

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG112818\  
 Data File : BG038207.D  
 Acq On : 28 Nov 2018 19:53  
 Operator : JU/SJ  
 Sample : J6083-01  
 Misc :  
 ALS Vial : 6 Sample Multiplier: 1

Instrument :  
 BNA\_G  
 ClientSampleId :  
 WC-1

Quant Time: Nov 29 04:45:23 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

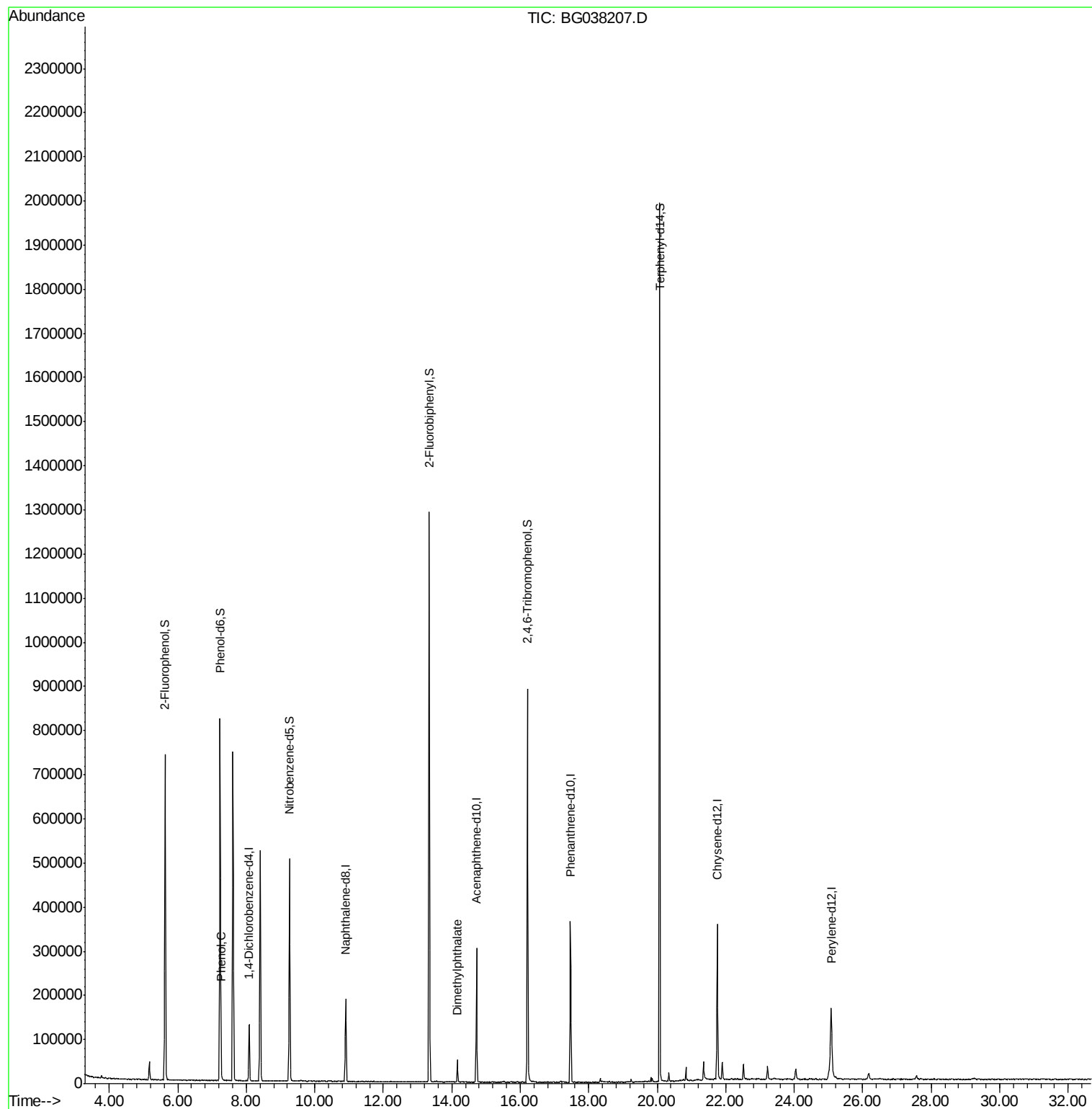
| Internal Standards          | R.T.  | QIon | Response | Conc   | Units | Dev(Min) |
|-----------------------------|-------|------|----------|--------|-------|----------|
| 1) 1,4-Dichlorobenzene-d4   | 8.09  | 152  | 37755    | 20.00  | ng    | 0.00     |
| 21) Naphthalene-d8          | 10.90 | 136  | 167518   | 20.00  | ng    | 0.00     |
| 39) Acenaphthene-d10        | 14.72 | 164  | 107446   | 20.00  | ng    | 0.00     |
| 64) Phenanthrene-d10        | 17.47 | 188  | 235903   | 20.00  | ng    | 0.00     |
| 76) Chrysene-d12            | 21.75 | 240  | 220942   | 20.00  | ng    | 0.00     |
| 87) Perylene-d12            | 25.08 | 264  | 212878   | 20.00  | ng    | 0.00     |
| System Monitoring Compounds |       |      |          |        |       |          |
| 5) 2-Fluorophenol           | 5.63  | 112  | 325097   | 148.67 | ng    | 0.00     |
| 7) Phenol-d6                | 7.24  | 99   | 476128   | 152.54 | ng    | 0.00     |
| 23) Nitrobenzene-d5         | 9.26  | 82   | 307220   | 98.17  | ng    | 0.00     |
| 42) 2,4,6-Tribromophenol    | 16.21 | 330  | 164397   | 134.16 | ng    | 0.00     |
| 45) 2-Fluorobiphenyl        | 13.34 | 172  | 667482   | 90.50  | ng    | 0.00     |
| 79) Terphenyl-d14           | 20.07 | 244  | 927626   | 98.79  | ng    | 0.00     |
| Target Compounds            |       |      |          |        |       |          |
| 10) Phenol                  | 7.27  | 94   | 23357    | 7.065  | ng    | 94       |
| 50) Dimethylphthalate       | 14.16 | 163  | 34997    | 4.109  | ng    | 97       |

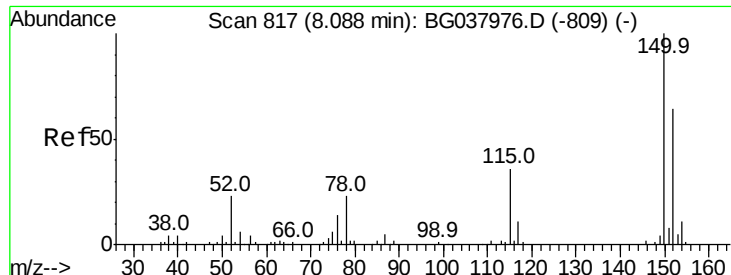
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG112818\  
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QLast Update : Tue Nov 13 16:39:28 2018  
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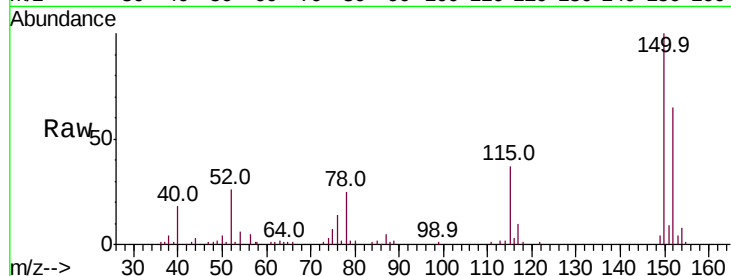


#1

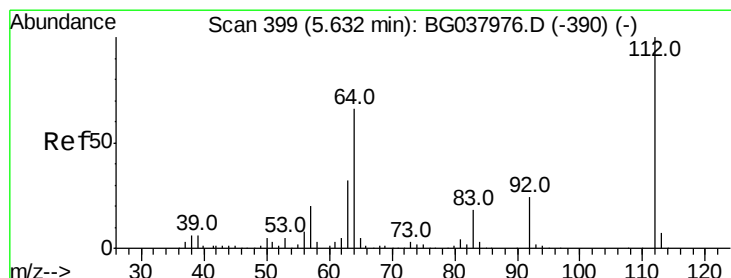
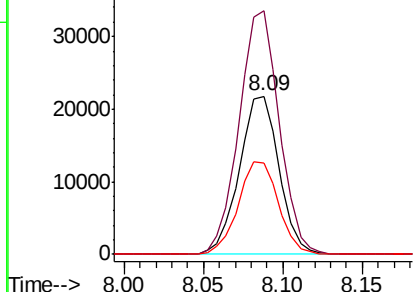
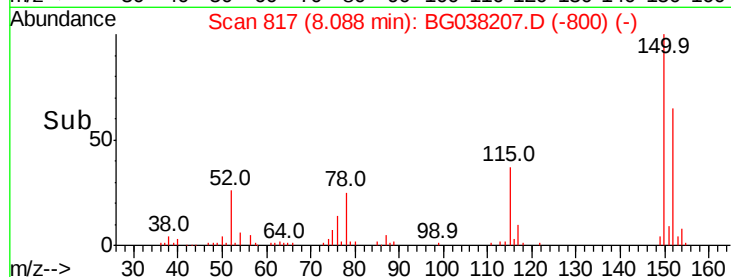
1,4-Dichlorobenzene-d4  
Concen: 20.000 ng  
RT: 8.09 min Scan# 817  
Delta R.T. -0.00 min  
Lab File: BG038207.D  
Acq: 28 Nov 2018 19:53

Instrument :  
BNA\_G  
ClientSampleId :  
WC-1

Tot Ion:152 Resp: 37755  
Ion Ratio Lower Upper  
152 100  
150 154.2 126.0 189.0  
115 57.7 45.5 68.3



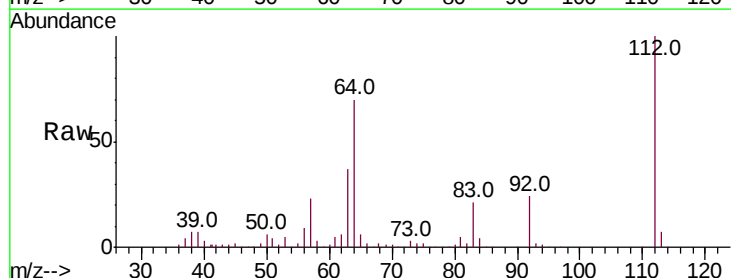
Abundance Ion 152.00 (151.70 to 152.70): E  
Ion 150.00 (149.70 to 150.70): E  
Ion 115.00 (114.70 to 115.70): E



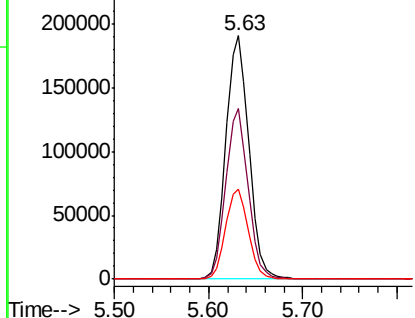
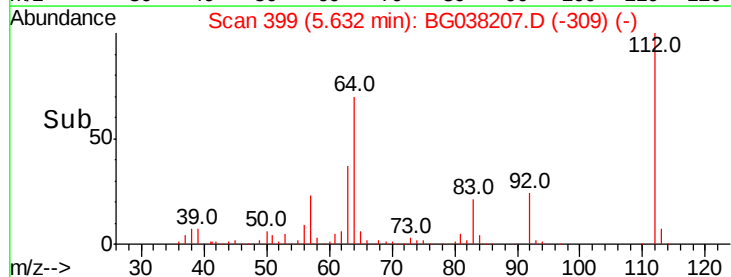
#5

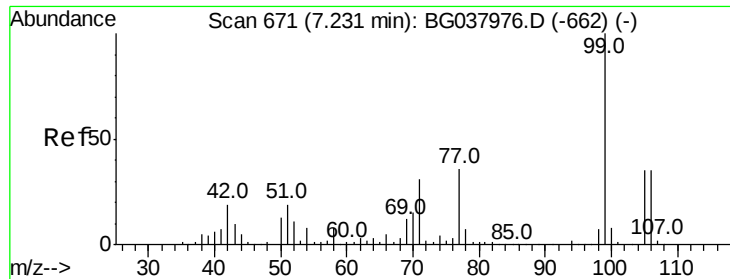
2-Fluorophenol  
Concen: 148.669 ng  
RT: 5.63 min Scan# 399  
Delta R.T. -0.00 min  
Lab File: BG038207.D  
Acq: 28 Nov 2018 19:53

Tgt Ion:112 Resp: 325097  
Ion Ratio Lower Upper  
112 100  
64 69.9 53.1 79.7  
63 37.0 27.3 40.9



Abundance Ion 112.00 (111.70 to 112.70): E  
Ion 64.00 (63.70 to 64.70): BG  
Ion 63.00 (62.70 to 63.70): BG





#7

Phenol-d6

Concen: 152.537 ng

RT: 7.24 min Scan# 672

Delta R.T. 0.01 min

Lab File: BG038207.D

Acq: 28 Nov 2018 19:53

Instrument :

BNA\_G

ClientSampleId :

WC-1

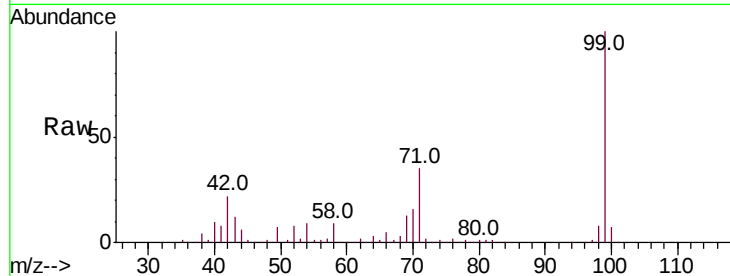
Tot Ion: 99 Resp: 476128

Ion Ratio Lower Upper

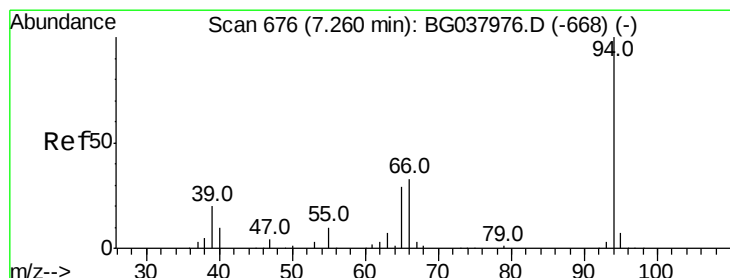
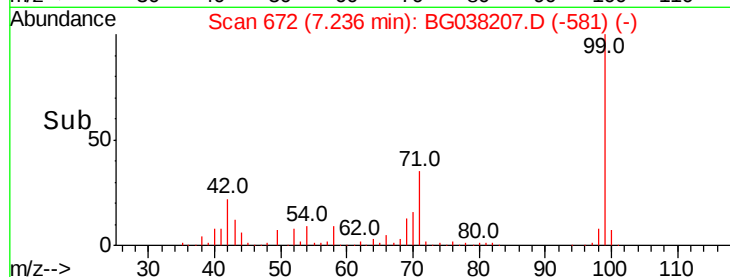
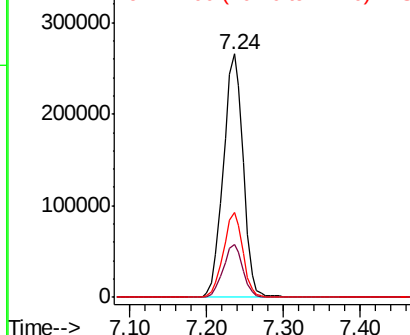
99 100

42 21.7 15.0 22.4

71 35.0 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: 7.065 ng

RT: 7.27 min Scan# 677

Delta R.T. 0.01 min

Lab File: BG038207.D

Acq: 28 Nov 2018 19:53

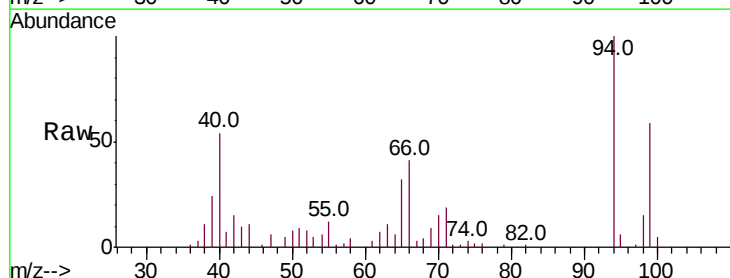
Tgt Ion: 94 Resp: 23357

Ion Ratio Lower Upper

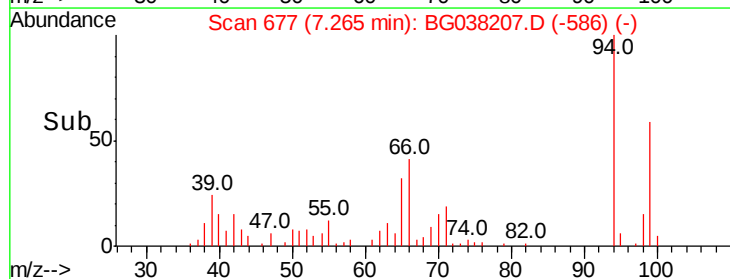
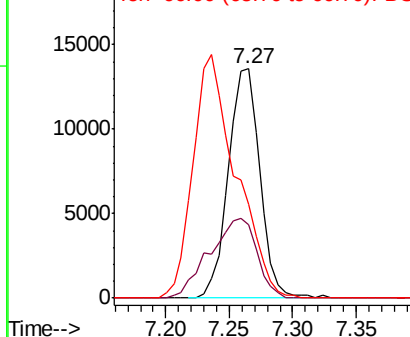
94 100

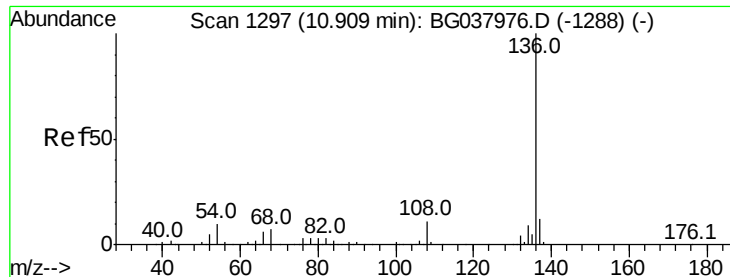
65 31.9 9.7 49.7

66 40.7 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

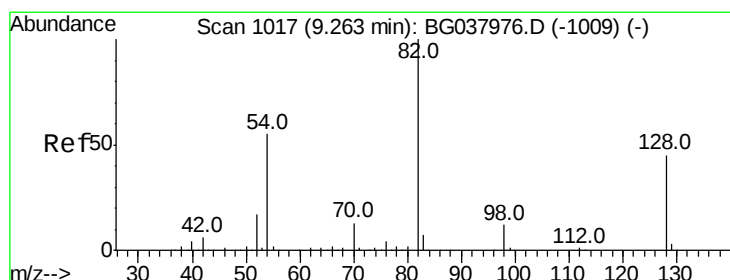
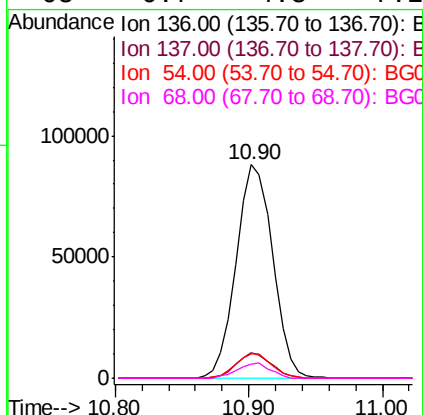
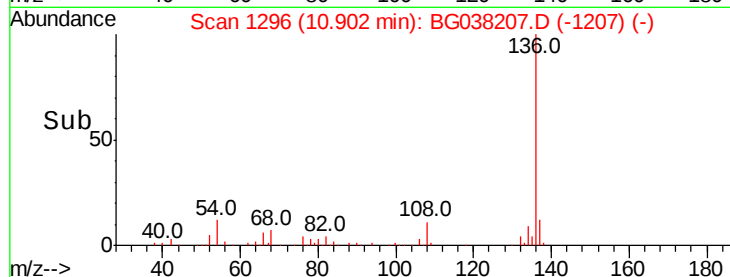
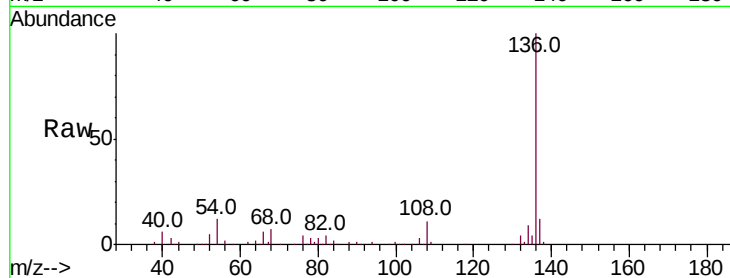




#21  
Naphthalene-d8  
Concen: 20.000 ng  
RT: 10.90 min Scan# 1296  
Delta R.T. -0.01 min  
Lab File: BG038207.D  
Acq: 28 Nov 2018 19:53

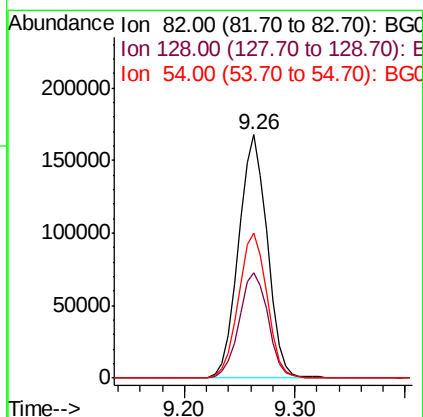
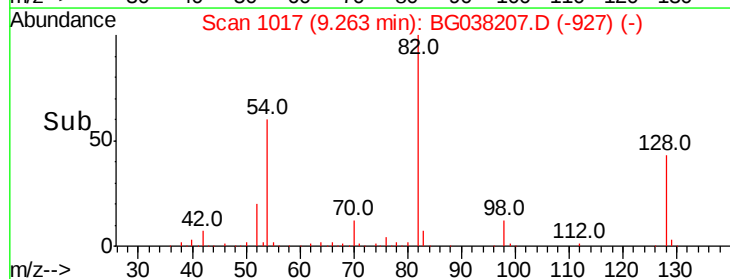
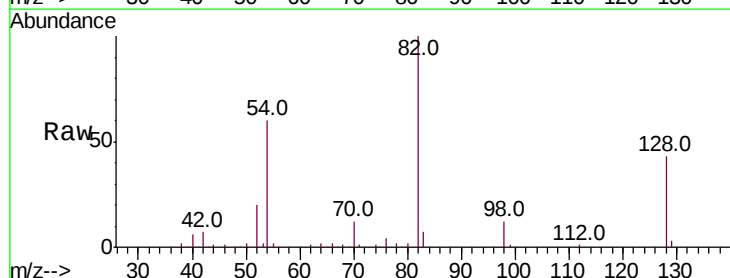
Instrument :  
BNA\_G  
ClientSampleId :  
WC-1

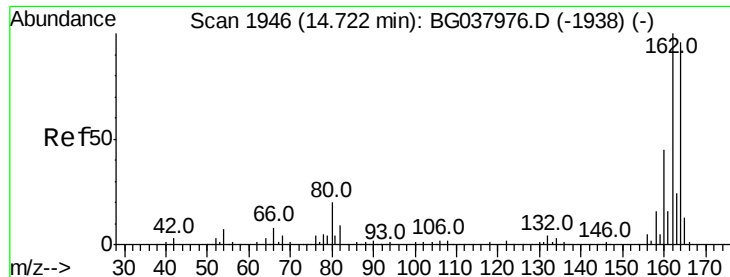
|             |       |             |
|-------------|-------|-------------|
| Tot Ion:136 | Resp: | 167518      |
| Ion         | Ratio | Lower Upper |
| 136         | 100   |             |
| 137         | 12.1  | 9.6 14.4    |
| 54          | 11.6  | 7.9 11.9    |
| 68          | 6.7   | 4.8 7.2     |



#23  
Nitrobenzene-d5  
Concen: 98.172 ng  
RT: 9.26 min Scan# 1017  
Delta R.T. -0.00 min  
Lab File: BG038207.D  
Acq: 28 Nov 2018 19:53

|             |       |             |
|-------------|-------|-------------|
| Tgt Ion: 82 | Resp: | 307220      |
| Ion         | Ratio | Lower Upper |
| 82          | 100   |             |
| 128         | 43.4  | 34.6 51.8   |
| 54          | 59.7  | 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: BG038207.D

Acq: 28 Nov 2018 19:53

Instrument :

BNA\_G

ClientSampled :

WC-1

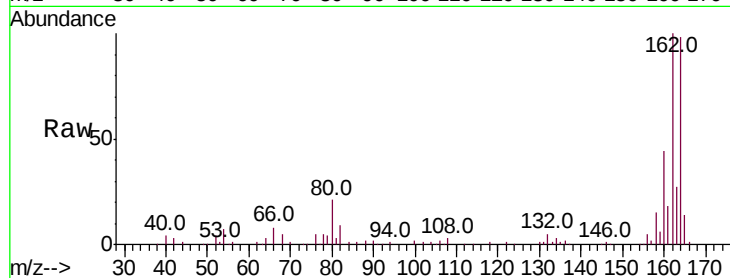
Tot Ion:164 Resp: 107446

Ion Ratio Lower Upper

164 100

162 102.4 81.3 121.9

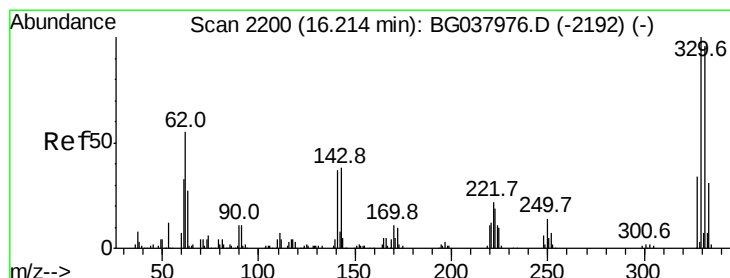
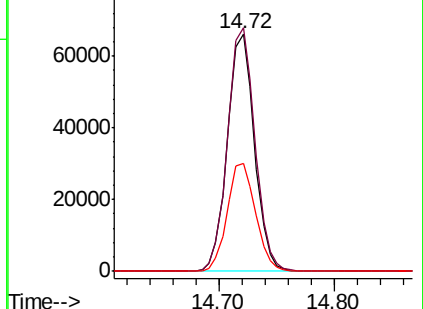
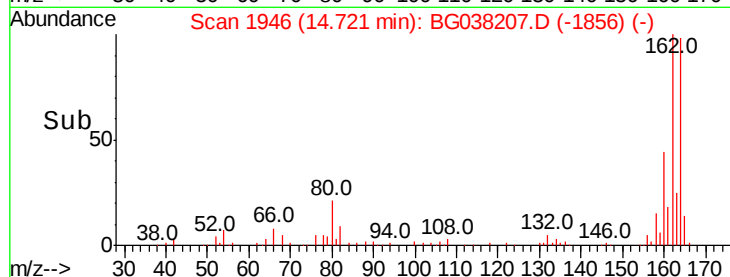
160 45.5 36.3 54.5



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: 134.158 ng

RT: 16.21 min Scan# 2199

Delta R.T. -0.01 min

Lab File: BG038207.D

Acq: 28 Nov 2018 19:53

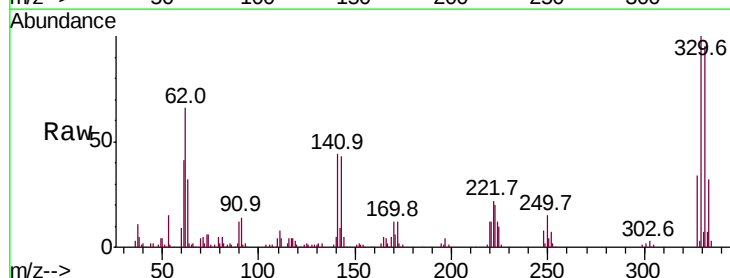
Tgt Ion:330 Resp: 164397

Ion Ratio Lower Upper

330 100

332 94.7 78.4 117.6

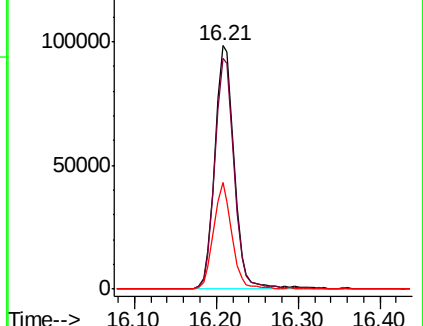
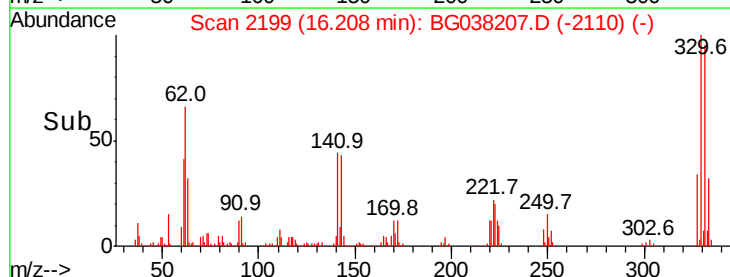
141 40.9 32.2 48.2

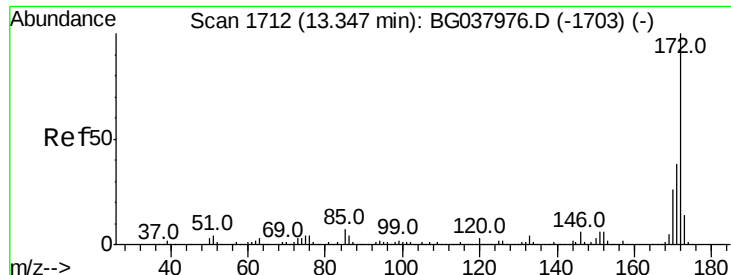


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

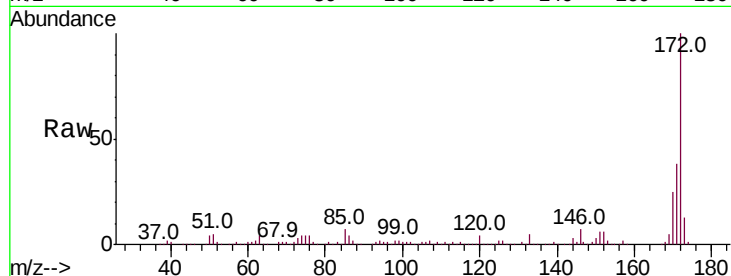




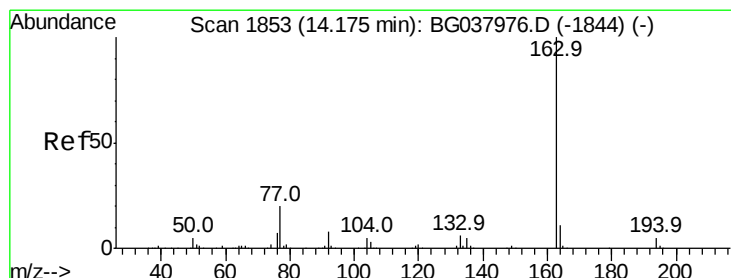
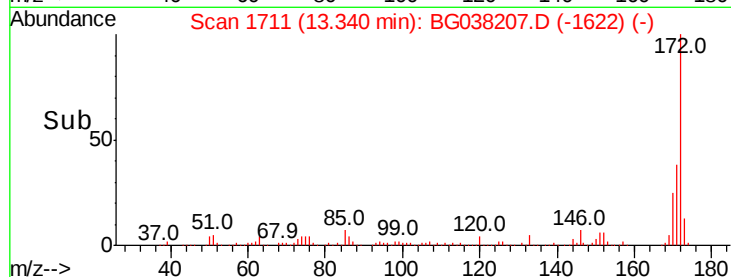
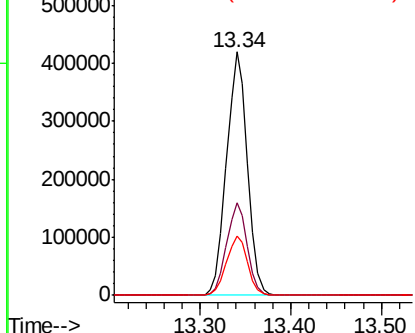
#45  
 2-Fluorobiphenyl  
 Concen: 90.503 ng  
 RT: 13.34 min Scan# 1711  
 Delta R.T. -0.01 min  
 Lab File: BG038207.D  
 Acq: 28 Nov 2018 19:53

Instrument :  
 BNA\_G  
 ClientSampled :  
 WC-1

Tot Ion:172 Resp: 667482  
 Ion Ratio Lower Upper  
 172 100  
 171 37.8 31.0 46.4  
 170 24.6 20.2 30.2

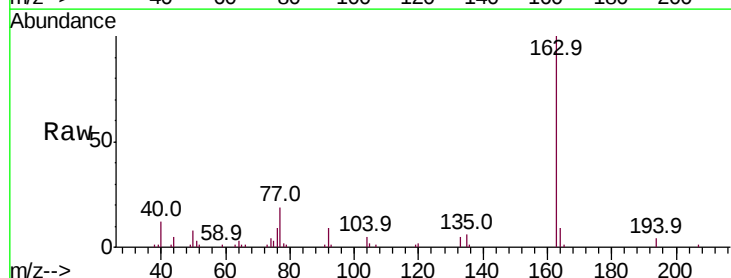


Abundance Ion 172.00 (171.70 to 172.70): E  
 Ion 171.00 (170.70 to 171.70): E  
 Ion 170.00 (169.70 to 170.70): E

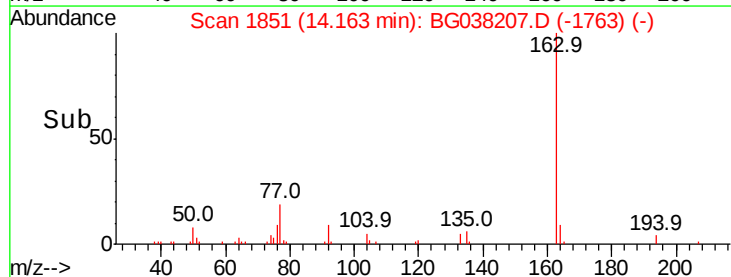
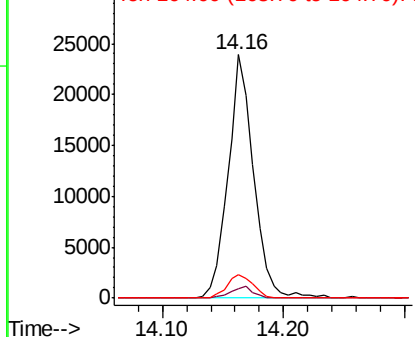


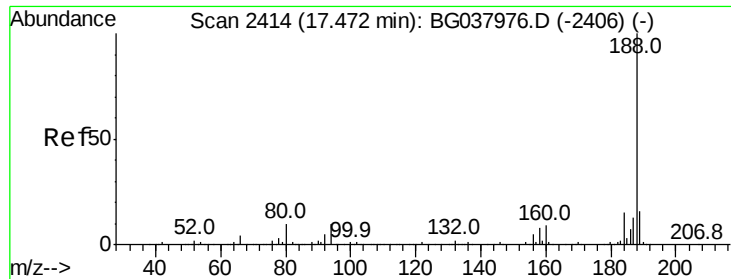
#50  
 Dimethylphthalate  
 Concen: 4.109 ng  
 RT: 14.16 min Scan# 1851  
 Delta R.T. -0.01 min  
 Lab File: BG038207.D  
 Acq: 28 Nov 2018 19:53

Tgt Ion:163 Resp: 34997  
 Ion Ratio Lower Upper  
 163 100  
 194 3.7 3.5 5.3  
 164 9.4 8.5 12.7



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: 17.47 min Scan# 2414

Delta R.T. -0.00 min

Lab File: BG038207.D

Acq: 28 Nov 2018 19:53

Instrument :

BNA\_G

ClientSampleId :

WC-1

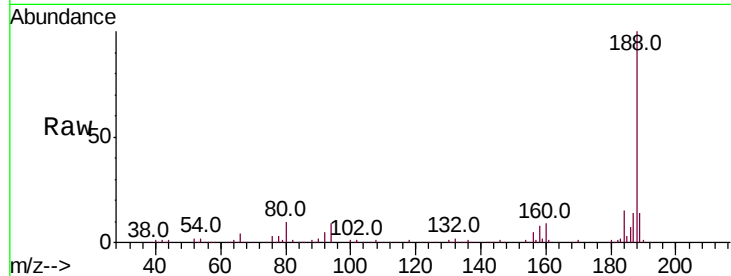
Tot Ion:188 Resp: 235903

Ion Ratio Lower Upper

188 100

94 9.0 7.2 10.8

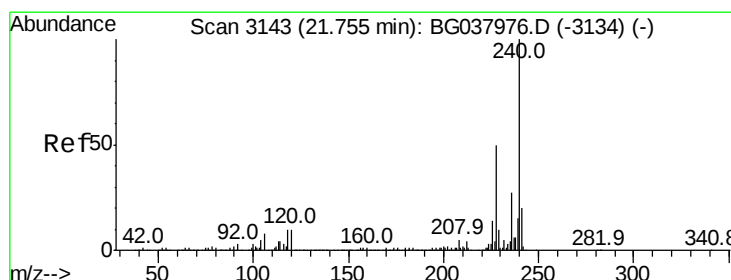
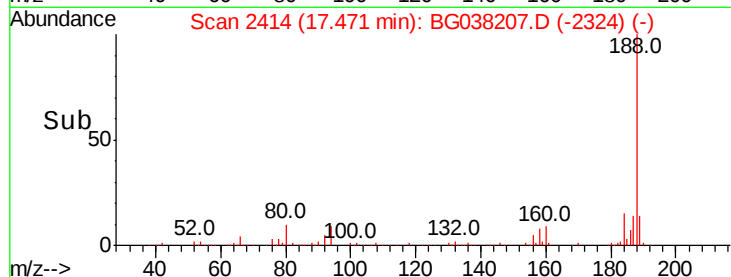
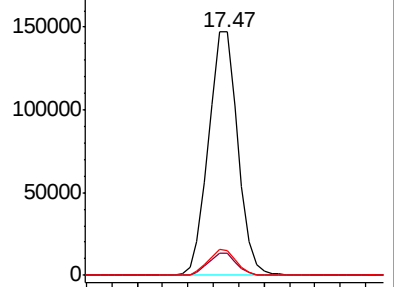
80 10.0 7.7 11.5



Abundance Ion 188.00 (187.70 to 188.70): E

200000 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: 21.75 min Scan# 3142

Delta R.T. -0.01 min

Lab File: BG038207.D

Acq: 28 Nov 2018 19:53

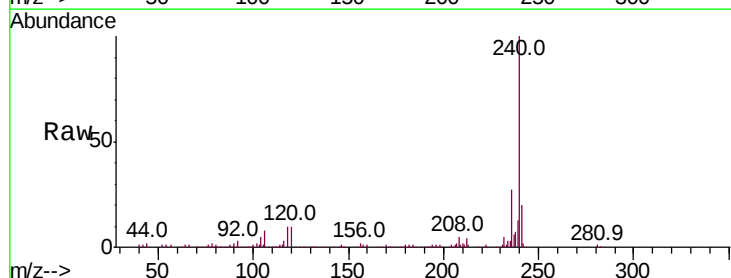
Tgt Ion:240 Resp: 220942

Ion Ratio Lower Upper

240 100

120 10.4 8.1 12.1

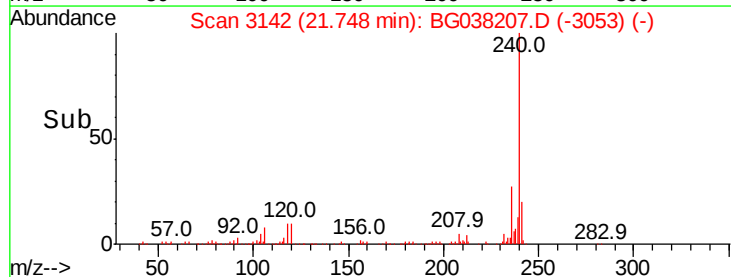
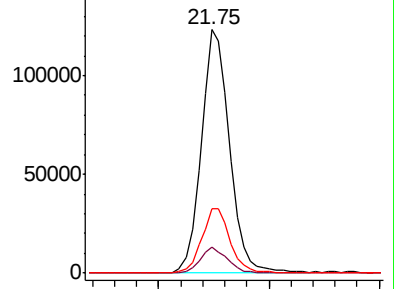
236 26.6 21.4 32.0

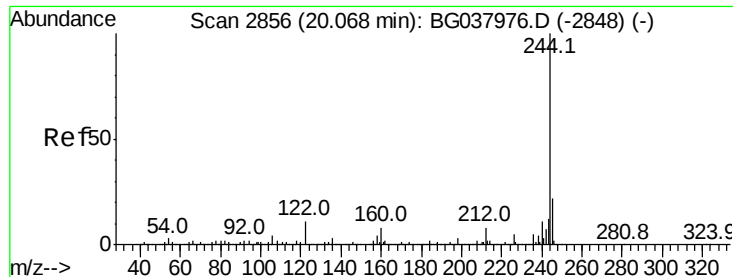


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E

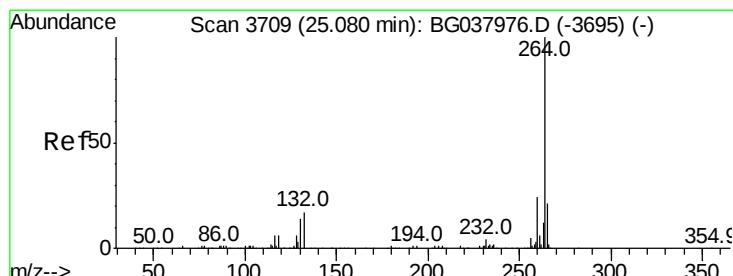
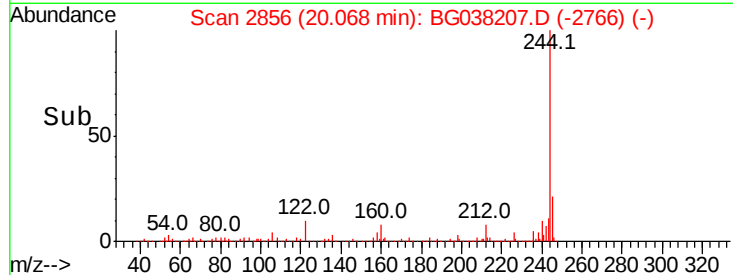
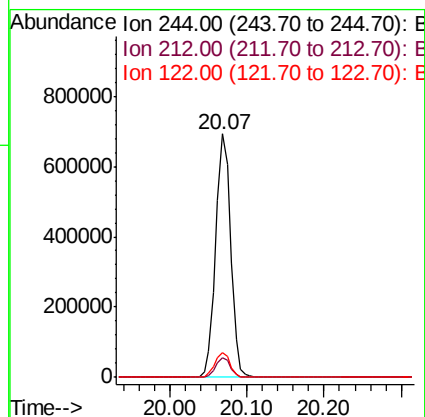
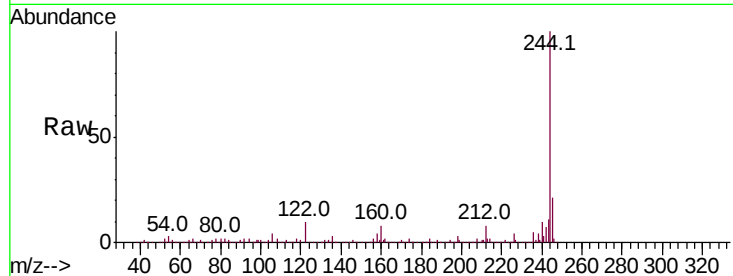




#79  
 Terphenyl-d14  
 Concen: 98.791 ng  
 RT: 20.07 min Scan# 2856  
 Delta R.T. -0.00 min  
 Lab File: BG038207.D  
 Acq: 28 Nov 2018 19:53

Instrument :  
 BNA\_G  
 ClientSampleId :  
 WC-1

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 244     | 100   |       |       |
| 212     | 7.8   | 6.5   | 9.7   |
| 122     | 10.0  | 9.0   | 13.4  |



#87  
 Perylene-d12  
 Concen: 20.000 ng  
 RT: 25.08 min Scan# 3709  
 Delta R.T. -0.00 min  
 Lab File: BG038207.D  
 Acq: 28 Nov 2018 19:53

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 264     | 100   |       |       |
| 260     | 22.2  | 18.2  | 27.4  |
| 265     | 20.2  | 17.9  | 26.9  |

