

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG121218\  
 Data File : BG038516.D  
 Acq On : 13 Dec 2018 2:39  
 Operator : JU/SJ  
 Sample : J6331-31  
 Misc :  
 ALS Vial : 13 Sample Multiplier: 1

Instrument :  
 BNA\_G  
 ClientSampleId :  
 TP-6

Quant Time: Dec 13 06:40:33 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

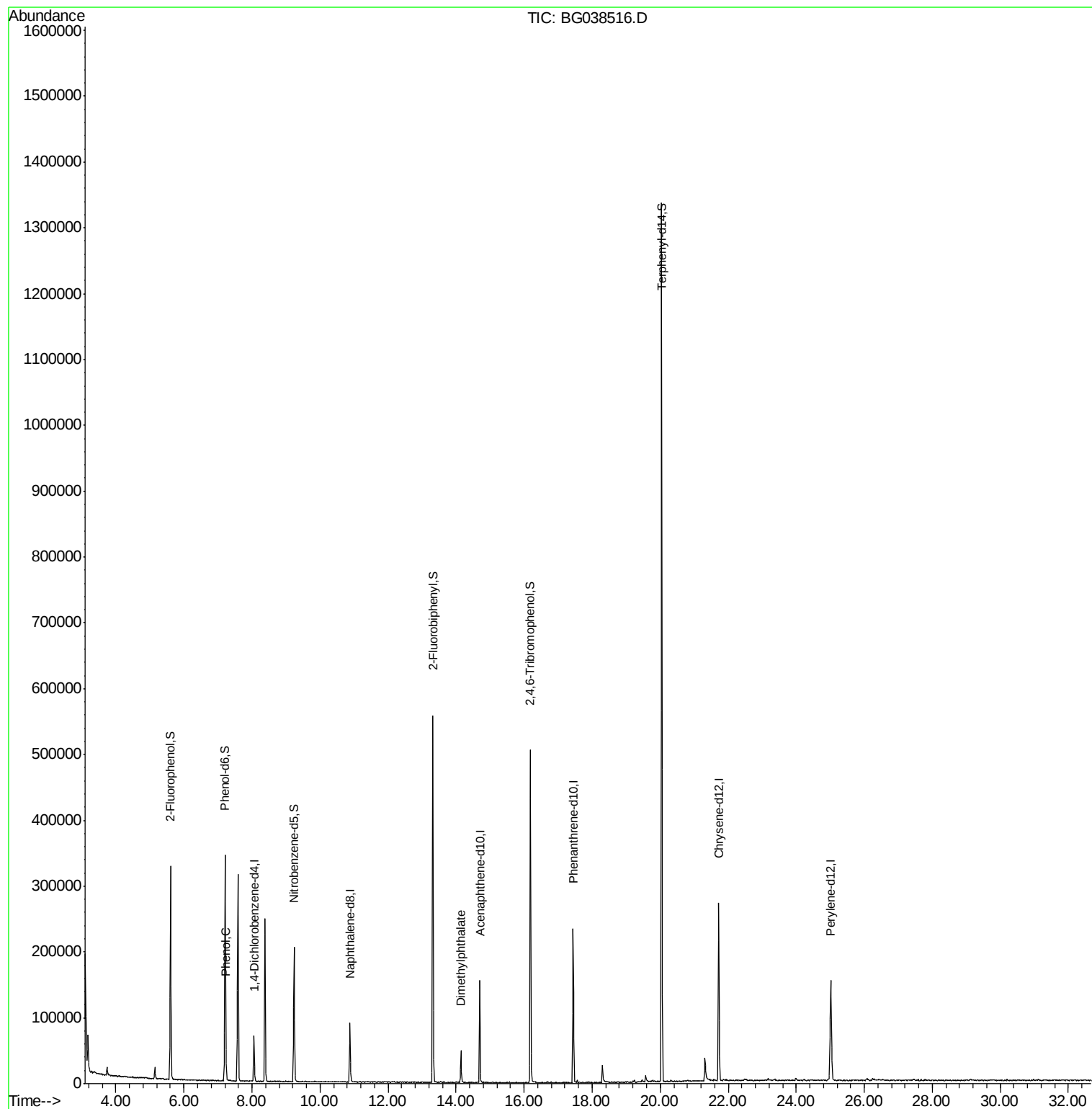
| Internal Standards          | R.T.  | QIon | Response | Conc   | Units | Dev(Min) |
|-----------------------------|-------|------|----------|--------|-------|----------|
| 1) 1,4-Dichlorobenzene-d4   | 8.06  | 152  | 18669    | 20.00  | ng    | 0.00     |
| 21) Naphthalene-d8          | 10.88 | 136  | 81060    | 20.00  | ng    | 0.00     |
| 39) Acenaphthene-d10        | 14.70 | 164  | 54997    | 20.00  | ng    | 0.00     |
| 64) Phenanthrene-d10        | 17.44 | 188  | 153361   | 20.00  | ng    | 0.00     |
| 76) Chrysene-d12            | 21.72 | 240  | 169381   | 20.00  | ng    | 0.00     |
| 87) Perylene-d12            | 25.01 | 264  | 180092   | 20.00  | ng    | 0.00     |
| System Monitoring Compounds |       |      |          |        |       |          |
| 5) 2-Fluorophenol           | 5.61  | 112  | 140390   | 133.38 | ng    | 0.00     |
| 7) Phenol-d6                | 7.21  | 99   | 195744   | 135.46 | ng    | 0.00     |
| 23) Nitrobenzene-d5         | 9.23  | 82   | 126743   | 79.88  | ng    | 0.00     |
| 42) 2,4,6-Tribromophenol    | 16.18 | 330  | 97107    | 128.12 | ng    | 0.00     |
| 45) 2-Fluorobiphenyl        | 13.32 | 172  | 303308   | 75.66  | ng    | 0.00     |
| 79) Terphenyl-d14           | 20.04 | 244  | 637082   | 81.86  | ng    | 0.00     |
| Target Compounds            |       |      |          |        |       |          |
| 10) Phenol                  | 7.24  | 94   | 9107     | 5.932  | ng    | 96       |
| 50) Dimethylphthalate       | 14.14 | 163  | 36777    | 8.189  | ng    | # 96     |

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

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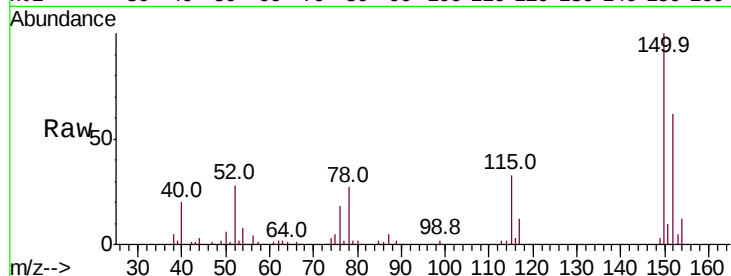


#1

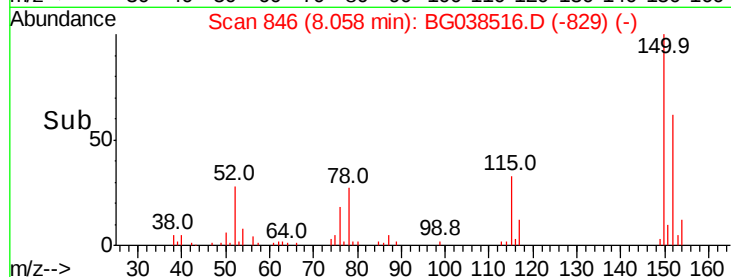
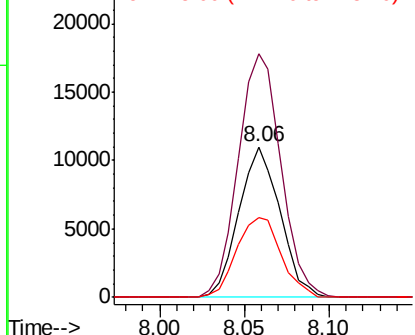
1,4-Dichlorobenzene-d4  
Concen: 20.000 ng  
RT: 8.06 min Scan# 846  
Delta R.T. -0.00 min  
Lab File: BG038516.D  
Acq: 13 Dec 2018 2:39

Instrument :  
BNA\_G  
ClientSampleId :  
TP-6

Tot Ion:152 Resp: 18669  
Ion Ratio Lower Upper  
152 100  
150 161.4 119.5 179.3  
115 53.2 49.6 74.4



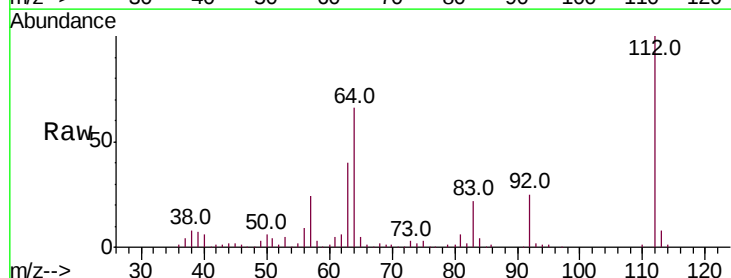
Abundance Ion 152.00 (151.70 to 152.70): E  
Ion 150.00 (149.70 to 150.70): E  
Ion 115.00 (114.70 to 115.70): E



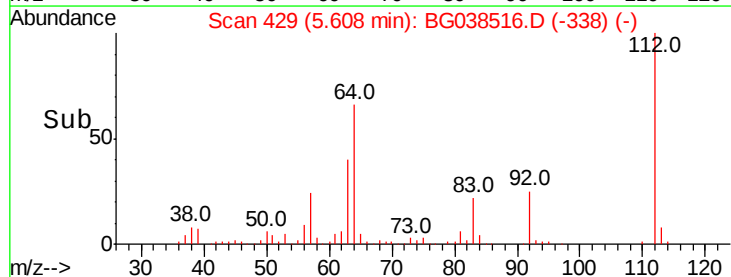
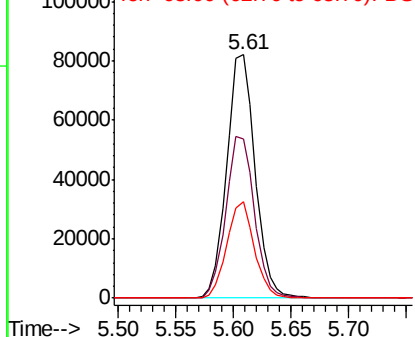
#5

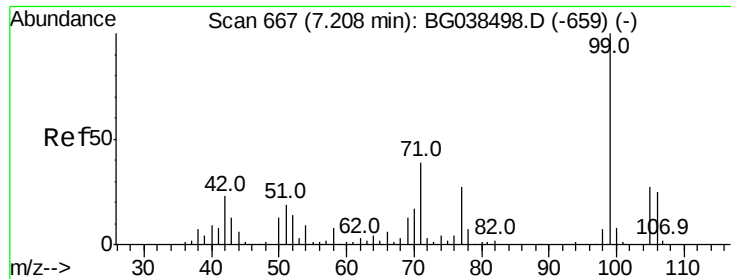
2-Fluorophenol  
Concen: 133.378 ng  
RT: 5.61 min Scan# 429  
Delta R.T. 0.01 min  
Lab File: BG038516.D  
Acq: 13 Dec 2018 2:39

Tgt Ion:112 Resp: 140390  
Ion Ratio Lower Upper  
112 100  
64 65.6 53.4 80.2  
63 39.5 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: 135.465 ng

RT: 7.21 min Scan# 702

Delta R.T. 0.00 min

Lab File: BG038516.D

Acq: 13 Dec 2018 2:39

Instrument :

BNA\_G

ClientSampled :

TP-6

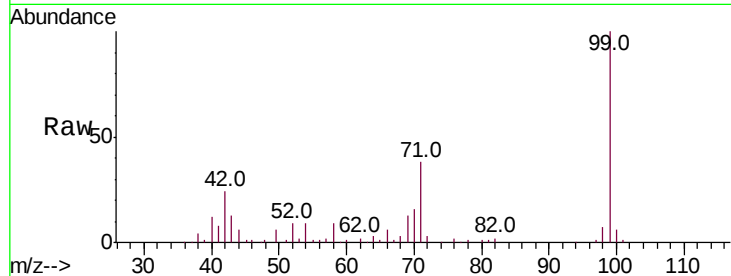
Tot Ion: 99 Resp: 195744

Ion Ratio Lower Upper

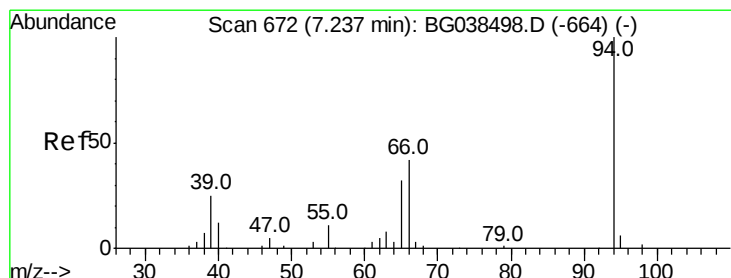
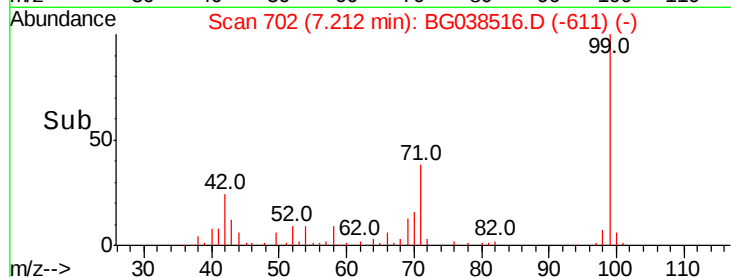
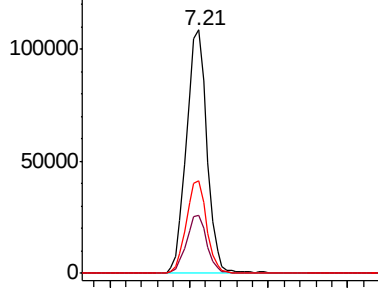
99 100

42 23.7 18.5 27.7

71 37.9 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: 5.932 ng

RT: 7.24 min Scan# 706

Delta R.T. -0.00 min

Lab File: BG038516.D

Acq: 13 Dec 2018 2:39

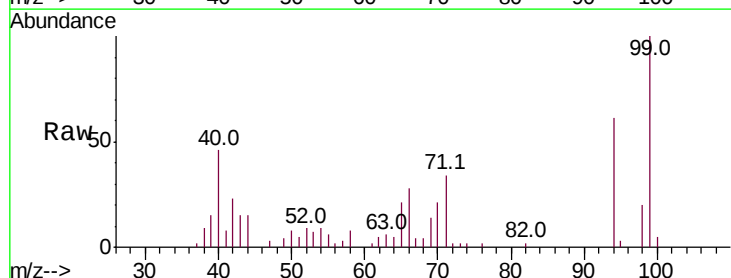
Tgt Ion: 94 Resp: 9107

Ion Ratio Lower Upper

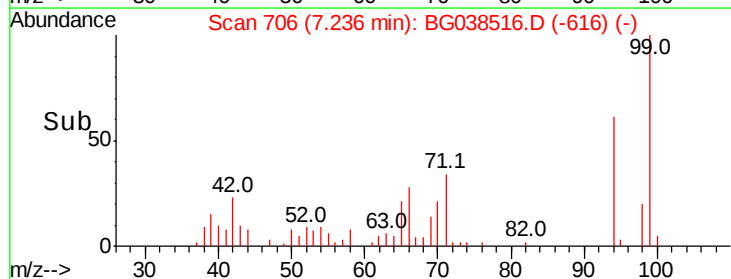
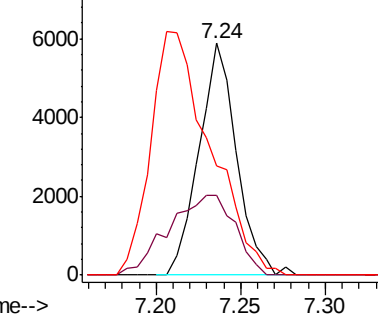
94 100

65 34.4 12.6 52.6

66 46.9 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

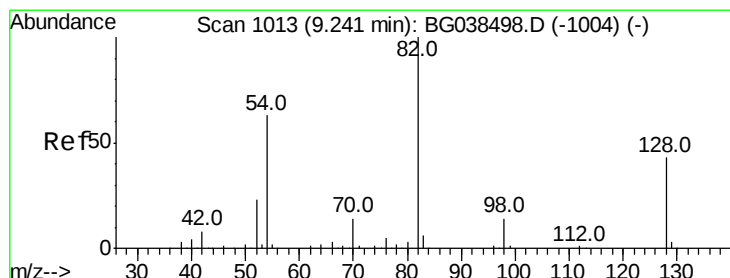
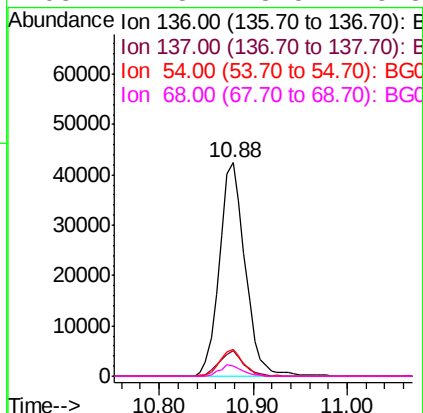
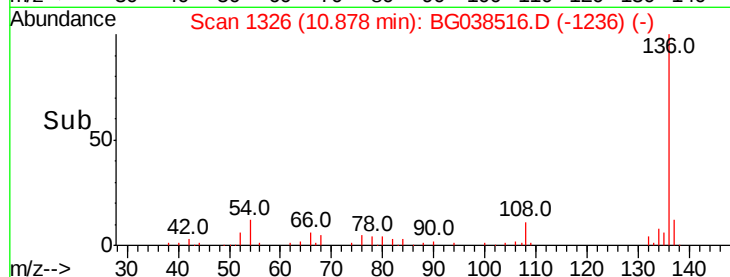
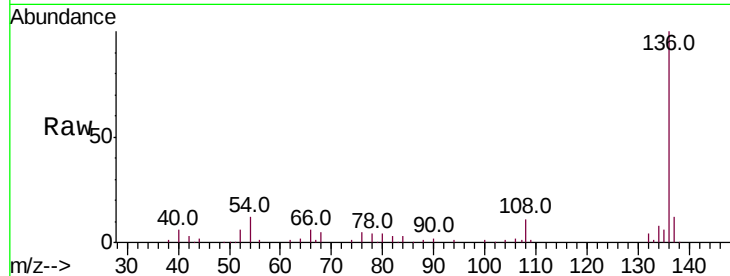




#21  
Naphthalene-d8  
Concen: 20.000 ng  
RT: 10.88 min Scan# 1326  
Delta R.T. -0.00 min  
Lab File: BG038516.D  
Acq: 13 Dec 2018 2:39

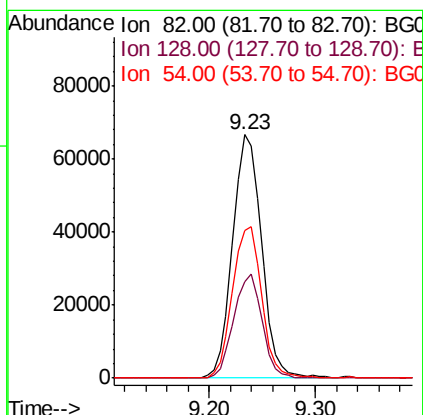
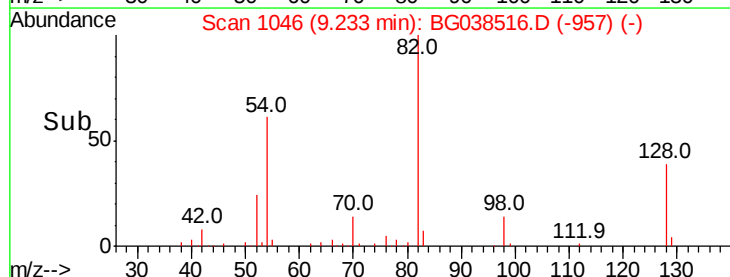
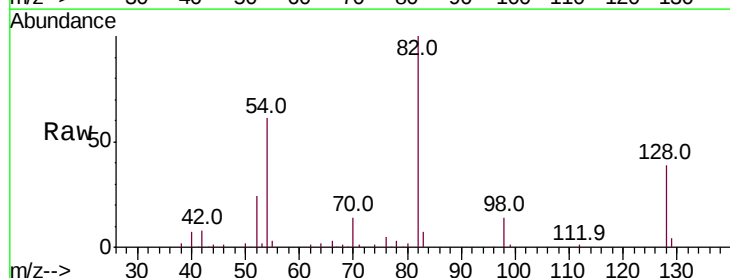
Instrument :  
BNA\_G  
ClientSampleId :  
TP-6

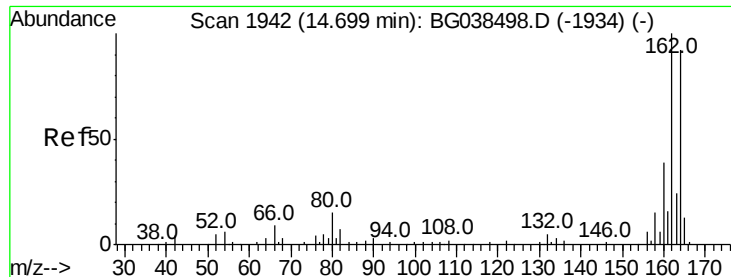
|             |       |             |
|-------------|-------|-------------|
| Tot Ion:136 | Resp: | 81060       |
| Ion         | Ratio | Lower Upper |
| 136         | 100   |             |
| 137         | 12.1  | 9.3 13.9    |
| 54          | 12.3  | 8.5 12.7    |
| 68          | 4.8   | 3.5 5.3     |



#23  
Nitrobenzene-d5  
Concen: 79.878 ng  
RT: 9.23 min Scan# 1046  
Delta R.T. -0.01 min  
Lab File: BG038516.D  
Acq: 13 Dec 2018 2:39

|             |       |             |
|-------------|-------|-------------|
| Tgt Ion: 82 | Resp: | 126743      |
| Ion         | Ratio | Lower Upper |
| 82          | 100   |             |
| 128         | 39.3  | 34.6 52.0   |
| 54          | 60.7  | 50.6 76.0   |





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.70 min Scan# 1976

Delta R.T. -0.00 min

Lab File: BG038516.D

Acq: 13 Dec 2018 2:39

Instrument :

BNA\_G

ClientSampleId :

TP-6

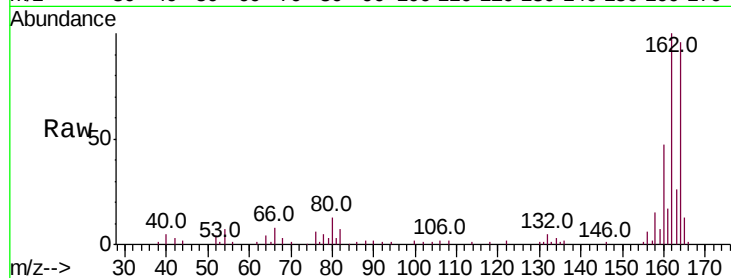
Tot Ion:164 Resp: 54997

Ion Ratio Lower Upper

164 100

162 104.6 86.6 130.0

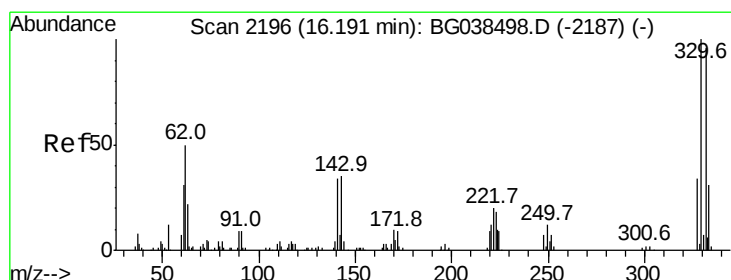
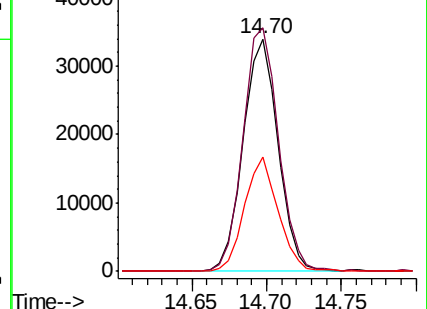
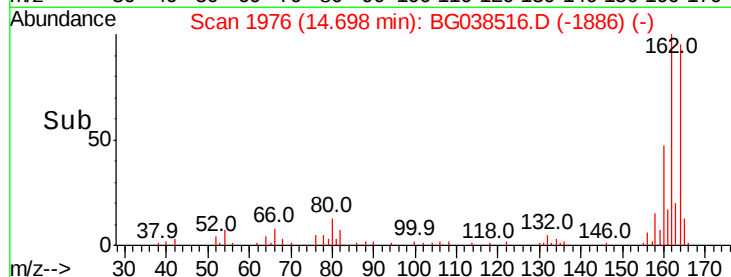
160 49.0 34.2 51.2



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: 128.117 ng

RT: 16.18 min Scan# 2229

Delta R.T. -0.01 min

Lab File: BG038516.D

Acq: 13 Dec 2018 2:39

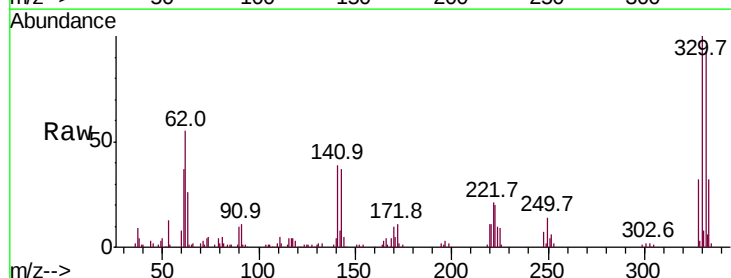
Tgt Ion:330 Resp: 97107

Ion Ratio Lower Upper

330 100

332 95.6 76.9 115.3

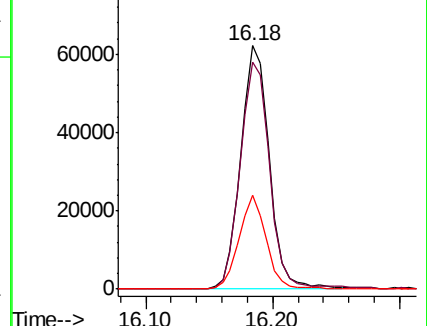
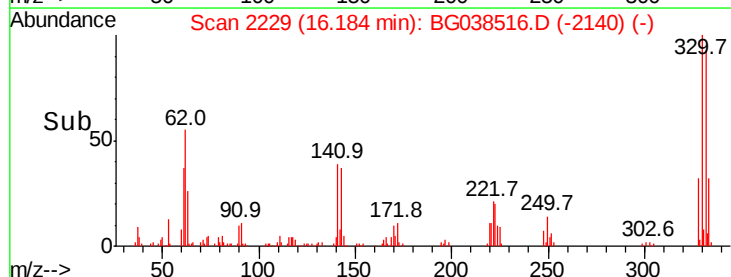
141 36.4 28.8 43.2

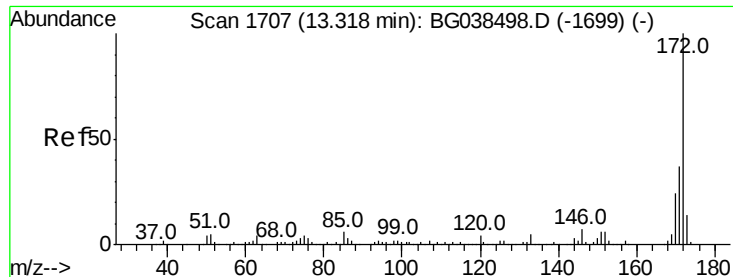


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

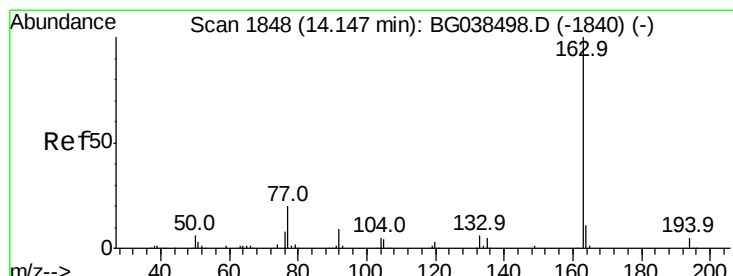
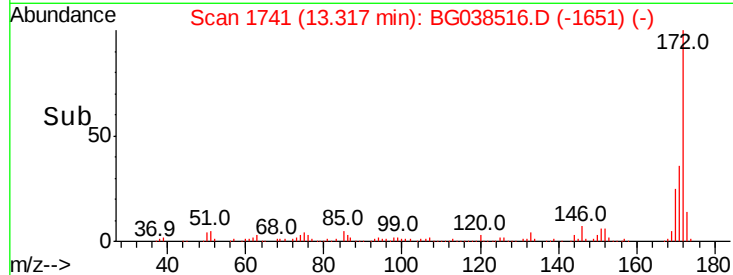
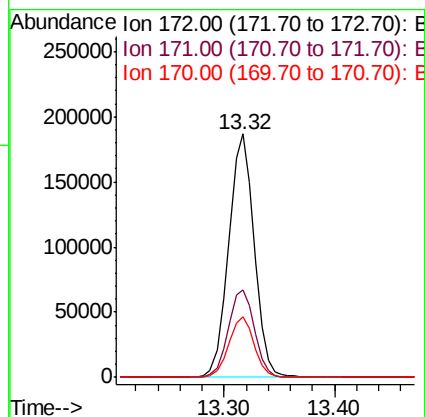
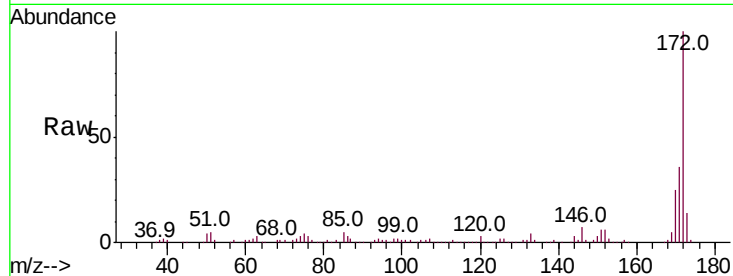




#45  
 2-Fluorobiphenyl  
 Concen: 75.657 ng  
 RT: 13.32 min Scan# 1741  
 Delta R.T. -0.00 min  
 Lab File: BG038516.D  
 Acq: 13 Dec 2018 2:39

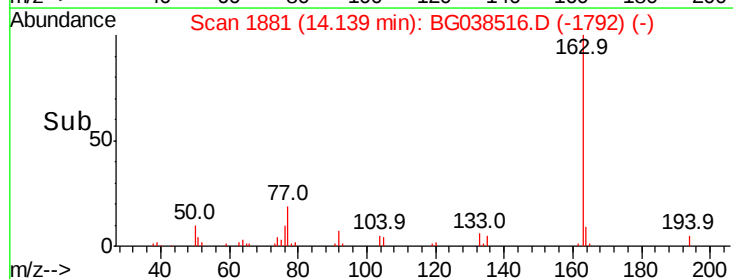
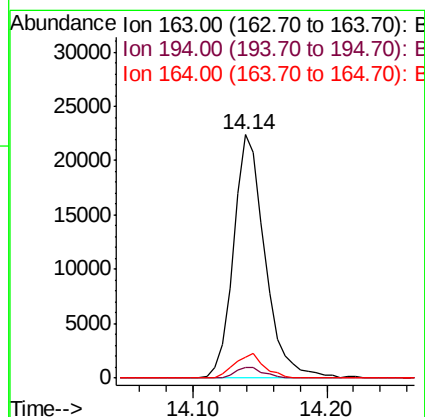
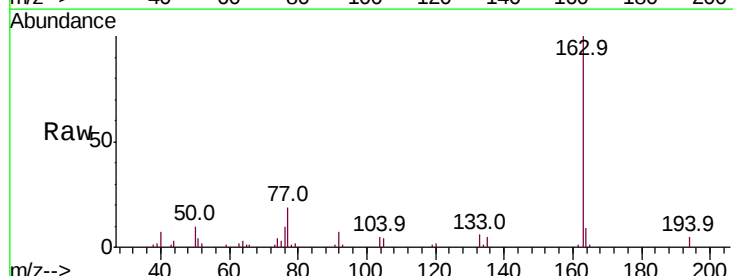
Instrument :  
 BNA\_G  
 ClientSampleId :  
 TP-6

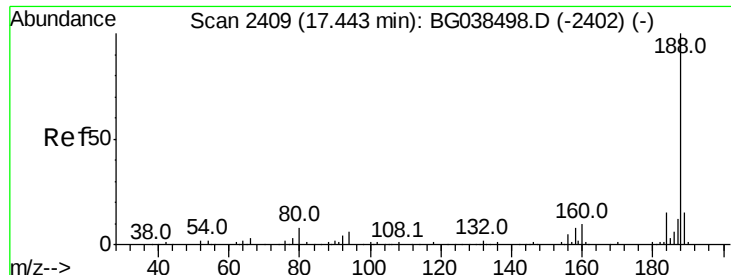
Tot Ion:172 Resp: 303308  
 Ion Ratio Lower Upper  
 172 100  
 171 36.1 29.8 44.6  
 170 24.8 19.5 29.3



#50  
 Dimethylphthalate  
 Concen: 8.189 ng  
 RT: 14.14 min Scan# 1881  
 Delta R.T. -0.01 min  
 Lab File: BG038516.D  
 Acq: 13 Dec 2018 2:39

Tgt Ion:163 Resp: 36777  
 Ion Ratio Lower Upper  
 163 100  
 194 4.5 3.7 5.5  
 164 8.5 8.6 12.8#

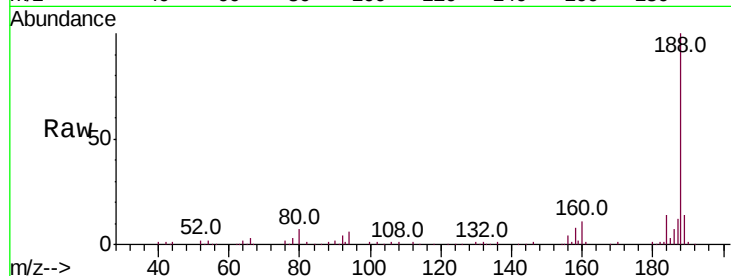




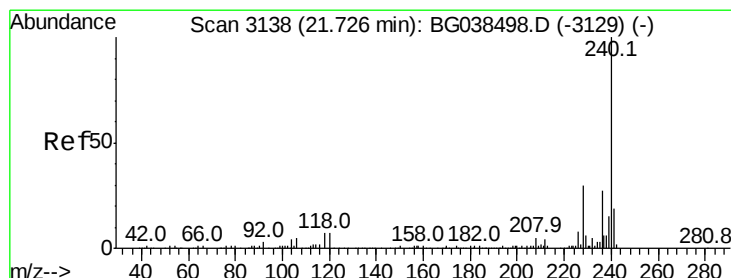
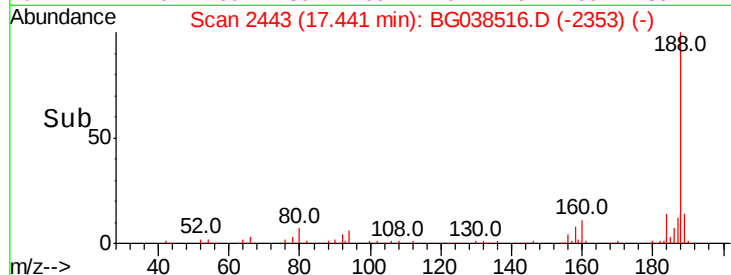
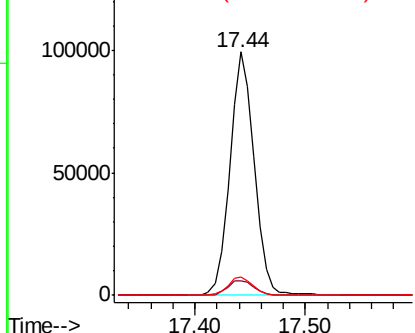
#64  
Phenanthrene-d10  
Concen: 20.000 ng  
RT: 17.44 min Scan# 2443  
Delta R.T. -0.00 min  
Lab File: BG038516.D  
Acq: 13 Dec 2018 2:39

Instrument :  
BNA\_G  
ClientSampleId :  
TP-6

Tot Ion:188 Resp: 153361  
Ion Ratio Lower Upper  
188 100  
94 6.1 5.1 7.7  
80 7.4 6.1 9.1

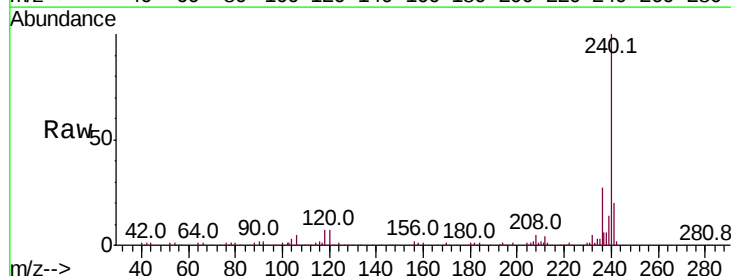


Abundance Ion 188.00 (187.70 to 188.70): E  
Ion 94.00 (93.70 to 94.70): BG  
Ion 80.00 (79.70 to 80.70): BG

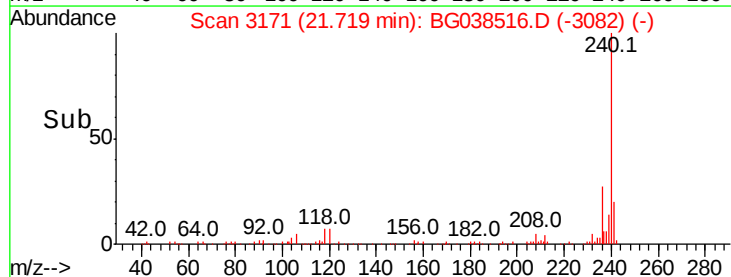
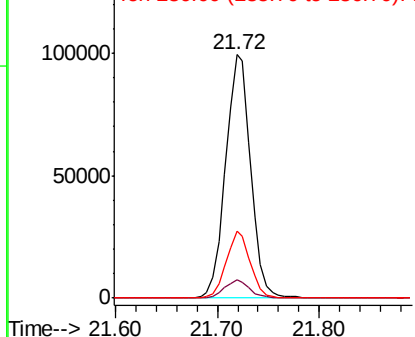


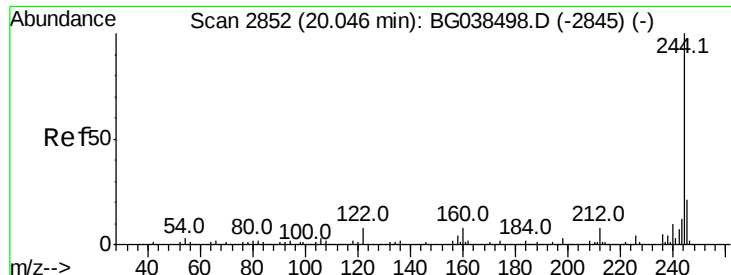
#76  
Chrysene-d12  
Concen: 20.000 ng  
RT: 21.72 min Scan# 3171  
Delta R.T. -0.01 min  
Lab File: BG038516.D  
Acq: 13 Dec 2018 2:39

Tgt Ion:240 Resp: 169381  
Ion Ratio Lower Upper  
240 100  
120 7.3 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: 81.857 ng

RT: 20.04 min Scan# 2886

Delta R.T. -0.00 min

Lab File: BG038516.D

Acq: 13 Dec 2018 2:39

Instrument :

BNA\_G

ClientSampleId :

TP-6

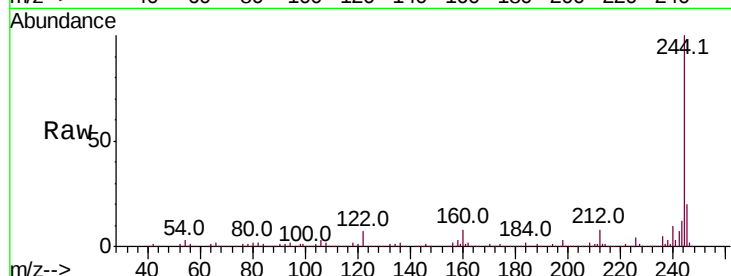
Tot Ion:244 Resp: 637082

Ion Ratio Lower Upper

244 100

212 8.1 6.2 9.2

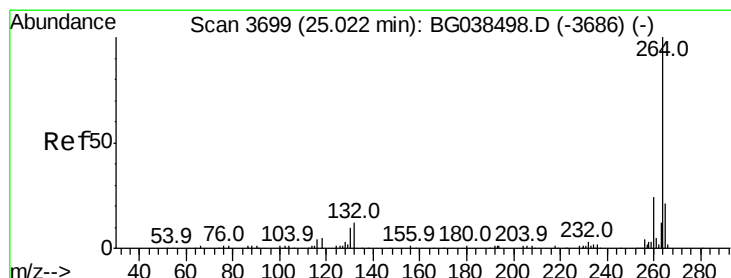
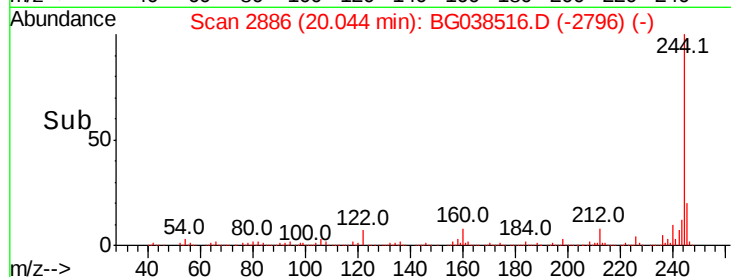
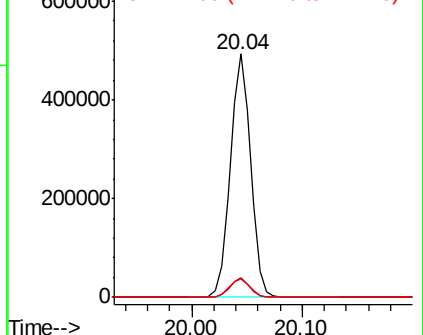
122 7.4 6.3 9.5



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# 3732

Delta R.T. -0.01 min

Lab File: BG038516.D

Acq: 13 Dec 2018 2:39

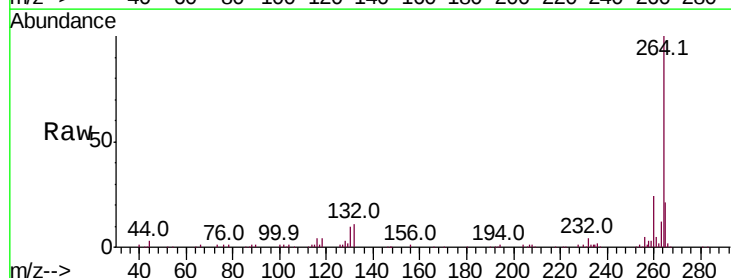
Tgt Ion:264 Resp: 180092

Ion Ratio Lower Upper

264 100

260 24.5 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

