

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG061918\  
 Data File : BG035256.D  
 Acq On : 19 Jun 2018 20:18  
 Operator : SJ/JU  
 Sample : J3548-01  
 Misc :  
 ALS Vial : 8 Sample Multiplier: 1

Instrument :  
 BNA\_G  
 ClientSampleId :  
 061318-DBRI-E-D-B

Quant Time: Jun 19 22:41:31 2018  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG060718.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Fri Jun 08 17:16:28 2018  
 Response via : Initial Calibration

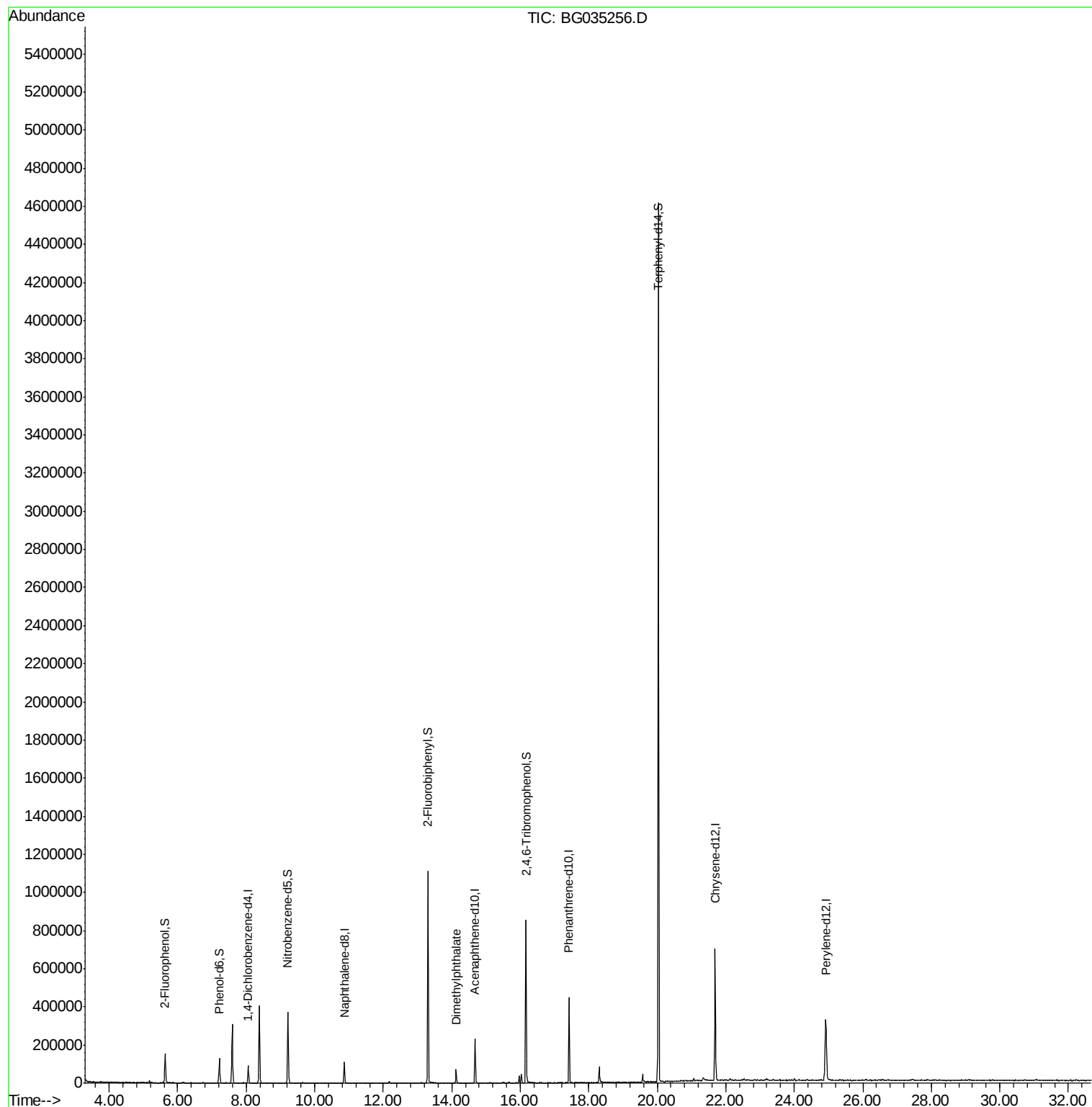
| Internal Standards          | R.T.  | QIon | Response | Conc   | Units | Dev(Min)       |
|-----------------------------|-------|------|----------|--------|-------|----------------|
| 1) 1,4-Dichlorobenzene-d4   | 8.06  | 152  | 24543    | 20.00  | ng    | -0.02          |
| 21) Naphthalene-d8          | 10.86 | 136  | 95195    | 20.00  | ng    | -0.02          |
| 38) Acenaphthene-d10        | 14.68 | 164  | 76471    | 20.00  | ng    | -0.02          |
| 63) Phenanthrene-d10        | 17.42 | 188  | 286392   | 20.00  | ng    | -0.02          |
| 75) Chrysene-d12            | 21.69 | 240  | 444692   | 20.00  | ng    | -0.03          |
| 86) Perylene-d12            | 24.92 | 264  | 362949   | 20.00  | ng    | -0.03          |
| System Monitoring Compounds |       |      |          |        |       |                |
| 5) 2-Fluorophenol           | 5.63  | 112  | 73576    | 50.59  | ng    | -0.02          |
| 7) Phenol-d6                | 7.21  | 99   | 78092    | 36.38  | ng    | 0.00           |
| 23) Nitrobenzene-d5         | 9.22  | 82   | 249557   | 124.61 | ng    | -0.02          |
| 41) 2,4,6-Tribromophenol    | 16.17 | 330  | 161062   | 164.53 | ng    | -0.02          |
| 44) 2-Fluorobiphenyl        | 13.31 | 172  | 596156   | 101.35 | ng    | -0.02          |
| 78) Terphenyl-d14           | 20.03 | 244  | 2173354  | 102.37 | ng    | -0.02          |
| Target Compounds            |       |      |          |        |       |                |
| 49) Dimethylphthalate       | 14.13 | 163  | 47676    | 7.149  | ng    | Qvalue<br># 96 |

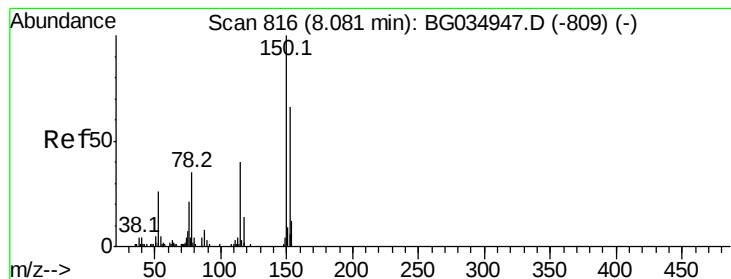
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG061918\  
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QLast Update : Fri Jun 08 17:16:28 2018  
Response via : Initial Calibration





#1

1,4-Dichlorobenzene-d4

Concen: 20.000 ng

RT: 8.06 min Scan# 812

Delta R.T. -0.02 min

Lab File: BG035256.D

Acq: 19 Jun 2018 20:18

Instrument :

BNA\_G

ClientSampleId :

061318-DBRI-E-D-B

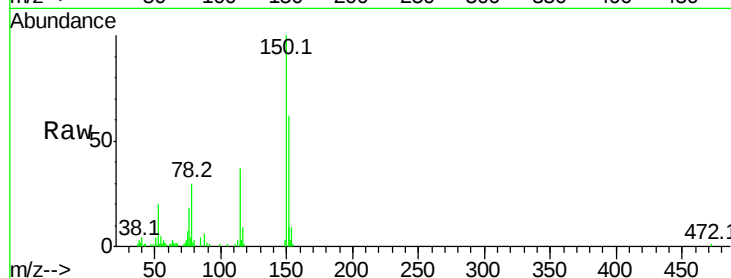
Tot Ion:152 Resp: 24543

Ion Ratio Lower Upper

152 100

150 160.7 126.6 189.8

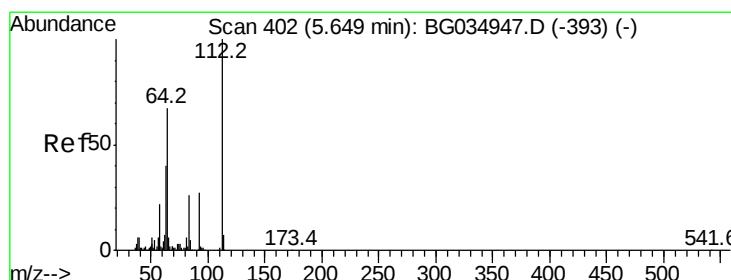
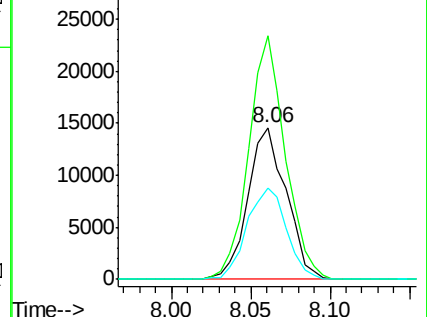
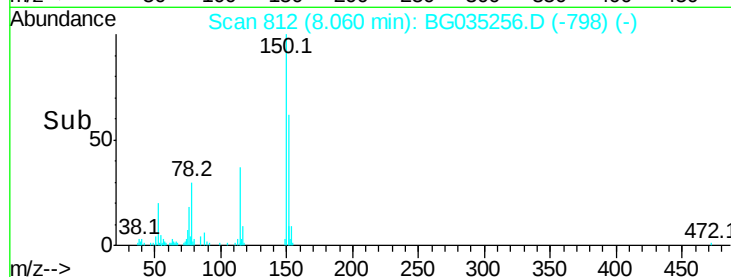
115 60.1 53.0 79.4



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: 50.592 ng

RT: 5.63 min Scan# 398

Delta R.T. -0.02 min

Lab File: BG035256.D

Acq: 19 Jun 2018 20:18

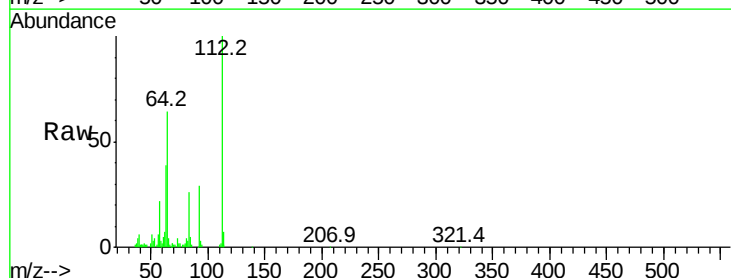
Tgt Ion:112 Resp: 73576

Ion Ratio Lower Upper

112 100

64 64.0 56.3 84.5

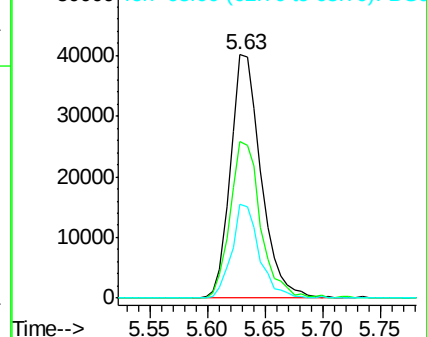
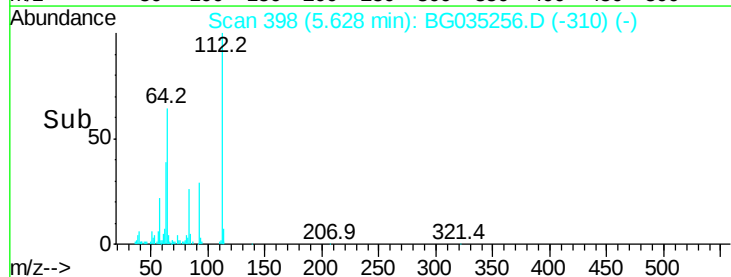
63 38.7 30.1 45.1

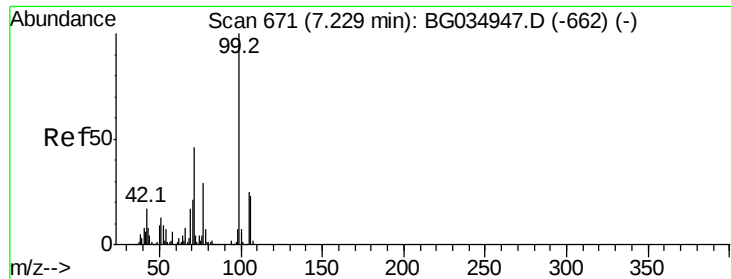


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC





#7

Phenol-d6

Concen: 36.382 ng

RT: 7.21 min Scan# 668

Delta R.T. -0.01 min

Lab File: BG035256.D

Acq: 19 Jun 2018 20:18

Instrument :

BNA\_G

ClientSampleId :

061318-DBRI-E-D-B

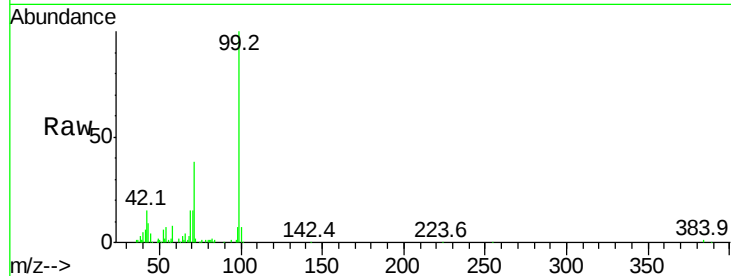
Tot Ion: 99 Resp: 78092

Ion Ratio Lower Upper

99 100

42 15.3 14.1 21.1

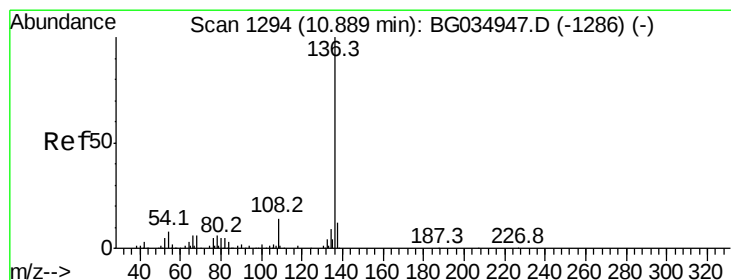
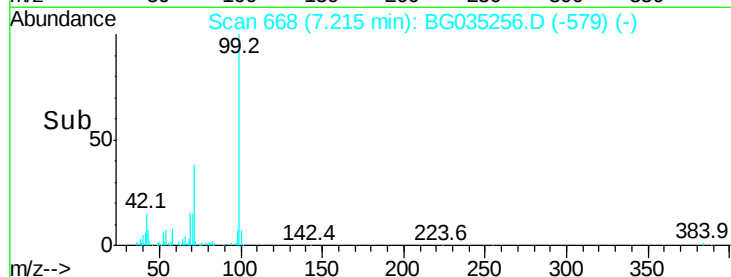
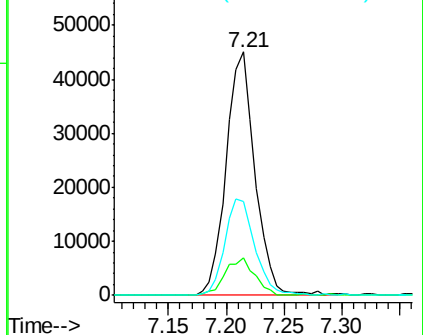
71 38.3 26.1 39.1



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: 20.000 ng

RT: 10.86 min Scan# 1289

Delta R.T. -0.02 min

Lab File: BG035256.D

Acq: 19 Jun 2018 20:18

Tgt Ion: 136 Resp: 95195

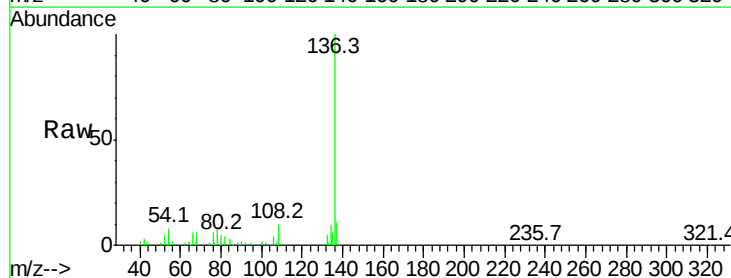
Ion Ratio Lower Upper

136 100

137 11.2 9.2 13.8

54 8.3 10.3 15.5#

68 5.9 4.5 6.7

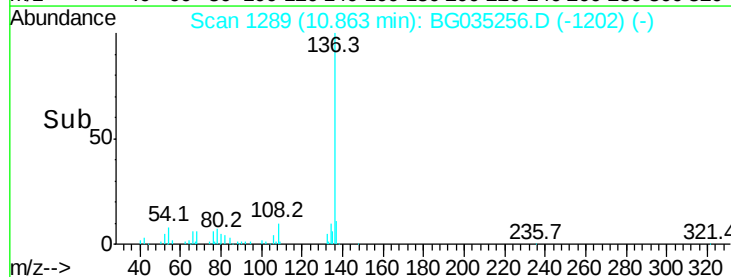
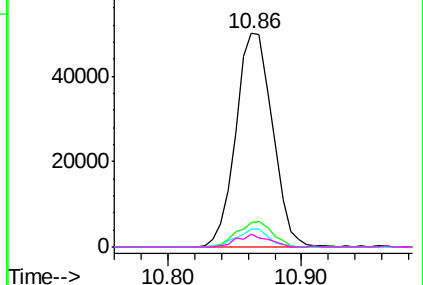


Abundance Ion 136.00 (135.70 to 136.70): BGC

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: 124.613 ng

RT: 9.22 min Scan# 1009

Delta R.T. -0.02 min

Lab File: BG035256.D

Acq: 19 Jun 2018 20:18

Instrument :

BNA\_G

ClientSampleId :

061318-DBRI-E-D-B

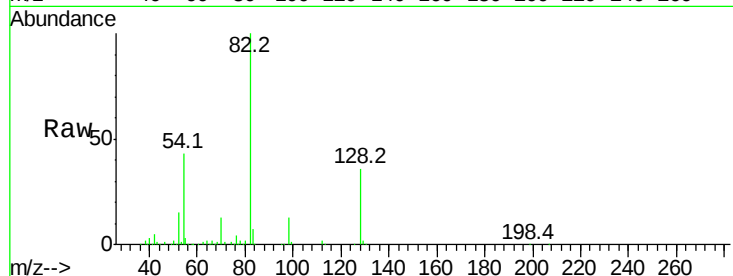
Tot Ion: 82 Resp: 249557

Ion Ratio Lower Upper

82 100

128 35.9 29.7 44.5

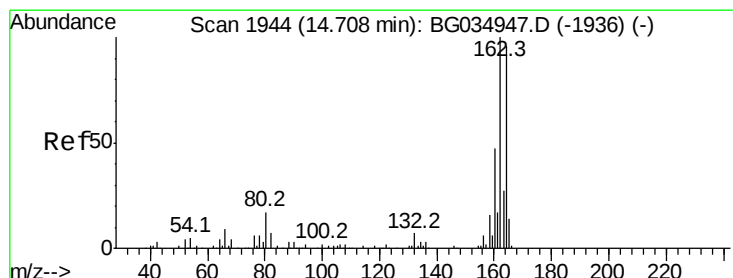
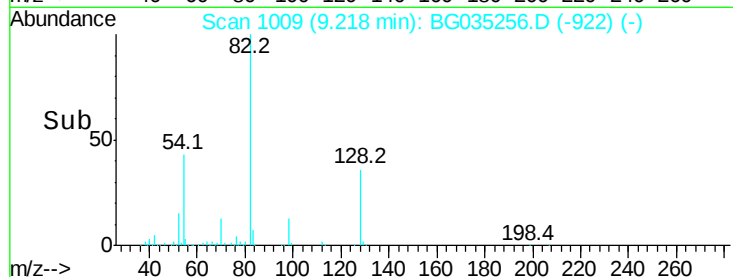
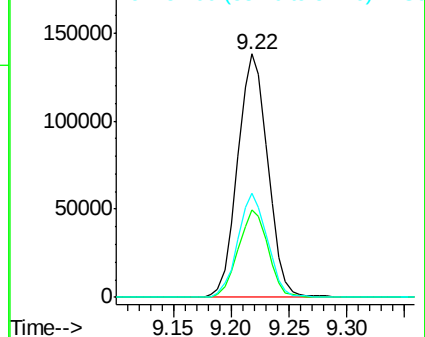
54 43.0 43.1 64.7#



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: 20.000 ng

RT: 14.68 min Scan# 1939

Delta R.T. -0.02 min

Lab File: BG035256.D

Acq: 19 Jun 2018 20:18

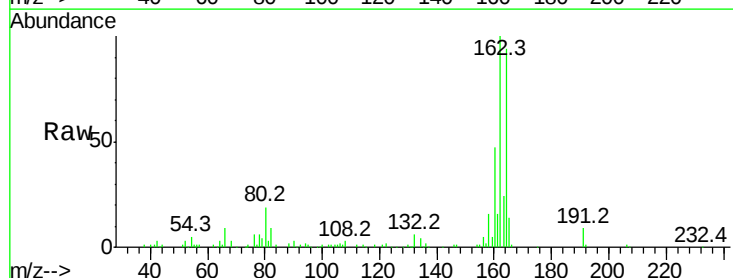
Tgt Ion:164 Resp: 76471

Ion Ratio Lower Upper

164 100

162 106.6 78.8 118.2

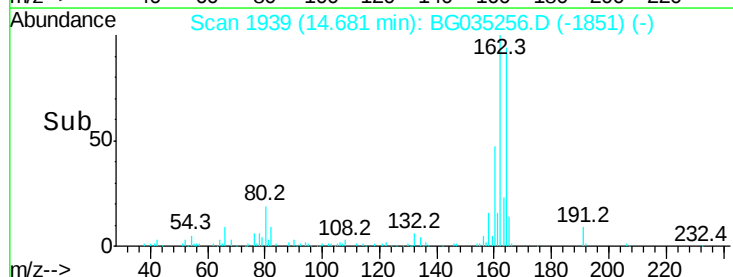
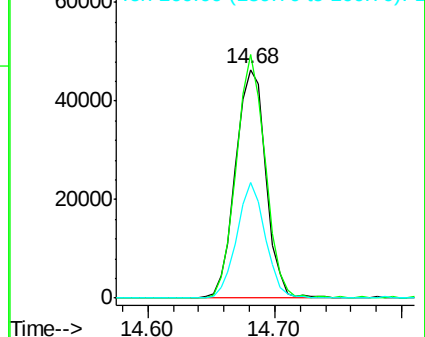
160 50.6 35.4 53.0

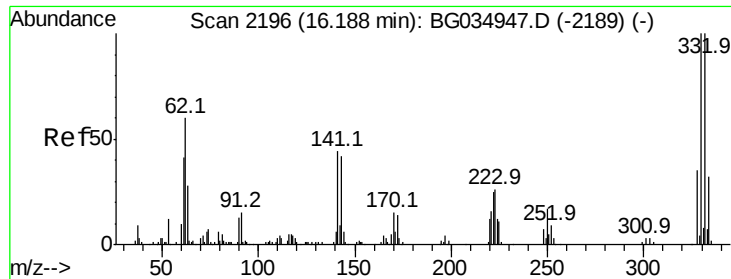


Abundance Ion 164.00 (163.70 to 164.70): BGC

Ion 162.00 (161.70 to 162.70): BGC

Ion 160.00 (159.70 to 160.70): BGC

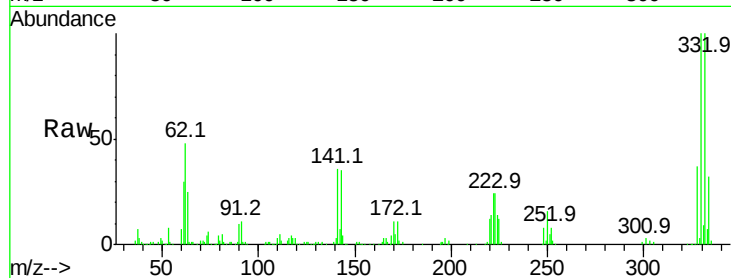




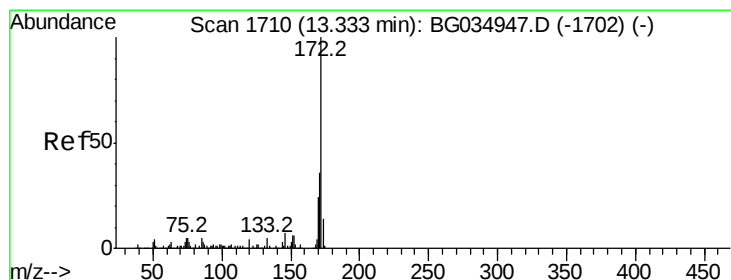
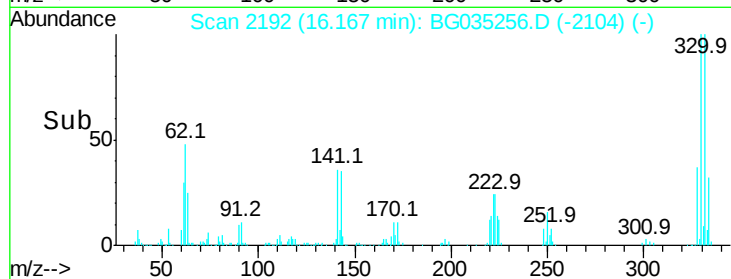
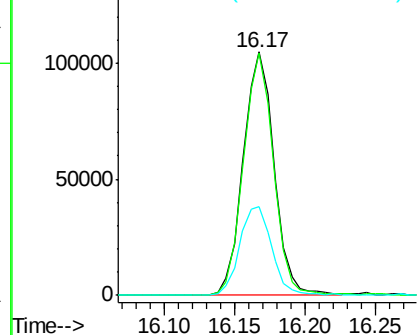
#41  
 2,4,6-Tribromophenol  
 Concen: 164.529 ng  
 RT: 16.17 min Scan# 2192  
 Delta R.T. -0.02 min  
 Lab File: BG035256.D  
 Acq: 19 Jun 2018 20:18

Instrument :  
 BNA\_G  
 ClientSampleId :  
 061318-DBRI-E-D-B

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 330     | 100   |       |       |
| 332     | 96.8  | 77.0  | 115.6 |
| 141     | 37.5  | 25.2  | 37.8  |

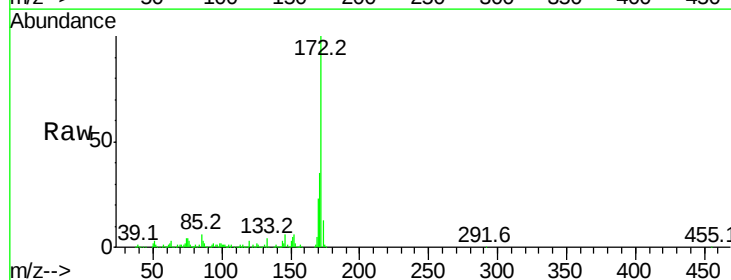


Abundance Ion 329.80 (329.50 to 330.50): E  
 Ion 331.80 (331.50 to 332.50): E  
 Ion 141.00 (140.70 to 141.70): E

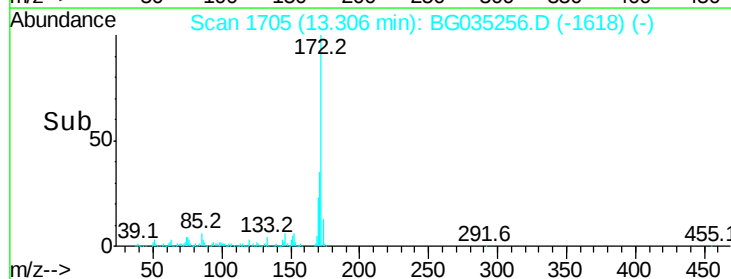
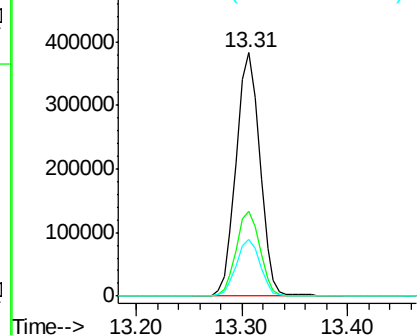


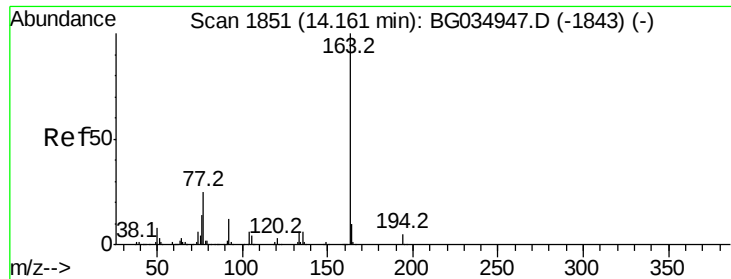
#44  
 2-Fluorobiphenyl  
 Concen: 101.346 ng  
 RT: 13.31 min Scan# 1705  
 Delta R.T. -0.02 min  
 Lab File: BG035256.D  
 Acq: 19 Jun 2018 20:18

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 172     | 100   |       |       |
| 171     | 34.6  | 30.0  | 45.0  |
| 170     | 23.3  | 19.5  | 29.3  |



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: 7.149 ng

RT: 14.13 min Scan# 1845

Delta R.T. -0.03 min

Lab File: BG035256.D

Acq: 19 Jun 2018 20:18

Instrument :

BNA\_G

ClientSampleId :

061318-DBRI-E-D-B

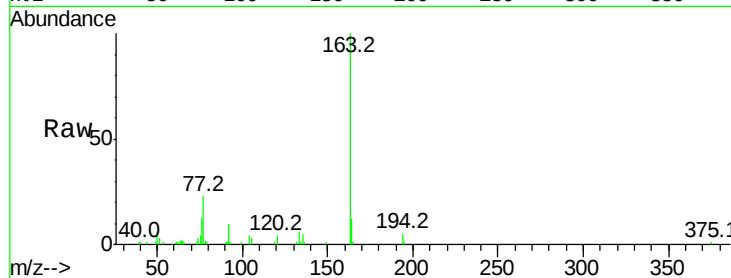
Tot Ion:163 Resp: 47676

Ion Ratio Lower Upper

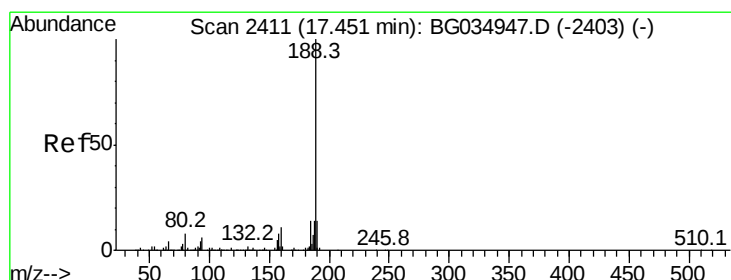
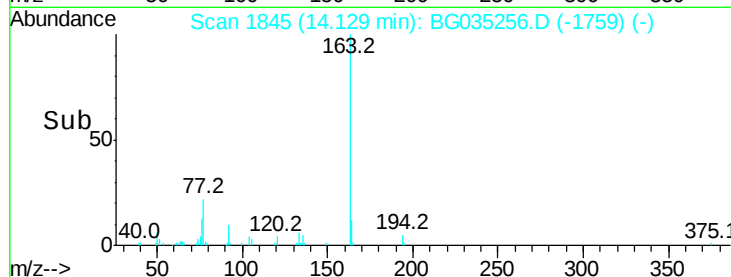
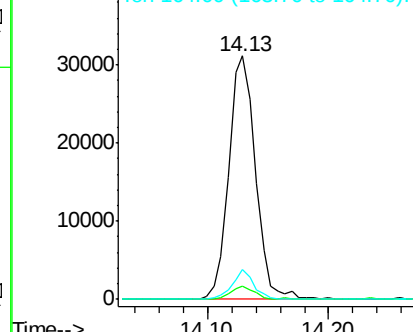
163 100

194 5.4 3.4 5.2#

164 12.1 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: 20.000 ng

RT: 17.42 min Scan# 2406

Delta R.T. -0.02 min

Lab File: BG035256.D

Acq: 19 Jun 2018 20:18

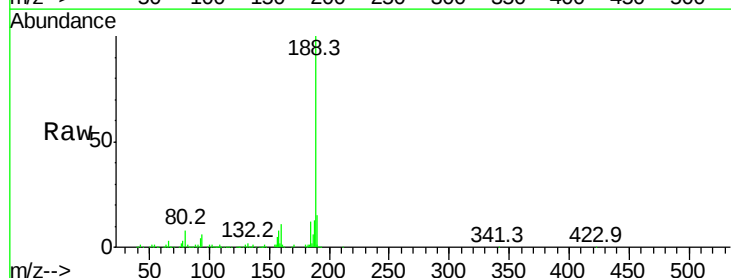
Tgt Ion:188 Resp: 286392

Ion Ratio Lower Upper

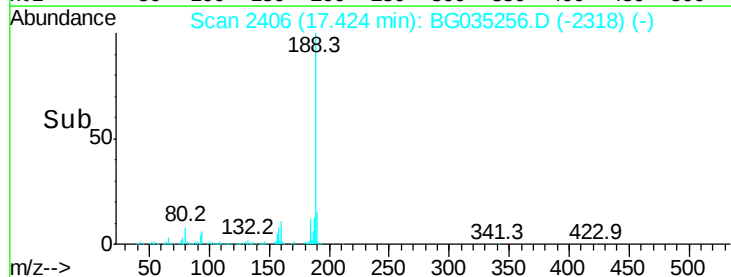
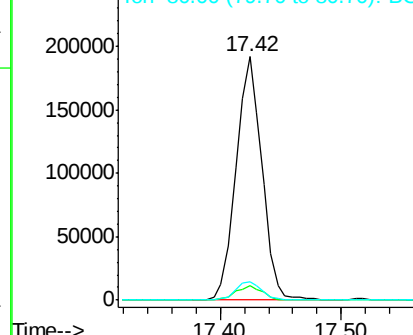
188 100

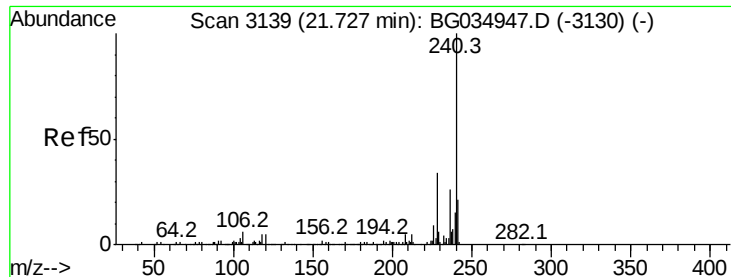
94 5.7 6.9 10.3#

80 7.6 7.7 11.5#



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: 20.000 ng

RT: 21.69 min Scan# 3132

Delta R.T. -0.03 min

Lab File: BG035256.D

Acq: 19 Jun 2018 20:18

Instrument :

BNA\_G

ClientSampleId :

061318-DBRI-E-D-B

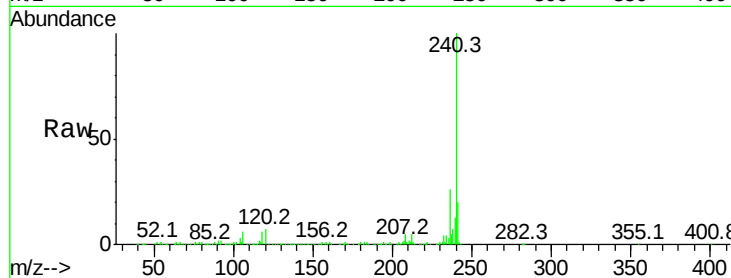
Tot Ion:240 Resp: 444692

Ion Ratio Lower Upper

240 100

120 6.6 6.8 10.2#

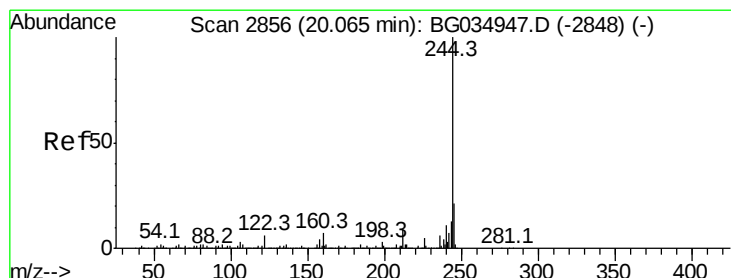
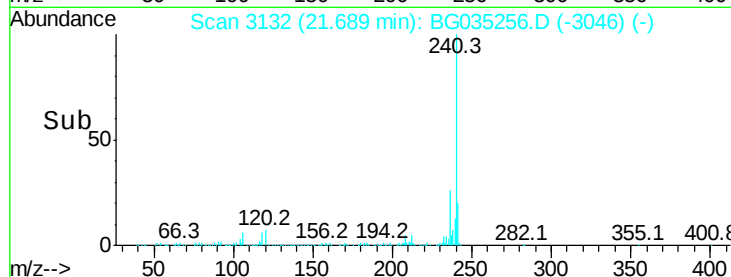
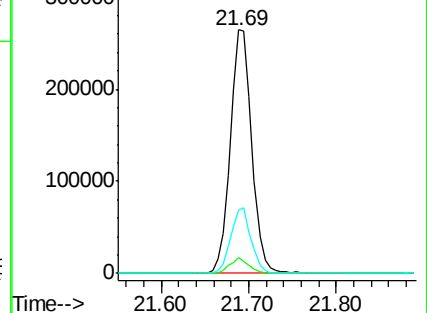
236 25.8 20.9 31.3



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: 102.374 ng

RT: 20.03 min Scan# 2850

Delta R.T. -0.02 min

Lab File: BG035256.D

Acq: 19 Jun 2018 20:18

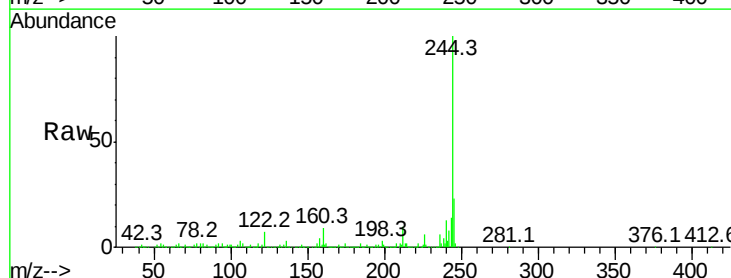
Tgt Ion:244 Resp: 2173354

Ion Ratio Lower Upper

244 100

212 10.2 5.8 8.8#

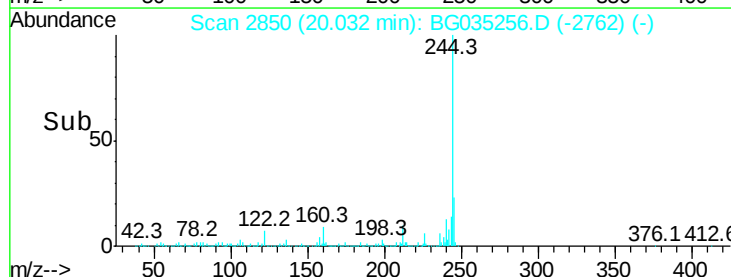
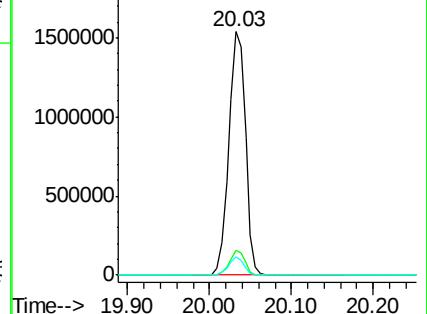
122 7.5 7.0 10.4

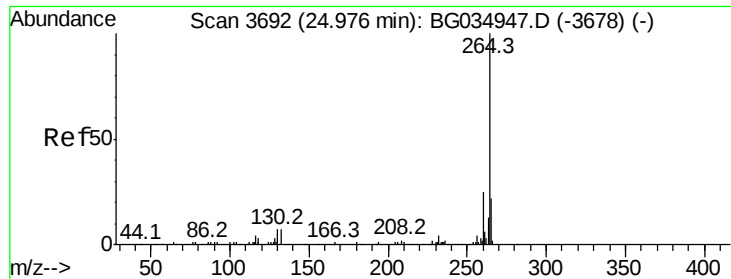


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#86  
 Pervlene-d12  
 Concen: 20.000 ng  
 RT: 24.92 min Scan# 3682  
 Delta R.T. -0.03 min  
 Lab File: BG035256.D  
 Acq: 19 Jun 2018 20:18

Instrument :  
 BNA\_G  
 ClientSampleId :  
 061318-DBRI-E-D-B

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 264     | 100   |       |       |
| 260     | 23.1  | 17.4  | 26.0  |
| 265     | 22.6  | 17.7  | 26.5  |

