

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA\_G\DATA\BG011518\  
 Data File : BG032068.D  
 Acq On : 16 Jan 2018 14:14  
 Operator : SJ/JU  
 Sample : J1123-03  
 Misc :  
 ALS Vial : 34 Sample Multiplier: 1

Instrument :  
 BNA\_G  
 ClientSampleId :  
 B-4(40)

Quant Time: Jan 16 16:36:07 2018  
 Quant Method : Z:\HPCHEM1\BNA\_G\METHODS\8270-BG011218.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Mon Jan 15 10:05:15 2018  
 Response via : Initial Calibration

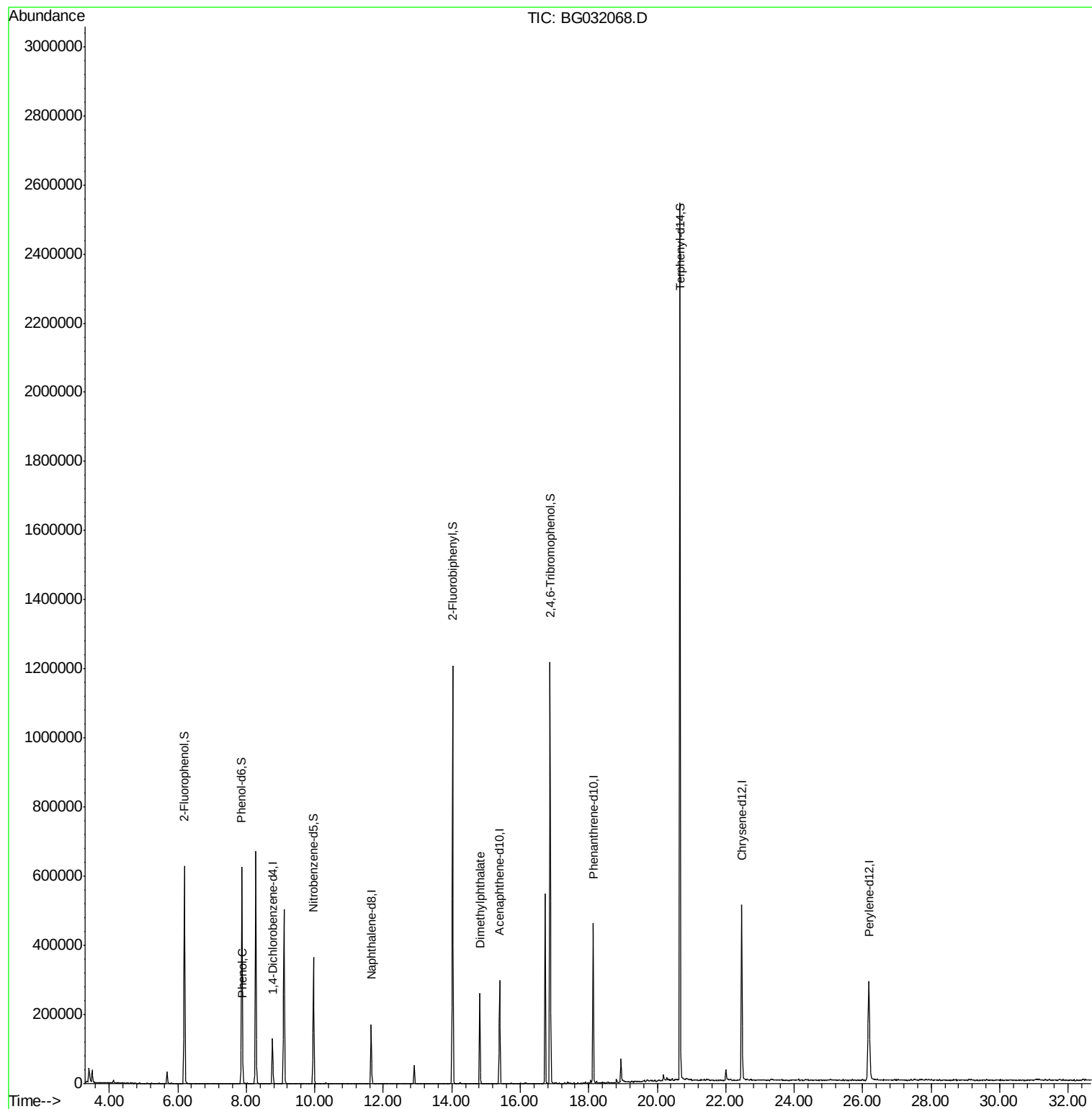
| Internal Standards          | R.T.  | QIon | Response | Conc   | Units | Dev(Min) |
|-----------------------------|-------|------|----------|--------|-------|----------|
| 1) 1,4-Dichlorobenzene-d4   | 8.77  | 152  | 44774    | 20.00  | ng    | 0.00     |
| 21) Naphthalene-d8          | 11.65 | 136  | 169023   | 20.00  | ng    | -0.01    |
| 38) Acenaphthene-d10        | 15.40 | 164  | 116899   | 20.00  | ng    | 0.00     |
| 63) Phenanthrene-d10        | 18.13 | 188  | 310419   | 20.00  | ng    | -0.01    |
| 75) Chrysene-d12            | 22.47 | 240  | 390502   | 20.00  | ng    | -0.02    |
| 86) Perylene-d12            | 26.18 | 264  | 408391   | 20.00  | ng    | -0.03    |
| System Monitoring Compounds |       |      |          |        |       |          |
| 5) 2-Fluorophenol           | 6.19  | 112  | 330928   | 135.18 | ng    | 0.00     |
| 7) Phenol-d6                | 7.87  | 99   | 408051   | 132.35 | ng    | 0.00     |
| 23) Nitrobenzene-d5         | 9.96  | 82   | 233914   | 93.63  | ng    | -0.01    |
| 41) 2,4,6-Tribromophenol    | 16.87 | 330  | 280534   | 145.02 | ng    | 0.00     |
| 44) 2-Fluorobiphenyl        | 14.02 | 172  | 729612   | 77.39  | ng    | -0.01    |
| 78) Terphenyl-d14           | 20.66 | 244  | 1362351  | 77.03  | ng    | -0.01    |
| Target Compounds            |       |      |          |        |       |          |
| 10) Phenol                  | 7.90  | 94   | 15003    | 4.940  | ng    | 95       |
| 49) Dimethylphthalate       | 14.82 | 163  | 198944   | 19.448 | ng    | # 99     |

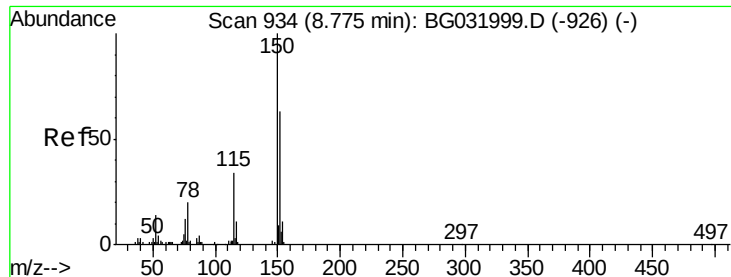
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA\_G\DATA\BG011518\  
Data File : BG032068.D  
Acq On : 16 Jan 2018 14:14  
Operator : SJ/JU  
Sample : J1123-03  
Misc :  
ALS Vial : 34 Sample Multiplier: 1

Instrument :  
BNA\_G  
ClientSampleId :  
B-4(40)

Quant Time: Jan 16 16:36:07 2018  
Quant Method : Z:\HPCHEM1\BNA\_G\METHODS\8270-BG011218.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
QLast Update : Mon Jan 15 10:05:15 2018  
Response via : Initial Calibration



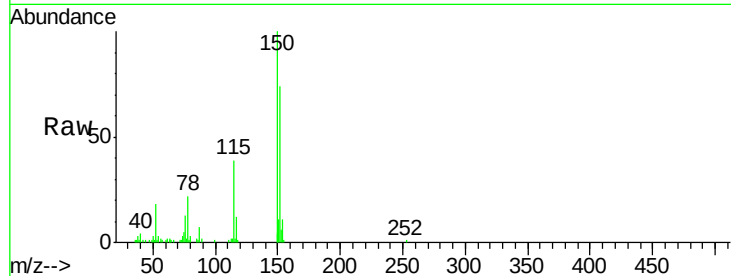


#1

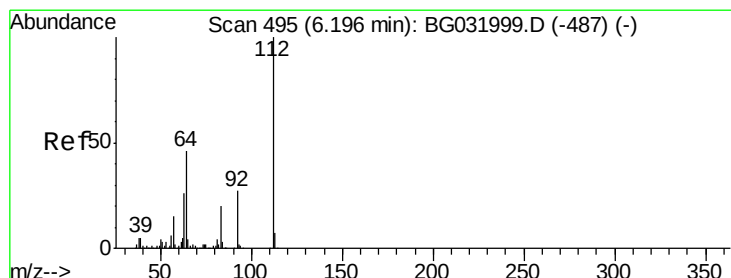
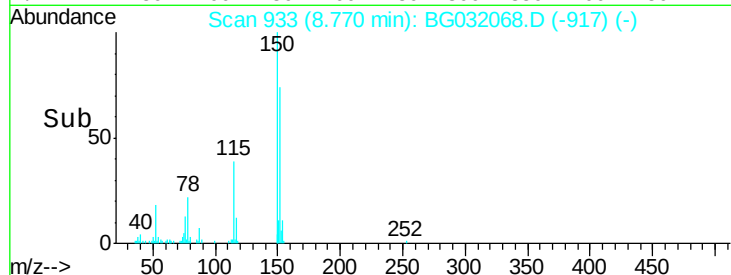
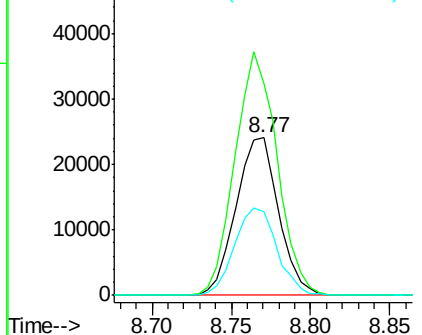
1,4-Dichlorobenzene-d4  
Concen: 20.000 ng  
RT: 8.77 min Scan# 933  
Delta R.T. -0.00 min  
Lab File: BG032068.D  
Acq: 16 Jan 2018 14:14

Instrument :  
BNA\_G  
ClientSampleId :  
B-4(40)

Tgt Ion:152 Resp: 44774  
Ion Ratio Lower Upper  
152 100  
150 134.5 126.6 189.8  
115 52.8 53.0 79.4#



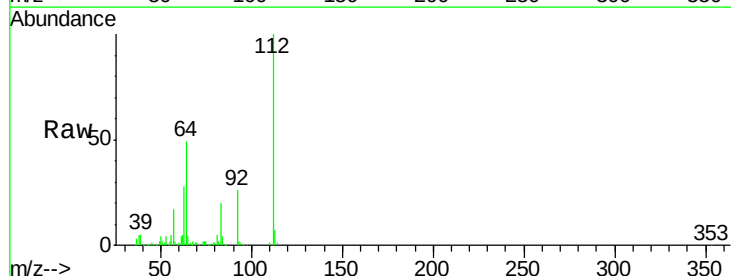
Abundance Ion 152.00 (151.70 to 152.70): E  
Ion 150.00 (149.70 to 150.70): E  
Ion 115.00 (114.70 to 115.70): E



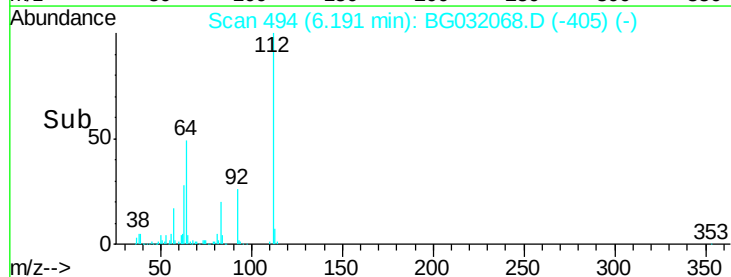
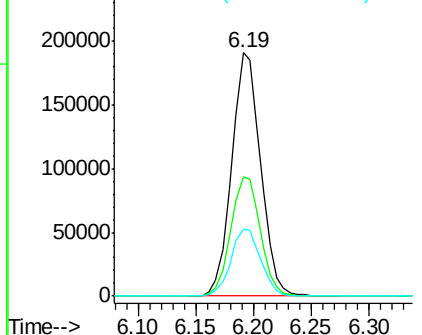
#5

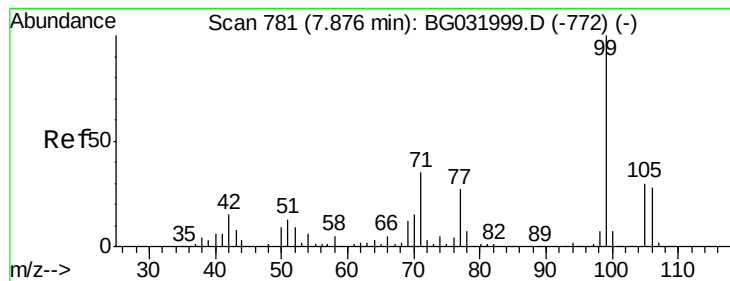
2-Fluorophenol  
Concen: 135.178 ng  
RT: 6.19 min Scan# 494  
Delta R.T. -0.00 min  
Lab File: BG032068.D  
Acq: 16 Jan 2018 14:14

Tgt Ion:112 Resp: 330928  
Ion Ratio Lower Upper  
112 100  
64 48.9 56.3 84.5#  
63 27.7 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: 132.346 ng

RT: 7.87 min Scan# 780

Delta R.T. -0.00 min

Lab File: BG032068.D

Acq: 16 Jan 2018 14:14

Instrument :

BNA\_G

ClientSampled :

B-4(40)

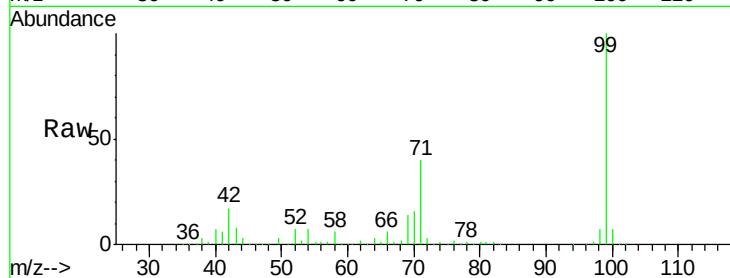
Tgt Ion: 99 Resp: 408051

Ion Ratio Lower Upper

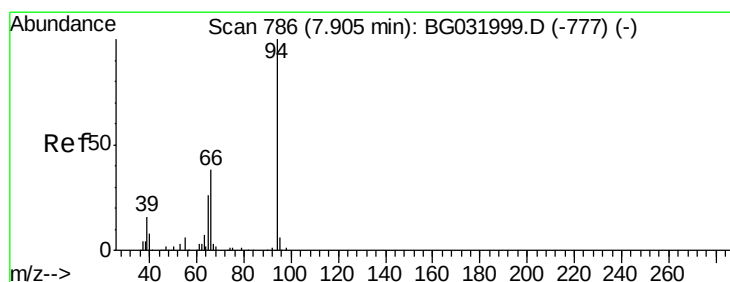
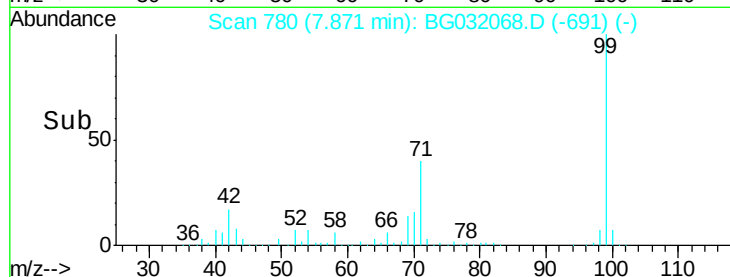
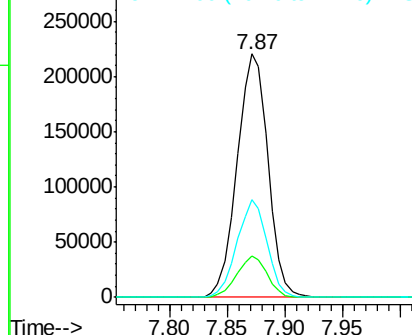
99 100

42 17.2 14.1 21.1

71 40.1 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



#10

Phenol

Concen: 4.940 ng

RT: 7.90 min Scan# 785

Delta R.T. -0.00 min

Lab File: BG032068.D

Acq: 16 Jan 2018 14:14

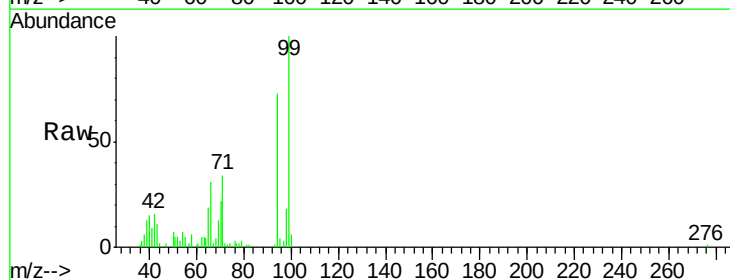
Tgt Ion: 94 Resp: 15003

Ion Ratio Lower Upper

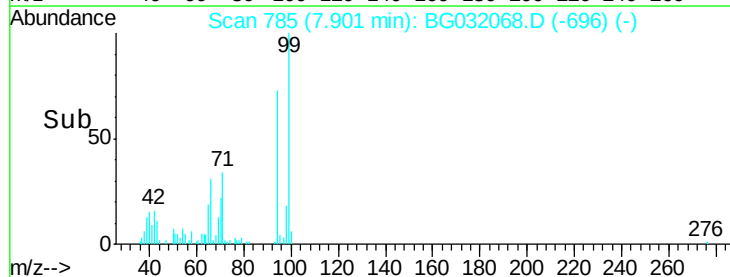
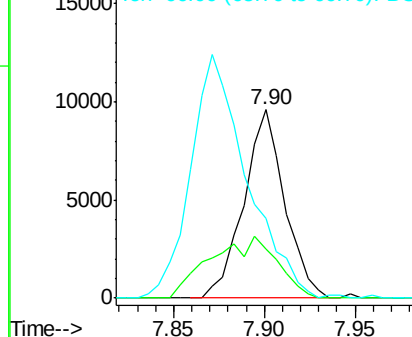
94 100

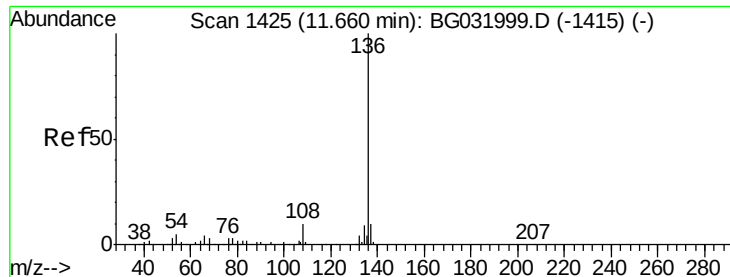
65 25.8 11.9 51.9

66 42.6 22.2 62.2



Abundance Ion 94.00 (93.70 to 94.70): BGC  
Ion 65.00 (64.70 to 65.70): BGC  
Ion 66.00 (65.70 to 66.70): BGC

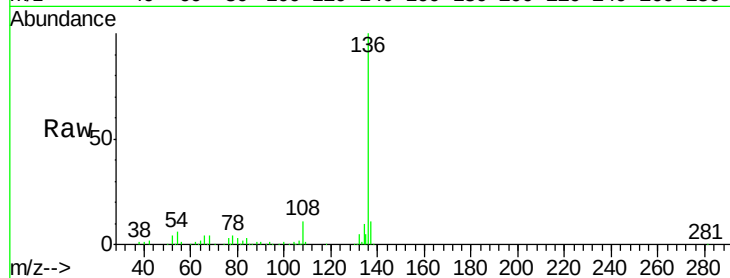




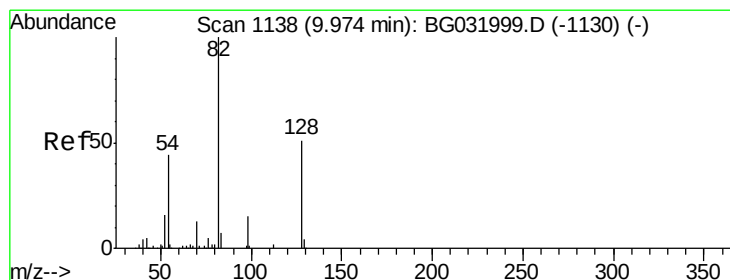
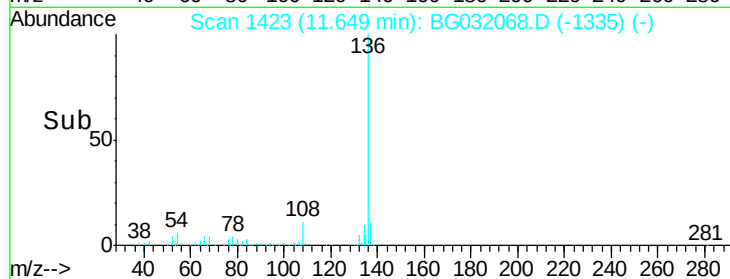
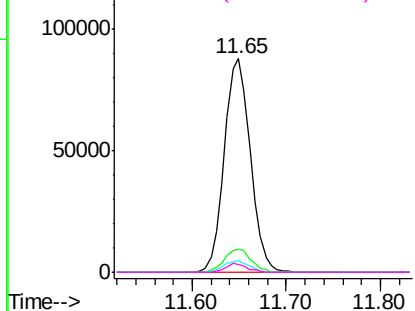
#21  
Naphthalene-d8  
Concen: 20.000 ng  
RT: 11.65 min Scan# 1423  
Delta R.T. -0.01 min  
Lab File: BG032068.D  
Acq: 16 Jan 2018 14:14

Instrument :  
BNA\_G  
ClientSampleId :  
B-4(40)

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 136   | Resp: | 169023 |
| Ion      | Ratio | Lower | Upper  |
| 136      | 100   |       |        |
| 137      | 10.8  | 9.2   | 13.8   |
| 54       | 5.7   | 10.3  | 15.5#  |
| 68       | 3.7   | 4.5   | 6.7#   |

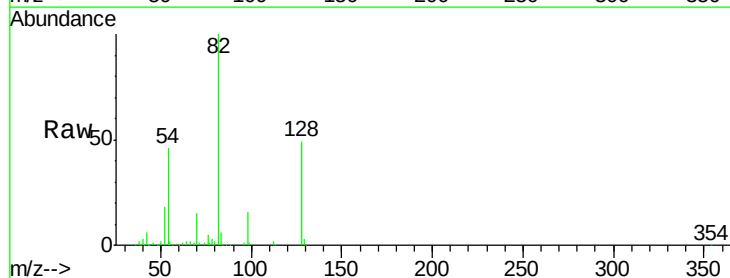


Abundance Ion 136.00 (135.70 to 136.70): E  
Ion 137.00 (136.70 to 137.70): E  
Ion 54.00 (53.70 to 54.70): BGC  
Ion 68.00 (67.70 to 68.70): BGC

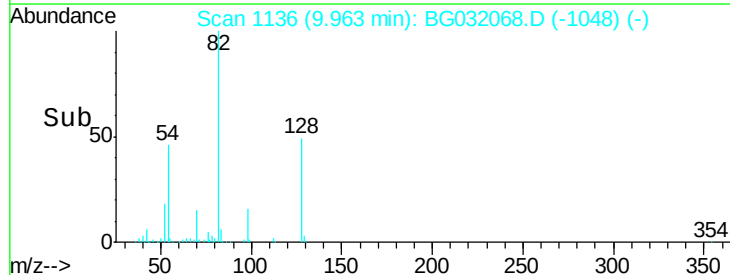
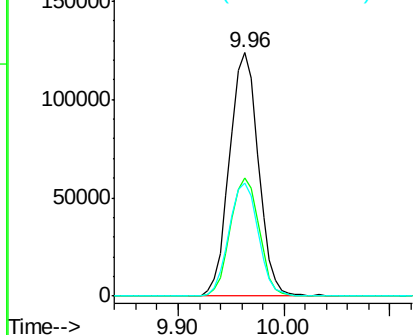


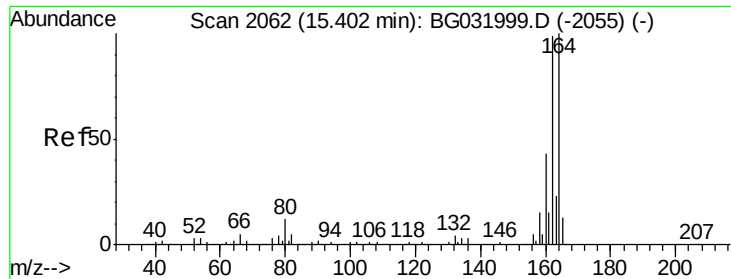
#23  
Nitrobenzene-d5  
Concen: 93.628 ng  
RT: 9.96 min Scan# 1136  
Delta R.T. -0.01 min  
Lab File: BG032068.D  
Acq: 16 Jan 2018 14:14

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 82    | Resp: | 233914 |
| Ion      | Ratio | Lower | Upper  |
| 82       | 100   |       |        |
| 128      | 48.5  | 29.7  | 44.5#  |
| 54       | 46.2  | 43.1  | 64.7   |



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

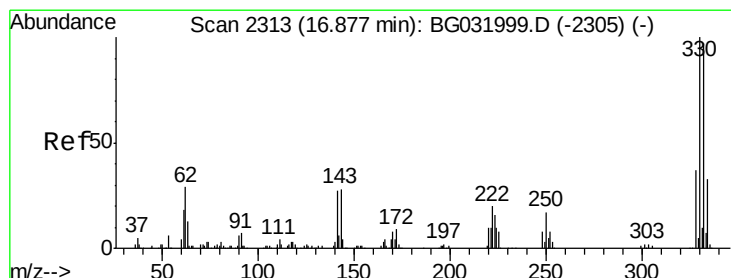
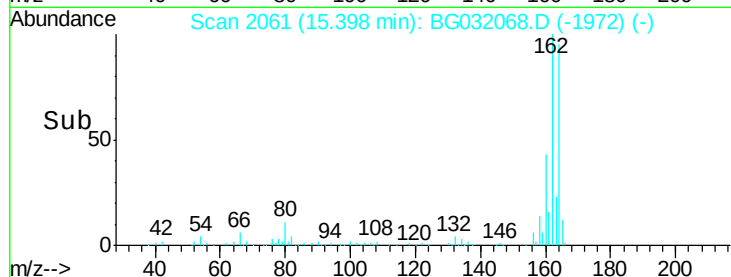
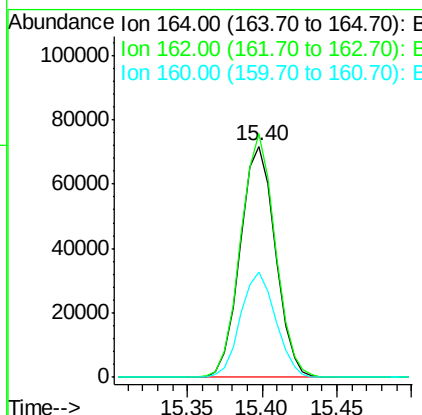
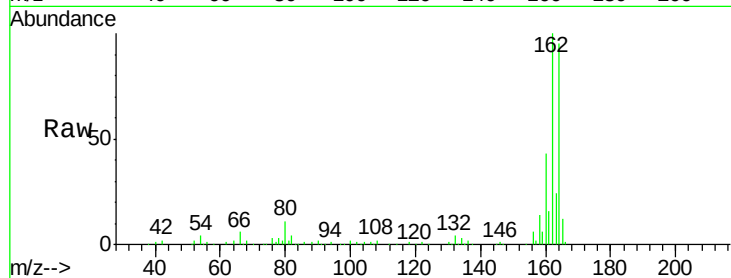




#38  
Acenaphthene-d10  
Concen: 20.000 ng  
RT: 15.40 min Scan# 2061  
Delta R.T. -0.00 min  
Lab File: BG032068.D  
Acq: 16 Jan 2018 14:14

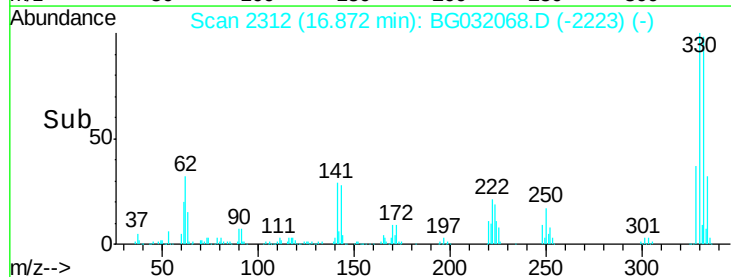
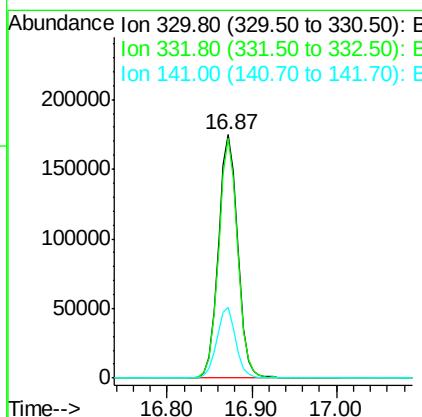
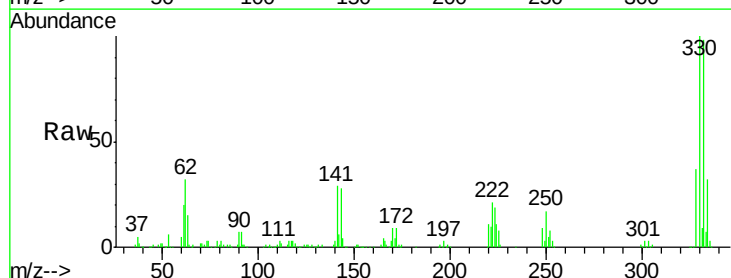
Instrument :  
BNA\_G  
ClientSampleId :  
B-4(40)

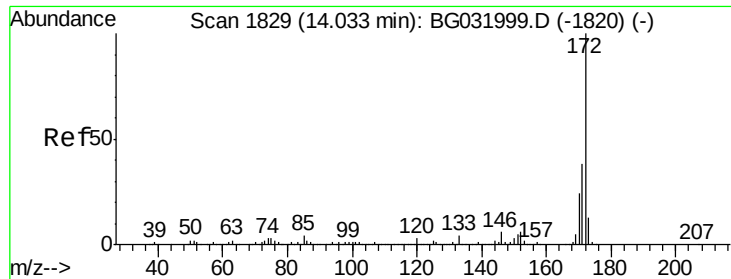
Tgt Ion:164 Resp: 116899  
Ion Ratio Lower Upper  
164 100  
162 105.3 78.8 118.2  
160 45.5 35.4 53.0



#41  
2,4,6-Tribromophenol  
Concen: 145.023 ng  
RT: 16.87 min Scan# 2312  
Delta R.T. -0.00 min  
Lab File: BG032068.D  
Acq: 16 Jan 2018 14:14

Tgt Ion:330 Resp: 280534  
Ion Ratio Lower Upper  
330 100  
332 96.3 77.0 115.6  
141 28.8 25.2 37.8

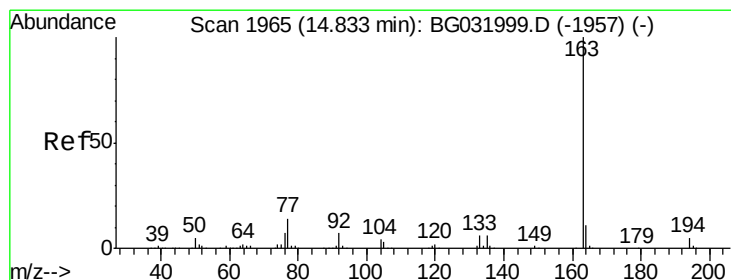
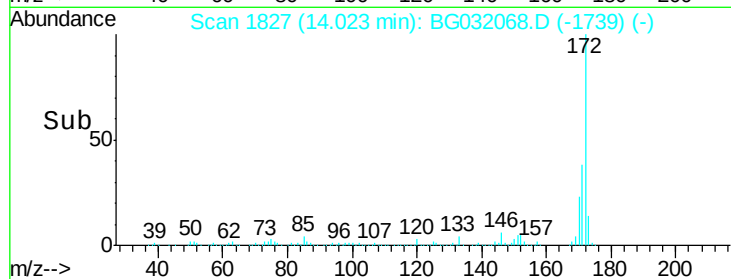
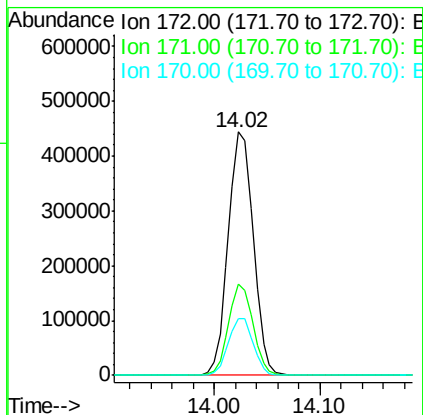
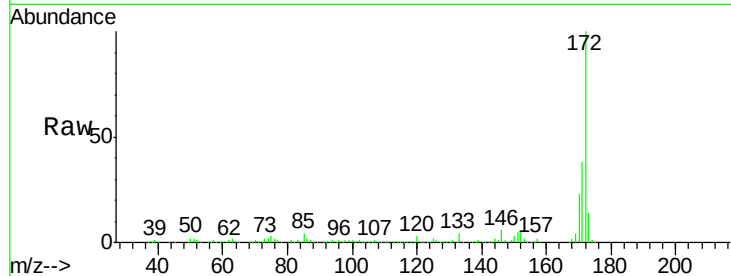




#44  
2-Fluorobiphenyl  
Concen: 77.390 ng  
RT: 14.02 min Scan# 1827  
Delta R.T. -0.01 min  
Lab File: BG032068.D  
Acq: 16 Jan 2018 14:14

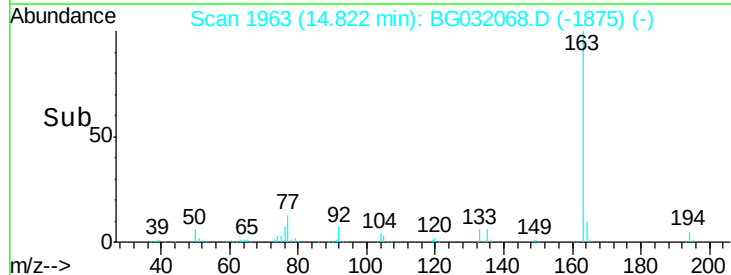
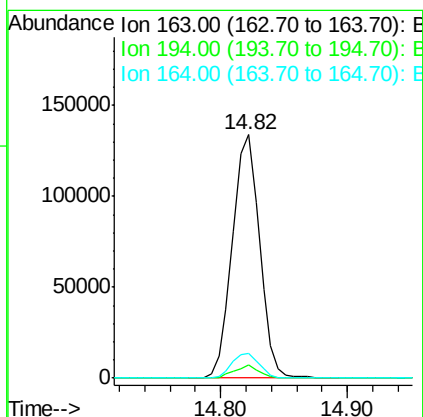
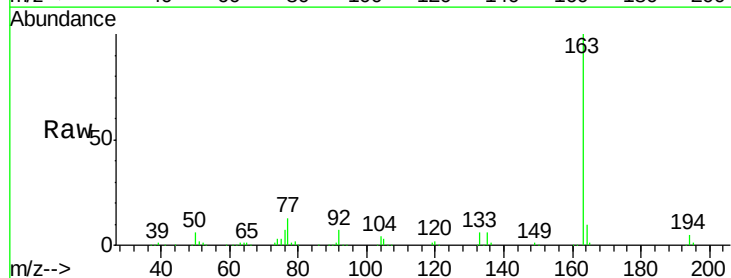
Instrument :  
BNA\_G  
ClientSampleId :  
B-4(40)

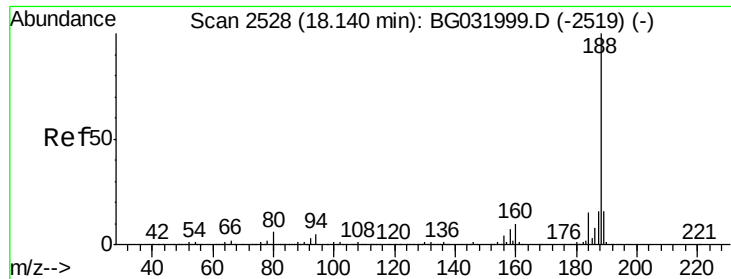
Tgt Ion:172 Resp: 729612  
Ion Ratio Lower Upper  
172 100  
171 37.5 30.0 45.0  
170 23.3 19.5 29.3



#49  
Dimethylphthalate  
Concen: 19.448 ng  
RT: 14.82 min Scan# 1963  
Delta R.T. -0.01 min  
Lab File: BG032068.D  
Acq: 16 Jan 2018 14:14

Tgt Ion:163 Resp: 198944  
Ion Ratio Lower Upper  
163 100  
194 5.3 3.4 5.2#  
164 10.1 8.2 12.4

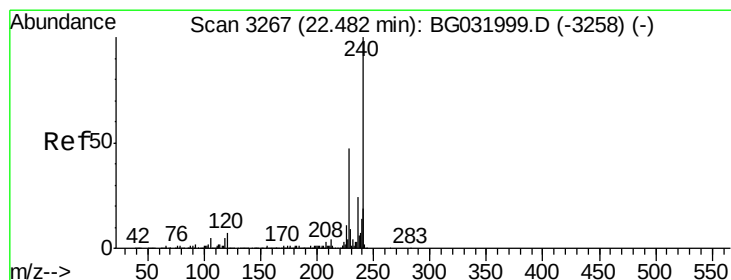
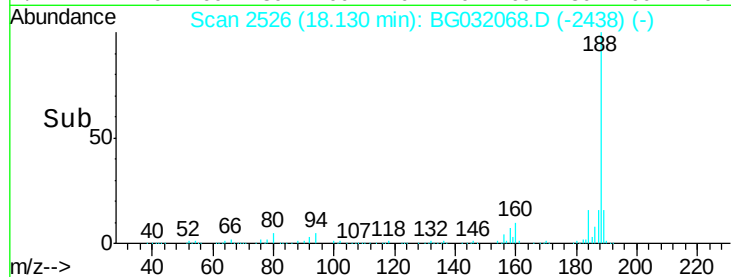
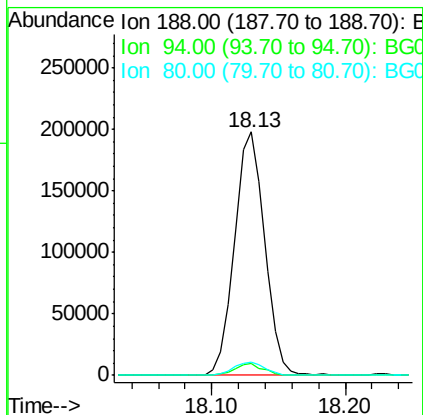
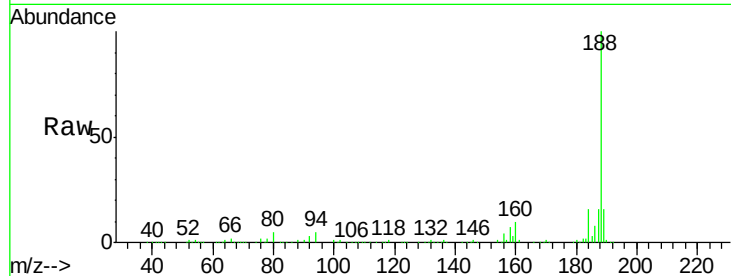




#63  
Phenanthrene-d10  
Concen: 20.000 ng  
RT: 18.13 min Scan# 2526  
Delta R.T. -0.01 min  
Lab File: BG032068.D  
Acq: 16 Jan 2018 14:14

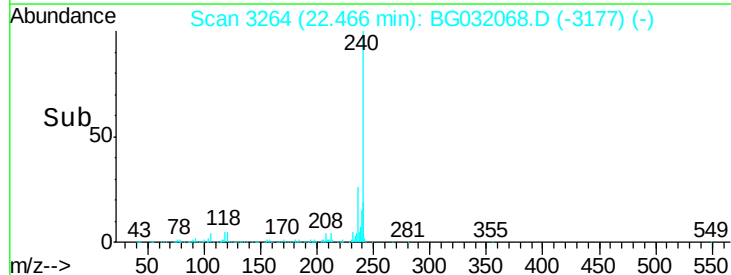
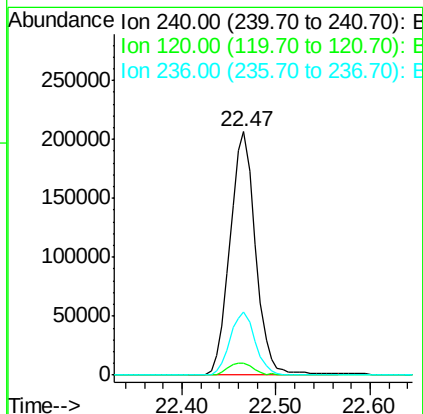
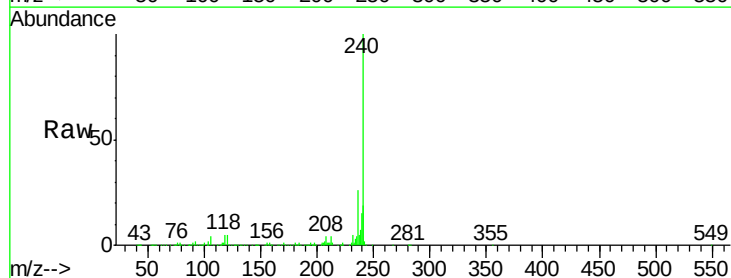
Instrument :  
BNA\_G  
ClientSampled :  
B-4(40)

Tgt Ion:188 Resp: 310419  
Ion Ratio Lower Upper  
188 100  
94 5.1 6.9 10.3#  
80 5.3 7.7 11.5#

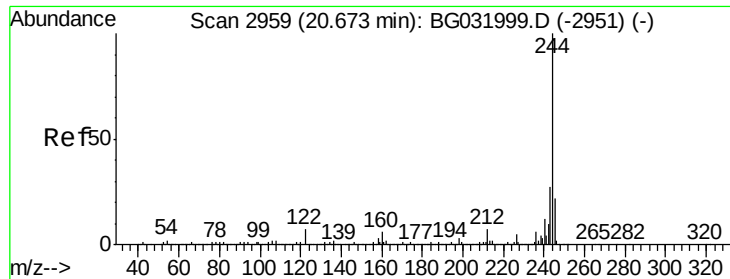


#75  
Chrysene-d12  
Concen: 20.000 ng  
RT: 22.47 min Scan# 3264  
Delta R.T. -0.02 min  
Lab File: BG032068.D  
Acq: 16 Jan 2018 14:14

Tgt Ion:240 Resp: 390502  
Ion Ratio Lower Upper  
240 100  
120 4.9 6.8 10.2#  
236 26.1 20.9 31.3







#78

Terphenyl-d14

Concen: 77.032 ng

RT: 20.66 min Scan# 2957

Delta R.T. -0.01 min

Lab File: BG032068.D

Acq: 16 Jan 2018 14:14

Instrument :

BNA\_G

ClientSampleId :

B-4(40)

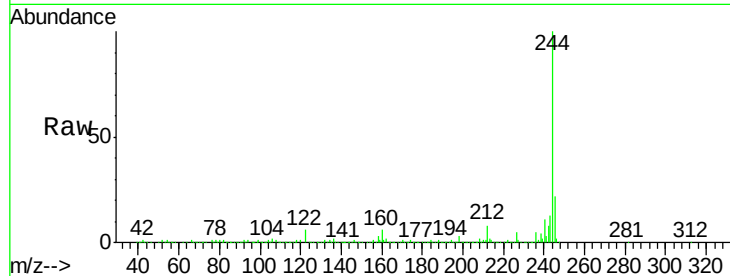
Tgt Ion:244 Resp: 1362351

Ion Ratio Lower Upper

244 100

212 7.6 5.8 8.8

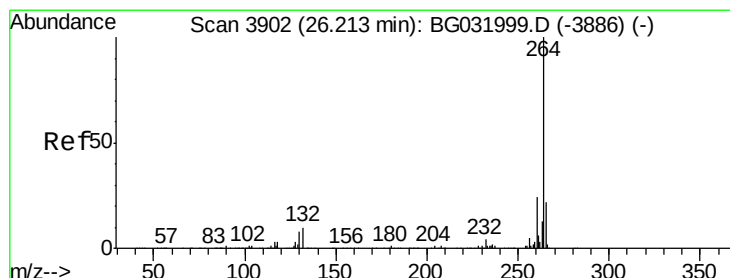
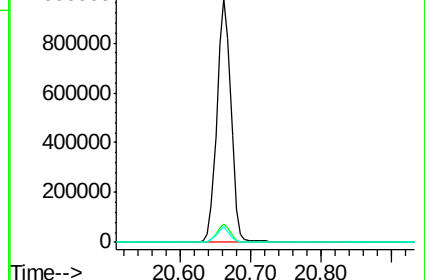
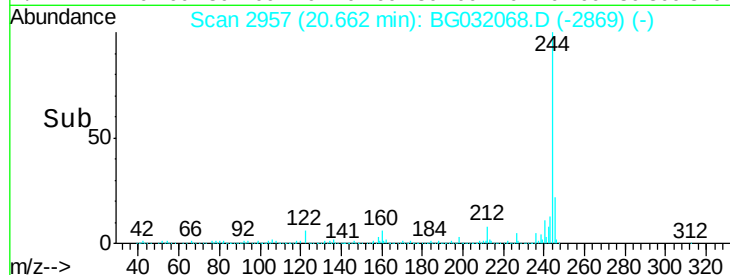
122 6.3 7.0 10.4#



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

Perylene-d12

Concen: 20.000 ng

RT: 26.18 min Scan# 3896

Delta R.T. -0.03 min

Lab File: BG032068.D

Acq: 16 Jan 2018 14:14

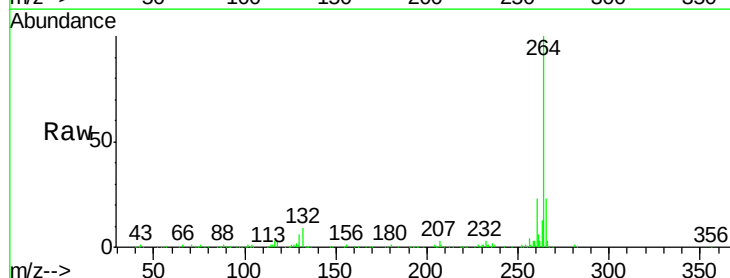
Tgt Ion:264 Resp: 408391

Ion Ratio Lower Upper

264 100

260 23.3 17.4 26.0

265 23.1 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

