

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG062818\  
 Data File : BG035493.D  
 Acq On : 29 Jun 2018 00:48  
 Operator : JU/SJ  
 Sample : J3720-02  
 Misc :  
 ALS Vial : 14 Sample Multiplier: 1

Instrument :  
 BNA\_G  
 ClientSampleId :  
 MW-12

Quant Time: Jun 29 04:25:10 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

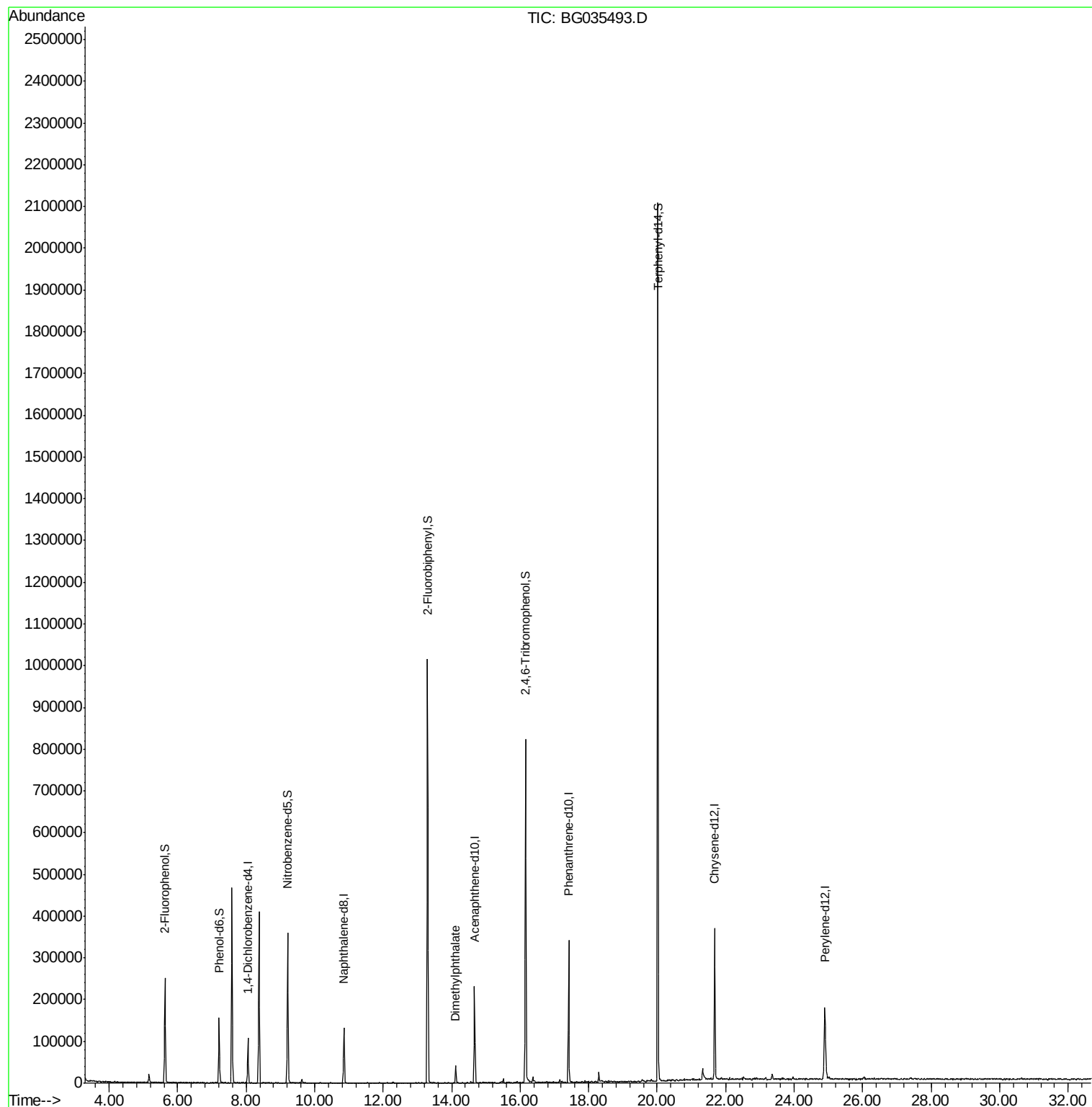
| Internal Standards          | R.T.  | QIon | Response | Conc   | Units | Dev(Min)  |
|-----------------------------|-------|------|----------|--------|-------|-----------|
| 1) 1,4-Dichlorobenzene-d4   | 8.05  | 152  | 30170    | 20.00  | ng    | -0.03     |
| 21) Naphthalene-d8          | 10.86 | 136  | 113675   | 20.00  | ng    | -0.03     |
| 38) Acenaphthene-d10        | 14.67 | 164  | 83236    | 20.00  | ng    | -0.03     |
| 63) Phenanthrene-d10        | 17.42 | 188  | 218766   | 20.00  | ng    | -0.02     |
| 75) Chrysene-d12            | 21.68 | 240  | 231336   | 20.00  | ng    | -0.03     |
| 86) Perylene-d12            | 24.90 | 264  | 218160   | 20.00  | ng    | -0.06     |
| System Monitoring Compounds |       |      |          |        |       |           |
| 5) 2-Fluorophenol           | 5.63  | 112  | 109312   | 61.15  | ng    | -0.02     |
| 7) Phenol-d6                | 7.21  | 99   | 97780    | 37.06  | ng    | -0.02     |
| 23) Nitrobenzene-d5         | 9.21  | 82   | 244439   | 102.21 | ng    | -0.03     |
| 41) 2,4,6-Tribromophenol    | 16.16 | 330  | 161492   | 151.56 | ng    | -0.02     |
| 44) 2-Fluorobiphenyl        | 13.29 | 172  | 566576   | 88.49  | ng    | -0.03     |
| 78) Terphenyl-d14           | 20.02 | 244  | 1032318  | 93.47  | ng    | -0.03     |
| Target Compounds            |       |      |          |        |       |           |
| 49) Dimethylphthalate       | 14.12 | 163  | 26822    | 3.695  | ng    | Qvalue 97 |

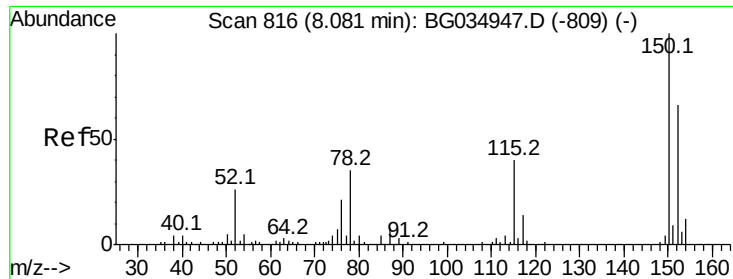
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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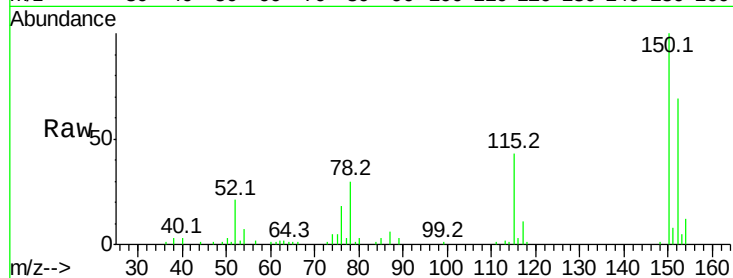


#1

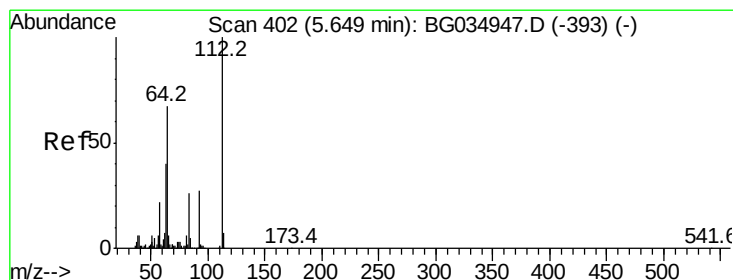
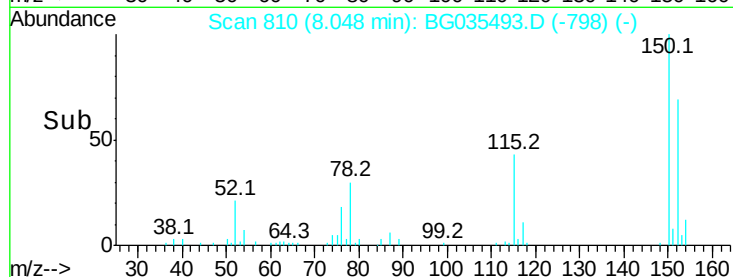
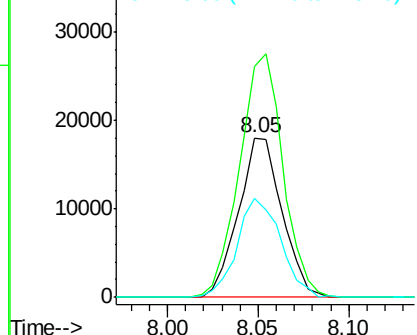
1,4-Dichlorobenzene-d4  
Concen: 20.000 ng  
RT: 8.05 min Scan# 810  
Delta R.T. -0.03 min  
Lab File: BG035493.D  
Acq: 29 Jun 2018 00:48

Instrument :  
BNA\_G  
ClientSampleId :  
MW-12

Tot Ion:152 Resp: 30170  
Ion Ratio Lower Upper  
152 100  
150 144.7 126.6 189.8  
115 62.1 53.0 79.4



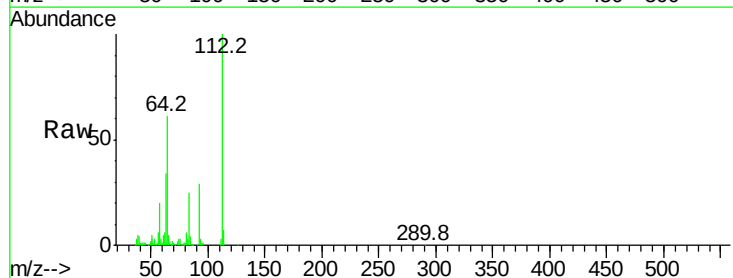
Abundance Ion 152.00 (151.70 to 152.70): E  
Ion 150.00 (149.70 to 150.70): E  
Ion 115.00 (114.70 to 115.70): E



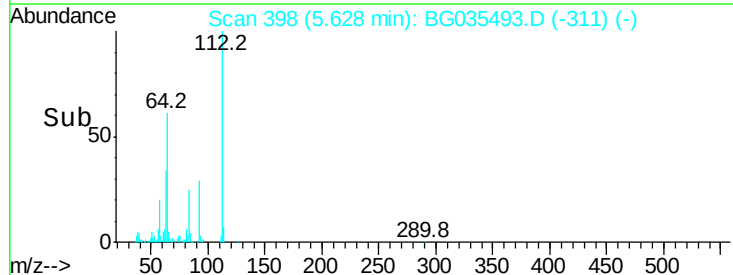
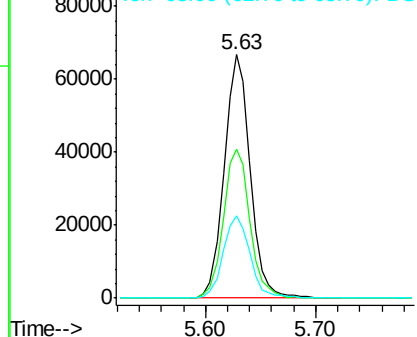
#5

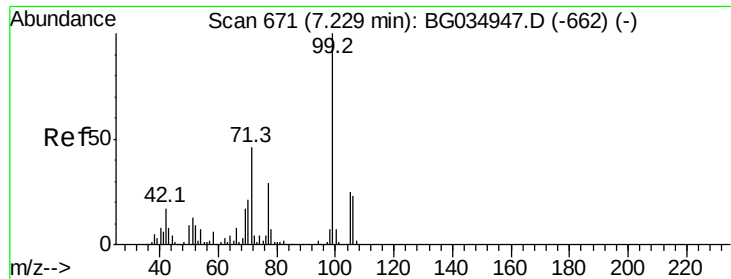
2-Fluorophenol  
Concen: 61.145 ng  
RT: 5.63 min Scan# 398  
Delta R.T. -0.02 min  
Lab File: BG035493.D  
Acq: 29 Jun 2018 00:48

Tgt Ion:112 Resp: 109312  
Ion Ratio Lower Upper  
112 100  
64 61.3 56.3 84.5  
63 34.0 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: 37.058 ng

RT: 7.21 min Scan# 667

Delta R.T. -0.02 min

Lab File: BG035493.D

Acq: 29 Jun 2018 00:48

Instrument :

BNA\_G

ClientSampleId :

MW-12

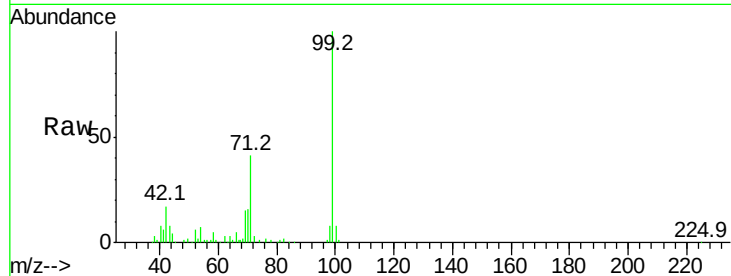
Tot Ion: 99 Resp: 97780

Ion Ratio Lower Upper

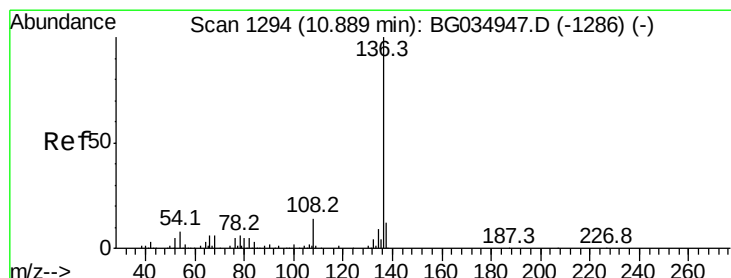
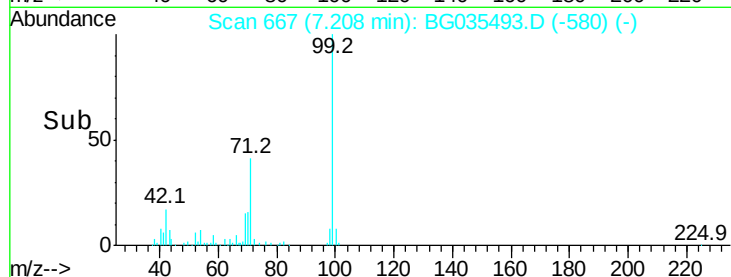
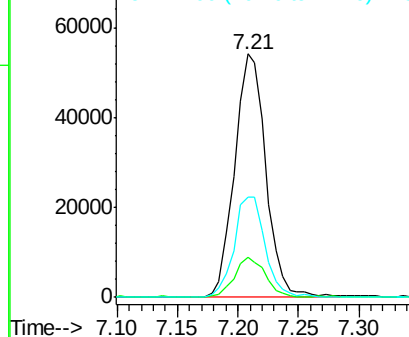
99 100

42 16.6 14.1 21.1

71 41.2 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# 1288

Delta R.T. -0.03 min

Lab File: BG035493.D

Acq: 29 Jun 2018 00:48

Tgt Ion: 136 Resp: 113675

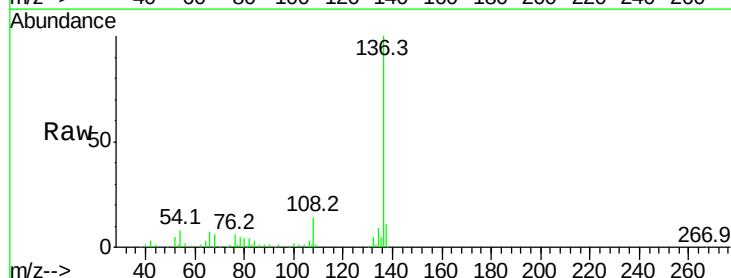
Ion Ratio Lower Upper

136 100

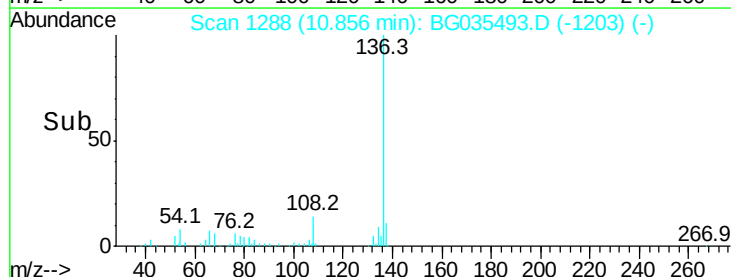
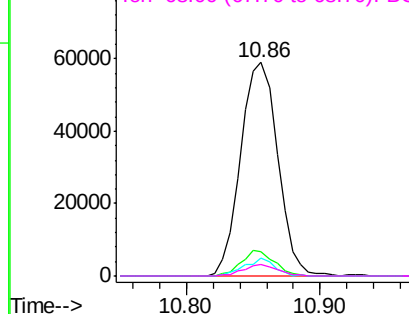
137 11.2 9.2 13.8

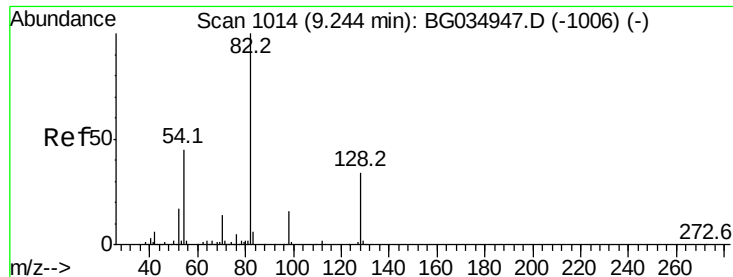
54 8.4 10.3 15.5#

68 5.6 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: 102.215 ng

RT: 9.21 min Scan# 1008

Delta R.T. -0.03 min

Lab File: BG035493.D

Acq: 29 Jun 2018 00:48

Instrument :

BNA\_G

ClientSampleId :

MW-12

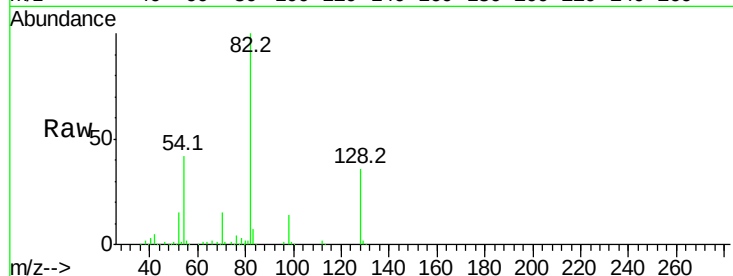
Tot Ion: 82 Resp: 244439

Ion Ratio Lower Upper

82 100

128 36.0 29.7 44.5

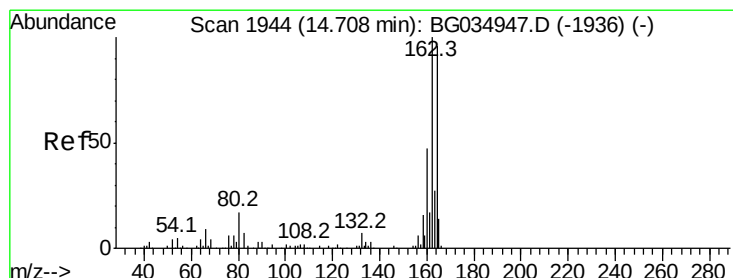
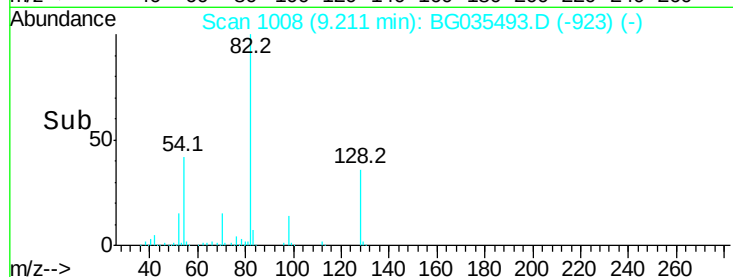
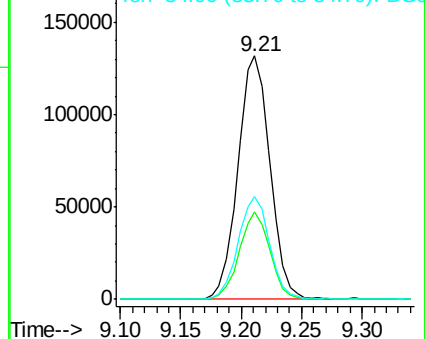
54 42.3 43.1 64.7#



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: 14.67 min Scan# 1937

Delta R.T. -0.03 min

Lab File: BG035493.D

Acq: 29 Jun 2018 00:48

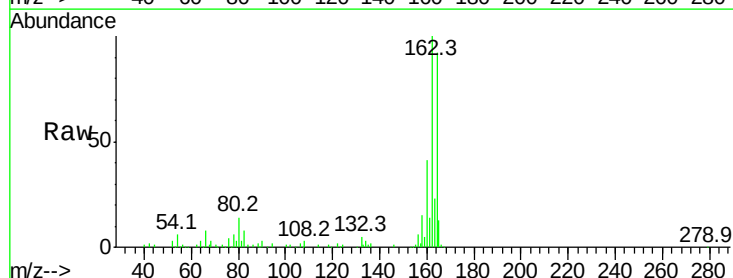
Tgt Ion:164 Resp: 83236

Ion Ratio Lower Upper

164 100

162 108.4 78.8 118.2

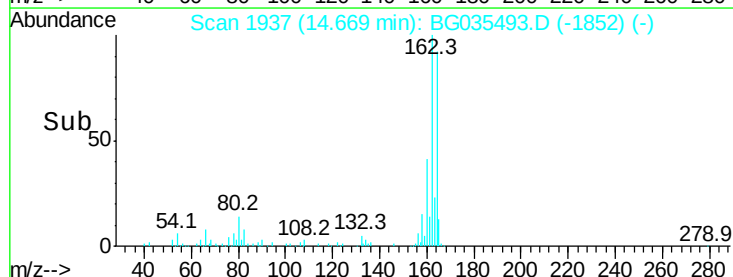
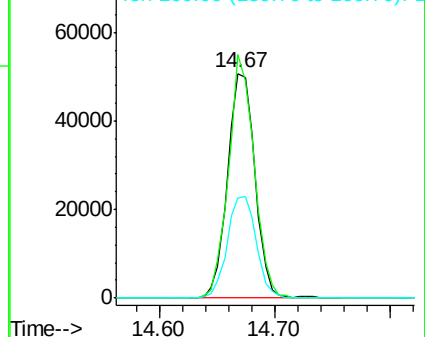
160 44.9 35.4 53.0

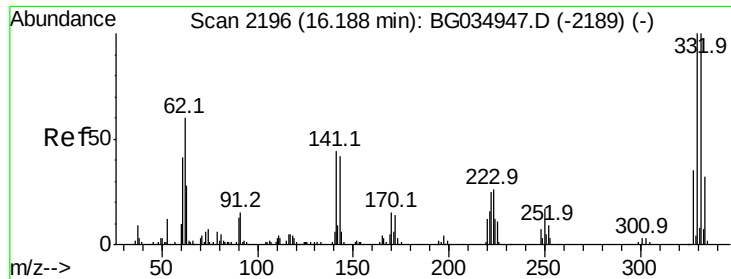


Abundance Ion 164.00 (163.70 to 164.70): BGC

Ion 162.00 (161.70 to 162.70): BGC

Ion 160.00 (159.70 to 160.70): BGC

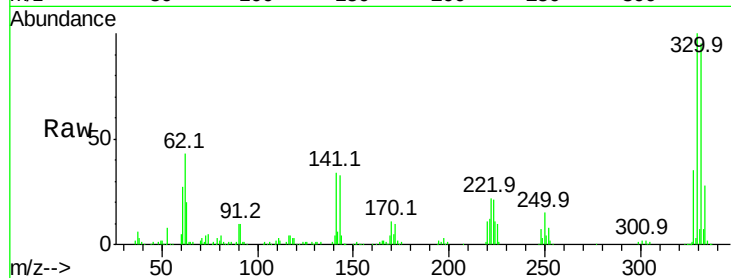




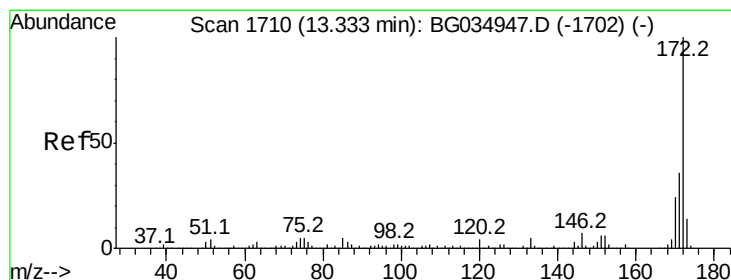
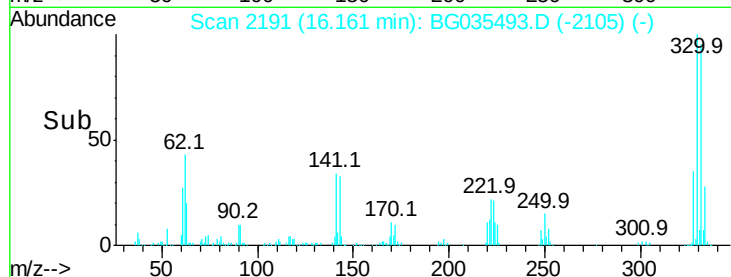
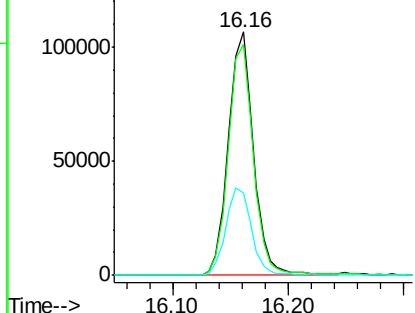
#41  
 2,4,6-Tribromophenol  
 Concen: 151.561 ng  
 RT: 16.16 min Scan# 2191  
 Delta R.T. -0.02 min  
 Lab File: BG035493.D  
 Acq: 29 Jun 2018 00:48

Instrument :  
 BNA\_G  
 ClientSampled :  
 MW-12

Tot Ion:330 Resp: 161492  
 Ion Ratio Lower Upper  
 330 100  
 332 95.0 77.0 115.6  
 141 36.7 25.2 37.8

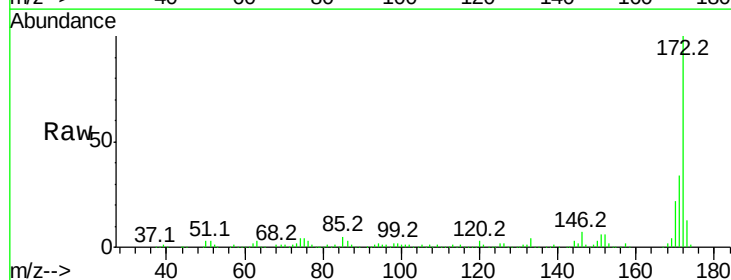


Abundance Ion 329.80 (329.50 to 330.50): E  
 Ion 331.80 (331.50 to 332.50): E  
 Ion 141.00 (140.70 to 141.70): E

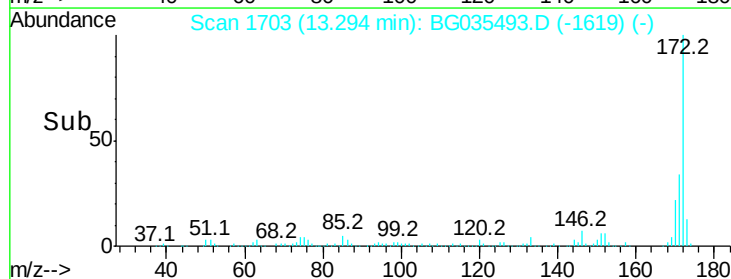
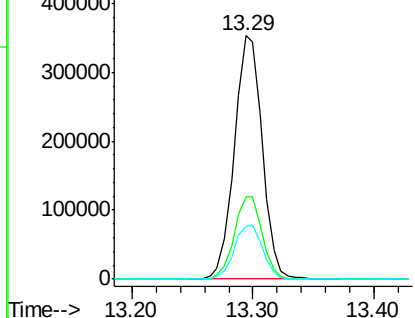


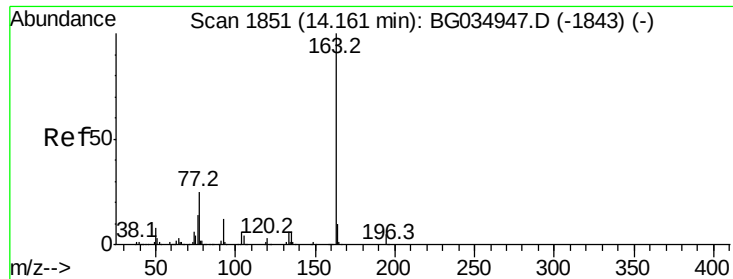
#44  
 2-Fluorobiphenyl  
 Concen: 88.489 ng  
 RT: 13.29 min Scan# 1703  
 Delta R.T. -0.03 min  
 Lab File: BG035493.D  
 Acq: 29 Jun 2018 00:48

Tgt Ion:172 Resp: 566576  
 Ion Ratio Lower Upper  
 172 100  
 171 34.0 30.0 45.0  
 170 21.7 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: 3.695 ng

RT: 14.12 min Scan# 1843

Delta R.T. -0.04 min

Lab File: BG035493.D

Acq: 29 Jun 2018 00:48

Instrument :

BNA\_G

ClientSampleId :

MW-12

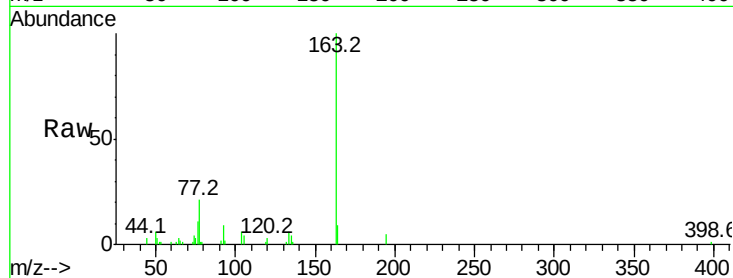
Tot Ion:163 Resp: 26822

Ion Ratio Lower Upper

163 100

194 5.2 3.4 5.2

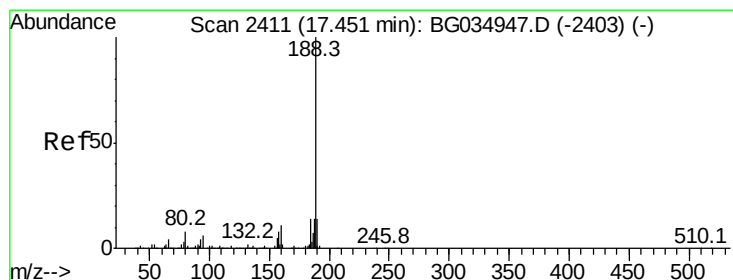
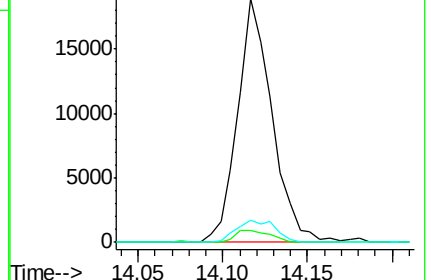
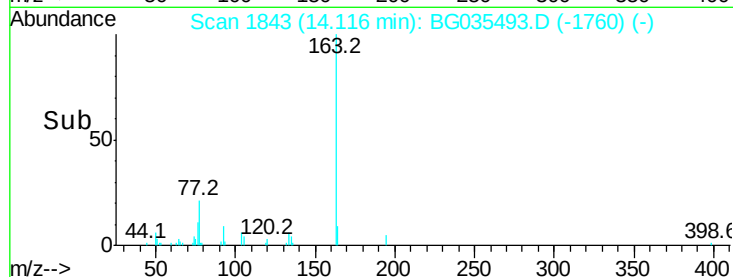
164 9.1 8.2 12.4



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# 2405

Delta R.T. -0.02 min

Lab File: BG035493.D

Acq: 29 Jun 2018 00:48

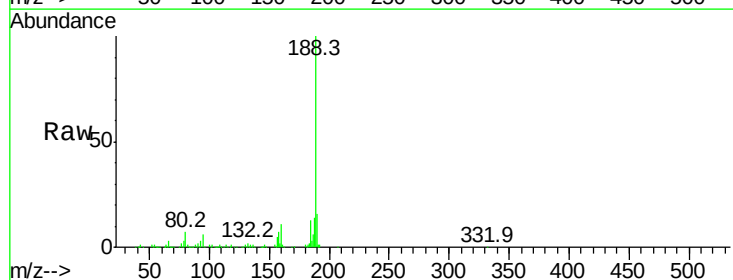
Tgt Ion:188 Resp: 218766

Ion Ratio Lower Upper

188 100

94 5.9 6.9 10.3#

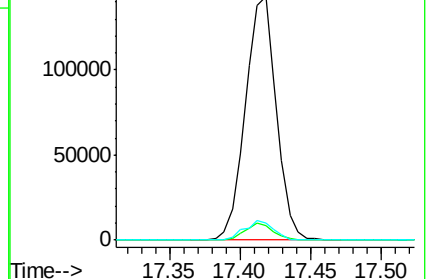
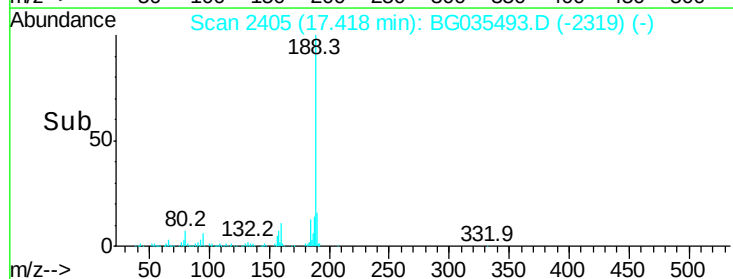
80 6.9 7.7 11.5#

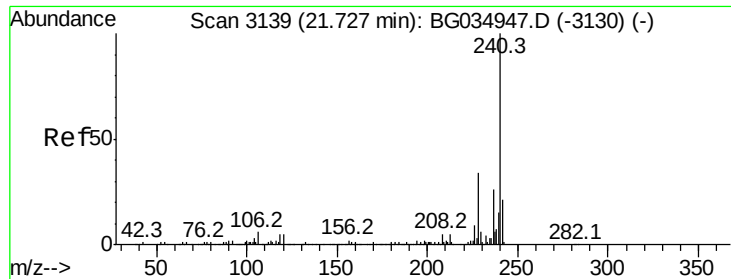


Abundance Ion 188.00 (187.70 to 188.70): E

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: 21.68 min Scan# 3131

Delta R.T. -0.03 min

Lab File: BG035493.D

Acq: 29 Jun 2018 00:48

Instrument :

BNA\_G

ClientSampleId :

MW-12

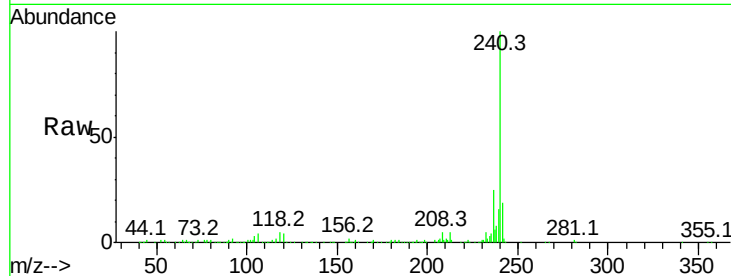
Tot Ion:240 Resp: 231336

Ion Ratio Lower Upper

240 100

120 4.5 6.8 10.2#

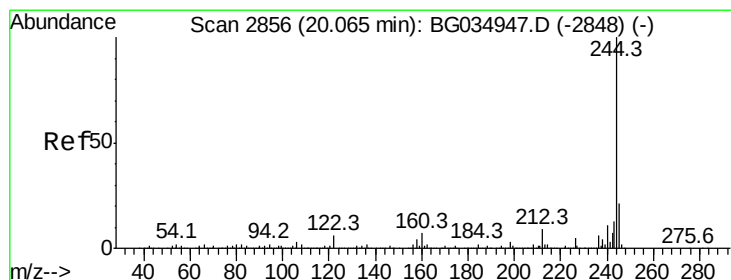
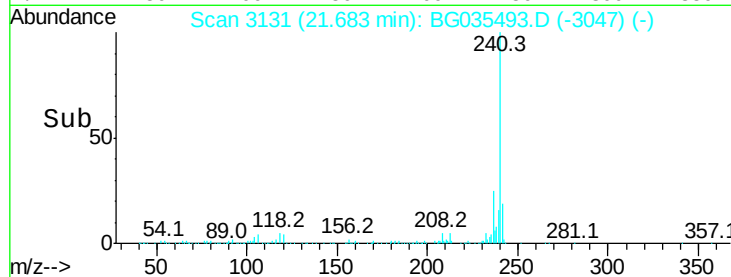
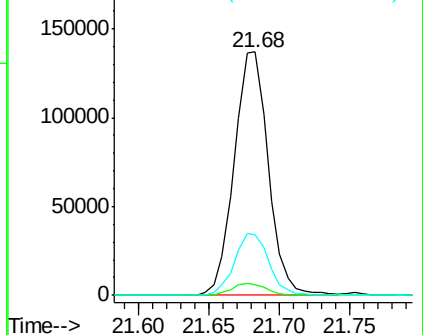
236 24.8 20.9 31.3



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: 93.473 ng

RT: 20.02 min Scan# 2848

Delta R.T. -0.03 min

Lab File: BG035493.D

Acq: 29 Jun 2018 00:48

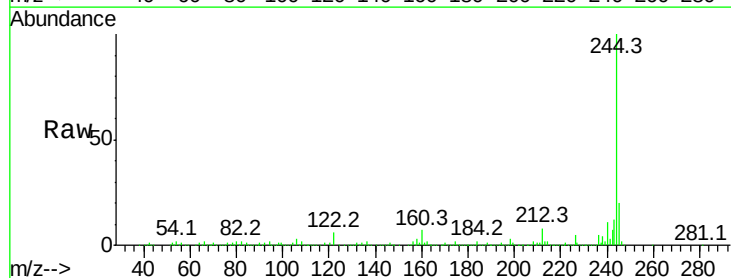
Tgt Ion:244 Resp: 1032318

Ion Ratio Lower Upper

244 100

212 8.3 5.8 8.8

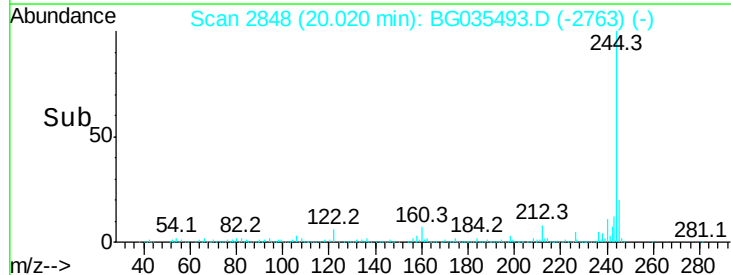
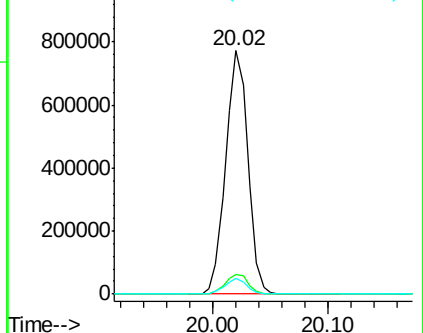
122 6.5 7.0 10.4#



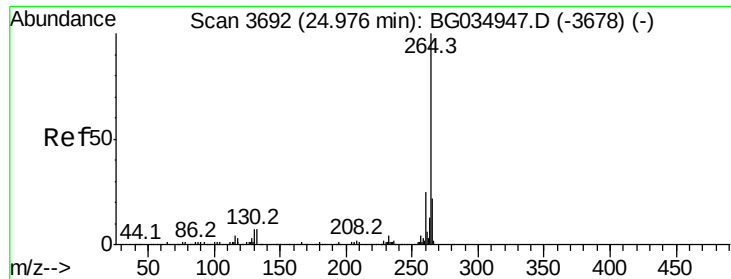
Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



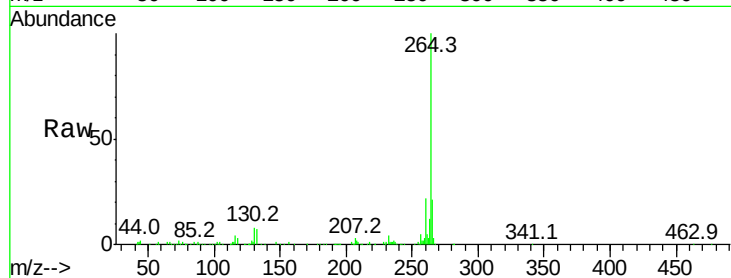




#86  
Pervlene-d12  
Concen: 20.000 ng  
RT: 24.90 min Scan# 3678  
Delta R.T. -0.06 min  
Lab File: BG035493.D  
Acq: 29 Jun 2018 00:48

Instrument :  
BNA\_G  
ClientSampleId :  
MW-12

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 264     | 100   |       |       |
| 260     | 22.0  | 17.4  | 26.0  |
| 265     | 21.2  | 17.7  | 26.5  |



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

