

Data Path : Z:\HPCHEM1\BNA\_G\DATA\BG061416\  
 Data File : BG022357.D  
 Acq On : 15 Jun 2016 6:42  
 Operator : UM/SJ  
 Sample : H3492-10  
 Misc :  
 ALS Vial : 23 Sample Multiplier: 1

Instrument :  
 BNA\_G  
 ClientSampleId :  
 SB-03-COMP

Quant Time: Jun 15 07:48:22 2016  
 Quant Method : Z:\HPCHEM1\BNA\_G\METHODS\8270-BG060616.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Mon Jun 13 17:40:23 2016  
 Response via : Initial Calibration

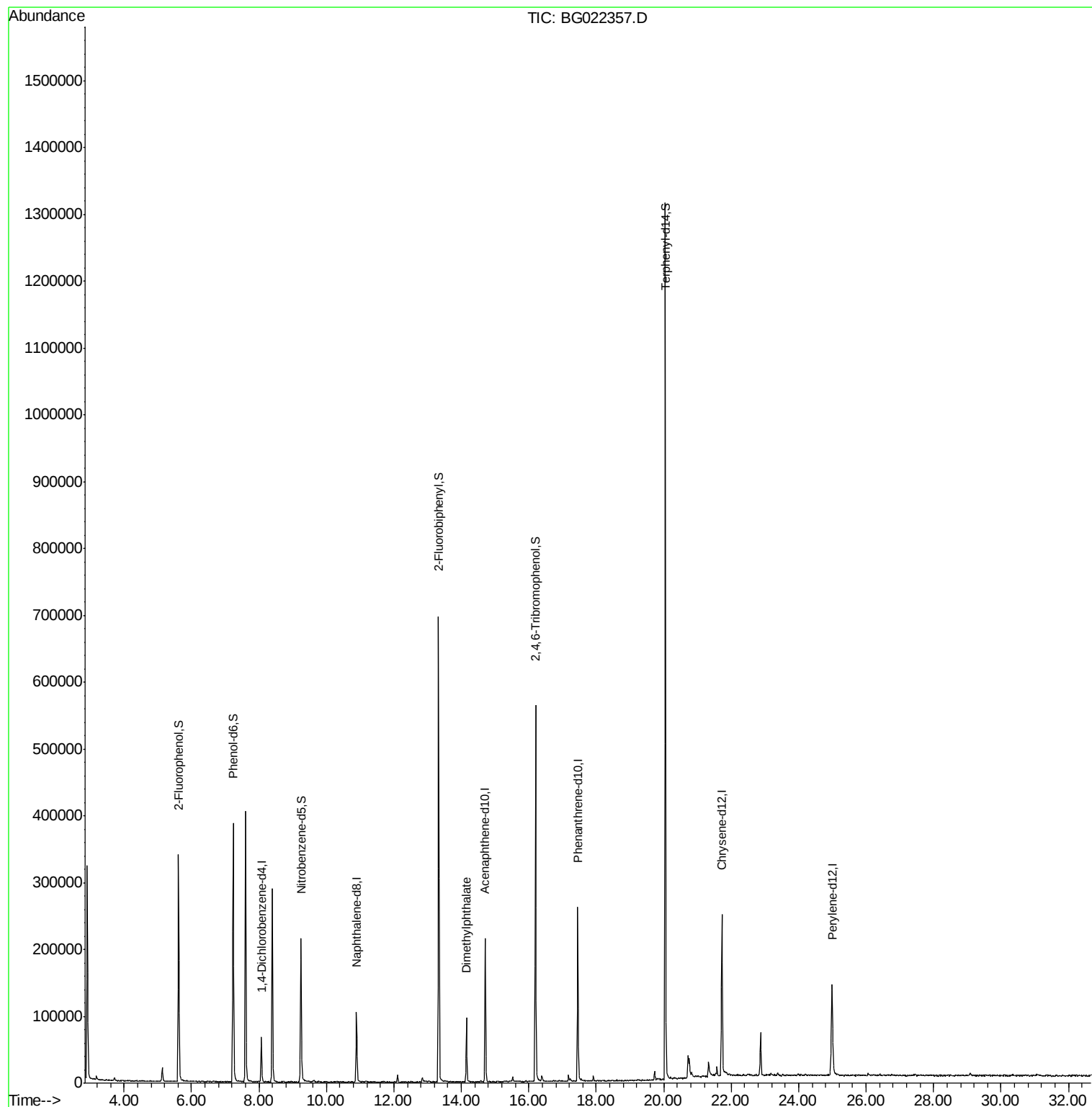
| Internal Standards          | R.T.  | QIon | Response | Conc   | Units | Dev(Min)      |
|-----------------------------|-------|------|----------|--------|-------|---------------|
| 1) 1,4-Dichlorobenzene-d4   | 8.07  | 152  | 24740    | 20.00  | ng    | -0.02         |
| 21) Naphthalene-d8          | 10.89 | 136  | 123416   | 20.00  | ng    | -0.01         |
| 38) Acenaphthene-d10        | 14.71 | 164  | 81410    | 20.00  | ng    | -0.02         |
| 63) Phenanthrene-d10        | 17.45 | 188  | 184076   | 20.00  | ng    | -0.02         |
| 75) Chrysene-d12            | 21.72 | 240  | 163146   | 20.00  | ng    | -0.02         |
| 86) Perylene-d12            | 24.99 | 264  | 153088   | 20.00  | ng    | -0.02         |
| System Monitoring Compounds |       |      |          |        |       |               |
| 5) 2-Fluorophenol           | 5.62  | 112  | 226958   | 177.37 | ng    | -0.02         |
| 7) Phenol-d6                | 7.23  | 99   | 334603   | 166.32 | ng    | -0.02         |
| 23) Nitrobenzene-d5         | 9.24  | 82   | 174223   | 98.42  | ng    | -0.02         |
| 41) 2,4,6-Tribromophenol    | 16.20 | 330  | 119393   | 129.79 | ng    | -0.02         |
| 44) 2-Fluorobiphenyl        | 13.33 | 172  | 435268   | 81.48  | ng    | -0.02         |
| 78) Terphenyl-d14           | 20.05 | 244  | 617141   | 89.81  | ng    | -0.01         |
| Target Compounds            |       |      |          |        |       |               |
| 49) Dimethylphthalate       | 14.15 | 163  | 82803    | 12.27  | ng    | Qvalue<br>100 |

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

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QLast Update : Mon Jun 13 17:40:23 2016  
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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 8.07 min Scan# 890

Delta R.T. -0.02 min

Lab File: BG022357.D

Acq: 15 Jun 2016 6:42

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BNA\_G

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SB-03-COMP

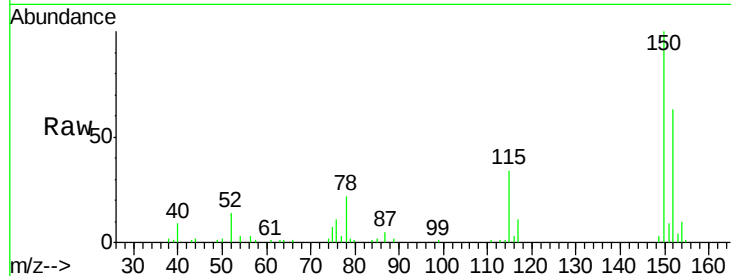
Tgt Ion:152 Resp: 24740

Ion Ratio Lower Upper

152 100

150 159.1 130.1 195.1

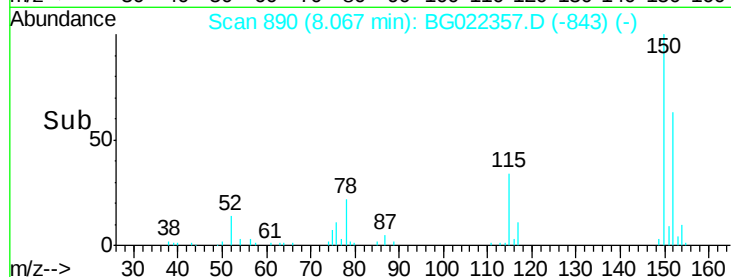
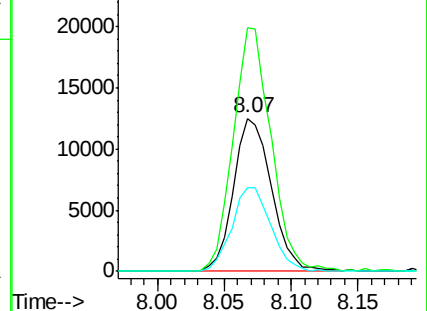
115 54.8 62.2 93.2#



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: 177.37 ng

RT: 5.62 min Scan# 473

Delta R.T. -0.02 min

Lab File: BG022357.D

Acq: 15 Jun 2016 6:42

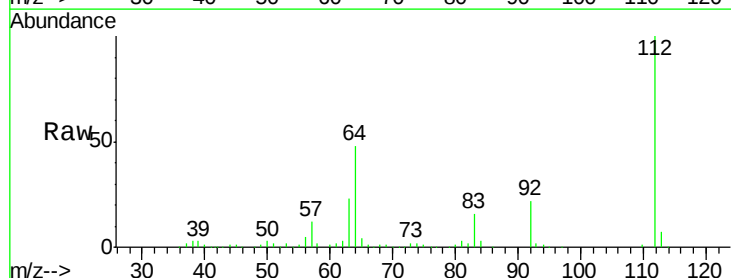
Tgt Ion:112 Resp: 226958

Ion Ratio Lower Upper

112 100

64 47.7 51.1 76.7#

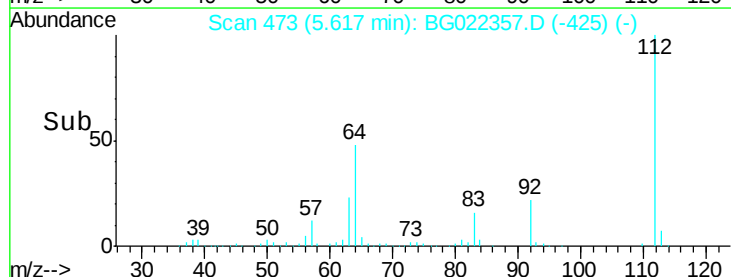
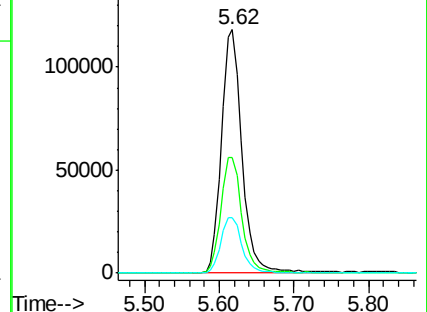
63 22.9 24.6 37.0#



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: 166.32 ng

RT: 7.23 min Scan# 748

Delta R.T. -0.02 min

Lab File: BG022357.D

Acq: 15 Jun 2016 6:42

Instrument :

BNA\_G

ClientSampleId :

SB-03-COMP

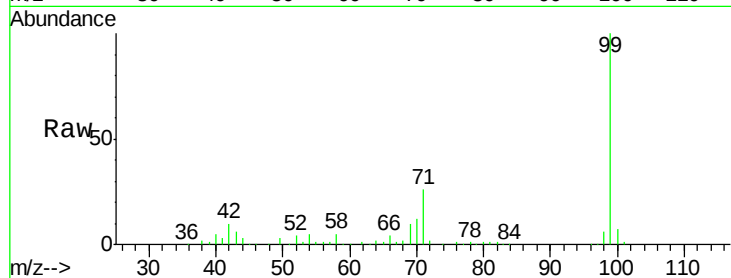
Tgt Ion: 99 Resp: 334603

Ion Ratio Lower Upper

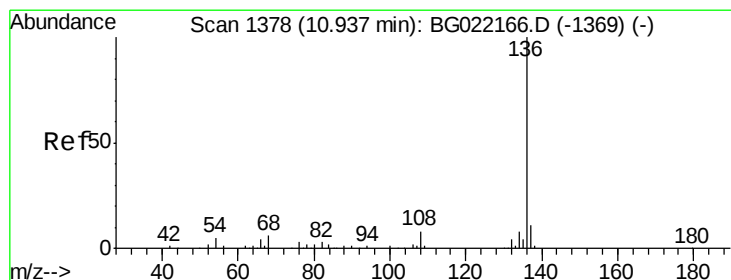
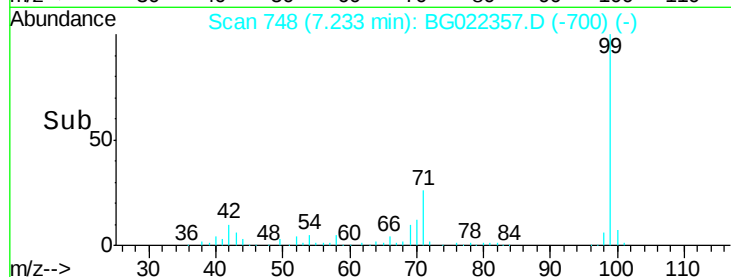
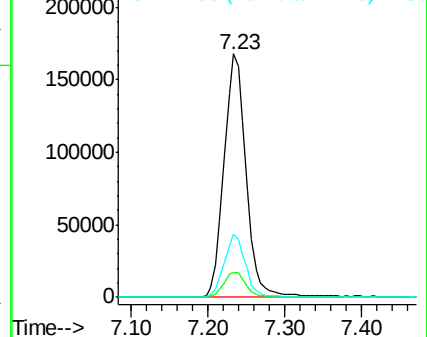
99 100

42 10.0 16.4 24.6#

71 26.1 25.0 37.4



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: 10.89 min Scan# 1371

Delta R.T. -0.01 min

Lab File: BG022357.D

Acq: 15 Jun 2016 6:42

Tgt Ion: 136 Resp: 123416

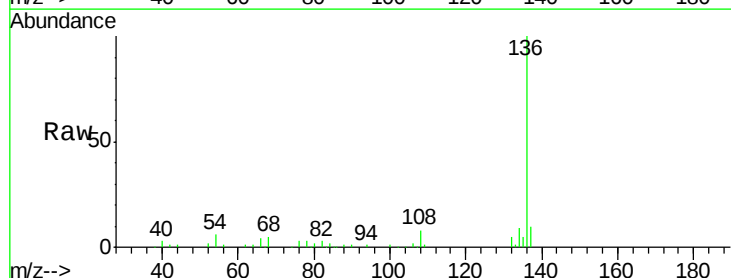
Ion Ratio Lower Upper

136 100

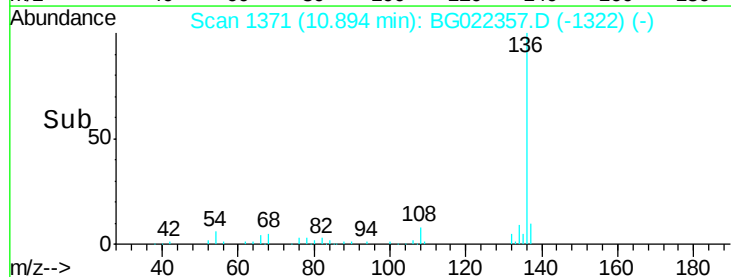
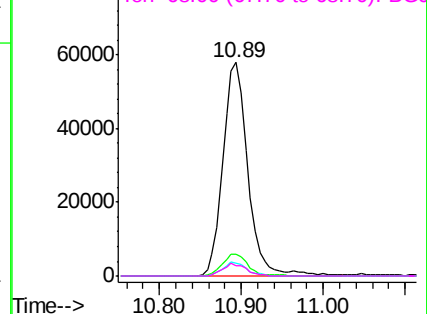
137 9.9 9.0 13.4

54 5.9 9.6 14.4#

68 4.8 6.4 9.6#



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

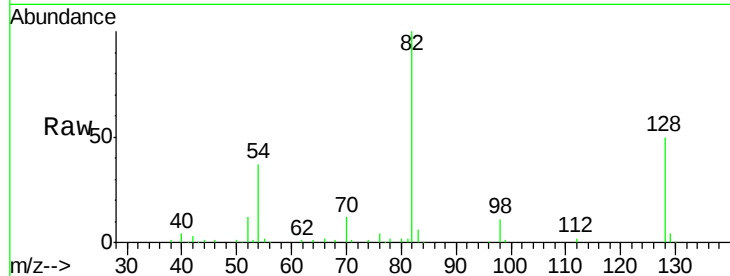




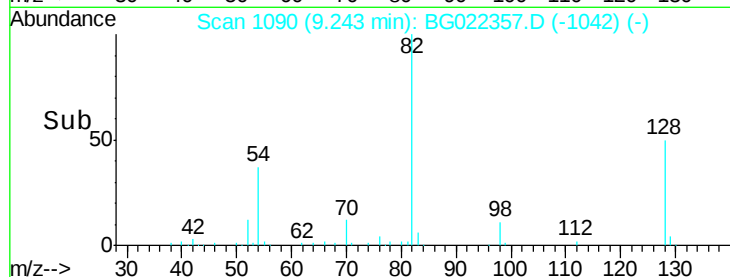
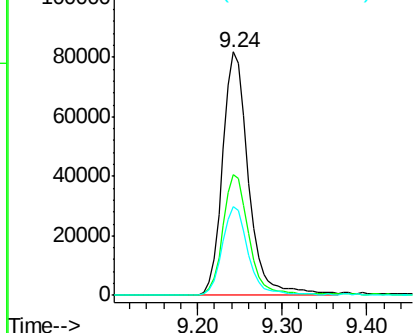
#23  
Nitrobenzene-d5  
Concen: 98.42 ng  
RT: 9.24 min Scan# 1090  
Delta R.T. -0.02 min  
Lab File: BG022357.D  
Acq: 15 Jun 2016 6:42

Instrument :  
BNA\_G  
ClientSampleId :  
SB-03-COMP

Tgt Ion: 82 Resp: 174223  
Ion Ratio Lower Upper  
82 100  
128 49.7 33.4 50.0  
54 36.7 46.1 69.1#

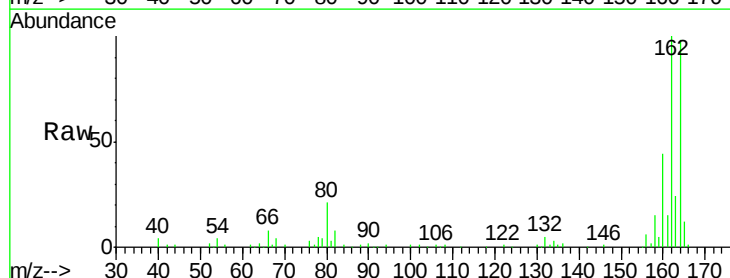


Abundance Ion 82.00 (81.70 to 82.70): BGC  
Ion 128.00 (127.70 to 128.70): BGC  
Ion 54.00 (53.70 to 54.70): BGC

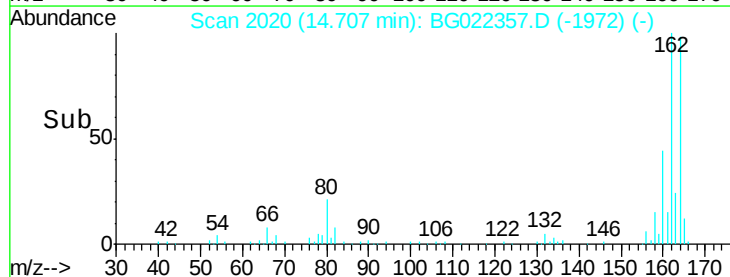
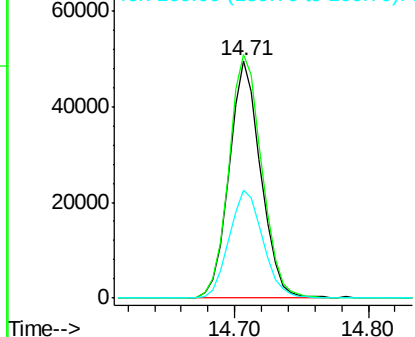


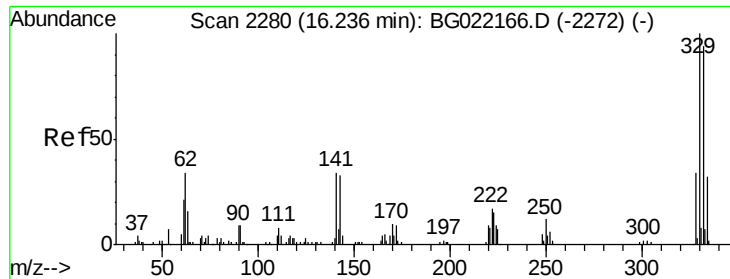
#38  
Acenaphthene-d10  
Concen: 20.00 ng  
RT: 14.71 min Scan# 2020  
Delta R.T. -0.02 min  
Lab File: BG022357.D  
Acq: 15 Jun 2016 6:42

Tgt Ion: 164 Resp: 81410  
Ion Ratio Lower Upper  
164 100  
162 102.4 78.0 117.0  
160 45.5 32.9 49.3



Abundance Ion 164.00 (163.70 to 164.70): BGC  
Ion 162.00 (161.70 to 162.70): BGC  
Ion 160.00 (159.70 to 160.70): BGC

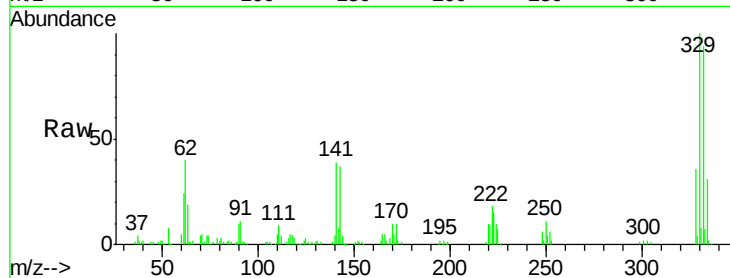




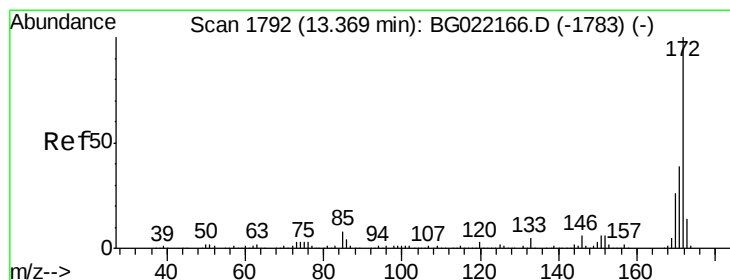
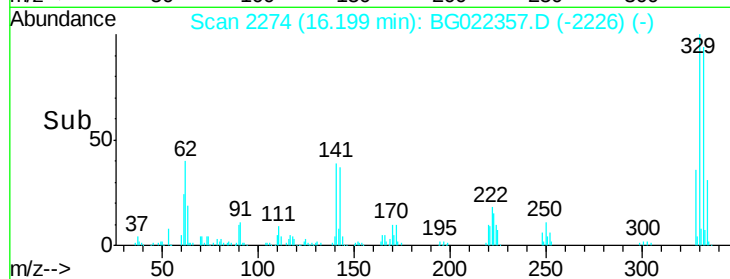
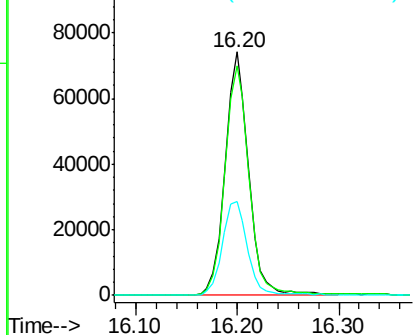
#41  
 2,4,6-Tribromophenol  
 Concen: 129.79 ng  
 RT: 16.20 min Scan# 2274  
 Delta R.T. -0.02 min  
 Lab File: BG022357.D  
 Acq: 15 Jun 2016 6:42

Instrument :  
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| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 330     | 100   |       |       |
| 332     | 96.4  | 78.0  | 117.0 |
| 141     | 41.2  | 33.8  | 50.8  |

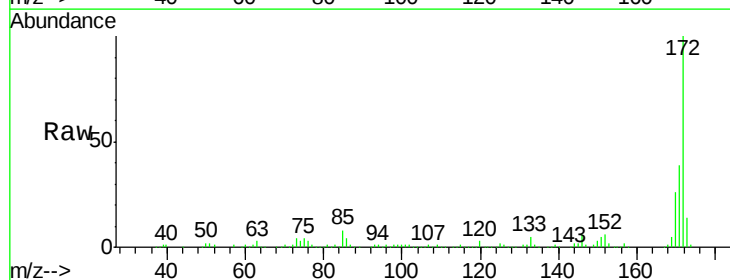


Abundance Ion 329.80 (329.50 to 330.50): E  
 Ion 331.80 (331.50 to 332.50): E  
 Ion 141.00 (140.70 to 141.70): E

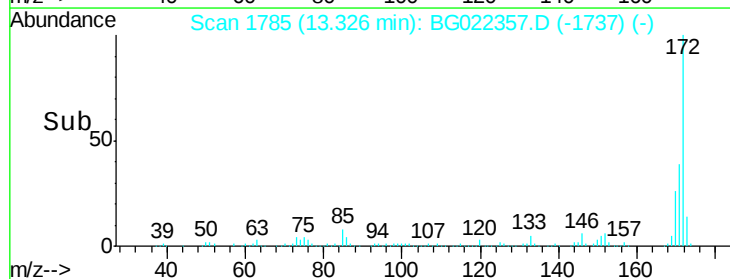
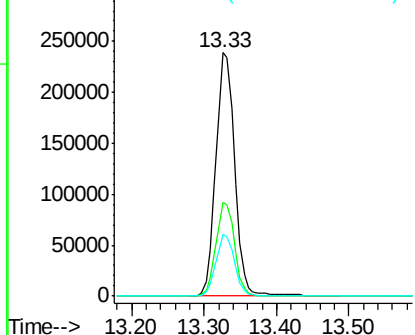


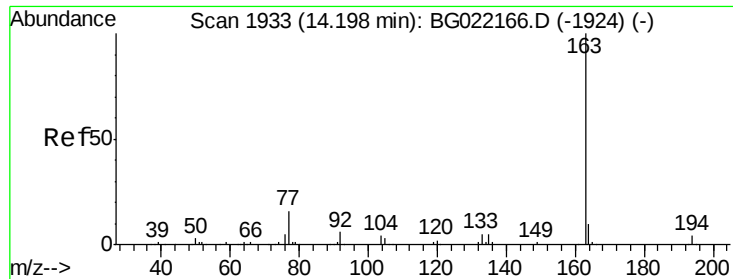
#44  
 2-Fluorobiphenyl  
 Concen: 81.48 ng  
 RT: 13.33 min Scan# 1785  
 Delta R.T. -0.02 min  
 Lab File: BG022357.D  
 Acq: 15 Jun 2016 6:42

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 172     | 100   |       |       |
| 171     | 38.8  | 27.8  | 41.6  |
| 170     | 25.7  | 19.6  | 29.4  |



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

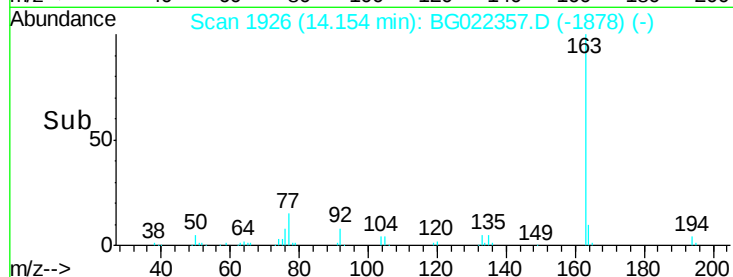
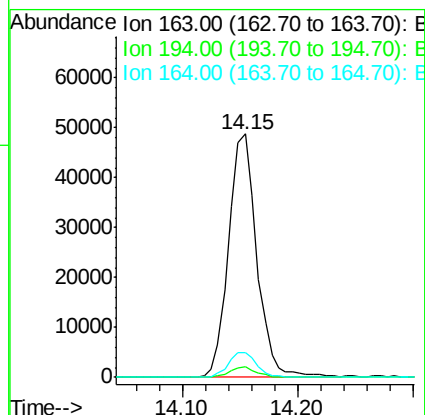
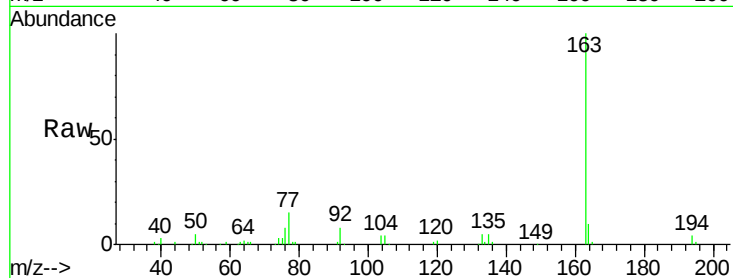




#49  
Dimethylphthalate  
Concen: 12.27 ng  
RT: 14.15 min Scan# 1926  
Delta R.T. -0.02 min  
Lab File: BG022357.D  
Acq: 15 Jun 2016 6:42

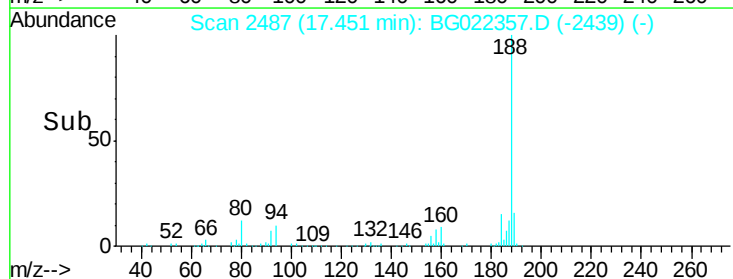
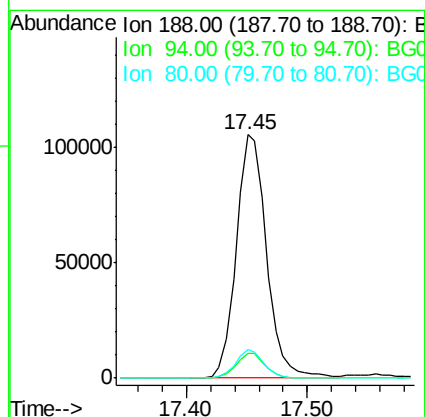
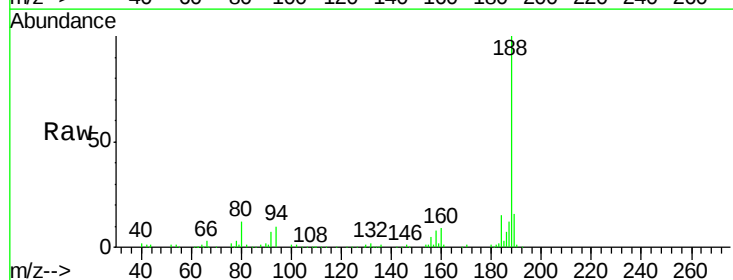
Instrument :  
BNA\_G  
ClientSampleId :  
SB-03-COMP

Tgt Ion:163 Resp: 82803  
Ion Ratio Lower Upper  
163 100  
194 4.2 3.0 4.6  
164 10.2 8.1 12.1



#63  
Phenanthrene-d10  
Concen: 20.00 ng  
RT: 17.45 min Scan# 2487  
Delta R.T. -0.02 min  
Lab File: BG022357.D  
Acq: 15 Jun 2016 6:42

Tgt Ion:188 Resp: 184076  
Ion Ratio Lower Upper  
188 100  
94 10.4 7.5 11.3  
80 12.0 8.6 13.0





#75

Chrysene-d12

Concen: 20.00 ng

RT: 21.72 min Scan# 3214

Delta R.T. -0.02 min

Lab File: BG022357.D

Acq: 15 Jun 2016 6:42

Instrument :

BNA\_G

ClientSampleId :

SB-03-COMP

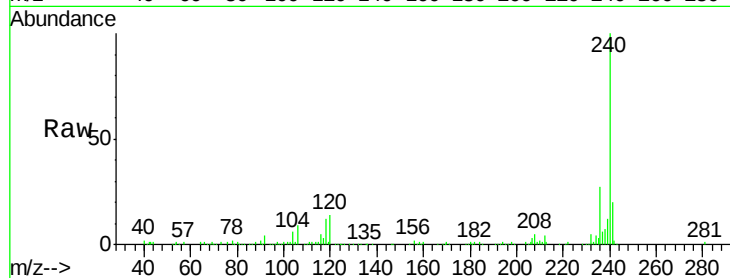
Tgt Ion:240 Resp: 163146

Ion Ratio Lower Upper

240 100

120 14.0 8.4 12.6#

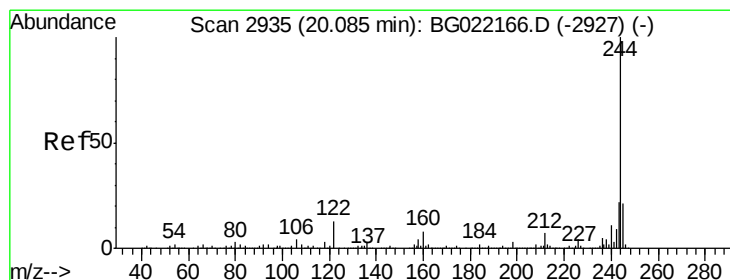
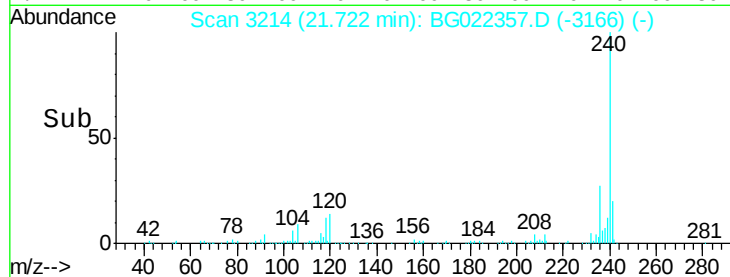
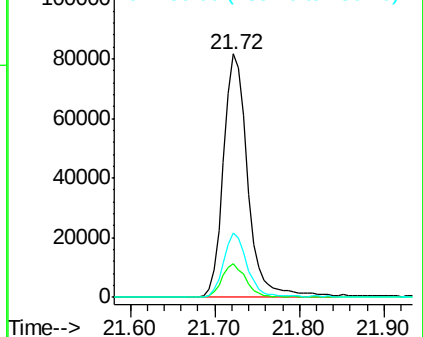
236 26.6 19.6 29.4



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: 89.81 ng

RT: 20.05 min Scan# 2929

Delta R.T. -0.01 min

Lab File: BG022357.D

Acq: 15 Jun 2016 6:42

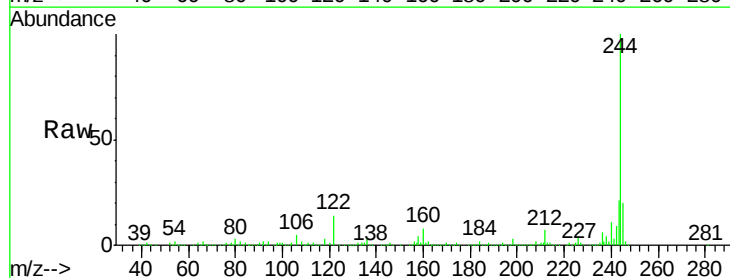
Tgt Ion:244 Resp: 617141

Ion Ratio Lower Upper

244 100

212 7.5 6.5 9.7

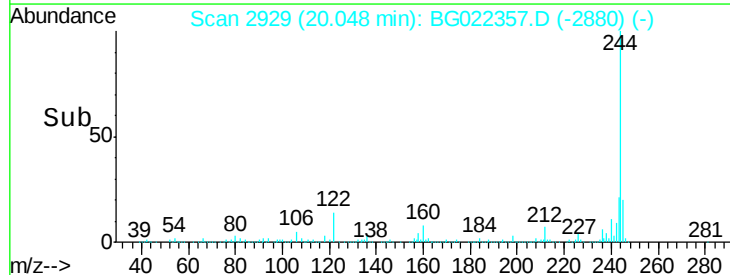
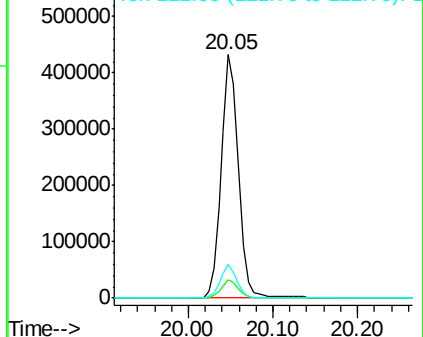
122 13.9 8.6 12.8#

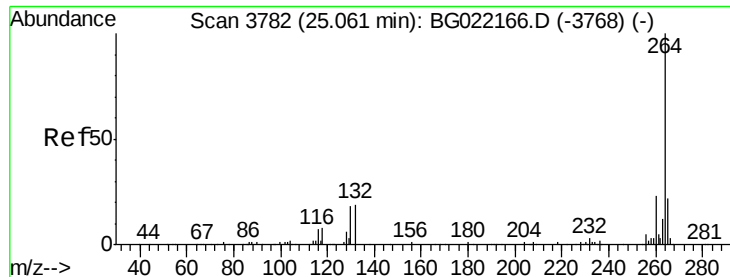


Abundance Ion 244.00 (243.70 to 244.70): E

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: 24.99 min Scan# 3770  
Delta R.T. -0.02 min  
Lab File: BG022357.D  
Acq: 15 Jun 2016 6:42

Instrument :  
BNA\_G  
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Tgt Ion: 264 Resp: 153088  
Ion Ratio Lower Upper  
264 100  
260 24.5 20.2 30.4  
265 20.2 17.8 26.8

