

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG071718\  
 Data File : BG035705.D  
 Acq On : 18 Jul 2018 6:25  
 Operator : JU/SJ  
 Sample : J3990-05  
 Misc :  
 ALS Vial : 24 Sample Multiplier: 1

Instrument :  
 BNA\_G  
 ClientSampleId :  
 071218-DBRI-F-U-M

Quant Time: Jul 18 07:14:44 2018  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG071218.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Thu Jul 12 14:43:32 2018  
 Response via : Initial Calibration

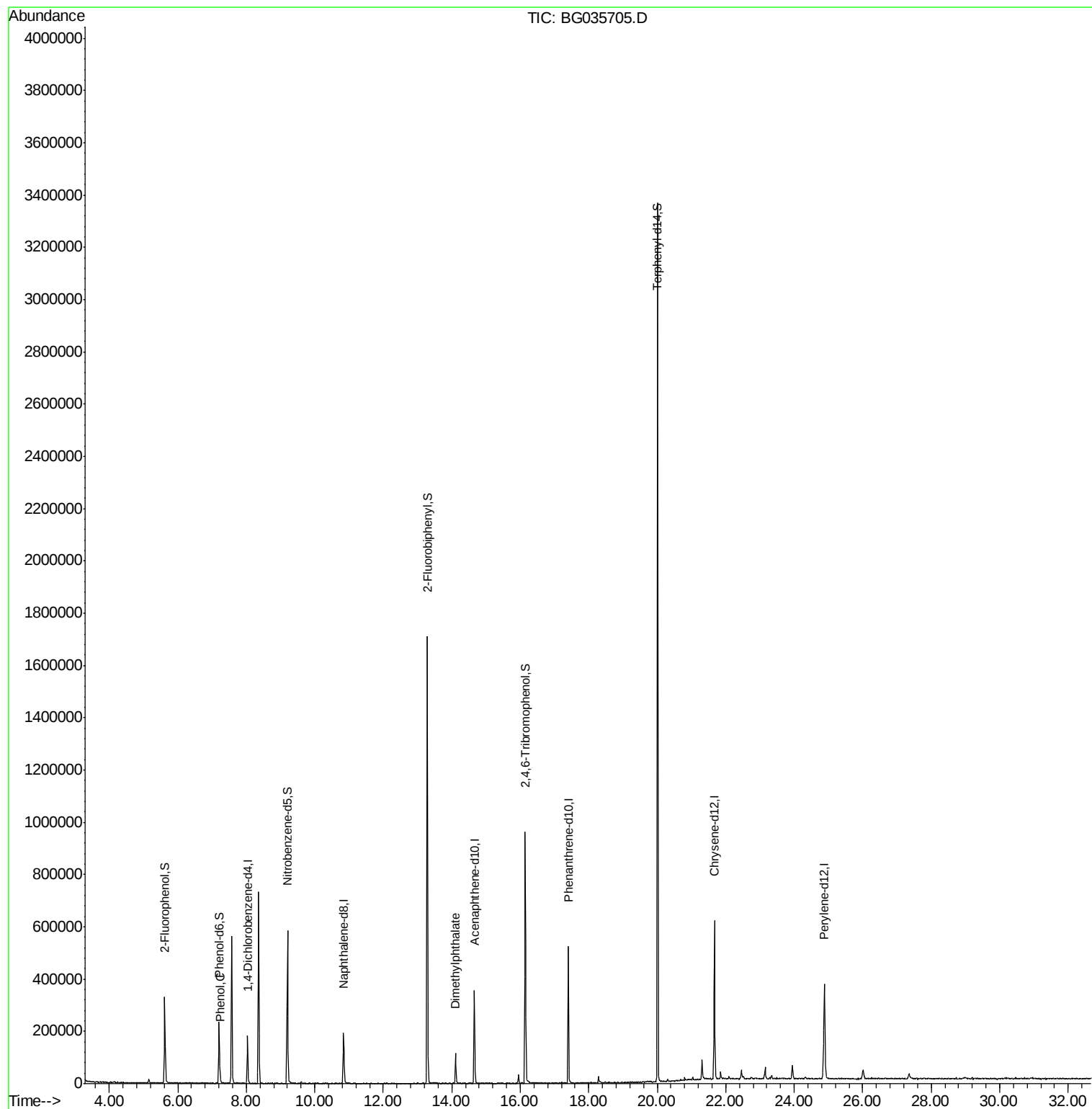
| Internal Standards          | R.T.  | QIon | Response | Conc   | Units | Dev(Min)    |
|-----------------------------|-------|------|----------|--------|-------|-------------|
| 1) 1,4-Dichlorobenzene-d4   | 8.04  | 152  | 48524    | 20.00  | ng    | -0.02       |
| 21) Naphthalene-d8          | 10.84 | 136  | 171759   | 20.00  | ng    | -0.02       |
| 38) Acenaphthene-d10        | 14.66 | 164  | 122857   | 20.00  | ng    | -0.02       |
| 63) Phenanthrene-d10        | 17.40 | 188  | 339733   | 20.00  | ng    | -0.02       |
| 75) Chrysene-d12            | 21.67 | 240  | 374281   | 20.00  | ng    | -0.02       |
| 86) Perylene-d12            | 24.88 | 264  | 361682   | 20.00  | ng    | -0.03       |
| System Monitoring Compounds |       |      |          |        |       |             |
| 5) 2-Fluorophenol           | 5.63  | 112  | 149924   | 51.30  | ng    | 0.00        |
| 7) Phenol-d6                | 7.21  | 99   | 145877   | 33.45  | ng    | -0.01       |
| 23) Nitrobenzene-d5         | 9.20  | 82   | 400092   | 97.31  | ng    | -0.02       |
| 41) 2,4,6-Tribromophenol    | 16.15 | 330  | 170249   | 105.14 | ng    | -0.02       |
| 44) 2-Fluorobiphenyl        | 13.29 | 172  | 913738   | 99.64  | ng    | -0.02       |
| 78) Terphenyl-d14           | 20.01 | 244  | 1562033  | 91.99  | ng    | -0.01       |
| Target Compounds            |       |      |          |        |       |             |
| 10) Phenol                  | 7.24  | 94   | 12740    | 2.892  | ng    | Qvalue # 76 |
| 49) Dimethylphthalate       | 14.11 | 163  | 87067    | 8.089  | ng    | 98          |

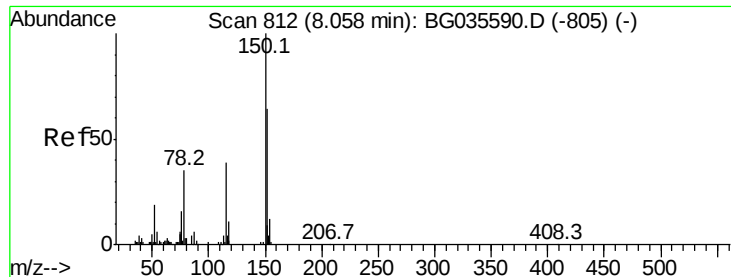
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG071718\  
Data File : BG035705.D  
Acq On : 18 Jul 2018 6:25  
Operator : JU/SJ  
Sample : J3990-05  
Misc :  
ALS Vial : 24 Sample Multiplier: 1

Instrument :  
BNA\_G  
ClientSampleId :  
071218-DBRI-F-U-M

Quant Time: Jul 18 07:14:44 2018  
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG071218.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
QLast Update : Thu Jul 12 14:43:32 2018  
Response via : Initial Calibration



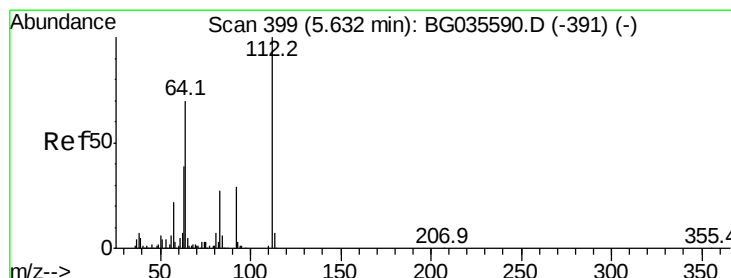
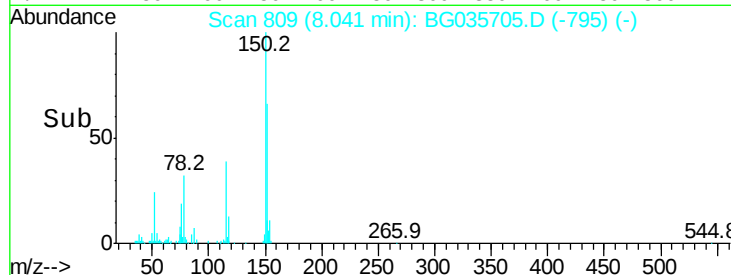
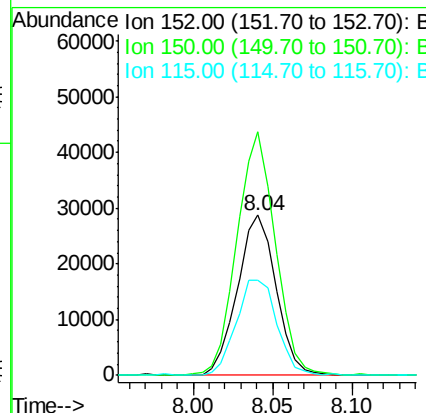
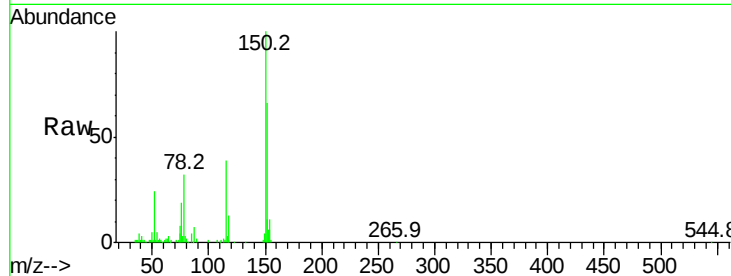


#1

1,4-Dichlorobenzene-d4  
Concen: 20.000 ng  
RT: 8.04 min Scan# 809  
Delta R.T. -0.02 min  
Lab File: BG035705.D  
Acq: 18 Jul 2018 6:25

Instrument :  
BNA\_G  
ClientSampleId :  
071218-DBRI-F-U-M

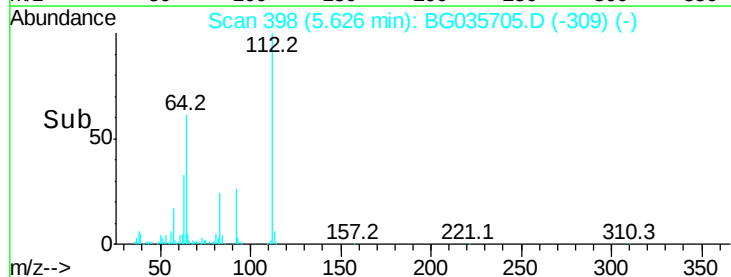
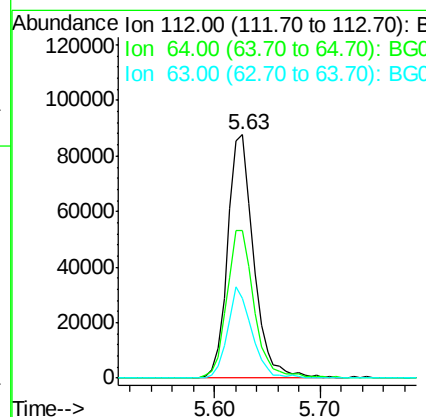
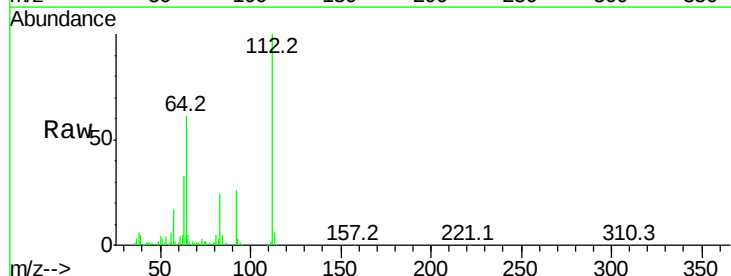
| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 152     | 100   |       |       |
| 150     | 152.2 | 126.6 | 189.8 |
| 115     | 59.4  | 53.0  | 79.4  |

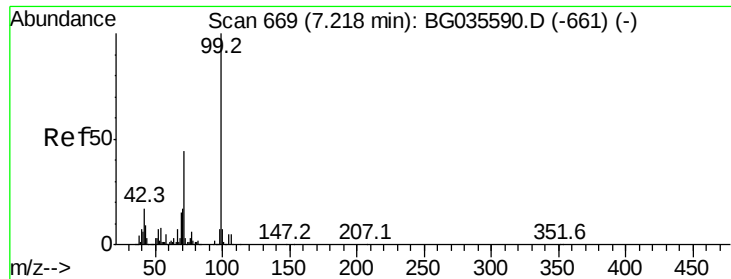


#5

2-Fluorophenol  
Concen: 51.296 ng  
RT: 5.63 min Scan# 398  
Delta R.T. -0.01 min  
Lab File: BG035705.D  
Acq: 18 Jul 2018 6:25

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 112     | 100   |       |       |
| 64      | 60.6  | 56.3  | 84.5  |
| 63      | 32.5  | 30.1  | 45.1  |





#7

Phenol-d6

Concen: 33.453 ng

RT: 7.21 min Scan# 667

Delta R.T. -0.01 min

Lab File: BG035705.D

Acq: 18 Jul 2018 6:25

Instrument :

BNA\_G

ClientSampleId :

071218-DBRI-F-U-M

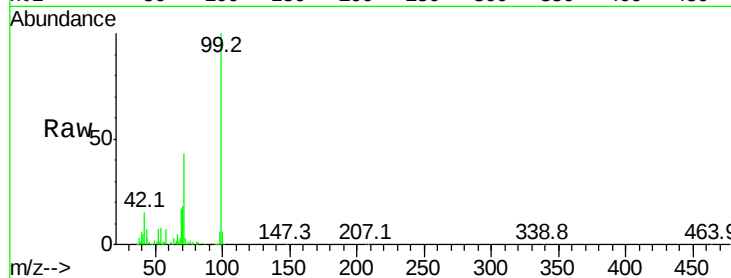
Tot Ion: 99 Resp: 145877

Ion Ratio Lower Upper

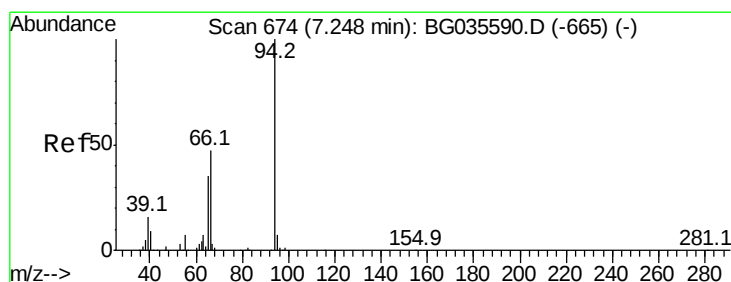
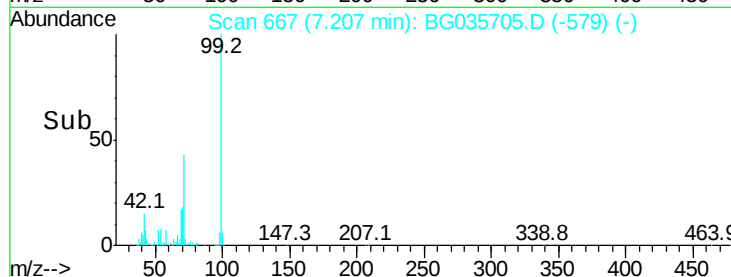
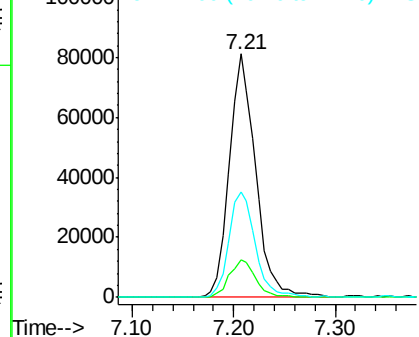
99 100

42 15.4 14.1 21.1

71 43.2 26.1 39.1#



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: 2.892 ng

RT: 7.24 min Scan# 672

Delta R.T. -0.01 min

Lab File: BG035705.D

Acq: 18 Jul 2018 6:25

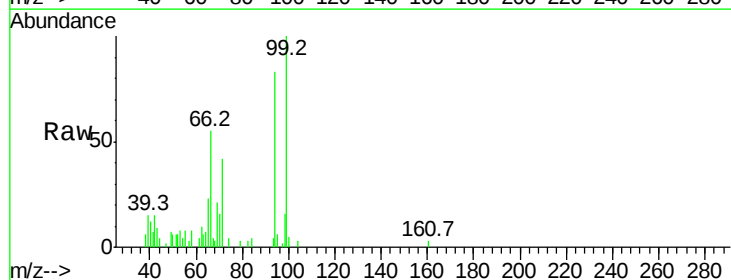
Tgt Ion: 94 Resp: 12740

Ion Ratio Lower Upper

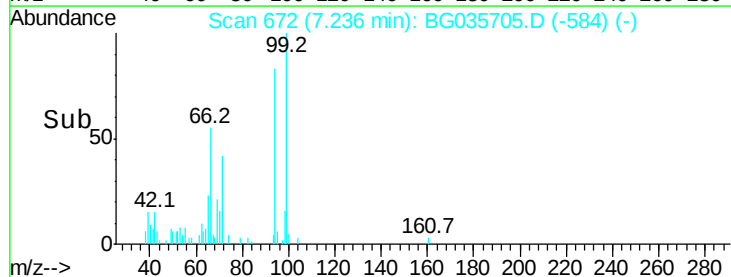
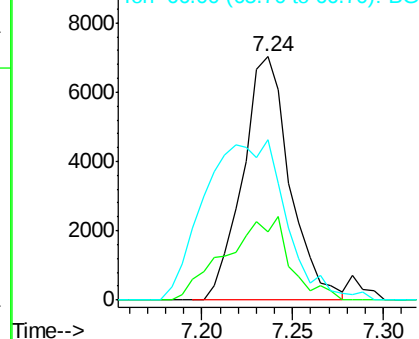
94 100

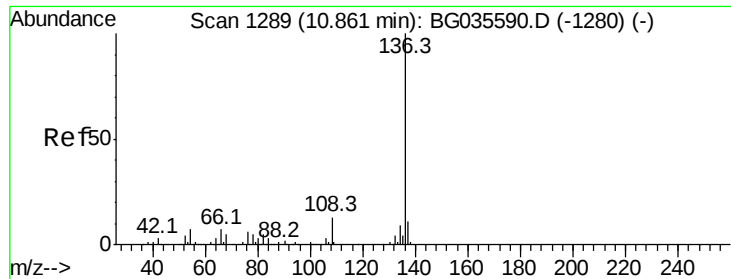
65 28.0 11.9 51.9

66 66.1 22.2 62.2#



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

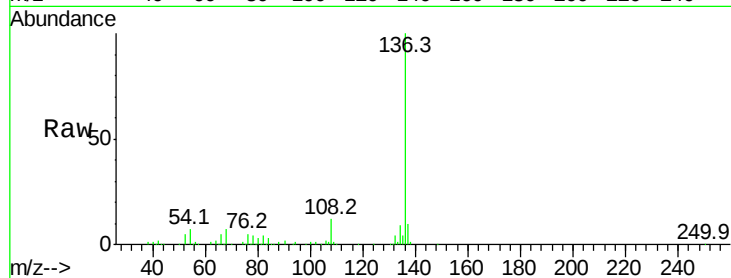




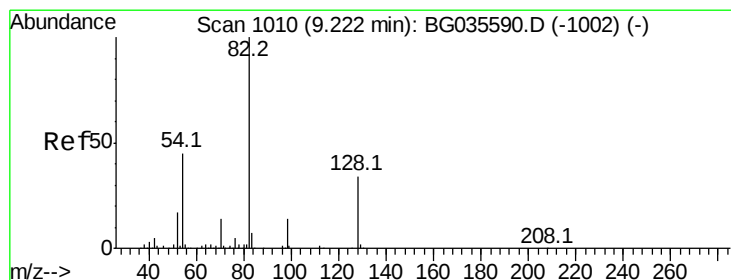
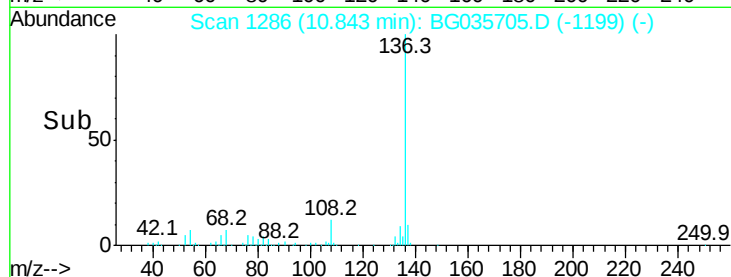
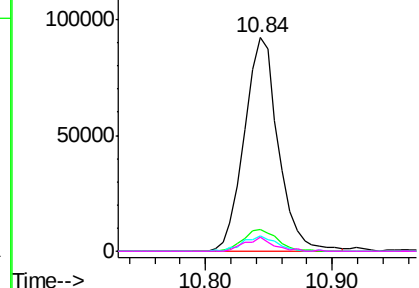
#21  
Naphthalene-d8  
Concen: 20.000 ng  
RT: 10.84 min Scan# 1286  
Delta R.T. -0.02 min  
Lab File: BG035705.D  
Acq: 18 Jul 2018 6:25

Instrument :  
BNA\_G  
ClientSampleId :  
071218-DBRI-F-U-M

|             |       |            |
|-------------|-------|------------|
| Tot Ion:136 | Resp: | 171759     |
| Ion Ratio   | Lower | Upper      |
| 136         | 100   |            |
| 137         | 10.0  | 9.2 13.8   |
| 54          | 6.9   | 10.3 15.5# |
| 68          | 6.6   | 4.5 6.7    |

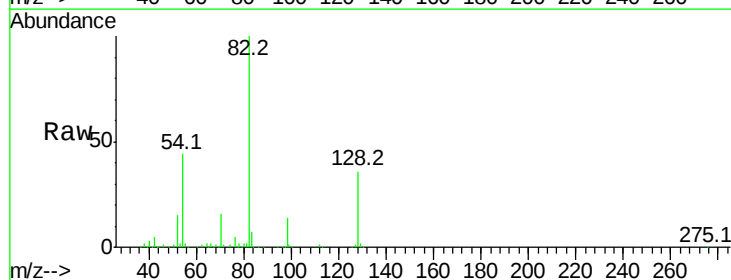


Abundance Ion 136.00 (135.70 to 136.70): E  
Ion 137.00 (136.70 to 137.70): E  
Ion 54.00 (53.70 to 54.70): BGC  
Ion 68.00 (67.70 to 68.70): BGC

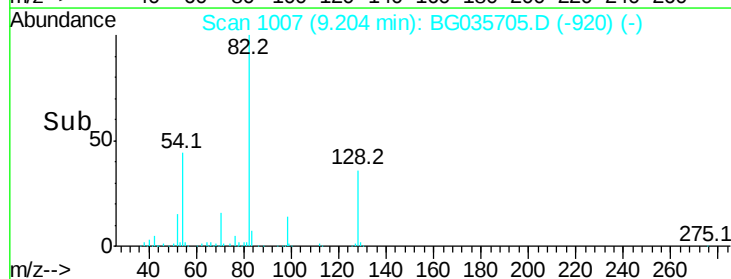
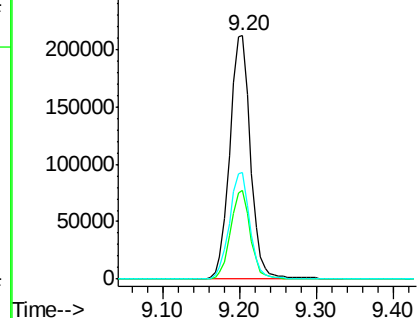


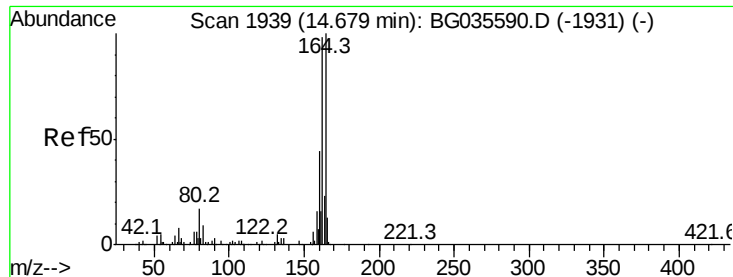
#23  
Nitrobenzene-d5  
Concen: 97.309 ng  
RT: 9.20 min Scan# 1007  
Delta R.T. -0.02 min  
Lab File: BG035705.D  
Acq: 18 Jul 2018 6:25

|             |       |           |
|-------------|-------|-----------|
| Tgt Ion: 82 | Resp: | 400092    |
| Ion Ratio   | Lower | Upper     |
| 82          | 100   |           |
| 128         | 36.4  | 29.7 44.5 |
| 54          | 43.6  | 43.1 64.7 |



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





#38

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.66 min Scan# 1936

Delta R.T. -0.02 min

Lab File: BG035705.D

Acq: 18 Jul 2018 6:25

Instrument :

BNA\_G

ClientSampleId :

071218-DBRI-F-U-M

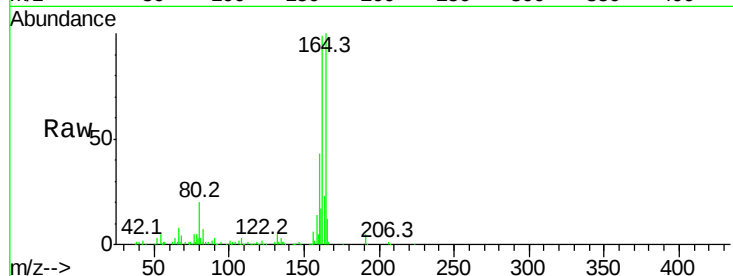
Tot Ion:164 Resp: 122857

Ion Ratio Lower Upper

164 100

162 99.4 78.8 118.2

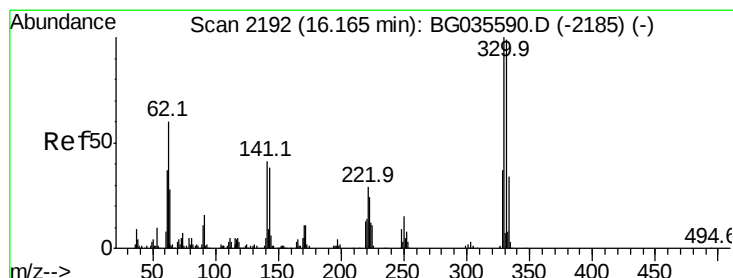
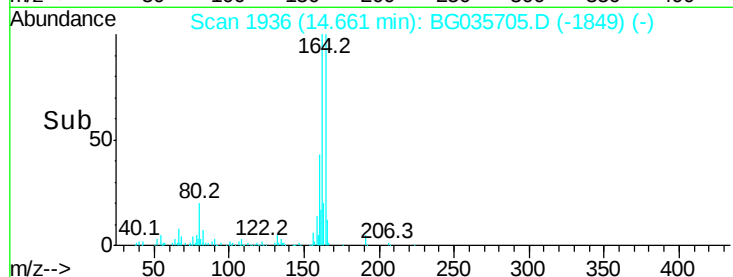
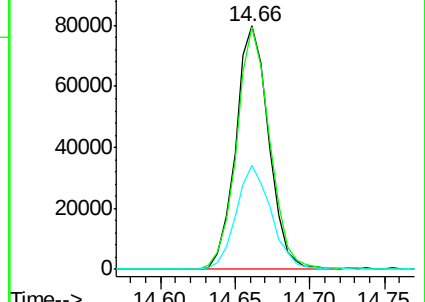
160 42.7 35.4 53.0



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



#41

2,4,6-Tribromophenol

Concen: 105.135 ng

RT: 16.15 min Scan# 2189

Delta R.T. -0.02 min

Lab File: BG035705.D

Acq: 18 Jul 2018 6:25

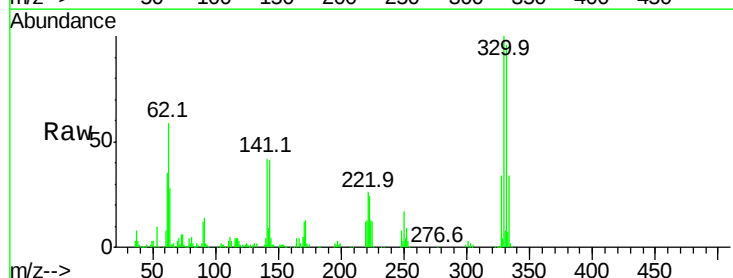
Tgt Ion:330 Resp: 170249

Ion Ratio Lower Upper

330 100

332 98.6 77.0 115.6

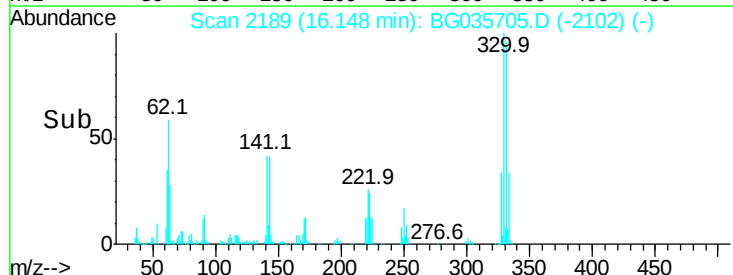
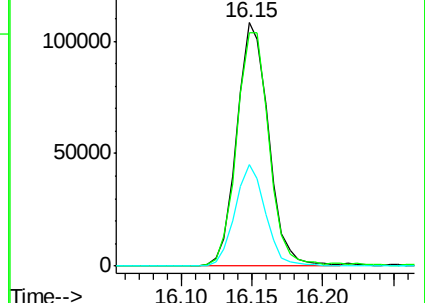
141 39.9 25.2 37.8#

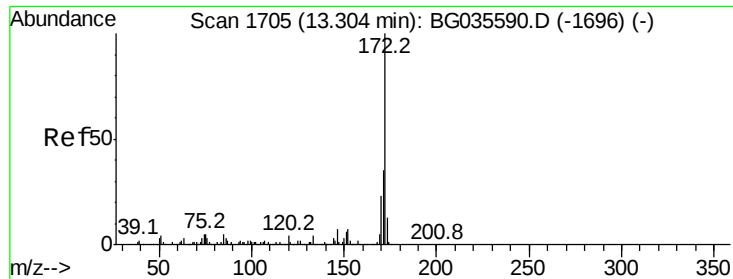


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

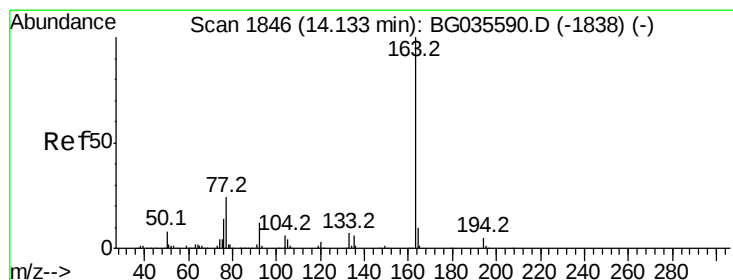
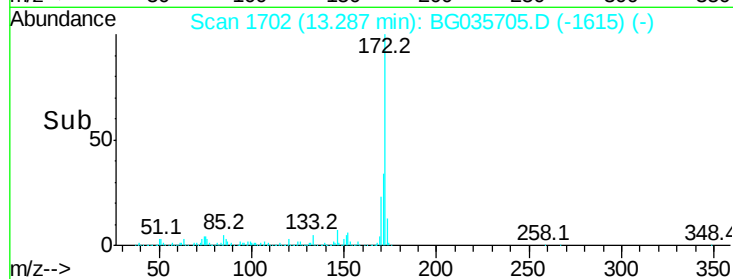
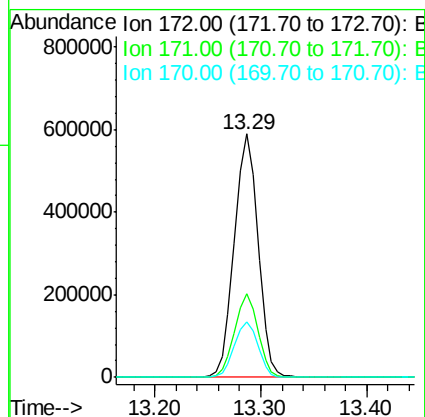
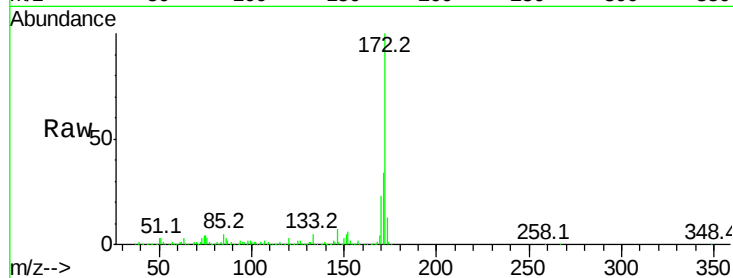




#44  
2-Fluorobiphenyl  
Concen: 99.642 ng  
RT: 13.29 min Scan# 1702  
Delta R.T. -0.02 min  
Lab File: BG035705.D  
Acq: 18 Jul 2018 6:25

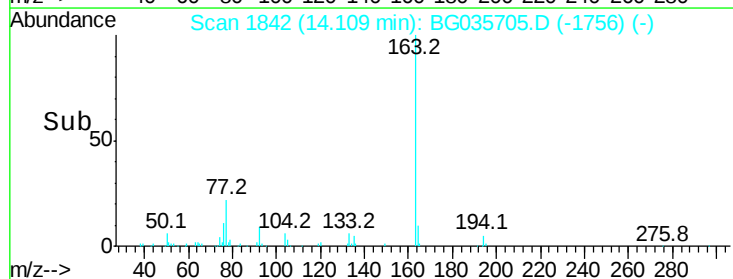
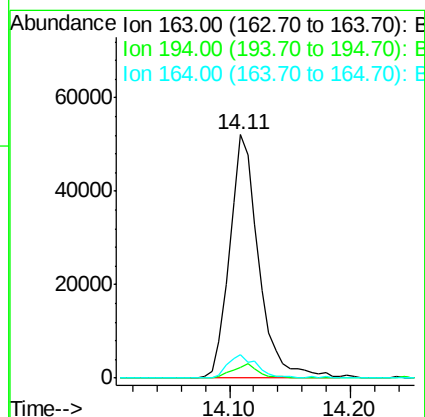
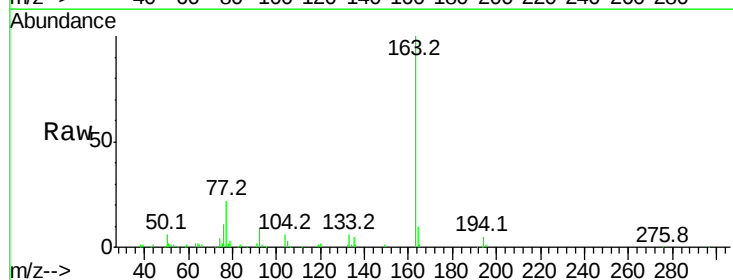
Instrument :  
BNA\_G  
ClientSampleId :  
071218-DBRI-F-U-M

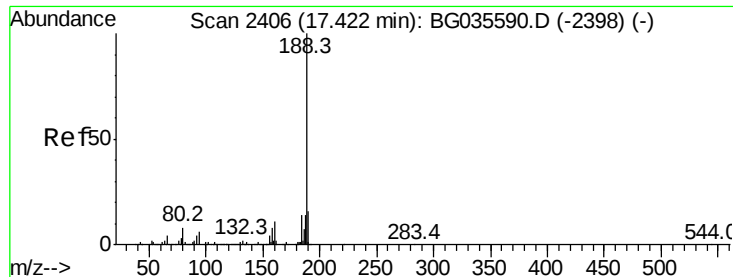
| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 172     | 100   |       |       |
| 171     | 34.3  | 30.0  | 45.0  |
| 170     | 22.8  | 19.5  | 29.3  |



#49  
Dimethylphthalate  
Concen: 8.089 ng  
RT: 14.11 min Scan# 1842  
Delta R.T. -0.02 min  
Lab File: BG035705.D  
Acq: 18 Jul 2018 6:25

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 163     | 100   |       |       |
| 194     | 4.6   | 3.4   | 5.2   |
| 164     | 9.7   | 8.2   | 12.4  |

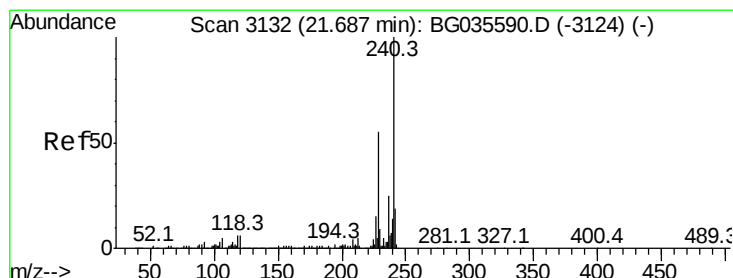
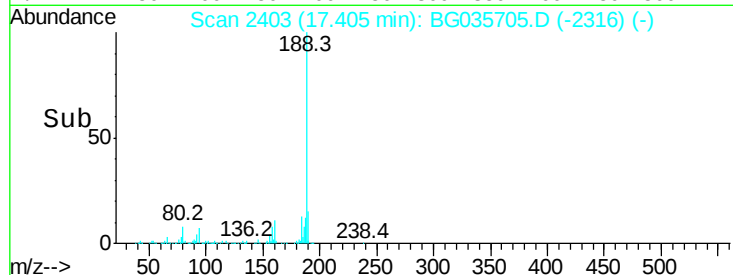
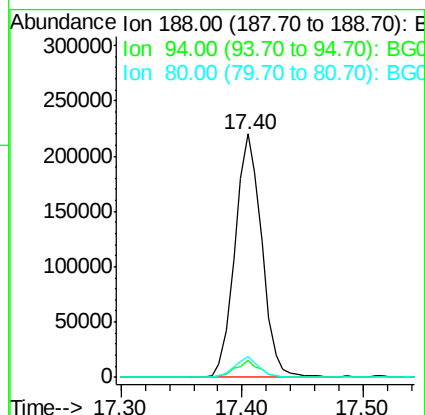
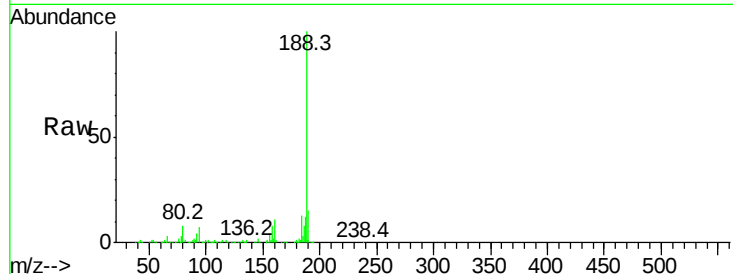




#63  
Phenanthrene-d10  
Concen: 20.000 ng  
RT: 17.40 min Scan# 2403  
Delta R.T. -0.02 min  
Lab File: BG035705.D  
Acq: 18 Jul 2018 6:25

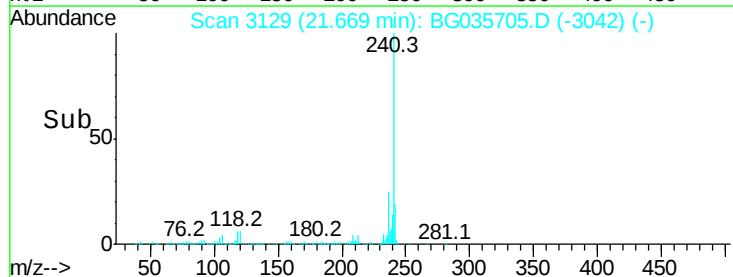
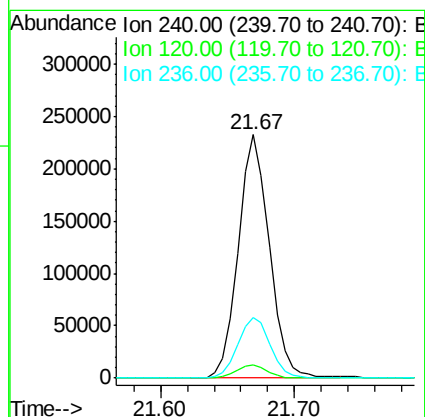
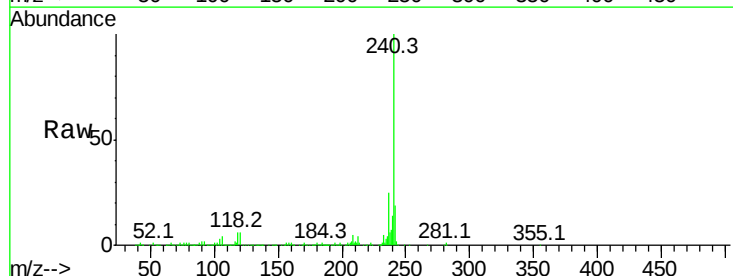
Instrument :  
BNA\_G  
ClientSampleId :  
071218-DBRI-F-U-M

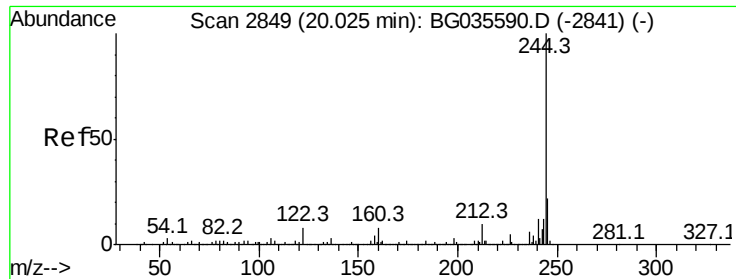
| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 188     | 100   |       |       |
| 94      | 6.8   | 6.9   | 10.3# |
| 80      | 8.3   | 7.7   | 11.5  |



#75  
Chrysene-d12  
Concen: 20.000 ng  
RT: 21.67 min Scan# 3129  
Delta R.T. -0.02 min  
Lab File: BG035705.D  
Acq: 18 Jul 2018 6:25

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 240     | 100   |       |       |
| 120     | 5.6   | 6.8   | 10.2# |
| 236     | 24.6  | 20.9  | 31.3  |





#78

Terphenyl-d14

Concen: 91.995 ng

RT: 20.01 min Scan# 2847

Delta R.T. -0.01 min

Lab File: BG035705.D

Acq: 18 Jul 2018 6:25

Instrument :

BNA\_G

ClientSampleId :

071218-DBRI-F-U-M

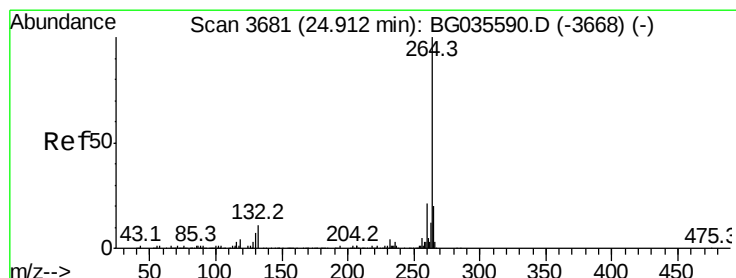
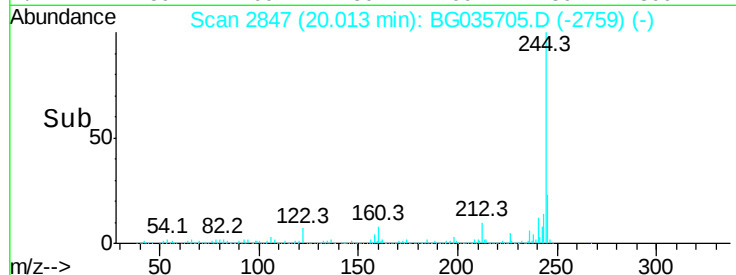
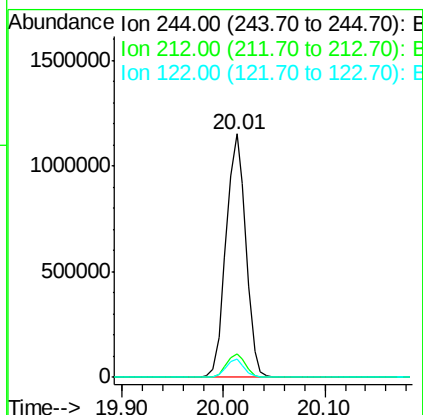
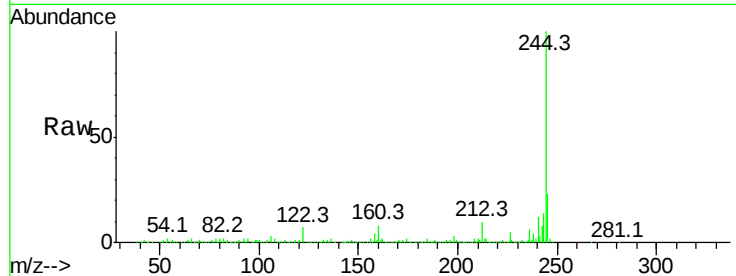
Tot Ion:244 Resp: 1562033

Ion Ratio Lower Upper

244 100

212 9.6 5.8 8.8#

122 7.3 7.0 10.4



#86

Perylene-d12

Concen: 20.000 ng

RT: 24.88 min Scan# 3676

Delta R.T. -0.03 min

Lab File: BG035705.D

Acq: 18 Jul 2018 6:25

Tgt Ion:264 Resp: 361682

Ion Ratio Lower Upper

264 100

260 25.4 17.4 26.0

265 22.5 17.7 26.5

