

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG121518\  
 Data File : BG038621.D  
 Acq On : 16 Dec 2018 2:08  
 Operator : JU/SJ  
 Sample : J6318-01  
 Misc :  
 ALS Vial : 21 Sample Multiplier: 1

Instrument :  
 BNA\_G  
 ClientSampleId :  
 WEST-8TH-BOX-COVER-TEST-PIT

Quant Time: Dec 16 04:23:59 2018  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG121218.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Wed Dec 12 15:26:27 2018  
 Response via : Initial Calibration

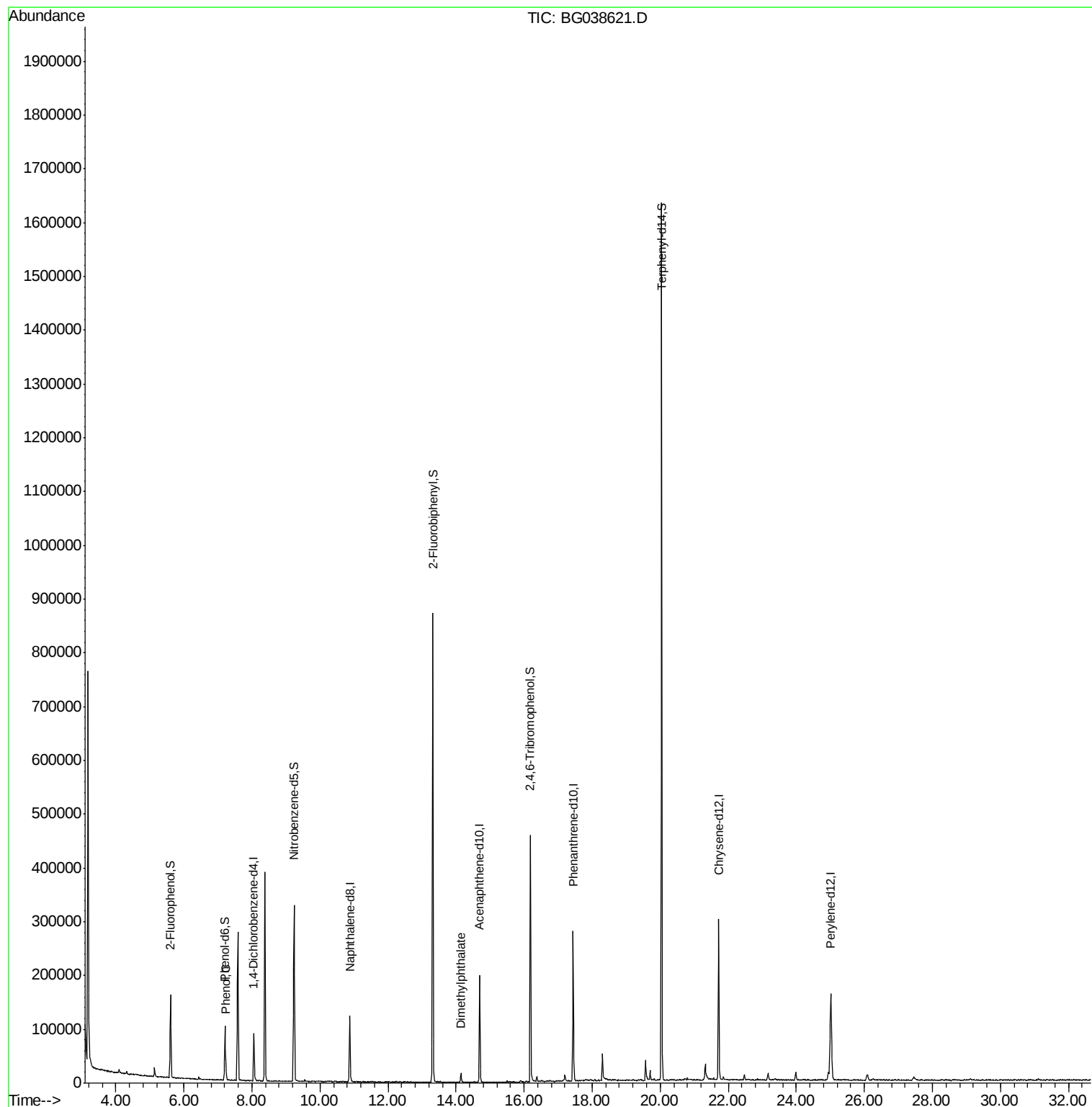
| Internal Standards          | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|-----------------------------|-------|------|----------|-------|-------|----------|
| 1) 1,4-Dichlorobenzene-d4   | 8.06  | 152  | 25511    | 20.00 | ng    | 0.00     |
| 21) Naphthalene-d8          | 10.88 | 136  | 109383   | 20.00 | ng    | 0.00     |
| 39) Acenaphthene-d10        | 14.70 | 164  | 71866    | 20.00 | ng    | 0.00     |
| 64) Phenanthrene-d10        | 17.44 | 188  | 182430   | 20.00 | ng    | 0.00     |
| 76) Chrysene-d12            | 21.72 | 240  | 189529   | 20.00 | ng    | 0.00     |
| 87) Perylene-d12            | 25.01 | 264  | 204206   | 20.00 | ng    | 0.00     |
| System Monitoring Compounds |       |      |          |       |       |          |
| 5) 2-Fluorophenol           | 5.61  | 112  | 65669    | 45.66 | ng    | 0.00     |
| 7) Phenol-d6                | 7.21  | 99   | 55043    | 27.88 | ng    | 0.00     |
| 23) Nitrobenzene-d5         | 9.24  | 82   | 195373   | 91.25 | ng    | 0.00     |
| 42) 2,4,6-Tribromophenol    | 16.19 | 330  | 92288    | 93.18 | ng    | 0.00     |
| 45) 2-Fluorobiphenyl        | 13.31 | 172  | 474903   | 90.65 | ng    | 0.00     |
| 79) Terphenyl-d14           | 20.04 | 244  | 787933   | 90.48 | ng    | 0.00     |
| Target Compounds            |       |      |          |       |       |          |
| 10) Phenol                  | 7.23  | 94   | 9457     | 4.508 | ng    | 97       |
| 50) Dimethylphthalate       | 14.14 | 163  | 13803    | 2.352 | ng    | 99       |

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

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ALS Vial : 21 Sample Multiplier: 1

Instrument :  
BNA\_G  
ClientSampleId :  
WEST-8TH-BOX-COVER-TEST-PIT

Quant Time: Dec 16 04:23:59 2018  
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG121218.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
QLast Update : Wed Dec 12 15:26:27 2018  
Response via : Initial Calibration





#1

1,4-Dichlorobenzene-d4

Concen: 20.000 ng

RT: 8.06 min Scan# 845

Delta R.T. -0.00 min

Lab File: BG038621.D

Acq: 16 Dec 2018 2:08

Instrument :

BNA\_G

ClientSampleId :

WEST-8TH-BOX-COVER-TEST-PIT

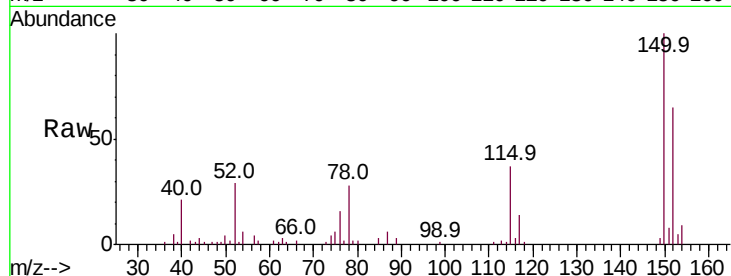
Tot Ion:152 Resp: 25511

Ion Ratio Lower Upper

152 100

150 154.6 119.5 179.3

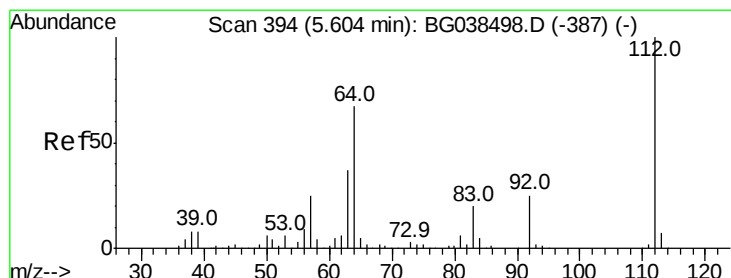
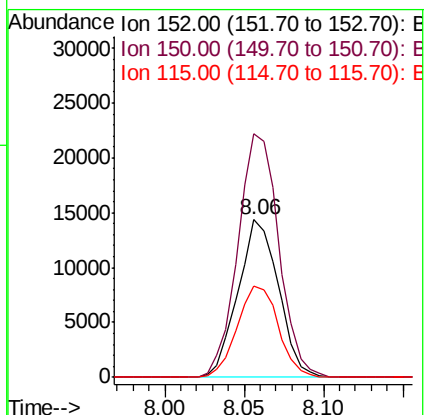
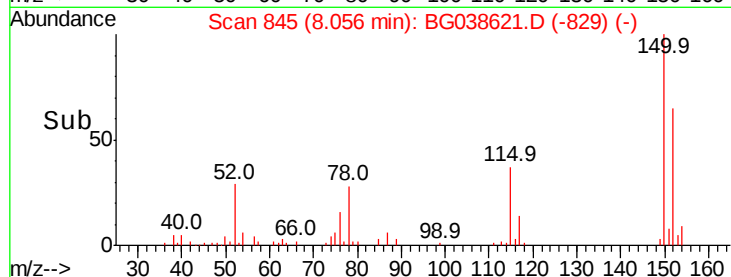
115 57.8 49.6 74.4



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: 45.656 ng

RT: 5.61 min Scan# 428

Delta R.T. 0.00 min

Lab File: BG038621.D

Acq: 16 Dec 2018 2:08

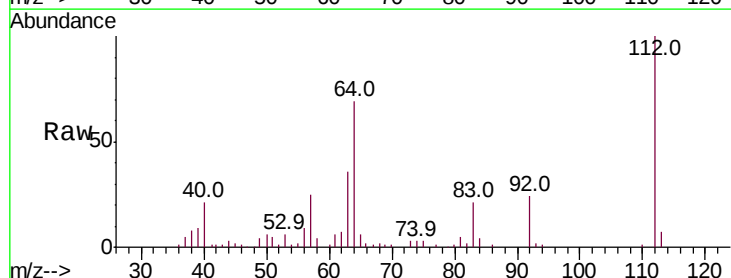
Tgt Ion:112 Resp: 65669

Ion Ratio Lower Upper

112 100

64 69.5 53.4 80.2

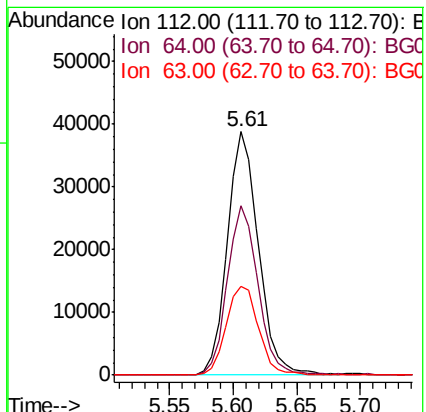
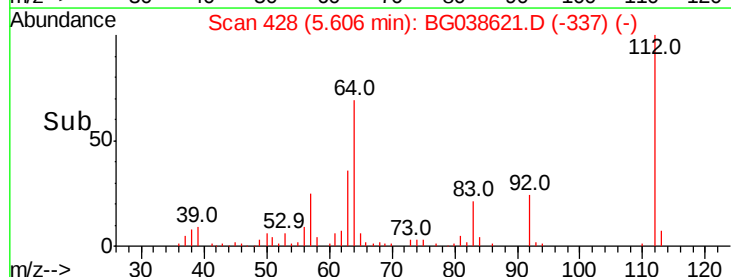
63 36.4 29.3 43.9

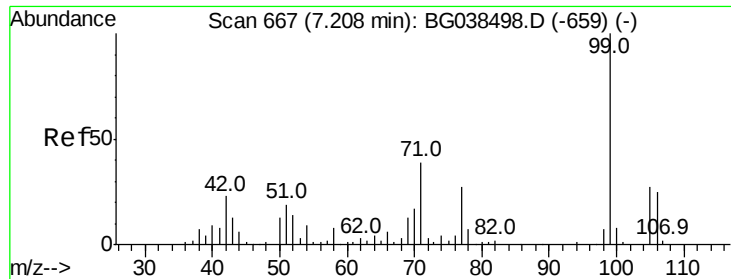


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC





#7

Phenol-d6

Concen: 27.876 ng

RT: 7.21 min Scan# 701

Delta R.T. 0.00 min

Lab File: BG038621.D

Acq: 16 Dec 2018 2:08

Instrument :

BNA\_G

ClientSampleId :

WEST-8TH-BOX-COVER-TEST-PIT

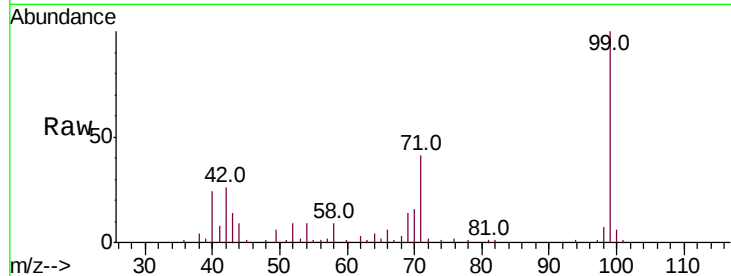
Tot Ion: 99 Resp: 55043

Ion Ratio Lower Upper

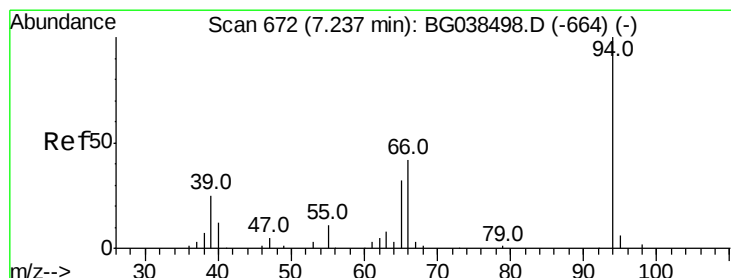
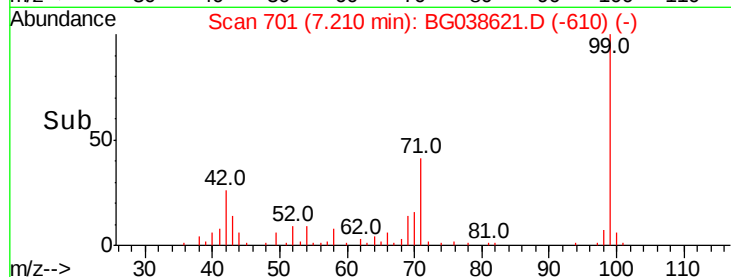
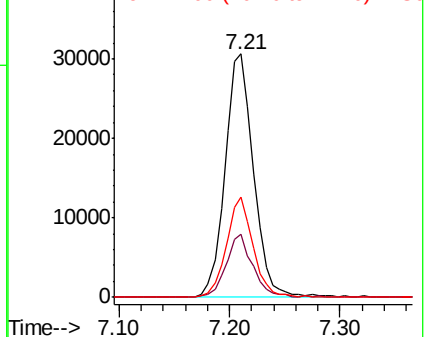
99 100

42 25.8 18.5 27.7

71 41.1 31.1 46.7



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: 4.508 ng

RT: 7.23 min Scan# 705

Delta R.T. -0.00 min

Lab File: BG038621.D

Acq: 16 Dec 2018 2:08

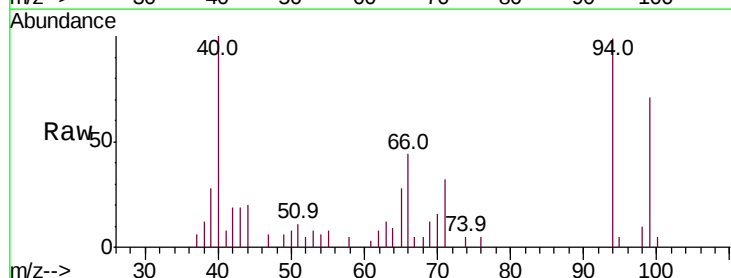
Tgt Ion: 94 Resp: 9457

Ion Ratio Lower Upper

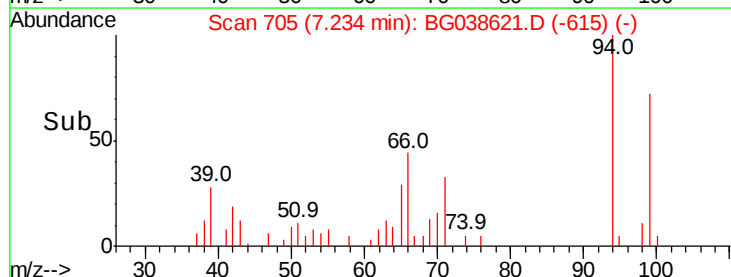
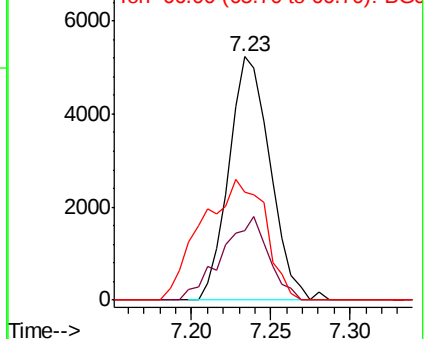
94 100

65 28.7 12.6 52.6

66 44.3 24.1 64.1



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

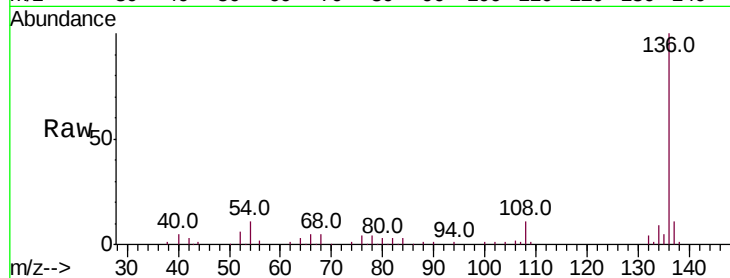




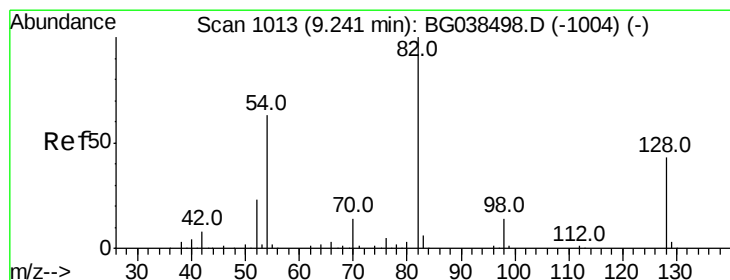
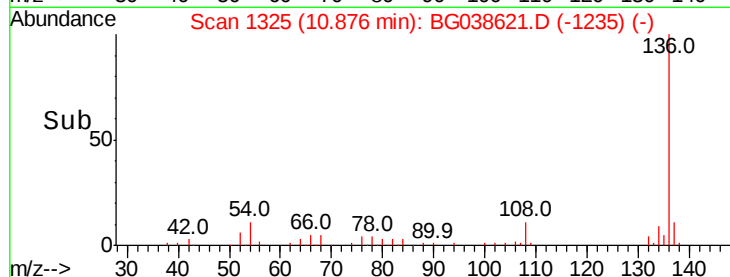
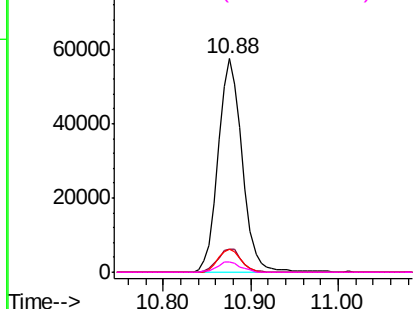
#21  
Naphthalene-d8  
Concen: 20.000 ng  
RT: 10.88 min Scan# 1325  
Delta R.T. -0.00 min  
Lab File: BG038621.D  
Acq: 16 Dec 2018 2:08

Instrument :  
BNA\_G  
ClientSampleId :  
WEST-8TH-BOX-COVER-TEST-PIT

|             |       |             |
|-------------|-------|-------------|
| Tot Ion:136 | Resp: | 109383      |
| Ion         | Ratio | Lower Upper |
| 136         | 100   |             |
| 137         | 10.7  | 9.3 13.9    |
| 54          | 10.9  | 8.5 12.7    |
| 68          | 4.8   | 3.5 5.3     |

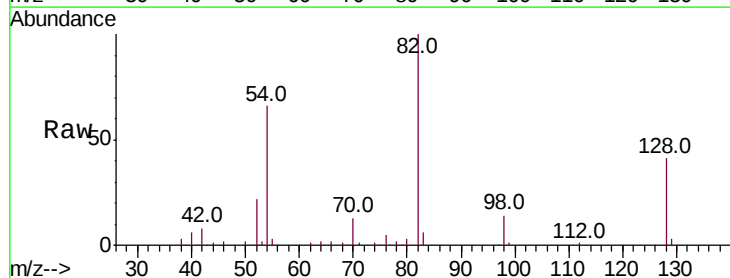


Abundance Ion 136.00 (135.70 to 136.70): E  
Ion 137.00 (136.70 to 137.70): E  
Ion 54.00 (53.70 to 54.70): BGC  
Ion 68.00 (67.70 to 68.70): BGC

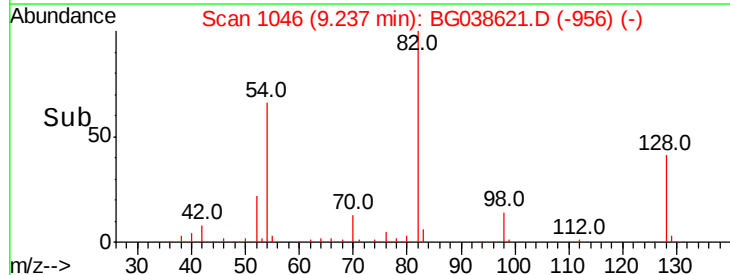
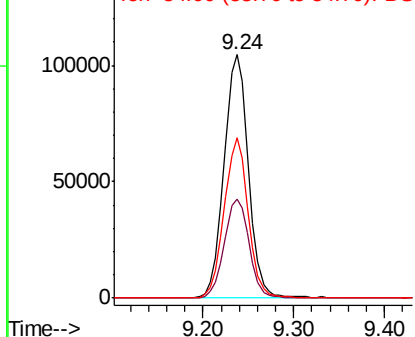


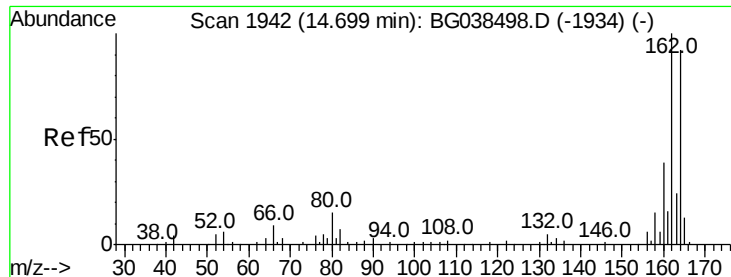
#23  
Nitrobenzene-d5  
Concen: 91.249 ng  
RT: 9.24 min Scan# 1046  
Delta R.T. -0.00 min  
Lab File: BG038621.D  
Acq: 16 Dec 2018 2:08

|             |       |             |
|-------------|-------|-------------|
| Tgt Ion: 82 | Resp: | 195373      |
| Ion         | Ratio | Lower Upper |
| 82          | 100   |             |
| 128         | 40.9  | 34.6 52.0   |
| 54          | 65.9  | 50.6 76.0   |



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: 14.70 min Scan# 1975

Delta R.T. -0.00 min

Lab File: BG038621.D

Acq: 16 Dec 2018 2:08

Instrument :

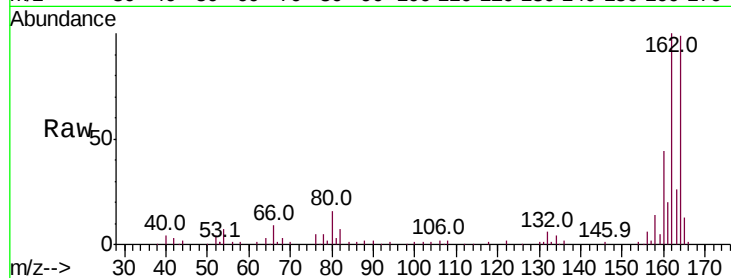
BNA\_G

ClientSampleId :

WEST-8TH-BOX-COVER-TEST-PIT

Tot Ion:164 Resp: 71866

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 164 | 100   |       |       |
| 162 | 100.7 | 86.6  | 130.0 |
| 160 | 44.3  | 34.2  | 51.2  |

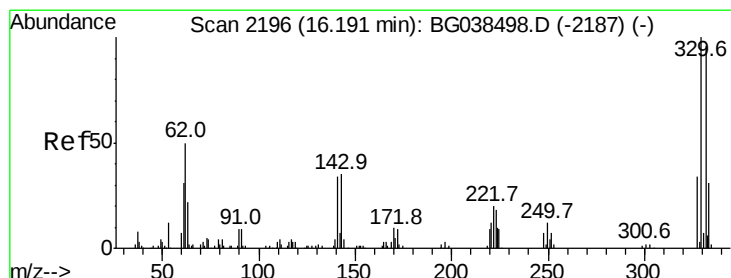
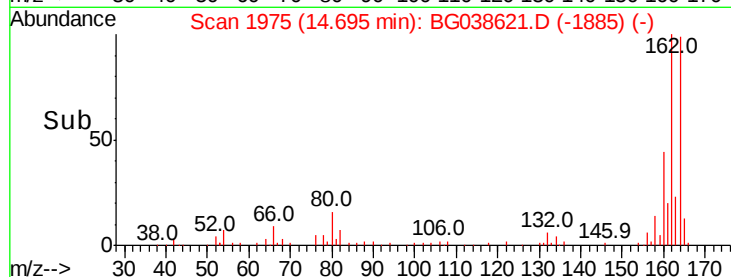
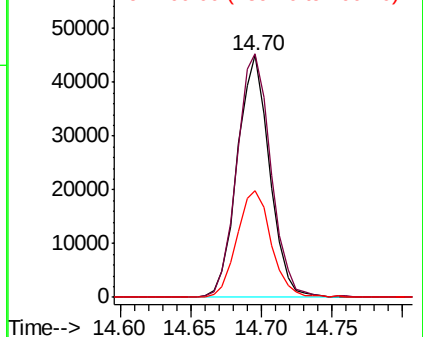


Abundance

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: 93.179 ng

RT: 16.19 min Scan# 2229

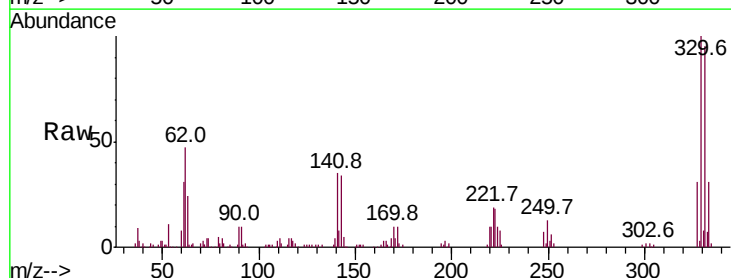
Delta R.T. -0.00 min

Lab File: BG038621.D

Acq: 16 Dec 2018 2:08

Tgt Ion:330 Resp: 92288

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 330 | 100   |       |       |
| 332 | 95.4  | 76.9  | 115.3 |
| 141 | 36.8  | 28.8  | 43.2  |

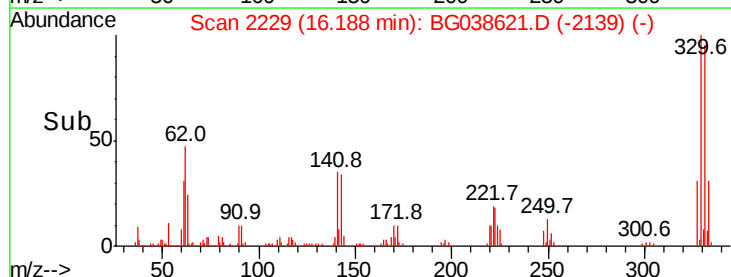
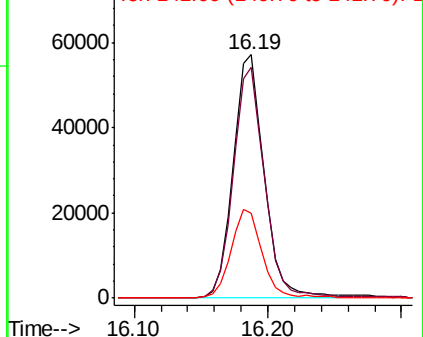


Abundance

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

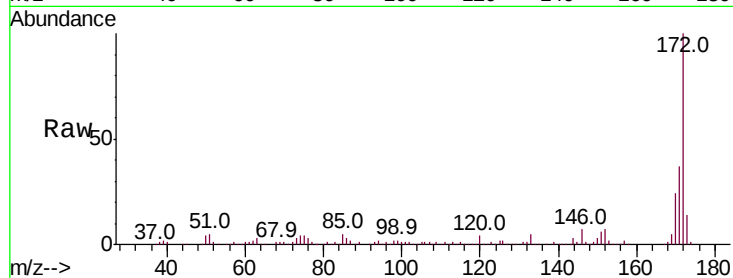




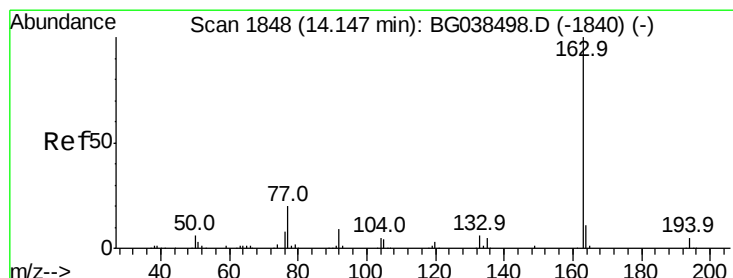
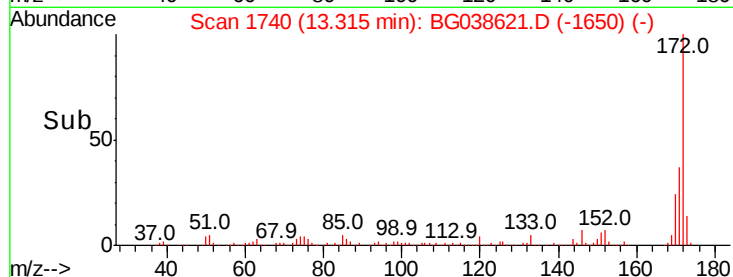
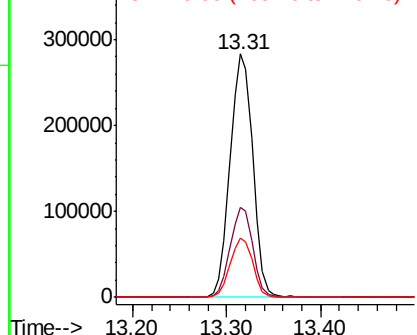
#45  
 2-Fluorobiphenyl  
 Concen: 90.654 ng  
 RT: 13.31 min Scan# 1740  
 Delta R.T. -0.00 min  
 Lab File: BG038621.D  
 Acq: 16 Dec 2018 2:08

Instrument :  
 BNA\_G  
 ClientSampleId :  
 WEST-8TH-BOX-COVER-TEST-PIT

Tot Ion:172 Resp: 474903  
 Ion Ratio Lower Upper  
 172 100  
 171 36.8 29.8 44.6  
 170 24.2 19.5 29.3

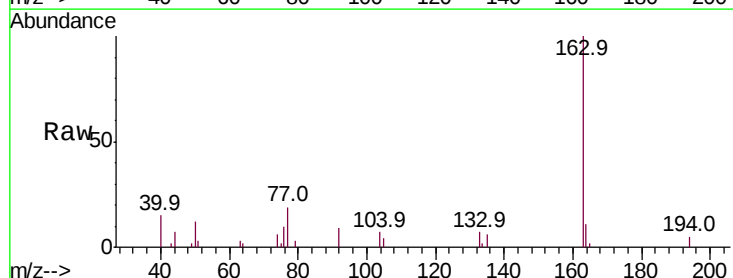


Abundance Ion 172.00 (171.70 to 172.70): E  
 Ion 171.00 (170.70 to 171.70): E  
 Ion 170.00 (169.70 to 170.70): E

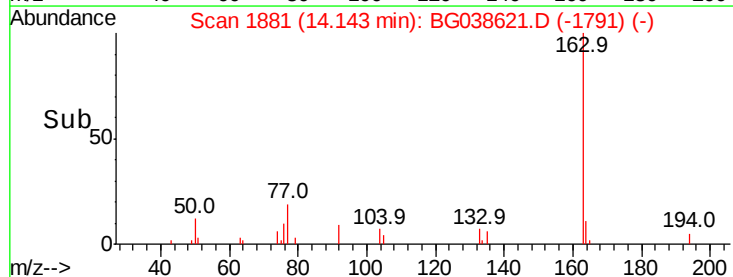
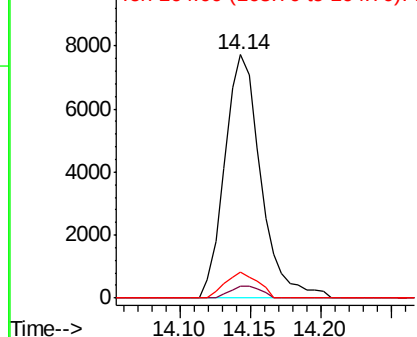


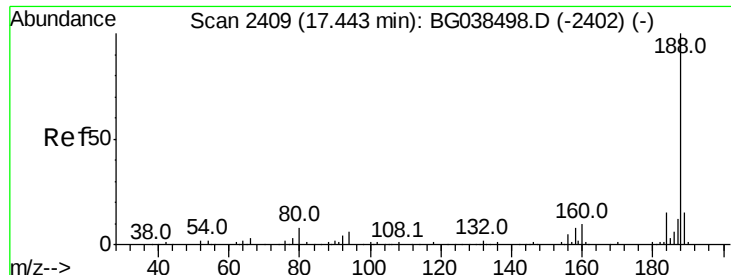
#50  
 Dimethylphthalate  
 Concen: 2.352 ng  
 RT: 14.14 min Scan# 1881  
 Delta R.T. -0.00 min  
 Lab File: BG038621.D  
 Acq: 16 Dec 2018 2:08

Tgt Ion:163 Resp: 13803  
 Ion Ratio Lower Upper  
 163 100  
 194 5.1 3.7 5.5  
 164 10.8 8.6 12.8



Abundance Ion 163.00 (162.70 to 163.70): E  
 Ion 194.00 (193.70 to 194.70): E  
 Ion 164.00 (163.70 to 164.70): E

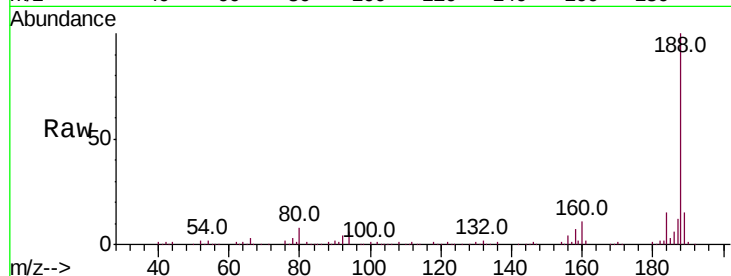




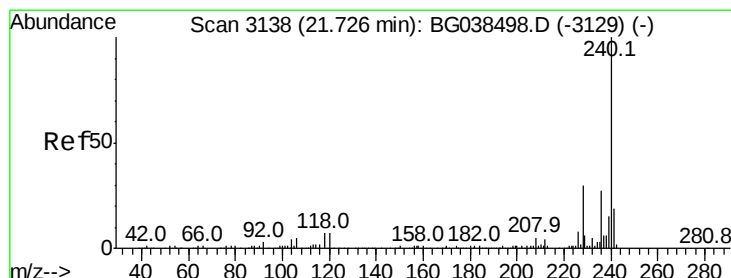
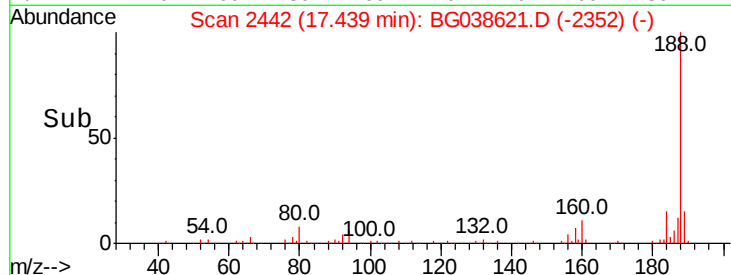
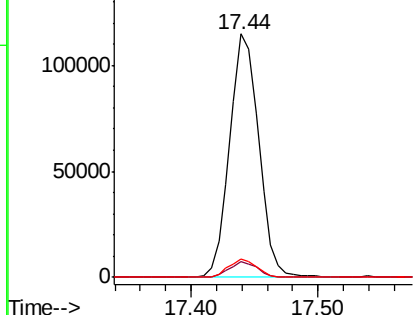
#64  
Phenanthrene-d10  
Concen: 20.000 ng  
RT: 17.44 min Scan# 2442  
Delta R.T. -0.00 min  
Lab File: BG038621.D  
Acq: 16 Dec 2018 2:08

Instrument :  
BNA\_G  
ClientSampleId :  
WEST-8TH-BOX-COVER-TEST-PIT

Tot Ion:188 Resp: 182430  
Ion Ratio Lower Upper  
188 100  
94 6.3 5.1 7.7  
80 7.7 6.1 9.1

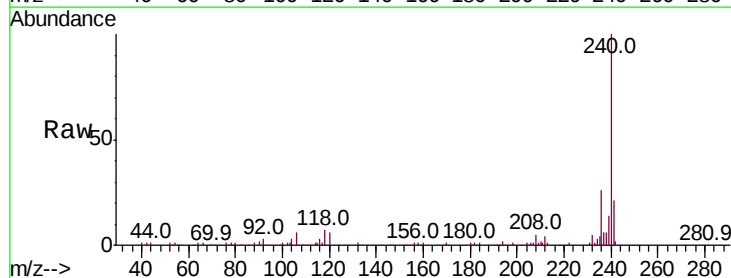


Abundance Ion 188.00 (187.70 to 188.70): E  
Ion 94.00 (93.70 to 94.70): BGC  
Ion 80.00 (79.70 to 80.70): BGC

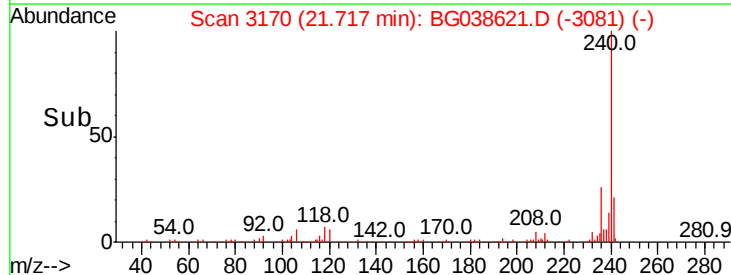
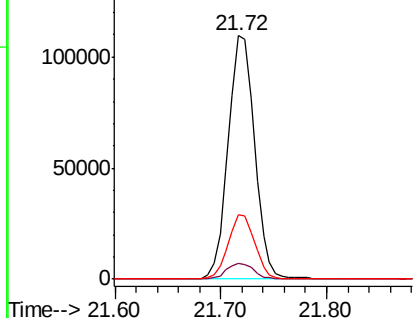


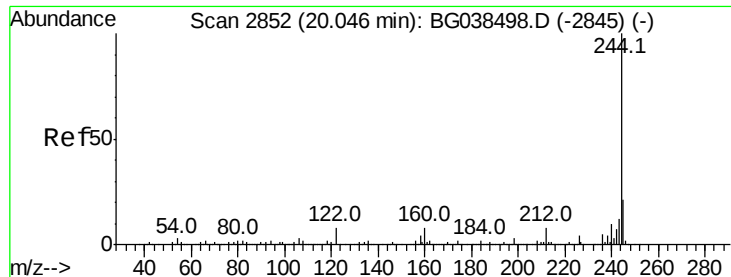
#76  
Chrysene-d12  
Concen: 20.000 ng  
RT: 21.72 min Scan# 3170  
Delta R.T. -0.01 min  
Lab File: BG038621.D  
Acq: 16 Dec 2018 2:08

Tgt Ion:240 Resp: 189529  
Ion Ratio Lower Upper  
240 100  
120 6.5 5.3 7.9  
236 26.3 21.4 32.2



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: 90.477 ng

RT: 20.04 min Scan# 2885

Delta R.T. -0.00 min

Lab File: BG038621.D

Acq: 16 Dec 2018 2:08

Instrument :

BNA\_G

ClientSampleId :

WEST-8TH-BOX-COVER-TEST-PIT

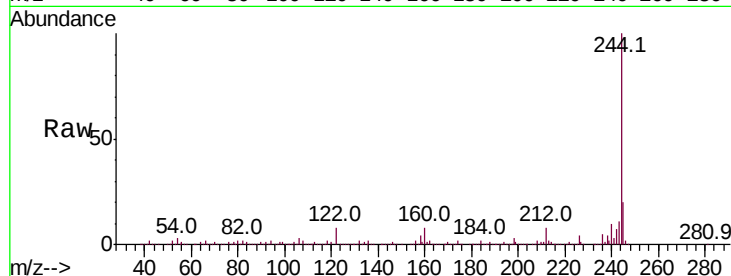
Tot Ion:244 Resp: 787933

Ion Ratio Lower Upper

244 100

212 8.0 6.2 9.2

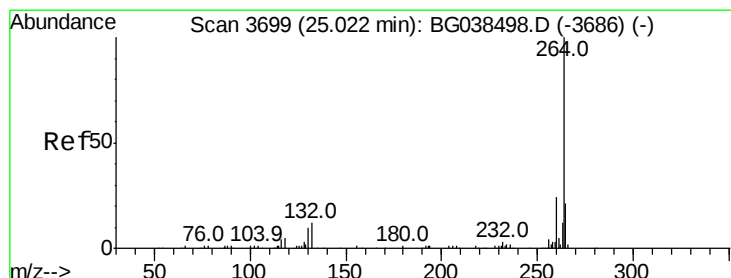
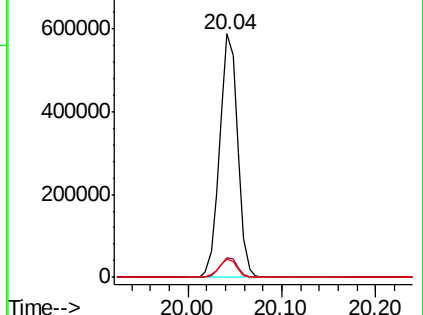
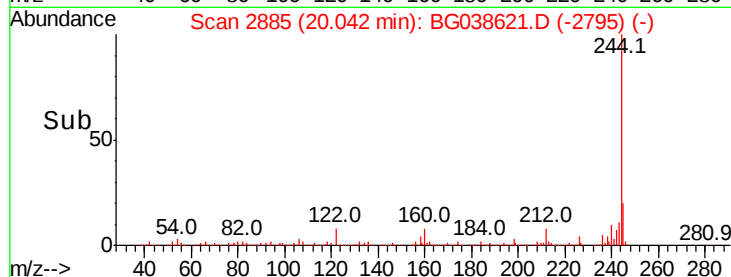
122 7.6 6.3 9.5



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: 25.01 min Scan# 3731

Delta R.T. -0.01 min

Lab File: BG038621.D

Acq: 16 Dec 2018 2:08

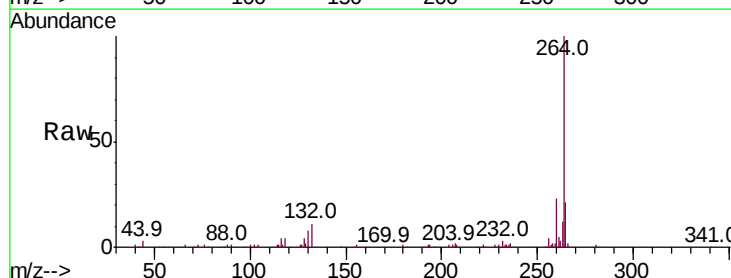
Tgt Ion:264 Resp: 204206

Ion Ratio Lower Upper

264 100

260 22.7 18.9 28.3

265 21.4 17.0 25.4



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

