

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG121918\  
 Data File : BG038760.D  
 Acq On : 20 Dec 2018 12:53  
 Operator : JU/SJ  
 Sample : J6445-04  
 Misc :  
 ALS Vial : 32 Sample Multiplier: 1

Instrument :  
 BNA\_G  
 ClientSampleId :  
 EB02\_6-8

Quant Time: Dec 20 15:29:28 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

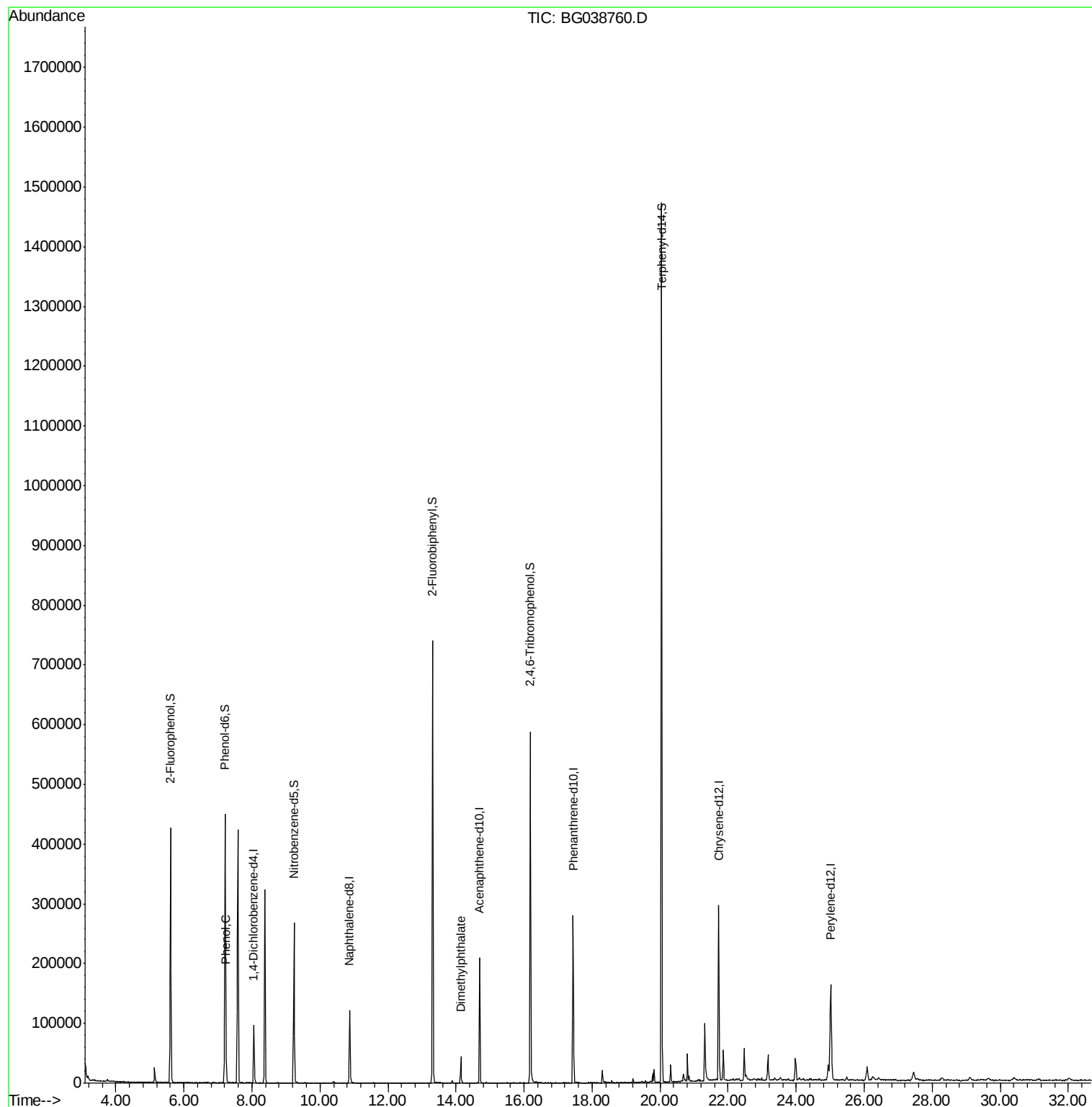
| Internal Standards          | R.T.  | QIon | Response | Conc   | Units | Dev(Min) |
|-----------------------------|-------|------|----------|--------|-------|----------|
| 1) 1,4-Dichlorobenzene-d4   | 8.05  | 152  | 28466    | 20.00  | ng    | 0.00     |
| 21) Naphthalene-d8          | 10.87 | 136  | 112254   | 20.00  | ng    | 0.00     |
| 39) Acenaphthene-d10        | 14.69 | 164  | 77456    | 20.00  | ng    | 0.00     |
| 64) Phenanthrene-d10        | 17.44 | 188  | 188926   | 20.00  | ng    | 0.00     |
| 76) Chrysene-d12            | 21.72 | 240  | 191581   | 20.00  | ng    | 0.00     |
| 87) Perylene-d12            | 25.02 | 264  | 204749   | 20.00  | ng    | 0.00     |
| System Monitoring Compounds |       |      |          |        |       |          |
| 5) 2-Fluorophenol           | 5.61  | 112  | 185048   | 115.30 | ng    | 0.00     |
| 7) Phenol-d6                | 7.21  | 99   | 252120   | 114.43 | ng    | 0.00     |
| 23) Nitrobenzene-d5         | 9.23  | 82   | 156474   | 71.21  | ng    | 0.00     |
| 42) 2,4,6-Tribromophenol    | 16.19 | 330  | 125341   | 117.42 | ng    | 0.00     |
| 45) 2-Fluorobiphenyl        | 13.31 | 172  | 408264   | 72.31  | ng    | 0.00     |
| 79) Terphenyl-d14           | 20.04 | 244  | 751528   | 85.37  | ng    | 0.00     |
| Target Compounds            |       |      |          |        |       |          |
| 10) Phenol                  | 7.24  | 94   | 15717    | 6.715  | ng    | 89       |
| 50) Dimethylphthalate       | 14.14 | 163  | 34794    | 5.501  | ng    | 99       |

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

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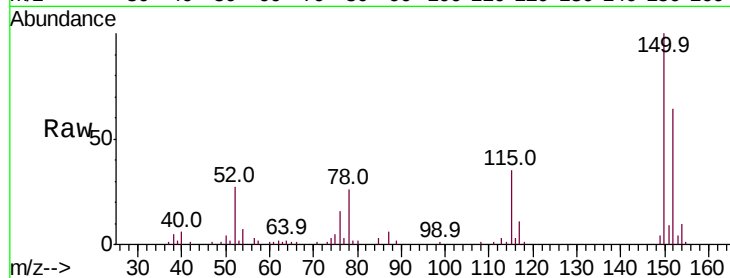


#1

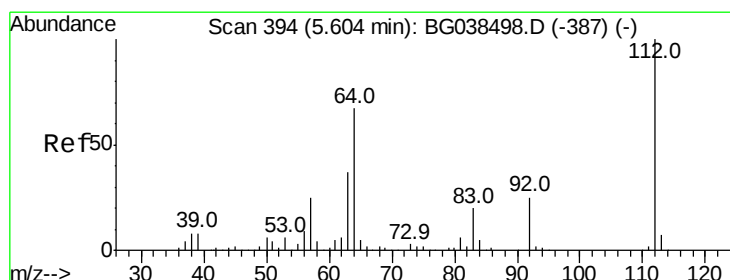
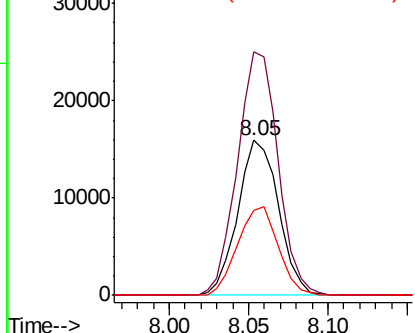
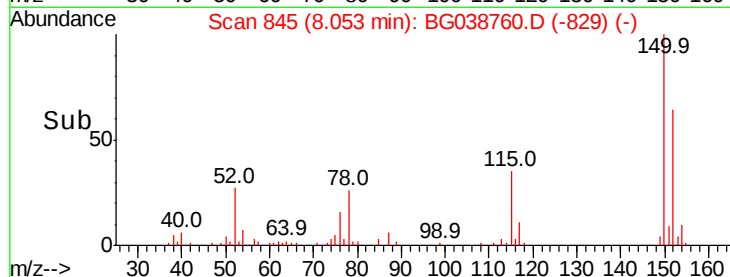
1,4-Dichlorobenzene-d4  
 Concen: 20.000 ng  
 RT: 8.05 min Scan# 845  
 Delta R.T. -0.01 min  
 Lab File: BG038760.D  
 Acq: 20 Dec 2018 12:53

Instrument :  
 BNA\_G  
 ClientSampleId :  
 EB02\_6-8

Tot Ion:152 Resp: 28466  
 Ion Ratio Lower Upper  
 152 100  
 150 157.0 119.5 179.3  
 115 55.0 49.6 74.4



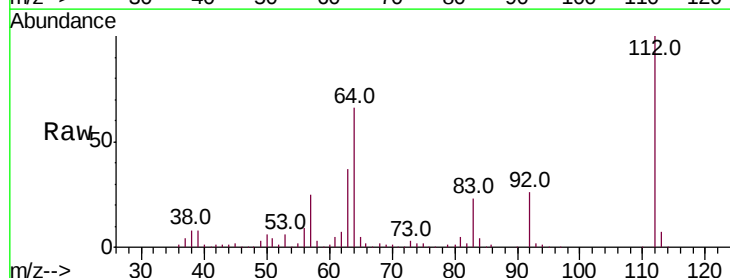
Abundance Ion 152.00 (151.70 to 152.70): E  
 Ion 150.00 (149.70 to 150.70): E  
 Ion 115.00 (114.70 to 115.70): E



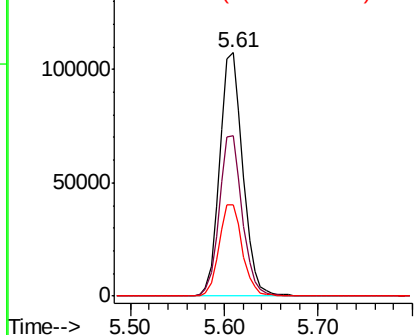
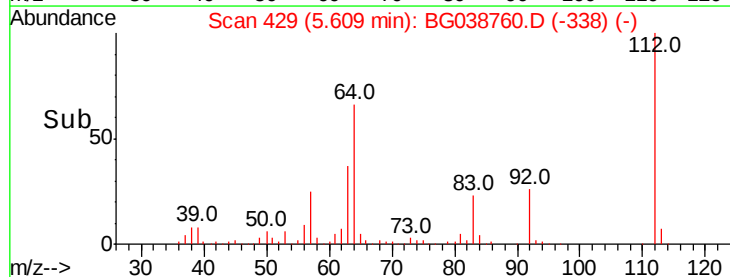
#5

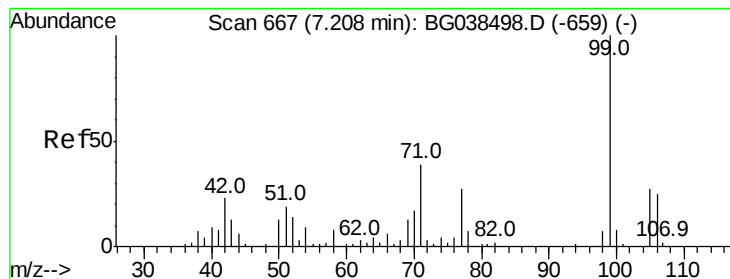
2-Fluorophenol  
 Concen: 115.299 ng  
 RT: 5.61 min Scan# 429  
 Delta R.T. 0.01 min  
 Lab File: BG038760.D  
 Acq: 20 Dec 2018 12:53

Tgt Ion:112 Resp: 185048  
 Ion Ratio Lower Upper  
 112 100  
 64 66.0 53.4 80.2  
 63 37.3 29.3 43.9



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: 114.430 ng

RT: 7.21 min Scan# 702

Delta R.T. 0.01 min

Lab File: BG038760.D

Acq: 20 Dec 2018 12:53

Instrument :

BNA\_G

ClientSampleId :

EB02\_6-8

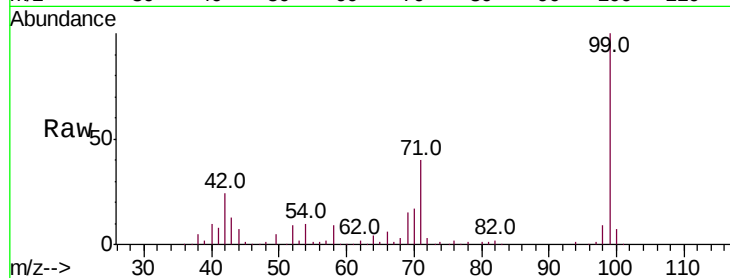
Tot Ion: 99 Resp: 252120

Ion Ratio Lower Upper

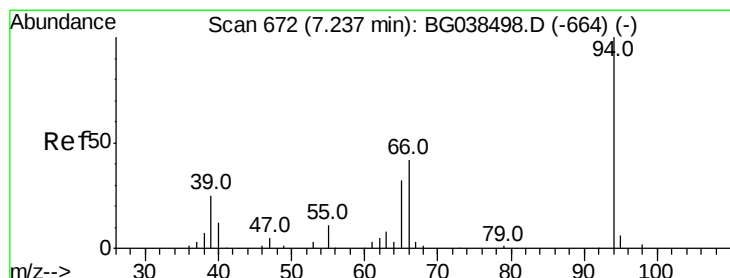
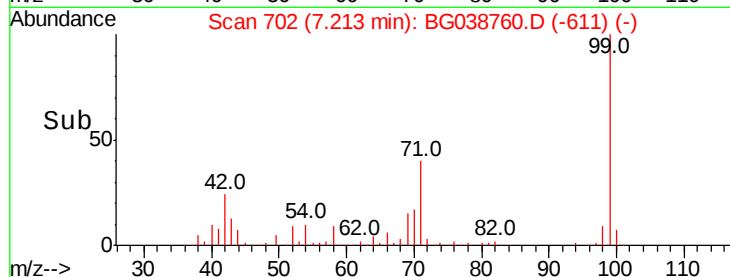
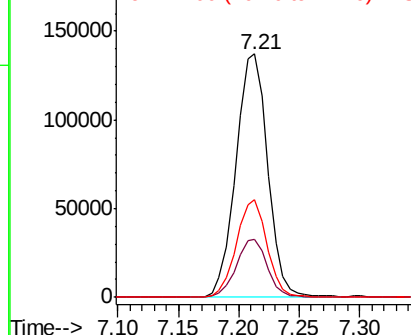
99 100

42 23.9 18.5 27.7

71 40.3 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: 6.715 ng

RT: 7.24 min Scan# 706

Delta R.T. -0.00 min

Lab File: BG038760.D

Acq: 20 Dec 2018 12:53

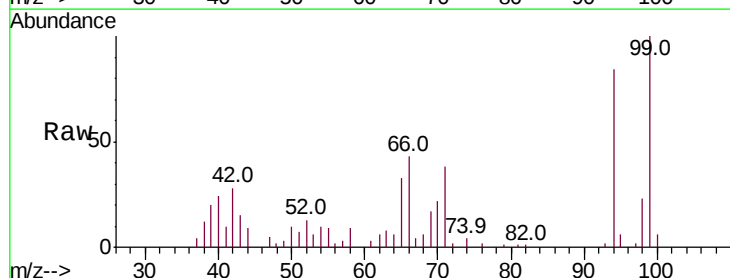
Tgt Ion: 94 Resp: 15717

Ion Ratio Lower Upper

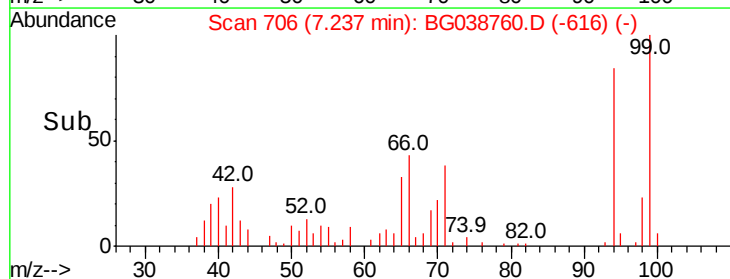
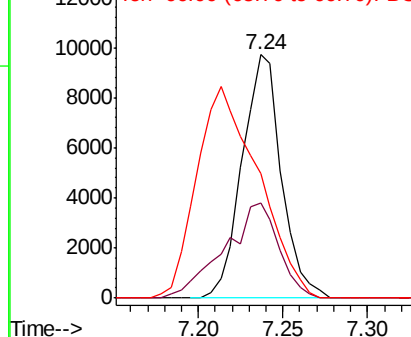
94 100

65 39.1 12.6 52.6

66 51.2 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

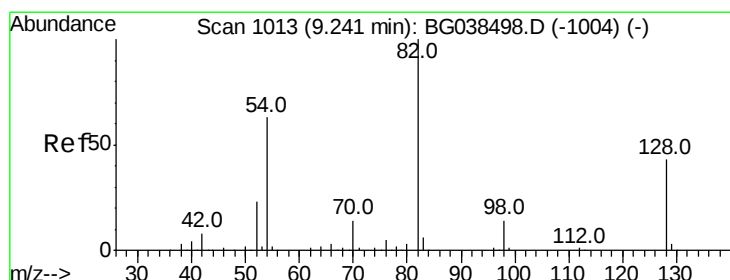
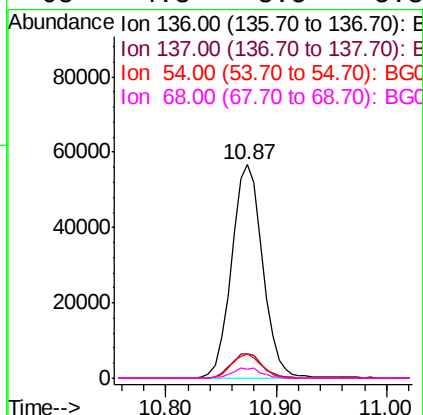
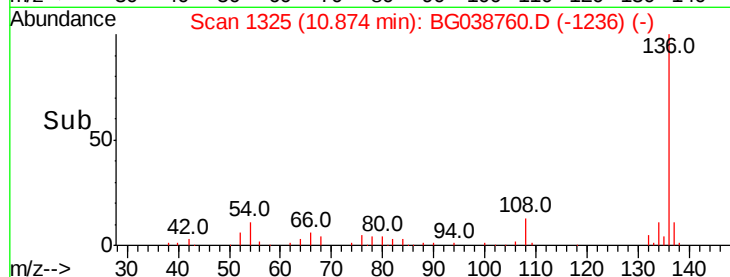
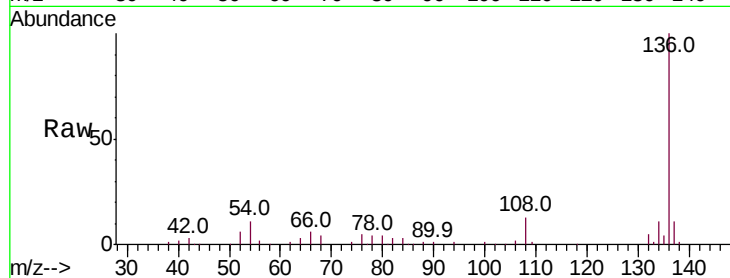




#21  
Naphthalene-d8  
Concen: 20.000 ng  
RT: 10.87 min Scan# 1325  
Delta R.T. -0.01 min  
Lab File: BG038760.D  
Acq: 20 Dec 2018 12:53

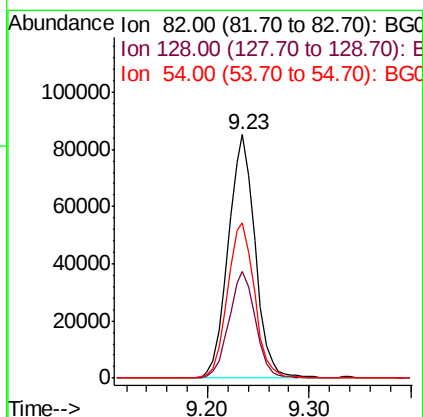
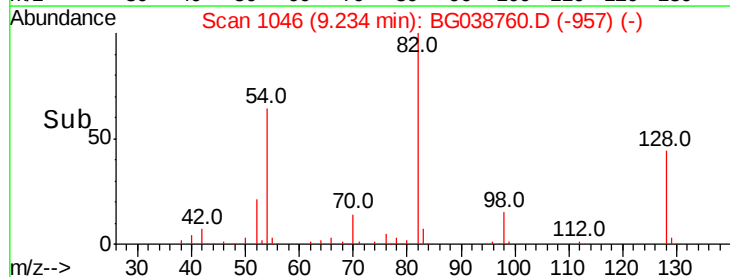
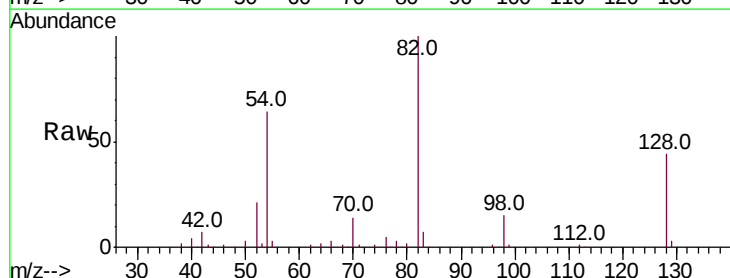
Instrument :  
BNA\_G  
ClientSampleId :  
EB02\_6-8

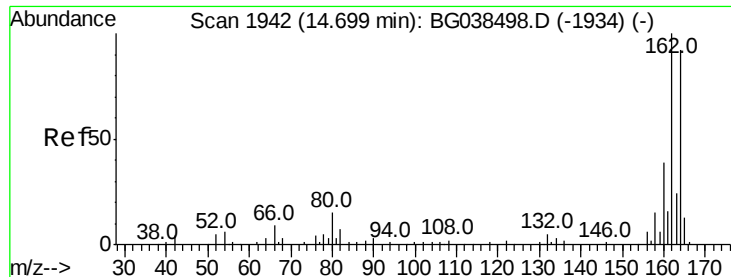
|          |       |       |        |
|----------|-------|-------|--------|
| Tot Ion: | 136   | Resp: | 112254 |
| Ion      | Ratio | Lower | Upper  |
| 136      | 100   |       |        |
| 137      | 11.4  | 9.3   | 13.9   |
| 54       | 11.2  | 8.5   | 12.7   |
| 68       | 4.3   | 3.5   | 5.3    |



#23  
Nitrobenzene-d5  
Concen: 71.212 ng  
RT: 9.23 min Scan# 1046  
Delta R.T. -0.01 min  
Lab File: BG038760.D  
Acq: 20 Dec 2018 12:53

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 82    | Resp: | 156474 |
| Ion      | Ratio | Lower | Upper  |
| 82       | 100   |       |        |
| 128      | 43.8  | 34.6  | 52.0   |
| 54       | 64.0  | 50.6  | 76.0   |





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.69 min Scan# 1975

Delta R.T. -0.01 min

Lab File: BG038760.D

Acq: 20 Dec 2018 12:53

Instrument :

BNA\_G

ClientSampleId :

EB02\_6-8

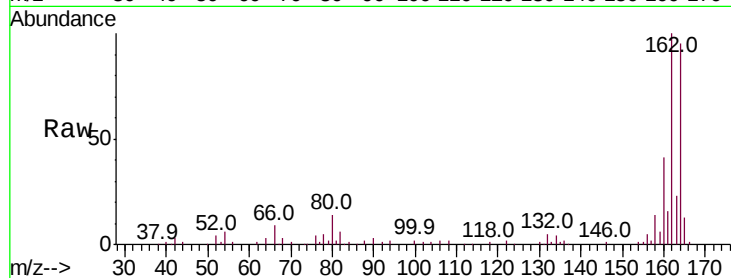
Tot Ion:164 Resp: 77456

Ion Ratio Lower Upper

164 100

162 105.0 86.6 130.0

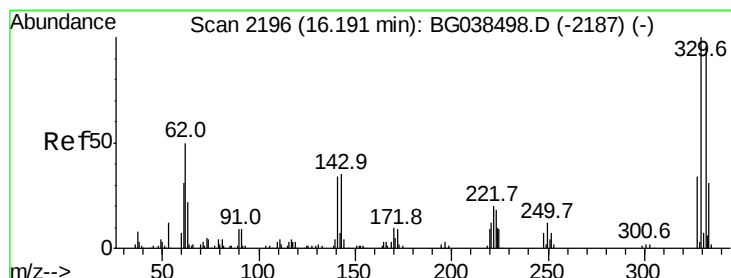
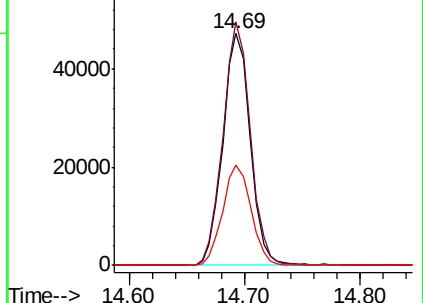
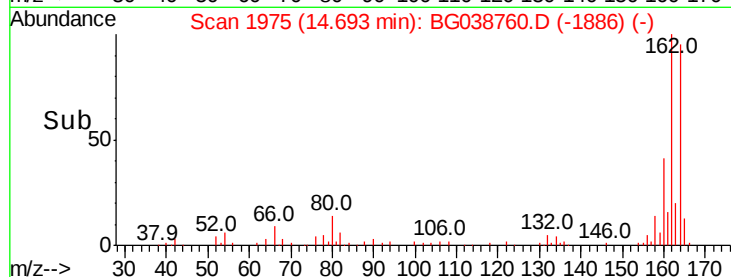
160 43.4 34.2 51.2



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: 117.417 ng

RT: 16.19 min Scan# 2229

Delta R.T. -0.01 min

Lab File: BG038760.D

Acq: 20 Dec 2018 12:53

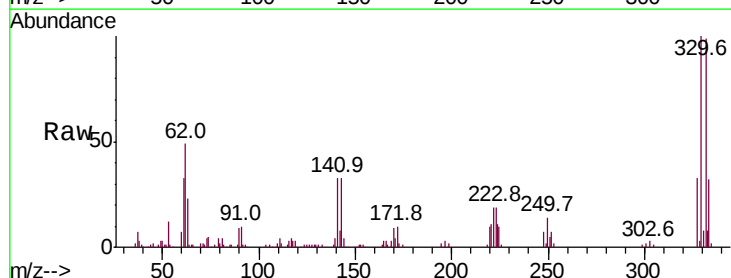
Tgt Ion:330 Resp: 125341

Ion Ratio Lower Upper

330 100

332 96.2 76.9 115.3

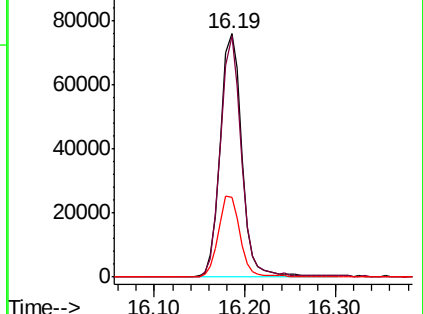
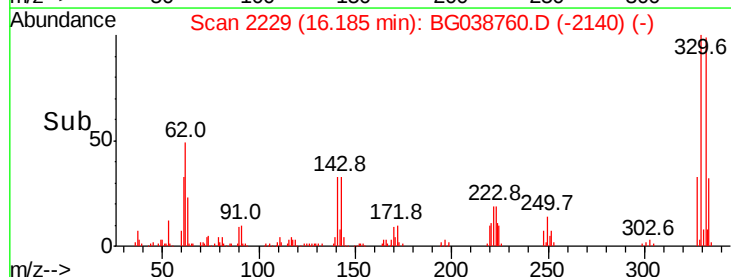
141 33.5 28.8 43.2



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: 72.309 ng

RT: 13.31 min Scan# 1740

Delta R.T. -0.01 min

Lab File: BG038760.D

Acq: 20 Dec 2018 12:53

Instrument :

BNA\_G

ClientSampleId :

EB02\_6-8

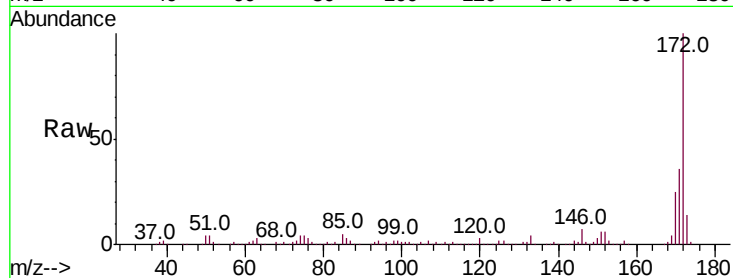
Tot Ion:172 Resp: 408264

Ion Ratio Lower Upper

172 100

171 36.1 29.8 44.6

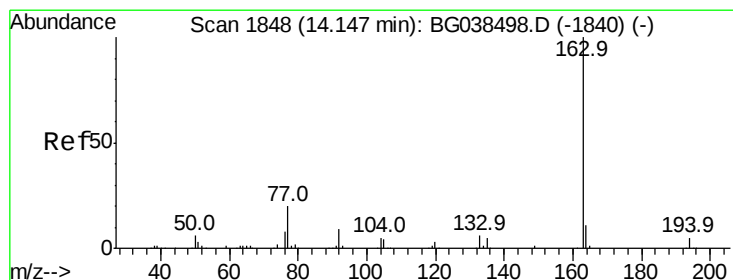
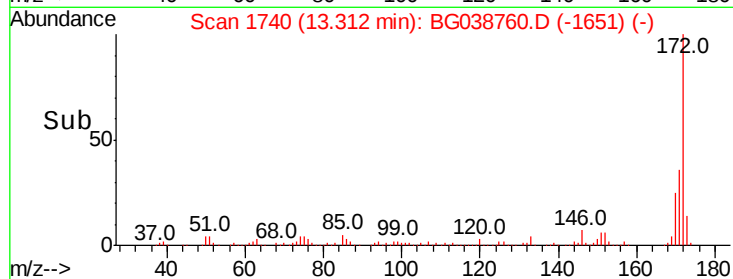
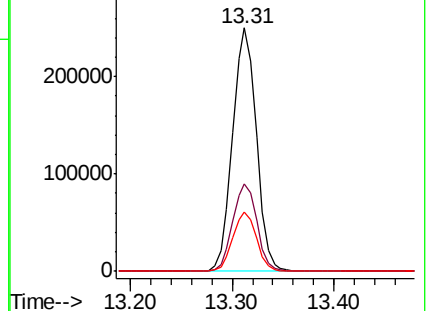
170 24.6 19.5 29.3



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: 5.501 ng

RT: 14.14 min Scan# 1881

Delta R.T. -0.01 min

Lab File: BG038760.D

Acq: 20 Dec 2018 12:53

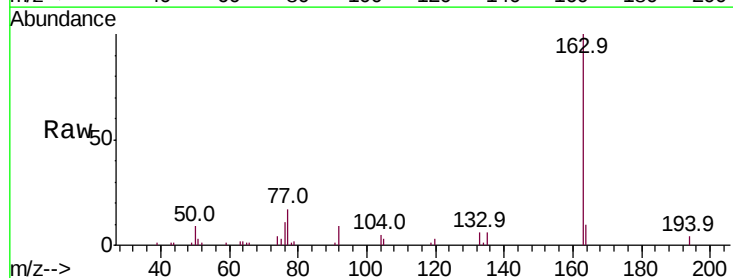
Tgt Ion:163 Resp: 34794

Ion Ratio Lower Upper

163 100

194 4.2 3.7 5.5

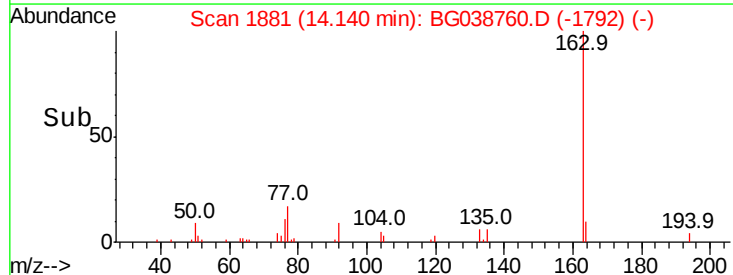
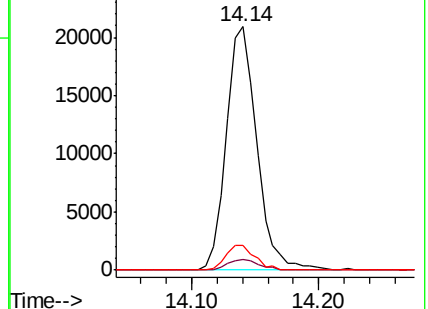
164 10.2 8.6 12.8

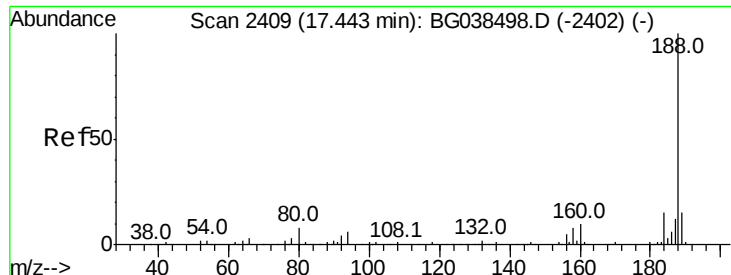


Abundance Ion 163.00 (162.70 to 163.70): E

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# 2443

Delta R.T. -0.00 min

Lab File: BG038760.D

Acq: 20 Dec 2018 12:53

Instrument :

BNA\_G

ClientSampleId :

EB02\_6-8

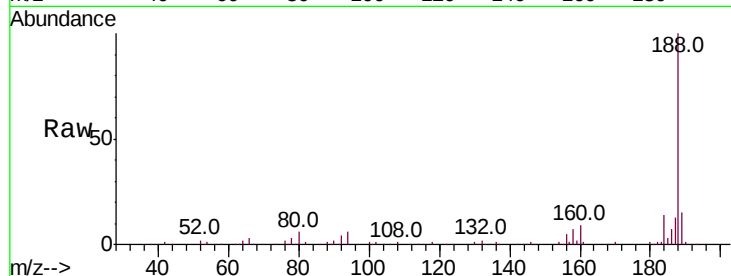
Tot Ion:188 Resp: 188926

Ion Ratio Lower Upper

188 100

94 5.5 5.1 7.7

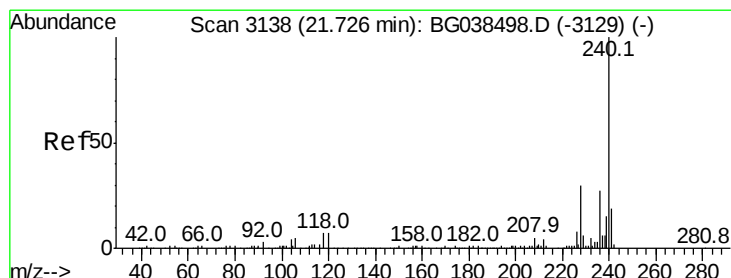
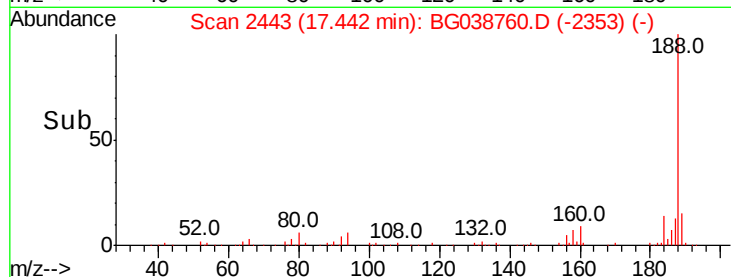
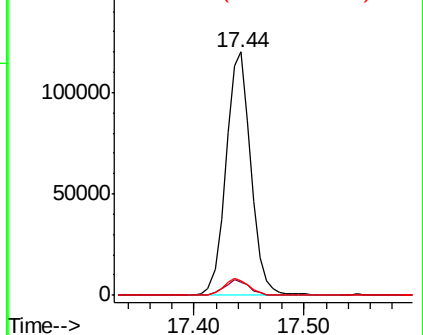
80 5.8 6.1 9.1#



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: 21.72 min Scan# 3171

Delta R.T. -0.01 min

Lab File: BG038760.D

Acq: 20 Dec 2018 12:53

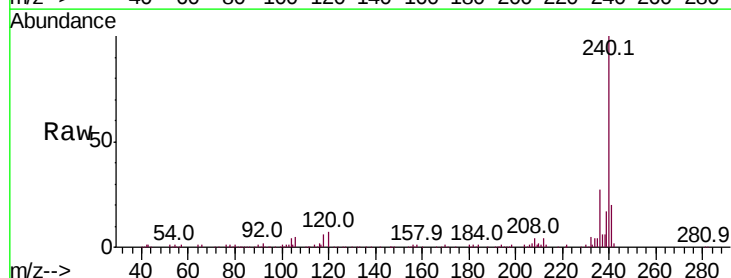
Tgt Ion:240 Resp: 191581

Ion Ratio Lower Upper

240 100

120 6.7 5.3 7.9

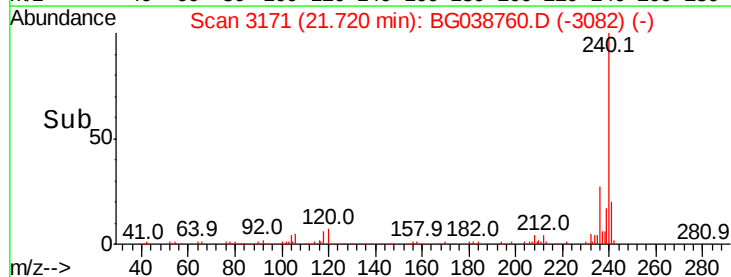
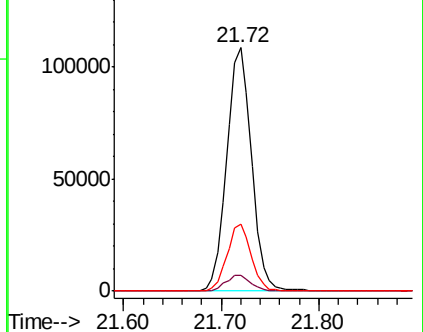
236 27.3 21.4 32.2

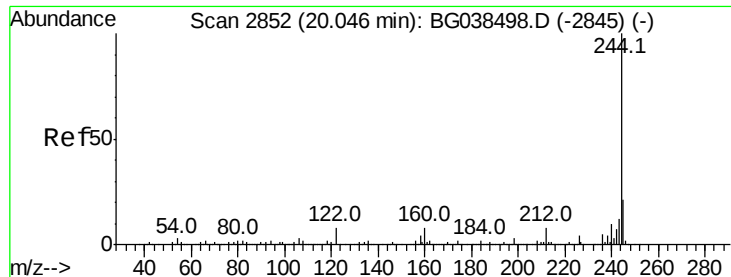


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#79

Terphenyl-d14

Concen: 85.373 ng

RT: 20.04 min Scan# 2885

Delta R.T. -0.01 min

Lab File: BG038760.D

Acq: 20 Dec 2018 12:53

Instrument :

BNA\_G

ClientSampleId :

EB02\_6-8

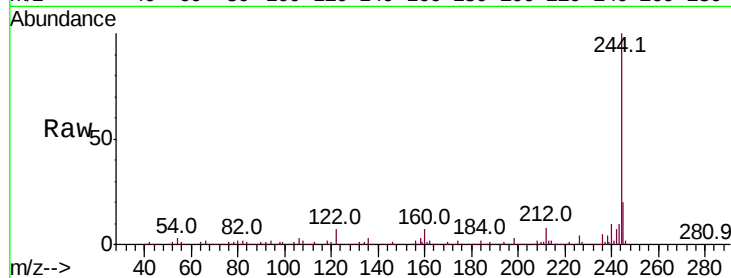
Tot Ion:244 Resp: 751528

Ion Ratio Lower Upper

244 100

212 7.7 6.2 9.2

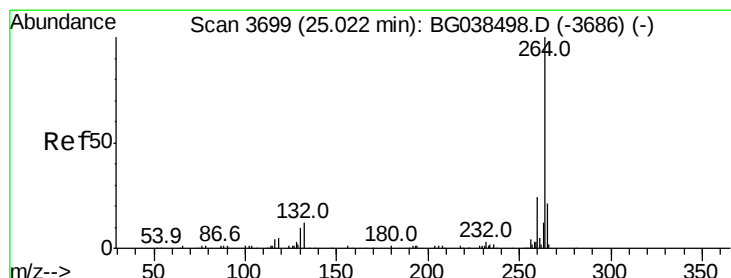
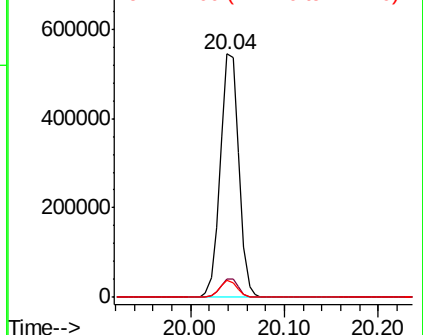
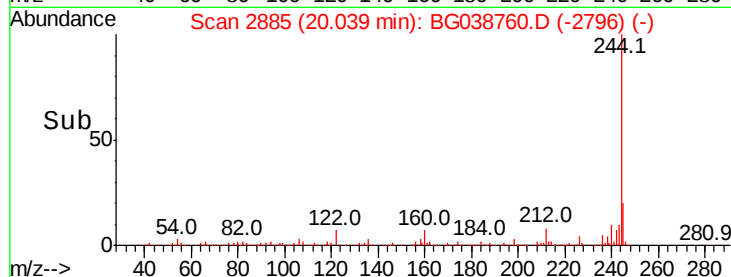
122 7.1 6.3 9.5



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: 25.02 min Scan# 3732

Delta R.T. -0.01 min

Lab File: BG038760.D

Acq: 20 Dec 2018 12:53

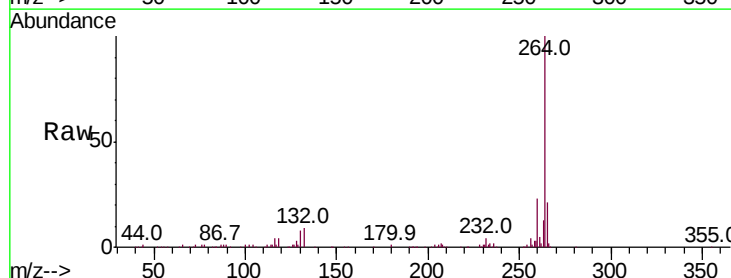
Tgt Ion:264 Resp: 204749

Ion Ratio Lower Upper

264 100

260 22.6 18.9 28.3

265 21.0 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

