

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG110419\  
 Data File : BG043491.D  
 Acq On : 4 Nov 2019 21:41  
 Operator : JU  
 Sample : K5658-07  
 Misc :  
 ALS Vial : 13 Sample Multiplier: 1

Instrument :  
 BNA\_G  
 ClientSampleId :  
 TP-30-D

Quant Time: Nov 05 02:27:10 2019  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG102119.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Mon Nov 04 15:22:15 2019  
 Response via : Initial Calibration

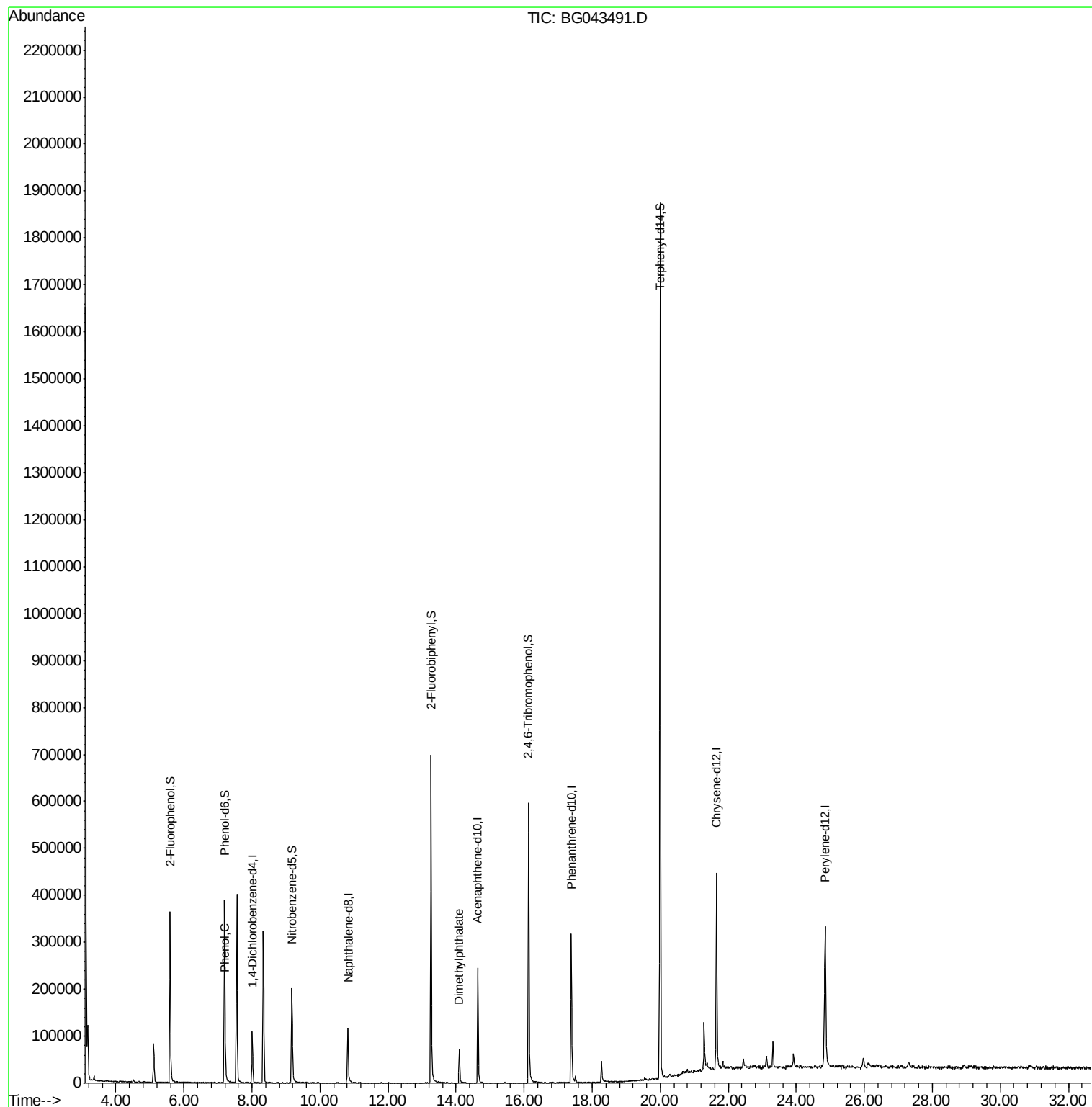
| Internal Standards          | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|-----------------------------|-------|------|----------|-------|-------|----------|
| 1) 1,4-Dichlorobenzene-d4   | 8.01  | 152  | 33993    | 20.00 | ng    | 0.00     |
| 21) Naphthalene-d8          | 10.82 | 136  | 128795   | 20.00 | ng    | 0.00     |
| 39) Acenaphthene-d10        | 14.64 | 164  | 94241    | 20.00 | ng    | 0.00     |
| 64) Phenanthrene-d10        | 17.39 | 188  | 235317   | 20.00 | ng    | 0.00     |
| 76) Chrysene-d12            | 21.65 | 240  | 283383   | 20.00 | ng    | 0.00     |
| 87) Perylene-d12            | 24.85 | 264  | 345074   | 20.00 | ng    | 0.00     |
| System Monitoring Compounds |       |      |          |       |       |          |
| 5) 2-Fluorophenol           | 5.60  | 112  | 174619   | 94.13 | ng    | 0.00     |
| 7) Phenol-d6                | 7.19  | 99   | 251806   | 94.34 | ng    | 0.00     |
| 23) Nitrobenzene-d5         | 9.17  | 82   | 148932   | 59.62 | ng    | 0.00     |
| 42) 2,4,6-Tribromophenol    | 16.13 | 330  | 160464   | 89.47 | ng    | 0.00     |
| 45) 2-Fluorobiphenyl        | 13.26 | 172  | 430480   | 63.12 | ng    | 0.00     |
| 79) Terphenyl-d14           | 20.00 | 244  | 987612   | 65.38 | ng    | 0.00     |
| Target Compounds            |       |      |          |       |       |          |
| 10) Phenol                  | 7.22  | 94   | 10698    | 4.386 | ng    | 94       |
| 50) Dimethylphthalate       | 14.09 | 163  | 60847    | 8.336 | ng    | # 98     |

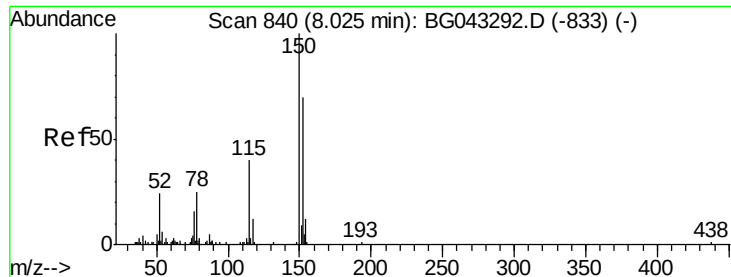
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG110419\  
Data File : BG043491.D  
Acq On : 4 Nov 2019 21:41  
Operator : JU  
Sample : K5658-07  
Misc :  
ALS Vial : 13 Sample Multiplier: 1

Instrument :  
BNA\_G  
ClientSampleId :  
TP-30-D

Quant Time: Nov 05 02:27:10 2019  
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG102119.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
QLast Update : Mon Nov 04 15:22:15 2019  
Response via : Initial Calibration



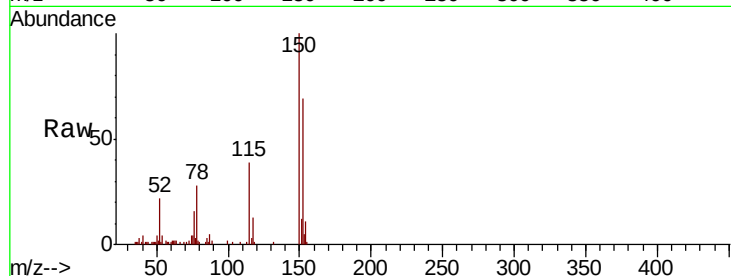


#1

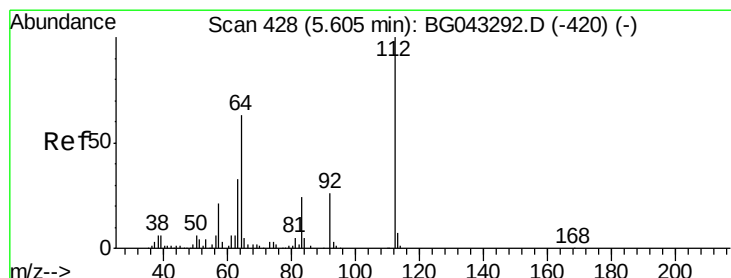
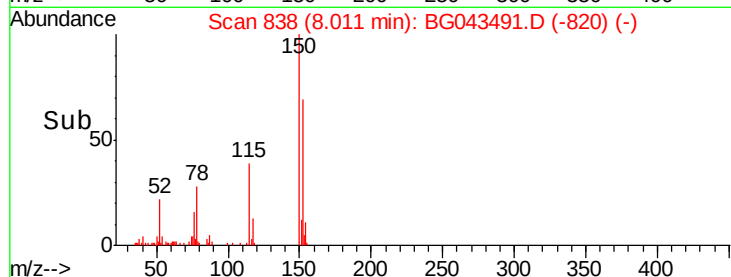
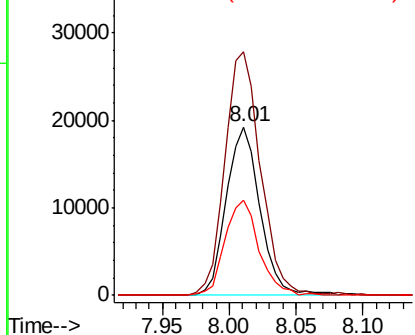
1,4-Dichlorobenzene-d4  
Concen: 20.000 ng  
RT: 8.01 min Scan# 838  
Delta R.T. 0.00 min  
Lab File: BG043491.D  
Acq: 4 Nov 2019 21:41

Instrument :  
BNA\_G  
ClientSampleId :  
TP-30-D

Tot Ion:152 Resp: 33993  
Ion Ratio Lower Upper  
152 100  
150 144.6 129.4 194.0  
115 56.7 48.8 73.2



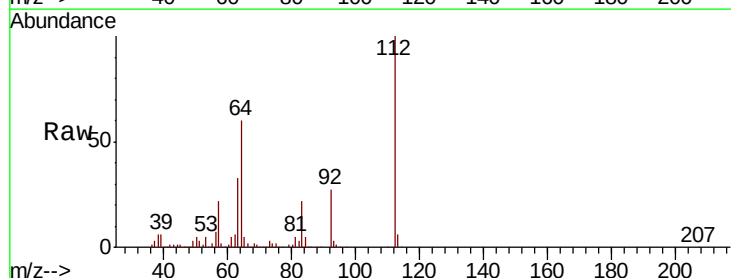
Abundance Ion 152.00 (151.70 to 152.70): E  
Ion 150.00 (149.70 to 150.70): E  
Ion 115.00 (114.70 to 115.70): E



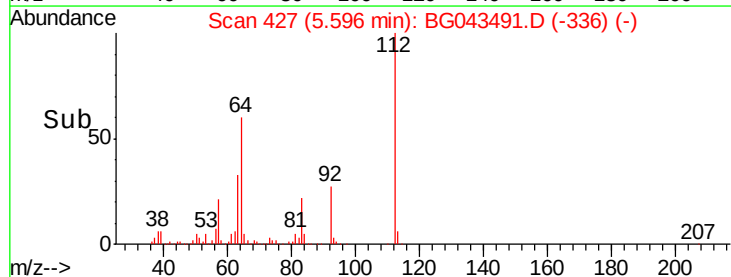
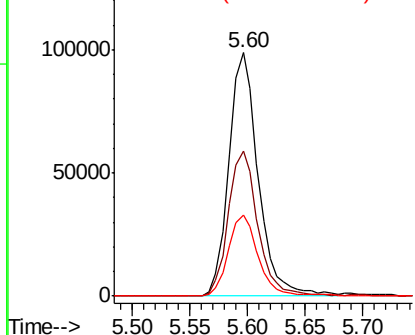
#5

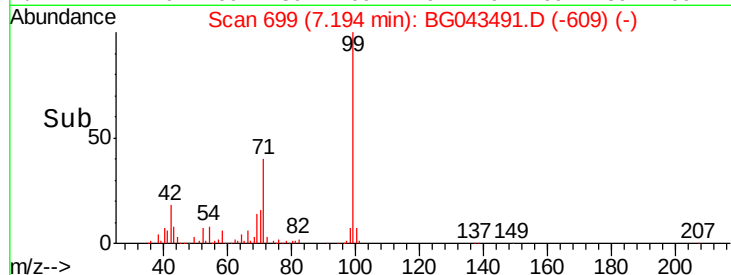
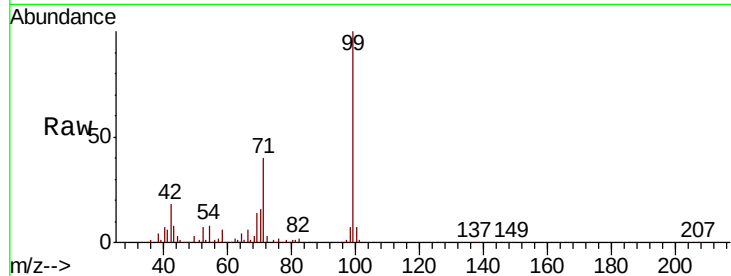
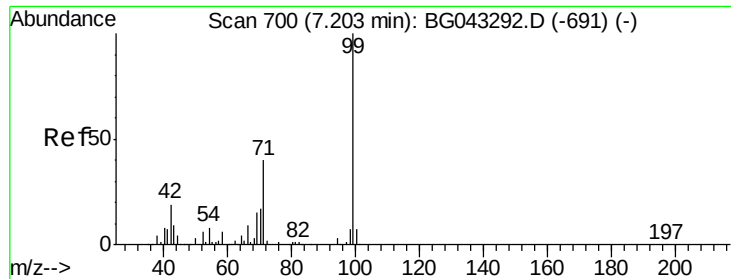
2-Fluorophenol  
Concen: 94.131 ng  
RT: 5.60 min Scan# 427  
Delta R.T. 0.00 min  
Lab File: BG043491.D  
Acq: 4 Nov 2019 21:41

Tgt Ion:112 Resp: 174619  
Ion Ratio Lower Upper  
112 100  
64 59.7 50.0 75.0  
63 33.1 26.6 40.0



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: 94.345 ng

RT: 7.19 min Scan# 699

Delta R.T. -0.00 min

Lab File: BG043491.D

Acq: 4 Nov 2019 21:41

Instrument :

BNA\_G

ClientSampleId :

TP-30-D

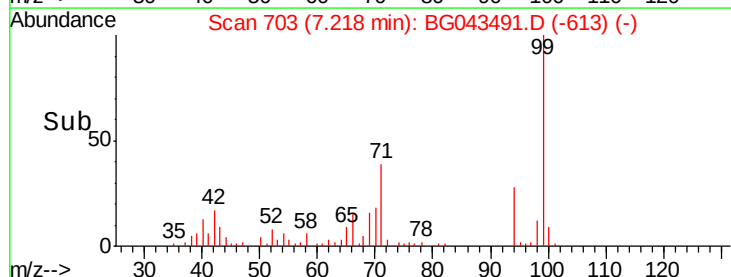
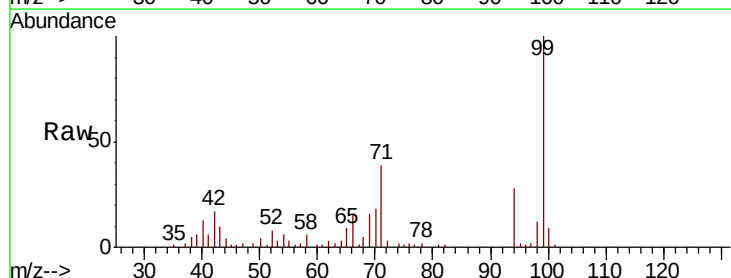
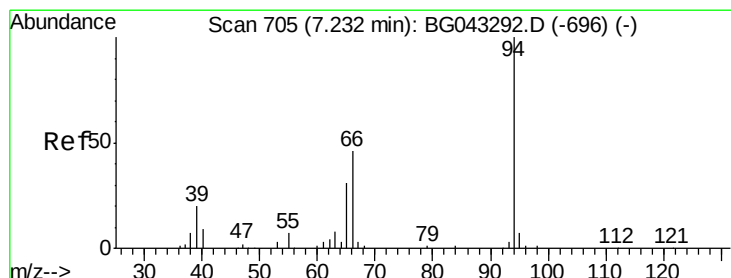
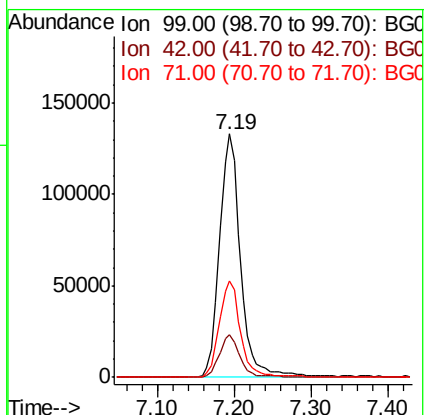
Tot Ion: 99 Resp: 251806

Ion Ratio Lower Upper

99 100

42 17.6 14.6 21.8

71 39.6 32.5 48.7



#10

Phenol

Concen: 4.386 ng

RT: 7.22 min Scan# 703

Delta R.T. -0.00 min

Lab File: BG043491.D

Acq: 4 Nov 2019 21:41

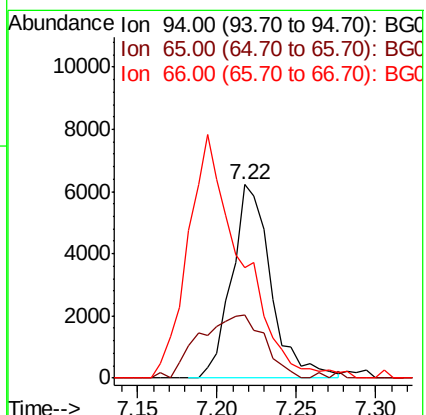
Tgt Ion: 94 Resp: 10698

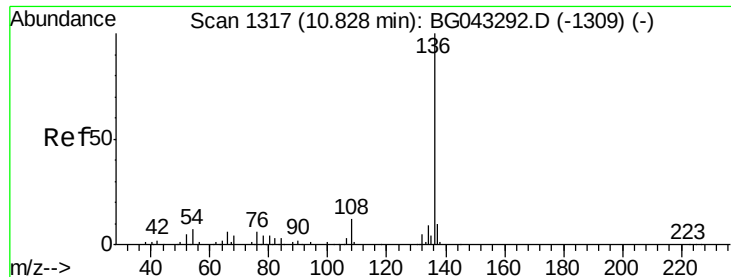
Ion Ratio Lower Upper

94 100

65 32.8 12.6 52.6

66 57.1 30.7 70.7

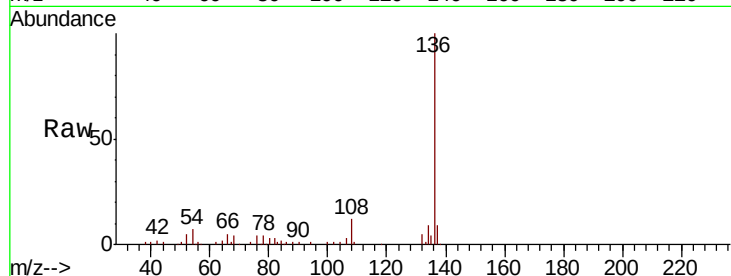




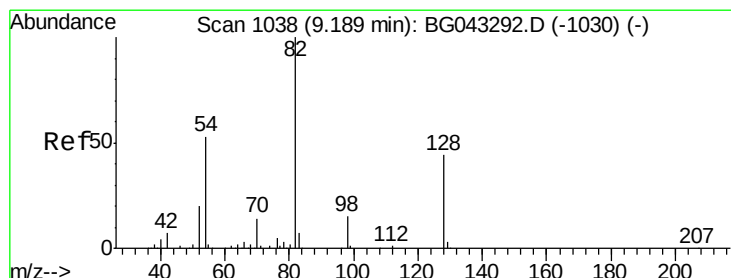
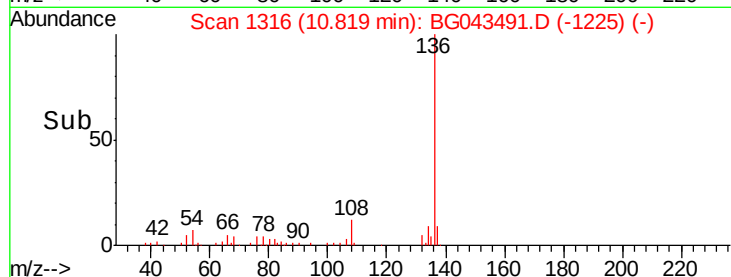
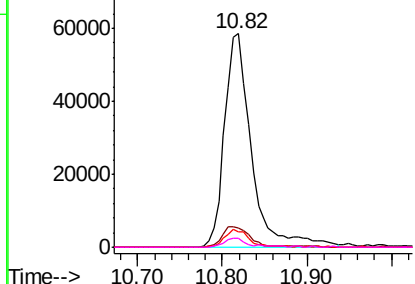
#21  
Naphthalene-d8  
Concen: 20.000 ng  
RT: 10.82 min Scan# 1316  
Delta R.T. 0.00 min  
Lab File: BG043491.D  
Acq: 4 Nov 2019 21:41

Instrument :  
BNA\_G  
ClientSampleId :  
TP-30-D

|             |       |        |
|-------------|-------|--------|
| Tot Ion:136 | Resp: | 128795 |
| Ion Ratio   | Lower | Upper  |
| 136 100     |       |        |
| 137 9.3     | 8.7   | 13.1   |
| 54 7.1      | 5.4   | 8.2    |
| 68 4.3      | 3.0   | 4.4    |

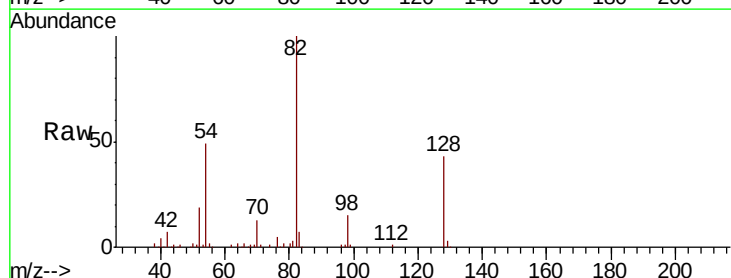


Abundance Ion 136.00 (135.70 to 136.70): E  
Ion 137.00 (136.70 to 137.70): E  
Ion 54.00 (53.70 to 54.70): BGC  
Ion 68.00 (67.70 to 68.70): BGC

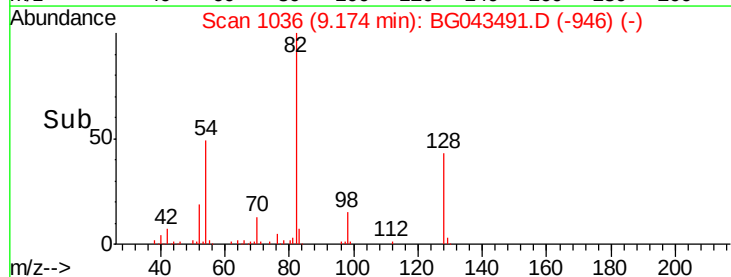
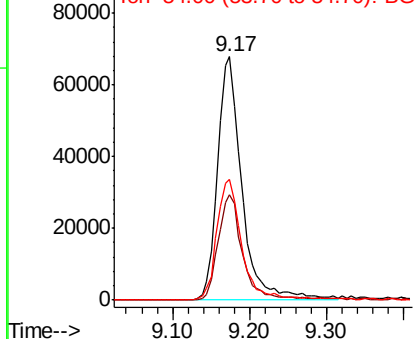


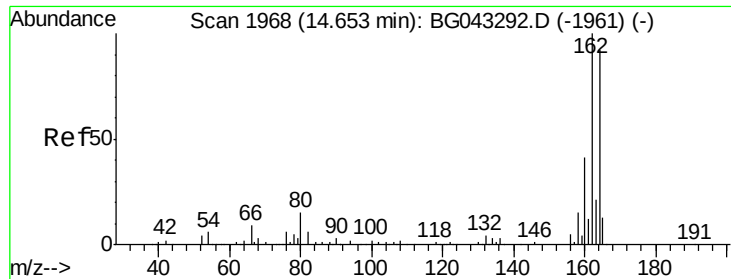
#23  
Nitrobenzene-d5  
Concen: 59.615 ng  
RT: 9.17 min Scan# 1036  
Delta R.T. -0.00 min  
Lab File: BG043491.D  
Acq: 4 Nov 2019 21:41

|             |              |
|-------------|--------------|
| Tgt Ion: 82 | Resp: 148932 |
| Ion Ratio   | Lower Upper  |
| 82 100      |              |
| 128 43.4    | 35.0 52.6    |
| 54 49.4     | 40.2 60.2    |



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

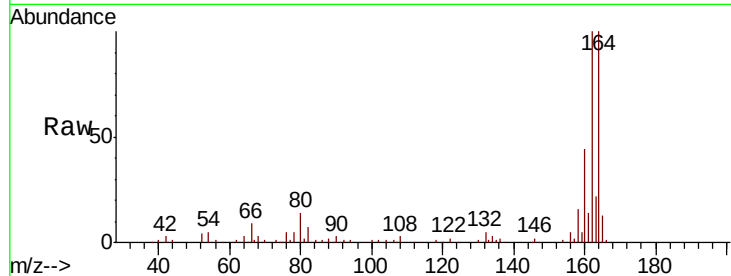




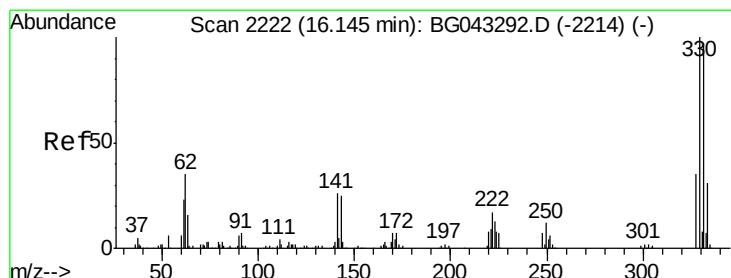
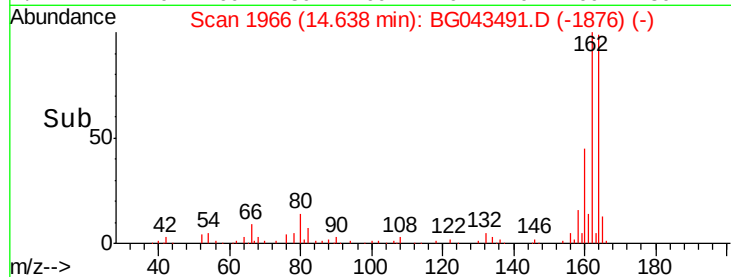
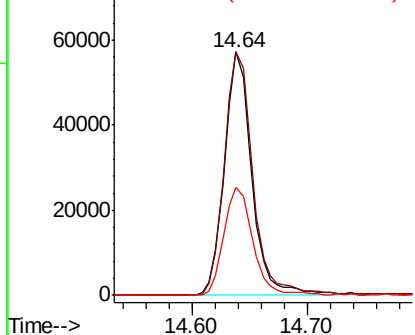
#39  
Acenaphthene-d10  
Concen: 20.000 ng  
RT: 14.64 min Scan# 1966  
Delta R.T. -0.00 min  
Lab File: BG043491.D  
Acq: 4 Nov 2019 21:41

Instrument :  
BNA\_G  
ClientSampleId :  
TP-30-D

Tot Ion:164 Resp: 94241  
Ion Ratio Lower Upper  
164 100  
162 99.9 83.5 125.3  
160 44.4 36.5 54.7

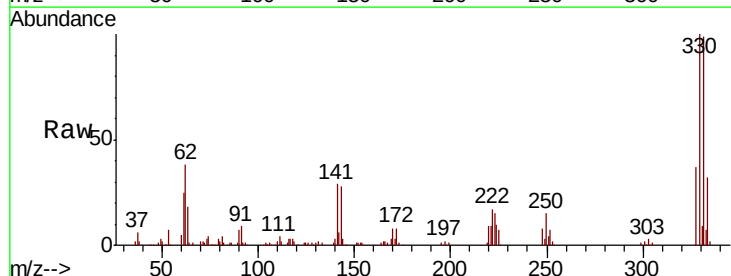


Abundance Ion 164.00 (163.70 to 164.70): E  
Ion 162.00 (161.70 to 162.70): E  
Ion 160.00 (159.70 to 160.70): E

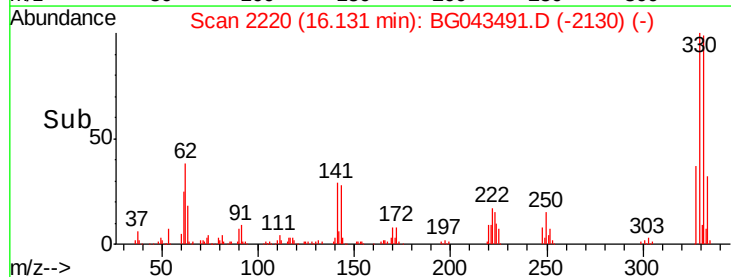
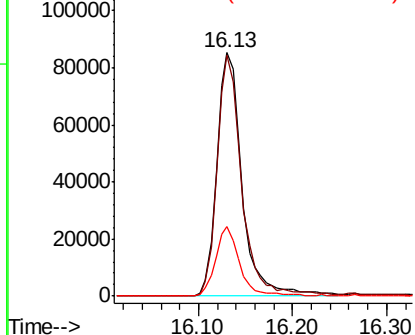


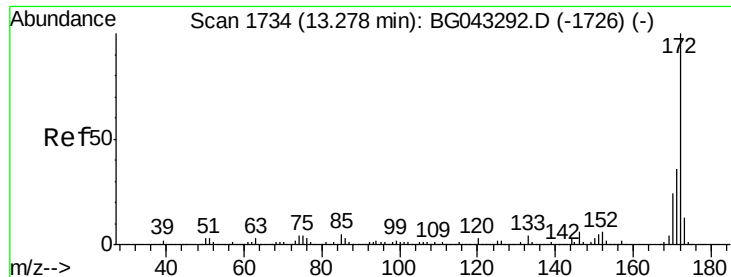
#42  
2,4,6-Tribromophenol  
Concen: 89.474 ng  
RT: 16.13 min Scan# 2220  
Delta R.T. -0.00 min  
Lab File: BG043491.D  
Acq: 4 Nov 2019 21:41

Tgt Ion:330 Resp: 160464  
Ion Ratio Lower Upper  
330 100  
332 96.6 77.4 116.0  
141 27.1 22.8 34.2



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

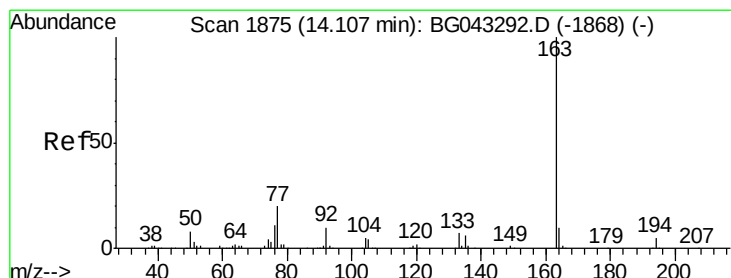
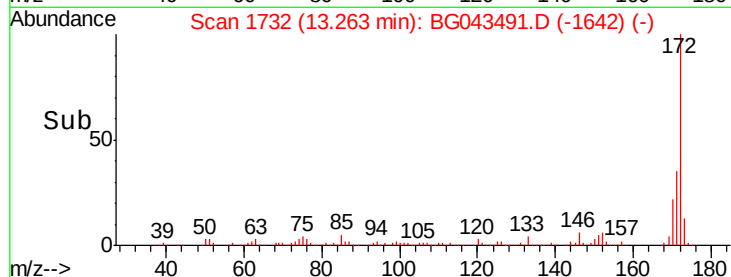
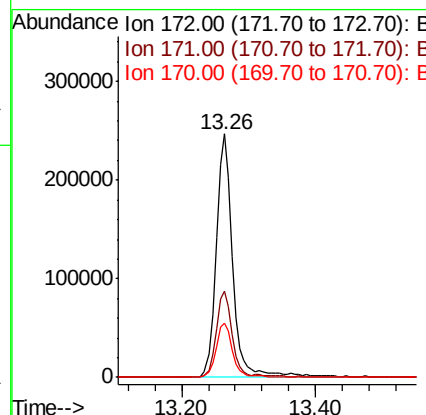
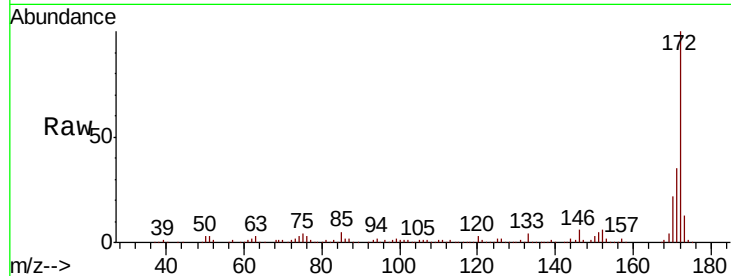




#45  
 2-Fluorobiphenyl  
 Concen: 63.119 ng  
 RT: 13.26 min Scan# 1732  
 Delta R.T. -0.00 min  
 Lab File: BG043491.D  
 Acq: 4 Nov 2019 21:41

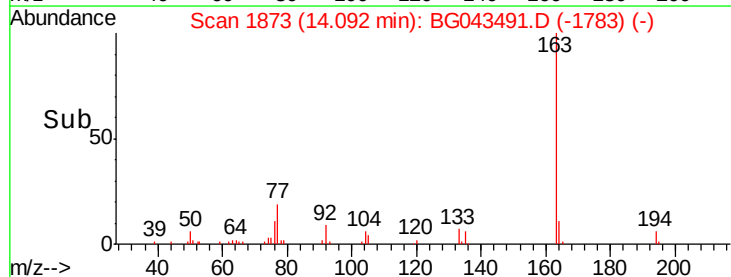
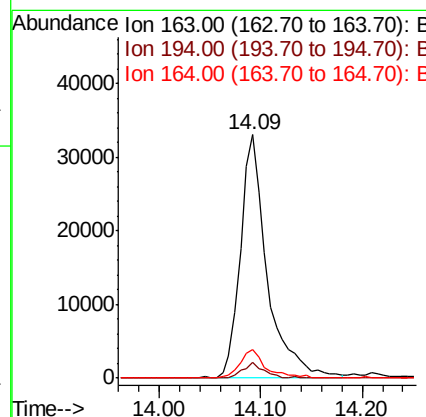
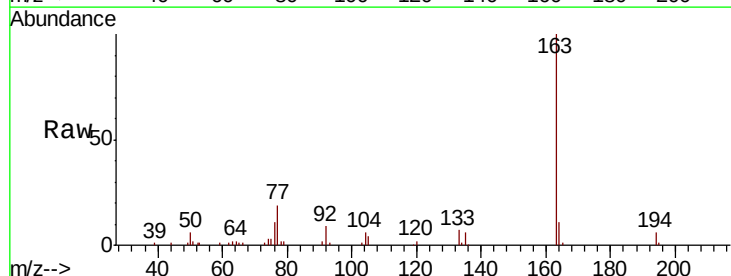
Instrument :  
 BNA\_G  
 ClientSampleId :  
 TP-30-D

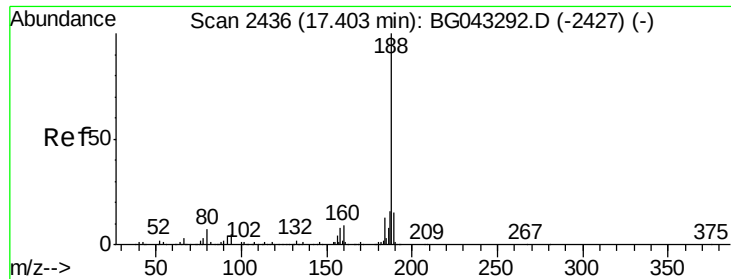
Tot Ion:172 Resp: 430480  
 Ion Ratio Lower Upper  
 172 100  
 171 35.4 28.9 43.3  
 170 22.4 18.5 27.7



#50  
 Dimethylphthalate  
 Concen: 8.336 ng  
 RT: 14.09 min Scan# 1873  
 Delta R.T. -0.00 min  
 Lab File: BG043491.D  
 Acq: 4 Nov 2019 21:41

Tgt Ion:163 Resp: 60847  
 Ion Ratio Lower Upper  
 163 100  
 194 6.4 3.8 5.6#  
 164 11.5 8.9 13.3





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.39 min Scan# 2434

Delta R.T. -0.00 min

Lab File: BG043491.D

Acq: 4 Nov 2019 21:41

Instrument :

BNA\_G

ClientSampleId :

TP-30-D

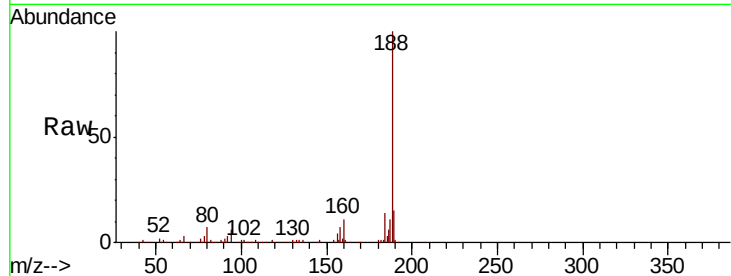
Tot Ion:188 Resp: 235317

Ion Ratio Lower Upper

188 100

94 5.7 4.2 6.4

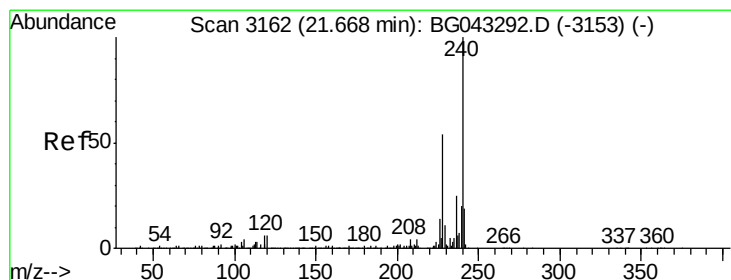
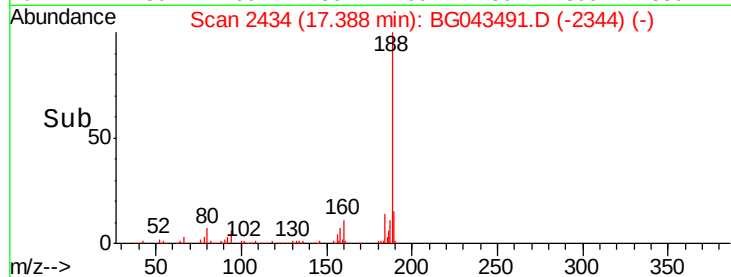
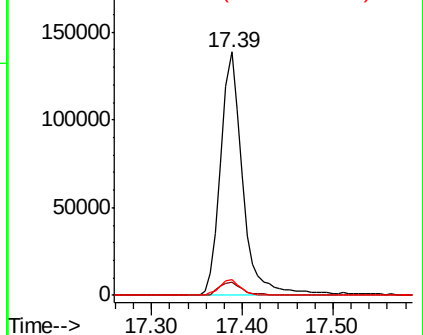
80 6.7 4.5 6.7



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: 21.65 min Scan# 3160

Delta R.T. -0.00 min

Lab File: BG043491.D

Acq: 4 Nov 2019 21:41

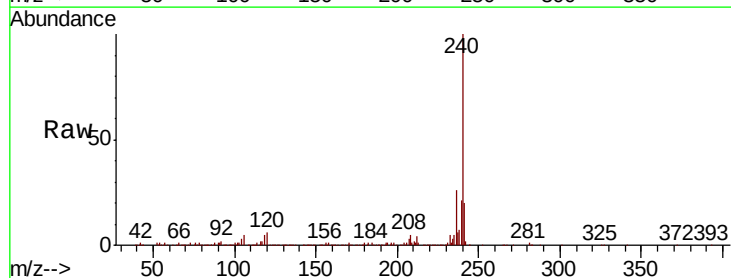
Tgt Ion:240 Resp: 283383

Ion Ratio Lower Upper

240 100

120 6.3 4.6 6.8

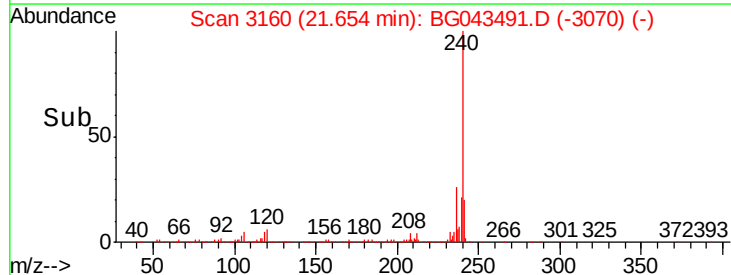
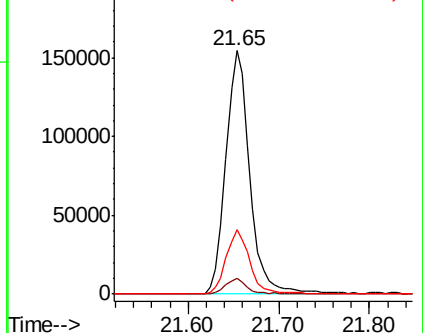
236 26.3 19.8 29.8



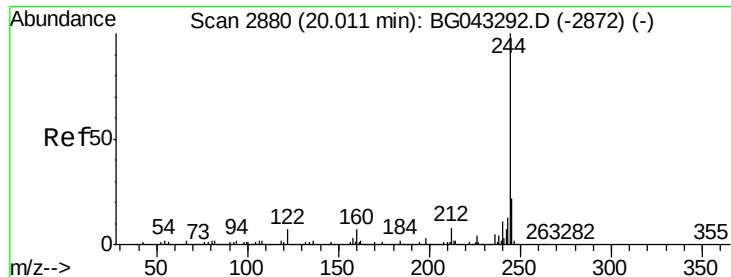
Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E







#79

Terphenyl-d14

Concen: 65.382 ng

RT: 20.00 min Scan# 2878

Delta R.T. -0.00 min

Lab File: BG043491.D

Acq: 4 Nov 2019 21:41

Instrument :

BNA\_G

ClientSampleId :

TP-30-D

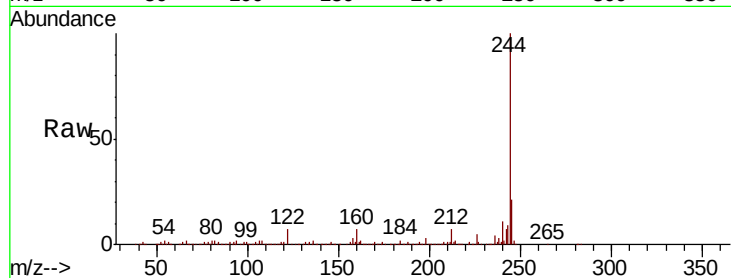
Tot Ion:244 Resp: 987612

Ion Ratio Lower Upper

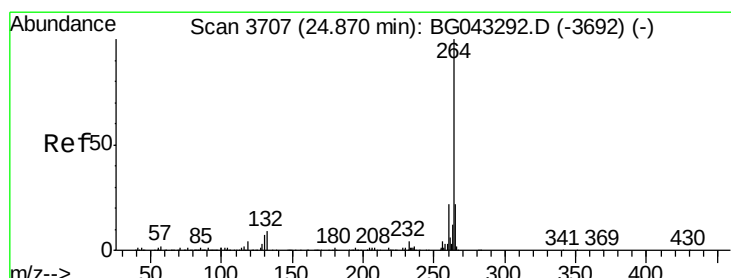
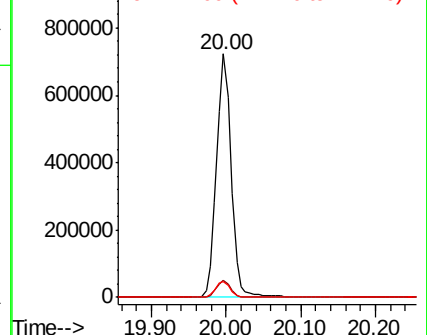
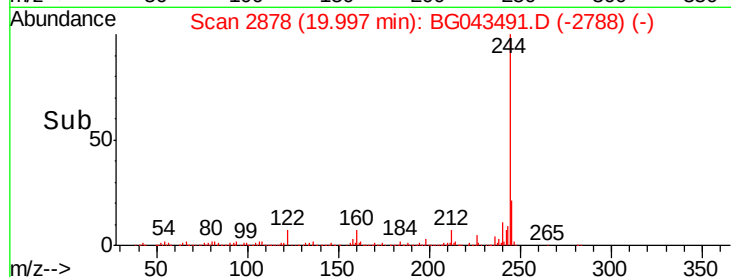
244 100

212 7.1 5.8 8.6

122 6.7 5.4 8.2



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: 24.85 min Scan# 3704

Delta R.T. -0.00 min

Lab File: BG043491.D

Acq: 4 Nov 2019 21:41

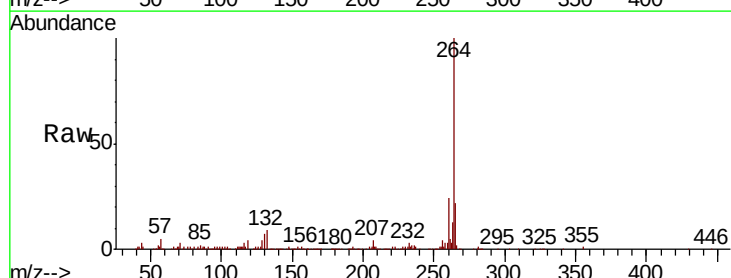
Tgt Ion:264 Resp: 345074

Ion Ratio Lower Upper

264 100

260 24.4 17.5 26.3

265 21.7 17.4 26.0



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

