

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG102819\  
 Data File : BG043359.D  
 Acq On : 28 Oct 2019 20:52  
 Operator : JU  
 Sample : K5539-01  
 Misc :  
 ALS Vial : 11 Sample Multiplier: 1

Instrument :  
 BNA\_G  
 ClientSampleId :  
 160-62-(0-1)

Quant Time: Oct 29 13:39:02 2019  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG102119.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Mon Oct 21 16:37:43 2019  
 Response via : Initial Calibration

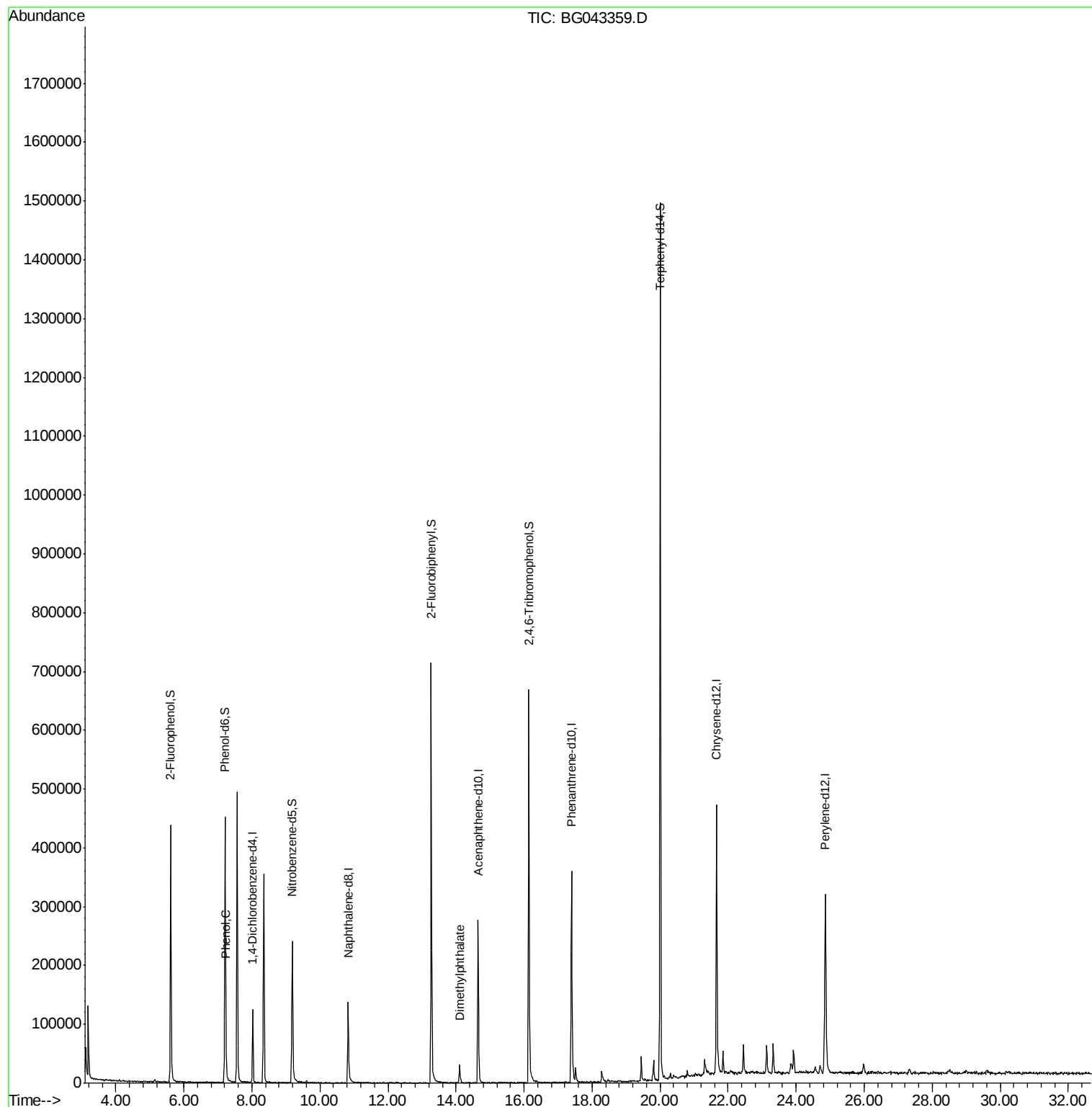
| Internal Standards          | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|-----------------------------|-------|------|----------|-------|-------|----------|
| 1) 1,4-Dichlorobenzene-d4   | 8.02  | 152  | 40080    | 20.00 | ng    | 0.00     |
| 21) Naphthalene-d8          | 10.83 | 136  | 136630   | 20.00 | ng    | 0.00     |
| 39) Acenaphthene-d10        | 14.65 | 164  | 109491   | 20.00 | ng    | 0.00     |
| 64) Phenanthrene-d10        | 17.40 | 188  | 263729   | 20.00 | ng    | 0.00     |
| 76) Chrysene-d12            | 21.66 | 240  | 300401   | 20.00 | ng    | 0.00     |
| 87) Perylene-d12            | 24.85 | 264  | 349198   | 20.00 | ng    | -0.02    |
| System Monitoring Compounds |       |      |          |       |       |          |
| 5) 2-Fluorophenol           | 5.61  | 112  | 207459   | 94.85 | ng    | 0.00     |
| 7) Phenol-d6                | 7.21  | 99   | 298472   | 94.85 | ng    | 0.01     |
| 23) Nitrobenzene-d5         | 9.18  | 82   | 168233   | 63.48 | ng    | 0.00     |
| 42) 2,4,6-Tribromophenol    | 16.14 | 330  | 177831   | 85.35 | ng    | 0.00     |
| 45) 2-Fluorobiphenyl        | 13.27 | 172  | 436593   | 55.10 | ng    | 0.00     |
| 79) Terphenyl-d14           | 20.00 | 244  | 848867   | 53.01 | ng    | -0.01    |
| Target Compounds            |       |      |          |       |       |          |
| 10) Phenol                  | 7.24  | 94   | 10387    | 3.612 | ng    | 76       |
| 50) Dimethylphthalate       | 14.11 | 163  | 30977    | 3.653 | ng    | # 94     |

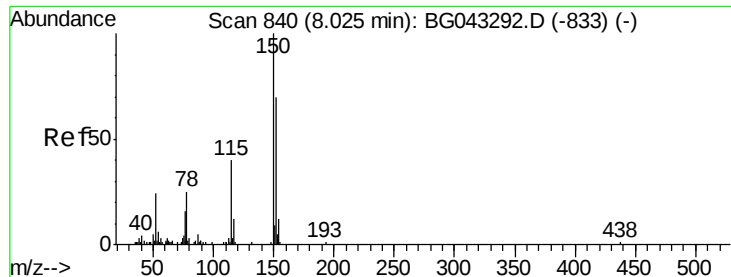
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG102819\  
Data File : BG043359.D  
Acq On : 28 Oct 2019 20:52  
Operator : JU  
Sample : K5539-01  
Misc :  
ALS Vial : 11 Sample Multiplier: 1

Instrument :  
BNA\_G  
ClientSampleId :  
160-62-(0-1)

Quant Time: Oct 29 13:39:02 2019  
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG102119.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
QLast Update : Mon Oct 21 16:37:43 2019  
Response via : Initial Calibration



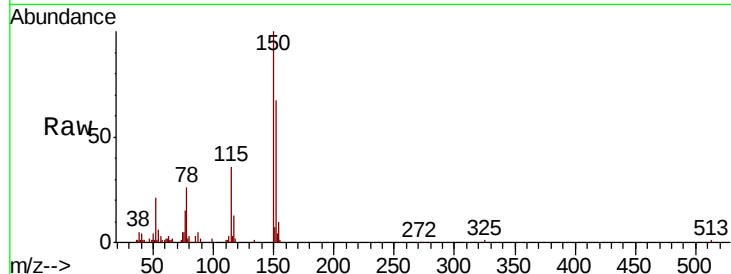


#1

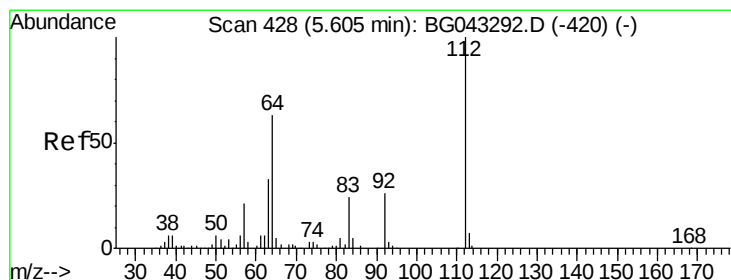
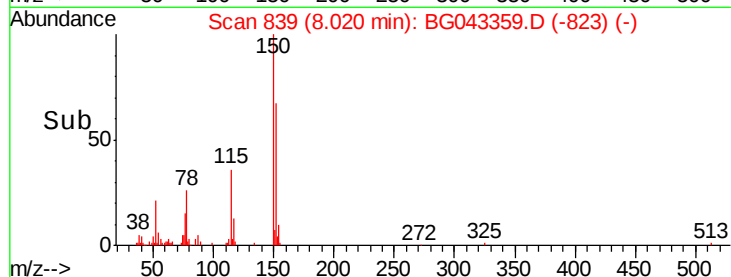
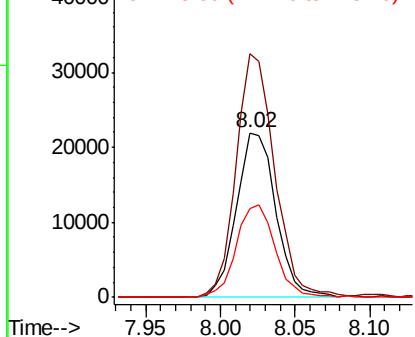
1,4-Dichlorobenzene-d4  
Concen: 20.000 ng  
RT: 8.02 min Scan# 839  
Delta R.T. -0.01 min  
Lab File: BG043359.D  
Acq: 28 Oct 2019 20:52

Instrument :  
BNA\_G  
ClientSampleId :  
160-62-(0-1)

Tot Ion:152 Resp: 40080  
Ion Ratio Lower Upper  
152 100  
150 148.2 113.6 170.4  
115 54.0 45.9 68.9



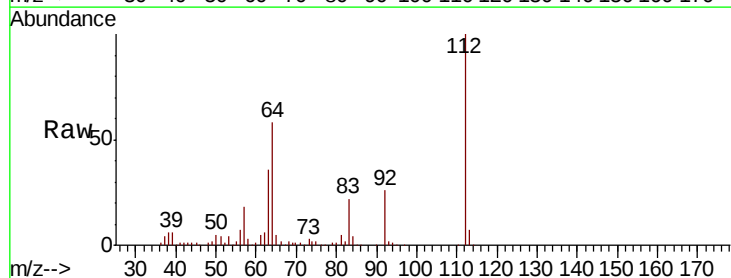
Abundance Ion 152.00 (151.70 to 152.70): E  
Ion 150.00 (149.70 to 150.70): E  
Ion 115.00 (114.70 to 115.70): E



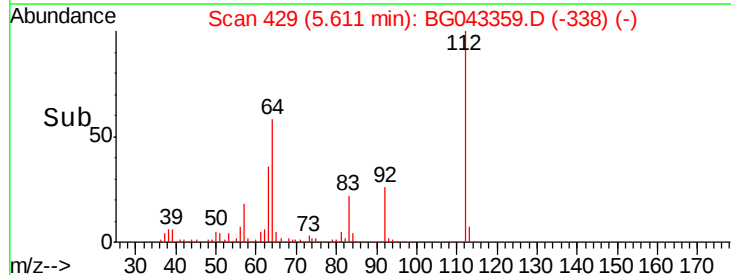
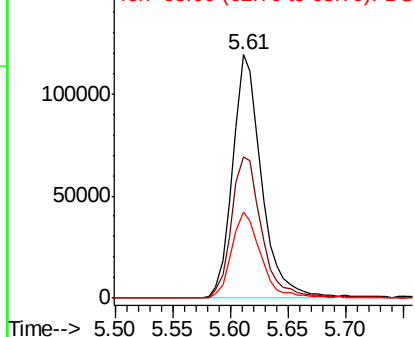
#5

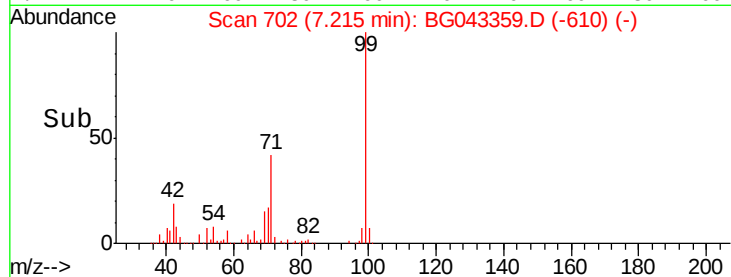
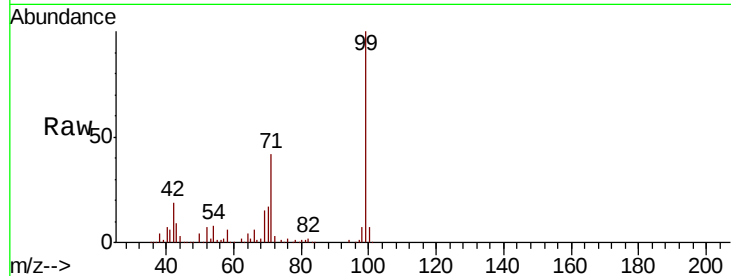
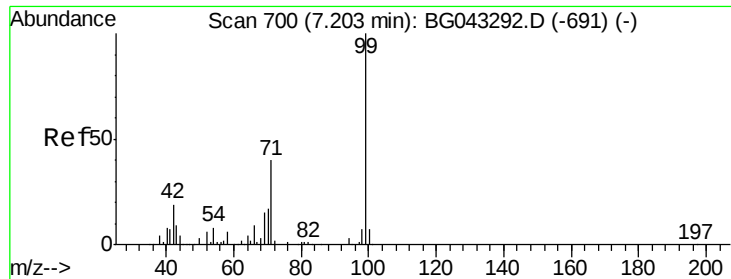
2-Fluorophenol  
Concen: 94.850 ng  
RT: 5.61 min Scan# 429  
Delta R.T. 0.01 min  
Lab File: BG043359.D  
Acq: 28 Oct 2019 20:52

Tgt Ion:112 Resp: 207459  
Ion Ratio Lower Upper  
112 100  
64 58.2 50.2 75.2  
63 35.6 26.7 40.1



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: 94.846 ng

RT: 7.21 min Scan# 702

Delta R.T. 0.01 min

Lab File: BG043359.D

Acq: 28 Oct 2019 20:52

Instrument :

BNA\_G

ClientSampleId :

160-62-(0-1)

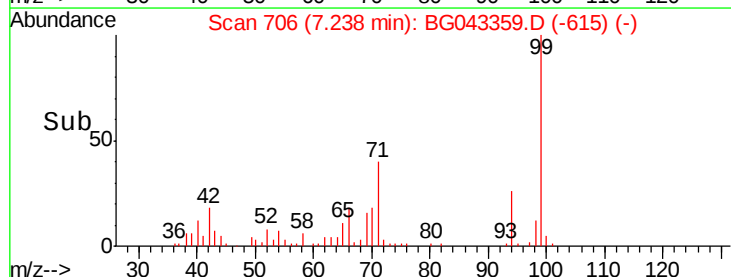
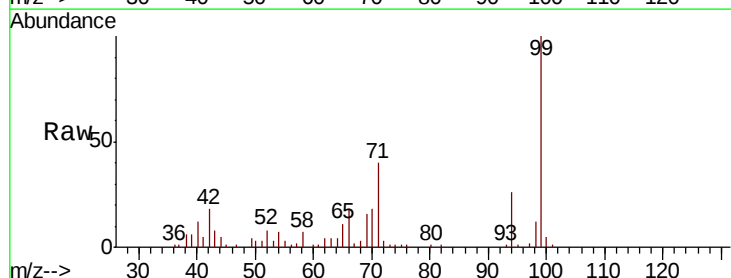
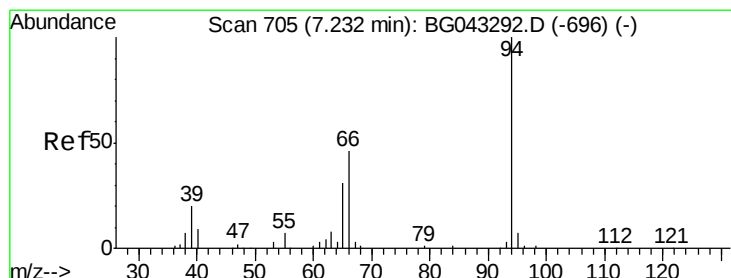
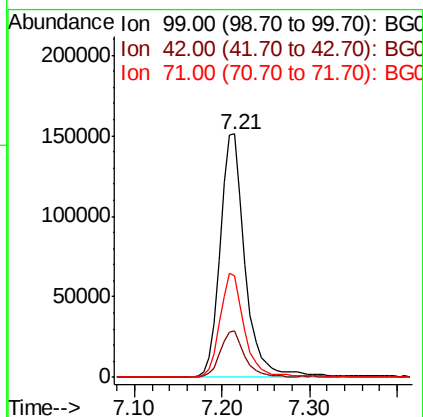
Tot Ion: 99 Resp: 298472

Ion Ratio Lower Upper

99 100

42 19.2 14.9 22.3

71 41.6 32.2 48.2



#10

Phenol

Concen: 3.612 ng

RT: 7.24 min Scan# 706

Delta R.T. 0.01 min

Lab File: BG043359.D

Acq: 28 Oct 2019 20:52

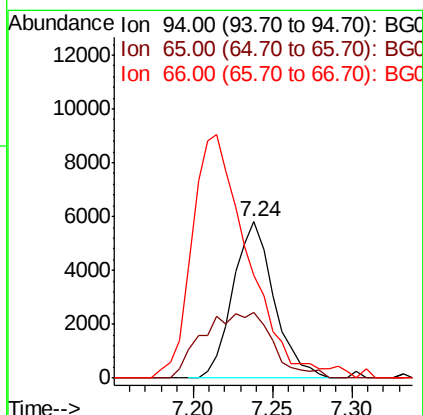
Tgt Ion: 94 Resp: 10387

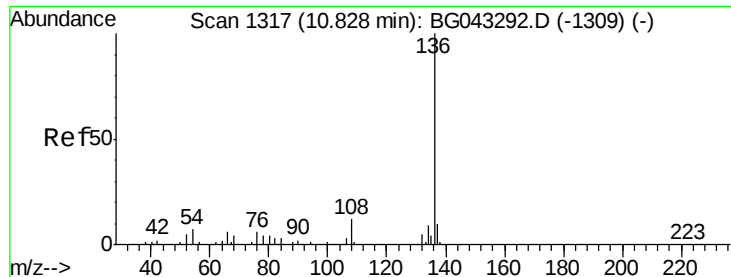
Ion Ratio Lower Upper

94 100

65 41.9 11.1 51.1

66 66.2 27.8 67.8

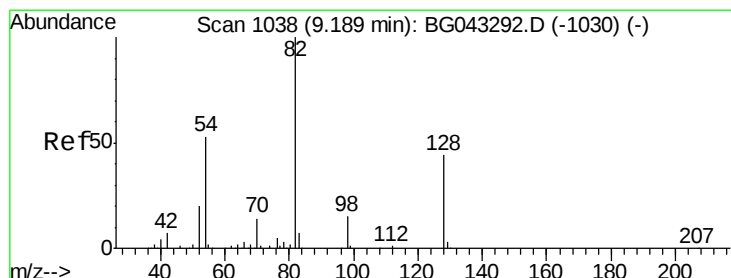
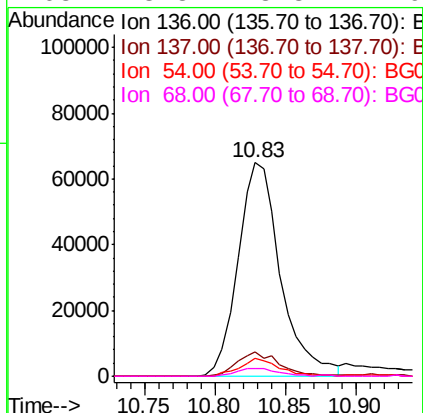
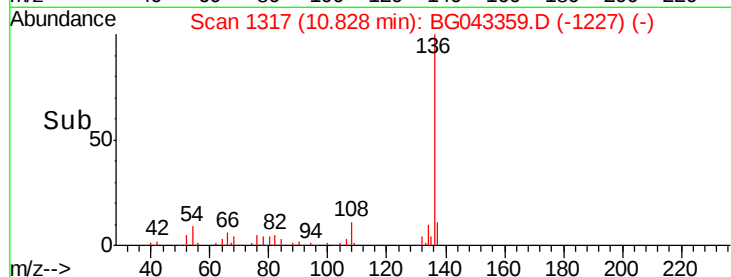
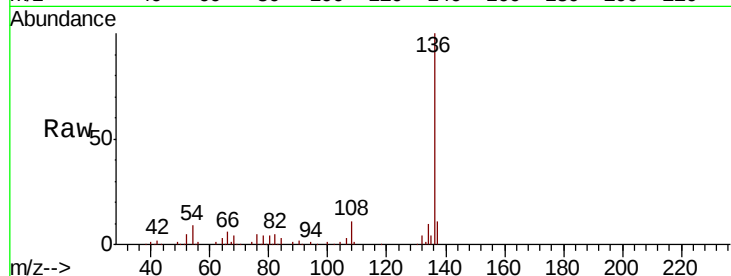




#21  
Naphthalene-d8  
Concen: 20.000 ng  
RT: 10.83 min Scan# 1317  
Delta R.T. 0.00 min  
Lab File: BG043359.D  
Acq: 28 Oct 2019 20:52

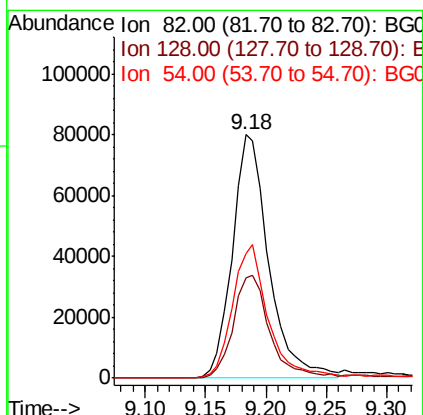
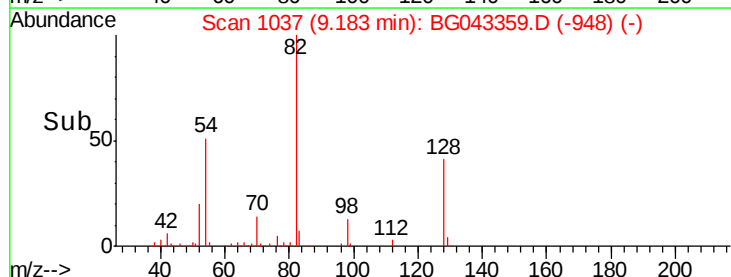
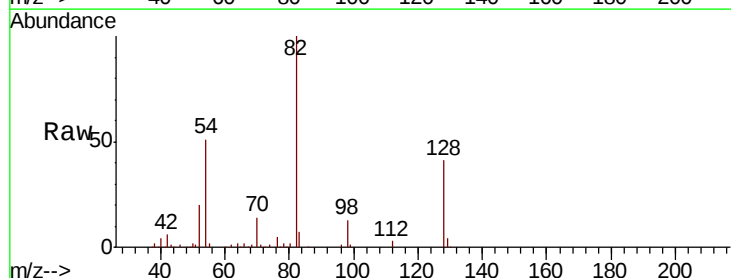
Instrument :  
BNA\_G  
ClientSampleId :  
160-62-(0-1)

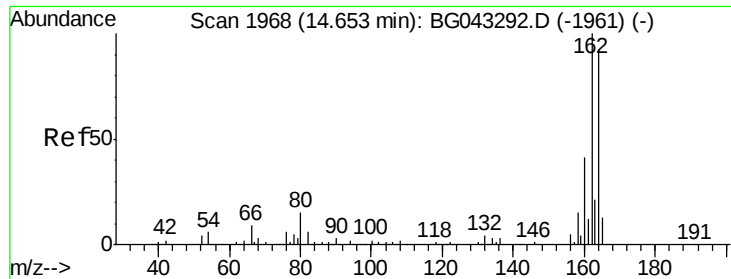
|             |       |          |
|-------------|-------|----------|
| Tot Ion:136 | Resp: | 136630   |
| Ion Ratio   | Lower | Upper    |
| 136         | 100   |          |
| 137         | 11.4  | 8.2 12.2 |
| 54          | 8.6   | 5.4 8.2# |
| 68          | 3.8   | 3.3 4.9  |



#23  
Nitrobenzene-d5  
Concen: 63.479 ng  
RT: 9.18 min Scan# 1037  
Delta R.T. -0.01 min  
Lab File: BG043359.D  
Acq: 28 Oct 2019 20:52

|             |       |           |
|-------------|-------|-----------|
| Tgt Ion: 82 | Resp: | 168233    |
| Ion Ratio   | Lower | Upper     |
| 82          | 100   |           |
| 128         | 41.1  | 35.3 52.9 |
| 54          | 51.1  | 42.3 63.5 |





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.65 min Scan# 1967

Delta R.T. -0.01 min

Lab File: BG043359.D

Acq: 28 Oct 2019 20:52

Instrument :

BNA\_G

ClientSampleId :

160-62-(0-1)

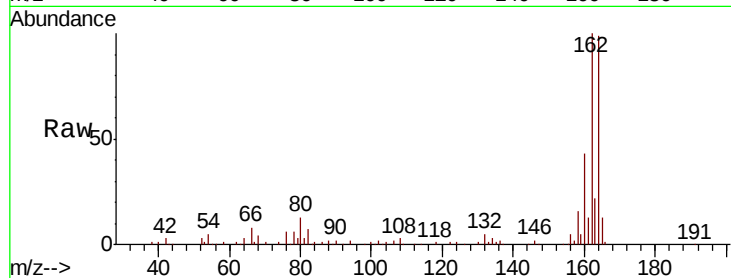
Tot Ion:164 Resp: 109491

Ion Ratio Lower Upper

164 100

162 100.9 87.0 130.4

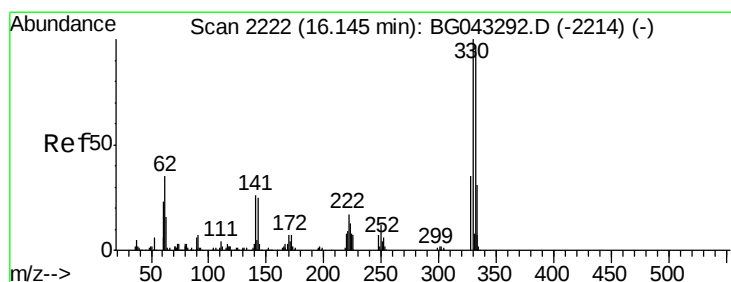
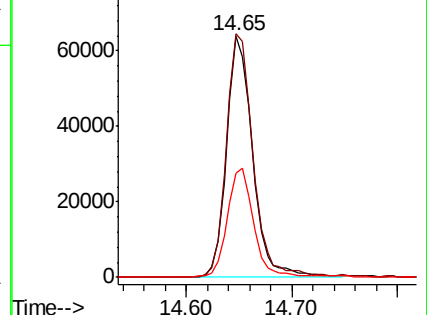
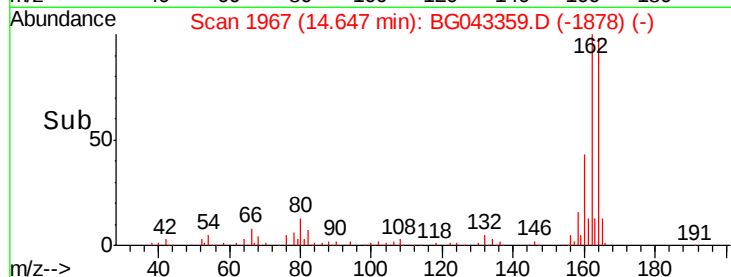
160 43.0 35.5 53.3



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: 85.347 ng

RT: 16.14 min Scan# 2221

Delta R.T. -0.01 min

Lab File: BG043359.D

Acq: 28 Oct 2019 20:52

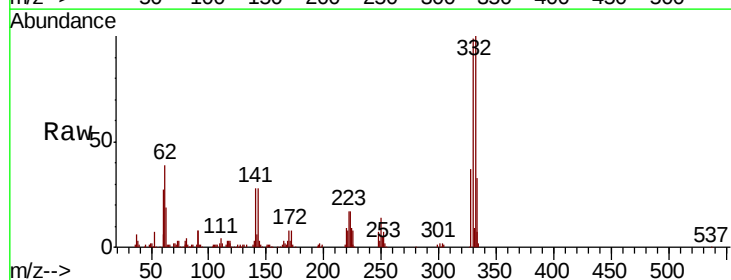
Tgt Ion:330 Resp: 177831

Ion Ratio Lower Upper

330 100

332 96.0 76.4 114.6

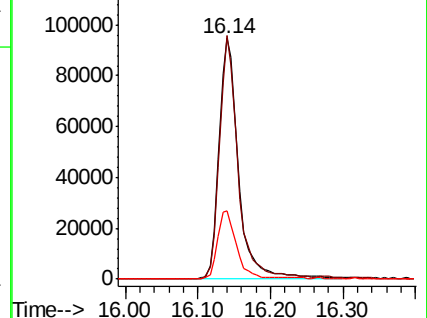
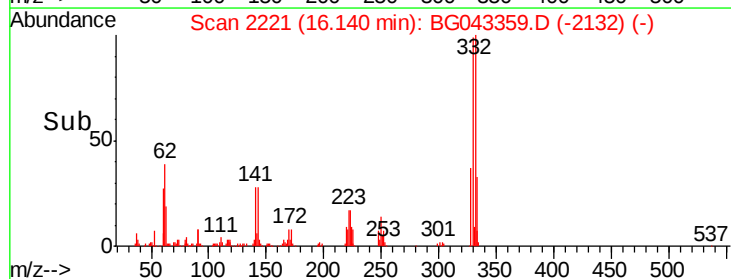
141 28.2 21.4 32.0

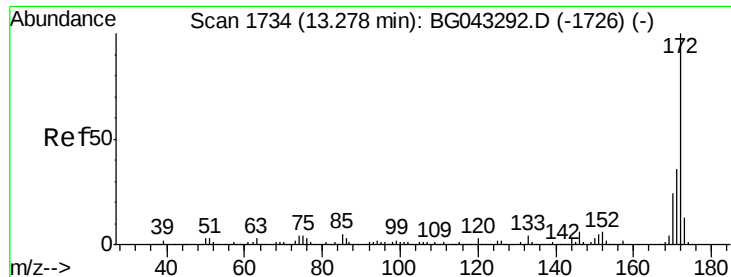


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

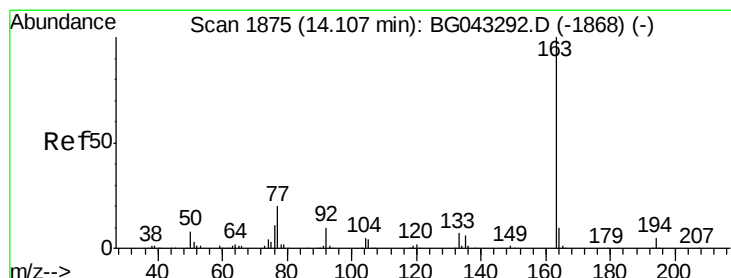
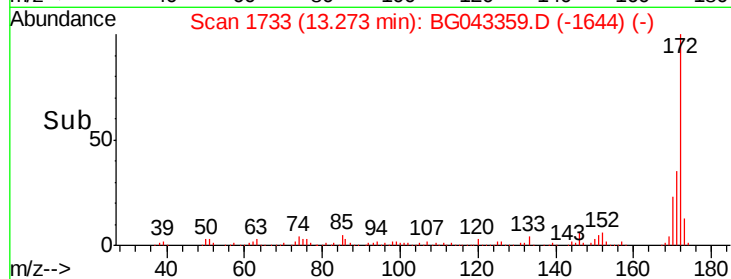
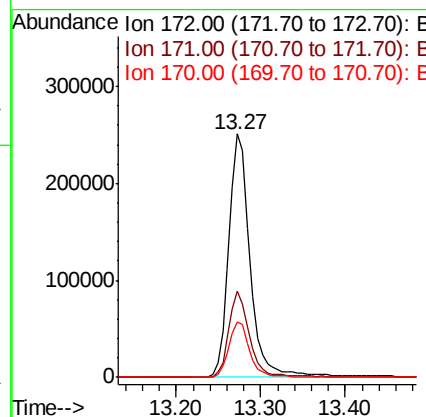
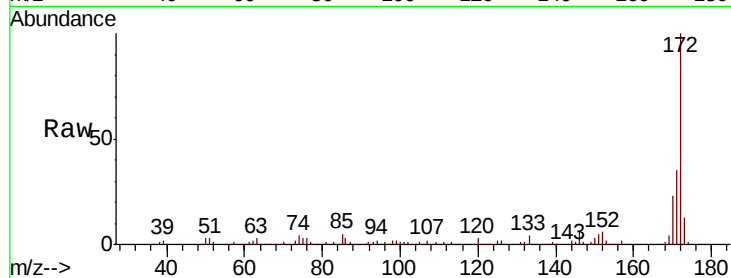




#45  
 2-Fluorobiphenyl  
 Concen: 55.099 ng  
 RT: 13.27 min Scan# 1733  
 Delta R.T. -0.01 min  
 Lab File: BG043359.D  
 Acq: 28 Oct 2019 20:52

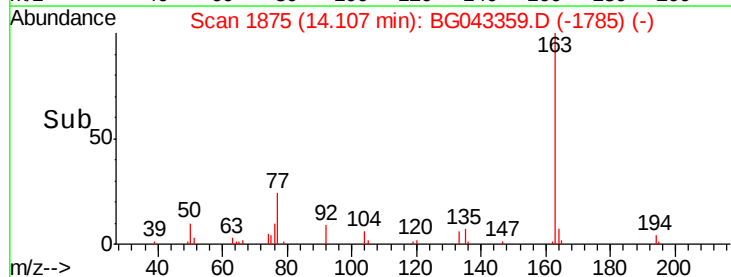
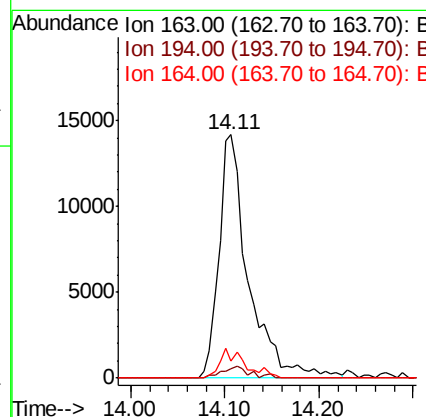
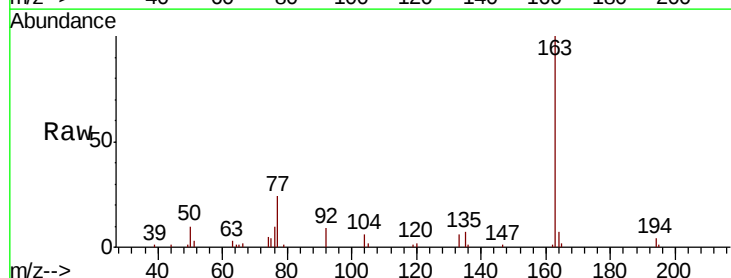
Instrument :  
 BNA\_G  
 ClientSampleId :  
 160-62-(0-1)

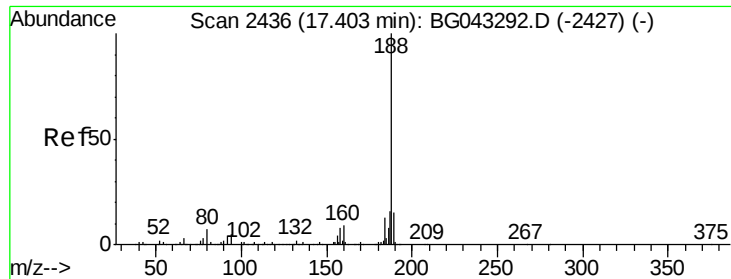
| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 172     | 100   |       |       |
| 171     | 35.1  | 28.5  | 42.7  |
| 170     | 22.8  | 18.8  | 28.2  |



#50  
 Dimethylphthalate  
 Concen: 3.653 ng  
 RT: 14.11 min Scan# 1875  
 Delta R.T. 0.00 min  
 Lab File: BG043359.D  
 Acq: 28 Oct 2019 20:52

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 163     | 100   |       |       |
| 194     | 3.9   | 3.7   | 5.5   |
| 164     | 7.1   | 8.1   | 12.1# |

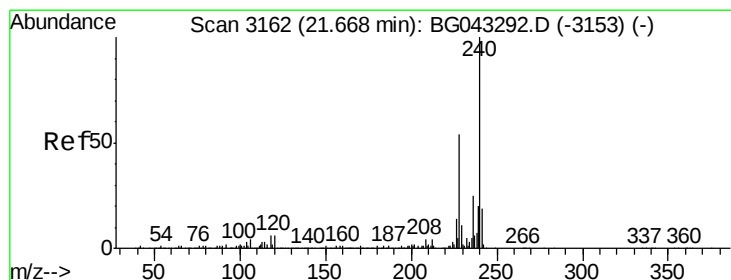
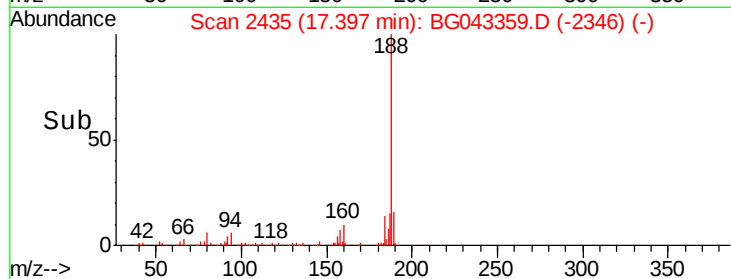
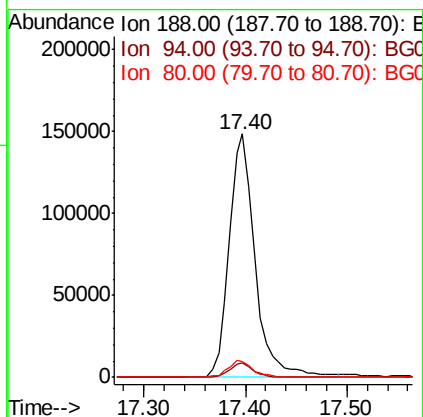
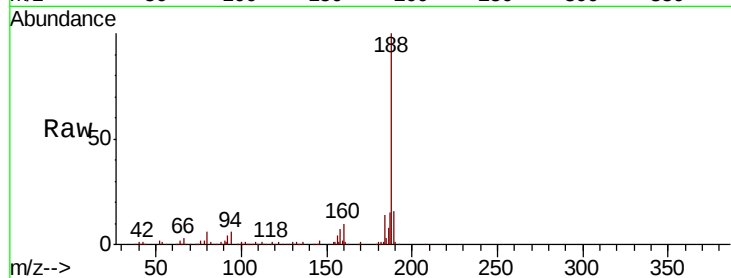




#64  
Phenanthrene-d10  
Concen: 20.000 ng  
RT: 17.40 min Scan# 2435  
Delta R.T. -0.01 min  
Lab File: BG043359.D  
Acq: 28 Oct 2019 20:52

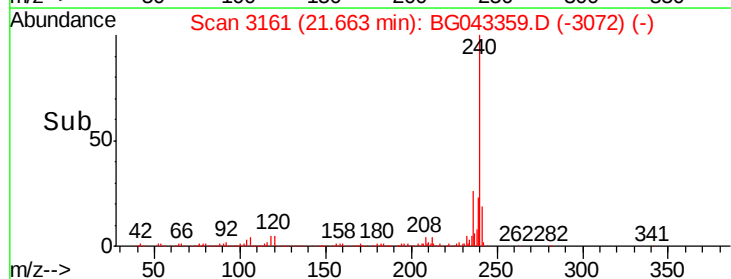
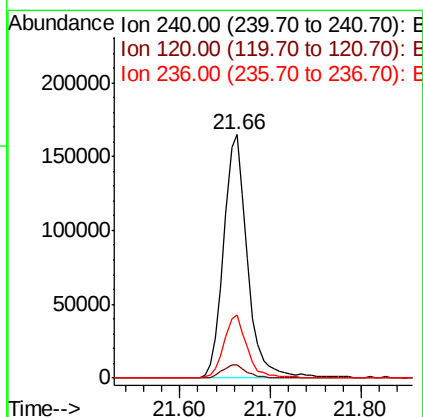
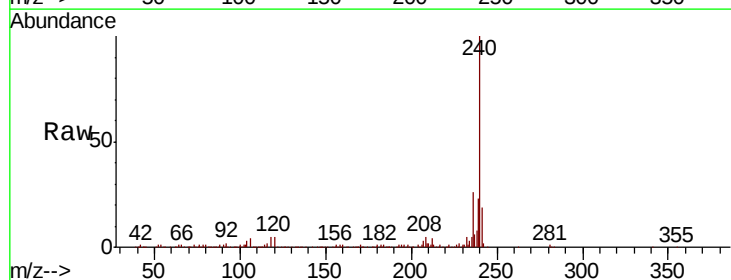
Instrument :  
BNA\_G  
ClientSampleId :  
160-62-(0-1)

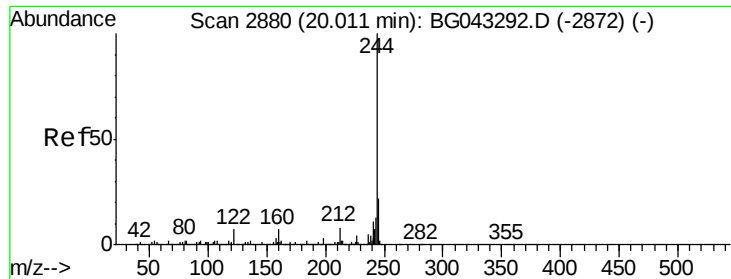
| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 188     | 100   |       |       |
| 94      | 5.8   | 4.2   | 6.2   |
| 80      | 6.4   | 5.2   | 7.8   |



#76  
Chrysene-d12  
Concen: 20.000 ng  
RT: 21.66 min Scan# 3161  
Delta R.T. -0.01 min  
Lab File: BG043359.D  
Acq: 28 Oct 2019 20:52

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 240     | 100   |       |       |
| 120     | 5.3   | 4.6   | 7.0   |
| 236     | 26.1  | 20.2  | 30.4  |





#79

Terphenyl-d14

Concen: 53.013 ng

RT: 20.00 min Scan# 2878

Delta R.T. -0.01 min

Lab File: BG043359.D

Acq: 28 Oct 2019 20:52

Instrument :

BNA\_G

ClientSampleId :

160-62-(0-1)

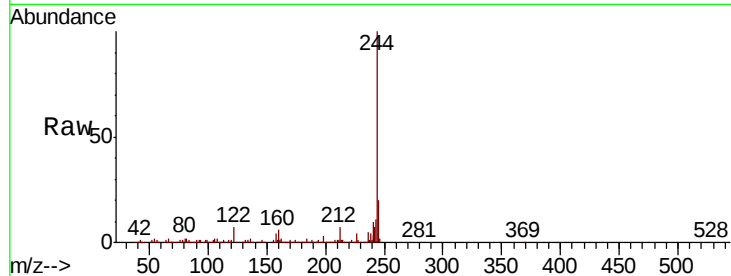
Tot Ion:244 Resp: 848867

Ion Ratio Lower Upper

244 100

212 7.3 6.4 9.6

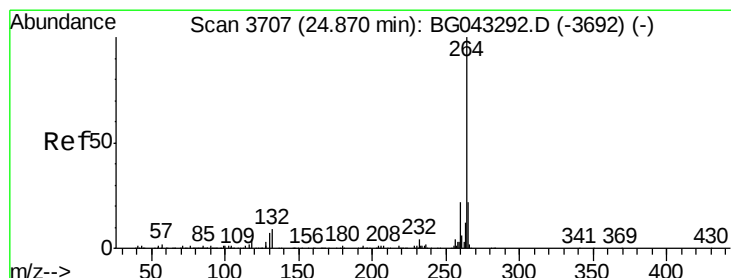
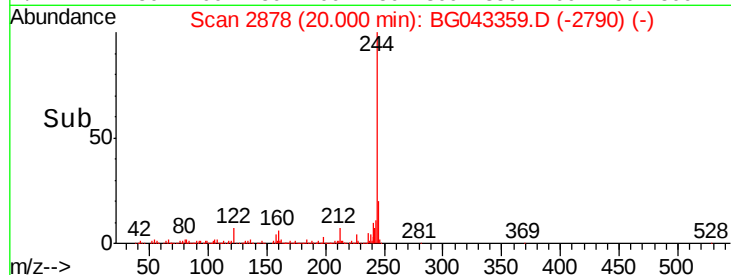
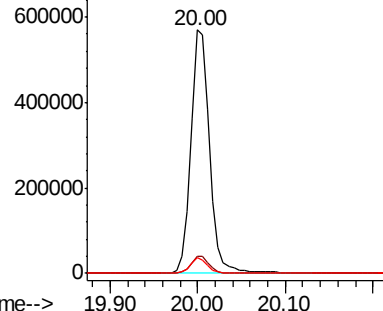
122 6.7 5.3 7.9



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: 24.85 min Scan# 3704

Delta R.T. -0.02 min

Lab File: BG043359.D

Acq: 28 Oct 2019 20:52

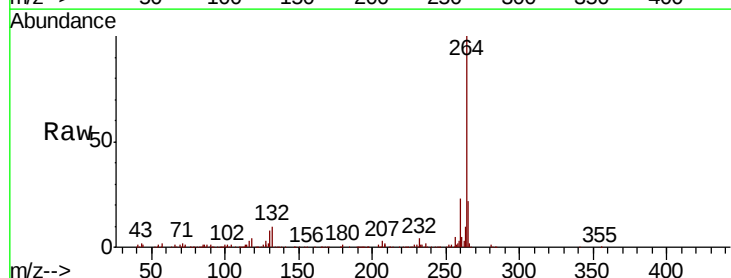
Tgt Ion:264 Resp: 349198

Ion Ratio Lower Upper

264 100

260 23.4 17.9 26.9

265 22.0 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

