

Data Path : Z:\HPCHEM1\BNA\_F\DATA\BF062215\  
 Data File : BF080115.D  
 Acq On : 23 Jun 2015 3:26  
 Operator : TP/IZ  
 Sample : G2715-15  
 Misc :  
 ALS Vial : 21 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :  
 76-INFIELD(0-2)-8

Quant Time: Jun 23 05:46:45 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

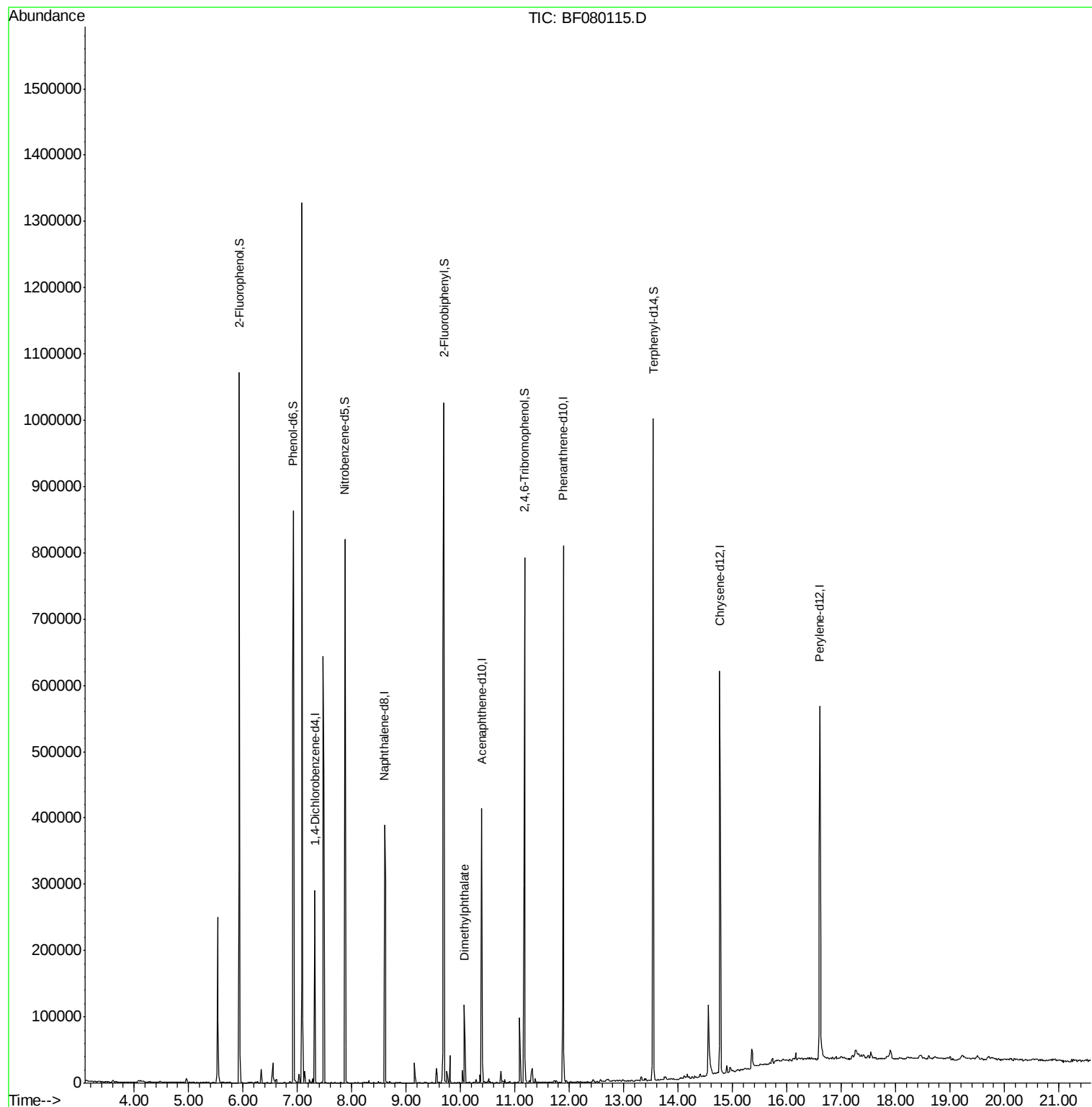
| Internal Standards          | R.T.  | QIon | Response | Conc  | Units | Dev(Min)       |
|-----------------------------|-------|------|----------|-------|-------|----------------|
| 1) 1,4-Dichlorobenzene-d4   | 7.33  | 152  | 60519    | 20.00 | ng    | 0.00           |
| 21) Naphthalene-d8          | 8.61  | 136  | 235262   | 20.00 | ng    | -0.01          |
| 38) Acenaphthene-d10        | 10.39 | 164  | 121171   | 20.00 | ng    | 0.00           |
| 63) Phenanthrene-d10        | 11.89 | 188  | 276652   | 20.00 | ng    | -0.02          |
| 75) Chrysene-d12            | 14.77 | 240  | 288414   | 20.00 | ng    | -0.23          |
| 86) Perylene-d12            | 16.61 | 264  | 288191   | 20.00 | ng    | -0.32          |
| System Monitoring Compounds |       |      |          |       |       |                |
| 5) 2-Fluorophenol           | 5.93  | 112  | 287665   | 84.14 | ng    | 0.00           |
| 7) Phenol-d6                | 6.93  | 99   | 376733   | 82.81 | ng    | 0.00           |
| 23) Nitrobenzene-d5         | 7.88  | 82   | 222632   | 55.09 | ng    | 0.00           |
| 41) 2,4,6-Tribromophenol    | 11.18 | 330  | 95177    | 80.33 | ng    | 0.00           |
| 44) 2-Fluorobiphenyl        | 9.69  | 172  | 412684   | 48.57 | ng    | 0.00           |
| 78) Terphenyl-d14           | 13.55 | 244  | 498608   | 40.38 | ng    | -0.13          |
| Target Compounds            |       |      |          |       |       |                |
| 49) Dimethylphthalate       | 10.07 | 163  | 55932    | 6.14  | ng    | Qvalue<br># 97 |

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

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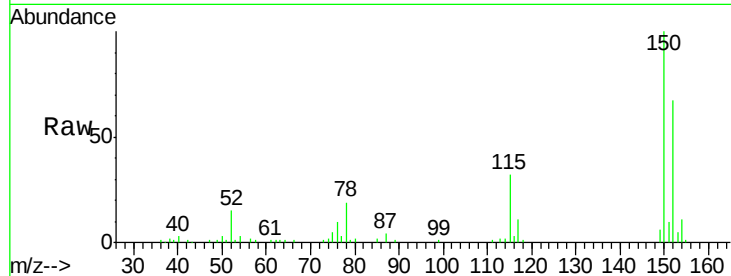




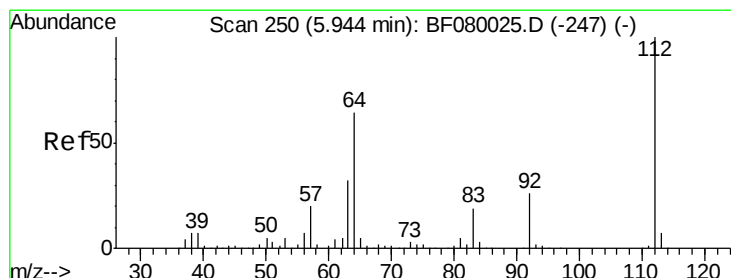
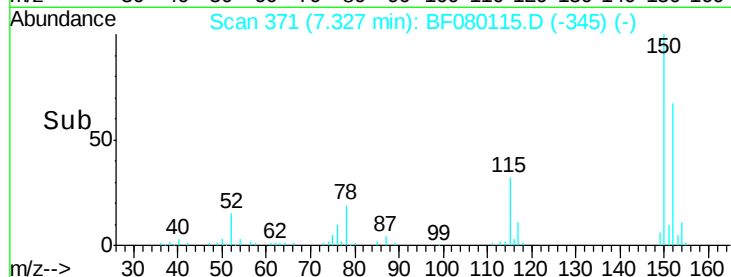
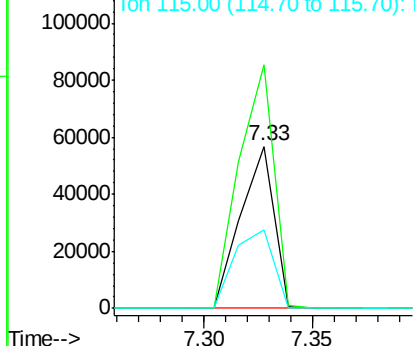
#1  
 1,4-Dichlorobenzene-d4  
 Concen: 20.00 ng  
 RT: 7.33 min Scan# 371  
 Delta R.T. 0.00 min  
 Lab File: BF080115.D  
 Acq: 23 Jun 2015 3:26

Instrument :  
 BNA\_F  
 ClientSampleId :  
 76-INFIELD(0-2)-8

Tgt Ion:152 Resp: 60519  
 Ion Ratio Lower Upper  
 152 100  
 150 150.0 124.7 187.1  
 115 48.5 39.0 58.4

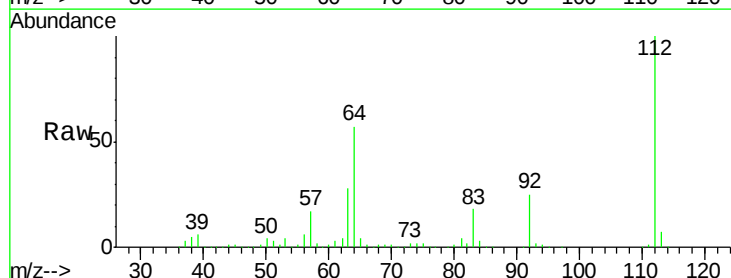


Abundance Ion 152.00 (151.70 to 152.70): E  
 Ion 150.00 (149.70 to 150.70): E  
 Ion 115.00 (114.70 to 115.70): E

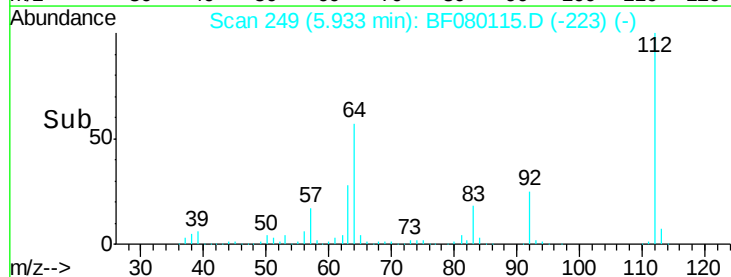
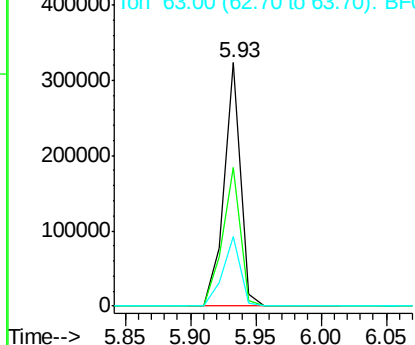


#5  
 2-Fluorophenol  
 Concen: 84.14 ng  
 RT: 5.93 min Scan# 249  
 Delta R.T. 0.00 min  
 Lab File: BF080115.D  
 Acq: 23 Jun 2015 3:26

Tgt Ion:112 Resp: 287665  
 Ion Ratio Lower Upper  
 112 100  
 64 56.8 39.7 59.5  
 63 28.3 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: 82.81 ng

RT: 6.93 min Scan# 336

Delta R.T. 0.00 min

Lab File: BF080115.D

Acq: 23 Jun 2015 3:26

Instrument :

BNA\_F

ClientSampleId :

76-INFIELD(0-2)-8

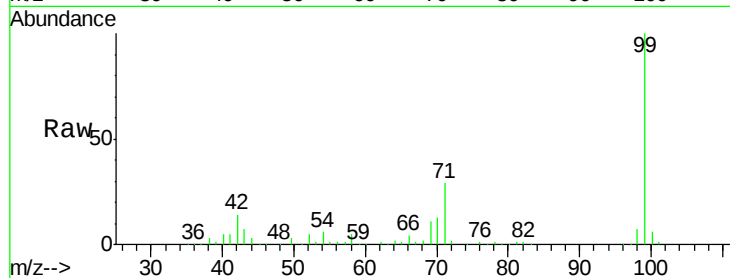
Tgt Ion: 99 Resp: 376733

Ion Ratio Lower Upper

99 100

42 14.5 13.7 20.5

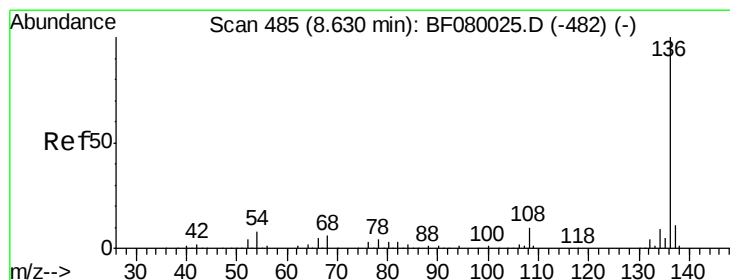
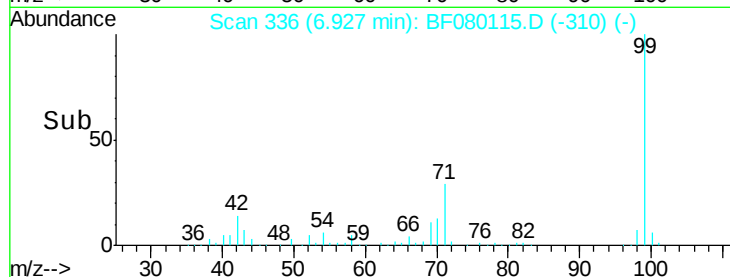
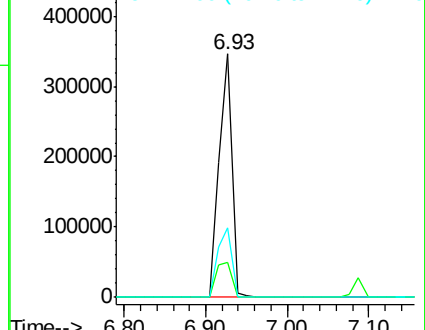
71 28.5 14.2 21.2#



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: 8.61 min Scan# 483

Delta R.T. -0.01 min

Lab File: BF080115.D

Acq: 23 Jun 2015 3:26

Tgt Ion: 136 Resp: 235262

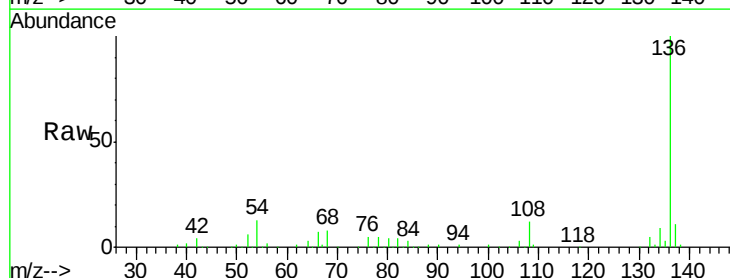
Ion Ratio Lower Upper

136 100

137 11.1 9.0 13.6

54 12.6 8.2 12.2#

68 8.3 5.8 8.6

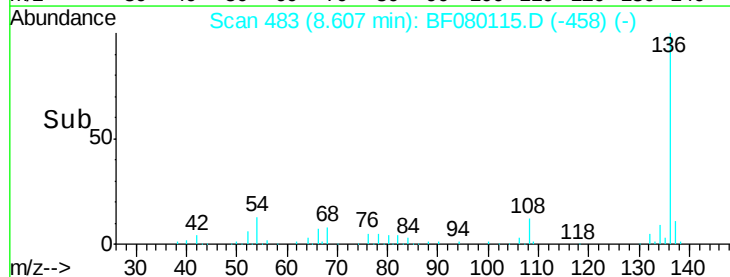
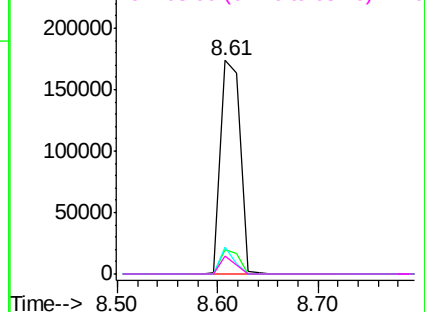


Abundance Ion 136.00 (135.70 to 136.70): E

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

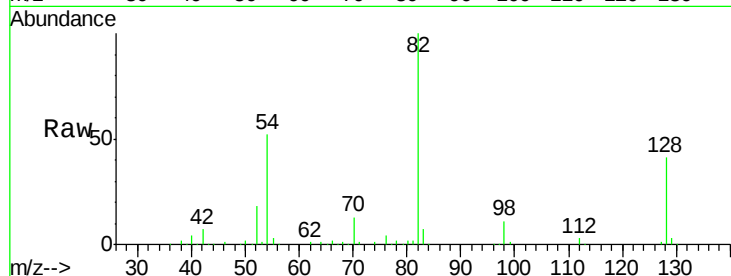




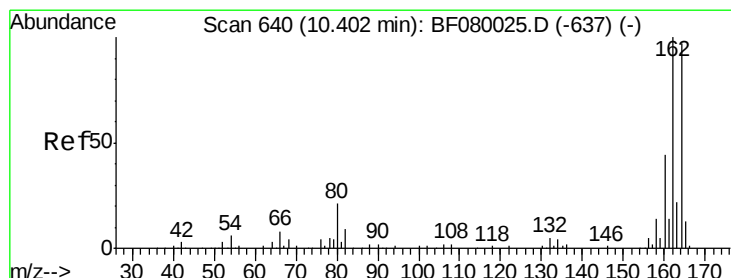
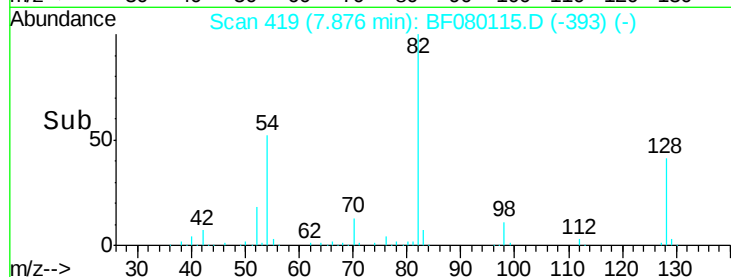
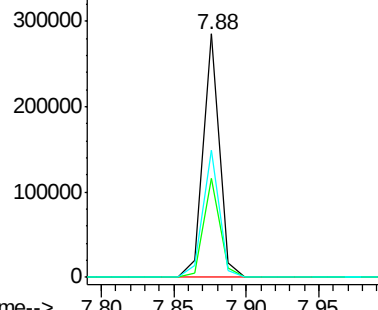
#23  
 Nitrobenzene-d5  
 Concen: 55.09 ng  
 RT: 7.88 min Scan# 419  
 Delta R.T. 0.00 min  
 Lab File: BF080115.D  
 Acq: 23 Jun 2015 3:26

Instrument :  
 BNA\_F  
 ClientSampleId :  
 76-INFIELD(0-2)-8

Tgt Ion: 82 Resp: 222632  
 Ion Ratio Lower Upper  
 82 100  
 128 40.7 51.0 76.6#  
 54 52.1 47.5 71.3

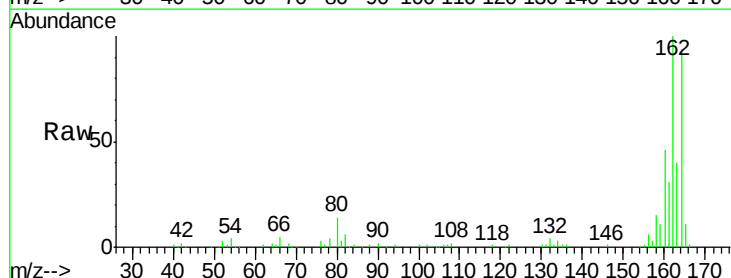


Abundance Ion 82.00 (81.70 to 82.70): BF0  
 Ion 128.00 (127.70 to 128.70): E  
 Ion 54.00 (53.70 to 54.70): BF0

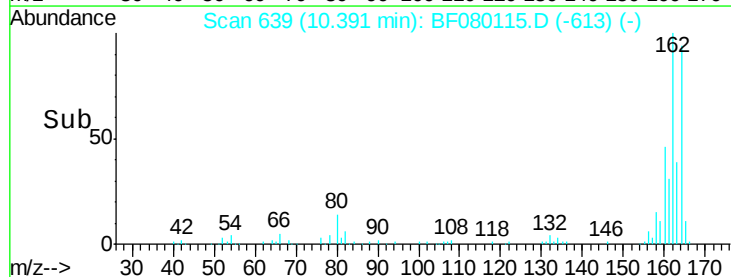
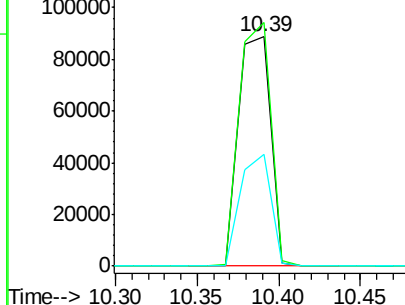


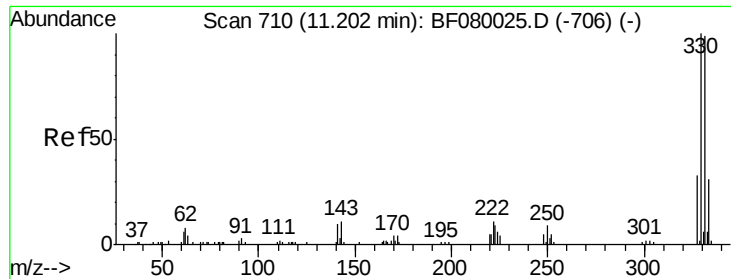
#38  
 Acenaphthene-d10  
 Concen: 20.00 ng  
 RT: 10.39 min Scan# 639  
 Delta R.T. 0.00 min  
 Lab File: BF080115.D  
 Acq: 23 Jun 2015 3:26

Tgt Ion: 164 Resp: 121171  
 Ion Ratio Lower Upper  
 164 100  
 162 106.1 75.2 112.8  
 160 49.0 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

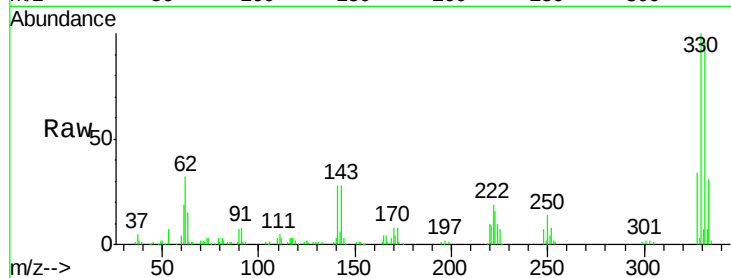




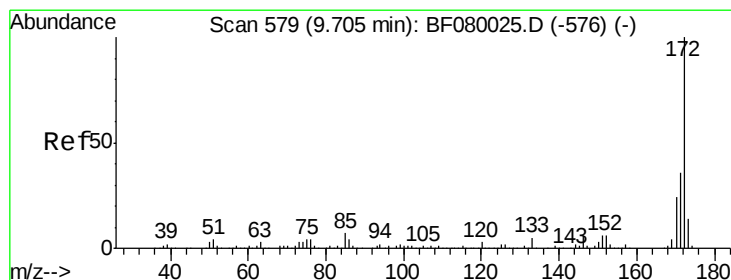
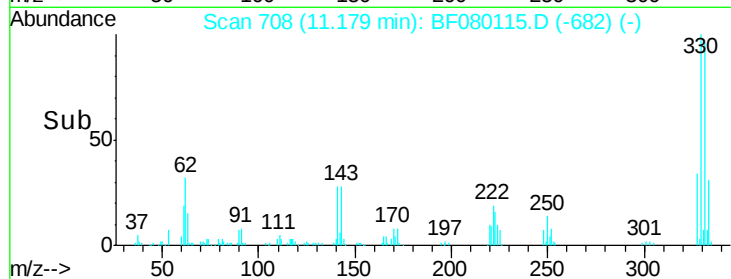
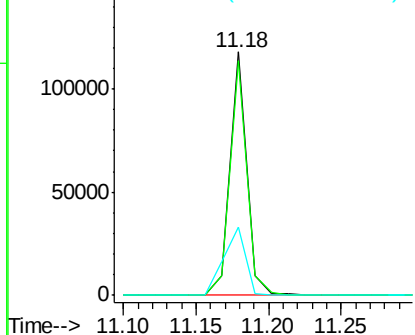
#41  
 2,4,6-Tribromophenol  
 Concen: 80.33 ng  
 RT: 11.18 min Scan# 708  
 Delta R.T. 0.00 min  
 Lab File: BF080115.D  
 Acq: 23 Jun 2015 3:26

Instrument :  
 BNA\_F  
 ClientSampleId :  
 76-INFIELD(0-2)-8

Tgt Ion:330 Resp: 95177  
 Ion Ratio Lower Upper  
 330 100  
 332 97.2 76.6 114.8  
 141 36.5 29.7 44.5

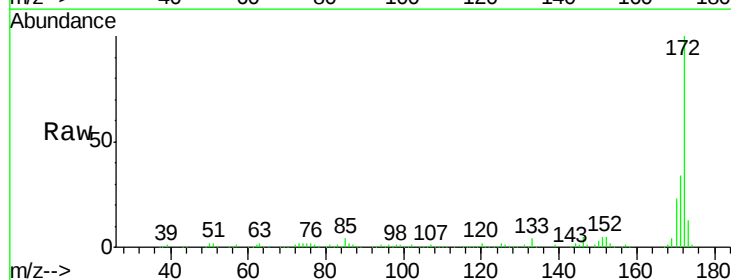


Abundance Ion 329.80 (329.50 to 330.50): E  
 Ion 331.80 (331.50 to 332.50): E  
 Ion 141.00 (140.70 to 141.70): E

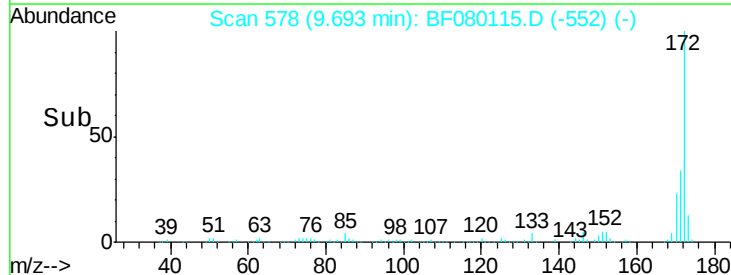
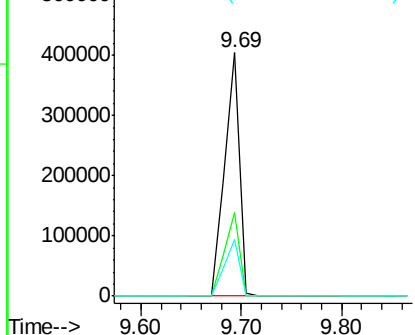


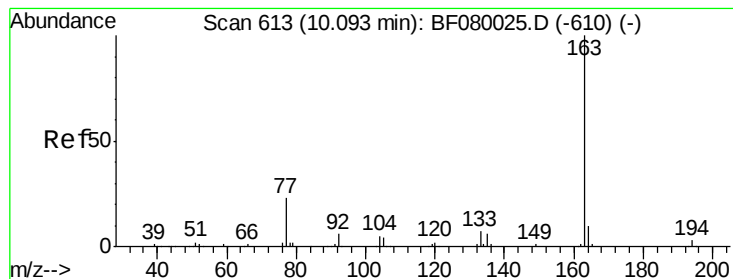
#44  
 2-Fluorobiphenyl  
 Concen: 48.57 ng  
 RT: 9.69 min Scan# 578  
 Delta R.T. 0.00 min  
 Lab File: BF080115.D  
 Acq: 23 Jun 2015 3:26

Tgt Ion:172 Resp: 412684  
 Ion Ratio Lower Upper  
 172 100  
 171 34.5 26.1 39.1  
 170 23.4 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: 6.14 ng

RT: 10.07 min Scan# 611

Delta R.T. -0.01 min

Lab File: BF080115.D

Acq: 23 Jun 2015 3:26

Instrument :

BNA\_F

ClientSampleId :

76-INFIELD(0-2)-8

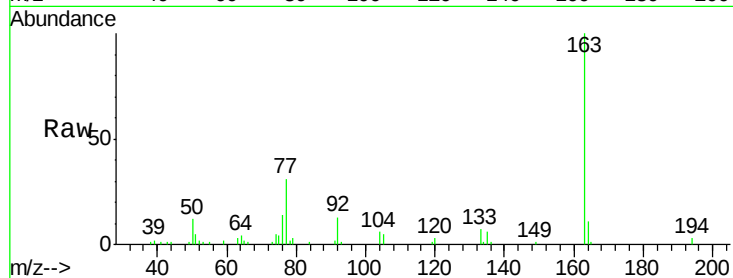
Tgt Ion:163 Resp: 55932

Ion Ratio Lower Upper

163 100

194 2.6 4.4 6.6#

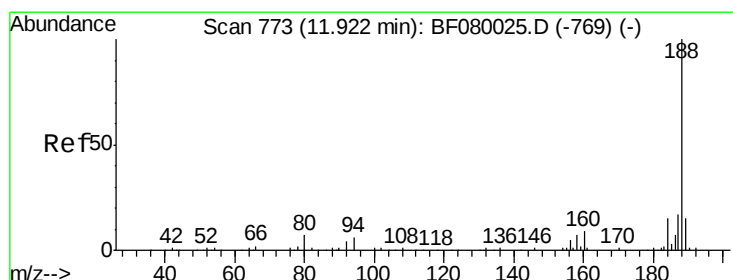
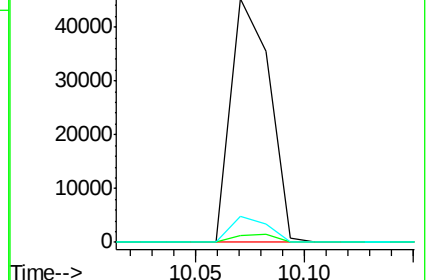
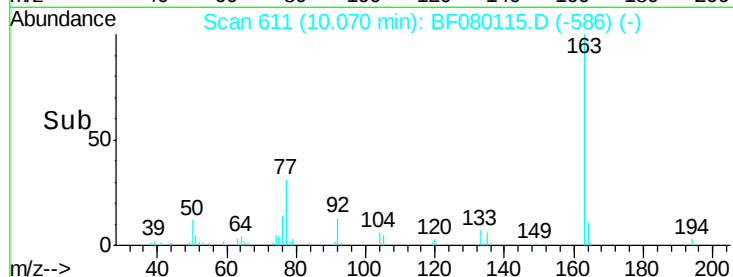
164 10.7 8.3 12.5



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: 11.89 min Scan# 770

Delta R.T. -0.02 min

Lab File: BF080115.D

Acq: 23 Jun 2015 3:26

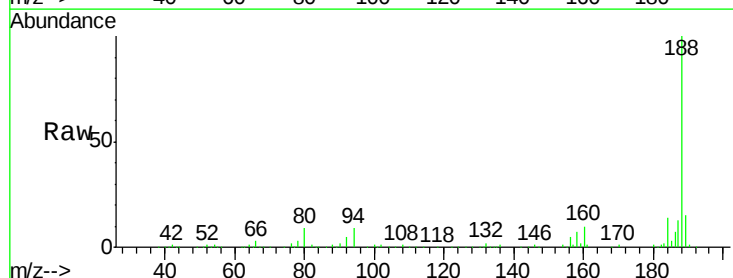
Tgt Ion:188 Resp: 276652

Ion Ratio Lower Upper

188 100

94 8.8 11.1 16.7#

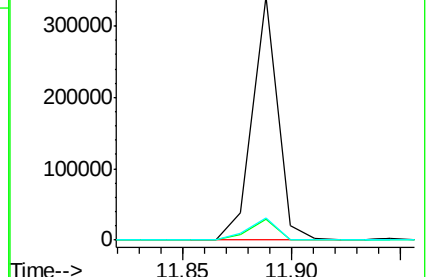
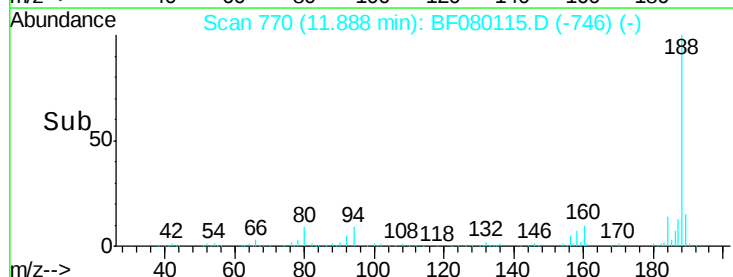
80 9.2 11.0 16.4#

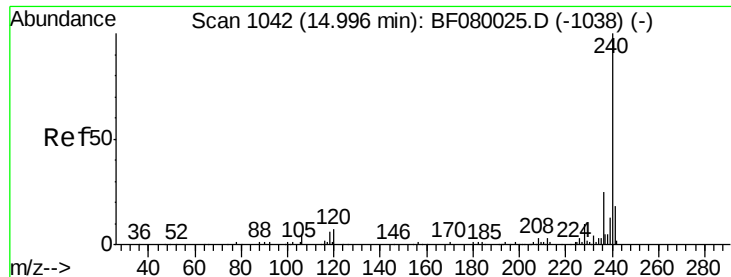


Abundance Ion 188.00 (187.70 to 188.70): E

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. -0.23 min

Lab File: BF080115.D

Acq: 23 Jun 2015 3:26

Instrument :

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ClientSampleId :

76-INFIELD(0-2)-8

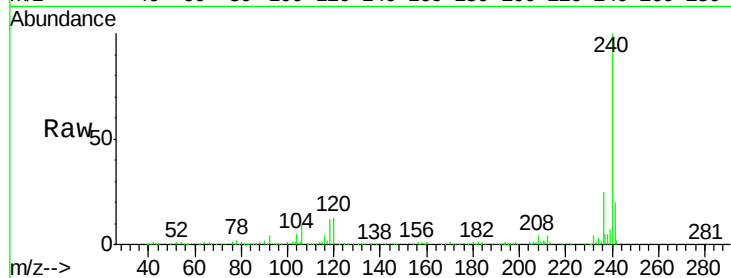
Tgt Ion:240 Resp: 288414

Ion Ratio Lower Upper

240 100

120 13.3 16.2 24.2#

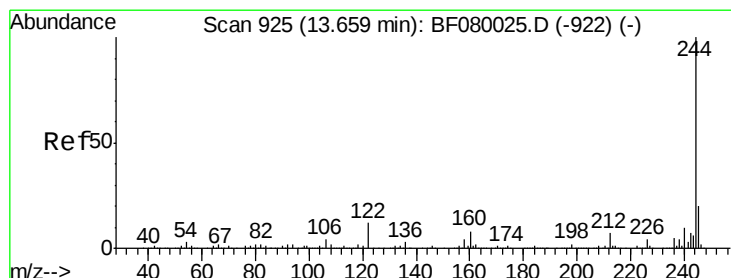
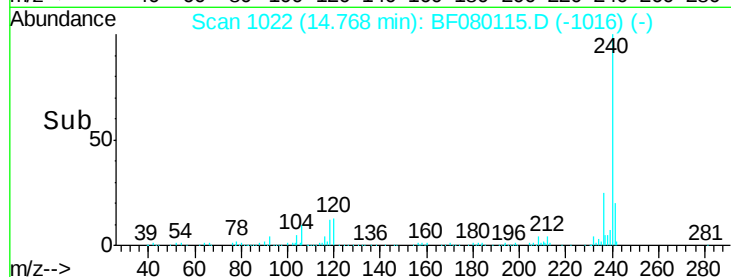
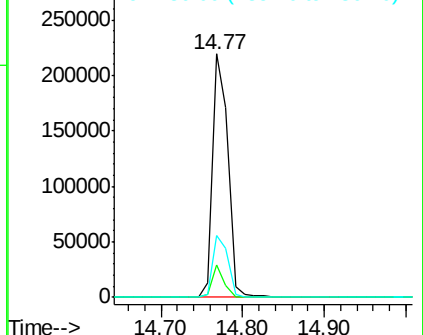
236 25.5 18.4 27.6



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: 40.38 ng

RT: 13.55 min Scan# 915

Delta R.T. -0.13 min

Lab File: BF080115.D

Acq: 23 Jun 2015 3:26

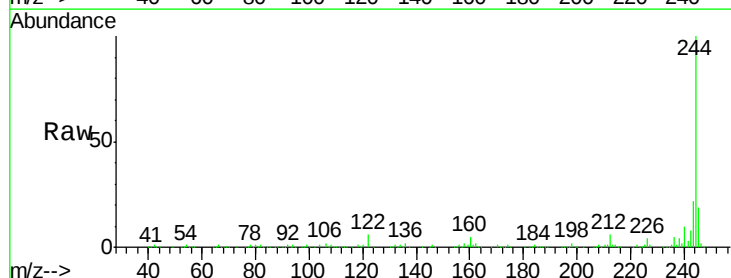
Tgt Ion:244 Resp: 498608

Ion Ratio Lower Upper

244 100

212 6.2 4.3 6.5

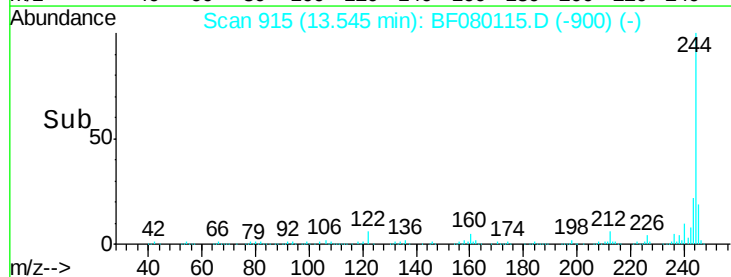
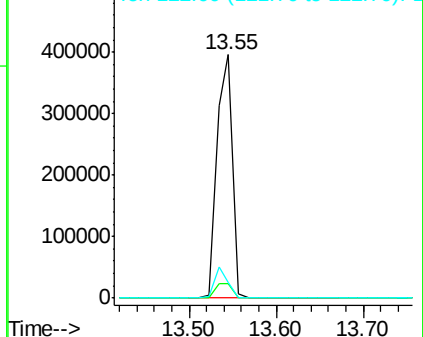
122 6.2 17.4 26.2#

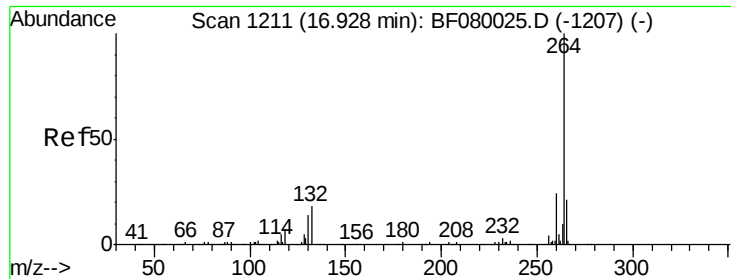


Abundance Ion 244.00 (243.70 to 244.70): E

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: 16.61 min Scan# 1183  
Delta R.T. -0.32 min  
Lab File: BF080115.D  
Acq: 23 Jun 2015 3:26

Instrument :  
BNA\_F  
ClientSampleId :  
76-INFIELD(0-2)-8

Tgt Ion: 264 Resp: 288191  
Ion Ratio Lower Upper  
264 100  
260 23.9 16.7 25.1  
265 21.7 17.2 25.8

