

Data Path : Z:\HPCHEM1\BNA\_G\Data\BG041315\  
 Data File : BG016389.D  
 Acq On : 14 Apr 2015 9:30  
 Operator : TP/IZ  
 Sample : G1744-07  
 Misc :  
 ALS Vial : 29 Sample Multiplier: 1

Instrument :  
 BNA\_G  
 ClientSampleId :  
 TD-3

Quant Time: Apr 14 14:31:19 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 14:00:56 2015  
 Response via : Initial Calibration

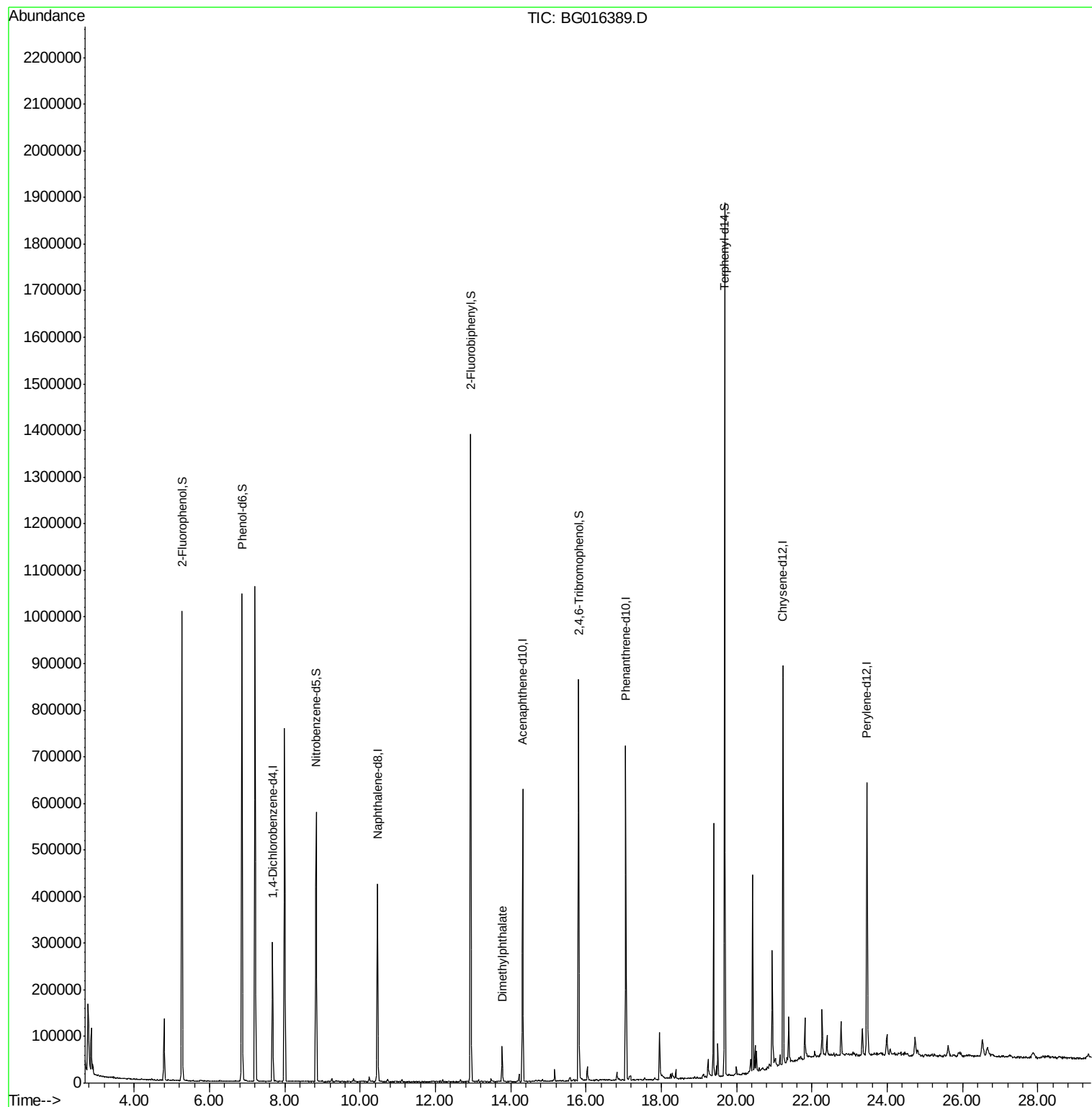
| Internal Standards          | R.T.  | QIon | Response | Conc  | Units | Dev(Min)     |
|-----------------------------|-------|------|----------|-------|-------|--------------|
| 1) 1,4-Dichlorobenzene-d4   | 7.68  | 152  | 80842    | 20.00 | ng    | 0.00         |
| 21) Naphthalene-d8          | 10.46 | 136  | 356390   | 20.00 | ng    | 0.00         |
| 38) Acenaphthene-d10        | 14.32 | 164  | 197626   | 20.00 | ng    | 0.00         |
| 63) Phenanthrene-d10        | 17.05 | 188  | 393660   | 20.00 | ng    | 0.00         |
| 75) Chrysene-d12            | 21.24 | 240  | 343181   | 20.00 | ng    | 0.00         |
| 86) Perylene-d12            | 23.47 | 264  | 323876   | 20.00 | ng    | 0.00         |
| System Monitoring Compounds |       |      |          |       |       |              |
| 5) 2-Fluorophenol           | 5.27  | 112  | 482394   | 94.17 | ng    | 0.00         |
| 7) Phenol-d6                | 6.86  | 99   | 681855   | 88.67 | ng    | 0.00         |
| 23) Nitrobenzene-d5         | 8.83  | 82   | 349324   | 56.78 | ng    | 0.00         |
| 41) 2,4,6-Tribromophenol    | 15.81 | 330  | 120530   | 90.18 | ng    | 0.00         |
| 44) 2-Fluorobiphenyl        | 12.93 | 172  | 663550   | 57.17 | ng    | 0.00         |
| 78) Terphenyl-d14           | 19.69 | 244  | 729008   | 49.72 | ng    | 0.00         |
| Target Compounds            |       |      |          |       |       |              |
| 49) Dimethylphthalate       | 13.77 | 163  | 48022    | 3.32  | ng    | Qvalue<br>97 |

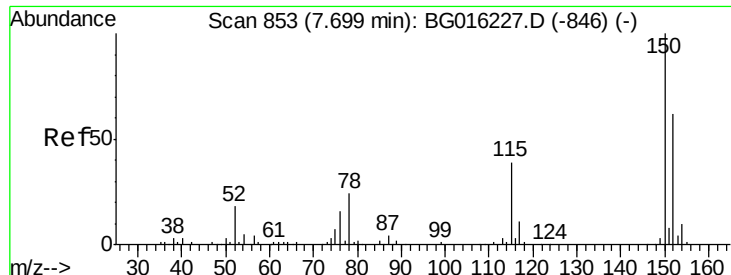
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
QLast Update : Tue Apr 14 14:00:56 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: BG016389.D

Acq: 14 Apr 2015 9:30

Instrument :

BNA\_G

ClientSampleId :

TD-3

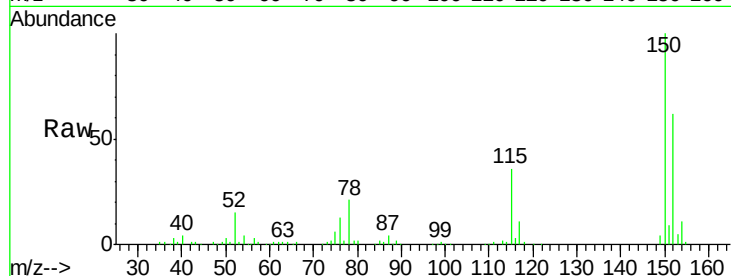
Tgt Ion:152 Resp: 80842

Ion Ratio Lower Upper

152 100

150 161.4 130.1 195.1

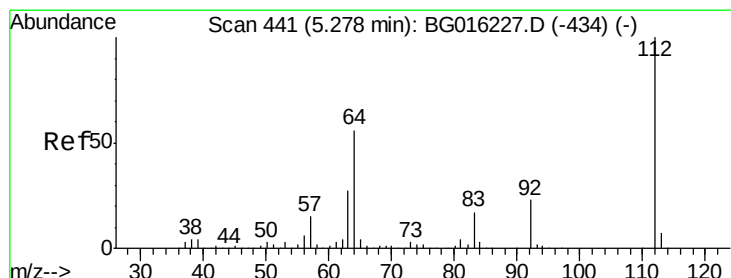
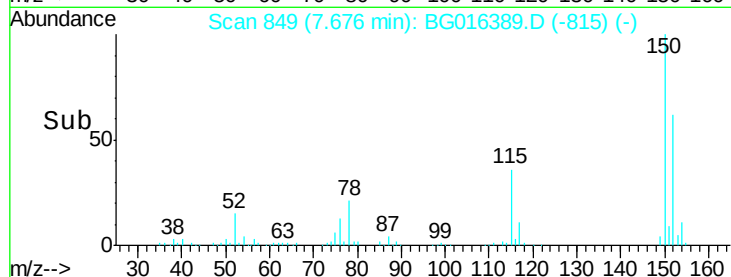
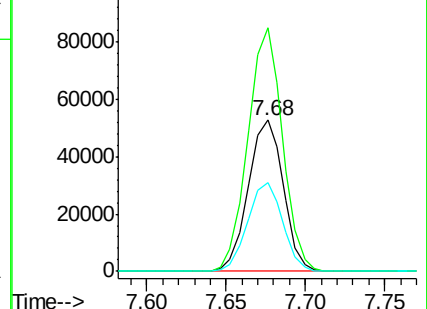
115 58.7 50.5 75.7



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: 94.17 ng

RT: 5.27 min Scan# 439

Delta R.T. 0.00 min

Lab File: BG016389.D

Acq: 14 Apr 2015 9:30

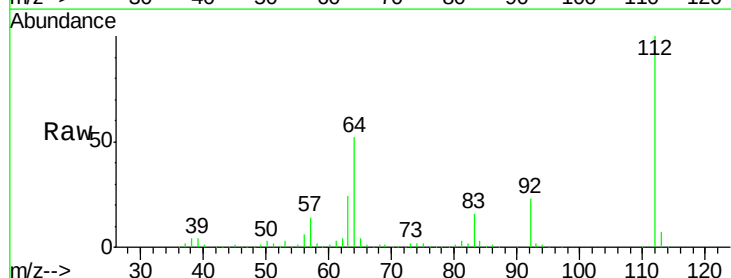
Tgt Ion:112 Resp: 482394

Ion Ratio Lower Upper

112 100

64 52.0 44.5 66.7

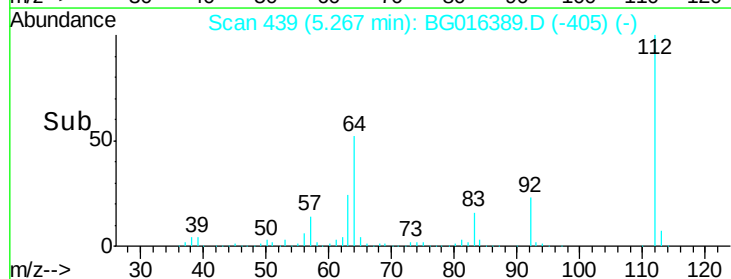
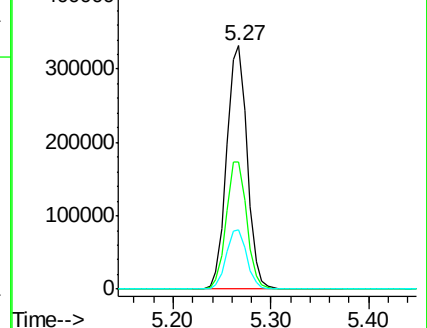
63 24.4 21.4 32.0

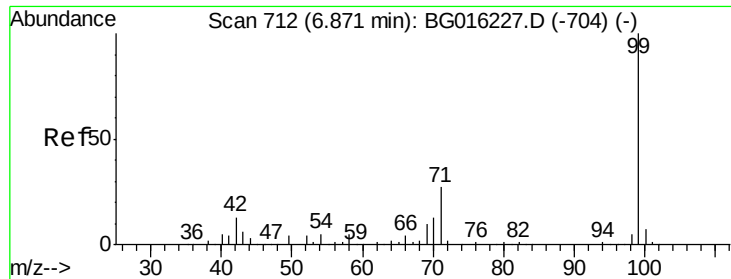


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC





#7

Phenol-d6

Concen: 88.67 ng

RT: 6.86 min Scan# 710

Delta R.T. -0.00 min

Lab File: BG016389.D

Acq: 14 Apr 2015 9:30

Instrument :

BNA\_G

ClientSampleId :

TD-3

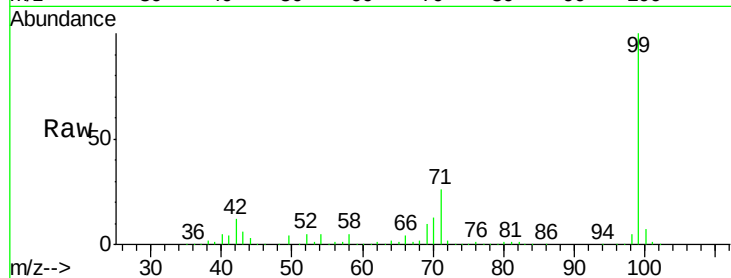
Tgt Ion: 99 Resp: 681855

Ion Ratio Lower Upper

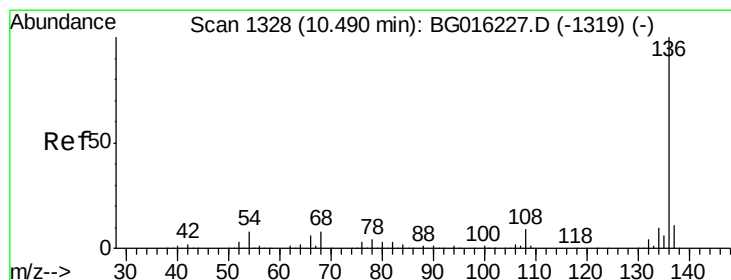
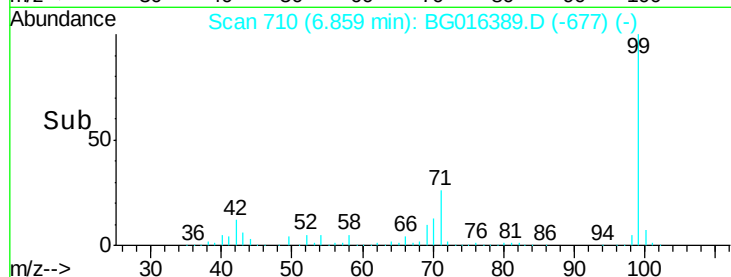
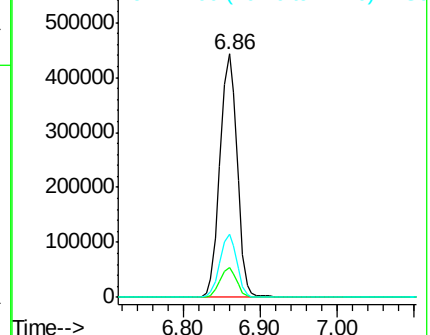
99 100

42 12.3 10.0 15.0

71 25.9 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: BG016389.D

Acq: 14 Apr 2015 9:30

Tgt Ion: 136 Resp: 356390

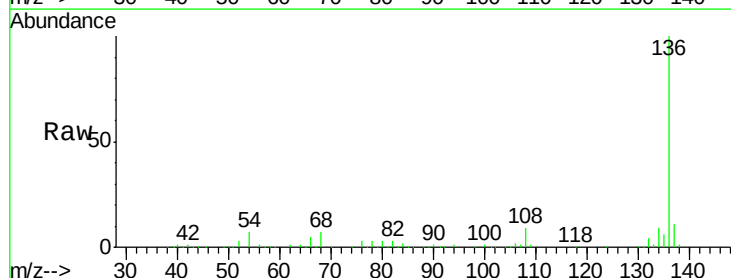
Ion Ratio Lower Upper

136 100

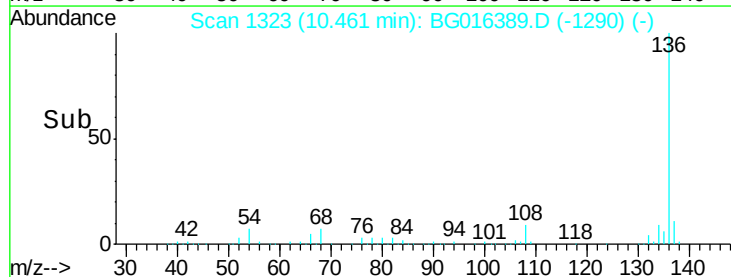
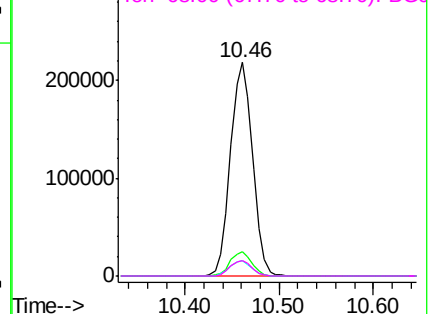
137 11.3 8.7 13.1

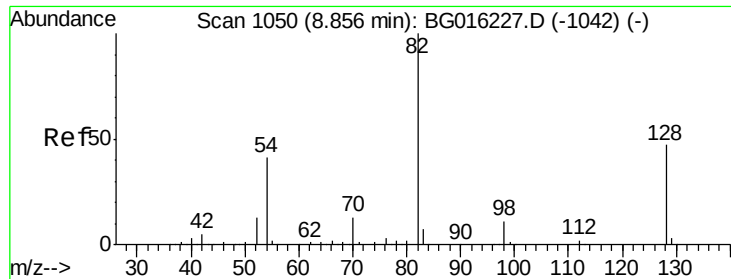
54 7.0 6.3 9.5

68 7.2 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

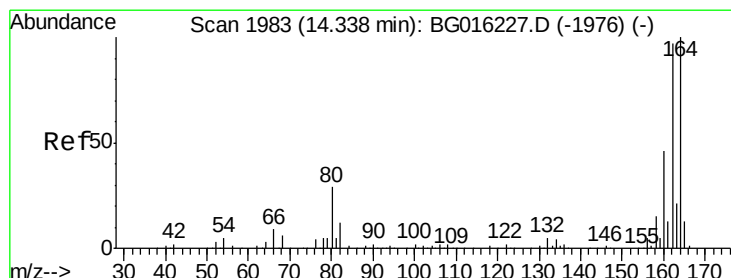
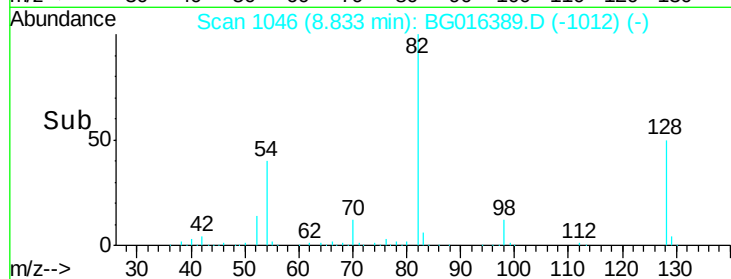
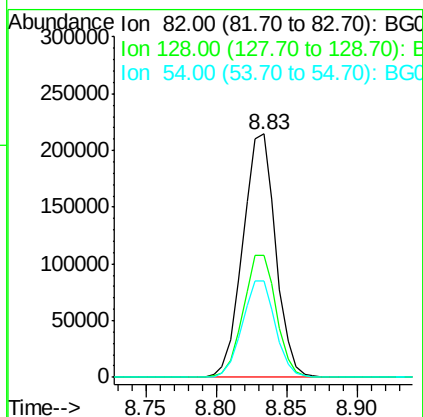
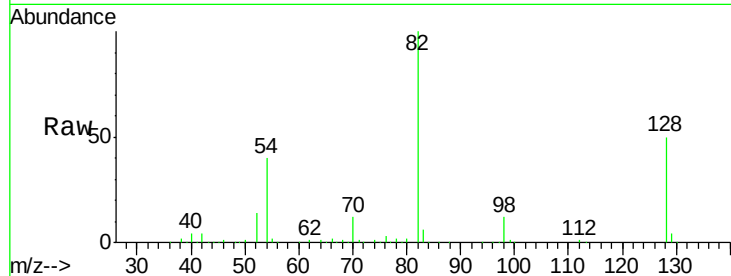




#23  
 Nitrobenzene-d5  
 Concen: 56.78 ng  
 RT: 8.83 min Scan# 1046  
 Delta R.T. -0.00 min  
 Lab File: BG016389.D  
 Acq: 14 Apr 2015 9:30

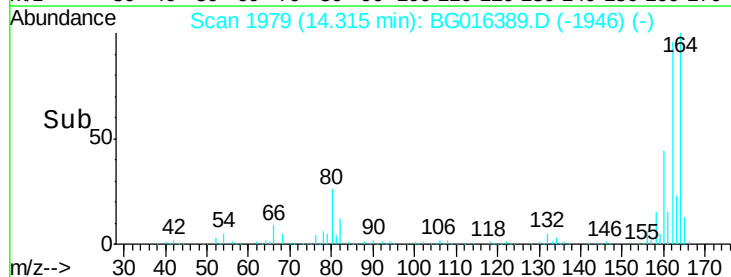
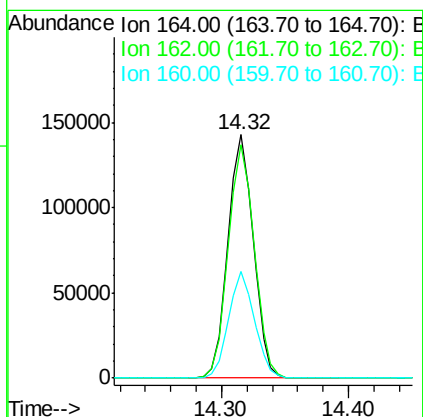
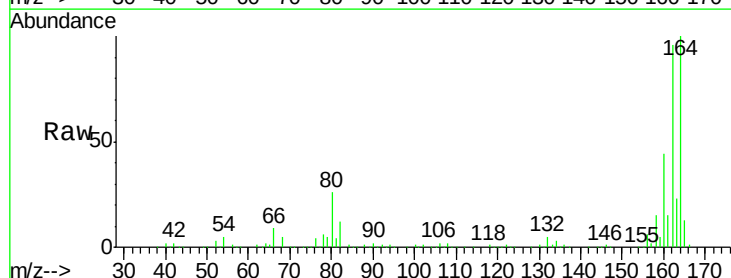
Instrument :  
 BNA\_G  
 ClientSampleID :  
 TD-3

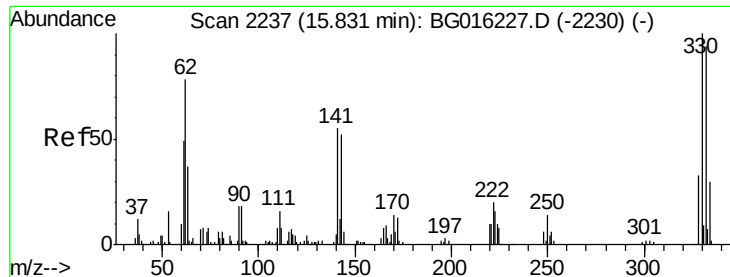
Tgt Ion: 82 Resp: 349324  
 Ion Ratio Lower Upper  
 82 100  
 128 50.0 37.8 56.8  
 54 39.5 32.6 49.0



#38  
 Acenaphthene-d10  
 Concen: 20.00 ng  
 RT: 14.32 min Scan# 1979  
 Delta R.T. -0.00 min  
 Lab File: BG016389.D  
 Acq: 14 Apr 2015 9:30

Tgt Ion: 164 Resp: 197626  
 Ion Ratio Lower Upper  
 164 100  
 162 96.1 77.3 115.9  
 160 43.8 36.7 55.1





#41

2,4,6-Tribromophenol

Concen: 90.18 ng

RT: 15.81 min Scan# 2233

Delta R.T. -0.00 min

Lab File: BG016389.D

Acq: 14 Apr 2015 9:30

Instrument :

BNA\_G

ClientSampleId :

TD-3

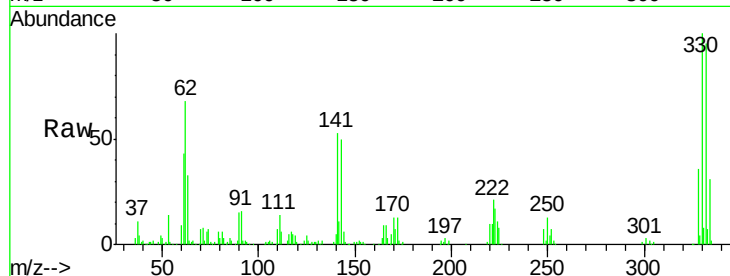
Tgt Ion:330 Resp: 120530

Ion Ratio Lower Upper

330 100

332 94.6 75.8 113.6

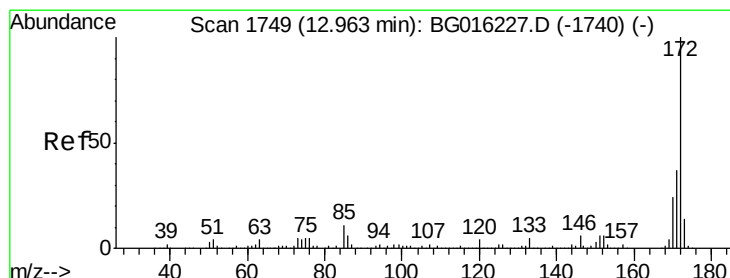
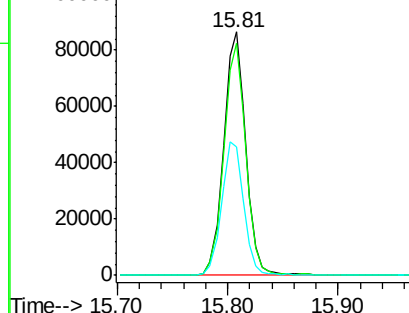
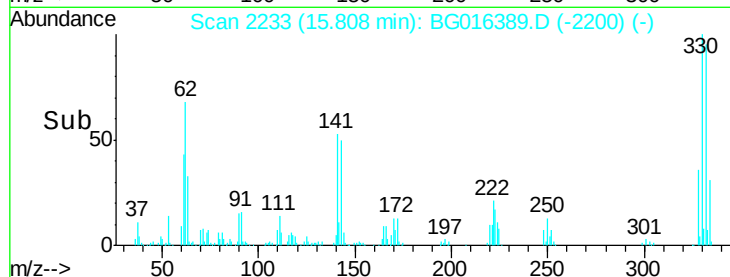
141 55.4 46.6 69.8



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: 57.17 ng

RT: 12.93 min Scan# 1744

Delta R.T. -0.00 min

Lab File: BG016389.D

Acq: 14 Apr 2015 9:30

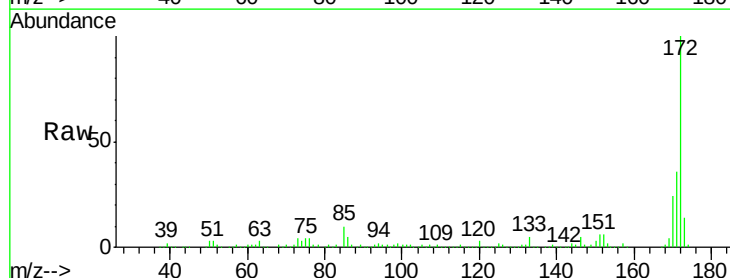
Tgt Ion:172 Resp: 663550

Ion Ratio Lower Upper

172 100

171 36.2 29.6 44.4

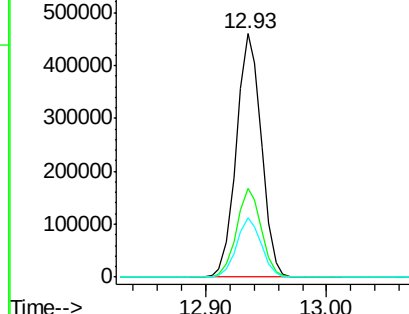
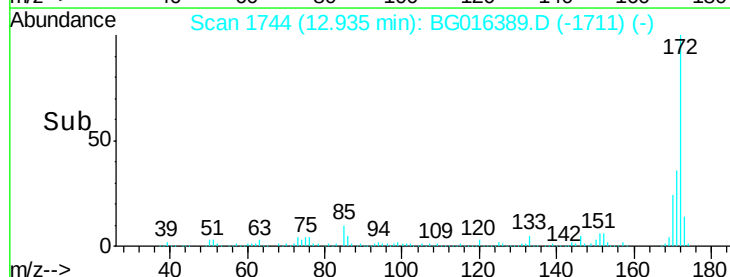
170 24.3 19.4 29.2

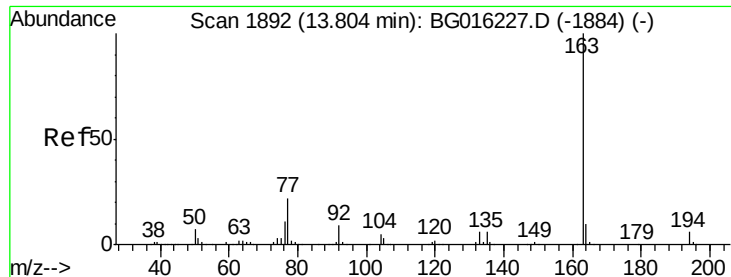


Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E





#49

Dimethylphthalate

Concen: 3.32 ng

RT: 13.77 min Scan# 1887

Delta R.T. -0.01 min

Lab File: BG016389.D

Acq: 14 Apr 2015 9:30

Instrument :

BNA\_G

ClientSampleId :

TD-3

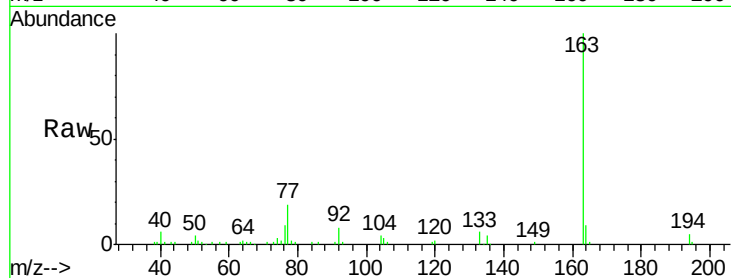
Tgt Ion:163 Resp: 48022

Ion Ratio Lower Upper

163 100

194 5.4 5.0 7.4

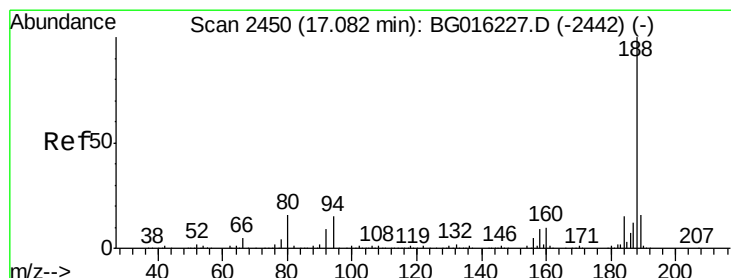
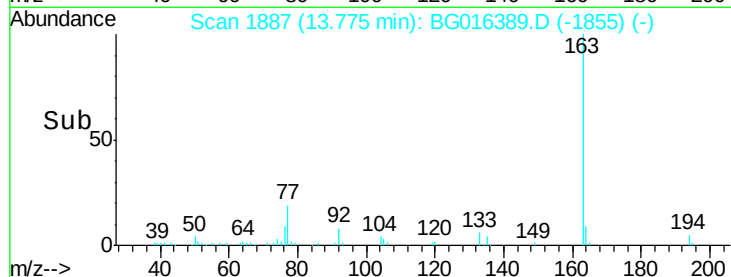
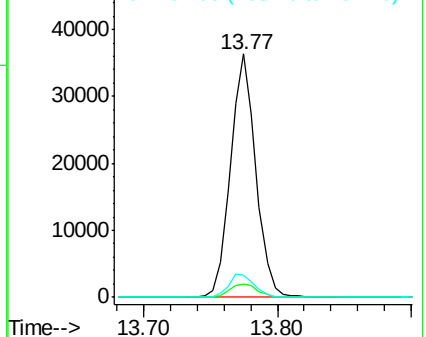
164 9.2 8.2 12.4



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: 17.05 min Scan# 2445

Delta R.T. -0.01 min

Lab File: BG016389.D

Acq: 14 Apr 2015 9:30

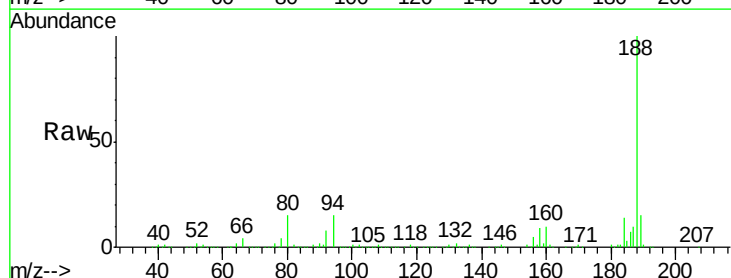
Tgt Ion:188 Resp: 393660

Ion Ratio Lower Upper

188 100

94 15.1 12.2 18.4

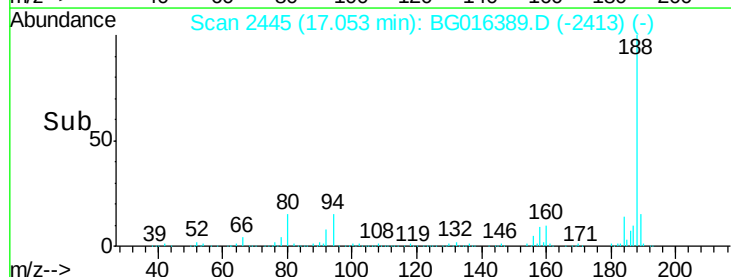
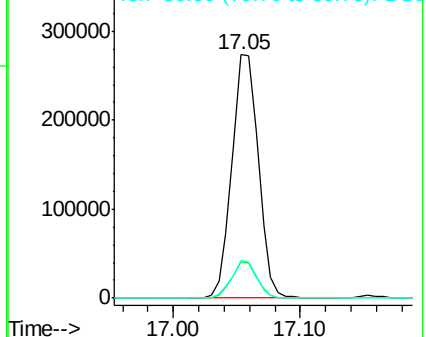
80 15.2 12.8 19.2

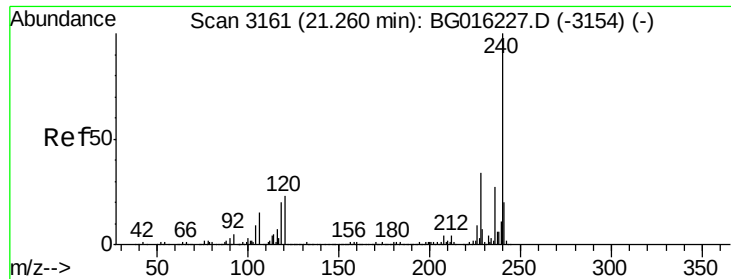


Abundance Ion 188.00 (187.70 to 188.70): E

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: 21.24 min Scan# 3157

Delta R.T. -0.00 min

Lab File: BG016389.D

Acq: 14 Apr 2015 9:30

Instrument :

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ClientSampleId :

TD-3

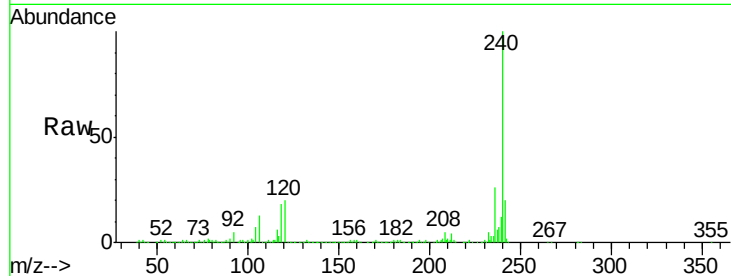
Tgt Ion:240 Resp: 343181

Ion Ratio Lower Upper

240 100

120 20.4 18.6 28.0

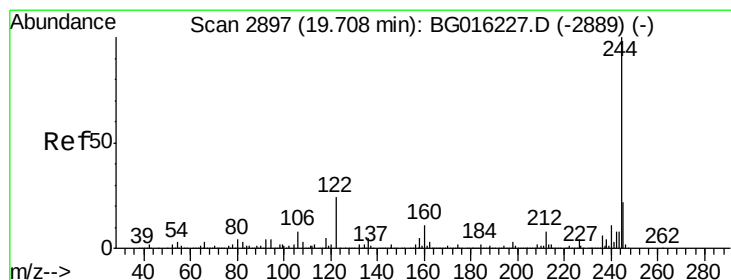
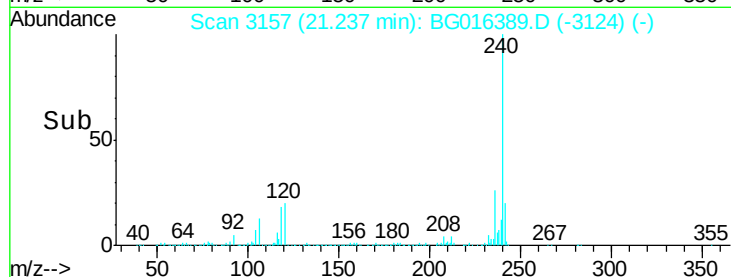
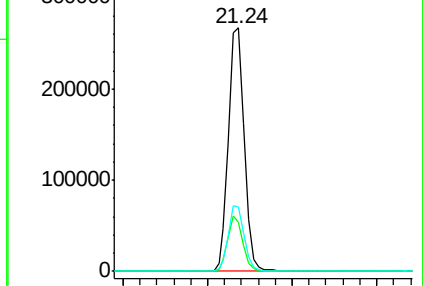
236 26.4 21.7 32.5



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: 49.72 ng

RT: 19.69 min Scan# 2893

Delta R.T. -0.00 min

Lab File: BG016389.D

Acq: 14 Apr 2015 9:30

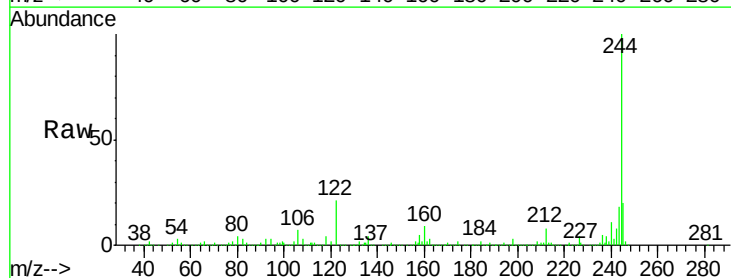
Tgt Ion:244 Resp: 729008

Ion Ratio Lower Upper

244 100

212 7.8 6.6 9.8

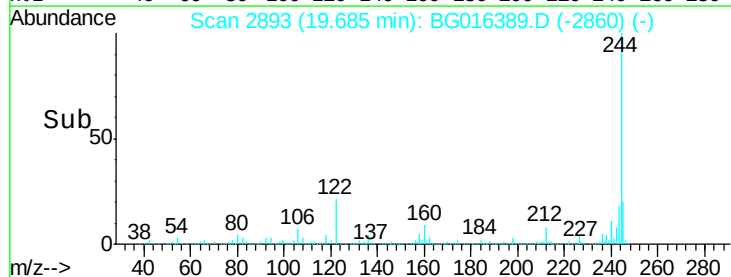
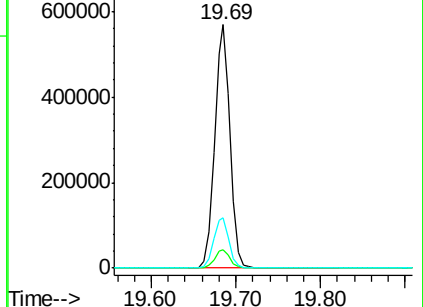
122 20.6 19.1 28.7



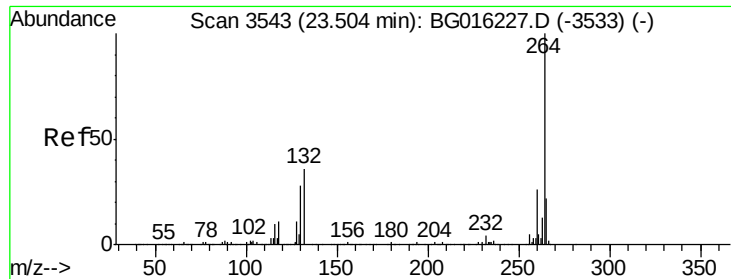
Abundance Ion 244.00 (243.70 to 244.70): E

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: BG016389.D  
Acq: 14 Apr 2015 9:30

Instrument :  
BNA\_G  
ClientSampleId :  
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| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 264     | 100   |       |       |
| 260     | 23.9  | 20.4  | 30.6  |
| 265     | 20.9  | 17.2  | 25.8  |

