

Data Path : Z:\HPCHEM1\BNA\_F\DATA\BF072415\  
 Data File : BF080650.D  
 Acq On : 25 Jul 2015 5:03  
 Operator : TP/UM  
 Sample : G3079-06  
 Misc :  
 ALS Vial : 21 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :  
 MW-10-7-22-15

Quant Time: Jul 25 06:47:00 2015  
 Quant Method : Z:\HPCHEM1\BNA\_F\METHODS\8270-BF072415.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Sat Jul 25 04:28:42 2015  
 Response via : Initial Calibration

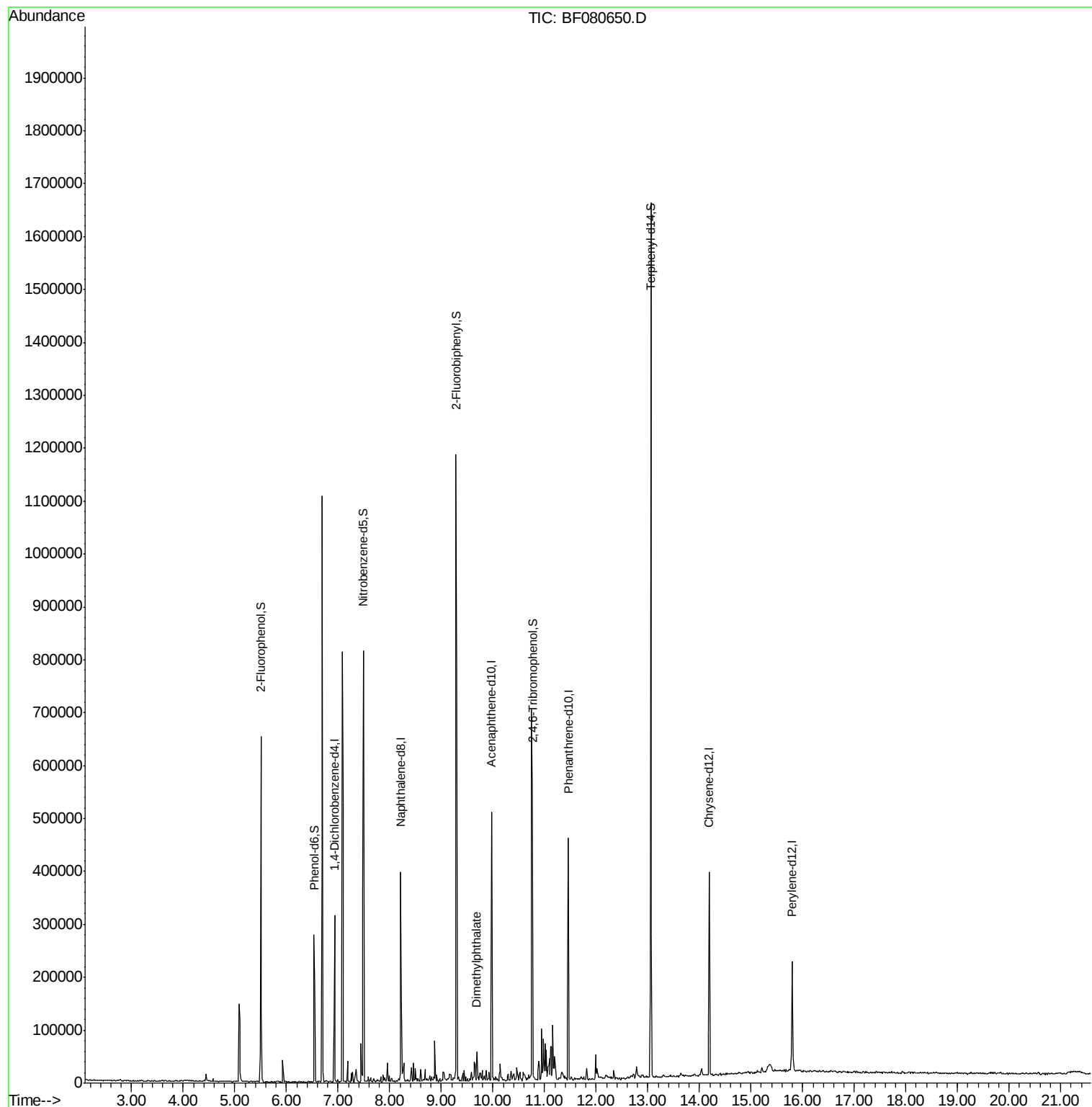
| Internal Standards          | R.T.  | QIon | Response | Conc   | Units | Dev(Min)     |
|-----------------------------|-------|------|----------|--------|-------|--------------|
| 1) 1,4-Dichlorobenzene-d4   | 6.93  | 152  | 46556    | 20.00  | ng    | 0.00         |
| 21) Naphthalene-d8          | 8.21  | 136  | 166190   | 20.00  | ng    | 0.00         |
| 38) Acenaphthene-d10        | 9.97  | 164  | 85248    | 20.00  | ng    | 0.00         |
| 63) Phenanthrene-d10        | 11.46 | 188  | 156131   | 20.00  | ng    | 0.00         |
| 75) Chrysene-d12            | 14.19 | 240  | 130169   | 20.00  | ng    | 0.03         |
| 86) Perylene-d12            | 15.79 | 264  | 113875   | 20.00  | ng    | 0.06         |
| System Monitoring Compounds |       |      |          |        |       |              |
| 5) 2-Fluorophenol           | 5.50  | 112  | 147982   | 53.52  | ng    | 0.00         |
| 7) Phenol-d6                | 6.53  | 99   | 103035   | 31.20  | ng    | -0.01        |
| 23) Nitrobenzene-d5         | 7.49  | 82   | 262405   | 79.30  | ng    | 0.00         |
| 41) 2,4,6-Tribromophenol    | 10.76 | 330  | 97053    | 126.72 | ng    | 0.00         |
| 44) 2-Fluorobiphenyl        | 9.29  | 172  | 447922   | 81.07  | ng    | -0.01        |
| 78) Terphenyl-d14           | 13.06 | 244  | 469591   | 77.68  | ng    | 0.00         |
| Target Compounds            |       |      |          |        |       |              |
| 49) Dimethylphthalate       | 9.69  | 163  | 21539    | 3.53   | ng    | Qvalue<br>99 |

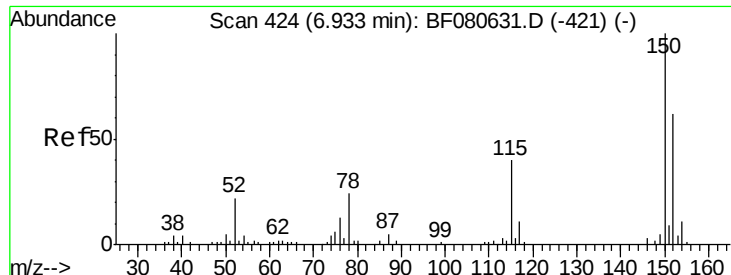
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Sat Jul 25 04:28:42 2015  
Response via : Initial Calibration





#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.93 min Scan# 424

Delta R.T. -0.00 min

Lab File: BF080650.D

Acq: 25 Jul 2015 5:03

Instrument :

BNA\_F

ClientSampleId :

MW-10-7-22-15

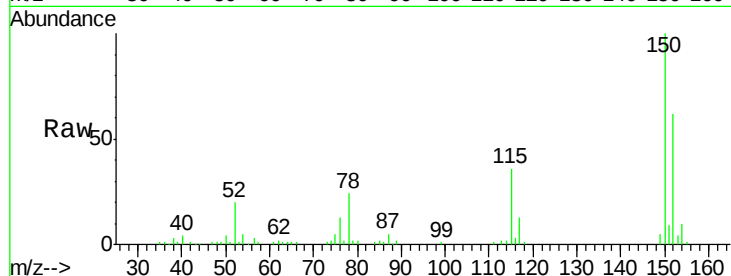
Tgt Ion:152 Resp: 46556

Ion Ratio Lower Upper

152 100

150 160.1 128.9 193.3

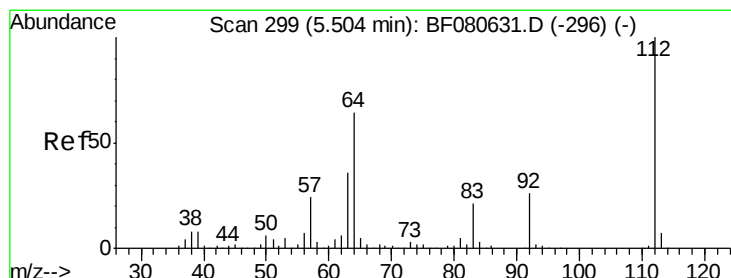
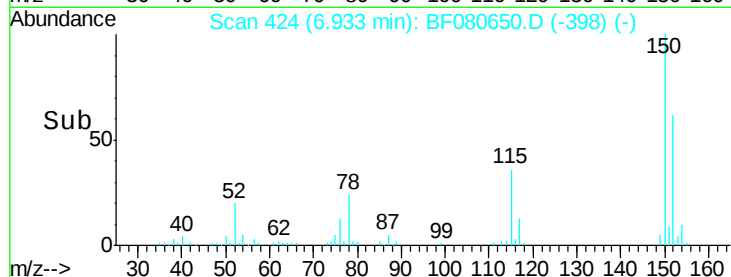
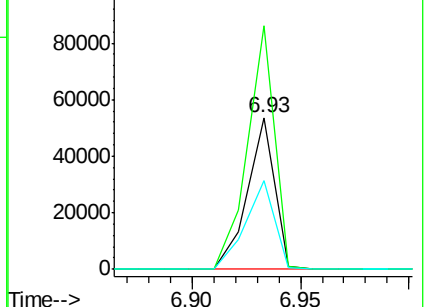
115 58.0 51.0 76.6



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: 53.52 ng

RT: 5.50 min Scan# 299

Delta R.T. -0.00 min

Lab File: BF080650.D

Acq: 25 Jul 2015 5:03

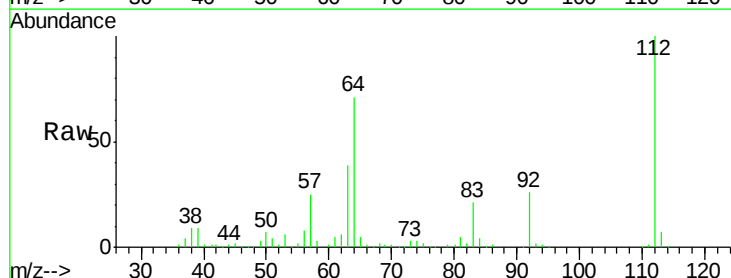
Tgt Ion:112 Resp: 147982

Ion Ratio Lower Upper

112 100

64 70.9 51.2 76.8

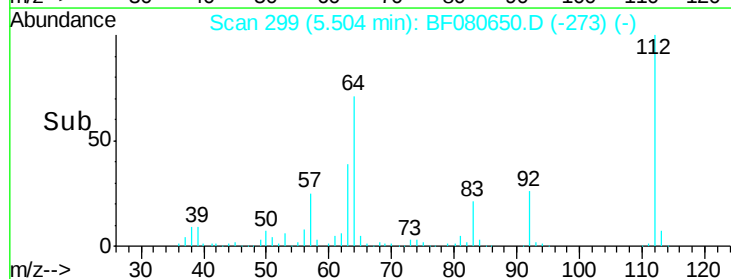
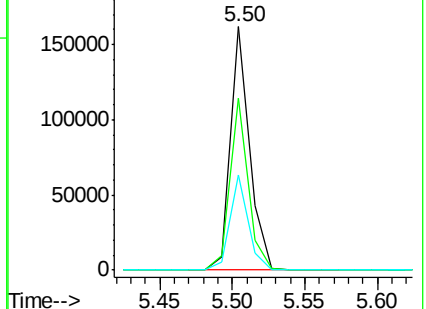
63 39.1 29.0 43.6

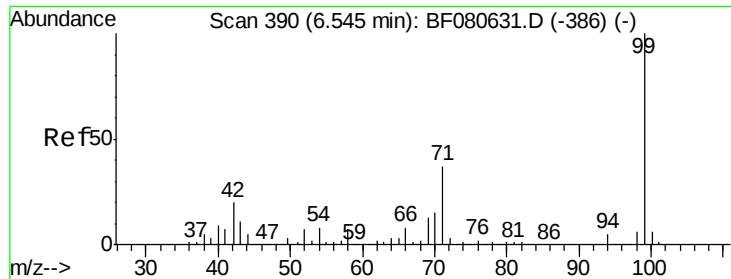


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 31.20 ng

RT: 6.53 min Scan# 389

Delta R.T. -0.01 min

Lab File: BF080650.D

Acq: 25 Jul 2015 5:03

Instrument :

BNA\_F

ClientSampleId :

MW-10-7-22-15

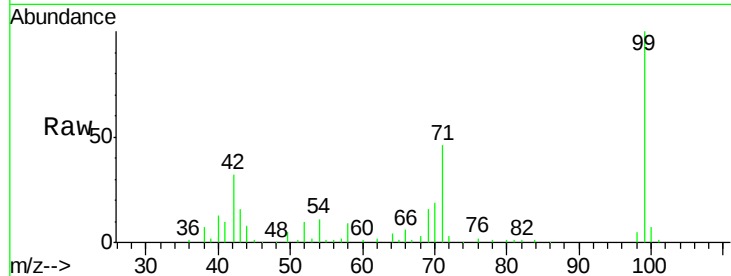
Tgt Ion: 99 Resp: 103035

Ion Ratio Lower Upper

99 100

42 31.9 16.3 24.5#

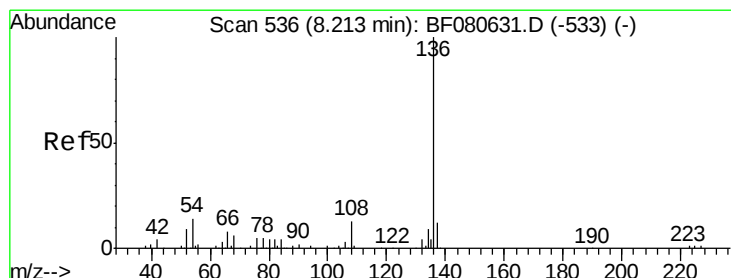
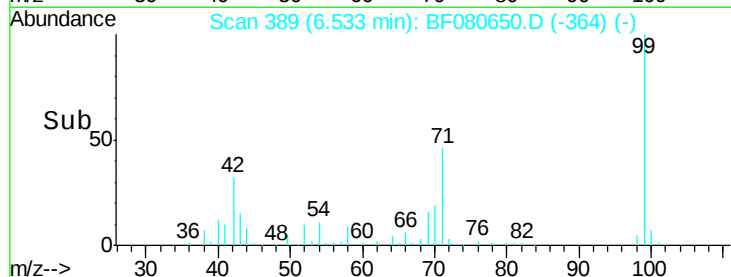
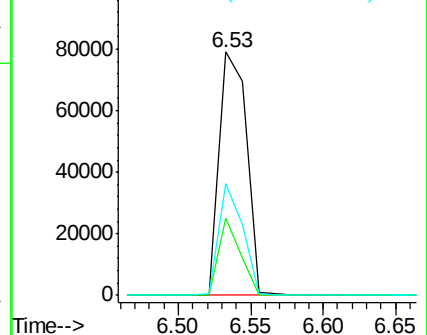
71 46.0 29.7 44.5#



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: 8.21 min Scan# 536

Delta R.T. -0.00 min

Lab File: BF080650.D

Acq: 25 Jul 2015 5:03

Tgt Ion: 136 Resp: 166190

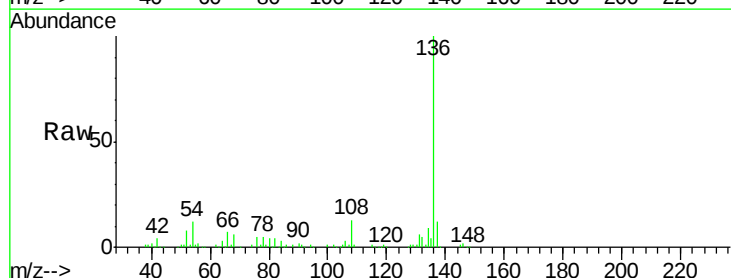
Ion Ratio Lower Upper

136 100

137 11.9 9.3 13.9

54 11.9 11.6 17.4

68 5.6 5.0 7.4

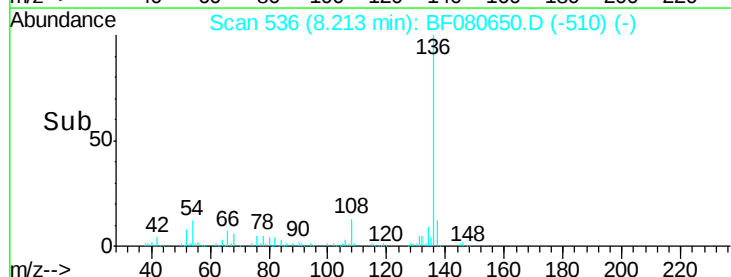
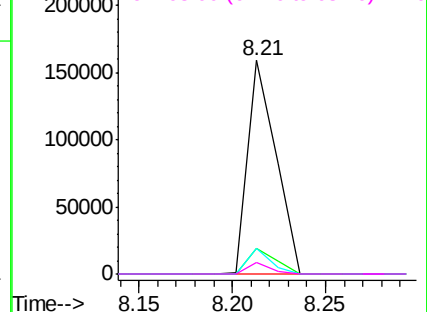


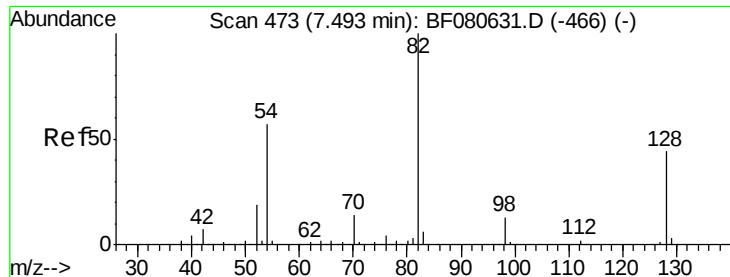
Abundance Ion 136.00 (135.70 to 136.70): E

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

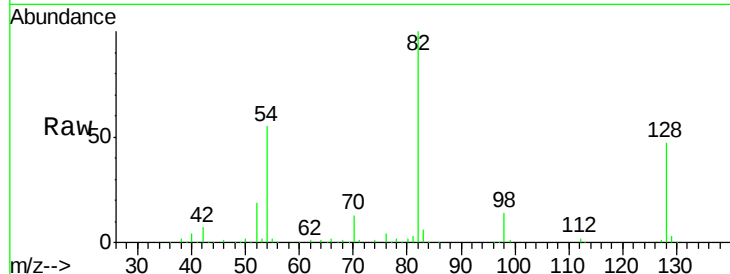




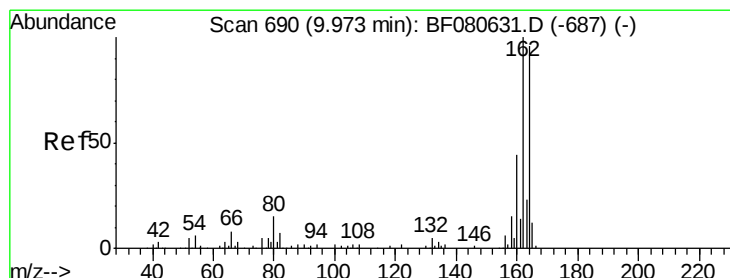
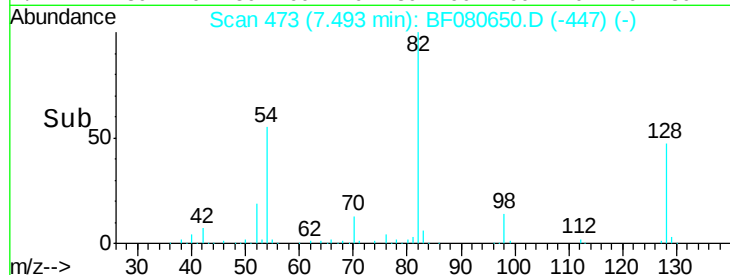
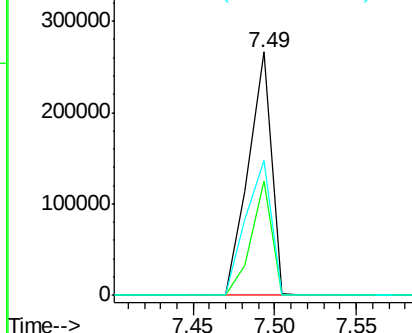
#23  
 Nitrobenzene-d5  
 Concen: 79.30 ng  
 RT: 7.49 min Scan# 473  
 Delta R.T. -0.00 min  
 Lab File: BF080650.D  
 Acq: 25 Jul 2015 5:03

Instrument :  
 BNA\_F  
 ClientSampleId :  
 MW-10-7-22-15

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 82      | 100   |       |       |
| 128     | 47.1  | 34.8  | 52.2  |
| 54      | 55.1  | 45.4  | 68.0  |

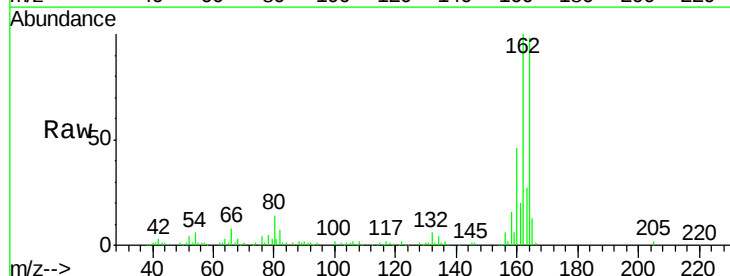


Abundance Ion 82.00 (81.70 to 82.70): BF0  
 Ion 128.00 (127.70 to 128.70): B  
 Ion 54.00 (53.70 to 54.70): BF0

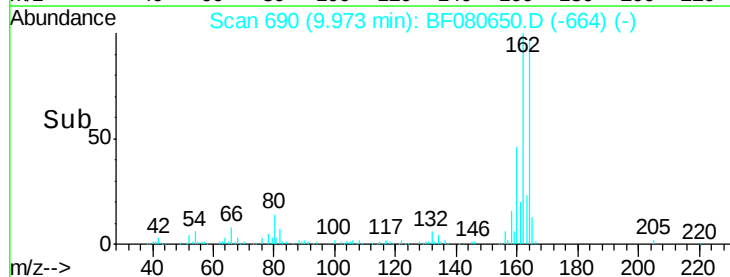
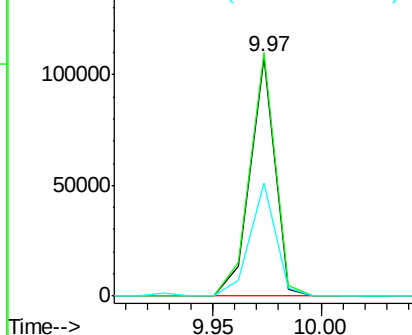


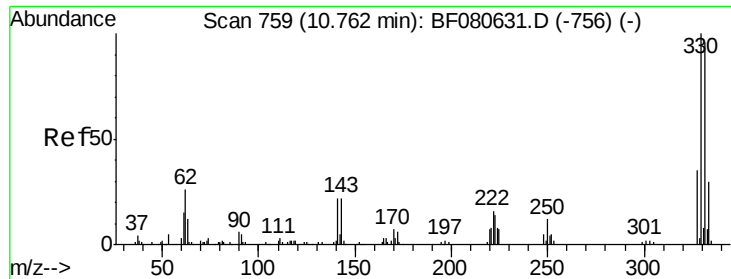
#38  
 Acenaphthene-d10  
 Concen: 20.00 ng  
 RT: 9.97 min Scan# 690  
 Delta R.T. -0.00 min  
 Lab File: BF080650.D  
 Acq: 25 Jul 2015 5:03

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 164     | 100   |       |       |
| 162     | 102.1 | 83.3  | 124.9 |
| 160     | 47.4  | 36.9  | 55.3  |



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: 126.72 ng

RT: 10.76 min Scan# 759

Delta R.T. -0.00 min

Lab File: BF080650.D

Acq: 25 Jul 2015 5:03

Instrument :

BNA\_F

ClientSampleId :

MW-10-7-22-15

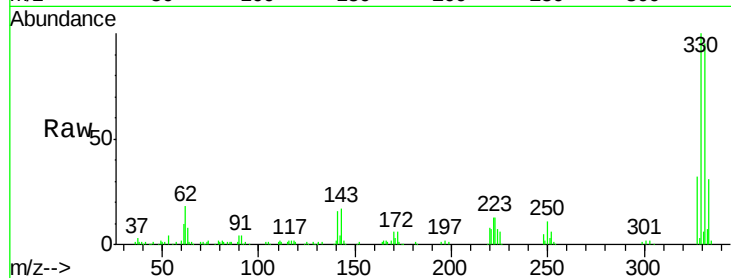
Tgt Ion:330 Resp: 97053

Ion Ratio Lower Upper

330 100

332 95.2 76.7 115.1

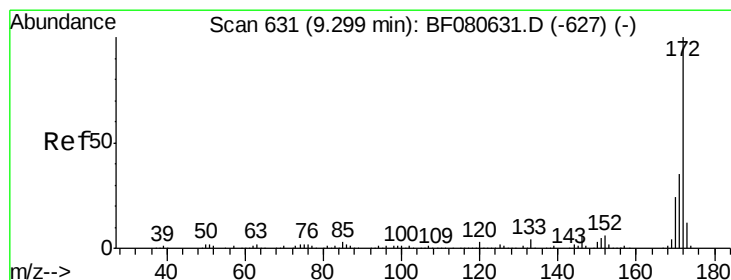
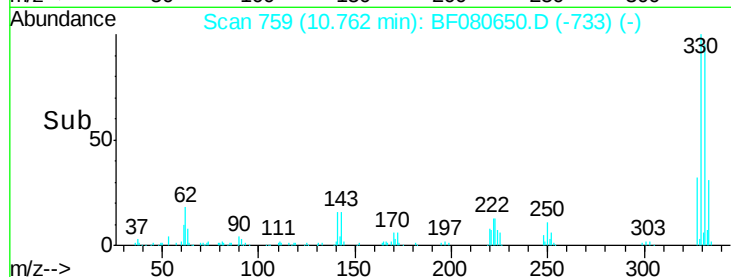
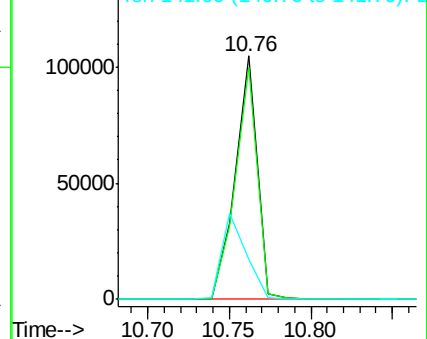
141 39.9 32.7 49.1



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: 81.07 ng

RT: 9.29 min Scan# 630

Delta R.T. -0.01 min

Lab File: BF080650.D

Acq: 25 Jul 2015 5:03

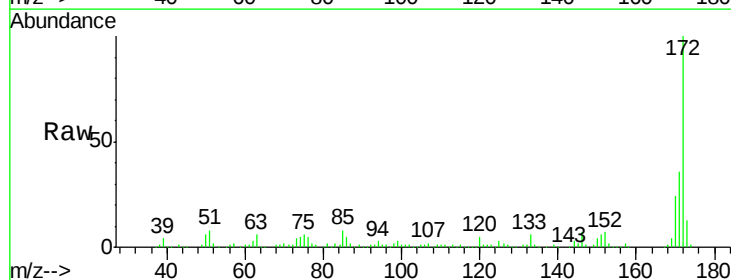
Tgt Ion:172 Resp: 447922

Ion Ratio Lower Upper

172 100

171 35.8 27.7 41.5

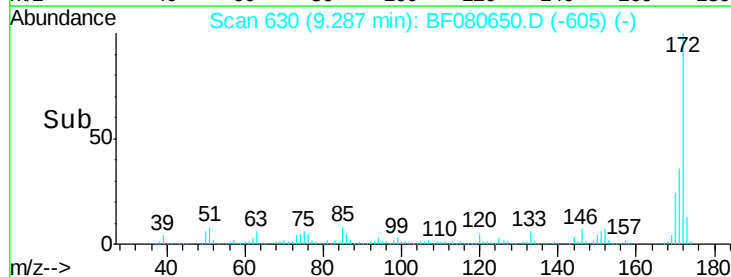
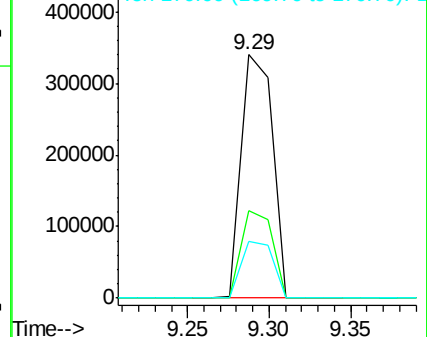
170 23.6 19.0 28.4

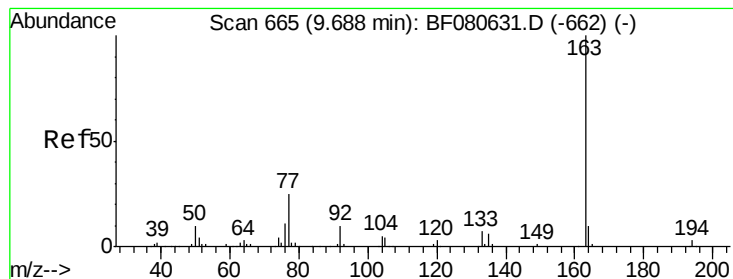


Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E





#49

Dimethylphthalate

Concen: 3.53 ng

RT: 9.69 min Scan# 665

Delta R.T. -0.00 min

Lab File: BF080650.D

Acq: 25 Jul 2015 5:03

Instrument :

BNA\_F

ClientSampleId :

MW-10-7-22-15

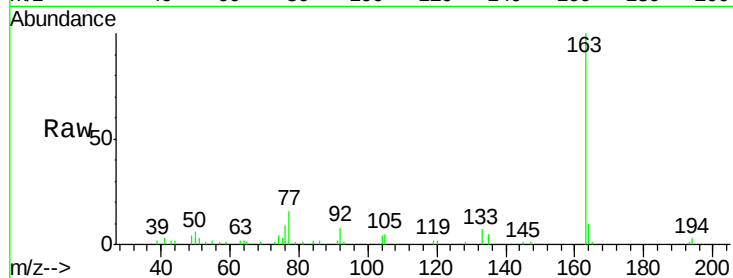
Tgt Ion:163 Resp: 21539

Ion Ratio Lower Upper

163 100

194 3.5 2.5 3.7

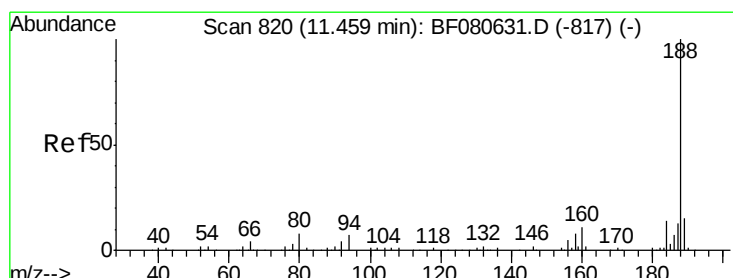
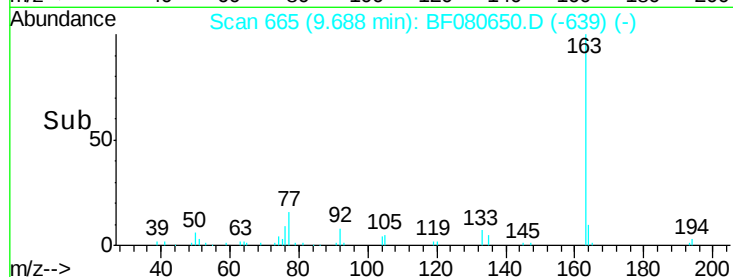
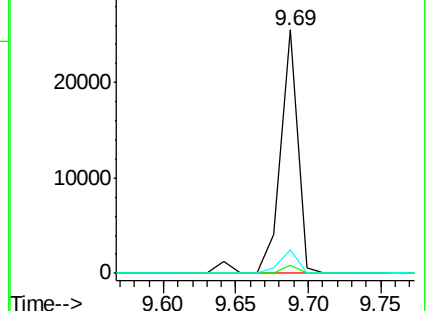
164 9.6 8.0 12.0



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: 11.46 min Scan# 820

Delta R.T. -0.00 min

Lab File: BF080650.D

Acq: 25 Jul 2015 5:03

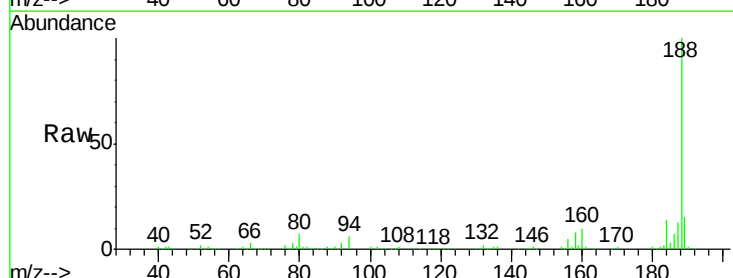
Tgt Ion:188 Resp: 156131

Ion Ratio Lower Upper

188 100

94 6.5 5.6 8.4

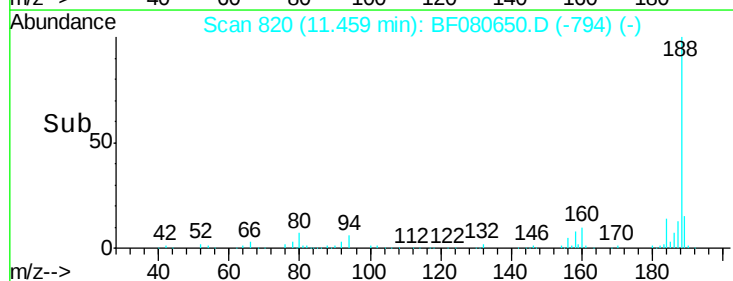
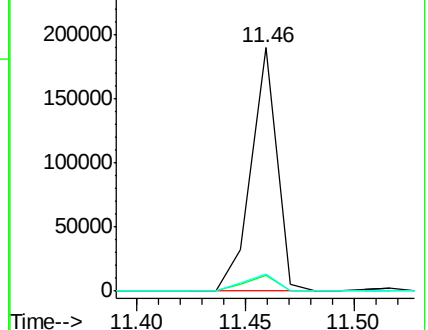
80 7.0 6.1 9.1

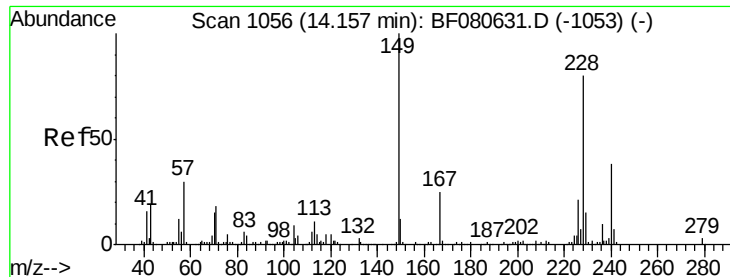


Abundance Ion 188.00 (187.70 to 188.70): E

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: 14.19 min Scan# 1059

Delta R.T. 0.03 min

Lab File: BF080650.D

Acq: 25 Jul 2015 5:03

Instrument :

BNA\_F

ClientSampleId :

MW-10-7-22-15

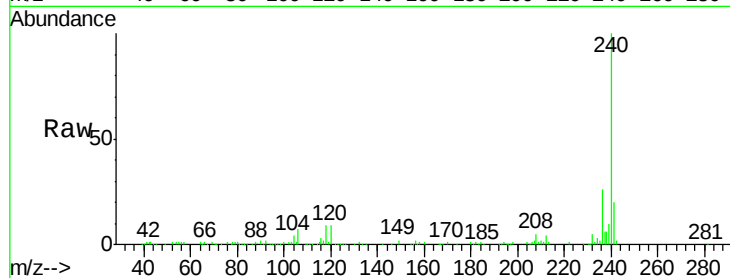
Tgt Ion:240 Resp: 130169

Ion Ratio Lower Upper

240 100

120 8.9 10.8 16.2#

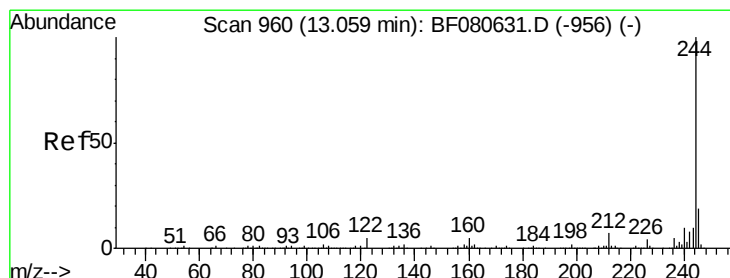
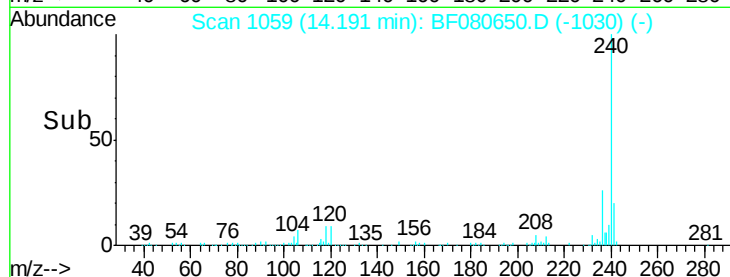
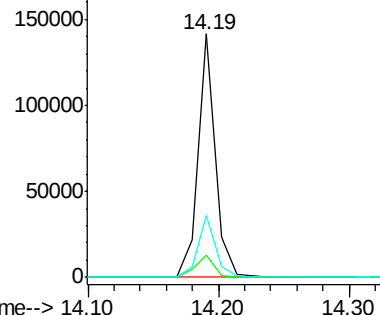
236 25.5 20.3 30.5



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: 77.68 ng

RT: 13.06 min Scan# 960

Delta R.T. -0.00 min

Lab File: BF080650.D

Acq: 25 Jul 2015 5:03

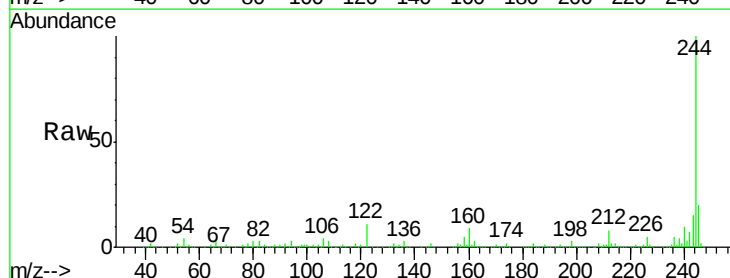
Tgt Ion:244 Resp: 469591

Ion Ratio Lower Upper

244 100

212 8.3 5.2 7.8#

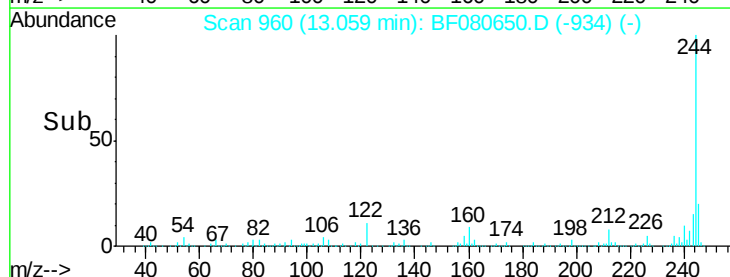
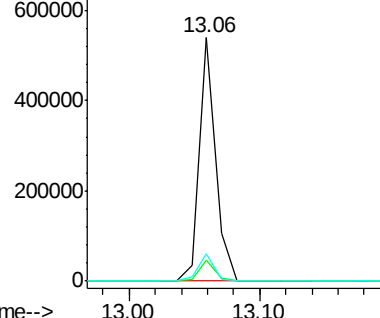
122 11.0 4.1 6.1#

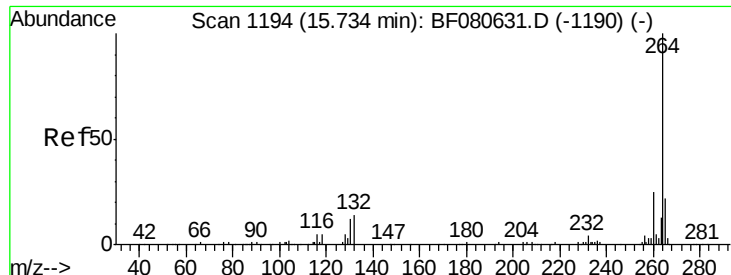


Abundance Ion 244.00 (243.70 to 244.70): E

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: 15.79 min Scan# 1199  
Delta R.T. 0.06 min  
Lab File: BF080650.D  
Acq: 25 Jul 2015 5:03

Instrument :  
BNA\_F  
ClientSampleId :  
MW-10-7-22-15

Tgt Ion: 264 Resp: 113875  
Ion Ratio Lower Upper  
264 100  
260 21.9 20.1 30.1  
265 22.1 17.4 26.0

