

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG071318\  
 Data File : BG035629.D  
 Acq On : 13 Jul 2018 14:52  
 Operator : JU/SJ  
 Sample : J3947-11  
 Misc :  
 ALS Vial : 6 Sample Multiplier: 1

Instrument :  
 BNA\_G  
 ClientSampleId :  
 OLD-FOOTING-2

Quant Time: Jul 13 17:17:16 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

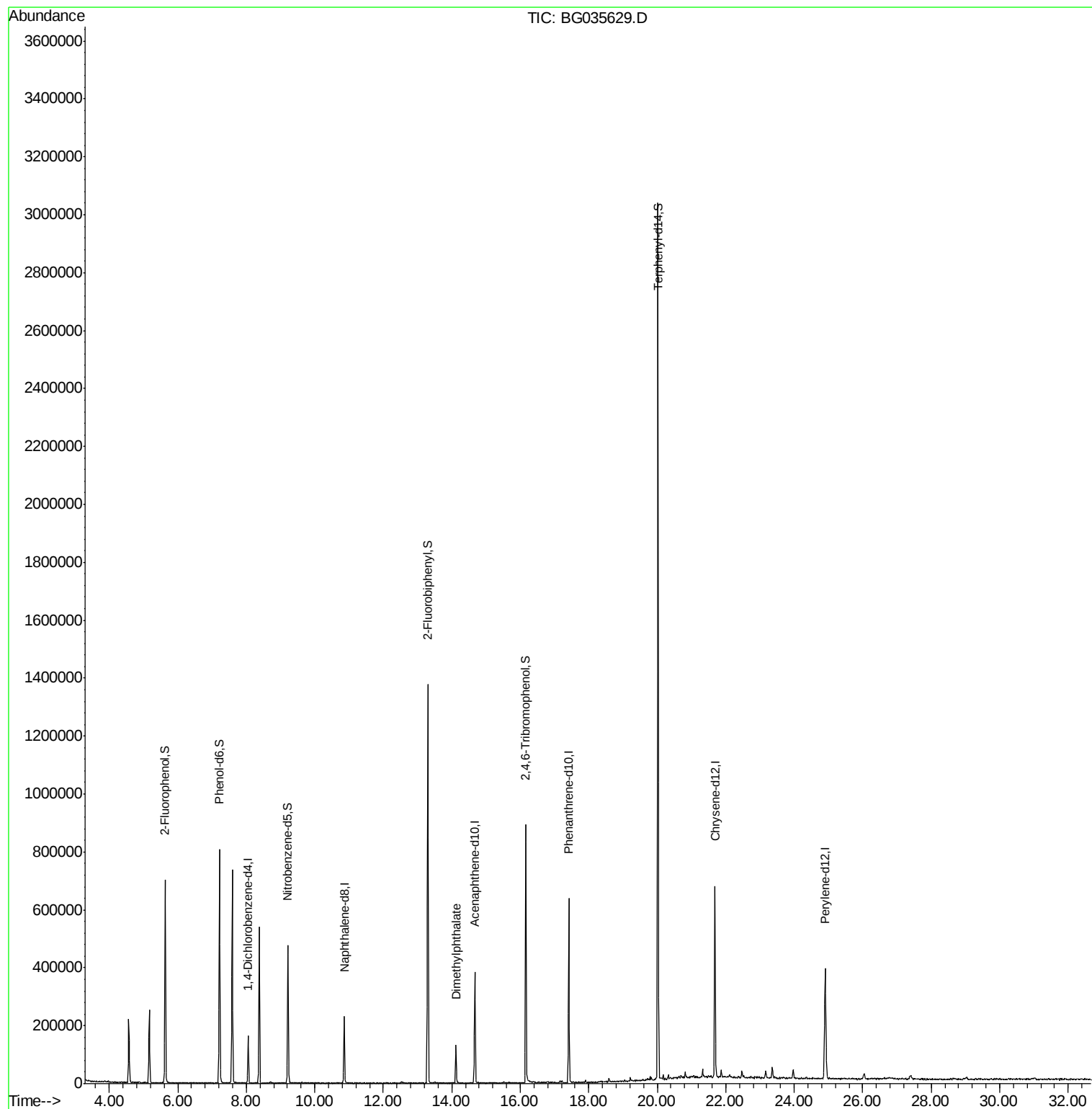
| Internal Standards          | R.T.  | QIon | Response | Conc   | Units | Dev(Min)       |
|-----------------------------|-------|------|----------|--------|-------|----------------|
| 1) 1,4-Dichlorobenzene-d4   | 8.06  | 152  | 45881    | 20.00  | ng    | 0.00           |
| 21) Naphthalene-d8          | 10.86 | 136  | 184965   | 20.00  | ng    | 0.00           |
| 38) Acenaphthene-d10        | 14.67 | 164  | 136796   | 20.00  | ng    | 0.00           |
| 63) Phenanthrene-d10        | 17.42 | 188  | 399867   | 20.00  | ng    | 0.00           |
| 75) Chrysene-d12            | 21.68 | 240  | 420760   | 20.00  | ng    | 0.00           |
| 86) Perylene-d12            | 24.91 | 264  | 392851   | 20.00  | ng    | 0.00           |
| System Monitoring Compounds |       |      |          |        |       |                |
| 5) 2-Fluorophenol           | 5.63  | 112  | 289091   | 104.61 | ng    | 0.00           |
| 7) Phenol-d6                | 7.22  | 99   | 473904   | 114.94 | ng    | 0.00           |
| 23) Nitrobenzene-d5         | 9.22  | 82   | 315395   | 71.23  | ng    | 0.00           |
| 41) 2,4,6-Tribromophenol    | 16.17 | 330  | 162613   | 90.19  | ng    | 0.00           |
| 44) 2-Fluorobiphenyl        | 13.30 | 172  | 740074   | 72.48  | ng    | 0.00           |
| 78) Terphenyl-d14           | 20.02 | 244  | 1406351  | 73.68  | ng    | 0.00           |
| Target Compounds            |       |      |          |        |       |                |
| 49) Dimethylphthalate       | 14.12 | 163  | 88759    | 7.406  | ng    | Qvalue<br># 96 |

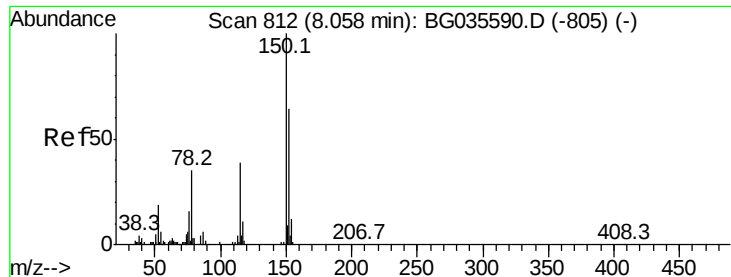
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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BNA\_G  
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Quant Time: Jul 13 17:17:16 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



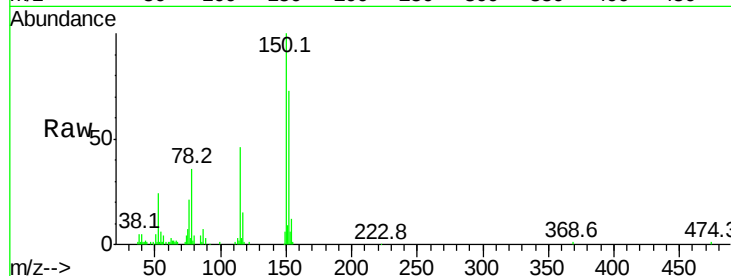


#1

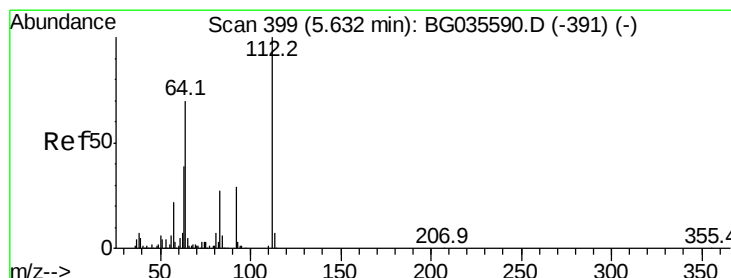
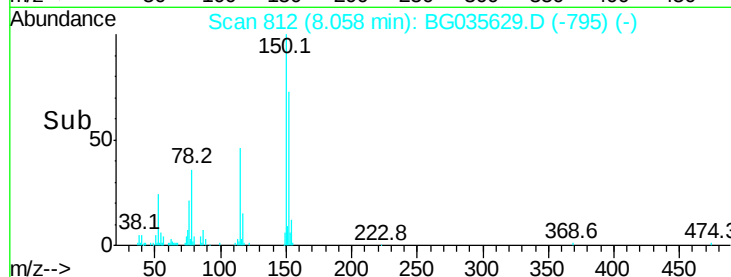
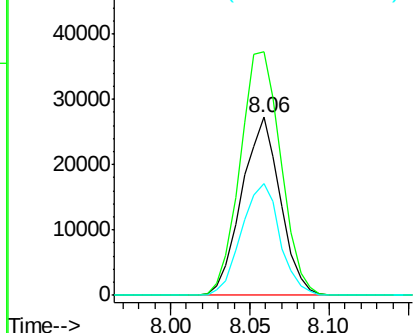
1,4-Dichlorobenzene-d4  
Concen: 20.000 ng  
RT: 8.06 min Scan# 812  
Delta R.T. 0.00 min  
Lab File: BG035629.D  
Acq: 13 Jul 2018 14:52

Instrument :  
BNA\_G  
ClientSampleId :  
OLD-FOOTING-2

Tot Ion:152 Resp: 45881  
Ion Ratio Lower Upper  
152 100  
150 137.0 126.6 189.8  
115 63.1 53.0 79.4



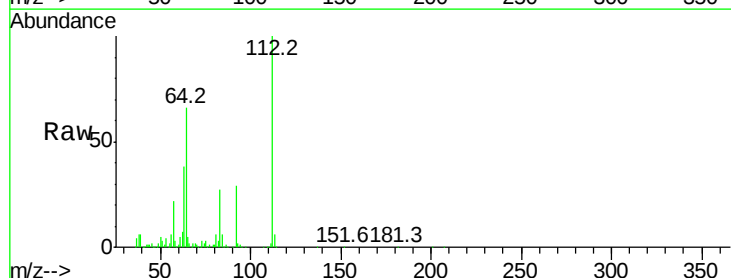
Abundance Ion 152.00 (151.70 to 152.70): E  
Ion 150.00 (149.70 to 150.70): E  
Ion 115.00 (114.70 to 115.70): E



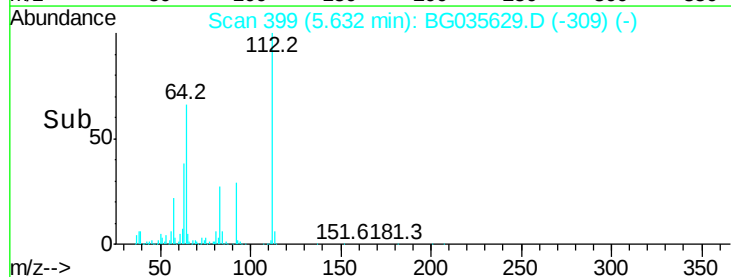
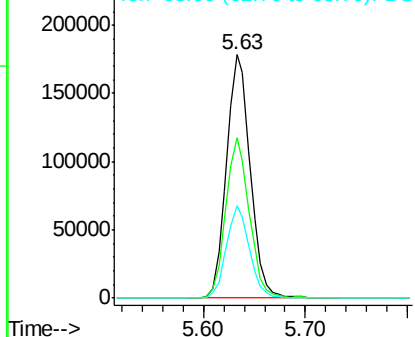
#5

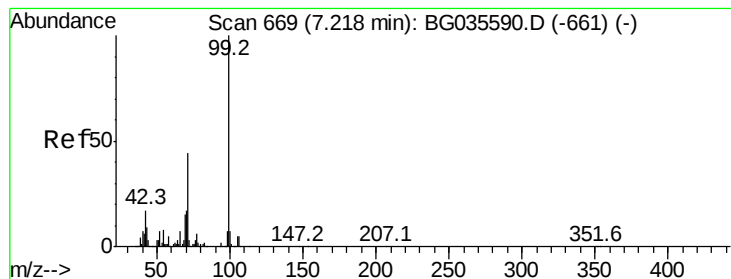
2-Fluorophenol  
Concen: 104.610 ng  
RT: 5.63 min Scan# 399  
Delta R.T. 0.00 min  
Lab File: BG035629.D  
Acq: 13 Jul 2018 14:52

Tgt Ion:112 Resp: 289091  
Ion Ratio Lower Upper  
112 100  
64 66.0 56.3 84.5  
63 38.1 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: 114.937 ng

RT: 7.22 min Scan# 669

Delta R.T. 0.00 min

Lab File: BG035629.D

Acq: 13 Jul 2018 14:52

Instrument :

BNA\_G

ClientSampleId :

OLD-FOOTING-2

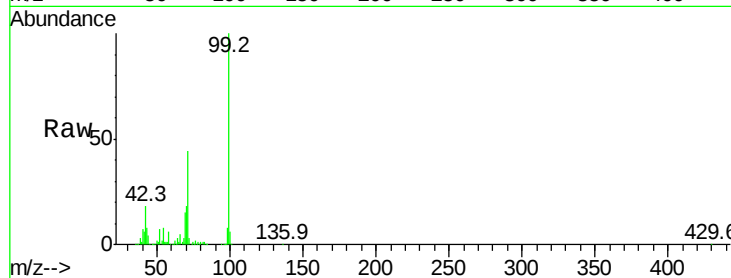
Tot Ion: 99 Resp: 473904

Ion Ratio Lower Upper

99 100

42 17.6 14.1 21.1

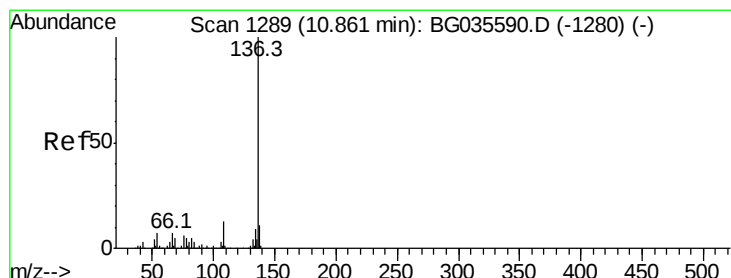
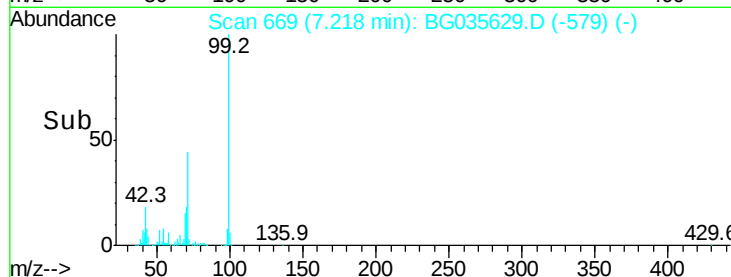
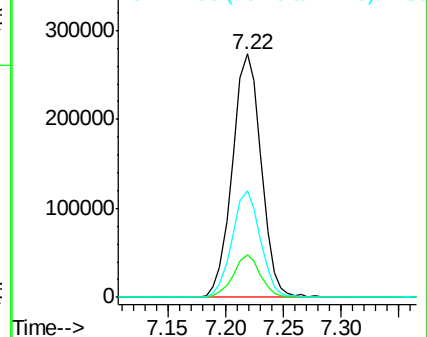
71 43.8 26.1 39.1#



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. 0.00 min

Lab File: BG035629.D

Acq: 13 Jul 2018 14:52

Tgt Ion:136 Resp: 184965

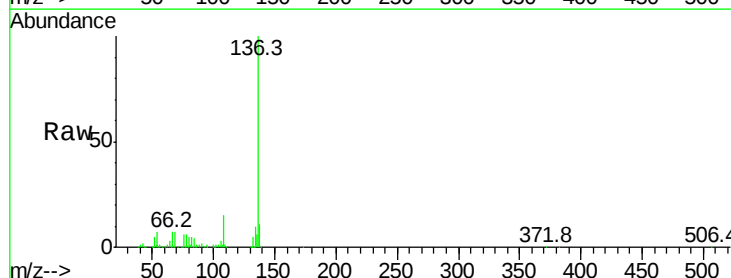
Ion Ratio Lower Upper

136 100

137 11.2 9.2 13.8

54 7.3 10.3 15.5#

68 7.2 4.5 6.7#

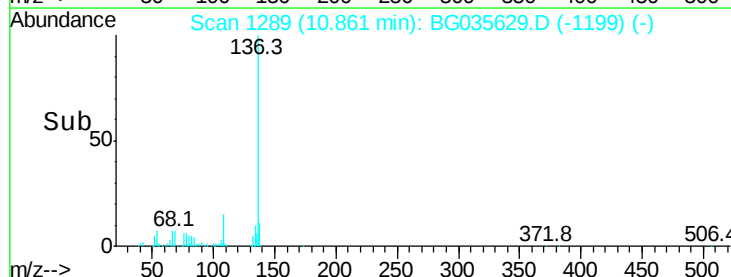
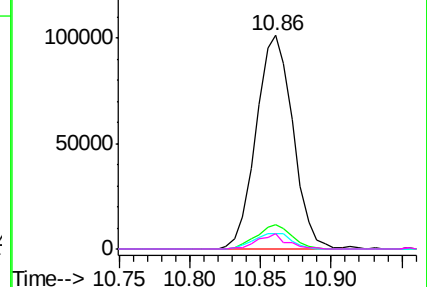


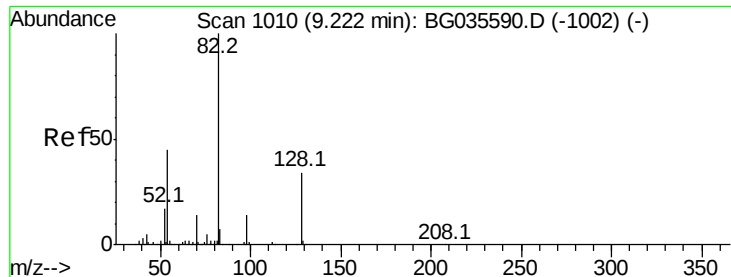
Abundance Ion 136.00 (135.70 to 136.70): BGC

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

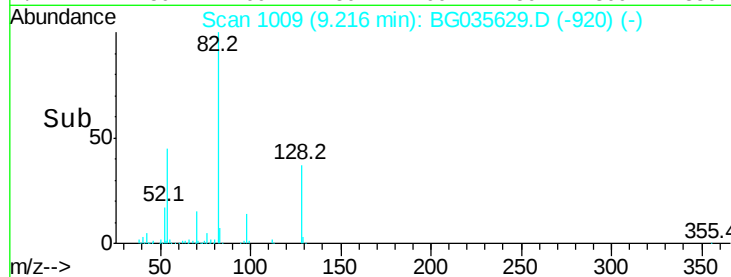
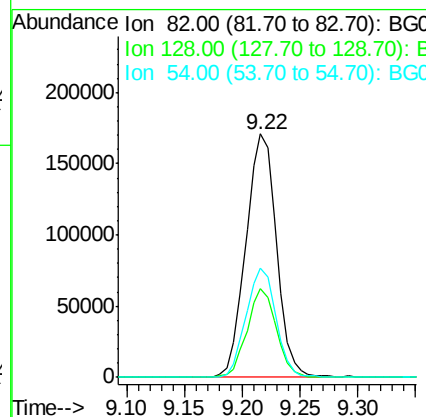
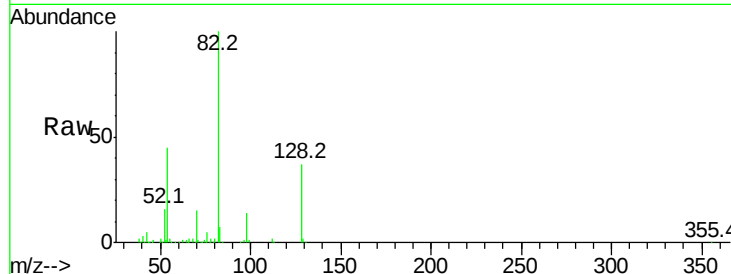




#23  
Nitrobenzene-d5  
Concen: 71.233 ng  
RT: 9.22 min Scan# 1009  
Delta R.T. -0.01 min  
Lab File: BG035629.D  
Acq: 13 Jul 2018 14:52

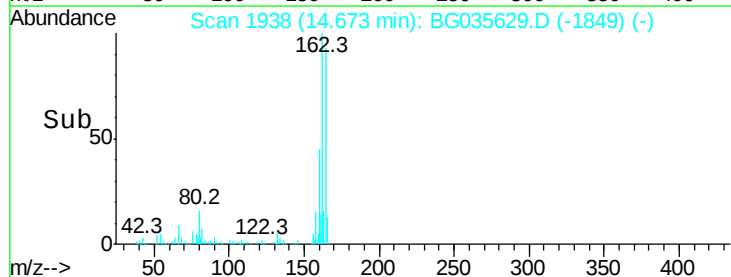
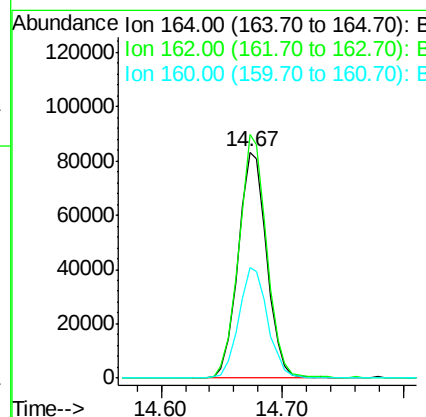
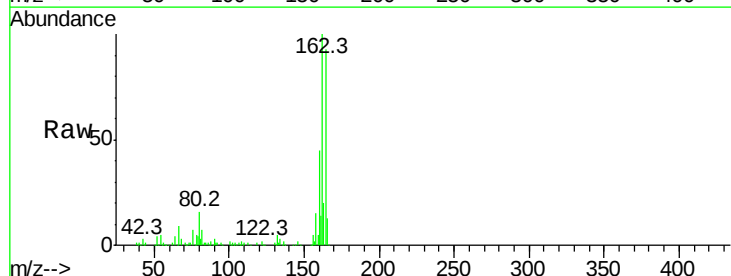
Instrument :  
BNA\_G  
ClientSampleId :  
OLD-FOOTING-2

| Tot Ion | 82    | Resp  | 315395 |
|---------|-------|-------|--------|
| Ion     | Ratio | Lower | Upper  |
| 82      | 100   |       |        |
| 128     | 36.7  | 29.7  | 44.5   |
| 54      | 44.9  | 43.1  | 64.7   |



#38  
Acenaphthene-d10  
Concen: 20.000 ng  
RT: 14.67 min Scan# 1938  
Delta R.T. -0.01 min  
Lab File: BG035629.D  
Acq: 13 Jul 2018 14:52

| Tgt Ion | 164   | Resp  | 136796 |
|---------|-------|-------|--------|
| Ion     | Ratio | Lower | Upper  |
| 164     | 100   |       |        |
| 162     | 107.7 | 78.8  | 118.2  |
| 160     | 48.7  | 35.4  | 53.0   |

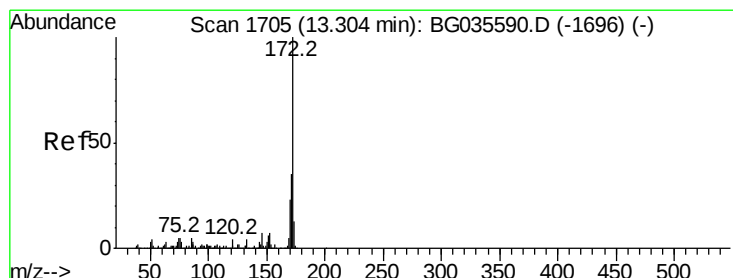
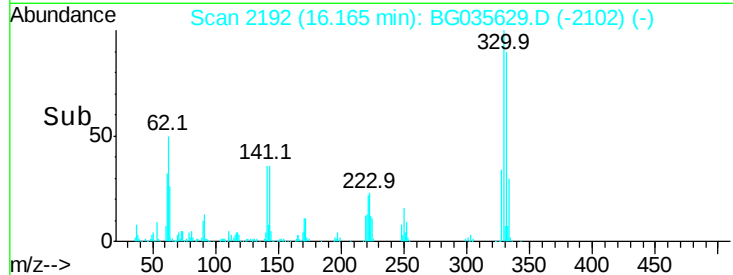
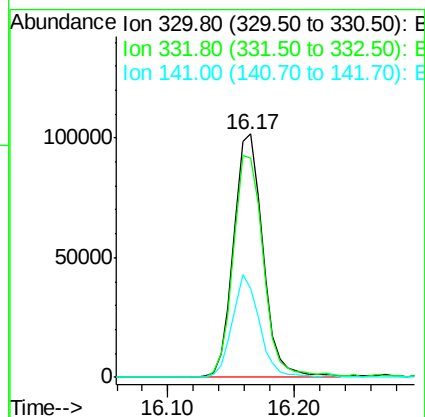
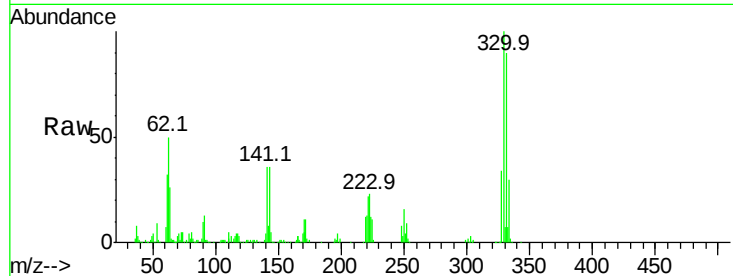




#41  
 2,4,6-Tribromophenol  
 Concen: 90.187 ng  
 RT: 16.17 min Scan# 2192  
 Delta R.T. 0.00 min  
 Lab File: BG035629.D  
 Acq: 13 Jul 2018 14:52

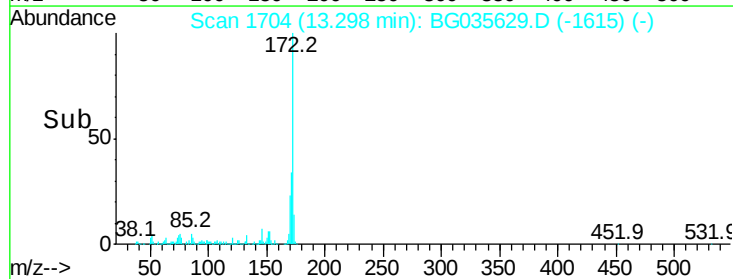
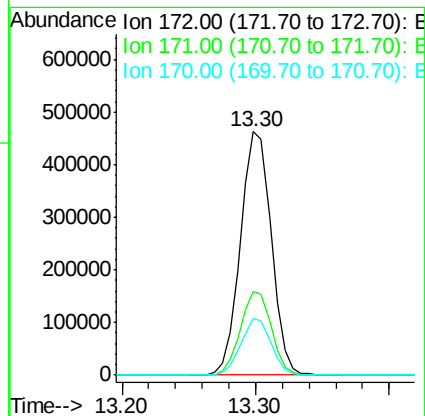
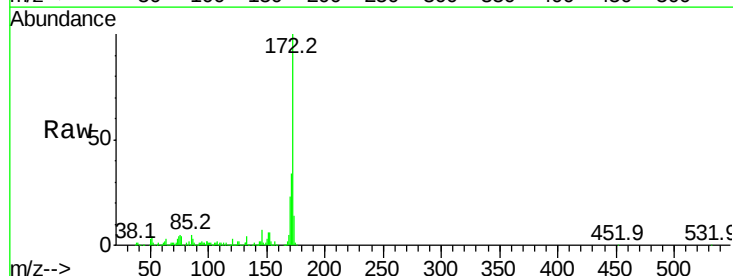
Instrument :  
 BNA\_G  
 ClientSampleId :  
 OLD-FOOTING-2

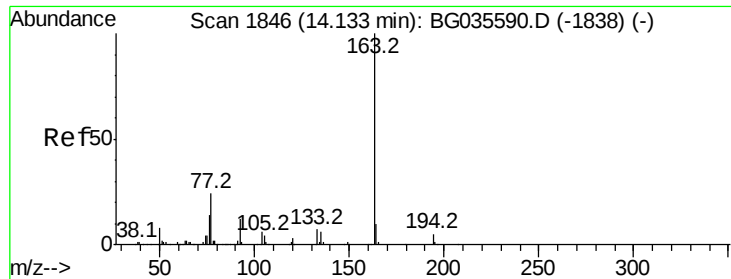
| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 330     | 100   |       |       |
| 332     | 93.5  | 77.0  | 115.6 |
| 141     | 39.1  | 25.2  | 37.8# |



#44  
 2-Fluorobiphenyl  
 Concen: 72.481 ng  
 RT: 13.30 min Scan# 1704  
 Delta R.T. -0.01 min  
 Lab File: BG035629.D  
 Acq: 13 Jul 2018 14:52

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 172     | 100   |       |       |
| 171     | 34.1  | 30.0  | 45.0  |
| 170     | 23.4  | 19.5  | 29.3  |

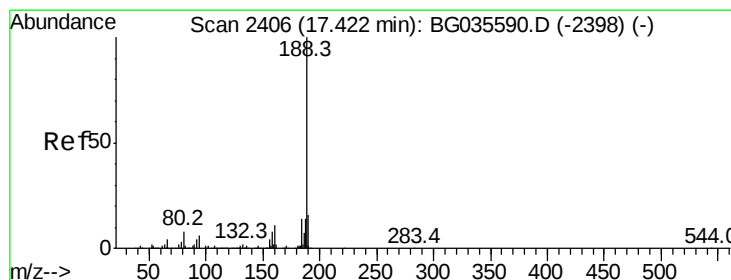
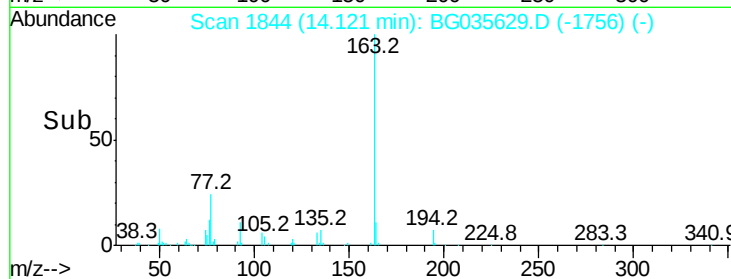
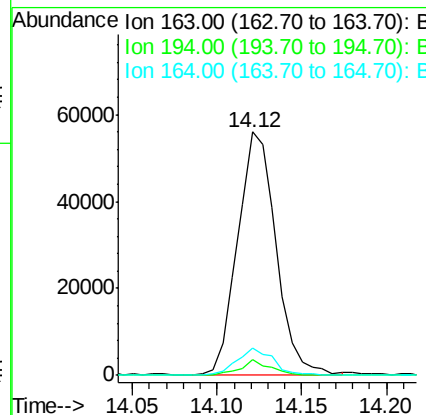
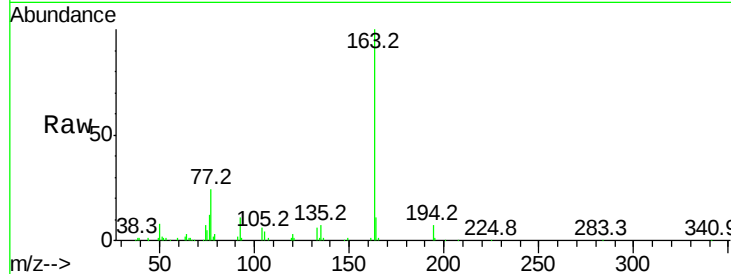




#49  
Dimethylphthalate  
Concen: 7.406 ng  
RT: 14.12 min Scan# 1844  
Delta R.T. -0.01 min  
Lab File: BG035629.D  
Acq: 13 Jul 2018 14:52

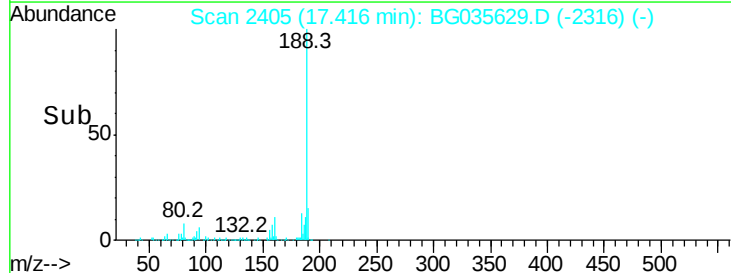
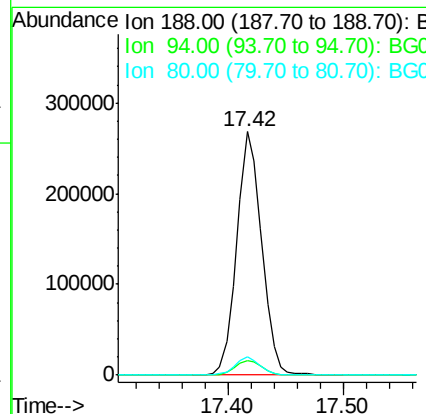
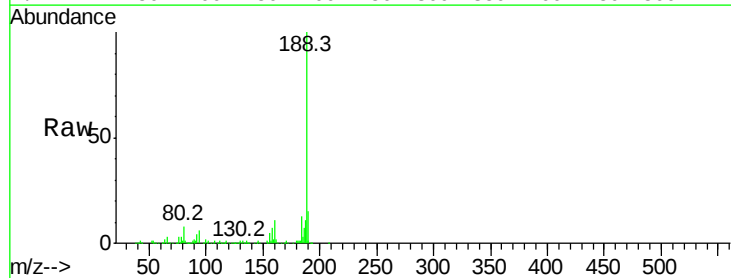
Instrument :  
BNA\_G  
ClientSampleId :  
OLD-FOOTING-2

Tot Ion:163 Resp: 88759  
Ion Ratio Lower Upper  
163 100  
194 6.7 3.4 5.2#  
164 11.5 8.2 12.4



#63  
Phenanthrene-d10  
Concen: 20.000 ng  
RT: 17.42 min Scan# 2405  
Delta R.T. -0.01 min  
Lab File: BG035629.D  
Acq: 13 Jul 2018 14:52

Tgt Ion:188 Resp: 399867  
Ion Ratio Lower Upper  
188 100  
94 6.2 6.9 10.3#  
80 7.6 7.7 11.5#





#75

Chrysene-d12

Concen: 20.000 ng

RT: 21.68 min Scan# 3131

Delta R.T. -0.01 min

Lab File: BG035629.D

Acq: 13 Jul 2018 14:52

Instrument :

BNA\_G

ClientSampleId :

OLD-FOOTING-2

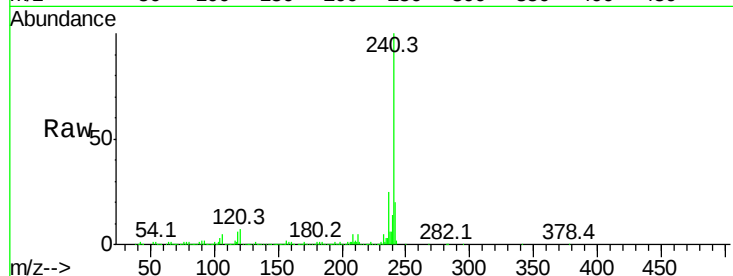
Tot Ion:240 Resp: 420760

Ion Ratio Lower Upper

240 100

120 6.5 6.8 10.2#

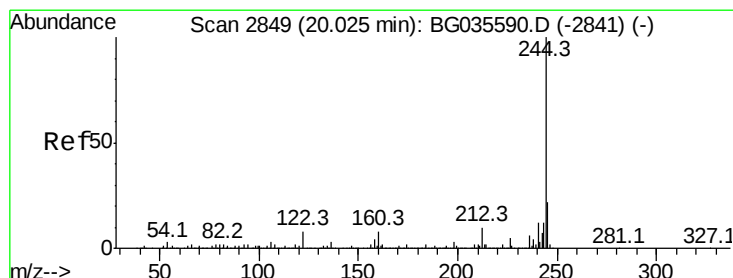
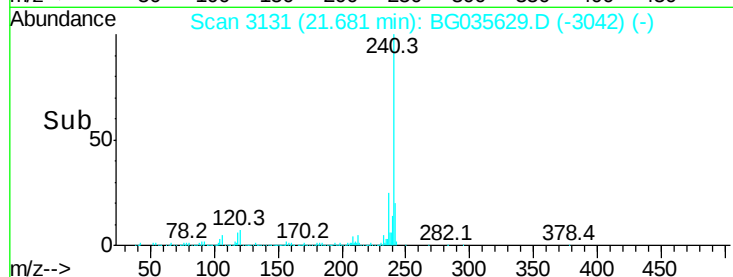
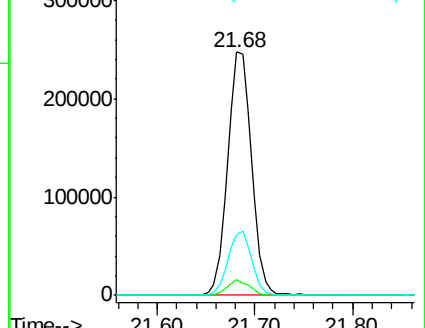
236 25.0 20.9 31.3



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: 73.677 ng

RT: 20.02 min Scan# 2849

Delta R.T. 0.00 min

Lab File: BG035629.D

Acq: 13 Jul 2018 14:52

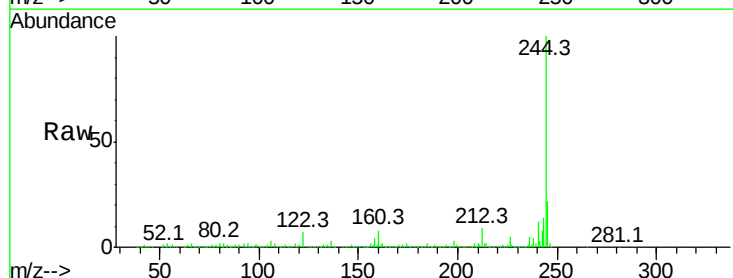
Tgt Ion:244 Resp: 1406351

Ion Ratio Lower Upper

244 100

212 9.4 5.8 8.8#

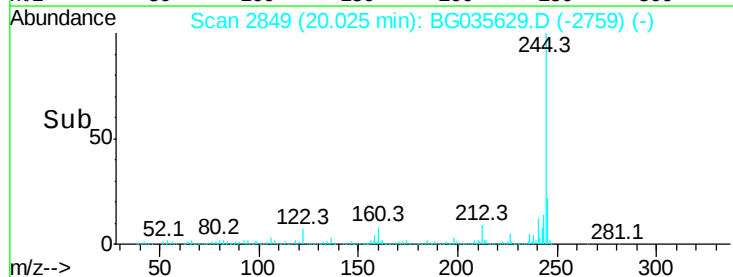
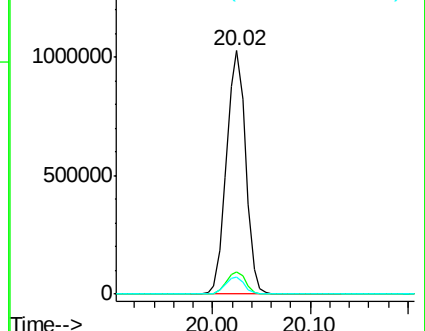
122 7.3 7.0 10.4

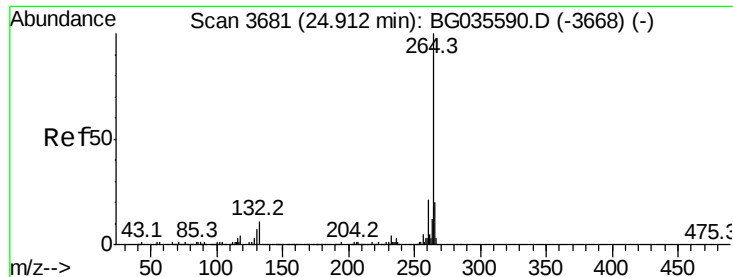


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

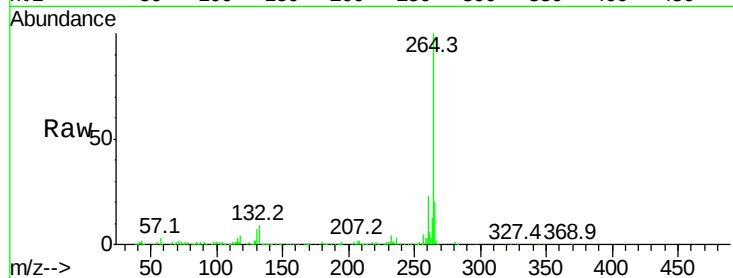




#86  
 Pervlene-d12  
 Concen: 20.000 ng  
 RT: 24.91 min Scan# 3680  
 Delta R.T. -0.01 min  
 Lab File: BG035629.D  
 Acq: 13 Jul 2018 14:52

Instrument :  
 BNA\_G  
 ClientSampleId :  
 OLD-FOOTING-2

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 264     | 100   |       |       |
| 260     | 23.2  | 17.4  | 26.0  |
| 265     | 20.4  | 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

