

Data Path : Z:\HPCHEM1\BNA\_G\DATA\BG041315\  
 Data File : BG016363.D  
 Acq On : 13 Apr 2015 16:42  
 Operator : TP/IZ  
 Sample : G1744-08  
 Misc :  
 ALS Vial : 6 Sample Multiplier: 1

Instrument :  
 BNA\_G  
 ClientSampleId :  
 TD-4

Quant Time: Apr 14 03:22:26 2015  
 Quant Method : Z:\HPCHEM1\BNA\_G\METHODS\8270-BG040615.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Tue Apr 14 02:12:07 2015  
 Response via : Initial Calibration

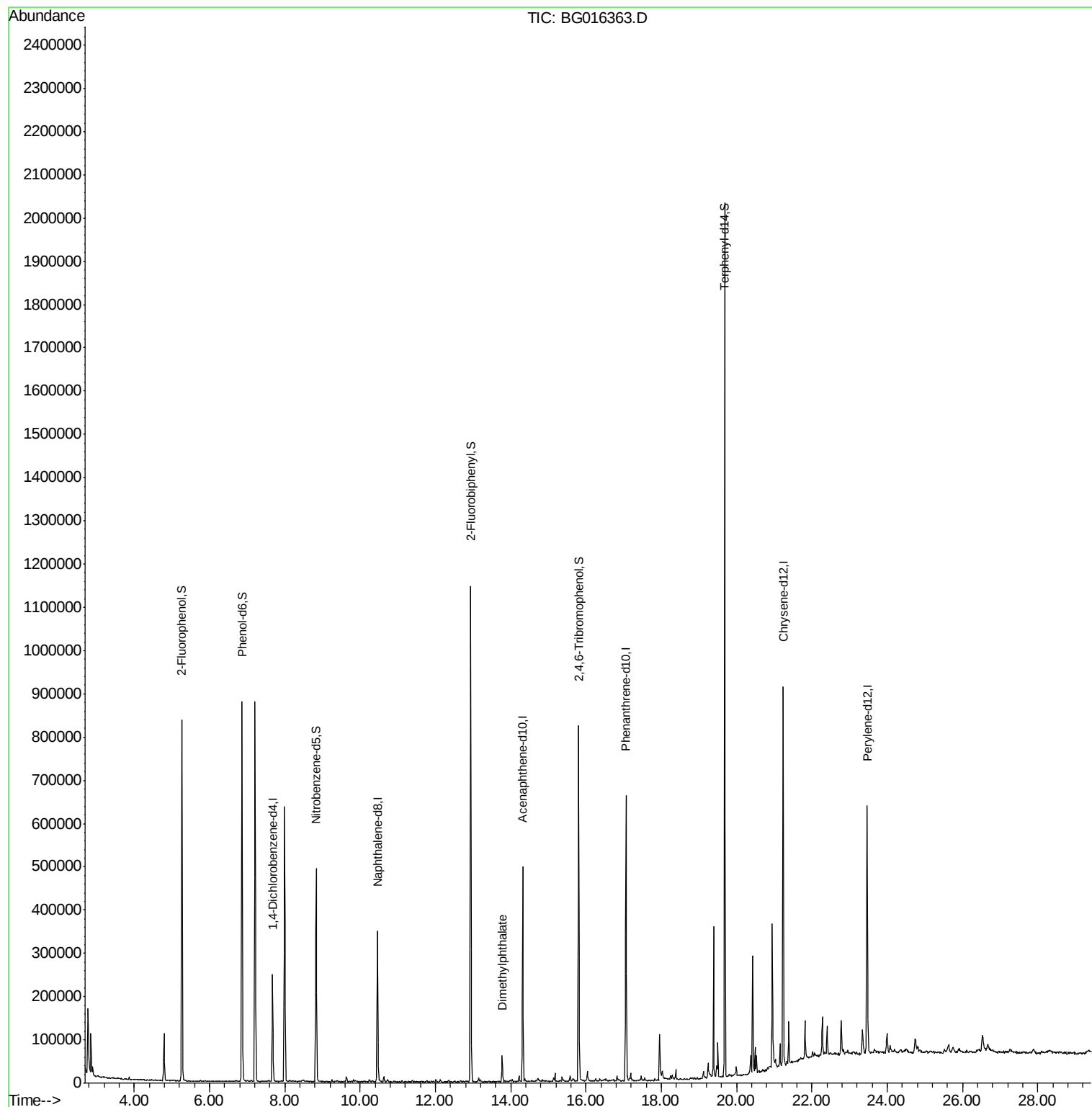
| Internal Standards          | R.T.  | QIon | Response | Conc   | Units | Dev(Min)     |
|-----------------------------|-------|------|----------|--------|-------|--------------|
| 1) 1,4-Dichlorobenzene-d4   | 7.68  | 152  | 65835    | 20.00  | ng    | 0.00         |
| 21) Naphthalene-d8          | 10.46 | 136  | 286197   | 20.00  | ng    | 0.00         |
| 38) Acenaphthene-d10        | 14.32 | 164  | 160142   | 20.00  | ng    | 0.00         |
| 63) Phenanthrene-d10        | 17.06 | 188  | 348919   | 20.00  | ng    | 0.00         |
| 75) Chrysene-d12            | 21.24 | 240  | 341664   | 20.00  | ng    | 0.00         |
| 86) Perylene-d12            | 23.47 | 264  | 321522   | 20.00  | ng    | 0.00         |
| System Monitoring Compounds |       |      |          |        |       |              |
| 5) 2-Fluorophenol           | 5.27  | 112  | 400982   | 96.12  | ng    | 0.01         |
| 7) Phenol-d6                | 6.86  | 99   | 560372   | 89.48  | ng    | 0.00         |
| 23) Nitrobenzene-d5         | 8.83  | 82   | 289609   | 58.62  | ng    | 0.00         |
| 41) 2,4,6-Tribromophenol    | 15.81 | 330  | 113486   | 104.79 | ng    | 0.00         |
| 44) 2-Fluorobiphenyl        | 12.93 | 172  | 569553   | 60.55  | ng    | 0.00         |
| 78) Terphenyl-d14           | 19.69 | 244  | 742256   | 50.85  | ng    | 0.00         |
| Target Compounds            |       |      |          |        |       |              |
| 49) Dimethylphthalate       | 13.77 | 163  | 39629    | 3.38   | ng    | Qvalue<br>98 |

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

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Misc :  
ALS Vial : 6 Sample Multiplier: 1

Instrument :  
BNA\_G  
ClientSampleId :  
TD-4

Quant Time: Apr 14 03:22:26 2015  
Quant Method : Z:\HPCHEM1\BNA\_G\METHODS\8270-BG040615.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
QLast Update : Tue Apr 14 02:12:07 2015  
Response via : Initial Calibration

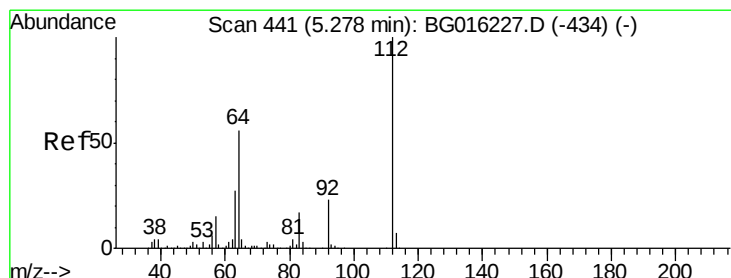
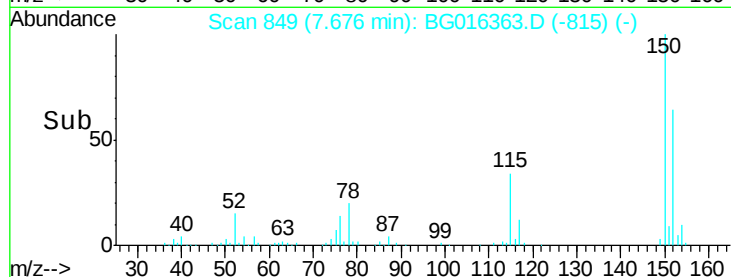
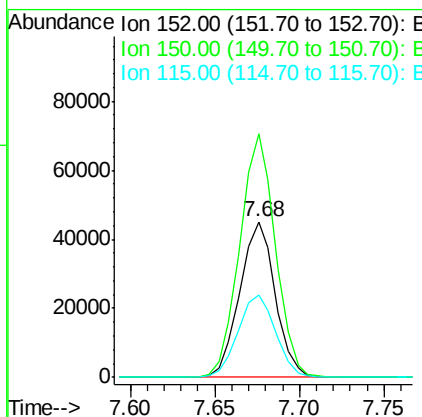
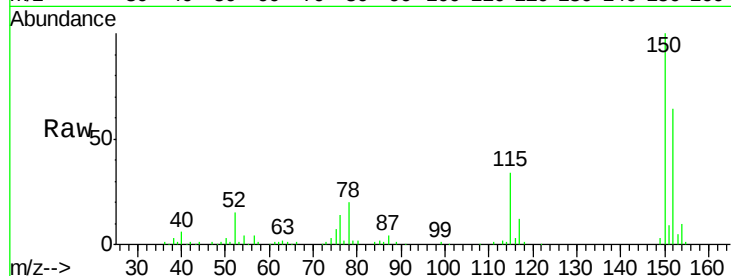




#1  
 1,4-Dichlorobenzene-d4  
 Concen: 20.00 ng  
 RT: 7.68 min Scan# 849  
 Delta R.T. 0.00 min  
 Lab File: BG016363.D  
 Acq: 13 Apr 2015 16:42

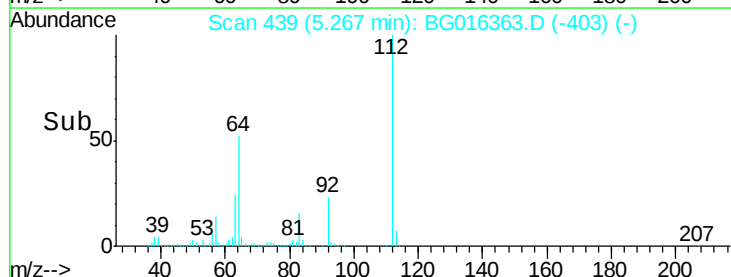
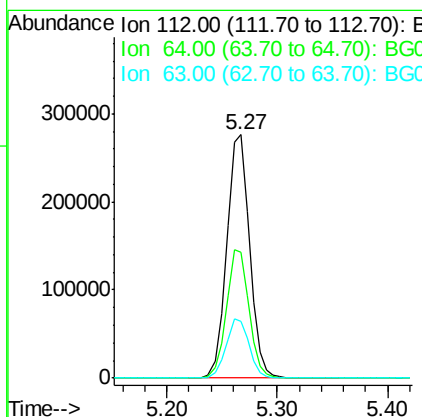
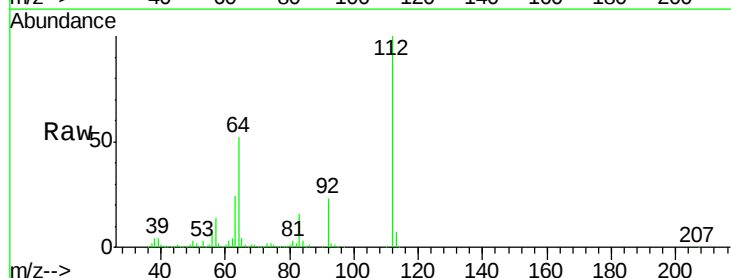
Instrument :  
 BNA\_G  
 ClientSampleId :  
 TD-4

Tgt Ion:152 Resp: 65835  
 Ion Ratio Lower Upper  
 152 100  
 150 156.8 130.1 195.1  
 115 52.9 50.5 75.7



#5  
 2-Fluorophenol  
 Concen: 96.12 ng  
 RT: 5.27 min Scan# 439  
 Delta R.T. 0.01 min  
 Lab File: BG016363.D  
 Acq: 13 Apr 2015 16:42

Tgt Ion:112 Resp: 400982  
 Ion Ratio Lower Upper  
 112 100  
 64 51.9 44.5 66.7  
 63 23.5 21.4 32.0





#7

Phenol-d6

Concen: 89.48 ng

RT: 6.86 min Scan# 710

Delta R.T. 0.00 min

Lab File: BG016363.D

Acq: 13 Apr 2015 16:42

Instrument :

BNA\_G

ClientSampled :

TD-4

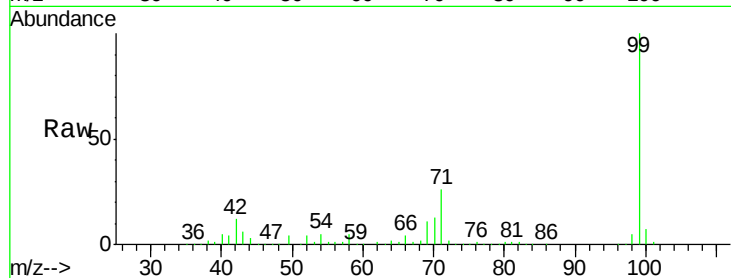
Tgt Ion: 99 Resp: 560372

Ion Ratio Lower Upper

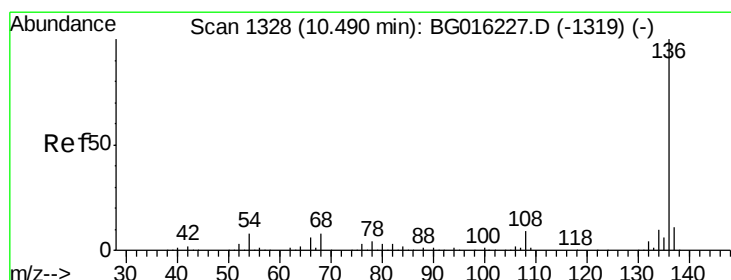
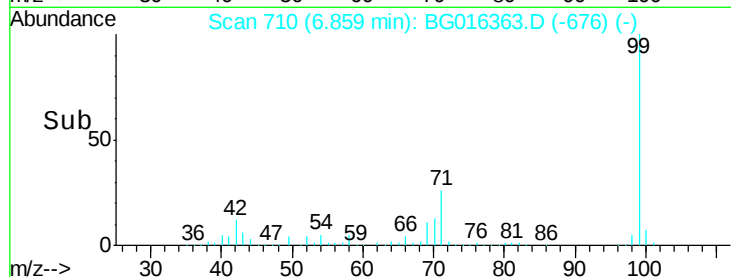
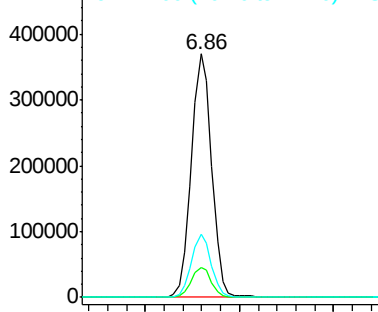
99 100

42 12.2 10.0 15.0

71 26.1 21.5 32.3



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: 10.46 min Scan# 1323

Delta R.T. 0.00 min

Lab File: BG016363.D

Acq: 13 Apr 2015 16:42

Tgt Ion: 136 Resp: 286197

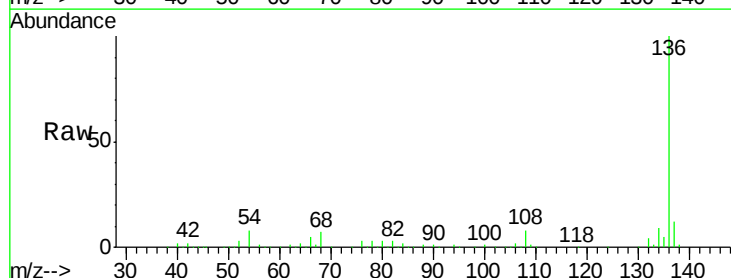
Ion Ratio Lower Upper

136 100

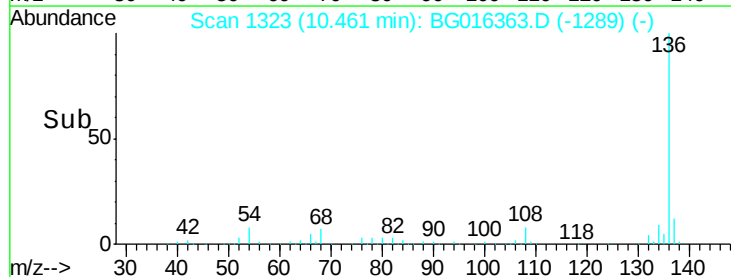
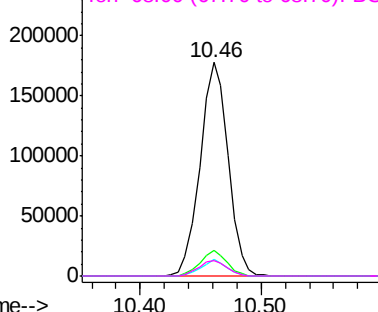
137 11.7 8.7 13.1

54 7.7 6.3 9.5

68 7.3 6.5 9.7



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

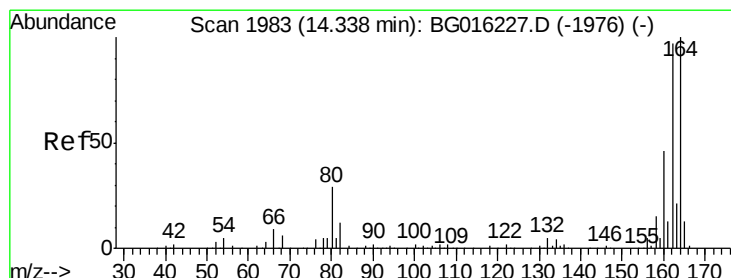
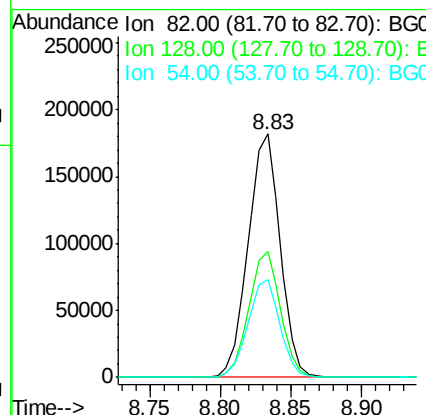
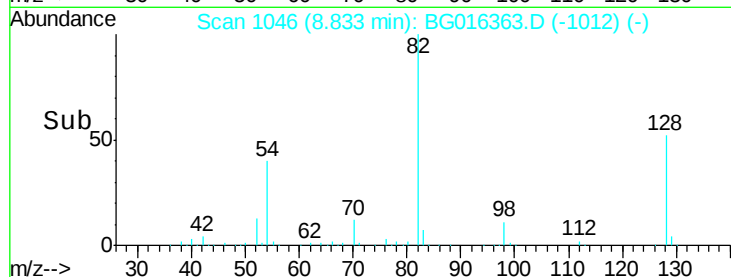
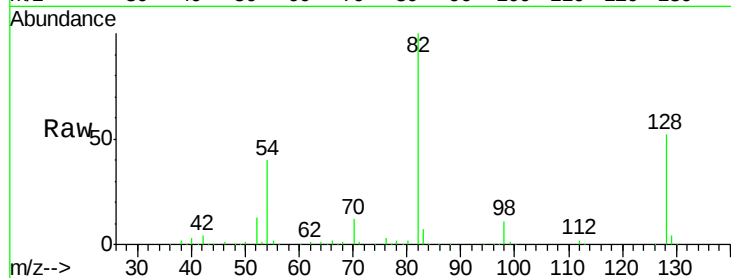




#23  
 Nitrobenzene-d5  
 Concen: 58.62 ng  
 RT: 8.83 min Scan# 1046  
 Delta R.T. 0.00 min  
 Lab File: BG016363.D  
 Acq: 13 Apr 2015 16:42

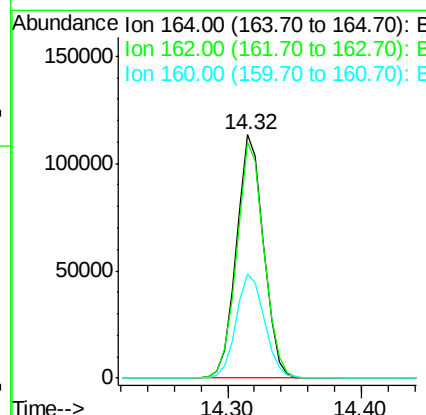
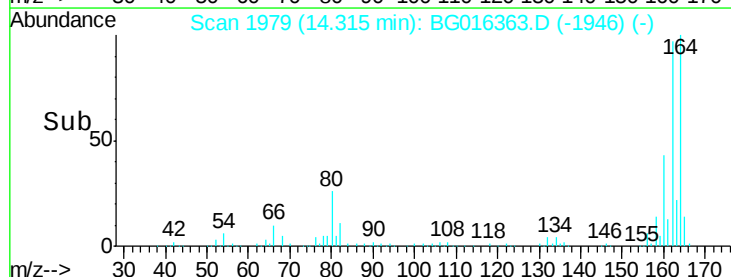
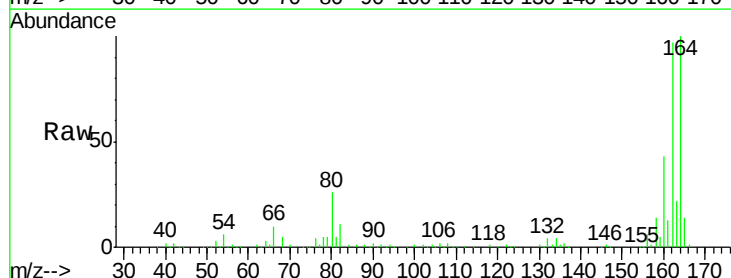
Instrument :  
 BNA\_G  
 ClientSampled :  
 TD-4

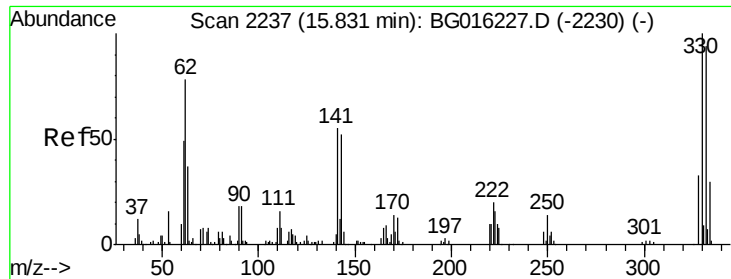
| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 82      | 100   |       |       |
| 128     | 51.6  | 37.8  | 56.8  |
| 54      | 40.2  | 32.6  | 49.0  |



#38  
 Acenaphthene-d10  
 Concen: 20.00 ng  
 RT: 14.32 min Scan# 1979  
 Delta R.T. -0.01 min  
 Lab File: BG016363.D  
 Acq: 13 Apr 2015 16:42

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 164     | 100   |       |       |
| 162     | 96.7  | 77.3  | 115.9 |
| 160     | 42.8  | 36.7  | 55.1  |

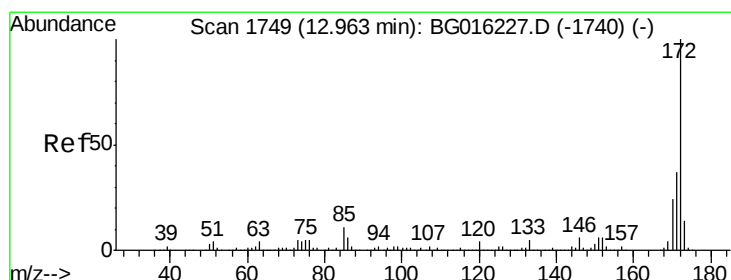
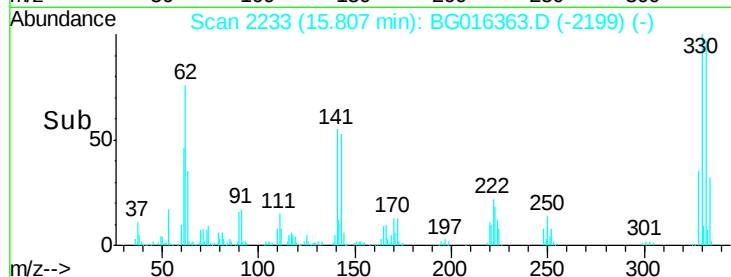
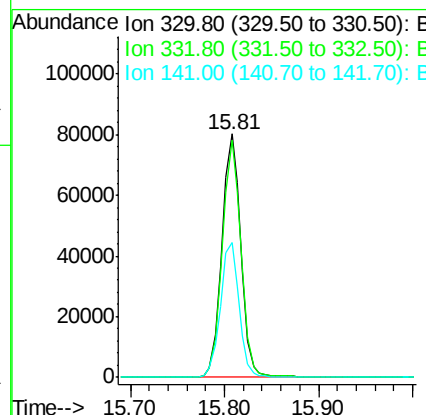
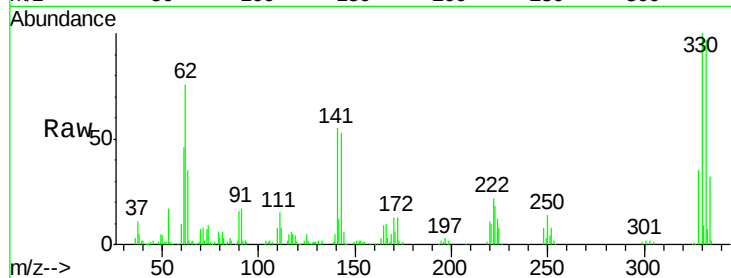




#41  
 2,4,6-Tribromophenol  
 Concen: 104.79 ng  
 RT: 15.81 min Scan# 2233  
 Delta R.T. 0.00 min  
 Lab File: BG016363.D  
 Acq: 13 Apr 2015 16:42

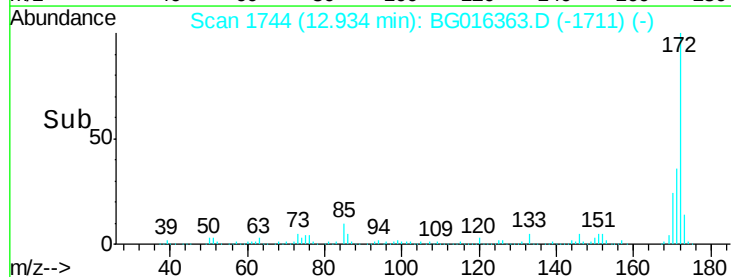
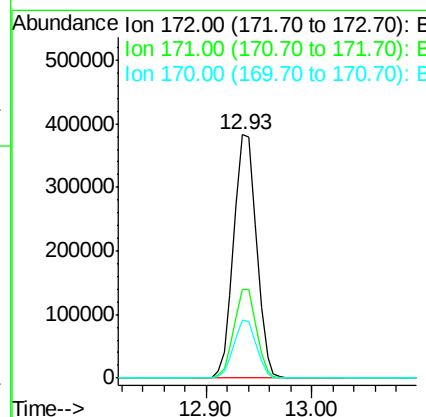
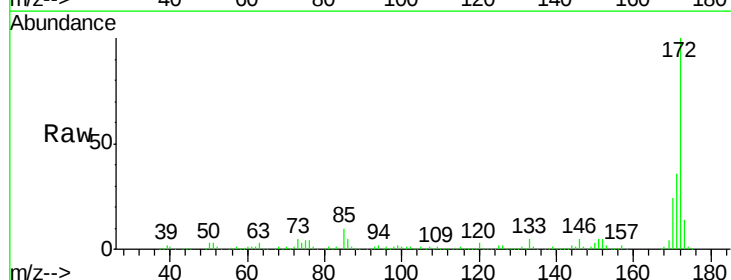
Instrument :  
 BNA\_G  
 ClientSampleId :  
 TD-4

Tgt Ion: 330 Resp: 113486  
 Ion Ratio Lower Upper  
 330 100  
 332 95.9 75.8 113.6  
 141 54.3 46.6 69.8



#44  
 2-Fluorobiphenyl  
 Concen: 60.55 ng  
 RT: 12.93 min Scan# 1744  
 Delta R.T. -0.01 min  
 Lab File: BG016363.D  
 Acq: 13 Apr 2015 16:42

Tgt Ion: 172 Resp: 569553  
 Ion Ratio Lower Upper  
 172 100  
 171 36.3 29.6 44.4  
 170 24.0 19.4 29.2





#49

Dimethylphthalate

Concen: 3.38 ng

RT: 13.77 min Scan# 1887

Delta R.T. -0.01 min

Lab File: BG016363.D

Acq: 13 Apr 2015 16:42

Instrument :

BNA\_G

ClientSampleId :

TD-4

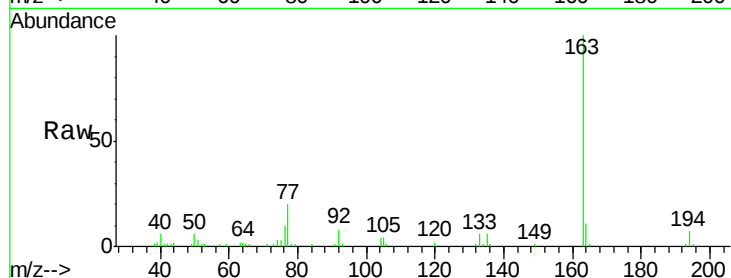
Tgt Ion:163 Resp: 39629

Ion Ratio Lower Upper

163 100

194 6.7 5.0 7.4

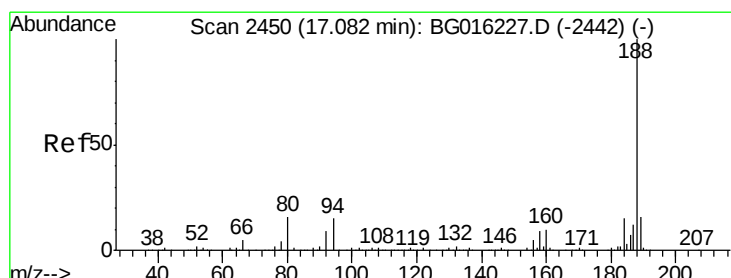
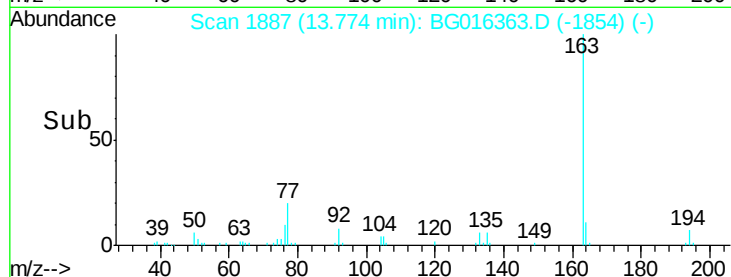
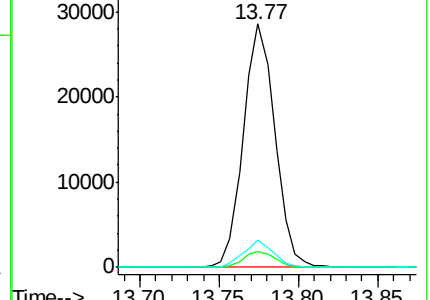
164 11.0 8.2 12.4



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: 17.06 min Scan# 2446

Delta R.T. 0.00 min

Lab File: BG016363.D

Acq: 13 Apr 2015 16:42

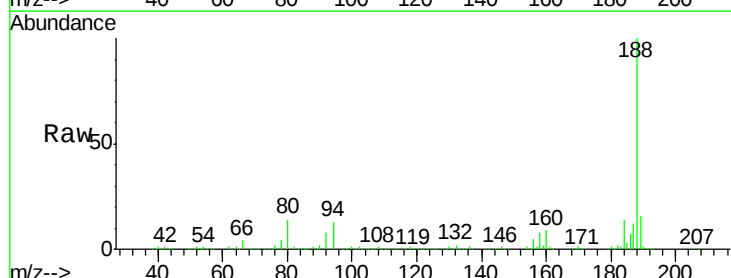
Tgt Ion:188 Resp: 348919

Ion Ratio Lower Upper

188 100

94 13.0 12.2 18.4

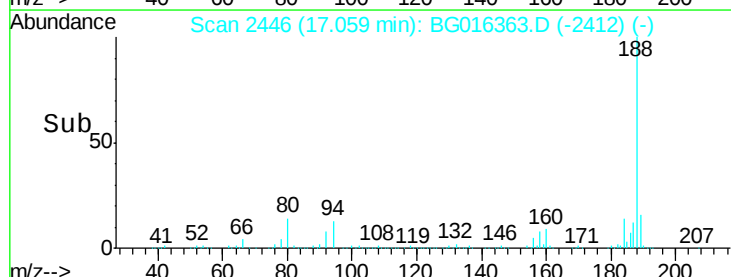
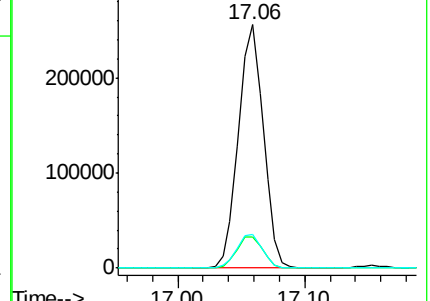
80 13.6 12.8 19.2

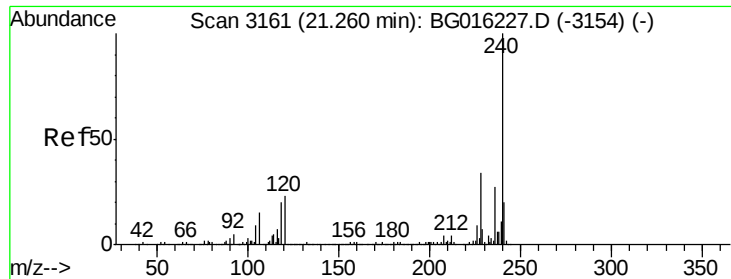


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BGC

Ion 80.00 (79.70 to 80.70): BGC





#75

Chrysene-d12

Concen: 20.00 ng

RT: 21.24 min Scan# 3157

Delta R.T. -0.01 min

Lab File: BG016363.D

Acq: 13 Apr 2015 16:42

Instrument :

BNA\_G

ClientSampleId :

TD-4

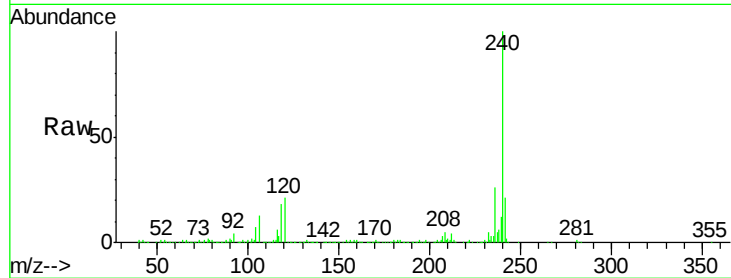
Tgt Ion:240 Resp: 341664

Ion Ratio Lower Upper

240 100

120 20.7 18.6 28.0

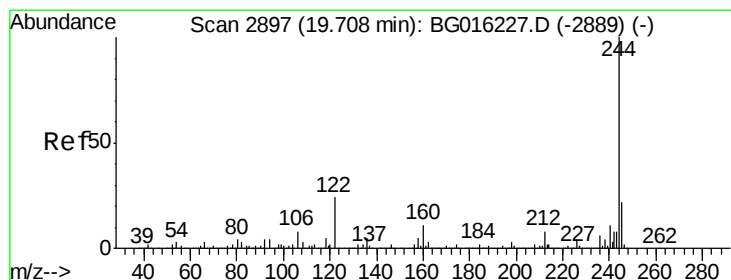
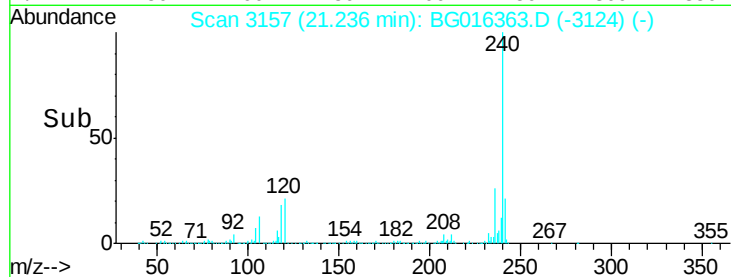
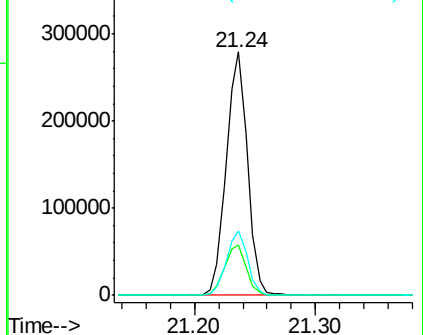
236 26.3 21.7 32.5



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: 50.85 ng

RT: 19.69 min Scan# 2893

Delta R.T. -0.01 min

Lab File: BG016363.D

Acq: 13 Apr 2015 16:42

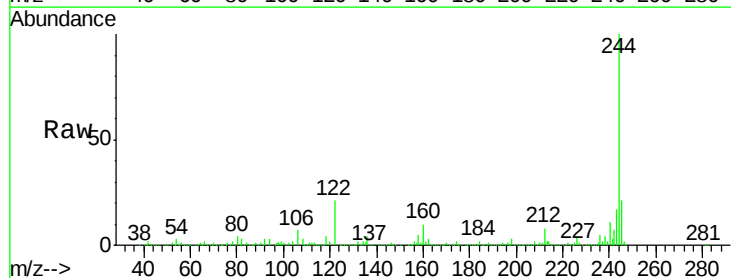
Tgt Ion:244 Resp: 742256

Ion Ratio Lower Upper

244 100

212 8.0 6.6 9.8

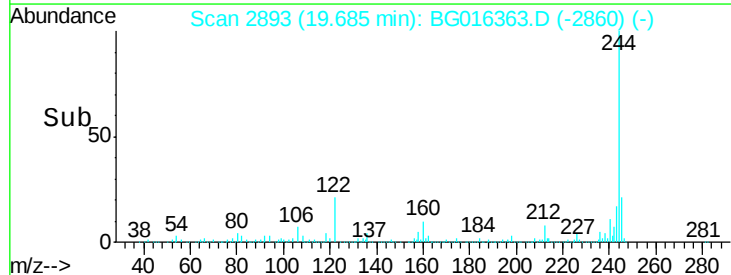
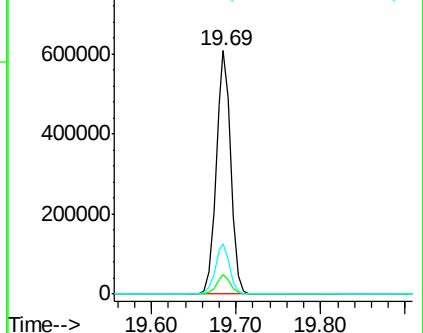
122 20.9 19.1 28.7

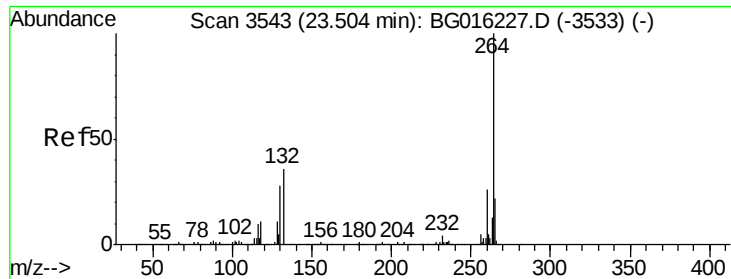


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

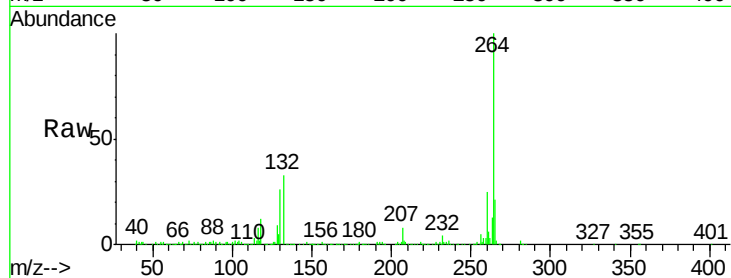




#86  
Perylene-d12  
Concen: 20.00 ng  
RT: 23.47 min Scan# 3537  
Delta R.T. 0.00 min  
Lab File: BG016363.D  
Acq: 13 Apr 2015 16:42

Instrument :  
BNA\_G  
ClientSampleId :  
TD-4

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 264     | 100   |       |       |
| 260     | 25.5  | 20.4  | 30.6  |
| 265     | 21.4  | 17.2  | 25.8  |



Abundance

Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E

