

Data Path : Z:\HPCHEM1\BNA\_G\DATA\BG050915\  
 Data File : BG017006.D  
 Acq On : 10 May 2015 1:00  
 Operator : TP/IZ  
 Sample : G2104-04  
 Misc :  
 ALS Vial : 51 Sample Multiplier: 1

Instrument :  
 BNA\_G  
 ClientSampleId :  
 MW-104

Quant Time: May 11 05:40:50 2015  
 Quant Method : Z:\HPCHEM1\BNA\_G\METHODS\8270-BG050515.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Tue May 05 16:13:58 2015  
 Response via : Initial Calibration

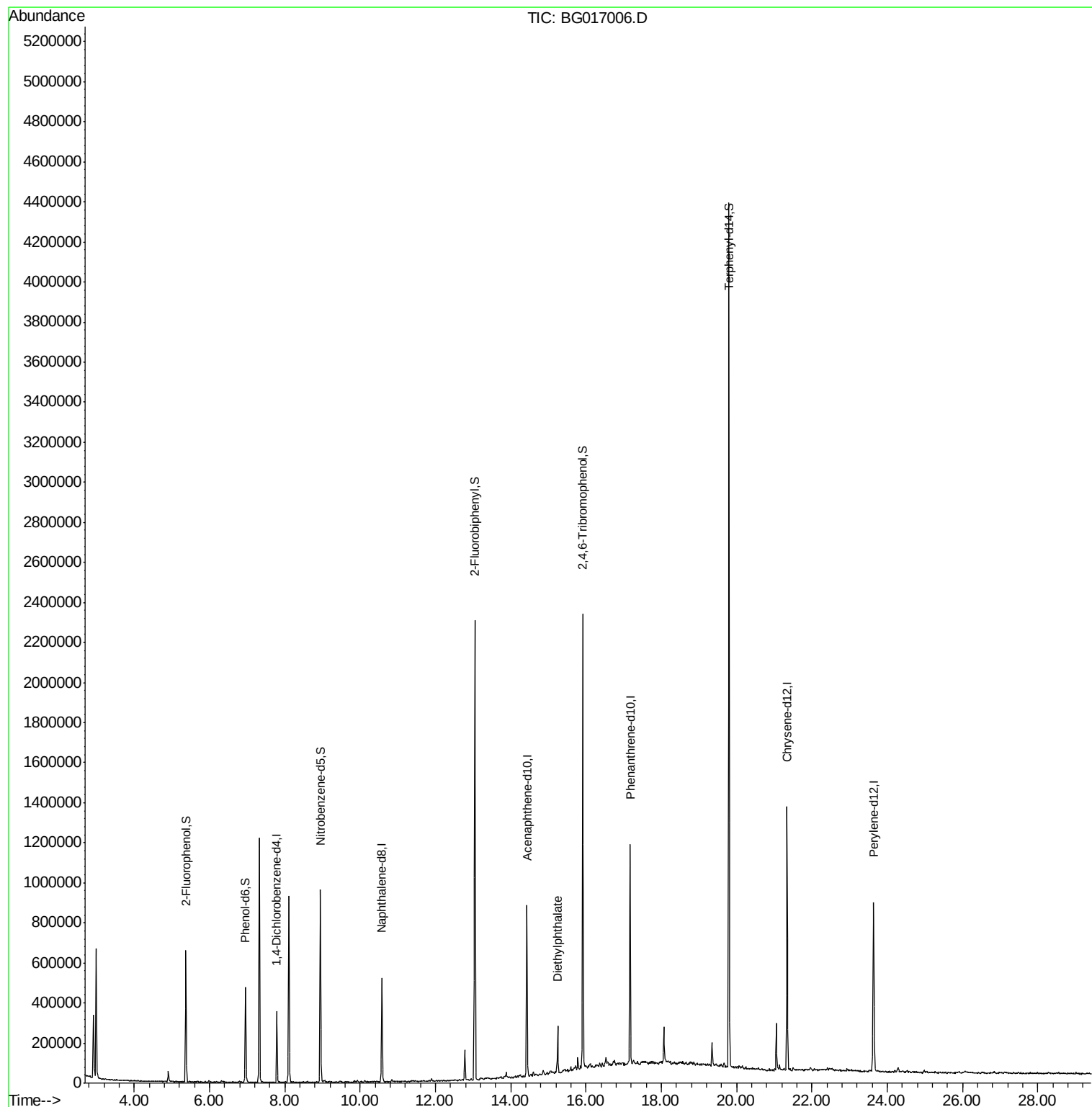
| Internal Standards          | R.T.  | QIon | Response | Conc   | Units | Dev(Min)     |
|-----------------------------|-------|------|----------|--------|-------|--------------|
| 1) 1,4-Dichlorobenzene-d4   | 7.79  | 152  | 79155    | 20.00  | ng    | -0.02        |
| 21) Naphthalene-d8          | 10.58 | 136  | 376250   | 20.00  | ng    | -0.02        |
| 38) Acenaphthene-d10        | 14.43 | 164  | 258769   | 20.00  | ng    | -0.02        |
| 63) Phenanthrene-d10        | 17.17 | 188  | 586209   | 20.00  | ng    | -0.02        |
| 75) Chrysene-d12            | 21.34 | 240  | 586648   | 20.00  | ng    | -0.03        |
| 86) Perylene-d12            | 23.64 | 264  | 573966   | 20.00  | ng    | -0.04        |
| System Monitoring Compounds |       |      |          |        |       |              |
| 5) 2-Fluorophenol           | 5.37  | 112  | 230644   | 50.74  | ng    | -0.01        |
| 7) Phenol-d6                | 6.95  | 99   | 223709   | 34.45  | ng    | -0.01        |
| 23) Nitrobenzene-d5         | 8.95  | 82   | 495383   | 64.32  | ng    | -0.02        |
| 41) 2,4,6-Tribromophenol    | 15.91 | 330  | 310413   | 119.49 | ng    | -0.02        |
| 44) 2-Fluorobiphenyl        | 13.05 | 172  | 1049325  | 61.19  | ng    | -0.02        |
| 78) Terphenyl-d14           | 19.80 | 244  | 1611873  | 64.41  | ng    | -0.02        |
| Target Compounds            |       |      |          |        |       |              |
| 59) Diethylphthalate        | 15.25 | 149  | 107832   | 5.29   | ng    | Qvalue<br>97 |

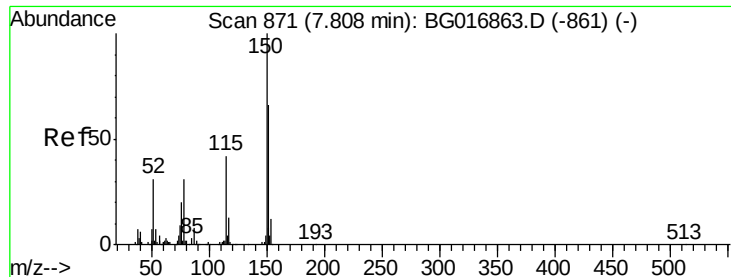
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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ALS Vial : 51 Sample Multiplier: 1

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Response via : Initial Calibration



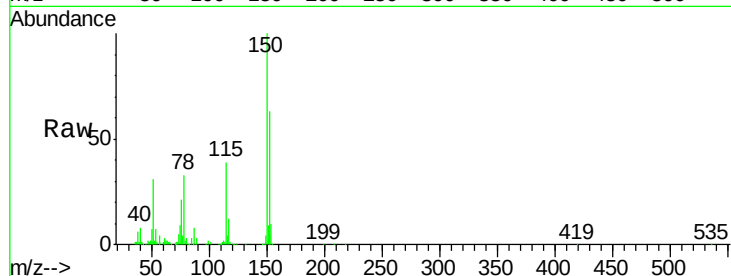


#1

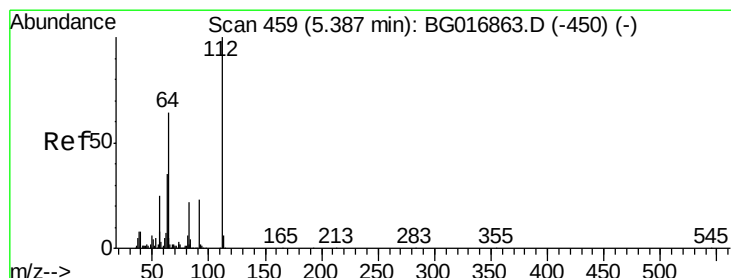
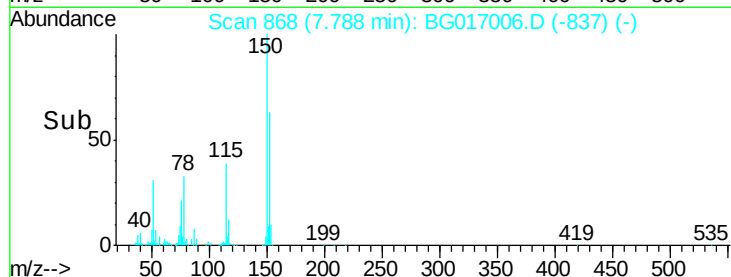
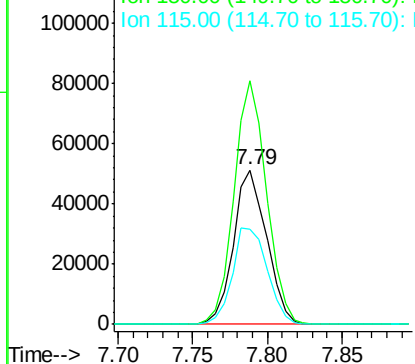
1,4-Dichlorobenzene-d4  
Concen: 20.00 ng  
RT: 7.79 min Scan# 868  
Delta R.T. -0.02 min  
Lab File: BG017006.D  
Acq: 10 May 2015 1:00

Instrument :  
BNA\_G  
ClientSampleId :  
MW-104

Tgt Ion:152 Resp: 79155  
Ion Ratio Lower Upper  
152 100  
150 157.6 121.0 181.4  
115 61.7 50.5 75.7



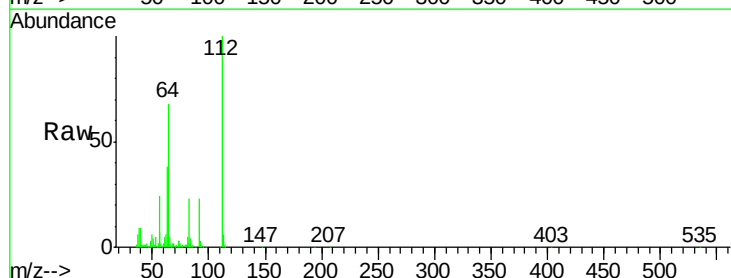
Abundance Ion 152.00 (151.70 to 152.70): E  
Ion 150.00 (149.70 to 150.70): E  
Ion 115.00 (114.70 to 115.70): E



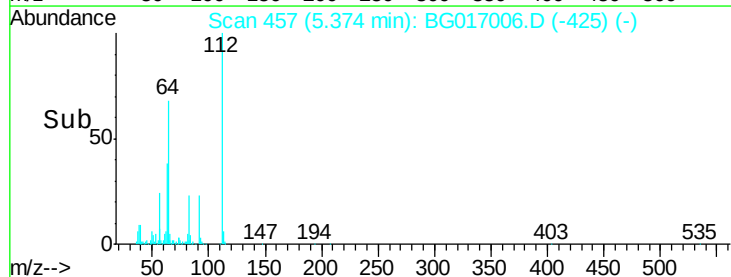
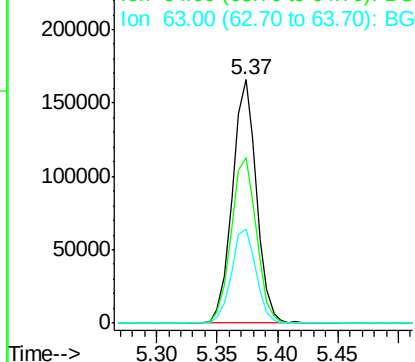
#5

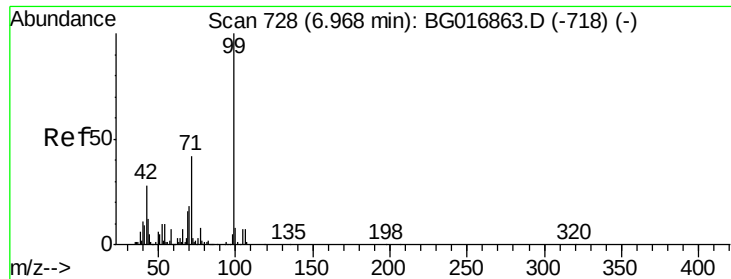
2-Fluorophenol  
Concen: 50.74 ng  
RT: 5.37 min Scan# 457  
Delta R.T. -0.01 min  
Lab File: BG017006.D  
Acq: 10 May 2015 1:00

Tgt Ion:112 Resp: 230644  
Ion Ratio Lower Upper  
112 100  
64 67.9 51.4 77.2  
63 38.4 28.1 42.1



Abundance Ion 112.00 (111.70 to 112.70): E  
Ion 64.00 (63.70 to 64.70): BGC  
Ion 63.00 (62.70 to 63.70): BGC





#7

Phenol-d6

Concen: 34.45 ng

RT: 6.95 min Scan# 726

Delta R.T. -0.01 min

Lab File: BG017006.D

Acq: 10 May 2015 1:00

Instrument :

BNA\_G

ClientSampleId :

MW-104

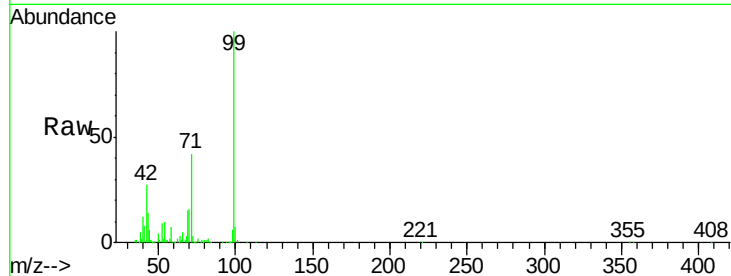
Tgt Ion: 99 Resp: 223709

Ion Ratio Lower Upper

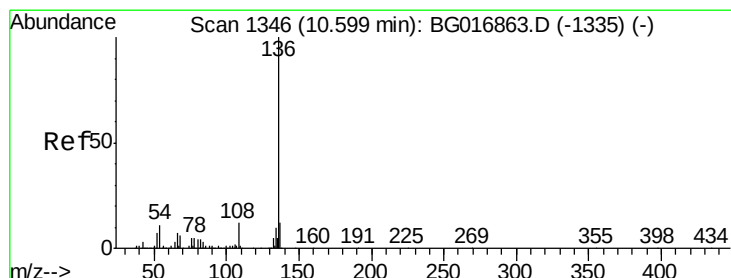
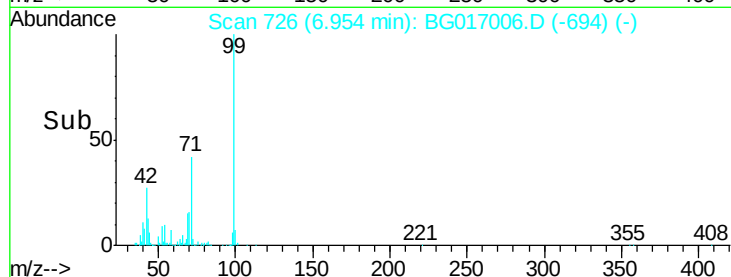
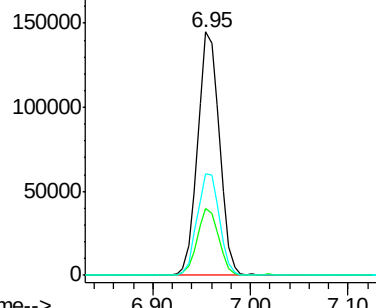
99 100

42 27.4 22.1 33.1

71 41.9 33.4 50.0



Abundance Ion 99.00 (98.70 to 99.70): BGC  
Ion 42.00 (41.70 to 42.70): BGC  
Ion 71.00 (70.70 to 71.70): BGC



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 10.58 min Scan# 1343

Delta R.T. -0.02 min

Lab File: BG017006.D

Acq: 10 May 2015 1:00

Tgt Ion: 136 Resp: 376250

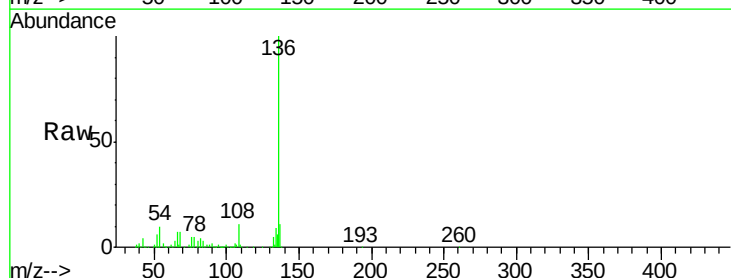
Ion Ratio Lower Upper

136 100

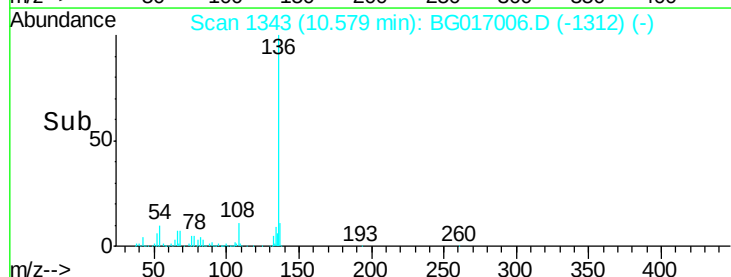
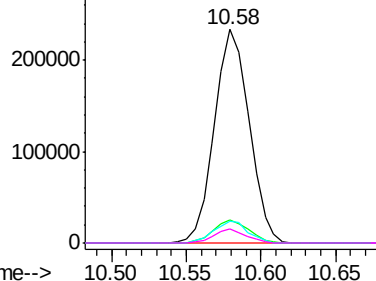
137 10.6 9.8 14.8

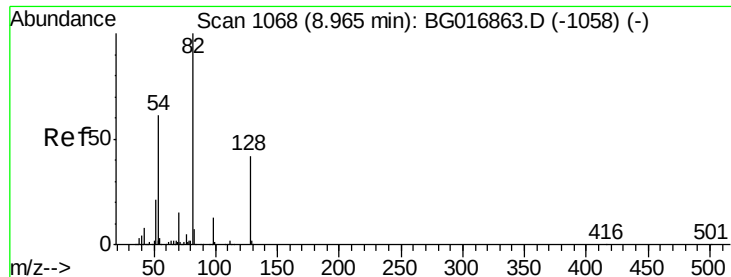
54 10.1 8.7 13.1

68 6.8 5.0 7.4



Abundance Ion 136.00 (135.70 to 136.70): BGC  
Ion 137.00 (136.70 to 137.70): BGC  
Ion 54.00 (53.70 to 54.70): BGC  
Ion 68.00 (67.70 to 68.70): BGC

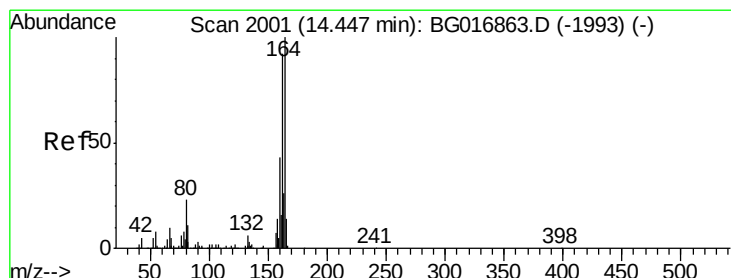
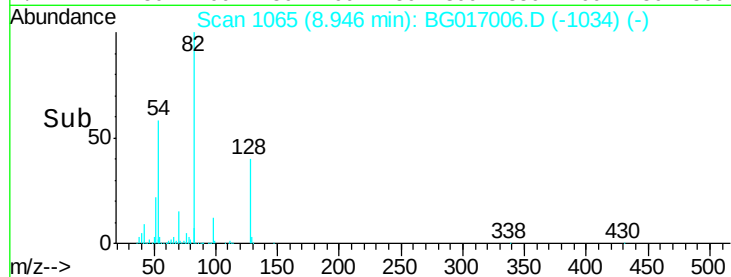
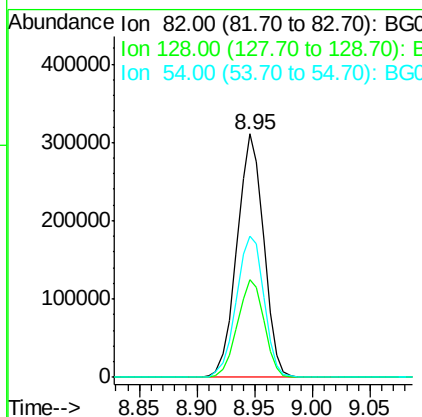
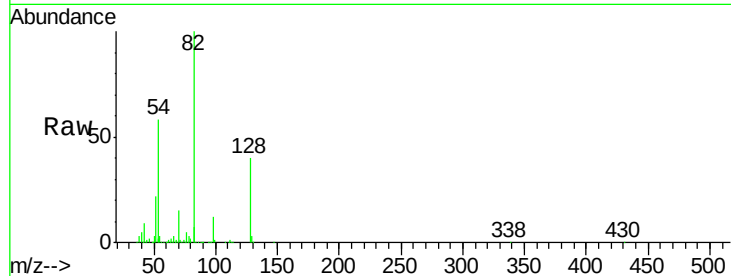




#23  
 Nitrobenzene-d5  
 Concen: 64.32 ng  
 RT: 8.95 min Scan# 1065  
 Delta R.T. -0.02 min  
 Lab File: BG017006.D  
 Acq: 10 May 2015 1:00

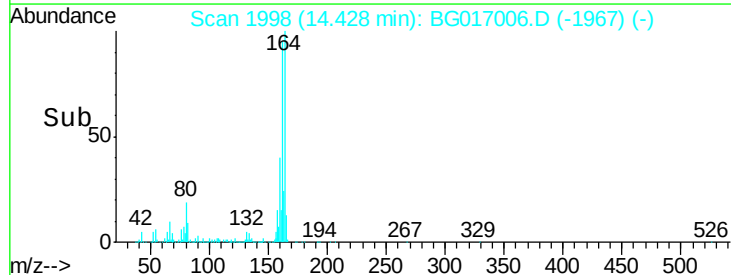
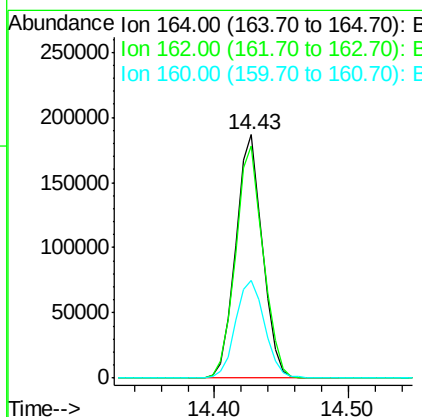
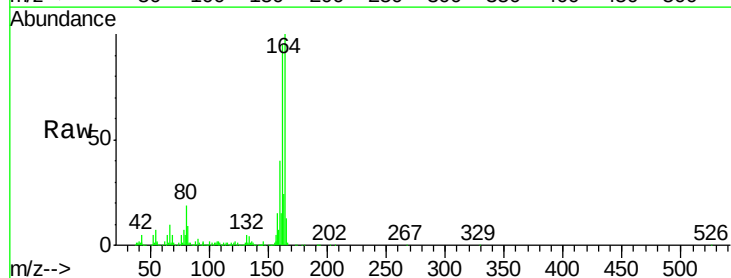
Instrument :  
 BNA\_G  
 ClientSampleId :  
 MW-104

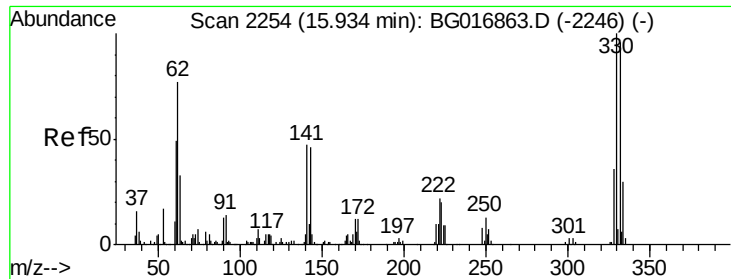
| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 82      | 100   |       |       |
| 128     | 40.3  | 33.2  | 49.8  |
| 54      | 58.1  | 48.6  | 72.8  |



#38  
 Acenaphthene-d10  
 Concen: 20.00 ng  
 RT: 14.43 min Scan# 1998  
 Delta R.T. -0.02 min  
 Lab File: BG017006.D  
 Acq: 10 May 2015 1:00

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 164     | 100   |       |       |
| 162     | 95.1  | 74.0  | 111.0 |
| 160     | 40.3  | 34.7  | 52.1  |

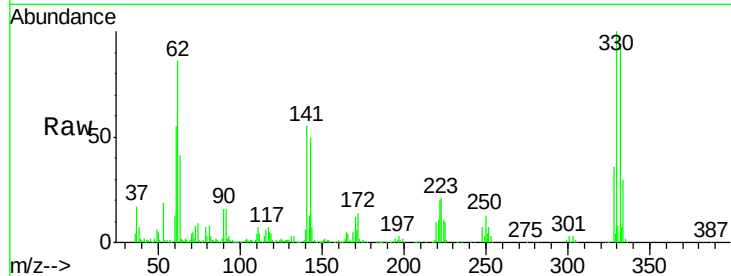




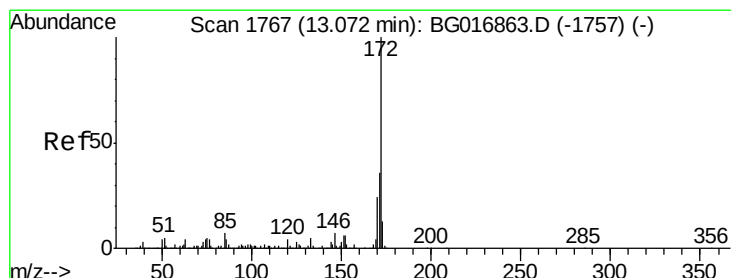
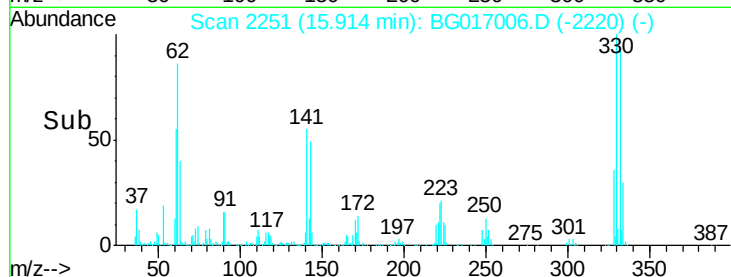
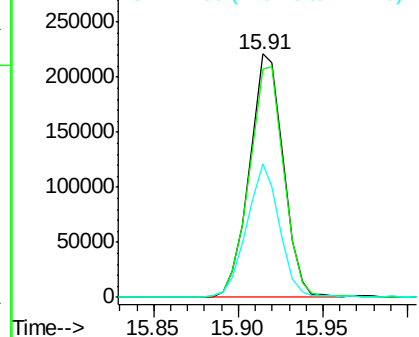
#41  
2,4,6-Tribromophenol  
Concen: 119.49 ng  
RT: 15.91 min Scan# 2251  
Delta R.T. -0.02 min  
Lab File: BG017006.D  
Acq: 10 May 2015 1:00

Instrument :  
BNA\_G  
ClientSampled :  
MW-104

Tgt Ion:330 Resp: 310413  
Ion Ratio Lower Upper  
330 100  
332 96.8 0.0 0.0#  
141 51.7 0.0 0.0#

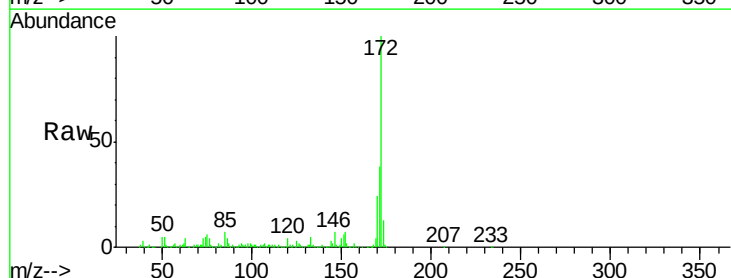


Abundance Ion 329.80 (329.50 to 330.50): E  
Ion 331.80 (331.50 to 332.50): E  
Ion 141.00 (140.70 to 141.70): E

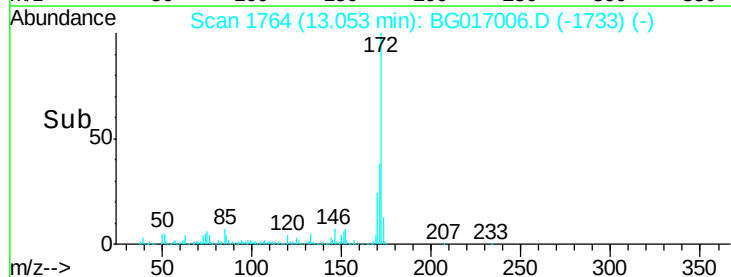
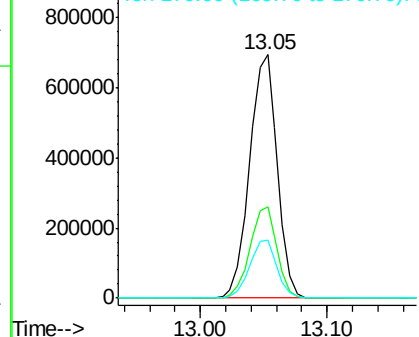


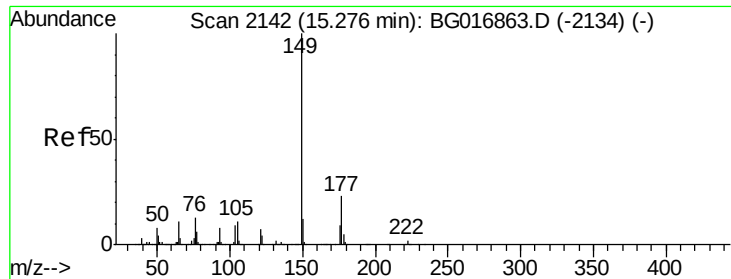
#44  
2-Fluorobiphenyl  
Concen: 61.19 ng  
RT: 13.05 min Scan# 1764  
Delta R.T. -0.02 min  
Lab File: BG017006.D  
Acq: 10 May 2015 1:00

Tgt Ion:172 Resp: 1049325  
Ion Ratio Lower Upper  
172 100  
171 37.5 29.0 43.4  
170 24.0 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

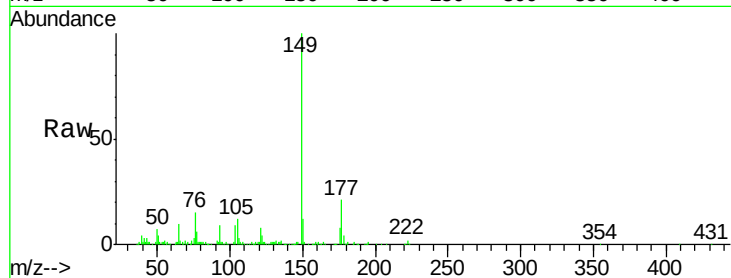




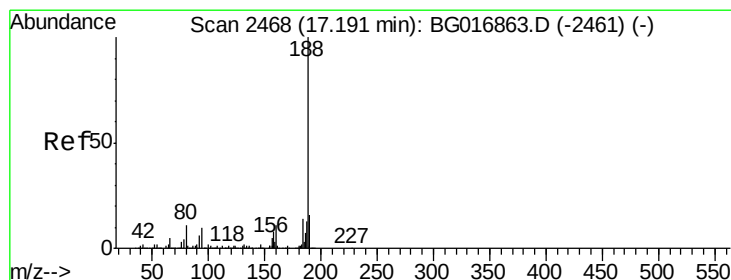
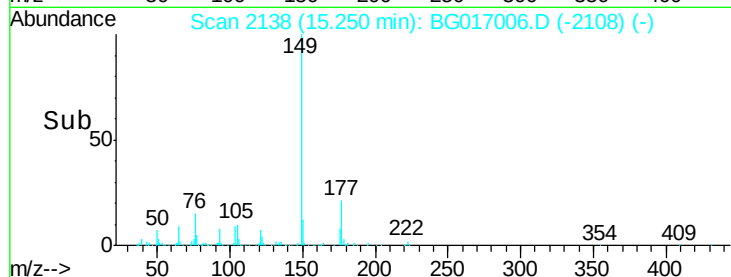
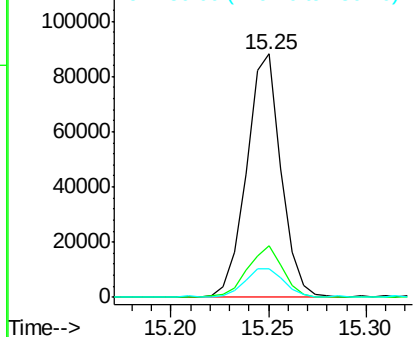
#59  
Diethylphthalate  
Concen: 5.29 ng  
RT: 15.25 min Scan# 2138  
Delta R.T. -0.03 min  
Lab File: BG017006.D  
Acq: 10 May 2015 1:00

Instrument :  
BNA\_G  
ClientSampleId :  
MW-104

Tgt Ion:149 Resp: 107832  
Ion Ratio Lower Upper  
149 100  
177 21.4 18.6 27.8  
150 11.9 9.8 14.8

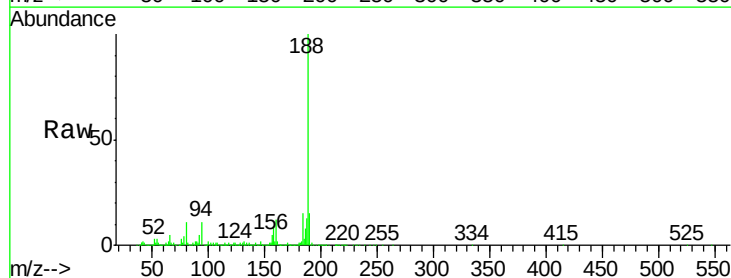


Abundance Ion 149.00 (148.70 to 149.70): E  
Ion 177.00 (176.70 to 177.70): E  
Ion 150.00 (149.70 to 150.70): E

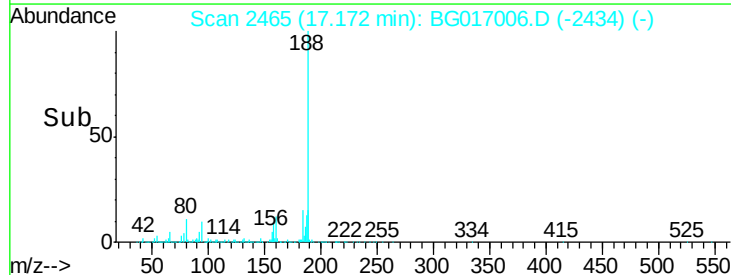
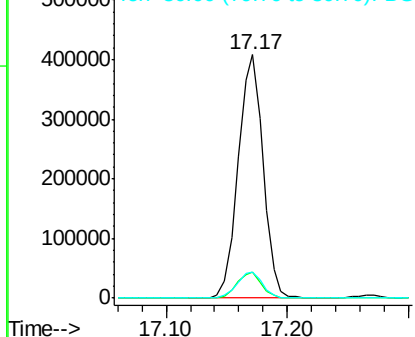


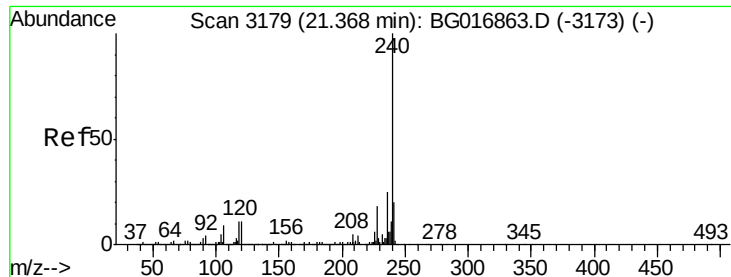
#63  
Phenanthrene-d10  
Concen: 20.00 ng  
RT: 17.17 min Scan# 2465  
Delta R.T. -0.02 min  
Lab File: BG017006.D  
Acq: 10 May 2015 1:00

Tgt Ion:188 Resp: 586209  
Ion Ratio Lower Upper  
188 100  
94 10.7 8.2 12.4  
80 10.8 8.8 13.2



Abundance Ion 188.00 (187.70 to 188.70): E  
Ion 94.00 (93.70 to 94.70): BG0  
Ion 80.00 (79.70 to 80.70): BG0





#75

Chrysene-d12

Concen: 20.00 ng

RT: 21.34 min Scan# 3175

Delta R.T. -0.03 min

Lab File: BG017006.D

Acq: 10 May 2015 1:00

Instrument :

BNA\_G

ClientSampled :

MW-104

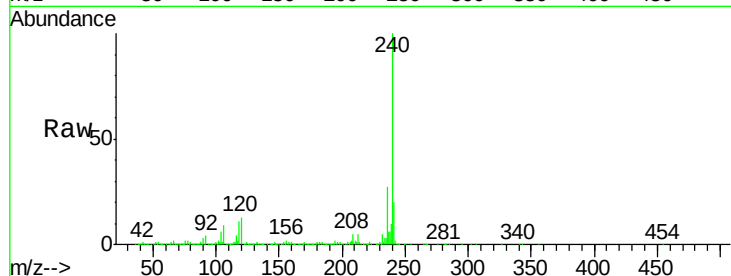
Tgt Ion:240 Resp: 586648

Ion Ratio Lower Upper

240 100

120 12.8 9.1 13.7

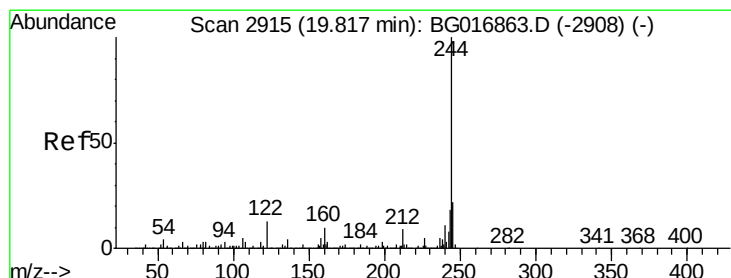
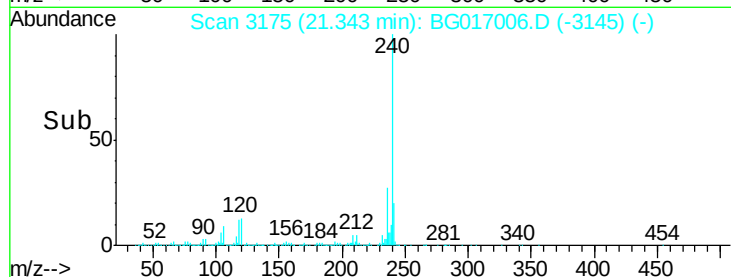
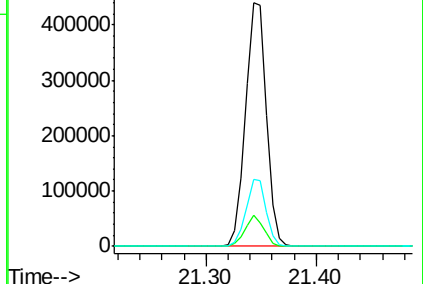
236 27.3 20.2 30.4



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: 64.41 ng

RT: 19.80 min Scan# 2912

Delta R.T. -0.02 min

Lab File: BG017006.D

Acq: 10 May 2015 1:00

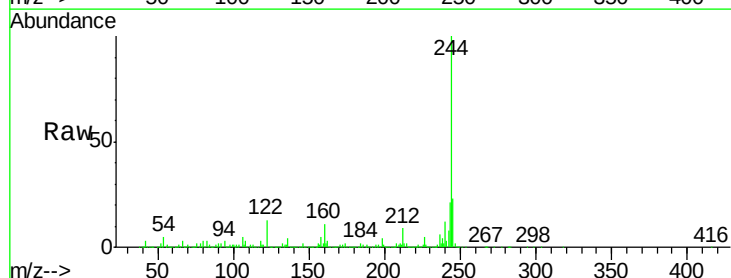
Tgt Ion:244 Resp: 1611873

Ion Ratio Lower Upper

244 100

212 9.0 7.0 10.6

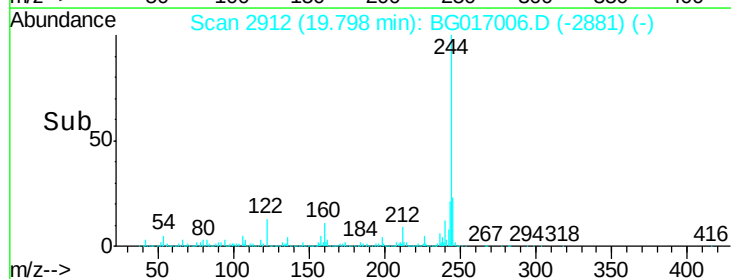
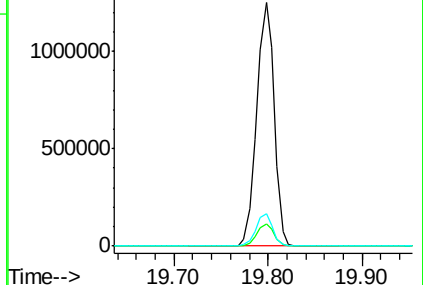
122 13.4 10.4 15.6



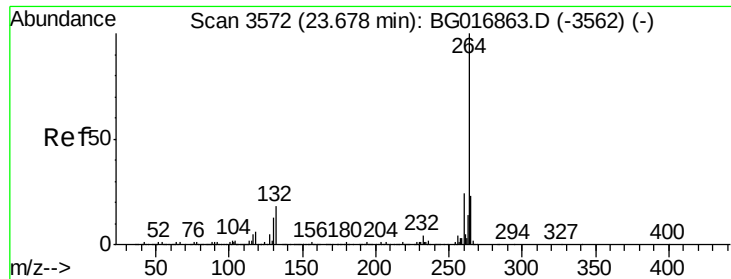
Abundance Ion 244.00 (243.70 to 244.70): E

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: 23.64 min Scan# 3566  
Delta R.T. -0.04 min  
Lab File: BG017006.D  
Acq: 10 May 2015 1:00

Instrument :  
BNA\_G  
ClientSampleId :  
MW-104

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 264     | 100   |       |       |
| 260     | 22.6  | 19.5  | 29.3  |
| 265     | 21.9  | 18.5  | 27.7  |

