

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG012020\  
 Data File : BG044106.D  
 Acq On : 20 Jan 2020 20:20  
 Operator : JU  
 Sample : L1184-01  
 Misc :  
 ALS Vial : 8 Sample Multiplier: 1

Instrument :  
 BNA\_G  
 ClientSampleId :  
 CBH-140-(SETTLED)

Quant Time: Jan 21 06:57:14 2020  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG123019.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Tue Dec 31 13:32:23 2019  
 Response via : Initial Calibration

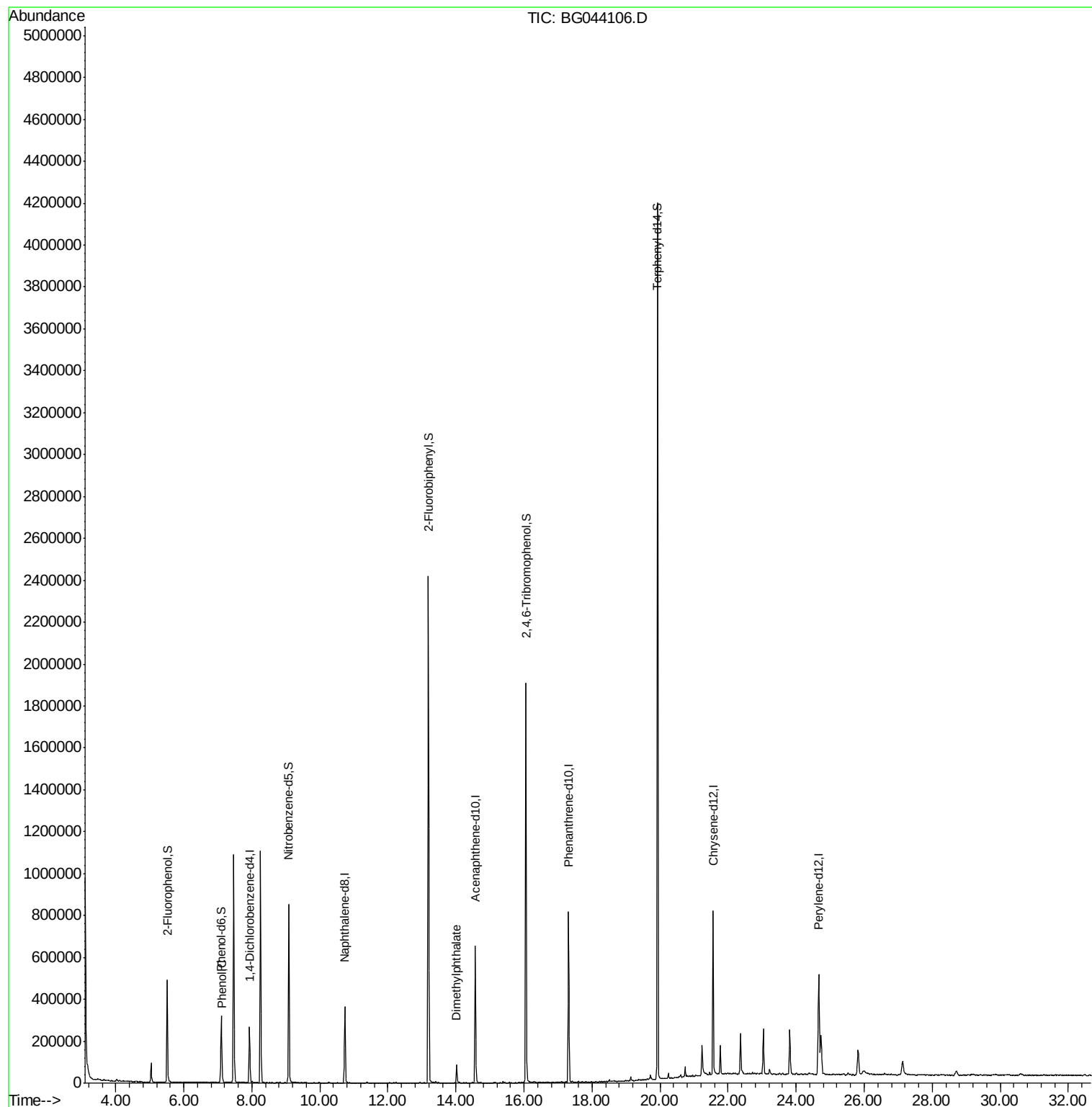
| Internal Standards          | R.T.  | QIon | Response | Conc   | Units | Dev(Min) |
|-----------------------------|-------|------|----------|--------|-------|----------|
| 1) 1,4-Dichlorobenzene-d4   | 7.93  | 152  | 81125    | 20.00  | ng    | -0.03    |
| 21) Naphthalene-d8          | 10.74 | 136  | 344562   | 20.00  | ng    | -0.03    |
| 39) Acenaphthene-d10        | 14.57 | 164  | 235337   | 20.00  | ng    | -0.03    |
| 64) Phenanthrene-d10        | 17.31 | 188  | 515683   | 20.00  | ng    | -0.03    |
| 76) Chrysene-d12            | 21.56 | 240  | 441719   | 20.00  | ng    | -0.03    |
| 87) Perylene-d12            | 24.67 | 264  | 496381   | 20.00  | ng    | -0.06    |
| System Monitoring Compounds |       |      |          |        |       |          |
| 5) 2-Fluorophenol           | 5.51  | 112  | 255310   | 57.78  | ng    | -0.03    |
| 7) Phenol-d6                | 7.10  | 99   | 208874   | 33.82  | ng    | -0.03    |
| 23) Nitrobenzene-d5         | 9.08  | 82   | 549960   | 85.39  | ng    | -0.04    |
| 42) 2,4,6-Tribromophenol    | 16.06 | 330  | 381592   | 154.95 | ng    | -0.03    |
| 45) 2-Fluorobiphenyl        | 13.19 | 172  | 1294734  | 99.68  | ng    | -0.03    |
| 79) Terphenyl-d14           | 19.92 | 244  | 1914510  | 113.69 | ng    | -0.03    |
| Target Compounds            |       |      |          |        |       |          |
| 10) Phenol                  | 7.12  | 94   | 21371    | 3.359  | ng    | 97       |
| 50) Dimethylphthalate       | 14.02 | 163  | 69340    | 4.150  | ng    | 96       |

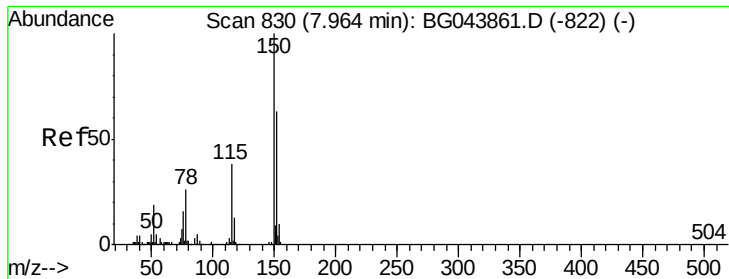
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG012020\  
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
QLast Update : Tue Dec 31 13:32:23 2019  
Response via : Initial Calibration



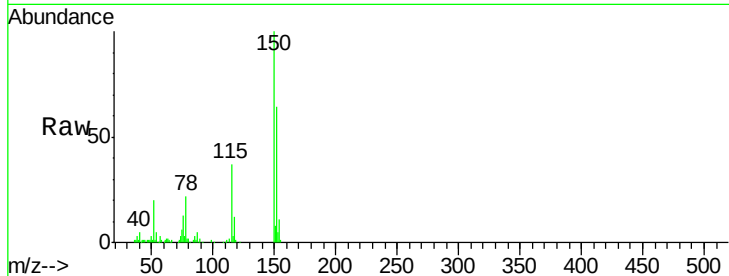


#1

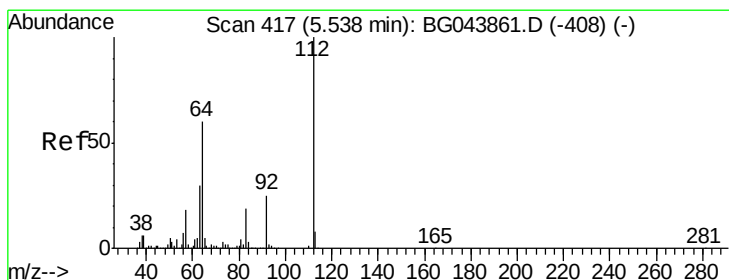
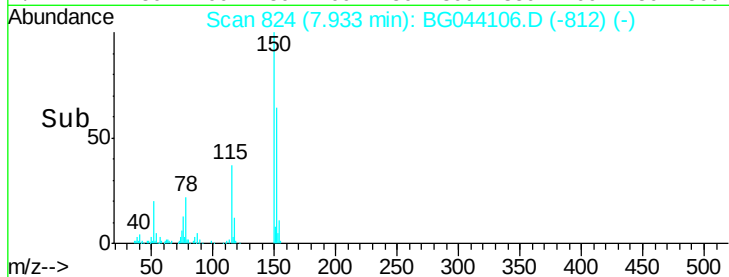
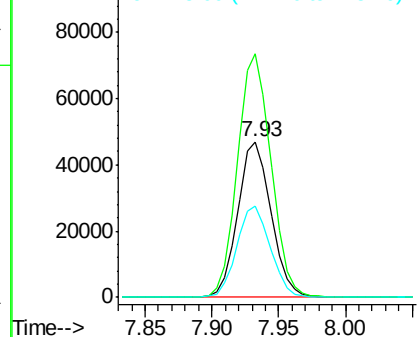
1,4-Dichlorobenzene-d4  
Concen: 20.000 ng  
RT: 7.93 min Scan# 824  
Delta R.T. -0.03 min  
Lab File: BG044106.D  
Acq: 20 Jan 2020 20:20

Instrument :  
BNA\_G  
ClientSampleId :  
CBH-140-(SETTLED)

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 152     | 100   |       |       |
| 150     | 156.4 | 127.0 | 190.4 |
| 115     | 58.5  | 47.8  | 71.8  |



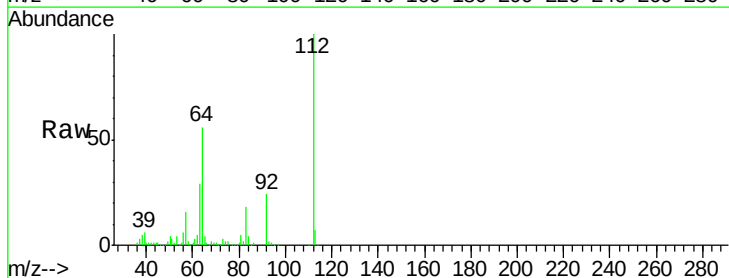
Abundance Ion 152.00 (151.70 to 152.70): E  
Ion 150.00 (149.70 to 150.70): E  
Ion 115.00 (114.70 to 115.70): E



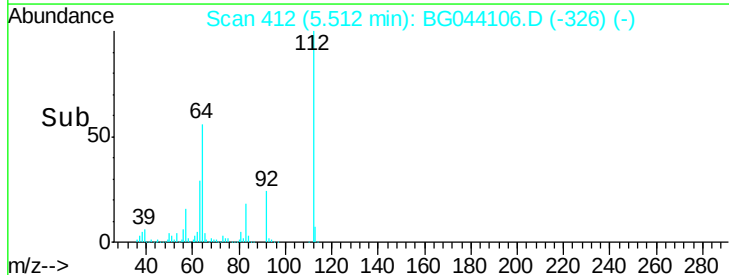
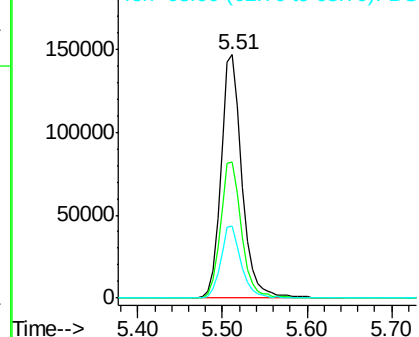
#5

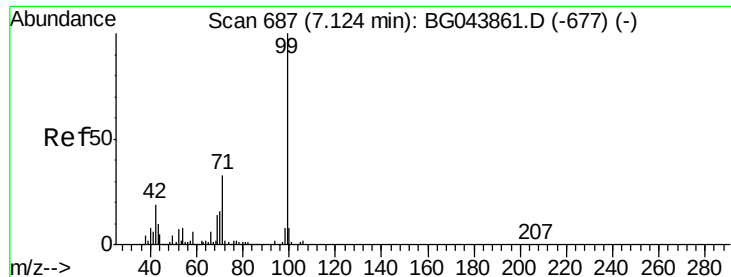
2-Fluorophenol  
Concen: 57.785 ng  
RT: 5.51 min Scan# 412  
Delta R.T. -0.03 min  
Lab File: BG044106.D  
Acq: 20 Jan 2020 20:20

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 112     | 100   |       |       |
| 64      | 55.9  | 47.8  | 71.6  |
| 63      | 29.4  | 24.3  | 36.5  |



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: 33.821 ng

RT: 7.10 min Scan# 682

Delta R.T. -0.03 min

Lab File: BG044106.D

Acq: 20 Jan 2020 20:20

Instrument :

BNA\_G

ClientSampleId :

CBH-140-(SETTLED)

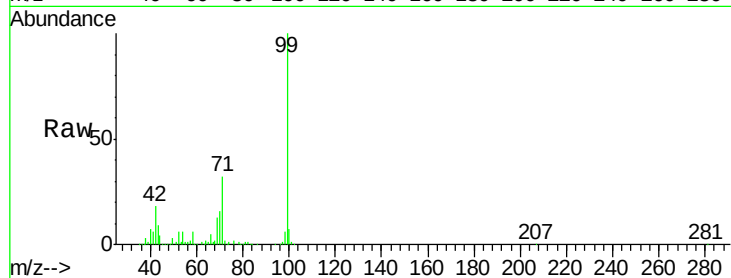
Tot Ion: 99 Resp: 208874

Ion Ratio Lower Upper

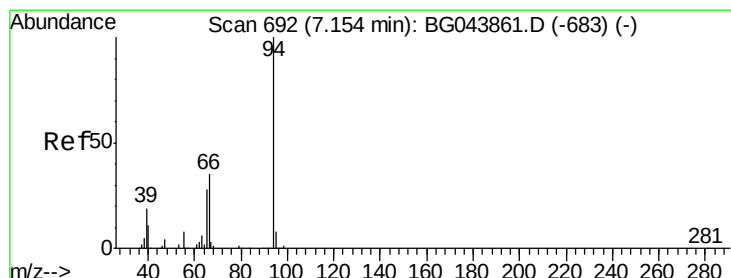
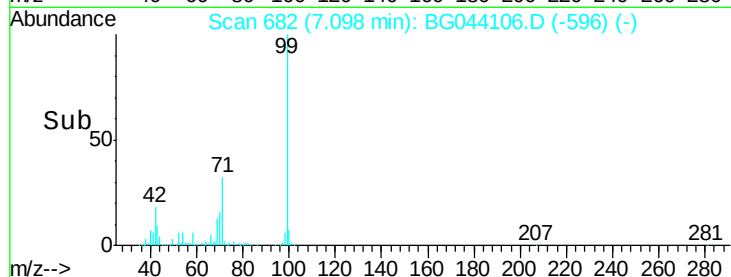
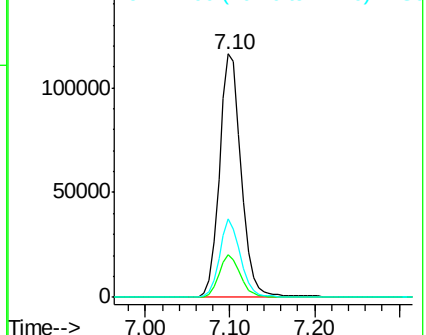
99 100

42 17.8 14.9 22.3

71 32.2 26.4 39.6



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: 3.359 ng

RT: 7.12 min Scan# 686

Delta R.T. -0.03 min

Lab File: BG044106.D

Acq: 20 Jan 2020 20:20

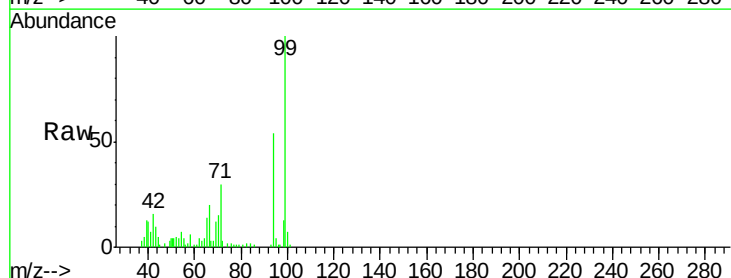
Tgt Ion: 94 Resp: 21371

Ion Ratio Lower Upper

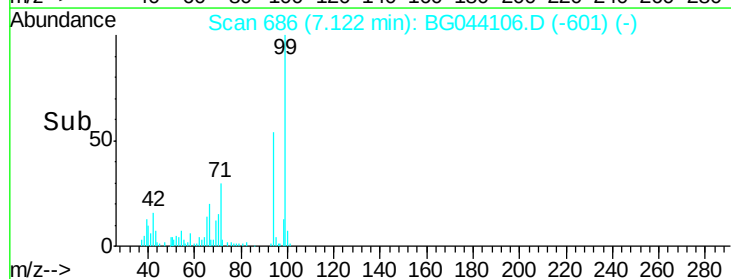
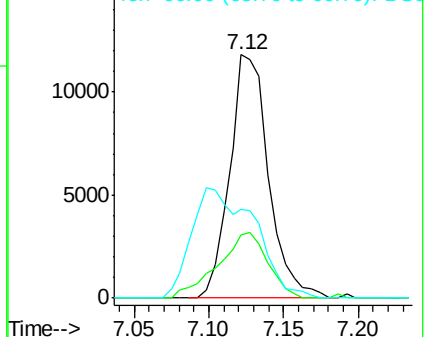
94 100

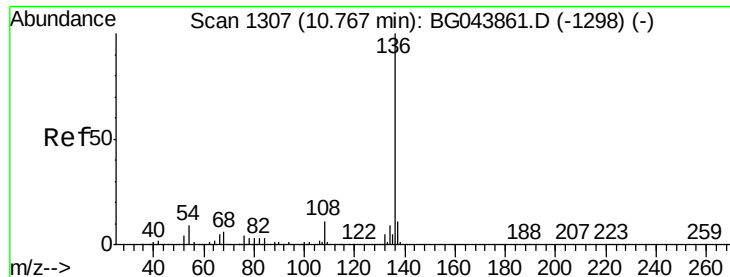
65 25.8 8.1 48.1

66 36.7 15.6 55.6



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

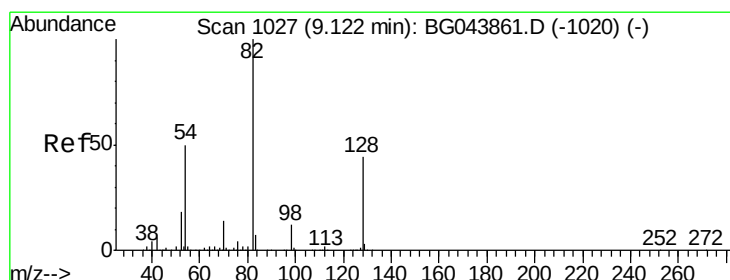
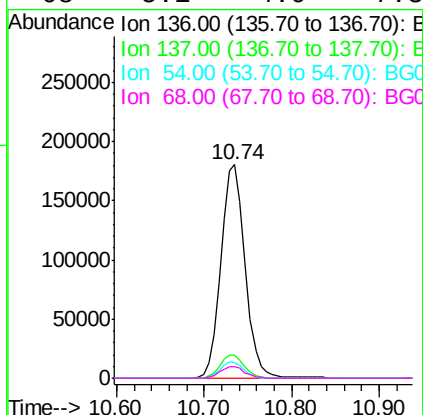
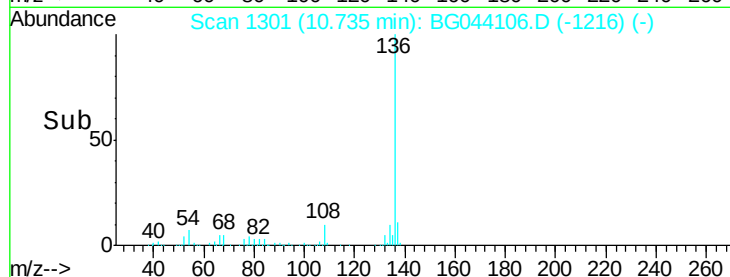
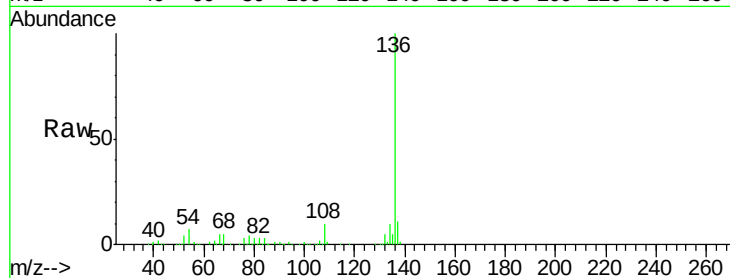




#21  
Naphthalene-d8  
Concen: 20.000 ng  
RT: 10.74 min Scan# 1301  
Delta R.T. -0.03 min  
Lab File: BG044106.D  
Acq: 20 Jan 2020 20:20

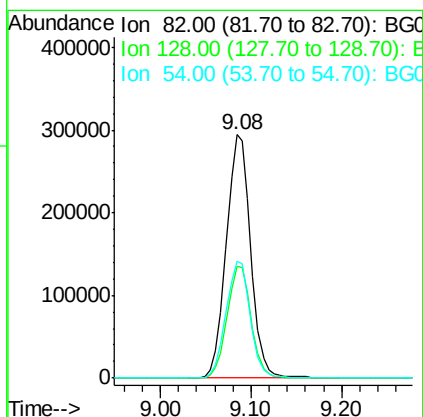
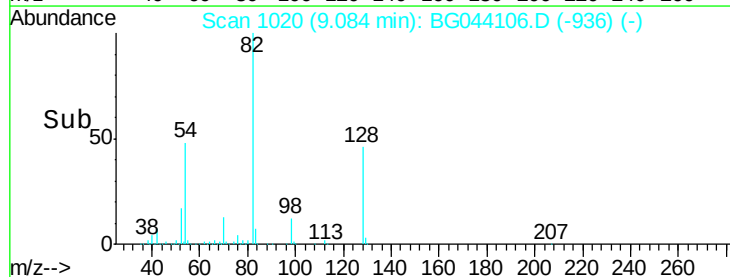
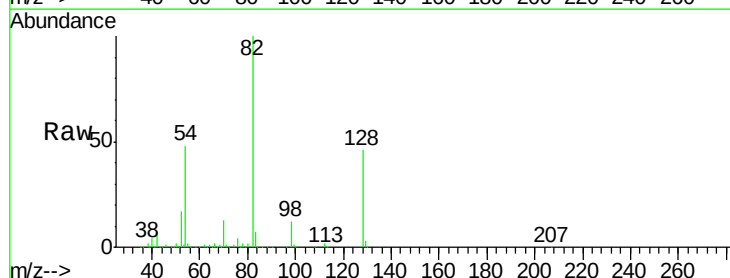
Instrument :  
BNA\_G  
ClientSampleId :  
CBH-140-(SETTLED)

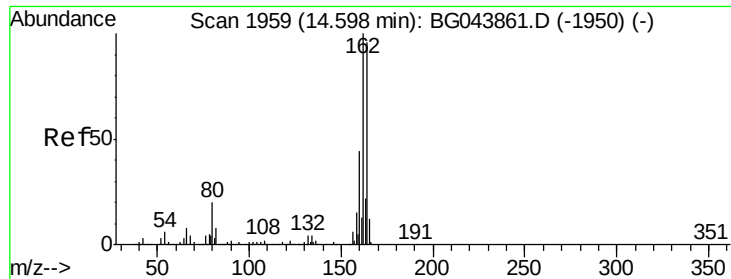
|             |       |        |
|-------------|-------|--------|
| Tot Ion:136 | Resp: | 344562 |
| Ion Ratio   | Lower | Upper  |
| 136 100     |       |        |
| 137 10.8    | 8.8   | 13.2   |
| 54 7.3      | 7.0   | 10.4   |
| 68 5.1      | 4.9   | 7.3    |



#23  
Nitrobenzene-d5  
Concen: 85.385 ng  
RT: 9.08 min Scan# 1020  
Delta R.T. -0.04 min  
Lab File: BG044106.D  
Acq: 20 Jan 2020 20:20

|     |         |       |        |
|-----|---------|-------|--------|
| Tgt | Ion: 82 | Resp: | 549960 |
| Ion | Ratio   | Lower | Upper  |
| 82  | 100     |       |        |
| 128 | 46.0    | 35.1  | 52.7   |
| 54  | 48.2    | 40.1  | 60.1   |





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.57 min Scan# 1953

Delta R.T. -0.03 min

Lab File: BG044106.D

Acq: 20 Jan 2020 20:20

Instrument :

BNA\_G

ClientSampleId :

CBH-140-(SETTLED)

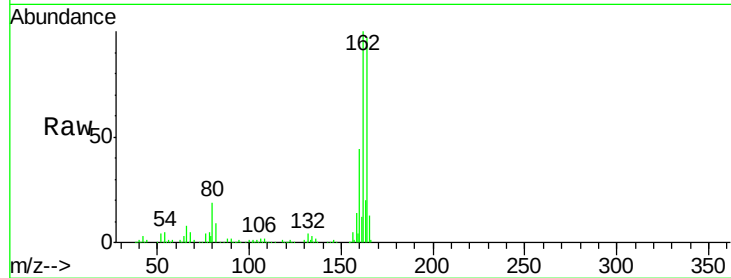
Tot Ion:164 Resp: 235337

Ion Ratio Lower Upper

164 100

162 103.3 83.0 124.4

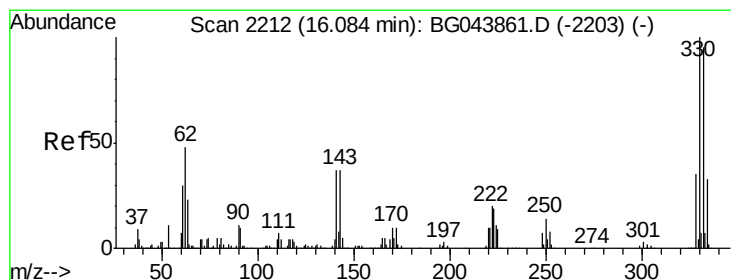
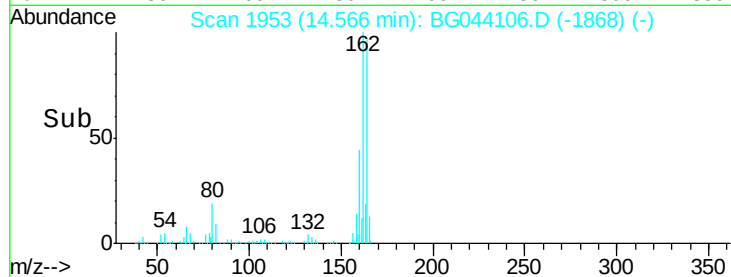
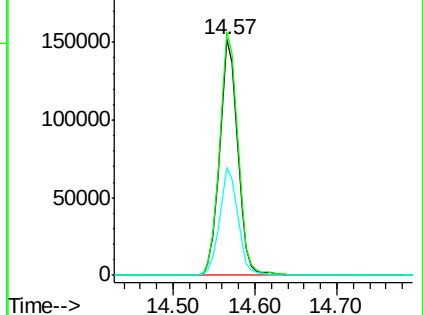
160 45.5 36.1 54.1



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: 154.945 ng

RT: 16.06 min Scan# 2207

Delta R.T. -0.03 min

Lab File: BG044106.D

Acq: 20 Jan 2020 20:20

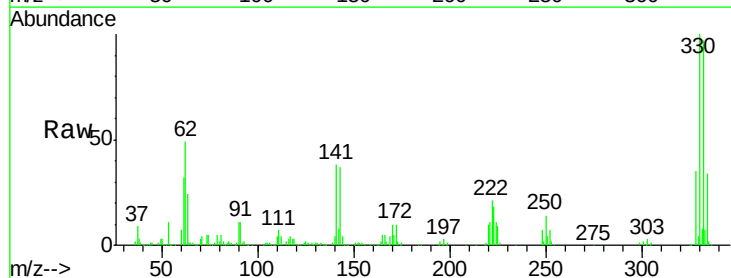
Tgt Ion:330 Resp: 381592

Ion Ratio Lower Upper

330 100

332 96.2 77.2 115.8

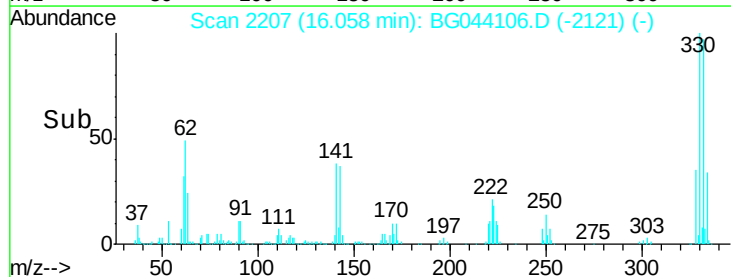
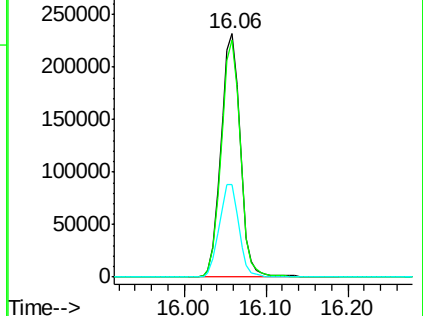
141 39.0 33.1 49.7

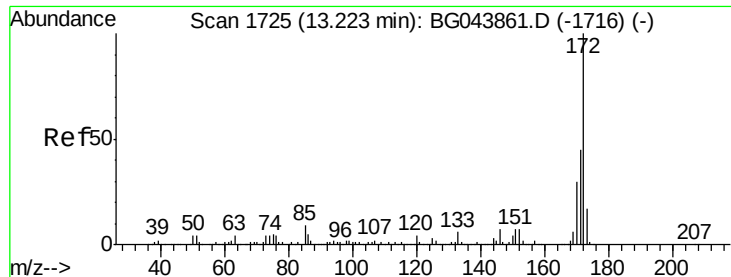


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

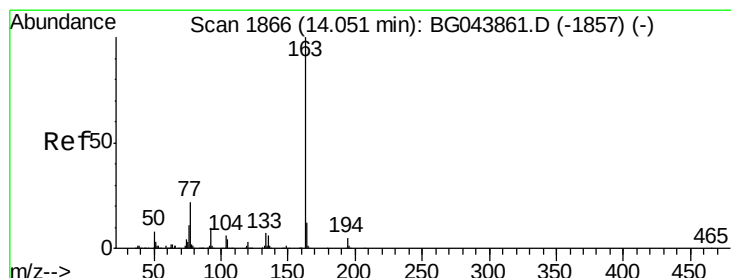
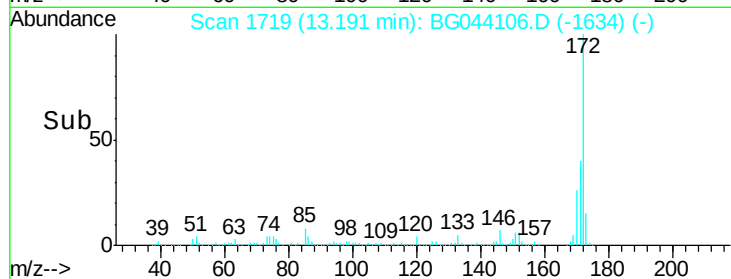
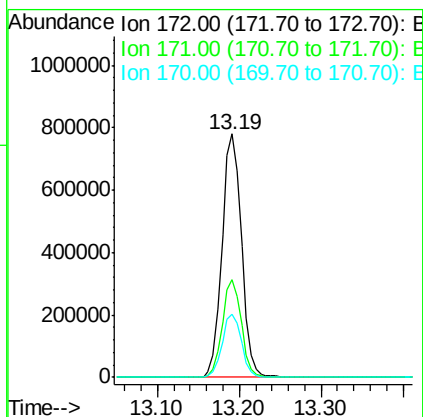
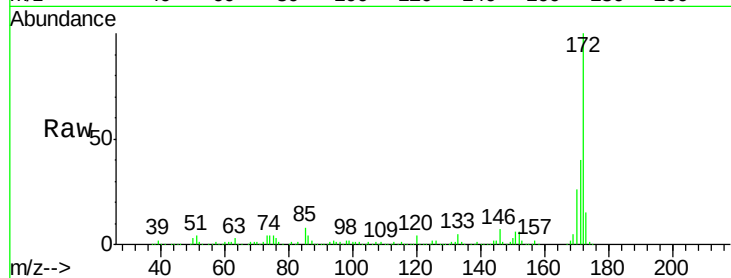




#45  
2-Fluorobiphenyl  
Concen: 99.677 ng  
RT: 13.19 min Scan# 1719  
Delta R.T. -0.03 min  
Lab File: BG044106.D  
Acq: 20 Jan 2020 20:20

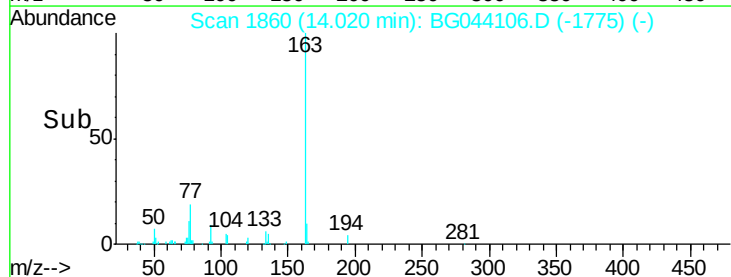
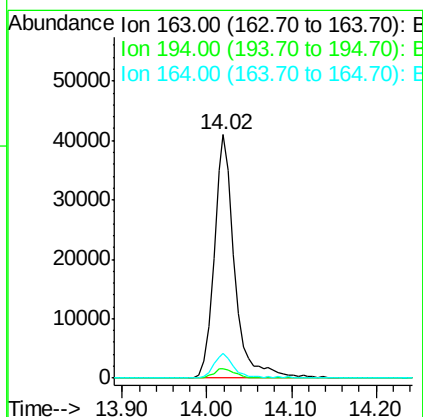
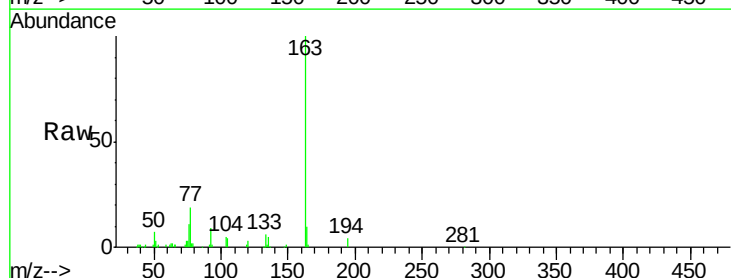
Instrument :  
BNA\_G  
ClientSampleId :  
CBH-140-(SETTLED)

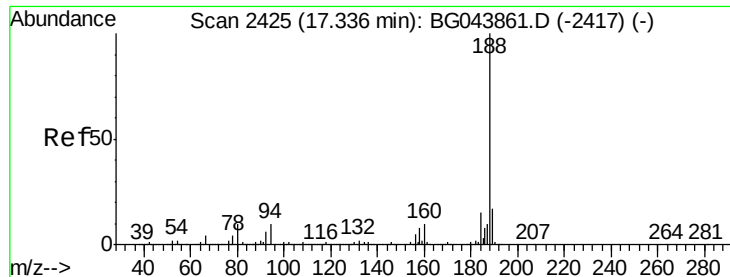
Tot Ion:172 Resp: 1294734  
Ion Ratio Lower Upper  
172 100  
171 40.2 35.8 53.8  
170 26.0 24.2 36.4



#50  
Dimethylphthalate  
Concen: 4.150 ng  
RT: 14.02 min Scan# 1860  
Delta R.T. -0.03 min  
Lab File: BG044106.D  
Acq: 20 Jan 2020 20:20

Tgt Ion:163 Resp: 69340  
Ion Ratio Lower Upper  
163 100  
194 3.9 3.7 5.5  
164 10.0 9.3 13.9

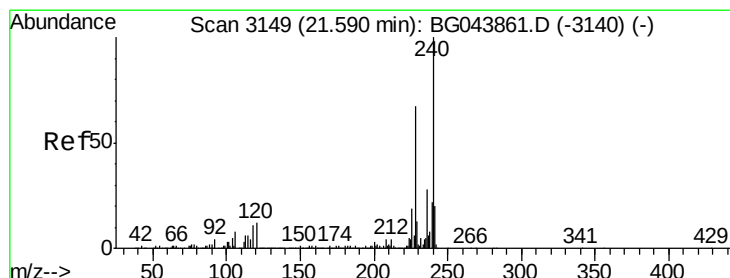
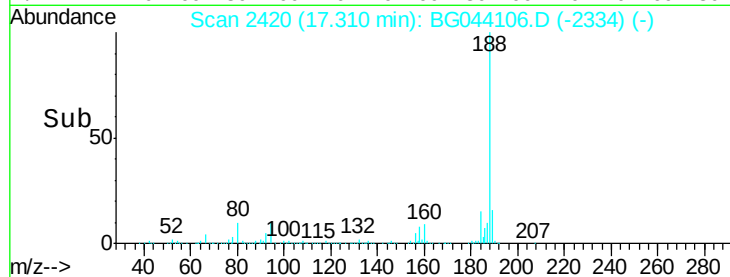
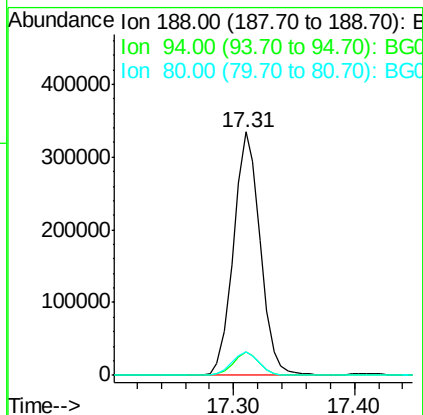
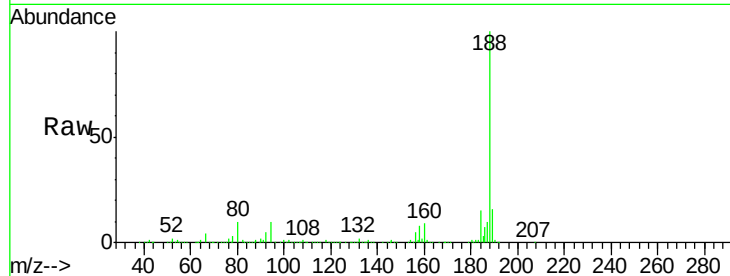




#64  
Phenanthrene-d10  
Concen: 20.000 ng  
RT: 17.31 min Scan# 2420  
Delta R.T. -0.03 min  
Lab File: BG044106.D  
Acq: 20 Jan 2020 20:20

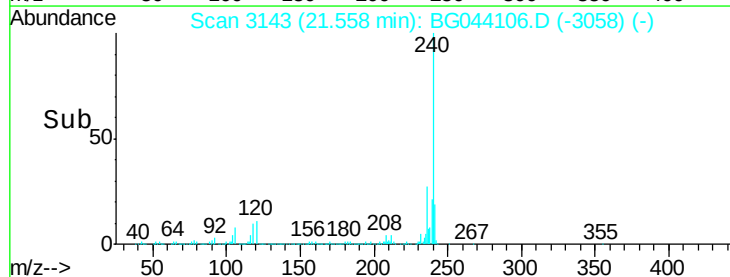
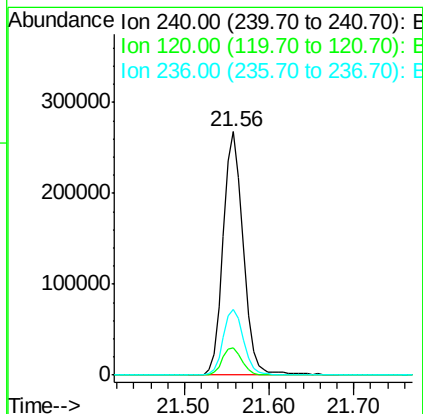
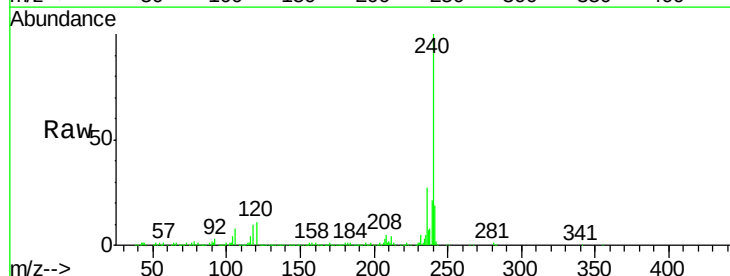
Instrument :  
BNA\_G  
ClientSampleId :  
CBH-140-(SETTLED)

Tot Ion:188 Resp: 515683  
Ion Ratio Lower Upper  
188 100  
94 9.6 7.9 11.9  
80 9.7 8.2 12.4

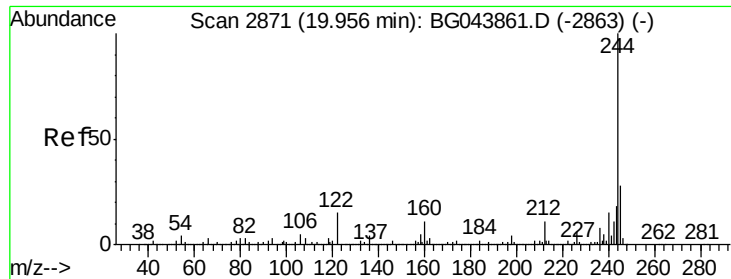


#76  
Chrysene-d12  
Concen: 20.000 ng  
RT: 21.56 min Scan# 3143  
Delta R.T. -0.03 min  
Lab File: BG044106.D  
Acq: 20 Jan 2020 20:20

Tgt Ion:240 Resp: 441719  
Ion Ratio Lower Upper  
240 100  
120 11.0 9.6 14.4  
236 26.9 22.2 33.2







#79

Terphenyl-d14

Concen: 113.688 ng

RT: 19.92 min Scan# 2865

Delta R.T. -0.03 min

Lab File: BG044106.D

Acq: 20 Jan 2020 20:20

Instrument :

BNA\_G

ClientSampleId :

CBH-140-(SETTLED)

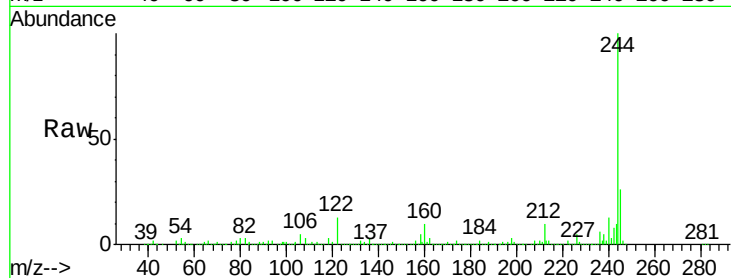
Tot Ion:244 Resp: 1914510

Ion Ratio Lower Upper

244 100

212 9.6 8.6 13.0

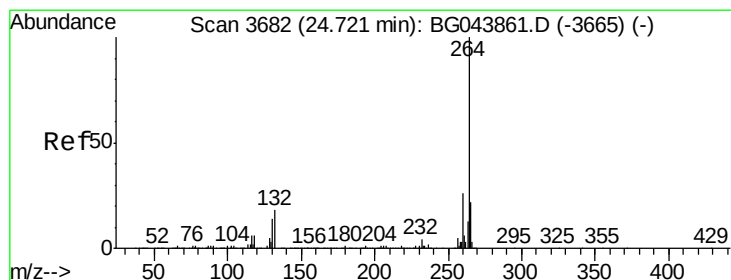
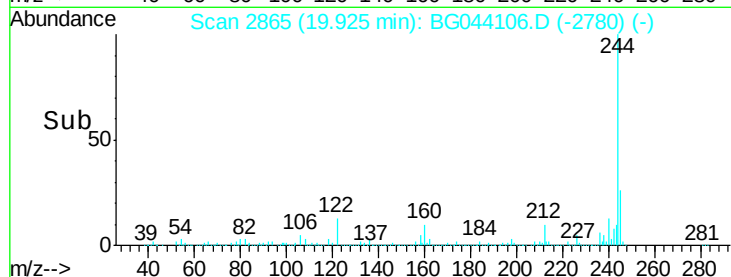
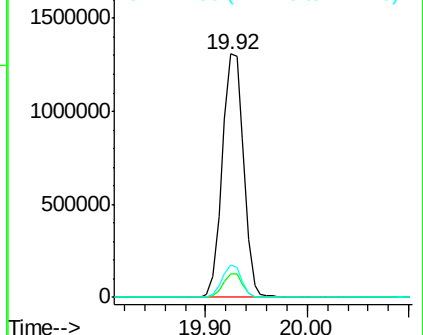
122 13.5 11.9 17.9



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: 24.67 min Scan# 3672

Delta R.T. -0.06 min

Lab File: BG044106.D

Acq: 20 Jan 2020 20:20

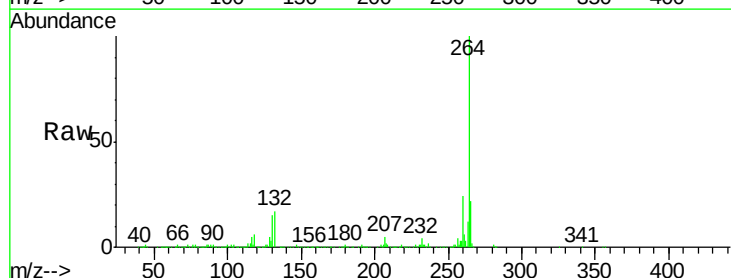
Tgt Ion:264 Resp: 496381

Ion Ratio Lower Upper

264 100

260 24.2 20.4 30.6

265 22.4 17.4 26.2



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

