

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG112718\  
 Data File : BG038200.D  
 Acq On : 28 Nov 2018 14:18  
 Operator : JU/SJ  
 Sample : J6070-09  
 Misc :  
 ALS Vial : 34 Sample Multiplier: 1

Instrument :  
 BNA\_G  
 ClientSampleId :  
 112118-CHDE-E-D-B

Quant Time: Nov 28 15:35:20 2018  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG111318.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Tue Nov 13 16:39:28 2018  
 Response via : Initial Calibration

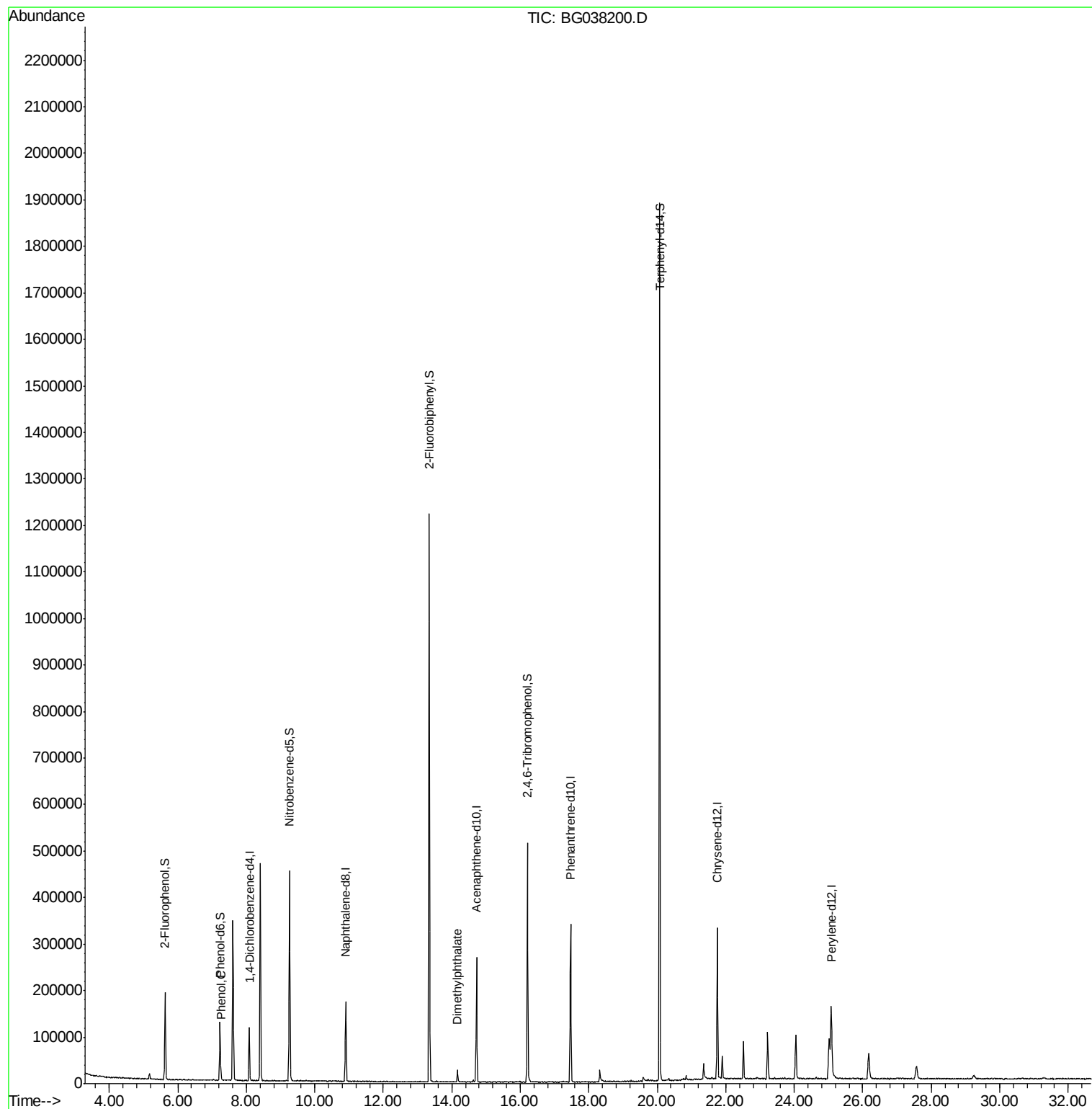
| Internal Standards          | R.T.  | QIon | Response | Conc   | Units | Dev(Min) |
|-----------------------------|-------|------|----------|--------|-------|----------|
| 1) 1,4-Dichlorobenzene-d4   | 8.09  | 152  | 33732    | 20.00  | ng    | 0.00     |
| 21) Naphthalene-d8          | 10.91 | 136  | 154414   | 20.00  | ng    | 0.00     |
| 39) Acenaphthene-d10        | 14.72 | 164  | 97568    | 20.00  | ng    | 0.00     |
| 64) Phenanthrene-d10        | 17.47 | 188  | 220930   | 20.00  | ng    | 0.00     |
| 76) Chrysene-d12            | 21.75 | 240  | 200398   | 20.00  | ng    | 0.00     |
| 87) Perylene-d12            | 25.08 | 264  | 192676   | 20.00  | ng    | 0.00     |
| System Monitoring Compounds |       |      |          |        |       |          |
| 5) 2-Fluorophenol           | 5.63  | 112  | 84843    | 43.43  | ng    | 0.00     |
| 7) Phenol-d6                | 7.23  | 99   | 75447    | 27.05  | ng    | 0.00     |
| 23) Nitrobenzene-d5         | 9.26  | 82   | 282945   | 98.09  | ng    | 0.00     |
| 42) 2,4,6-Tribromophenol    | 16.21 | 330  | 95334    | 85.68  | ng    | 0.00     |
| 45) 2-Fluorobiphenyl        | 13.34 | 172  | 634908   | 94.80  | ng    | 0.00     |
| 79) Terphenyl-d14           | 20.07 | 244  | 933108   | 109.56 | ng    | 0.00     |
| Target Compounds            |       |      |          |        |       |          |
| 10) Phenol                  | 7.26  | 94   | 7253     | 2.455  | ng    | 95       |
| 50) Dimethylphthalate       | 14.16 | 163  | 20349    | 2.631  | ng    | # 97     |

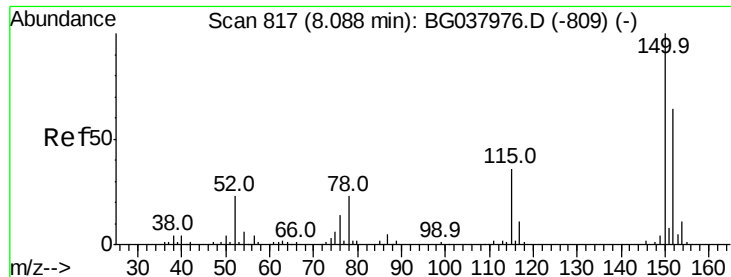
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Misc :  
ALS Vial : 34 Sample Multiplier: 1

Instrument :  
BNA\_G  
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Quant Time: Nov 28 15:35:20 2018  
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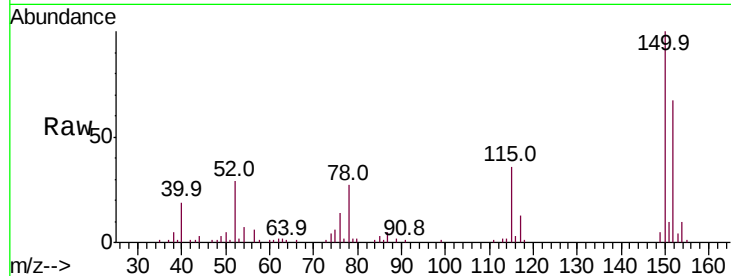


#1

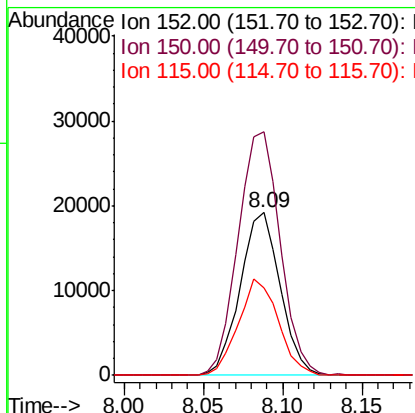
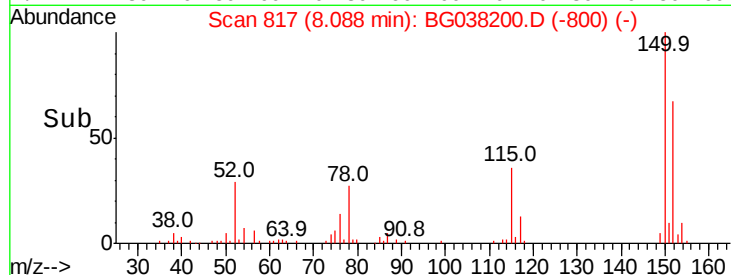
1,4-Dichlorobenzene-d4  
Concen: 20.000 ng  
RT: 8.09 min Scan# 817  
Delta R.T. -0.00 min  
Lab File: BG038200.D  
Acq: 28 Nov 2018 14:18

Instrument :  
BNA\_G  
ClientSampleId :  
112118-CHDE-E-D-B

Tot Ion:152 Resp: 33732  
Ion Ratio Lower Upper  
152 100  
150 149.6 126.0 189.0  
115 53.5 45.5 68.3



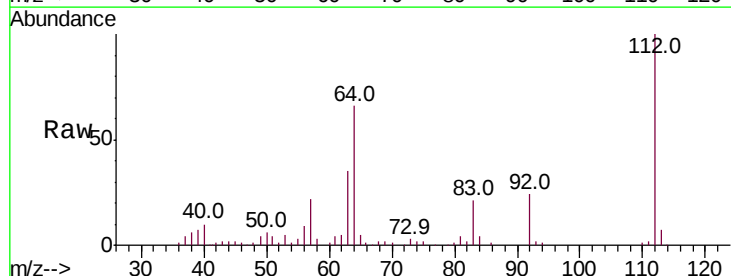
Abundance Ion 152.00 (151.70 to 152.70): E  
Ion 150.00 (149.70 to 150.70): E  
Ion 115.00 (114.70 to 115.70): E



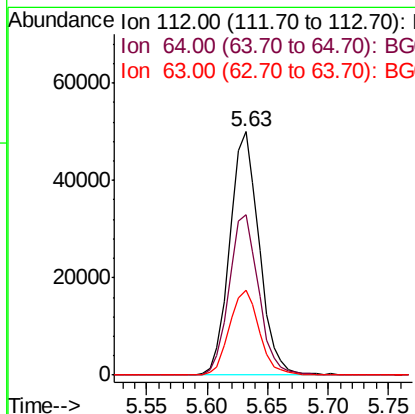
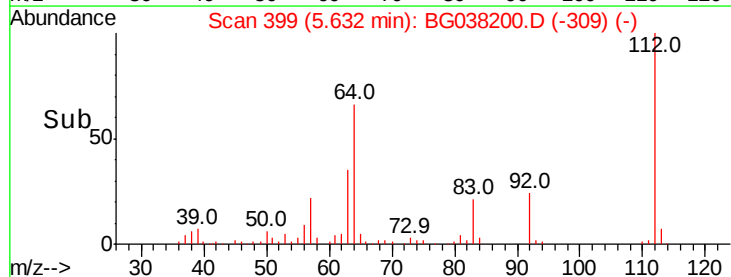
#5

2-Fluorophenol  
Concen: 43.427 ng  
RT: 5.63 min Scan# 399  
Delta R.T. -0.00 min  
Lab File: BG038200.D  
Acq: 28 Nov 2018 14:18

Tgt Ion:112 Resp: 84843  
Ion Ratio Lower Upper  
112 100  
64 65.6 53.1 79.7  
63 34.8 27.3 40.9



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: 27.054 ng

RT: 7.23 min Scan# 671

Delta R.T. -0.00 min

Lab File: BG038200.D

Acq: 28 Nov 2018 14:18

Instrument :

BNA\_G

ClientSampleId :

112118-CHDE-E-D-B

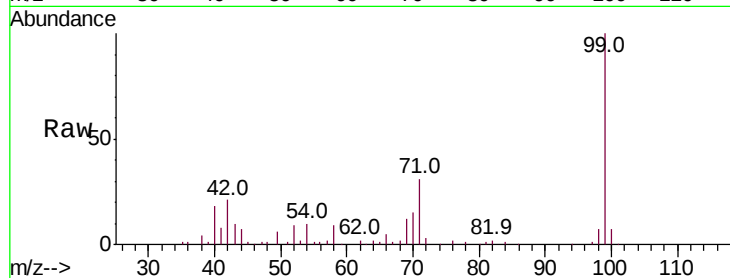
Tot Ion: 99 Resp: 75447

Ion Ratio Lower Upper

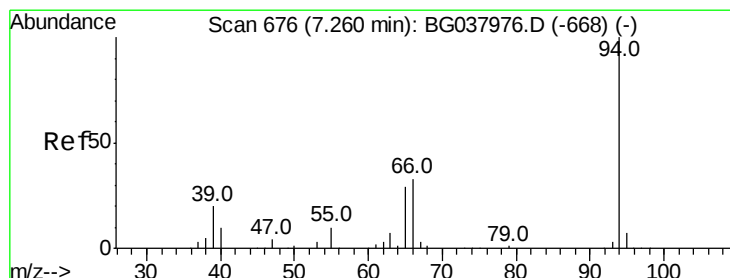
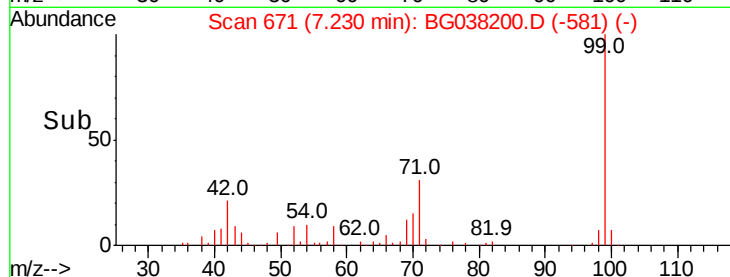
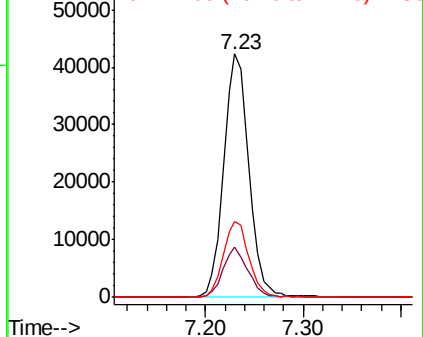
99 100

42 20.9 15.0 22.4

71 31.1 25.5 38.3



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: 2.455 ng

RT: 7.26 min Scan# 676

Delta R.T. -0.00 min

Lab File: BG038200.D

Acq: 28 Nov 2018 14:18

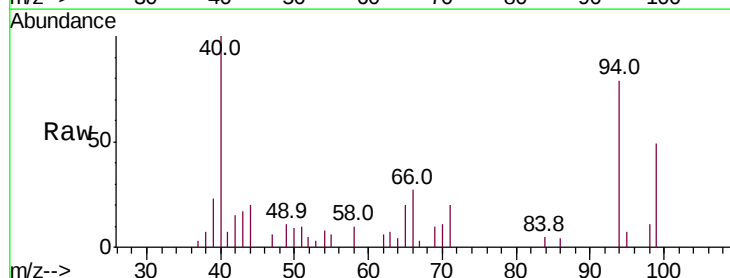
Tgt Ion: 94 Resp: 7253

Ion Ratio Lower Upper

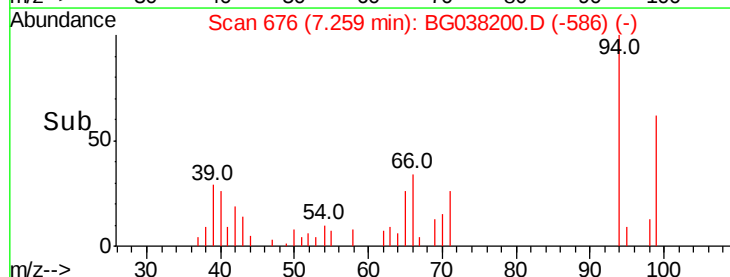
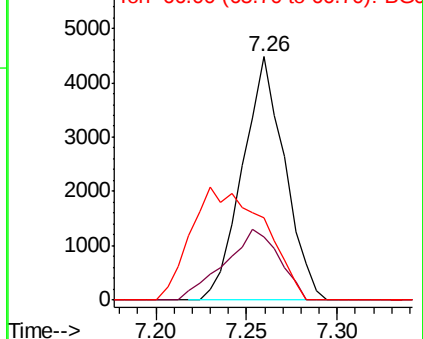
94 100

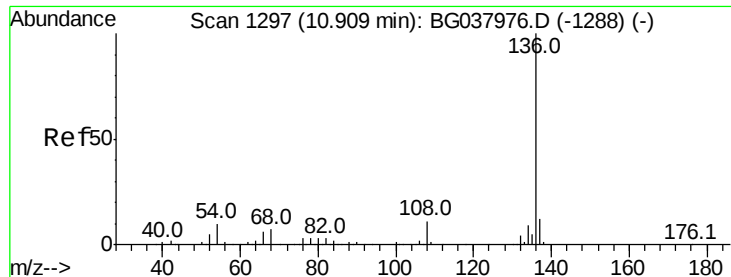
65 25.8 9.7 49.7

66 33.6 15.9 55.9



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

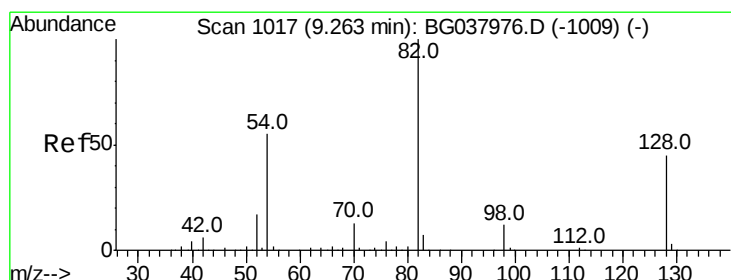
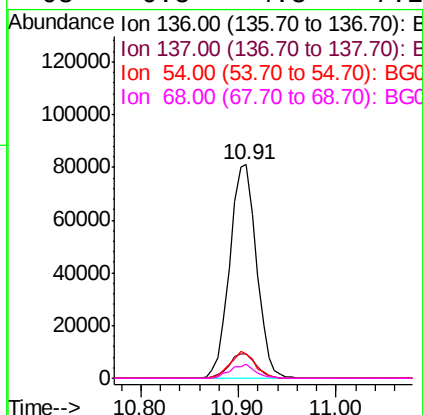
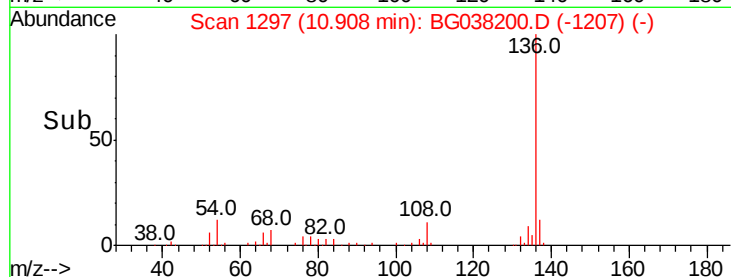
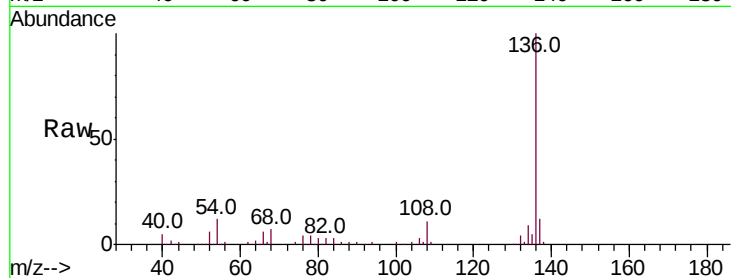




#21  
Naphthalene-d8  
Concen: 20.000 ng  
RT: 10.91 min Scan# 1297  
Delta R.T. -0.00 min  
Lab File: BG038200.D  
Acq: 28 Nov 2018 14:18

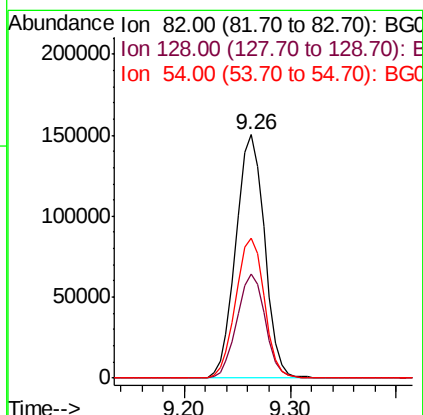
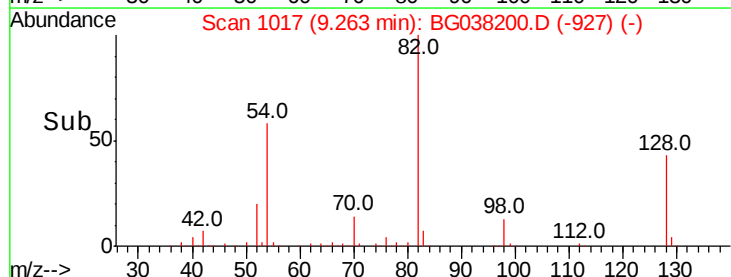
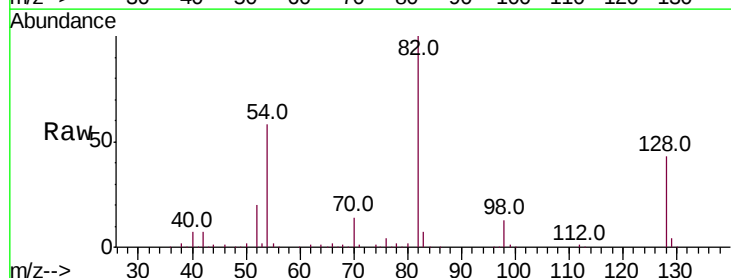
Instrument :  
BNA\_G  
ClientSampleId :  
112118-CHDE-E-D-B

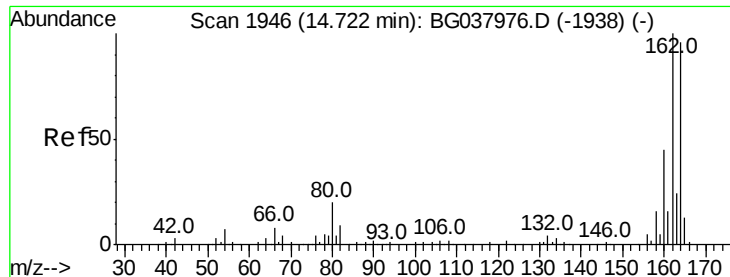
|             |       |             |
|-------------|-------|-------------|
| Tot Ion:136 | Resp: | 154414      |
| Ion         | Ratio | Lower Upper |
| 136         | 100   |             |
| 137         | 11.5  | 9.6 14.4    |
| 54          | 11.6  | 7.9 11.9    |
| 68          | 6.5   | 4.8 7.2     |



#23  
Nitrobenzene-d5  
Concen: 98.088 ng  
RT: 9.26 min Scan# 1017  
Delta R.T. -0.00 min  
Lab File: BG038200.D  
Acq: 28 Nov 2018 14:18

|             |       |             |
|-------------|-------|-------------|
| Tgt Ion: 82 | Resp: | 282945      |
| Ion         | Ratio | Lower Upper |
| 82          | 100   |             |
| 128         | 42.9  | 34.6 51.8   |
| 54          | 57.7  | 45.3 67.9   |

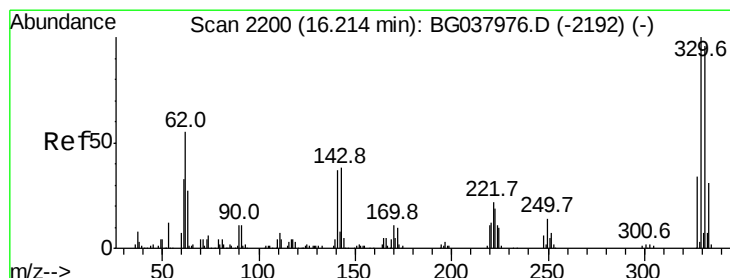
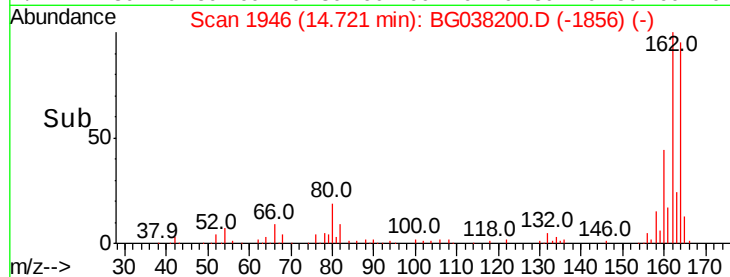
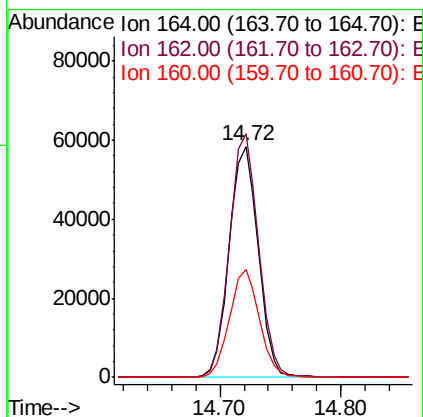
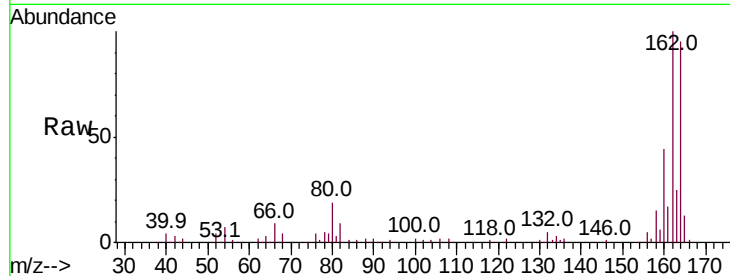




#39  
 Acenaphthene-d10  
 Concen: 20.000 ng  
 RT: 14.72 min Scan# 1946  
 Delta R.T. -0.00 min  
 Lab File: BG038200.D  
 Acq: 28 Nov 2018 14:18

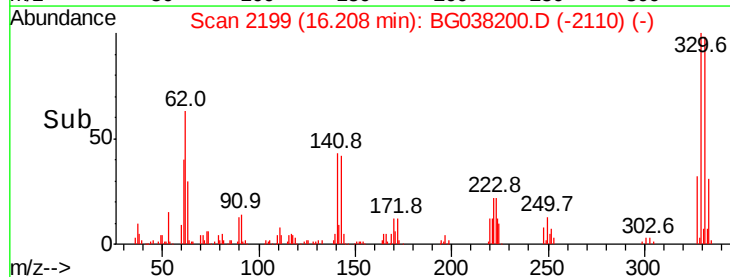
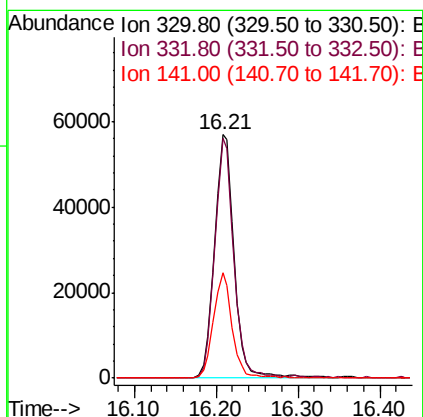
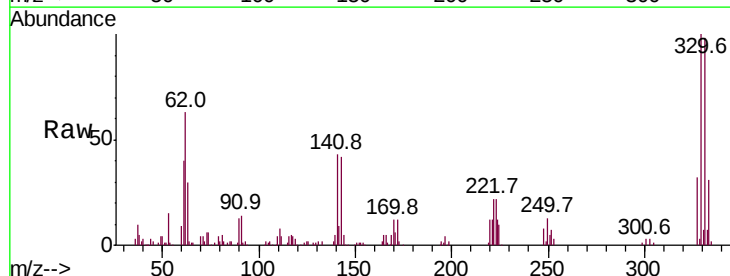
Instrument :  
 BNA\_G  
 ClientSampleId :  
 112118-CHDE-E-D-B

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 164     | 100   |       |       |
| 162     | 105.2 | 81.3  | 121.9 |
| 160     | 46.7  | 36.3  | 54.5  |



#42  
 2,4,6-Tribromophenol  
 Concen: 85.675 ng  
 RT: 16.21 min Scan# 2199  
 Delta R.T. -0.01 min  
 Lab File: BG038200.D  
 Acq: 28 Nov 2018 14:18

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 330     | 100   |       |       |
| 332     | 95.9  | 78.4  | 117.6 |
| 141     | 41.2  | 32.2  | 48.2  |

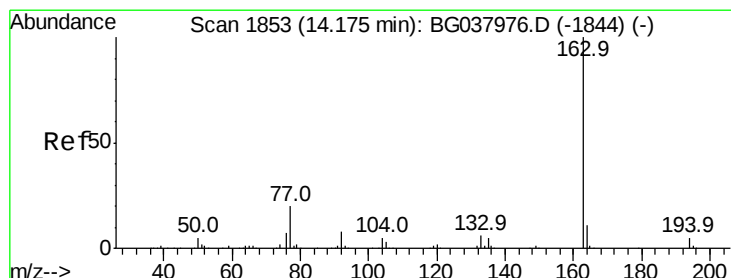
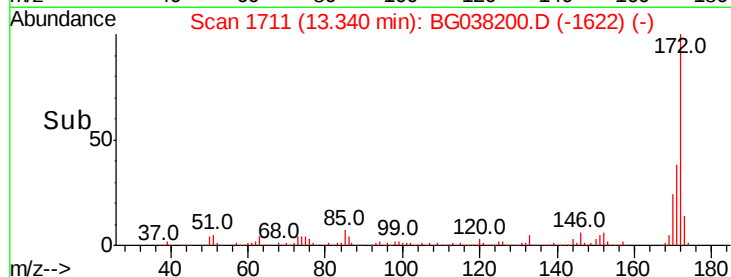
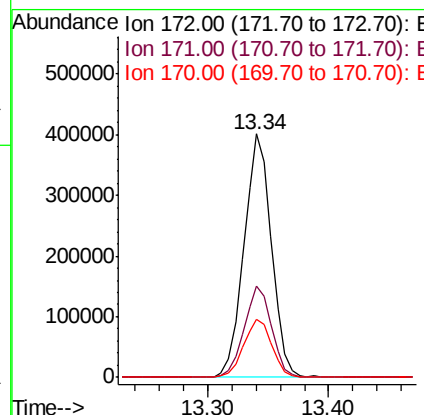
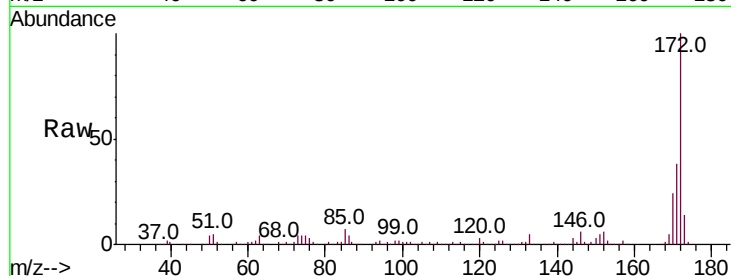




#45  
 2-Fluorobiphenyl  
 Concen: 94.802 ng  
 RT: 13.34 min Scan# 1711  
 Delta R.T. -0.01 min  
 Lab File: BG038200.D  
 Acq: 28 Nov 2018 14:18

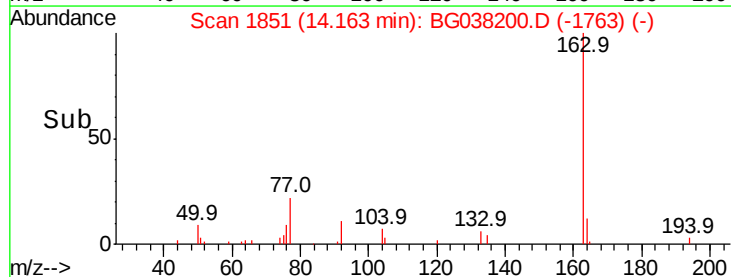
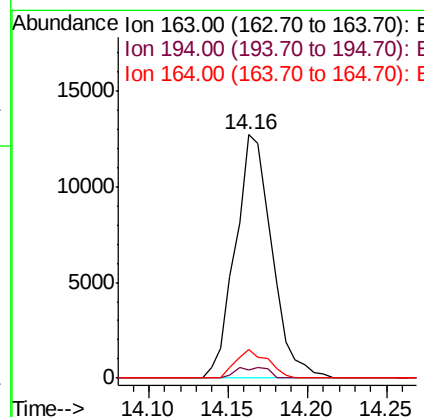
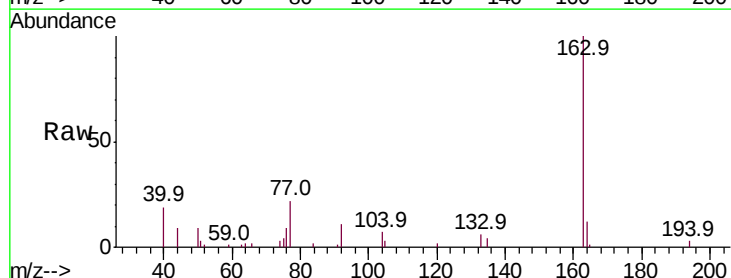
Instrument :  
 BNA\_G  
 ClientSampleId :  
 112118-CHDE-E-D-B

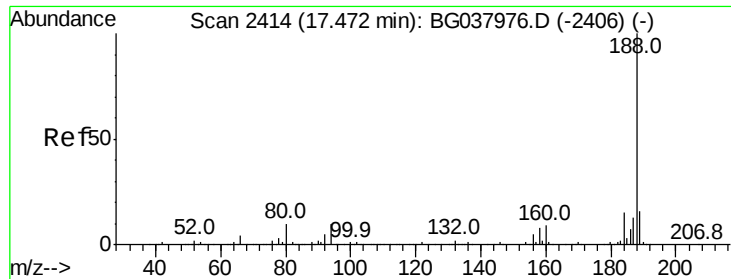
Tot Ion:172 Resp: 634908  
 Ion Ratio Lower Upper  
 172 100  
 171 37.5 31.0 46.4  
 170 24.0 20.2 30.2



#50  
 Dimethylphthalate  
 Concen: 2.631 ng  
 RT: 14.16 min Scan# 1851  
 Delta R.T. -0.01 min  
 Lab File: BG038200.D  
 Acq: 28 Nov 2018 14:18

Tgt Ion:163 Resp: 20349  
 Ion Ratio Lower Upper  
 163 100  
 194 3.3 3.5 5.3#  
 164 11.9 8.5 12.7





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.47 min Scan# 2414

Delta R.T. -0.00 min

Lab File: BG038200.D

Acq: 28 Nov 2018 14:18

Instrument :

BNA\_G

ClientSampleId :

112118-CHDE-E-D-B

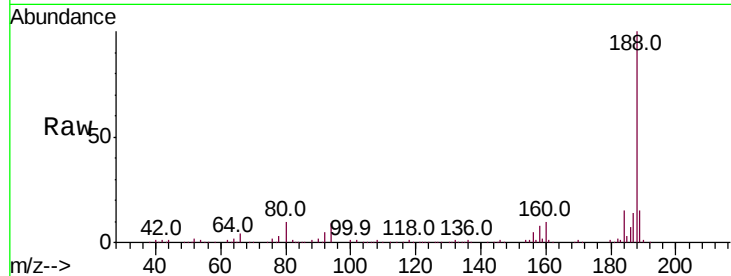
Tot Ion:188 Resp: 220930

Ion Ratio Lower Upper

188 100

94 8.8 7.2 10.8

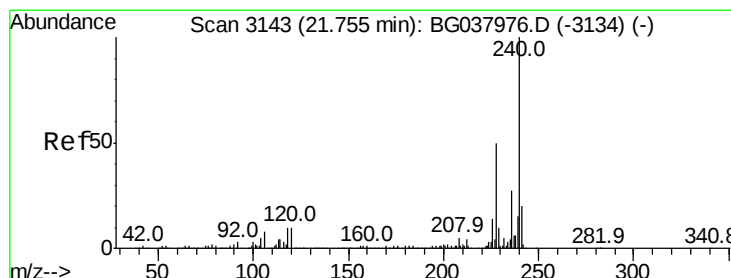
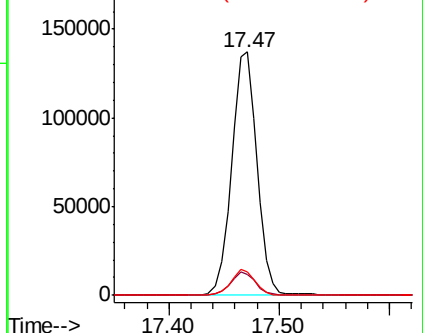
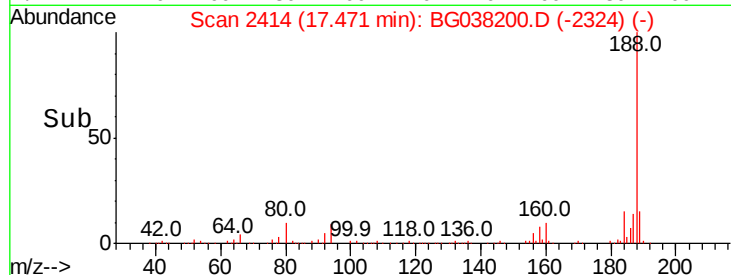
80 9.8 7.7 11.5



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BG

Ion 80.00 (79.70 to 80.70): BG



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.75 min Scan# 3143

Delta R.T. -0.00 min

Lab File: BG038200.D

Acq: 28 Nov 2018 14:18

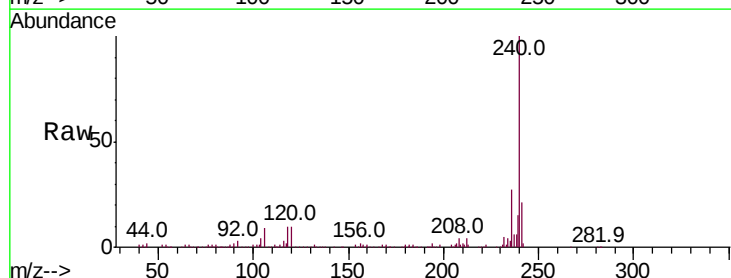
Tgt Ion:240 Resp: 200398

Ion Ratio Lower Upper

240 100

120 10.5 8.1 12.1

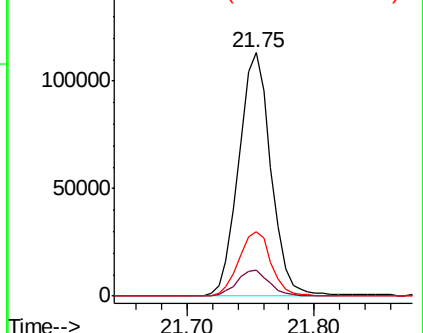
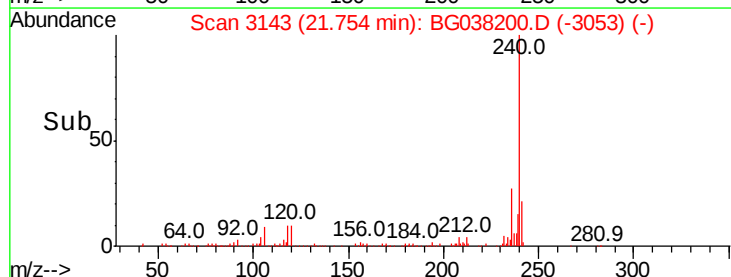
236 26.7 21.4 32.0

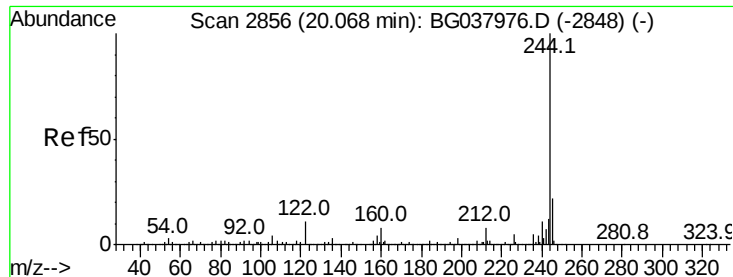


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#79

Terphenyl-d14

Concen: 109.563 ng

RT: 20.07 min Scan# 2856

Delta R.T. -0.00 min

Lab File: BG038200.D

Acq: 28 Nov 2018 14:18

Instrument :

BNA\_G

ClientSampleId :

112118-CHDE-E-D-B

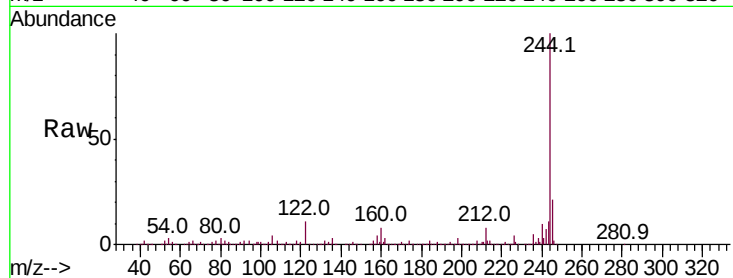
Tot Ion:244 Resp: 933108

Ion Ratio Lower Upper

244 100

212 8.0 6.5 9.7

122 10.8 9.0 13.4

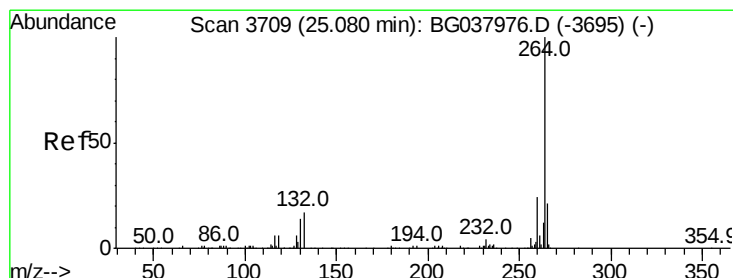
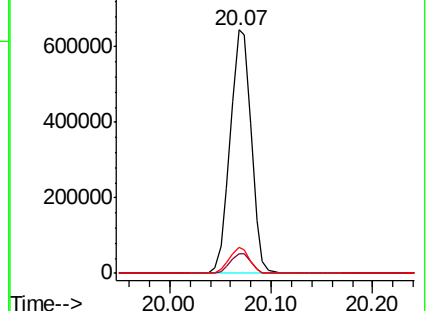
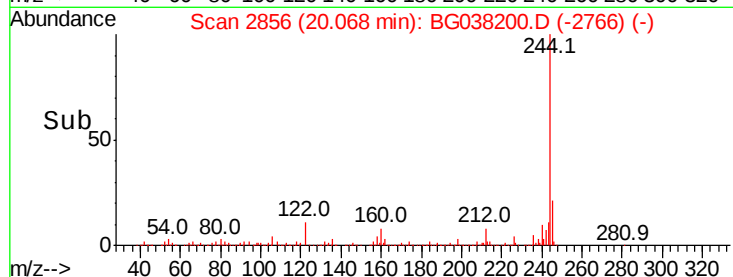


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

20.07



#87

Perylene-d12

Concen: 20.000 ng

RT: 25.08 min Scan# 3709

Delta R.T. -0.00 min

Lab File: BG038200.D

Acq: 28 Nov 2018 14:18

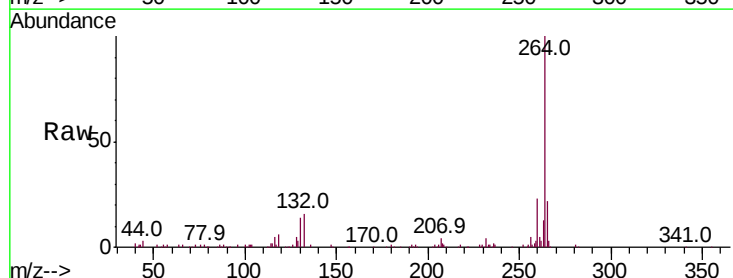
Tgt Ion:264 Resp: 192676

Ion Ratio Lower Upper

264 100

260 22.8 18.2 27.4

265 21.6 17.9 26.9



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

25.08

