

Data Path : Z:\HPCHEM1\BNA\_G\Data\BG041316\BG041316RAW\  
 Data File : BG021638.D  
 Acq On : 14 Apr 2016 2:08  
 Operator : UM/SJ  
 Sample : H1824-03  
 Misc :  
 ALS Vial : 19 Sample Multiplier: 1

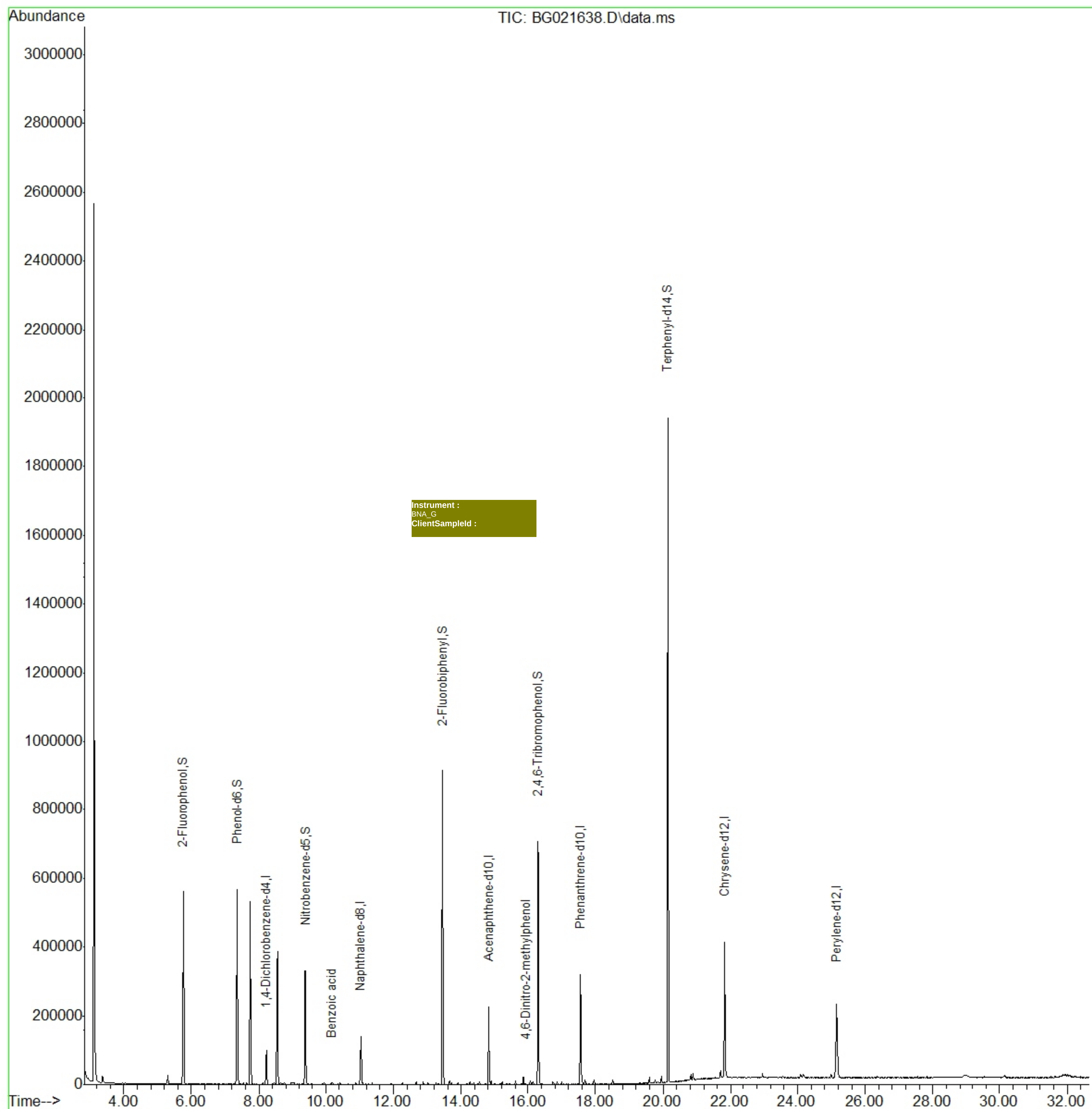
Quant Time: Apr 14 13:20:32 2016  
 Quant Method : Z:\HPCHEM1\BNA\_G\METHODS\8270-BG041316.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Wed Apr 13 15:48:13 2016  
 Response via : Initial Calibration

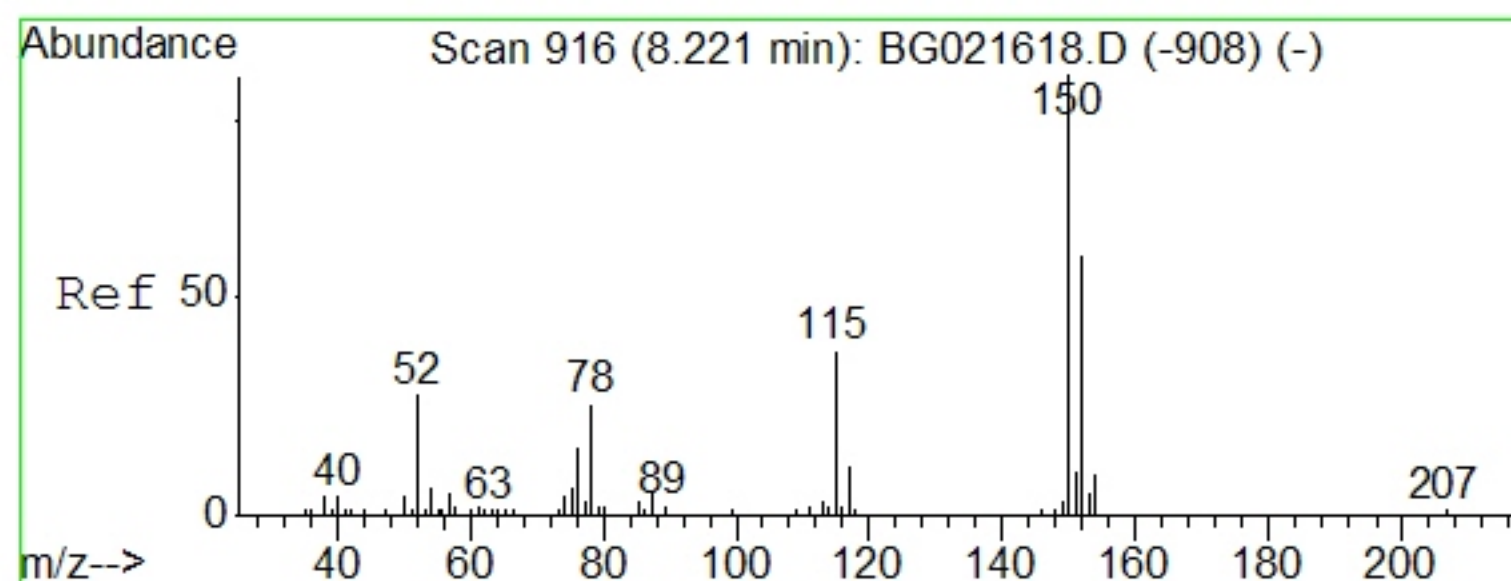
| Compound                      | R.T.   | QIon | Response | Conc   | Units | Dev(Min) |
|-------------------------------|--------|------|----------|--------|-------|----------|
| Internal Standards            |        |      |          |        |       |          |
| 1) 1,4-Dichlorobenzene-d4     | 8.213  | 152  | 27860    | 20.00  | ng    | 0.00     |
| 21) Naphthalene-d8            | 11.033 | 136  | 122646   | 20.00  | ng    | 0.00     |
| 38) Acenaphthene-d10          | 14.823 | 164  | 78084    | 20.00  | ng    | 0.00     |
| 63) Phenanthrene-d10          | 17.555 | 188  | 198995   | 20.00  | ng    | 0.00     |
| 75) Chrysene-d12              | 21.827 | 240  | 237855   | 20.00  | ng    | 0.00     |
| 86) Perylene-d12              | 25.152 | 264  | 231303   | 20.00  | ng    | -0.01    |
| System Monitoring Compounds   |        |      |          |        |       |          |
| 5) 2-Fluorophenol             | 5.763  | 112  | 238714   | 142.69 | ng    | 0.00     |
| 7) Phenol-d6                  | 7.361  | 99   | 342082   | 136.89 | ng    | 0.00     |
| 23) Nitrobenzene-d5           | 9.382  | 82   | 204014   | 85.50  | ng    | 0.00     |
| 41) 2,4,6-Tribromophenol      | 16.298 | 330  | 123047   | 146.22 | ng    | 0.00     |
| 44) 2-Fluorobiphenyl          | 13.454 | 172  | 469090   | 88.02  | ng    | 0.00     |
| 78) Terphenyl-d14             | 20.146 | 244  | 829959   | 87.07  | ng    | 0.00     |
| Target Compounds              |        |      |          |        |       |          |
| 32) Benzoic acid              | 10.176 | 122  | 1601     | 5.72   | ng    | # 9      |
| 64) 4,6-Dinitro-2-methylph... | 15.922 | 198  | 253      | 5.67   | ng    | # 42     |

(#) = qualifier out of range (m) = Instrument :  
BNA\_G  
ClientSampleId : Integration (+) = signals summed

Data Path : Z:\HPCHEM1\BNA\_G\Data\BG041316\BG041316RAW\  
Data File : BG021638.D  
Acq On : 14 Apr 2016 2:08  
Operator : UM/SJ  
Sample : H1824-03  
Misc :  
ALS Vial : 19 Sample Multiplier: 1

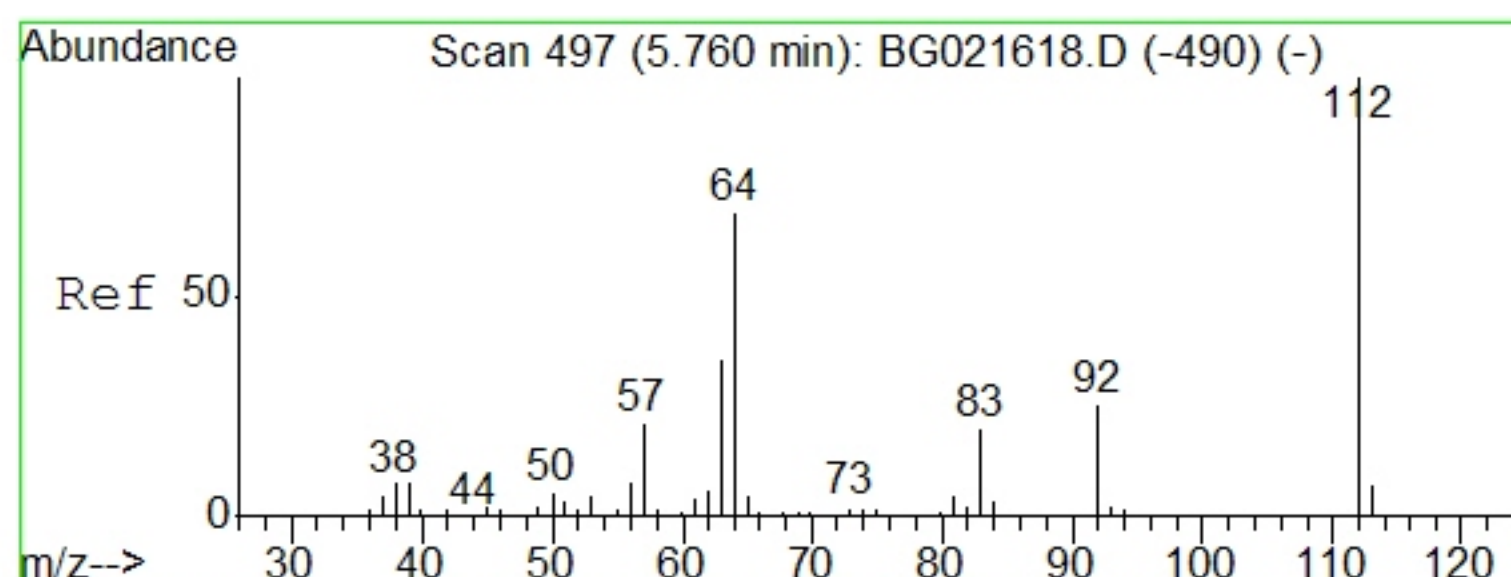
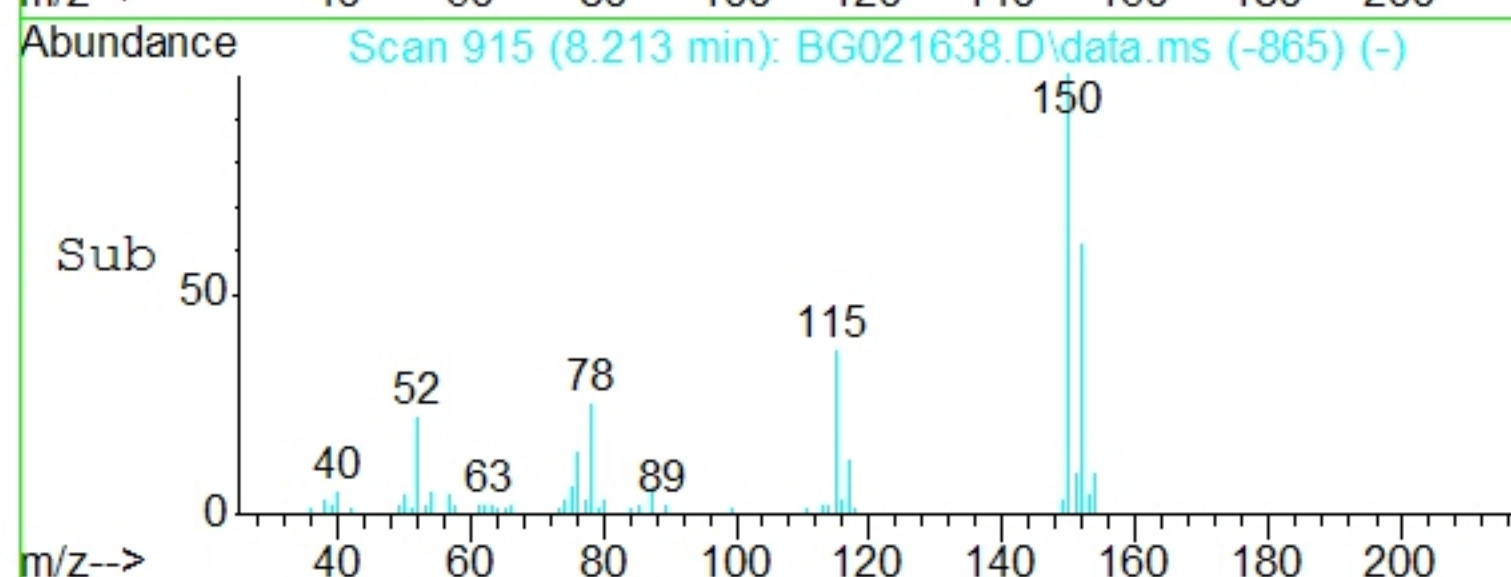
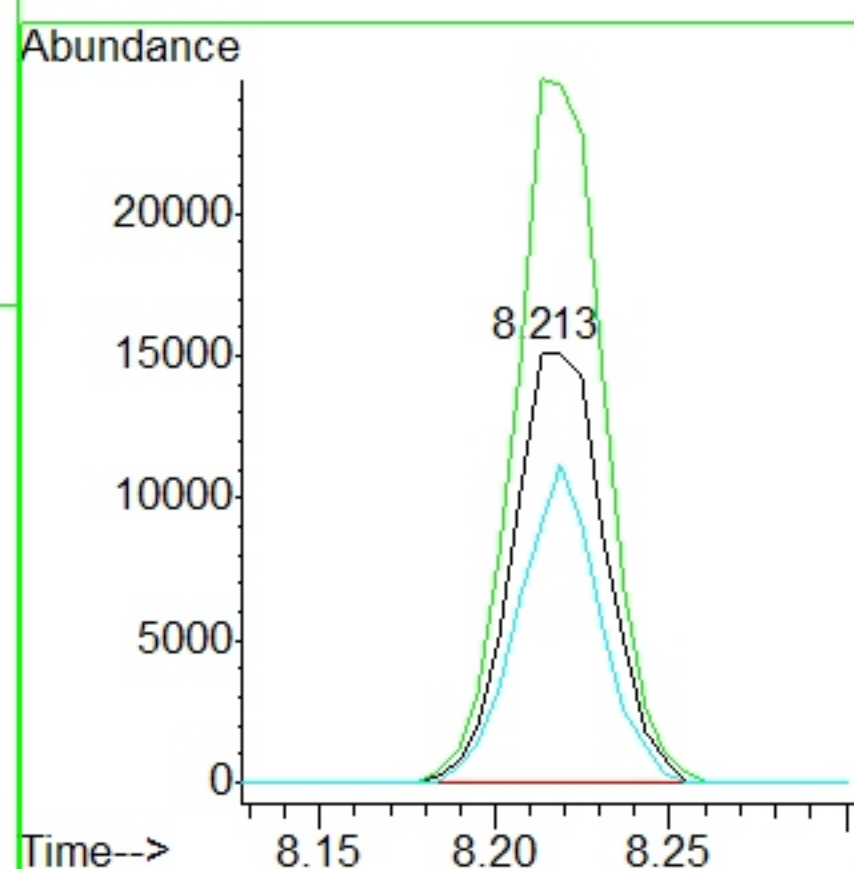
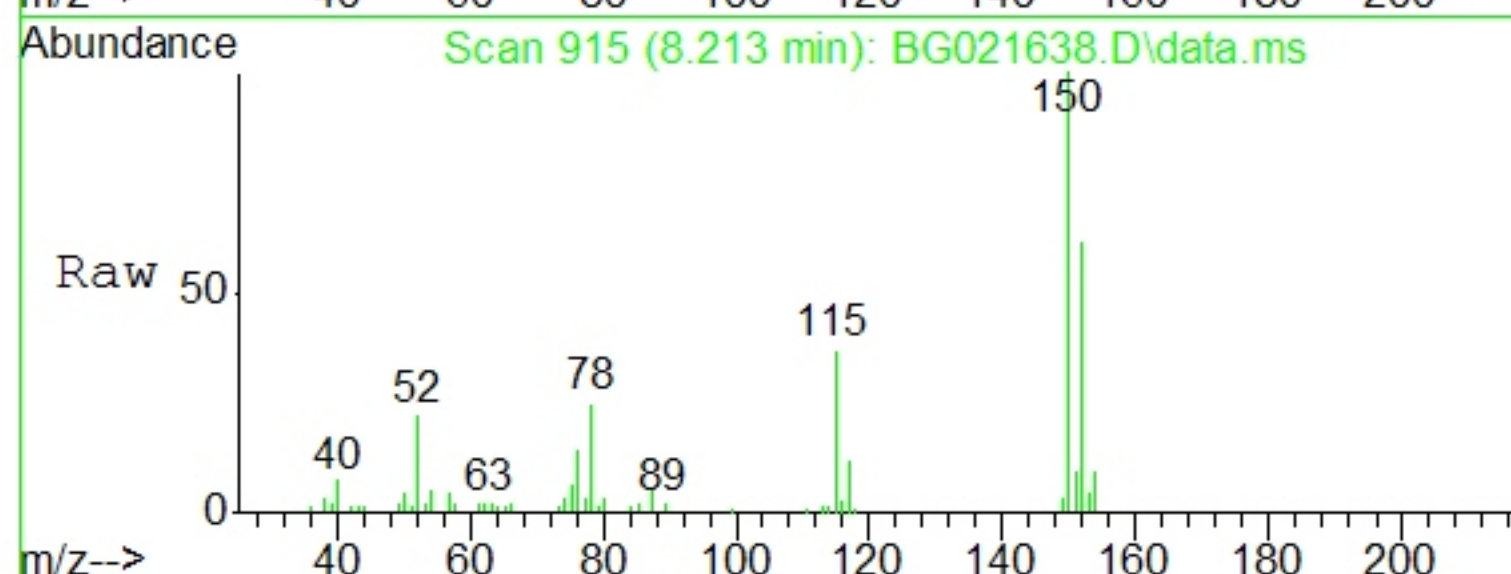
Quant Time: Apr 14 13:20:32 2016  
Quant Method : Z:\HPCHEM1\BNA\_G\METHODS\8270-BG041316.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
QLast Update : Wed Apr 13 15:48:13 2016  
Response via : Initial Calibration





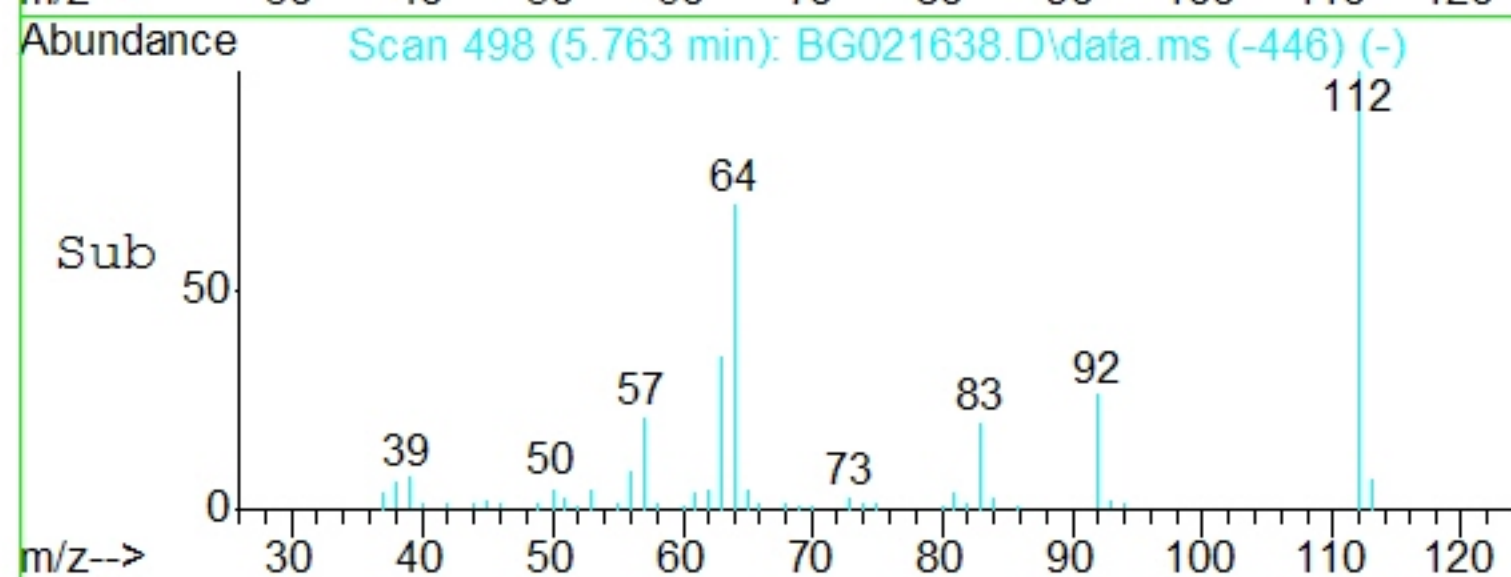
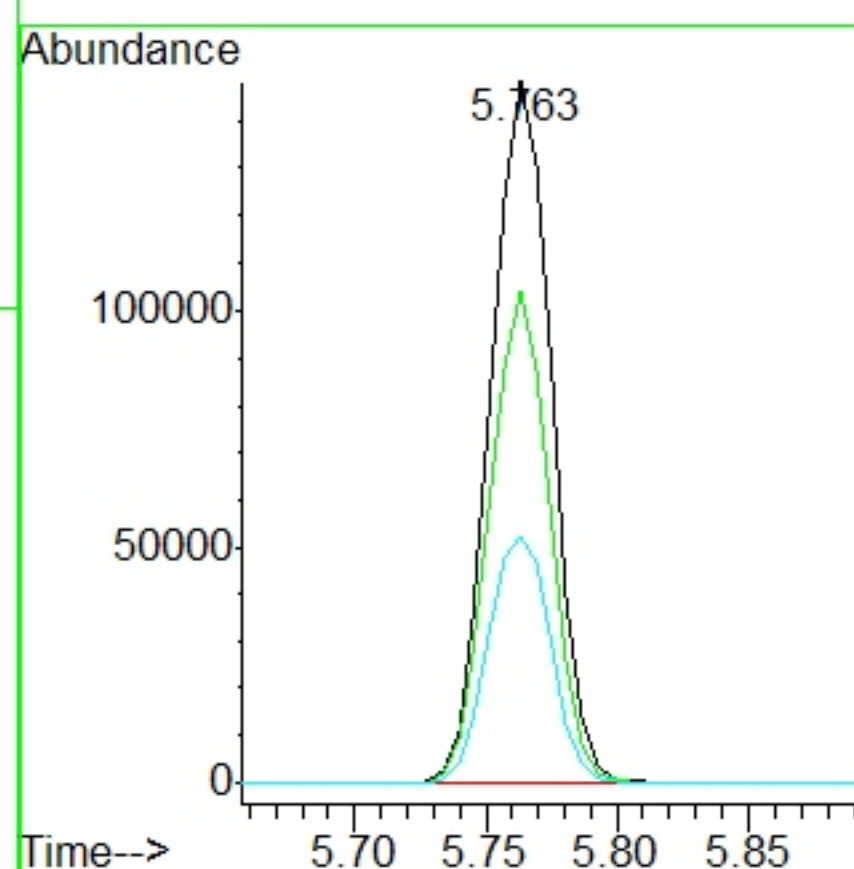
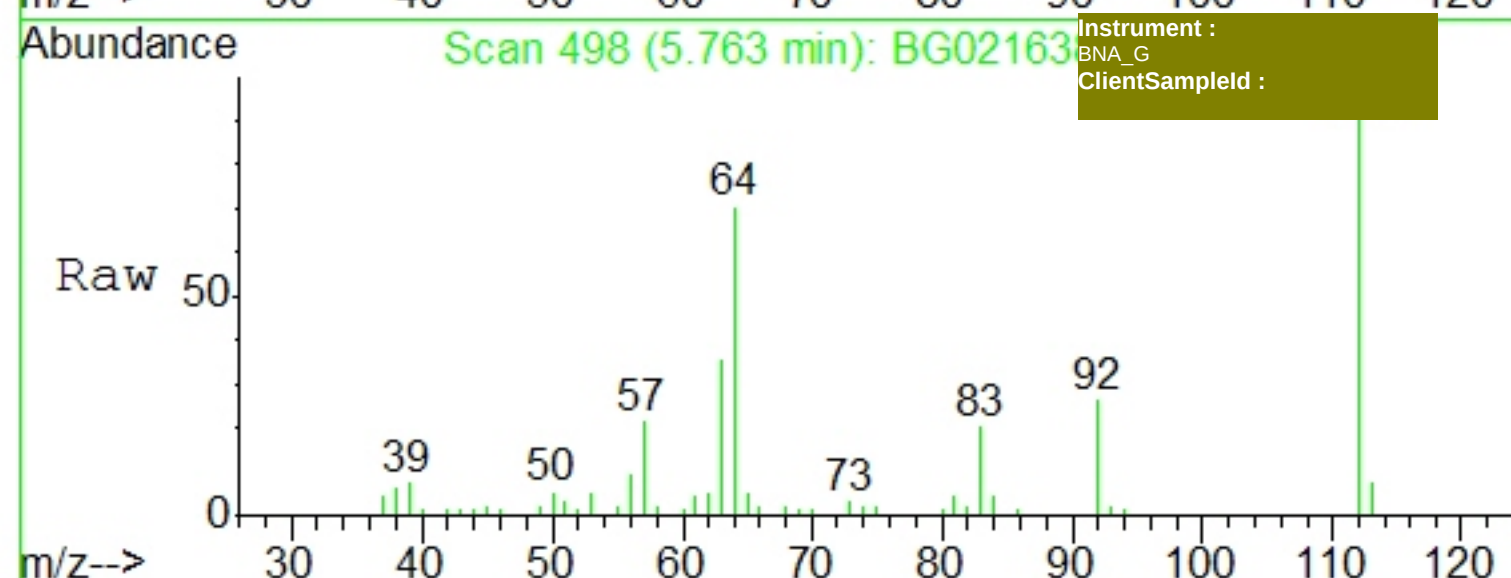
#1  
1,4-Dichlorobenzene-d4  
Concen: 20.00 ng  
RT: 8.213 min Scan# 915  
Delta R.T. -0.008 min  
Lab File: BG021638.D  
Acq: 14 Apr 2016 2:08

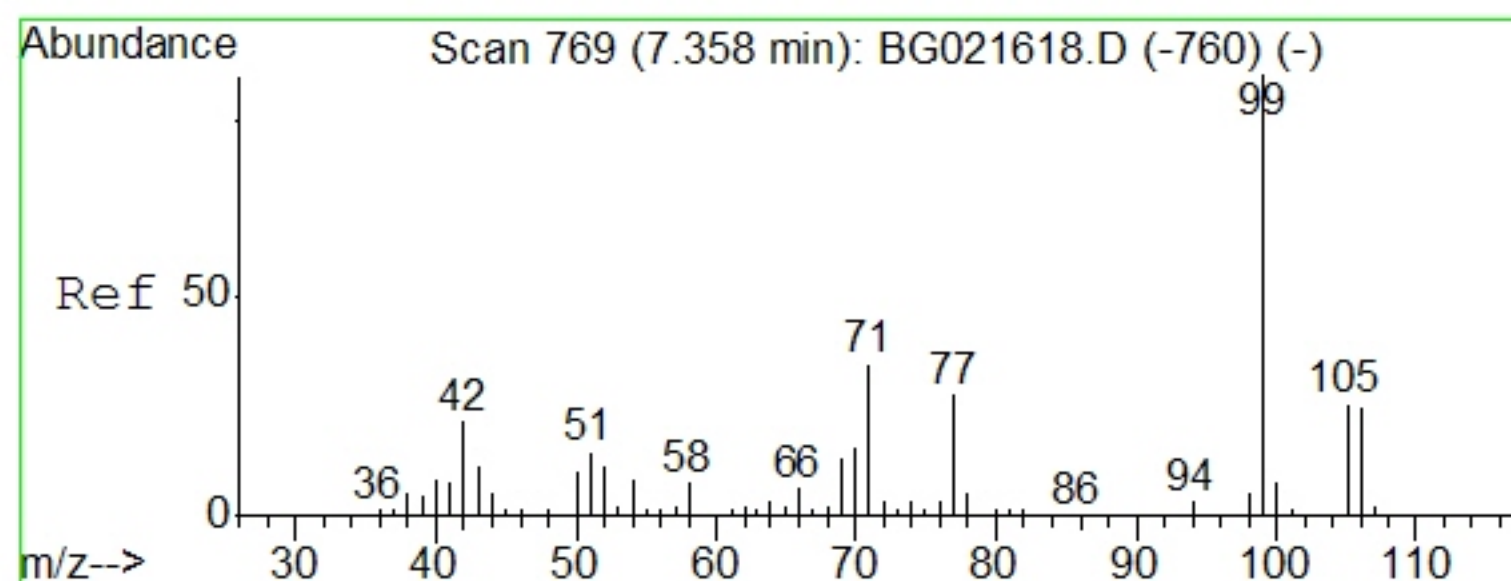
| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 152     | 100   |       |       |
| 150     | 163.7 | 130.1 | 195.1 |
| 115     | 59.9  | 62.2  | 93.2  |



#5  
2-Fluorophenol  
Concen: 142.69 ng  
RT: 5.763 min Scan# 498  
Delta R.T. 0.004 min  
Lab File: BG021638.D  
Acq: 14 Apr 2016 2:08

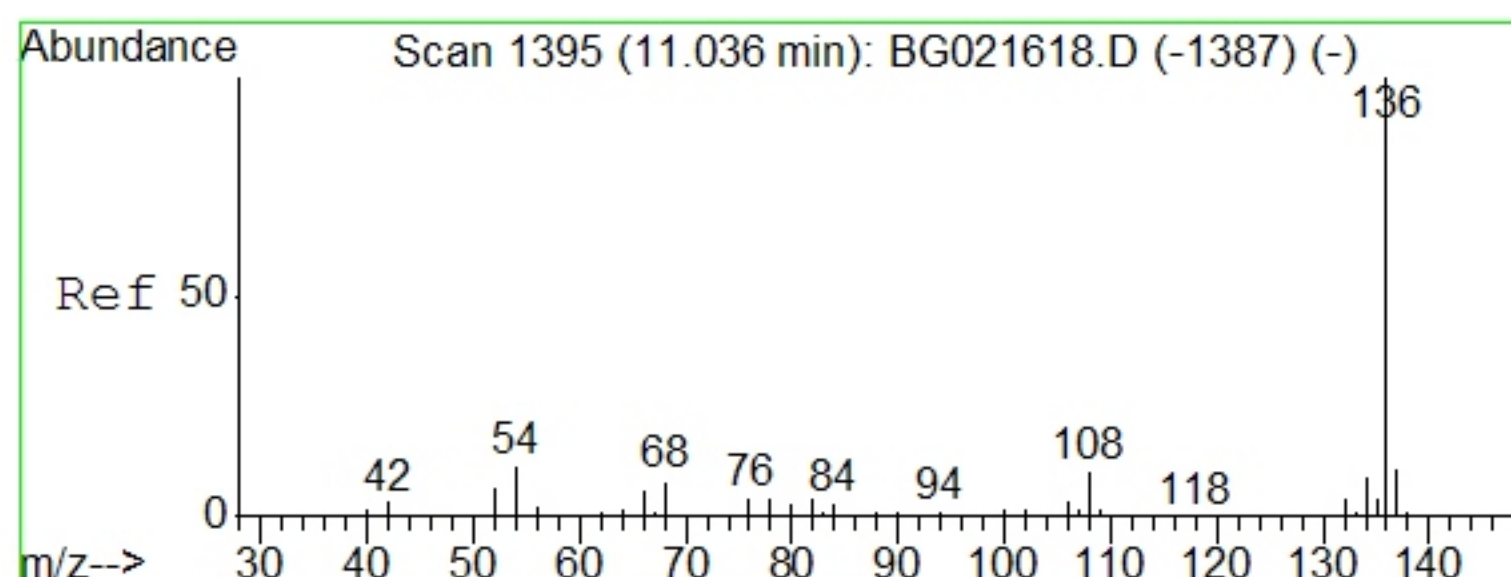
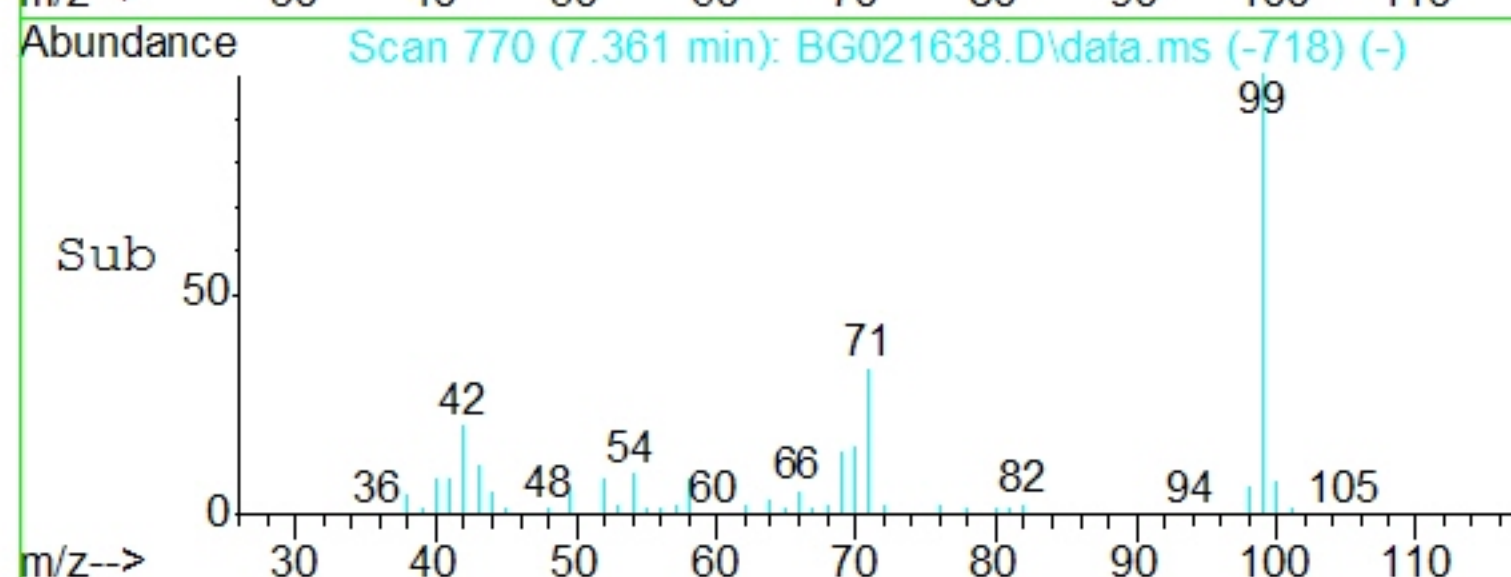
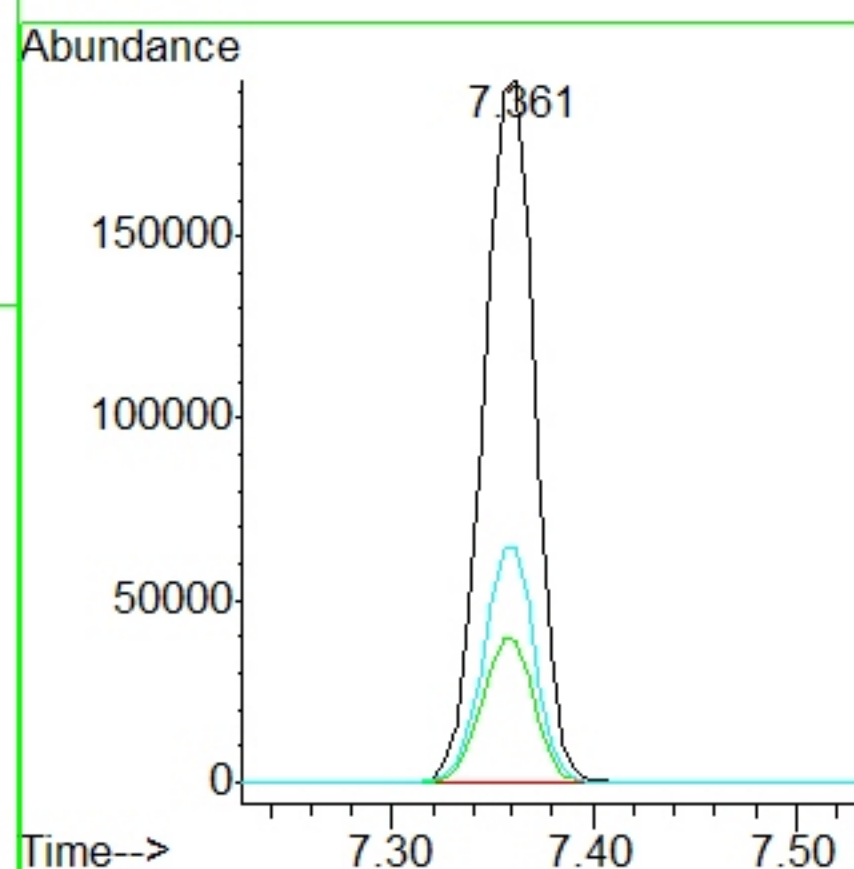
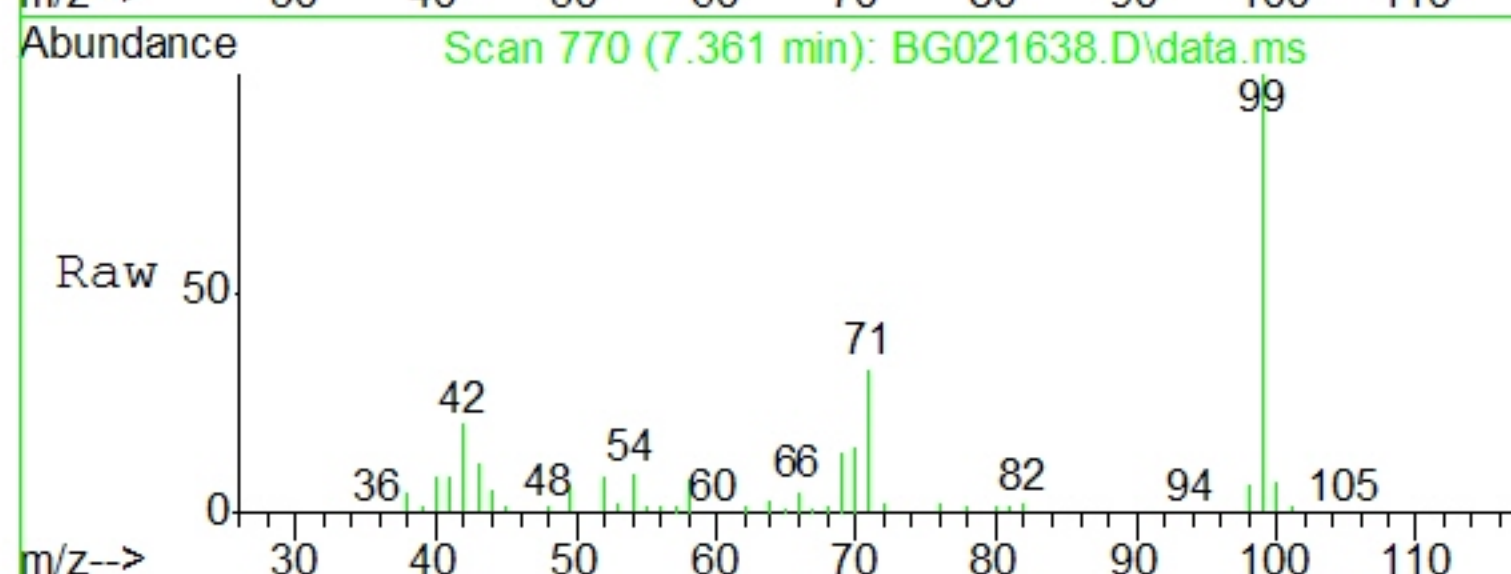
| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 112     | 100   |       |       |
| 64      | 70.2  | 51.1  | 76.7  |
| 63      | 35.2  | 24.6  | 37.0  |





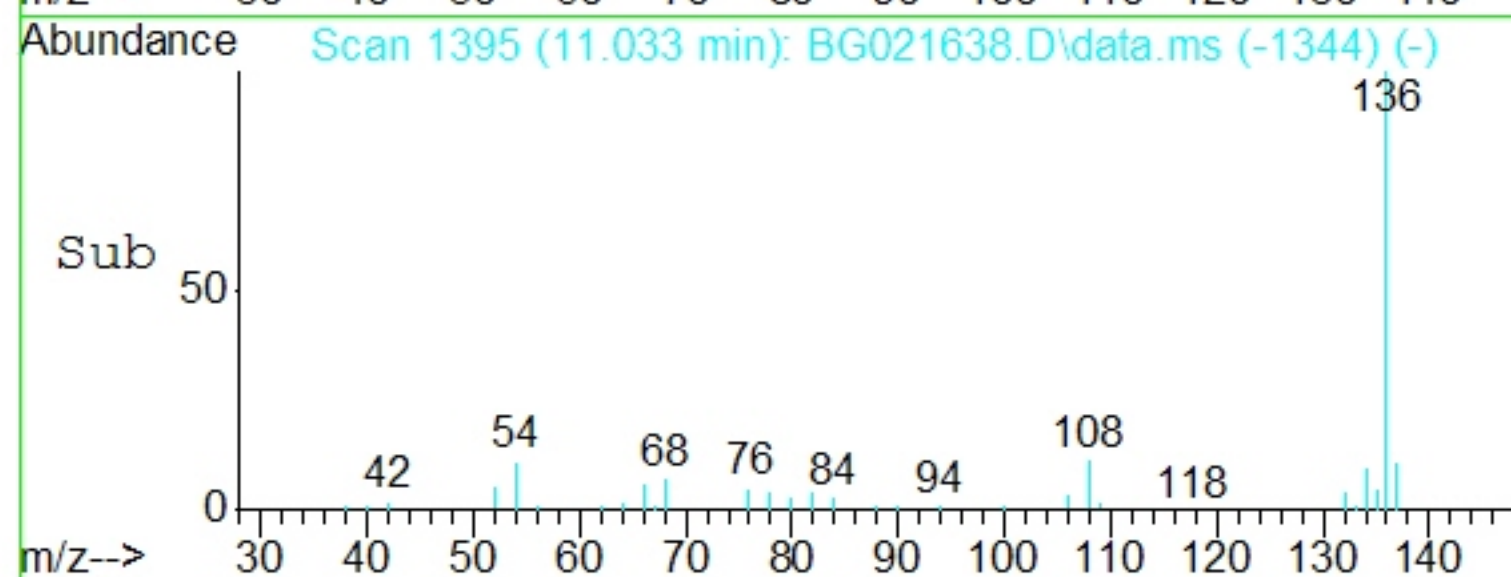
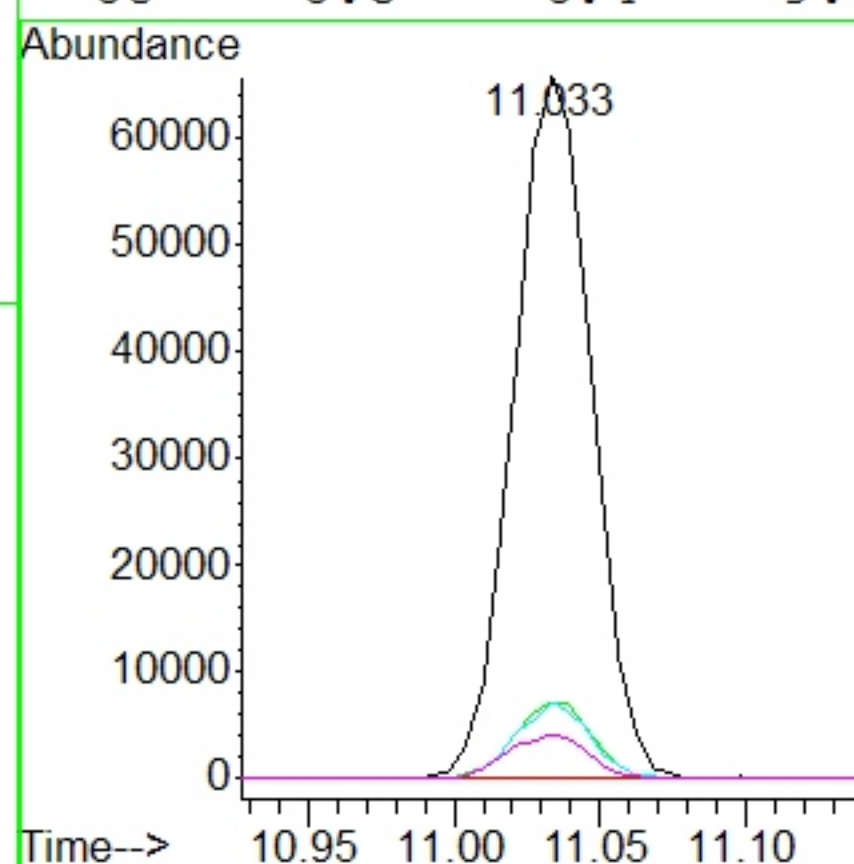
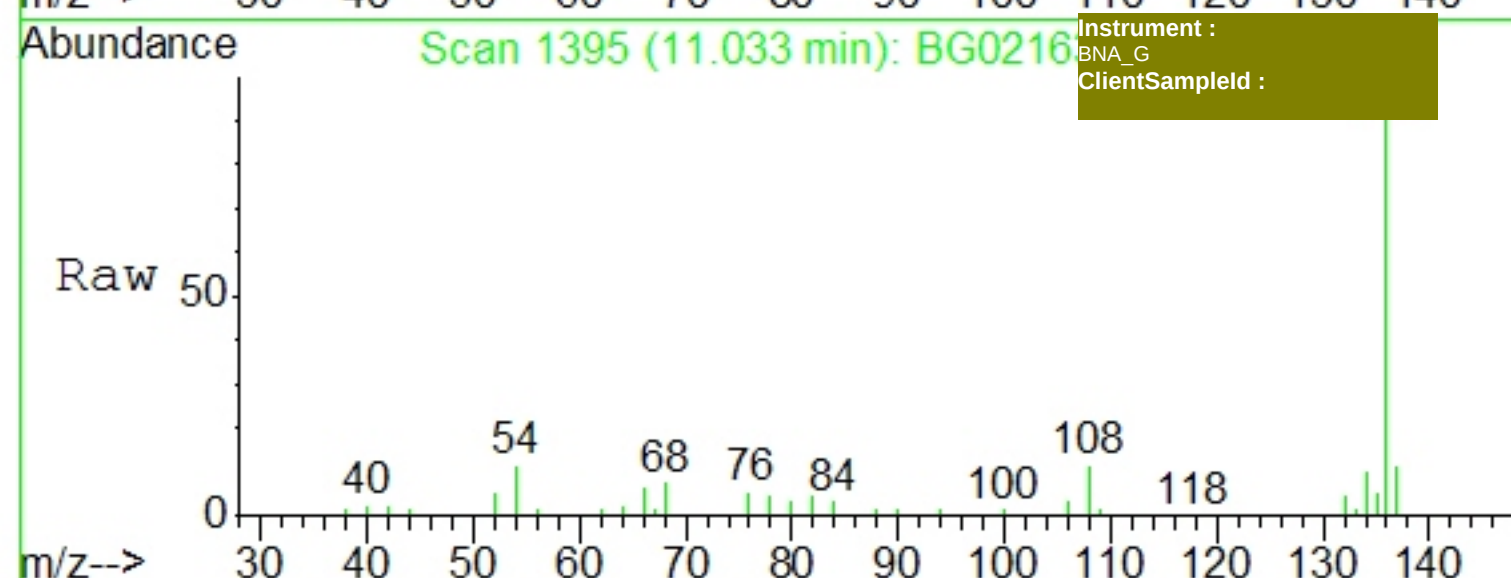
#7  
Phenol-d6  
Concen: 136.89 ng  
RT: 7.361 min Scan# 770  
Delta R.T. 0.003 min  
Lab File: BG021638.D  
Acq: 14 Apr 2016 2:08

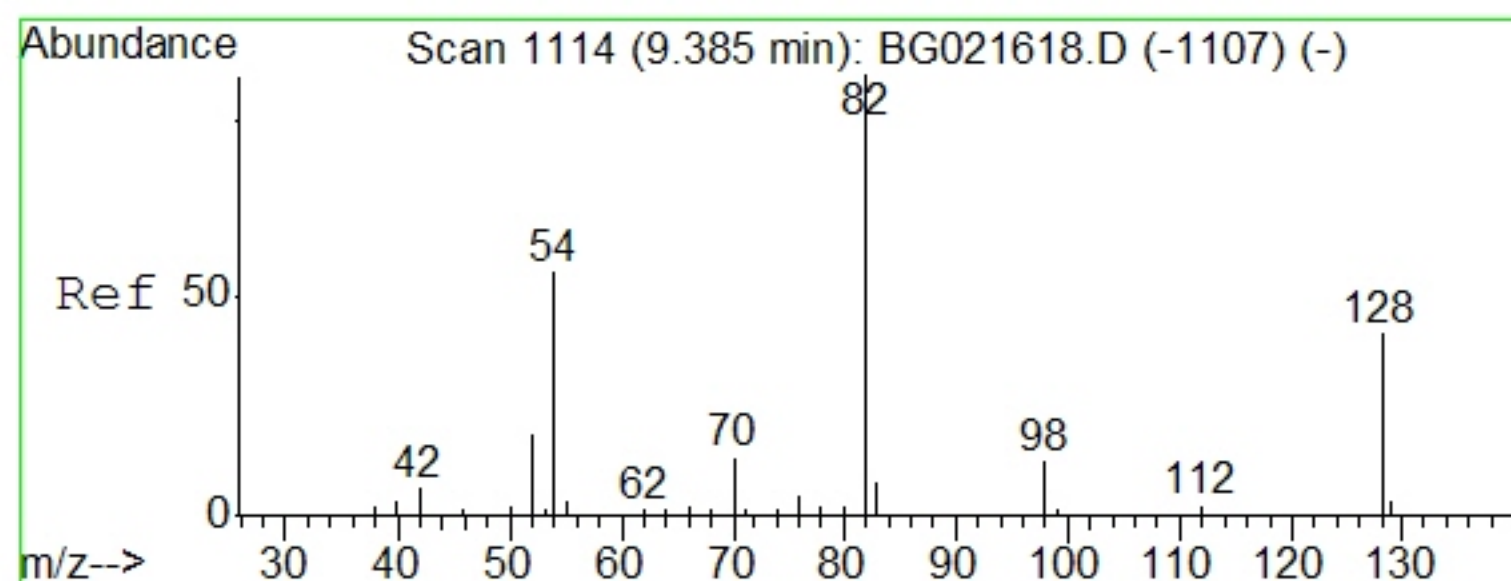
| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 99      | 100   |       |       |
| 42      | 20.1  | 16.4  | 24.6  |
| 71      | 33.5  | 25.0  | 37.4  |



#21  
Naphthalene-d8  
Concen: 20.00 ng  
RT: 11.033 min Scan# 1395  
Delta R.T. -0.002 min  
Lab File: BG021638.D  
Acq: 14 Apr 2016 2:08

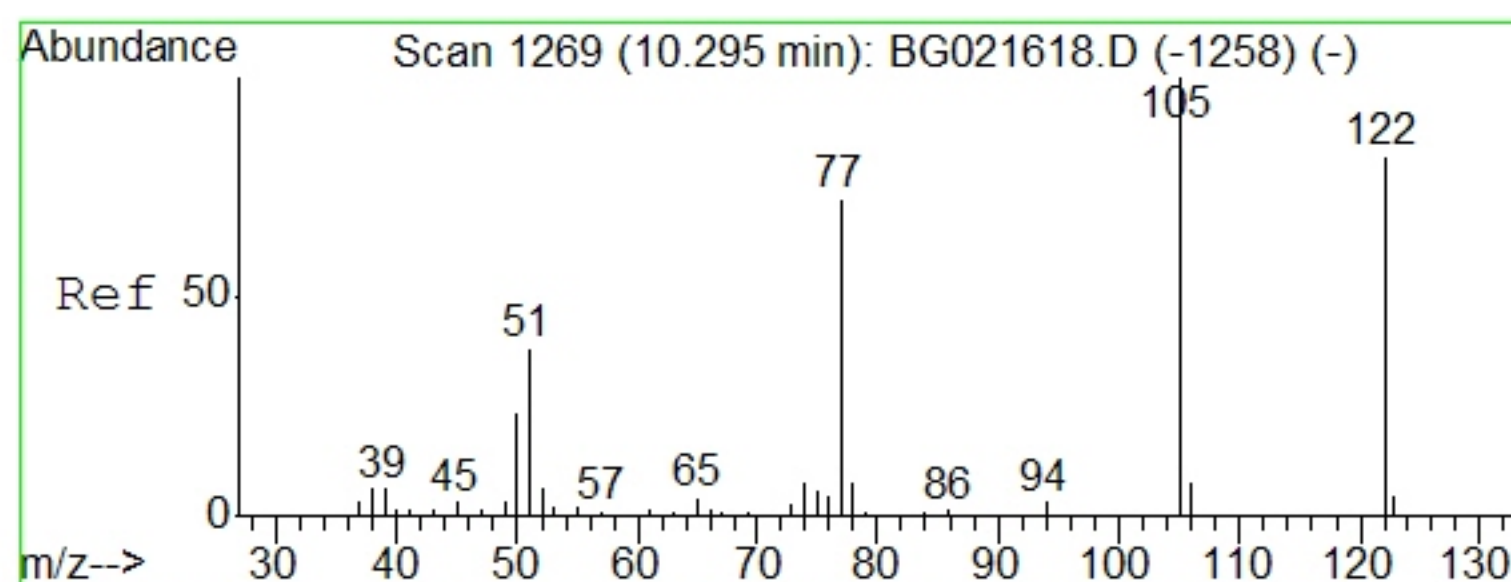
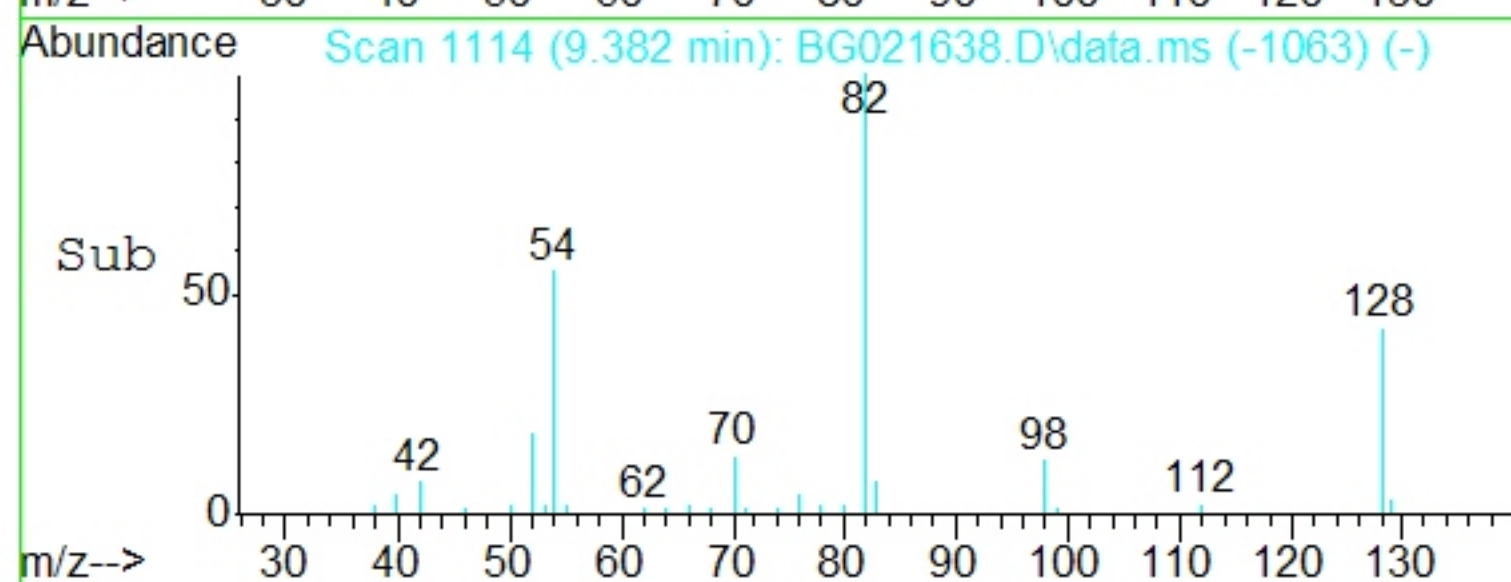
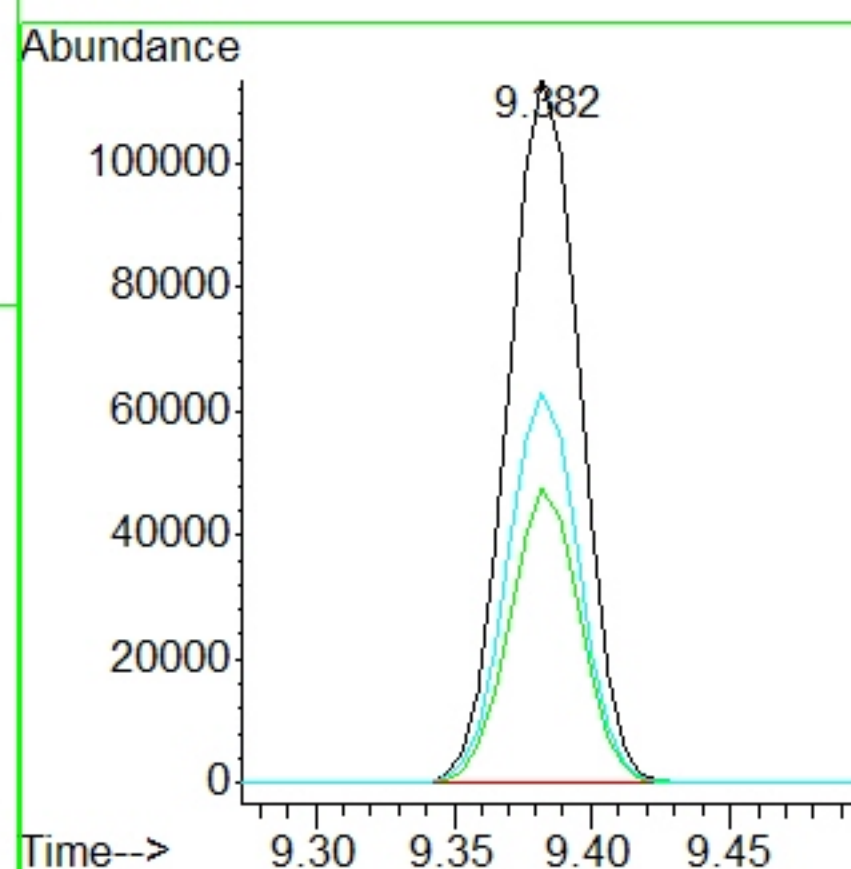
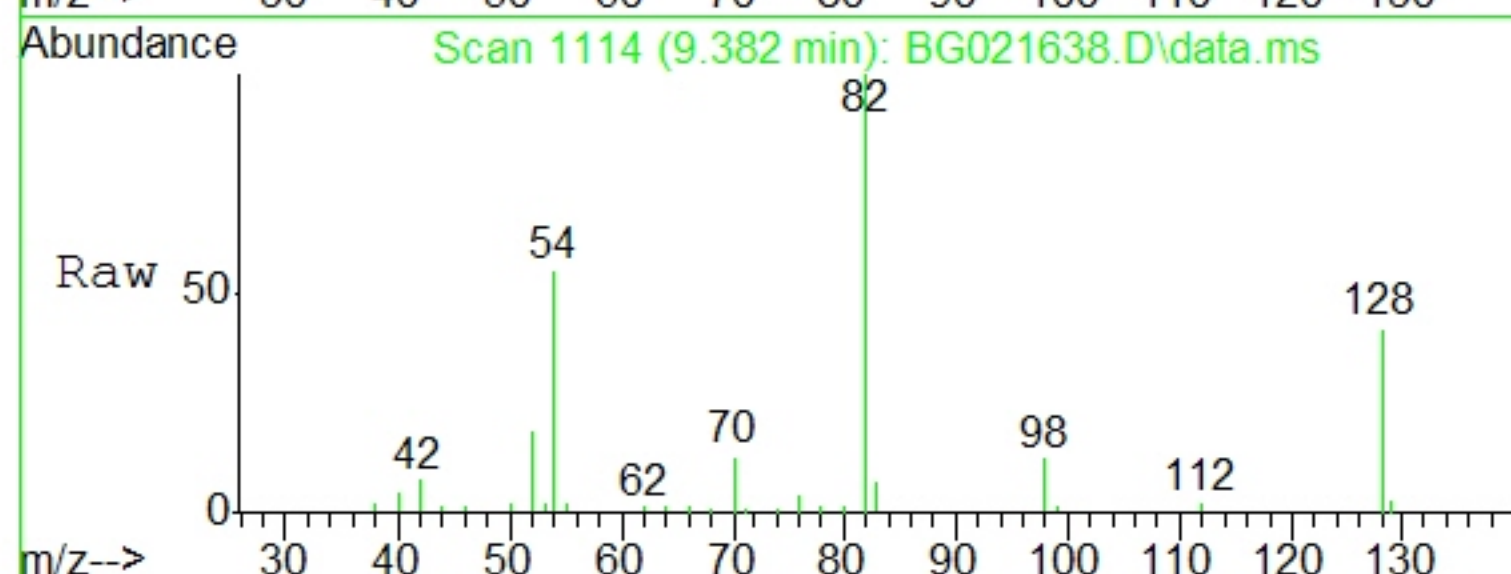
| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 136     | 100   |       |       |
| 137     | 11.2  | 9.0   | 13.4  |
| 54      | 10.9  | 9.6   | 14.4  |
| 68      | 6.5   | 6.4   | 9.6   |





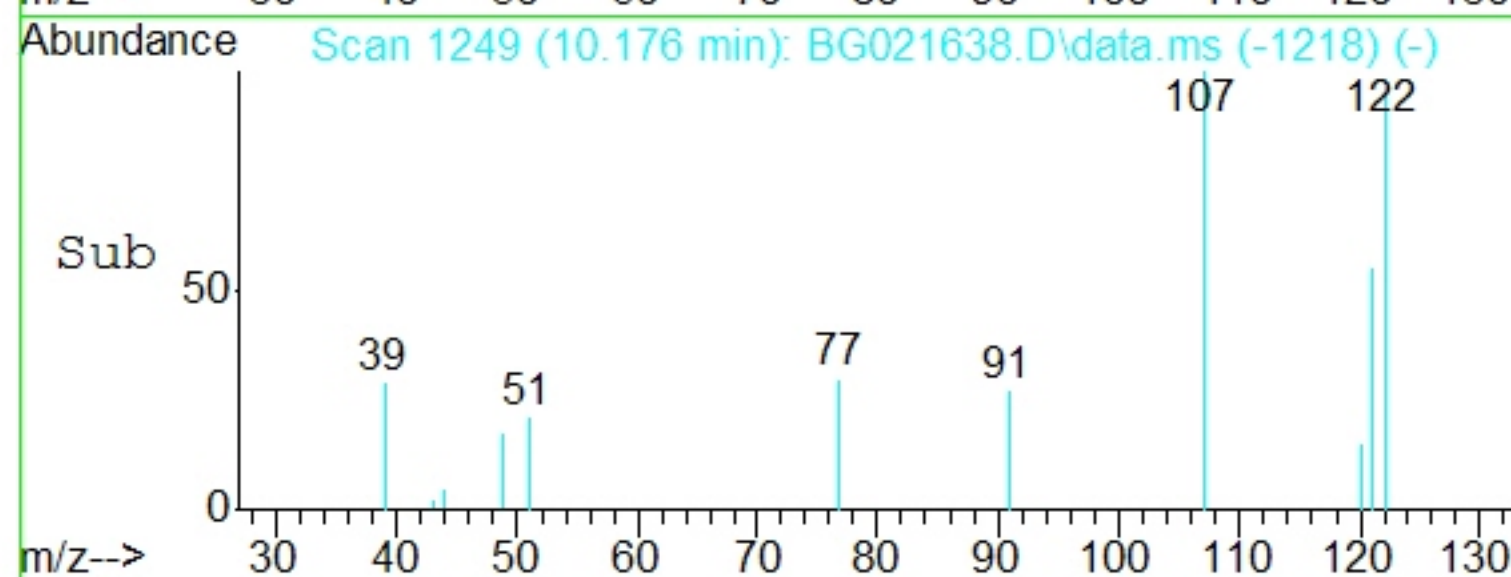
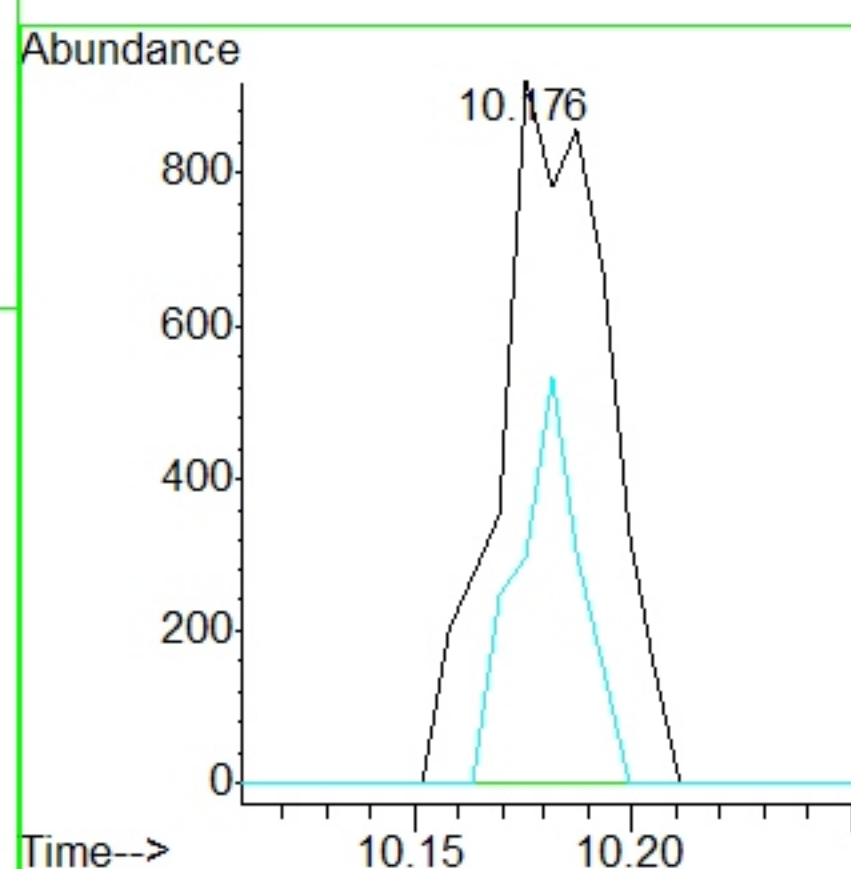
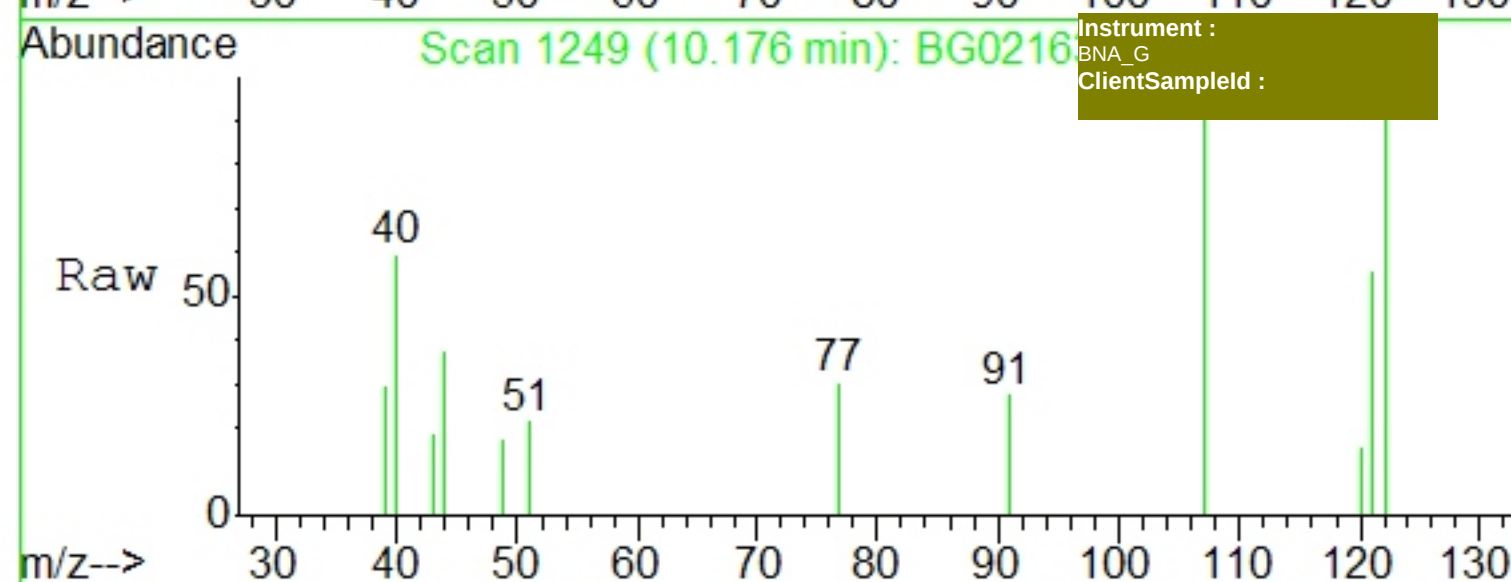
#23  
Nitrobenzene-d5  
Concen: 85.50 ng  
RT: 9.382 min Scan# 1114  
Delta R.T. -0.002 min  
Lab File: BG021638.D  
Acq: 14 Apr 2016 2:08

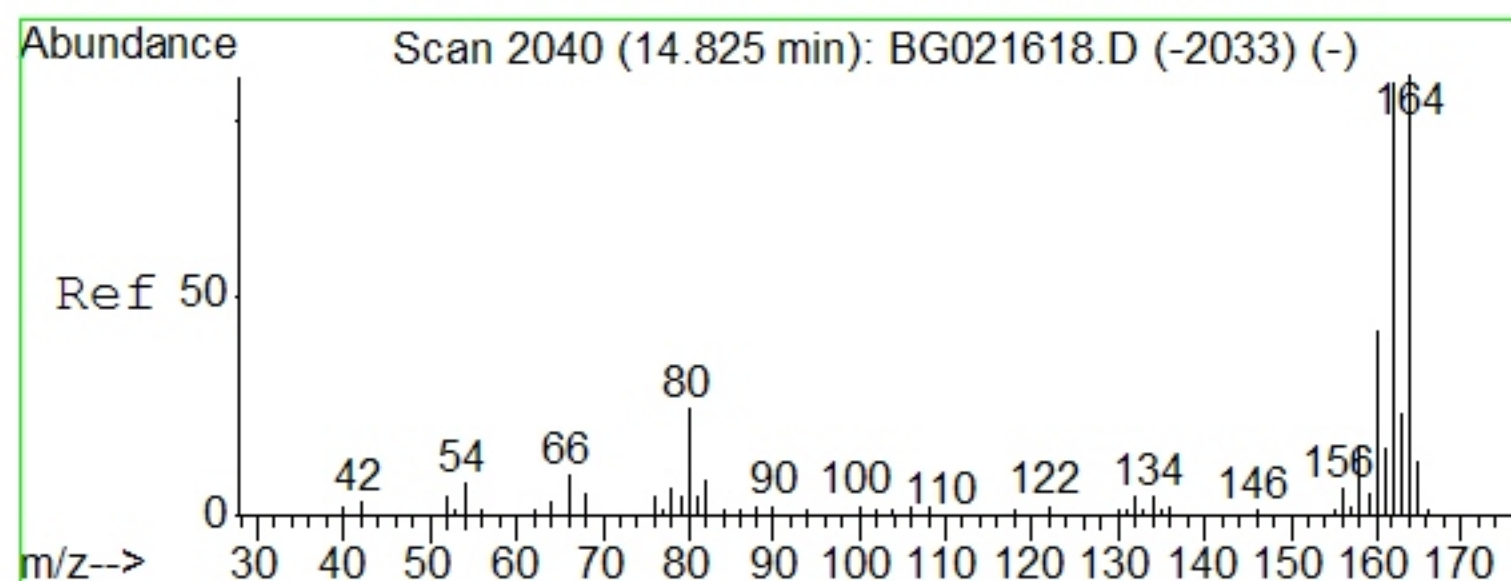
| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 82      | 100   |       |       |
| 128     | 41.7  | 33.4  | 50.0  |
| 54      | 55.4  | 46.1  | 69.1  |



#32  
Benzoic acid  
Concen: 5.72 ng  
RT: 10.176 min Scan# 1249  
Delta R.T. -0.119 min  
Lab File: BG021638.D  
Acq: 14 Apr 2016 2:08

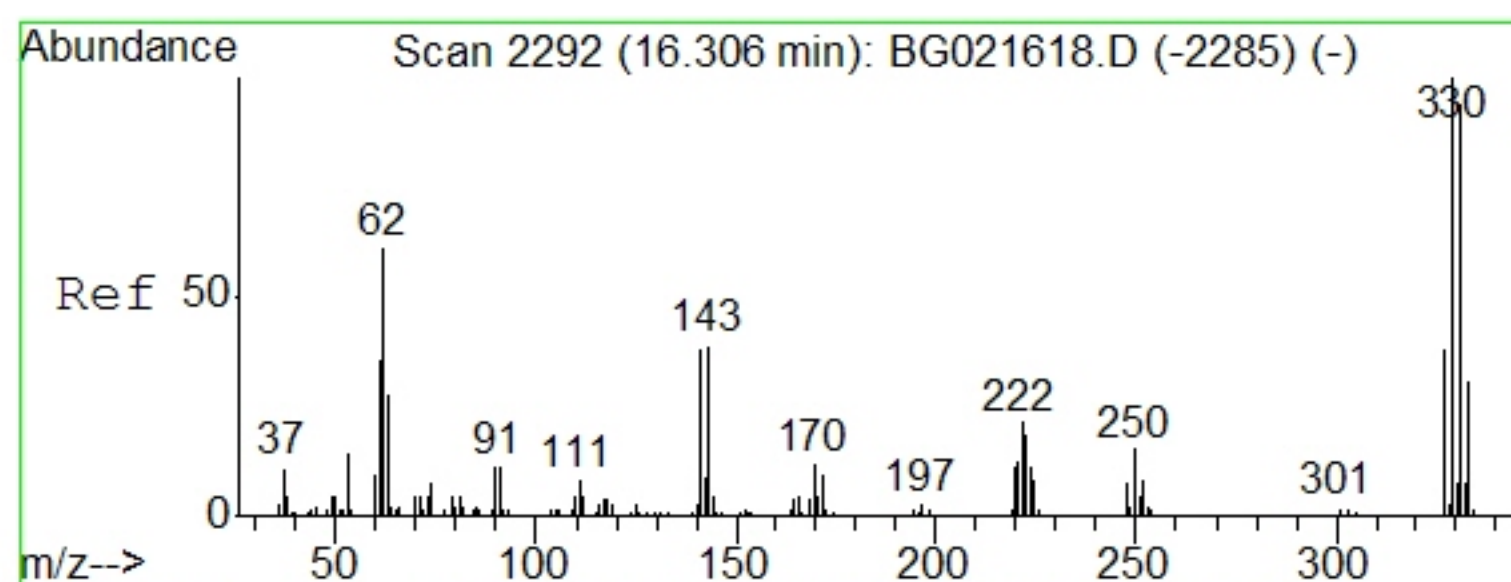
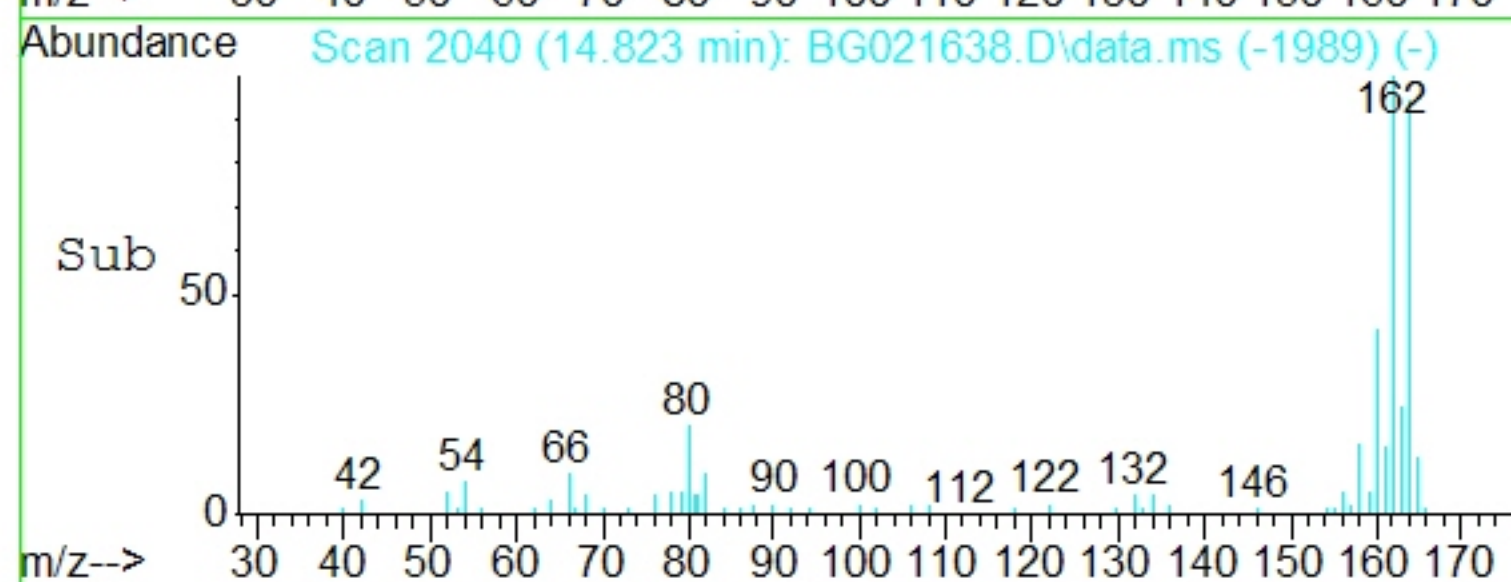
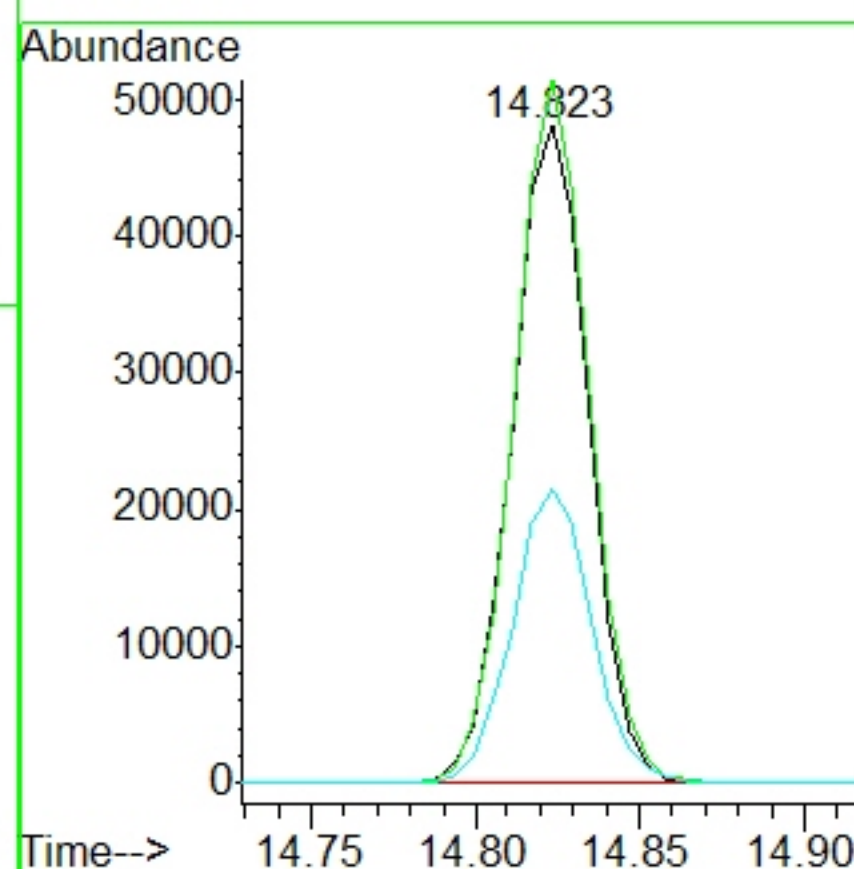
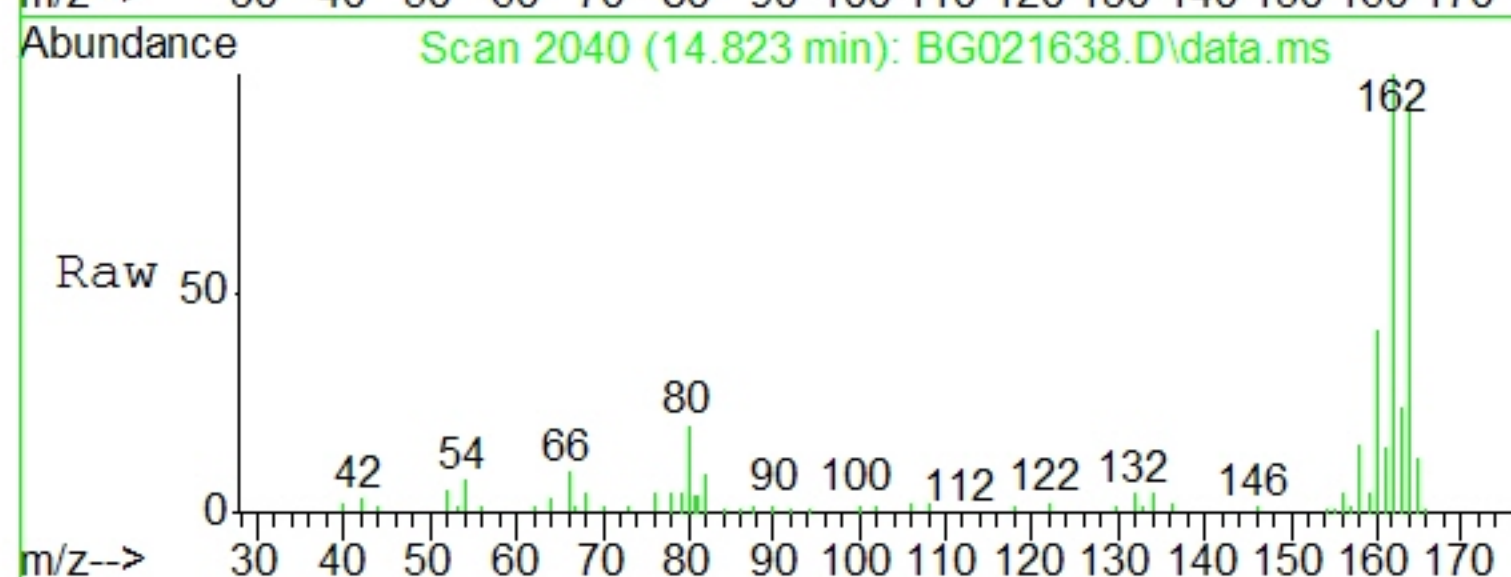
| Tgt Ion | Ratio | Lower | Upper  |
|---------|-------|-------|--------|
| 122     | 100   |       |        |
| 105     | 0.0   | 104.5 | 144.5# |
| 77      | 32.3  | 79.9  | 119.9# |





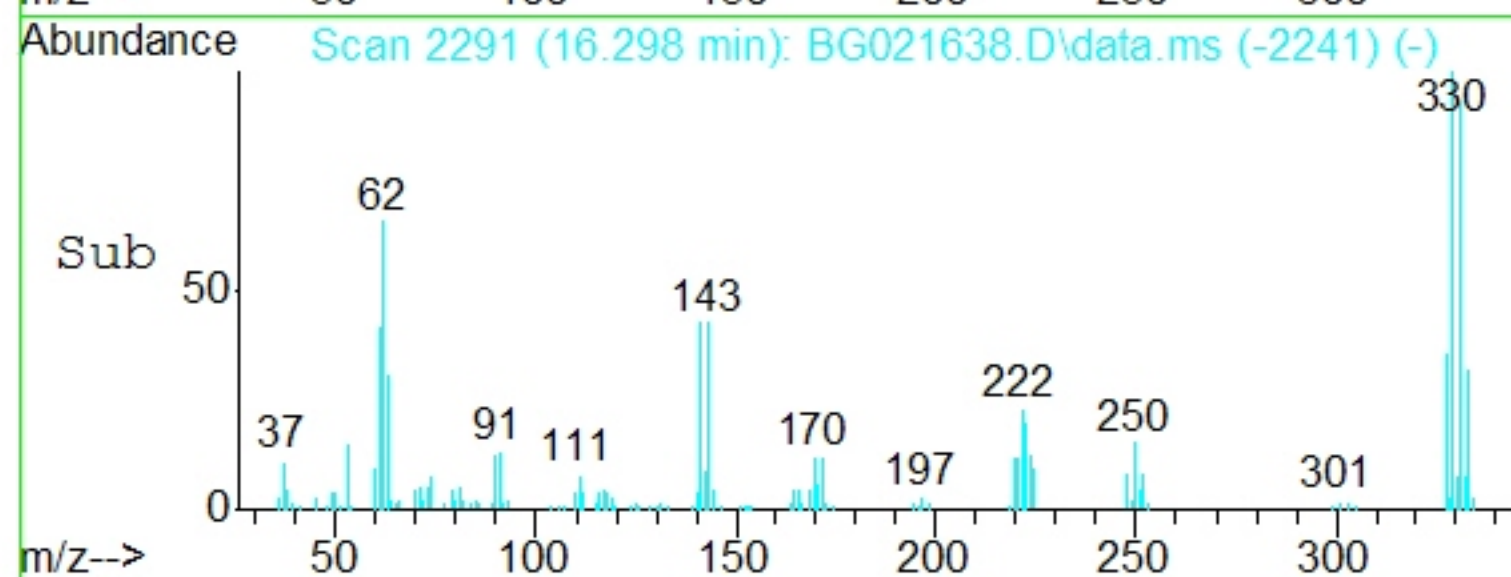
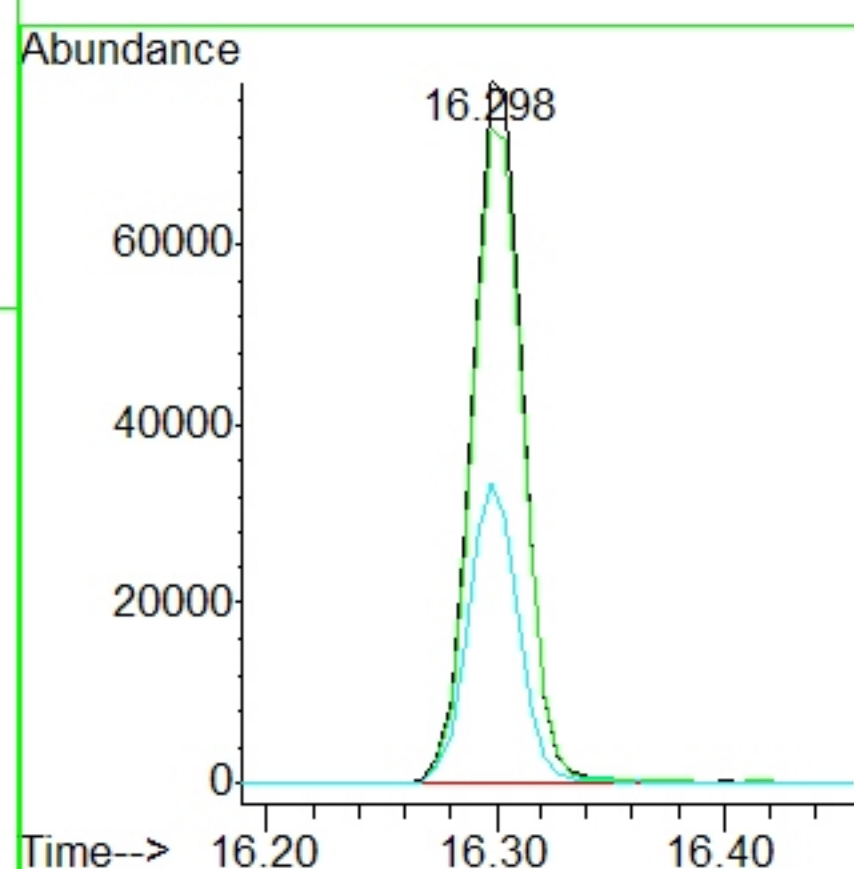
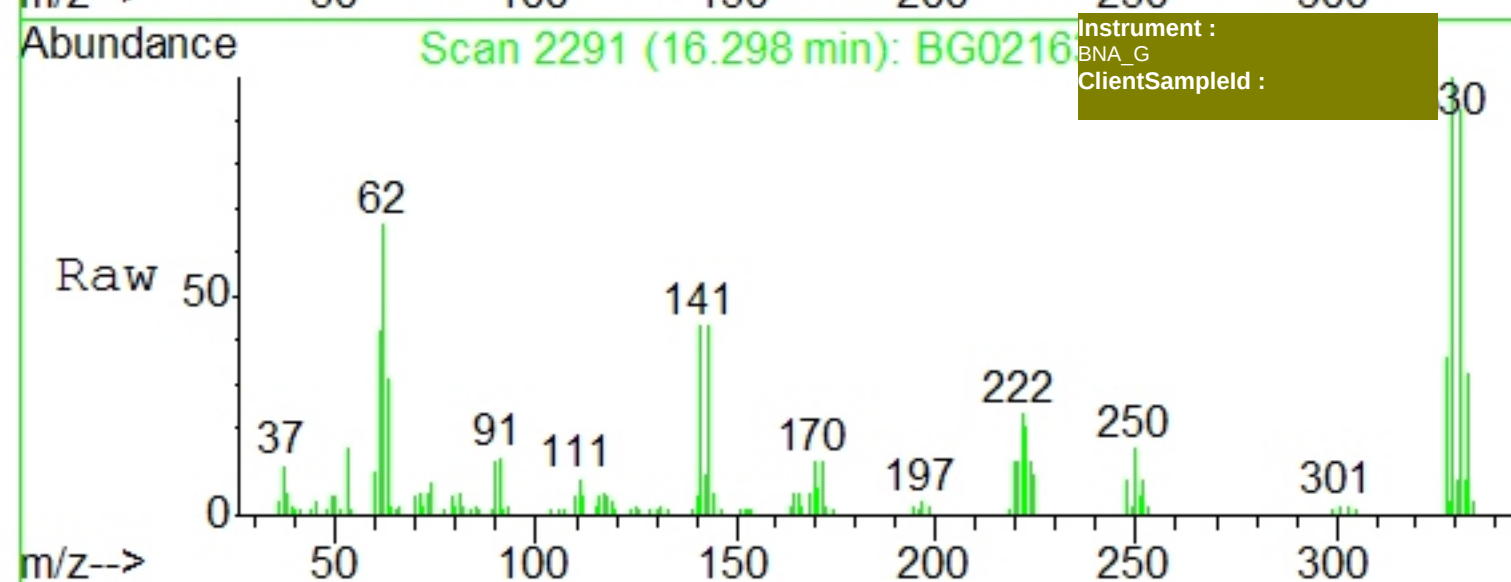
#38  
Acenaphthene-d10  
Concen: 20.00 ng  
RT: 14.823 min Scan# 2040  
Delta R.T. -0.002 min  
Lab File: BG021638.D  
Acq: 14 Apr 2016 2:08

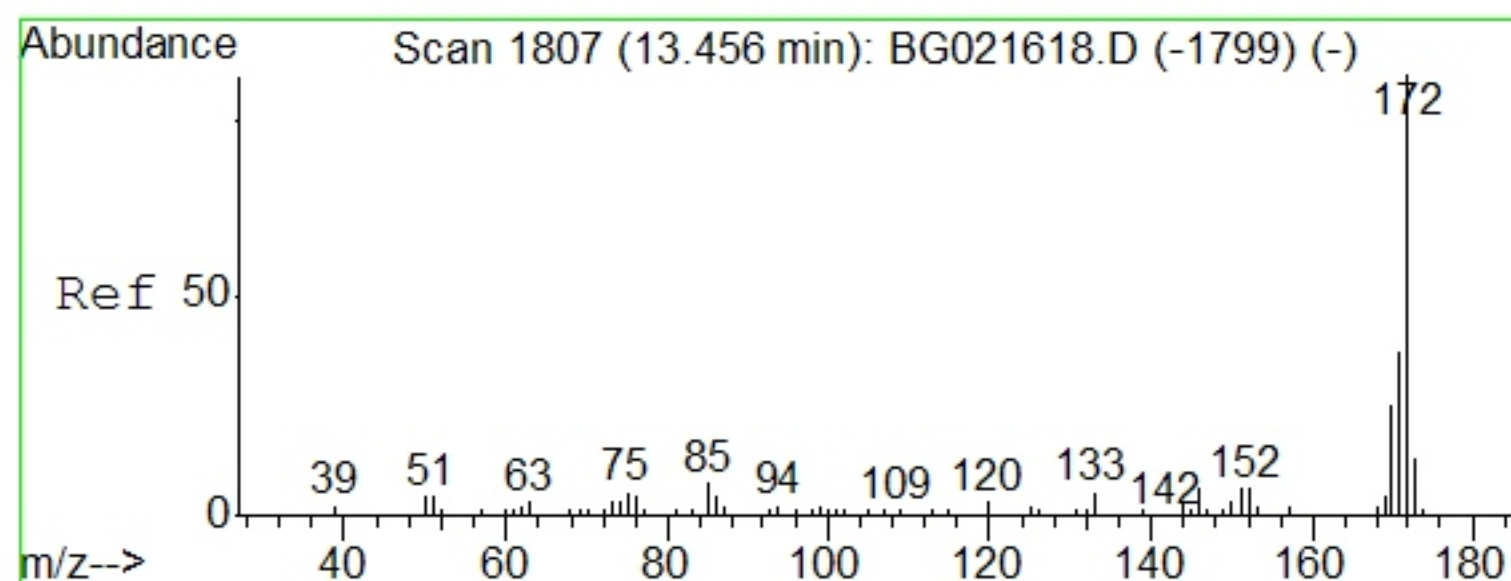
| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 164     | 100   |       |       |
| 162     | 106.7 | 78.0  | 117.0 |
| 160     | 44.6  | 32.9  | 49.3  |



#41  
2,4,6-Tribromophenol  
Concen: 146.22 ng  
RT: 16.298 min Scan# 2291  
Delta R.T. -0.008 min  
Lab File: BG021638.D  
Acq: 14 Apr 2016 2:08

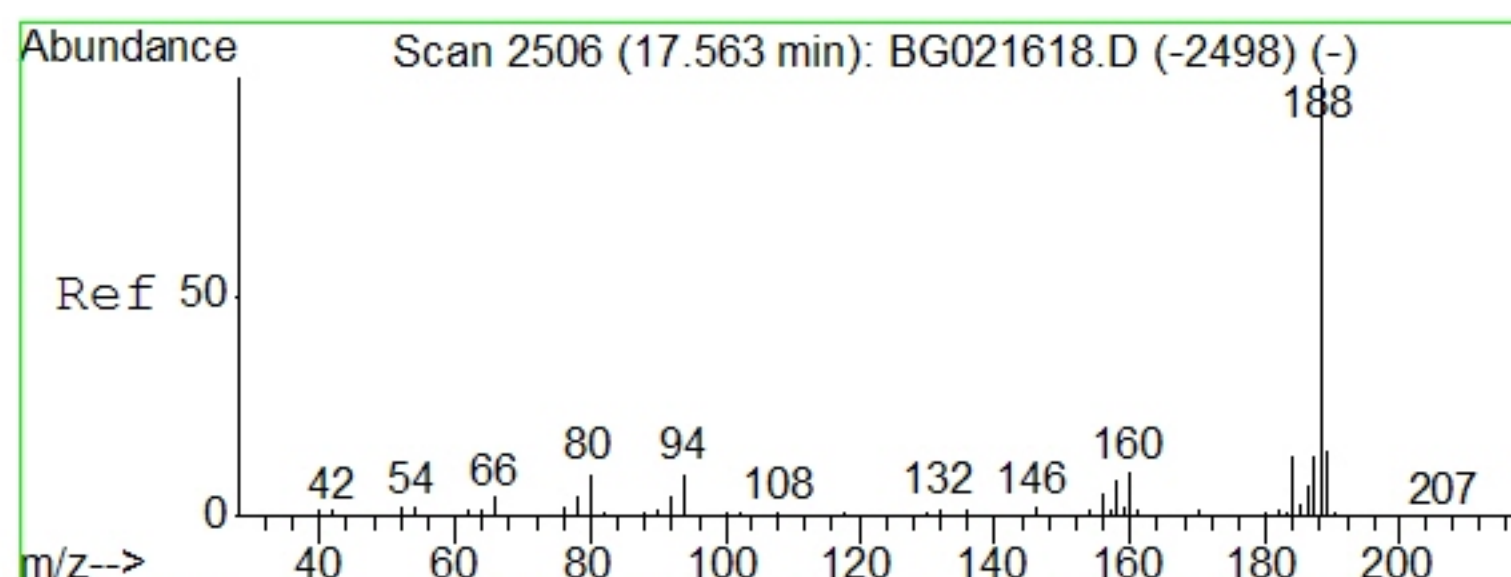
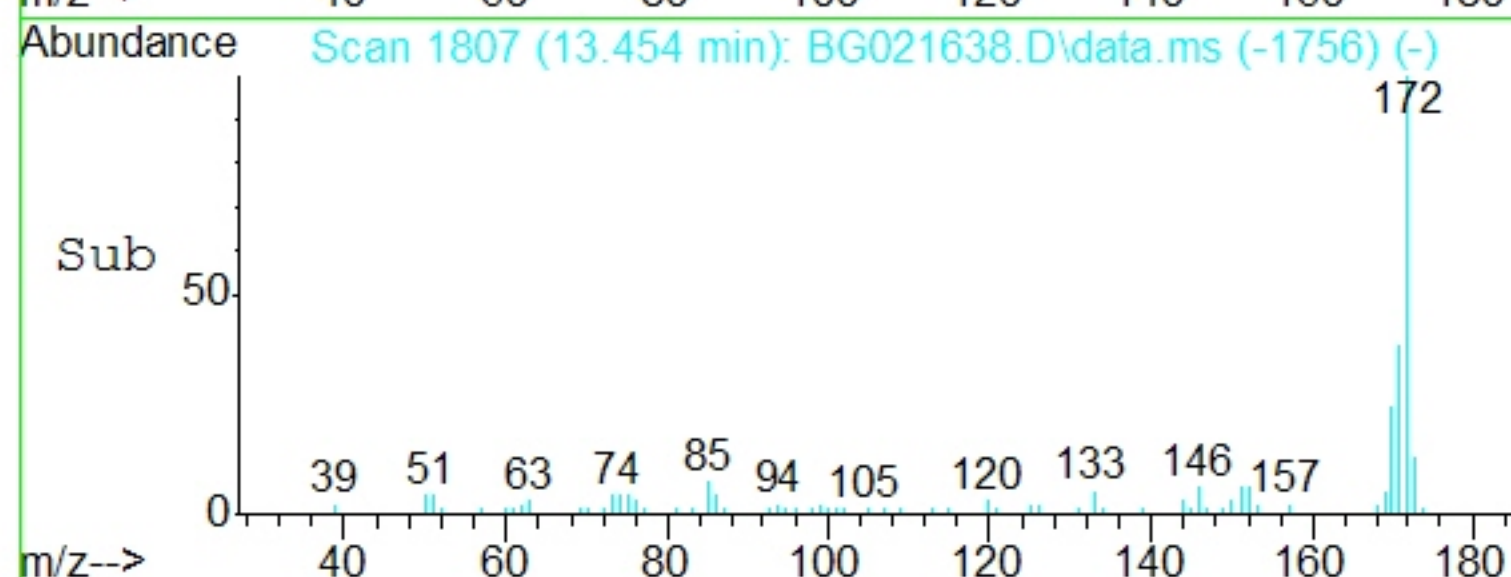
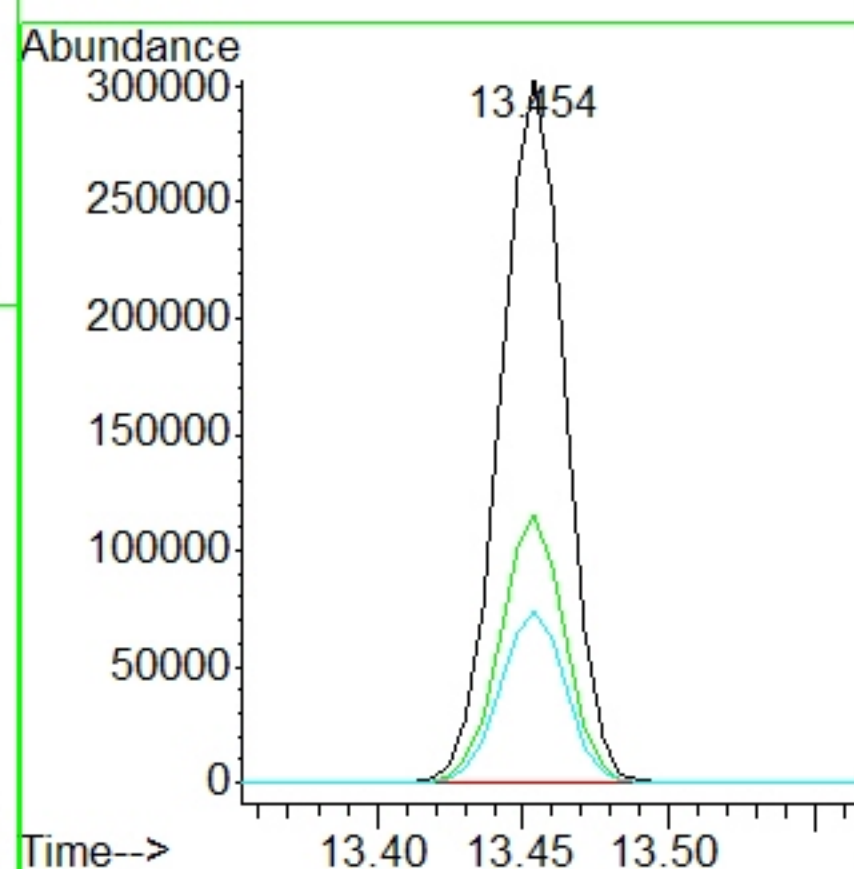
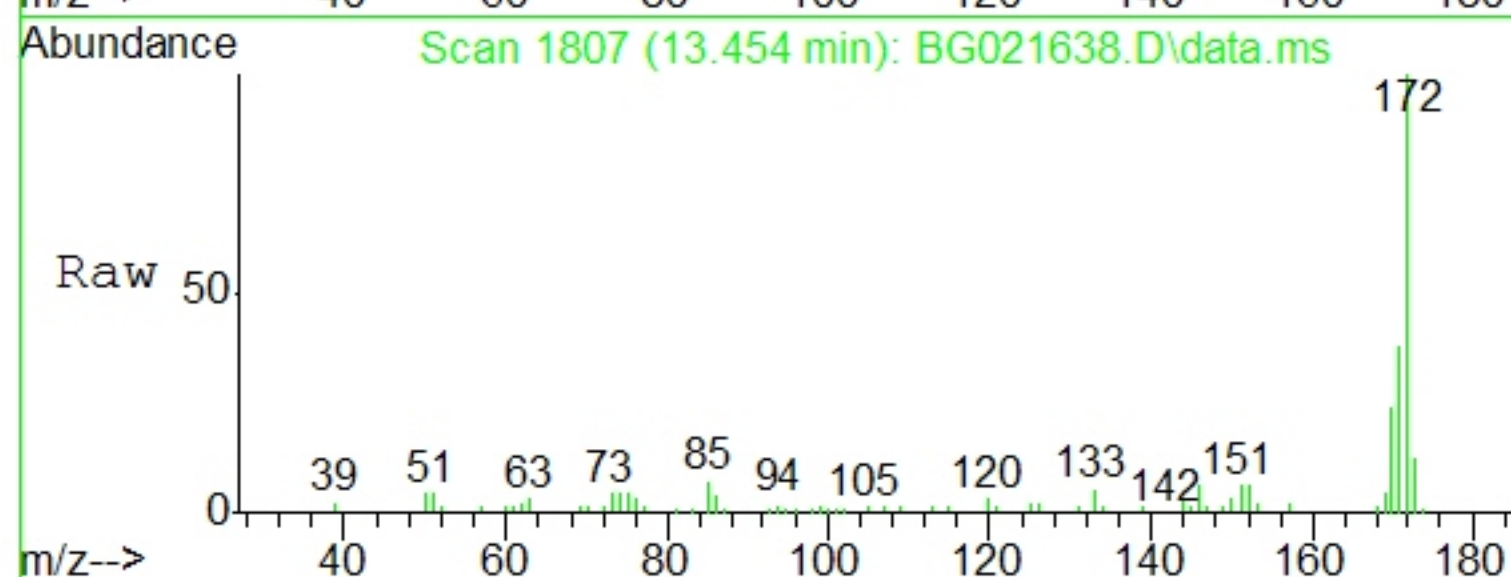
| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 330     | 100   |       |       |
| 332     | 94.2  | 78.0  | 117.0 |
| 141     | 42.2  | 33.8  | 50.8  |





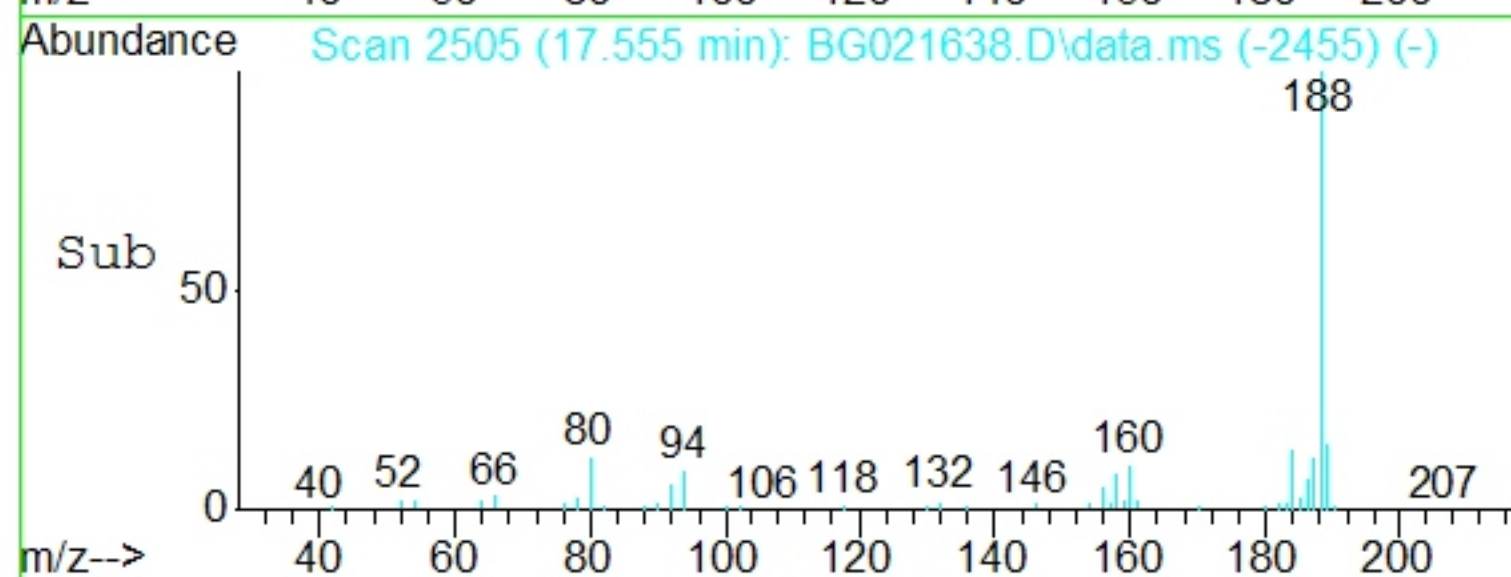
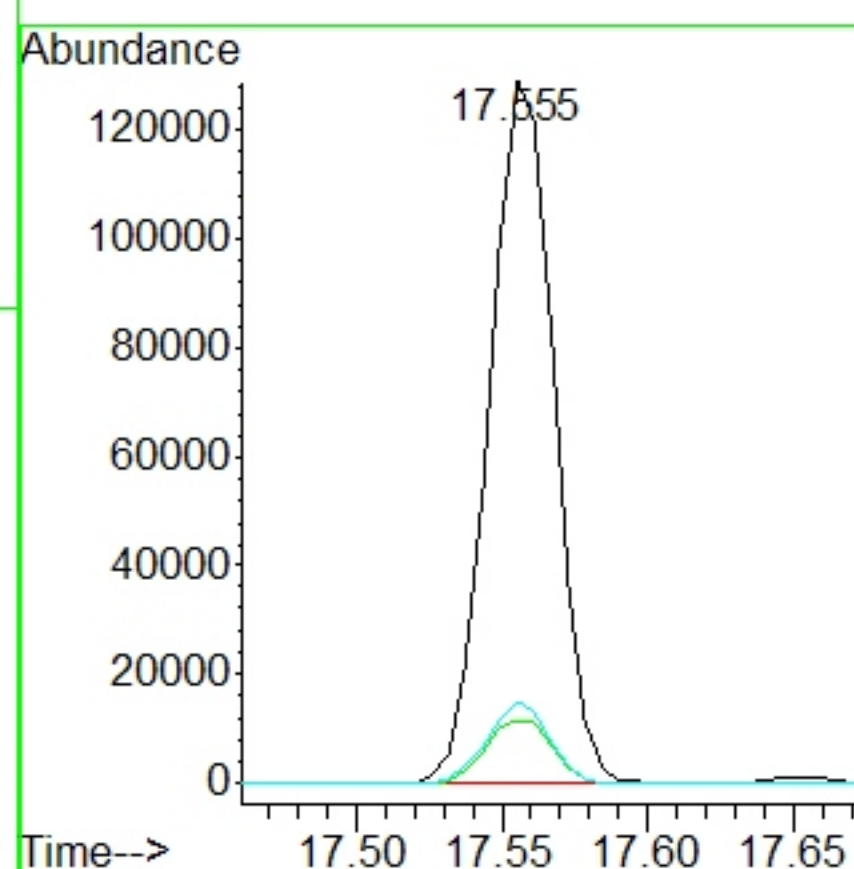
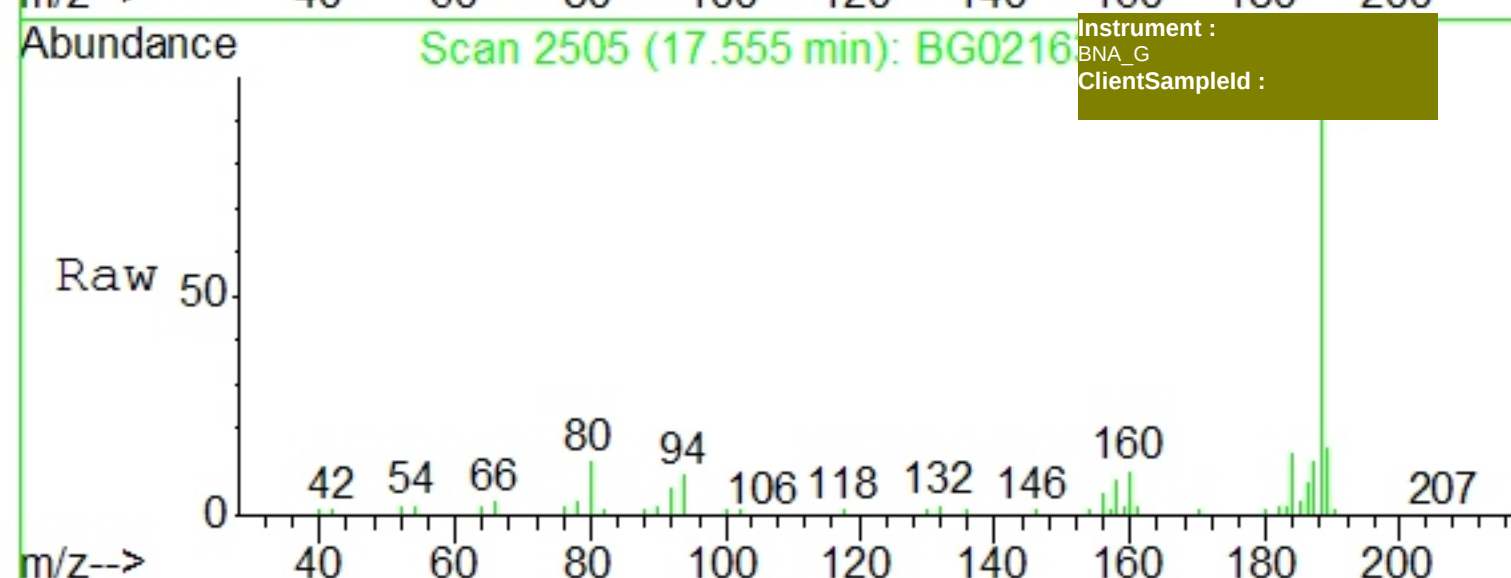
#44  
2-Fluorobiphenyl  
Concen: 88.02 ng  
RT: 13.454 min Scan# 1807  
Delta R.T. -0.002 min  
Lab File: BG021638.D  
Acq: 14 Apr 2016 2:08

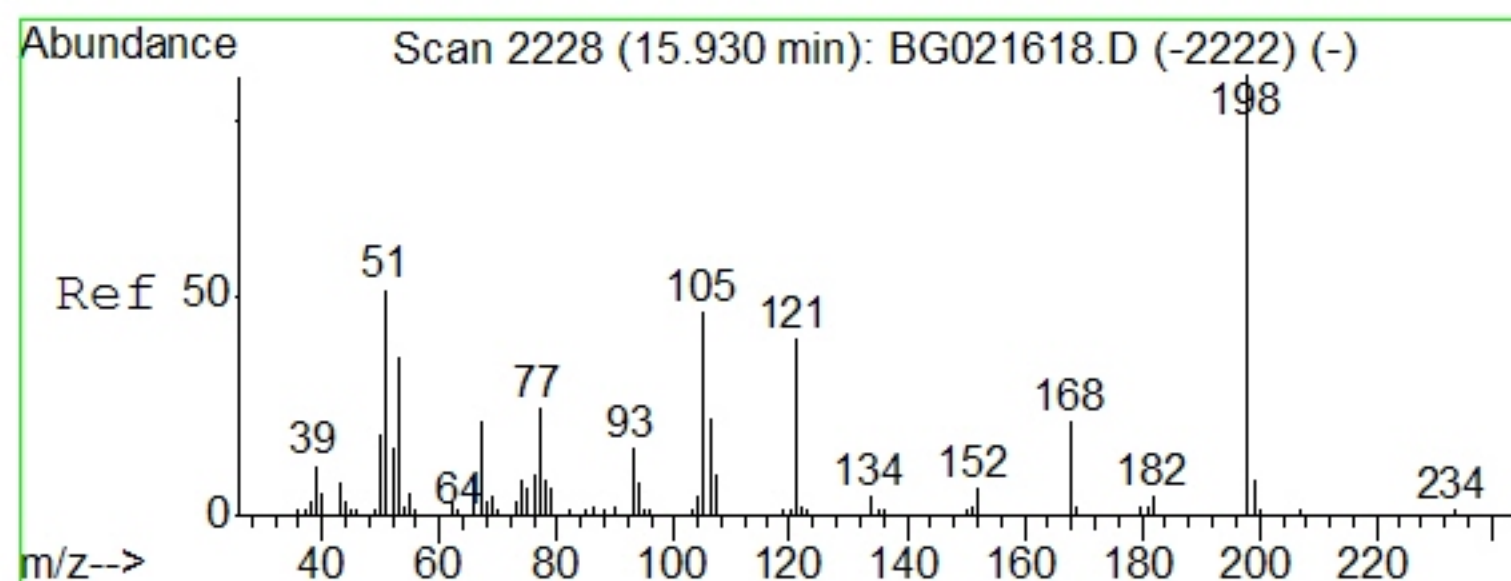
| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 172     | 100   |       |       |
| 171     | 37.8  | 27.8  | 41.6  |
| 170     | 24.4  | 19.6  | 29.4  |



#63  
Phenanthrene-d10  
Concen: 20.00 ng  
RT: 17.555 min Scan# 2505  
Delta R.T. -0.008 min  
Lab File: BG021638.D  
Acq: 14 Apr 2016 2:08

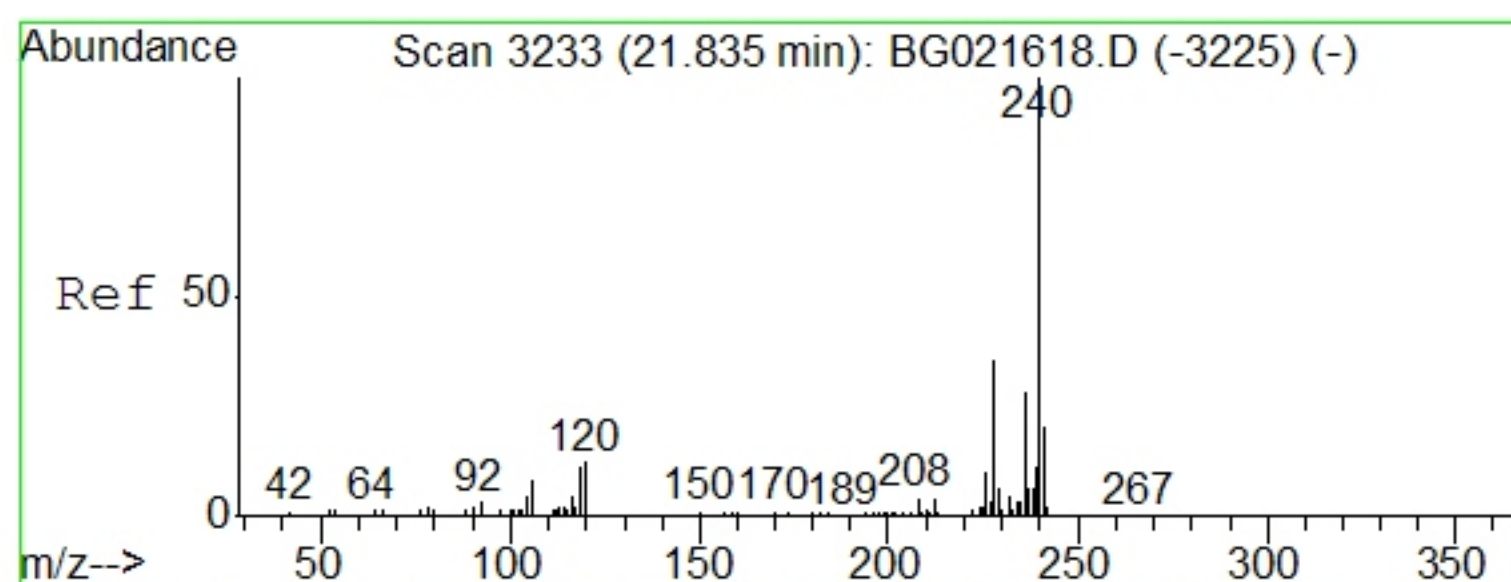
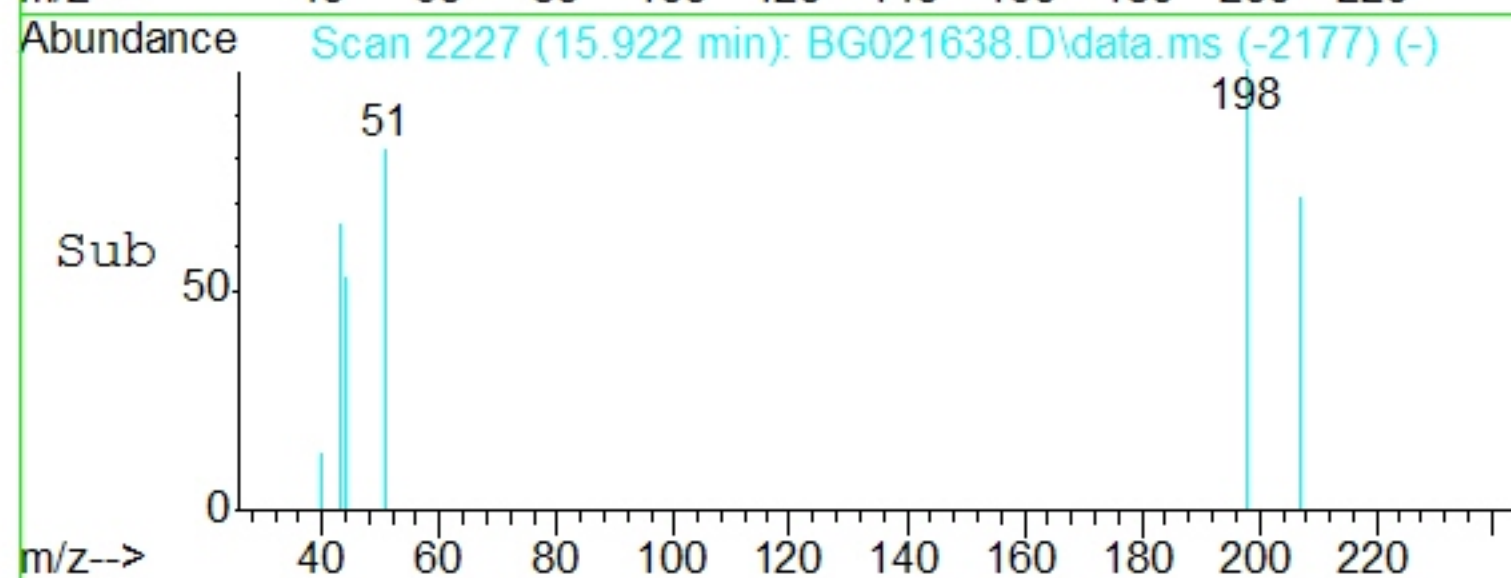
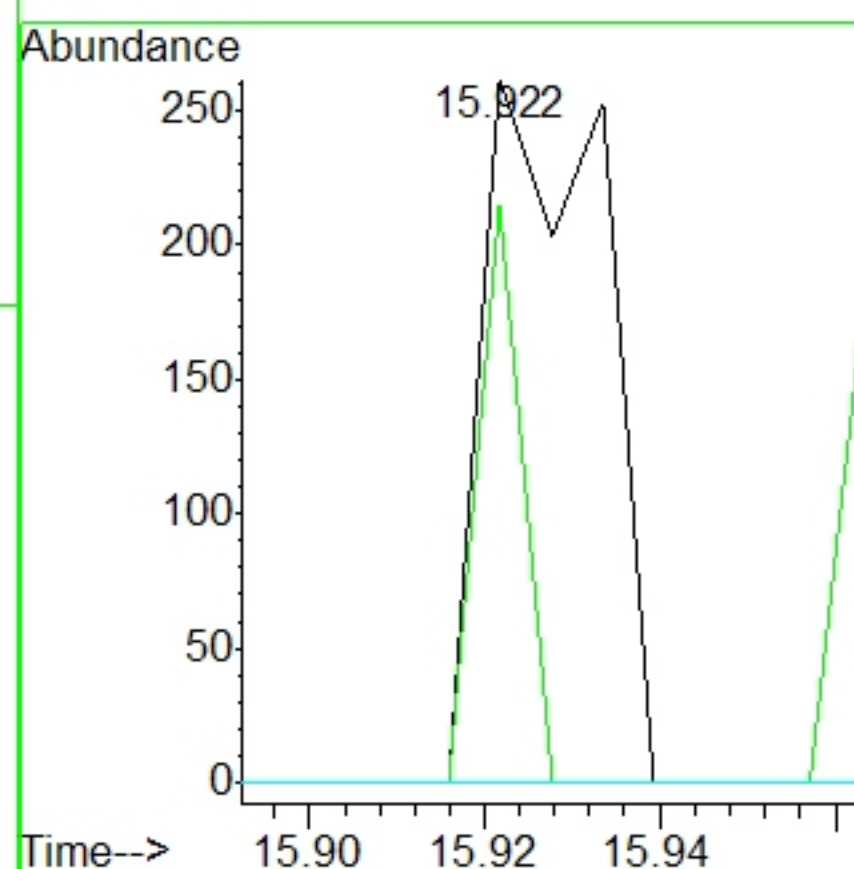
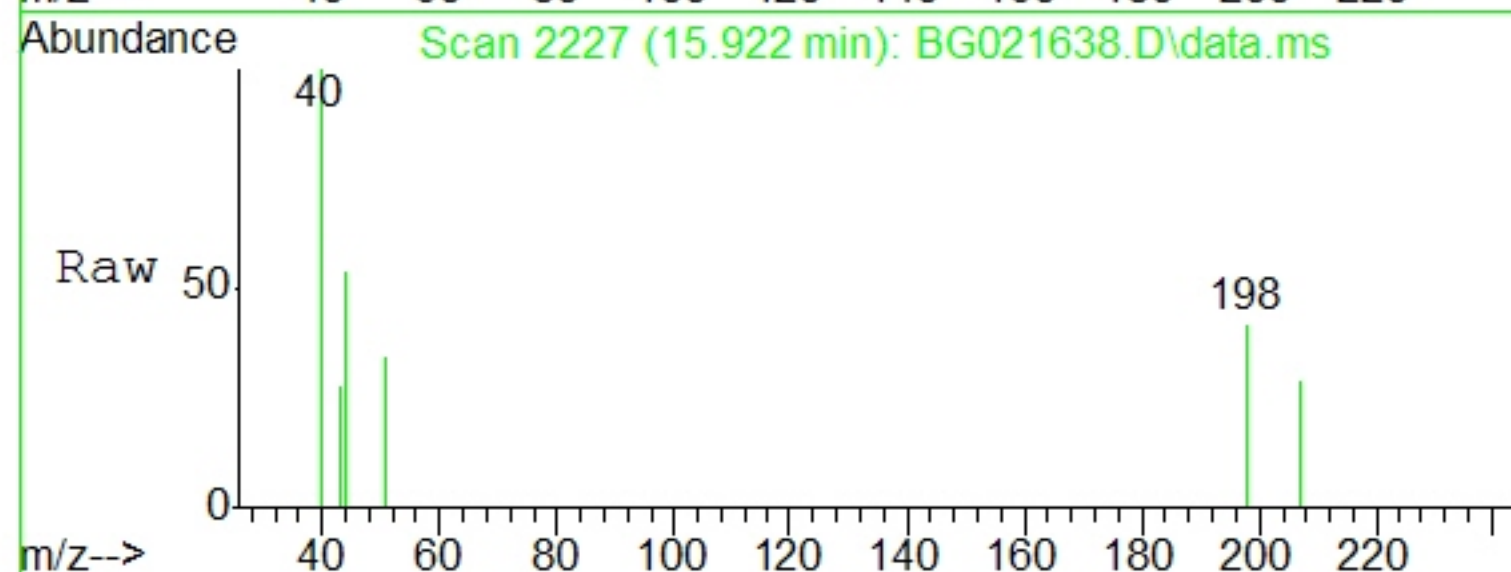
| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 188     | 100   |       |       |
| 94      | 9.3   | 7.5   | 11.3  |
| 80      | 11.8  | 8.6   | 13.0  |





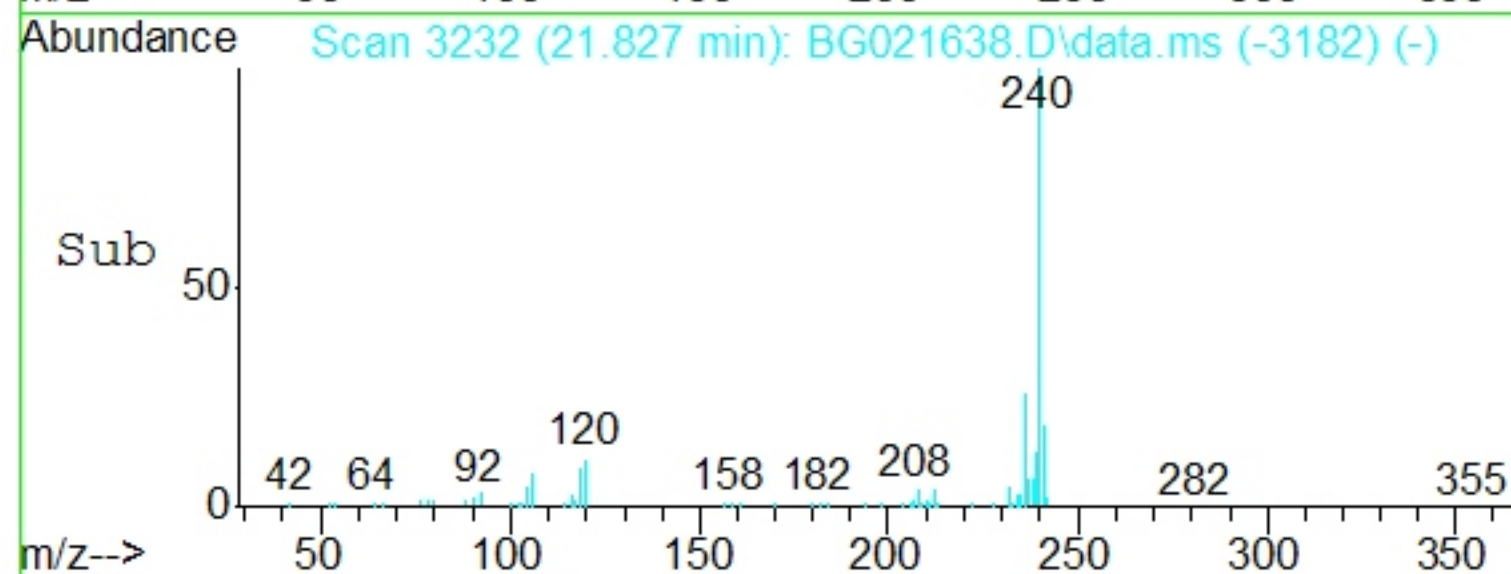
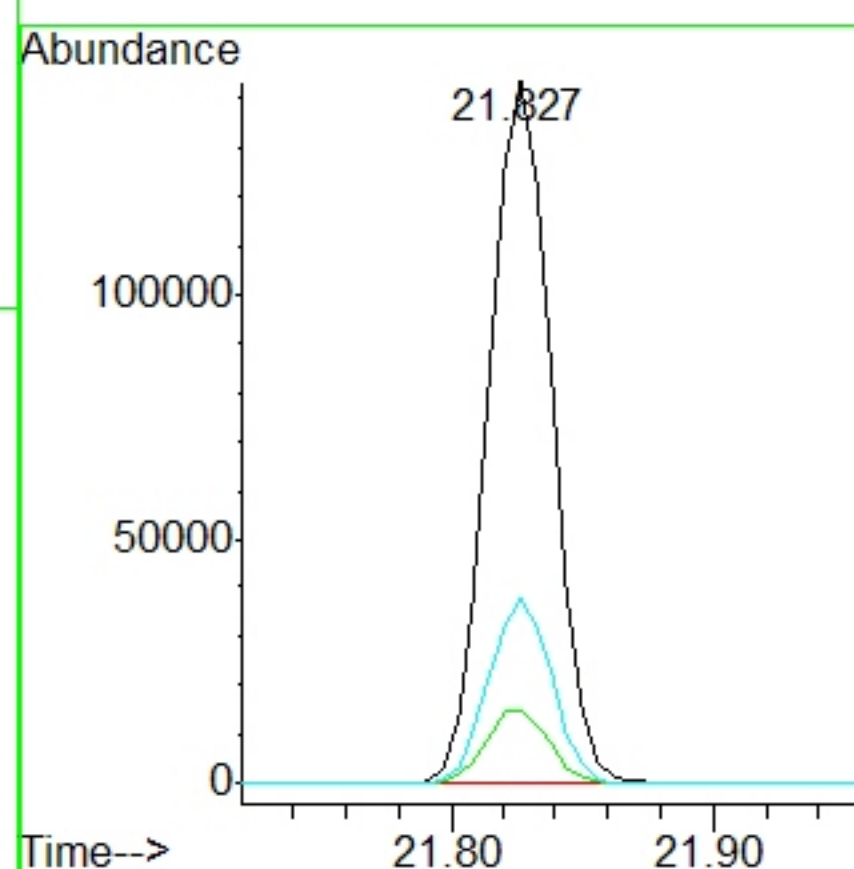
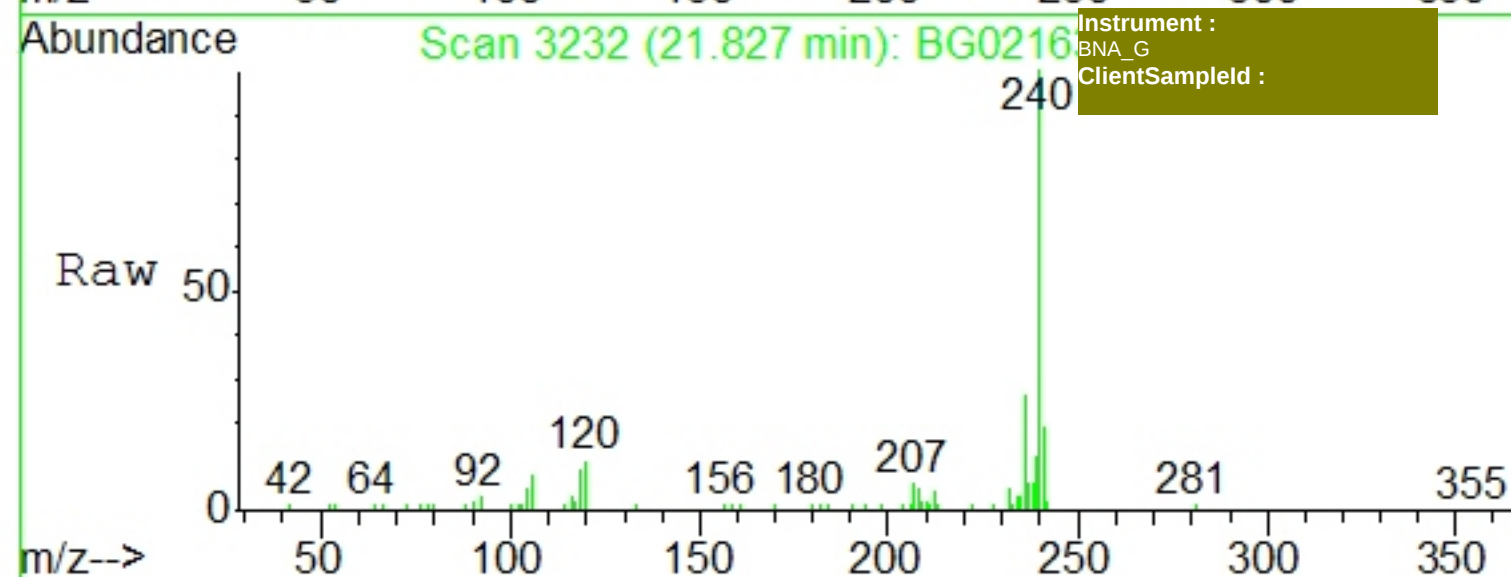
#64  
 4,6-Dinitro-2-methylphenol  
 Concen: 5.67 ng  
 RT: 15.922 min Scan# 2227  
 Delta R.T. -0.008 min  
 Lab File: BG021638.D  
 Acq: 14 Apr 2016 2:08

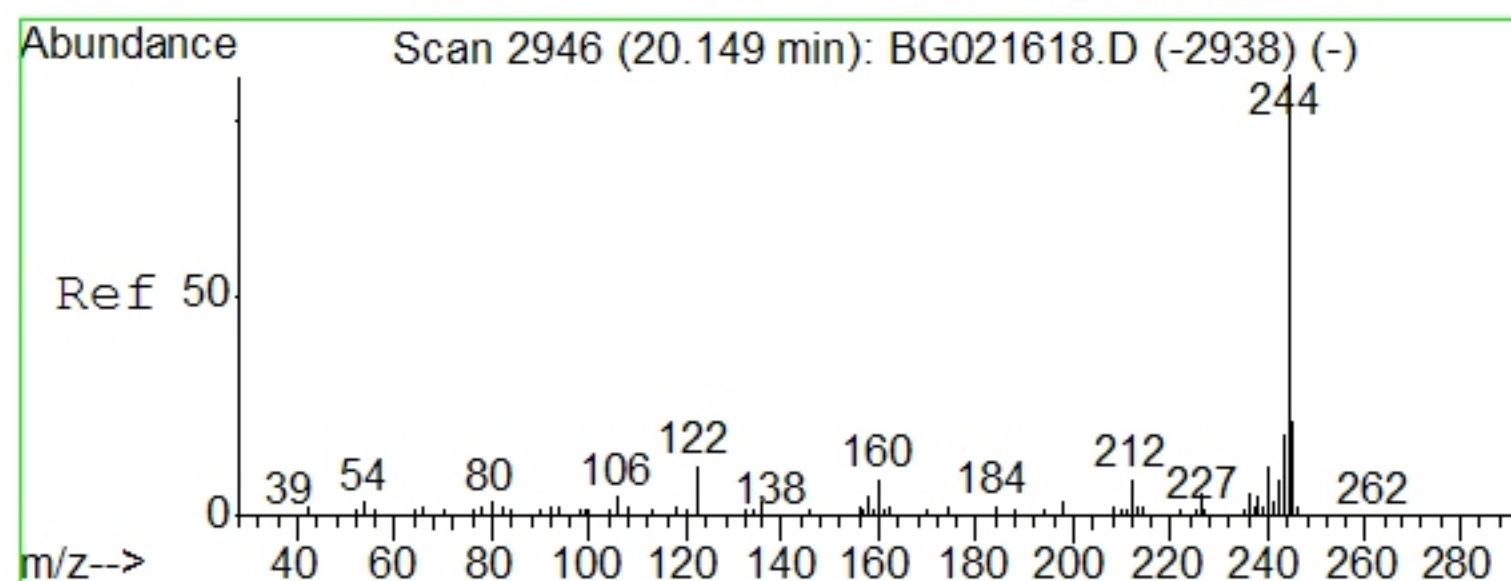
| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 198     | 100   |       |       |
| 51      | 82.1  | 29.2  | 69.2# |
| 105     | 0.0   | 24.0  | 64.0# |



#75  
 Chrysene-d12  
 Concen: 20.00 ng  
 RT: 21.827 min Scan# 3232  
 Delta R.T. -0.008 min  
 Lab File: BG021638.D  
 Acq: 14 Apr 2016 2:08

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 240     | 100   |       |       |
| 120     | 10.6  | 8.4   | 12.6  |
| 236     | 26.4  | 19.6  | 29.4  |





#78

Terphenyl-d14

Concen: 87.07 ng

RT: 20.146 min Scan# 2946

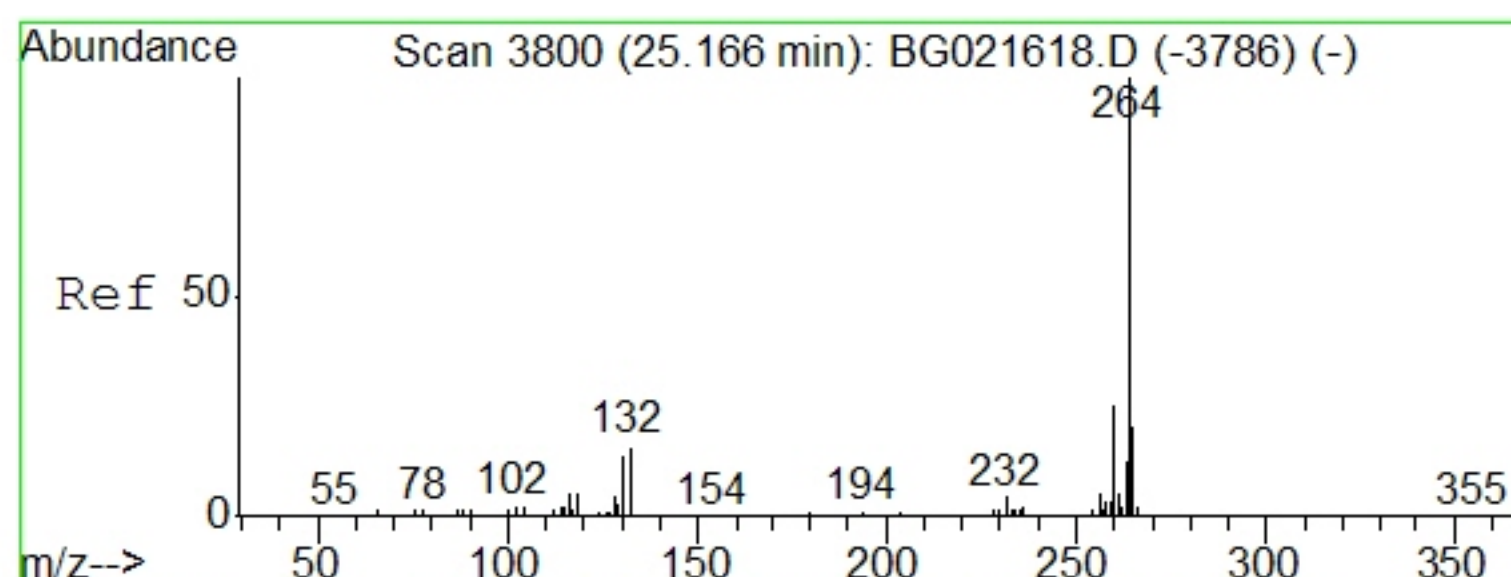
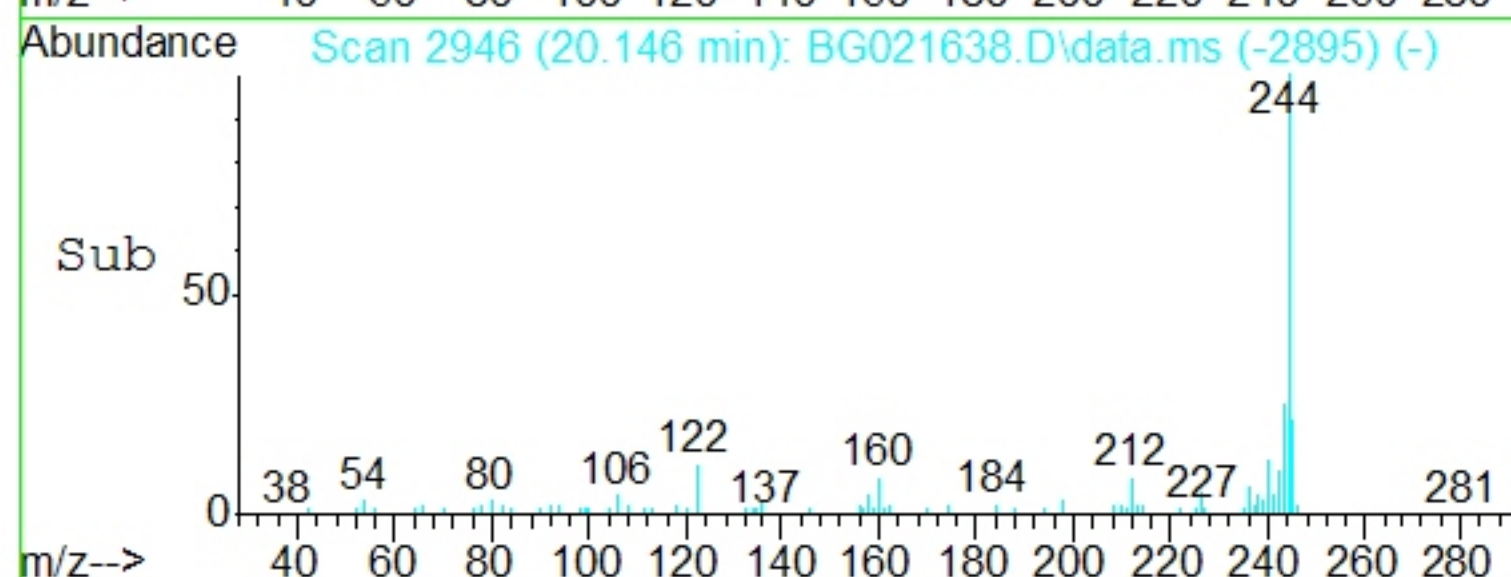
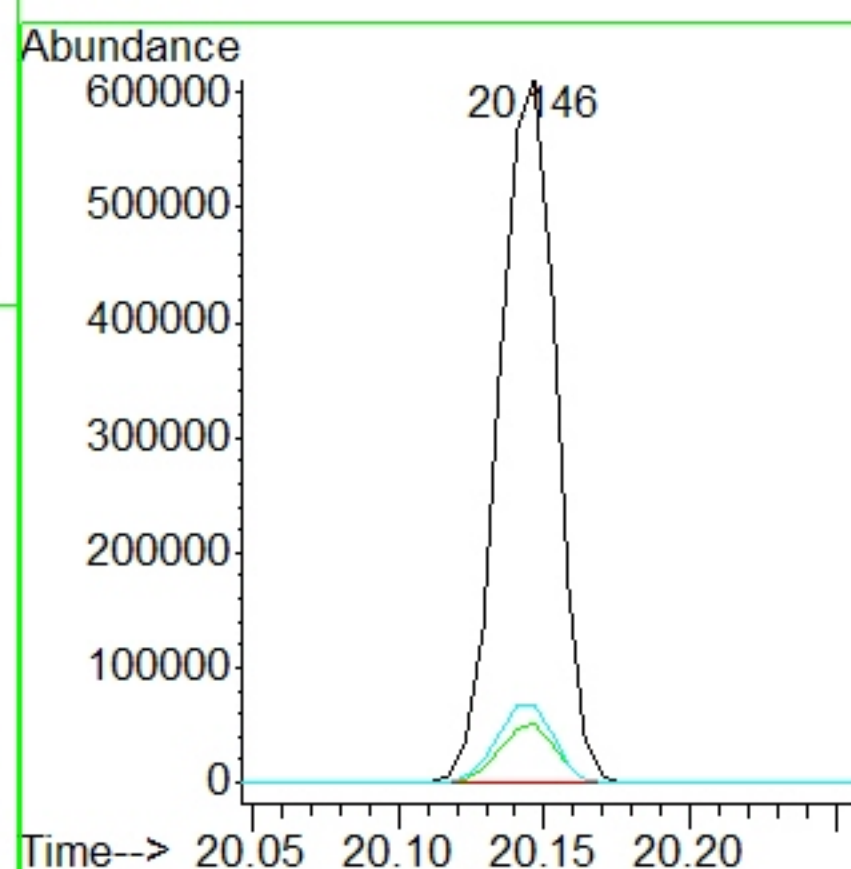
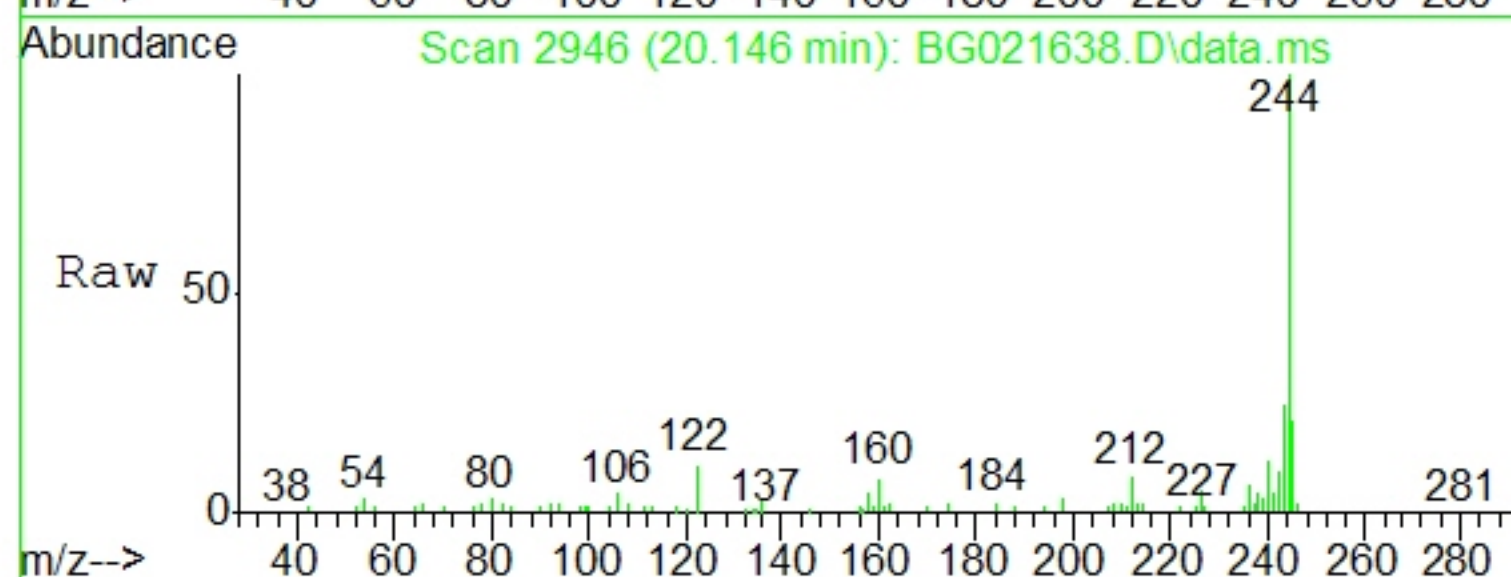
Delta R.T. -0.002 min

Lab File: BG021638.D

Acq: 14 Apr 2016 2:08

Tgt Ion:244 Resp: 829959

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 244 | 100   |       |       |
| 212 | 8.4   | 6.5   | 9.7   |
| 122 | 10.9  | 8.6   | 12.8  |



#86

Perylene-d12

Concen: 20.00 ng

RT: 25.152 min Scan# 3798

Delta R.T. -0.014 min

Lab File: BG021638.D

Acq: 14 Apr 2016 2:08

Tgt Ion:264 Resp: 231303

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 264 | 100   |       |       |
| 260 | 24.6  | 20.2  | 30.4  |
| 265 | 21.7  | 17.8  | 26.8  |

