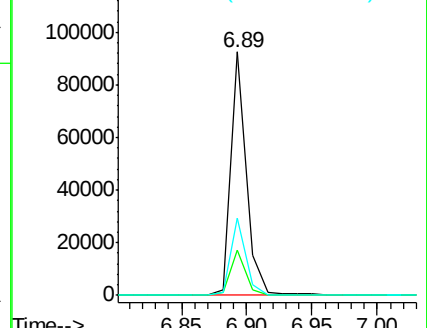
71 31.7 14.2 21.2#



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. 0.00 min

Lab File: BF080195.D

Acq: 26 Jun 2015 18:00

Tgt Ion: 136 Resp: 114911

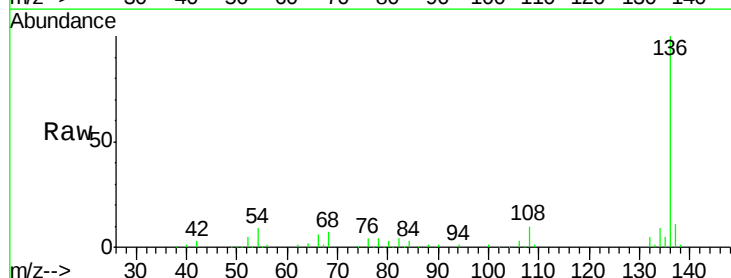
Ion Ratio Lower Upper

136 100

137 10.7 9.0 13.6

54 9.1 8.2 12.2

68 6.8 5.8 8.6

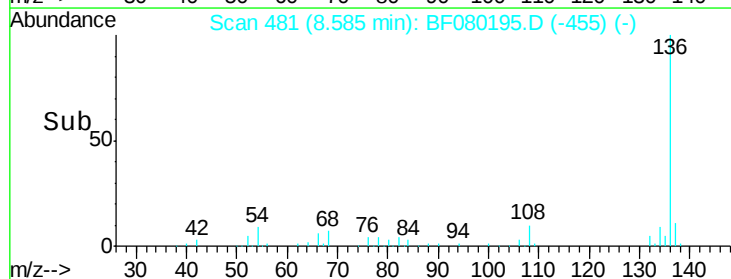
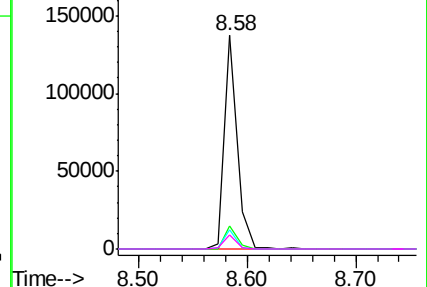


Abundance Ion 136.00 (135.70 to 136.70): E

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: 79.47 ng

RT: 7.85 min Scan# 417

Delta R.T. 0.00 min

Lab File: BF080195.D

Acq: 26 Jun 2015 18:00

Instrument :

BNA\_F

ClientSampled :

MW-6

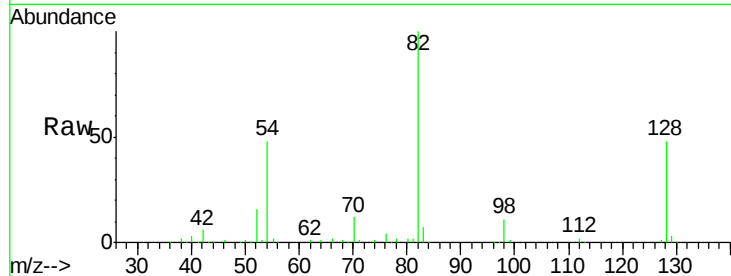
Tgt Ion: 82 Resp: 156870

Ion Ratio Lower Upper

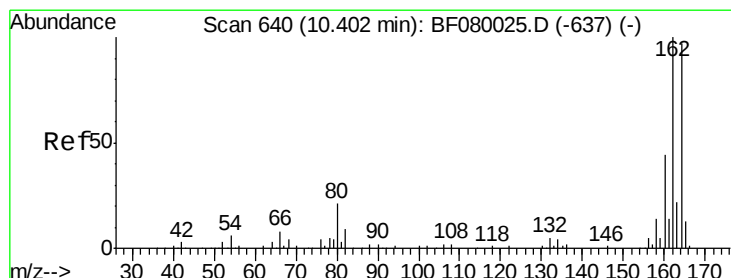
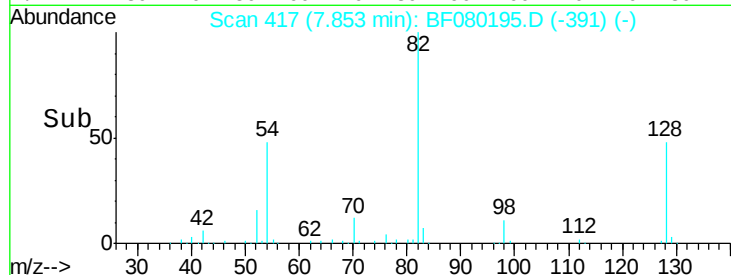
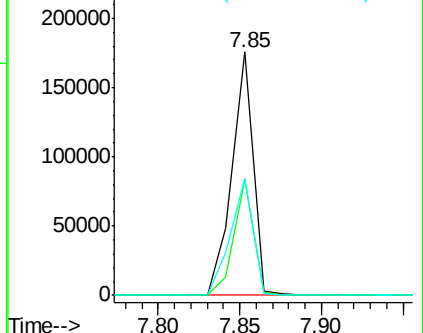
82 100

128 47.7 51.0 76.6#

54 47.9 47.5 71.3



Abundance Ion 82.00 (81.70 to 82.70): BF0  
Ion 128.00 (127.70 to 128.70): E  
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. 0.00 min

Lab File: BF080195.D

Acq: 26 Jun 2015 18:00

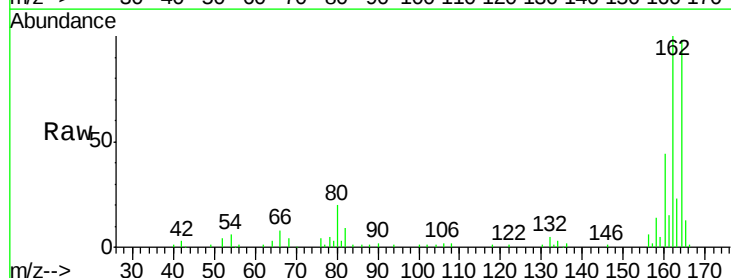
Tgt Ion: 164 Resp: 59493

Ion Ratio Lower Upper

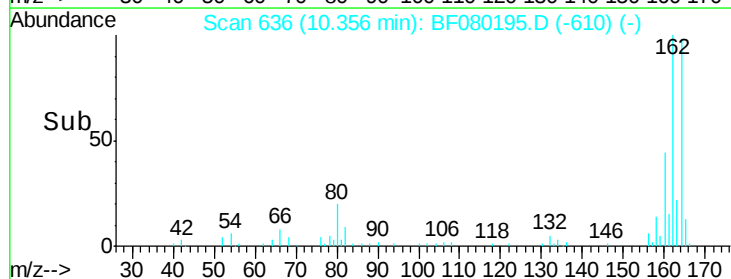
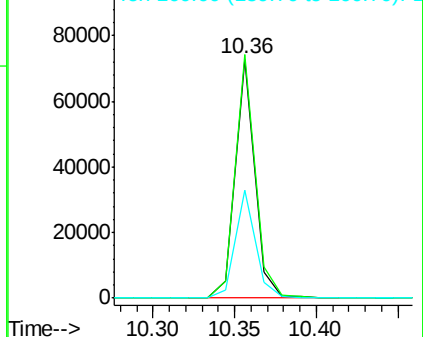
164 100

162 102.1 75.2 112.8

160 45.2 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

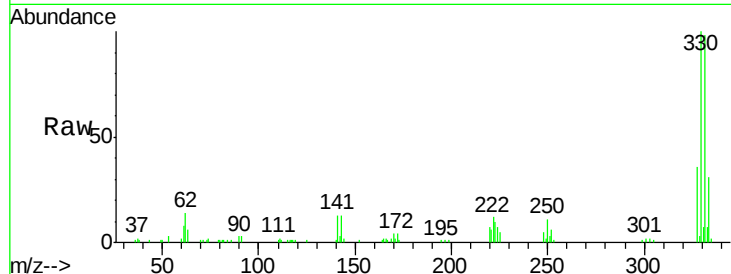




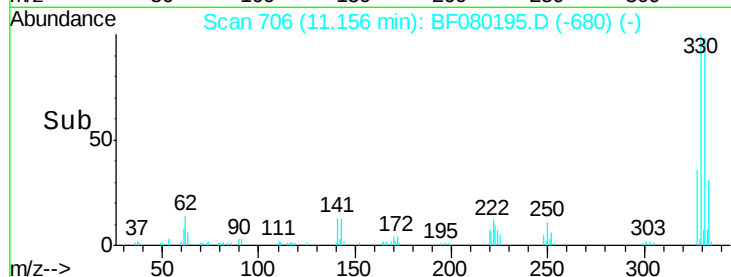
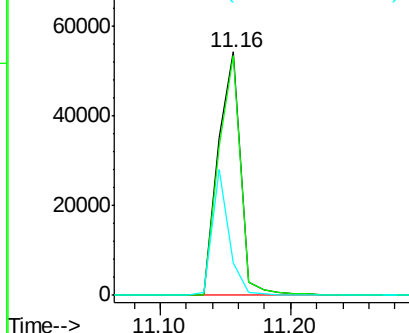
#41  
 2,4,6-Tribromophenol  
 Concen: 111.48 ng  
 RT: 11.16 min Scan# 706  
 Delta R.T. 0.00 min  
 Lab File: BF080195.D  
 Acq: 26 Jun 2015 18:00

Instrument :  
 BNA\_F  
 ClientSampleId :  
 MW-6

Tgt Ion:330 Resp: 64855  
 Ion Ratio Lower Upper  
 330 100  
 332 97.6 76.6 114.8  
 141 39.3 29.7 44.5

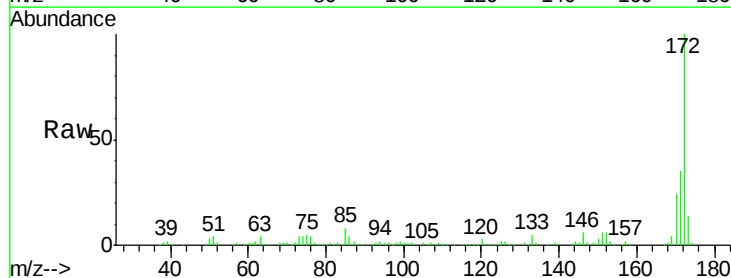


Abundance Ion 329.80 (329.50 to 330.50): E  
 Ion 331.80 (331.50 to 332.50): E  
 Ion 141.00 (140.70 to 141.70): E

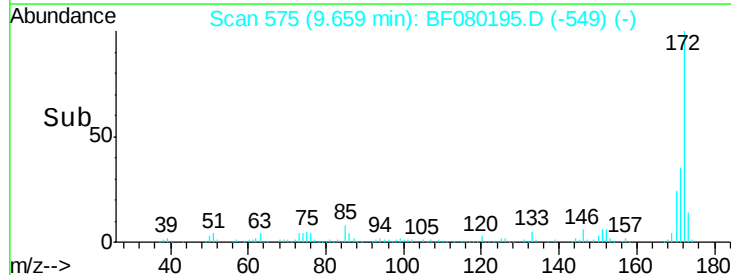
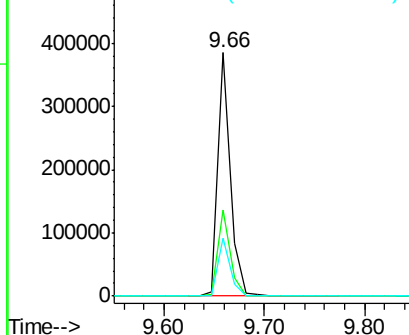


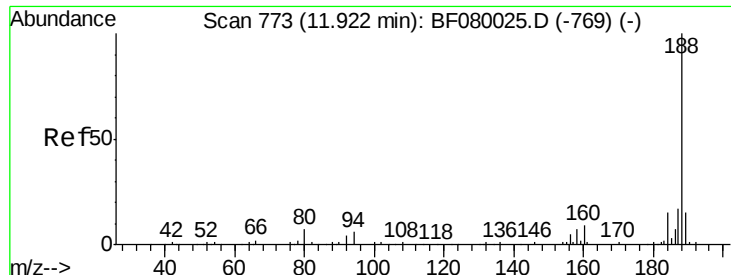
#44  
 2-Fluorobiphenyl  
 Concen: 80.19 ng  
 RT: 9.66 min Scan# 575  
 Delta R.T. 0.00 min  
 Lab File: BF080195.D  
 Acq: 26 Jun 2015 18:00

Tgt Ion:172 Resp: 334532  
 Ion Ratio Lower Upper  
 172 100  
 171 35.2 26.1 39.1  
 170 23.7 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

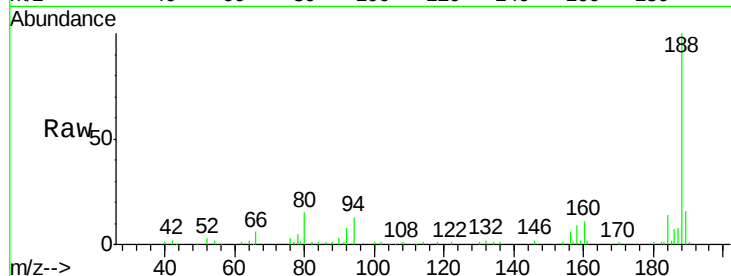




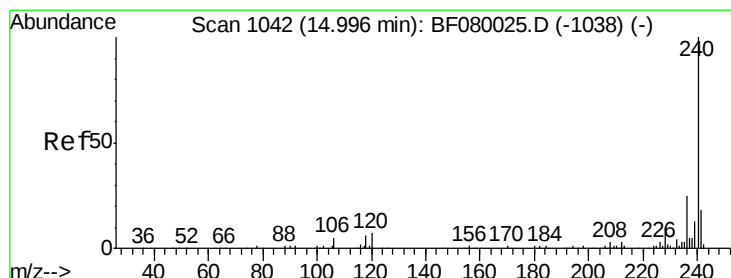
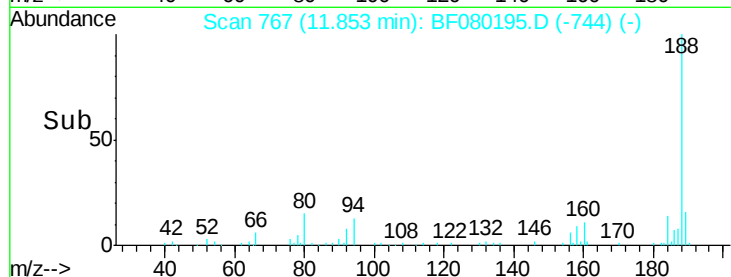
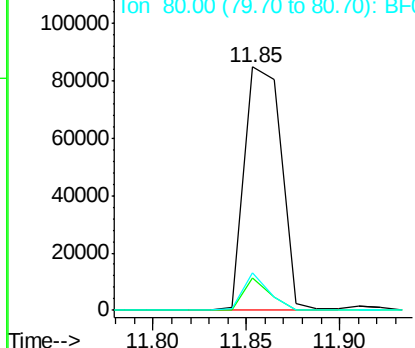
#63  
Phenanthrene-d10  
Concen: 20.00 ng  
RT: 11.85 min Scan# 767  
Delta R.T. -0.03 min  
Lab File: BF080195.D  
Acq: 26 Jun 2015 18:00

Instrument :  
BNA\_F  
ClientSampled :  
MW-6

Tgt Ion:188 Resp: 116474  
Ion Ratio Lower Upper  
188 100  
94 13.2 11.1 16.7  
80 15.2 11.0 16.4

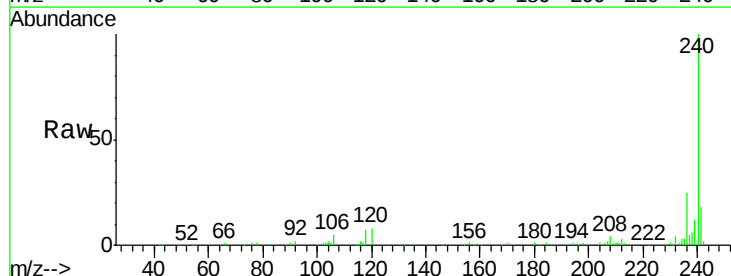


Abundance Ion 188.00 (187.70 to 188.70): E  
Ion 94.00 (93.70 to 94.70): BF0  
Ion 80.00 (79.70 to 80.70): BF0

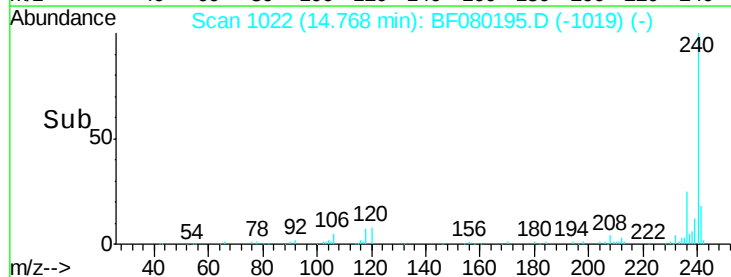
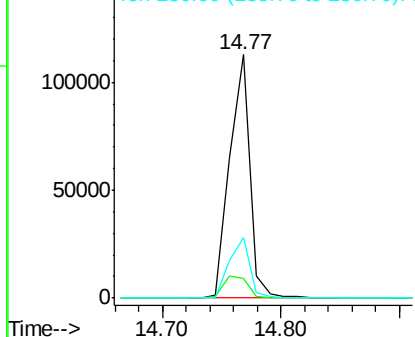


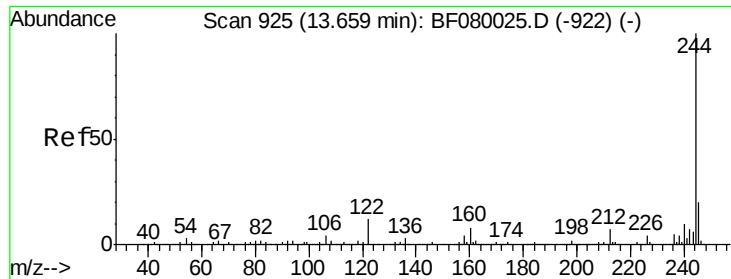
#75  
Chrysene-d12  
Concen: 20.00 ng  
RT: 14.77 min Scan# 1022  
Delta R.T. -0.26 min  
Lab File: BF080195.D  
Acq: 26 Jun 2015 18:00

Tgt Ion:240 Resp: 132355  
Ion Ratio Lower Upper  
240 100  
120 8.0 16.2 24.2#  
236 24.8 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

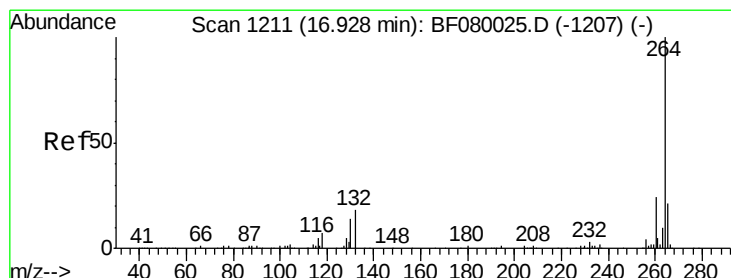
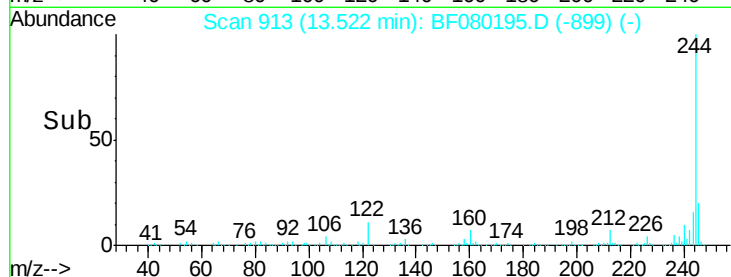
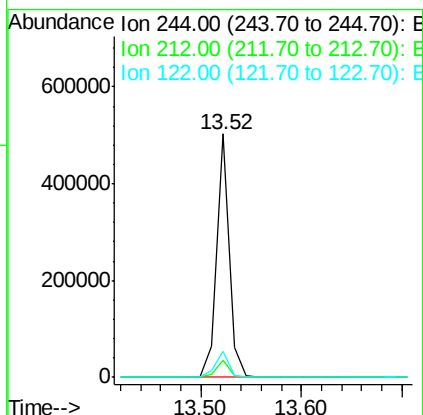
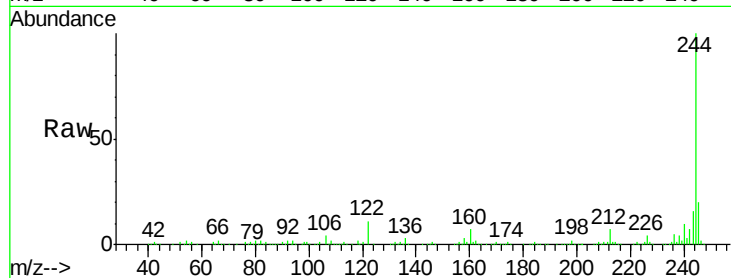




#78  
 Terphenyl-d14  
 Concen: 76.67 ng  
 RT: 13.52 min Scan# 913  
 Delta R.T. -0.14 min  
 Lab File: BF080195.D  
 Acq: 26 Jun 2015 18:00

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Tgt Ion:244 Resp: 434508  
 Ion Ratio Lower Upper  
 244 100  
 212 6.9 4.3 6.5#  
 122 10.7 17.4 26.2#



#86  
 Perylene-d12  
 Concen: 20.00 ng  
 RT: 16.61 min Scan# 1183  
 Delta R.T. -0.41 min  
 Lab File: BF080195.D  
 Acq: 26 Jun 2015 18:00

Tgt Ion:264 Resp: 131063  
 Ion Ratio Lower Upper  
 264 100  
 260 23.4 16.7 25.1  
 265 21.1 17.2 25.8

