

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG121218\  
 Data File : BG038527.D  
 Acq On : 13 Dec 2018 11:29  
 Operator : JU/SJ  
 Sample : J6275-01  
 Misc :  
 ALS Vial : 23 Sample Multiplier: 1

Instrument :  
 BNA\_G  
 ClientSampleId :  
 BF-01-120418

Quant Time: Dec 13 16:44:21 2018  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG121218.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Wed Dec 12 15:26:27 2018  
 Response via : Initial Calibration

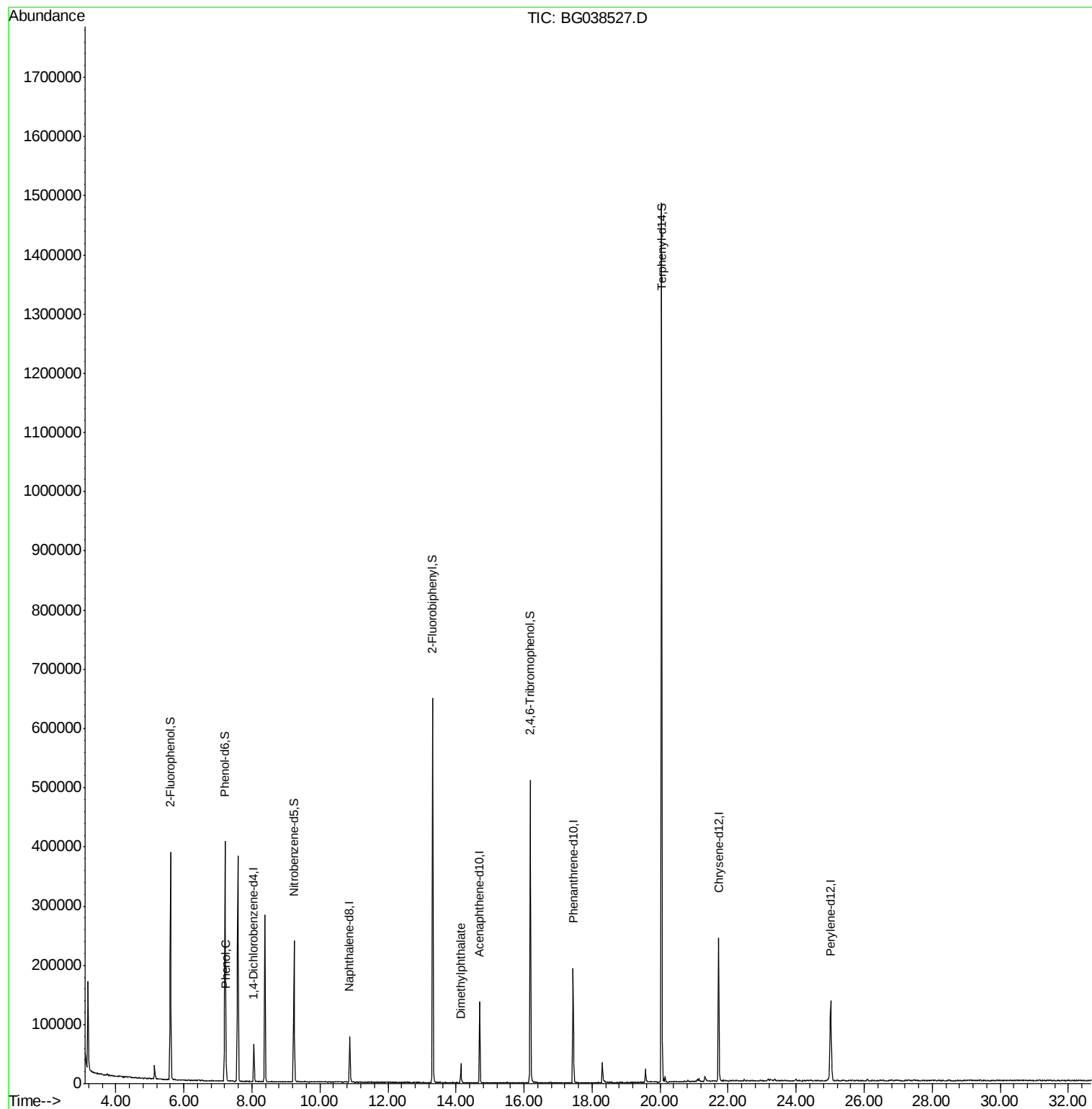
| Internal Standards          | R.T.  | QIon | Response | Conc   | Units | Dev(Min) |
|-----------------------------|-------|------|----------|--------|-------|----------|
| 1) 1,4-Dichlorobenzene-d4   | 8.06  | 152  | 18797    | 20.00  | ng    | 0.00     |
| 21) Naphthalene-d8          | 10.88 | 136  | 71322    | 20.00  | ng    | 0.00     |
| 39) Acenaphthene-d10        | 14.69 | 164  | 46948    | 20.00  | ng    | 0.00     |
| 64) Phenanthrene-d10        | 17.44 | 188  | 128926   | 20.00  | ng    | 0.00     |
| 76) Chrysene-d12            | 21.72 | 240  | 153242   | 20.00  | ng    | -0.01    |
| 87) Perylene-d12            | 25.01 | 264  | 164119   | 20.00  | ng    | -0.01    |
| System Monitoring Compounds |       |      |          |        |       |          |
| 5) 2-Fluorophenol           | 5.60  | 112  | 163483   | 154.26 | ng    | 0.00     |
| 7) Phenol-d6                | 7.21  | 99   | 221747   | 152.42 | ng    | 0.00     |
| 23) Nitrobenzene-d5         | 9.24  | 82   | 146152   | 104.69 | ng    | 0.00     |
| 42) 2,4,6-Tribromophenol    | 16.19 | 330  | 104263   | 161.14 | ng    | 0.00     |
| 45) 2-Fluorobiphenyl        | 13.31 | 172  | 342782   | 100.16 | ng    | 0.00     |
| 79) Terphenyl-d14           | 20.05 | 244  | 755706   | 107.32 | ng    | 0.00     |
| Target Compounds            |       |      |          |        |       |          |
| 10) Phenol                  | 7.24  | 94   | 14210    | 9.193  | ng    | 97       |
| 50) Dimethylphthalate       | 14.14 | 163  | 25664    | 6.694  | ng    | 97       |

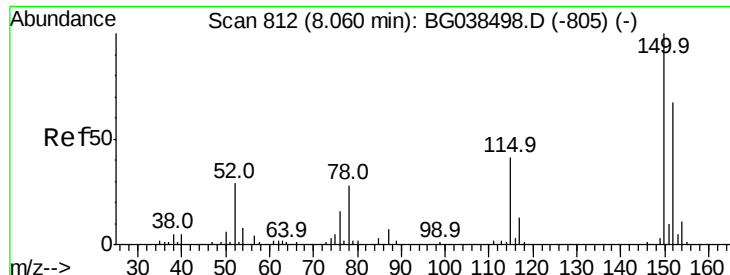
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Instrument :  
BNA\_G  
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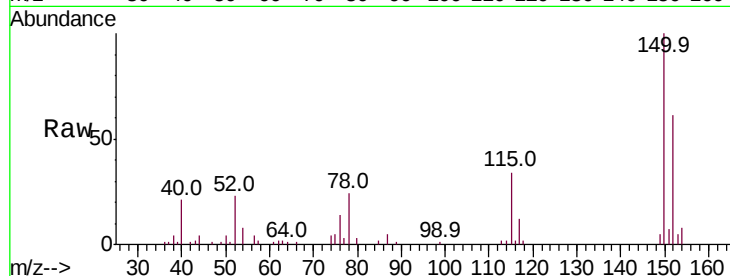


#1

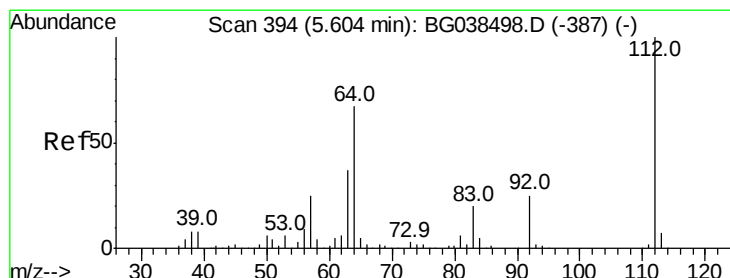
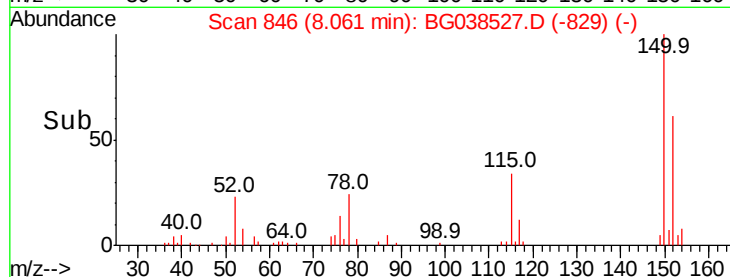
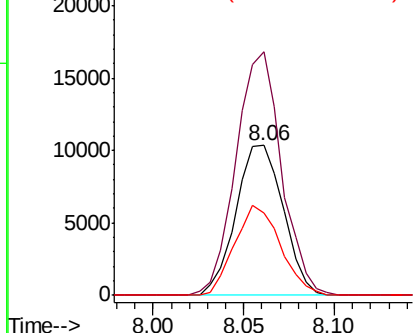
1,4-Dichlorobenzene-d4  
Concen: 20.000 ng  
RT: 8.06 min Scan# 846  
Delta R.T. 0.00 min  
Lab File: BG038527.D  
Acq: 13 Dec 2018 11:29

Instrument :  
BNA\_G  
ClientSampleId :  
BF-01-120418

Tot Ion:152 Resp: 18797  
Ion Ratio Lower Upper  
152 100  
150 162.6 119.5 179.3  
115 55.3 49.6 74.4



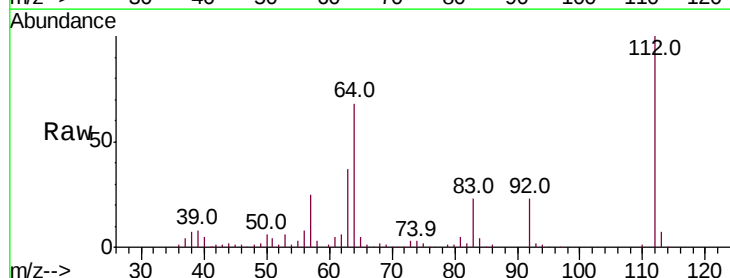
Abundance Ion 152.00 (151.70 to 152.70): E  
Ion 150.00 (149.70 to 150.70): E  
Ion 115.00 (114.70 to 115.70): E



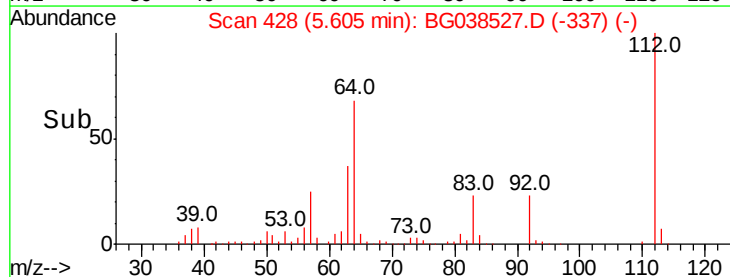
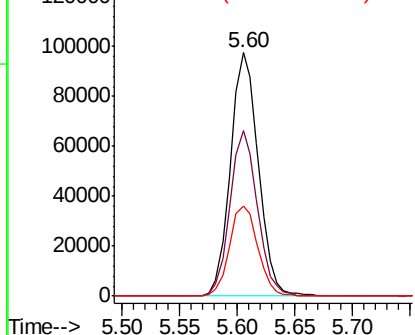
#5

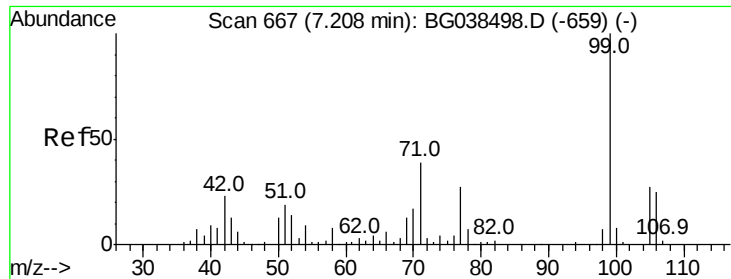
2-Fluorophenol  
Concen: 154.260 ng  
RT: 5.60 min Scan# 428  
Delta R.T. 0.00 min  
Lab File: BG038527.D  
Acq: 13 Dec 2018 11:29

Tgt Ion:112 Resp: 163483  
Ion Ratio Lower Upper  
112 100  
64 67.8 53.4 80.2  
63 36.7 29.3 43.9



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: 152.415 ng

RT: 7.21 min Scan# 701

Delta R.T. 0.00 min

Lab File: BG038527.D

Acq: 13 Dec 2018 11:29

Instrument :

BNA\_G

ClientSampleId :

BF-01-120418

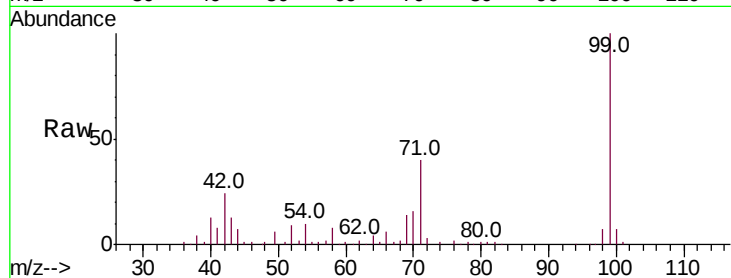
Tot Ion: 99 Resp: 221747

Ion Ratio Lower Upper

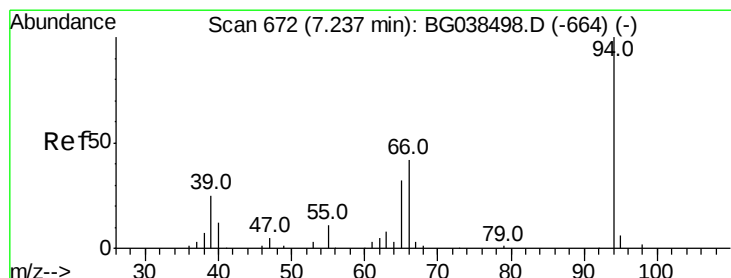
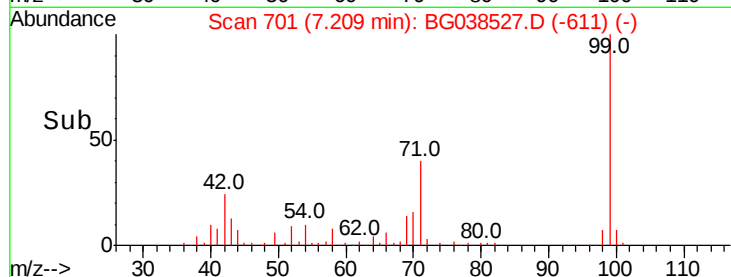
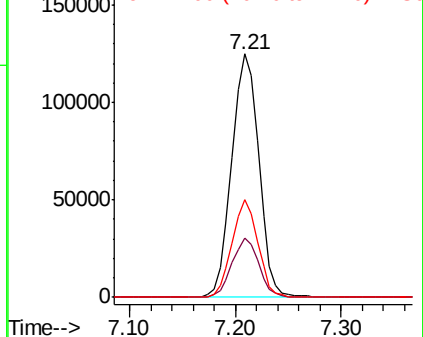
99 100

42 24.4 18.5 27.7

71 40.3 31.1 46.7



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: 9.193 ng

RT: 7.24 min Scan# 706

Delta R.T. 0.00 min

Lab File: BG038527.D

Acq: 13 Dec 2018 11:29

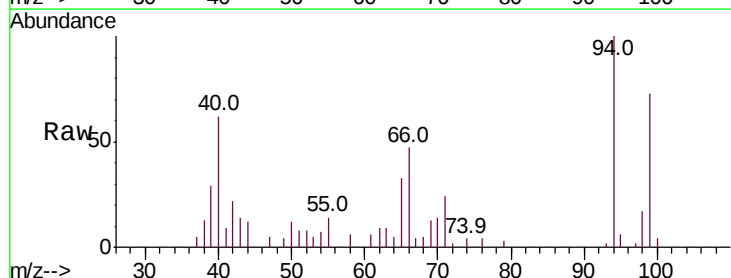
Tgt Ion: 94 Resp: 14210

Ion Ratio Lower Upper

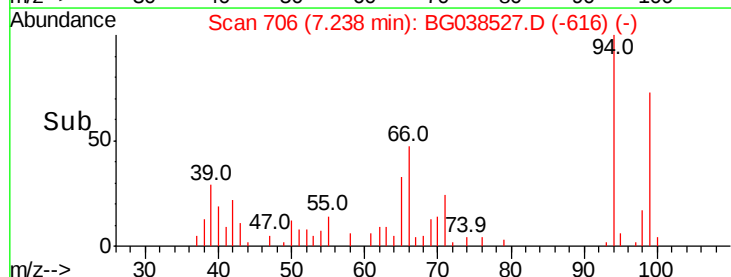
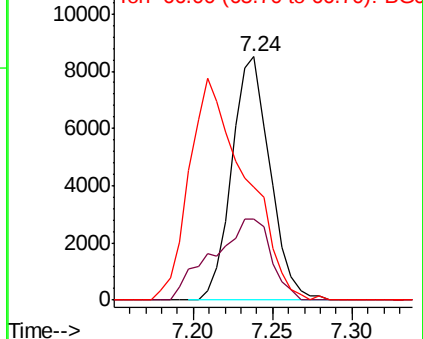
94 100

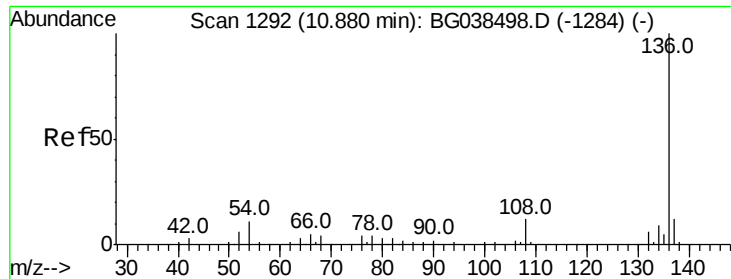
65 33.5 12.6 52.6

66 46.5 24.1 64.1



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

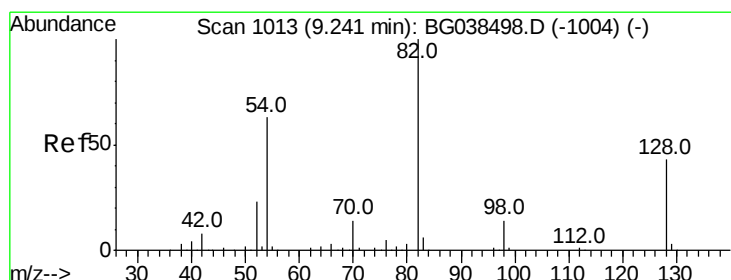
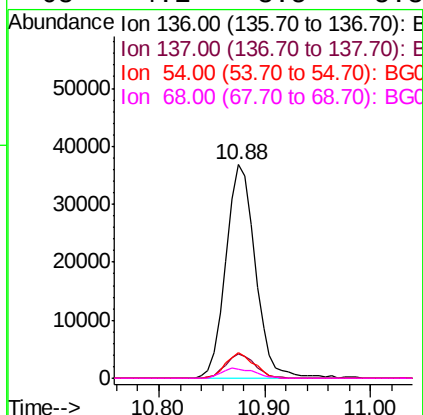
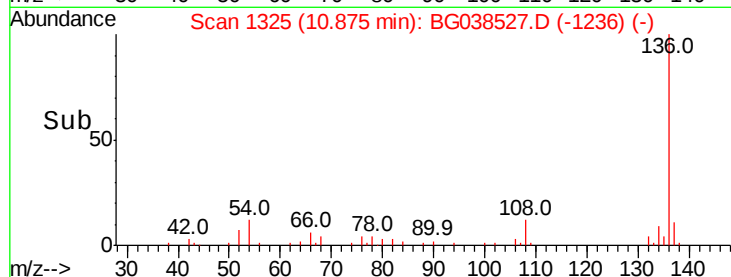
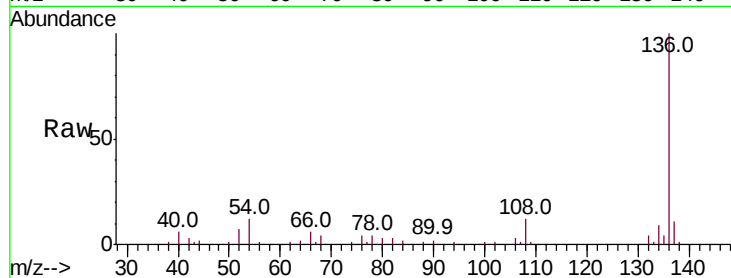




#21  
Naphthalene-d8  
Concen: 20.000 ng  
RT: 10.88 min Scan# 1325  
Delta R.T. -0.00 min  
Lab File: BG038527.D  
Acq: 13 Dec 2018 11:29

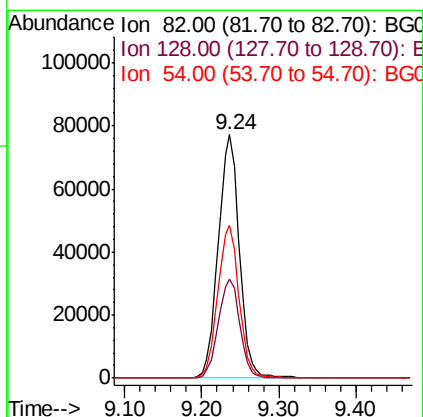
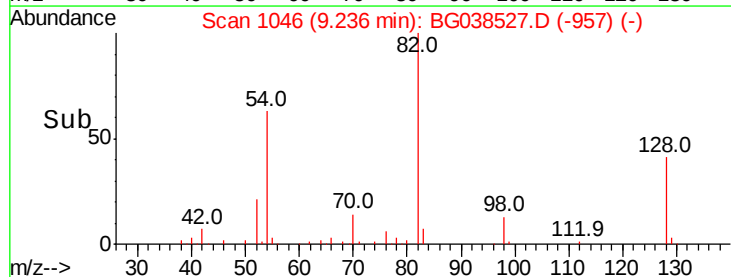
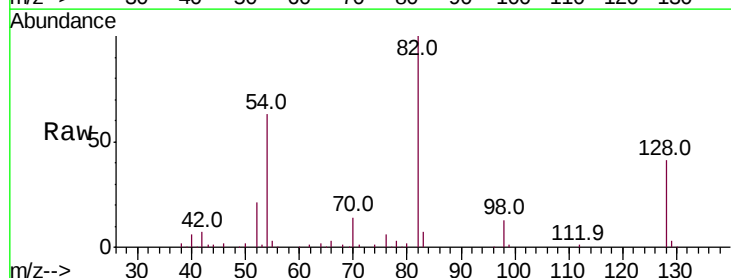
Instrument :  
BNA\_G  
ClientSampleId :  
BF-01-120418

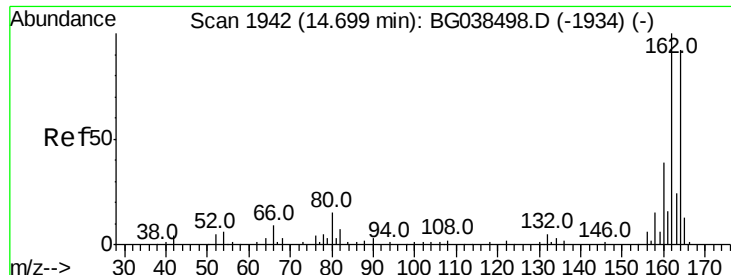
|          |       |       |       |
|----------|-------|-------|-------|
| Tot Ion: | 136   | Resp: | 71322 |
| Ion      | Ratio | Lower | Upper |
| 136      | 100   |       |       |
| 137      | 11.2  | 9.3   | 13.9  |
| 54       | 12.0  | 8.5   | 12.7  |
| 68       | 4.1   | 3.5   | 5.3   |



#23  
Nitrobenzene-d5  
Concen: 104.687 ng  
RT: 9.24 min Scan# 1046  
Delta R.T. -0.00 min  
Lab File: BG038527.D  
Acq: 13 Dec 2018 11:29

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 82    | Resp: | 146152 |
| Ion      | Ratio | Lower | Upper  |
| 82       | 100   |       |        |
| 128      | 40.9  | 34.6  | 52.0   |
| 54       | 62.6  | 50.6  | 76.0   |





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.69 min Scan# 1975

Delta R.T. -0.00 min

Lab File: BG038527.D

Acq: 13 Dec 2018 11:29

Instrument :

BNA\_G

ClientSampleId :

BF-01-120418

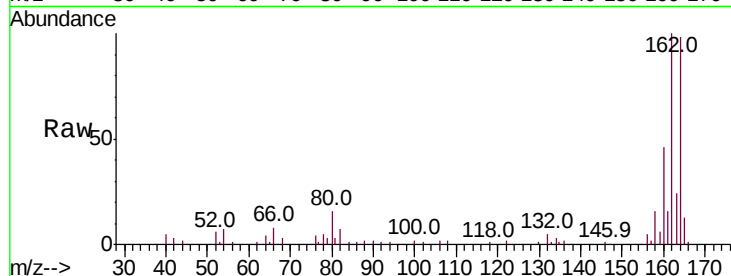
Tot Ion:164 Resp: 46948

Ion Ratio Lower Upper

164 100

162 101.8 86.6 130.0

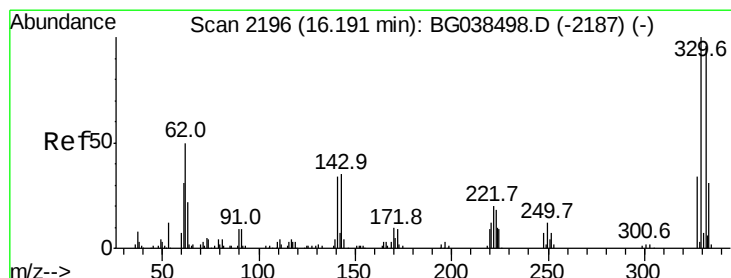
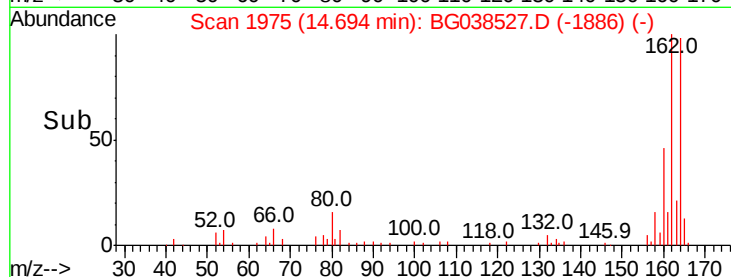
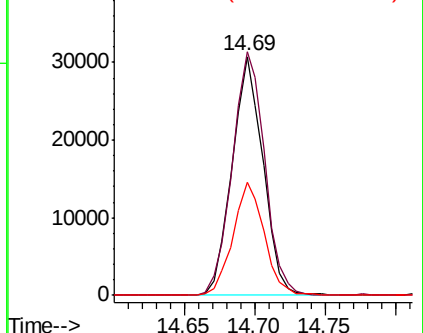
160 47.4 34.2 51.2



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: 161.141 ng

RT: 16.19 min Scan# 2229

Delta R.T. -0.00 min

Lab File: BG038527.D

Acq: 13 Dec 2018 11:29

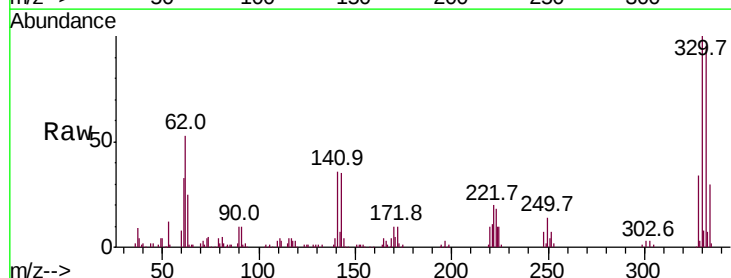
Tgt Ion:330 Resp: 104263

Ion Ratio Lower Upper

330 100

332 95.1 76.9 115.3

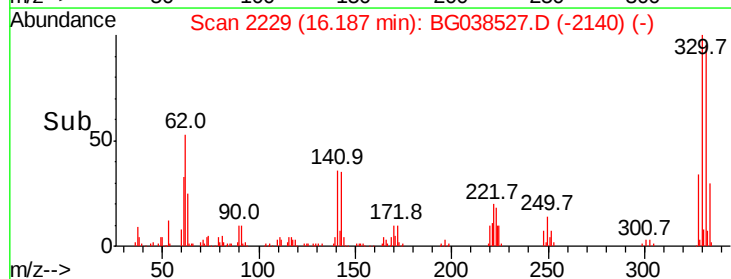
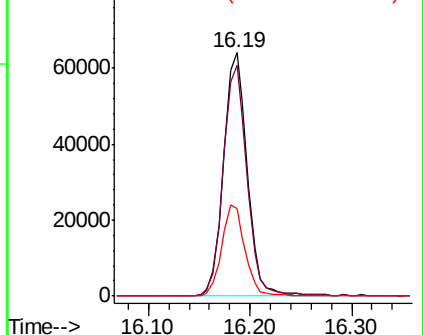
141 36.8 28.8 43.2

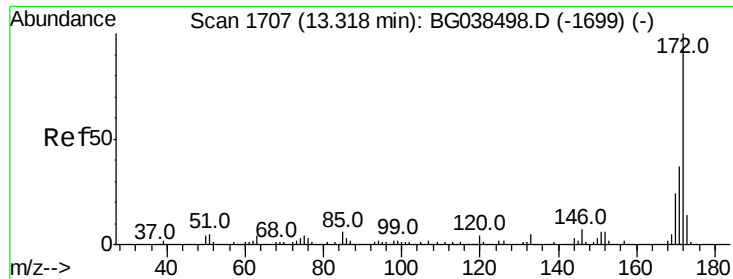


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

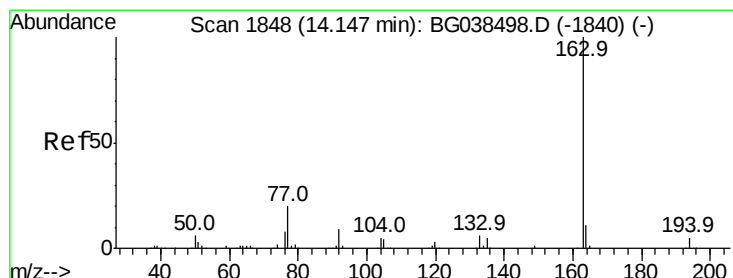
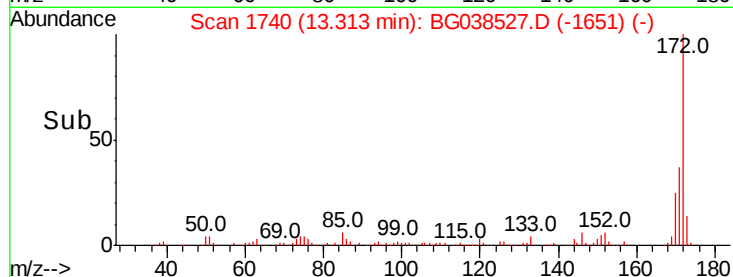
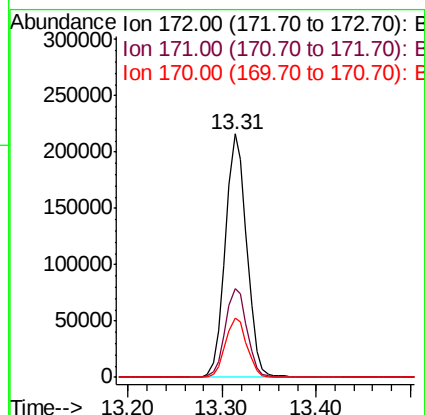
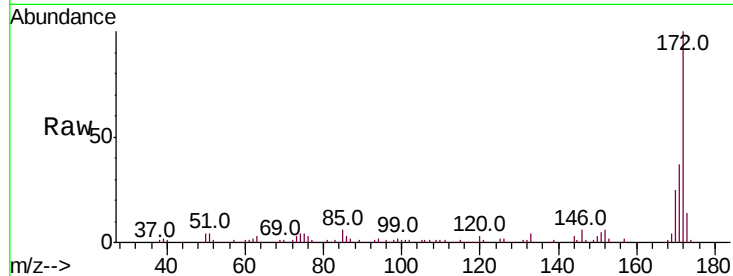




#45  
2-Fluorobiphenyl  
Concen: 100.163 ng  
RT: 13.31 min Scan# 1740  
Delta R.T. -0.00 min  
Lab File: BG038527.D  
Acq: 13 Dec 2018 11:29

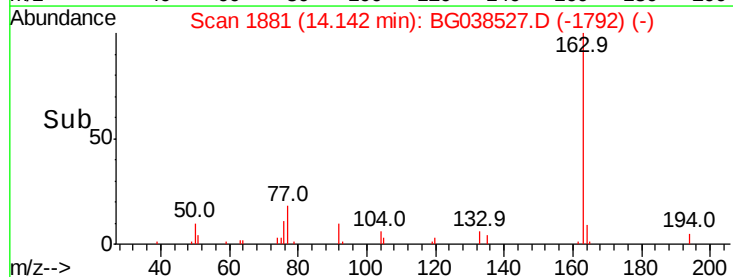
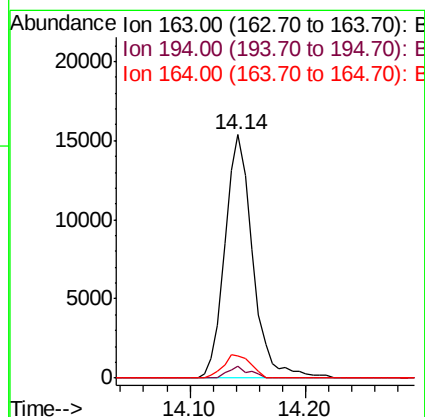
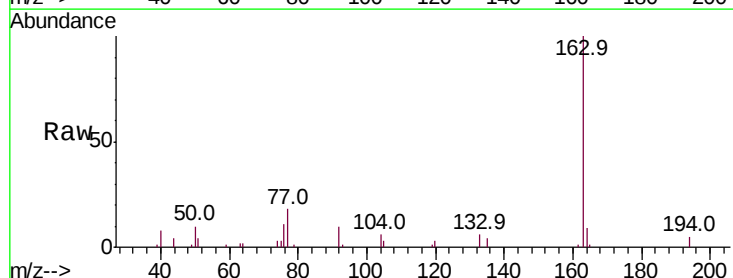
Instrument :  
BNA\_G  
ClientSampleId :  
BF-01-120418

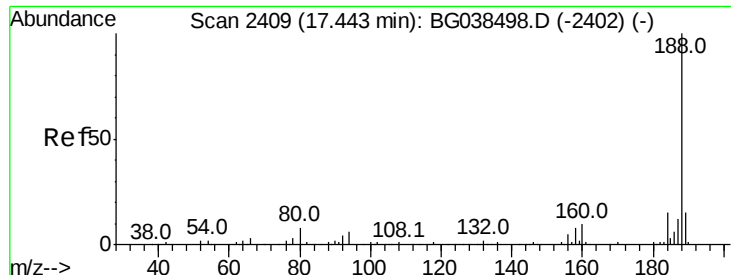
Tot Ion:172 Resp: 342782  
Ion Ratio Lower Upper  
172 100  
171 36.6 29.8 44.6  
170 24.6 19.5 29.3



#50  
Dimethylphthalate  
Concen: 6.694 ng  
RT: 14.14 min Scan# 1881  
Delta R.T. -0.00 min  
Lab File: BG038527.D  
Acq: 13 Dec 2018 11:29

Tgt Ion:163 Resp: 25664  
Ion Ratio Lower Upper  
163 100  
194 5.0 3.7 5.5  
164 9.3 8.6 12.8

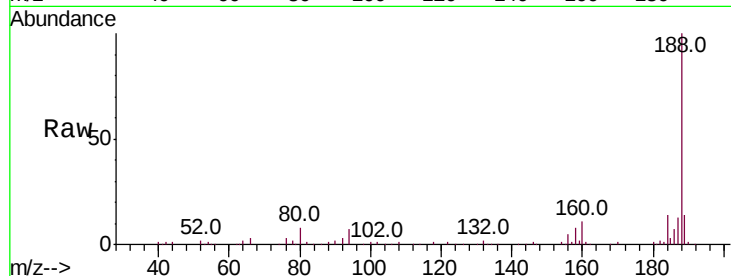




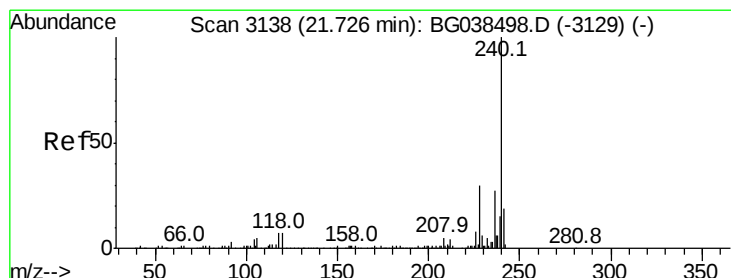
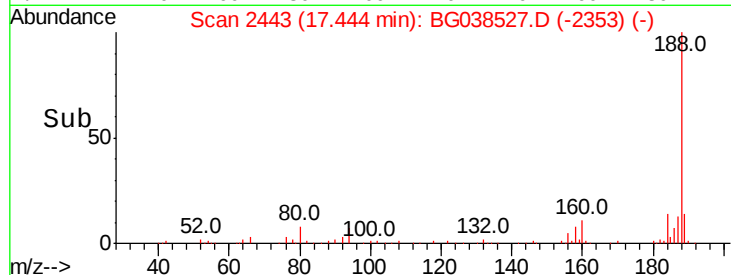
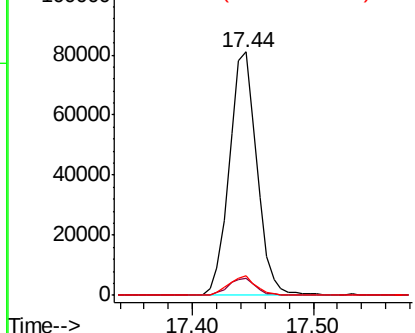
#64  
 Phenanthrene-d10  
 Concen: 20.000 ng  
 RT: 17.44 min Scan# 2443  
 Delta R.T. 0.00 min  
 Lab File: BG038527.D  
 Acq: 13 Dec 2018 11:29

Instrument :  
 BNA\_G  
 ClientSampleId :  
 BF-01-120418

Tot Ion:188 Resp: 128926  
 Ion Ratio Lower Upper  
 188 100  
 94 7.0 5.1 7.7  
 80 8.1 6.1 9.1

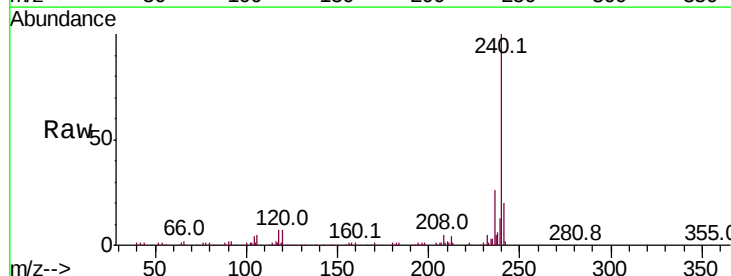


Abundance Ion 188.00 (187.70 to 188.70): E  
 Ion 94.00 (93.70 to 94.70): BG  
 Ion 80.00 (79.70 to 80.70): BG

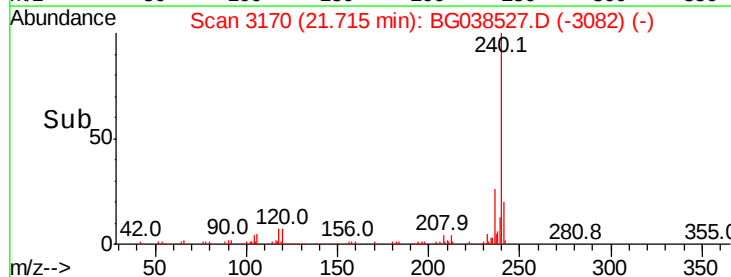
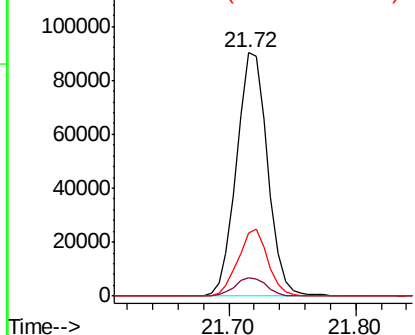


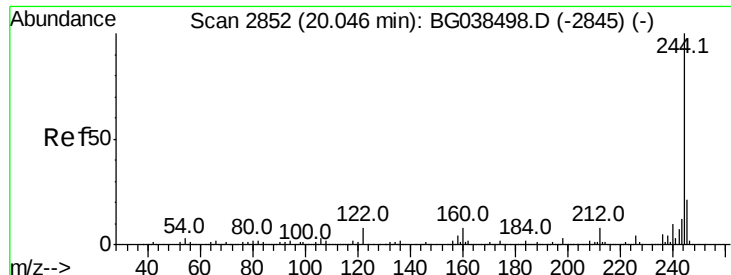
#76  
 Chrysene-d12  
 Concen: 20.000 ng  
 RT: 21.72 min Scan# 3170  
 Delta R.T. -0.01 min  
 Lab File: BG038527.D  
 Acq: 13 Dec 2018 11:29

Tgt Ion:240 Resp: 153242  
 Ion Ratio Lower Upper  
 240 100  
 120 7.4 5.3 7.9  
 236 25.7 21.4 32.2



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: 107.325 ng

RT: 20.05 min Scan# 2886

Delta R.T. 0.00 min

Lab File: BG038527.D

Acq: 13 Dec 2018 11:29

Instrument :

BNA\_G

ClientSampleId :

BF-01-120418

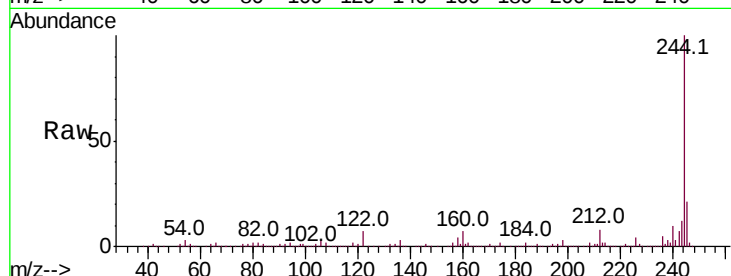
Tot Ion:244 Resp: 755706

Ion Ratio Lower Upper

244 100

212 7.5 6.2 9.2

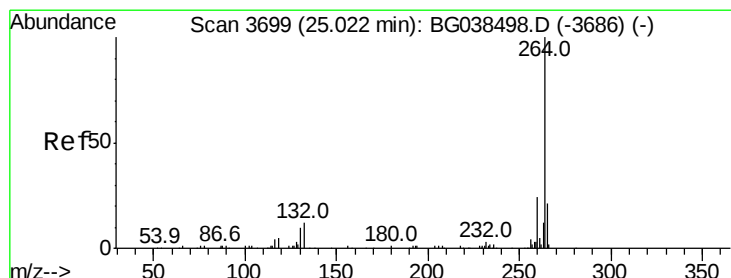
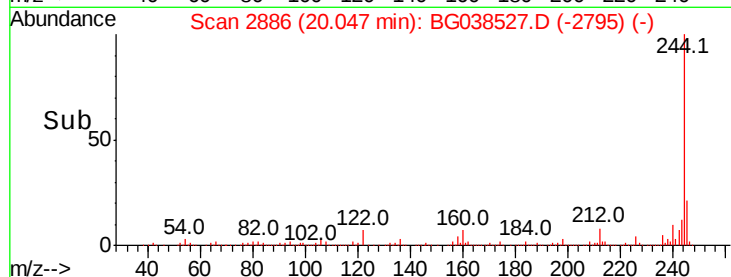
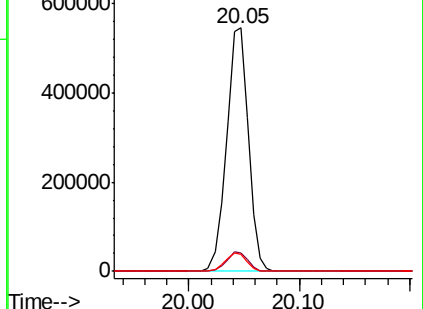
122 6.9 6.3 9.5



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: 25.01 min Scan# 3731

Delta R.T. -0.01 min

Lab File: BG038527.D

Acq: 13 Dec 2018 11:29

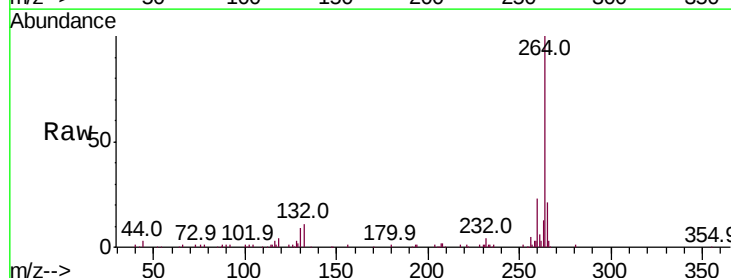
Tgt Ion:264 Resp: 164119

Ion Ratio Lower Upper

264 100

260 22.7 18.9 28.3

265 21.4 17.0 25.4



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

