

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG071618\  
 Data File : BG035669.D  
 Acq On : 16 Jul 2018 14:41  
 Operator : JU/SJ  
 Sample : J3964-01  
 Misc :  
 ALS Vial : 9 Sample Multiplier: 1

Instrument :  
 BNA\_G  
 ClientSampleId :  
 N48967

Quant Time: Jul 16 16:43:20 2018  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG071218.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Thu Jul 12 14:43:32 2018  
 Response via : Initial Calibration

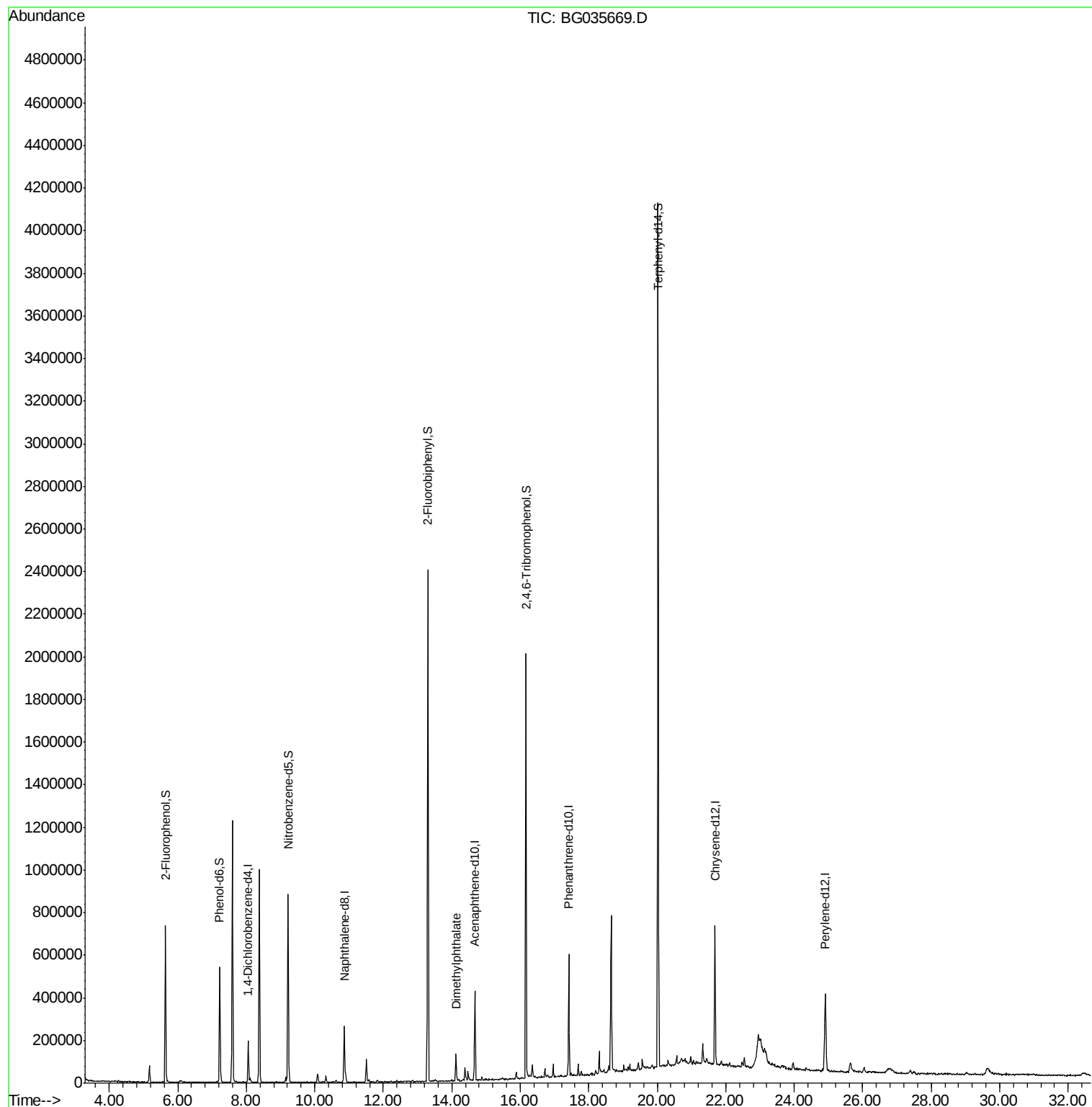
| Internal Standards          | R.T.  | QIon | Response | Conc   | Units | Dev(Min)  |
|-----------------------------|-------|------|----------|--------|-------|-----------|
| 1) 1,4-Dichlorobenzene-d4   | 8.06  | 152  | 54295    | 20.00  | ng    | 0.00      |
| 21) Naphthalene-d8          | 10.86 | 136  | 217435   | 20.00  | ng    | 0.00      |
| 38) Acenaphthene-d10        | 14.68 | 164  | 144742   | 20.00  | ng    | 0.00      |
| 63) Phenanthrene-d10        | 17.42 | 188  | 369637   | 20.00  | ng    | 0.00      |
| 75) Chrysene-d12            | 21.69 | 240  | 389666   | 20.00  | ng    | 0.00      |
| 86) Perylene-d12            | 24.90 | 264  | 380726   | 20.00  | ng    | -0.01     |
| System Monitoring Compounds |       |      |          |        |       |           |
| 5) 2-Fluorophenol           | 5.64  | 112  | 312173   | 95.46  | ng    | 0.00      |
| 7) Phenol-d6                | 7.22  | 99   | 317567   | 65.08  | ng    | 0.00      |
| 23) Nitrobenzene-d5         | 9.22  | 82   | 573716   | 110.23 | ng    | 0.00      |
| 41) 2,4,6-Tribromophenol    | 16.17 | 330  | 358800   | 188.07 | ng    | 0.00      |
| 44) 2-Fluorobiphenyl        | 13.30 | 172  | 1278189  | 118.31 | ng    | 0.00      |
| 78) Terphenyl-d14           | 20.02 | 244  | 1872951  | 105.95 | ng    | 0.00      |
| Target Compounds            |       |      |          |        |       |           |
| 49) Dimethylphthalate       | 14.12 | 163  | 80338    | 6.335  | ng    | Qvalue 97 |

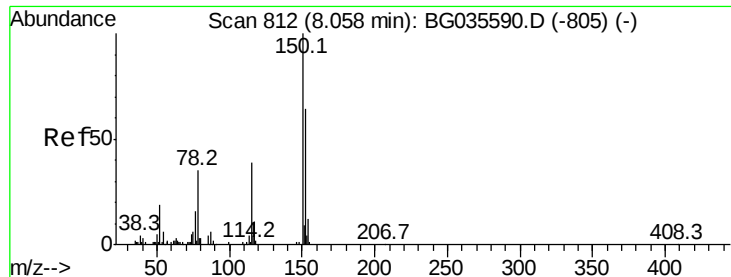
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG071618\  
Data File : BG035669.D  
Acq On : 16 Jul 2018 14:41  
Operator : JU/SJ  
Sample : J3964-01  
Misc :  
ALS Vial : 9 Sample Multiplier: 1

Instrument :  
BNA\_G  
ClientSampleId :  
N48967

Quant Time: Jul 16 16:43:20 2018  
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG071218.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
QLast Update : Thu Jul 12 14:43:32 2018  
Response via : Initial Calibration



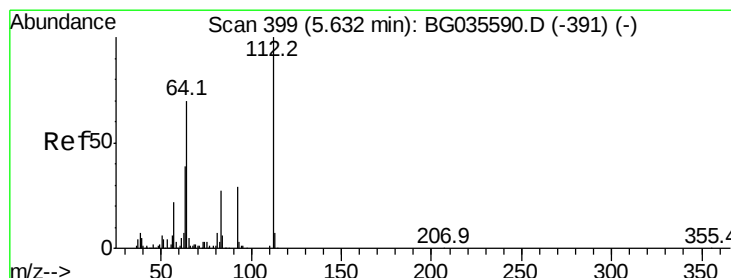
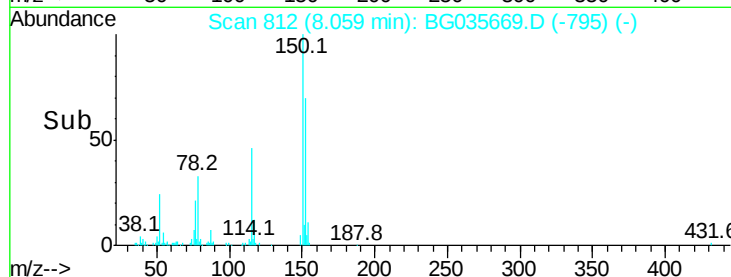
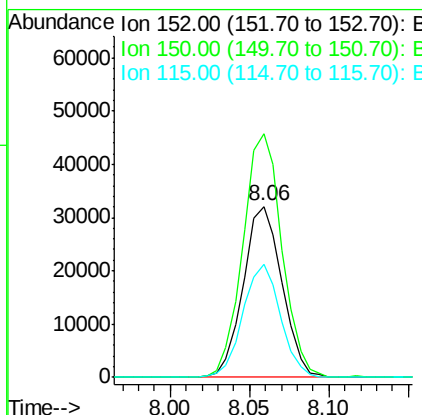
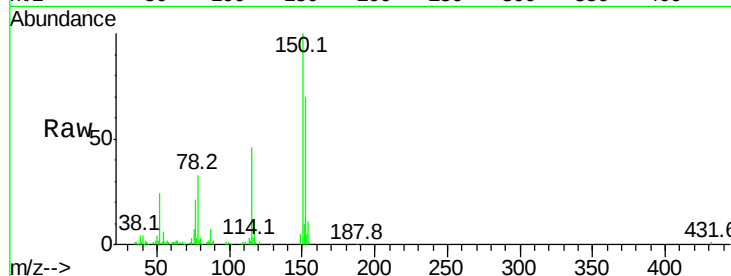


#1

1,4-Dichlorobenzene-d4  
Concen: 20.000 ng  
RT: 8.06 min Scan# 812  
Delta R.T. 0.00 min  
Lab File: BG035669.D  
Acq: 16 Jul 2018 14:41

Instrument :  
BNA\_G  
ClientSampleId :  
N48967

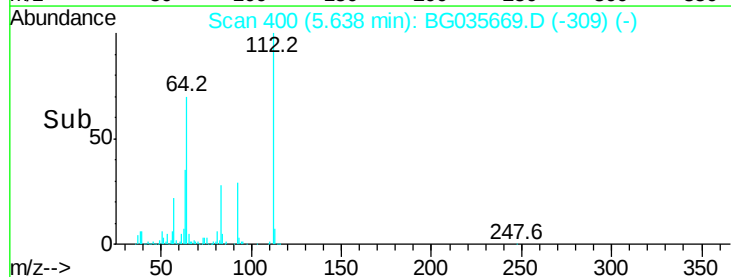
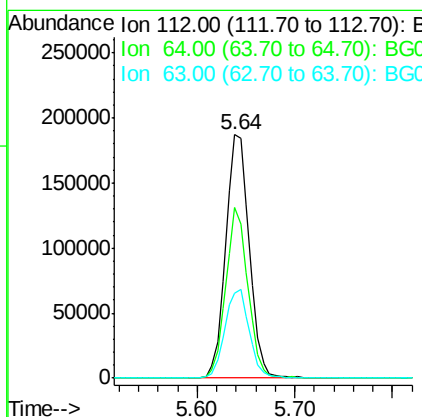
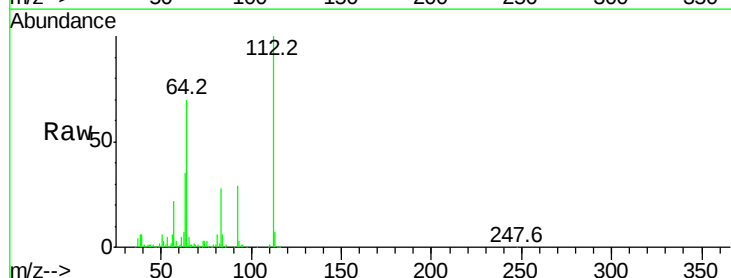
| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 152     | 100   |       |       |
| 150     | 142.2 | 126.6 | 189.8 |
| 115     | 65.7  | 53.0  | 79.4  |



#5

2-Fluorophenol  
Concen: 95.456 ng  
RT: 5.64 min Scan# 400  
Delta R.T. 0.01 min  
Lab File: BG035669.D  
Acq: 16 Jul 2018 14:41

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 112     | 100   |       |       |
| 64      | 69.9  | 56.3  | 84.5  |
| 63      | 34.9  | 30.1  | 45.1  |





#7

Phenol-d6

Concen: 65.085 ng

RT: 7.22 min Scan# 670

Delta R.T. 0.01 min

Lab File: BG035669.D

Acq: 16 Jul 2018 14:41

Instrument :

BNA\_G

ClientSampleId :

N48967

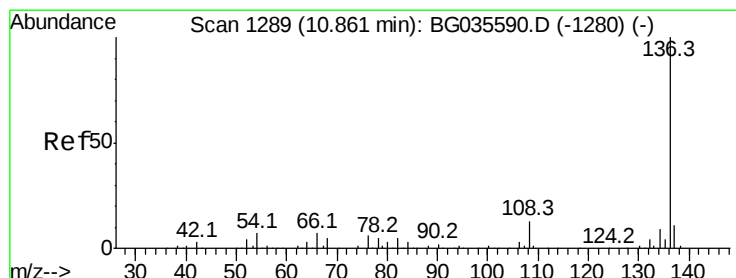
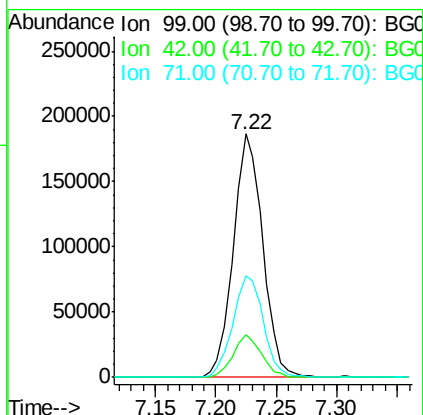
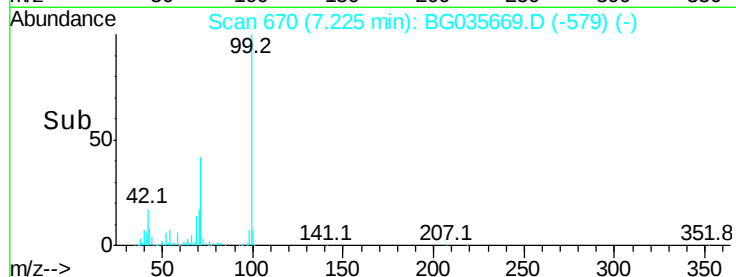
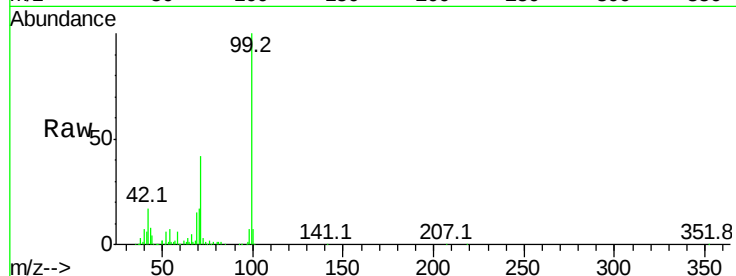
Tot Ion: 99 Resp: 317567

Ion Ratio Lower Upper

99 100

42 17.4 14.1 21.1

71 41.8 26.1 39.1#



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.86 min Scan# 1289

Delta R.T. 0.00 min

Lab File: BG035669.D

Acq: 16 Jul 2018 14:41

Tgt Ion:136 Resp: 217435

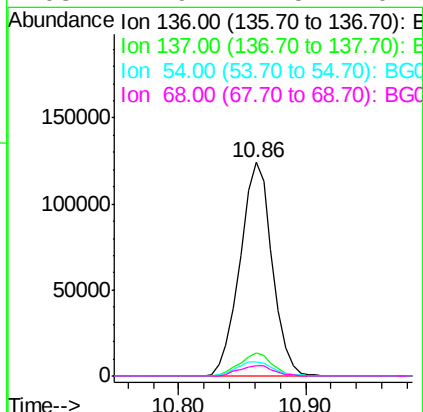
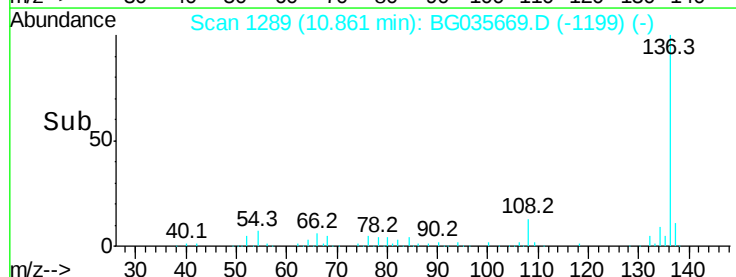
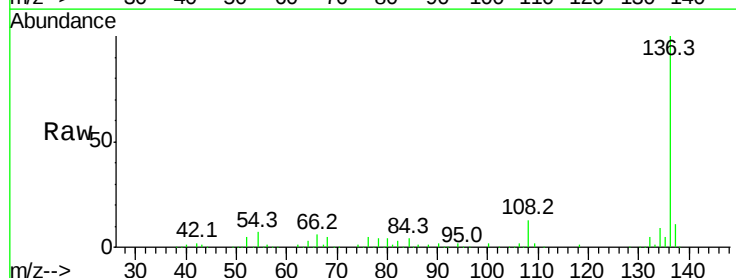
Ion Ratio Lower Upper

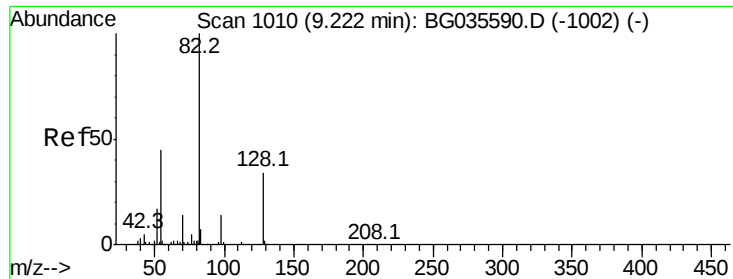
136 100

137 10.9 9.2 13.8

54 6.9 10.3 15.5#

68 4.9 4.5 6.7





#23

Nitrobenzene-d5

Concen: 110.225 ng

RT: 9.22 min Scan# 1010

Delta R.T. 0.00 min

Lab File: BG035669.D

Acq: 16 Jul 2018 14:41

Instrument :

BNA\_G

ClientSampleId :

N48967

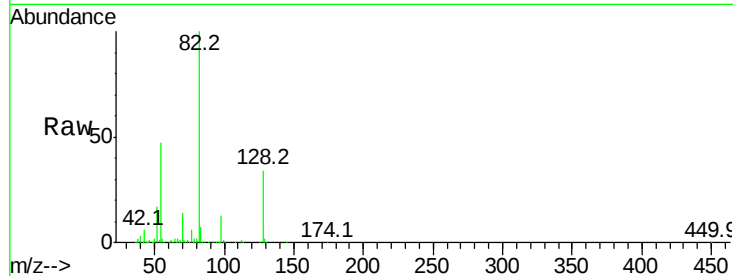
Tot Ion: 82 Resp: 573716

Ion Ratio Lower Upper

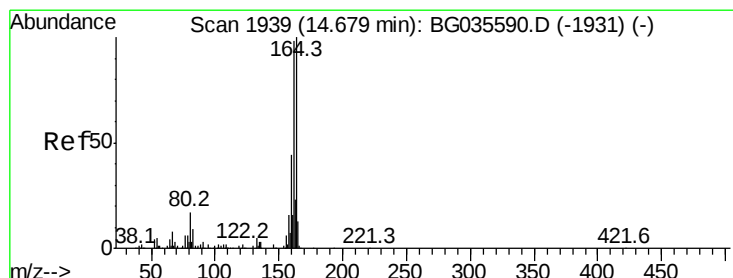
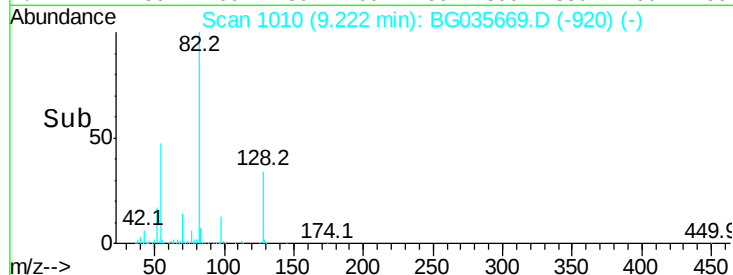
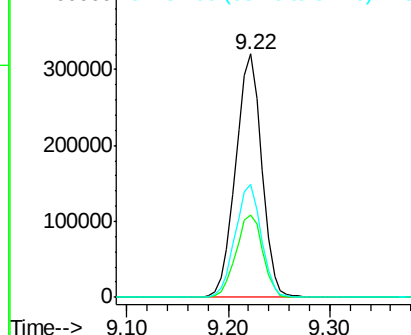
82 100

128 33.9 29.7 44.5

54 46.7 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. 0.00 min

Lab File: BG035669.D

Acq: 16 Jul 2018 14:41

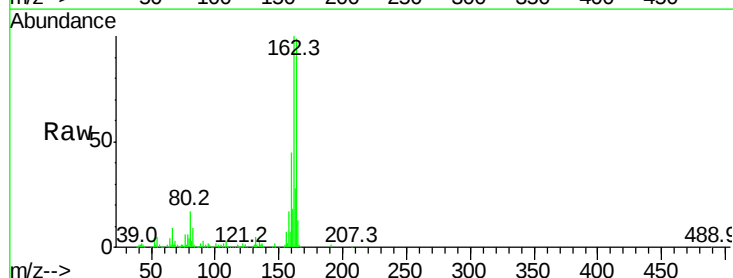
Tgt Ion: 164 Resp: 144742

Ion Ratio Lower Upper

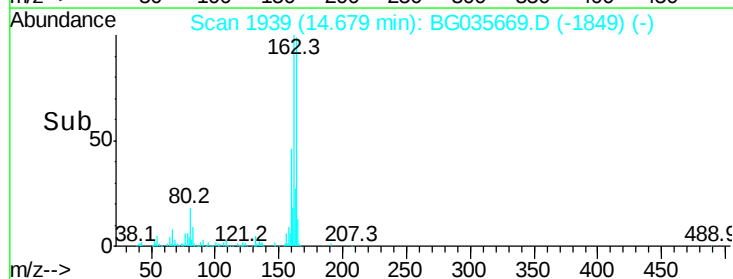
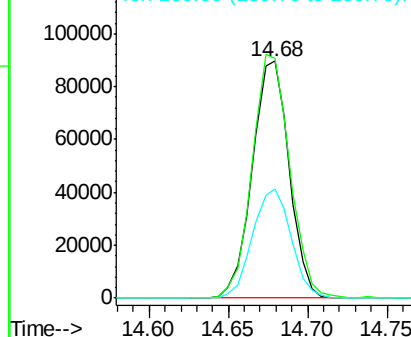
164 100

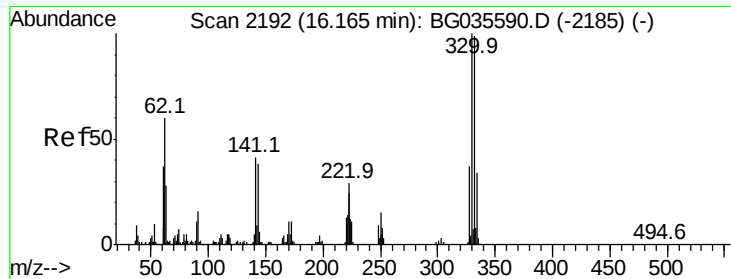
162 101.5 78.8 118.2

160 46.2 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

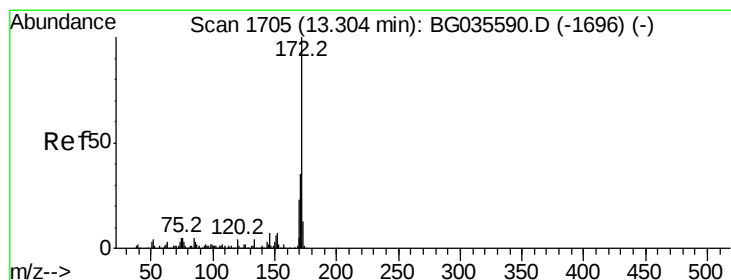
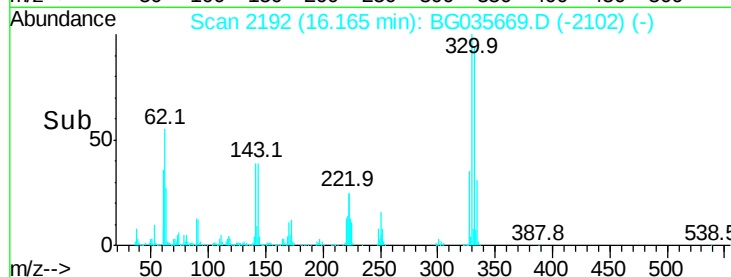
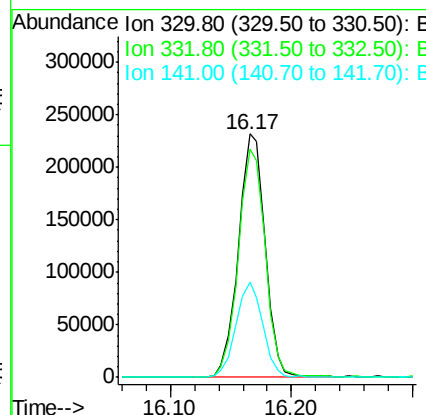
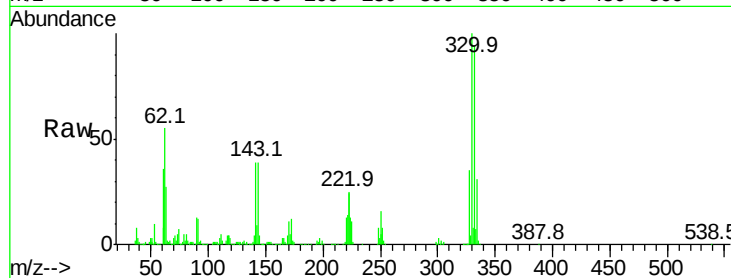




#41  
 2,4,6-Tribromophenol  
 Concen: 188.071 ng  
 RT: 16.17 min Scan# 2192  
 Delta R.T. 0.00 min  
 Lab File: BG035669.D  
 Acq: 16 Jul 2018 14:41

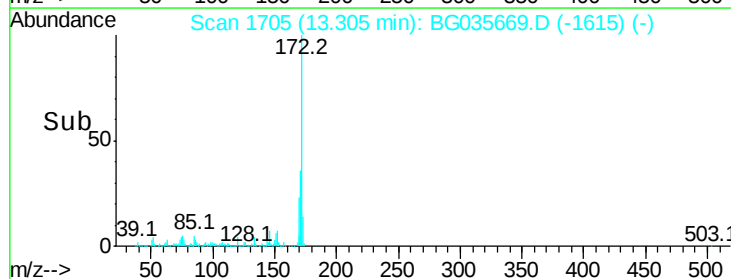
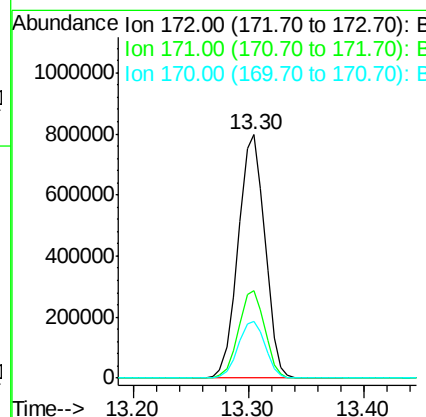
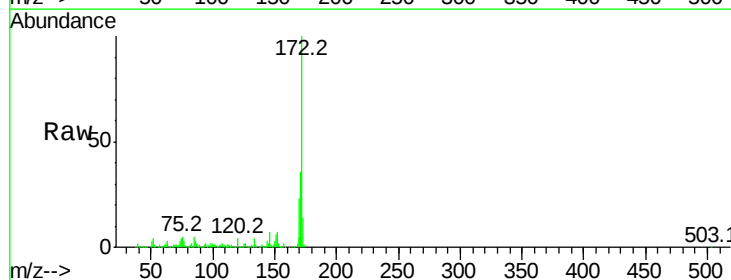
Instrument :  
 BNA\_G  
 ClientSampleId :  
 N48967

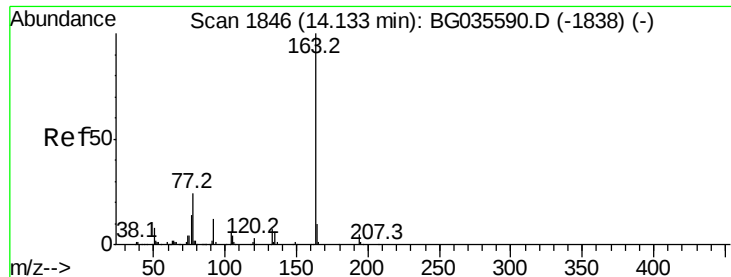
Tot Ion:330 Resp: 358800  
 Ion Ratio Lower Upper  
 330 100  
 332 94.7 77.0 115.6  
 141 39.4 25.2 37.8#



#44  
 2-Fluorobiphenyl  
 Concen: 118.310 ng  
 RT: 13.30 min Scan# 1705  
 Delta R.T. 0.00 min  
 Lab File: BG035669.D  
 Acq: 16 Jul 2018 14:41

Tgt Ion:172 Resp: 1278189  
 Ion Ratio Lower Upper  
 172 100  
 171 36.1 30.0 45.0  
 170 23.2 19.5 29.3

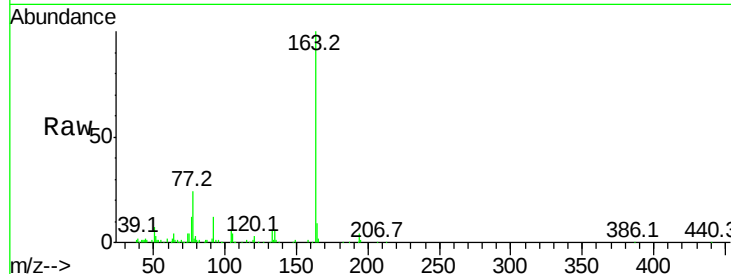




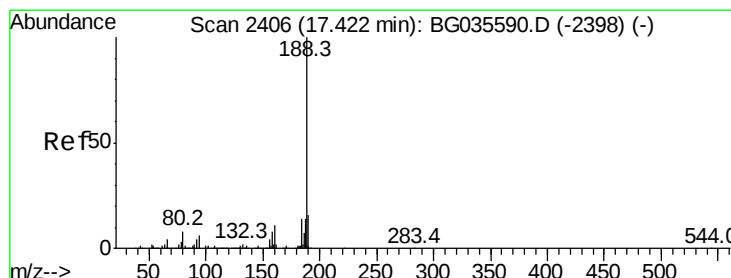
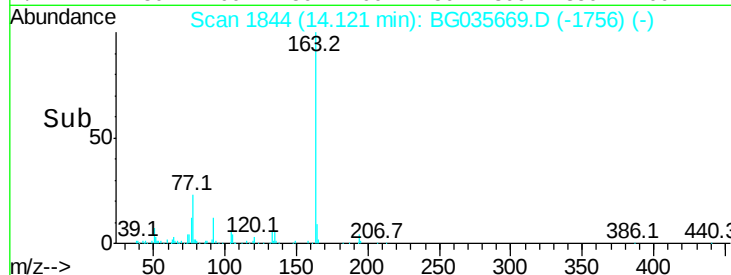
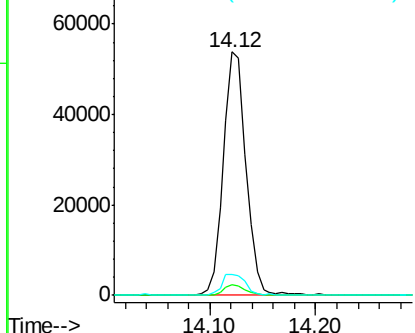
#49  
Dimethylphthalate  
Concen: 6.335 ng  
RT: 14.12 min Scan# 1844  
Delta R.T. -0.01 min  
Lab File: BG035669.D  
Acq: 16 Jul 2018 14:41

Instrument :  
BNA\_G  
ClientSampleId :  
N48967

Tot Ion:163 Resp: 80338  
Ion Ratio Lower Upper  
163 100  
194 4.4 3.4 5.2  
164 8.7 8.2 12.4

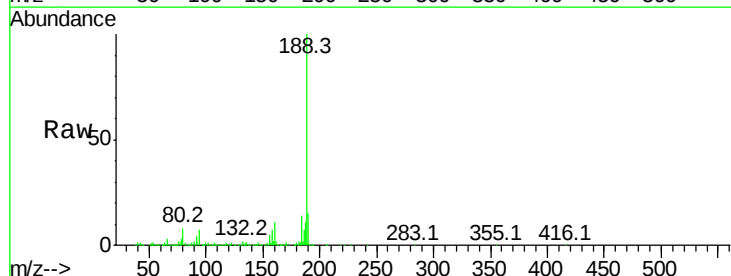


Abundance Ion 163.00 (162.70 to 163.70): E  
Ion 194.00 (193.70 to 194.70): E  
Ion 164.00 (163.70 to 164.70): E

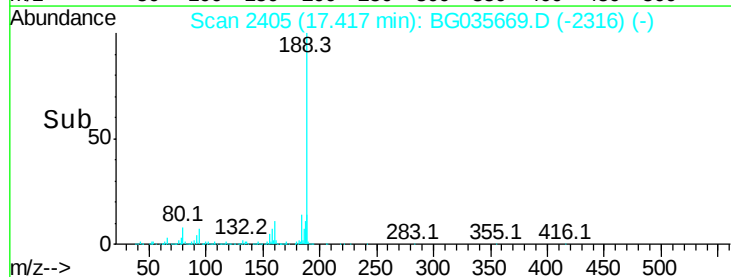
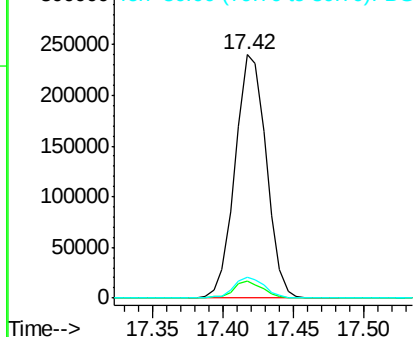


#63  
Phenanthrene-d10  
Concen: 20.000 ng  
RT: 17.42 min Scan# 2405  
Delta R.T. -0.01 min  
Lab File: BG035669.D  
Acq: 16 Jul 2018 14:41

Tgt Ion:188 Resp: 369637  
Ion Ratio Lower Upper  
188 100  
94 7.2 6.9 10.3  
80 8.4 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. 0.00 min

Lab File: BG035669.D

Acq: 16 Jul 2018 14:41

Instrument :

BNA\_G

ClientSampleId :

N48967

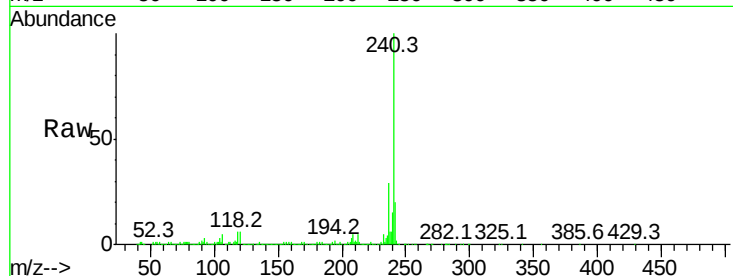
Tot Ion:240 Resp: 389666

Ion Ratio Lower Upper

240 100

120 6.1 6.8 10.2#

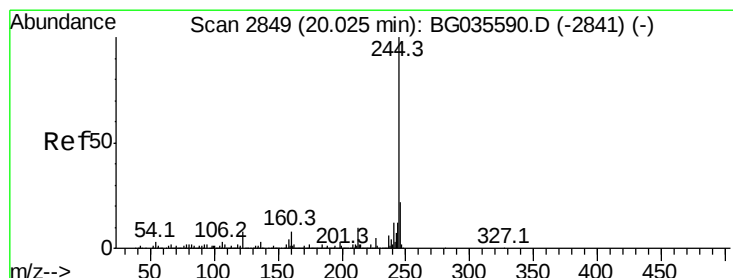
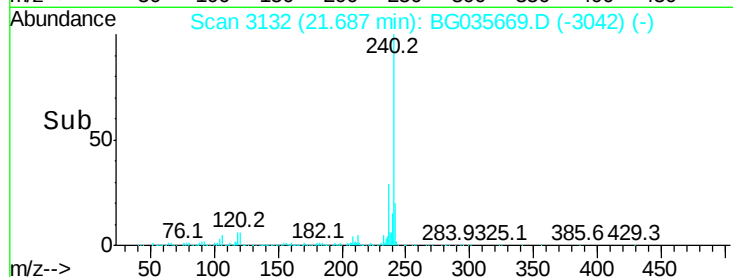
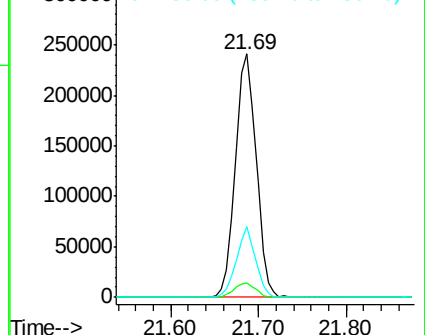
236 29.0 20.9 31.3



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: 105.951 ng

RT: 20.02 min Scan# 2849

Delta R.T. 0.00 min

Lab File: BG035669.D

Acq: 16 Jul 2018 14:41

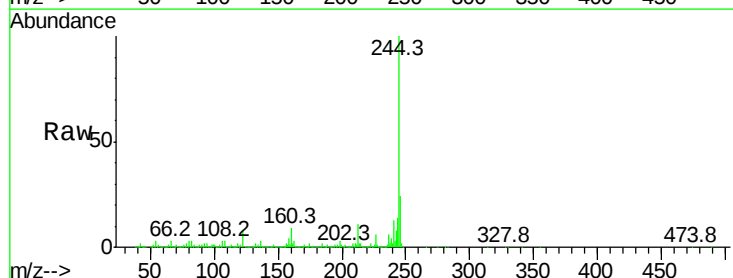
Tgt Ion:244 Resp: 1872951

Ion Ratio Lower Upper

244 100

212 10.5 5.8 8.8#

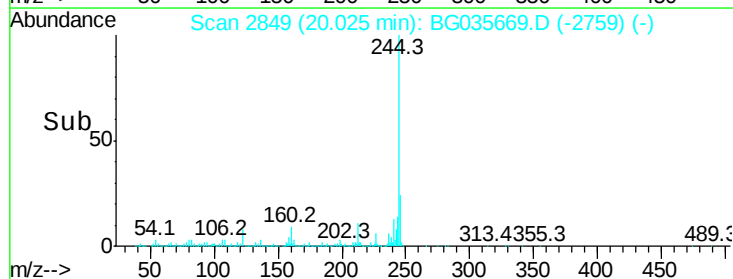
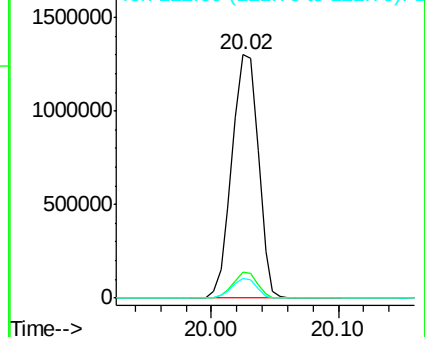
122 8.1 7.0 10.4

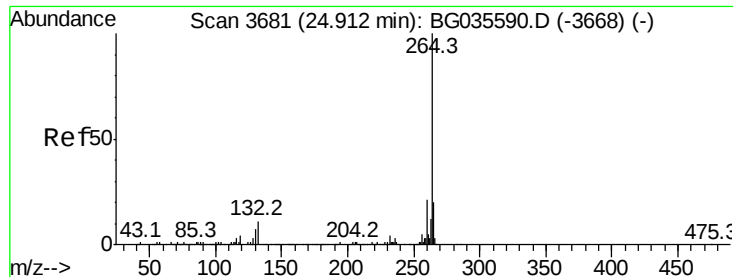


Abundance Ion 244.00 (243.70 to 244.70): E

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# 3679  
 Delta R.T. -0.01 min  
 Lab File: BG035669.D  
 Acq: 16 Jul 2018 14:41

Instrument :  
 BNA\_G  
 ClientSampleId :  
 N48967

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 264     | 100   |       |       |
| 260     | 24.5  | 17.4  | 26.0  |
| 265     | 21.2  | 17.7  | 26.5  |

