

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG091619\  
 Data File : BG042862.D  
 Acq On : 16 Sep 2019 23:40  
 Operator : HP/JU  
 Sample : K4884-01  
 Misc :  
 ALS Vial : 14 Sample Multiplier: 1

Instrument :  
 BNA\_G  
 ClientSampleId :  
 6INCH-PIT

Quant Time: Sep 17 04:33:08 2019  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG091219.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Thu Sep 12 14:06:09 2019  
 Response via : Initial Calibration

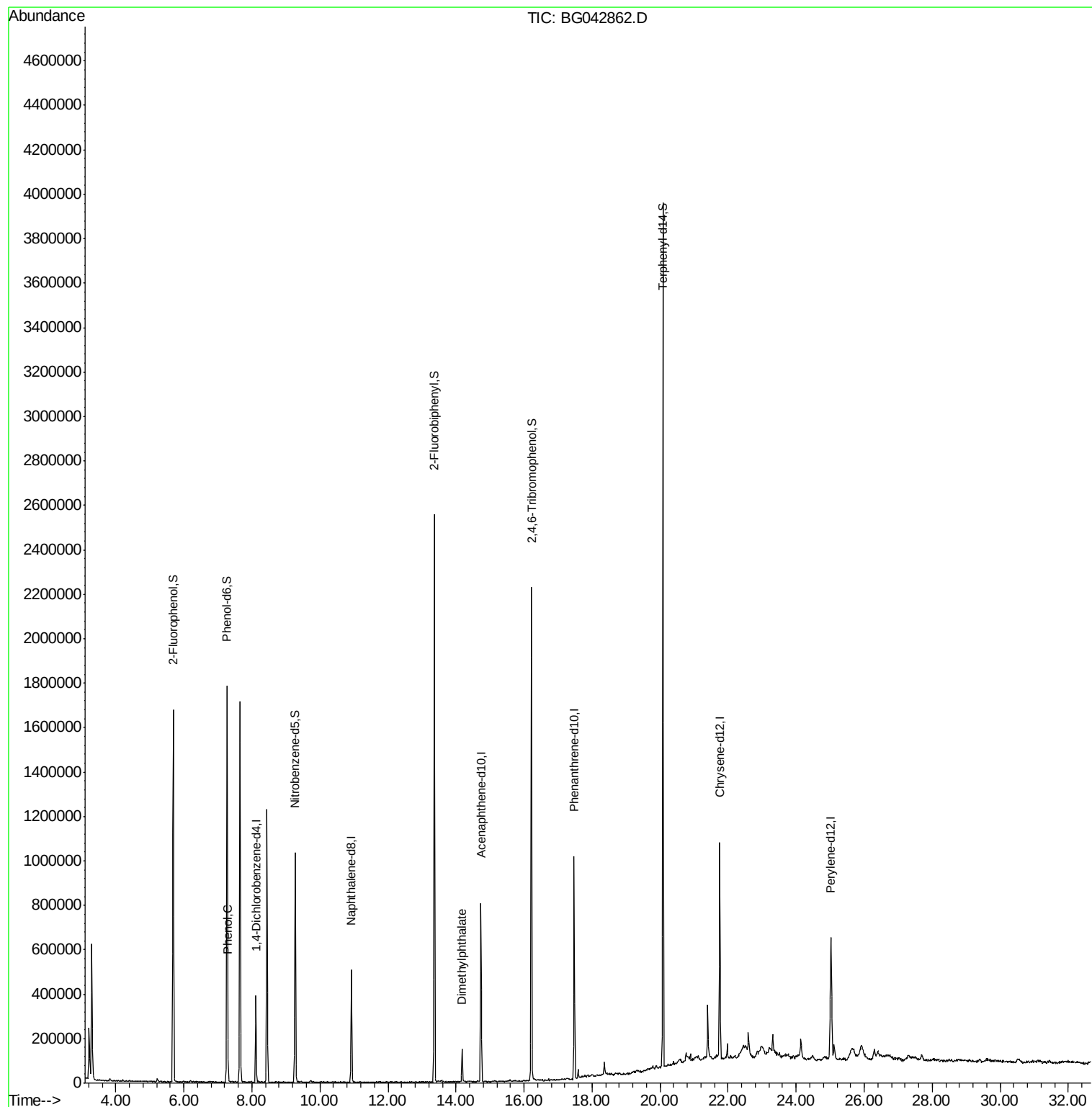
| Internal Standards          | R.T.  | QIon | Response | Conc   | Units | Dev(Min) |
|-----------------------------|-------|------|----------|--------|-------|----------|
| 1) 1,4-Dichlorobenzene-d4   | 8.12  | 152  | 109447   | 20.00  | ng    | 0.00     |
| 21) Naphthalene-d8          | 10.92 | 136  | 436461   | 20.00  | ng    | -0.01    |
| 39) Acenaphthene-d10        | 14.74 | 164  | 293101   | 20.00  | ng    | 0.00     |
| 64) Phenanthrene-d10        | 17.47 | 188  | 626263   | 20.00  | ng    | -0.01    |
| 76) Chrysene-d12            | 21.75 | 240  | 593767   | 20.00  | ng    | -0.01    |
| 87) Perylene-d12            | 25.02 | 264  | 656273   | 20.00  | ng    | -0.02    |
| System Monitoring Compounds |       |      |          |        |       |          |
| 5) 2-Fluorophenol           | 5.69  | 112  | 689127   | 109.47 | ng    | 0.00     |
| 7) Phenol-d6                | 7.27  | 99   | 1035193  | 114.56 | ng    | 0.00     |
| 23) Nitrobenzene-d5         | 9.27  | 82   | 664065   | 79.21  | ng    | -0.01    |
| 42) 2,4,6-Tribromophenol    | 16.22 | 330  | 435982   | 111.81 | ng    | 0.00     |
| 45) 2-Fluorobiphenyl        | 13.36 | 172  | 1327157  | 71.68  | ng    | -0.01    |
| 79) Terphenyl-d14           | 20.08 | 244  | 1827671  | 68.22  | ng    | -0.01    |
| Target Compounds            |       |      |          |        |       |          |
| 10) Phenol                  | 7.30  | 94   | 52552    | 5.671  | ng    | 98       |
| 50) Dimethylphthalate       | 14.18 | 163  | 101955   | 4.643  | ng    | # 98     |

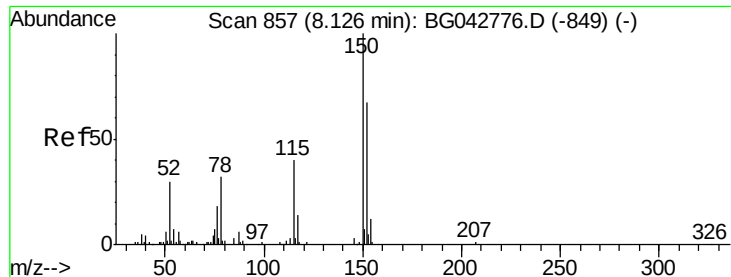
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG091619\  
Data File : BG042862.D  
Acq On : 16 Sep 2019 23:40  
Operator : HP/JU  
Sample : K4884-01  
Misc :  
ALS Vial : 14 Sample Multiplier: 1

Instrument :  
BNA\_G  
ClientSampleId :  
6INCH-PIT

Quant Time: Sep 17 04:33:08 2019  
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG091219.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
QLast Update : Thu Sep 12 14:06:09 2019  
Response via : Initial Calibration



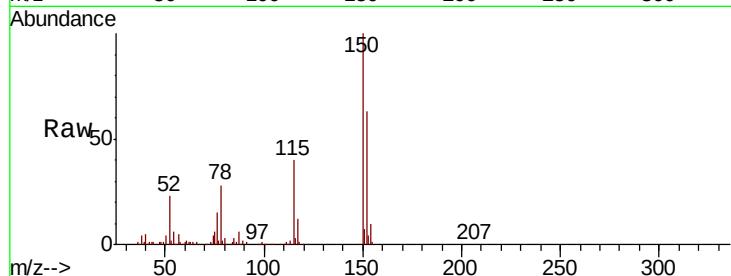


#1

1,4-Dichlorobenzene-d4  
Concen: 20.000 ng  
RT: 8.12 min Scan# 856  
Delta R.T. -0.01 min  
Lab File: BG042862.D  
Acq: 16 Sep 2019 23:40

Instrument :  
BNA\_G  
ClientSampleId :  
6INCH-PIT

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 152     | 100   |       |       |
| 150     | 158.8 | 118.9 | 178.3 |
| 115     | 63.9  | 47.4  | 71.2  |

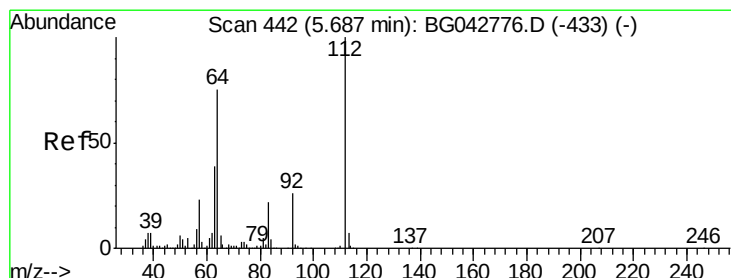
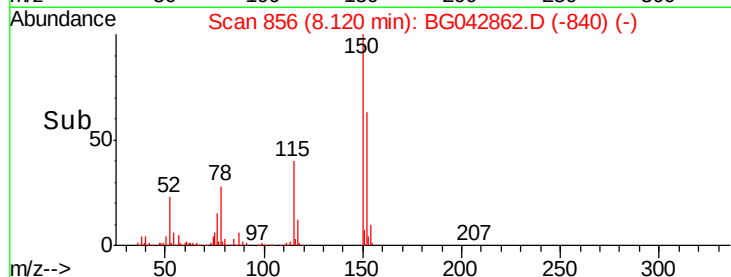
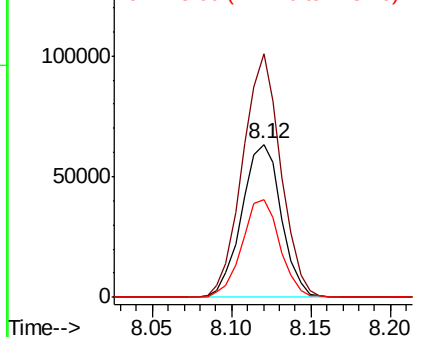


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

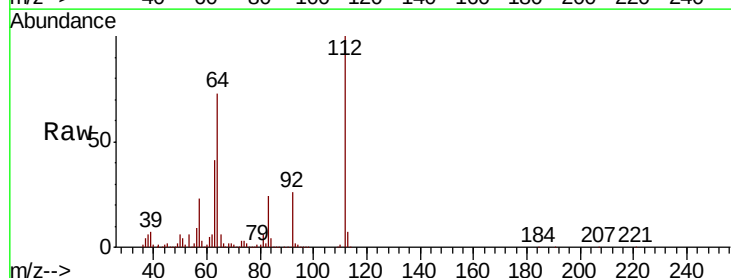
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol  
Concen: 109.467 ng  
RT: 5.69 min Scan# 442  
Delta R.T. 0.00 min  
Lab File: BG042862.D  
Acq: 16 Sep 2019 23:40

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 112     | 100   |       |       |
| 64      | 72.7  | 60.2  | 90.2  |
| 63      | 40.5  | 31.2  | 46.8  |

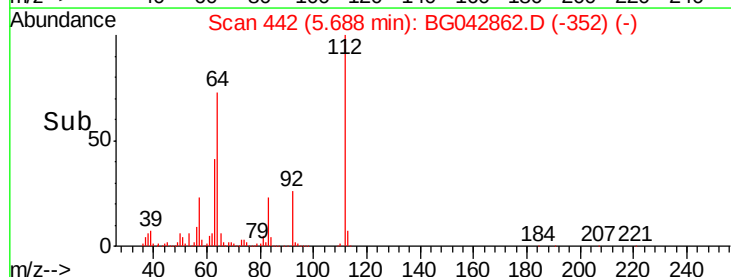
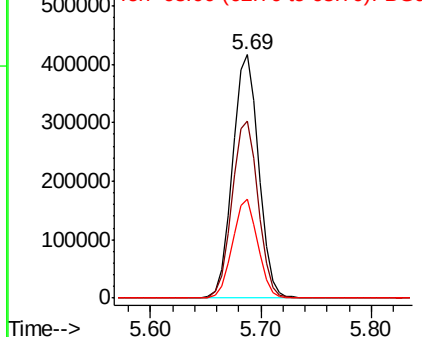


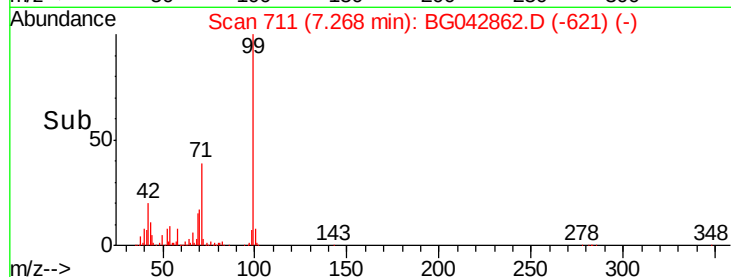
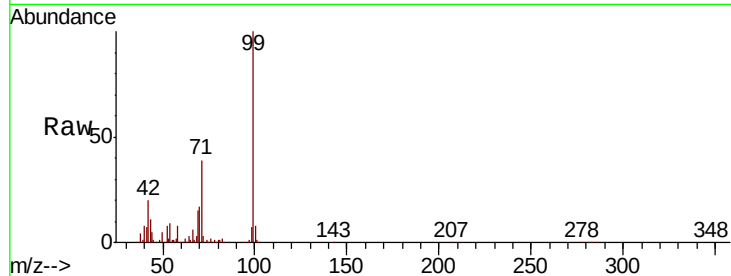
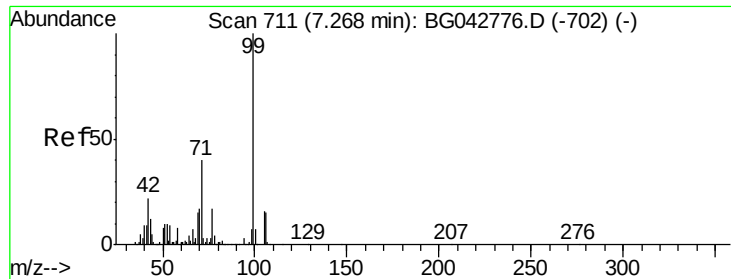
Abundance

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: 114.564 ng

RT: 7.27 min Scan# 711

Delta R.T. 0.00 min

Lab File: BG042862.D

Acq: 16 Sep 2019 23:40

Instrument :

BNA\_G

ClientSampleId :

6INCH-PIT

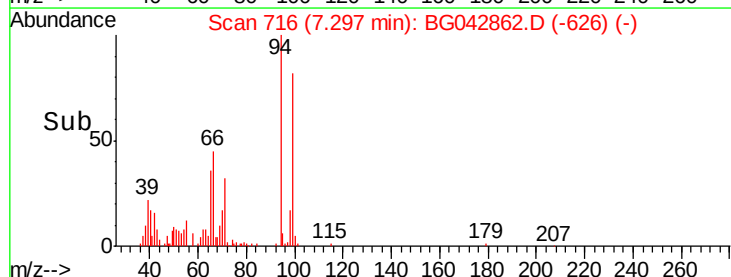
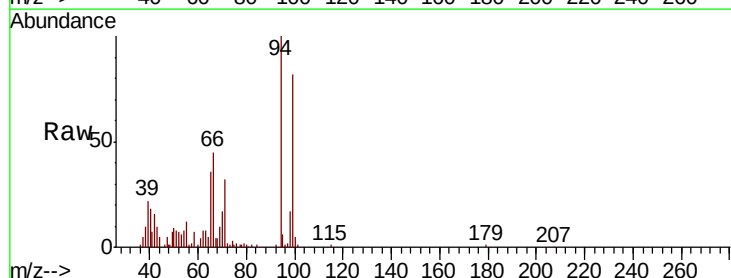
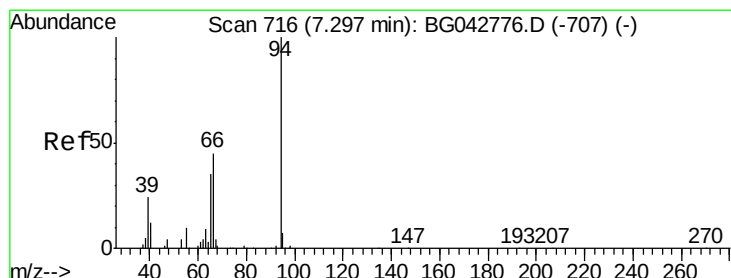
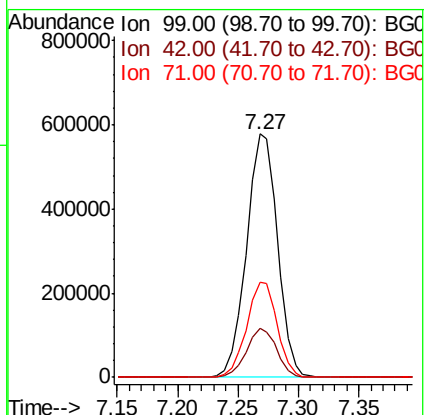
Tot Ion: 99 Resp: 1035193

Ion Ratio Lower Upper

99 100

42 20.0 17.5 26.3

71 39.2 32.0 48.0



#10

Phenol

Concen: 5.671 ng

RT: 7.30 min Scan# 716

Delta R.T. 0.00 min

Lab File: BG042862.D

Acq: 16 Sep 2019 23:40

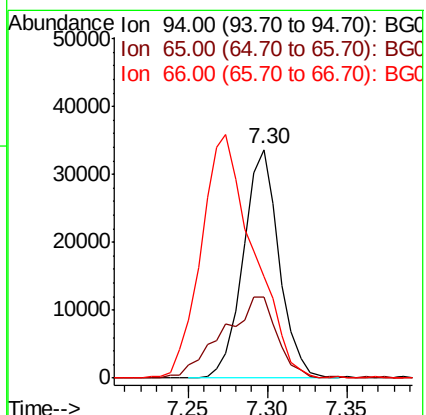
Tgt Ion: 94 Resp: 52552

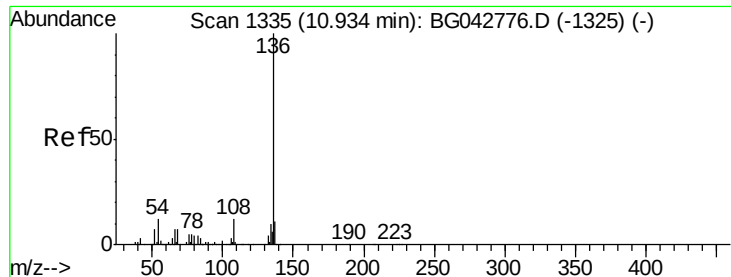
Ion Ratio Lower Upper

94 100

65 35.6 15.0 55.0

66 44.6 26.1 66.1

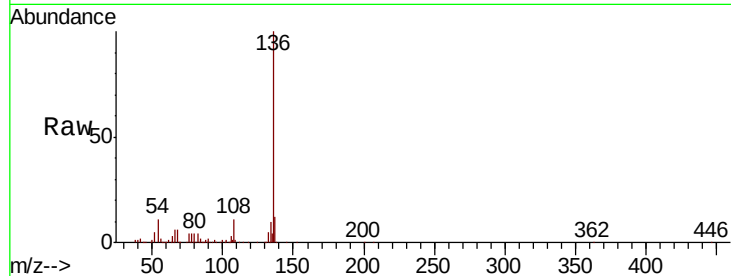




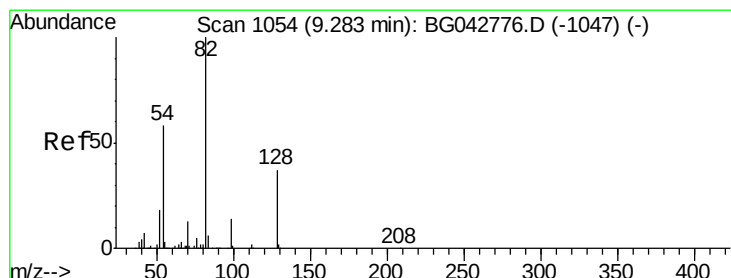
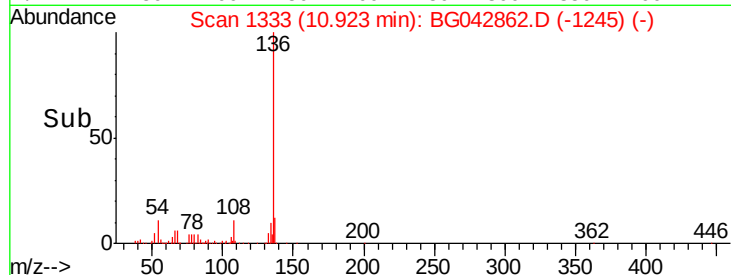
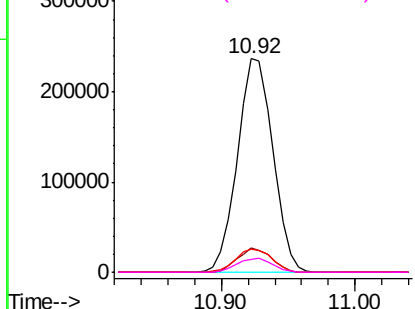
#21  
Naphthalene-d8  
Concen: 20.000 ng  
RT: 10.92 min Scan# 1333  
Delta R.T. -0.01 min  
Lab File: BG042862.D  
Acq: 16 Sep 2019 23:40

Instrument :  
BNA\_G  
ClientSampleId :  
6INCH-PIT

|             |       |        |  |
|-------------|-------|--------|--|
| Tot Ion:136 | Resp: | 436461 |  |
| Ion Ratio   | Lower | Upper  |  |
| 136 100     |       |        |  |
| 137 11.7    | 9.0   | 13.6   |  |
| 54 10.9     | 9.4   | 14.0   |  |
| 68 5.9      | 5.4   | 8.2    |  |

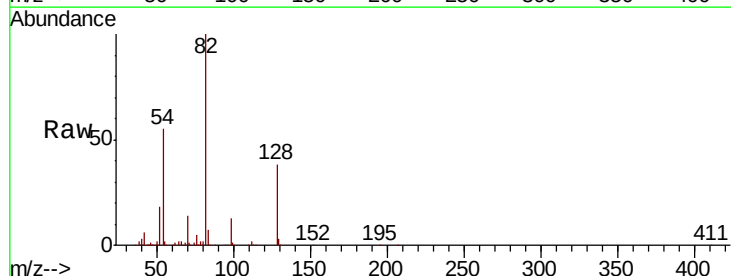


Abundance Ion 136.00 (135.70 to 136.70): E  
Ion 137.00 (136.70 to 137.70): E  
Ion 54.00 (53.70 to 54.70): BGC  
Ion 68.00 (67.70 to 68.70): BGC

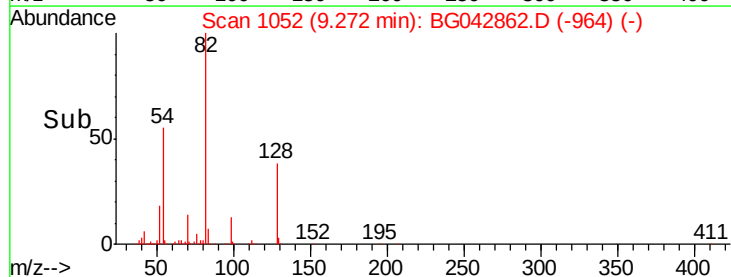
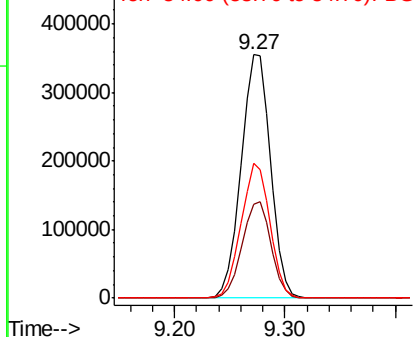


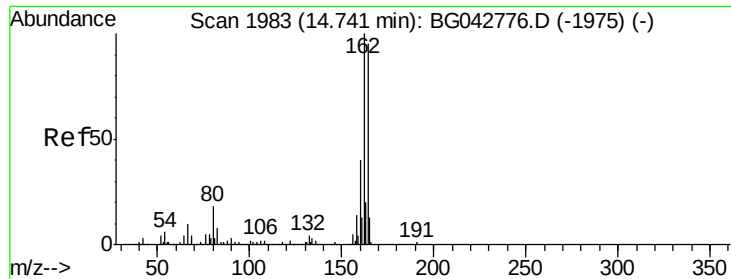
#23  
Nitrobenzene-d5  
Concen: 79.212 ng  
RT: 9.27 min Scan# 1052  
Delta R.T. -0.01 min  
Lab File: BG042862.D  
Acq: 16 Sep 2019 23:40

|     |         |       |        |
|-----|---------|-------|--------|
| Tgt | Ion: 82 | Resp: | 664065 |
| Ion | Ratio   | Lower | Upper  |
| 82  | 100     |       |        |
| 128 | 38.3    | 29.8  | 44.8   |
| 54  | 55.4    | 46.1  | 69.1   |



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: 14.74 min Scan# 1982

Delta R.T. -0.01 min

Lab File: BG042862.D

Acq: 16 Sep 2019 23:40

Instrument :

BNA\_G

ClientSampleId :

6INCH-PIT

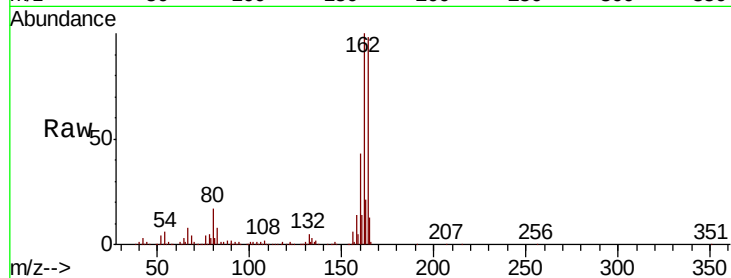
Tot Ion:164 Resp: 293101

Ion Ratio Lower Upper

164 100

162 101.9 84.6 126.8

160 43.9 34.2 51.2

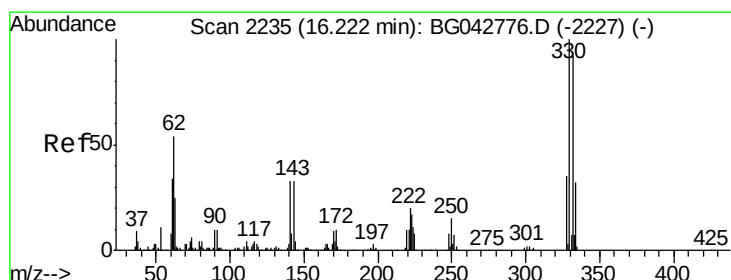
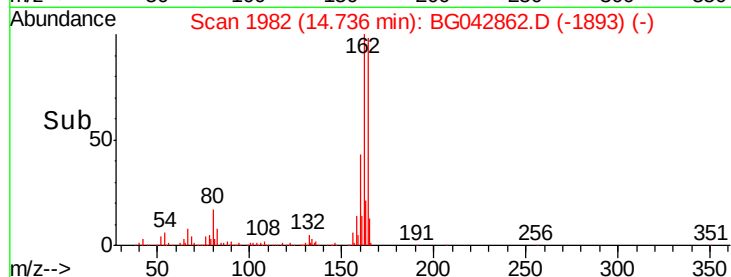
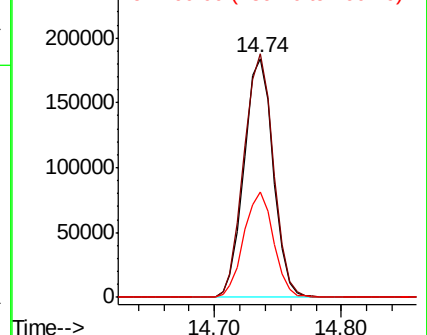


Abundance

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: 111.805 ng

RT: 16.22 min Scan# 2234

Delta R.T. -0.01 min

Lab File: BG042862.D

Acq: 16 Sep 2019 23:40

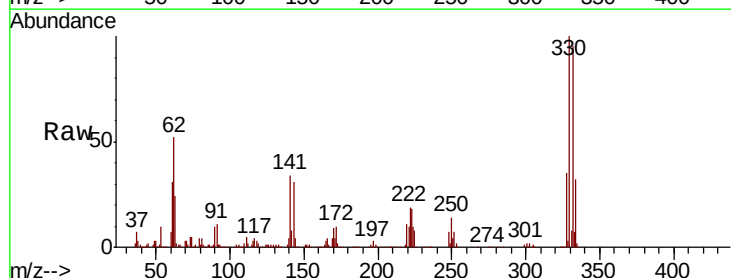
Tgt Ion:330 Resp: 435982

Ion Ratio Lower Upper

330 100

332 96.0 76.7 115.1

141 33.5 27.0 40.6

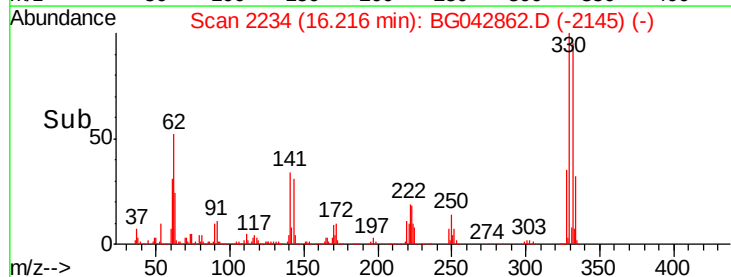
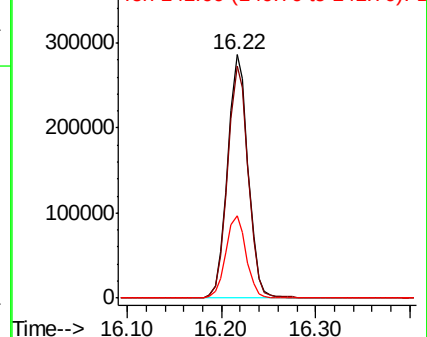


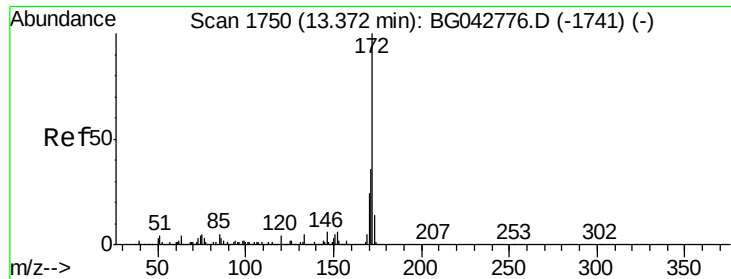
Abundance

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

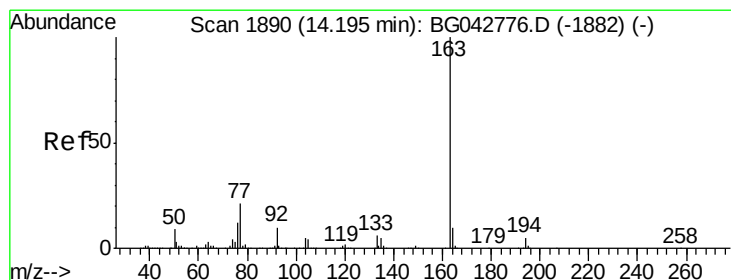
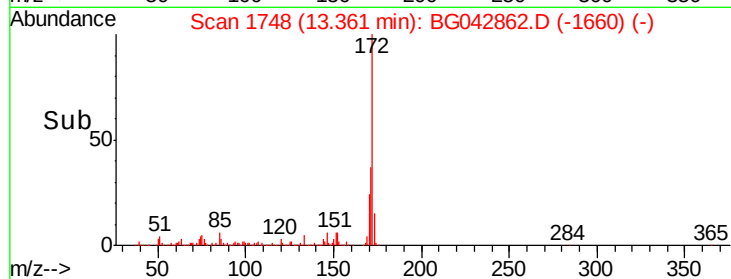
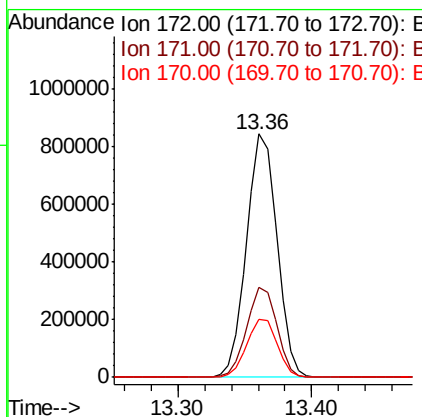
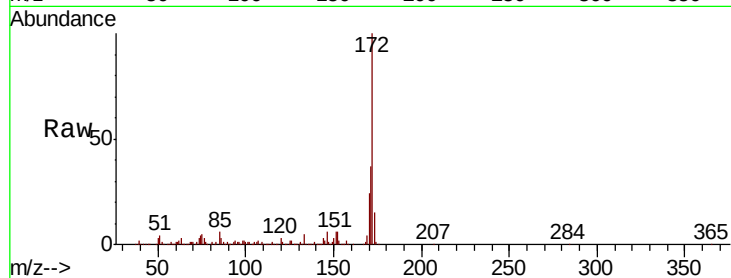




#45  
2-Fluorobiphenyl  
Concen: 71.675 ng  
RT: 13.36 min Scan# 1748  
Delta R.T. -0.01 min  
Lab File: BG042862.D  
Acq: 16 Sep 2019 23:40

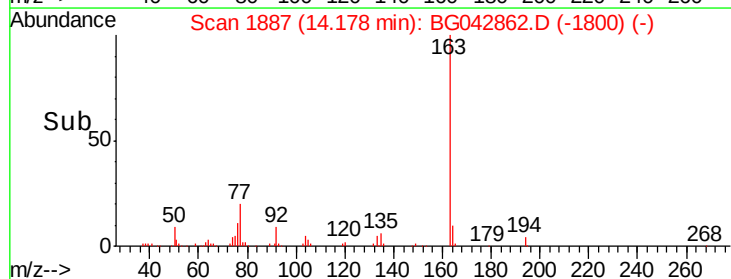
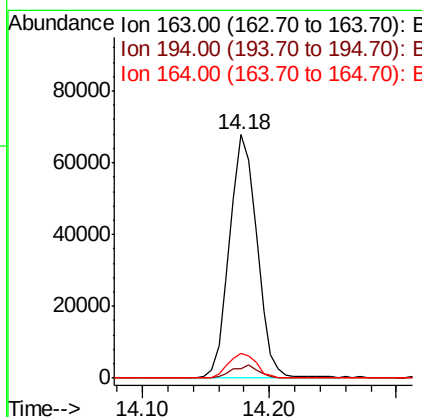
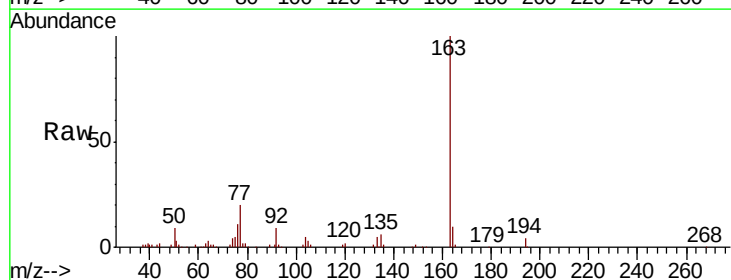
Instrument :  
BNA\_G  
ClientSampleId :  
6INCH-PIT

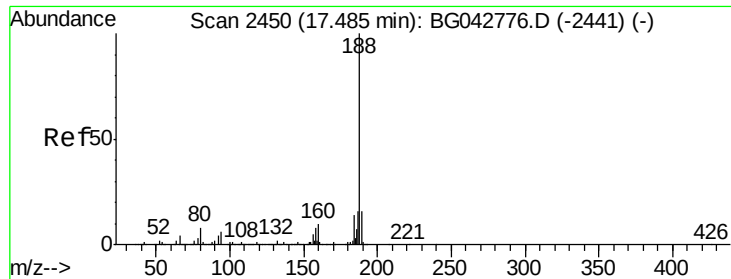
Tot Ion:172 Resp: 1327157  
Ion Ratio Lower Upper  
172 100  
171 37.2 28.9 43.3  
170 24.1 19.1 28.7



#50  
Dimethylphthalate  
Concen: 4.643 ng  
RT: 14.18 min Scan# 1887  
Delta R.T. -0.02 min  
Lab File: BG042862.D  
Acq: 16 Sep 2019 23:40

Tgt Ion:163 Resp: 101955  
Ion Ratio Lower Upper  
163 100  
194 3.7 4.2 6.4#  
164 10.0 8.4 12.6





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.47 min Scan# 2448

Delta R.T. -0.01 min

Lab File: BG042862.D

Acq: 16 Sep 2019 23:40

Instrument :

BNA\_G

ClientSampleId :

6INCH-PIT

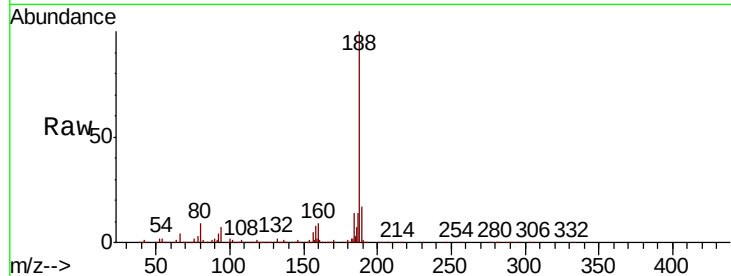
Tot Ion:188 Resp: 626263

Ion Ratio Lower Upper

188 100

94 7.4 4.8 7.2#

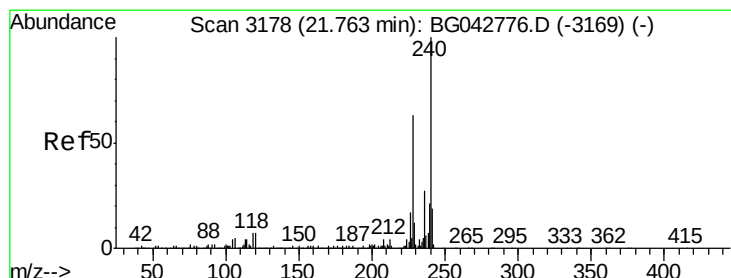
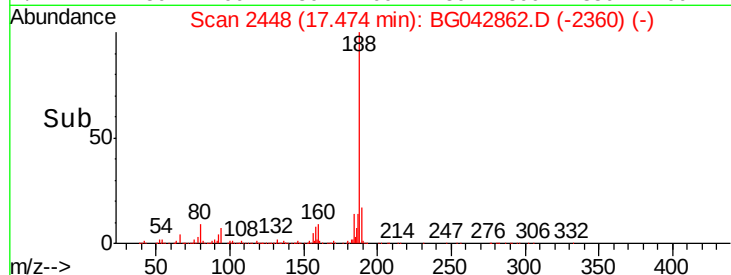
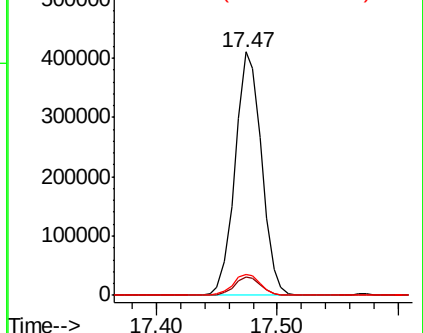
80 8.8 6.6 9.8



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: 21.75 min Scan# 3176

Delta R.T. -0.01 min

Lab File: BG042862.D

Acq: 16 Sep 2019 23:40

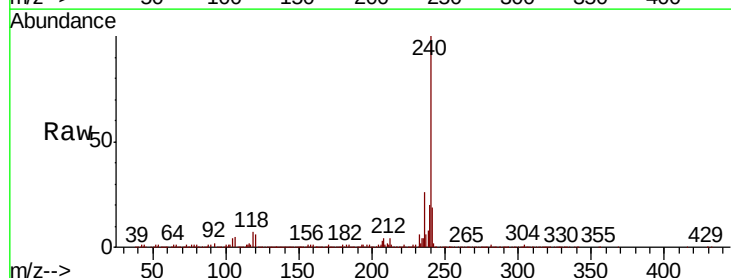
Tgt Ion:240 Resp: 593767

Ion Ratio Lower Upper

240 100

120 6.2 5.4 8.2

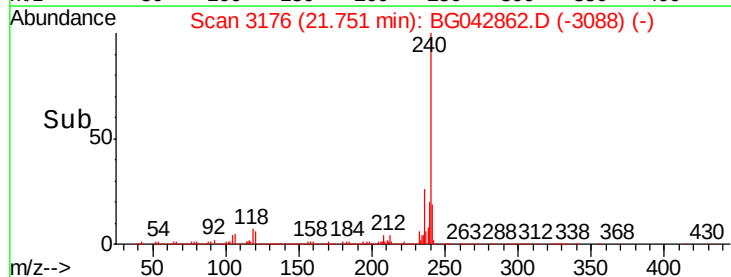
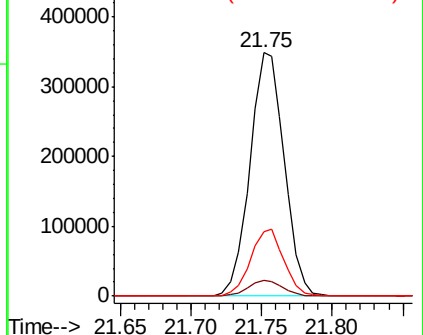
236 26.3 21.7 32.5



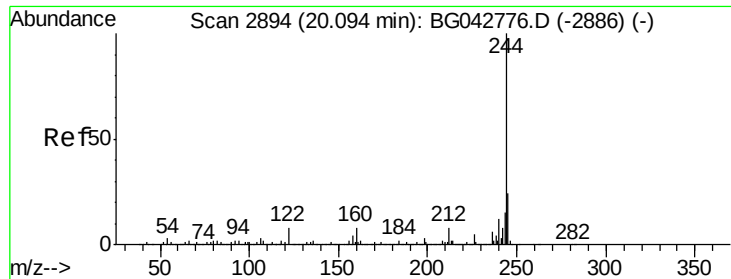
Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E







#79

Terphenyl-d14

Concen: 68.219 ng

RT: 20.08 min Scan# 2892

Delta R.T. -0.01 min

Lab File: BG042862.D

Acq: 16 Sep 2019 23:40

Instrument :

BNA\_G

ClientSampleId :

6INCH-PIT

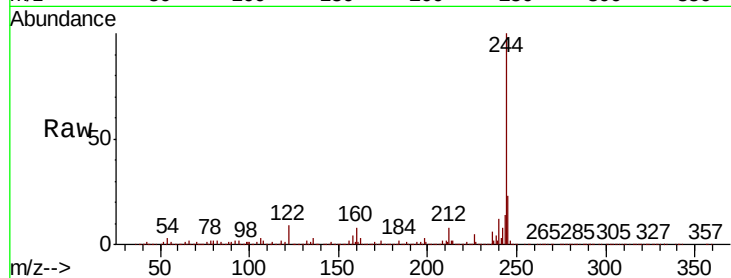
Tot Ion:244 Resp: 1827671

Ion Ratio Lower Upper

244 100

212 8.4 6.6 10.0

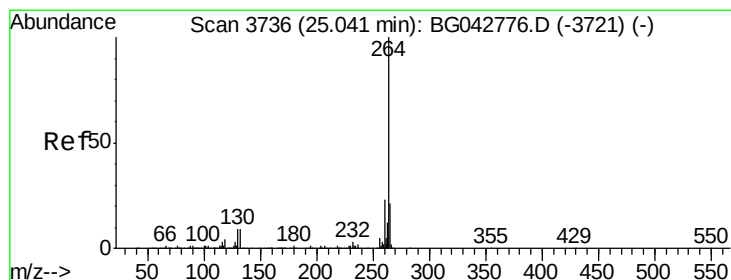
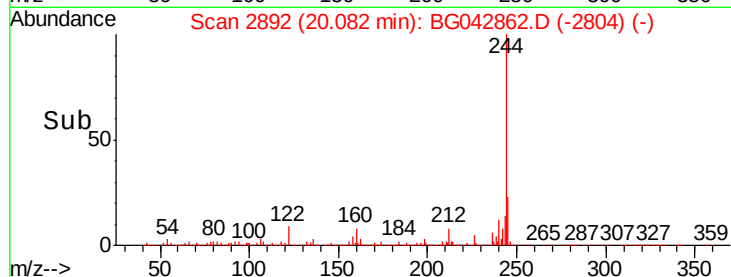
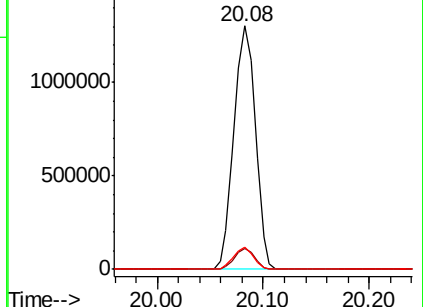
122 9.1 6.2 9.4



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: 25.02 min Scan# 3733

Delta R.T. -0.02 min

Lab File: BG042862.D

Acq: 16 Sep 2019 23:40

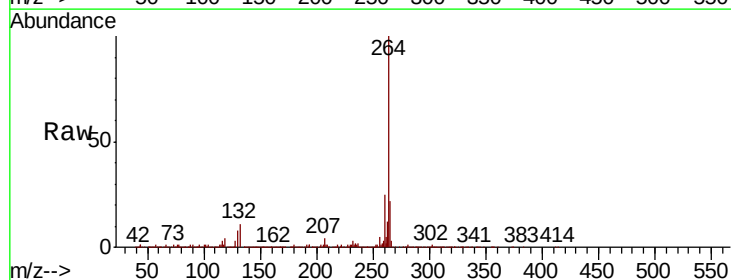
Tgt Ion:264 Resp: 656273

Ion Ratio Lower Upper

264 100

260 24.8 18.2 27.2

265 22.3 16.9 25.3



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

