

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG111218\  
 Data File : BG037950.D  
 Acq On : 12 Nov 2018 18:45  
 Operator : JU/SJ  
 Sample : J5901-03  
 Misc :  
 ALS Vial : 13 Sample Multiplier: 1

Instrument :  
 BNA\_G  
 ClientSampleId :  
 S-S

Quant Time: Nov 13 06:12:28 2018  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG101818.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Thu Oct 18 14:06:42 2018  
 Response via : Initial Calibration

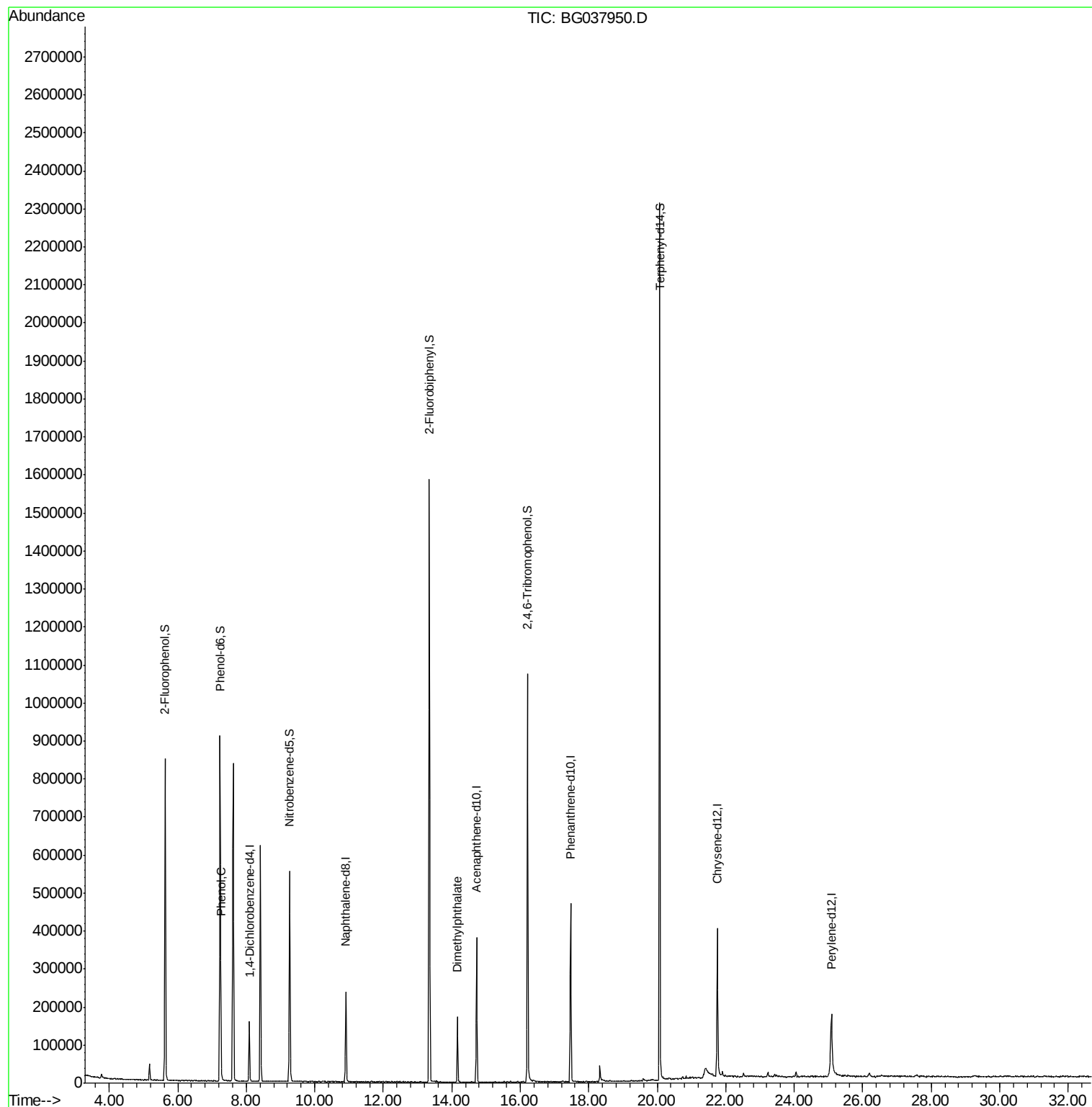
| Internal Standards          | R.T.  | QIon | Response | Conc   | Units | Dev(Min) |
|-----------------------------|-------|------|----------|--------|-------|----------|
| 1) 1,4-Dichlorobenzene-d4   | 8.09  | 152  | 47349    | 20.00  | ng    | -0.02    |
| 21) Naphthalene-d8          | 10.91 | 136  | 213940   | 20.00  | ng    | -0.02    |
| 39) Acenaphthene-d10        | 14.72 | 164  | 140026   | 20.00  | ng    | -0.02    |
| 64) Phenanthrene-d10        | 17.47 | 188  | 312249   | 20.00  | ng    | -0.01    |
| 76) Chrysene-d12            | 21.75 | 240  | 273483   | 20.00  | ng    | -0.02    |
| 87) Perylene-d12            | 25.09 | 264  | 239078   | 20.00  | ng    | -0.03    |
| System Monitoring Compounds |       |      |          |        |       |          |
| 5) 2-Fluorophenol           | 5.63  | 112  | 387837   | 136.94 | ng    | -0.01    |
| 7) Phenol-d6                | 7.24  | 99   | 585644   | 136.75 | ng    | -0.01    |
| 23) Nitrobenzene-d5         | 9.27  | 82   | 355301   | 93.03  | ng    | -0.01    |
| 42) 2,4,6-Tribromophenol    | 16.21 | 330  | 205465   | 134.53 | ng    | -0.01    |
| 45) 2-Fluorobiphenyl        | 13.35 | 172  | 858018   | 92.40  | ng    | -0.02    |
| 79) Terphenyl-d14           | 20.07 | 244  | 1182355  | 92.38  | ng    | -0.01    |
| Target Compounds            |       |      |          |        |       |          |
| 10) Phenol                  | 7.26  | 94   | 33340    | 7.379  | ng    | 90       |
| 50) Dimethylphthalate       | 14.17 | 163  | 125851   | 11.618 | ng    | 99       |

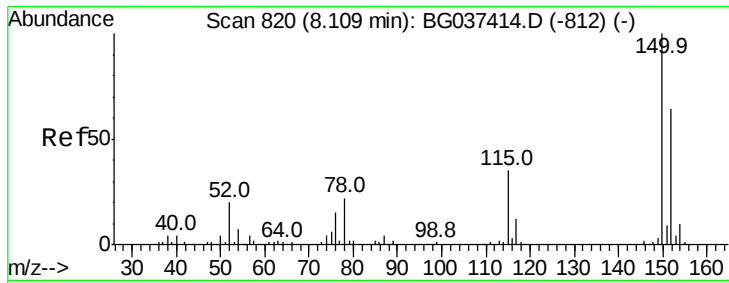
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG111218\  
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Sample : J5901-03  
Misc :  
ALS Vial : 13 Sample Multiplier: 1

Instrument :  
BNA\_G  
ClientSampleId :  
S-S

Quant Time: Nov 13 06:12:28 2018  
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG101818.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
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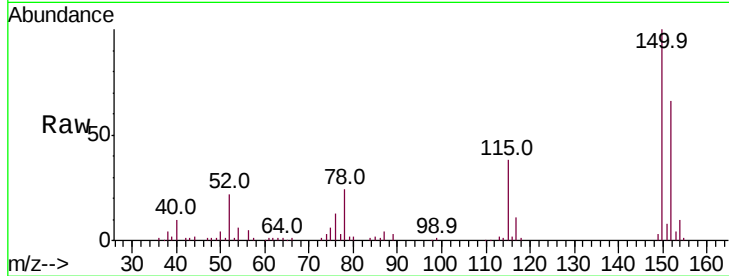




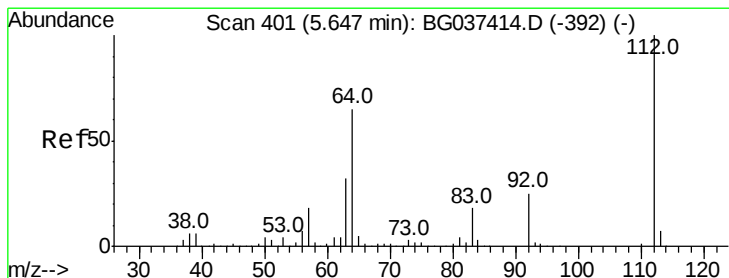
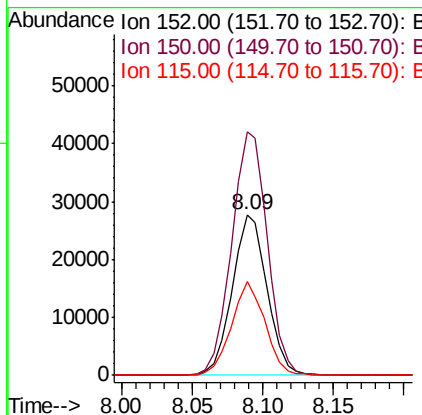
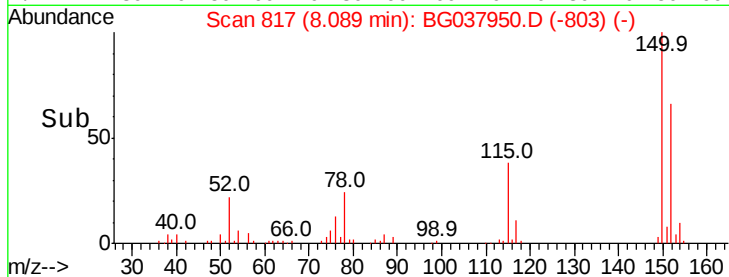
#1  
 1,4-Dichlorobenzene-d4  
 Concen: 20.000 ng  
 RT: 8.09 min Scan# 817  
 Delta R.T. -0.02 min  
 Lab File: BG037950.D  
 Acq: 12 Nov 2018 18:45

Instrument :  
 BNA\_G  
 ClientSampled :  
 S-S

Tot Ion:152 Resp: 47349  
 Ion Ratio Lower Upper  
 152 100  
 150 151.5 126.0 189.0  
 115 58.3 45.5 68.3

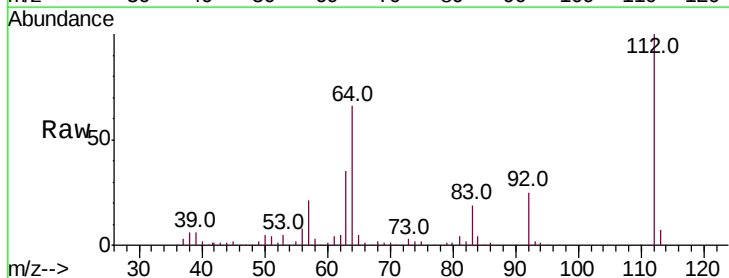


Abundance Ion 152.00 (151.70 to 152.70): E  
 Ion 150.00 (149.70 to 150.70): E  
 Ion 115.00 (114.70 to 115.70): E

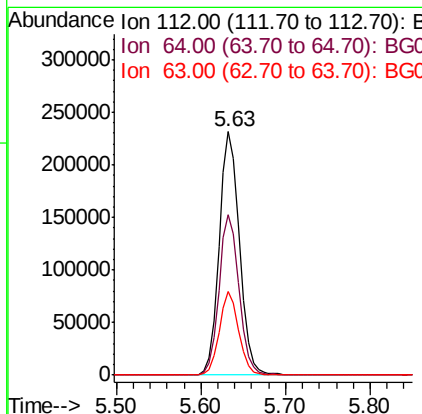
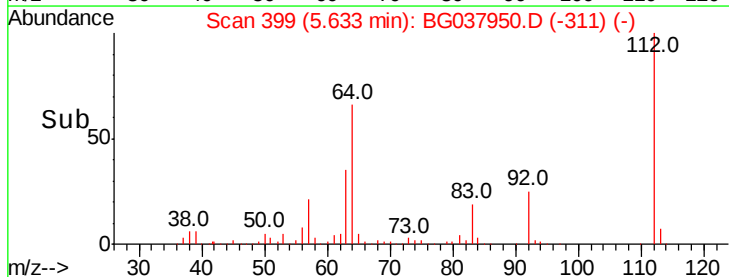


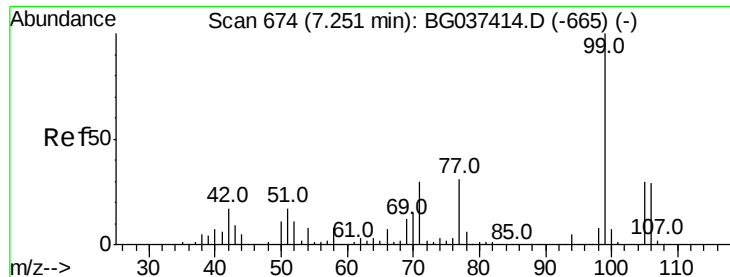
#5  
 2-Fluorophenol  
 Concen: 136.942 ng  
 RT: 5.63 min Scan# 399  
 Delta R.T. -0.01 min  
 Lab File: BG037950.D  
 Acq: 12 Nov 2018 18:45

Tgt Ion:112 Resp: 387837  
 Ion Ratio Lower Upper  
 112 100  
 64 65.6 53.1 79.7  
 63 34.6 27.3 40.9



Abundance Ion 112.00 (111.70 to 112.70): E  
 Ion 64.00 (63.70 to 64.70): BG  
 Ion 63.00 (62.70 to 63.70): BG





#7

Phenol-d6

Concen: 136.752 ng

RT: 7.24 min Scan# 672

Delta R.T. -0.01 min

Lab File: BG037950.D

Acq: 12 Nov 2018 18:45

Instrument :

BNA\_G

ClientSampleId :

S-S

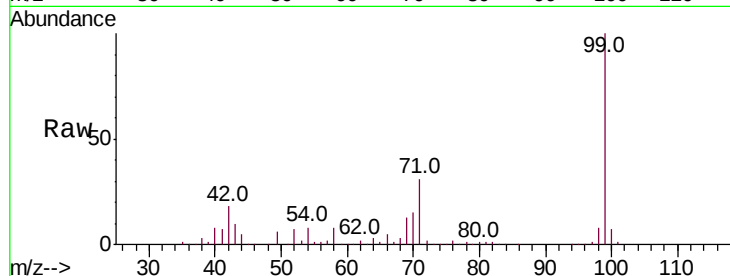
Tot Ion: 99 Resp: 585644

Ion Ratio Lower Upper

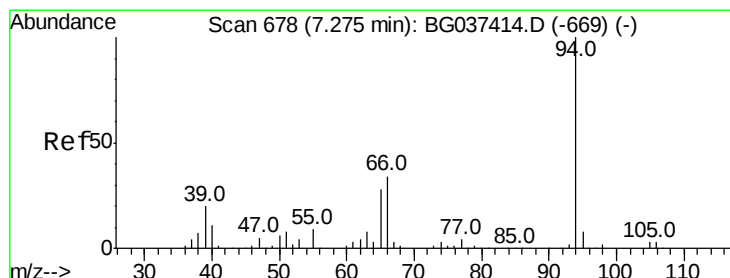
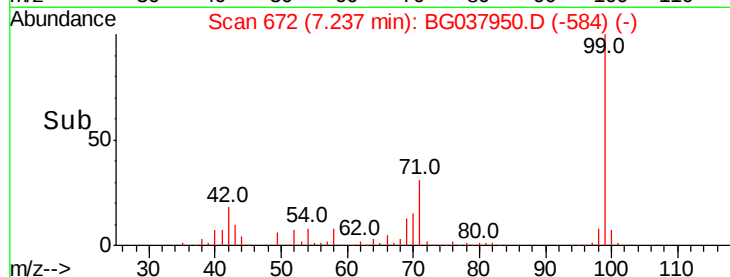
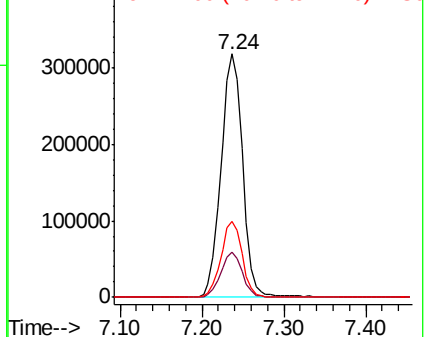
99 100

42 18.3 15.0 22.4

71 31.1 25.5 38.3



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: 7.379 ng

RT: 7.26 min Scan# 676

Delta R.T. -0.01 min

Lab File: BG037950.D

Acq: 12 Nov 2018 18:45

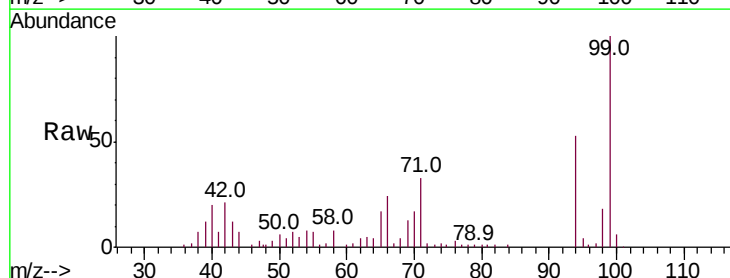
Tgt Ion: 94 Resp: 33340

Ion Ratio Lower Upper

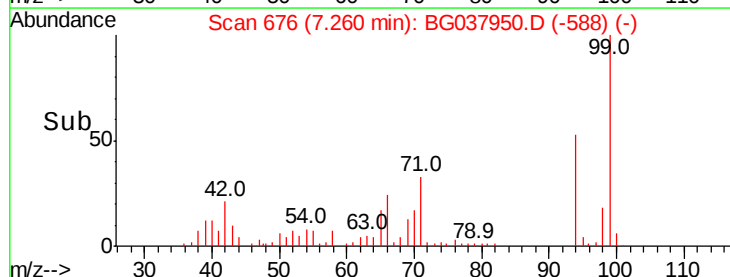
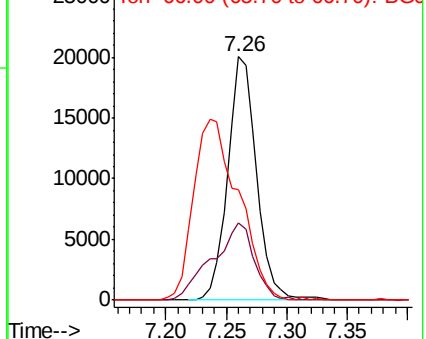
94 100

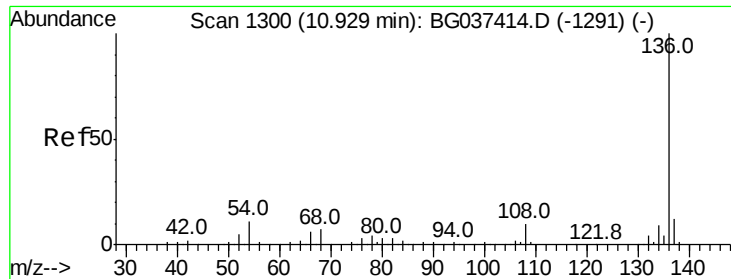
65 31.6 9.7 49.7

66 45.2 15.9 55.9



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

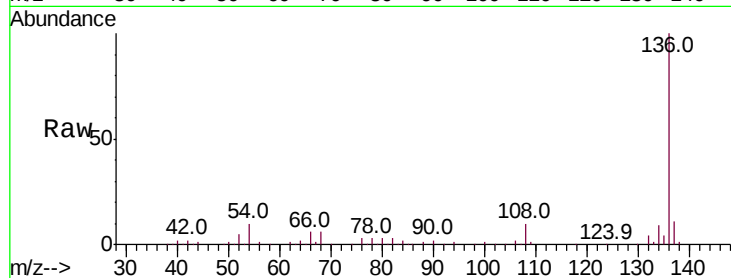




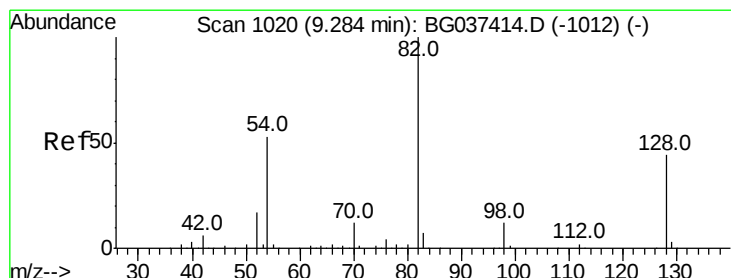
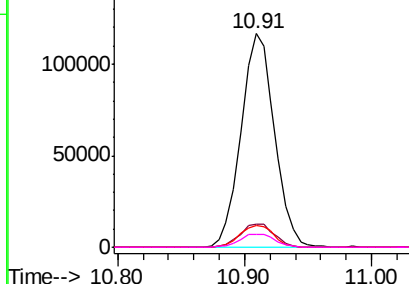
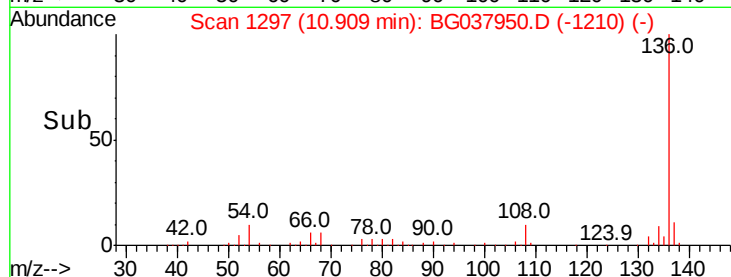
#21  
Naphthalene-d8  
Concen: 20.000 ng  
RT: 10.91 min Scan# 1297  
Delta R.T. -0.02 min  
Lab File: BG037950.D  
Acq: 12 Nov 2018 18:45

Instrument :  
BNA\_G  
ClientSampleId :  
S-S

|          |       |       |        |
|----------|-------|-------|--------|
| Tot Ion: | 136   | Resp: | 213940 |
| Ion      | Ratio | Lower | Upper  |
| 136      | 100   |       |        |
| 137      | 10.8  | 9.6   | 14.4   |
| 54       | 10.1  | 7.9   | 11.9   |
| 68       | 6.3   | 4.8   | 7.2    |

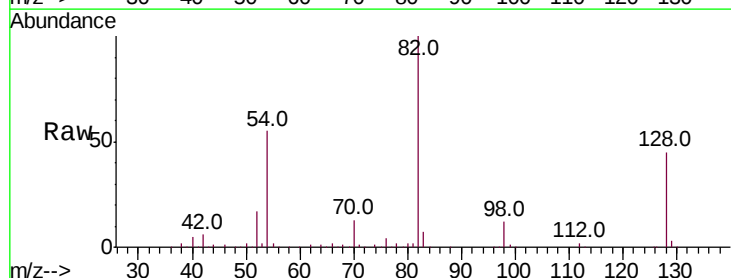


Abundance Ion 136.00 (135.70 to 136.70): E  
Ion 137.00 (136.70 to 137.70): E  
Ion 54.00 (53.70 to 54.70): BGC  
Ion 68.00 (67.70 to 68.70): BGC

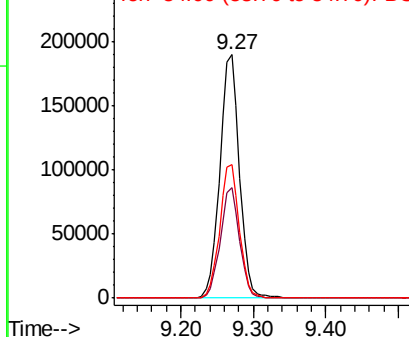
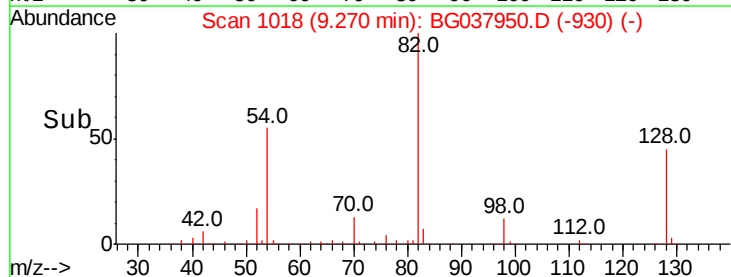


#23  
Nitrobenzene-d5  
Concen: 93.034 ng  
RT: 9.27 min Scan# 1018  
Delta R.T. -0.01 min  
Lab File: BG037950.D  
Acq: 12 Nov 2018 18:45

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 82    | Resp: | 355301 |
| Ion      | Ratio | Lower | Upper  |
| 82       | 100   |       |        |
| 128      | 45.2  | 34.6  | 51.8   |
| 54       | 54.7  | 45.3  | 67.9   |



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





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.72 min Scan# 1946

Delta R.T. -0.02 min

Lab File: BG037950.D

Acq: 12 Nov 2018 18:45

Instrument :

BNA\_G

ClientSampleId :

S-S

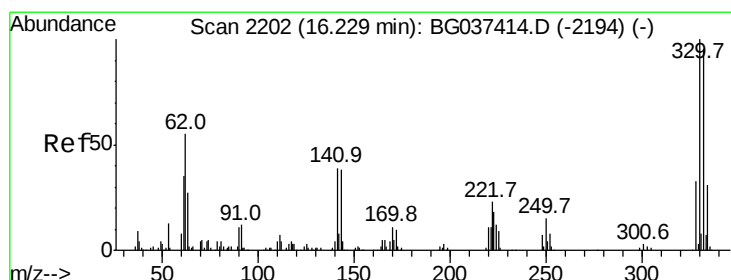
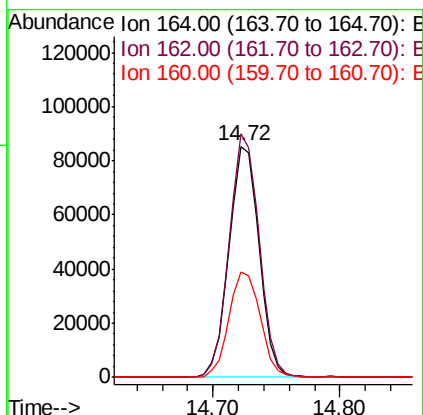
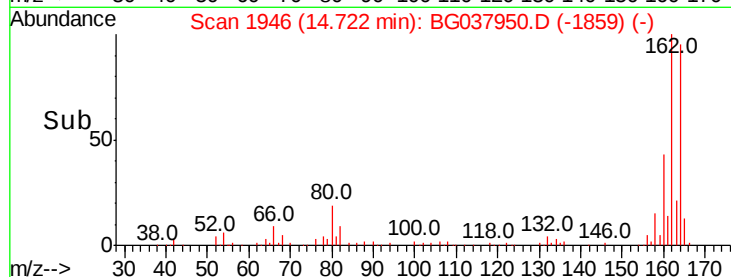
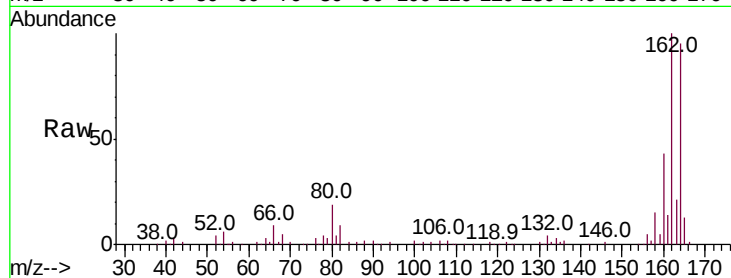
Tot Ion:164 Resp: 140026

Ion Ratio Lower Upper

164 100

162 105.2 81.3 121.9

160 45.7 36.3 54.5



#42

2,4,6-Tribromophenol

Concen: 134.533 ng

RT: 16.21 min Scan# 2200

Delta R.T. -0.01 min

Lab File: BG037950.D

Acq: 12 Nov 2018 18:45

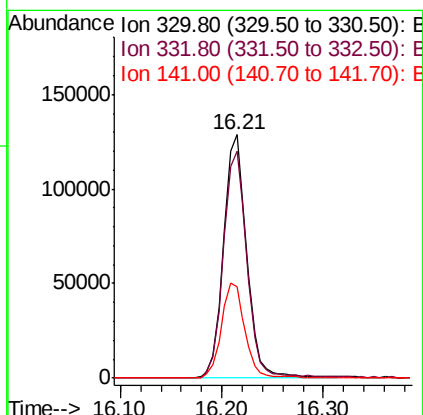
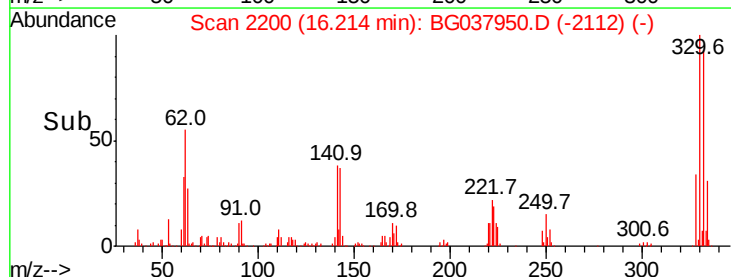
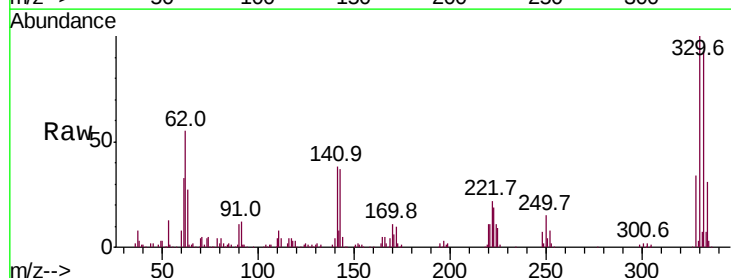
Tgt Ion:330 Resp: 205465

Ion Ratio Lower Upper

330 100

332 95.1 78.4 117.6

141 39.4 32.2 48.2

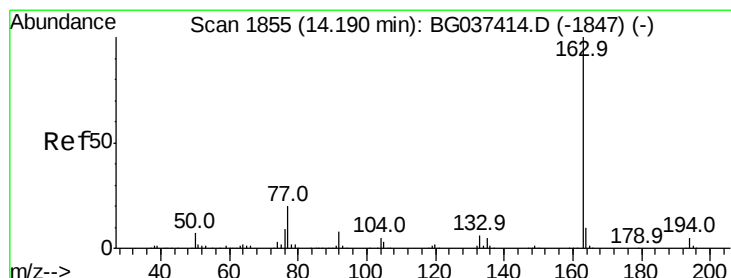
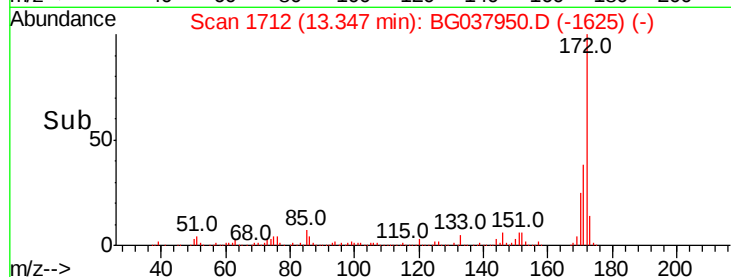
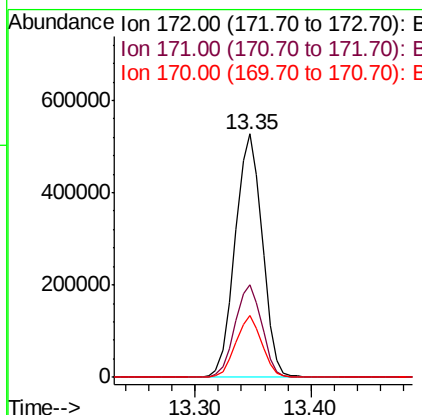
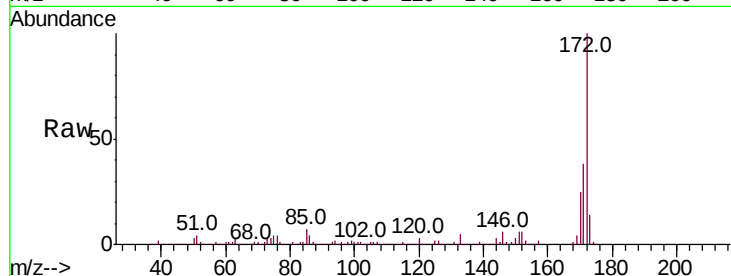




#45  
2-Fluorobiphenyl  
Concen: 92.400 ng  
RT: 13.35 min Scan# 1712  
Delta R.T. -0.02 min  
Lab File: BG037950.D  
Acq: 12 Nov 2018 18:45

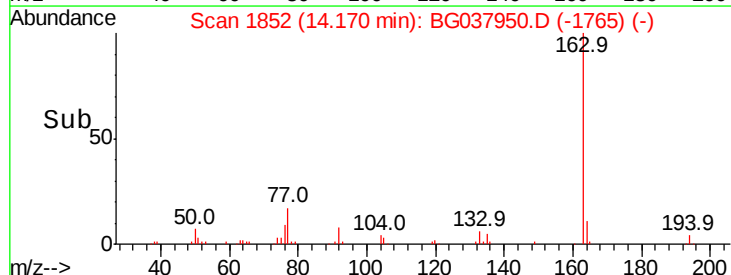
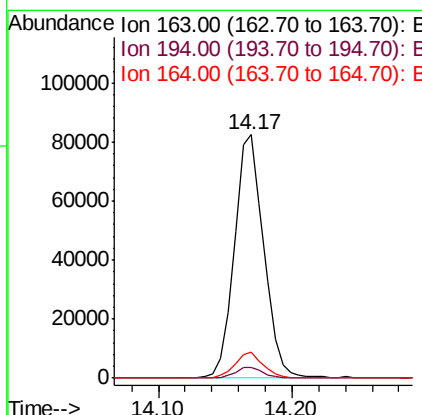
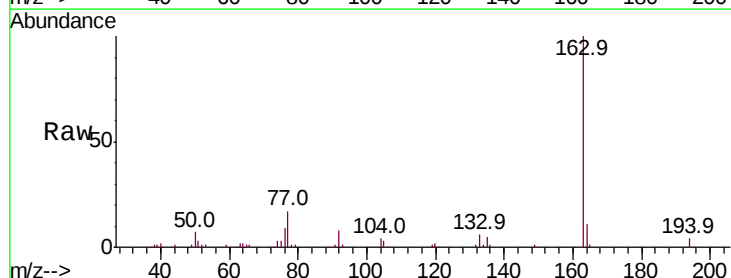
Instrument :  
BNA\_G  
ClientSampleId :  
S-S

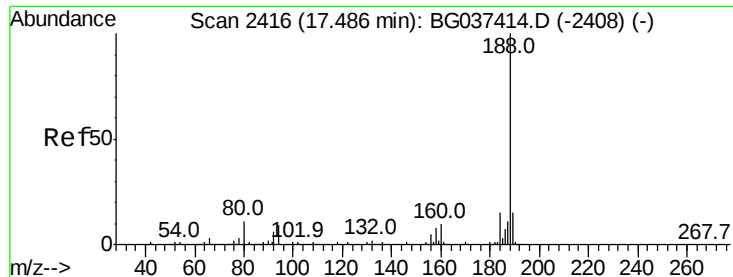
Tot Ion:172 Resp: 858018  
Ion Ratio Lower Upper  
172 100  
171 38.2 31.0 46.4  
170 25.2 20.2 30.2



#50  
Dimethylphthalate  
Concen: 11.618 ng  
RT: 14.17 min Scan# 1852  
Delta R.T. -0.02 min  
Lab File: BG037950.D  
Acq: 12 Nov 2018 18:45

Tgt Ion:163 Resp: 125851  
Ion Ratio Lower Upper  
163 100  
194 4.3 3.5 5.3  
164 10.8 8.5 12.7





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.47 min Scan# 2414

Delta R.T. -0.01 min

Lab File: BG037950.D

Acq: 12 Nov 2018 18:45

Instrument :

BNA\_G

ClientSampled :

S-S

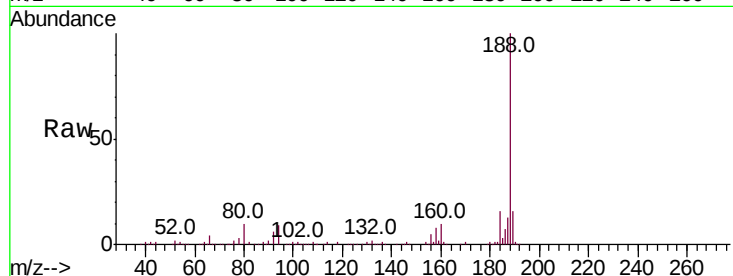
Tot Ion:188 Resp: 312249

Ion Ratio Lower Upper

188 100

94 8.7 7.2 10.8

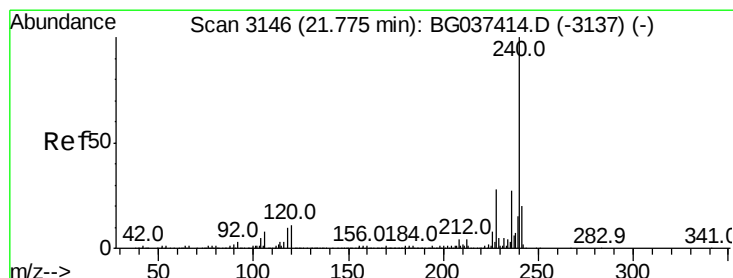
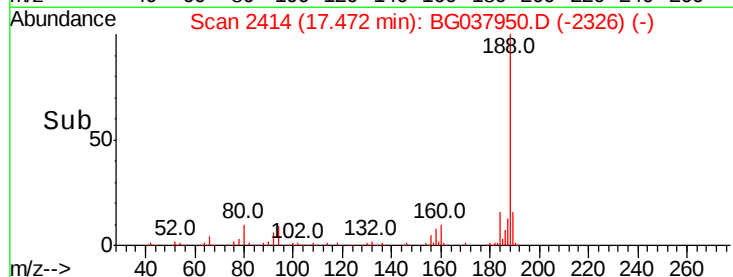
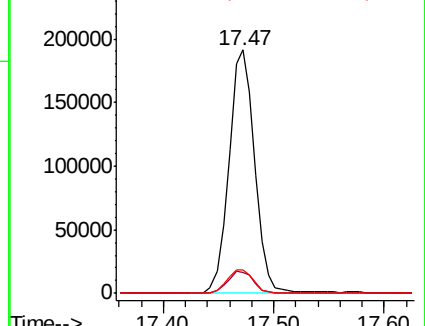
80 9.6 7.7 11.5



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



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.75 min Scan# 3143

Delta R.T. -0.02 min

Lab File: BG037950.D

Acq: 12 Nov 2018 18:45

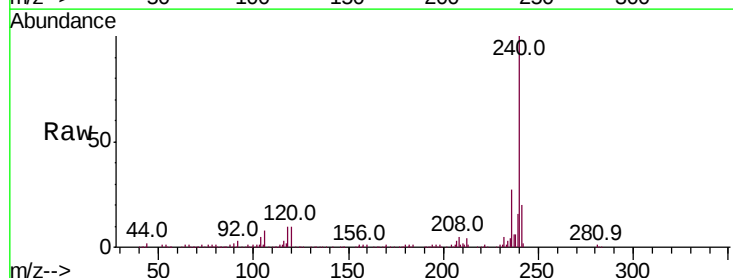
Tgt Ion:240 Resp: 273483

Ion Ratio Lower Upper

240 100

120 10.4 8.1 12.1

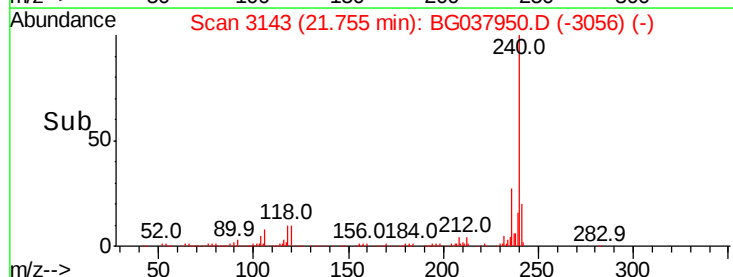
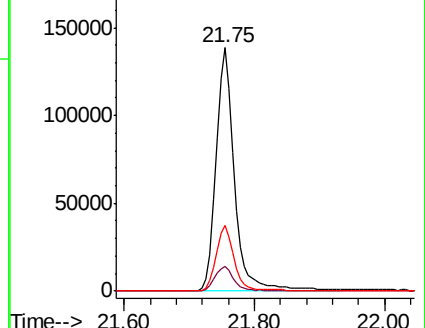
236 26.8 21.4 32.0

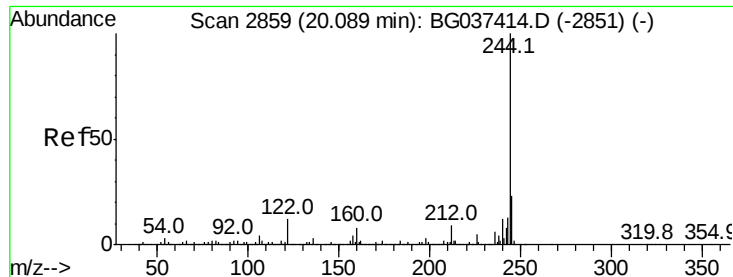


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#79

Terphenyl-d14

Concen: 92.379 ng

RT: 20.07 min Scan# 2857

Delta R.T. -0.01 min

Lab File: BG037950.D

Acq: 12 Nov 2018 18:45

Instrument :

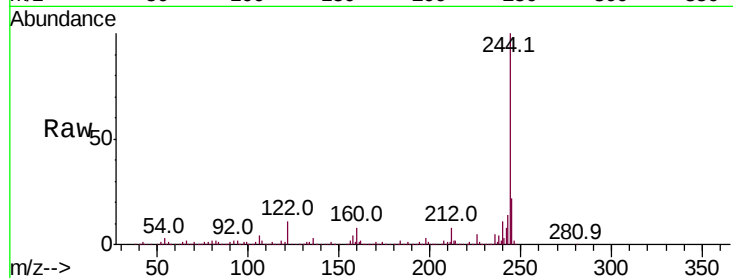
BNA\_G

ClientSampled :

S-S

Tot Ion:244 Resp: 1182355

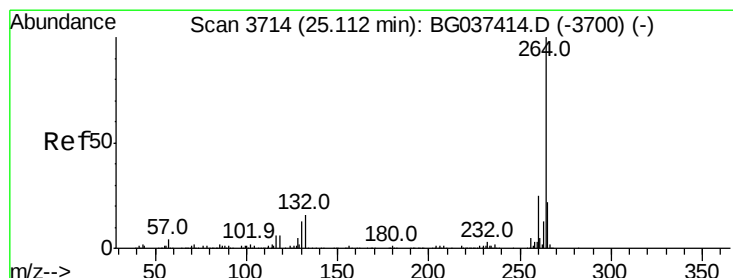
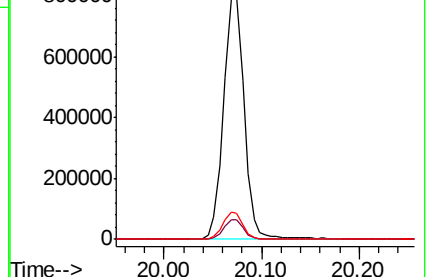
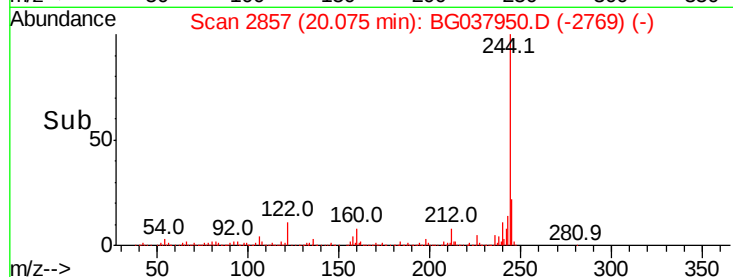
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 244 | 100   |       |       |
| 212 | 8.1   | 6.5   | 9.7   |
| 122 | 10.7  | 9.0   | 13.4  |



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



#87

Perylene-d12

Concen: 20.000 ng

RT: 25.09 min Scan# 3710

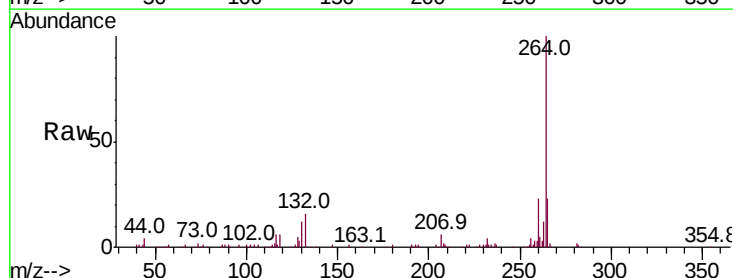
Delta R.T. -0.03 min

Lab File: BG037950.D

Acq: 12 Nov 2018 18:45

Tgt Ion:264 Resp: 239078

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 264 | 100   |       |       |
| 260 | 23.2  | 18.2  | 27.4  |
| 265 | 23.0  | 17.9  | 26.9  |



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

