

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG061319\  
 Data File : BG041240.D  
 Acq On : 14 Jun 2019 3:46  
 Operator : HP/JU  
 Sample : K3333-06  
 Misc :  
 ALS Vial : 16 Sample Multiplier: 1

Instrument :  
 BNA\_G  
 ClientSampleId :  
 CONCRETE-6

Quant Time: Jun 14 06:03:13 2019  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG052919.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Sun Jun 09 23:08:34 2019  
 Response via : Initial Calibration

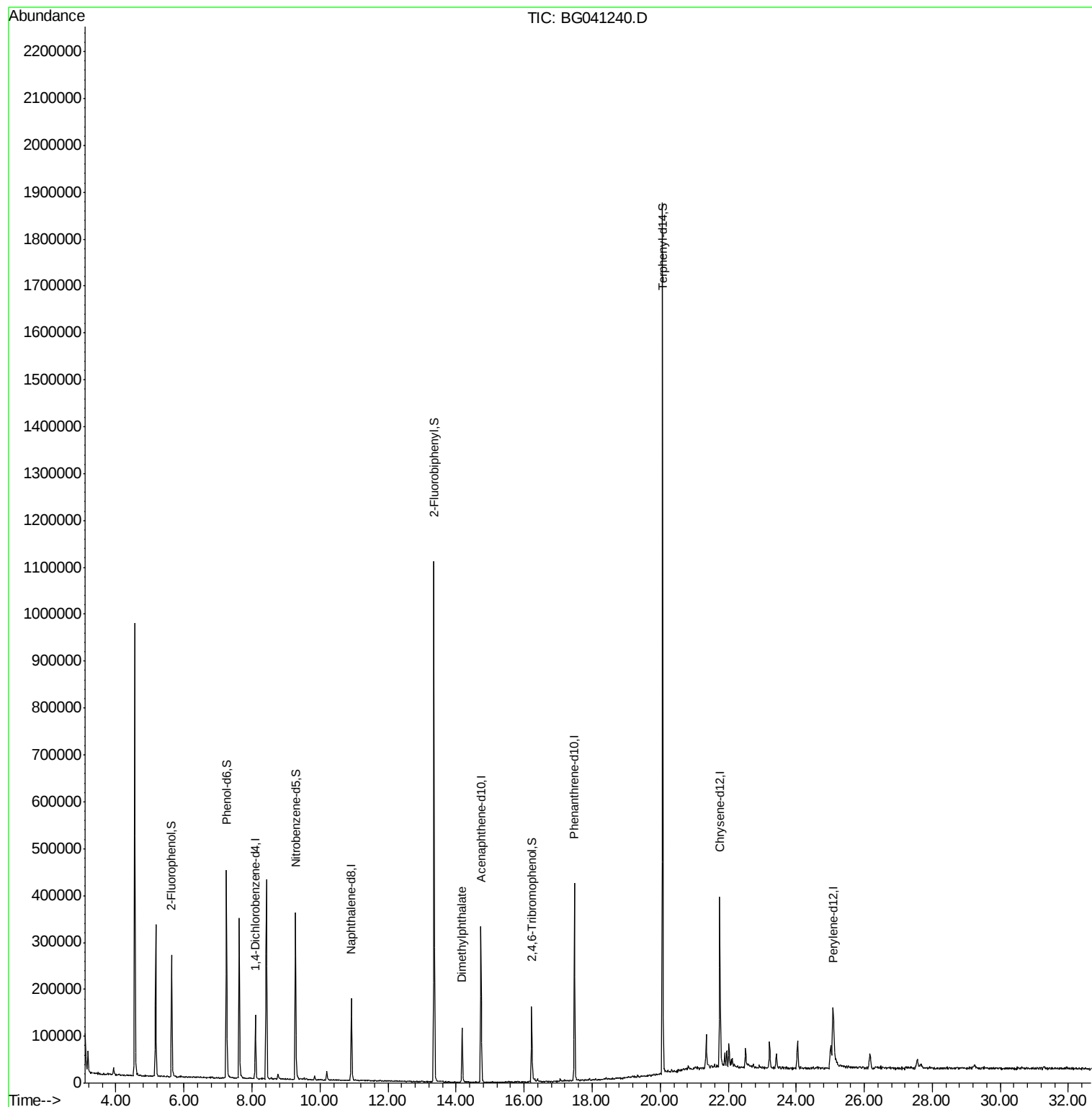
| Internal Standards          | R.T.  | QIon | Response | Conc  | Units | Dev(Min)  |
|-----------------------------|-------|------|----------|-------|-------|-----------|
| 1) 1,4-Dichlorobenzene-d4   | 8.10  | 152  | 36794    | 20.00 | ng    | 0.00      |
| 21) Naphthalene-d8          | 10.92 | 136  | 151688   | 20.00 | ng    | 0.00      |
| 39) Acenaphthene-d10        | 14.73 | 164  | 113874   | 20.00 | ng    | 0.00      |
| 64) Phenanthrene-d10        | 17.48 | 188  | 275743   | 20.00 | ng    | 0.00      |
| 76) Chrysene-d12            | 21.75 | 240  | 253625   | 20.00 | ng    | 0.00      |
| 87) Perylene-d12            | 25.08 | 264  | 209768   | 20.00 | ng    | 0.00      |
| System Monitoring Compounds |       |      |          |       |       |           |
| 5) 2-Fluorophenol           | 5.64  | 112  | 103754   | 50.85 | ng    | 0.00      |
| 7) Phenol-d6                | 7.25  | 99   | 242626   | 76.99 | ng    | 0.00      |
| 23) Nitrobenzene-d5         | 9.28  | 82   | 230238   | 67.38 | ng    | 0.00      |
| 42) 2,4,6-Tribromophenol    | 16.23 | 330  | 37414    | 22.13 | ng    | 0.00      |
| 45) 2-Fluorobiphenyl        | 13.35 | 172  | 565044   | 71.46 | ng    | 0.00      |
| 79) Terphenyl-d14           | 20.07 | 244  | 941938   | 78.82 | ng    | 0.00      |
| Target Compounds            |       |      |          |       |       |           |
| 50) Dimethylphthalate       | 14.18 | 163  | 82995    | 8.610 | ng    | Qvalue 97 |

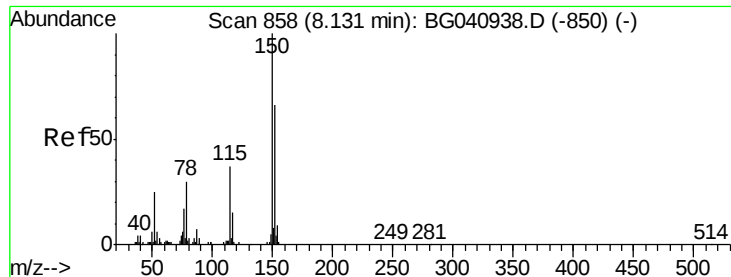
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG061319\  
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ALS Vial : 16 Sample Multiplier: 1

Instrument :  
BNA\_G  
ClientSampleId :  
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Quant Time: Jun 14 06:03:13 2019  
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG052919.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
QLast Update : Sun Jun 09 23:08:34 2019  
Response via : Initial Calibration





#1

1,4-Dichlorobenzene-d4

Concen: 20.000 ng

RT: 8.10 min Scan# 853

Delta R.T. -0.01 min

Lab File: BG041240.D

Acq: 14 Jun 2019 3:46

Instrument :

BNA\_G

ClientSampleId :

CONCRETE-6

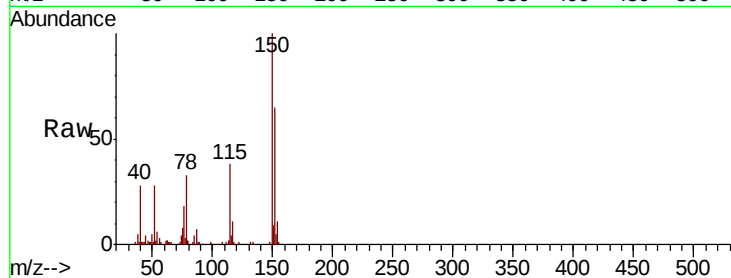
Tot Ion:152 Resp: 36794

Ion Ratio Lower Upper

152 100

150 154.8 120.6 180.8

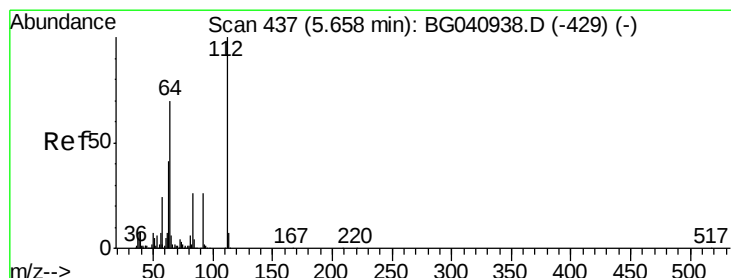
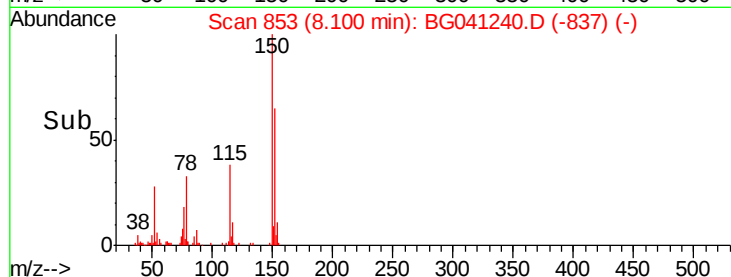
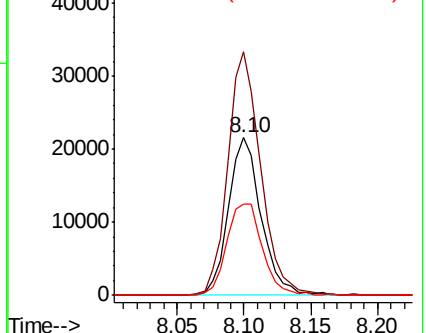
115 58.4 45.1 67.7



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: 50.848 ng

RT: 5.64 min Scan# 434

Delta R.T. 0.00 min

Lab File: BG041240.D

Acq: 14 Jun 2019 3:46

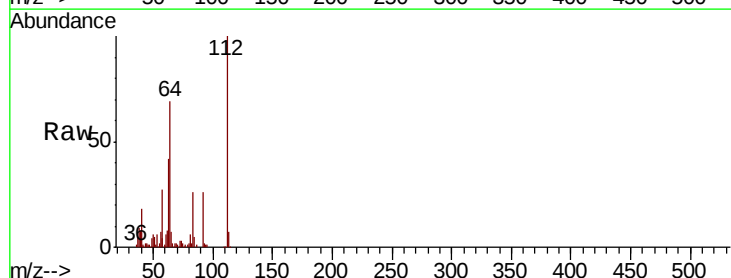
Tgt Ion:112 Resp: 103754

Ion Ratio Lower Upper

112 100

64 69.4 56.2 84.2

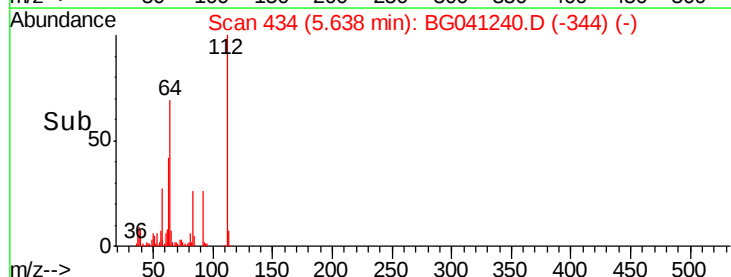
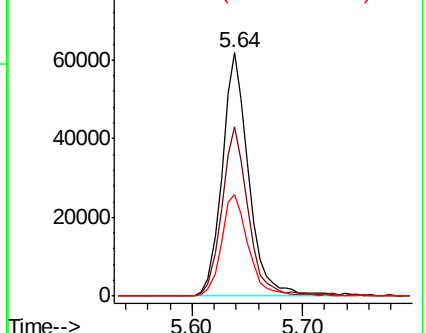
63 41.9 32.8 49.2

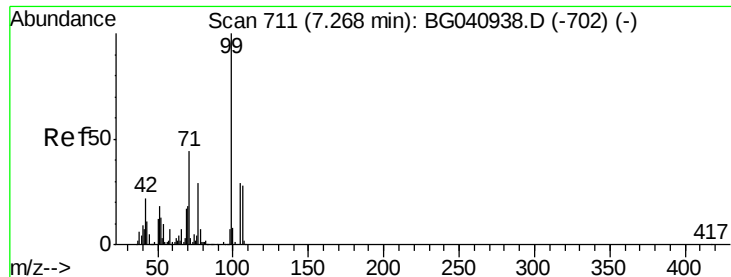


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BG0

Ion 63.00 (62.70 to 63.70): BG0





#7

Phenol-d6

Concen: 76.993 ng

RT: 7.25 min Scan# 708

Delta R.T. 0.00 min

Lab File: BG041240.D

Acq: 14 Jun 2019 3:46

Instrument :

BNA\_G

ClientSampleId :

CONCRETE-6

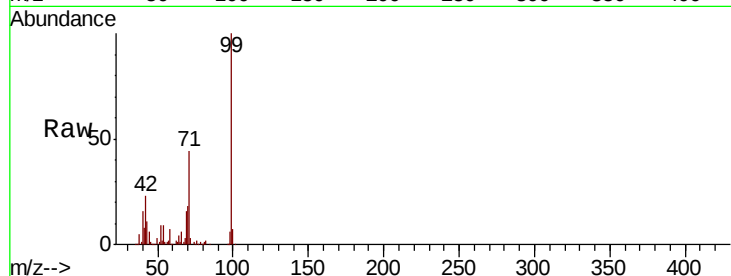
Tot Ion: 99 Resp: 242626

Ion Ratio Lower Upper

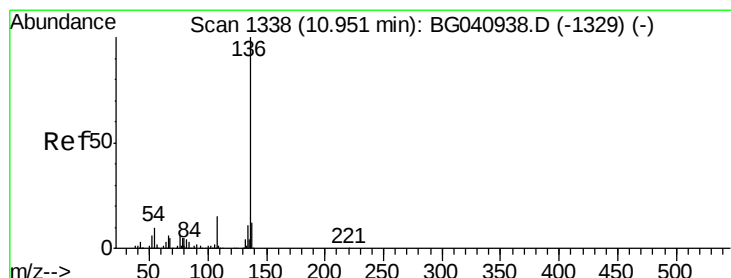
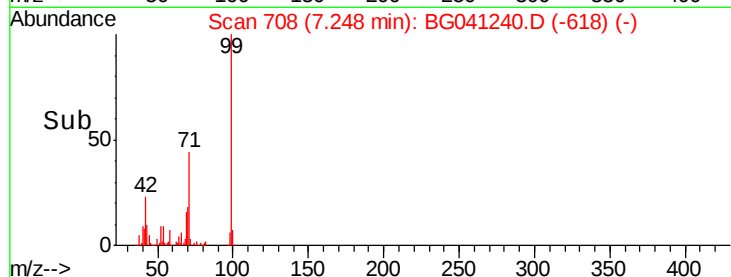
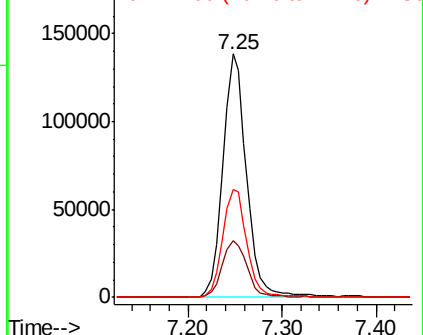
99 100

42 23.3 17.9 26.9

71 44.4 35.4 53.0



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



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.92 min Scan# 1333

Delta R.T. -0.01 min

Lab File: BG041240.D

Acq: 14 Jun 2019 3:46

Tgt Ion: 136 Resp: 151688

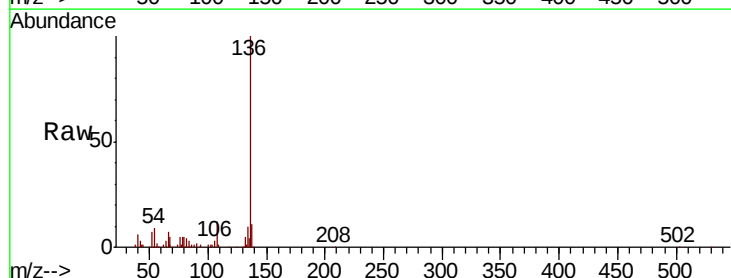
Ion Ratio Lower Upper

136 100

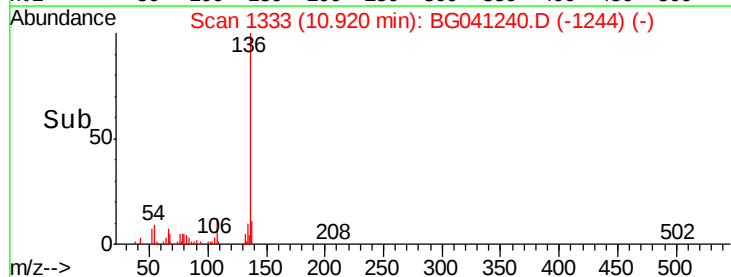
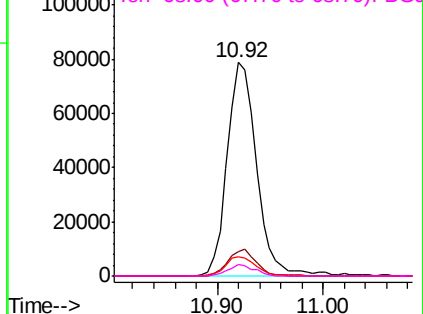
137 11.2 9.5 14.3

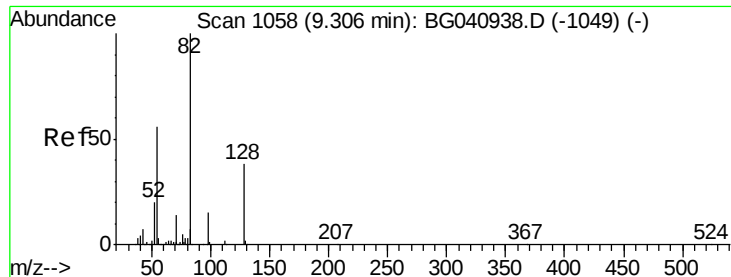
54 8.8 7.6 11.4

68 5.2 3.9 5.9



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

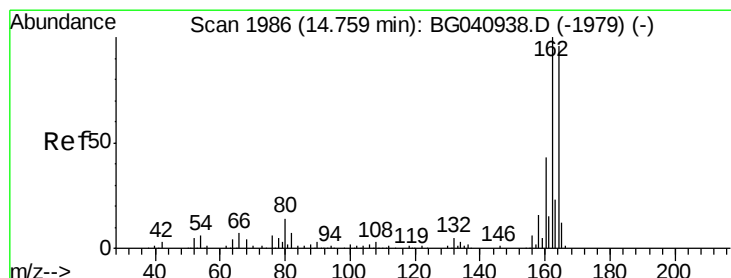
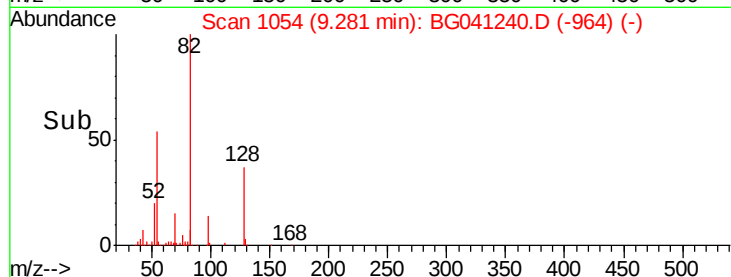
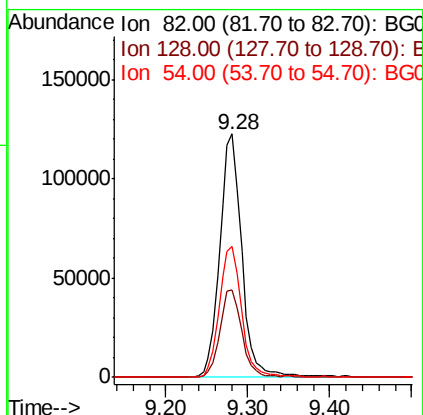
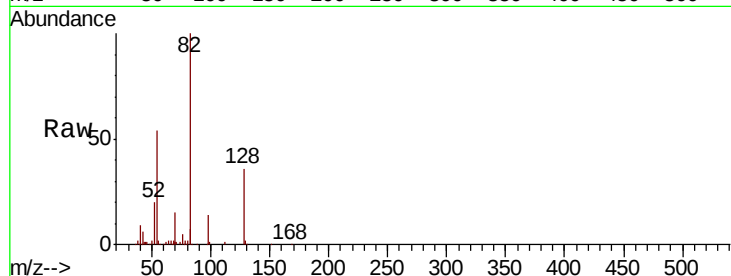




#23  
Nitrobenzene-d5  
Concen: 67.382 ng  
RT: 9.28 min Scan# 1054  
Delta R.T. 0.00 min  
Lab File: BG041240.D  
Acq: 14 Jun 2019 3:46

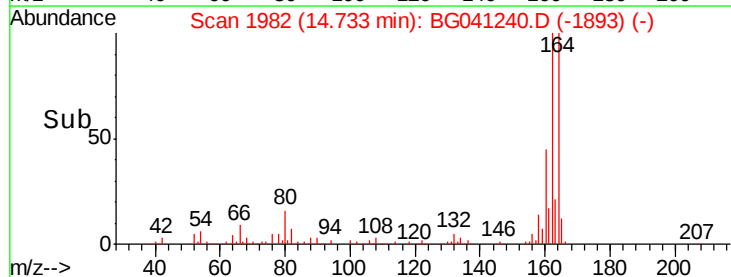
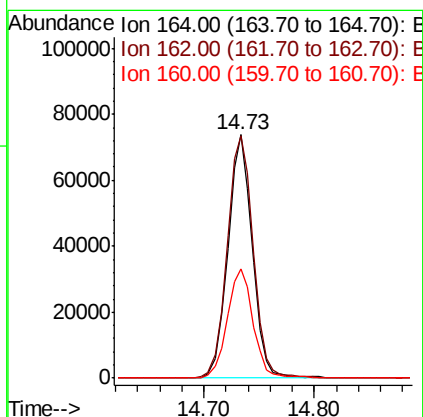
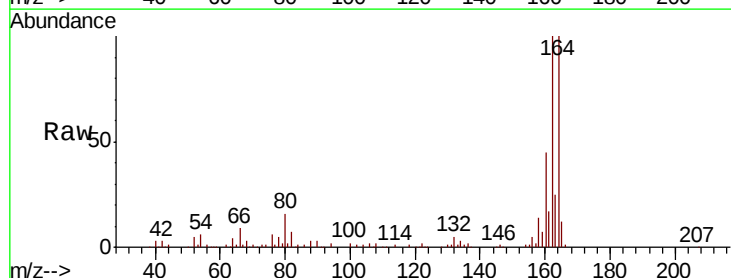
Instrument :  
BNA\_G  
ClientSampleId :  
CONCRETE-6

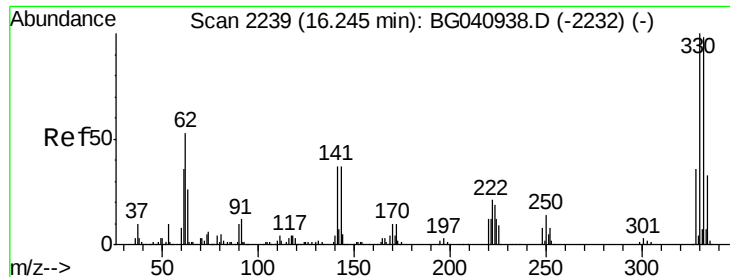
| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 82      | 100   |       |       |
| 128     | 36.1  | 30.5  | 45.7  |
| 54      | 53.6  | 44.6  | 66.8  |



#39  
Acenaphthene-d10  
Concen: 20.000 ng  
RT: 14.73 min Scan# 1982  
Delta R.T. -0.01 min  
Lab File: BG041240.D  
Acq: 14 Jun 2019 3:46

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 164     | 100   |       |       |
| 162     | 99.8  | 83.0  | 124.4 |
| 160     | 45.0  | 35.6  | 53.4  |

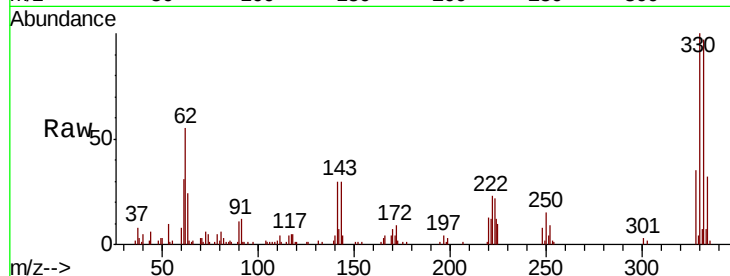




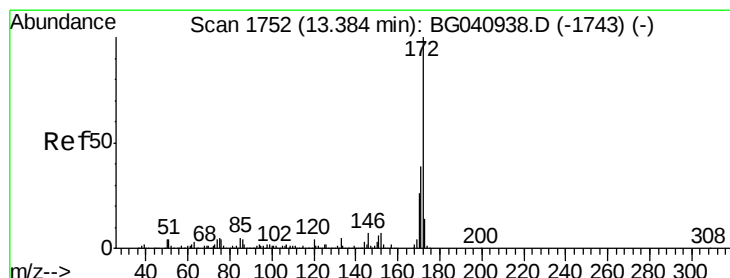
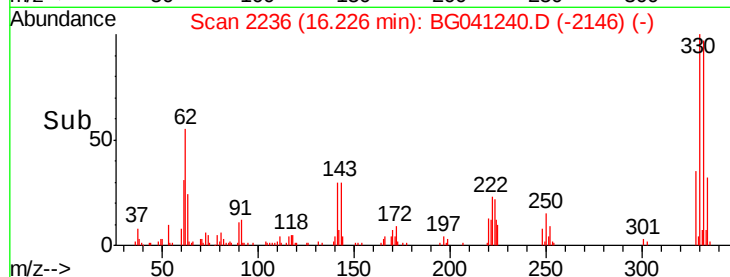
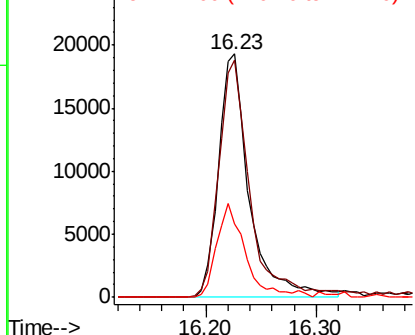
#42  
 2,4,6-Tribromophenol  
 Concen: 22.131 ng  
 RT: 16.23 min Scan# 2236  
 Delta R.T. 0.00 min  
 Lab File: BG041240.D  
 Acq: 14 Jun 2019 3:46

Instrument :  
 BNA\_G  
 ClientSampleId :  
 CONCRETE-6

Tot Ion:330 Resp: 37414  
 Ion Ratio Lower Upper  
 330 100  
 332 100.7 78.5 117.7  
 141 36.0 28.7 43.1

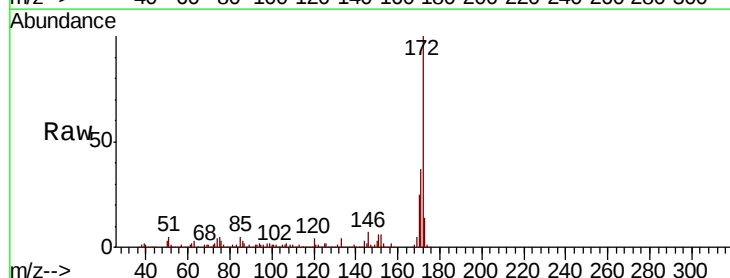


Abundance Ion 329.80 (329.50 to 330.50): E  
 Ion 331.80 (331.50 to 332.50): E  
 Ion 141.00 (140.70 to 141.70): E

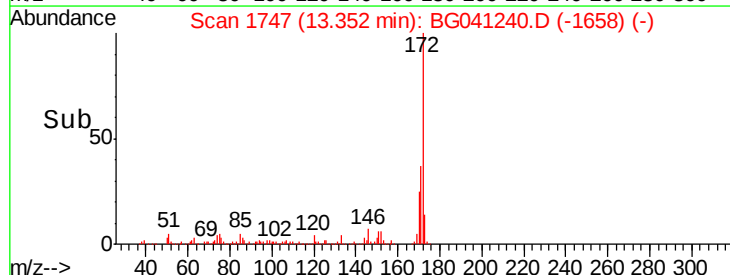
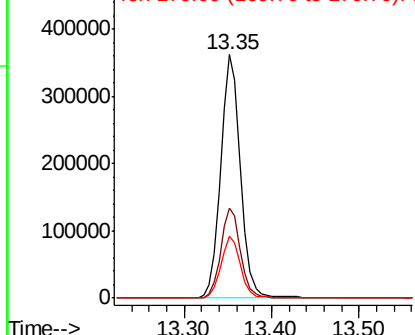


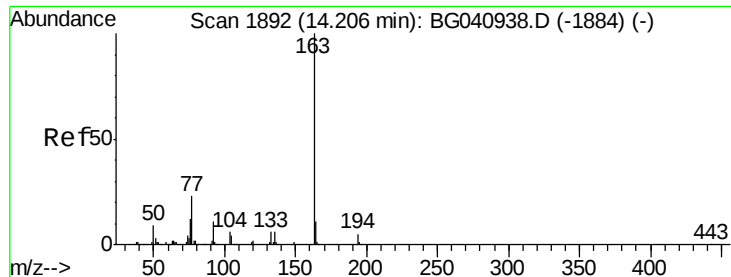
#45  
 2-Fluorobiphenyl  
 Concen: 71.458 ng  
 RT: 13.35 min Scan# 1747  
 Delta R.T. -0.01 min  
 Lab File: BG041240.D  
 Acq: 14 Jun 2019 3:46

Tgt Ion:172 Resp: 565044  
 Ion Ratio Lower Upper  
 172 100  
 171 36.8 31.1 46.7  
 170 25.3 20.5 30.7



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

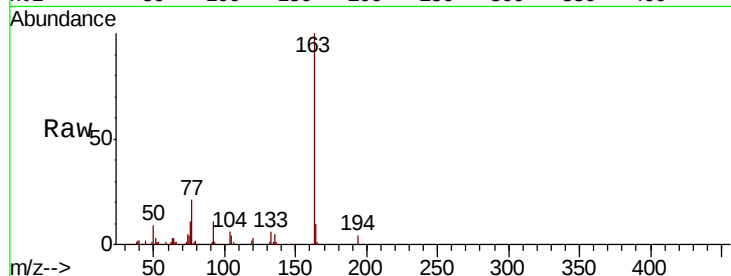




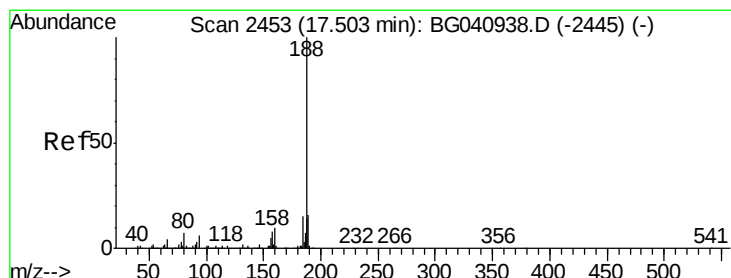
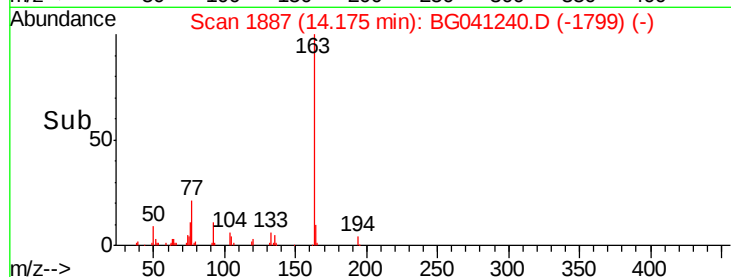
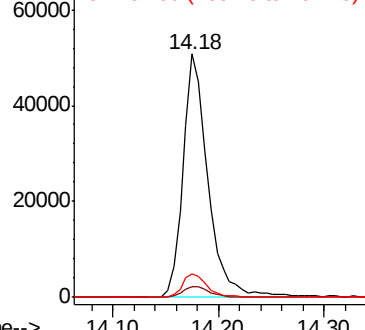
#50  
Dimethylphthalate  
Concen: 8.610 ng  
RT: 14.18 min Scan# 1887  
Delta R.T. -0.01 min  
Lab File: BG041240.D  
Acq: 14 Jun 2019 3:46

Instrument :  
BNA\_G  
ClientSampleId :  
CONCRETE-6

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 163     | 100   |       |       |
| 194     | 4.7   | 3.8   | 5.8   |
| 164     | 9.6   | 8.7   | 13.1  |

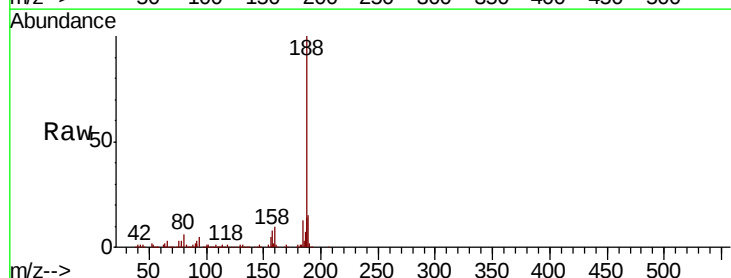


Abundance Ion 163.00 (162.70 to 163.70): E  
Ion 194.00 (193.70 to 194.70): E  
Ion 164.00 (163.70 to 164.70): E

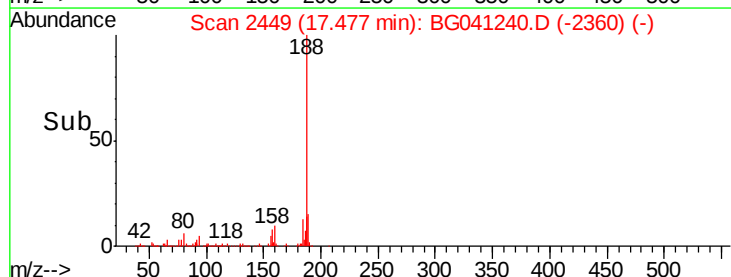
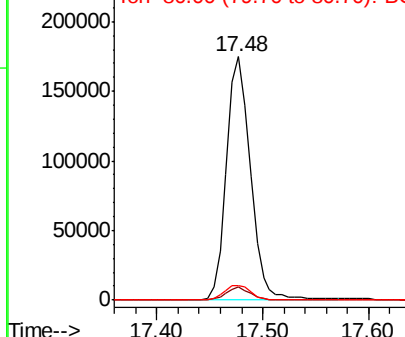


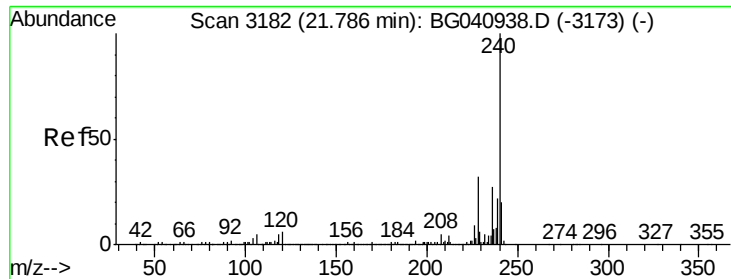
#64  
Phenanthrene-d10  
Concen: 20.000 ng  
RT: 17.48 min Scan# 2449  
Delta R.T. -0.01 min  
Lab File: BG041240.D  
Acq: 14 Jun 2019 3:46

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 188     | 100   |       |       |
| 94      | 5.4   | 4.7   | 7.1   |
| 80      | 6.2   | 5.8   | 8.8   |



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

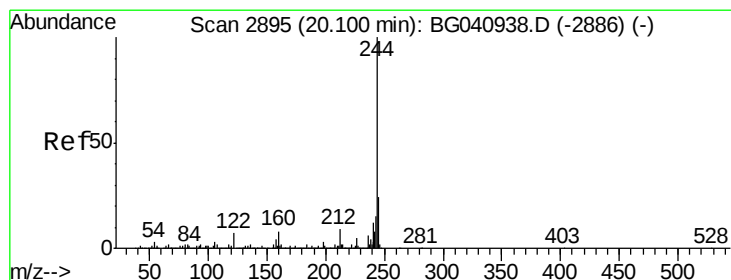
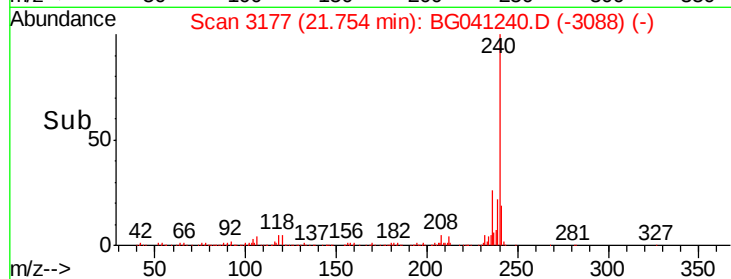
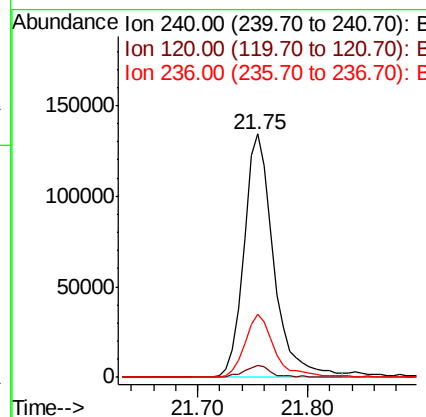
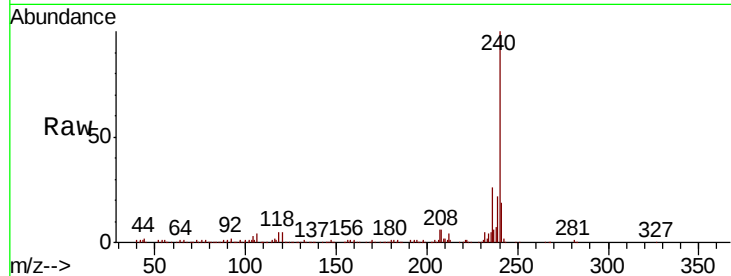




#76  
 Chrvsene-d12  
 Concen: 20.000 ng  
 RT: 21.75 min Scan# 3177  
 Delta R.T. -0.01 min  
 Lab File: BG041240.D  
 Acq: 14 Jun 2019 3:46

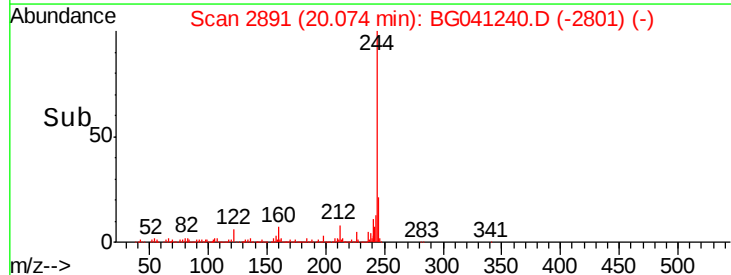
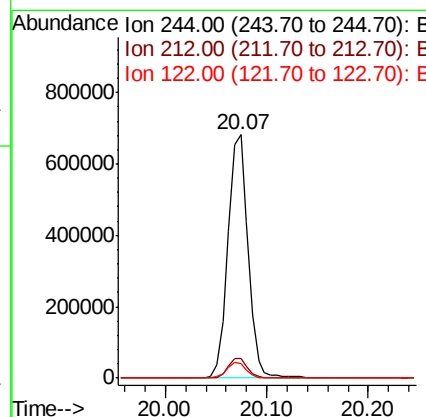
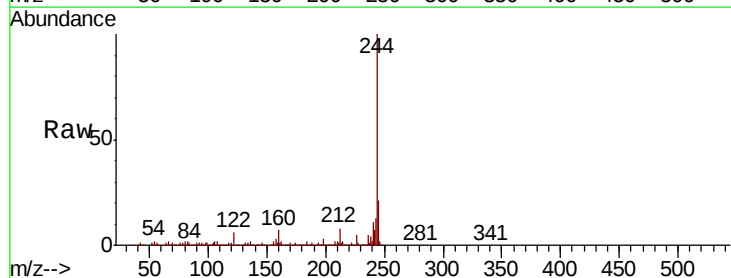
Instrument :  
 BNA\_G  
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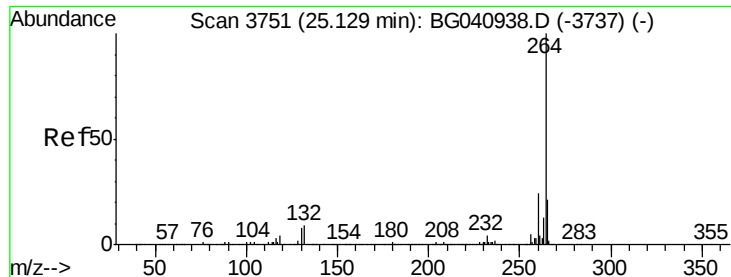
Tot Ion:240 Resp: 253625  
 Ion Ratio Lower Upper  
 240 100  
 120 4.9 4.5 6.7  
 236 26.1 21.3 31.9



#79  
 Terphenyl-d14  
 Concen: 78.822 ng  
 RT: 20.07 min Scan# 2891  
 Delta R.T. 0.00 min  
 Lab File: BG041240.D  
 Acq: 14 Jun 2019 3:46

Tgt Ion:244 Resp: 941938  
 Ion Ratio Lower Upper  
 244 100  
 212 8.0 7.0 10.4  
 122 5.8 5.4 8.0





#87

Pervlene-d12

Concen: 20.000 ng

RT: 25.08 min Scan# 3743

Delta R.T. -0.01 min

Lab File: BG041240.D

Acq: 14 Jun 2019 3:46

Instrument :

BNA\_G

ClientSampleId :

CONCRETE-6

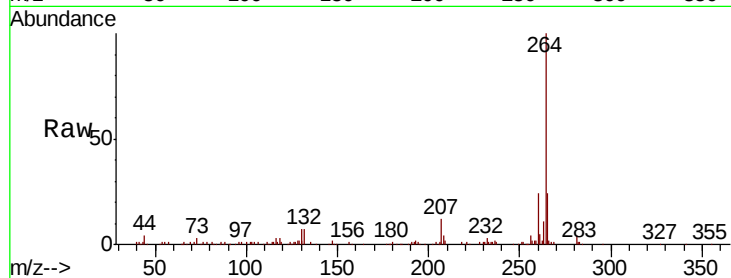
Tot Ion:264 Resp: 209768

Ion Ratio Lower Upper

264 100

260 23.7 19.0 28.4

265 23.8 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

