

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG091219\  
 Data File : BG042797.D  
 Acq On : 13 Sep 2019 00:41  
 Operator : HP/JU  
 Sample : K4712-06  
 Misc :  
 ALS Vial : 16 Sample Multiplier: 1

Instrument :  
 BNA\_G  
 ClientSampleId :  
 SB-4-18-20

Quant Time: Sep 13 08:21:37 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

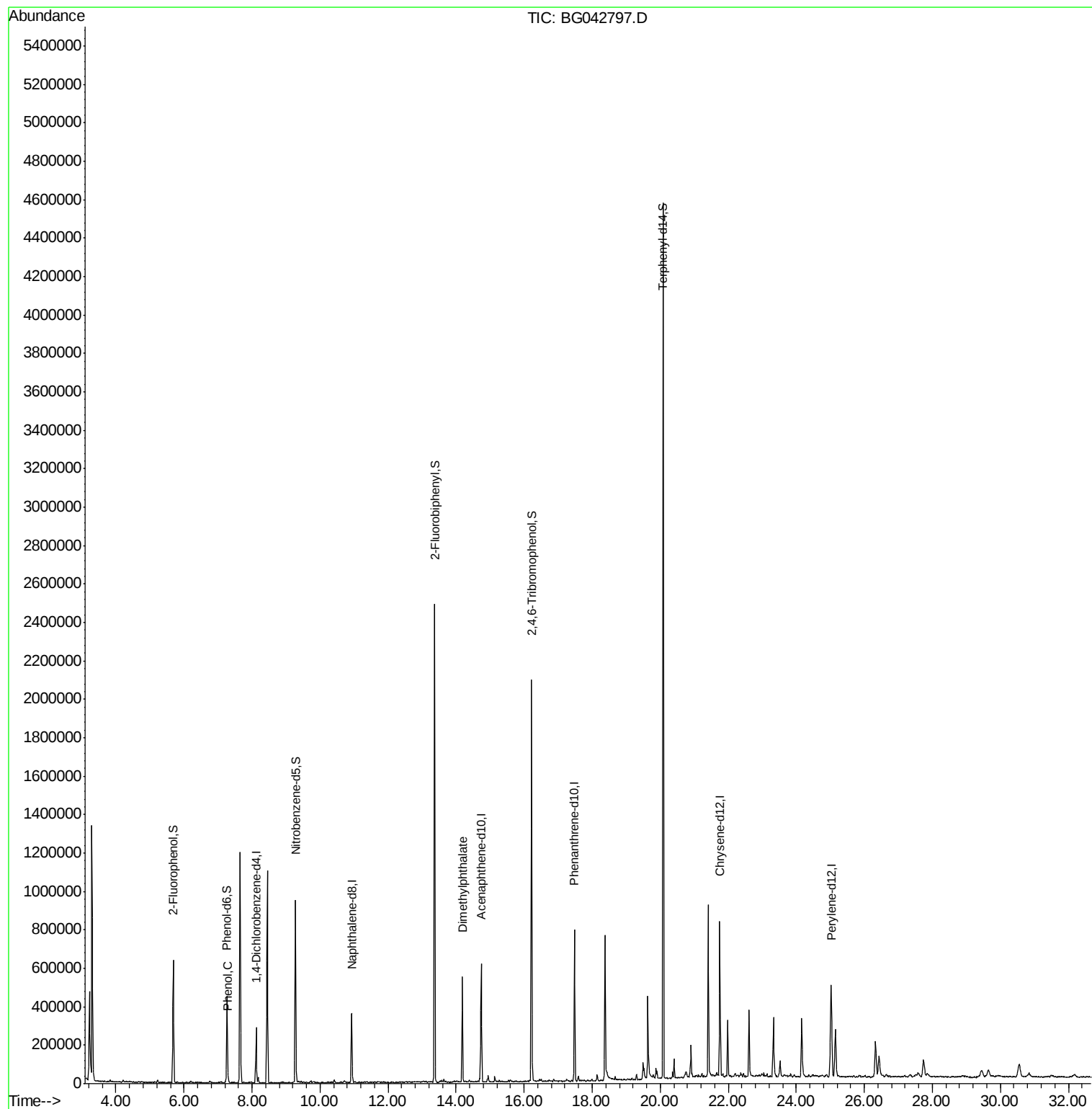
| Internal Standards          | R.T.  | QIon | Response | Conc   | Units | Dev(Min) |
|-----------------------------|-------|------|----------|--------|-------|----------|
| 1) 1,4-Dichlorobenzene-d4   | 8.12  | 152  | 80069    | 20.00  | ng    | 0.00     |
| 21) Naphthalene-d8          | 10.93 | 136  | 309820   | 20.00  | ng    | 0.00     |
| 39) Acenaphthene-d10        | 14.74 | 164  | 211822   | 20.00  | ng    | 0.00     |
| 64) Phenanthrene-d10        | 17.48 | 188  | 491801   | 20.00  | ng    | 0.00     |
| 76) Chrysene-d12            | 21.75 | 240  | 498363   | 20.00  | ng    | 0.00     |
| 87) Perylene-d12            | 25.03 | 264  | 547419   | 20.00  | ng    | -0.02    |
| System Monitoring Compounds |       |      |          |        |       |          |
| 5) 2-Fluorophenol           | 5.68  | 112  | 257145   | 55.83  | ng    | 0.00     |
| 7) Phenol-d6                | 7.26  | 99   | 241776   | 36.57  | ng    | 0.00     |
| 23) Nitrobenzene-d5         | 9.27  | 82   | 581420   | 97.70  | ng    | 0.00     |
| 42) 2,4,6-Tribromophenol    | 16.22 | 330  | 404396   | 143.50 | ng    | 0.00     |
| 45) 2-Fluorobiphenyl        | 13.37 | 172  | 1313409  | 98.15  | ng    | 0.00     |
| 79) Terphenyl-d14           | 20.08 | 244  | 2115504  | 94.08  | ng    | 0.00     |
| Target Compounds            |       |      |          |        |       |          |
| 10) Phenol                  | 7.29  | 94   | 23663    | 3.491  | ng    | 86       |
| 50) Dimethylphthalate       | 14.19 | 163  | 361449   | 22.778 | ng    | 98       |

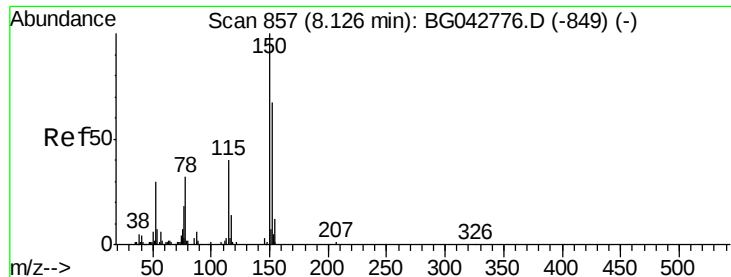
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG091219\  
Data File : BG042797.D  
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Sample : K4712-06  
Misc :  
ALS Vial : 16 Sample Multiplier: 1

Instrument :  
BNA\_G  
ClientSampleId :  
SB-4-18-20

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Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG091219.M  
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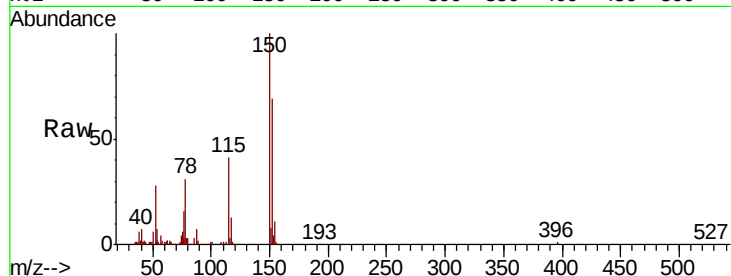


#1

1,4-Dichlorobenzene-d4  
Concen: 20.000 ng  
RT: 8.12 min Scan# 857  
Delta R.T. -0.00 min  
Lab File: BG042797.D  
Acq: 13 Sep 2019 00:41

Instrument :  
BNA\_G  
ClientSampleId :  
SB-4-18-20

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 152     | 100   |       |       |
| 150     | 144.2 | 118.9 | 178.3 |
| 115     | 58.8  | 47.4  | 71.2  |

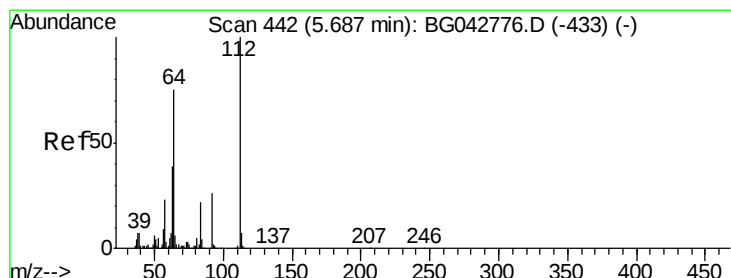
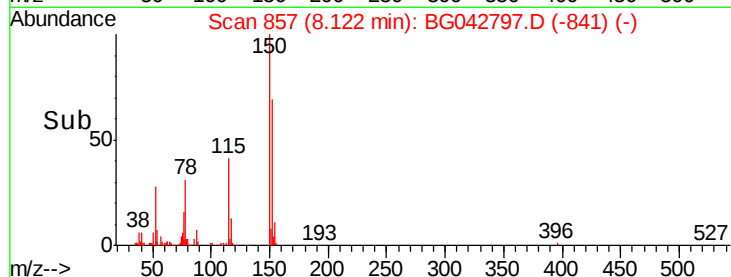
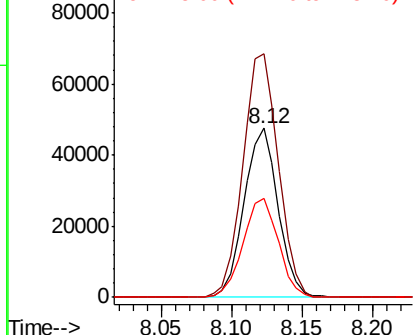


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

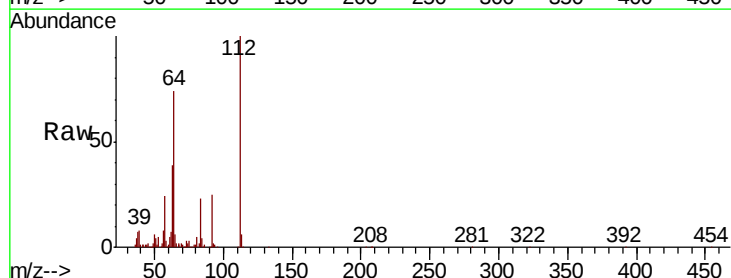
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol  
Concen: 55.834 ng  
RT: 5.68 min Scan# 442  
Delta R.T. -0.00 min  
Lab File: BG042797.D  
Acq: 13 Sep 2019 00:41

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 112     | 100   |       |       |
| 64      | 74.4  | 60.2  | 90.2  |
| 63      | 39.5  | 31.2  | 46.8  |

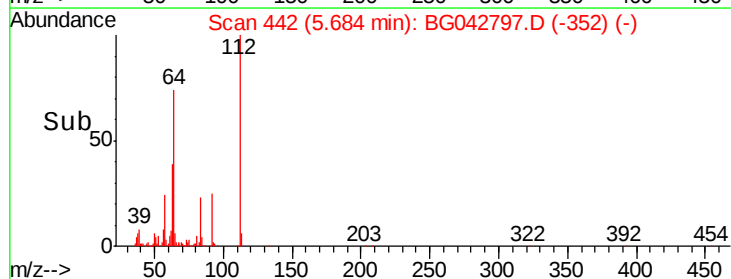
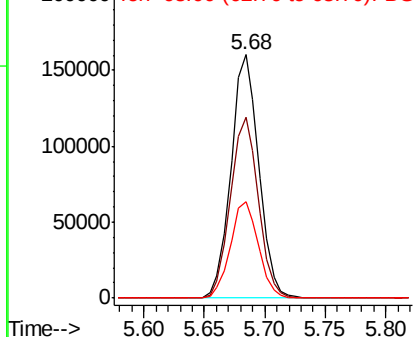


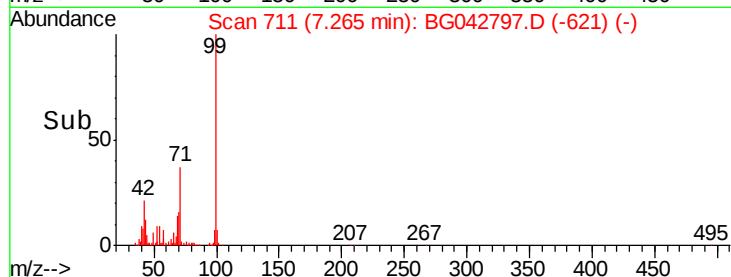
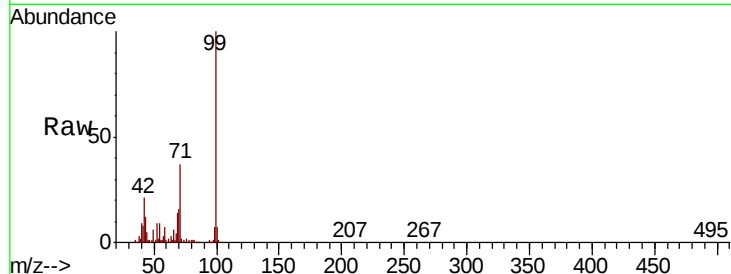
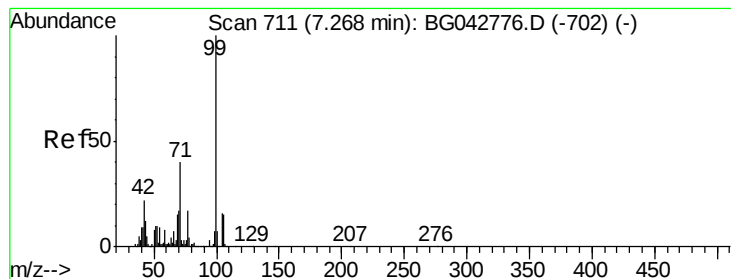
Abundance

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: 36.575 ng

RT: 7.26 min Scan# 711

Delta R.T. -0.00 min

Lab File: BG042797.D

Acq: 13 Sep 2019 00:41

Instrument :

BNA\_G

ClientSampleId :

SB-4-18-20

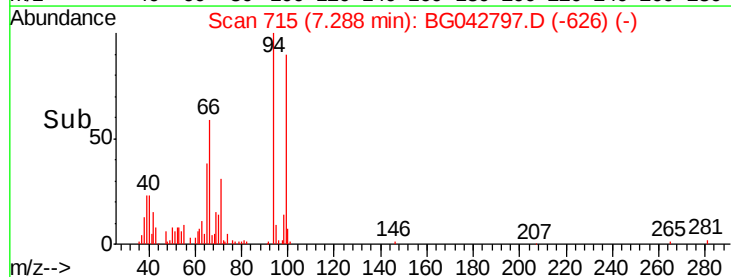
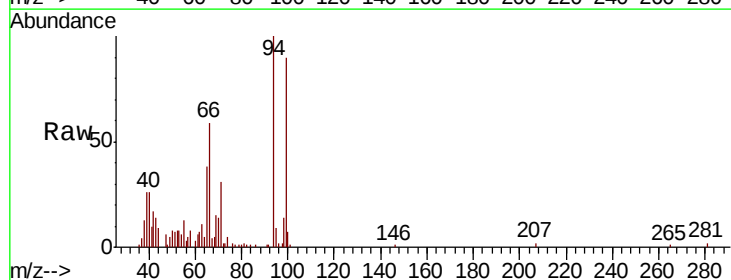
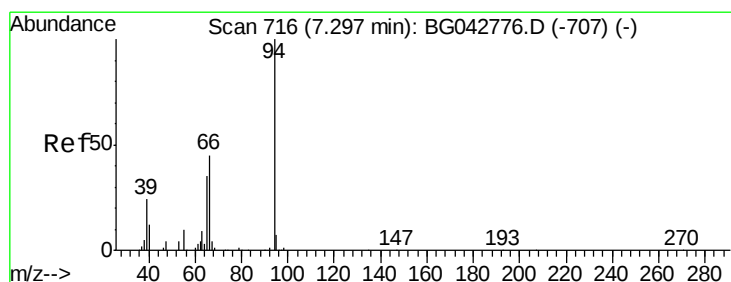
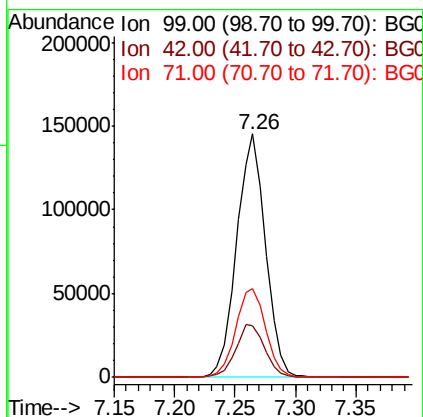
Tot Ion: 99 Resp: 241776

Ion Ratio Lower Upper

99 100

42 21.1 17.5 26.3

71 36.6 32.0 48.0



#10

Phenol

Concen: 3.491 ng

RT: 7.29 min Scan# 715

Delta R.T. -0.01 min

Lab File: BG042797.D

Acq: 13 Sep 2019 00:41

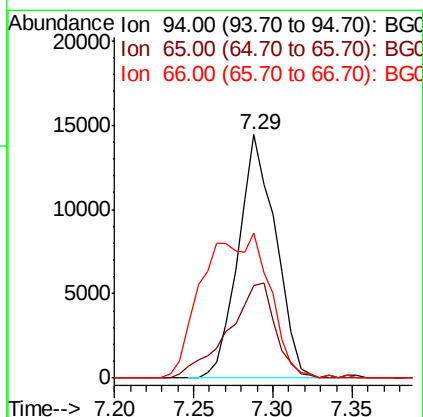
Tgt Ion: 94 Resp: 23663

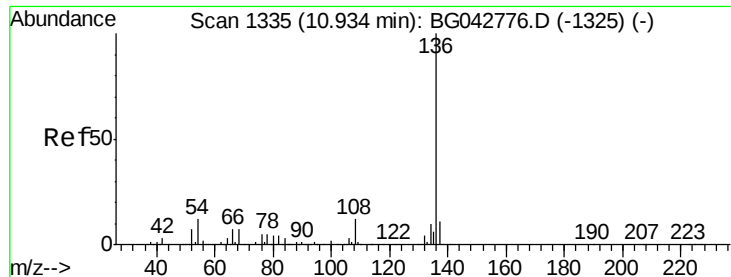
Ion Ratio Lower Upper

94 100

65 37.8 15.0 55.0

66 59.4 26.1 66.1

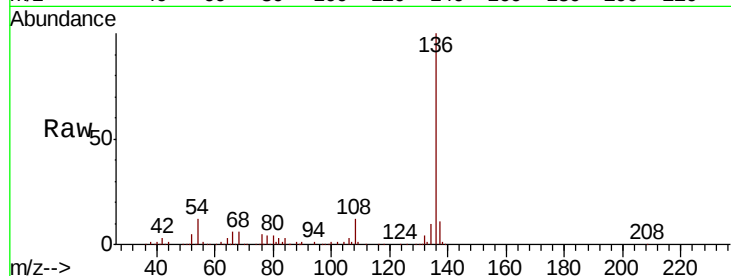




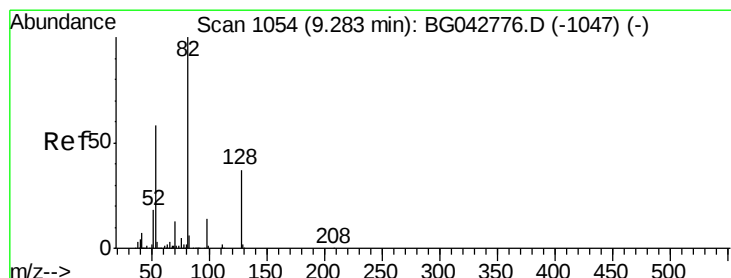
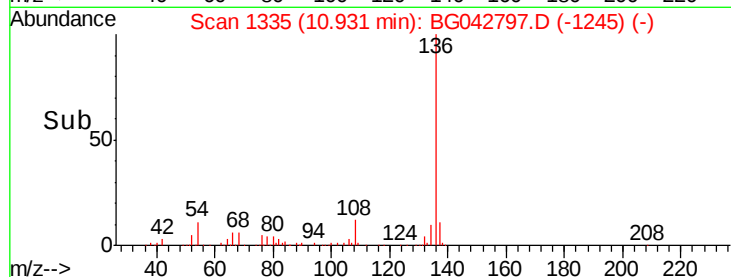
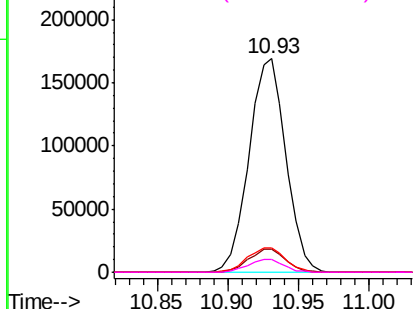
#21  
Naphthalene-d8  
Concen: 20.000 ng  
RT: 10.93 min Scan# 1335  
Delta R.T. -0.00 min  
Lab File: BG042797.D  
Acq: 13 Sep 2019 00:41

Instrument :  
BNA\_G  
ClientSampleId :  
SB-4-18-20

|             |       |             |
|-------------|-------|-------------|
| Tot Ion:136 | Resp: | 309820      |
| Ion         | Ratio | Lower Upper |
| 136         | 100   |             |
| 137         | 10.7  | 9.0 13.6    |
| 54          | 11.5  | 9.4 14.0    |
| 68          | 6.0   | 5.4 8.2     |

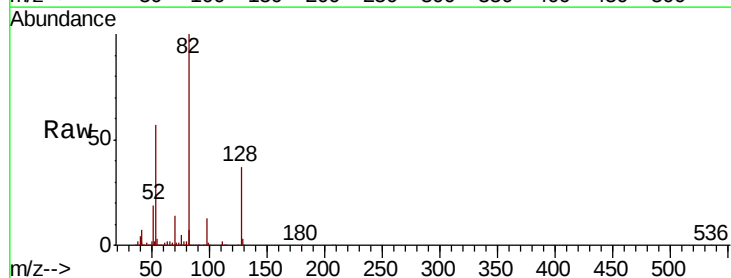


Abundance Ion 136.00 (135.70 to 136.70): E  
Ion 137.00 (136.70 to 137.70): E  
Ion 54.00 (53.70 to 54.70): BGC  
Ion 68.00 (67.70 to 68.70): BGC

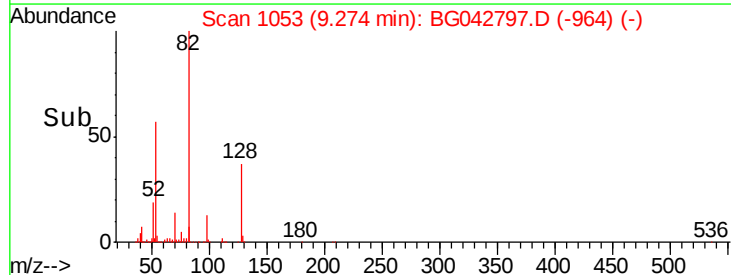
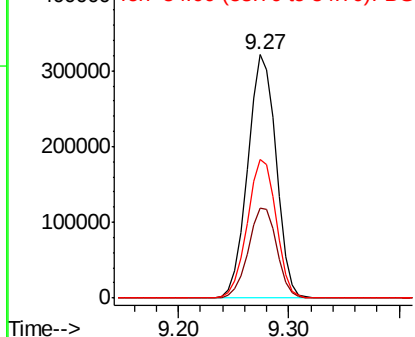


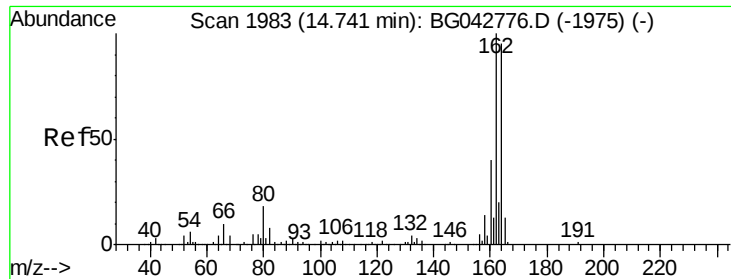
#23  
Nitrobenzene-d5  
Concen: 97.702 ng  
RT: 9.27 min Scan# 1053  
Delta R.T. -0.01 min  
Lab File: BG042797.D  
Acq: 13 Sep 2019 00:41

|             |       |             |
|-------------|-------|-------------|
| Tgt Ion: 82 | Resp: | 581420      |
| Ion         | Ratio | Lower Upper |
| 82          | 100   |             |
| 128         | 36.7  | 29.8 44.8   |
| 54          | 57.1  | 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

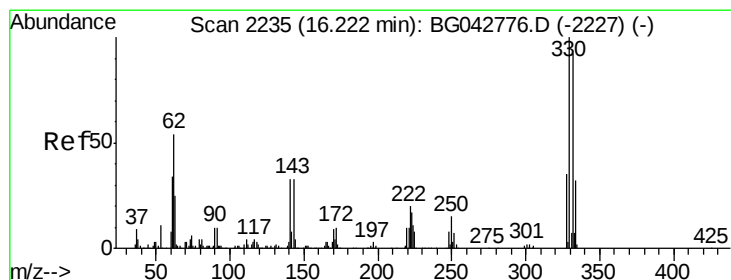
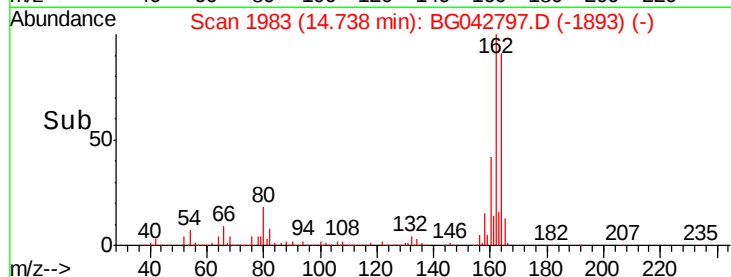
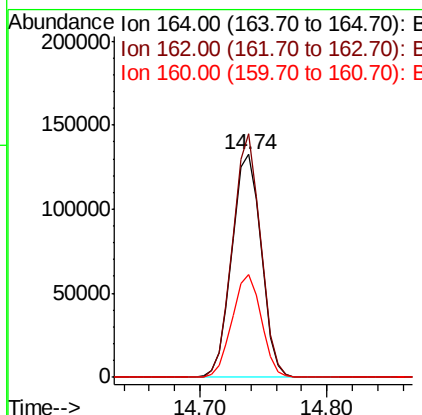
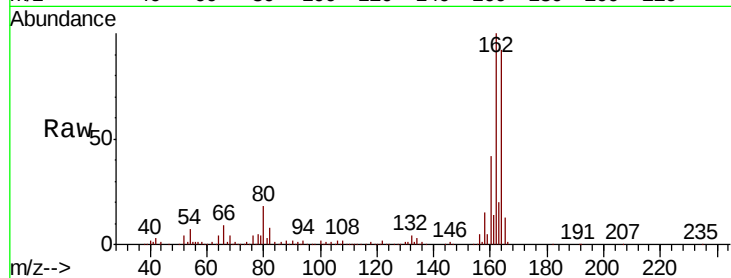




#39  
Acenaphthene-d10  
Concen: 20.000 ng  
RT: 14.74 min Scan# 1983  
Delta R.T. -0.00 min  
Lab File: BG042797.D  
Acq: 13 Sep 2019 00:41

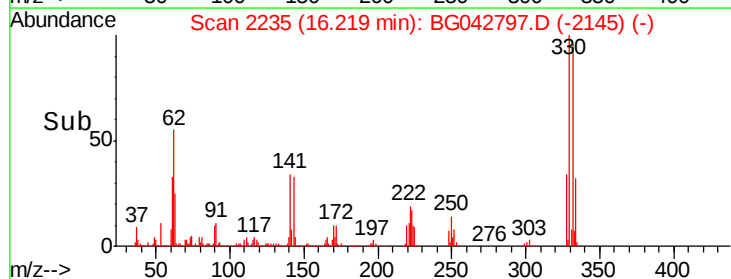
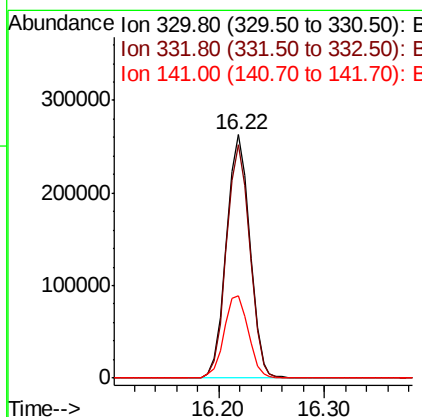
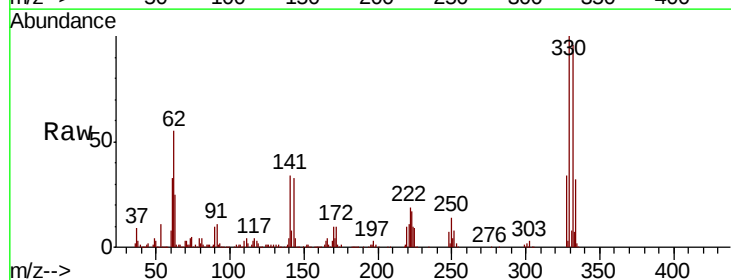
Instrument :  
BNA\_G  
ClientSampleId :  
SB-4-18-20

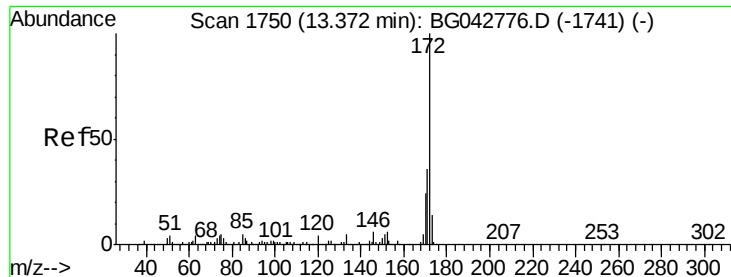
Tot Ion:164 Resp: 211822  
Ion Ratio Lower Upper  
164 100  
162 109.3 84.6 126.8  
160 46.4 34.2 51.2



#42  
2,4,6-Tribromophenol  
Concen: 143.498 ng  
RT: 16.22 min Scan# 2235  
Delta R.T. -0.00 min  
Lab File: BG042797.D  
Acq: 13 Sep 2019 00:41

Tgt Ion:330 Resp: 404396  
Ion Ratio Lower Upper  
330 100  
332 95.2 76.7 115.1  
141 35.3 27.0 40.6

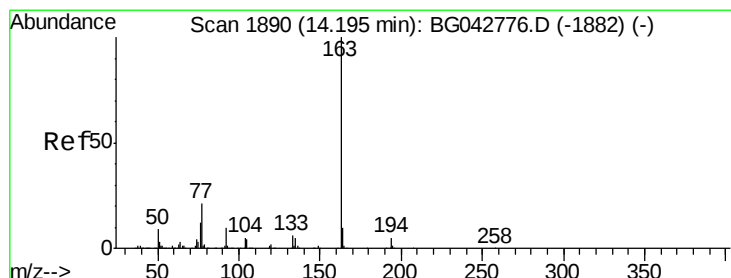
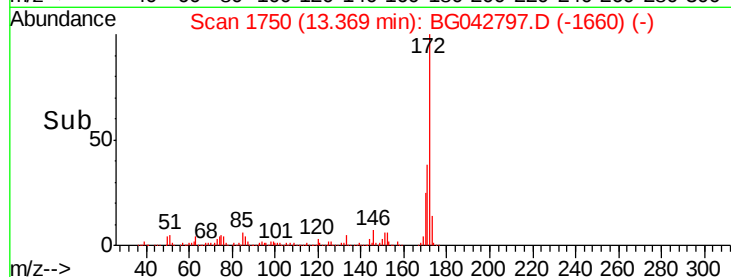
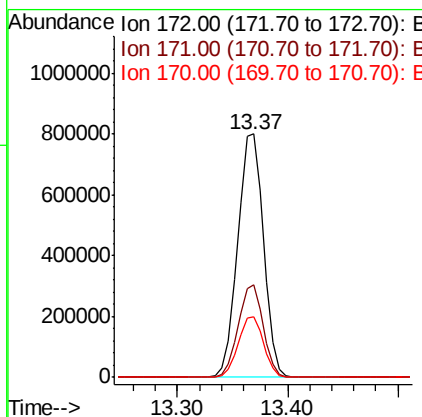
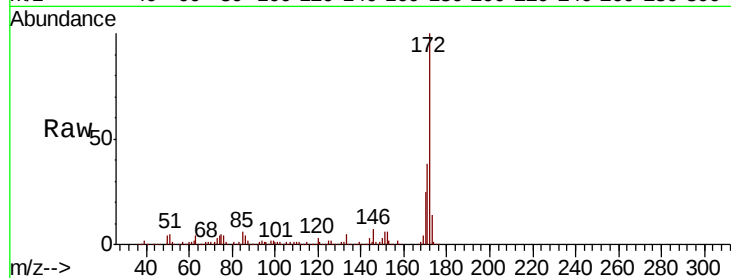




#45  
2-Fluorobiphenyl  
Concen: 98.150 ng  
RT: 13.37 min Scan# 1750  
Delta R.T. -0.00 min  
Lab File: BG042797.D  
Acq: 13 Sep 2019 00:41

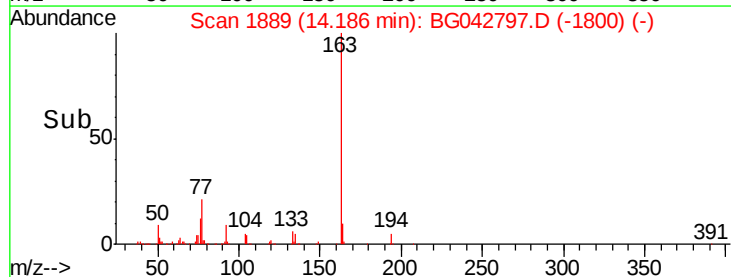
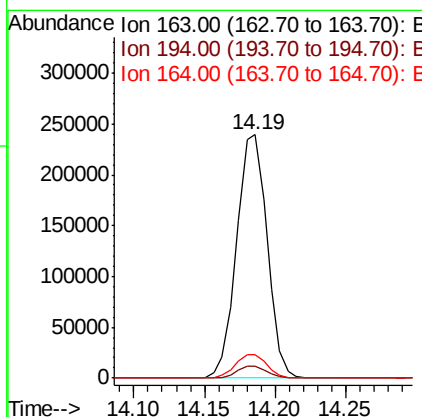
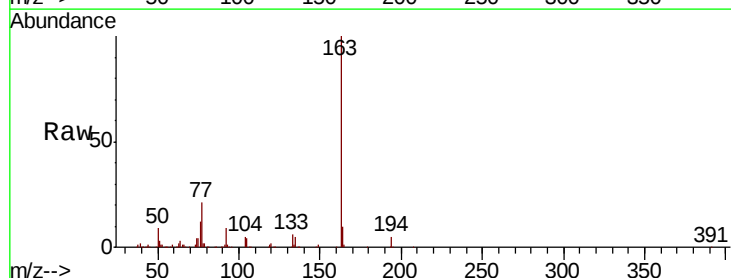
Instrument :  
BNA\_G  
ClientSampleId :  
SB-4-18-20

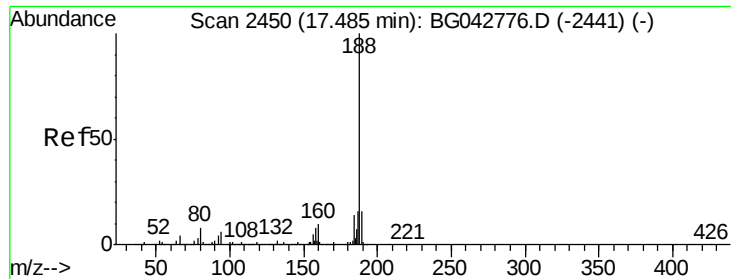
Tot Ion:172 Resp: 1313409  
Ion Ratio Lower Upper  
172 100  
171 38.2 28.9 43.3  
170 24.8 19.1 28.7



#50  
Dimethylphthalate  
Concen: 22.778 ng  
RT: 14.19 min Scan# 1889  
Delta R.T. -0.01 min  
Lab File: BG042797.D  
Acq: 13 Sep 2019 00:41

Tgt Ion:163 Resp: 361449  
Ion Ratio Lower Upper  
163 100  
194 5.0 4.2 6.4  
164 9.6 8.4 12.6

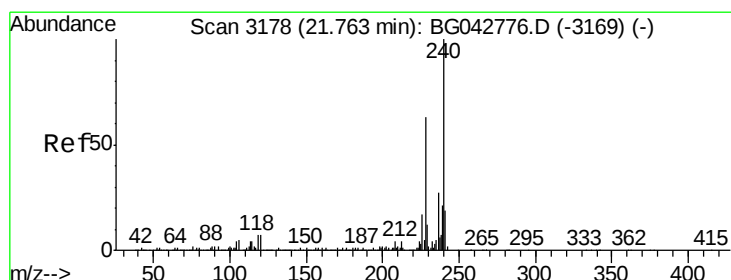
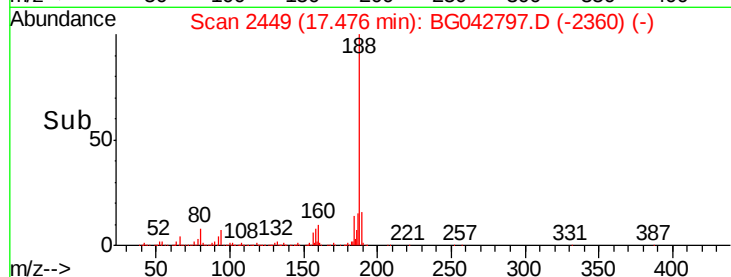
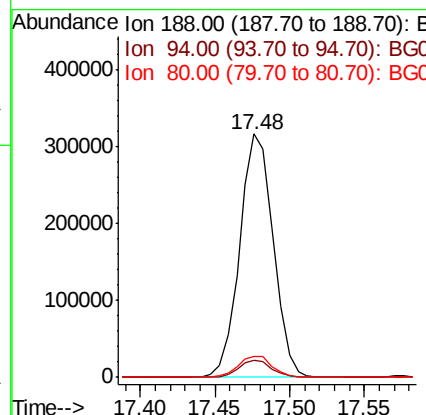
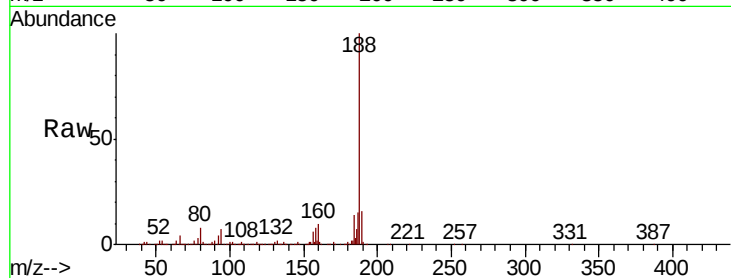




#64  
Phenanthrene-d10  
Concen: 20.000 ng  
RT: 17.48 min Scan# 2449  
Delta R.T. -0.01 min  
Lab File: BG042797.D  
Acq: 13 Sep 2019 00:41

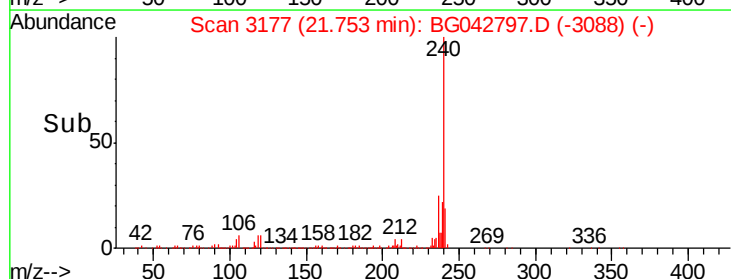
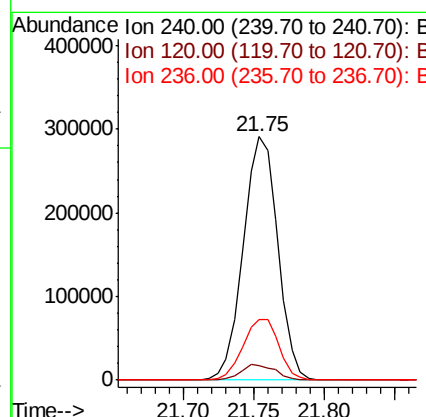
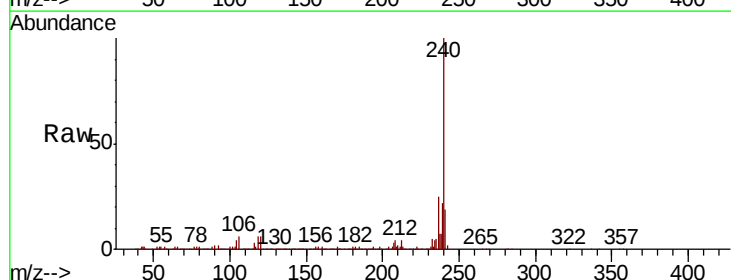
Instrument :  
BNA\_G  
ClientSampleId :  
SB-4-18-20

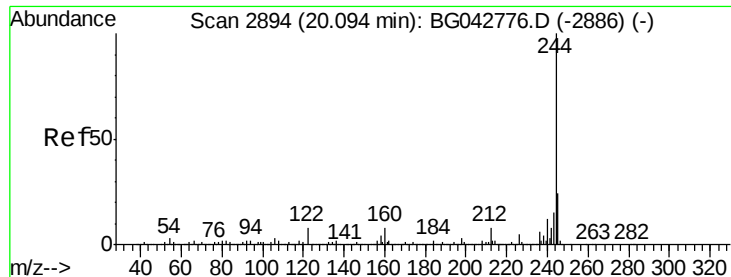
| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 188     | 100   |       |       |
| 94      | 6.9   | 4.8   | 7.2   |
| 80      | 8.4   | 6.6   | 9.8   |



#76  
Chrysene-d12  
Concen: 20.000 ng  
RT: 21.75 min Scan# 3177  
Delta R.T. -0.01 min  
Lab File: BG042797.D  
Acq: 13 Sep 2019 00:41

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 240     | 100   |       |       |
| 120     | 6.1   | 5.4   | 8.2   |
| 236     | 24.9  | 21.7  | 32.5  |





#79

Terphenyl-d14

Concen: 94.079 ng

RT: 20.08 min Scan# 2893

Delta R.T. -0.01 min

Lab File: BG042797.D

Acq: 13 Sep 2019 00:41

Instrument :

BNA\_G

ClientSampleId :

SB-4-18-20

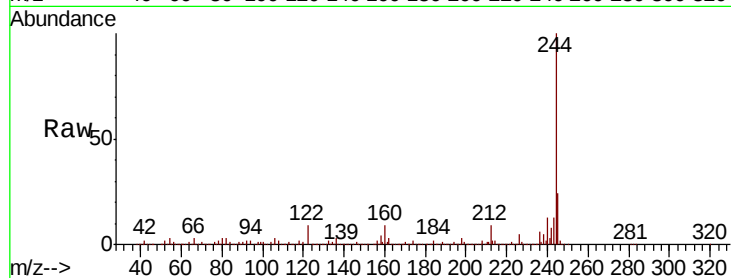
Tot Ion:244 Resp: 2115504

Ion Ratio Lower Upper

244 100

212 9.0 6.6 10.0

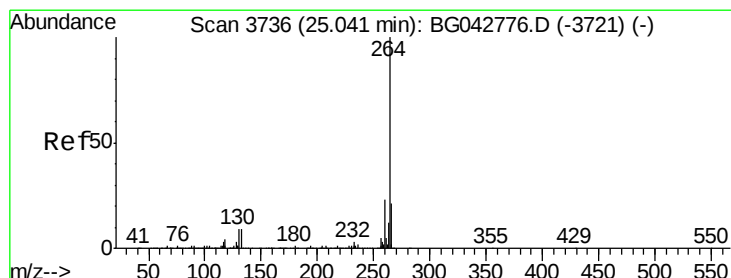
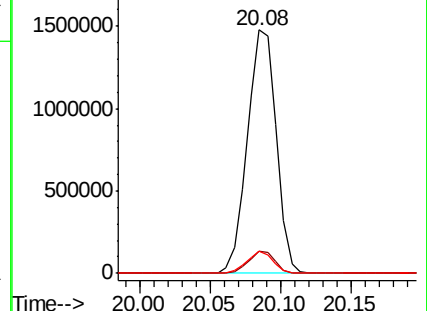
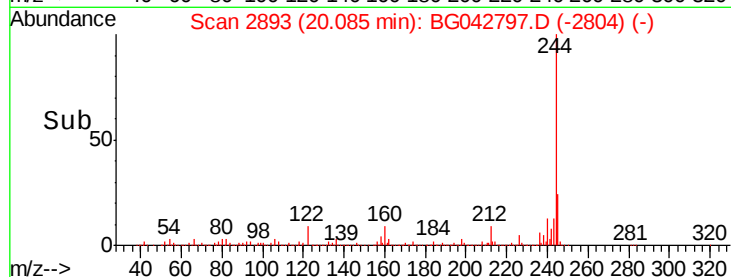
122 9.3 6.2 9.4



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: 25.03 min Scan# 3734

Delta R.T. -0.02 min

Lab File: BG042797.D

Acq: 13 Sep 2019 00:41

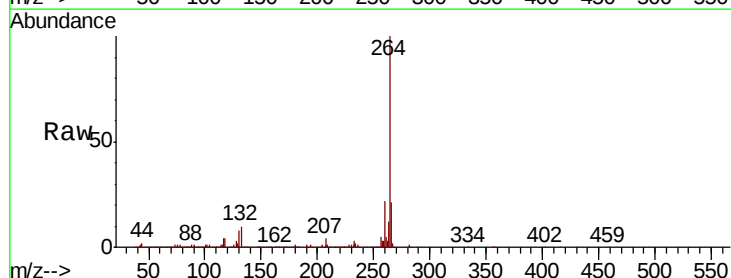
Tgt Ion:264 Resp: 547419

Ion Ratio Lower Upper

264 100

260 22.2 18.2 27.2

265 20.8 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

