

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG120618\  
 Data File : BG038394.D  
 Acq On : 6 Dec 2018 23:08  
 Operator : JU/SJ  
 Sample : J6225-04  
 Misc :  
 ALS Vial : 17 Sample Multiplier: 1

Instrument :  
 BNA\_G  
 ClientSampleId :  
 120318-JETT-E-U-S

Quant Time: Dec 07 01:59:45 2018  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG120418.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Tue Dec 04 17:15:40 2018  
 Response via : Initial Calibration

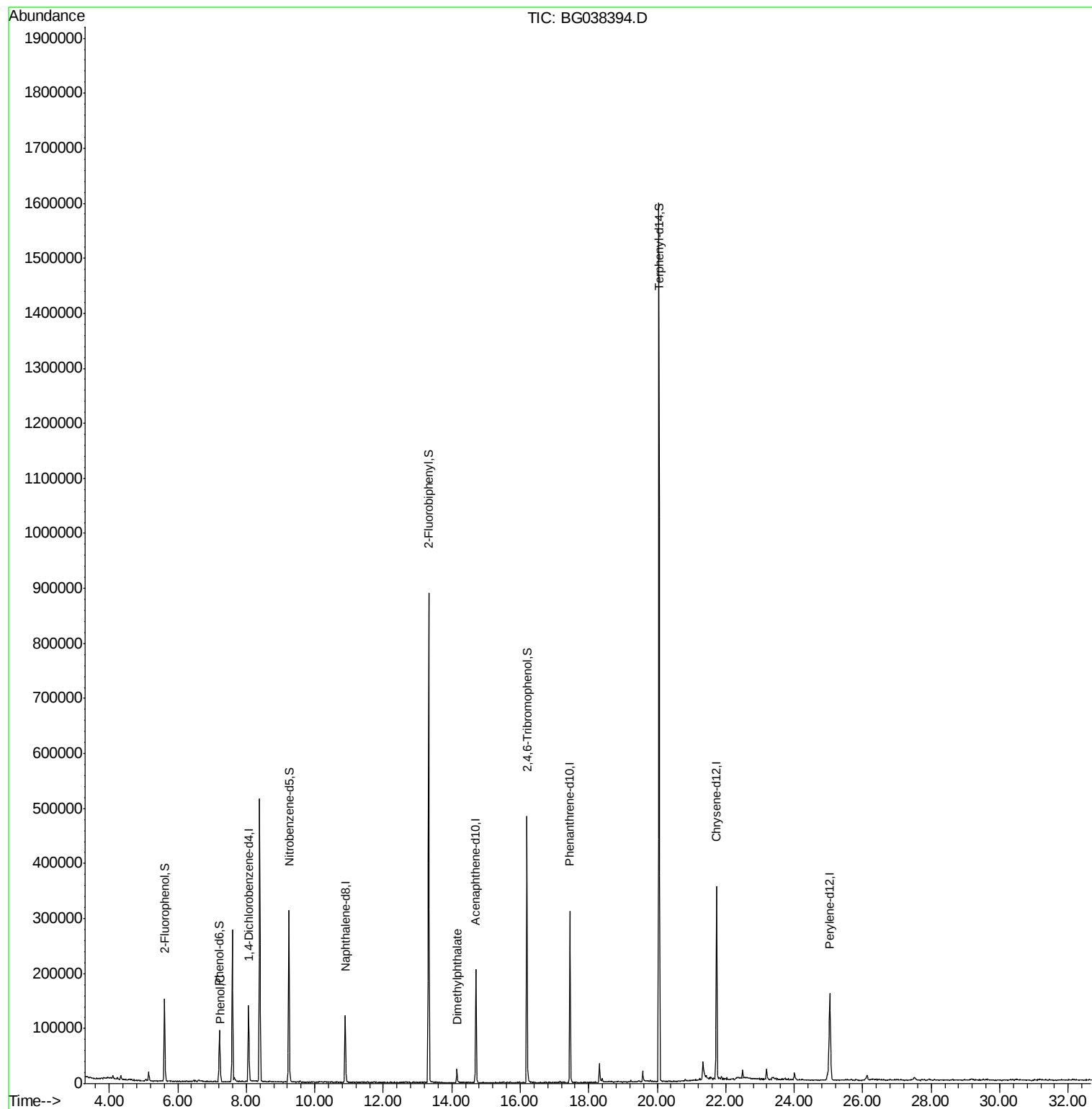
| Internal Standards          | R.T.  | QIon | Response | Conc   | Units | Dev(Min) |
|-----------------------------|-------|------|----------|--------|-------|----------|
| 1) 1,4-Dichlorobenzene-d4   | 8.07  | 152  | 40437    | 20.00  | ng    | 0.00     |
| 21) Naphthalene-d8          | 10.89 | 136  | 109938   | 20.00  | ng    | 0.00     |
| 39) Acenaphthene-d10        | 14.70 | 164  | 74230    | 20.00  | ng    | 0.00     |
| 64) Phenanthrene-d10        | 17.45 | 188  | 197050   | 20.00  | ng    | 0.00     |
| 76) Chrysene-d12            | 21.73 | 240  | 217616   | 20.00  | ng    | -0.01    |
| 87) Perylene-d12            | 25.04 | 264  | 184578   | 20.00  | ng    | -0.01    |
| System Monitoring Compounds |       |      |          |        |       |          |
| 5) 2-Fluorophenol           | 5.61  | 112  | 67977    | 29.75  | ng    | 0.00     |
| 7) Phenol-d6                | 7.22  | 99   | 58582    | 17.74  | ng    | 0.00     |
| 23) Nitrobenzene-d5         | 9.25  | 82   | 194773   | 87.96  | ng    | 0.00     |
| 42) 2,4,6-Tribromophenol    | 16.20 | 330  | 92438    | 101.44 | ng    | 0.00     |
| 45) 2-Fluorobiphenyl        | 13.32 | 172  | 489923   | 94.05  | ng    | 0.00     |
| 79) Terphenyl-d14           | 20.06 | 244  | 807877   | 79.53  | ng    | 0.00     |
| Target Compounds            |       |      |          |        |       |          |
| 10) Phenol                  | 7.25  | 94   | 9436     | 2.704  | ng    | 93       |
| 50) Dimethylphthalate       | 14.15 | 163  | 19416    | 3.261  | ng    | # 96     |

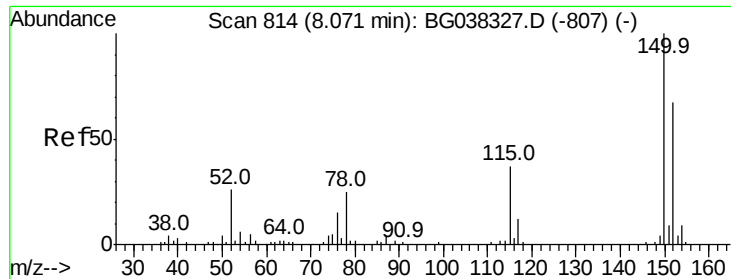
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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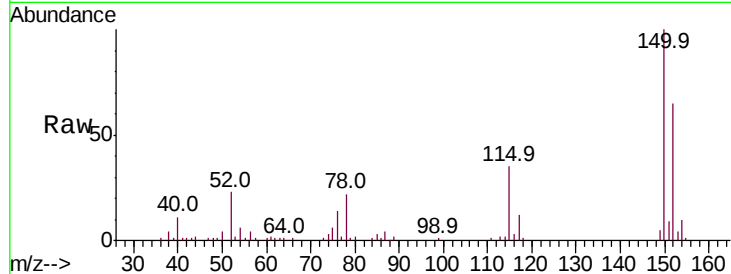


#1

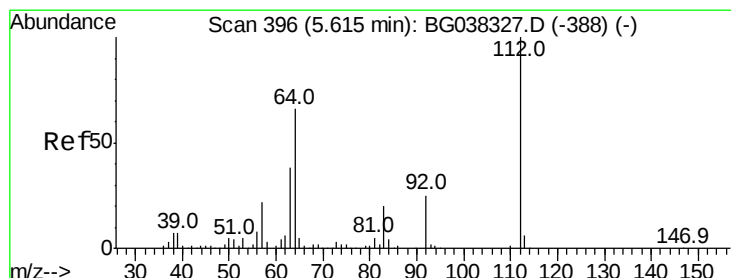
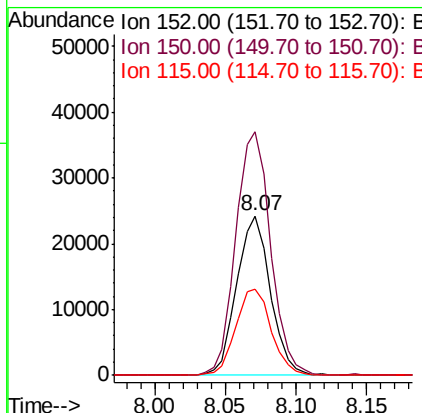
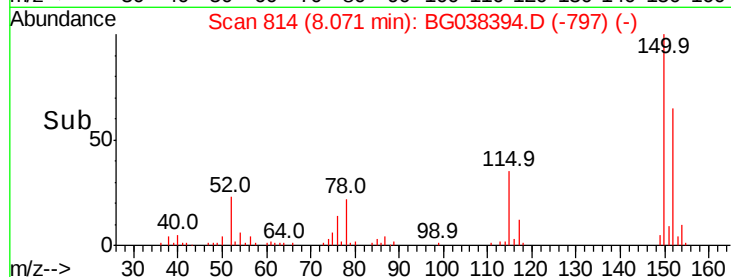
1,4-Dichlorobenzene-d4  
 Concen: 20.000 ng  
 RT: 8.07 min Scan# 814  
 Delta R.T. -0.00 min  
 Lab File: BG038394.D  
 Acq: 6 Dec 2018 23:08

Instrument :  
 BNA\_G  
 ClientSampleId :  
 120318-JETT-E-U-S

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 152     | 100   |       |       |
| 150     | 152.8 | 126.0 | 189.0 |
| 115     | 53.8  | 45.5  | 68.3  |



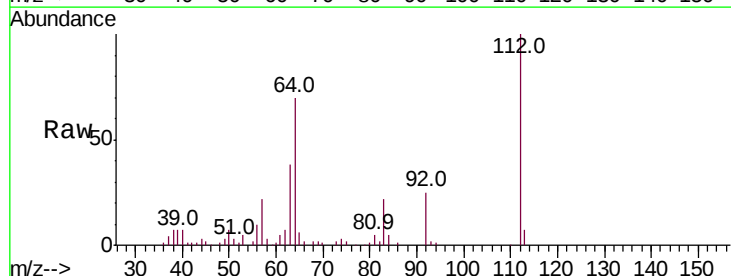
Abundance Ion 152.00 (151.70 to 152.70): E  
 Ion 150.00 (149.70 to 150.70): E  
 Ion 115.00 (114.70 to 115.70): E



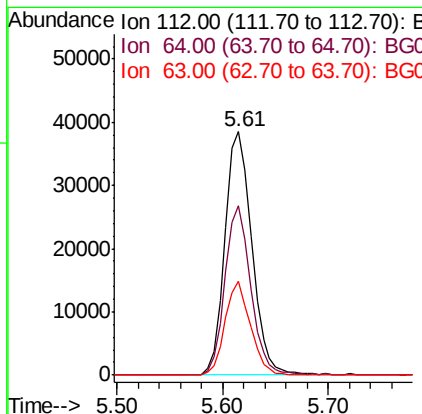
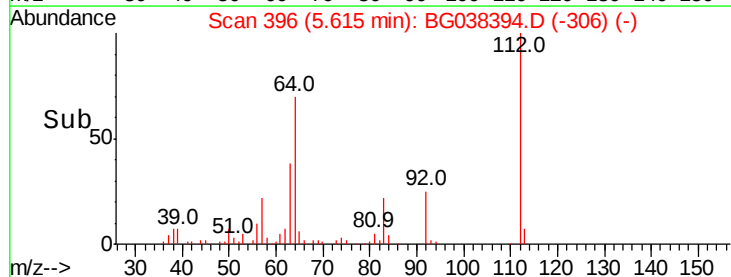
#5

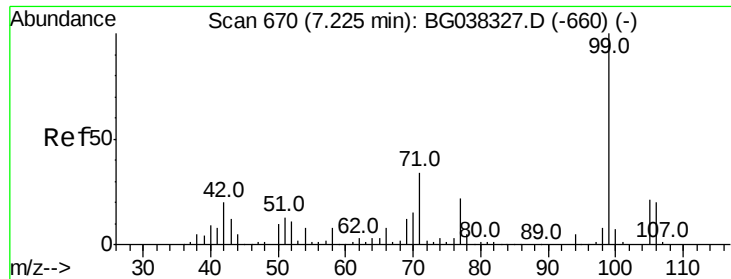
2-Fluorophenol  
 Concen: 29.749 ng  
 RT: 5.61 min Scan# 396  
 Delta R.T. -0.00 min  
 Lab File: BG038394.D  
 Acq: 6 Dec 2018 23:08

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 112     | 100   |       |       |
| 64      | 69.8  | 53.1  | 79.7  |
| 63      | 38.4  | 27.3  | 40.9  |



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: 17.738 ng

RT: 7.22 min Scan# 669

Delta R.T. -0.01 min

Lab File: BG038394.D

Acq: 6 Dec 2018 23:08

Instrument :

BNA\_G

ClientSampleId :

120318-JETT-E-U-S

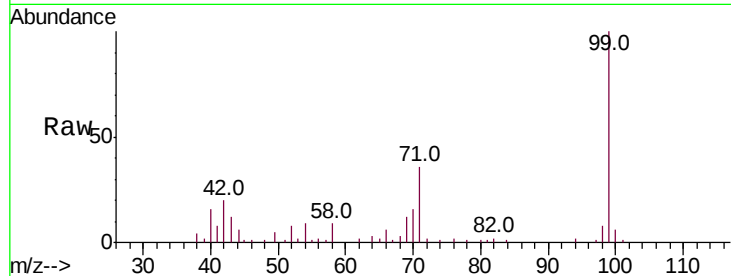
Tot Ion: 99 Resp: 58582

Ion Ratio Lower Upper

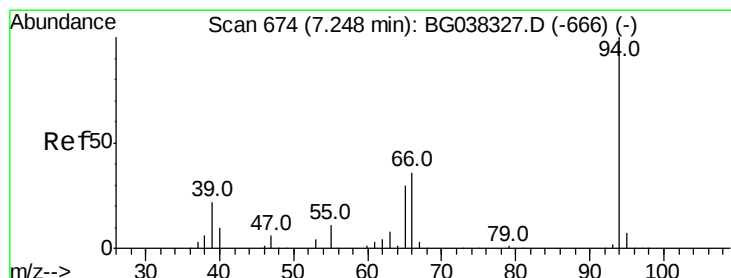
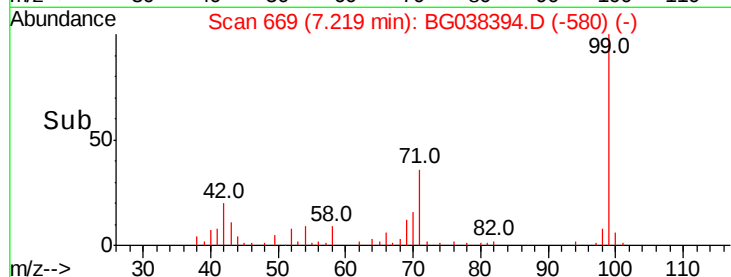
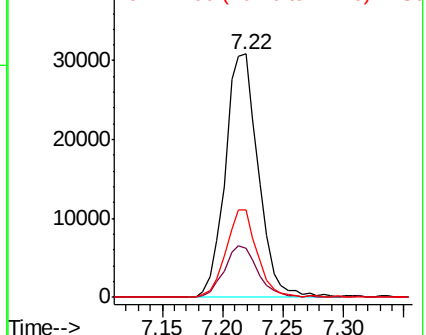
99 100

42 20.1 15.0 22.4

71 35.9 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: 2.704 ng

RT: 7.25 min Scan# 674

Delta R.T. -0.00 min

Lab File: BG038394.D

Acq: 6 Dec 2018 23:08

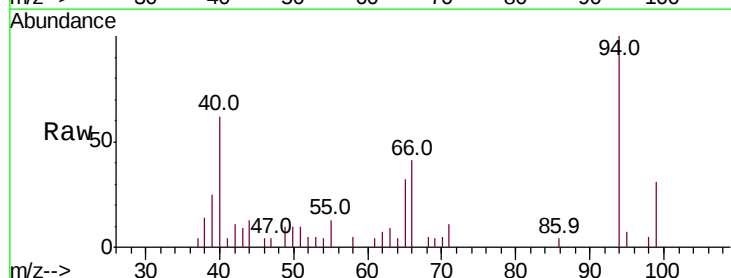
Tgt Ion: 94 Resp: 9436

Ion Ratio Lower Upper

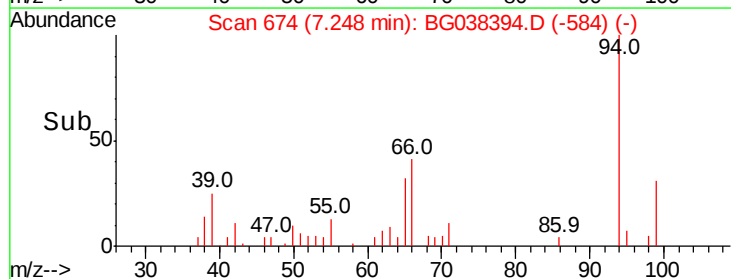
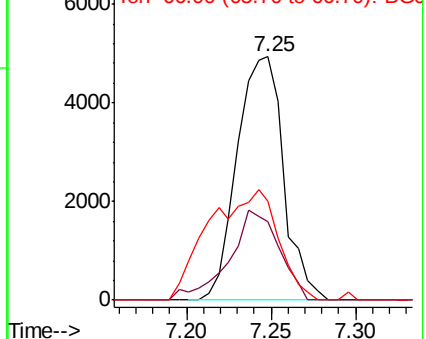
94 100

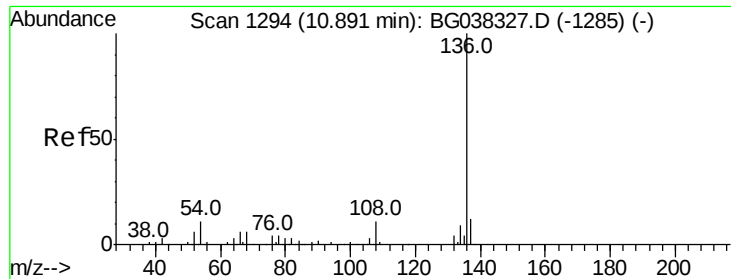
65 32.3 9.7 49.7

66 40.8 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: 10.89 min Scan# 1294

Delta R.T. -0.00 min

Lab File: BG038394.D

Acq: 6 Dec 2018 23:08

Instrument :

BNA\_G

ClientSampleId :

120318-JETT-E-U-S

Tot Ion:136 Resp: 109938

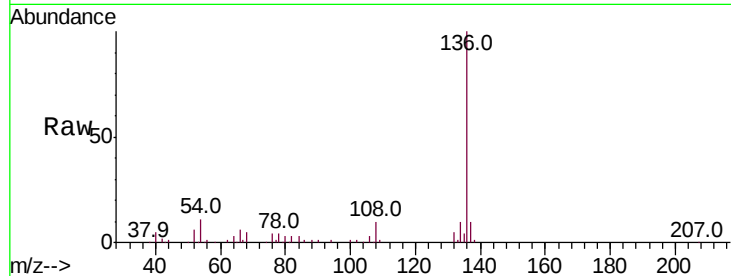
Ion Ratio Lower Upper

136 100

137 10.1 9.6 14.4

54 11.1 7.9 11.9

68 4.9 4.8 7.2

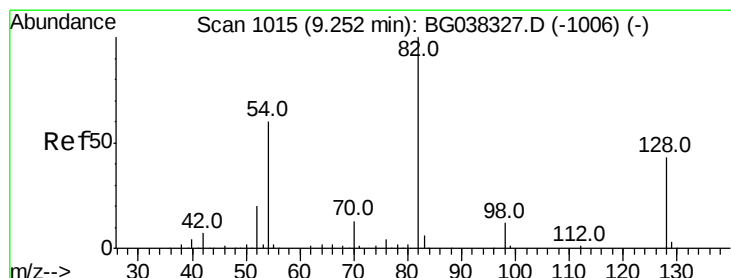
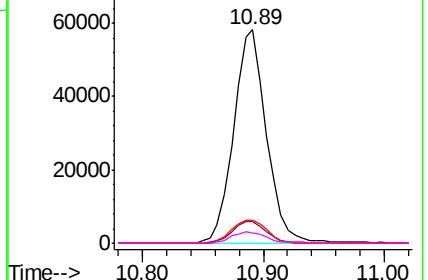
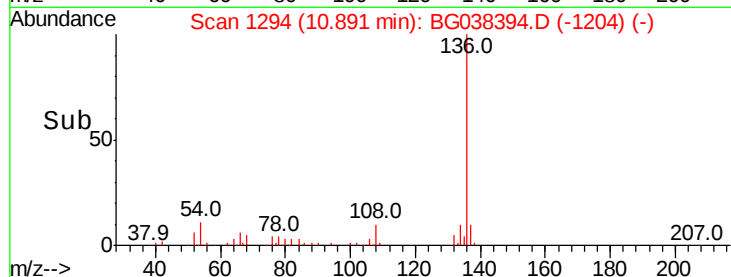


Abundance Ion 136.00 (135.70 to 136.70): E

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: 87.959 ng

RT: 9.25 min Scan# 1014

Delta R.T. -0.01 min

Lab File: BG038394.D

Acq: 6 Dec 2018 23:08

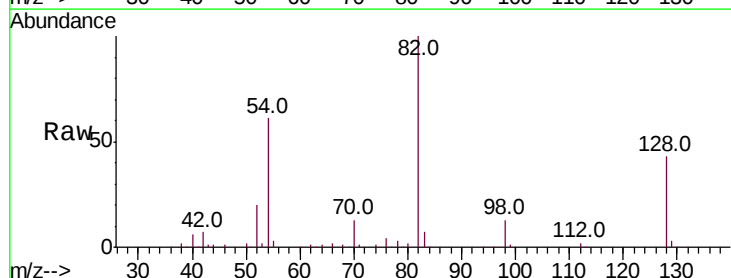
Tgt Ion: 82 Resp: 194773

Ion Ratio Lower Upper

82 100

128 43.1 34.6 51.8

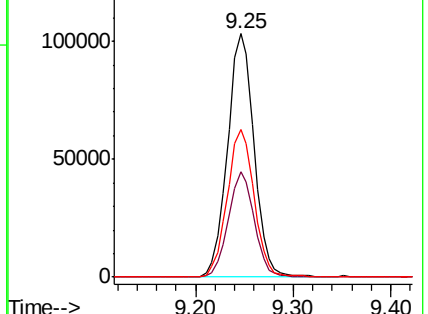
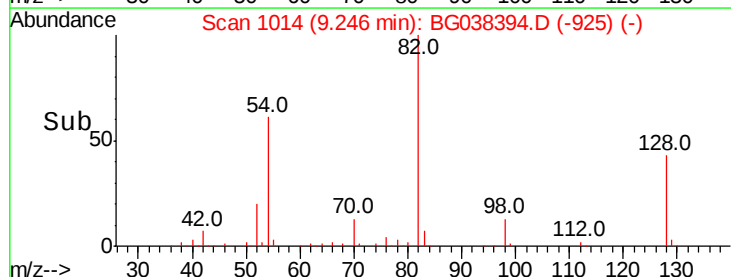
54 60.6 45.3 67.9

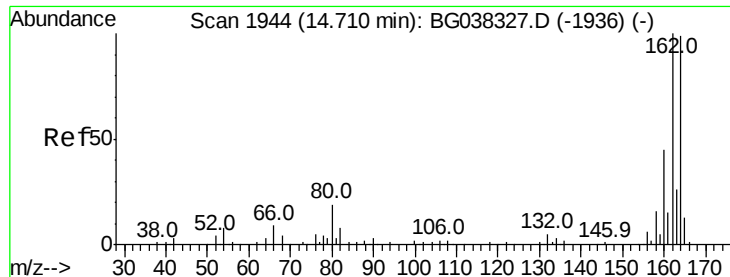


Abundance Ion 82.00 (81.70 to 82.70): BGC

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: 14.70 min Scan# 1943

Delta R.T. -0.01 min

Lab File: BG038394.D

Acq: 6 Dec 2018 23:08

Instrument :

BNA\_G

ClientSampleId :

120318-JETT-E-U-S

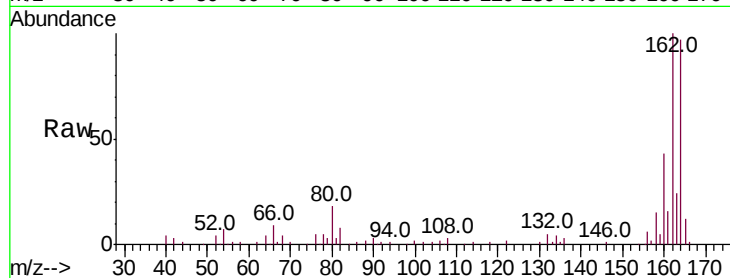
Tot Ion:164 Resp: 74230

Ion Ratio Lower Upper

164 100

162 103.0 81.3 121.9

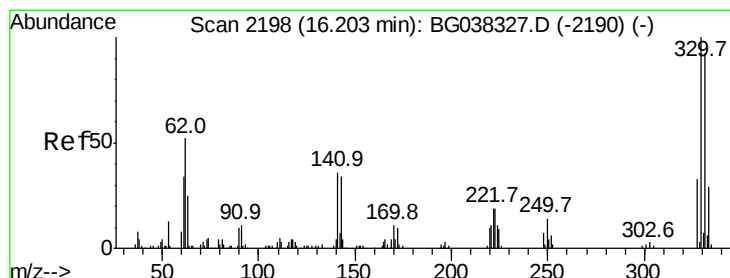
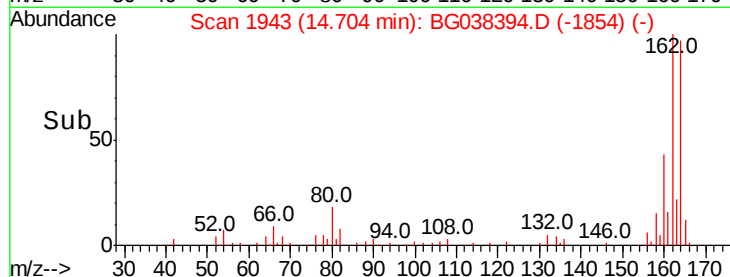
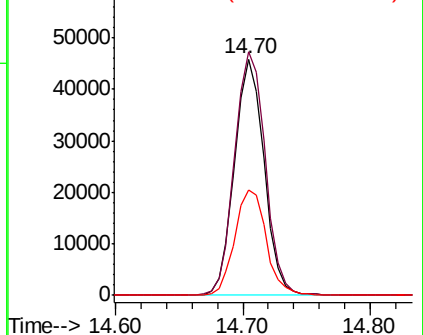
160 44.3 36.3 54.5



Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#42

2,4,6-Tribromophenol

Concen: 101.439 ng

RT: 16.20 min Scan# 2197

Delta R.T. -0.01 min

Lab File: BG038394.D

Acq: 6 Dec 2018 23:08

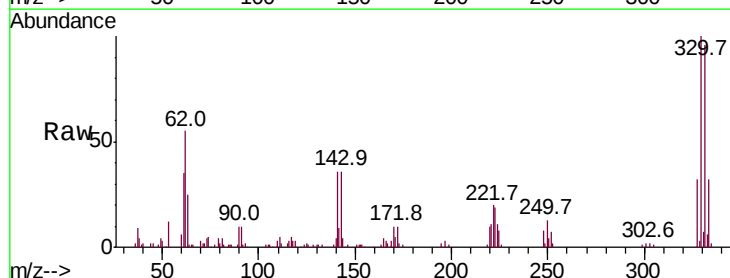
Tgt Ion:330 Resp: 92438

Ion Ratio Lower Upper

330 100

332 96.9 78.4 117.6

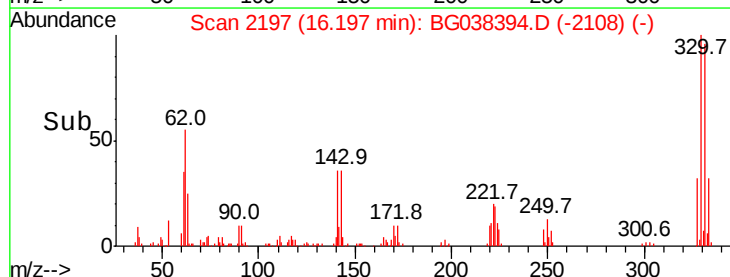
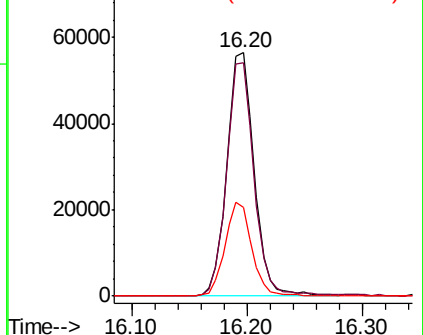
141 37.8 32.2 48.2

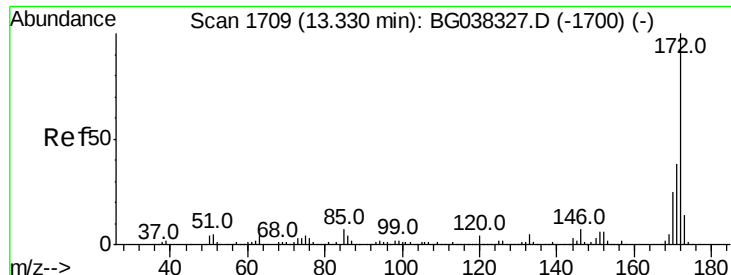


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

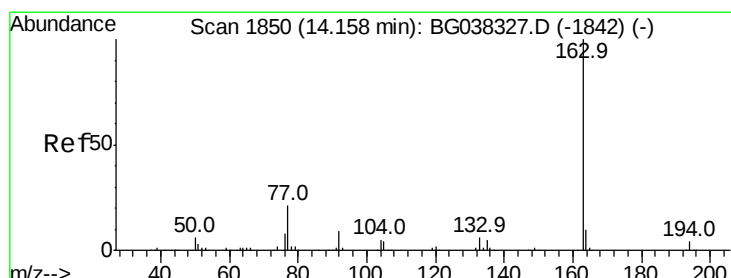
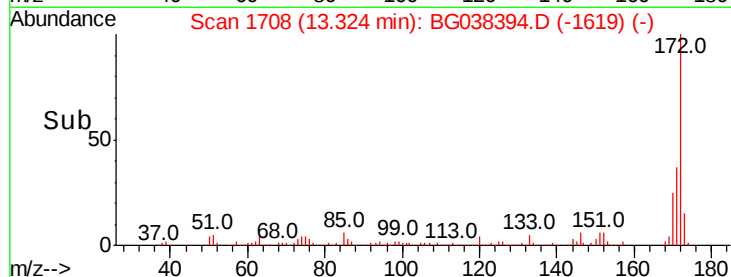
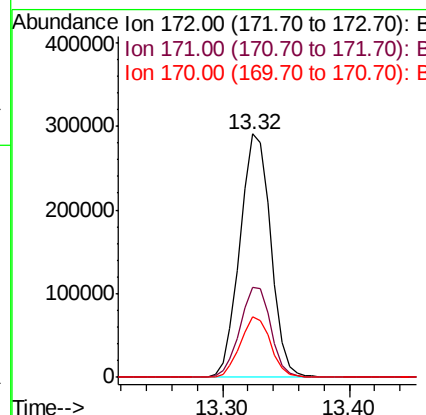
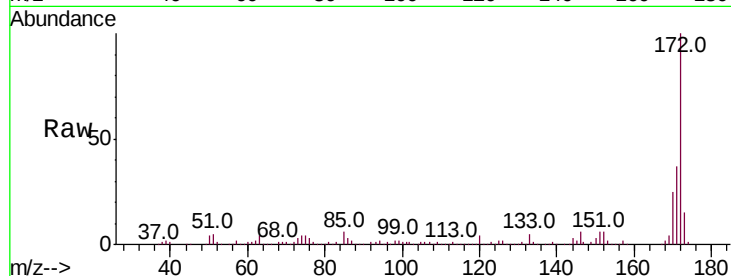




#45  
2-Fluorobiphenyl  
Concen: 94.045 ng  
RT: 13.32 min Scan# 1708  
Delta R.T. -0.01 min  
Lab File: BG038394.D  
Acq: 6 Dec 2018 23:08

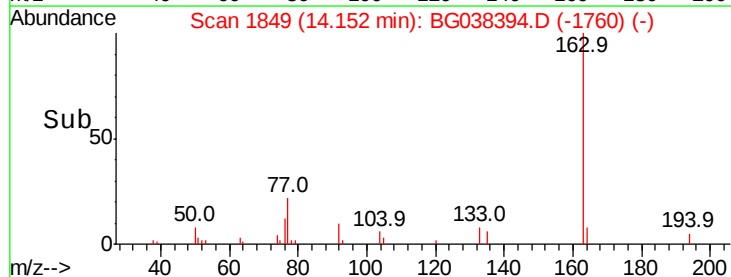
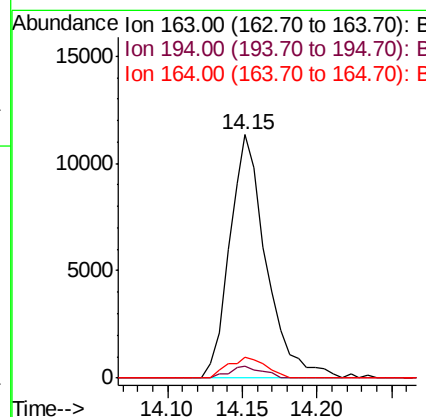
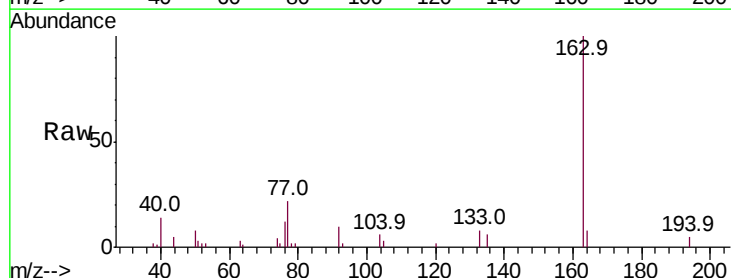
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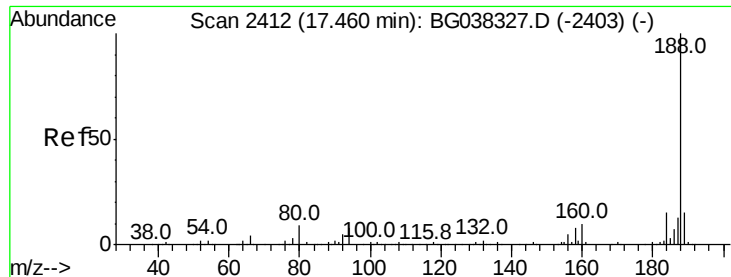
Tot Ion:172 Resp: 489923  
Ion Ratio Lower Upper  
172 100  
171 37.1 31.0 46.4  
170 24.7 20.2 30.2



#50  
Dimethylphthalate  
Concen: 3.261 ng  
RT: 14.15 min Scan# 1849  
Delta R.T. -0.01 min  
Lab File: BG038394.D  
Acq: 6 Dec 2018 23:08

Tgt Ion:163 Resp: 19416  
Ion Ratio Lower Upper  
163 100  
194 4.7 3.5 5.3  
164 8.4 8.5 12.7#

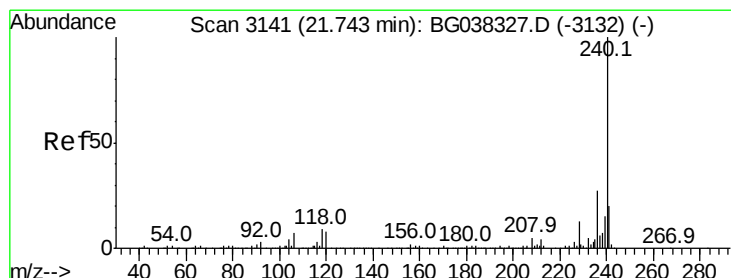
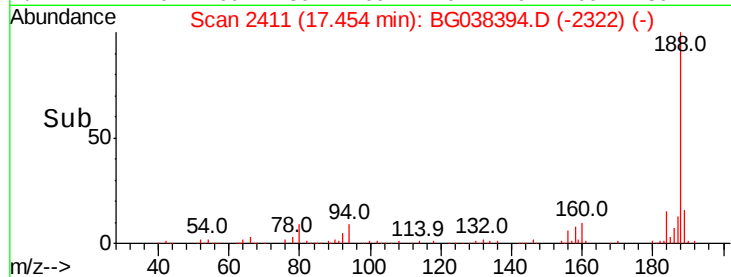
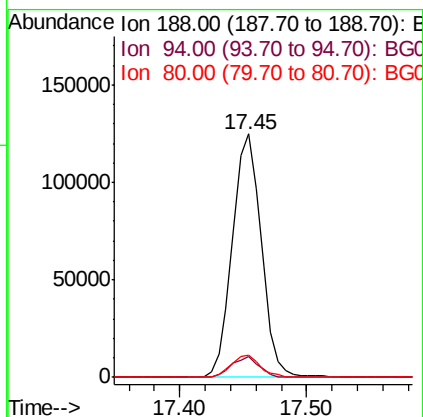
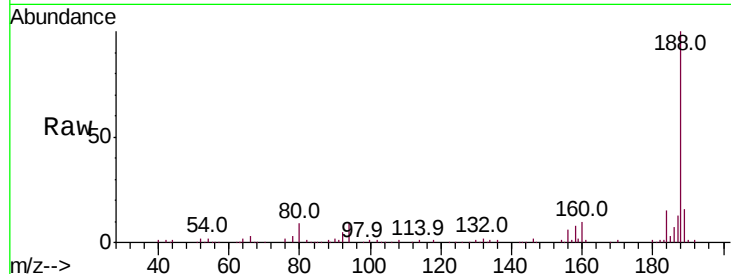




#64  
Phenanthrene-d10  
Concen: 20.000 ng  
RT: 17.45 min Scan# 2411  
Delta R.T. -0.01 min  
Lab File: BG038394.D  
Acq: 6 Dec 2018 23:08

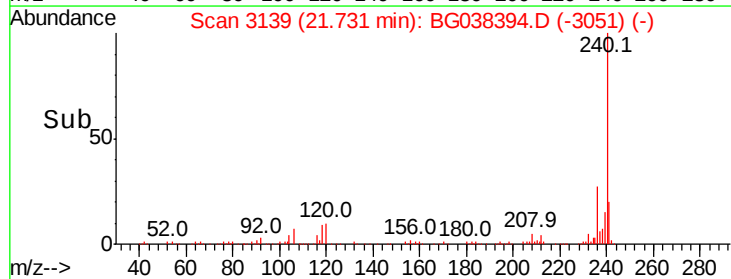
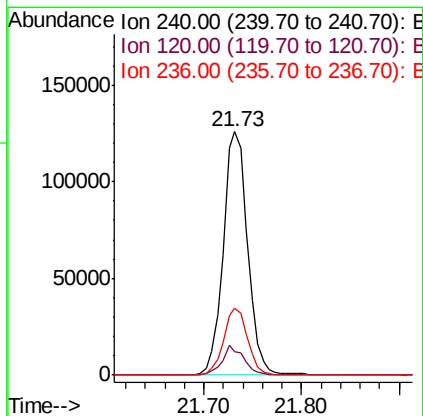
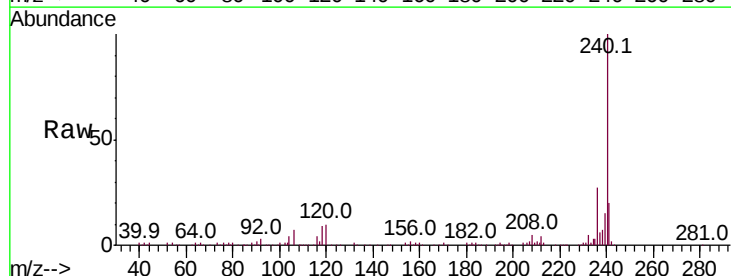
Instrument :  
BNA\_G  
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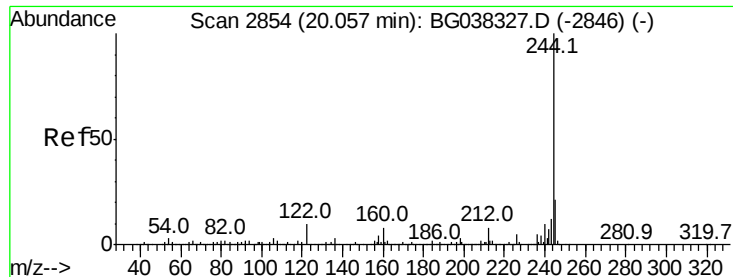
Tot Ion:188 Resp: 197050  
Ion Ratio Lower Upper  
188 100  
94 8.8 7.2 10.8  
80 9.2 7.7 11.5



#76  
Chrysene-d12  
Concen: 20.000 ng  
RT: 21.73 min Scan# 3139  
Delta R.T. -0.01 min  
Lab File: BG038394.D  
Acq: 6 Dec 2018 23:08

Tgt Ion:240 Resp: 217616  
Ion Ratio Lower Upper  
240 100  
120 9.6 8.1 12.1  
236 27.5 21.4 32.0





#79

Terphenyl-d14

Concen: 79.529 ng

RT: 20.06 min Scan# 2854

Delta R.T. -0.00 min

Lab File: BG038394.D

Acq: 6 Dec 2018 23:08

Instrument :

BNA\_G

ClientSampleId :

120318-JETT-E-U-S

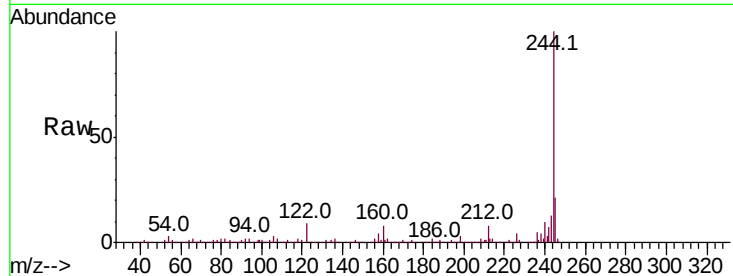
Tot Ion:244 Resp: 807877

Ion Ratio Lower Upper

244 100

212 8.0 6.5 9.7

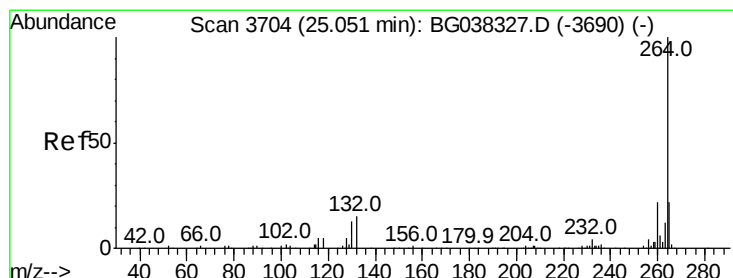
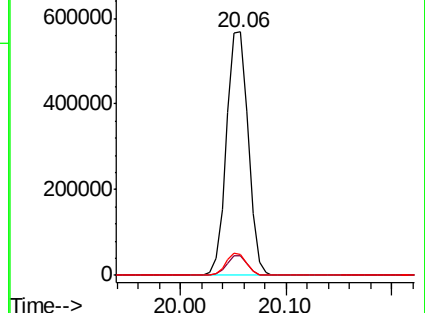
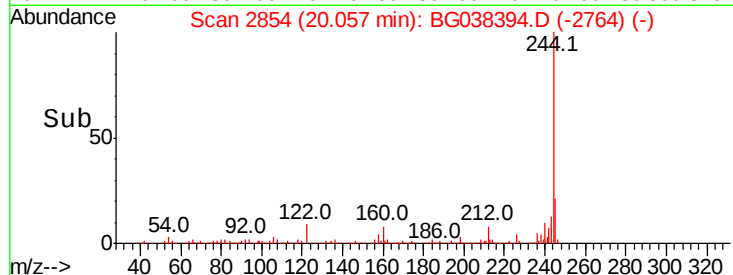
122 8.5 9.0 13.4#



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: 25.04 min Scan# 3702

Delta R.T. -0.01 min

Lab File: BG038394.D

Acq: 6 Dec 2018 23:08

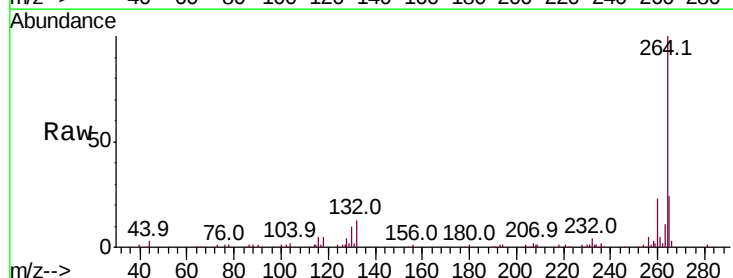
Tgt Ion:264 Resp: 184578

Ion Ratio Lower Upper

264 100

260 22.9 18.2 27.4

265 23.9 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

