

Data Path : Z:\SVOASRV\HPCHEM1\BNA\_G\DATA\BG030419\  
 Data File : BG039743.D  
 Acq On : 4 Mar 2019 22:45  
 Operator : JU/SJ  
 Sample : K1714-09  
 Misc :  
 ALS Vial : 13 Sample Multiplier: 1

Instrument :  
 BNA\_G  
 ClientSampleId :  
 SB-B-5-8

Quant Time: Mar 05 06:49:01 2019  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_G\METHODS\8270-BG030419.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Mon Mar 04 14:38:15 2019  
 Response via : Initial Calibration

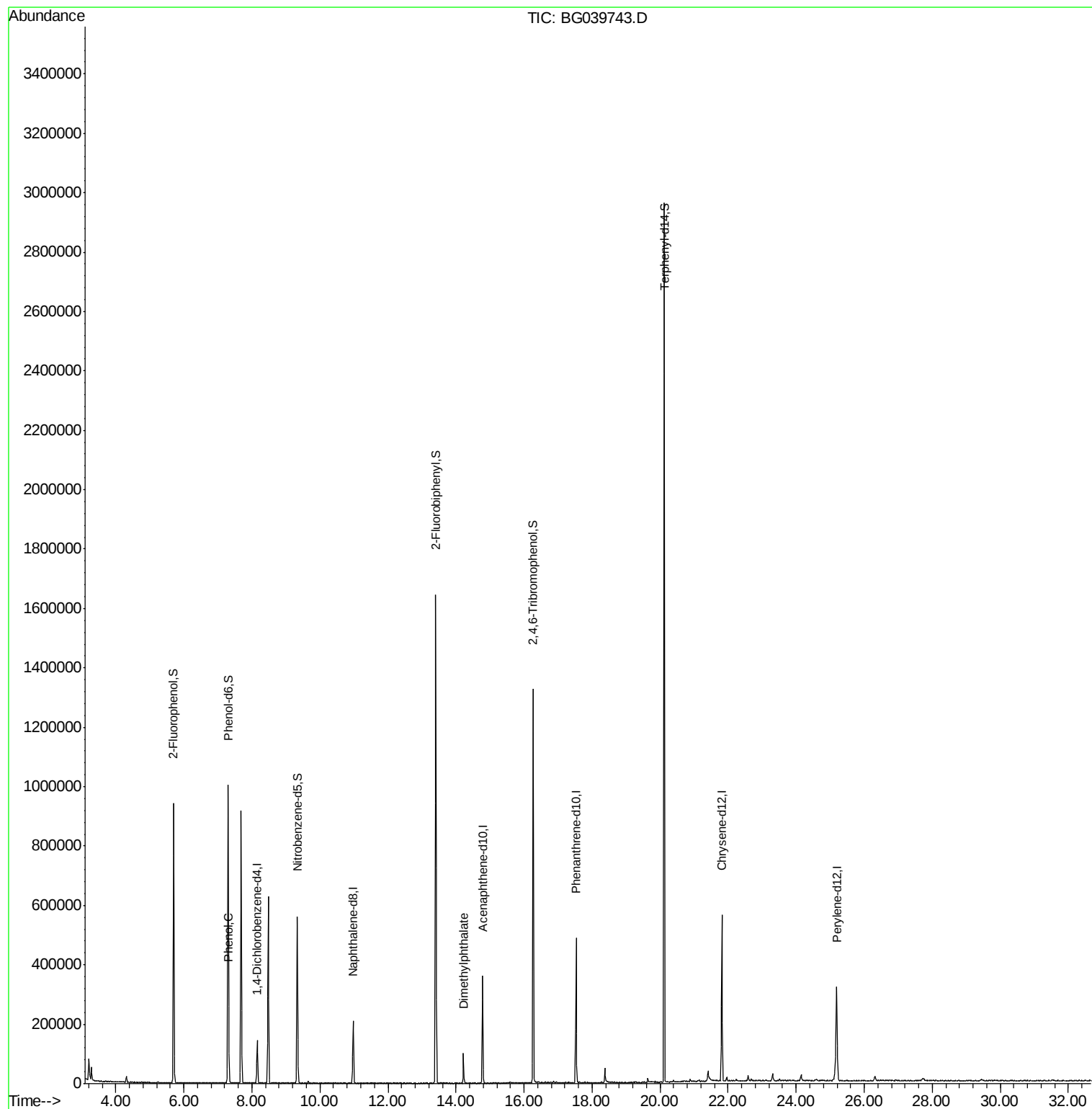
| Internal Standards          | R.T.  | QIon | Response | Conc   | Units | Dev(Min) |
|-----------------------------|-------|------|----------|--------|-------|----------|
| 1) 1,4-Dichlorobenzene-d4   | 8.15  | 152  | 41136    | 20.00  | ng    | -0.02    |
| 21) Naphthalene-d8          | 10.98 | 136  | 180918   | 20.00  | ng    | -0.01    |
| 39) Acenaphthene-d10        | 14.78 | 164  | 124979   | 20.00  | ng    | -0.01    |
| 64) Phenanthrene-d10        | 17.52 | 188  | 311362   | 20.00  | ng    | -0.01    |
| 76) Chrysene-d12            | 21.81 | 240  | 330428   | 20.00  | ng    | -0.02    |
| 87) Perylene-d12            | 25.19 | 264  | 338138   | 20.00  | ng    | -0.01    |
| System Monitoring Compounds |       |      |          |        |       |          |
| 5) 2-Fluorophenol           | 5.70  | 112  | 384022   | 159.26 | ng    | -0.01    |
| 7) Phenol-d6                | 7.30  | 99   | 565513   | 157.29 | ng    | -0.01    |
| 23) Nitrobenzene-d5         | 9.34  | 82   | 332165   | 99.30  | ng    | -0.01    |
| 42) 2,4,6-Tribromophenol    | 16.27 | 330  | 226212   | 155.29 | ng    | -0.01    |
| 45) 2-Fluorobiphenyl        | 13.41 | 172  | 844479   | 96.21  | ng    | -0.01    |
| 79) Terphenyl-d14           | 20.12 | 244  | 1363508  | 90.86  | ng    | 0.00     |
| Target Compounds            |       |      |          |        |       |          |
| 10) Phenol                  | 7.33  | 94   | 9246     | 2.374  | ng    | 86       |
| 50) Dimethylphthalate       | 14.22 | 163  | 68538    | 6.558  | ng    | 99       |

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

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SB-B-5-8

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Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_G\METHODS\8270-BG030419.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
QLast Update : Mon Mar 04 14:38:15 2019  
Response via : Initial Calibration



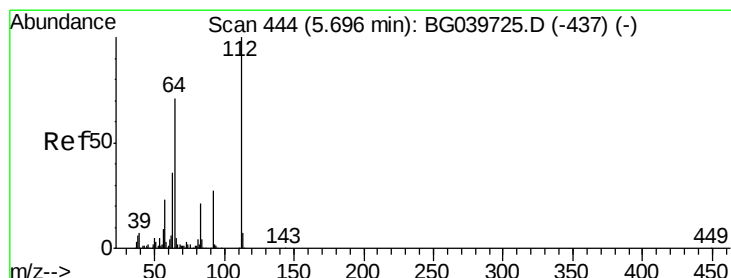
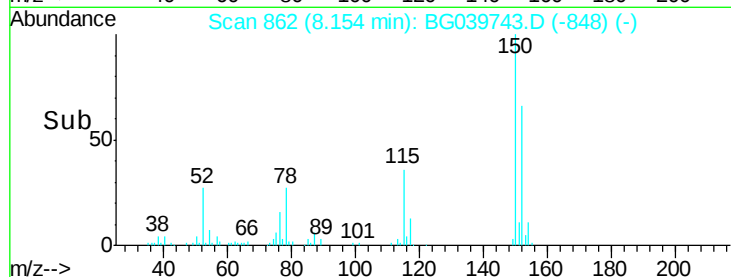
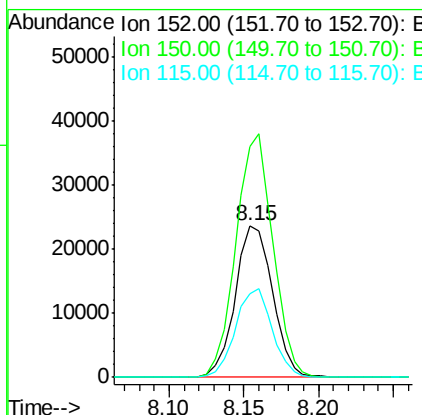
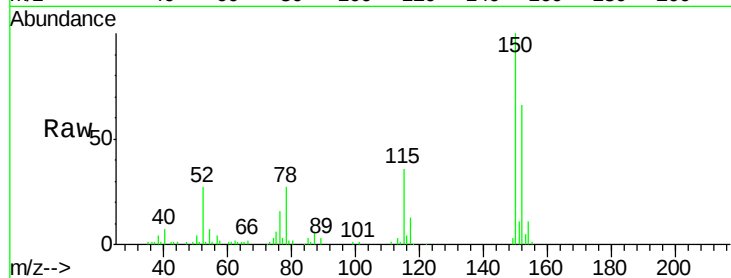


#1

1,4-Dichlorobenzene-d4  
Concen: 20.000 ng  
RT: 8.15 min Scan# 862  
Delta R.T. -0.02 min  
Lab File: BG039743.D  
Acq: 4 Mar 2019 22:45

Instrument :  
BNA\_G  
ClientSampled :  
SB-B-5-8

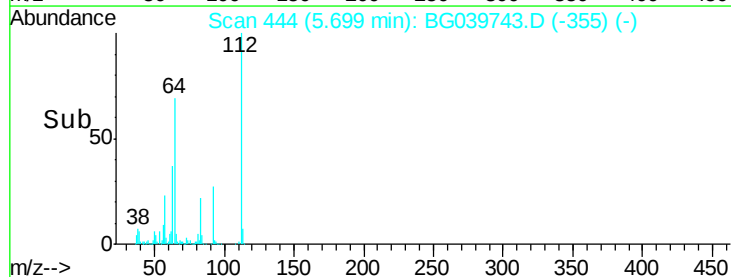
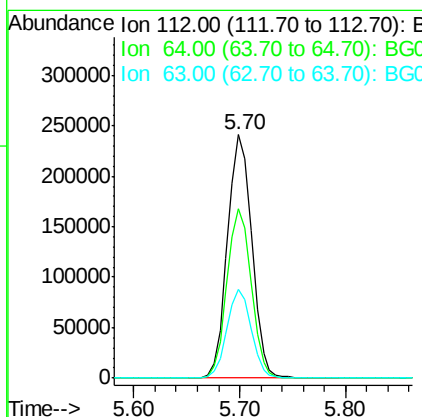
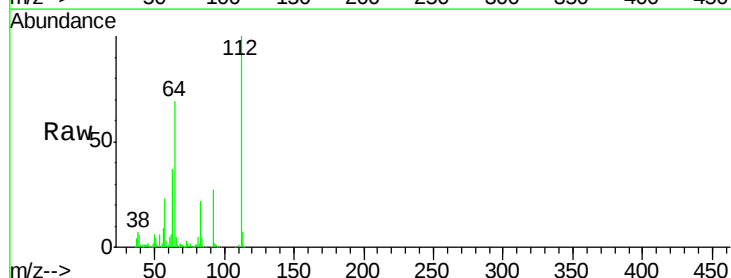
Tgt Ion:152 Resp: 41136  
Ion Ratio Lower Upper  
152 100  
150 152.0 123.7 185.5  
115 55.3 45.9 68.9



#5

2-Fluorophenol  
Concen: 159.263 ng  
RT: 5.70 min Scan# 444  
Delta R.T. -0.01 min  
Lab File: BG039743.D  
Acq: 4 Mar 2019 22:45

Tgt Ion:112 Resp: 384022  
Ion Ratio Lower Upper  
112 100  
64 69.4 57.8 86.8  
63 36.5 29.8 44.6





#7

Phenol-d6

Concen: 157.292 ng

RT: 7.30 min Scan# 717

Delta R.T. -0.01 min

Lab File: BG039743.D

Acq: 4 Mar 2019 22:45

Instrument :

BNA\_G

ClientSampleId :

SB-B-5-8

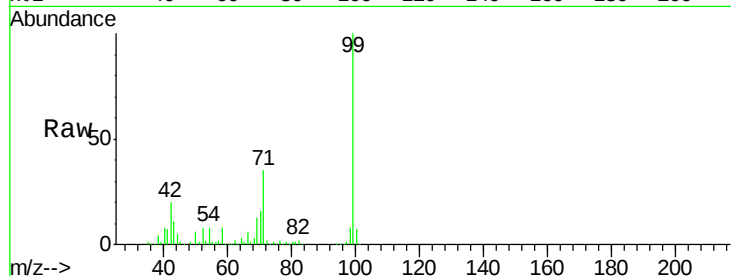
Tgt Ion: 99 Resp: 565513

Ion Ratio Lower Upper

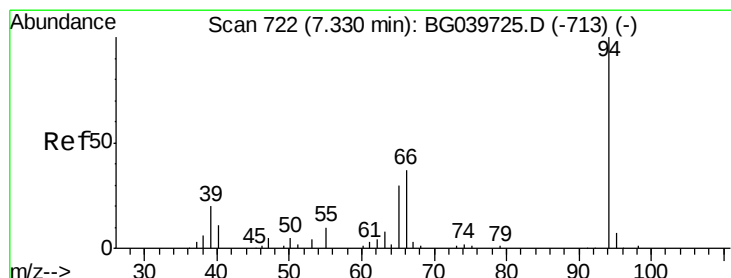
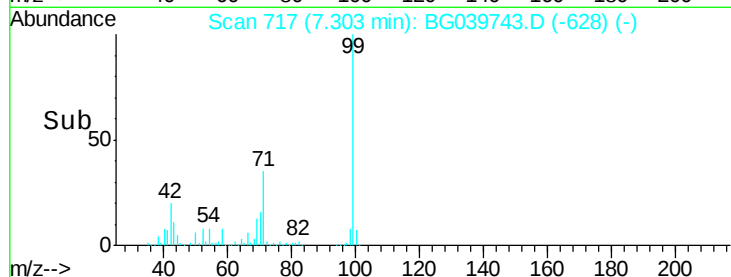
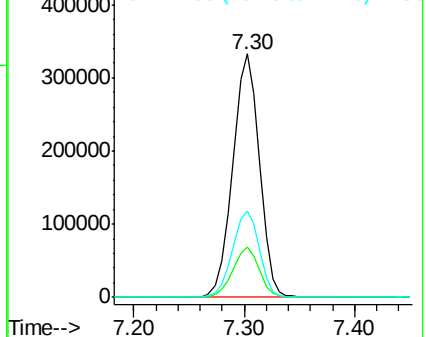
99 100

42 20.4 18.2 27.2

71 35.5 28.0 42.0



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: 2.374 ng

RT: 7.33 min Scan# 721

Delta R.T. -0.01 min

Lab File: BG039743.D

Acq: 4 Mar 2019 22:45

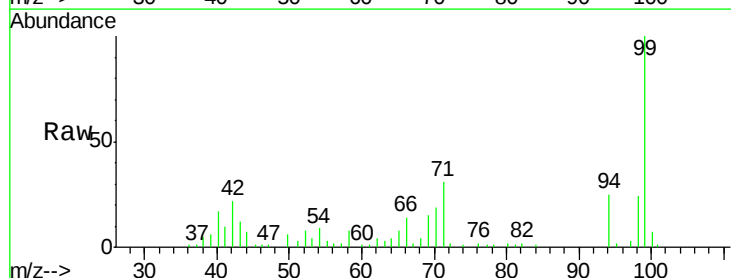
Tgt Ion: 94 Resp: 9246

Ion Ratio Lower Upper

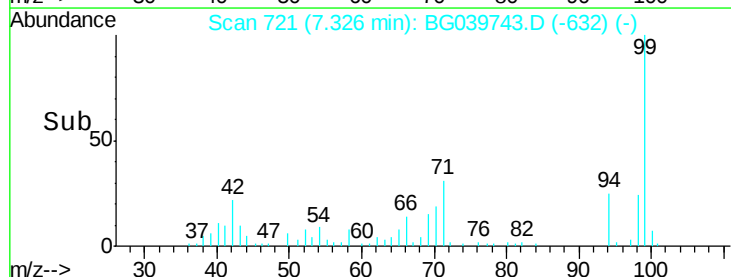
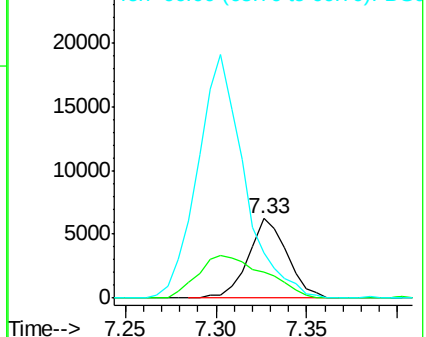
94 100

65 33.4 11.7 51.7

66 57.5 23.7 63.7



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

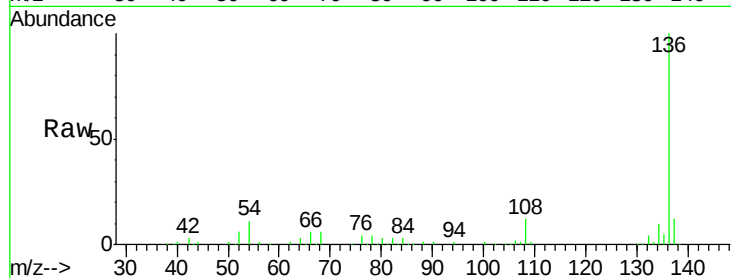




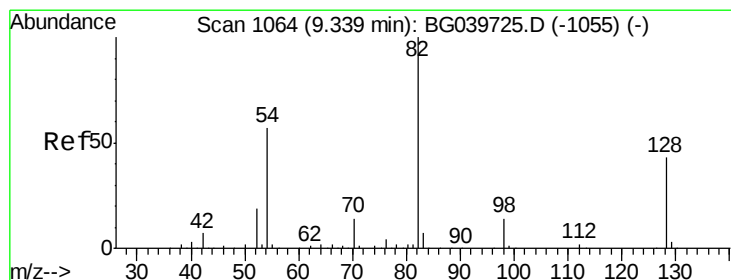
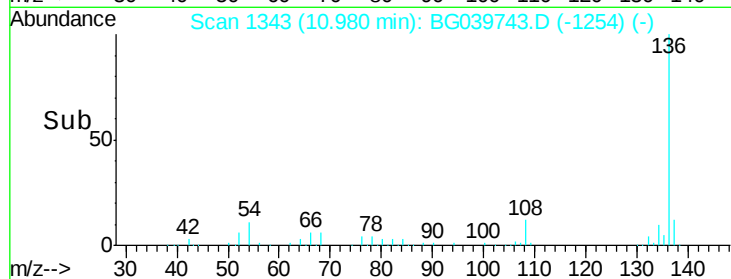
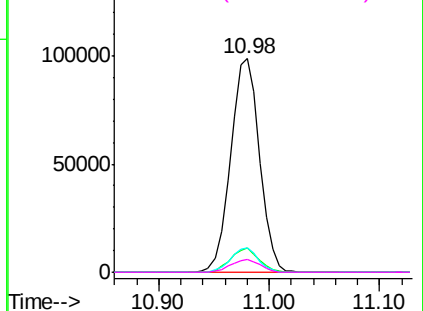
#21  
Naphthalene-d8  
Concen: 20.000 ng  
RT: 10.98 min Scan# 1343  
Delta R.T. -0.01 min  
Lab File: BG039743.D  
Acq: 4 Mar 2019 22:45

Instrument :  
BNA\_G  
ClientSampleId :  
SB-B-5-8

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 136   | Resp: | 180918 |
| Ion      | Ratio | Lower | Upper  |
| 136      | 100   |       |        |
| 137      | 11.6  | 9.1   | 13.7   |
| 54       | 11.5  | 9.4   | 14.2   |
| 68       | 5.9   | 4.2   | 6.4    |

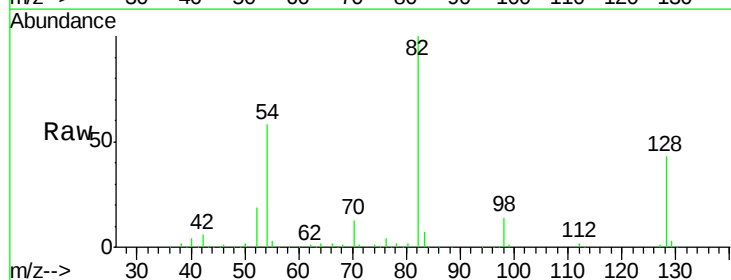


Abundance Ion 136.00 (135.70 to 136.70): BGC  
Ion 137.00 (136.70 to 137.70): BGC  
Ion 54.00 (53.70 to 54.70): BGC  
Ion 68.00 (67.70 to 68.70): BGC

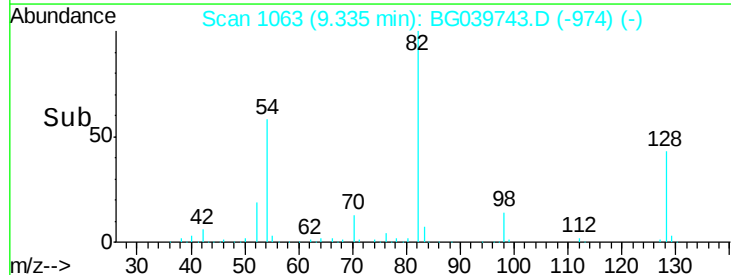
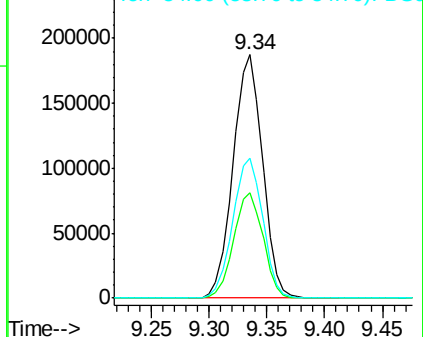


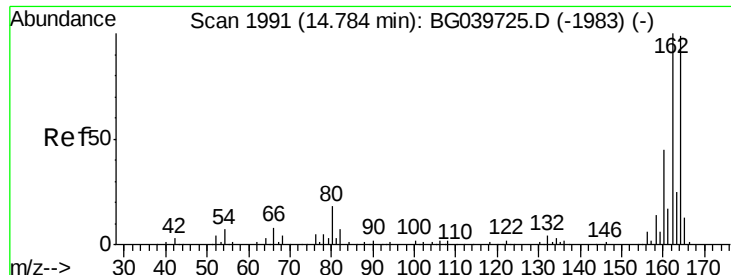
#23  
Nitrobenzene-d5  
Concen: 99.298 ng  
RT: 9.34 min Scan# 1063  
Delta R.T. -0.01 min  
Lab File: BG039743.D  
Acq: 4 Mar 2019 22:45

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 82    | Resp: | 332165 |
| Ion      | Ratio | Lower | Upper  |
| 82       | 100   |       |        |
| 128      | 43.4  | 31.3  | 46.9   |
| 54       | 57.6  | 50.9  | 76.3   |



Abundance Ion 82.00 (81.70 to 82.70): BGC  
Ion 128.00 (127.70 to 128.70): BGC  
Ion 54.00 (53.70 to 54.70): BGC





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.78 min Scan# 1990

Delta R.T. -0.01 min

Lab File: BG039743.D

Acq: 4 Mar 2019 22:45

Instrument :

BNA\_G

ClientSampleId :

SB-B-5-8

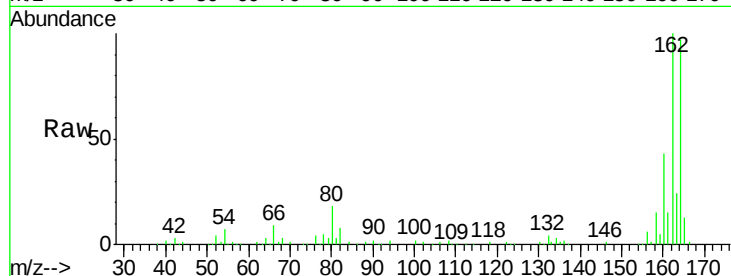
Tgt Ion:164 Resp: 124979

Ion Ratio Lower Upper

164 100

162 103.5 81.6 122.4

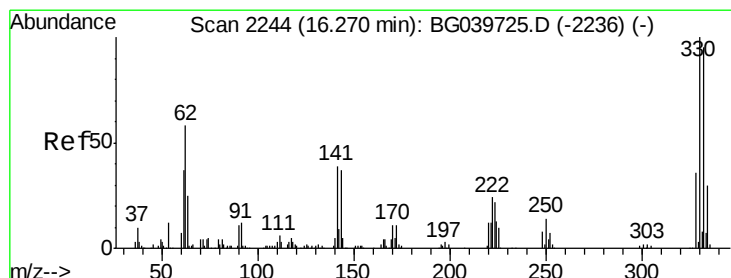
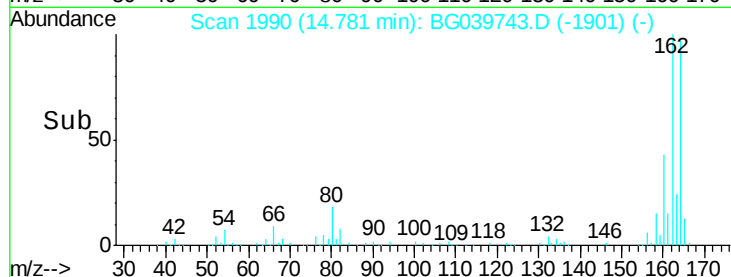
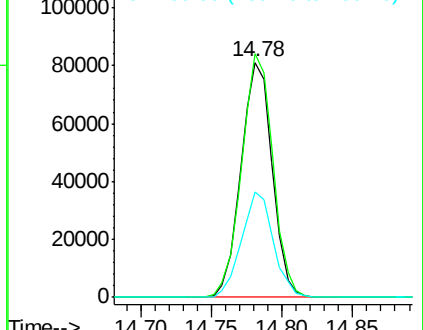
160 44.6 34.2 51.2



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: 155.288 ng

RT: 16.27 min Scan# 2243

Delta R.T. -0.01 min

Lab File: BG039743.D

Acq: 4 Mar 2019 22:45

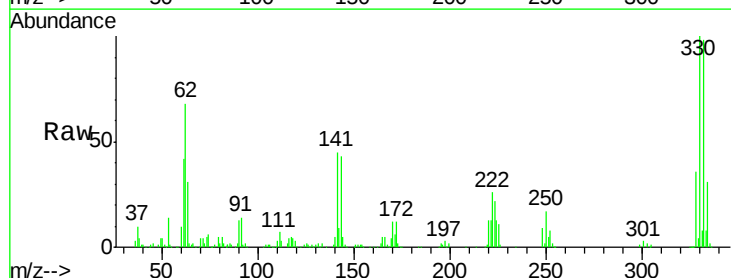
Tgt Ion:330 Resp: 226212

Ion Ratio Lower Upper

330 100

332 96.1 75.7 113.5

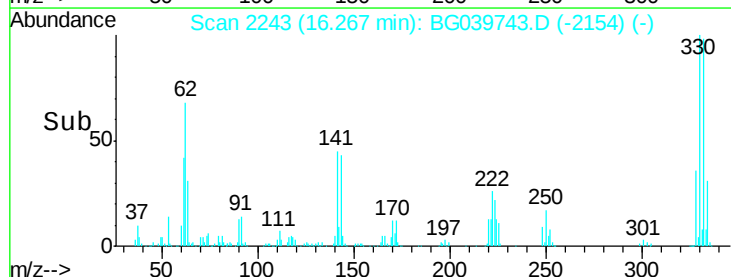
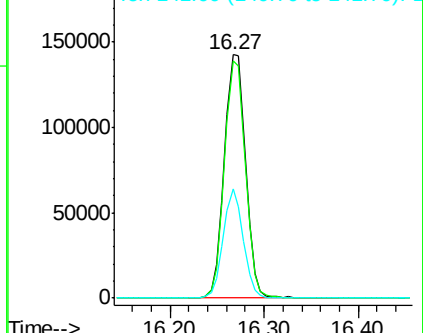
141 41.9 35.6 53.4



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

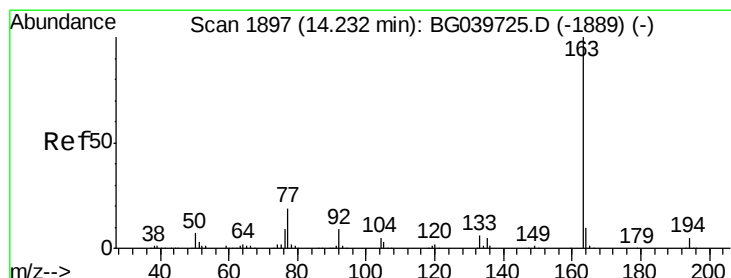
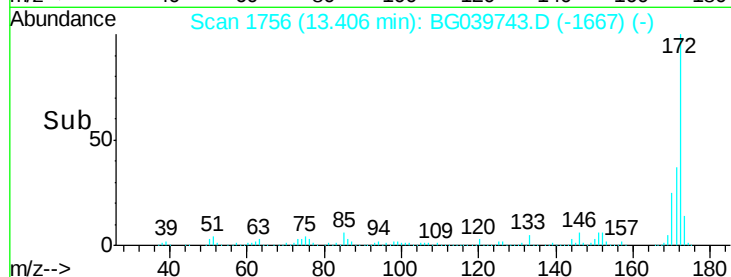
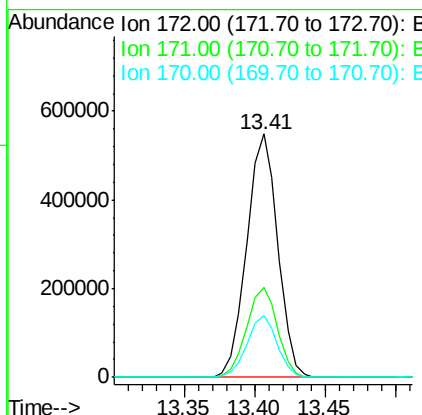
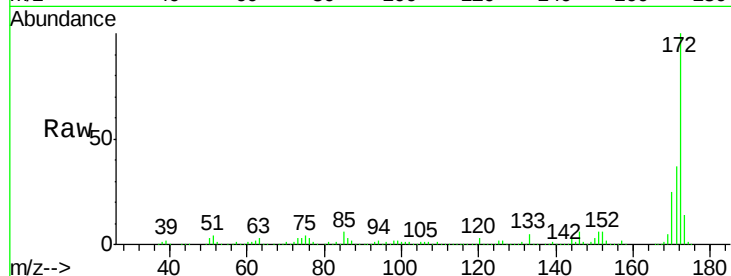




#45  
2-Fluorobiphenyl  
Concen: 96.208 ng  
RT: 13.41 min Scan# 1756  
Delta R.T. -0.01 min  
Lab File: BG039743.D  
Acq: 4 Mar 2019 22:45

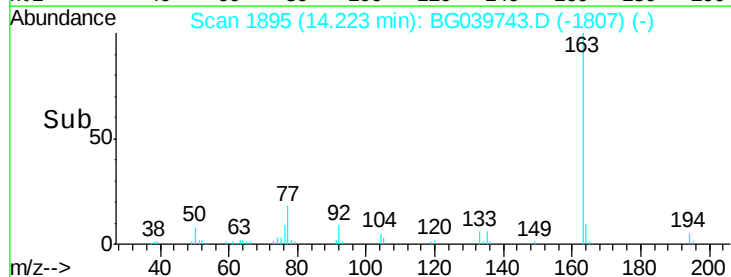
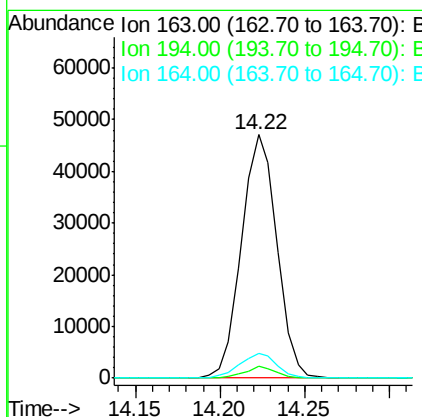
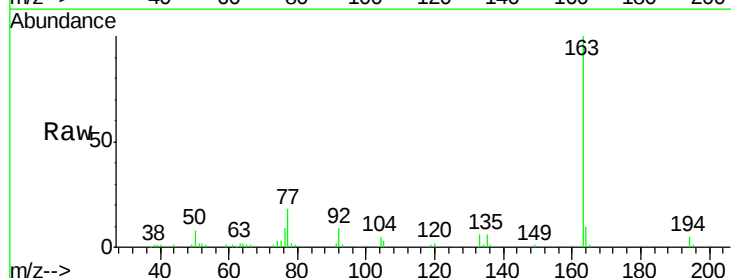
Instrument :  
BNA\_G  
ClientSampleId :  
SB-B-5-8

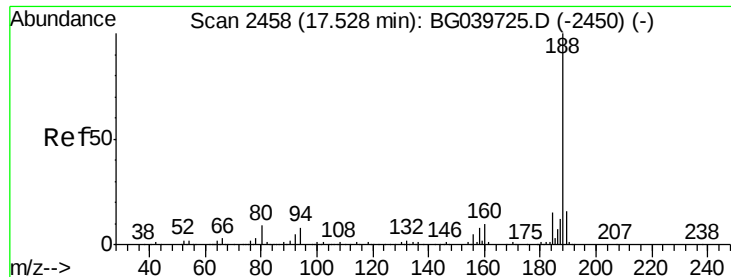
Tgt Ion:172 Resp: 844479  
Ion Ratio Lower Upper  
172 100  
171 36.8 30.8 46.2  
170 25.4 20.2 30.4



#50  
Dimethylphthalate  
Concen: 6.558 ng  
RT: 14.22 min Scan# 1895  
Delta R.T. -0.02 min  
Lab File: BG039743.D  
Acq: 4 Mar 2019 22:45

Tgt Ion:163 Resp: 68538  
Ion Ratio Lower Upper  
163 100  
194 4.7 3.6 5.4  
164 10.2 8.4 12.6





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.52 min Scan# 2457

Delta R.T. -0.01 min

Lab File: BG039743.D

Acq: 4 Mar 2019 22:45

Instrument :

BNA\_G

ClientSampleId :

SB-B-5-8

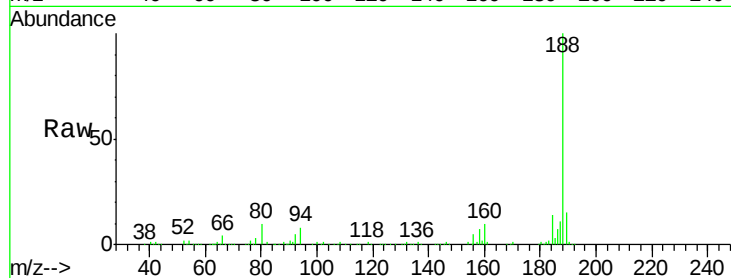
Tgt Ion:188 Resp: 311362

Ion Ratio Lower Upper

188 100

94 7.8 6.9 10.3

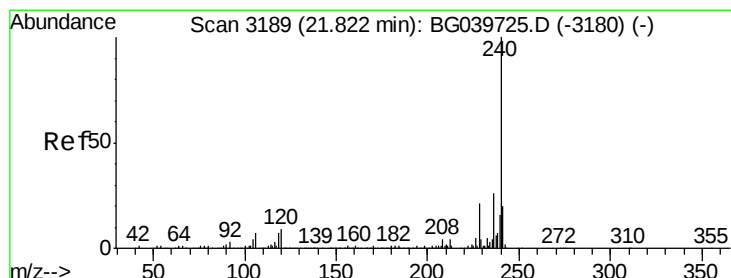
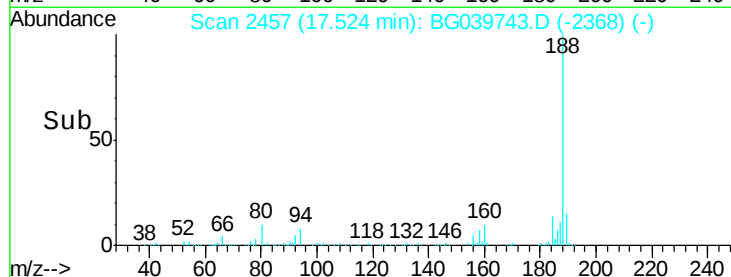
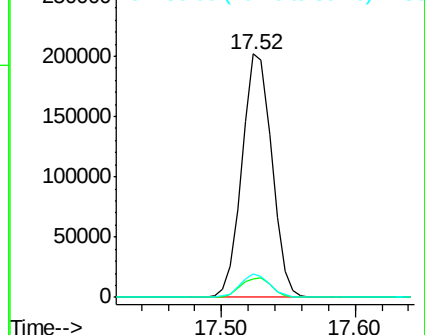
80 9.5 8.1 12.1



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: 21.81 min Scan# 3187

Delta R.T. -0.02 min

Lab File: BG039743.D

Acq: 4 Mar 2019 22:45

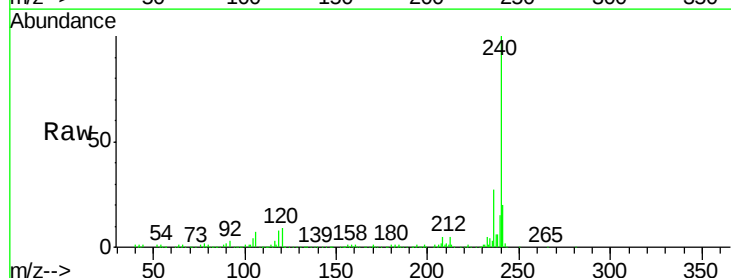
Tgt Ion:240 Resp: 330428

Ion Ratio Lower Upper

240 100

120 9.4 7.0 10.6

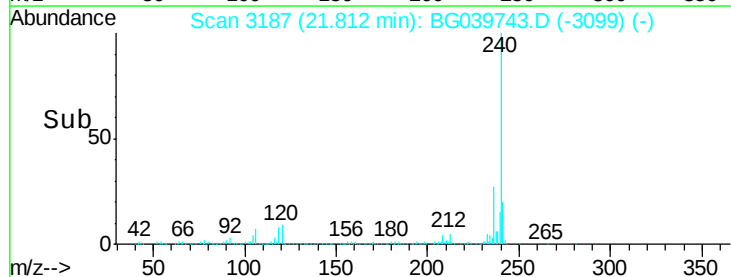
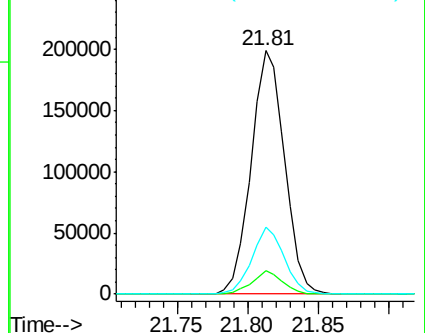
236 27.4 21.0 31.4

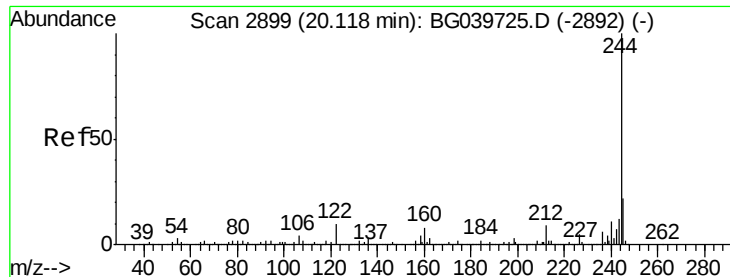


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#79

Terphenyl-d14

Concen: 90.857 ng

RT: 20.12 min Scan# 2899

Delta R.T. -0.00 min

Lab File: BG039743.D

Acq: 4 Mar 2019 22:45

Instrument :

BNA\_G

ClientSampleId :

SB-B-5-8

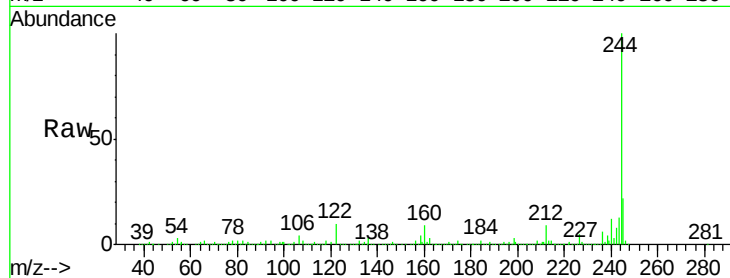
Tgt Ion:244 Resp: 1363508

Ion Ratio Lower Upper

244 100

212 9.5 7.3 10.9

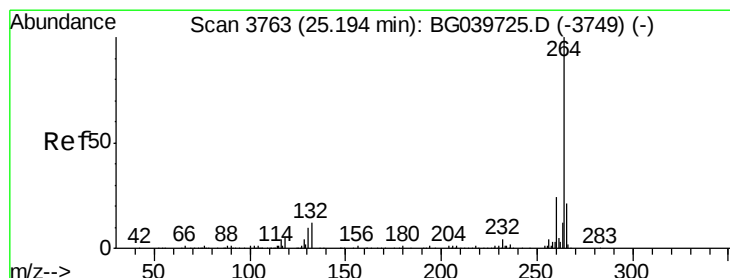
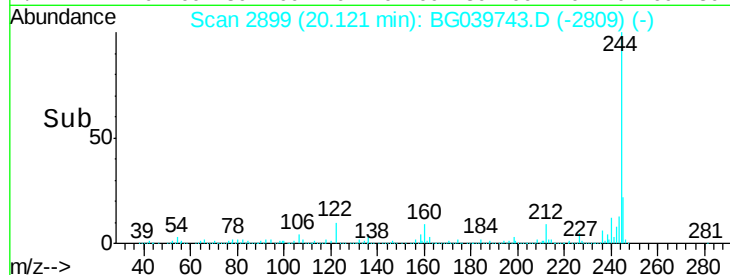
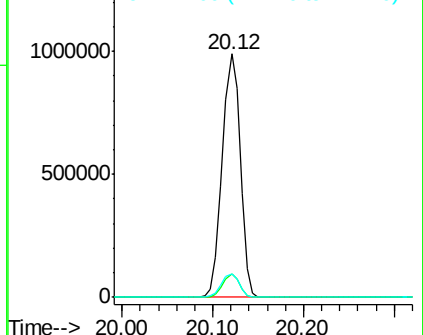
122 9.9 8.4 12.6



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: 25.19 min Scan# 3762

Delta R.T. -0.01 min

Lab File: BG039743.D

Acq: 4 Mar 2019 22:45

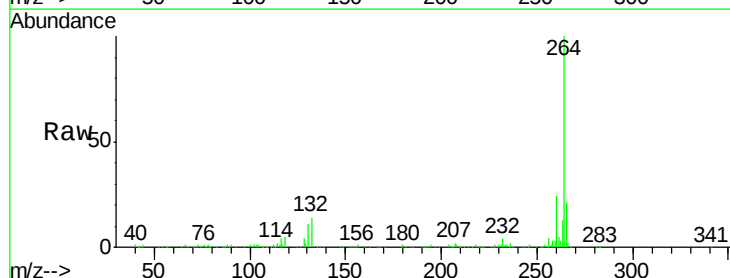
Tgt Ion:264 Resp: 338138

Ion Ratio Lower Upper

264 100

260 24.2 18.2 27.4

265 21.3 18.5 27.7



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

