

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG111519\  
 Data File : BG043667.D  
 Acq On : 16 Nov 2019 1:43  
 Operator : JU  
 Sample : K5828-01  
 Misc :  
 ALS Vial : 15 Sample Multiplier: 1

Instrument :  
 BNA\_G  
 ClientSampleId :  
 GE-MW-58-1D

Quant Time: Nov 16 05:29:37 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

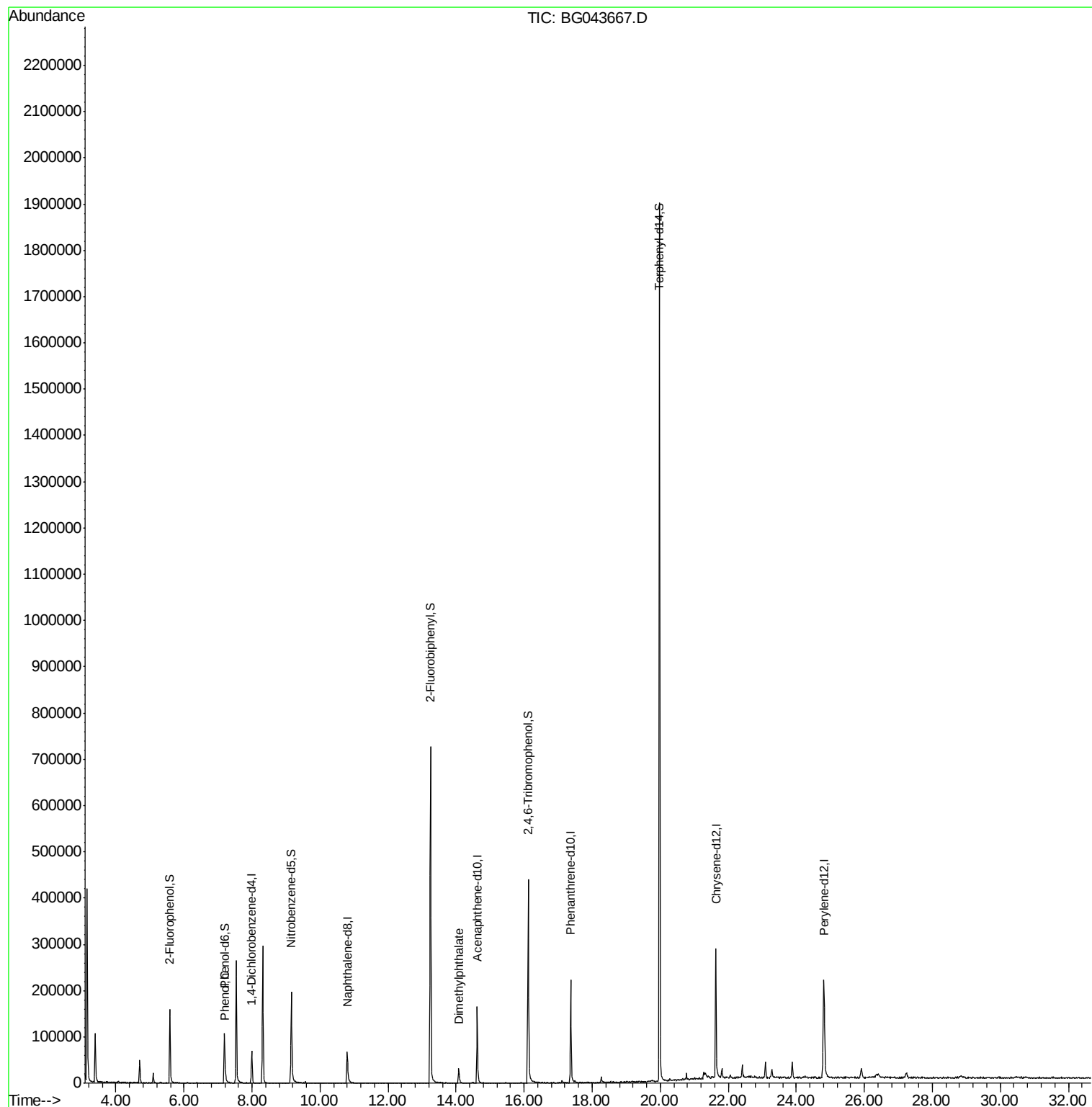
| Internal Standards          | R.T.  | QIon | Response | Conc  | Units | Dev(Min)  |
|-----------------------------|-------|------|----------|-------|-------|-----------|
| 1) 1,4-Dichlorobenzene-d4   | 7.99  | 152  | 23097    | 20.00 | ng    | -0.02     |
| 21) Naphthalene-d8          | 10.80 | 136  | 83055    | 20.00 | ng    | -0.01     |
| 39) Acenaphthene-d10        | 14.62 | 164  | 67604    | 20.00 | ng    | -0.02     |
| 64) Phenanthrene-d10        | 17.37 | 188  | 177011   | 20.00 | ng    | -0.02     |
| 76) Chrysene-d12            | 21.64 | 240  | 197966   | 20.00 | ng    | -0.02     |
| 87) Perylene-d12            | 24.81 | 264  | 235247   | 20.00 | ng    | -0.04     |
| System Monitoring Compounds |       |      |          |       |       |           |
| 5) 2-Fluorophenol           | 5.58  | 112  | 78902    | 62.60 | ng    | 0.00      |
| 7) Phenol-d6                | 7.19  | 99   | 73828    | 40.71 | ng    | 0.00      |
| 23) Nitrobenzene-d5         | 9.16  | 82   | 144219   | 89.52 | ng    | -0.02     |
| 42) 2,4,6-Tribromophenol    | 16.12 | 330  | 116325   | 90.42 | ng    | -0.01     |
| 45) 2-Fluorobiphenyl        | 13.25 | 172  | 439697   | 89.87 | ng    | -0.02     |
| 79) Terphenyl-d14           | 19.98 | 244  | 1000124  | 94.78 | ng    | -0.02     |
| Target Compounds            |       |      |          |       |       |           |
| 10) Phenol                  | 7.22  | 94   | 8934     | 5.391 | ng    | Qvalue 93 |
| 50) Dimethylphthalate       | 14.07 | 163  | 29067    | 5.551 | ng    | # 97      |

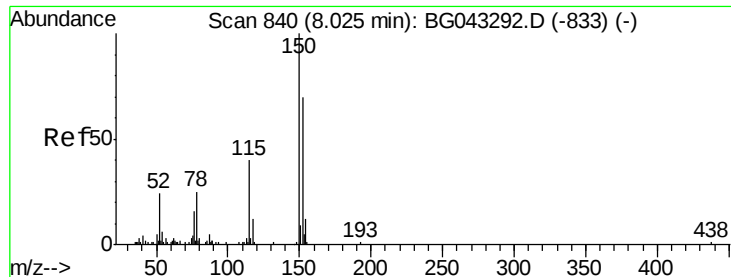
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG111519\  
Data File : BG043667.D  
Acq On : 16 Nov 2019 1:43  
Operator : JU  
Sample : K5828-01  
Misc :  
ALS Vial : 15 Sample Multiplier: 1

Instrument :  
BNA\_G  
ClientSampleId :  
GE-MW-58-1D

Quant Time: Nov 16 05:29:37 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



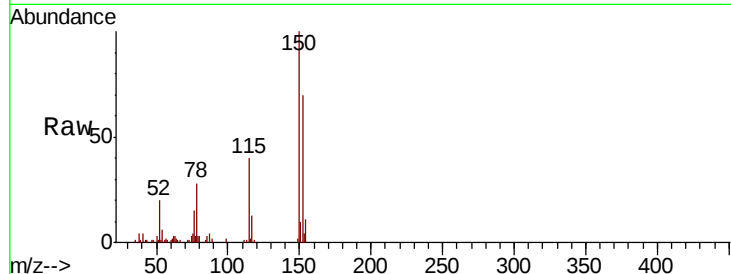


#1

1,4-Dichlorobenzene-d4  
Concen: 20.000 ng  
RT: 7.99 min Scan# 834  
Delta R.T. -0.02 min  
Lab File: BG043667.D  
Acq: 16 Nov 2019 1:43

Instrument :  
BNA\_G  
ClientSampleId :  
GE-MW-58-1D

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 152     | 100   |       |       |
| 150     | 142.3 | 129.4 | 194.0 |
| 115     | 56.8  | 48.8  | 73.2  |

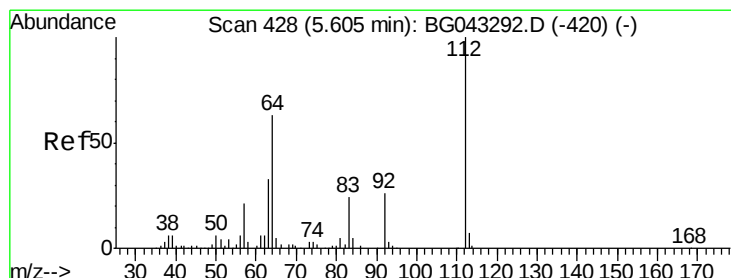
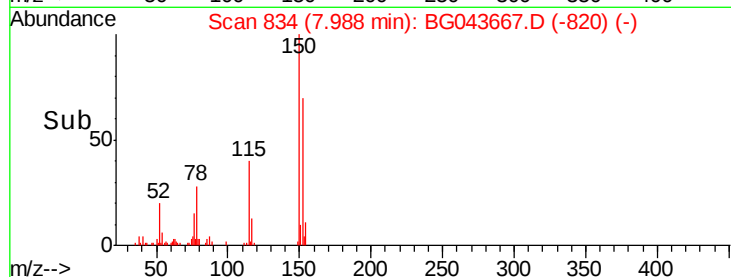
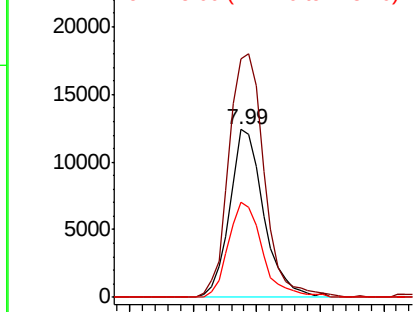


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

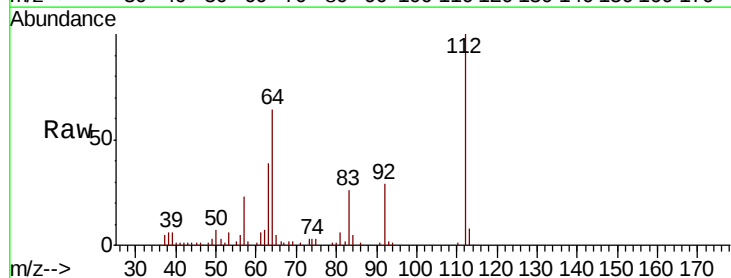
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol  
Concen: 62.598 ng  
RT: 5.58 min Scan# 425  
Delta R.T. -0.01 min  
Lab File: BG043667.D  
Acq: 16 Nov 2019 1:43

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 112     | 100   |       |       |
| 64      | 64.3  | 50.0  | 75.0  |
| 63      | 39.0  | 26.6  | 40.0  |

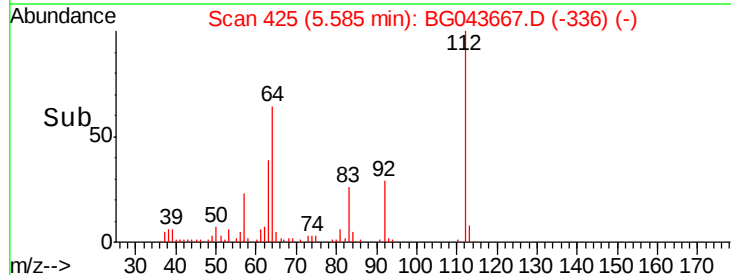
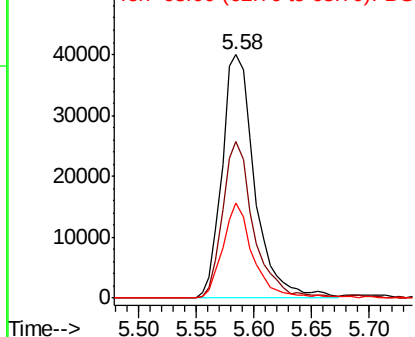


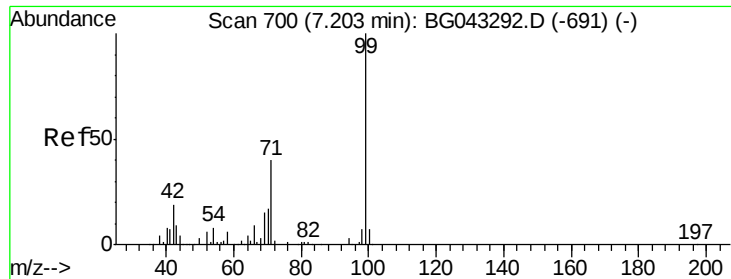
Abundance

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: 40.711 ng

RT: 7.19 min Scan# 698

Delta R.T. -0.01 min

Lab File: BG043667.D

Acq: 16 Nov 2019 1:43

Instrument :

BNA\_G

ClientSampleId :

GE-MW-58-1D

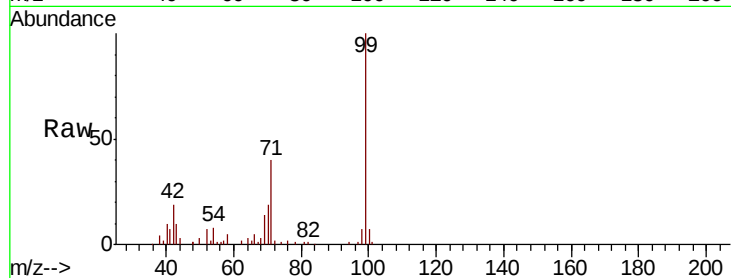
Tot Ion: 99 Resp: 73828

Ion Ratio Lower Upper

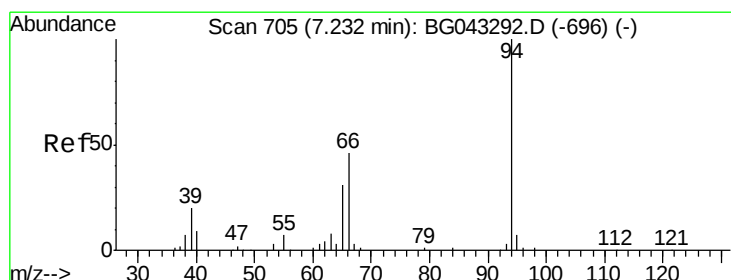
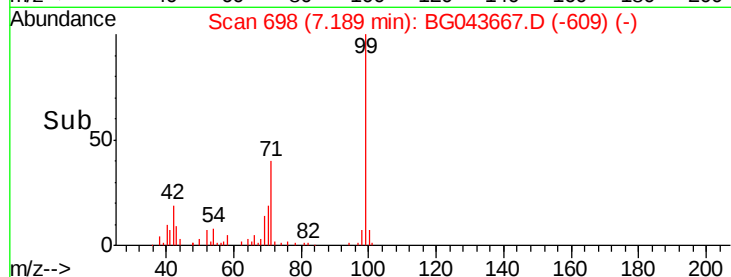
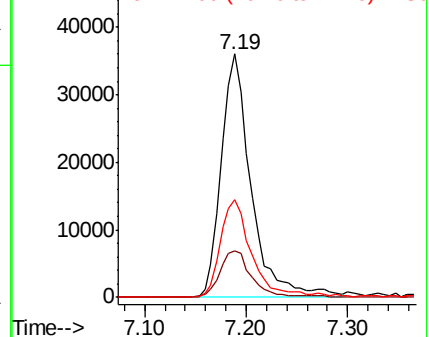
99 100

42 19.2 14.6 21.8

71 39.9 32.5 48.7



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: 5.391 ng

RT: 7.22 min Scan# 703

Delta R.T. -0.00 min

Lab File: BG043667.D

Acq: 16 Nov 2019 1:43

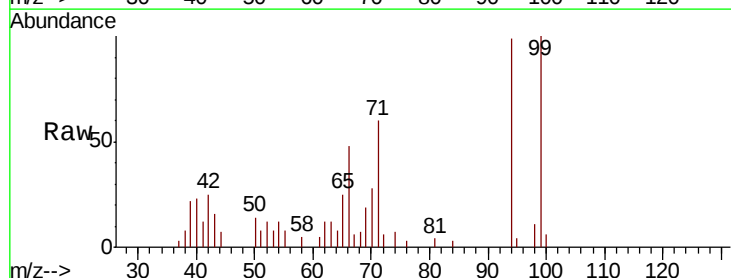
Tgt Ion: 94 Resp: 8934

Ion Ratio Lower Upper

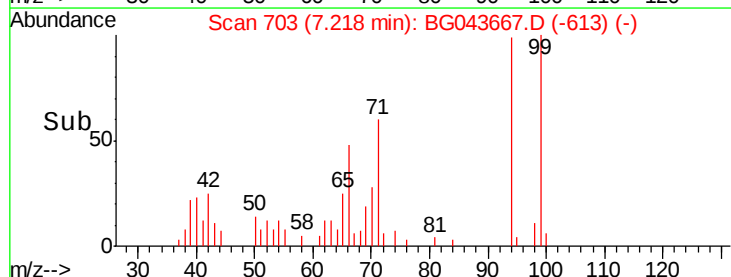
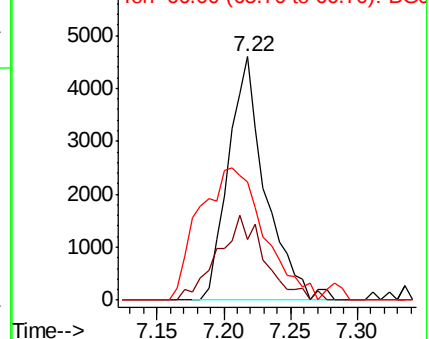
94 100

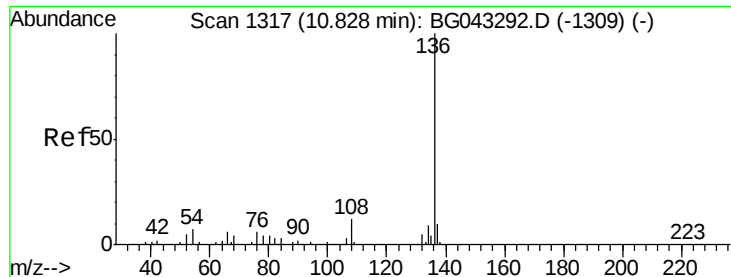
65 25.1 12.6 52.6

66 48.3 30.7 70.7



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

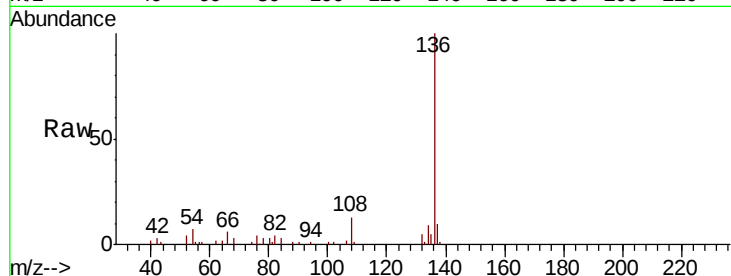




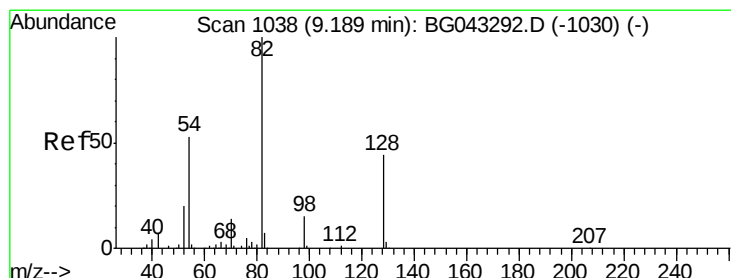
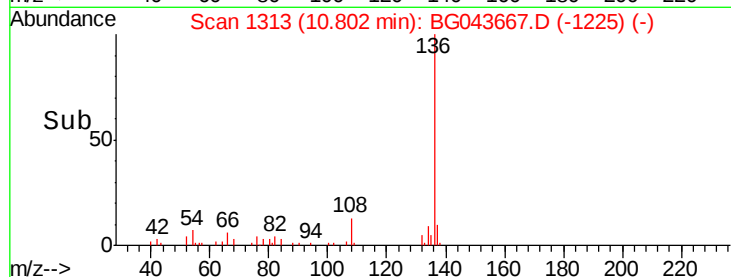
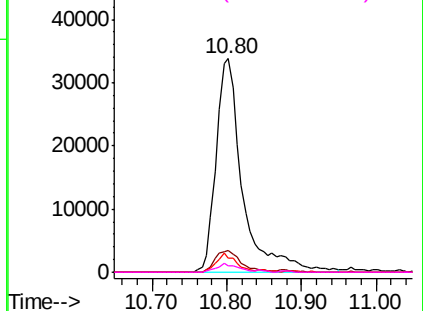
#21  
Naphthalene-d8  
Concen: 20.000 ng  
RT: 10.80 min Scan# 1313  
Delta R.T. -0.01 min  
Lab File: BG043667.D  
Acq: 16 Nov 2019 1:43

Instrument :  
BNA\_G  
ClientSampleId :  
GE-MW-58-1D

|             |       |          |
|-------------|-------|----------|
| Tot Ion:136 | Resp: | 83055    |
| Ion Ratio   | Lower | Upper    |
| 136         | 100   |          |
| 137         | 10.0  | 8.7 13.1 |
| 54          | 6.7   | 5.4 8.2  |
| 68          | 2.9   | 3.0 4.4  |

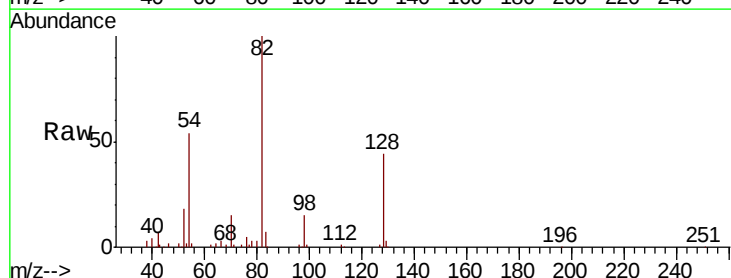


Abundance Ion 136.00 (135.70 to 136.70): E  
Ion 137.00 (136.70 to 137.70): E  
Ion 54.00 (53.70 to 54.70): BGC  
Ion 68.00 (67.70 to 68.70): BGC

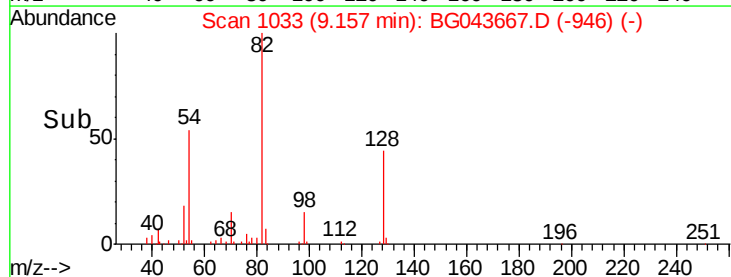
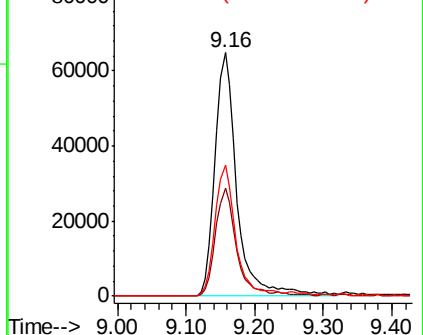


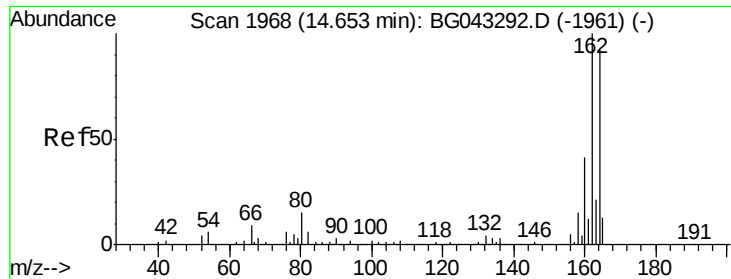
#23  
Nitrobenzene-d5  
Concen: 89.521 ng  
RT: 9.16 min Scan# 1033  
Delta R.T. -0.02 min  
Lab File: BG043667.D  
Acq: 16 Nov 2019 1:43

|             |       |           |
|-------------|-------|-----------|
| Tgt Ion: 82 | Resp: | 144219    |
| Ion Ratio   | Lower | Upper     |
| 82          | 100   |           |
| 128         | 44.2  | 35.0 52.6 |
| 54          | 53.5  | 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: 14.62 min Scan# 1963

Delta R.T. -0.02 min

Lab File: BG043667.D

Acq: 16 Nov 2019 1:43

Instrument :

BNA\_G

ClientSampleId :

GE-MW-58-1D

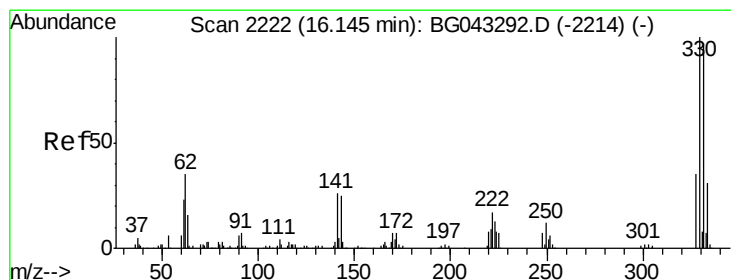
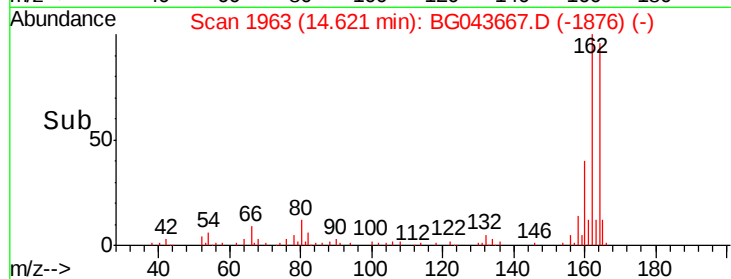
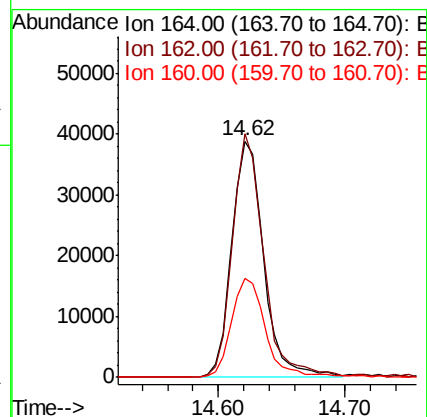
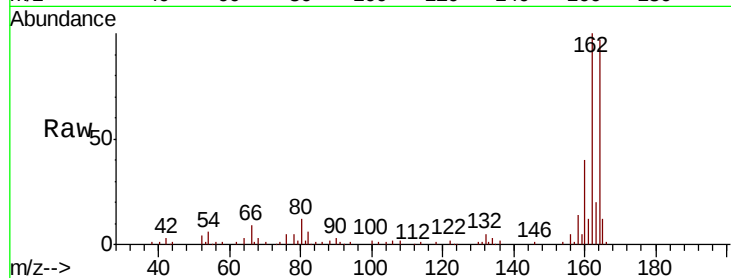
Tot Ion:164 Resp: 67604

Ion Ratio Lower Upper

164 100

162 103.2 83.5 125.3

160 41.8 36.5 54.7



#42

2,4,6-Tribromophenol

Concen: 90.419 ng

RT: 16.12 min Scan# 2218

Delta R.T. -0.01 min

Lab File: BG043667.D

Acq: 16 Nov 2019 1:43

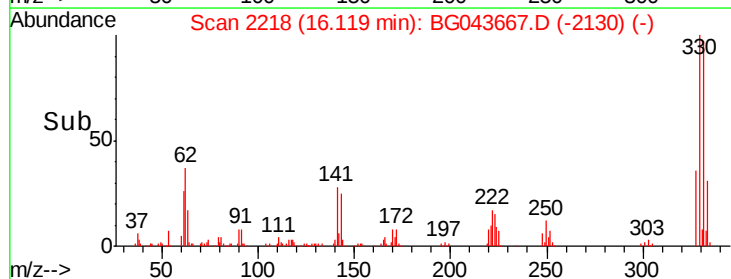
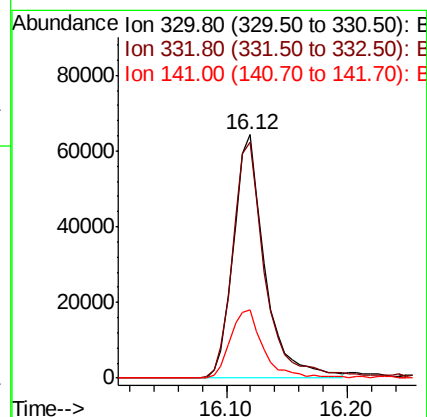
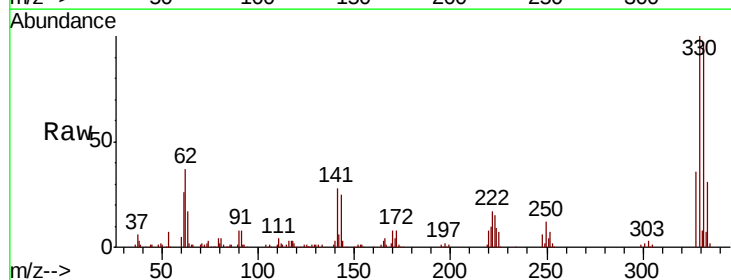
Tgt Ion:330 Resp: 116325

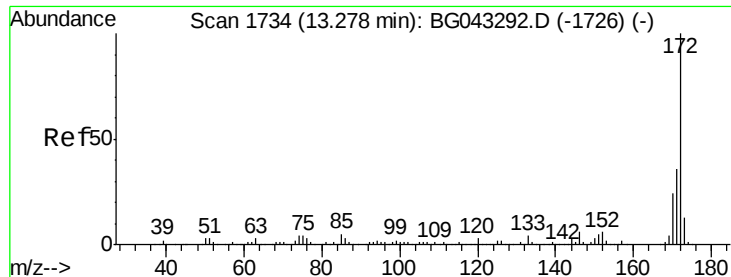
Ion Ratio Lower Upper

330 100

332 100.1 77.4 116.0

141 29.5 22.8 34.2

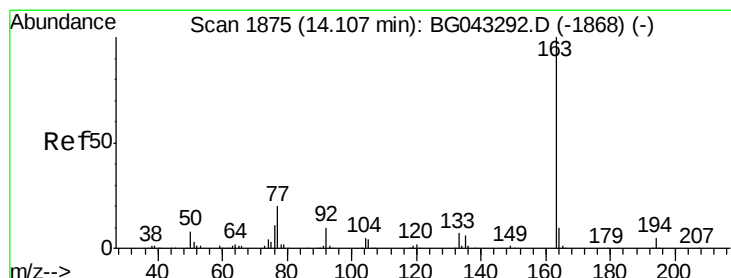
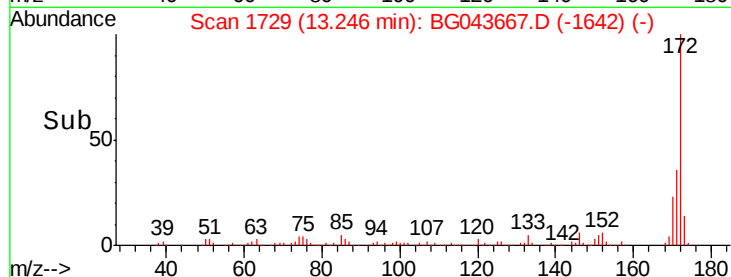
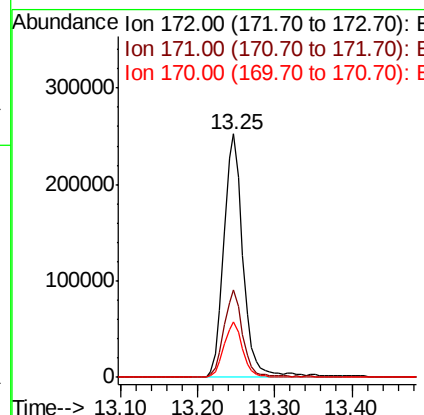
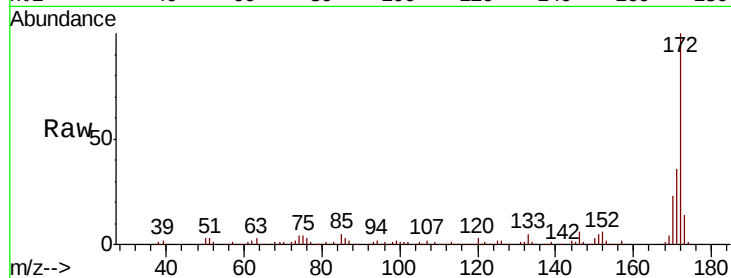




#45  
2-Fluorobiphenyl  
Concen: 89.873 ng  
RT: 13.25 min Scan# 1729  
Delta R.T. -0.02 min  
Lab File: BG043667.D  
Acq: 16 Nov 2019 1:43

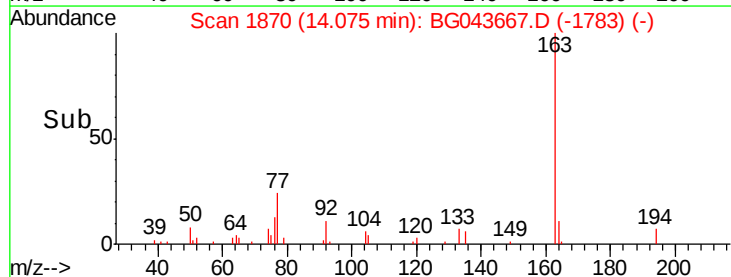
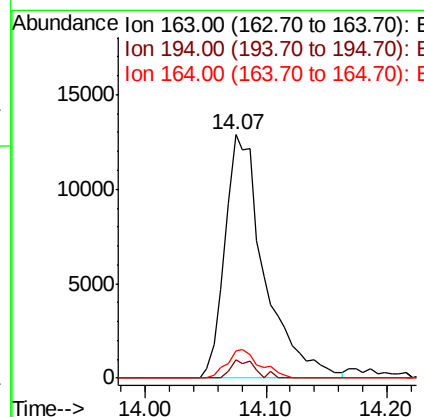
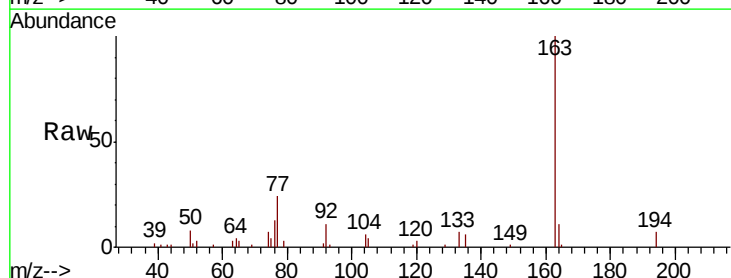
Instrument :  
BNA\_G  
ClientSampleId :  
GE-MW-58-1D

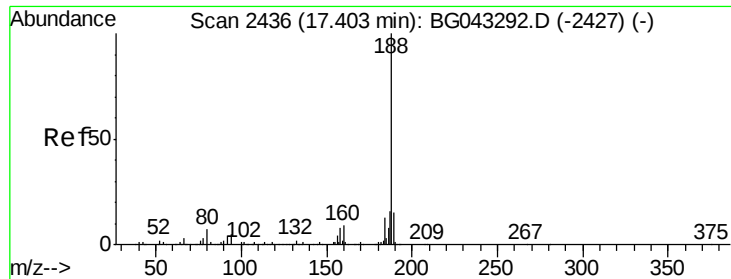
Tot Ion:172 Resp: 439697  
Ion Ratio Lower Upper  
172 100  
171 36.1 28.9 43.3  
170 23.0 18.5 27.7



#50  
Dimethylphthalate  
Concen: 5.551 ng  
RT: 14.07 min Scan# 1870  
Delta R.T. -0.02 min  
Lab File: BG043667.D  
Acq: 16 Nov 2019 1:43

Tgt Ion:163 Resp: 29067  
Ion Ratio Lower Upper  
163 100  
194 7.4 3.8 5.6#  
164 11.3 8.9 13.3





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.37 min Scan# 2431

Delta R.T. -0.02 min

Lab File: BG043667.D

Acq: 16 Nov 2019 1:43

Instrument :

BNA\_G

ClientSampleId :

GE-MW-58-1D

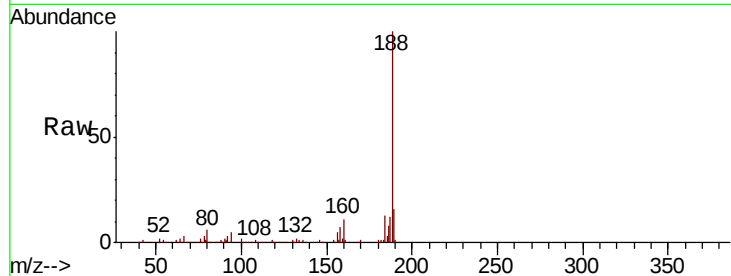
Tot Ion:188 Resp: 177011

Ion Ratio Lower Upper

188 100

94 5.0 4.2 6.4

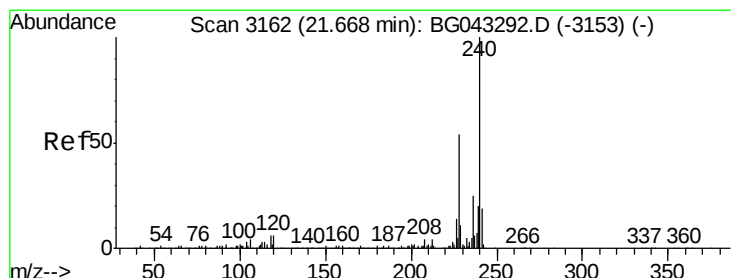
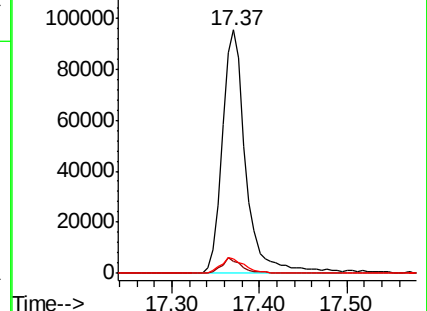
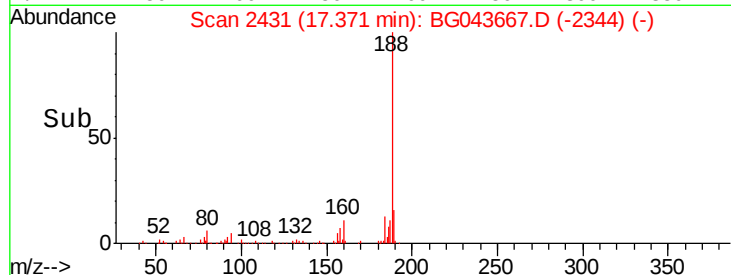
80 6.0 4.5 6.7



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BG043667.D (-2344) (-)

Ion 80.00 (79.70 to 80.70): BG043667.D (-2344) (-)



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.64 min Scan# 3157

Delta R.T. -0.02 min

Lab File: BG043667.D

Acq: 16 Nov 2019 1:43

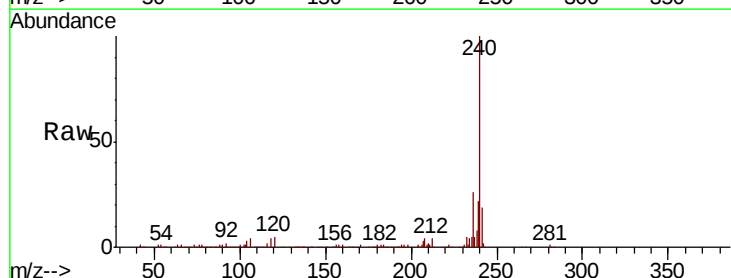
Tgt Ion:240 Resp: 197966

Ion Ratio Lower Upper

240 100

120 4.8 4.6 6.8

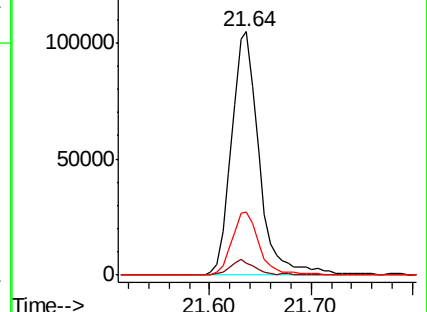
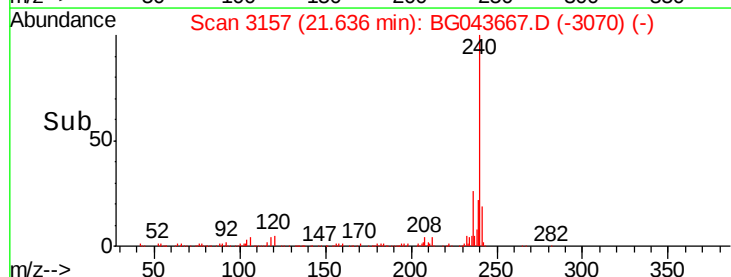
236 25.8 19.8 29.8

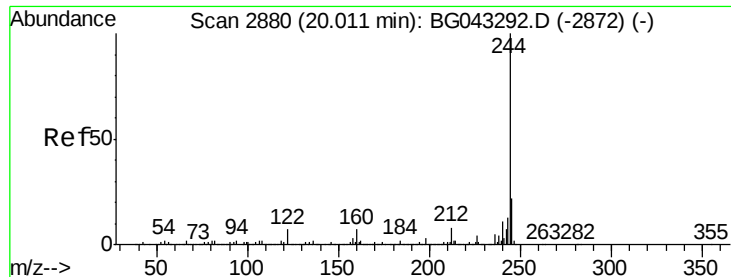


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#79

Terphenyl-d14

Concen: 94.778 ng

RT: 19.98 min Scan# 2875

Delta R.T. -0.02 min

Lab File: BG043667.D

Acq: 16 Nov 2019 1:43

Instrument :

BNA\_G

ClientSampleId :

GE-MW-58-1D

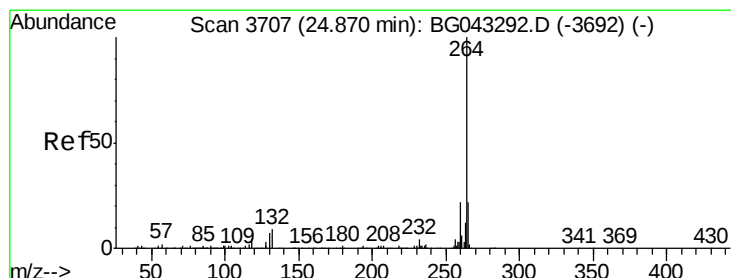
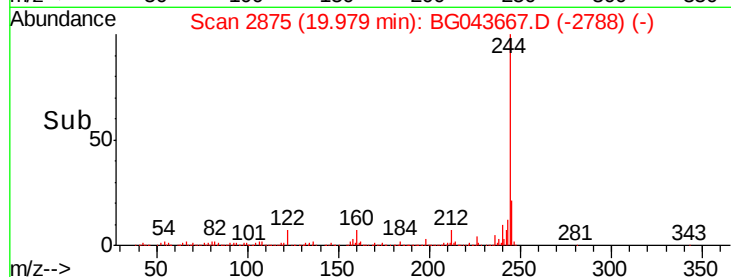
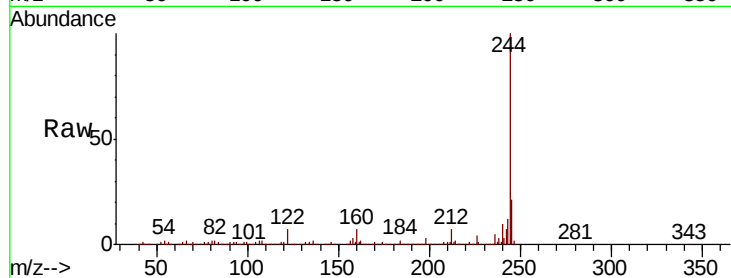
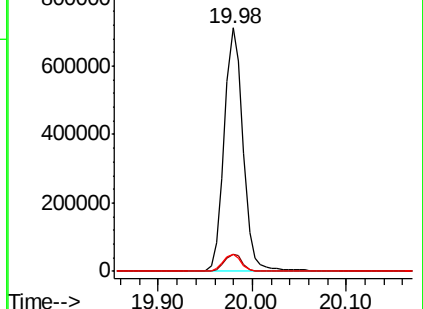
Tot Ion:244 Resp: 1000124

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 244 | 100   |       |       |
| 212 | 7.2   | 5.8   | 8.6   |
| 122 | 7.0   | 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: 24.81 min Scan# 3697

Delta R.T. -0.04 min

Lab File: BG043667.D

Acq: 16 Nov 2019 1:43

Tgt Ion:264 Resp: 235247

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 264 | 100   |       |       |
| 260 | 23.4  | 17.5  | 26.3  |
| 265 | 21.1  | 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

