

Data Path : Z:\HPCHEM1\BNA\_G\Data\BG041316\BG041316RAW\  
 Data File : BG021640.D  
 Acq On : 14 Apr 2016 4:58  
 Operator : UM/SJ  
 Sample : H1824-03  
 Misc :  
 ALS Vial : 21 Sample Multiplier: 1

Quant Time: Apr 14 13:21:57 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     | 8.222  | 152  | 29063    | 20.00  | ng    | 0.00     |
| 21) Naphthalene-d8            | 11.030 | 136  | 127035   | 20.00  | ng    | 0.00     |
| 38) Acenaphthene-d10          | 14.820 | 164  | 85643    | 20.00  | ng    | 0.00     |
| 63) Phenanthrene-d10          | 17.558 | 188  | 217210   | 20.00  | ng    | 0.00     |
| 75) Chrysene-d12              | 21.829 | 240  | 245509   | 20.00  | ng    | 0.00     |
| 86) Perylene-d12              | 25.155 | 264  | 234008   | 20.00  | ng    | -0.01    |
| System Monitoring Compounds   |        |      |          |        |       |          |
| 5) 2-Fluorophenol             | 5.760  | 112  | 255306   | 146.29 | ng    | 0.00     |
| 7) Phenol-d6                  | 7.358  | 99   | 371342   | 142.44 | ng    | 0.00     |
| 23) Nitrobenzene-d5           | 9.385  | 82   | 219550   | 88.83  | ng    | 0.00     |
| 41) 2,4,6-Tribromophenol      | 16.301 | 330  | 141440   | 153.24 | ng    | 0.00     |
| 44) 2-Fluorobiphenyl          | 13.457 | 172  | 525120   | 89.84  | ng    | 0.00     |
| 78) Terphenyl-d14             | 20.143 | 244  | 888343   | 90.29  | ng    | 0.00     |
| Target Compounds              |        |      |          |        |       | Qvalue   |
| 2) 1,4-Dioxane                | 3.639  | 88   | 2789     | 3.59   | ng    | 86       |
| 3) Pyridine                   | 4.044  | 79   | 8209     | 3.52   | ng    | 88       |
| 4) n-Nitrosodimethylamine     | 3.956  | 42   | 4431     | 3.84   | ng    | # 84     |
| 6) Aniline                    | 7.534  | 93   | 12437    | 3.61   | ng    | 93       |
| 8) 2-Chlorophenol             | 7.534  | 93   | 8931     | 4.27   | ng    | 95       |
| 9) Benzaldehyde               | 7.534  | 93   | 8785     | 5.83   | ng    | 95       |
| 10) Phenol                    | 7.382  | 94   | 12708    | 4.53   | ng    | 81       |
| 11) bis(2-Chloroethyl) ether  | 7.628  | 93   | 8462     | 3.77   | ng    | 87       |
| 12) 1,3-Dichlorobenzene       | 8.104  | 146  | 9459     | 4.05   | ng    | 93       |
| 13) 1,4-Dichlorobenzene       | 8.251  | 146  | 9303     | 3.91   | ng    | 97       |
| 14) 1,2-Dichlorobenzene       | 8.574  | 146  | 9173     | 4.02   | ng    | 97       |
| 15) Benzyl Alcohol            | 8.451  | 79   | 8515     | 4.27   | ng    | 93       |
| 16) 2,2'-oxybis(1-Chloropr... | 8.745  | 45   | 17381    | 3.62   | ng    | 97       |
| 17) 2-Methylphenol            | 8.639  | 107  | 8420     | 4.34   | ng    | 94       |
| 18) Hexachloroethane          | 9.309  | 117  | 3512     | 4.06   | ng    | 94       |
| 19) n-Nitroso-di-n-propyla... | 9.015  | 70   | 8033     | 3.97   | ng    | # 95     |
| 20) 3+4-Methylphenols         | 8.968  | 107  | 11214    | 4.23   | ng    | 92       |
| 22) Acetophenone              | 9.038  | 105  | 14070    | 3.98   | ng    | # 96     |
| 24) Nitrobenzene              | 9.426  | 77   | 11287    | 4.27   | ng    | # 93     |
| 25) Isophorone                | 9.943  | 82   | 19485    | 3.60   | ng    | 98       |
| 26) 2-Nitrophenol             | 10.137 | 139  | 3494     | 3.46   | ng    | # 88     |
| 27) 2,4-Dimethylphenol        | 10.178 | 122  | 9177     | 4.00   | ng    | 95       |
| 28) bis(2-Chloroethoxy)met... | 10.425 | 93   | 12838    | 4.47   | ng    | # 94     |
| 29) 2,4-Dichlorophenol        | 10.666 | 162  | 8191     | 4.19   | ng    | 98       |
| 30) 1,2,4-Trichlorobenzene    | 10.889 | 180  | 9059     | 4.31   | ng    | 92       |
| 31) Naphthalene               | 11.083 | 128  | 29735    | 4.37   | ng    | 98       |
| 32) Benzoic acid              | 10.178 | 122  | 9177     | 12.03  | ng    | # 11     |
| 33) 4-Chloroaniline           | 11.183 | 127  | 12108    | 4.11   | ng    | 96       |
| 34) Hexachlorobutadiene       | 11.365 | 225  | 5532     | 4.08   | ng    | 91       |
| 35) Caprolactam               | 11.923 | 113  | 3304     | 3.69   | ng    | # 72     |
| 36) 4-Chloro-3-methylphenol   | 12.276 | 107  | 10975    | 4.46   | ng    | 96       |
| 37) 2-Methylnaphthalene       | 12.669 | 142  | 21105    | 4.52   | ng    | 93       |
| 39) 1,2,4,5-Tetrachloroben... | 13.028 | 216  | 10810    | 4.04   | ng    | 97       |



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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Wed Apr 13 15:48:13 2016  
 Response via : Initial Calibration

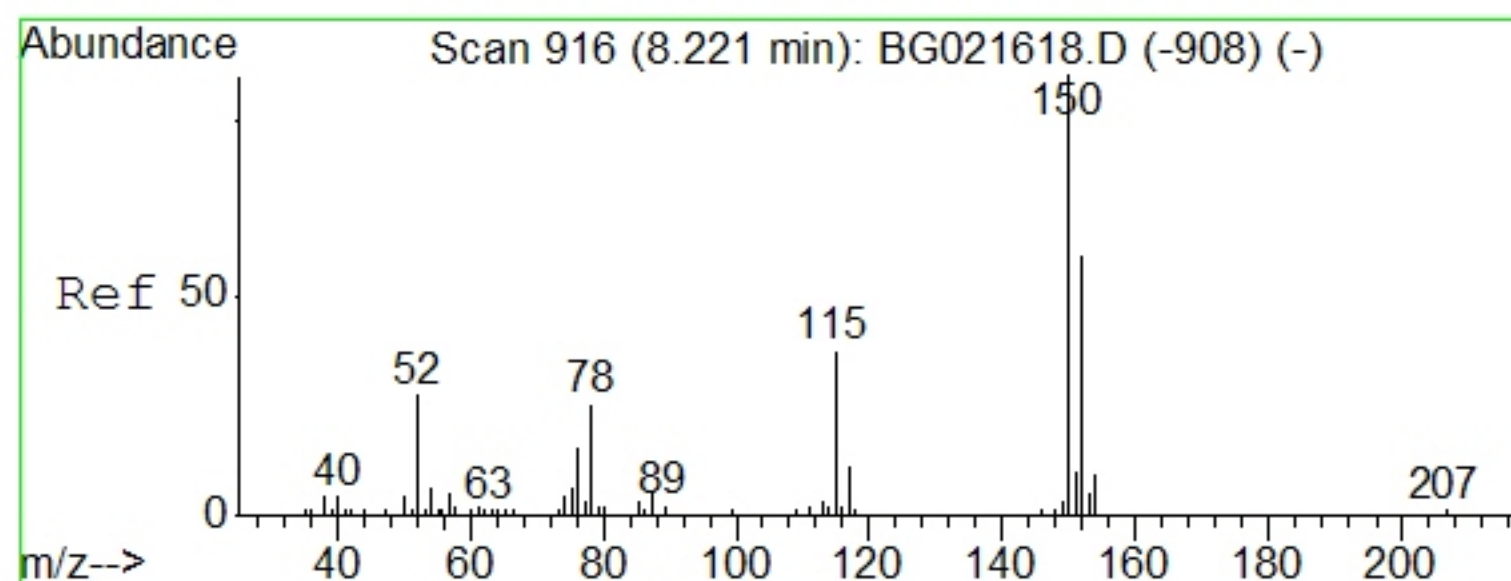
| Compound                      | R.T.   | QIon | Response | Conc | Units | Dev(Min) |
|-------------------------------|--------|------|----------|------|-------|----------|
| 40) Hexachlorocyclopentadiene | 13.010 | 237  | 5505     | 3.70 | ng    | 94       |
| 42) 2,4,6-Trichlorophenol     | 13.257 | 196  | 6176     | 3.62 | ng    | 92       |
| 43) 2,4,5-Trichlorophenol     | 13.328 | 196  | 7418     | 4.03 | ng    | 99       |
| 45) 1,1'-Biphenyl             | 13.662 | 154  | 28848    | 4.00 | ng    | 95       |
| 46) 2-Chloronaphthalene       | 13.709 | 162  | 22098    | 4.14 | ng    | 96       |
| 47) 2-Nitroaniline            | 13.903 | 65   | 7295     | 3.99 | ng    | 92       |
| 48) Acenaphthylene            | 14.550 | 152  | 36405    | 4.13 | ng    | 98       |
| 49) Dimethylphthalate         | 14.268 | 163  | 30374    | 4.10 | ng    | 96       |
| 50) 2,6-Dinitrotoluene        | 14.385 | 165  | 5778     | 4.09 | ng    | 90       |
| 51) Acenaphthene              | 14.885 | 154  | 23531    | 4.17 | ng    | 97       |
| 52) 3-Nitroaniline            | 14.714 | 138  | 6338     | 4.05 | ng    | # 97     |
| 53) 2,4-Dinitrophenol         | 14.914 | 184  | 980      | 9.09 | ng    | # 72     |
| 54) Dibenzofuran              | 15.214 | 168  | 36175    | 4.70 | ng    | 95       |
| 55) 4-Nitrophenol             | 14.996 | 139  | 4424     | 3.30 | ng    | 94       |
| 56) 2,4-Dinitrotoluene        | 15.167 | 165  | 7340     | 3.85 | ng    | # 92     |
| 57) Fluorene                  | 15.860 | 166  | 30862    | 4.49 | ng    | 99       |
| 58) 2,3,4,6-Tetrachlorophenol | 15.437 | 232  | 6437     | 4.21 | ng    | # 99     |
| 59) Diethylphthalate          | 15.619 | 149  | 32727    | 4.23 | ng    | 99       |
| 60) 4-Chlorophenyl-phenyle... | 15.854 | 204  | 14629    | 4.32 | ng    | 95       |
| 61) 4-Nitroaniline            | 15.866 | 138  | 6755     | 3.92 | ng    | 92       |
| 62) Azobenzene                | 16.142 | 77   | 31118    | 4.70 | ng    | 98       |
| 64) 4,6-Dinitro-2-methylph... | 15.854 | 204  | 2103     | 7.46 | ng    | 91       |
| 65) n-Nitrosodiphenylamine    | 16.142 | 77   | 26951    | 4.14 | ng    | 98       |
| 66) 4-Bromophenyl-phenylether | 16.741 | 248  | 9048     | 3.89 | ng    | 97       |
| 67) Hexachlorobenzene         | 16.859 | 284  | 10176    | 4.14 | ng    | # 91     |
| 68) Atrazine                  | 16.994 | 200  | 10565    | 4.11 | ng    | 89       |
| 69) Pentachlorophenol         | 17.199 | 266  | 4211     | 3.00 | ng    | 94       |
| 70) Phenanthrene              | 17.599 | 178  | 53802    | 4.49 | ng    | 97       |
| 71) Anthracene                | 17.687 | 178  | 51786    | 4.26 | ng    | 98       |
| 72) Carbazole                 | 17.951 | 167  | 50014    | 4.41 | ng    | 97       |
| 73) Di-n-butylphthalate       | 18.504 | 149  | 57657    | 4.00 | ng    | 99       |
| 74) Fluoranthene              | 19.591 | 202  | 61248    | 4.28 | ng    | 100      |
| 76) Benzidine                 | 19.761 | 184  | 24204    | 3.17 | ng    | 96       |
| 77) Pyrene                    | 19.949 | 202  | 63737    | 4.50 | ng    | 97       |
| 79) Butylbenzylphthalate      | 20.825 | 149  | 24522    | 3.73 | ng    | 99       |
| 80) Benzo(a)anthracene        | 21.806 | 228  | 62858    | 4.45 | ng    | 98       |
| 82) Chrysene                  | 21.876 | 228  | 59005    | 4.35 | ng    | 99       |
| 83) Bis(2-ethylhexyl)phtha... | 21.706 | 149  | 36664    | 3.81 | ng    | 96       |
| 84) Di-n-octyl phthalate      | 22.957 | 149  | 61009    | 3.79 | ng    | 98       |
| 85) Indeno(1,2,3-cd)pyrene    | 28.950 | 276  | 63978    | 3.96 | ng    | 93       |
| 87) Benzo(b)fluoranthene      | 24.091 | 252  | 59240    | 4.36 | ng    | 99       |
| 88) Benzo(k)fluoranthene      | 24.156 | 252  | 59237    | 4.46 | ng    | 98       |
| 89) Benzo(a)pyrene            | 24.996 | 252  | 56824    | 4.32 | ng    | 99       |
| 90) Dibenzo(a,h)anthracene    | 29.033 | 278  | 54552    | 4.14 | ng    | 95       |
| 91) Benzo(g,h,i)perylene      | 30.131 | 276  | 55441    | 4.28 | ng    | # 91     |

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



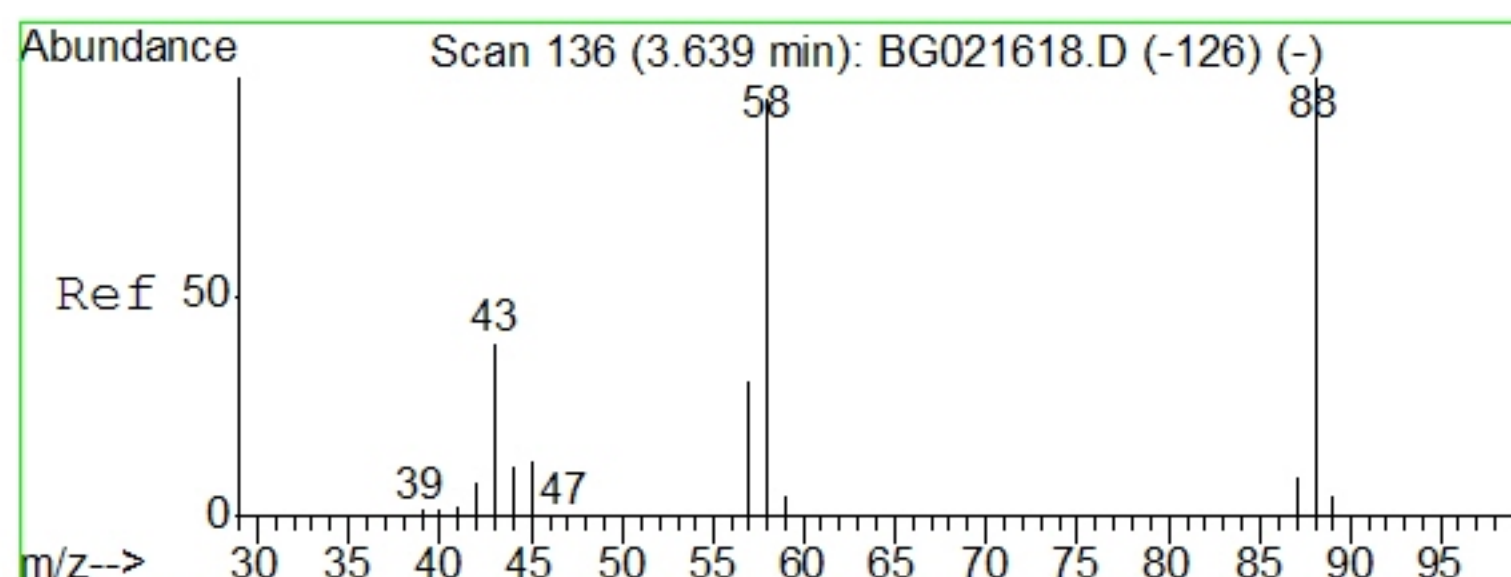
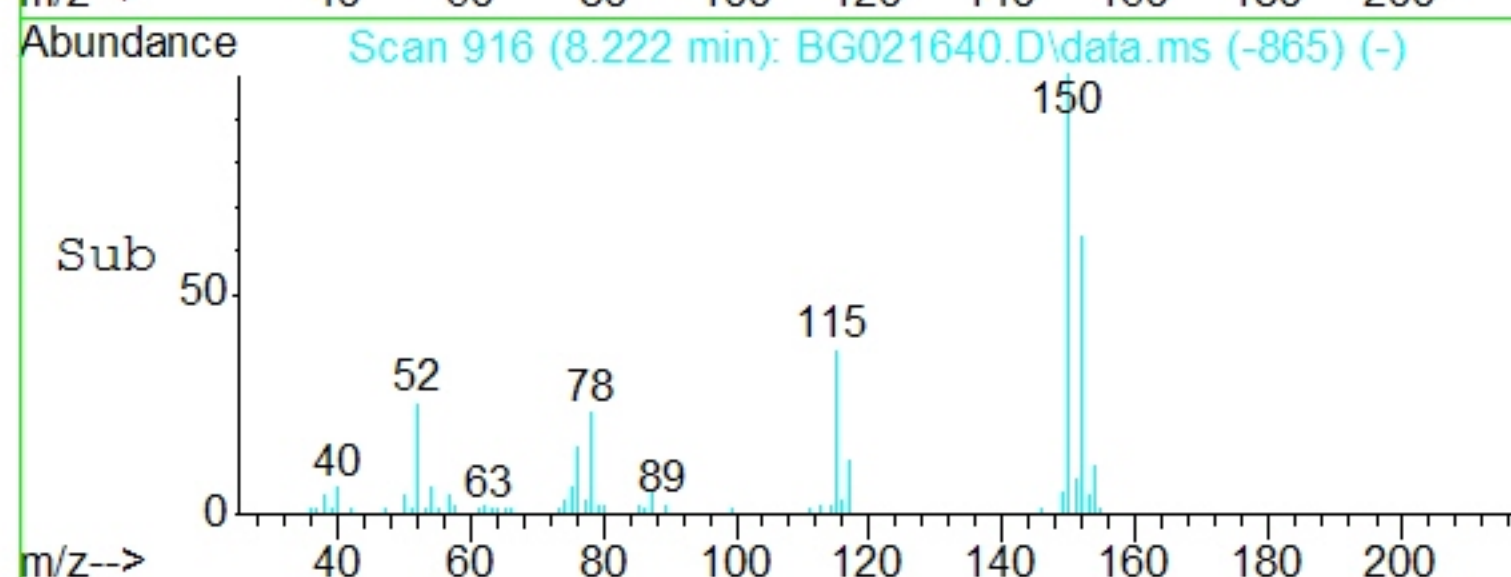
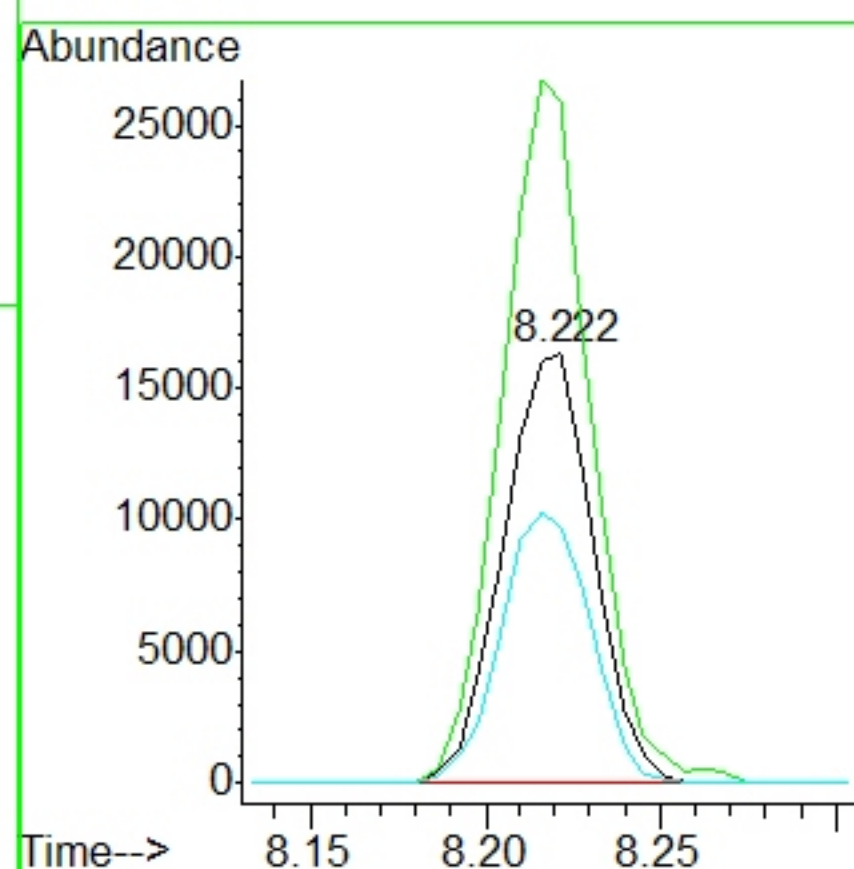
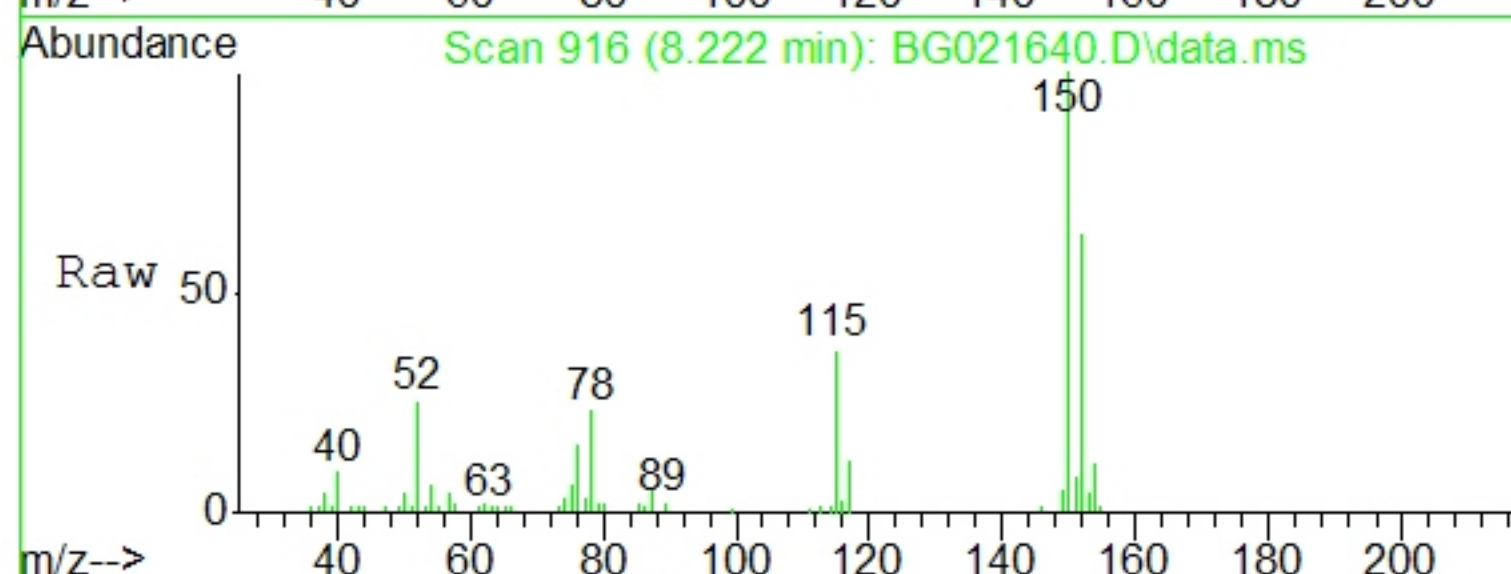






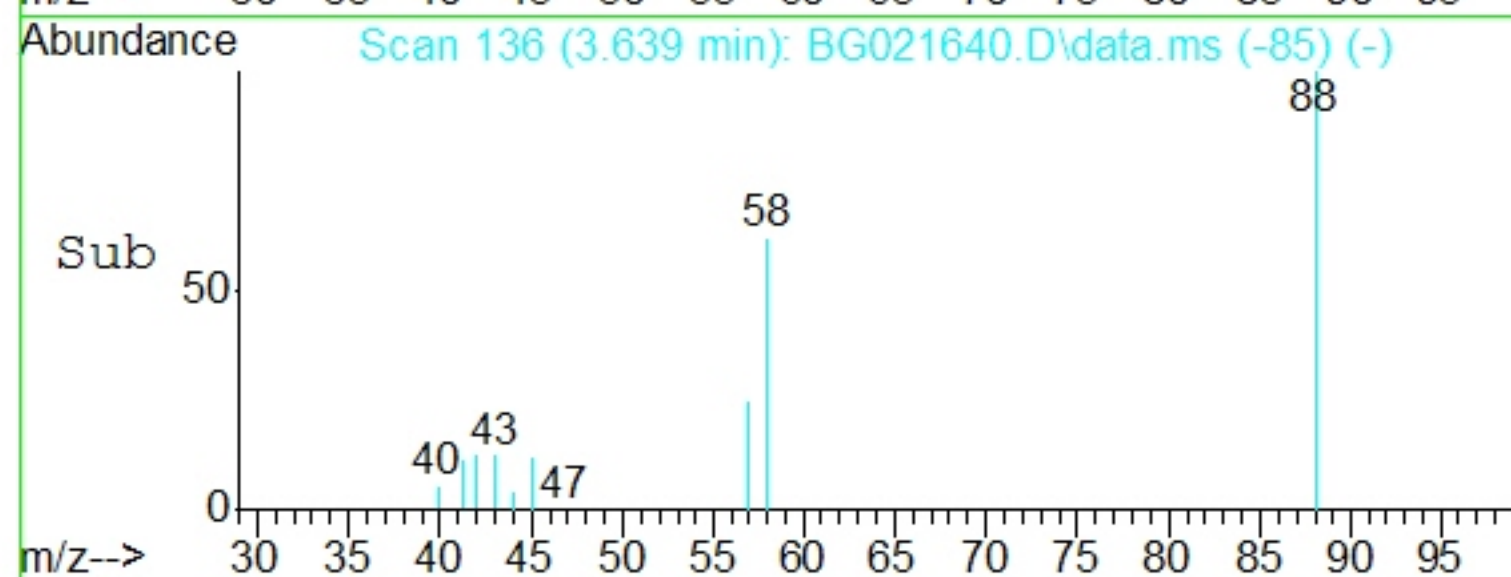
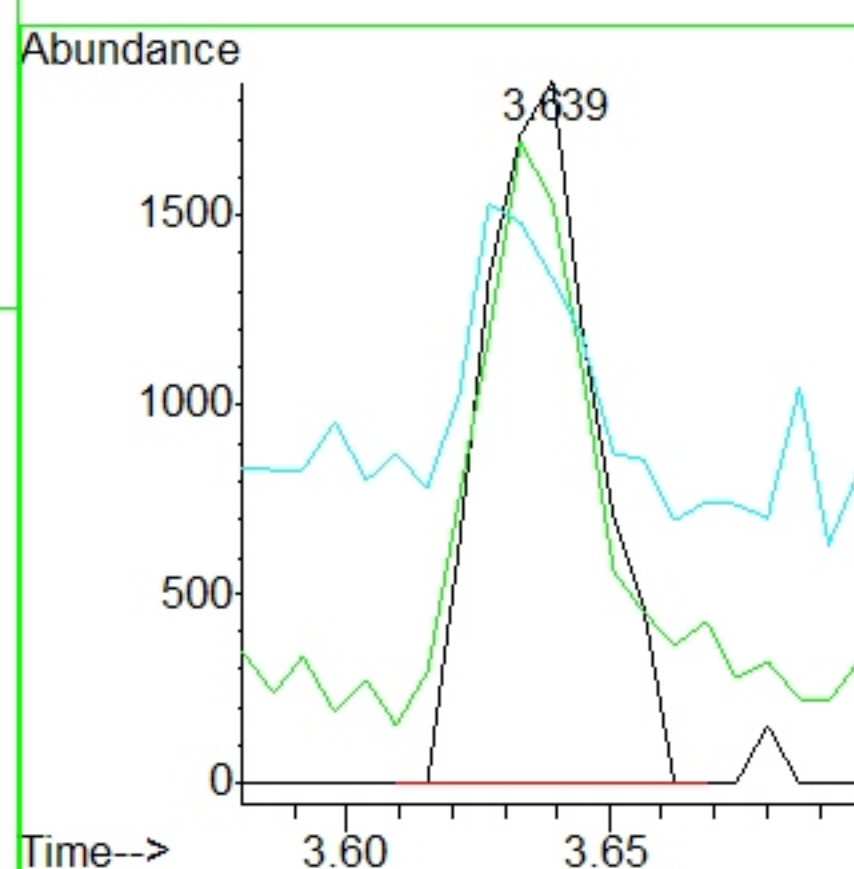
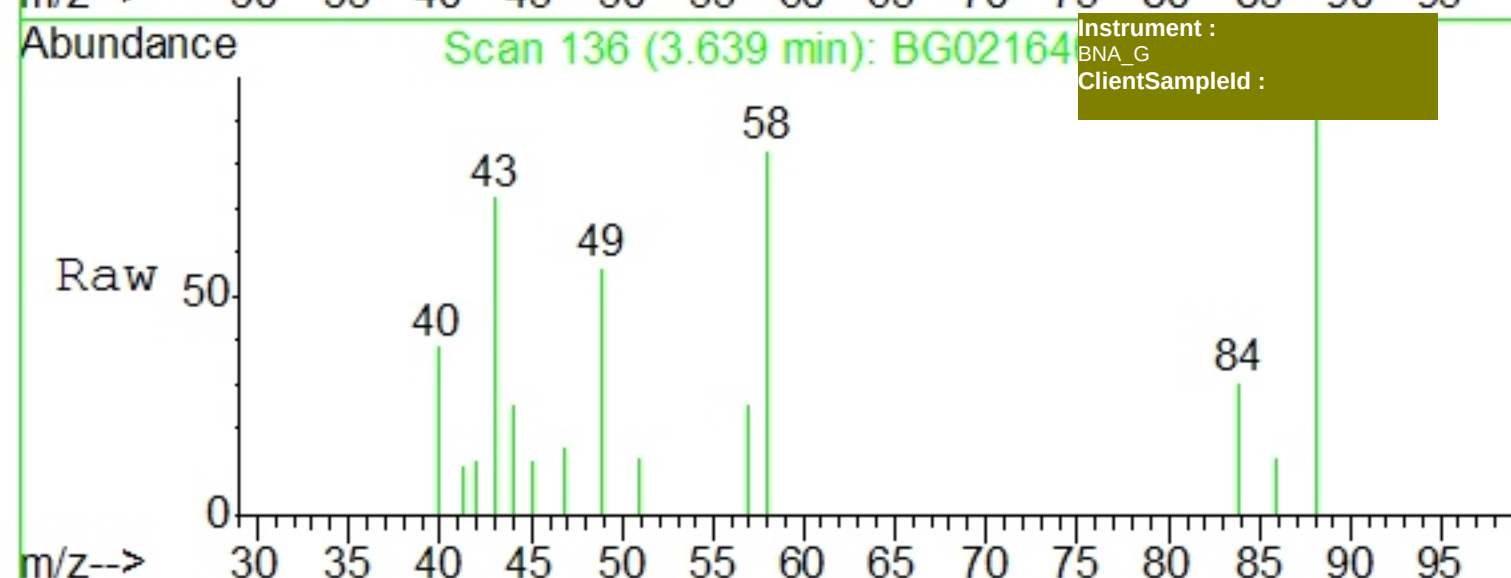
#1  
 1,4-Dichlorobenzene-d4  
 Concen: 20.00 ng  
 RT: 8.222 min Scan# 916  
 Delta R.T. 0.000 min  
 Lab File: BG021640.D  
 Acq: 14 Apr 2016 4:58

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 152     | 100   |       |       |
| 150     | 159.1 | 130.1 | 195.1 |
| 115     | 59.6  | 62.2  | 93.2  |

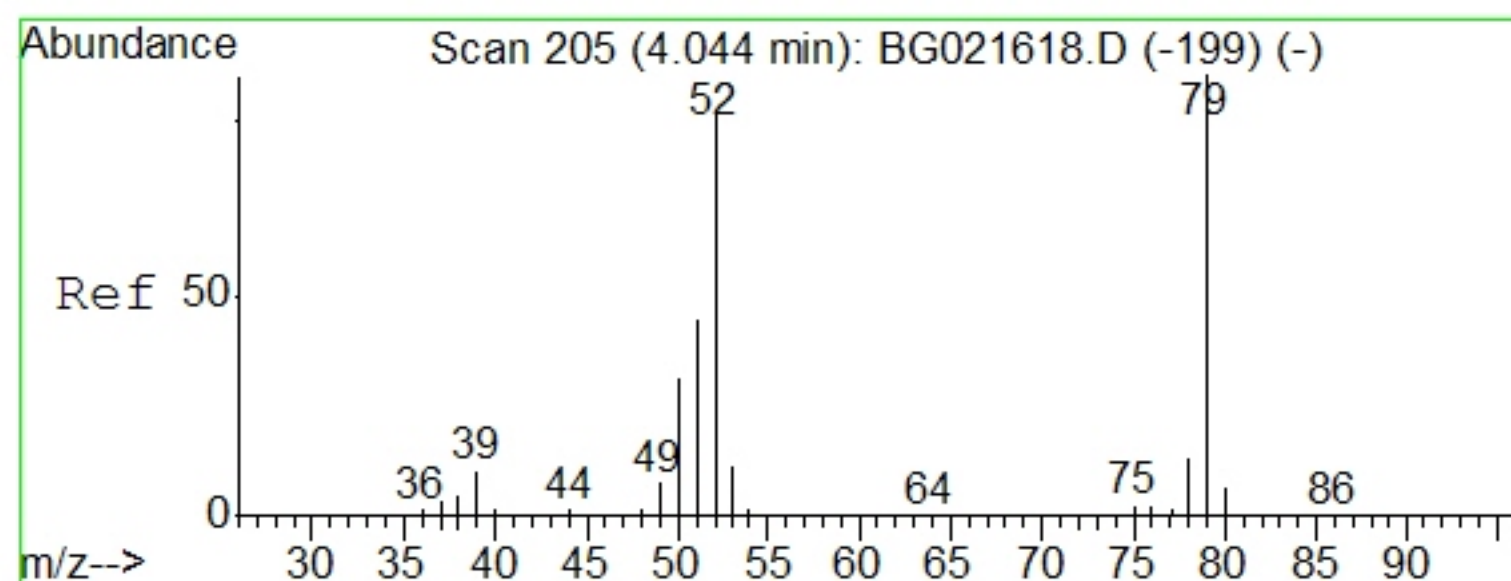


#2  
 1,4-Dioxane  
 Concen: 3.59 ng  
 RT: 3.639 min Scan# 136  
 Delta R.T. 0.000 min  
 Lab File: BG021640.D  
 Acq: 14 Apr 2016 4:58

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 88      | 100   |       |       |
| 58      | 92.2  | 61.8  | 92.8  |
| 43      | 38.7  | 27.3  | 40.9  |

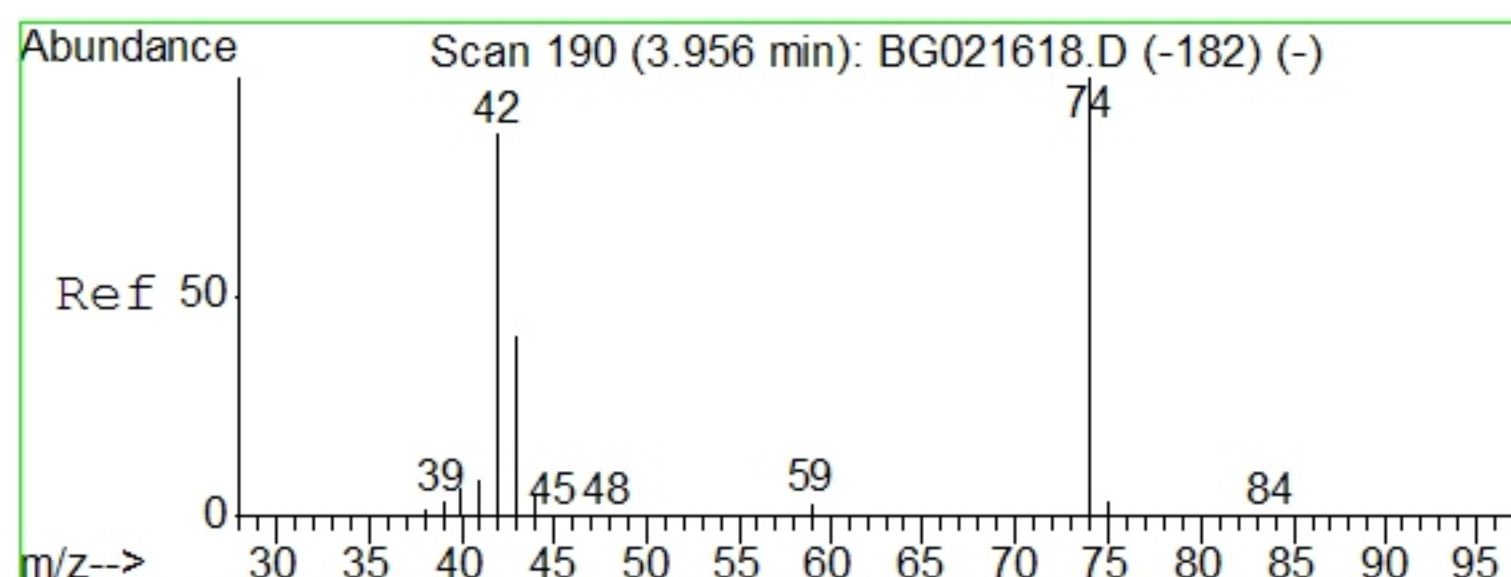
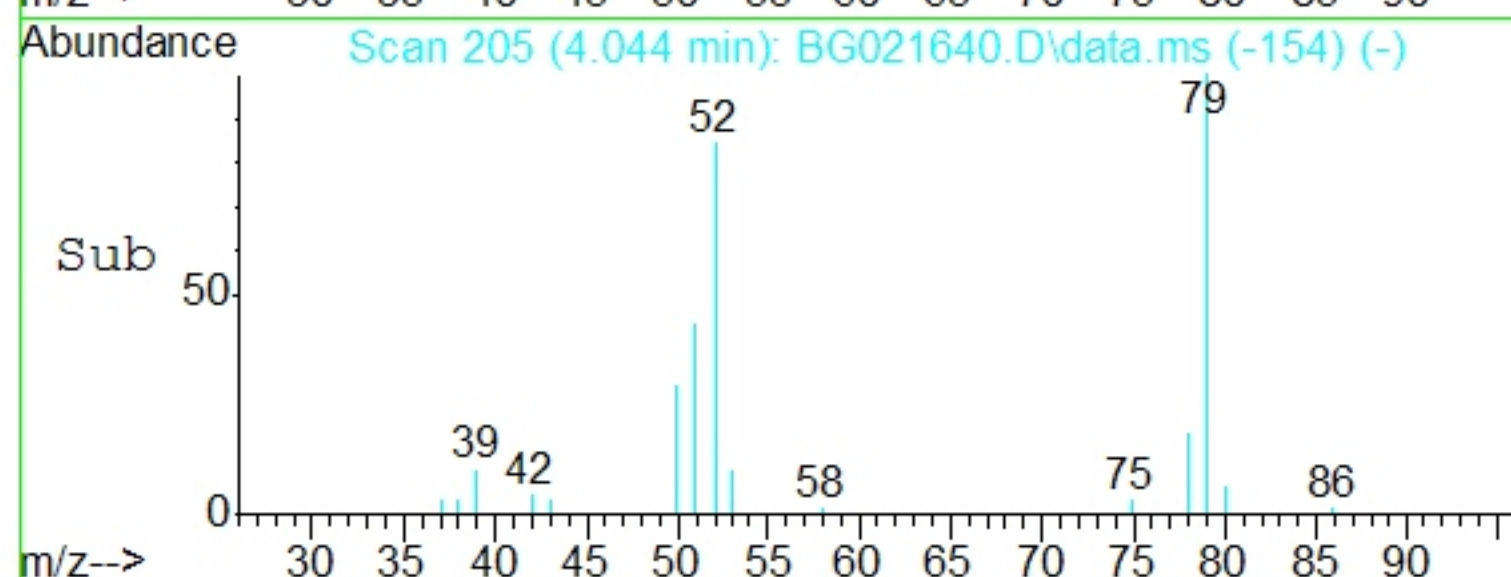
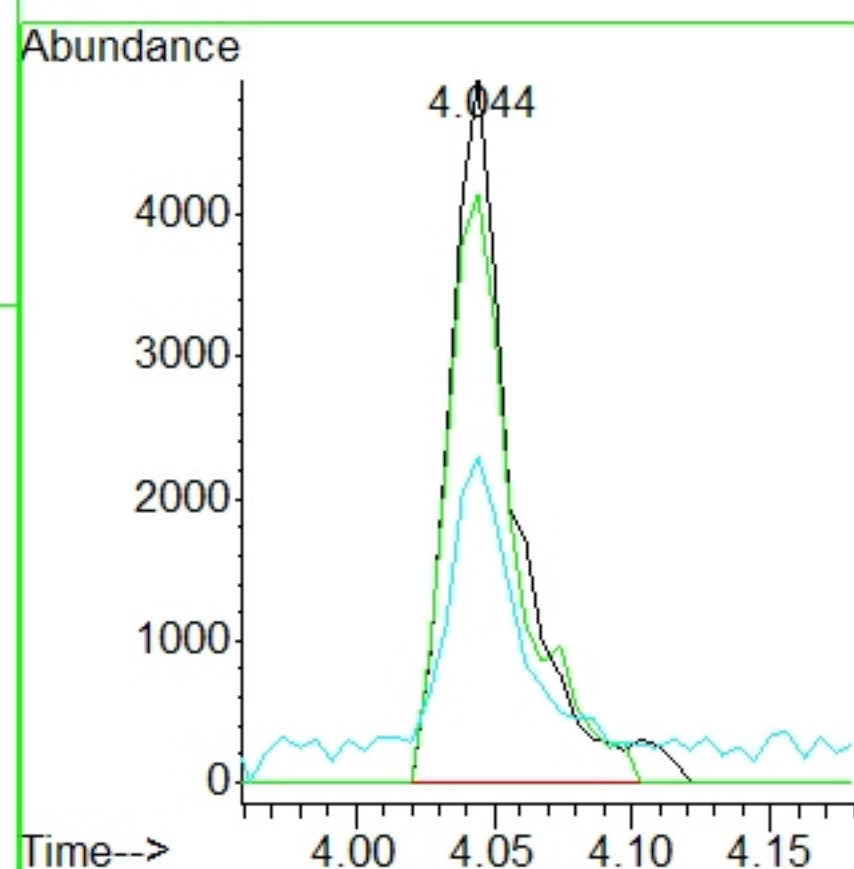
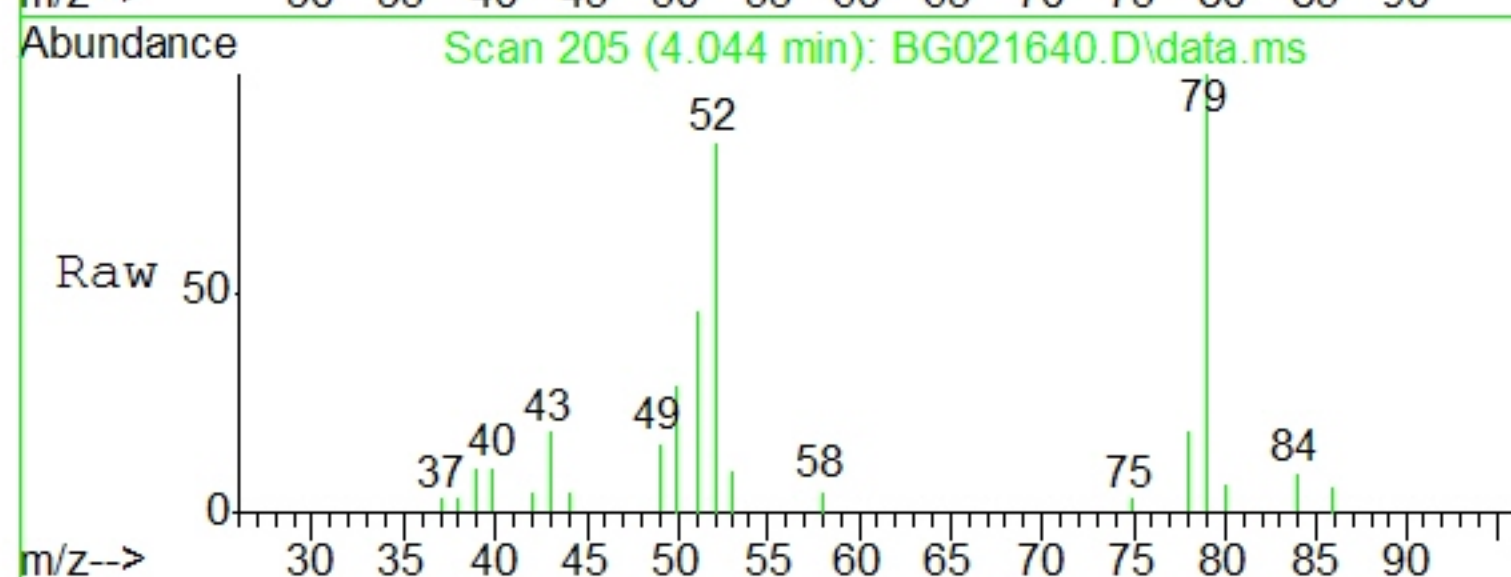






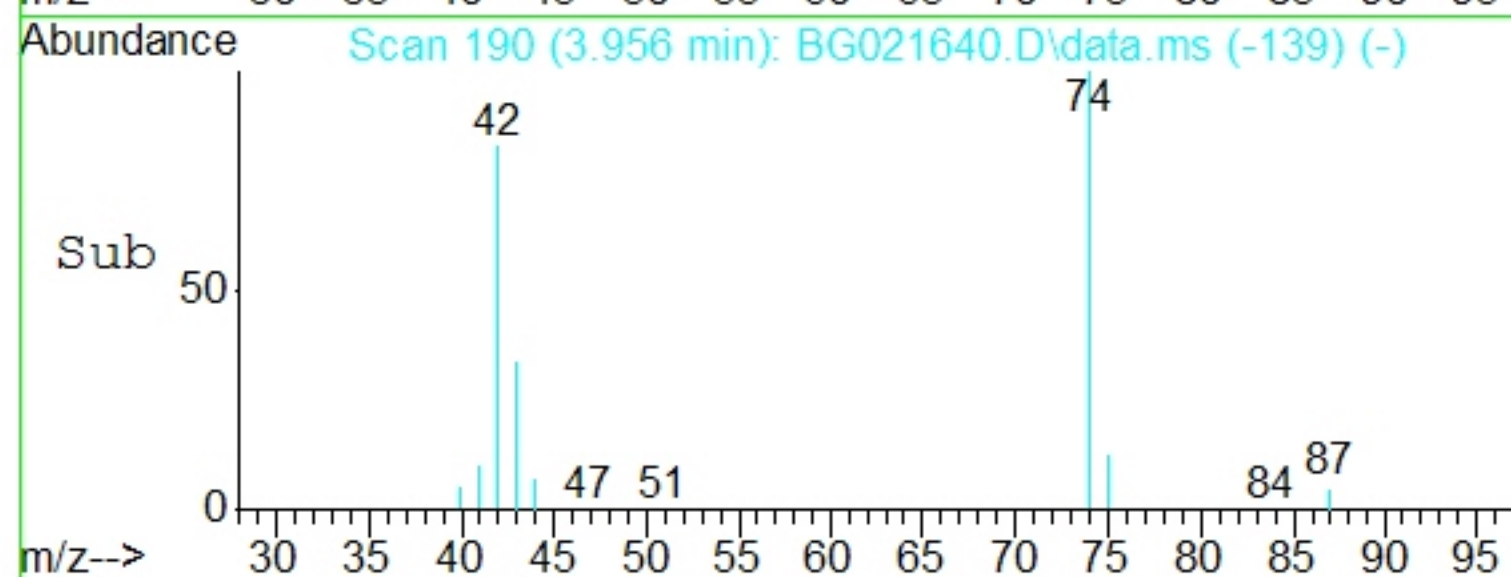
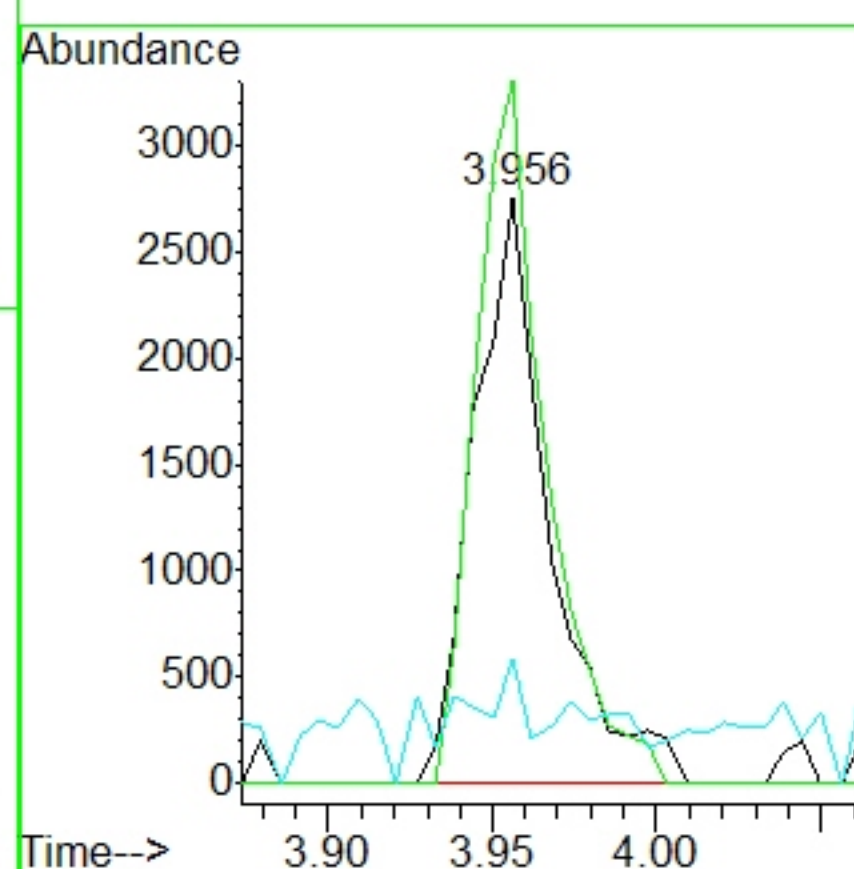
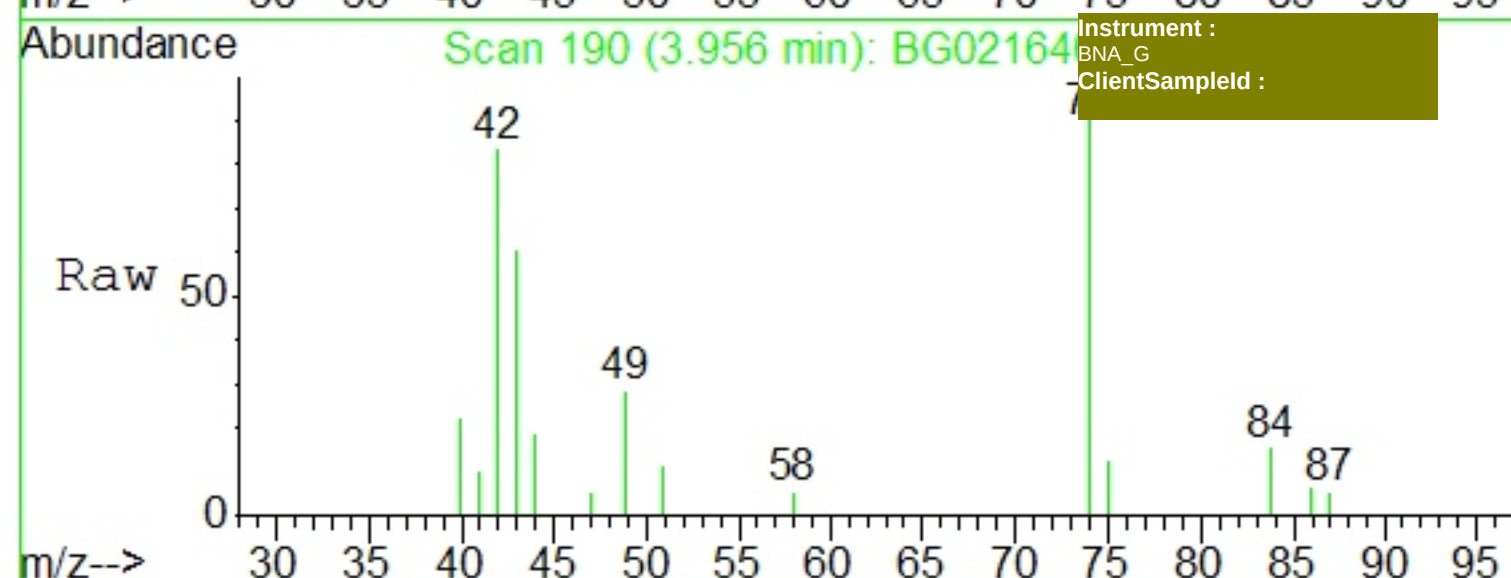
#3  
Pyridine  
Concen: 3.52 ng  
RT: 4.044 min Scan# 205  
Delta R.T. 0.000 min  
Lab File: BG021640.D  
Acq: 14 Apr 2016 4:58

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 79      | 100   |       |       |
| 52      | 83.6  | 77.2  | 115.8 |
| 51      | 46.2  | 42.5  | 63.7  |

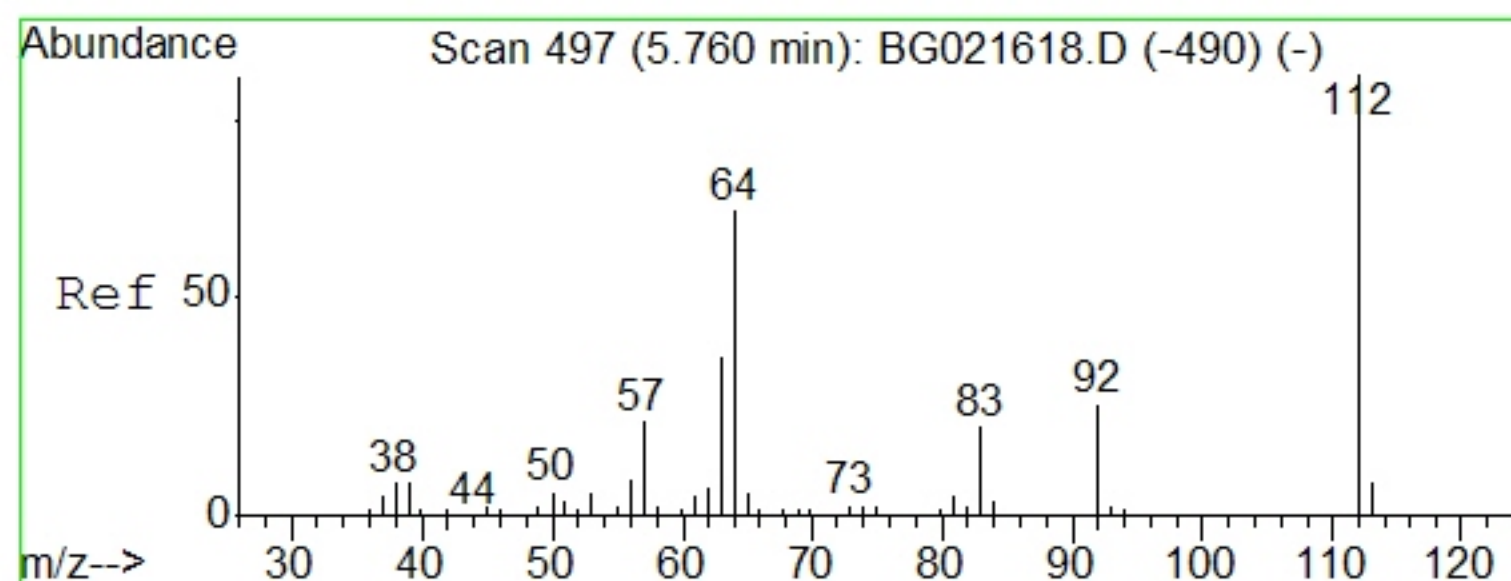


#4  
n-Nitrosodimethylamine  
Concen: 3.84 ng  
RT: 3.956 min Scan# 190  
Delta R.T. 0.000 min  
Lab File: BG021640.D  
Acq: 14 Apr 2016 4:58

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 42      | 100   |       |       |
| 74      | 119.8 | 83.0  | 124.4 |
| 44      | 21.5  | 11.0  | 16.6  |

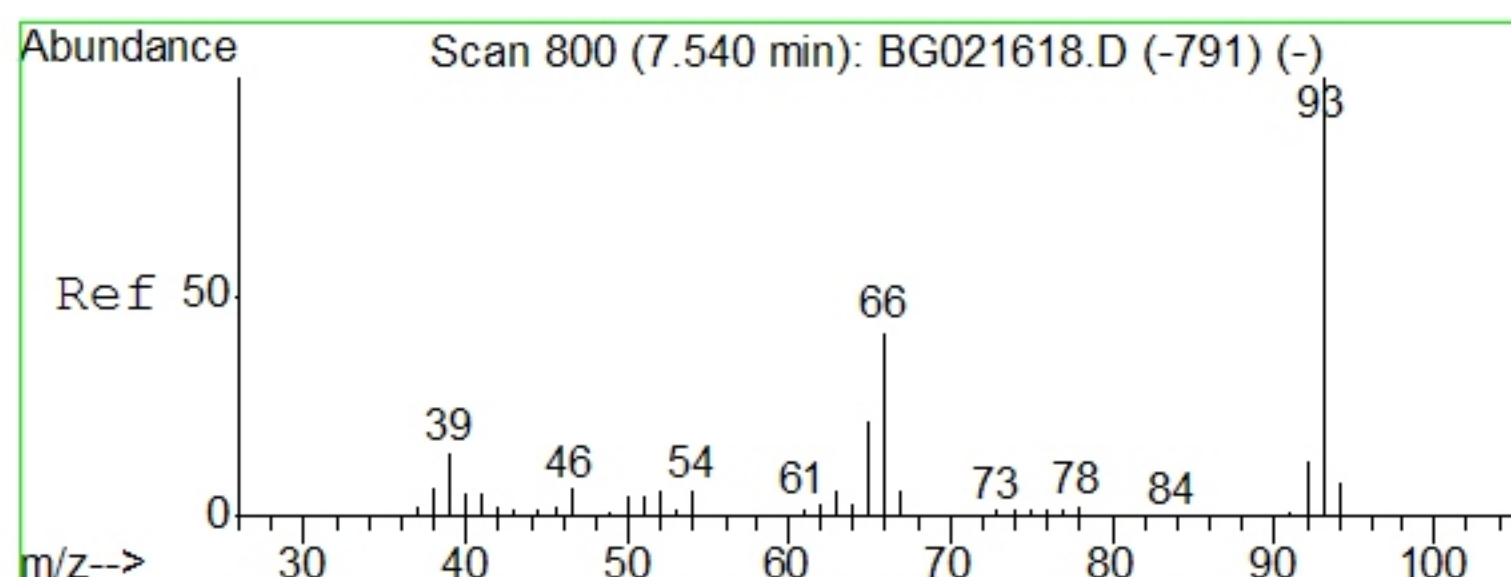
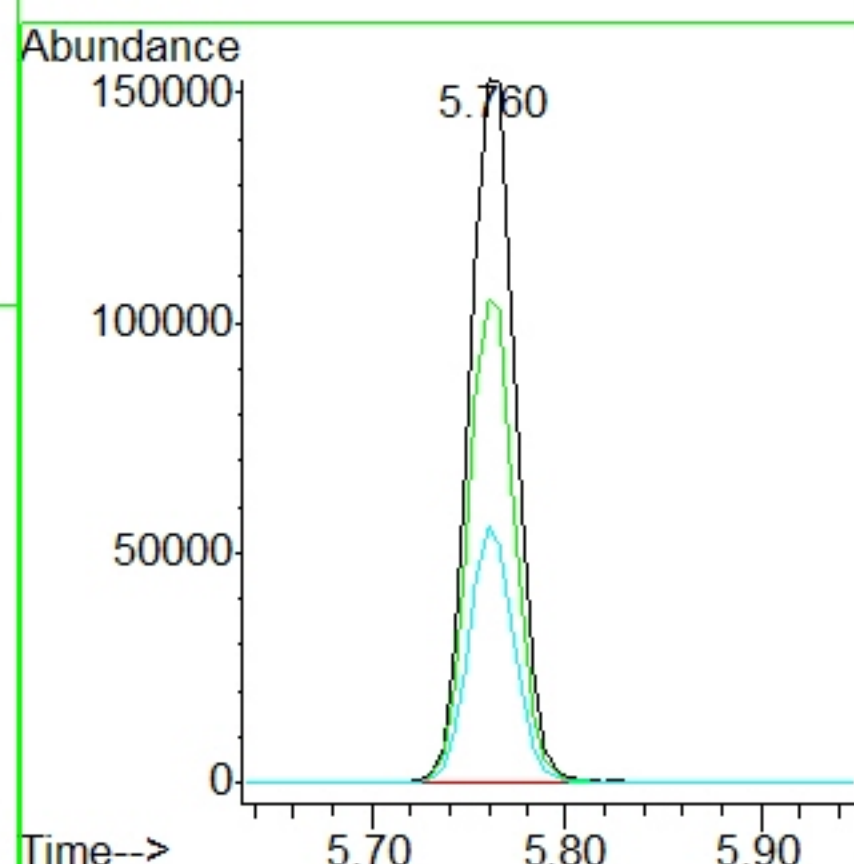
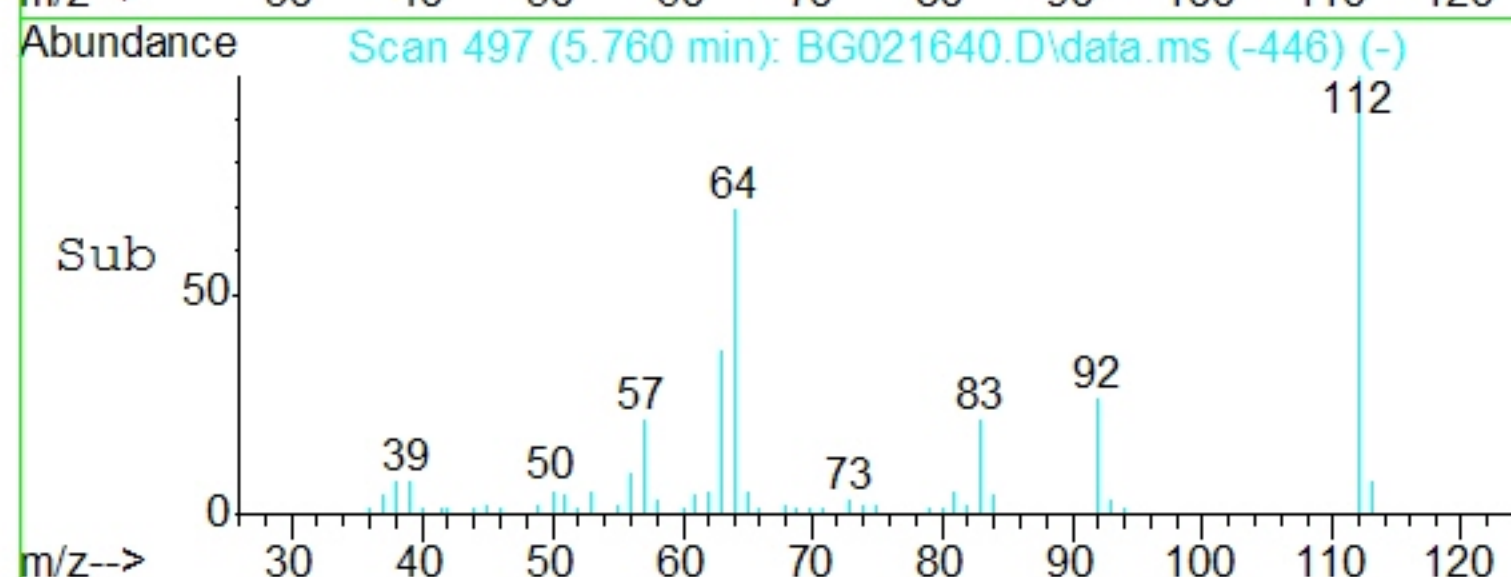
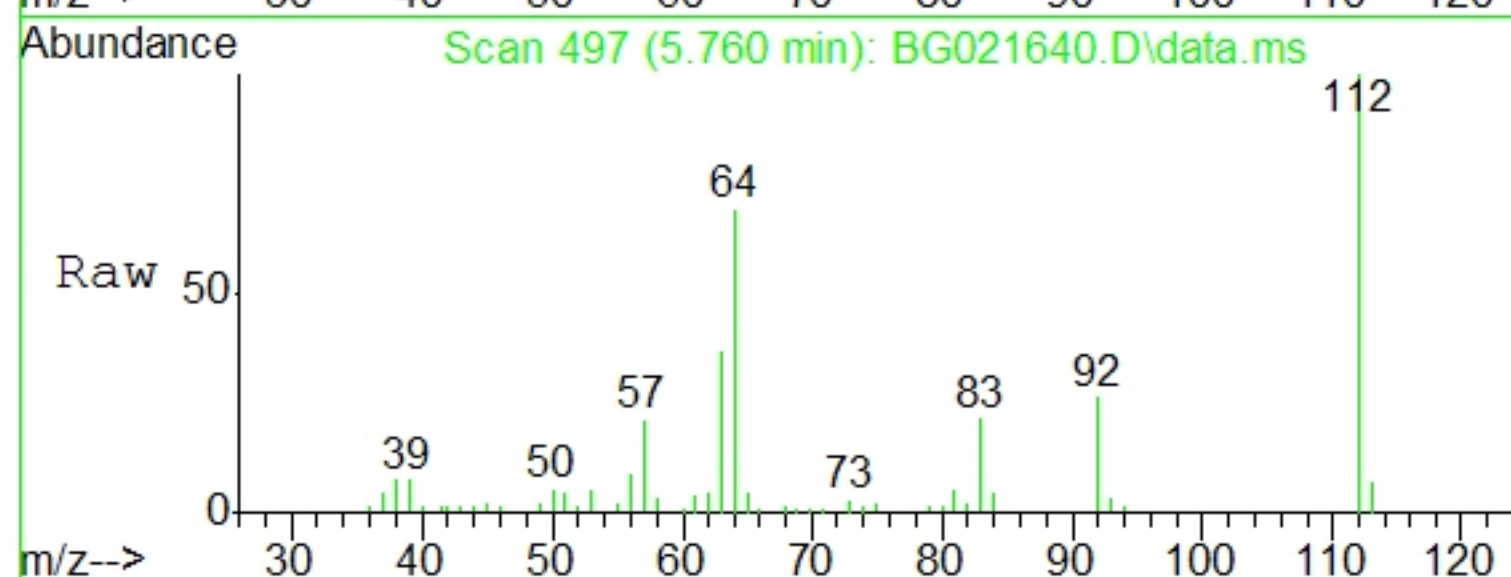






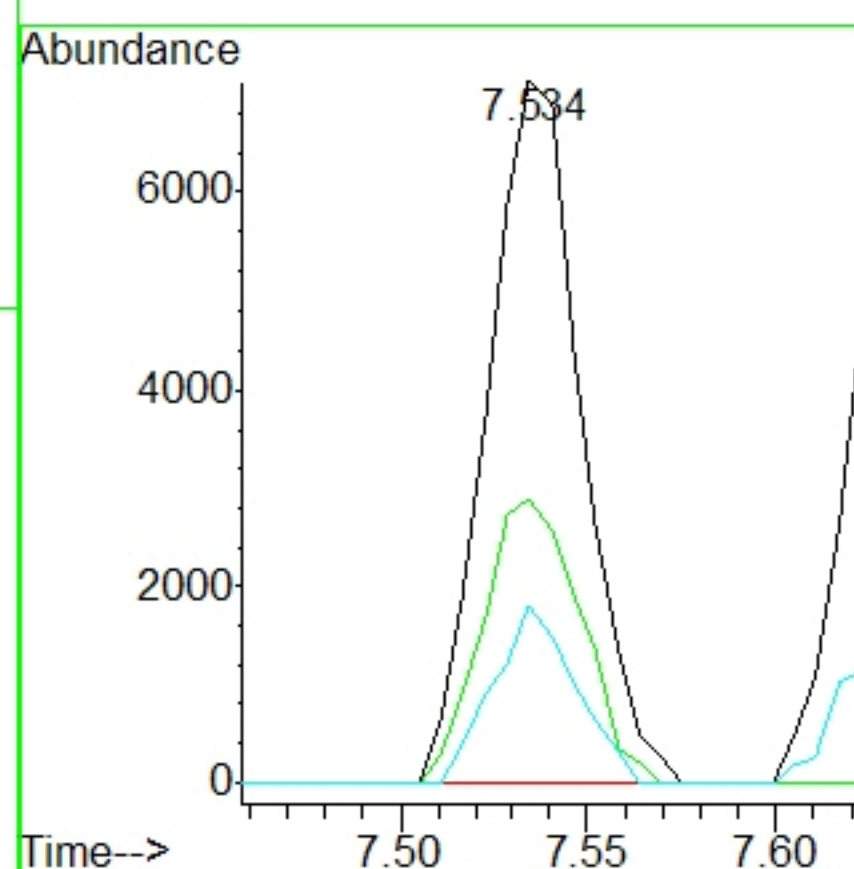
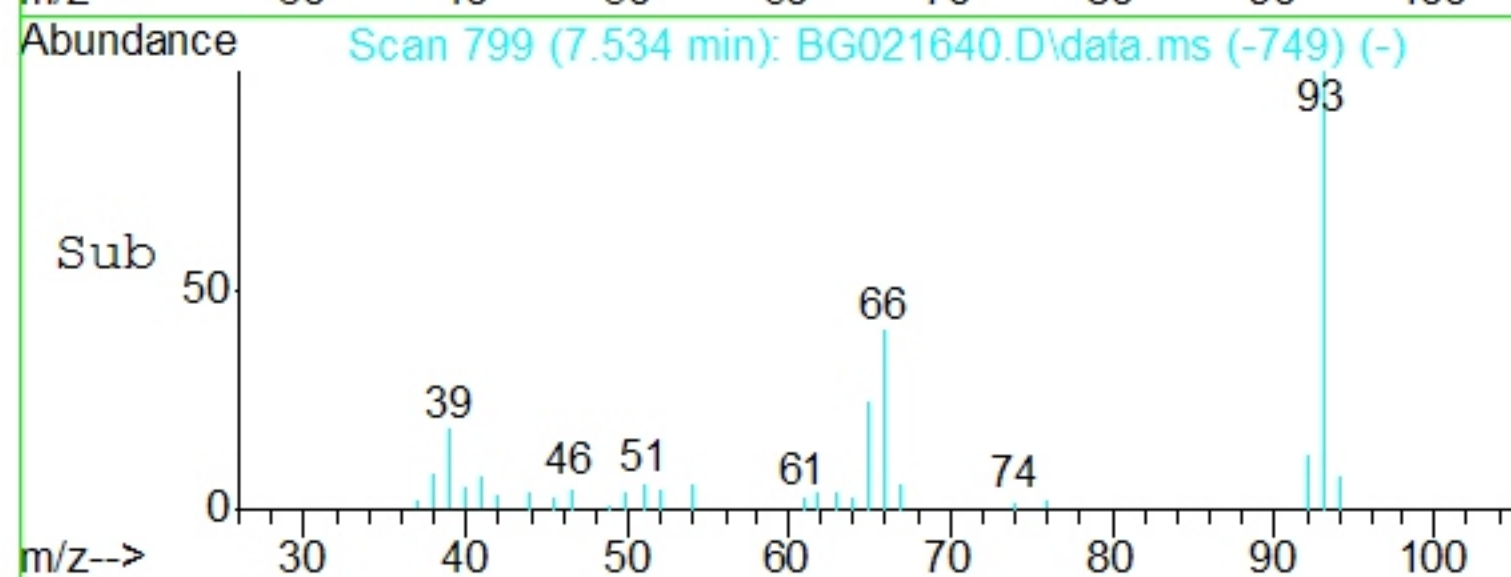
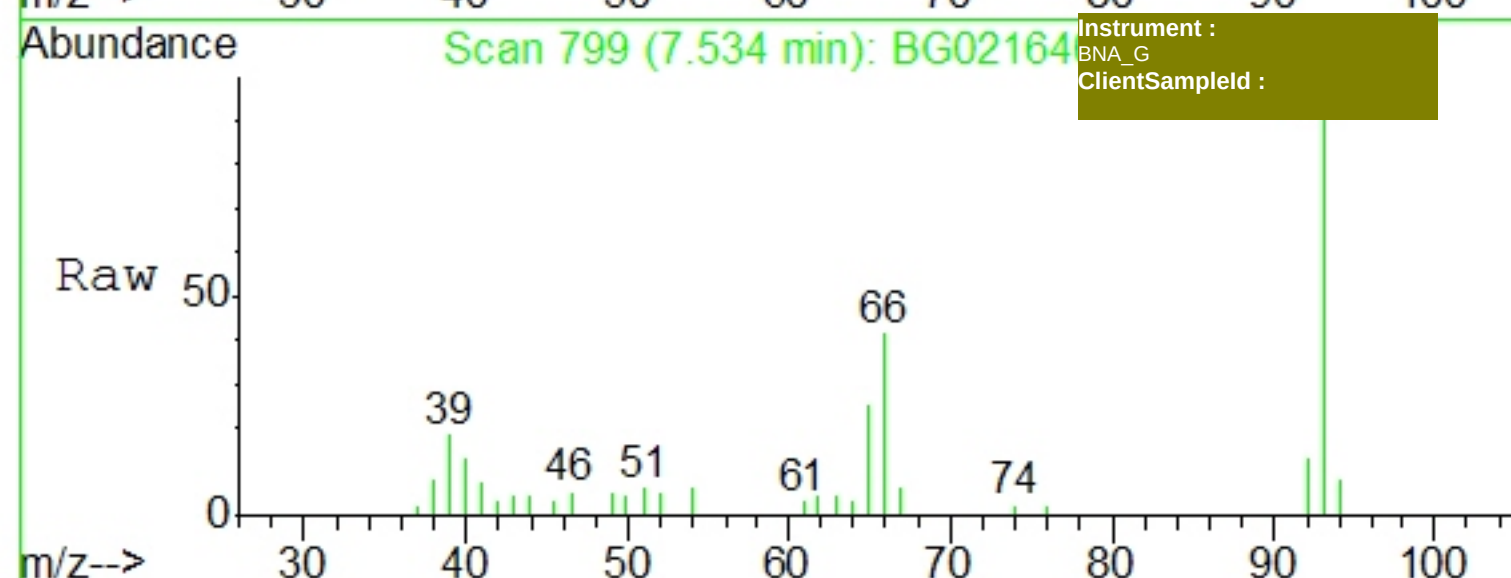
#5  
2-Fluorophenol  
Concen: 146.29 ng  
RT: 5.760 min Scan# 497  
Delta R.T. 0.001 min  
Lab File: BG021640.D  
Acq: 14 Apr 2016 4:58

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 112   | Resp: | 255306 |
| Ion      | Ratio | Lower | Upper  |
| 112      | 100   |       |        |
| 64       | 68.5  | 51.1  | 76.7   |
| 63       | 36.5  | 24.6  | 37.0   |

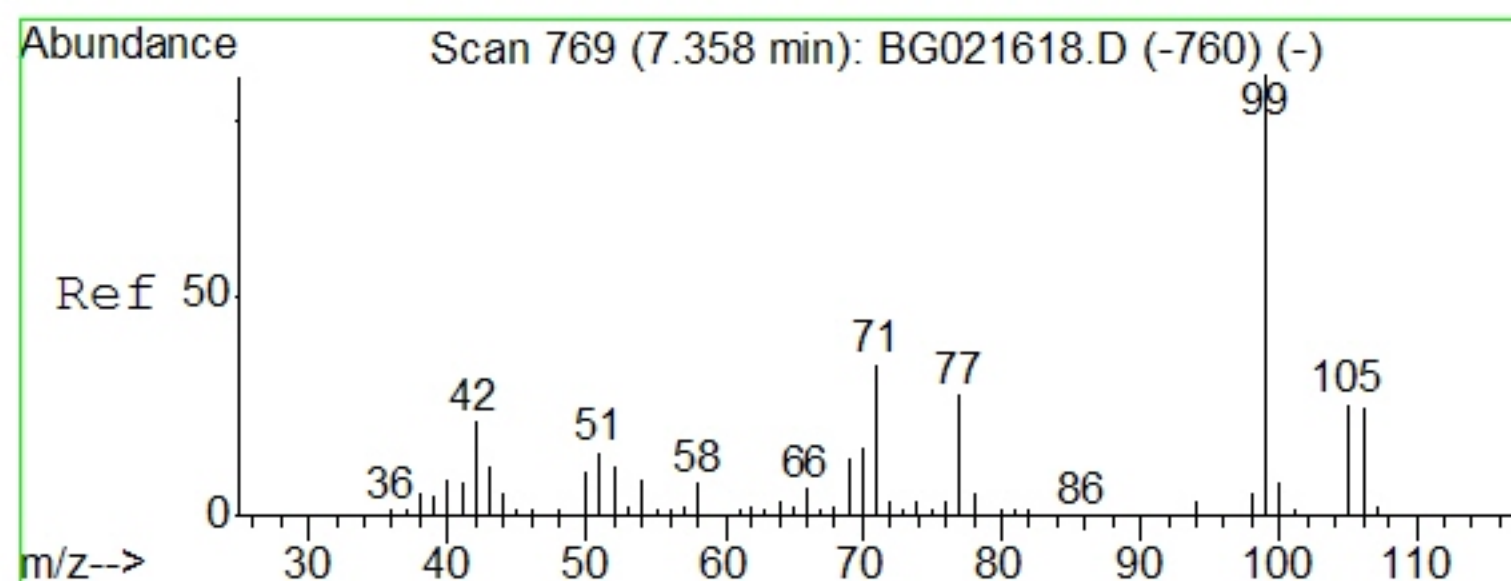


#6  
Aniline  
Concen: 3.61 ng  
RT: 7.534 min Scan# 799  
Delta R.T. -0.006 min  
Lab File: BG021640.D  
Acq: 14 Apr 2016 4:58

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 93    | Resp: | 12437 |
| Ion      | Ratio | Lower | Upper |
| 93       | 100   |       |       |
| 66       | 40.6  | 36.3  | 54.5  |
| 65       | 25.5  | 18.4  | 27.6  |

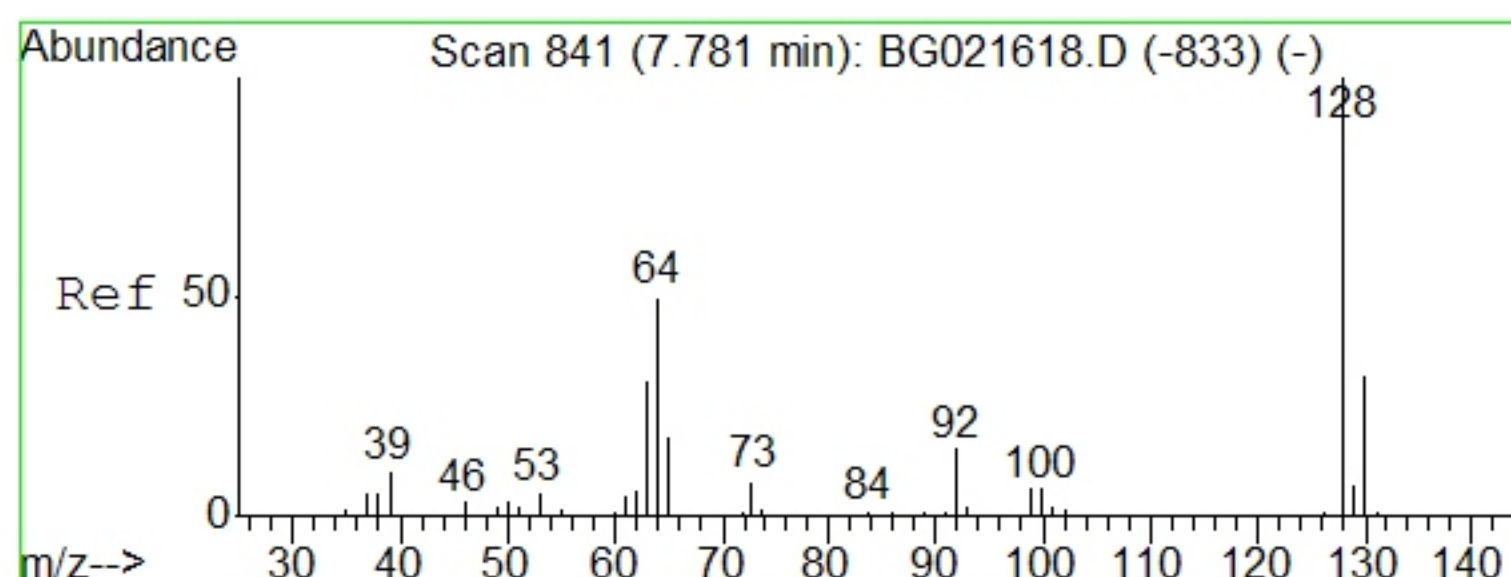
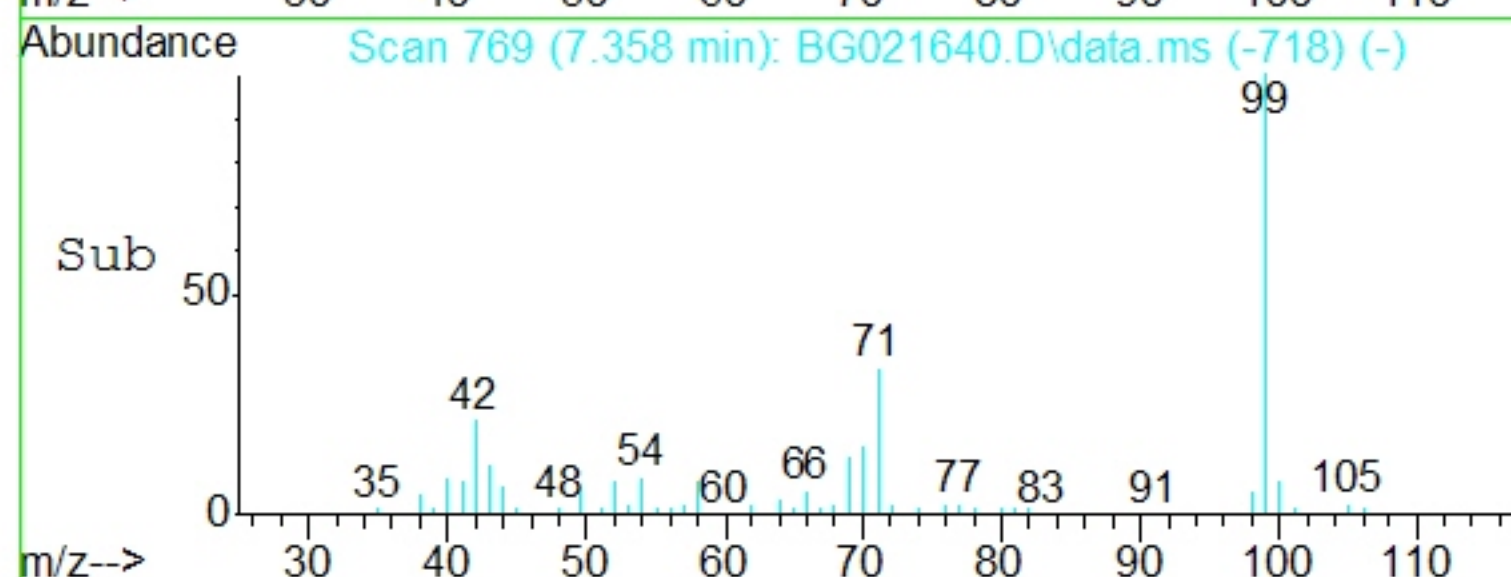
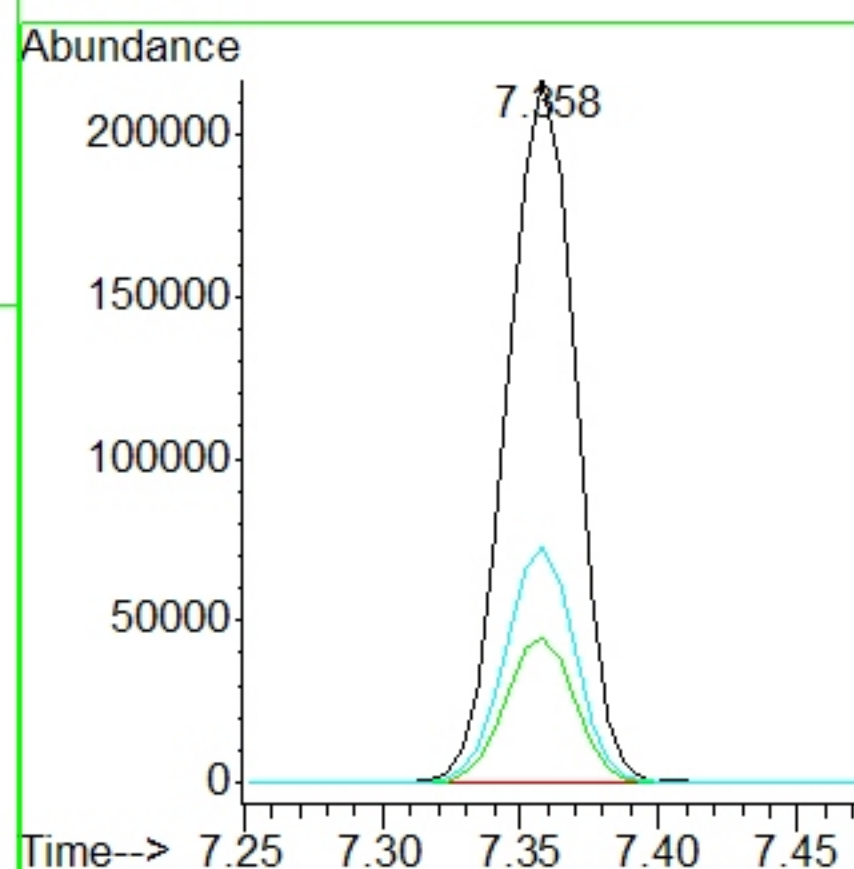
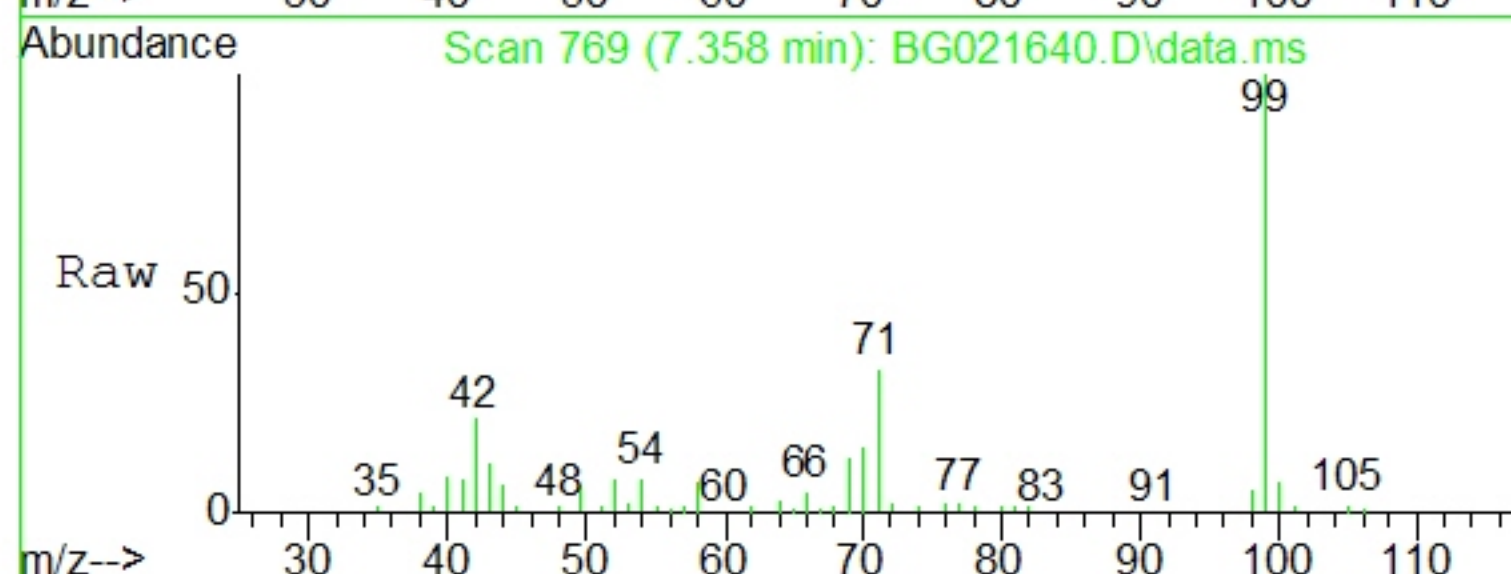






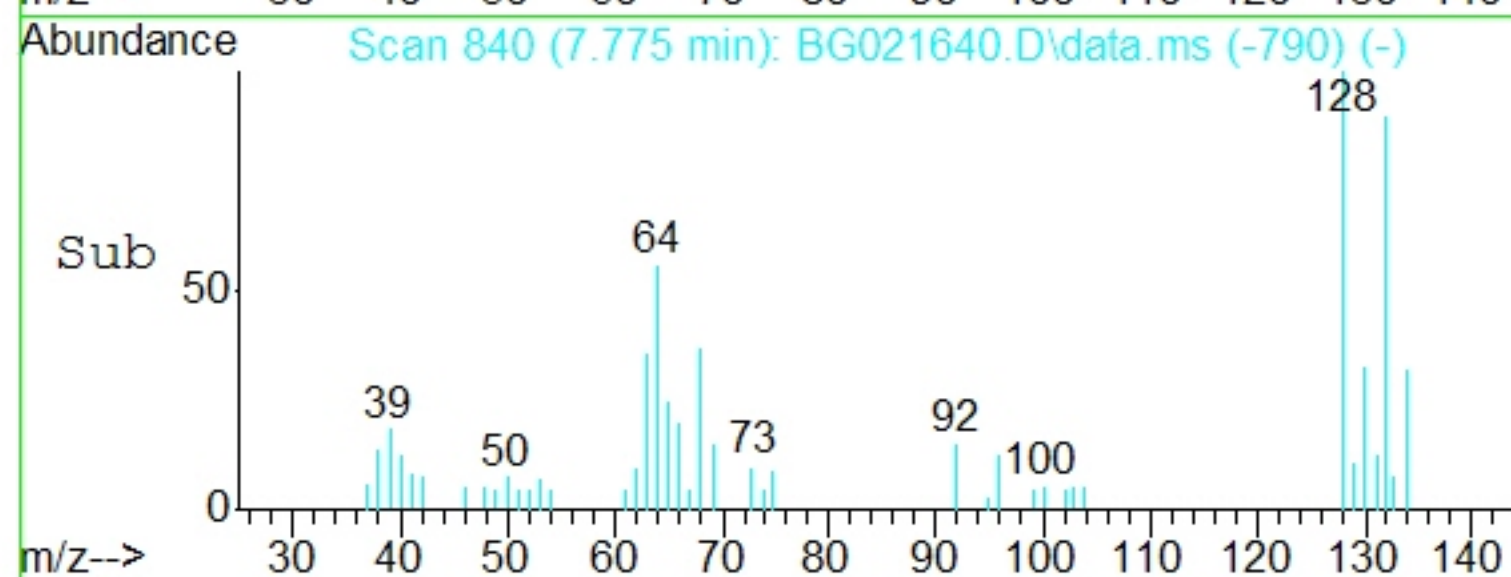
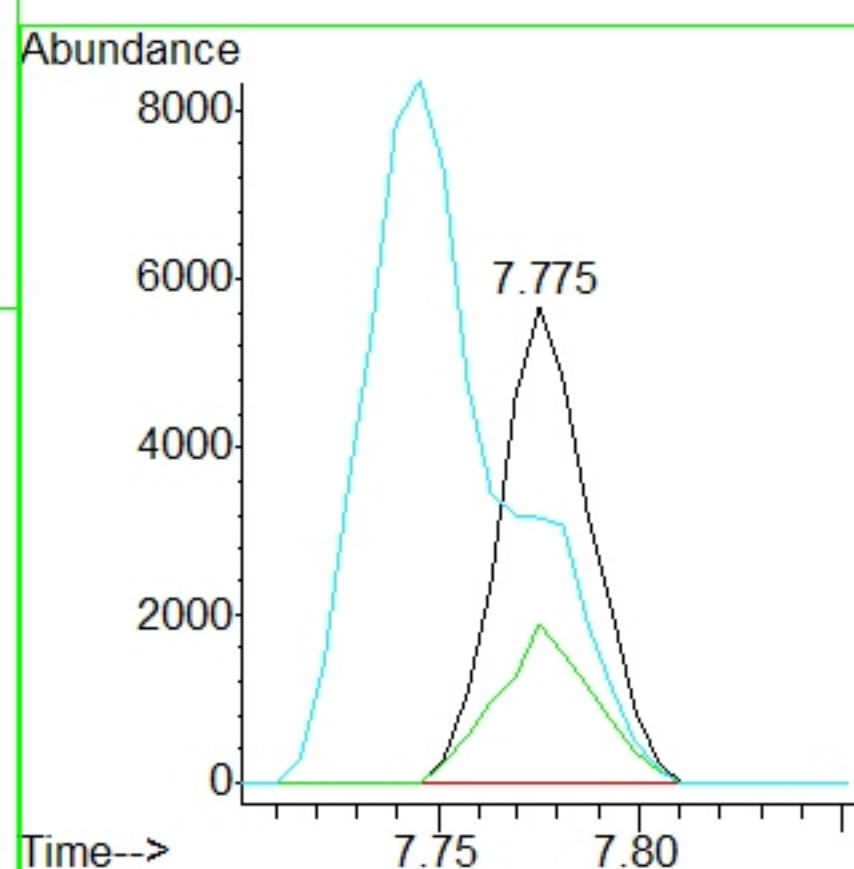
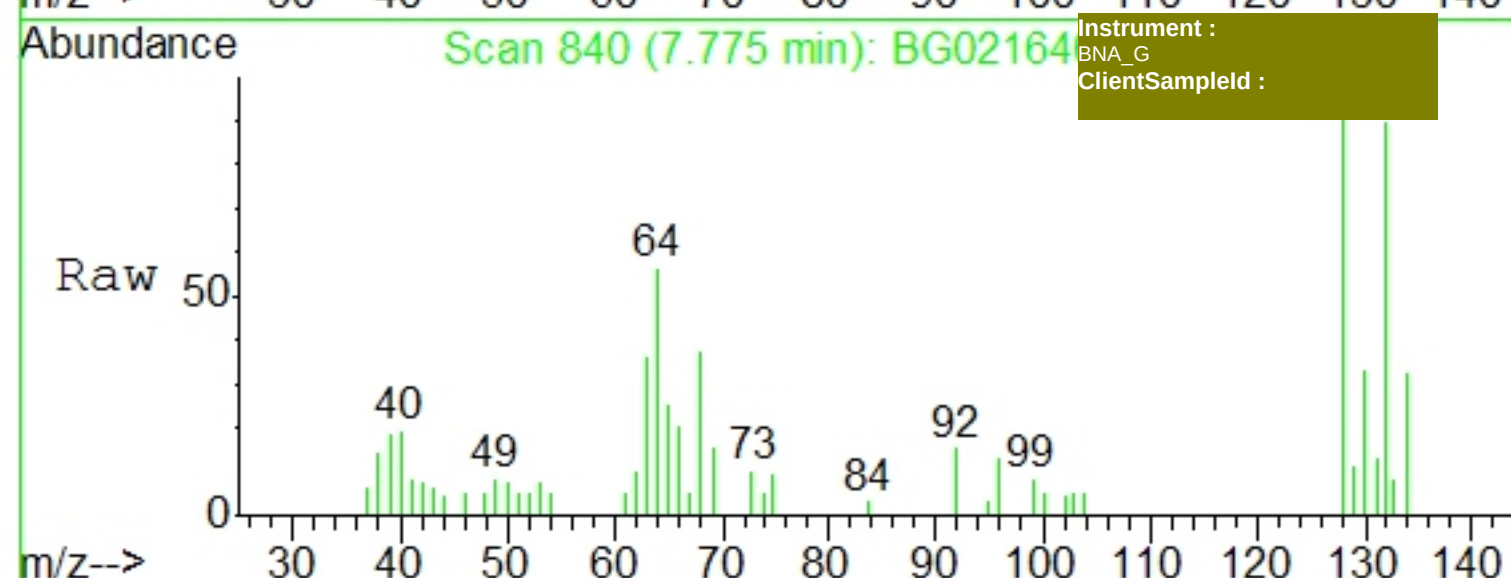
#7  
Phenol-d6  
Concen: 142.44 ng  
RT: 7.358 min Scan# 769  
Delta R.T. 0.000 min  
Lab File: BG021640.D  
Acq: 14 Apr 2016 4:58

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 99    | Resp: | 371342 |
| Ion      | Ratio | Lower | Upper  |
| 99       | 100   |       |        |
| 42       | 20.5  | 16.4  | 24.6   |
| 71       | 33.5  | 25.0  | 37.4   |

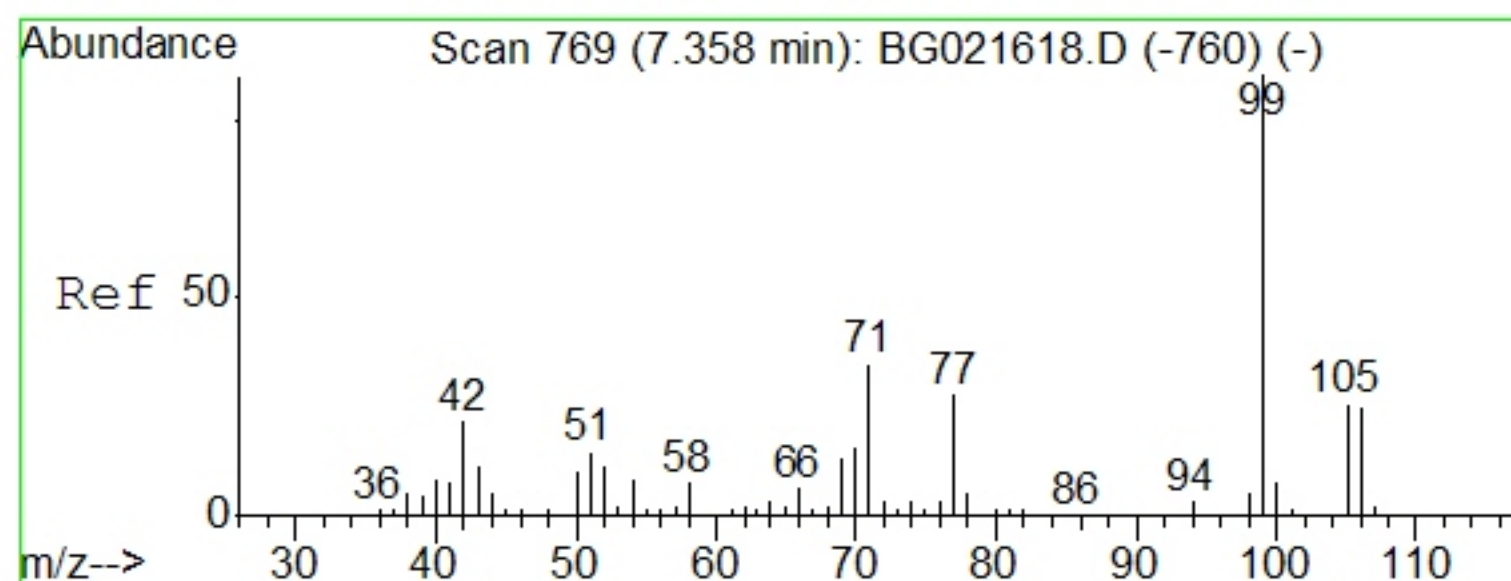


#8  
2-Chlorophenol  
Concen: 4.27 ng  
RT: 7.775 min Scan# 840  
Delta R.T. -0.006 min  
Lab File: BG021640.D  
Acq: 14 Apr 2016 4:58

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 128   | Resp: | 8931  |
| Ion      | Ratio | Lower | Upper |
| 128      | 100   |       |       |
| 130      | 33.3  | 11.2  | 51.2  |
| 64       | 56.0  | 39.8  | 79.8  |

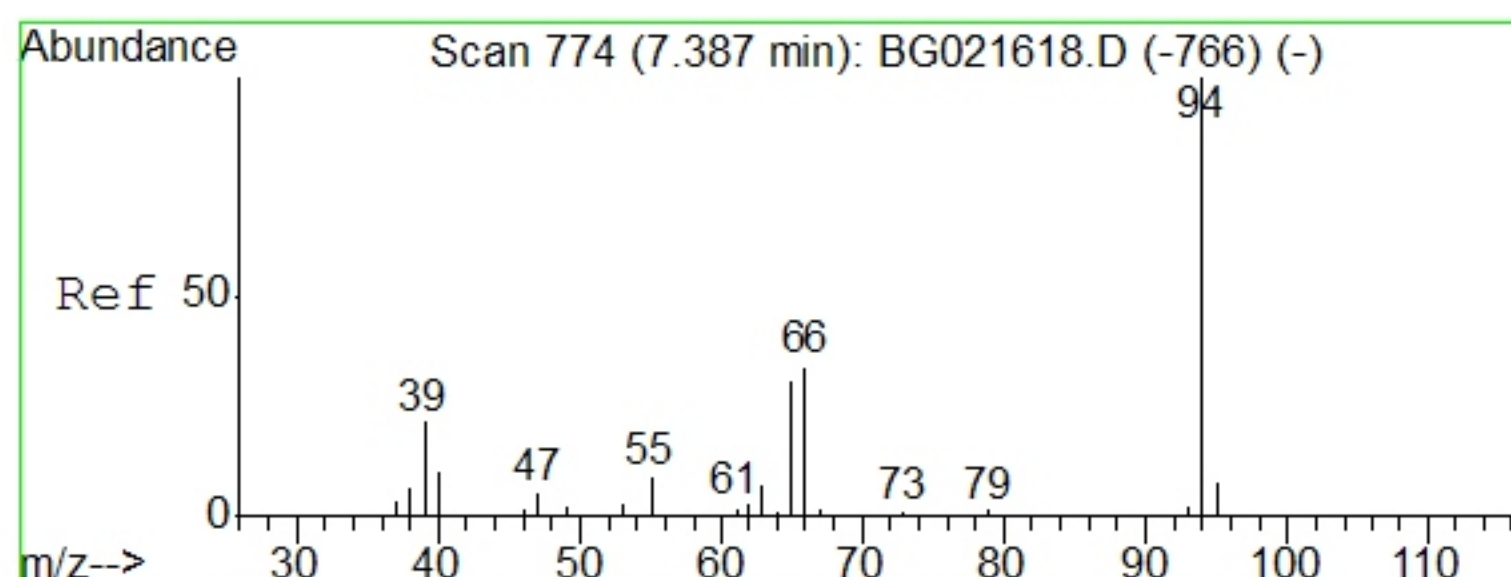
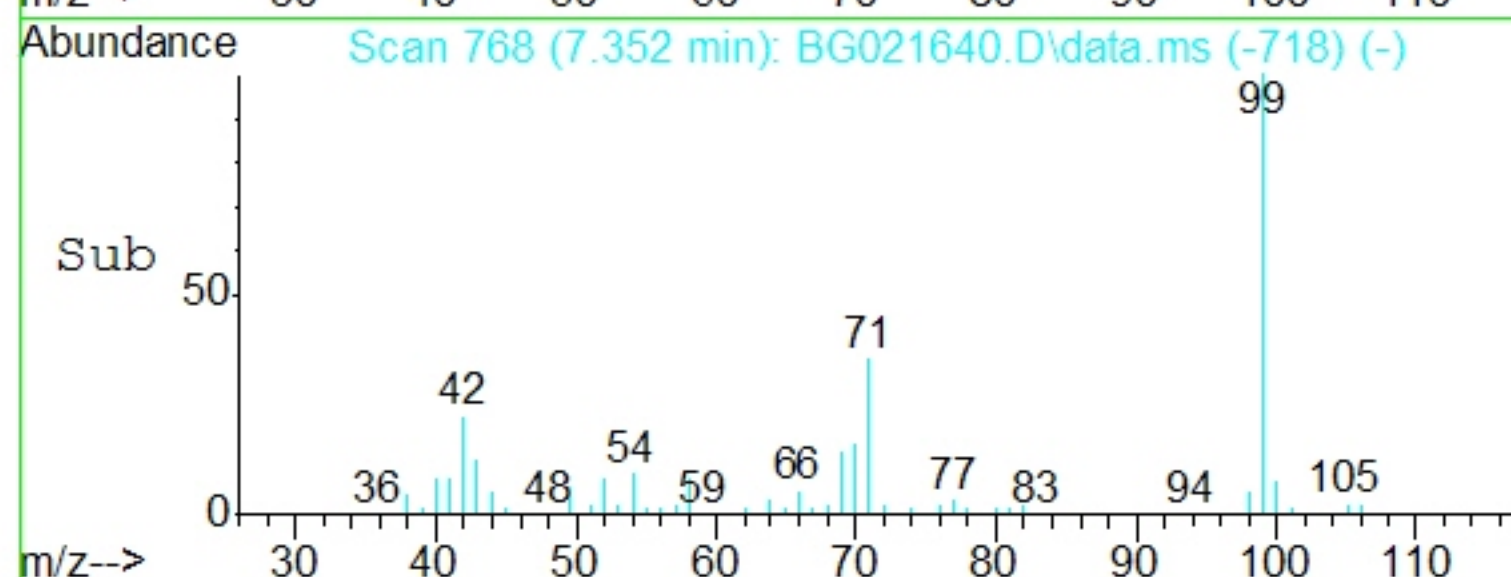
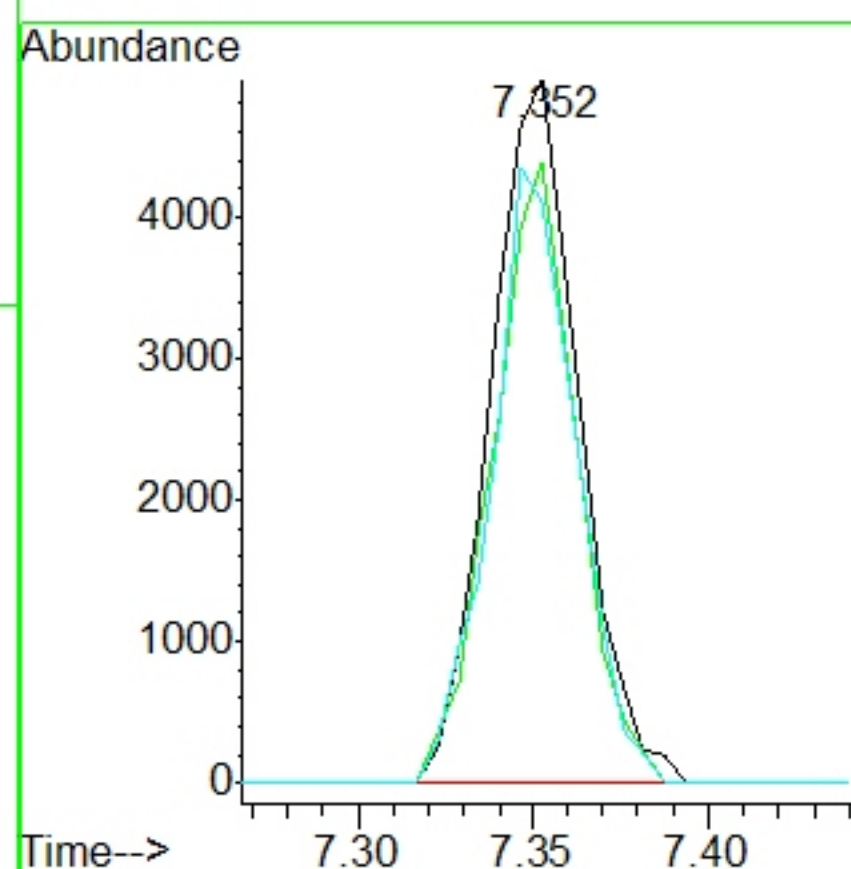
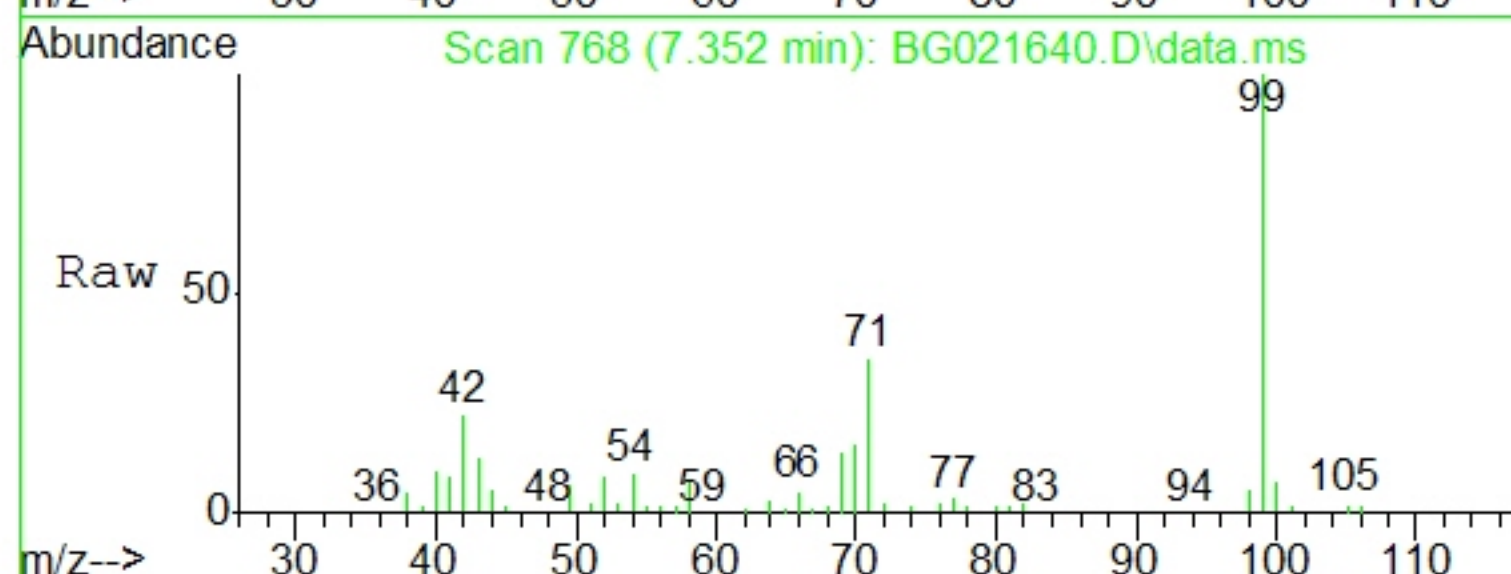






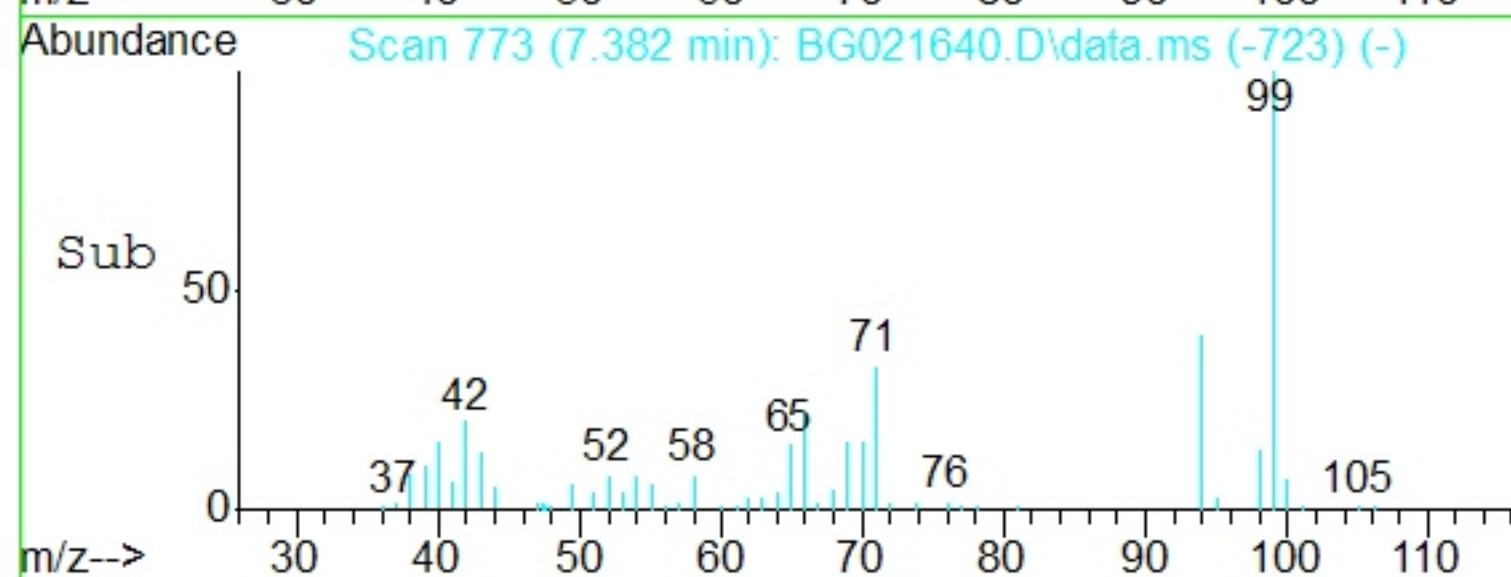
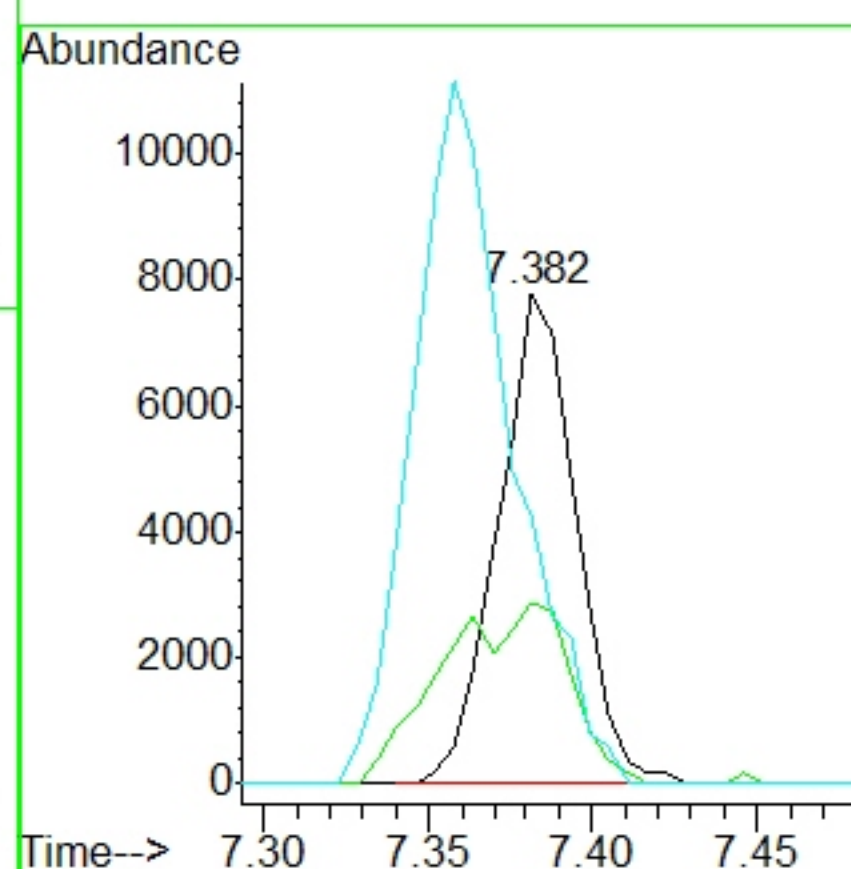
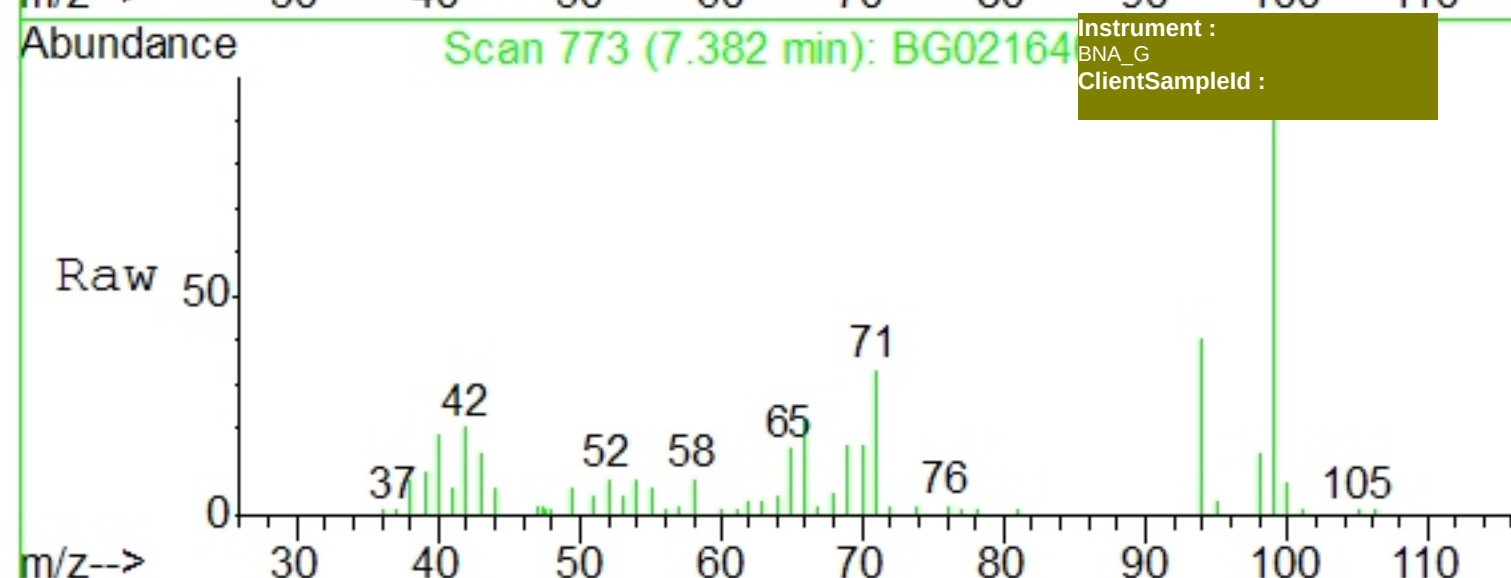
#9  
Benzaldehyde  
Concen: 5.83 ng  
RT: 7.352 min Scan# 768  
Delta R.T. -0.006 min  
Lab File: BG021640.D  
Acq: 14 Apr 2016 4:58

Tgt Ion: 77 Resp: 8785  
Ion Ratio Lower Upper  
77 100  
105 88.4 62.1 102.1  
106 82.7 65.6 105.6

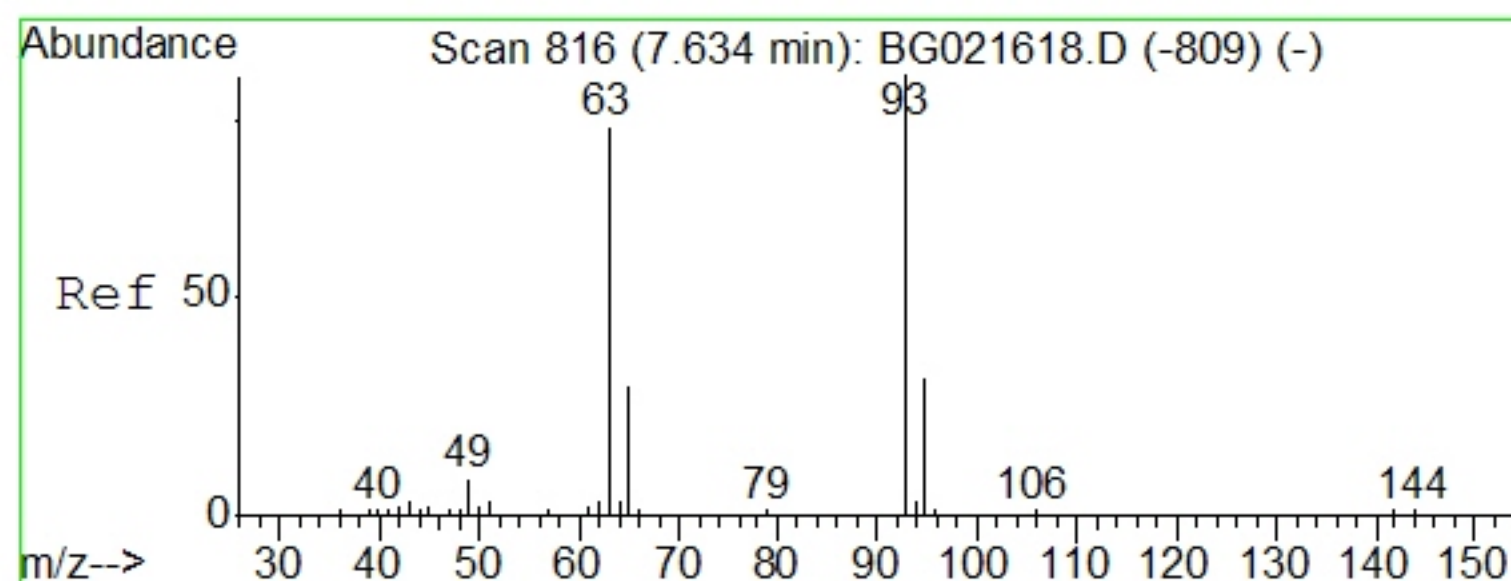


#10  
Phenol  
Concen: 4.53 ng  
RT: 7.382 min Scan# 773  
Delta R.T. -0.006 min  
Lab File: BG021640.D  
Acq: 14 Apr 2016 4:58

Tgt Ion: 94 Resp: 12708  
Ion Ratio Lower Upper  
94 100  
65 36.8 9.8 49.8  
66 55.1 20.8 60.8

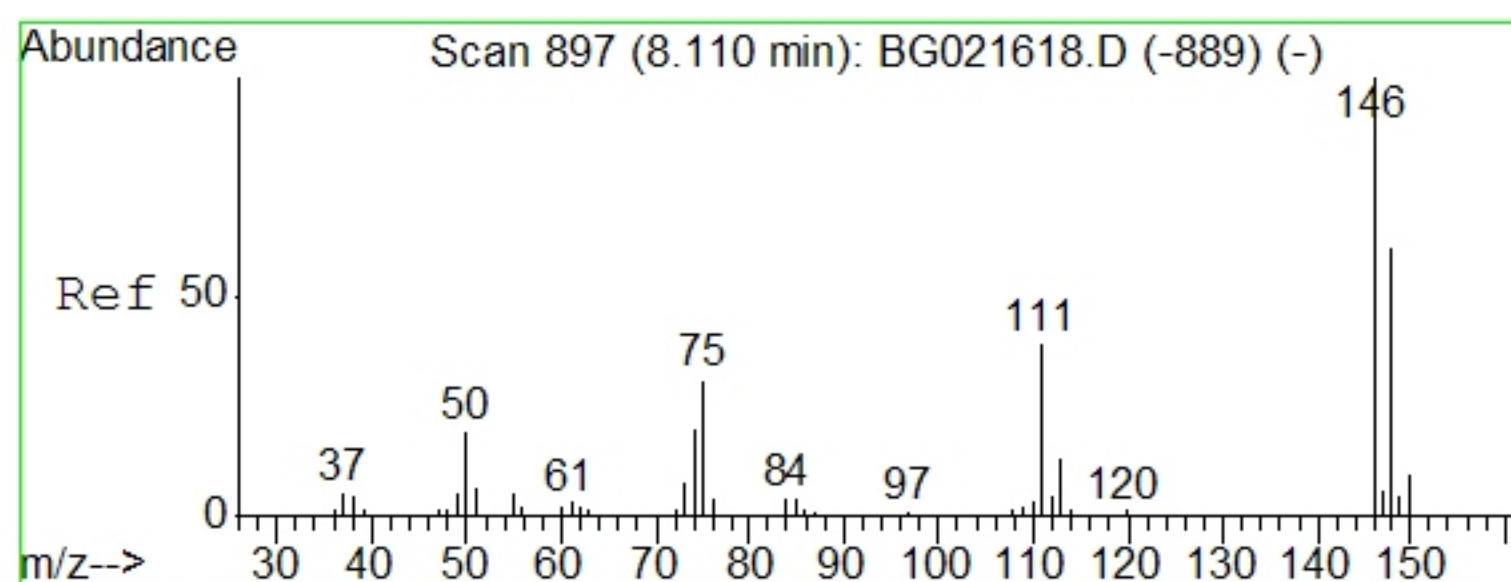
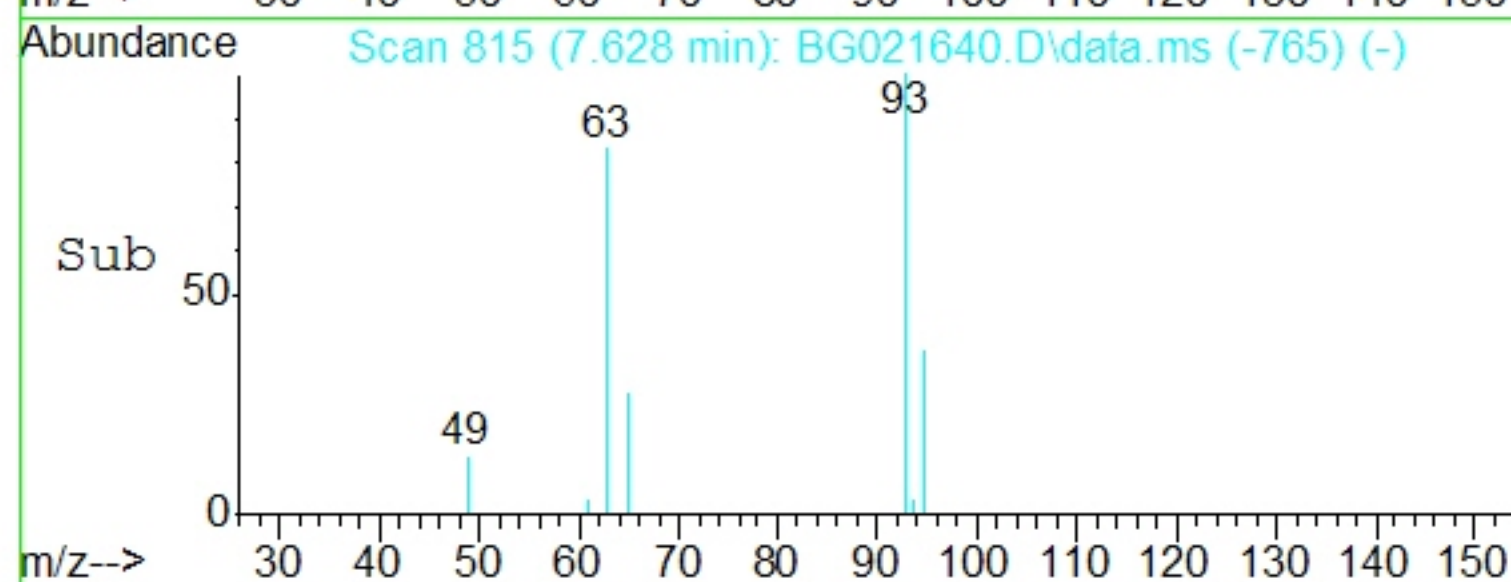
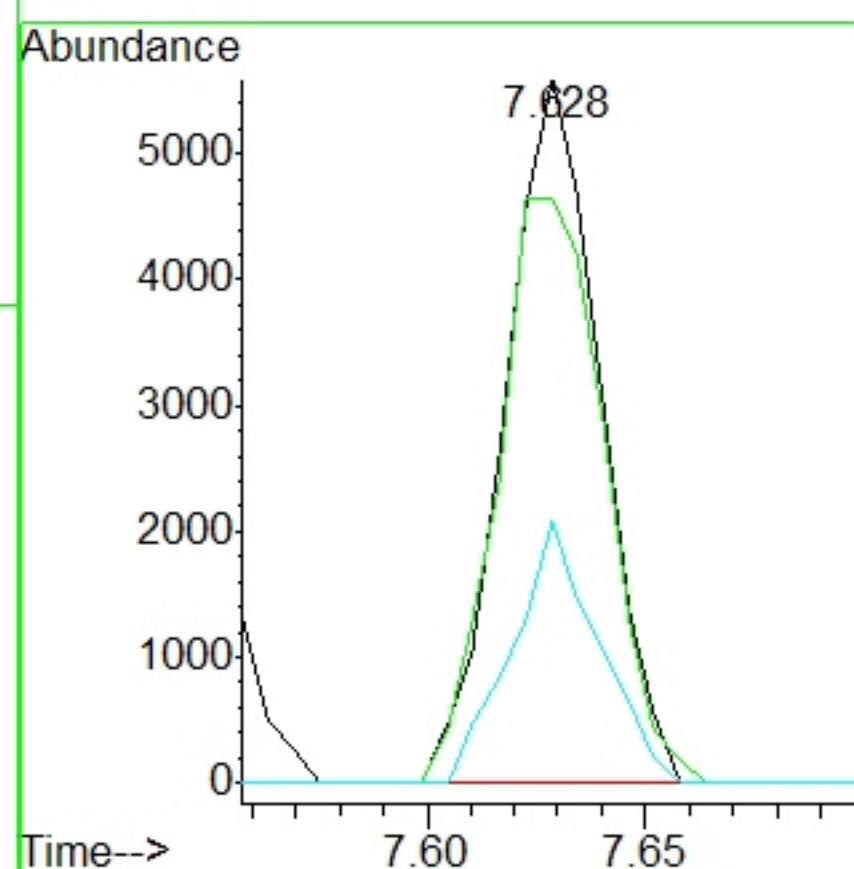
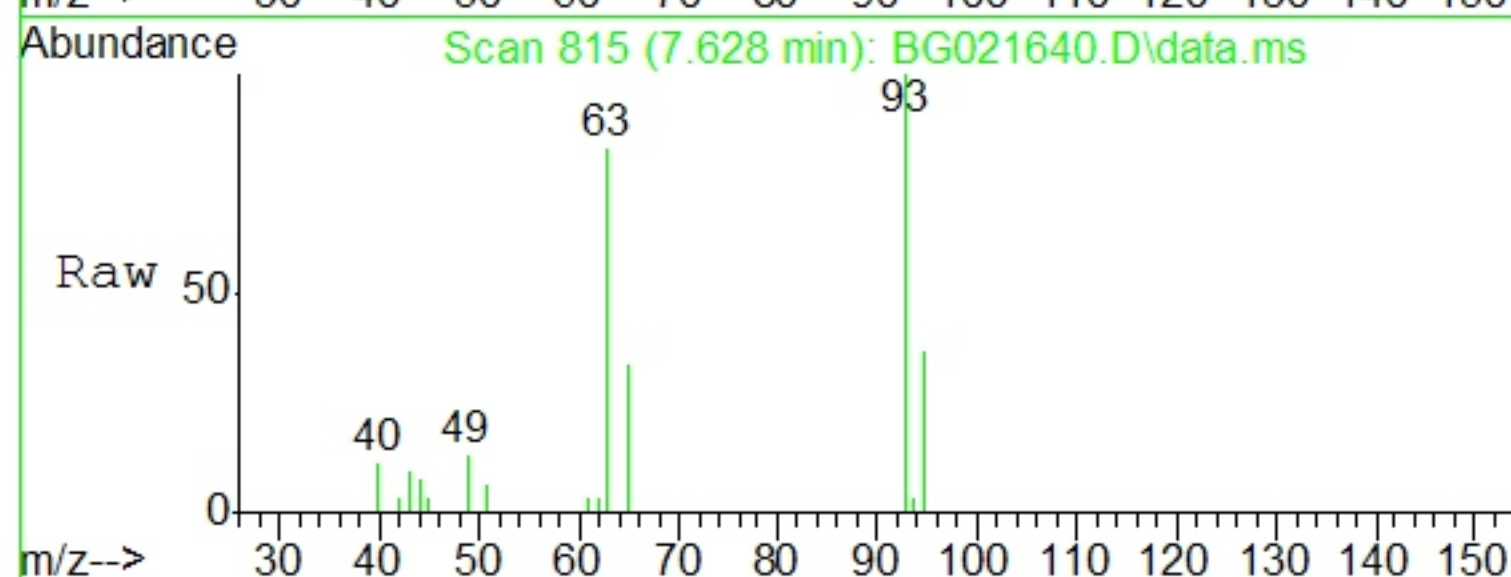






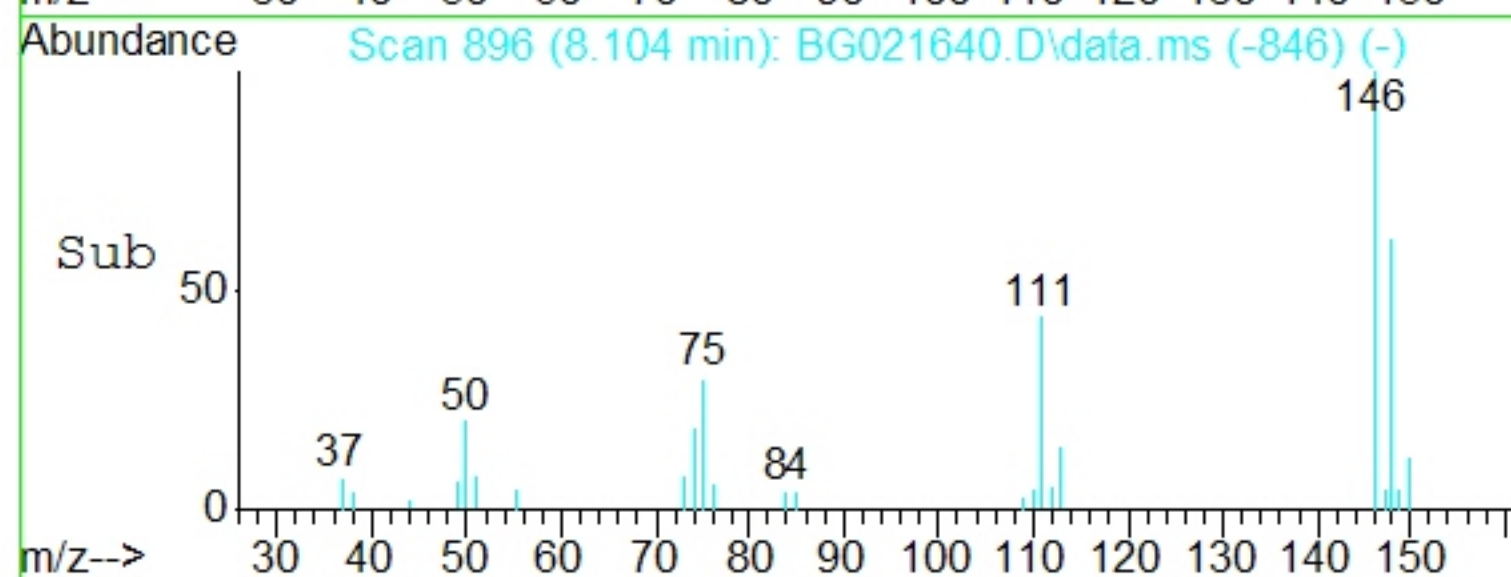
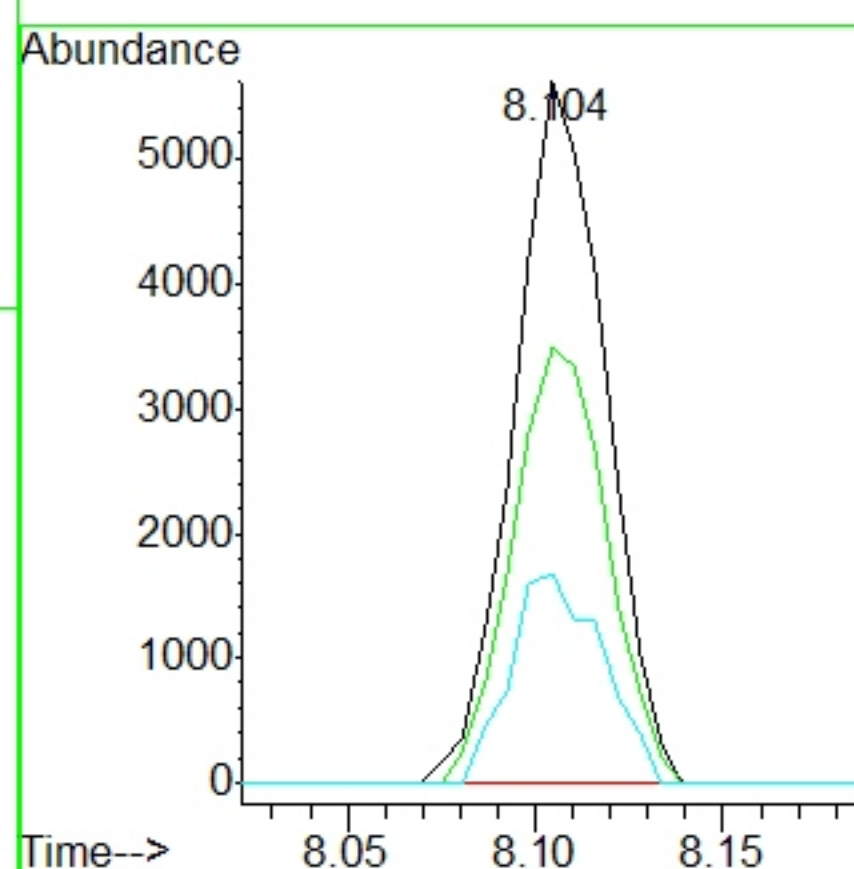
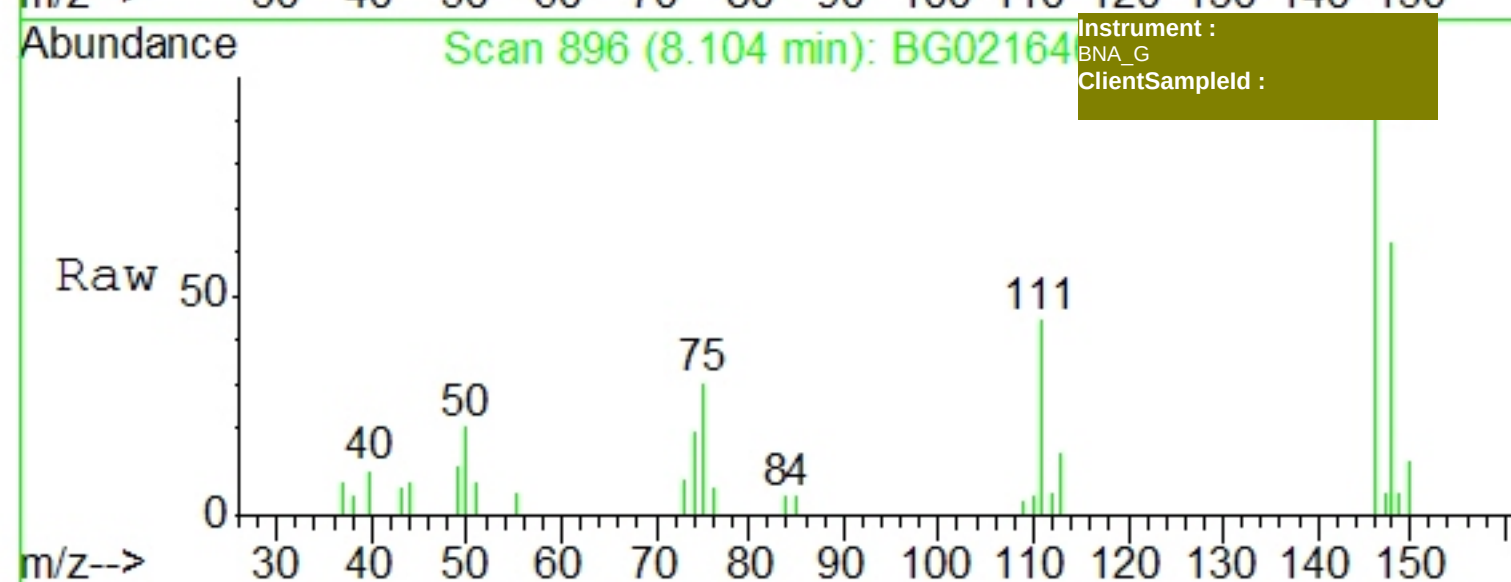
#11  
bis(2-Chloroethyl)ether  
Concen: 3.77 ng  
RT: 7.628 min Scan# 815  
Delta R.T. -0.006 min  
Lab File: BG021640.D  
Acq: 14 Apr 2016 4:58

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 93      | 100   |       |       |
| 63      | 83.1  | 74.9  | 114.9 |
| 95      | 37.0  | 8.3   | 48.3  |

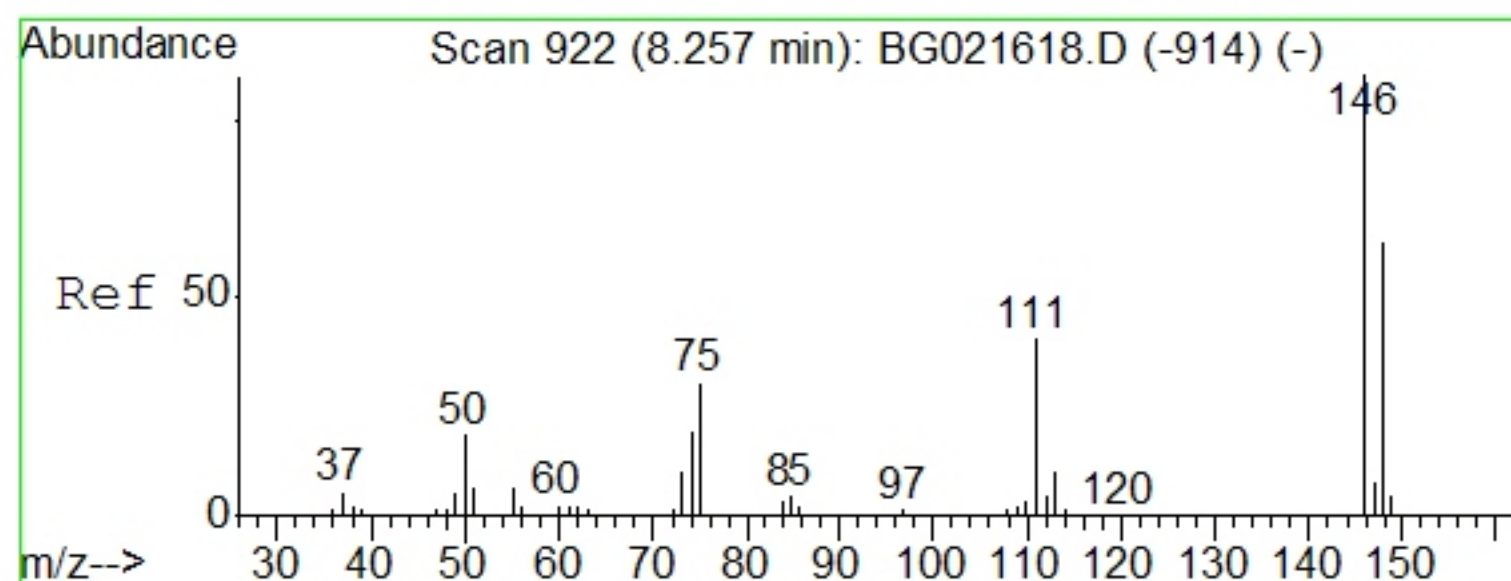


#12  
1,3-Dichlorobenzene  
Concen: 4.05 ng  
RT: 8.104 min Scan# 896  
Delta R.T. -0.006 min  
Lab File: BG021640.D  
Acq: 14 Apr 2016 4:58

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 146     | 100   |       |       |
| 148     | 62.3  | 53.7  | 80.5  |
| 75      | 29.8  | 27.4  | 41.0  |

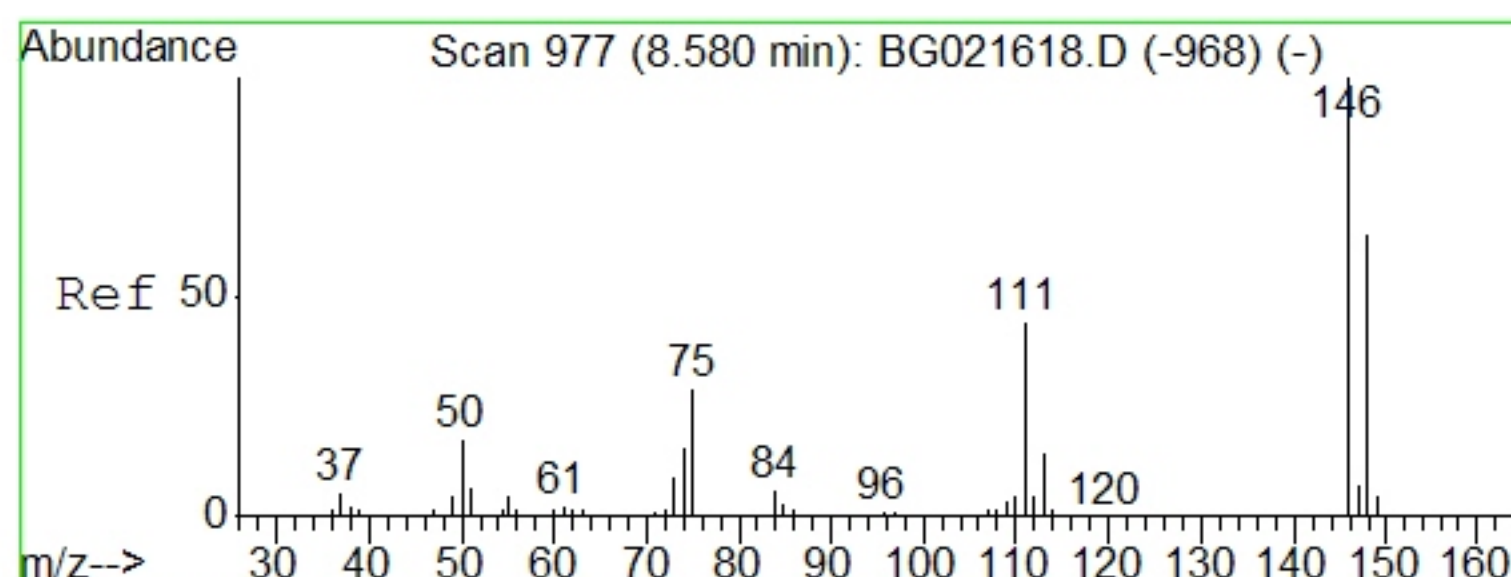
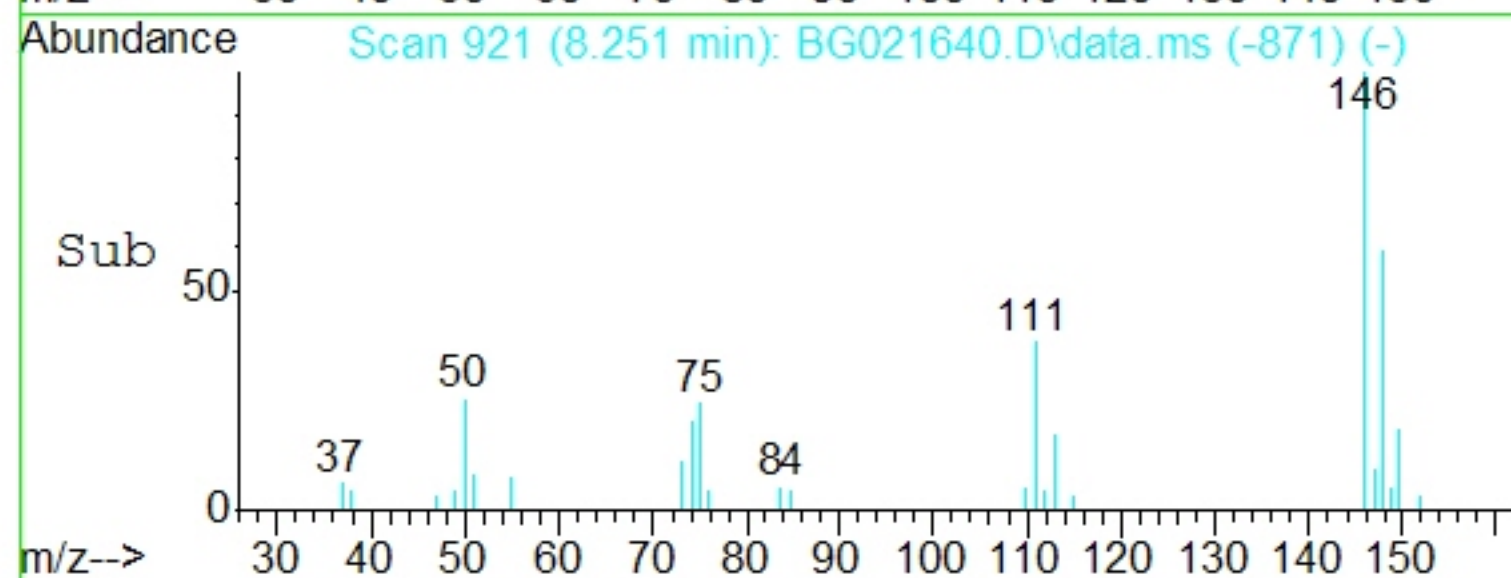
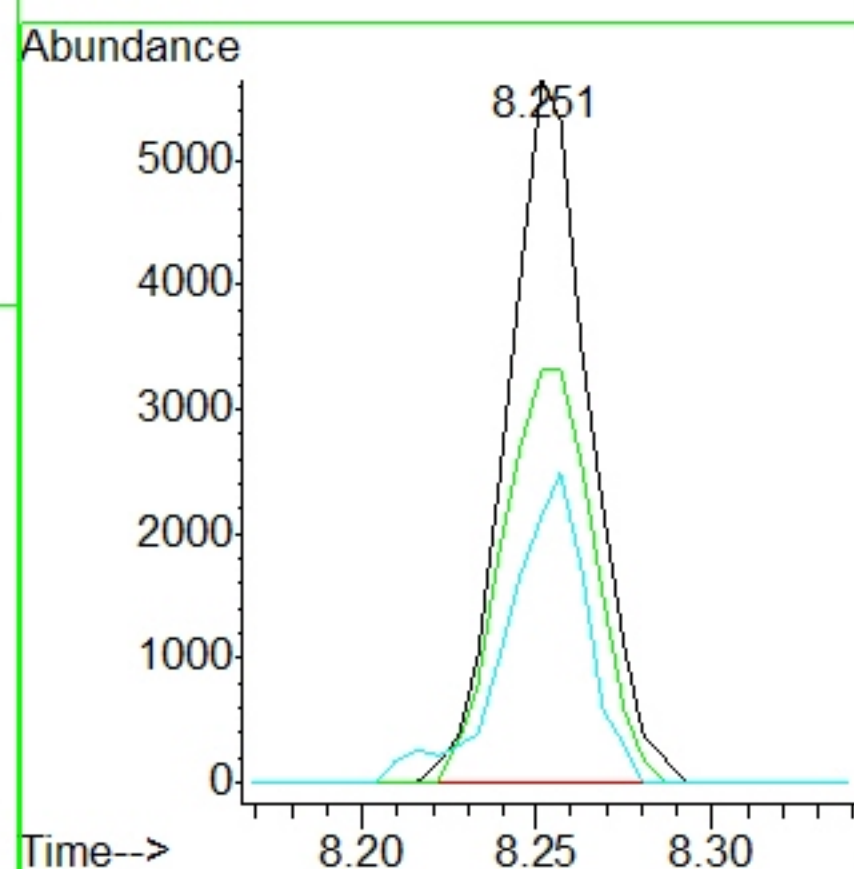
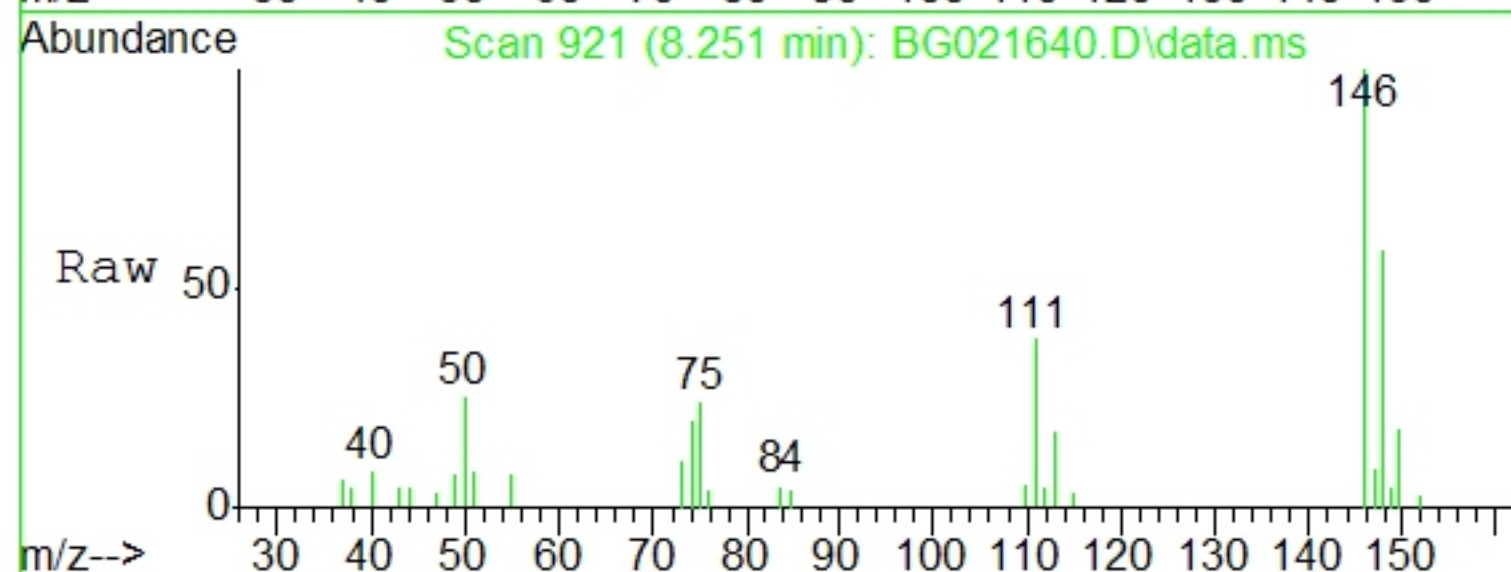






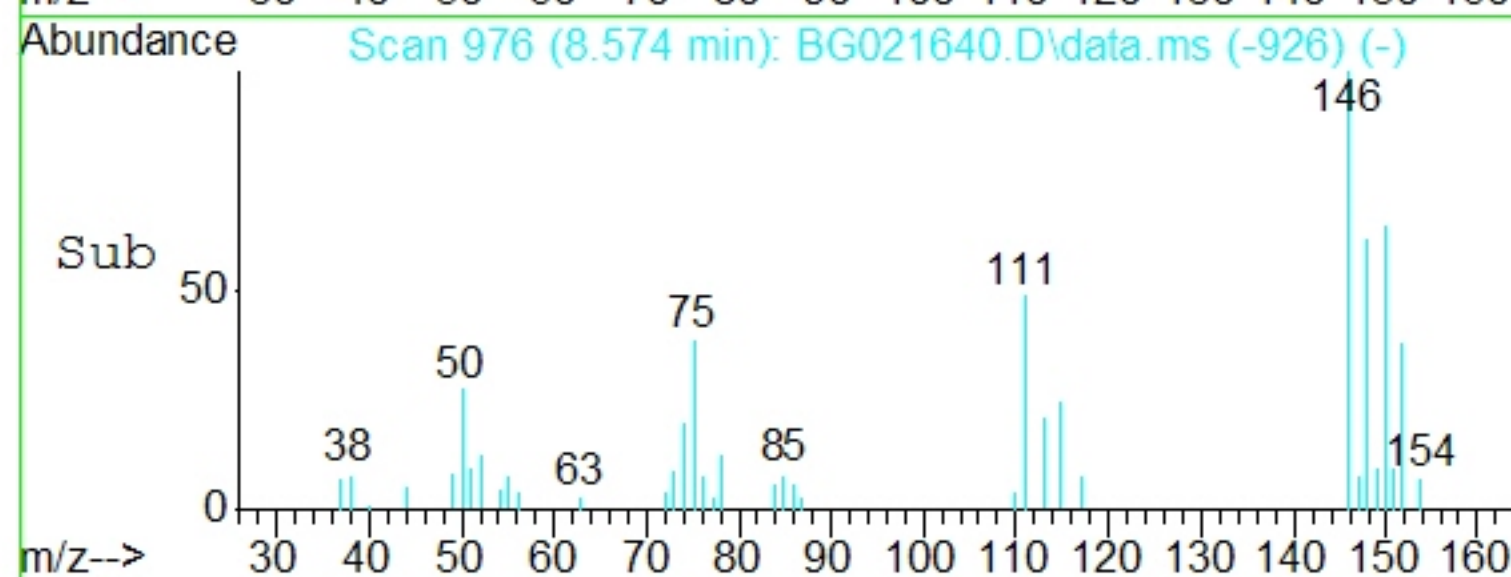
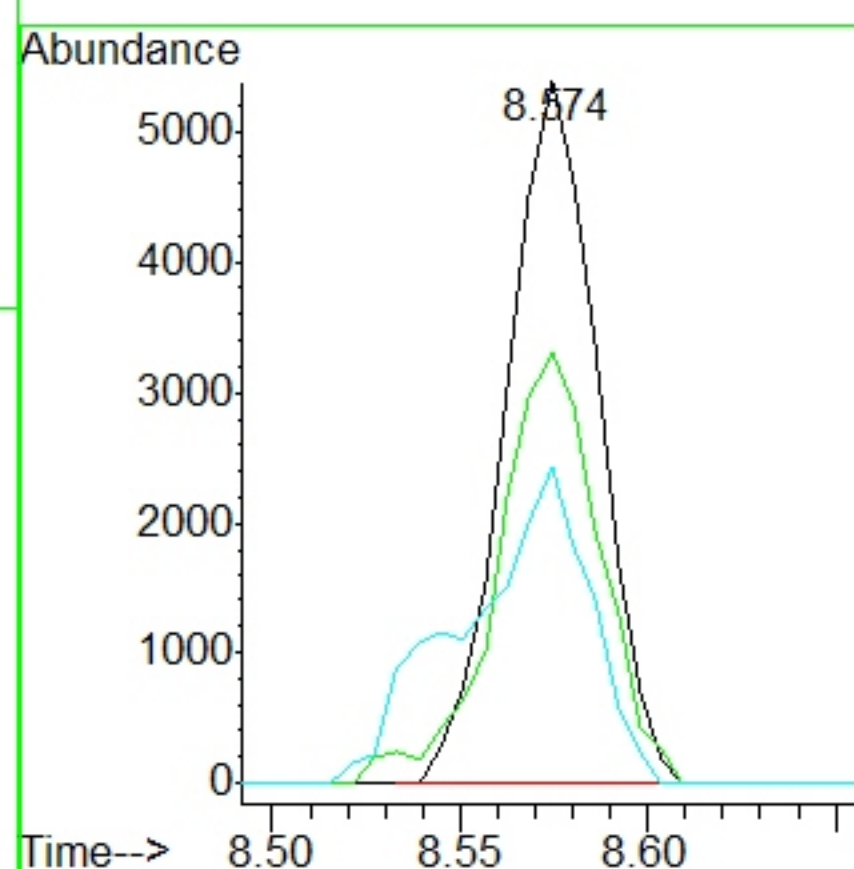
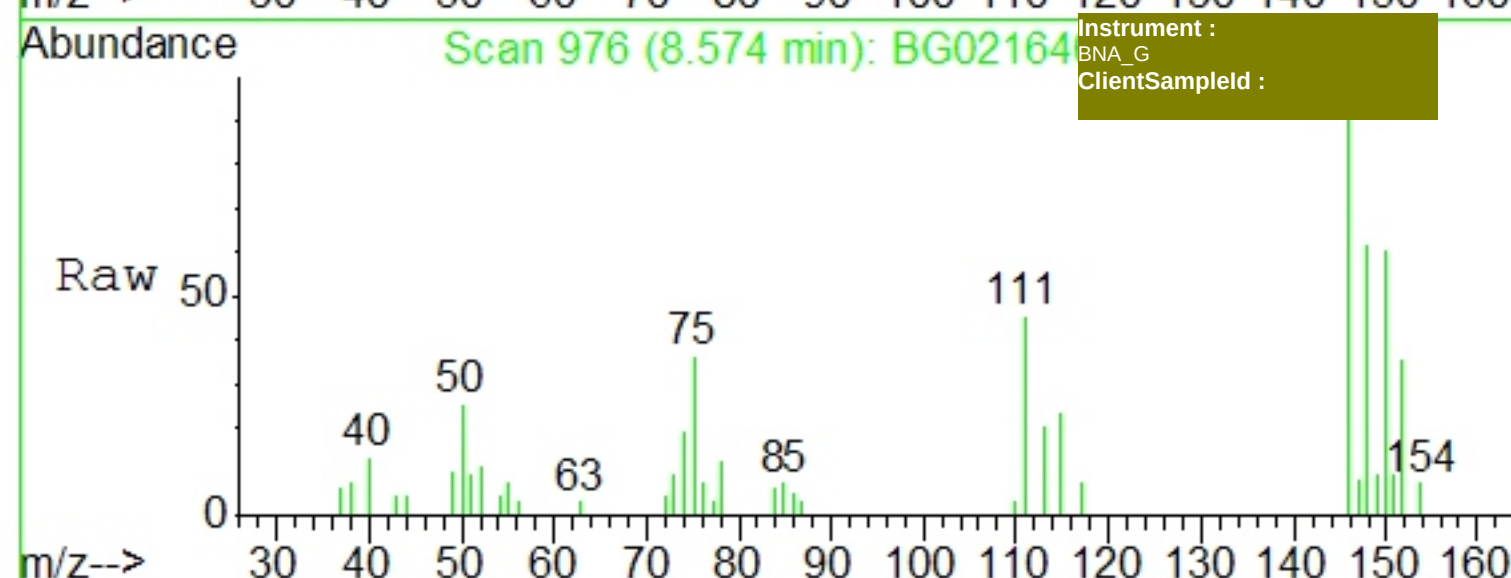
#13  
1,4-Dichlorobenzene  
Concen: 3.91 ng  
RT: 8.251 min Scan# 921  
Delta R.T. -0.006 min  
Lab File: BG021640.D  
Acq: 14 Apr 2016 4:58

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 146     | 100   |       |       |
| 148     | 58.9  | 46.7  | 70.1  |
| 111     | 38.0  | 33.0  | 49.6  |

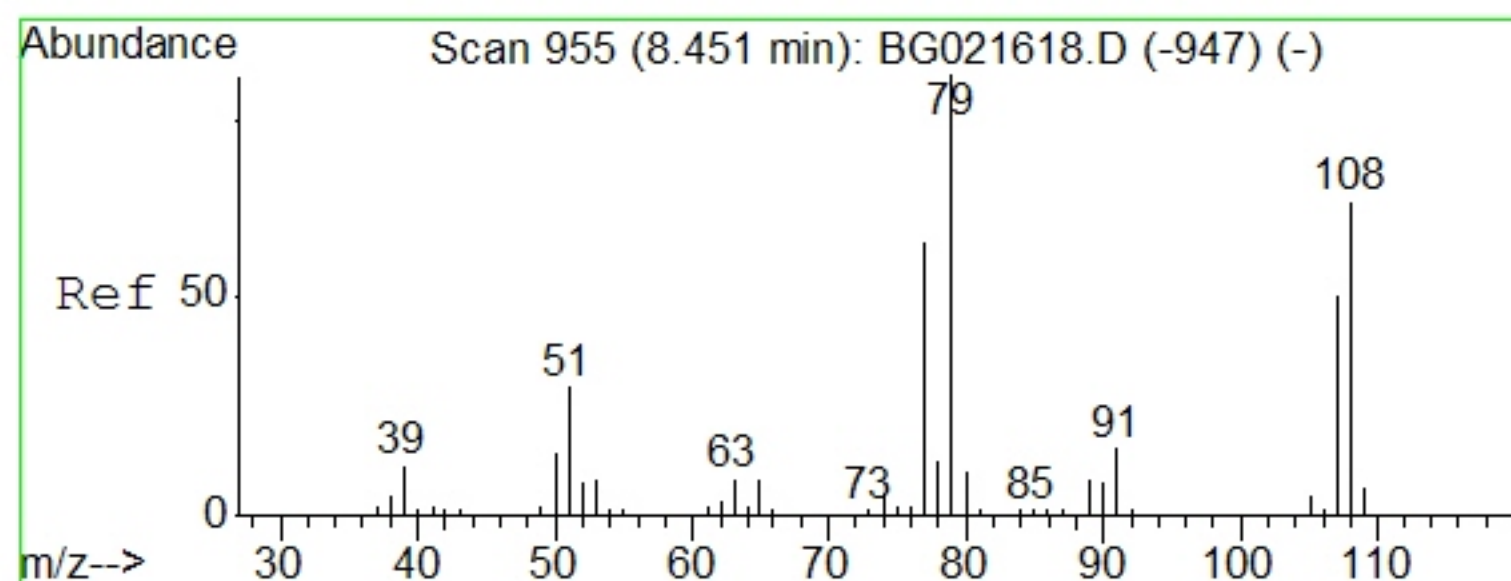


#14  
1,2-Dichlorobenzene  
Concen: 4.02 ng  
RT: 8.574 min Scan# 976  
Delta R.T. -0.006 min  
Lab File: BG021640.D  
Acq: 14 Apr 2016 4:58

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 146     | 100   |       |       |
| 148     | 61.4  | 52.6  | 79.0  |
| 111     | 45.2  | 36.1  | 54.1  |

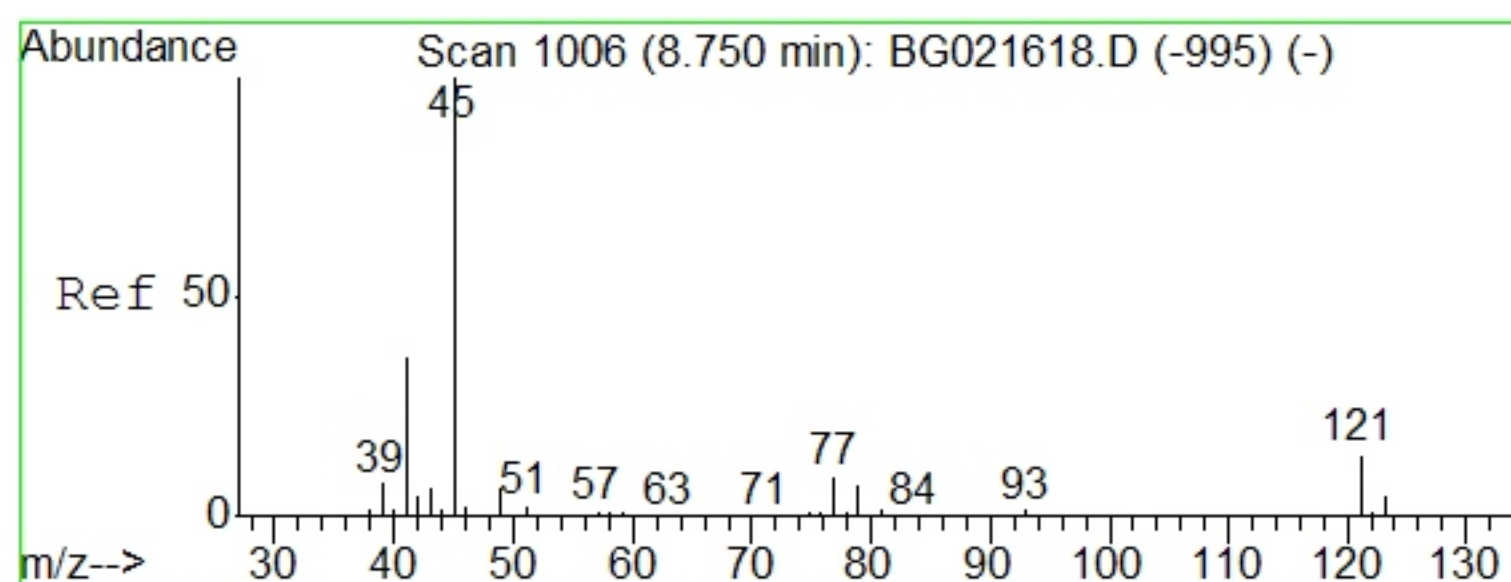
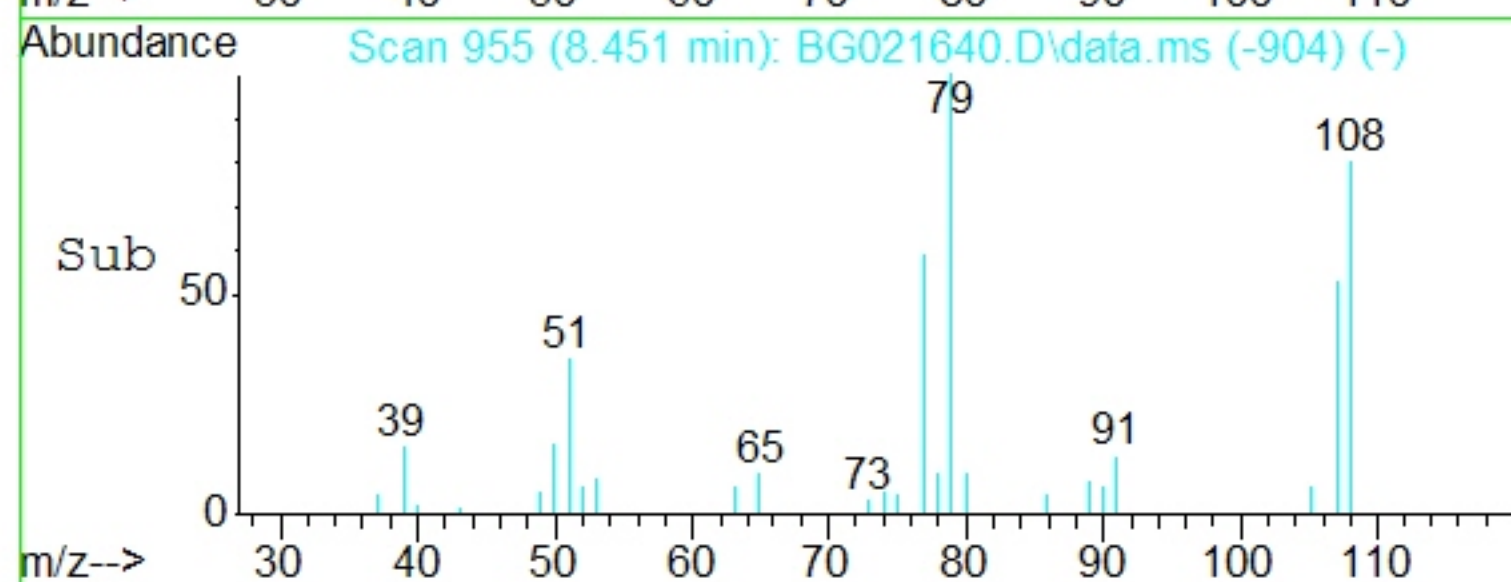
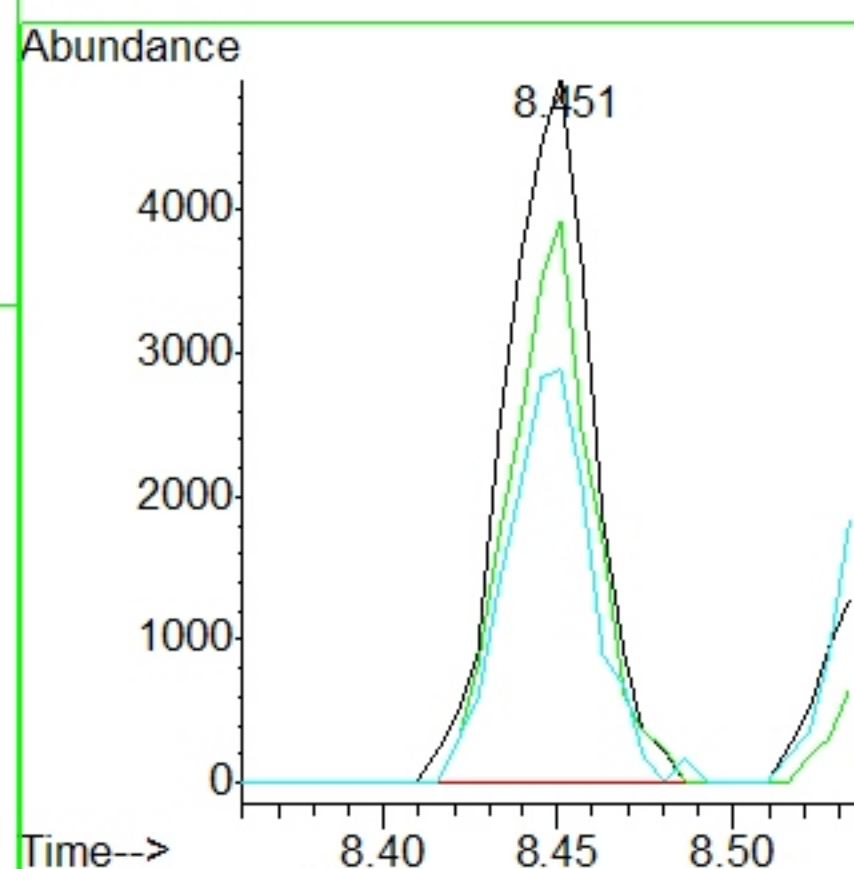
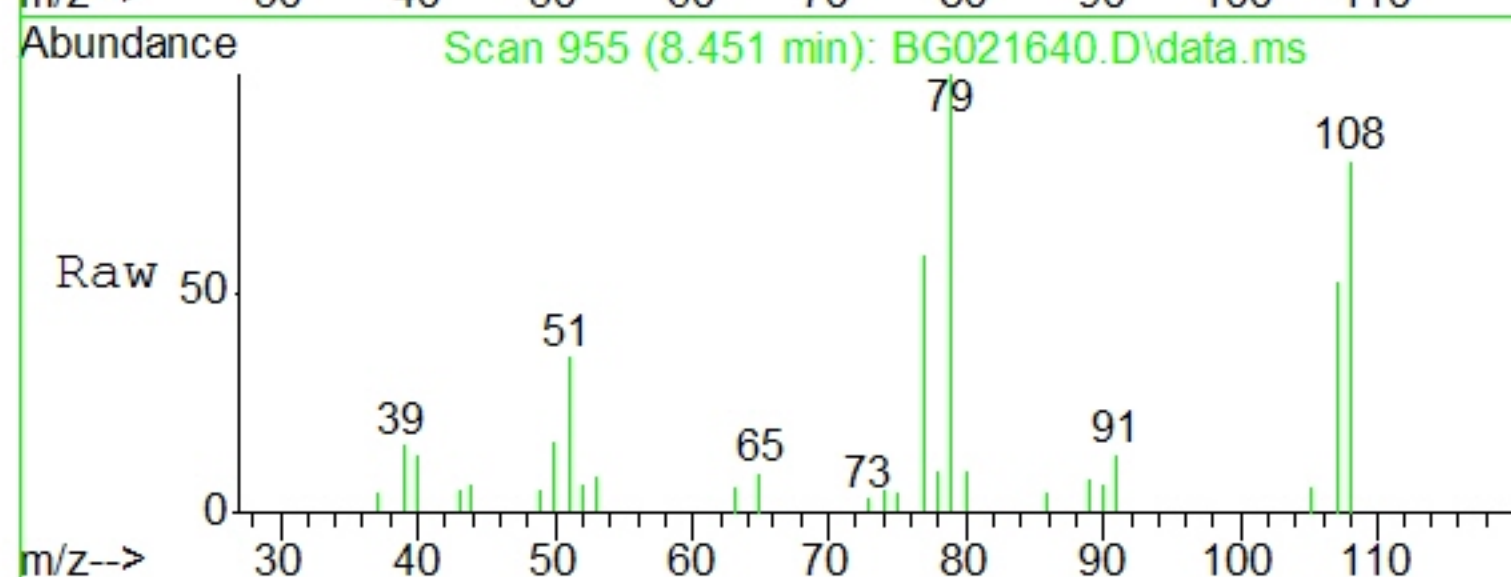






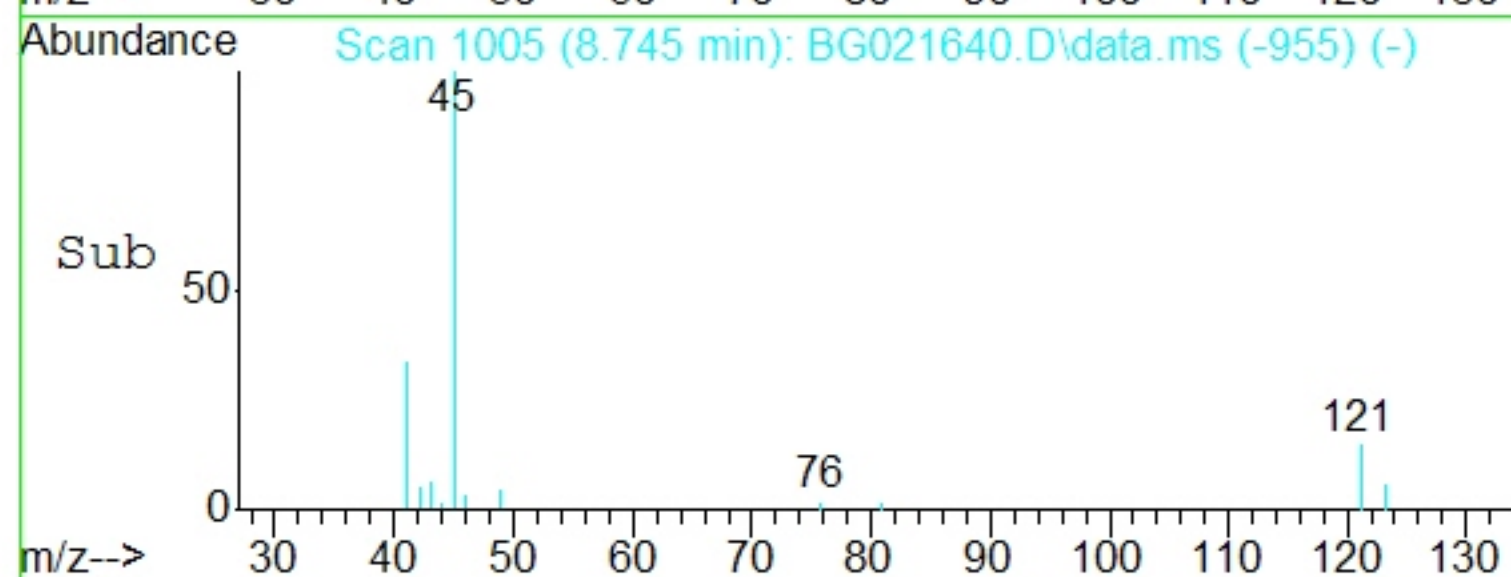
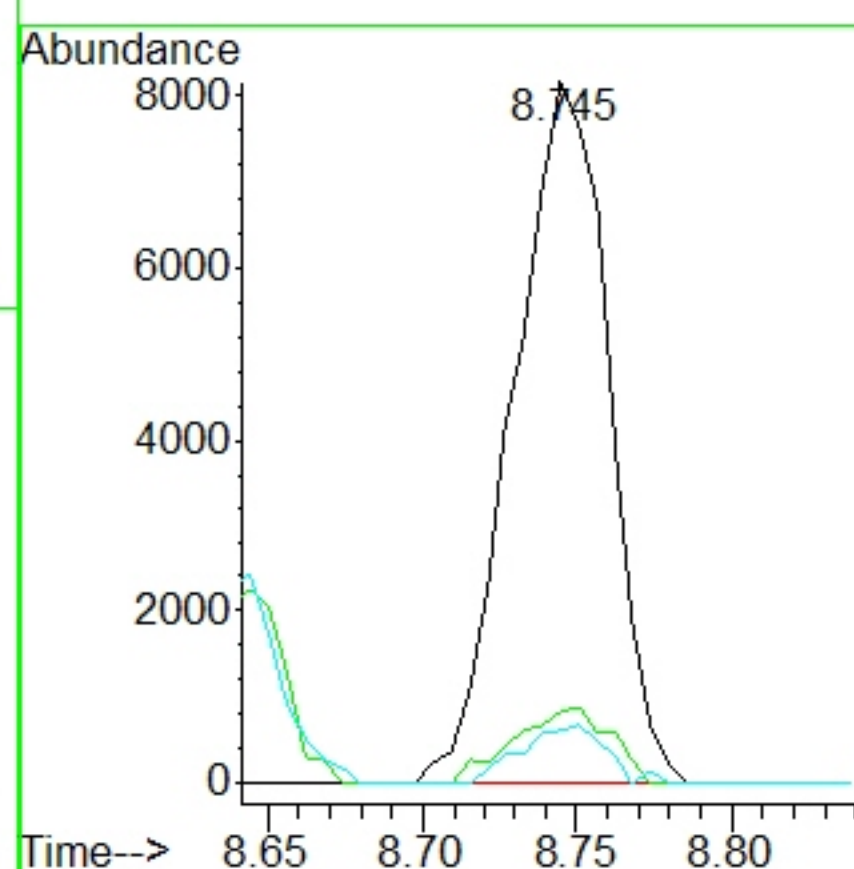
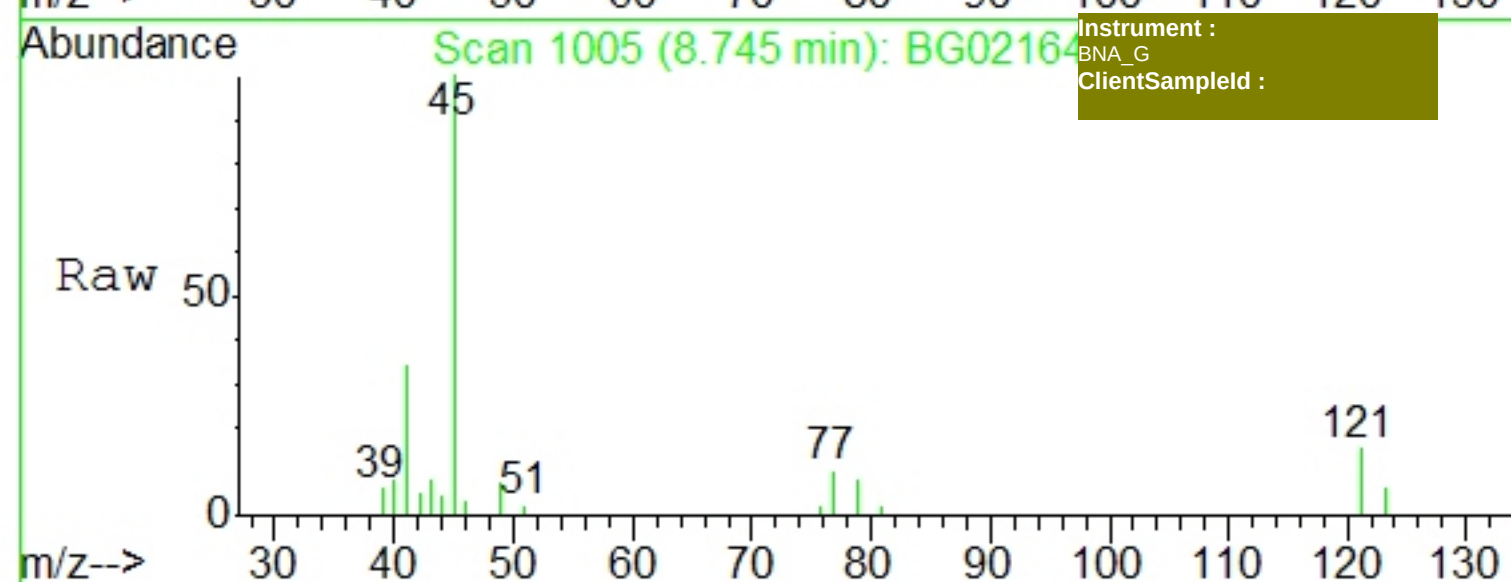
#15  
Benzyl Alcohol  
Concen: 4.27 ng  
RT: 8.451 min Scan# 955  
Delta R.T. 0.000 min  
Lab File: BG021640.D  
Acq: 14 Apr 2016 4:58

Tgt Ion: 79 Resp: 8515  
Ion Ratio Lower Upper  
79 100  
108 80.0 59.4 89.0  
77 58.8 52.2 78.2

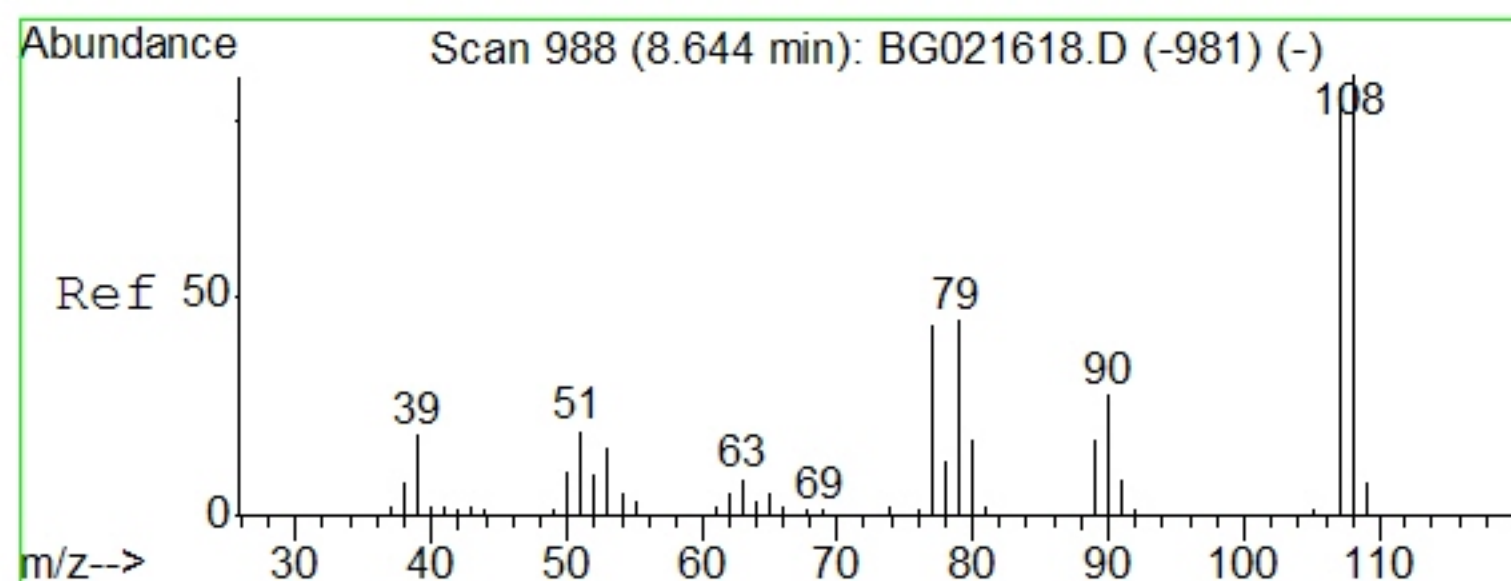


#16  
2,2'-oxybis(1-Chloropropane)  
Concen: 3.62 ng  
RT: 8.745 min Scan# 1005  
Delta R.T. -0.006 min  
Lab File: BG021640.D  
Acq: 14 Apr 2016 4:58

Tgt Ion: 45 Resp: 17381  
Ion Ratio Lower Upper  
45 100  
77 10.2 0.0 31.2  
79 7.5 0.0 29.0

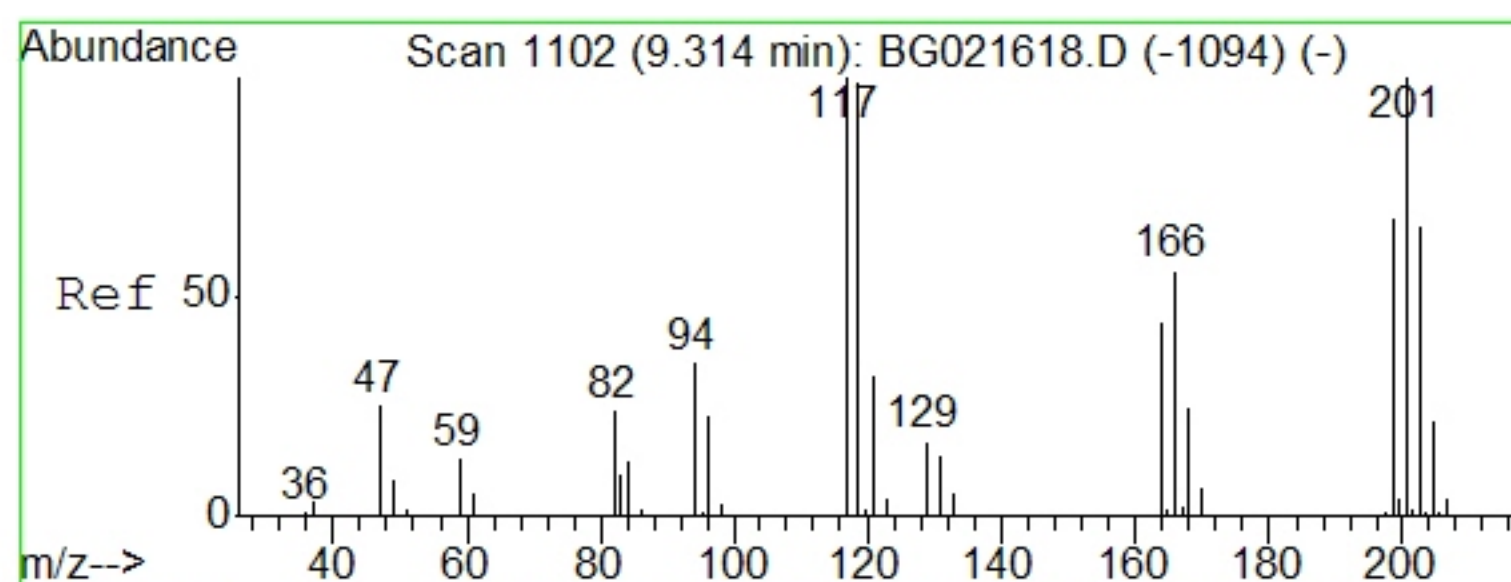
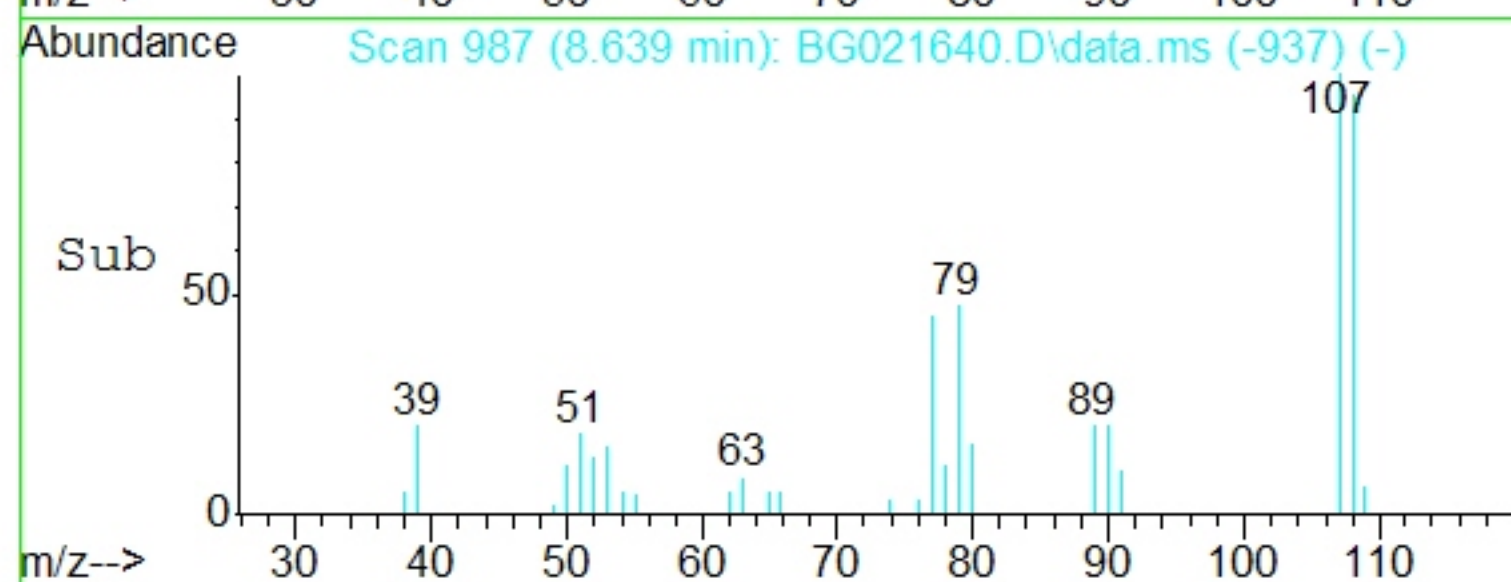
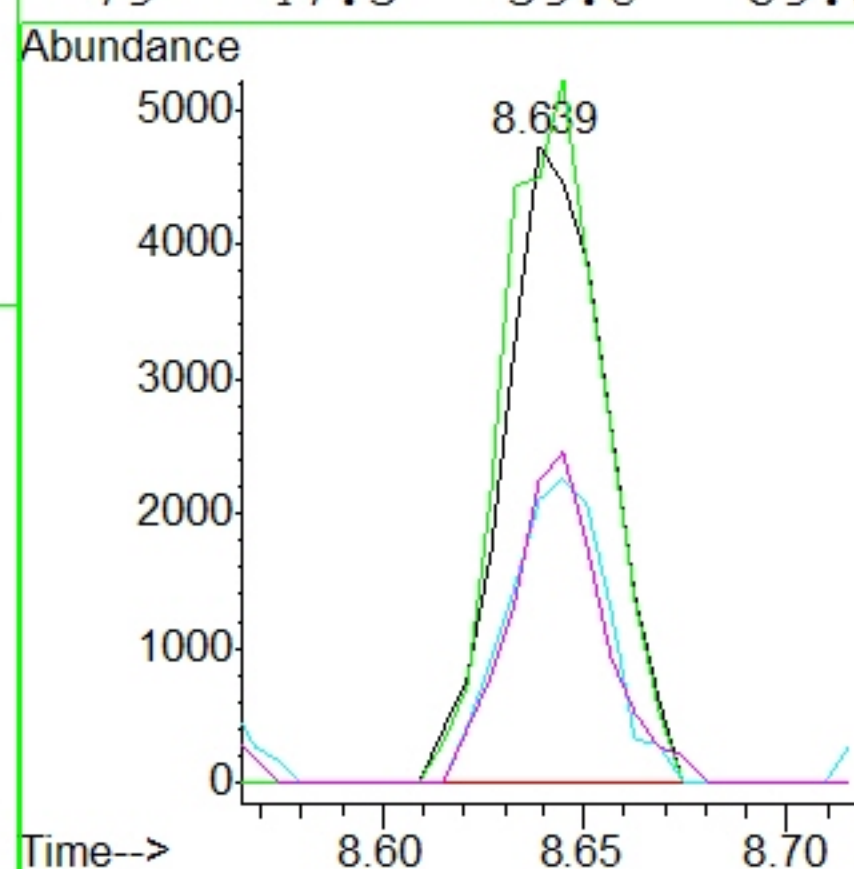
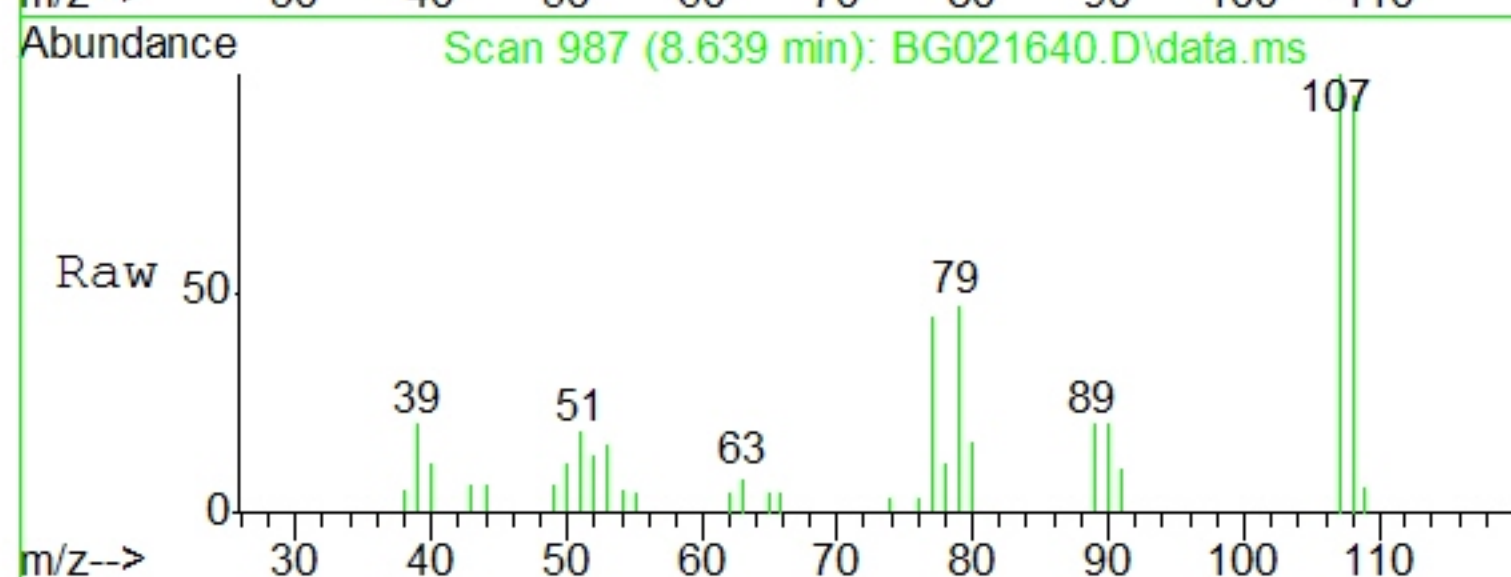






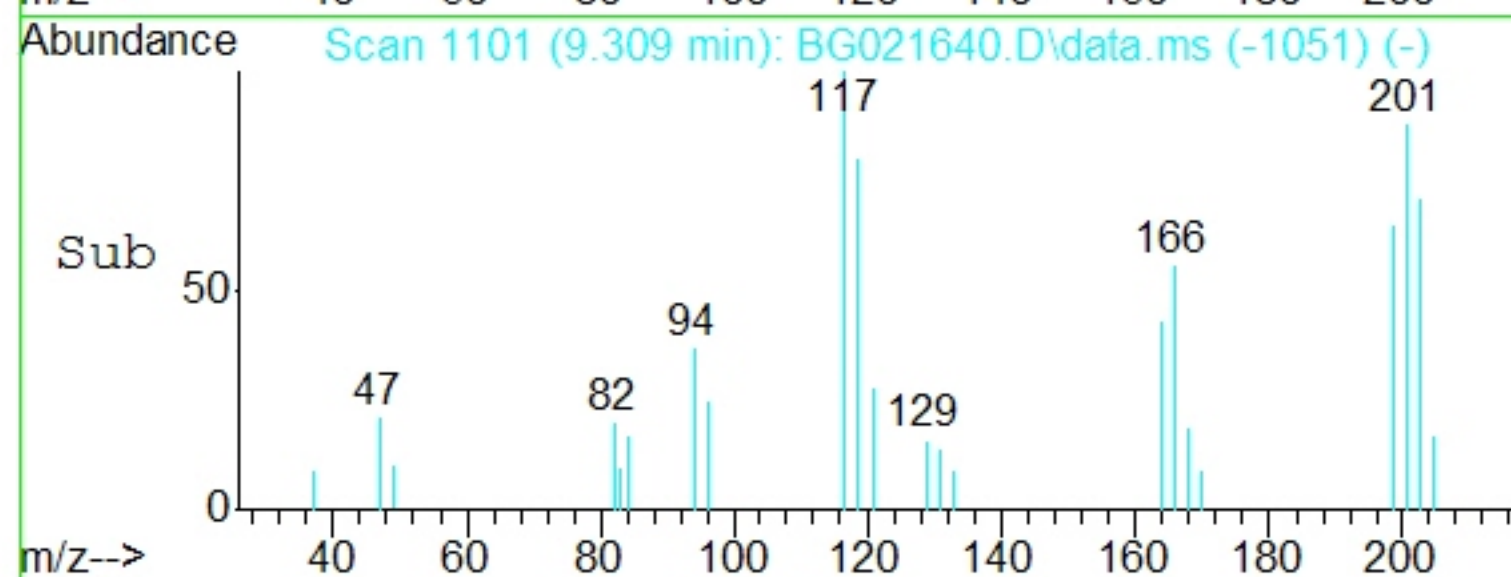
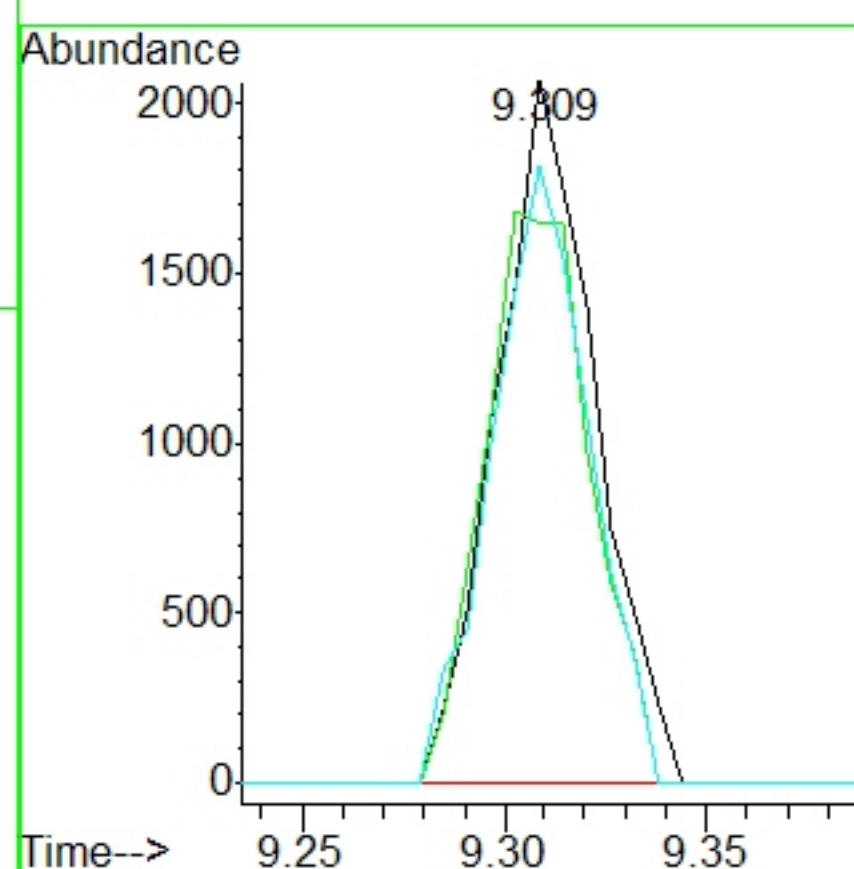
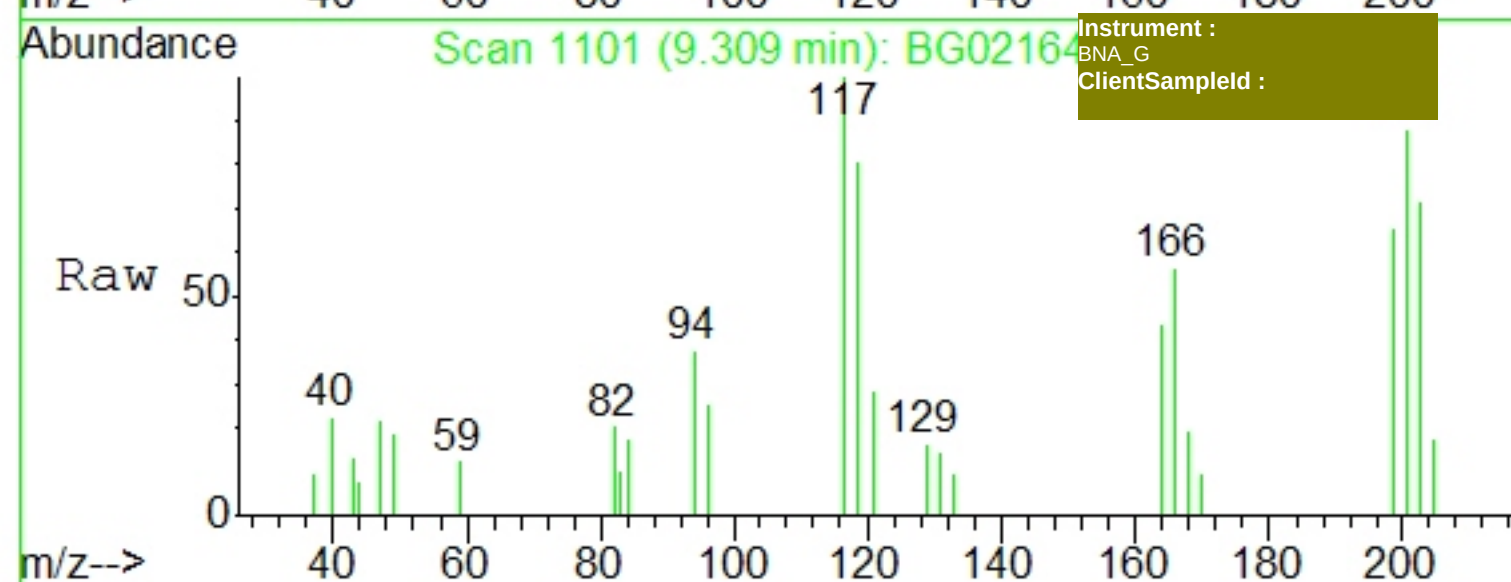
#17  
2-Methylphenol  
Concen: 4.34 ng  
RT: 8.639 min Scan# 987  
Delta R.T. -0.006 min  
Lab File: BG021640.D  
Acq: 14 Apr 2016 4:58

Tgt Ion:107 Resp: 8420  
Ion Ratio Lower Upper  
107 100  
108 95.2 80.2 120.4  
77 44.6 40.7 61.1  
79 47.3 39.8 59.8

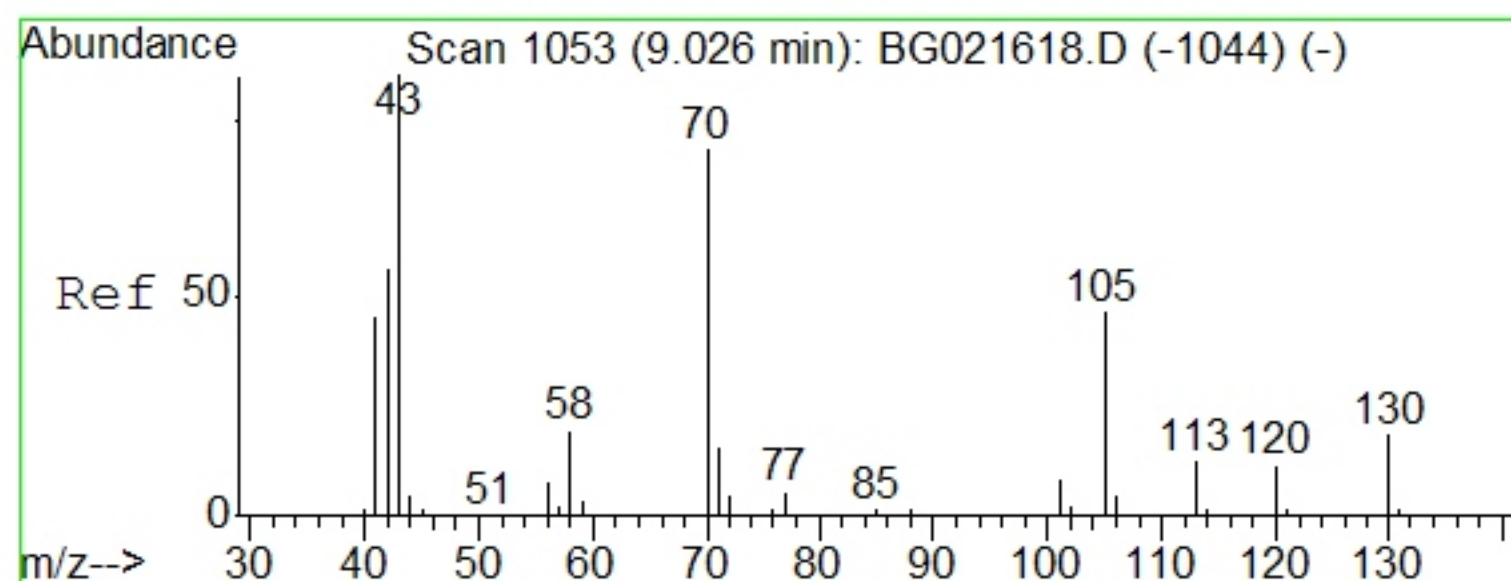


#18  
Hexachloroethane  
Concen: 4.06 ng  
RT: 9.309 min Scan# 1101  
Delta R.T. -0.006 min  
Lab File: BG021640.D  
Acq: 14 Apr 2016 4:58

Tgt Ion:117 Resp: 3512  
Ion Ratio Lower Upper  
117 100  
119 80.0 63.9 95.9  
201 87.8 61.2 91.8



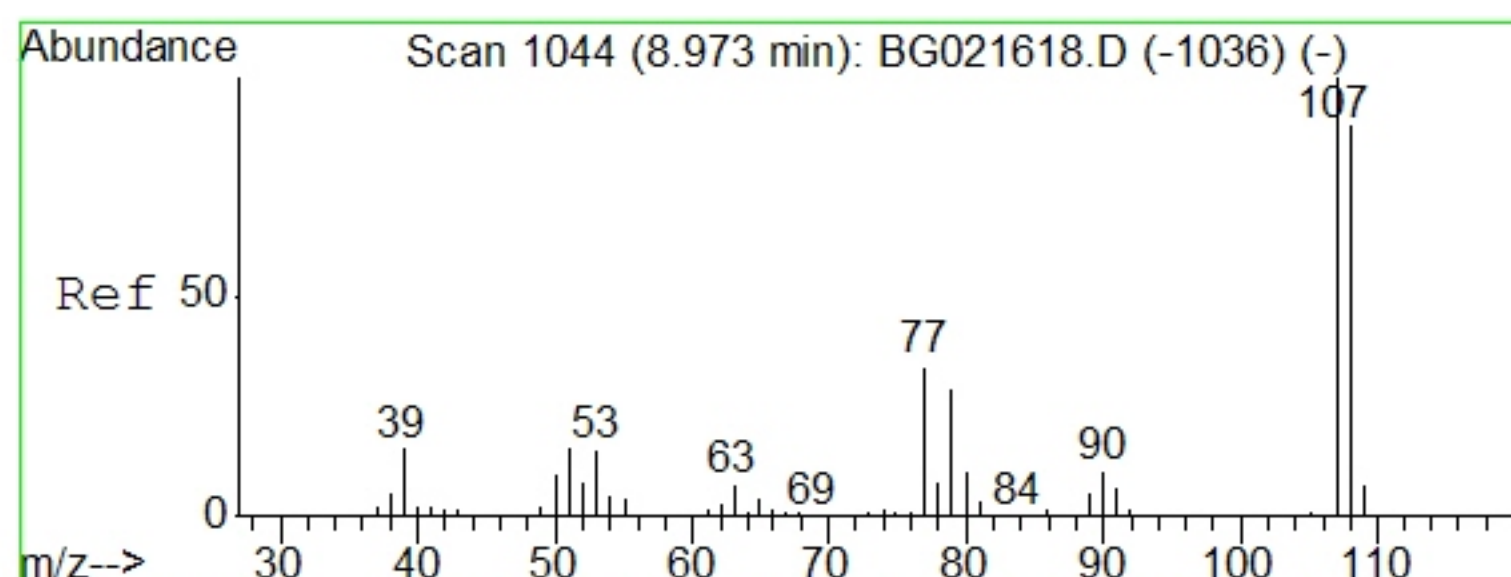
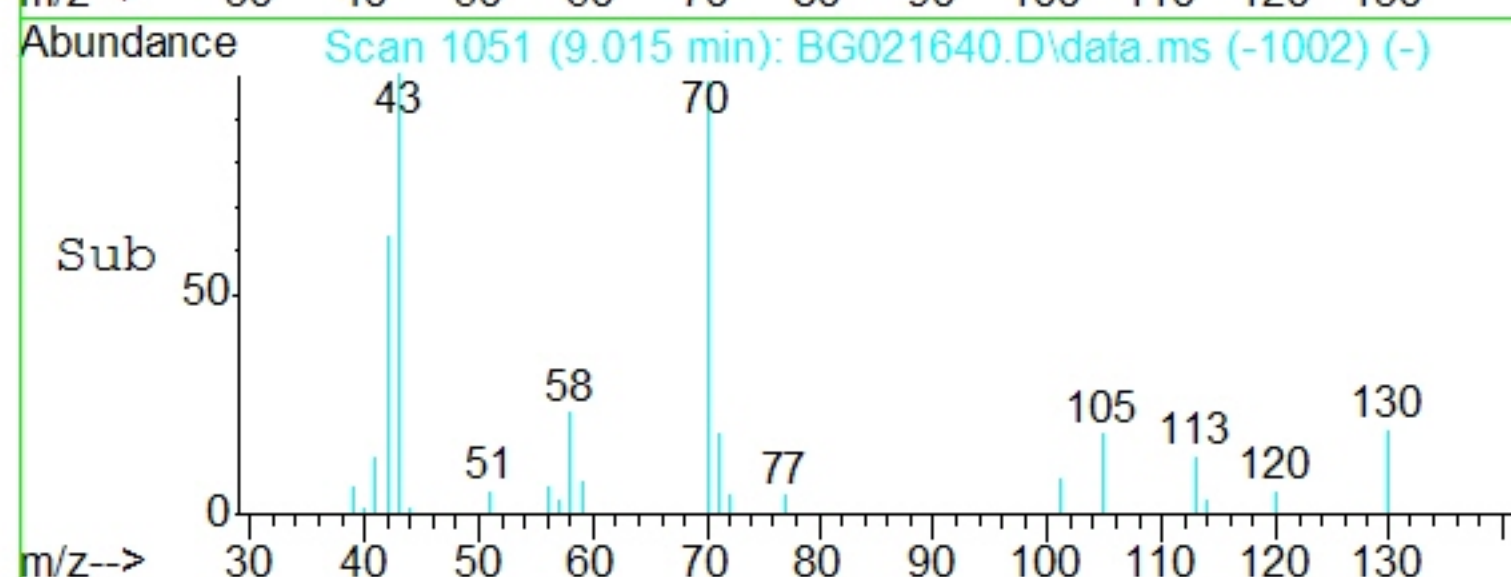
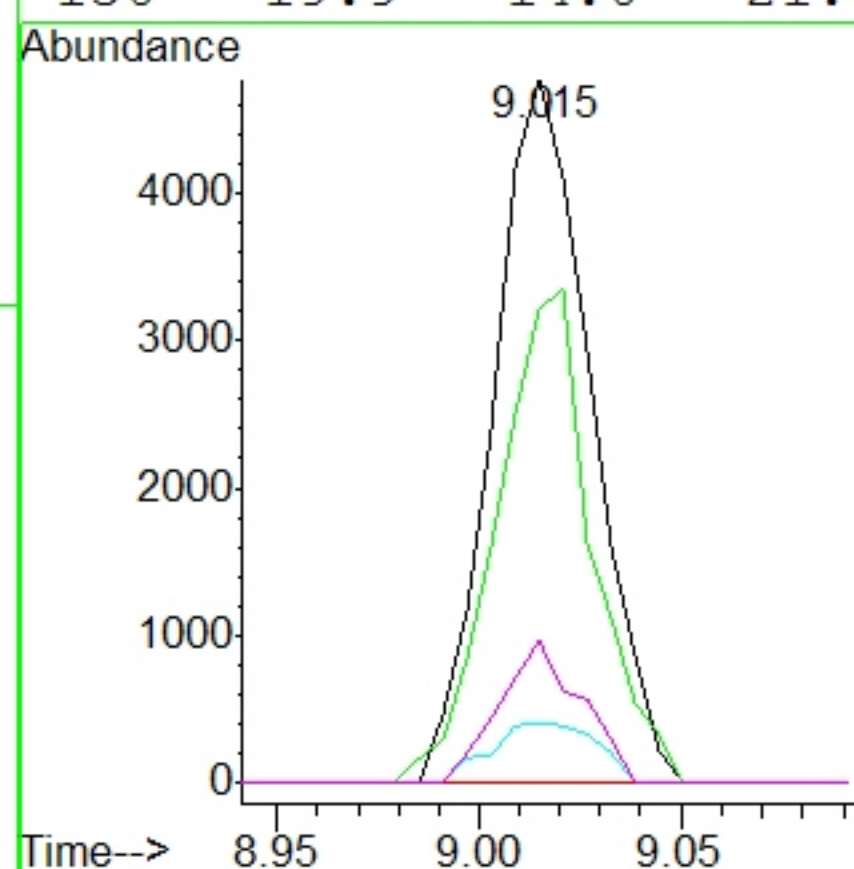
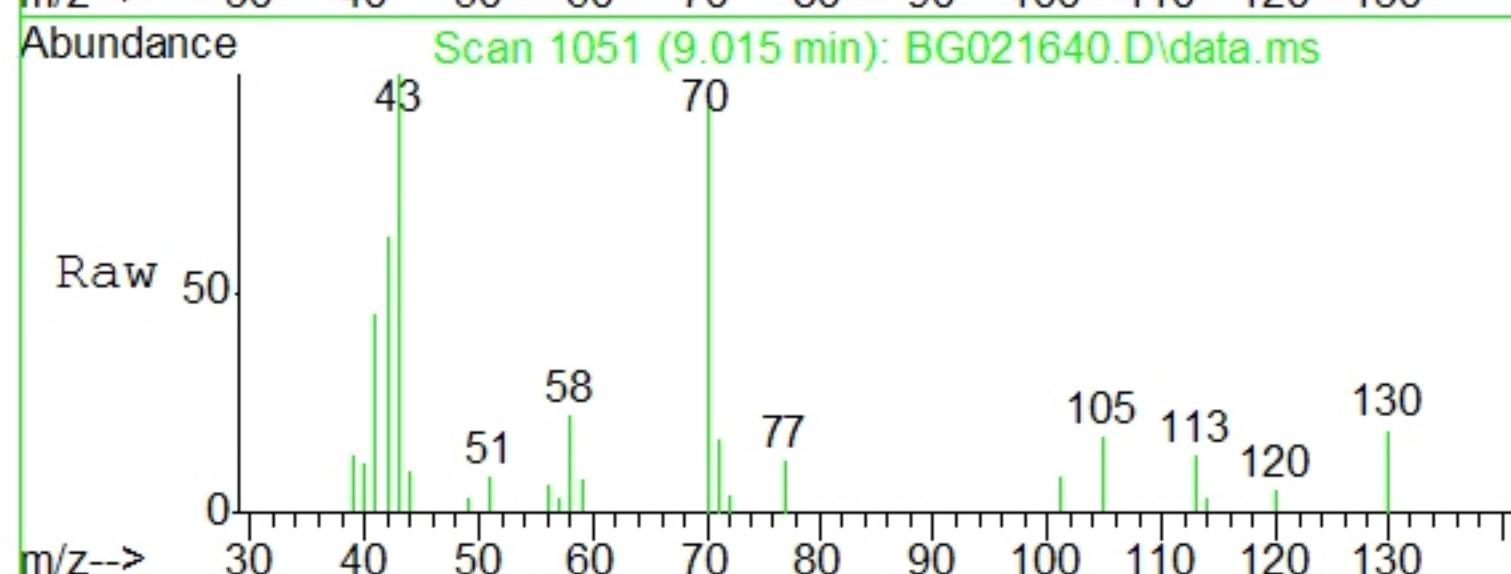




#19  
n-Nitroso-di-n-propylamine  
Concen: 3.97 ng  
RT: 9.015 min Scan# 1051  
Delta R.T. -0.011 min  
Lab File: BG021640.D  
Acq: 14 Apr 2016 4:58

Tgt Ion: 70 Resp: 8033

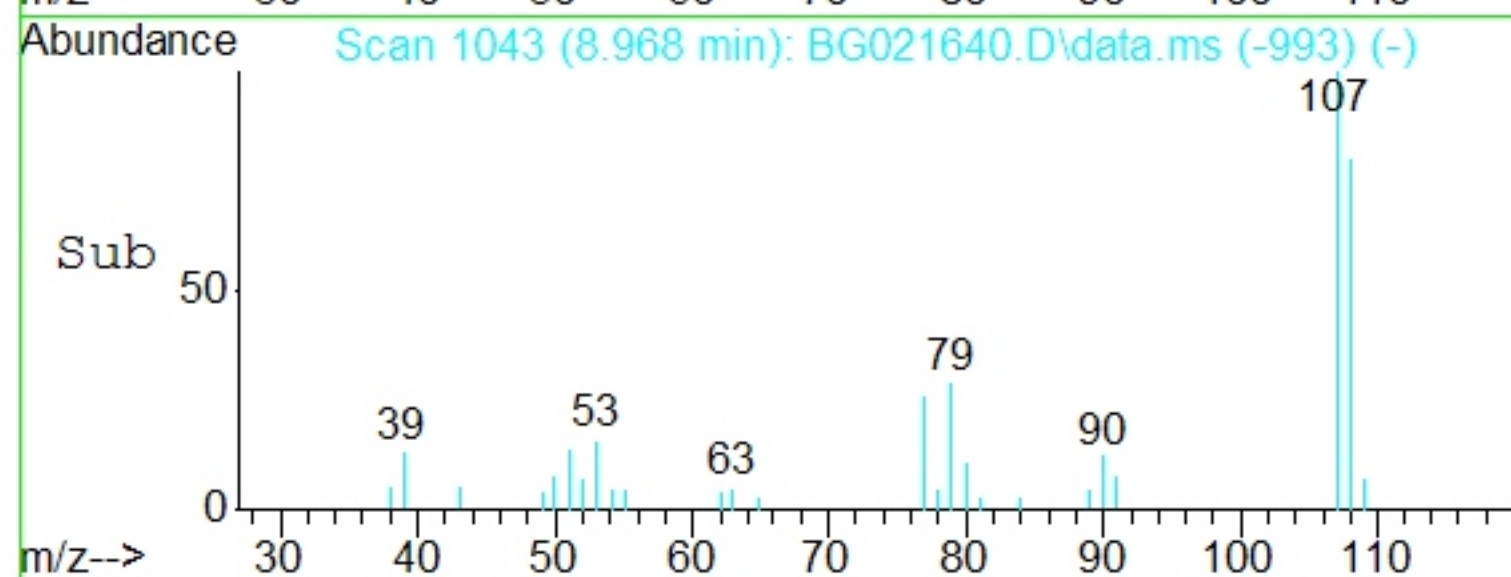
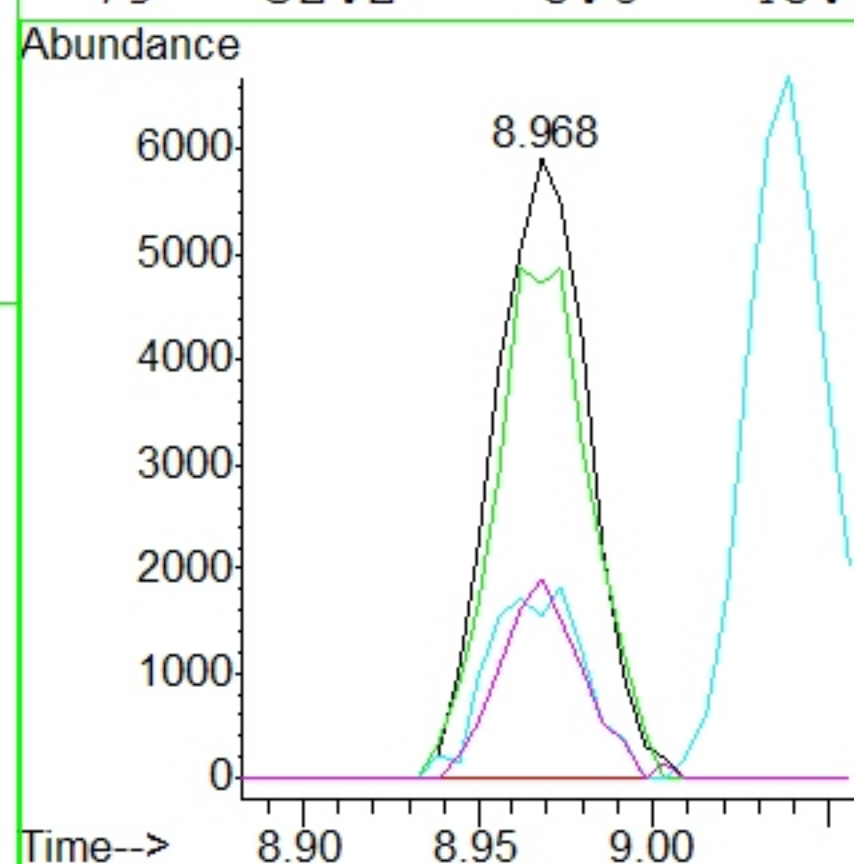
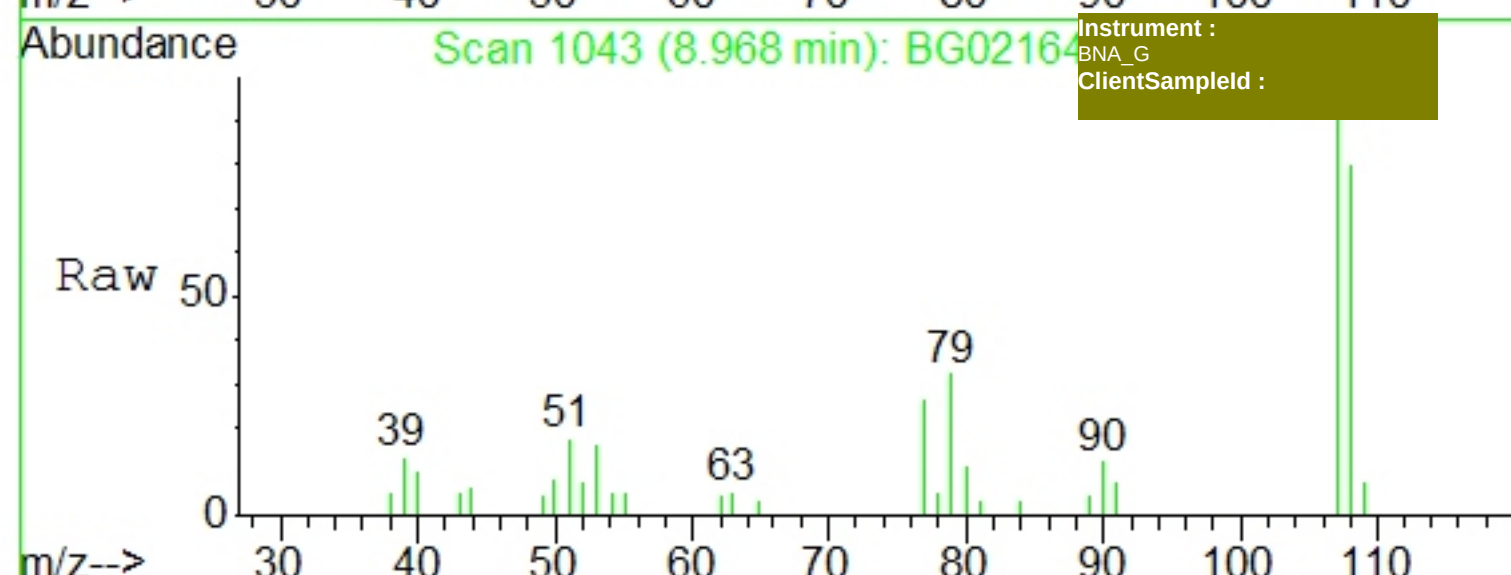
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 70  | 100   |       |       |
| 42  | 67.3  | 56.7  | 85.1  |
| 101 | 8.2   | 8.2   | 12.4  |
| 130 | 19.9  | 14.0  | 21.0  |



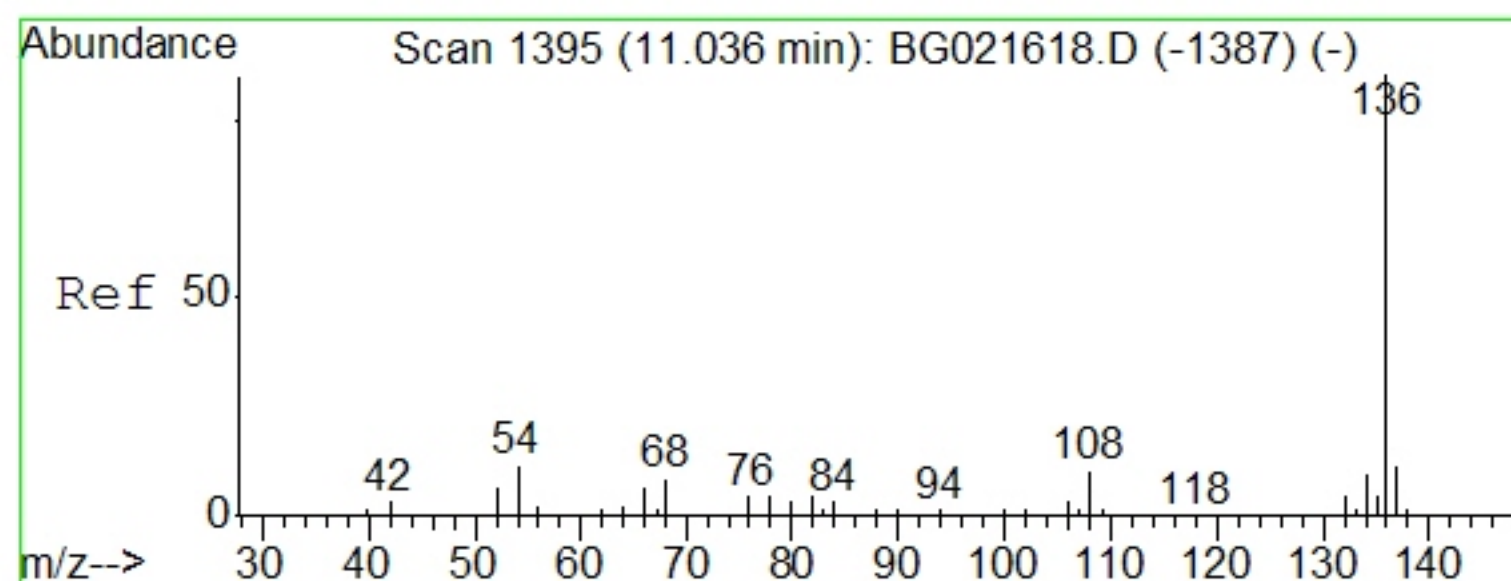
#20  
3+4-Methylphenols  
Concen: 4.23 ng  
RT: 8.968 min Scan# 1043  
Delta R.T. -0.006 min  
Lab File: BG021640.D  
Acq: 14 Apr 2016 4:58

Tgt Ion: 107 Resp: 11214

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 107 | 100   |       |       |
| 108 | 80.0  | 66.2  | 106.2 |
| 77  | 26.4  | 11.5  | 51.5  |
| 79  | 32.2  | 5.6   | 45.6  |

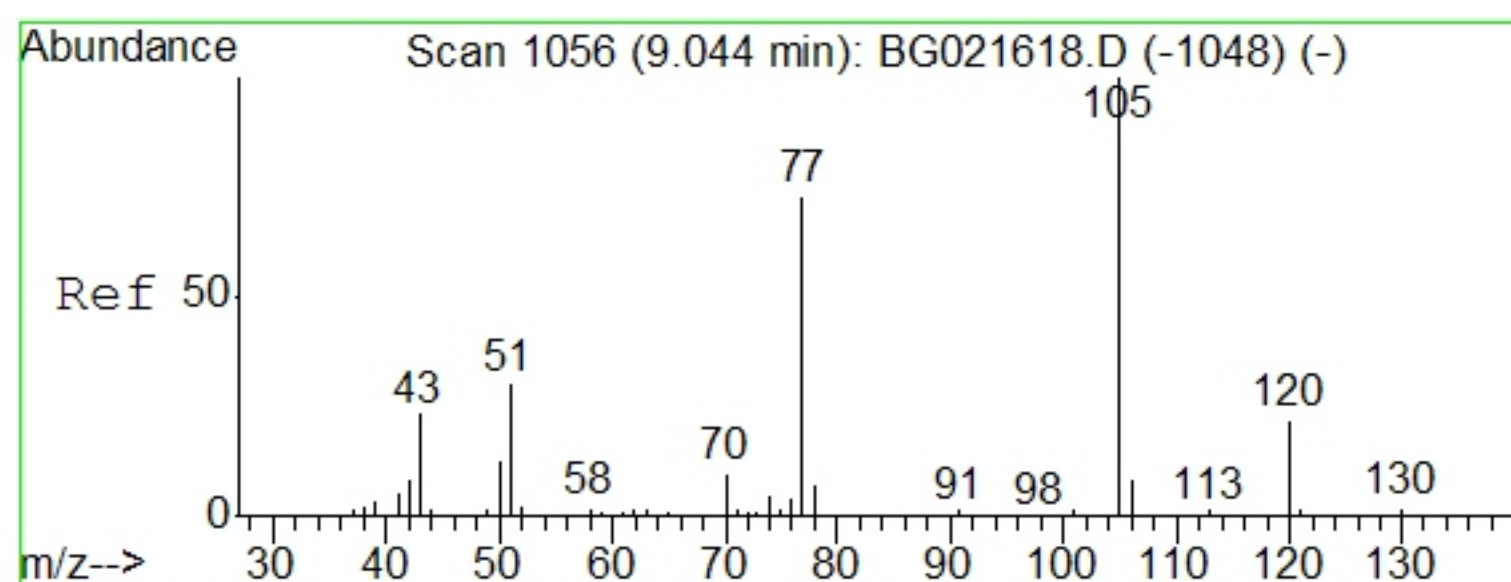
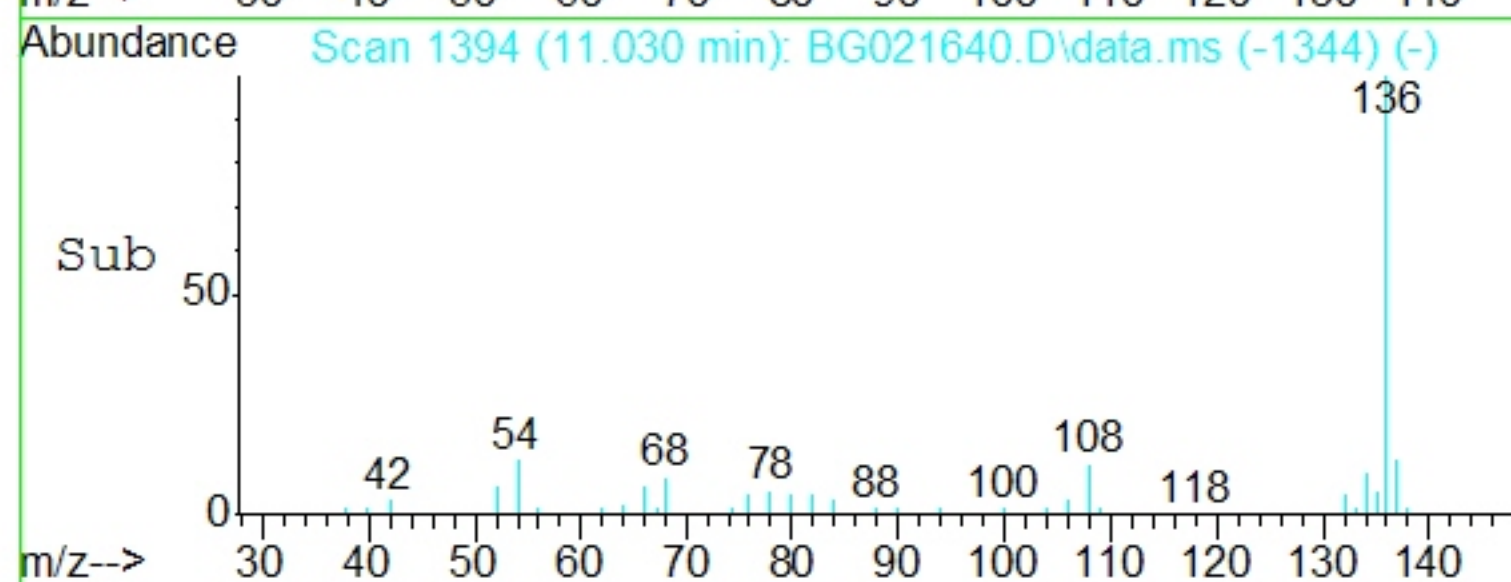
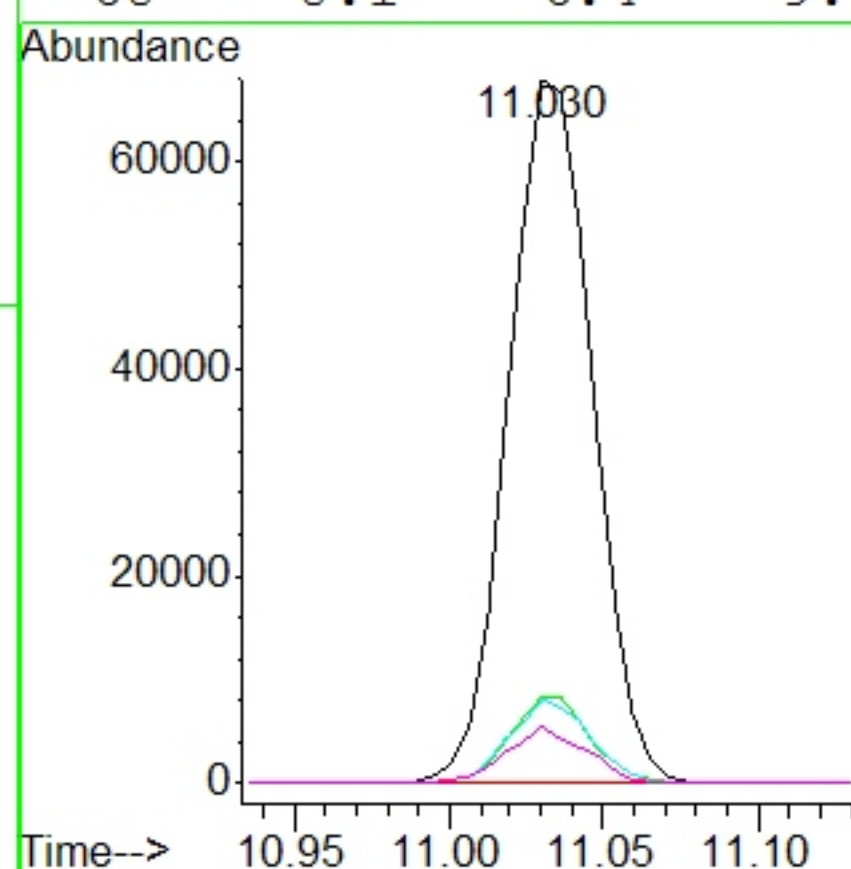
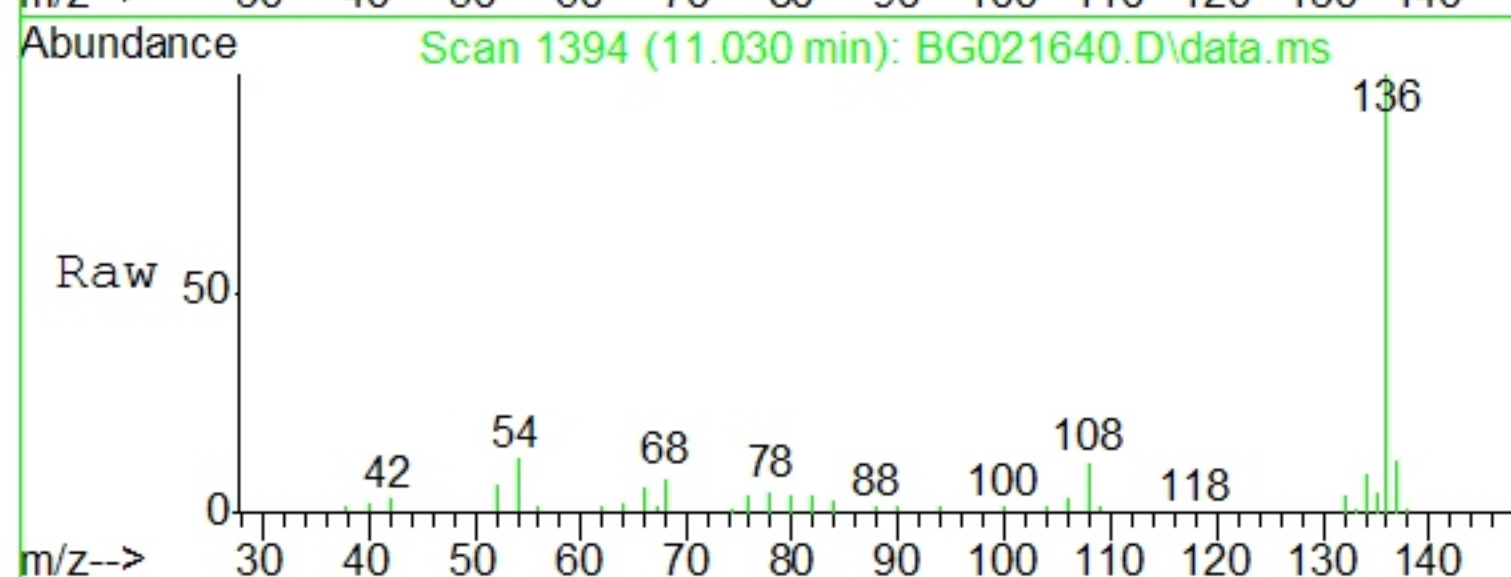






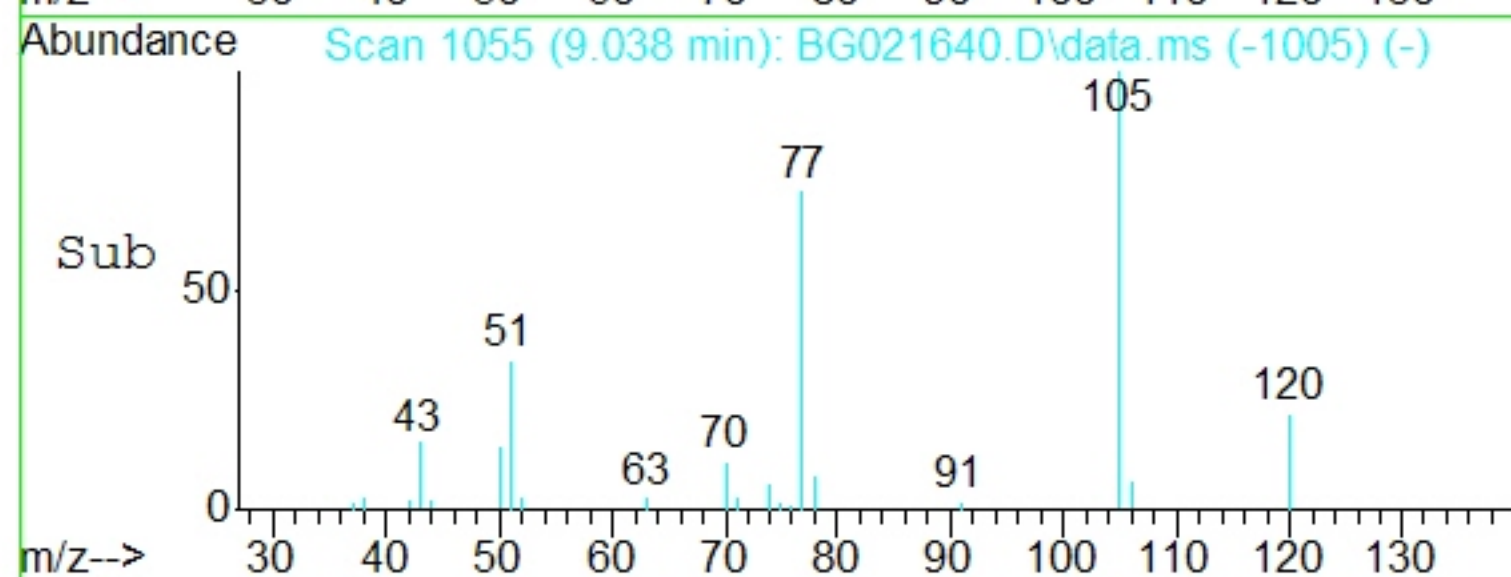
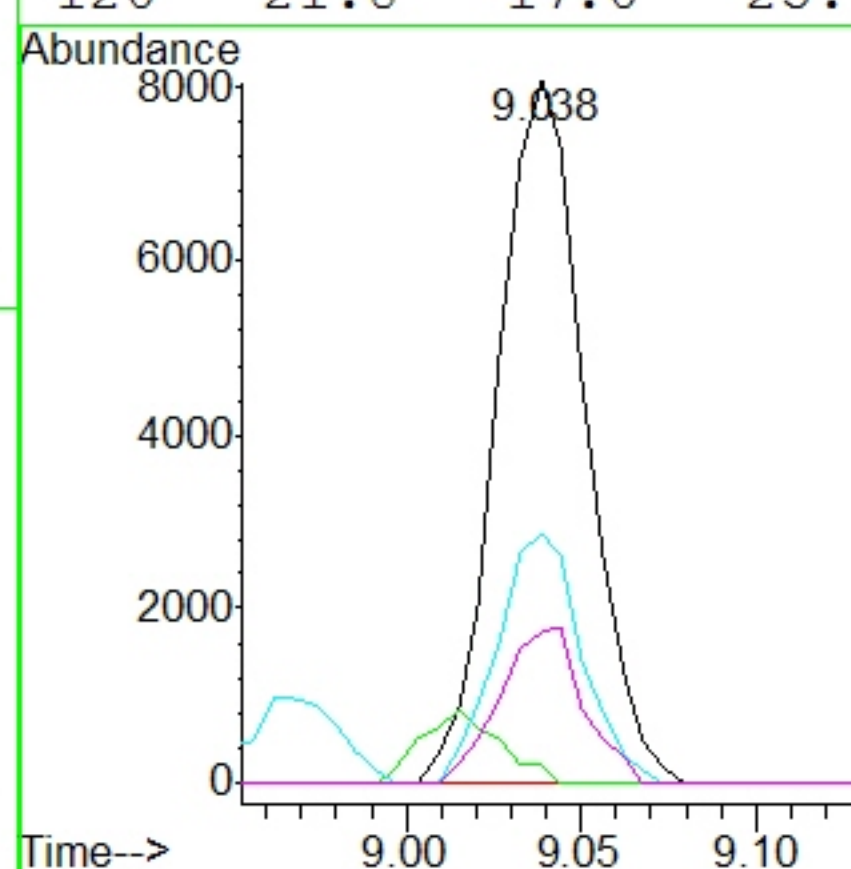
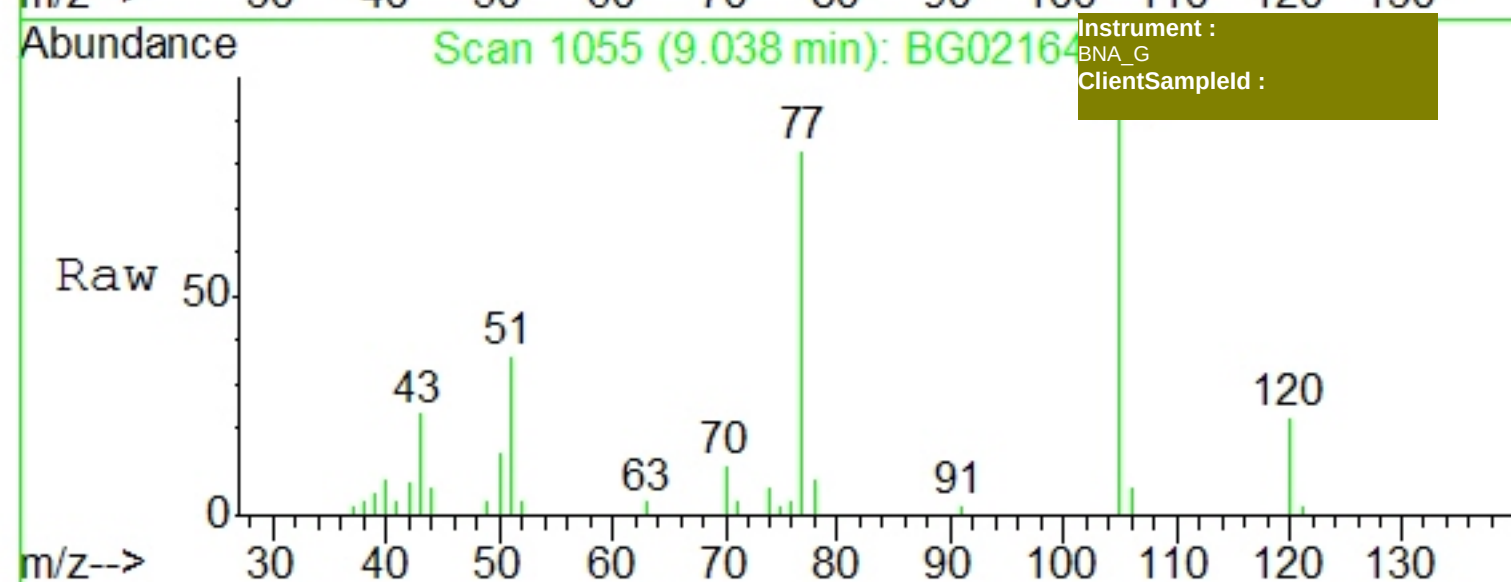
#21  
Naphthalene-d8  
Concen: 20.00 ng  
RT: 11.030 min Scan# 1394  
Delta R.T. -0.006 min  
Lab File: BG021640.D  
Acq: 14 Apr 2016 4:58

|     |         |       |        |
|-----|---------|-------|--------|
| Tgt | Ion:136 | Resp: | 127035 |
| Ion | Ratio   | Lower | Upper  |
| 136 | 100     |       |        |
| 137 | 12.0    | 9.0   | 13.4   |
| 54  | 11.8    | 9.6   | 14.4   |
| 68  | 8.1     | 6.4   | 9.6    |

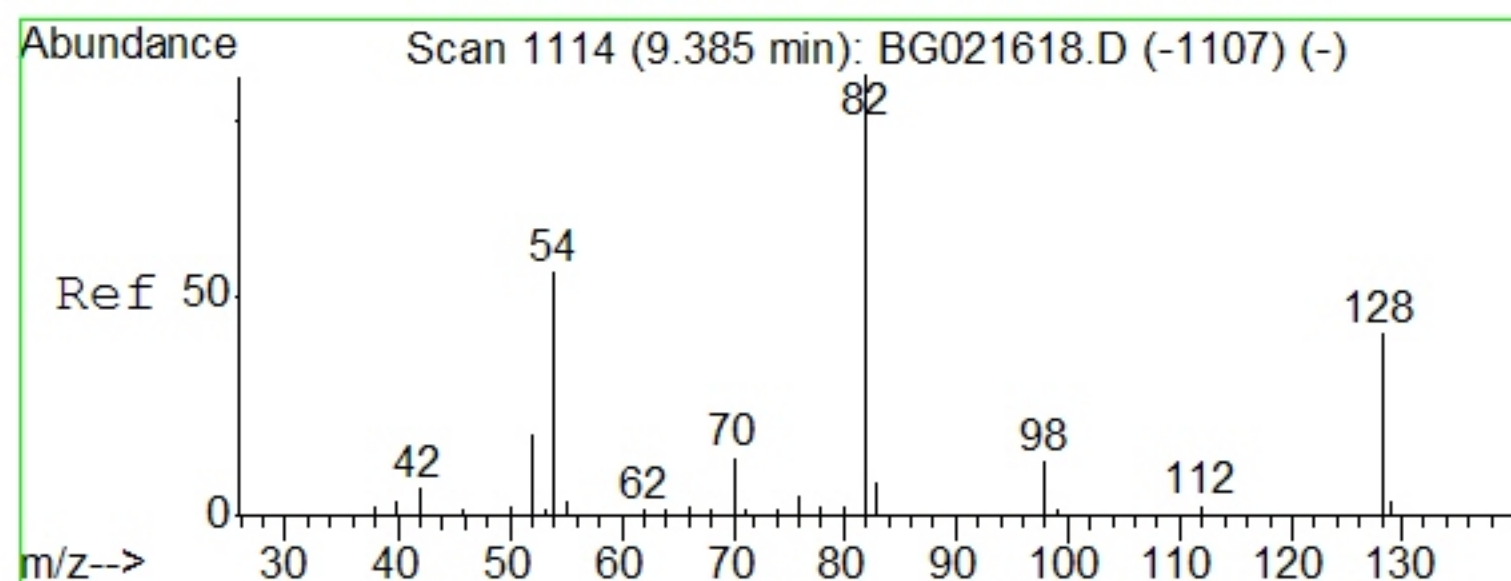


#22  
Acetophenone  
Concen: 3.98 ng  
RT: 9.038 min Scan# 1055  
Delta R.T. -0.006 min  
Lab File: BG021640.D  
Acq: 14 Apr 2016 4:58

|     |         |       |       |
|-----|---------|-------|-------|
| Tgt | Ion:105 | Resp: | 14070 |
| Ion | Ratio   | Lower | Upper |
| 105 | 100     |       |       |
| 71  | 2.6     | 0.0   | 0.0#  |
| 51  | 35.6    | 25.7  | 38.5  |
| 120 | 21.8    | 17.0  | 25.6  |

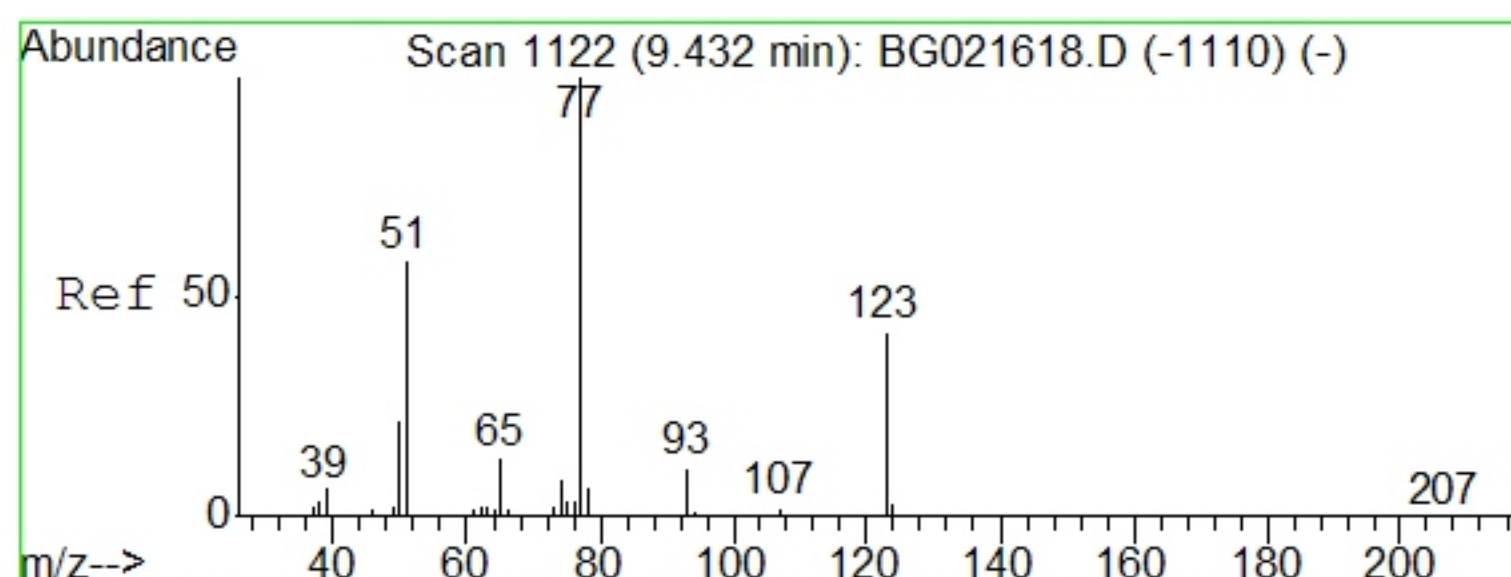
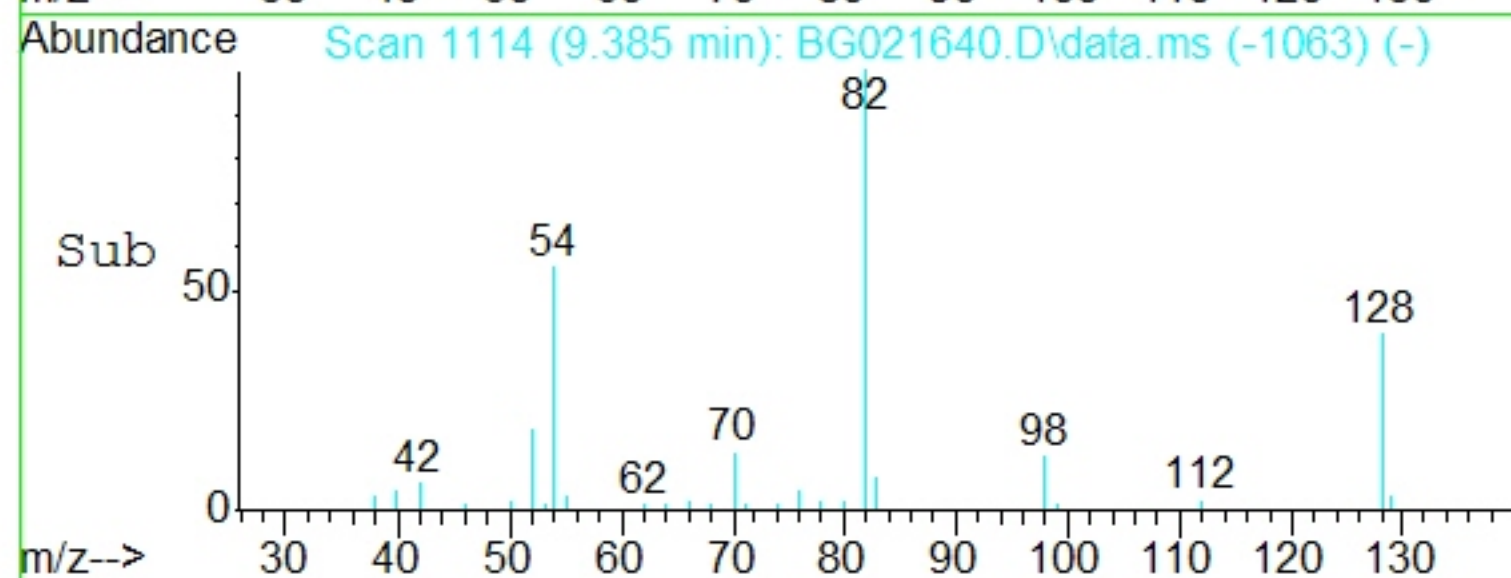
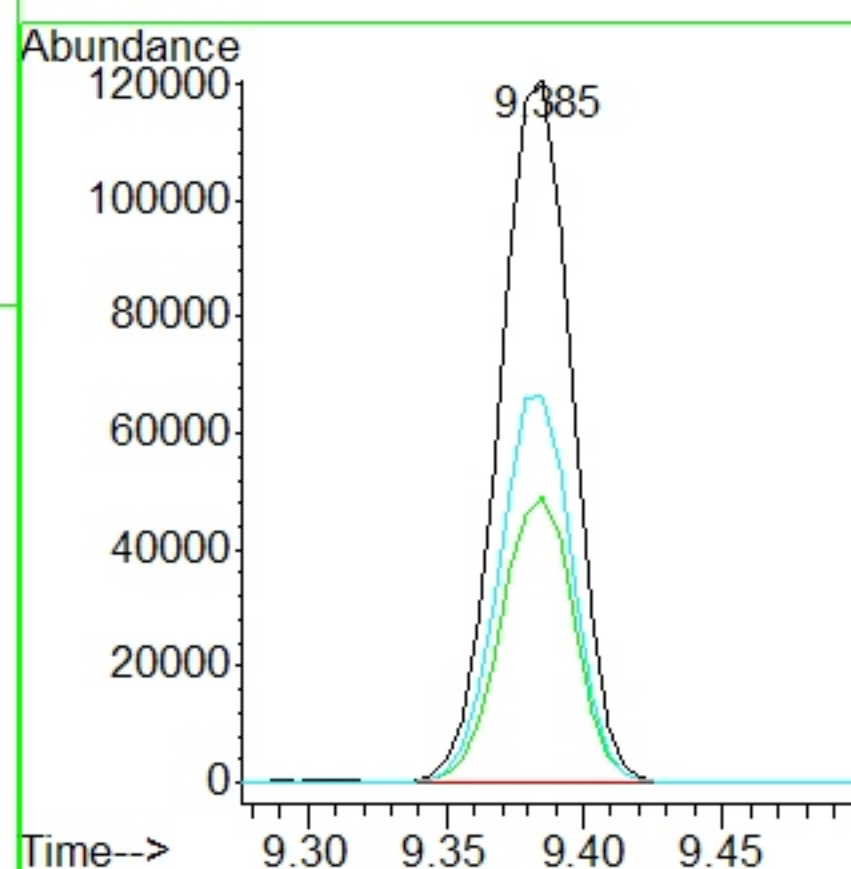
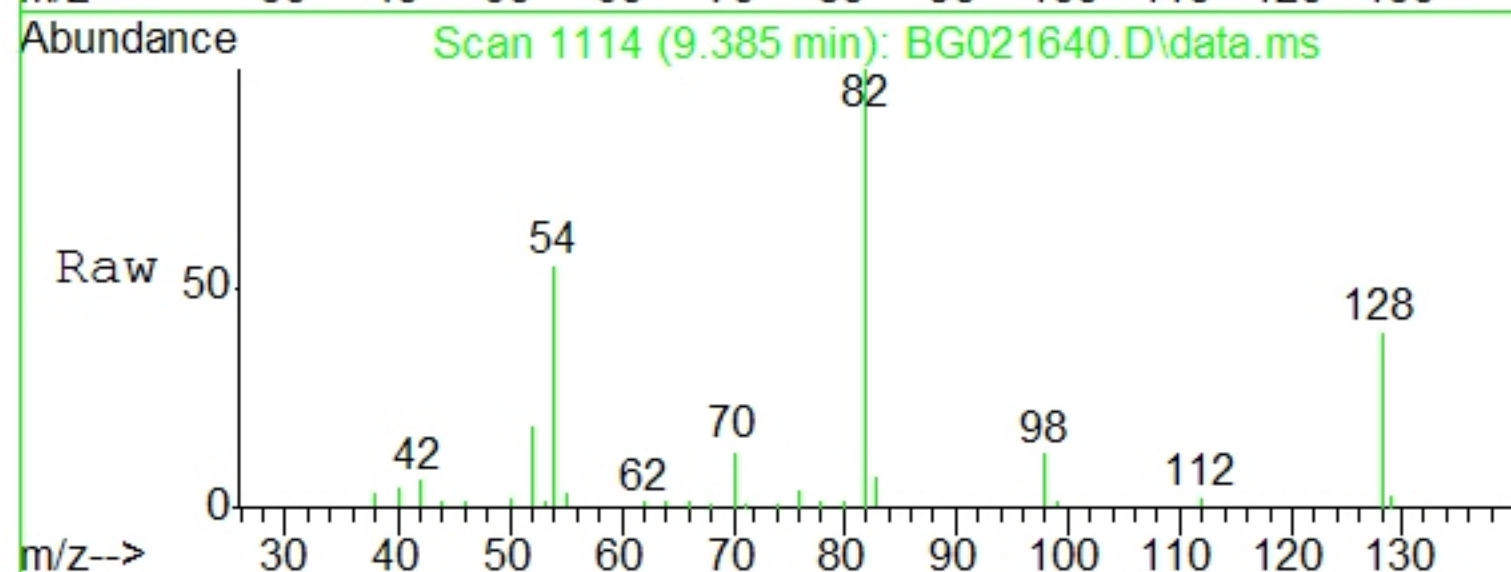






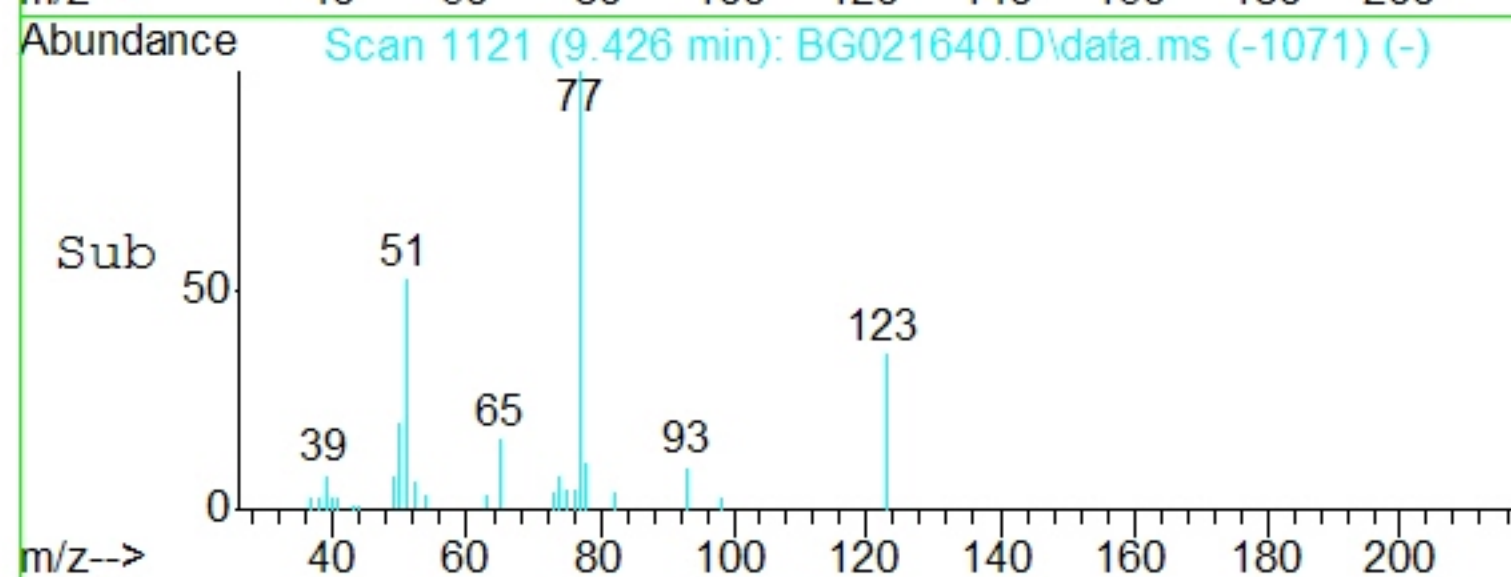
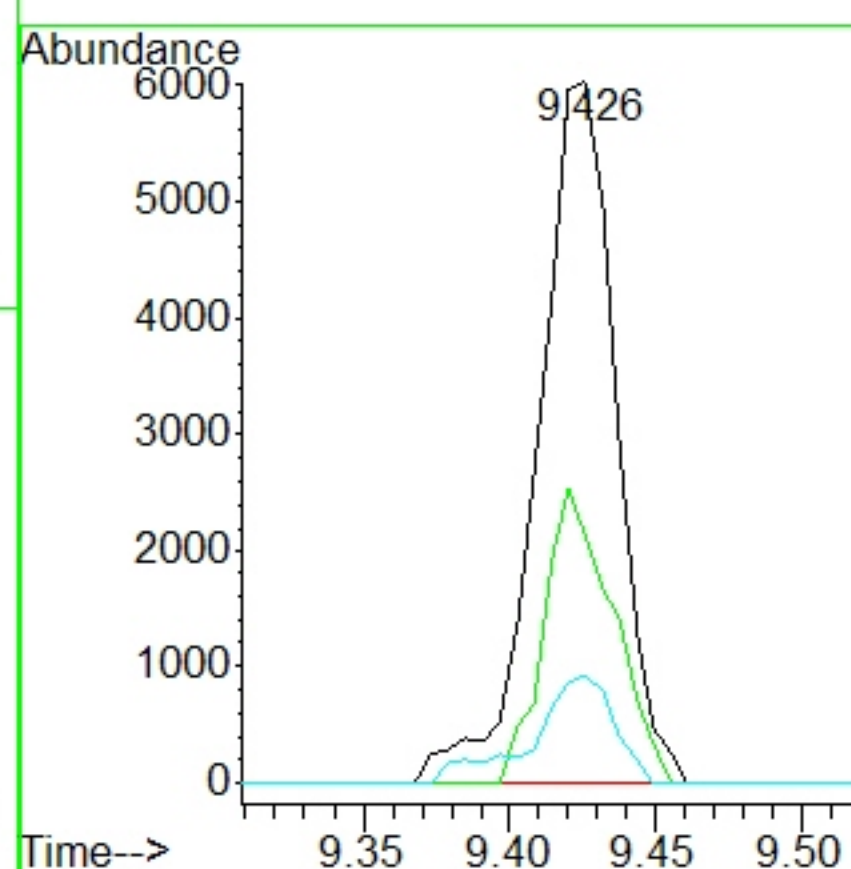
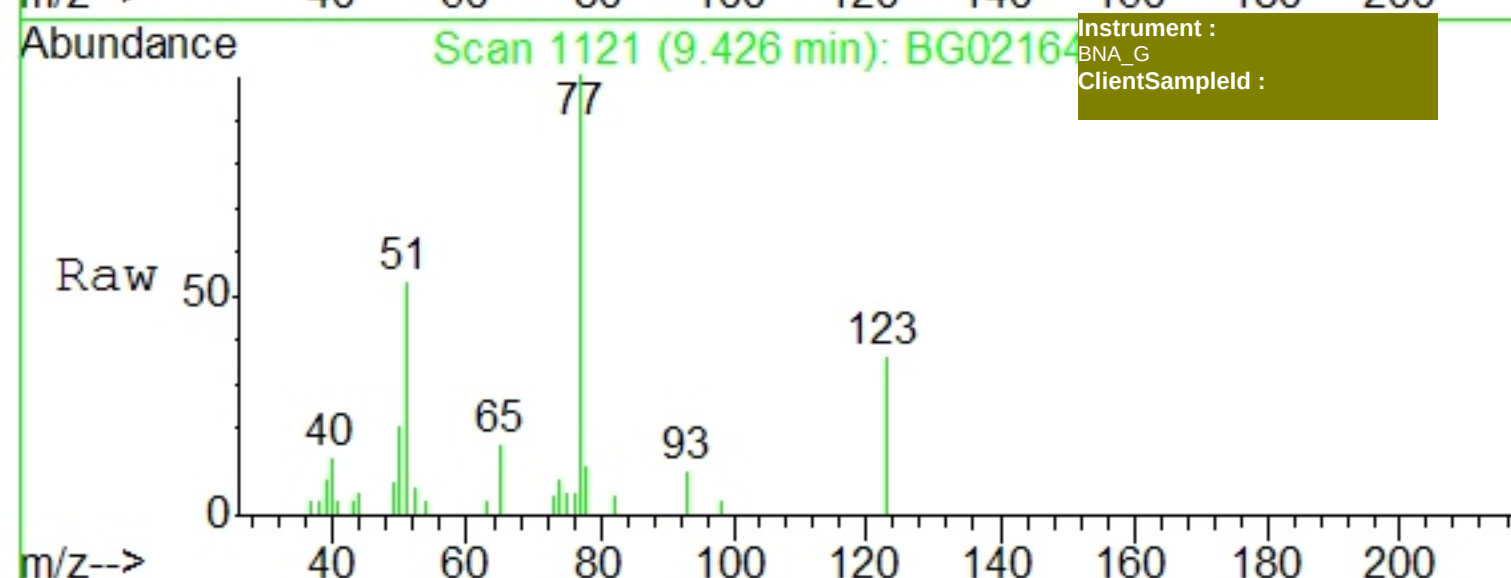
#23  
Nitrobenzene-d5  
Concen: 88.83 ng  
RT: 9.385 min Scan# 1114  
Delta R.T. 0.000 min  
Lab File: BG021640.D  
Acq: 14 Apr 2016 4:58

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 82      | 100   |       |       |
| 128     | 40.5  | 33.4  | 50.0  |
| 54      | 54.8  | 46.1  | 69.1  |

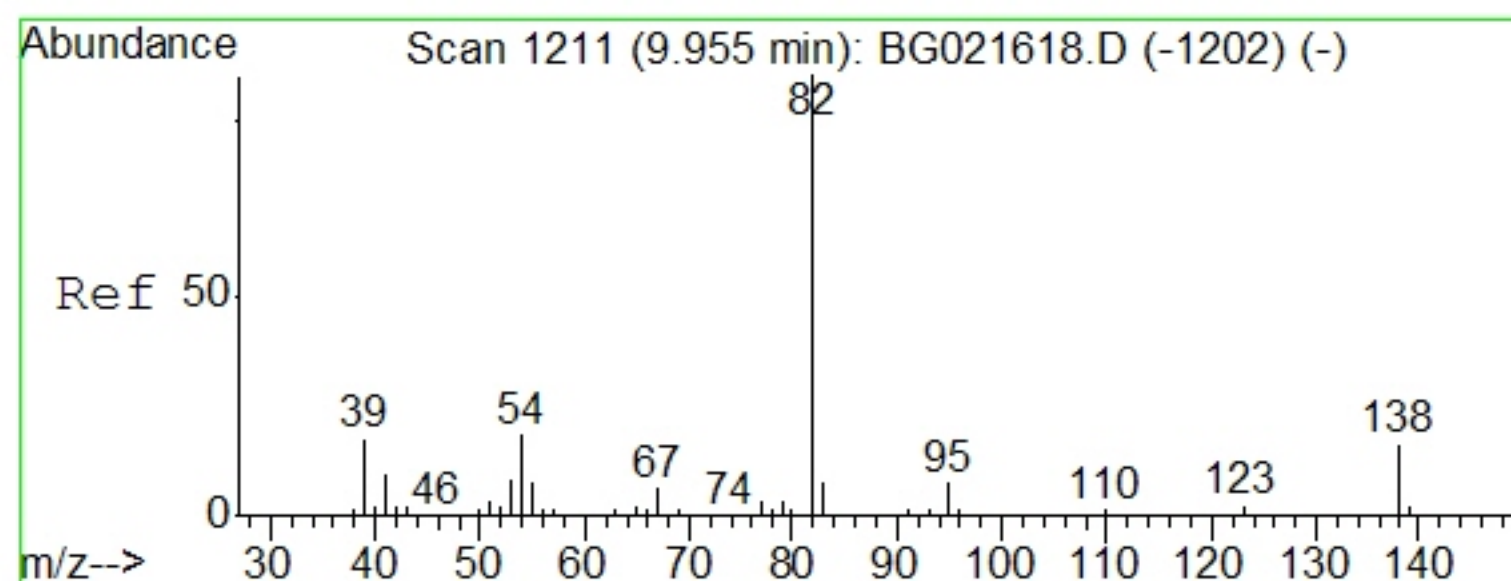


#24  
Nitrobenzene  
Concen: 4.27 ng  
RT: 9.426 min Scan# 1121  
Delta R.T. -0.006 min  
Lab File: BG021640.D  
Acq: 14 Apr 2016 4:58

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 77      | 100   |       |       |
| 123     | 35.6  | 32.2  | 48.4  |
| 65      | 15.7  | 10.3  | 15.5  |

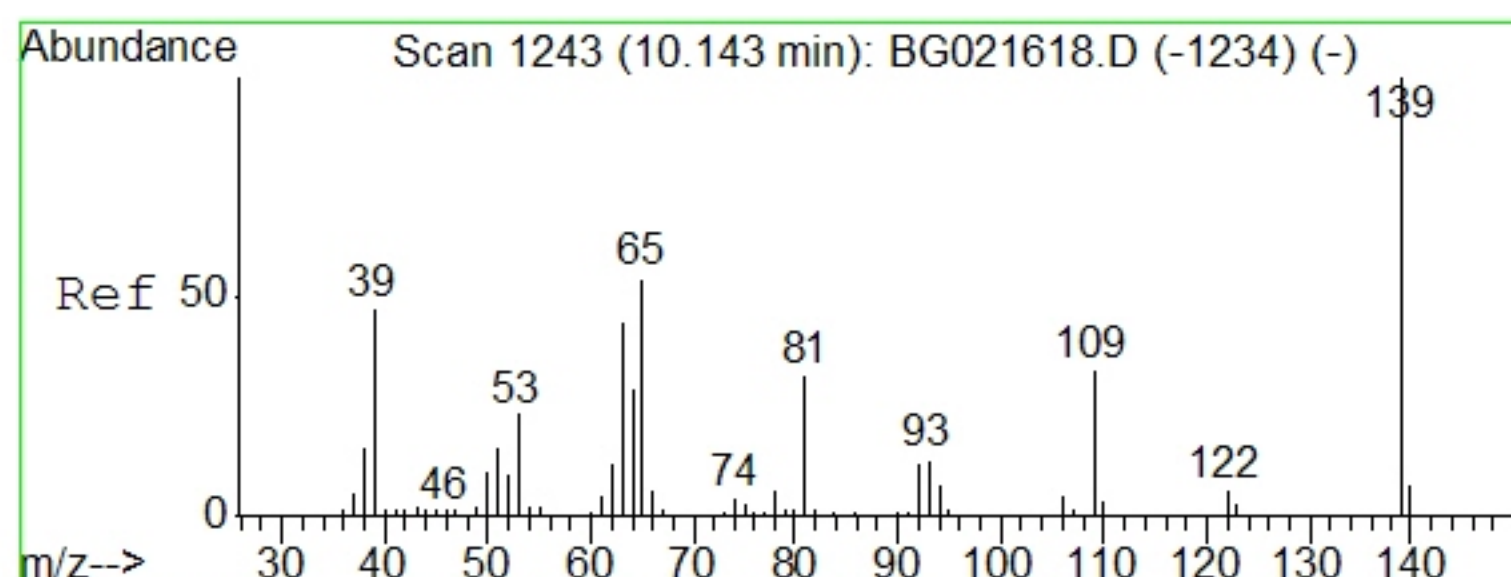
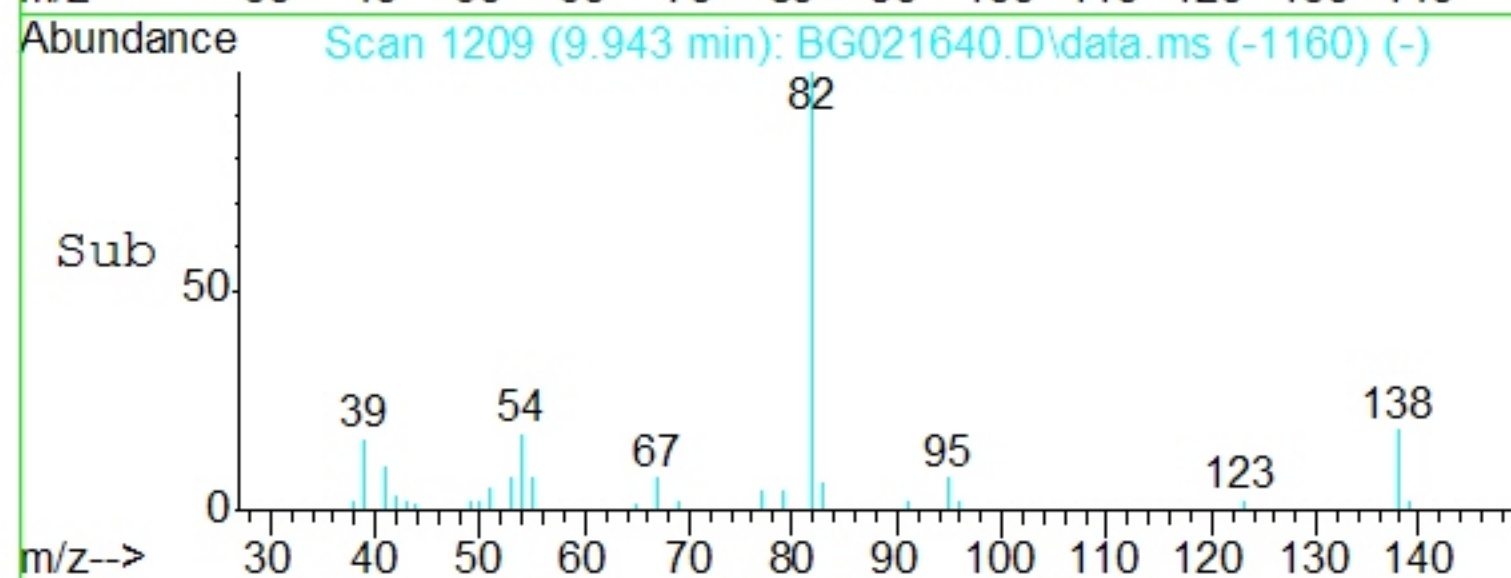
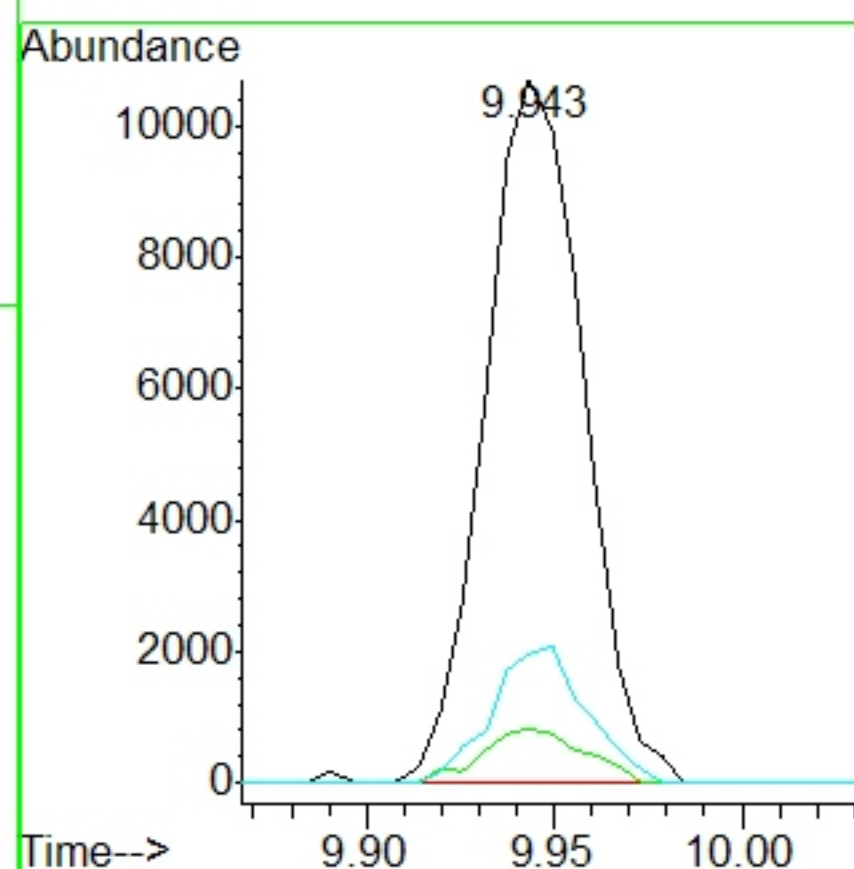
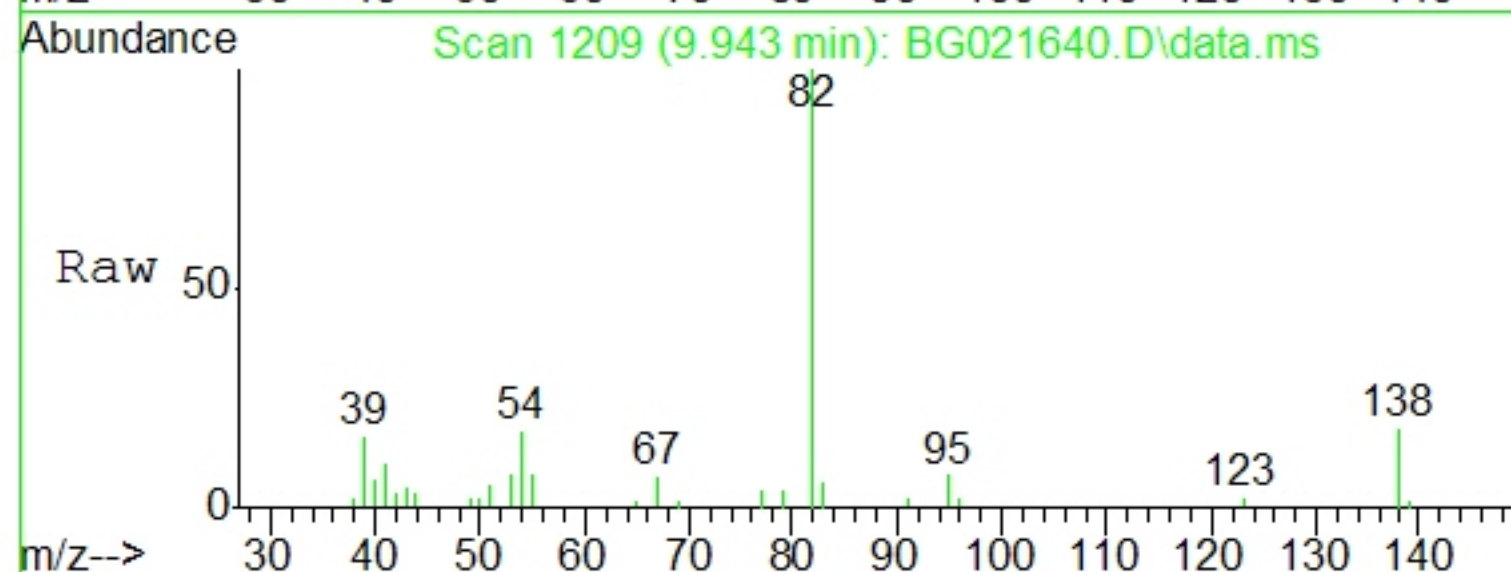






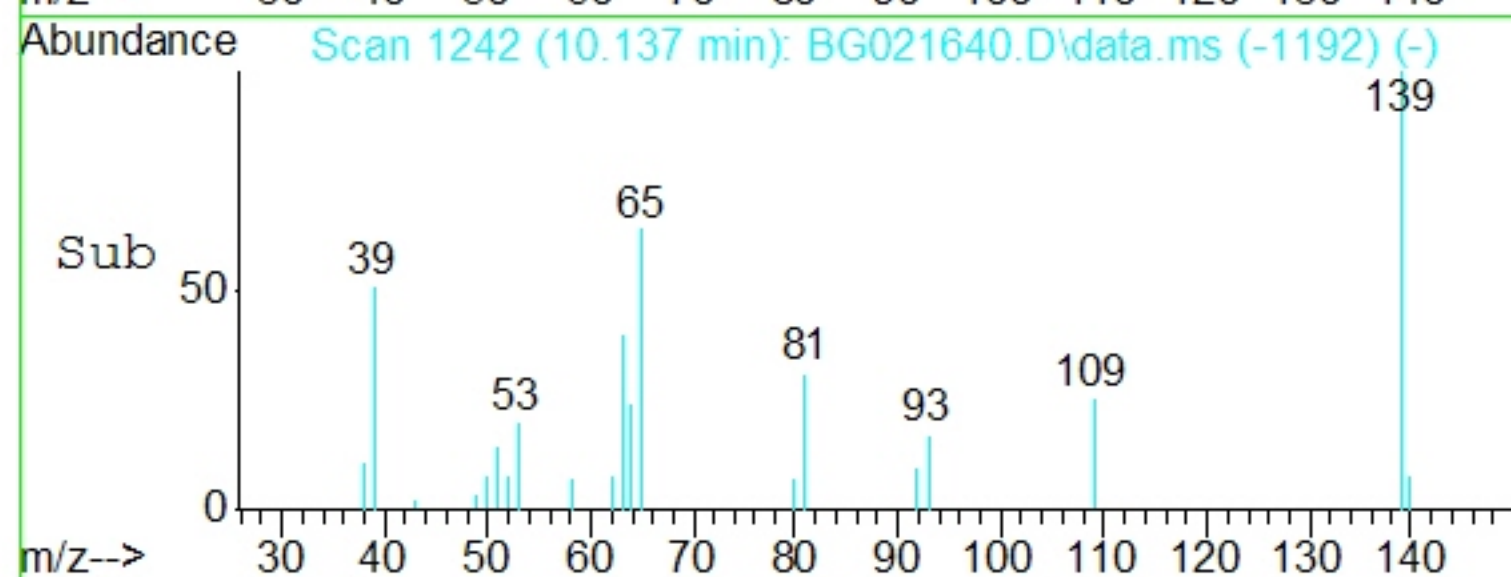
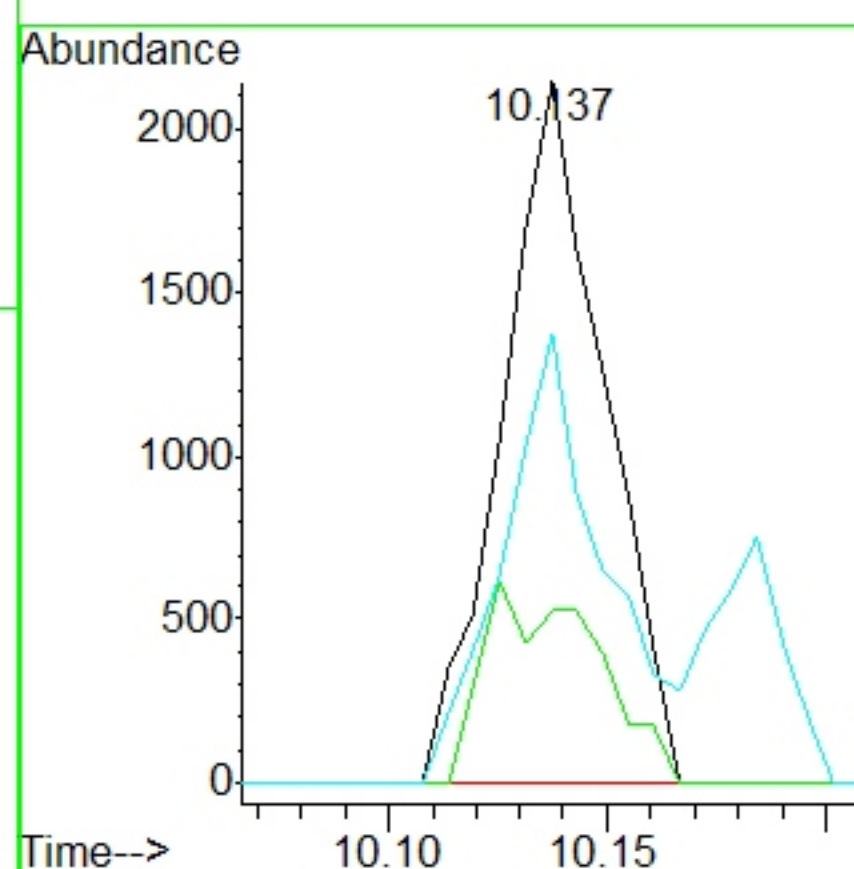
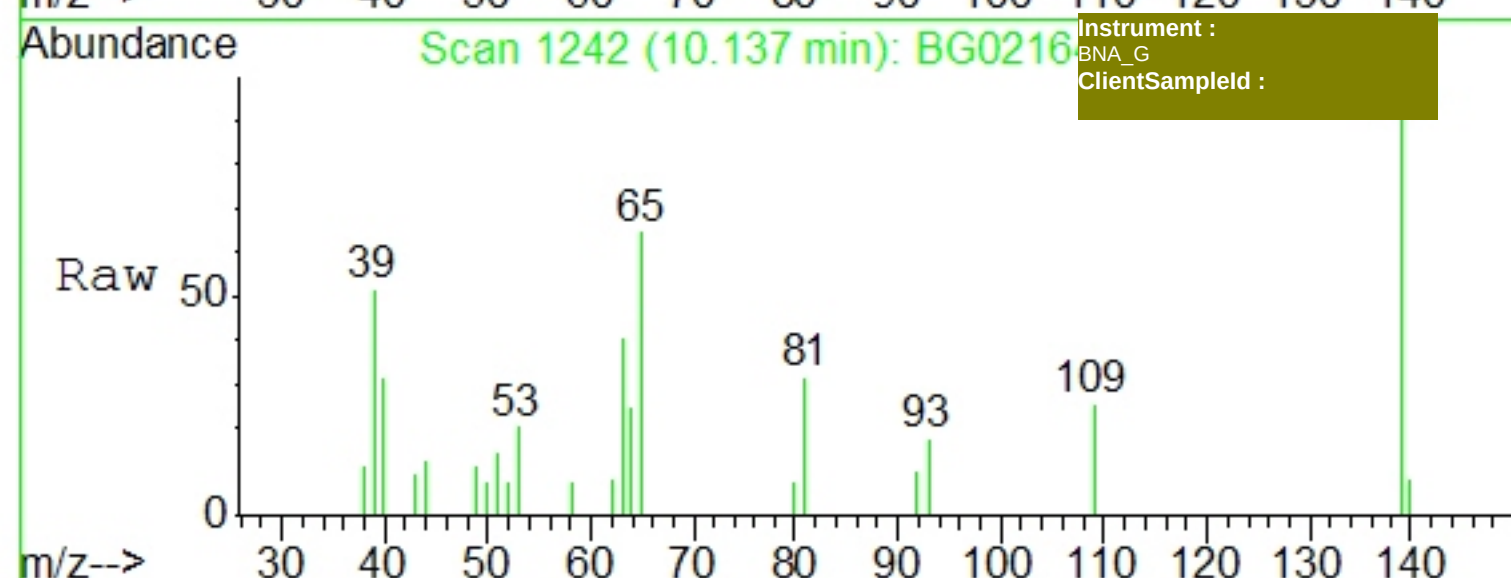
#25  
Isophorone  
Concen: 3.60 ng  
RT: 9.943 min Scan# 1209  
Delta R.T. -0.011 min  
Lab File: BG021640.D  
Acq: 14 Apr 2016 4:58

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 82      | 100   |       |       |
| 95      | 7.5   | 6.0   | 9.0   |
| 138     | 18.2  | 13.4  | 20.0  |

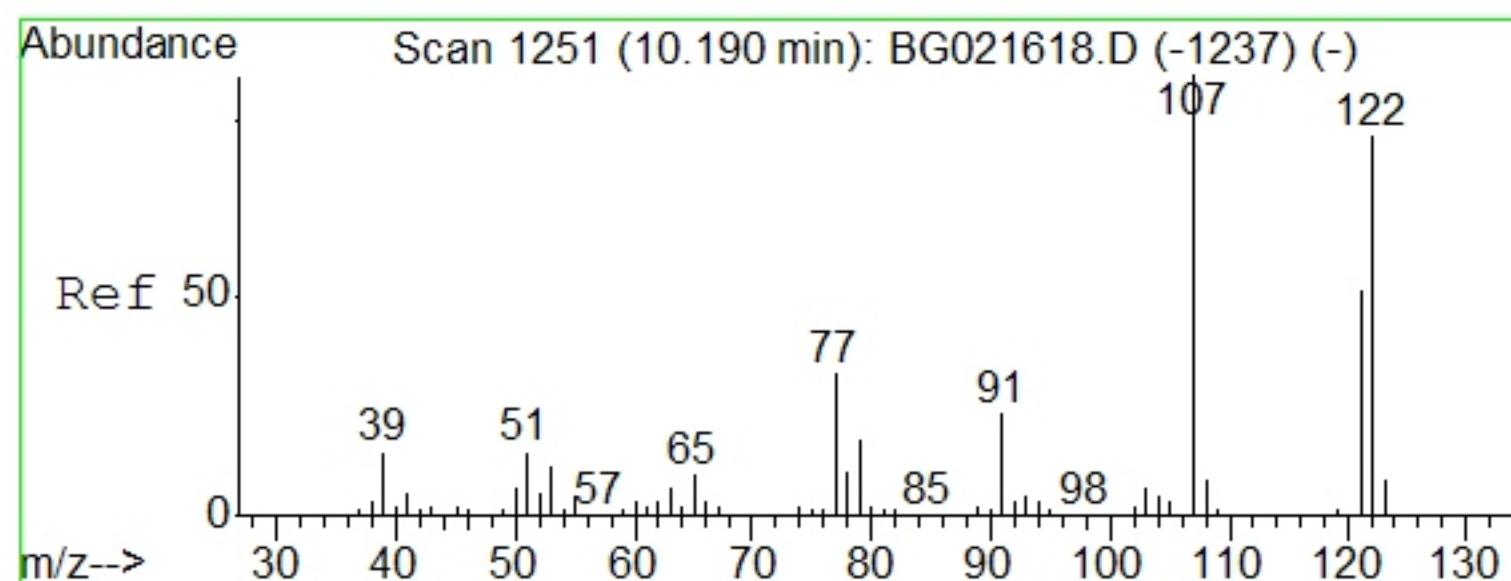


#26  
2-Nitrophenol  
Concen: 3.46 ng  
RT: 10.137 min Scan# 1242  
Delta R.T. -0.006 min  
Lab File: BG021640.D  
Acq: 14 Apr 2016 4:58

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 139     | 100   |       |       |
| 109     | 24.8  | 26.6  | 40.0# |
| 65      | 64.0  | 45.3  | 67.9  |



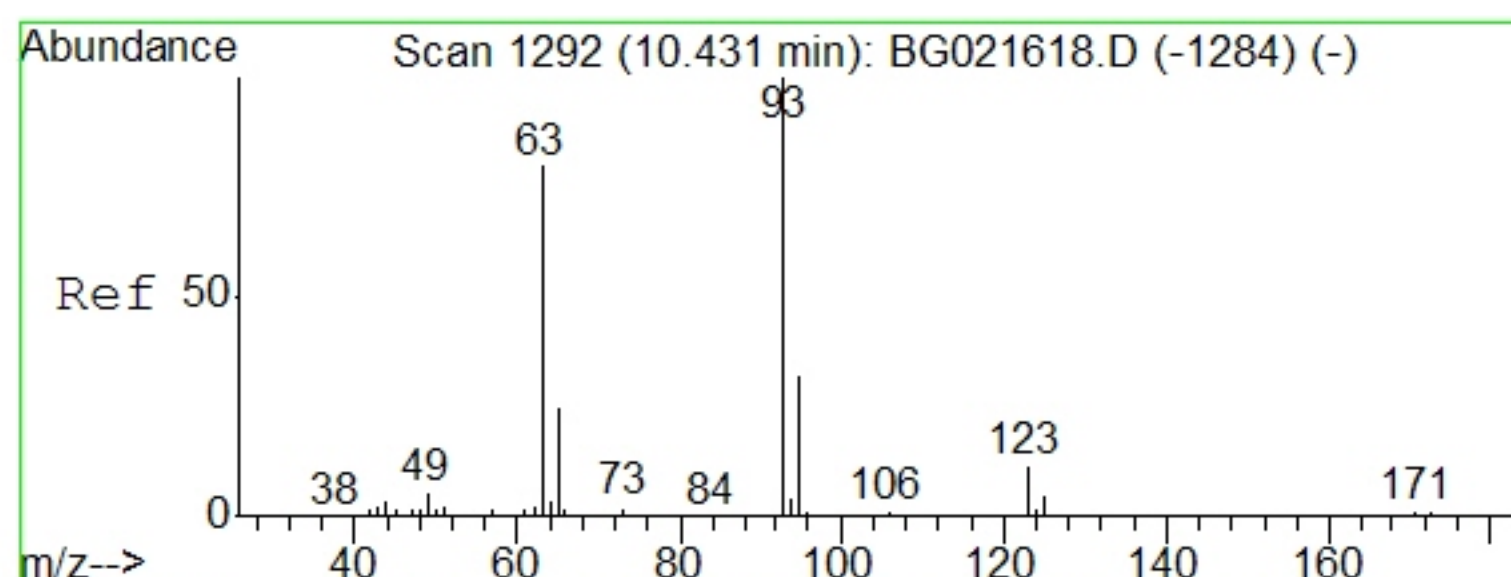
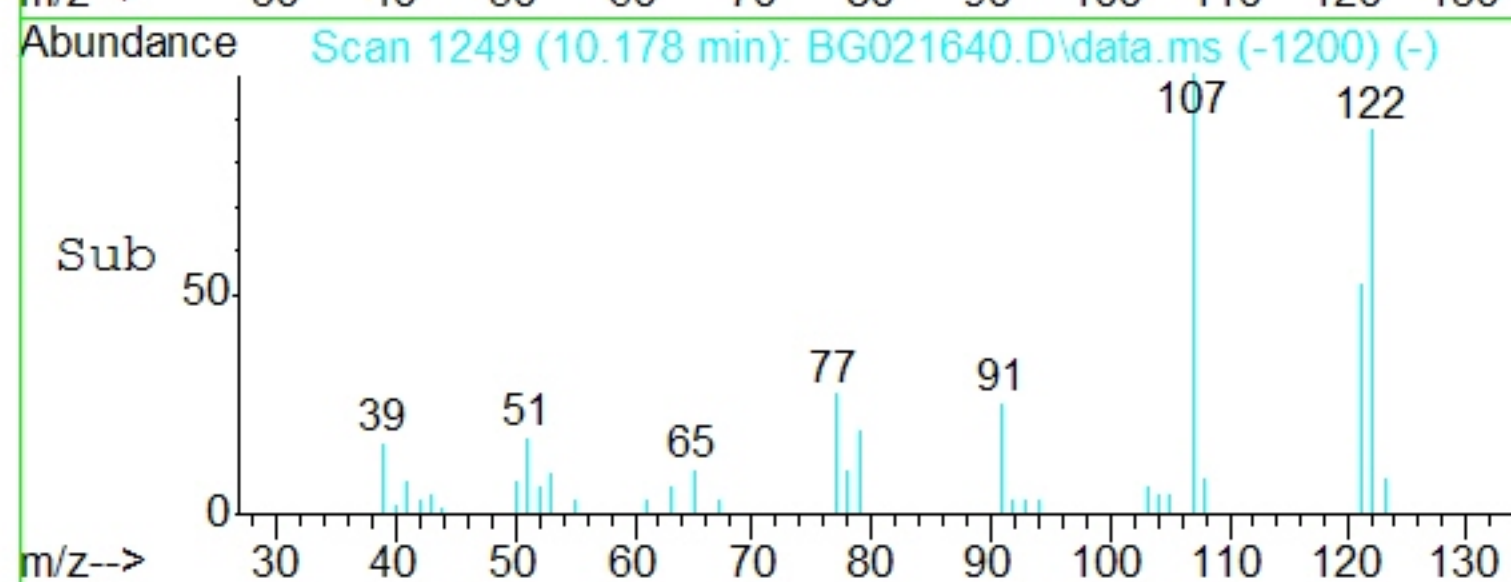
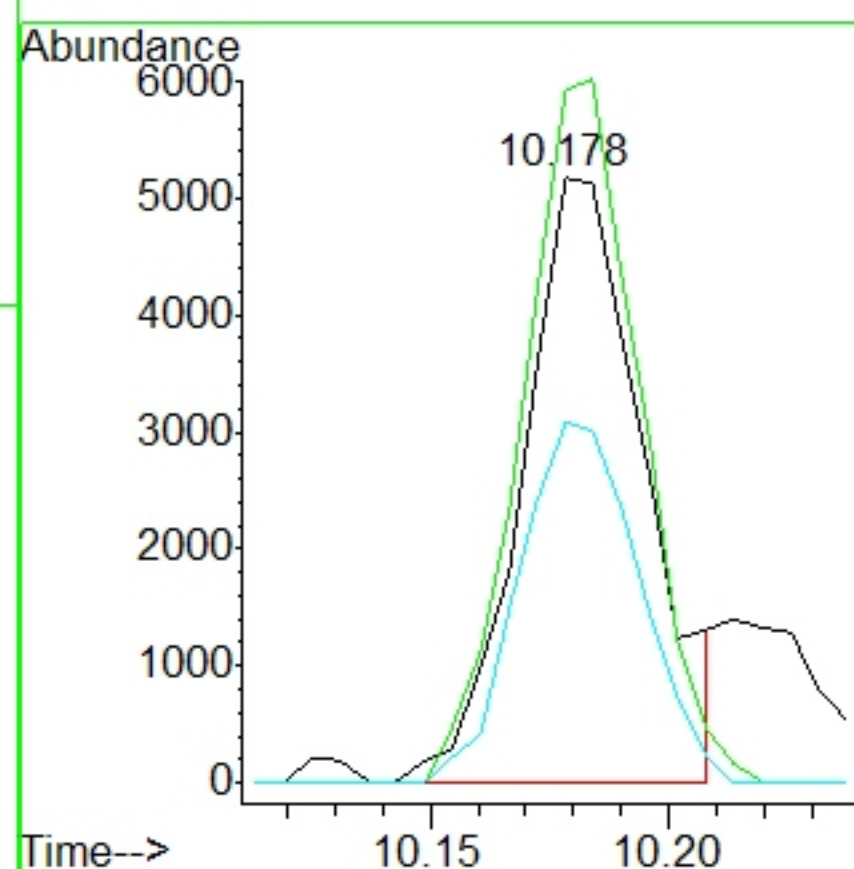
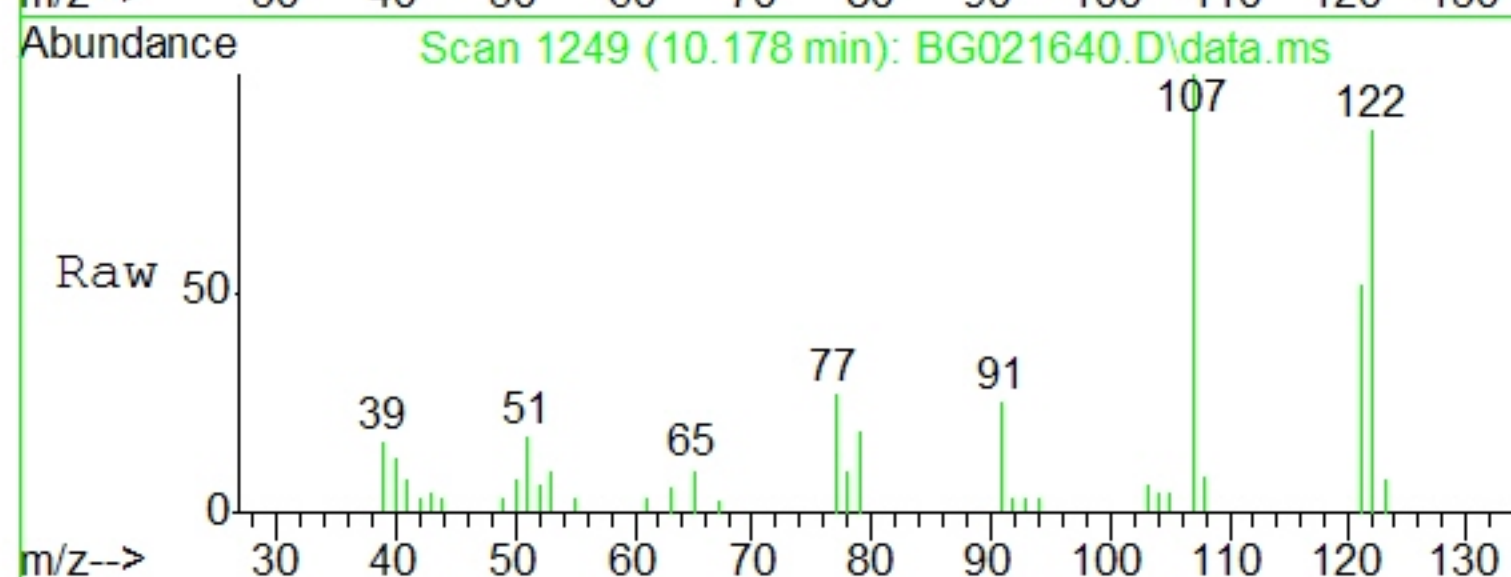




#27  
2,4-Dimethylphenol  
Concen: 4.00 ng  
RT: 10.178 min Scan# 1249  
Delta R.T. -0.011 min  
Lab File: BG021640.D  
Acq: 14 Apr 2016 4:58

Tgt Ion: 122 Resp: 9177

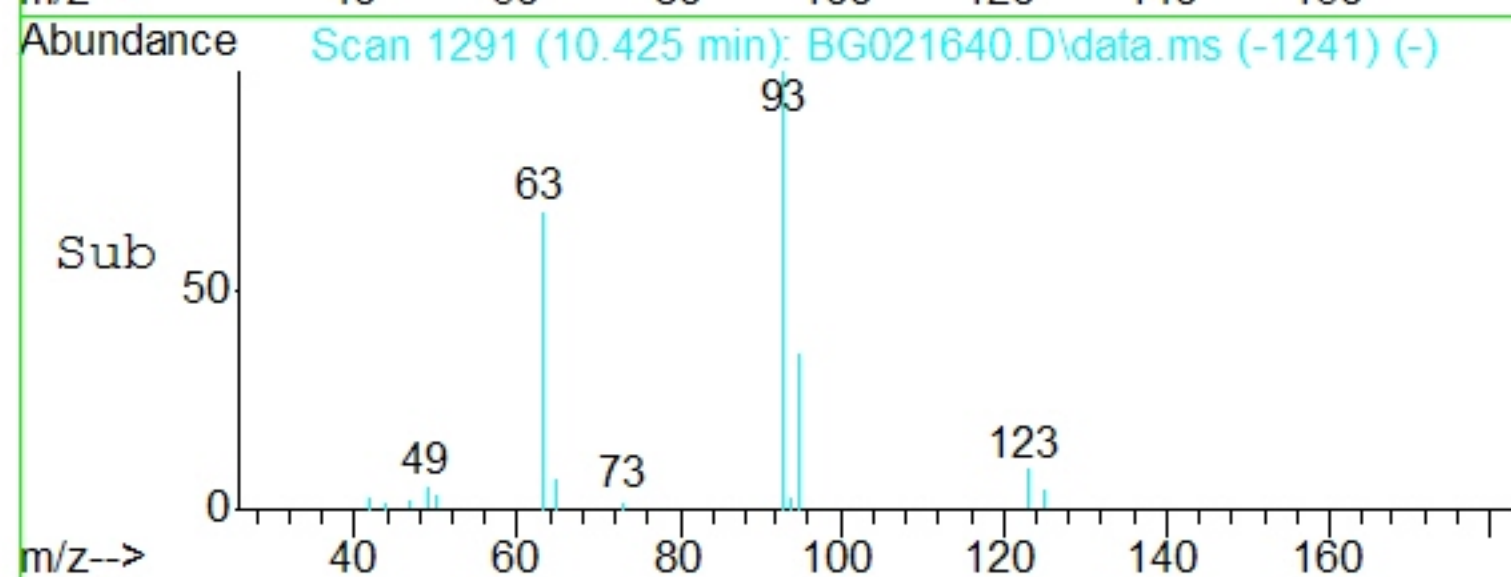
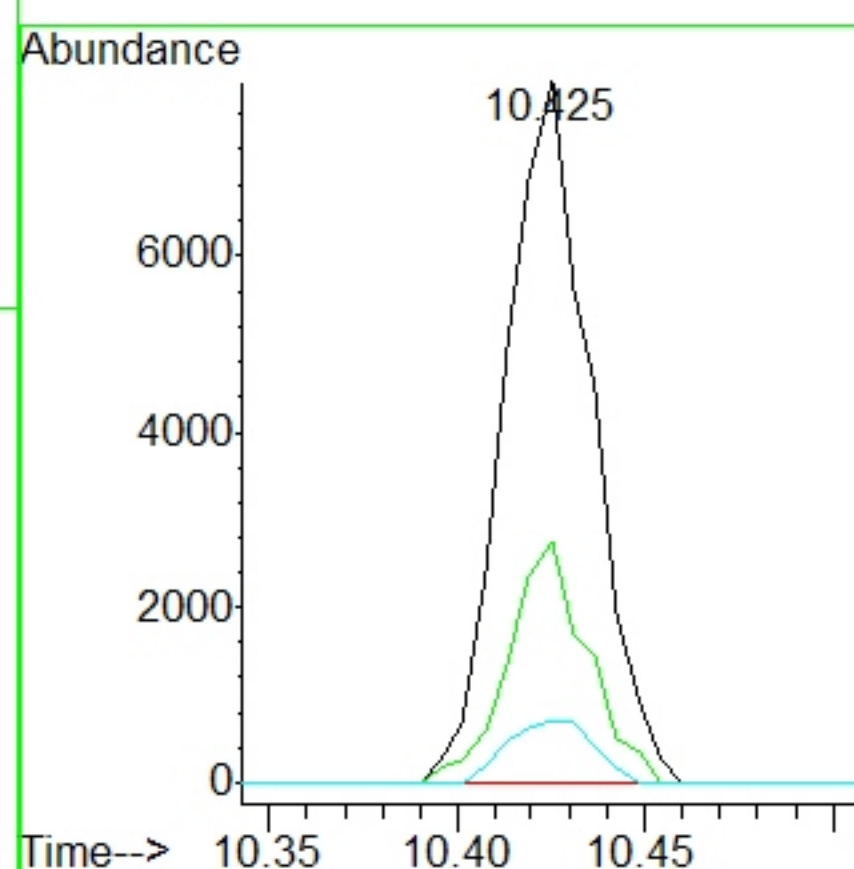
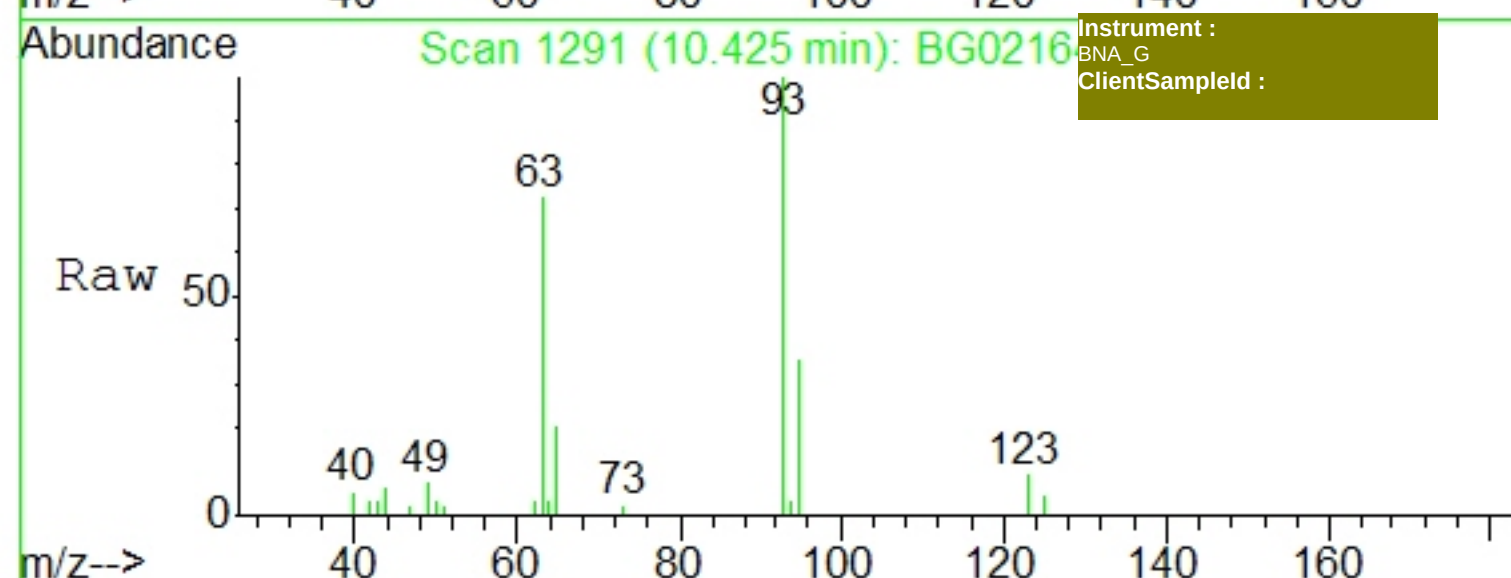
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 122 | 100   |       |       |
| 107 | 114.4 | 97.2  | 145.8 |
| 121 | 59.7  | 49.0  | 73.4  |



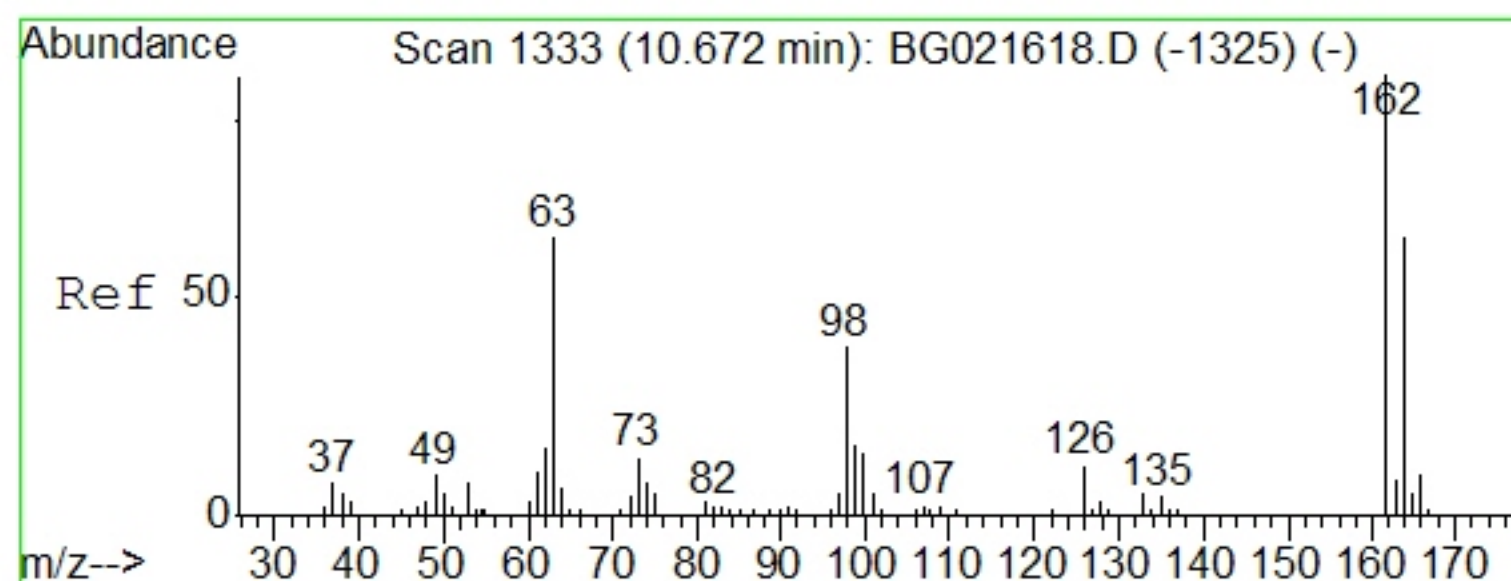
#28  
bis(2-Chloroethoxy)methane  
Concen: 4.47 ng  
RT: 10.425 min Scan# 1291  
Delta R.T. -0.006 min  
Lab File: BG021640.D  
Acq: 14 Apr 2016 4:58

Tgt Ion: 93 Resp: 12838

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 93  | 100   |       |       |
| 95  | 34.5  | 30.1  | 45.1  |
| 123 | 9.0   | 10.2  | 15.4  |

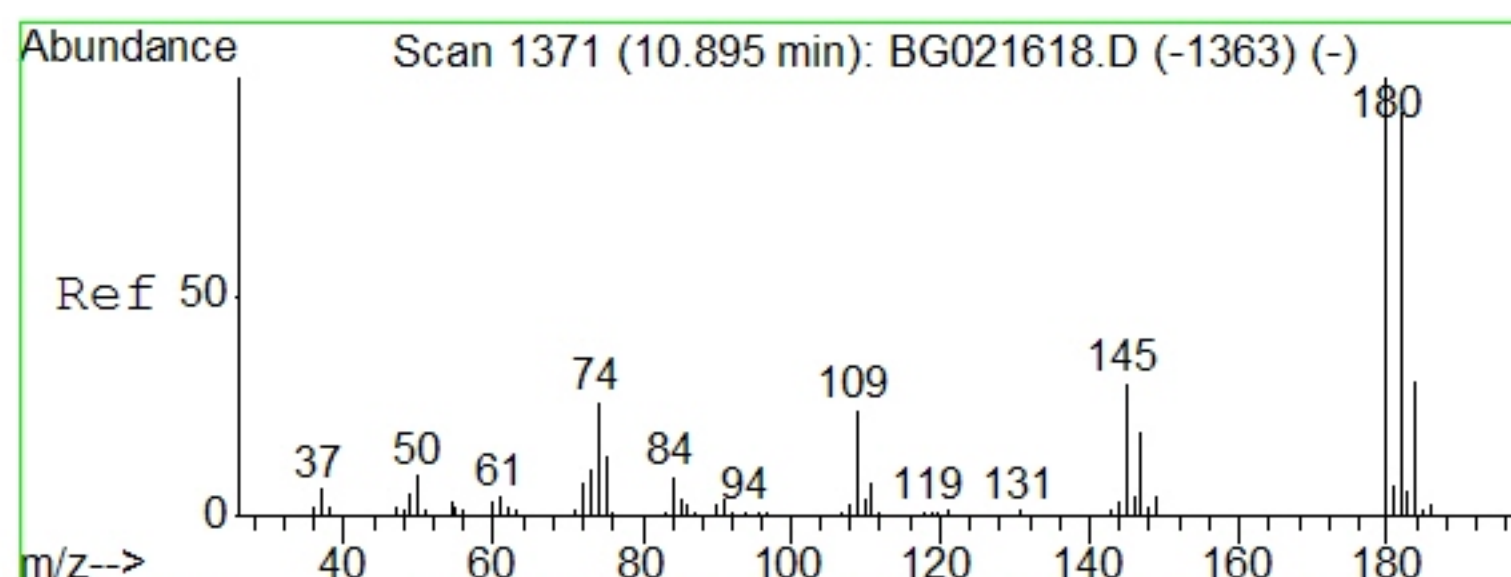
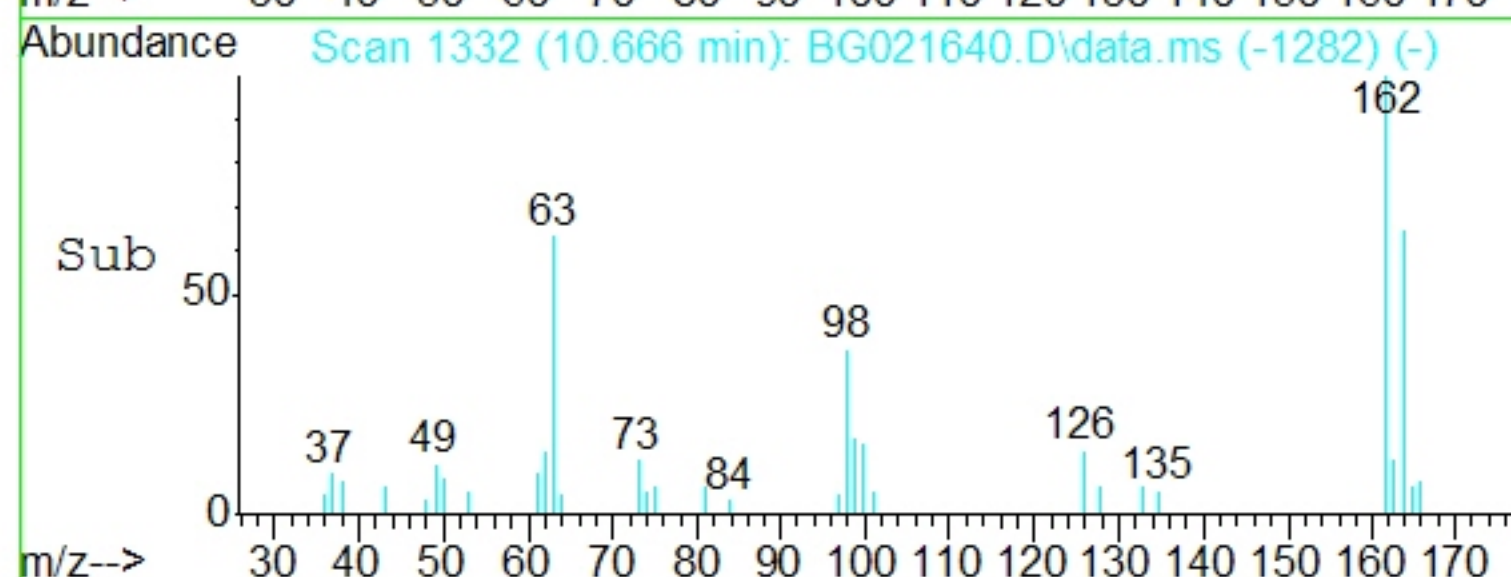
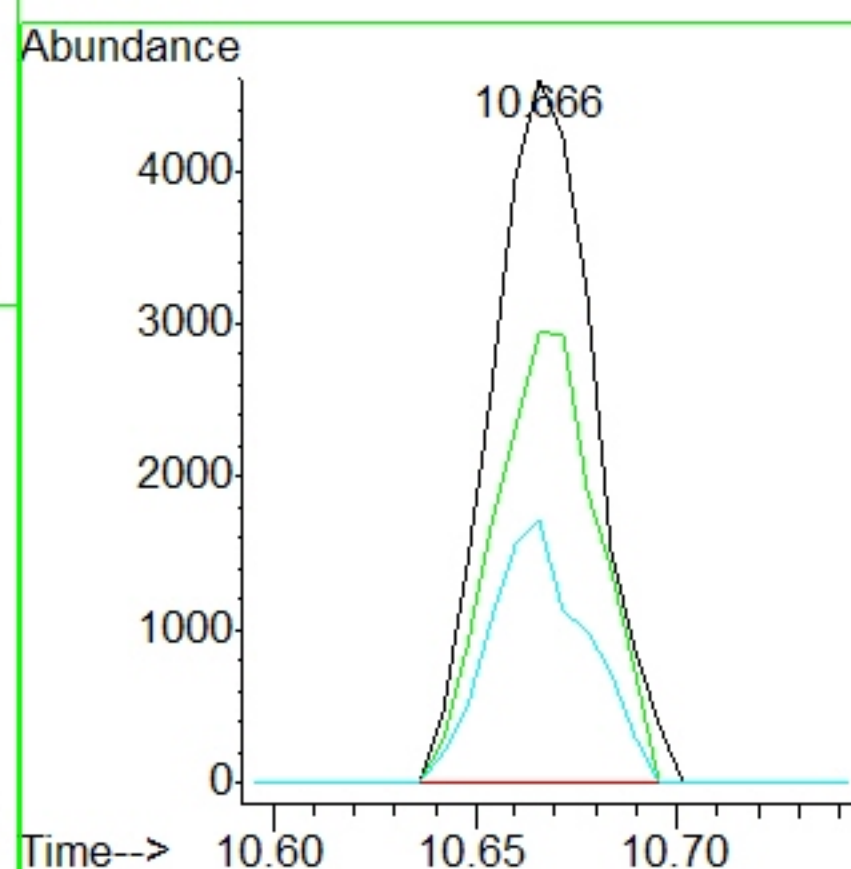
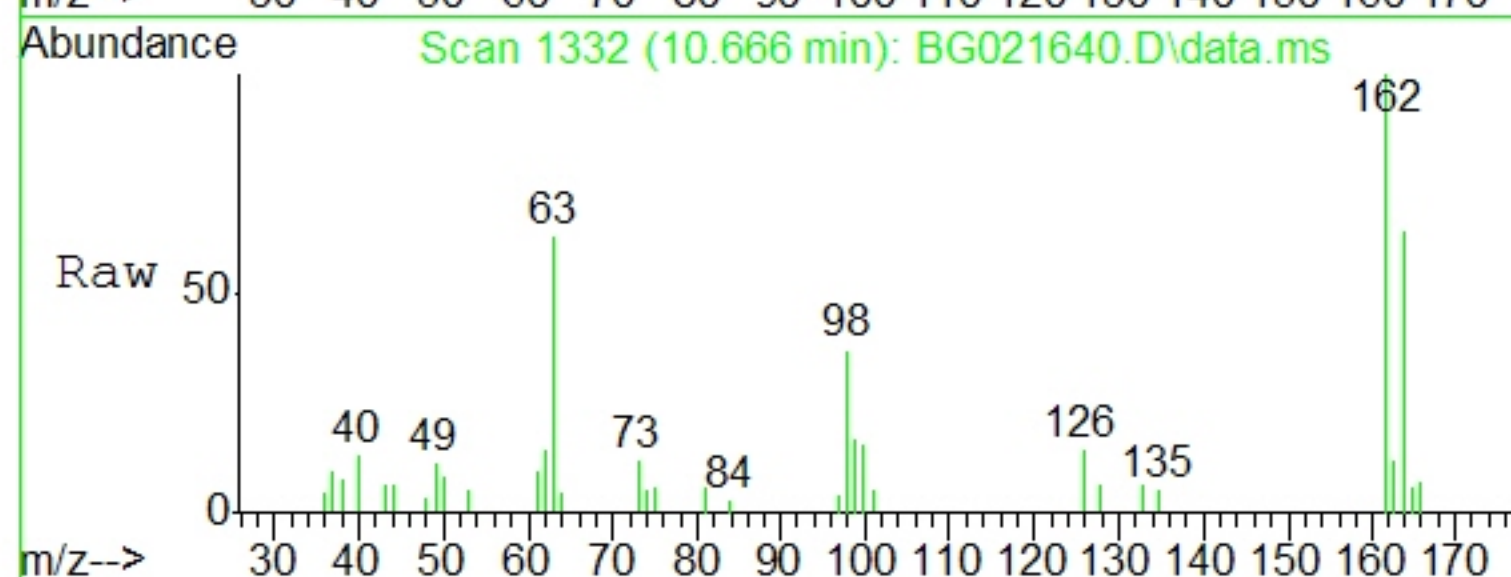






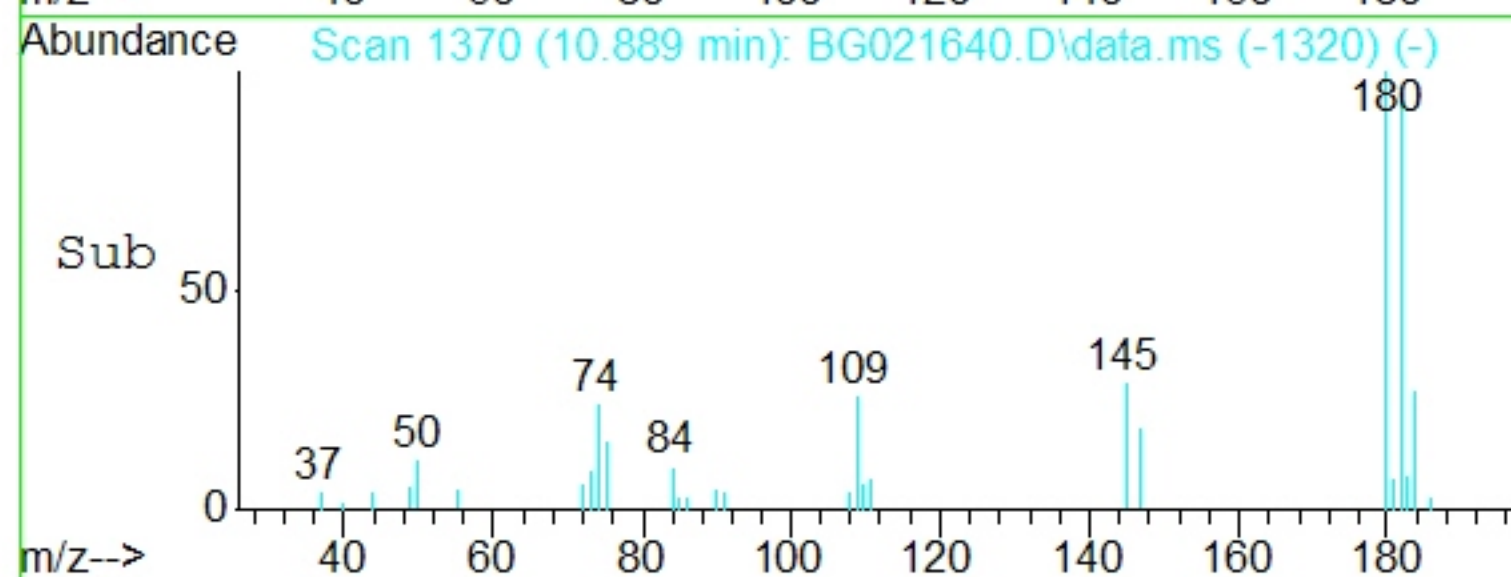
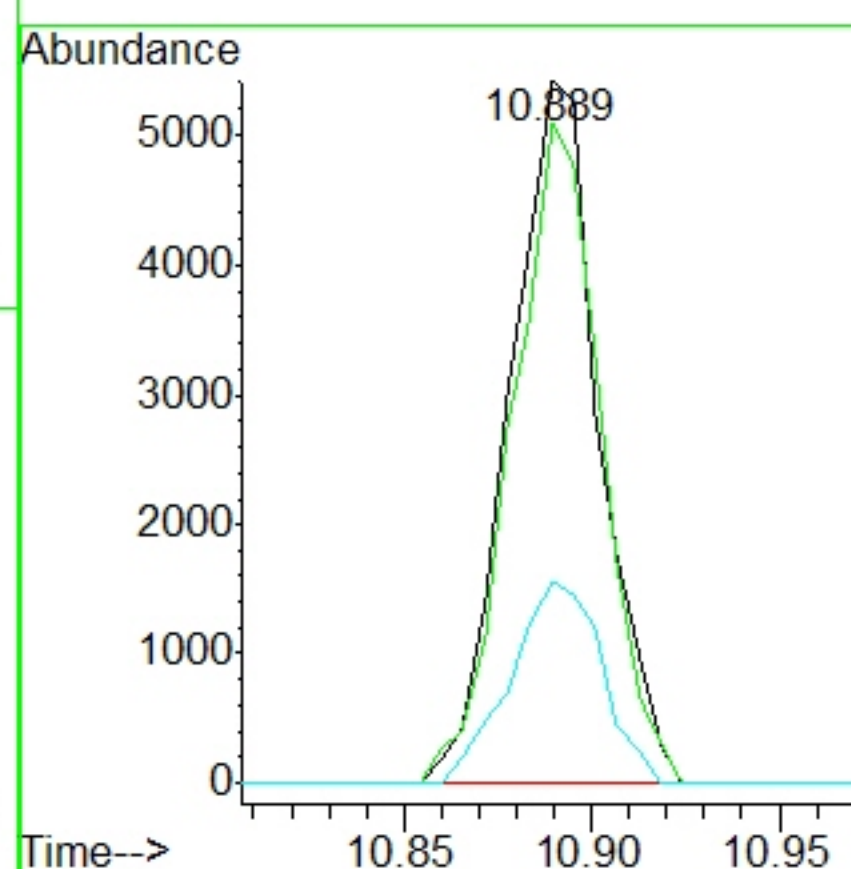
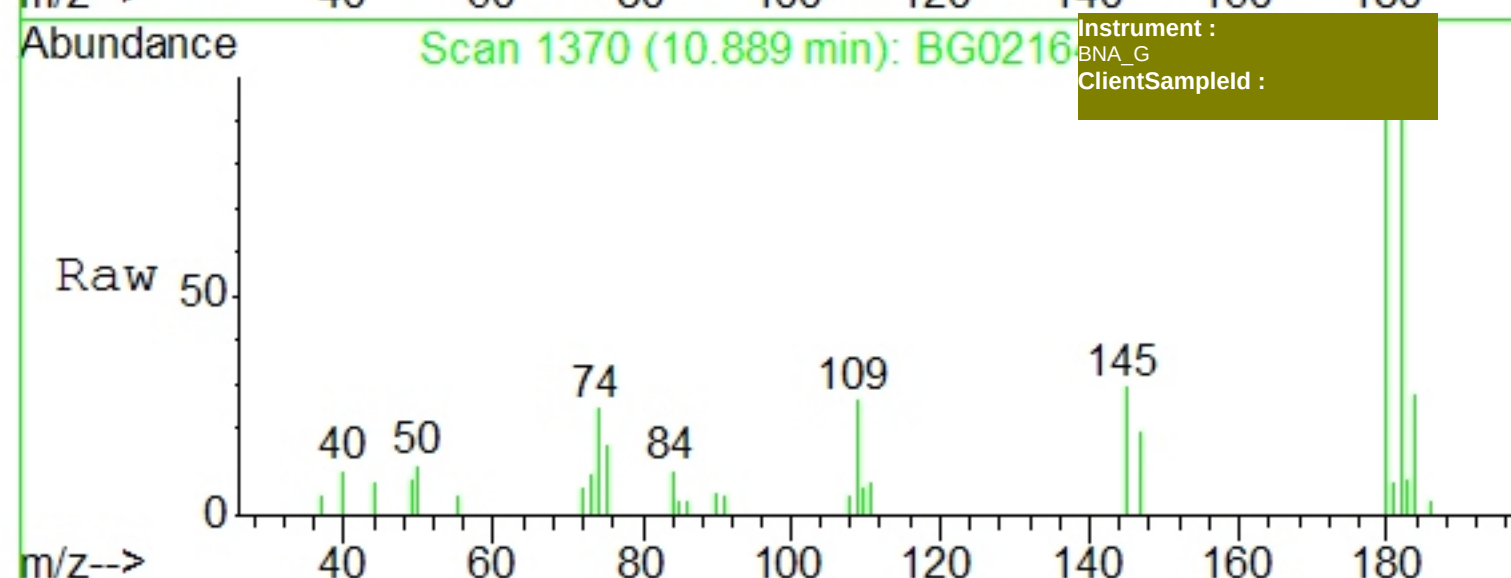
#29  
2,4-Dichlorophenol  
Concen: 4.19 ng  
RT: 10.666 min Scan# 1332  
Delta R.T. -0.006 min  
Lab File: BG021640.D  
Acq: 14 Apr 2016 4:58

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 162     | 100   |       |       |
| 164     | 64.1  | 44.9  | 84.9  |
| 98      | 37.0  | 19.2  | 59.2  |

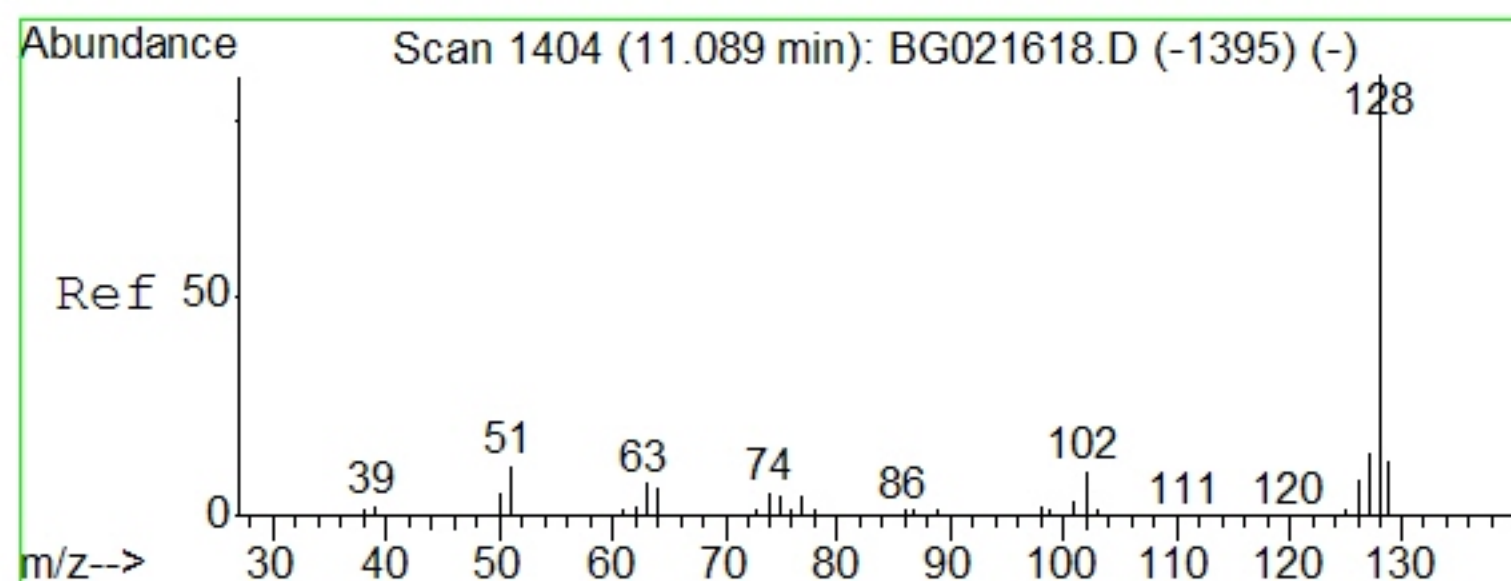


#30  
1,2,4-Trichlorobenzene  
Concen: 4.31 ng  
RT: 10.889 min Scan# 1370  
Delta R.T. -0.006 min  
Lab File: BG021640.D  
Acq: 14 Apr 2016 4:58

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 180     | 100   |       |       |
| 182     | 93.9  | 82.3  | 123.5 |
| 145     | 28.8  | 24.4  | 36.6  |

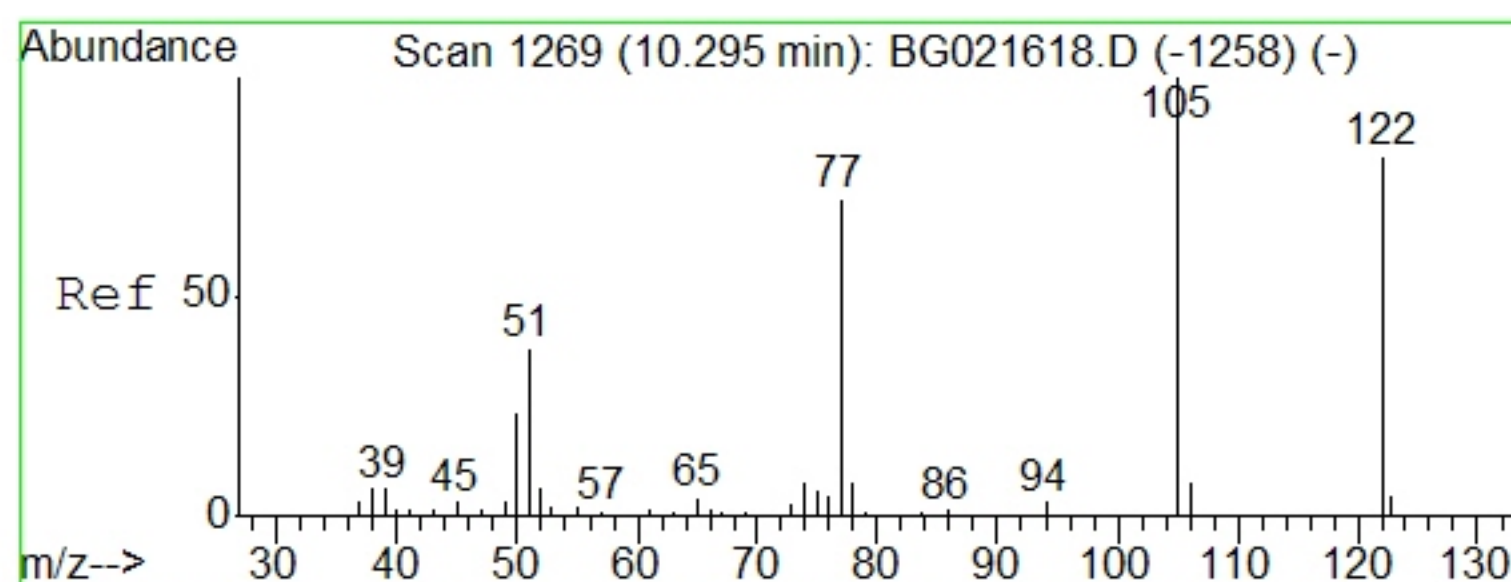
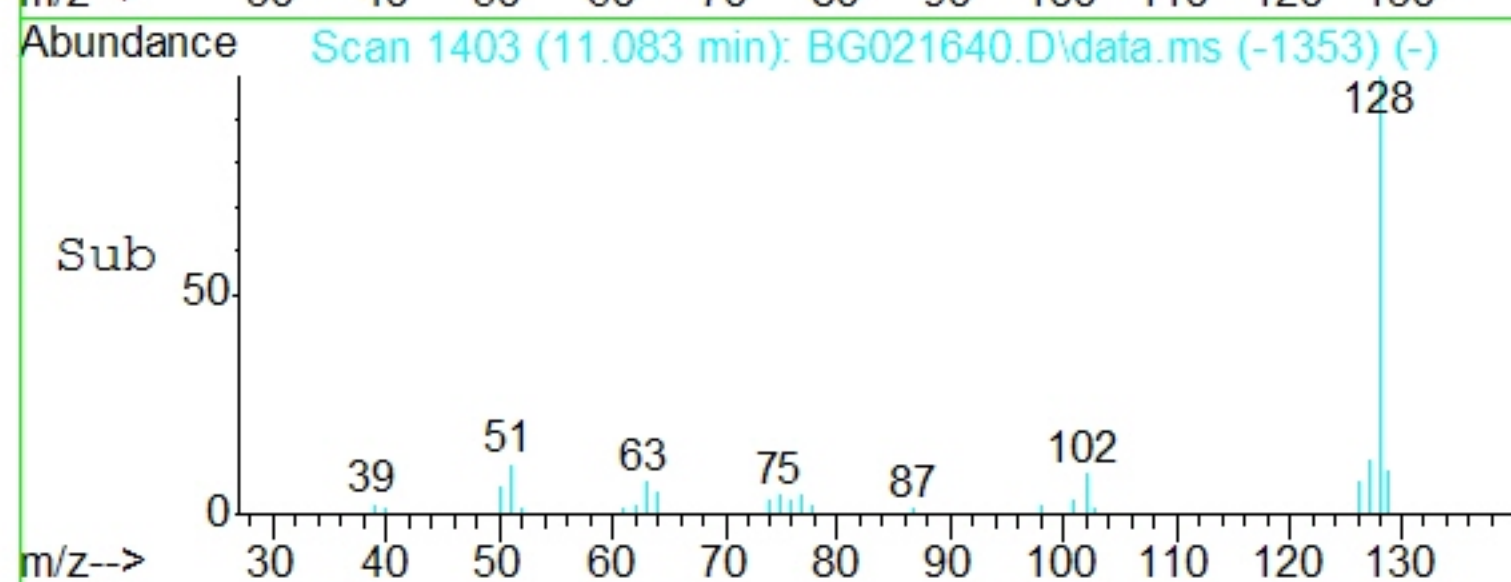
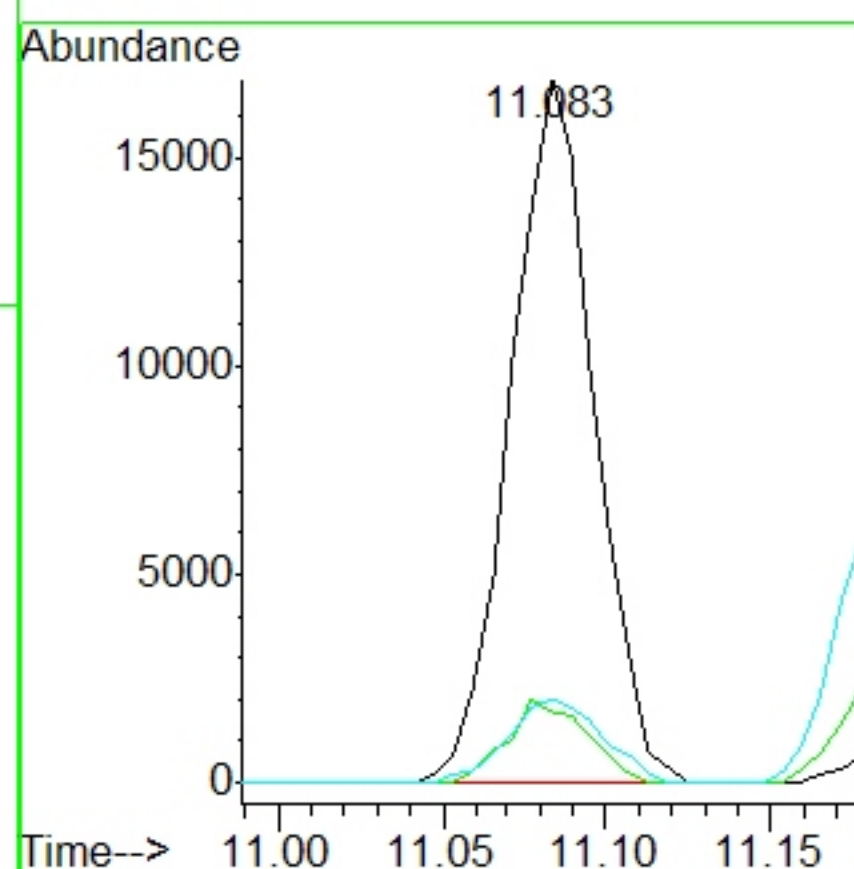
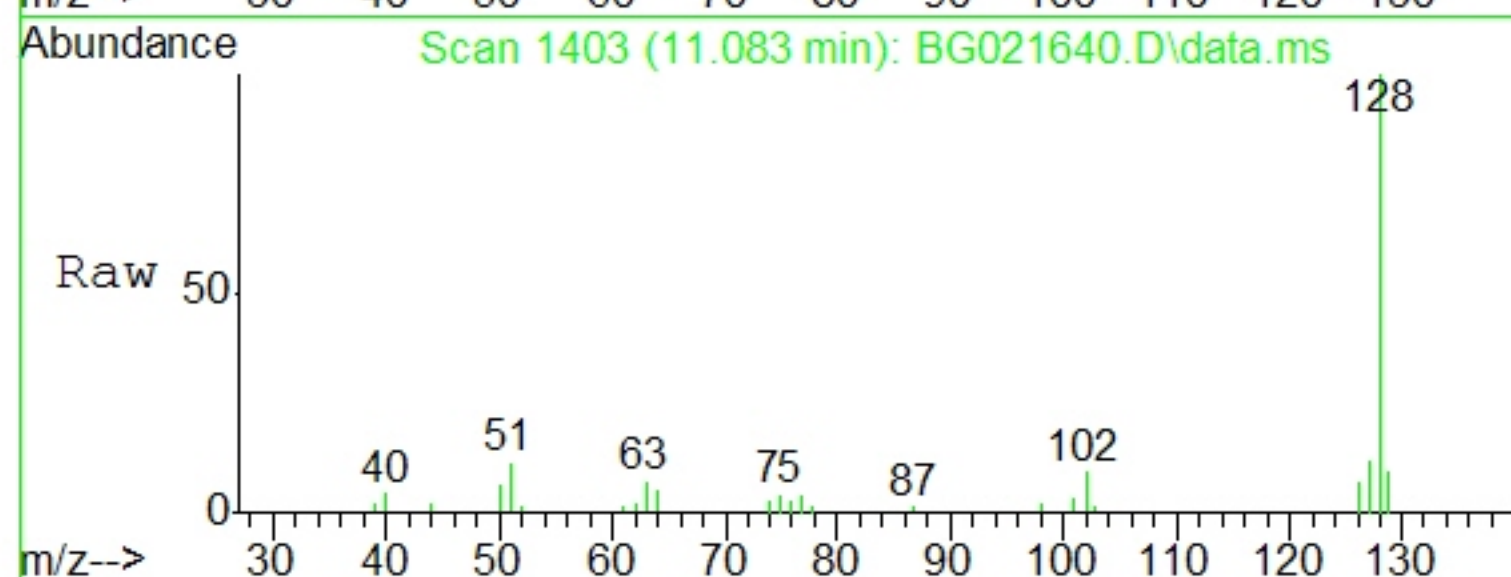






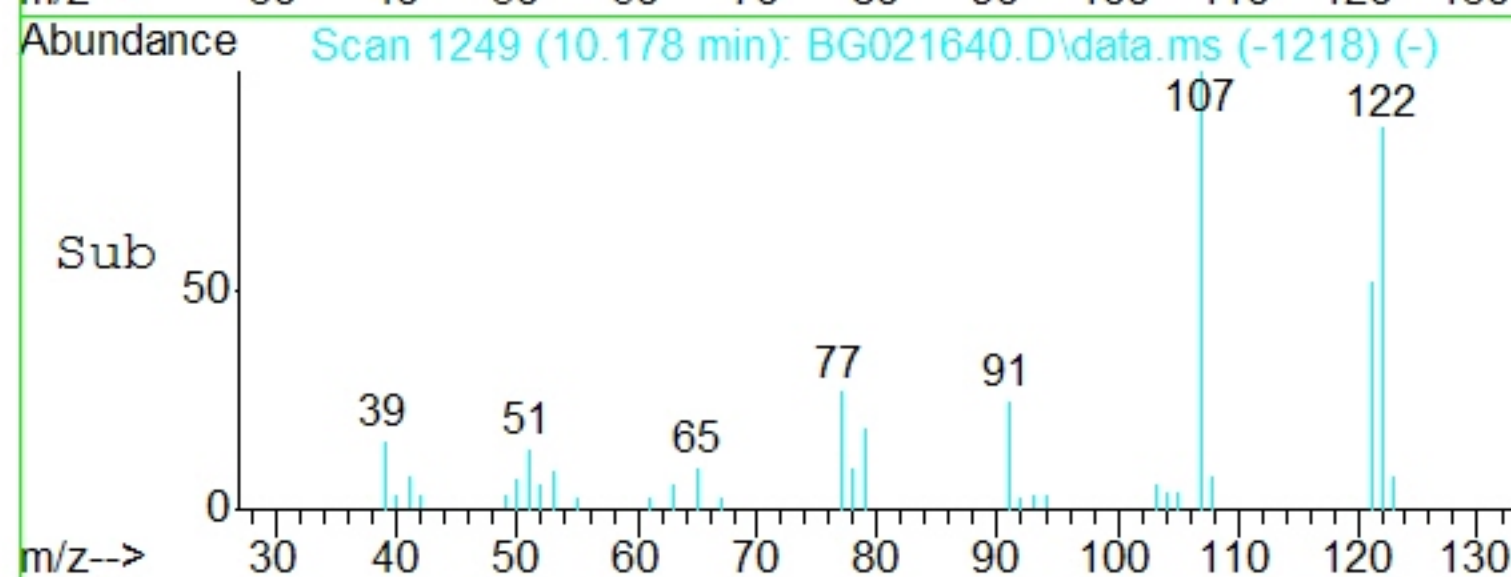
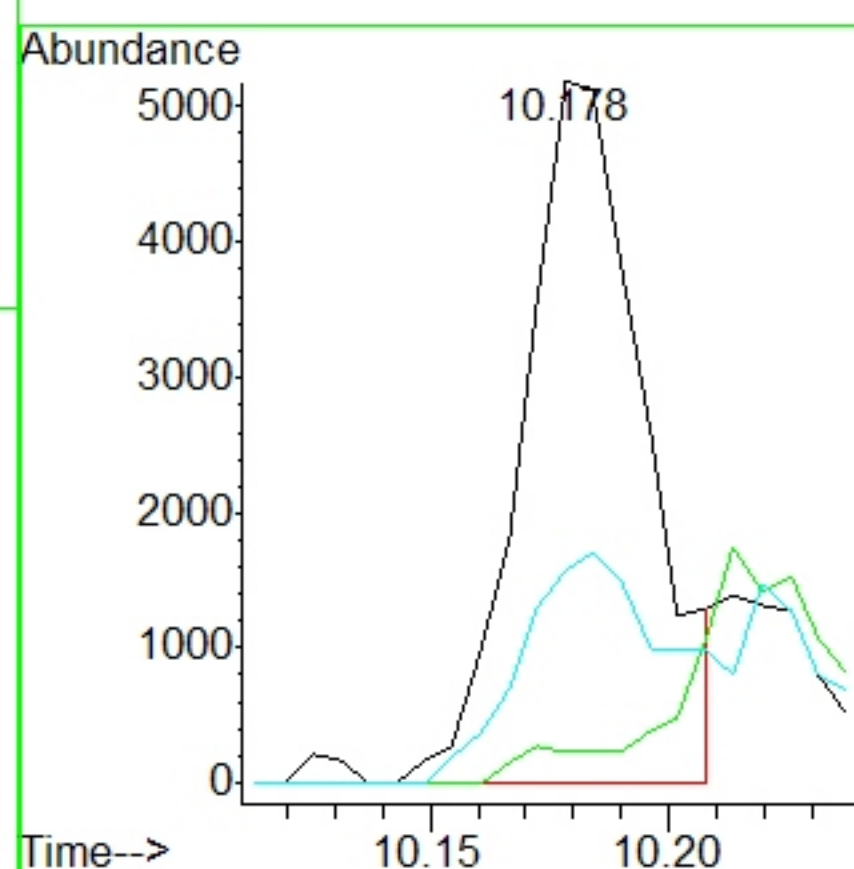
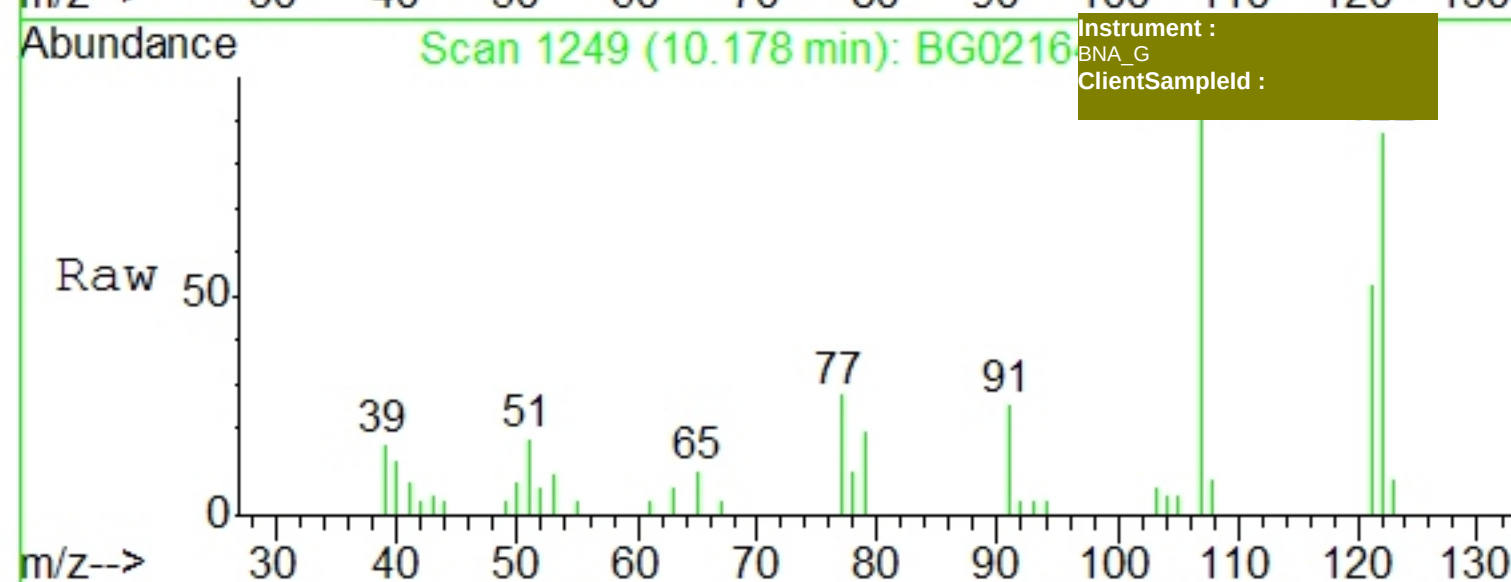
#31  
Naphthalene  
Concen: 4.37 ng  
RT: 11.083 min Scan# 1403  
Delta R.T. -0.006 min  
Lab File: BG021640.D  
Acq: 14 Apr 2016 4:58

Tgt Ion:128 Resp: 29735  
Ion Ratio Lower Upper  
128 100  
129 9.7 7.0 10.6  
127 11.9 10.1 15.1

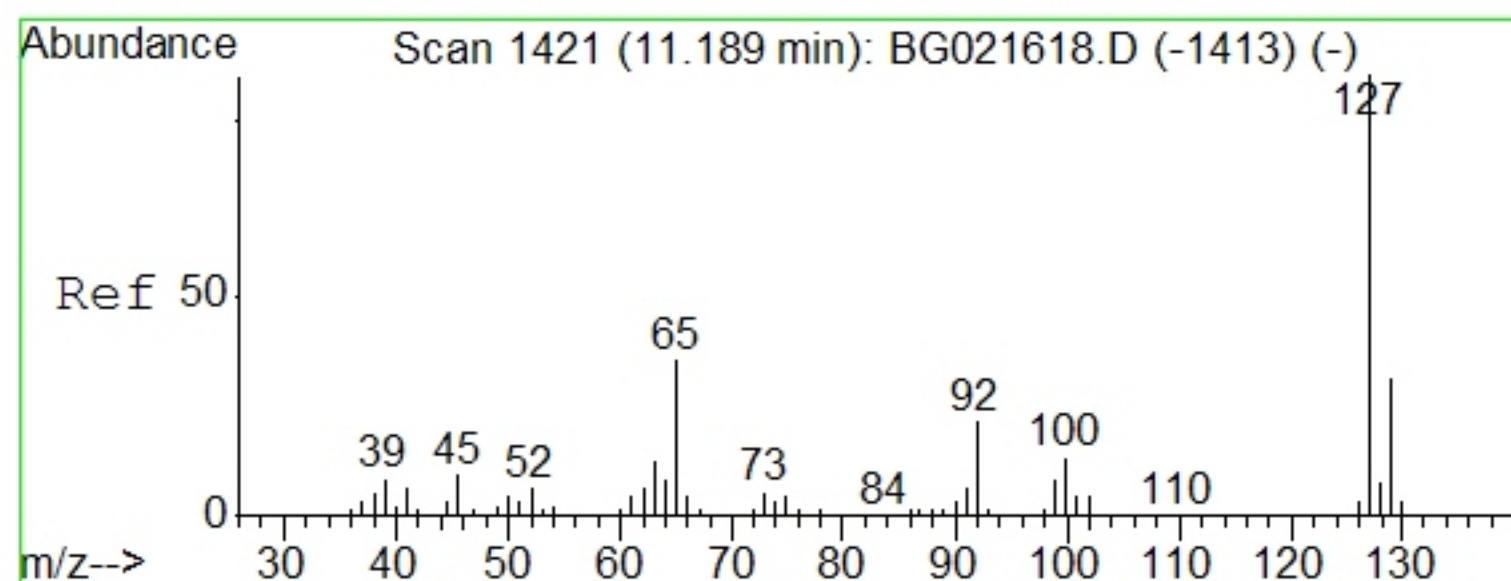


#32  
Benzoic acid  
Concen: 12.03 ng  
RT: 10.178 min Scan# 1249  
Delta R.T. -0.117 min  
Lab File: BG021640.D  
Acq: 14 Apr 2016 4:58

Tgt Ion:122 Resp: 9177  
Ion Ratio Lower Upper  
122 100  
105 4.8 104.5 144.5#  
77 30.5 79.9 119.9#

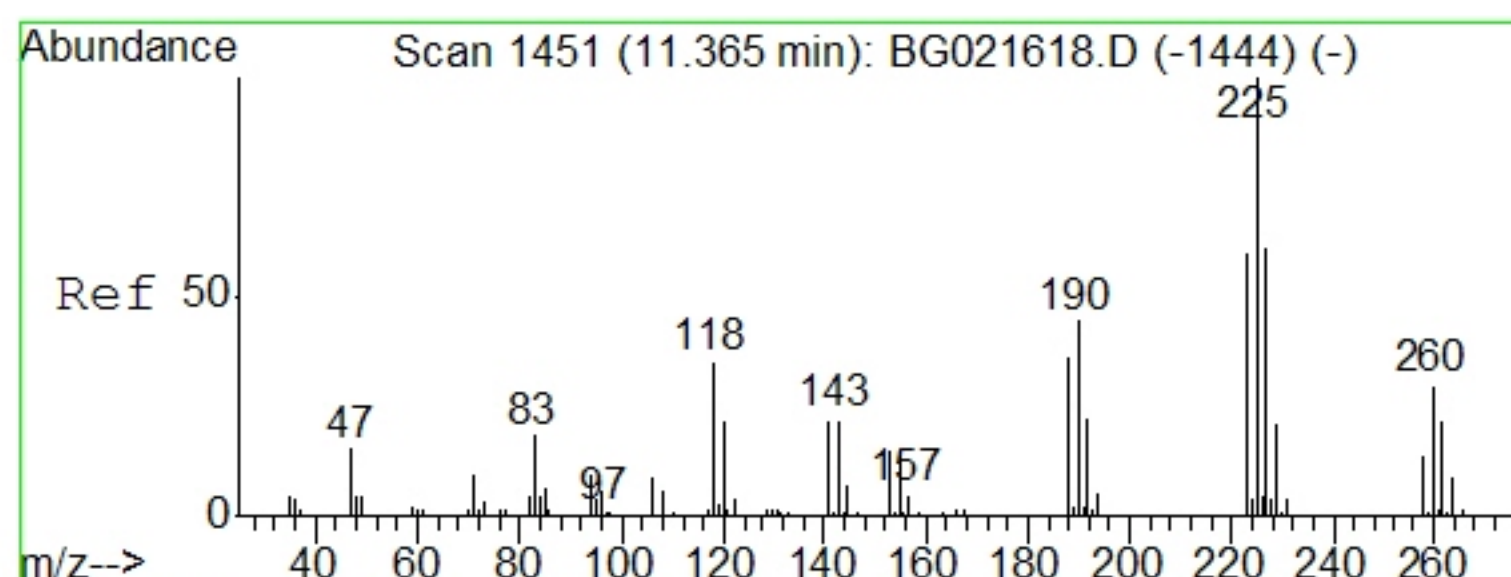
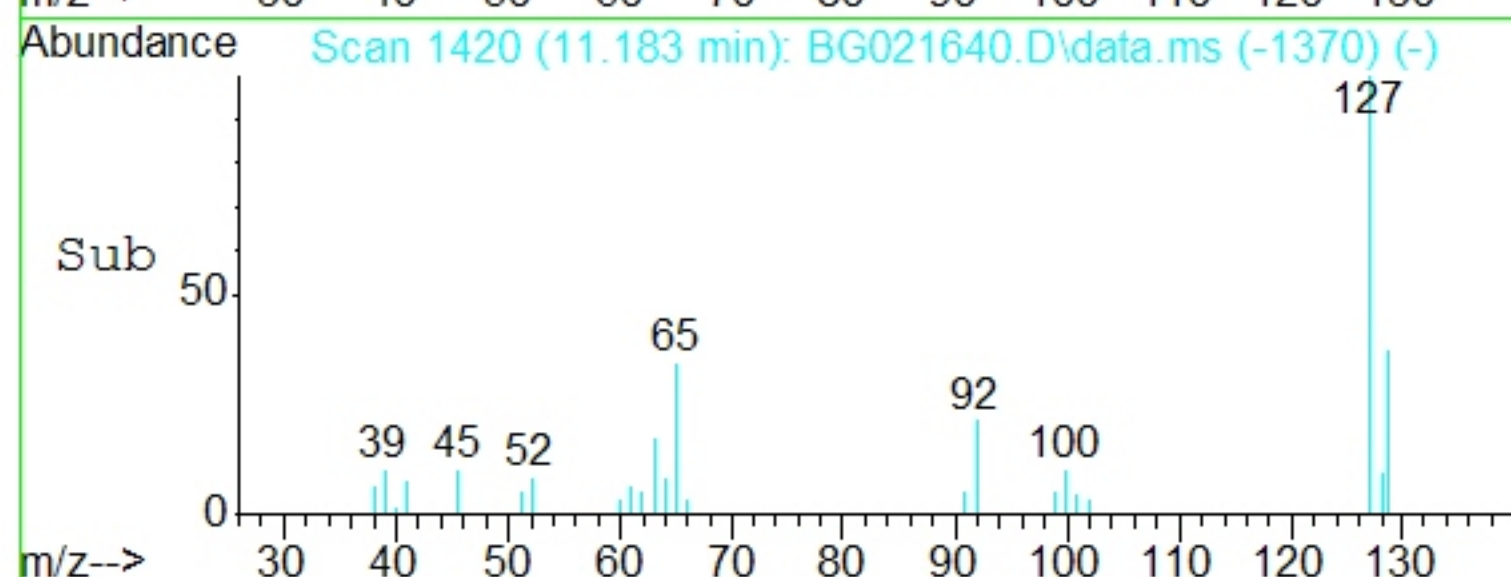
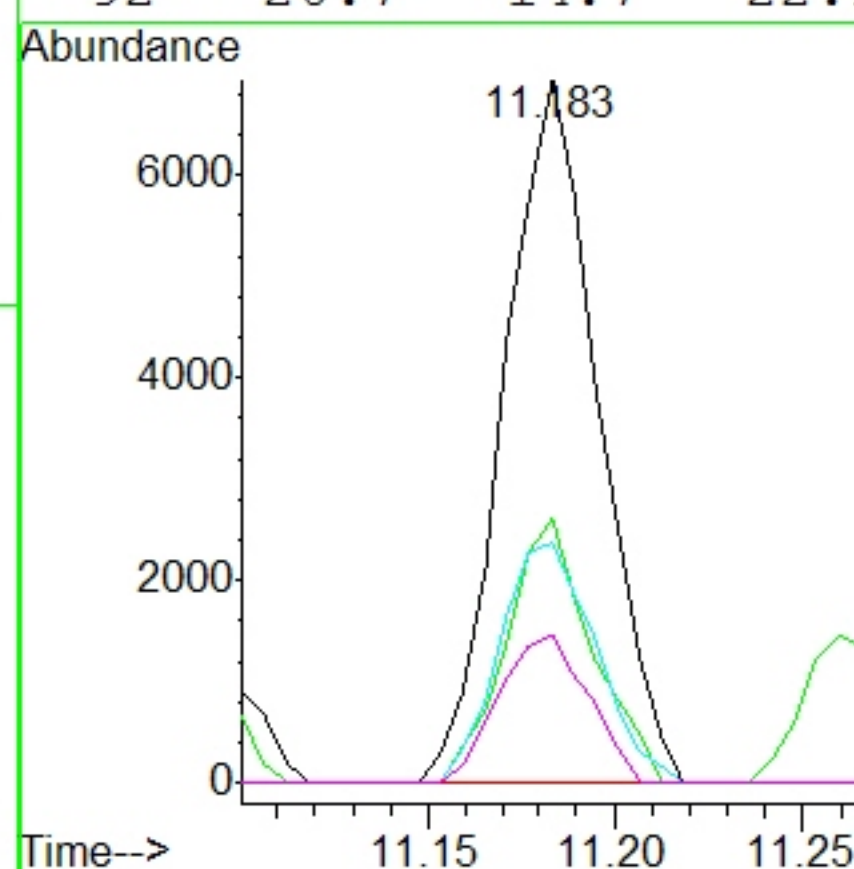
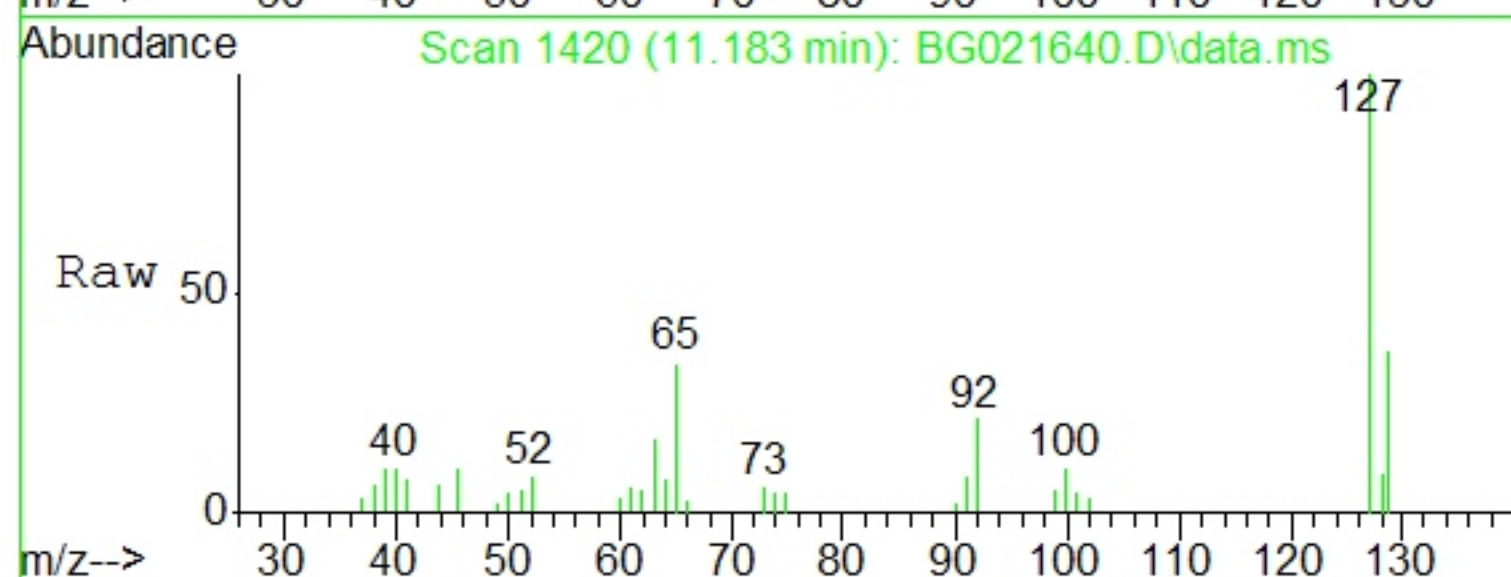






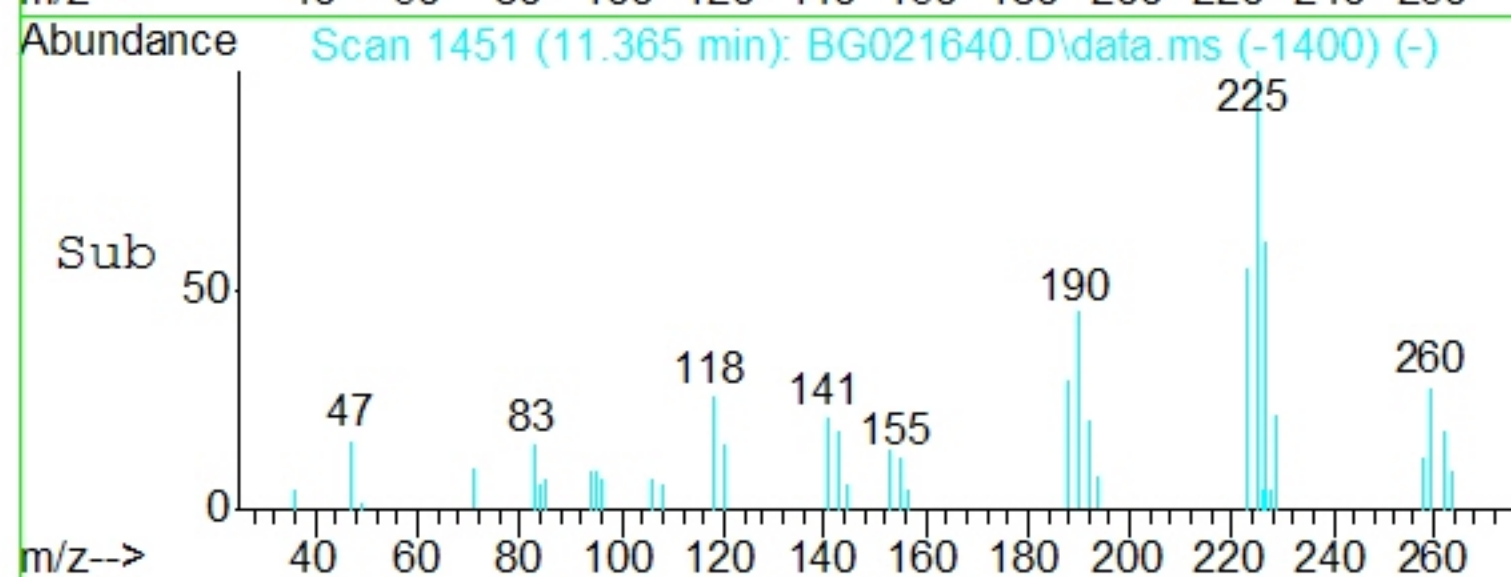
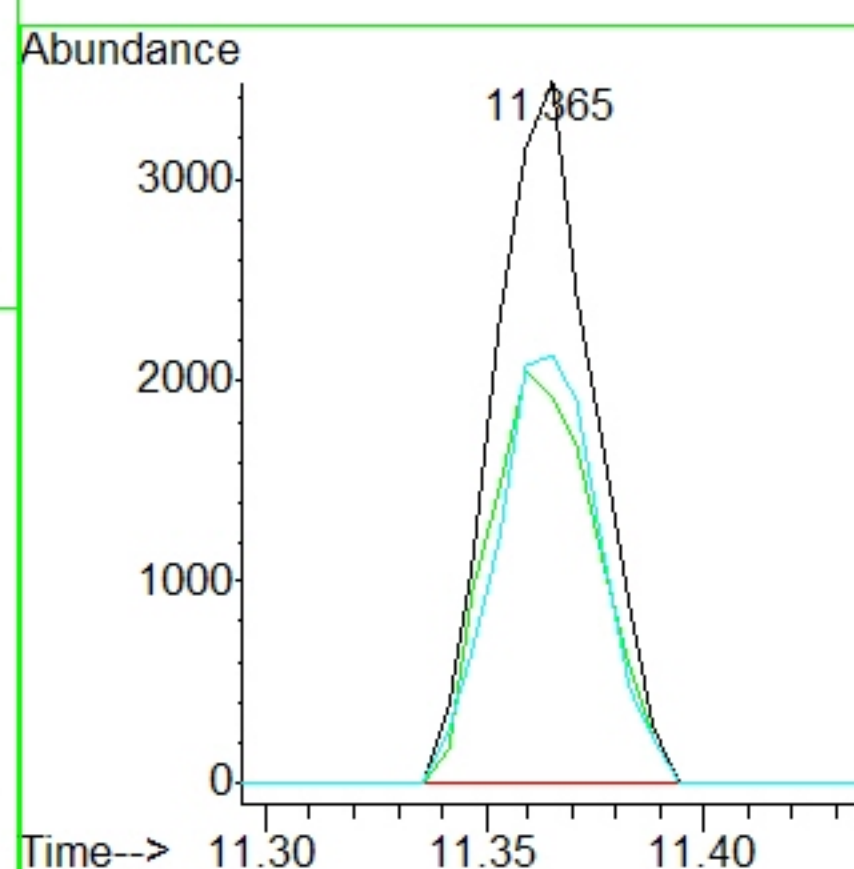
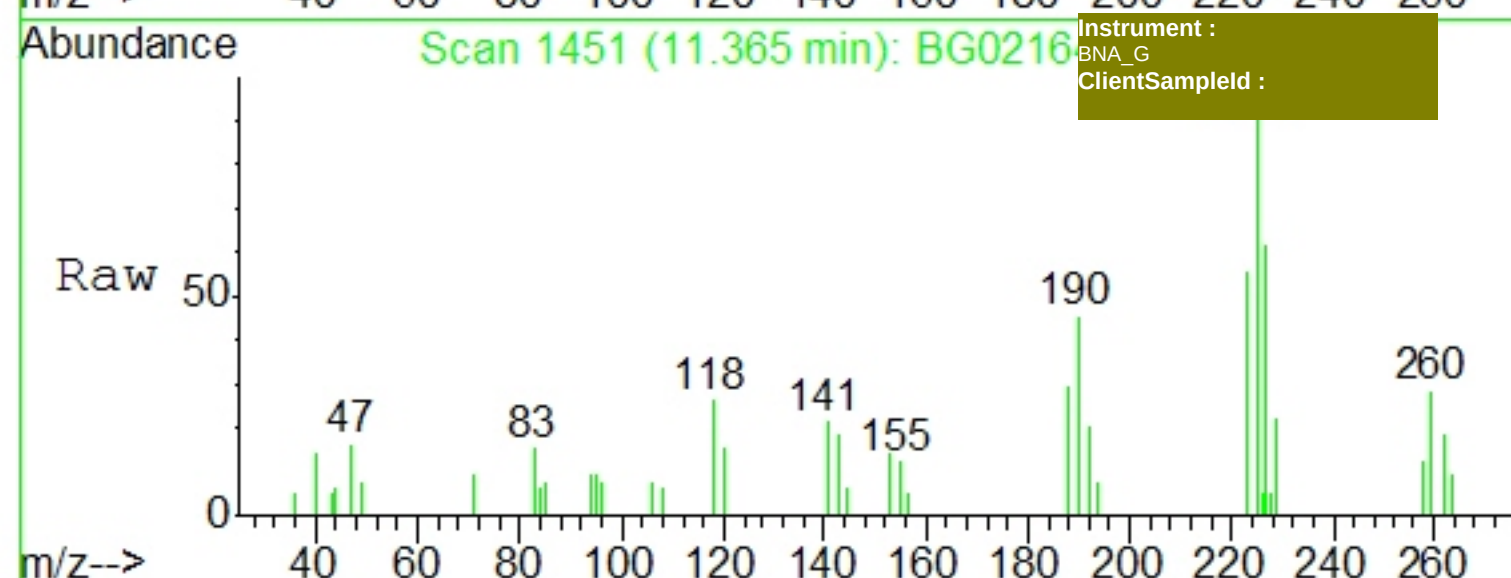
#33  
4-Chloroaniline  
Concen: 4.11 ng  
RT: 11.183 min Scan# 1420  
Delta R.T. -0.006 min  
Lab File: BG021640.D  
Acq: 14 Apr 2016 4:58

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 127   | Resp: | 12108 |
| Ion      | Ratio | Lower | Upper |
| 127      | 100   |       |       |
| 129      | 37.5  | 26.6  | 39.8  |
| 65       | 34.0  | 27.5  | 41.3  |
| 92       | 20.7  | 14.7  | 22.1  |

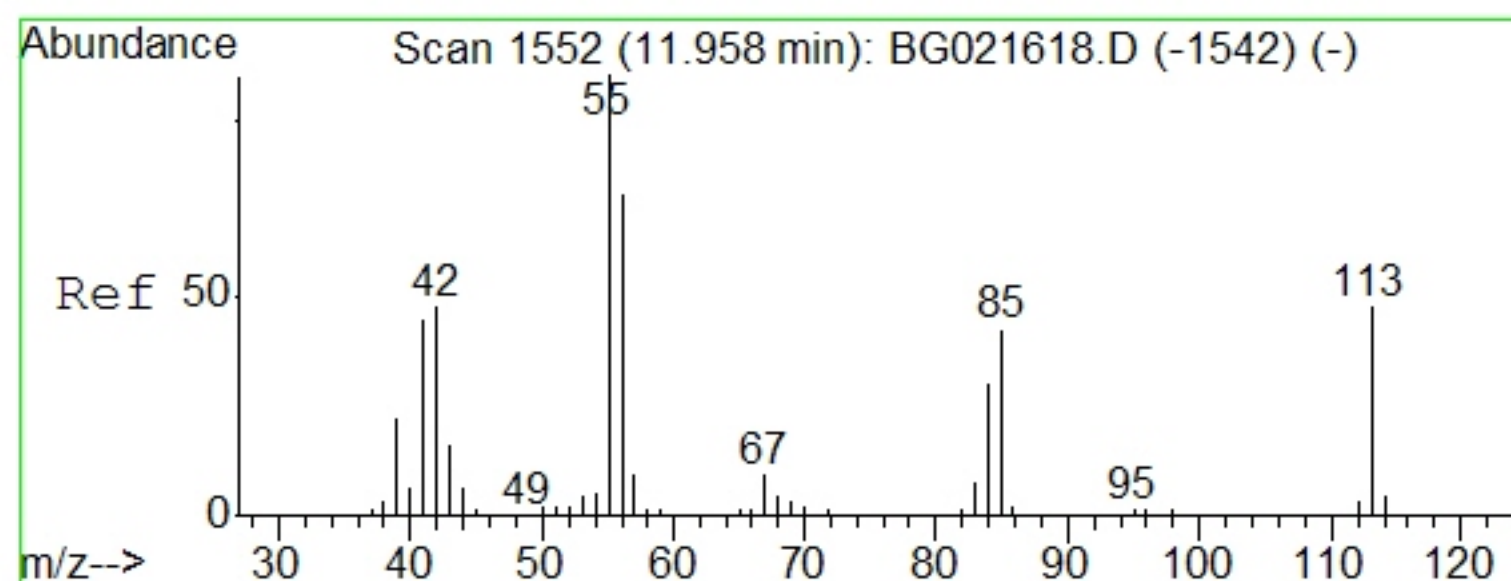


#34  
Hexachlorobutadiene  
Concen: 4.08 ng  
RT: 11.365 min Scan# 1451  
Delta R.T. 0.000 min  
Lab File: BG021640.D  
Acq: 14 Apr 2016 4:58

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 225   | Resp: | 5532  |
| Ion      | Ratio | Lower | Upper |
| 225      | 100   |       |       |
| 223      | 55.1  | 52.7  | 79.1  |
| 227      | 65.5  | 49.7  | 74.5  |

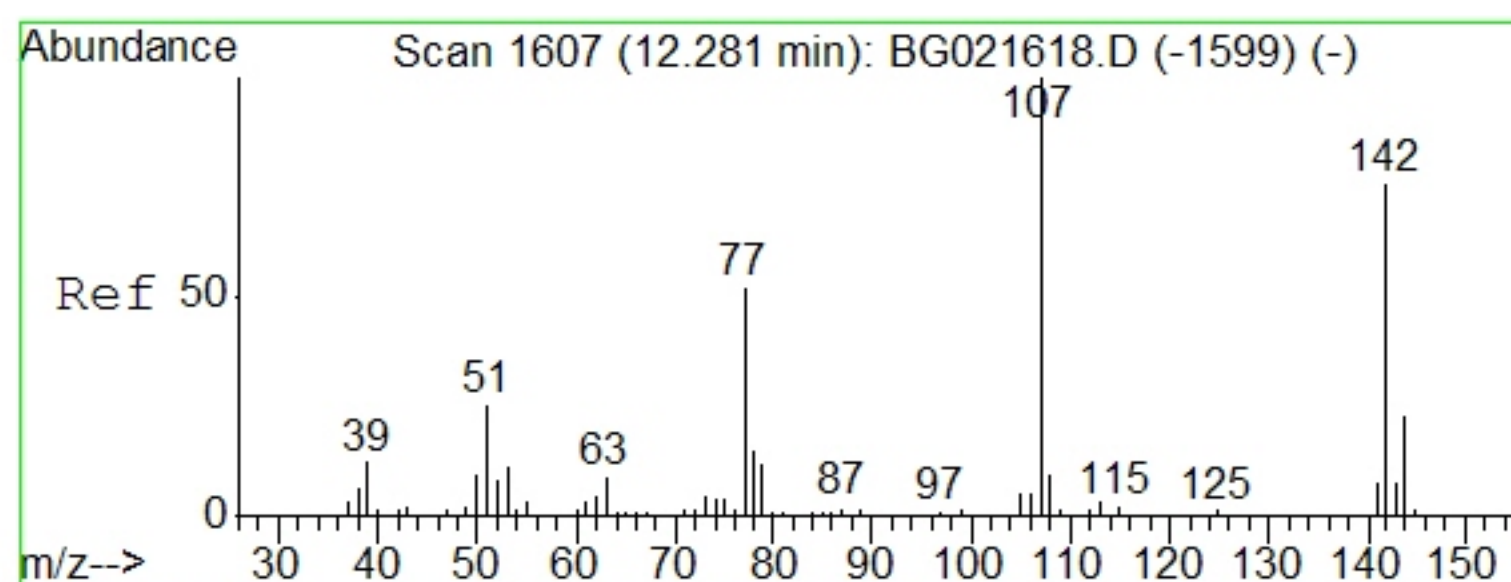
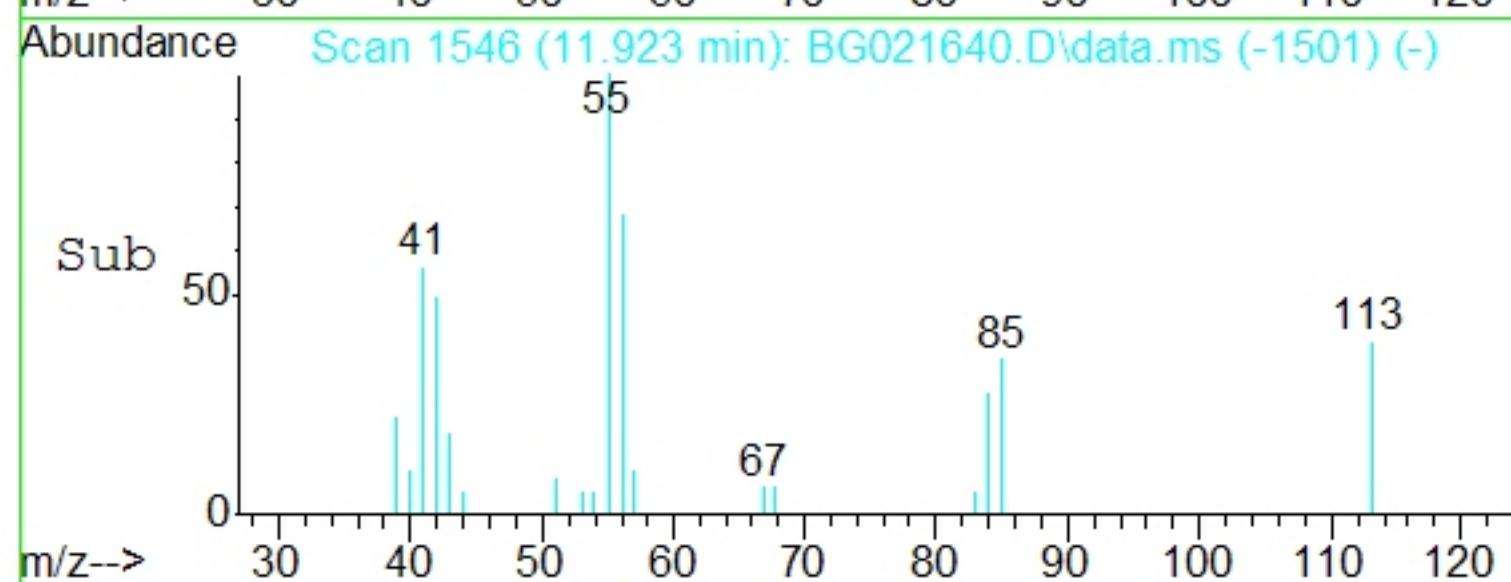
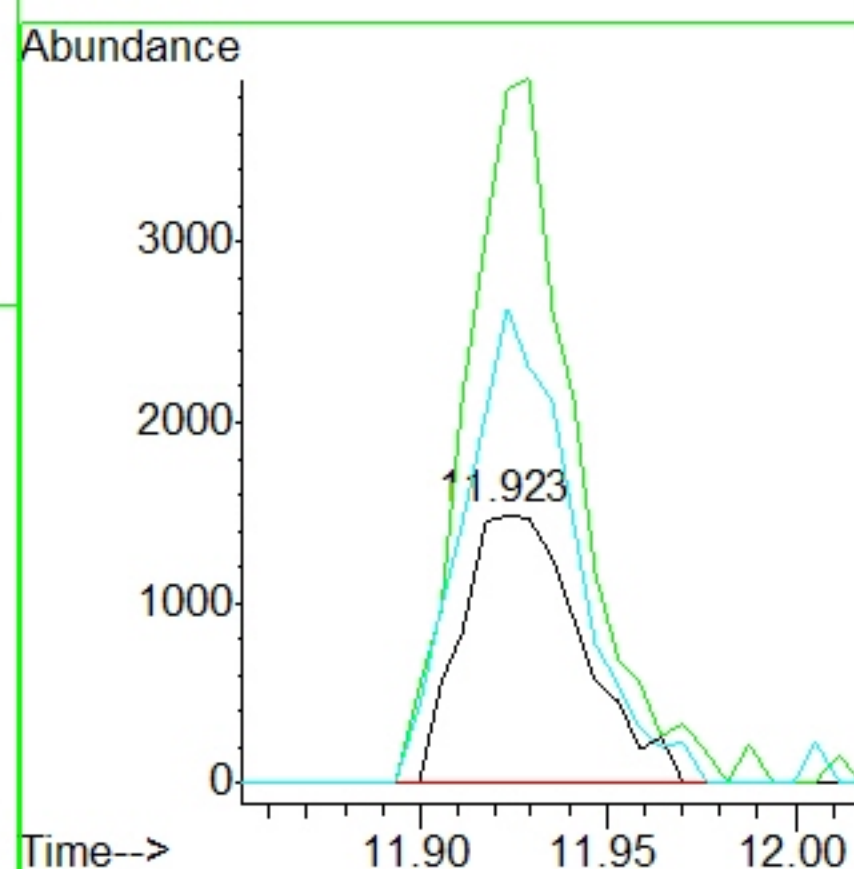
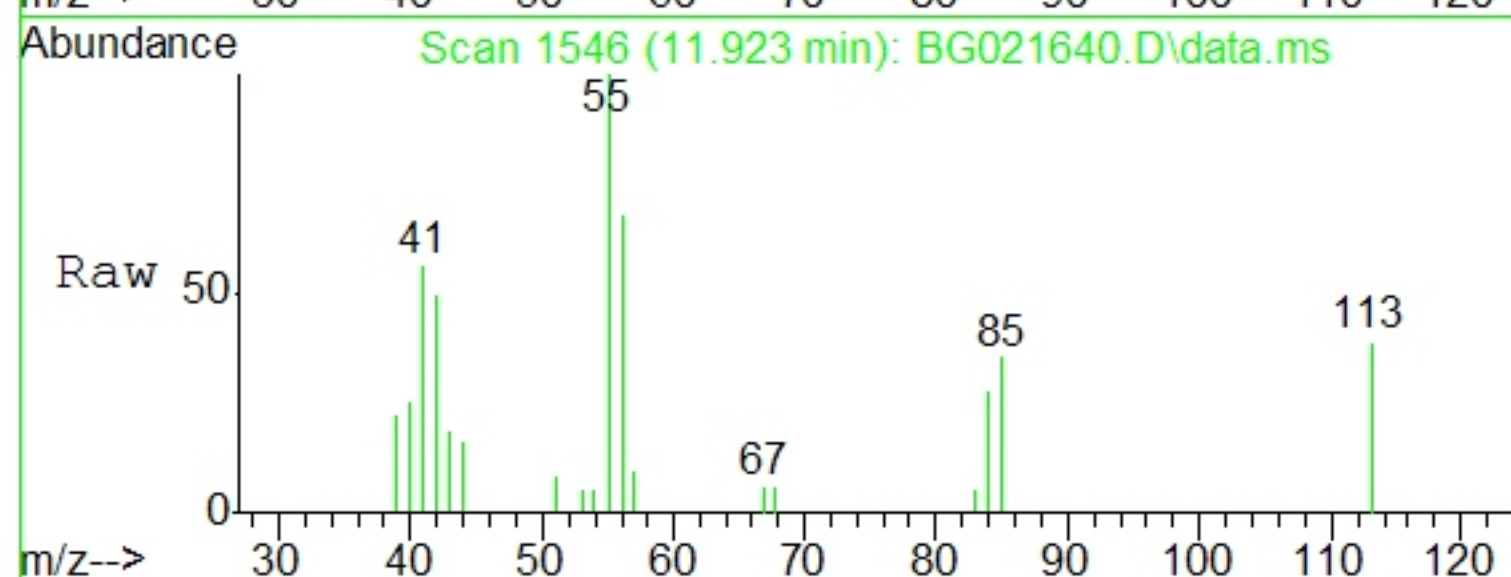






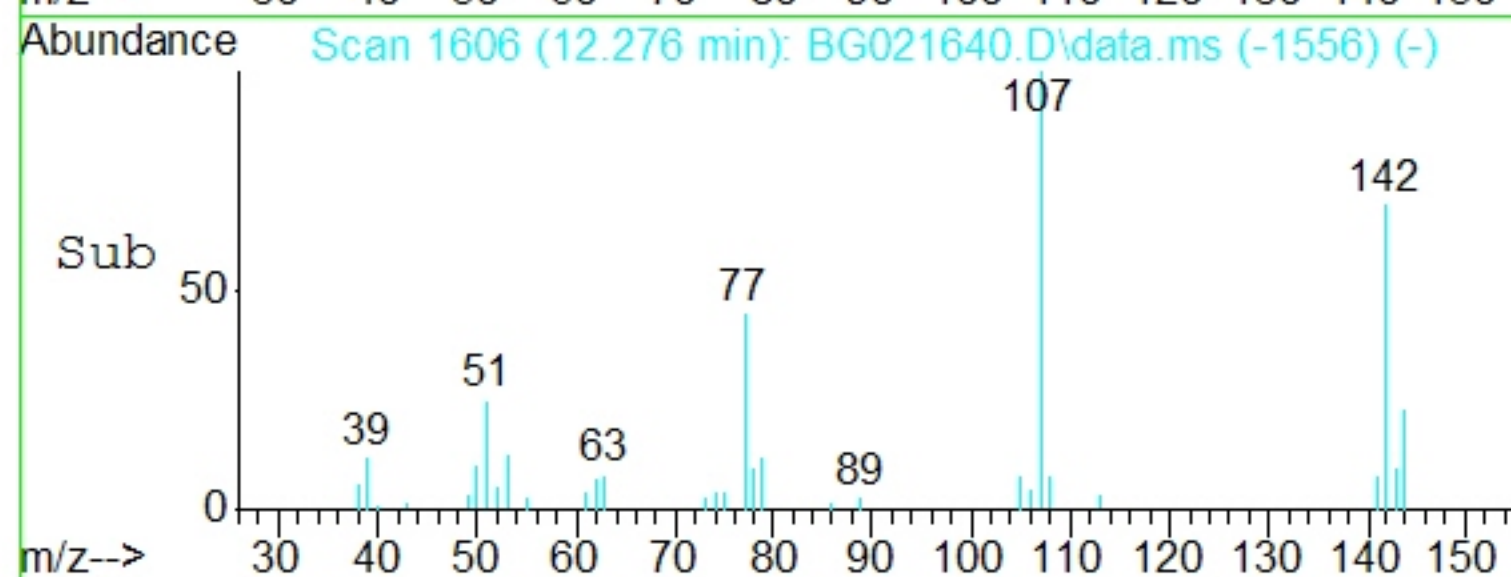
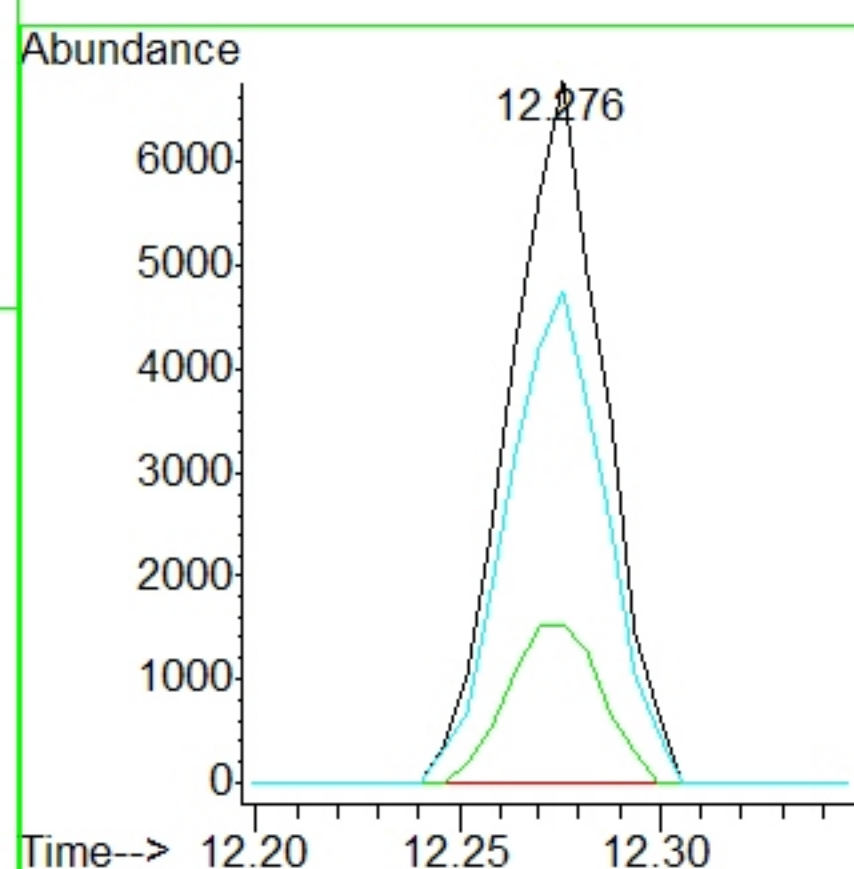
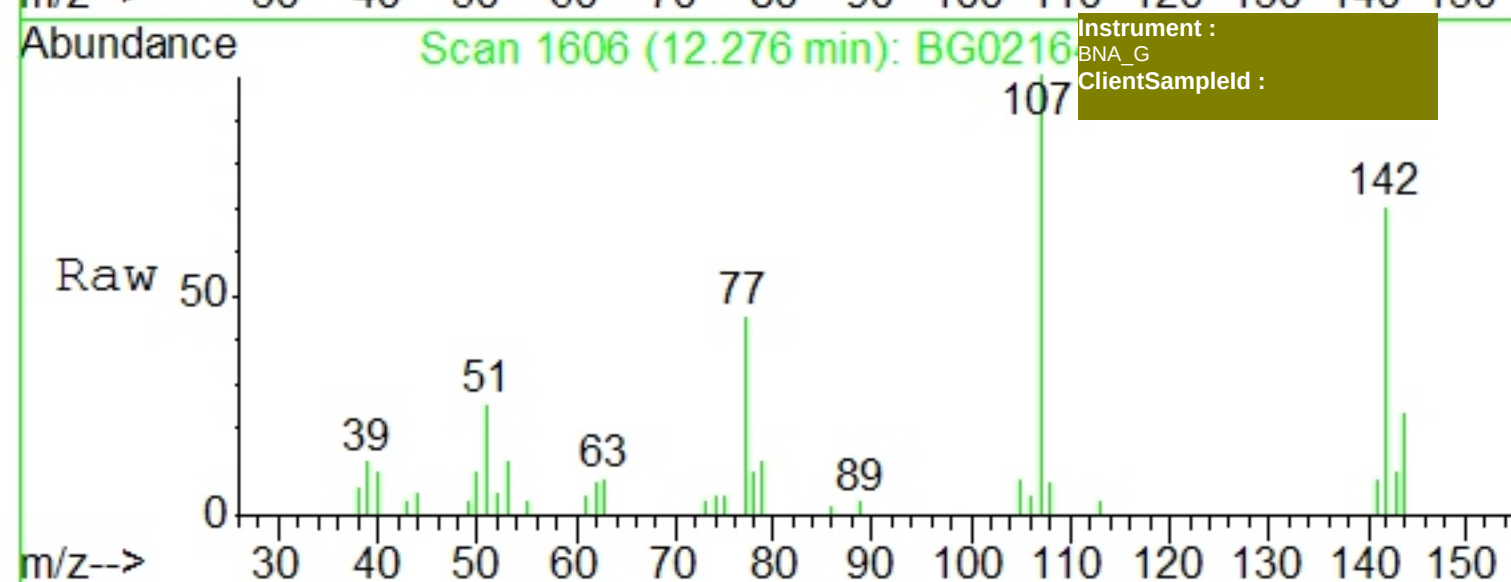
#35  
Caprolactam  
Concen: 3.69 ng  
RT: 11.923 min Scan# 1546  
Delta R.T. -0.035 min  
Lab File: BG021640.D  
Acq: 14 Apr 2016 4:58

Tgt Ion:113 Resp: 3304  
Ion Ratio Lower Upper  
113 100  
55 259.3 194.2 234.2#  
56 177.2 122.6 162.6#

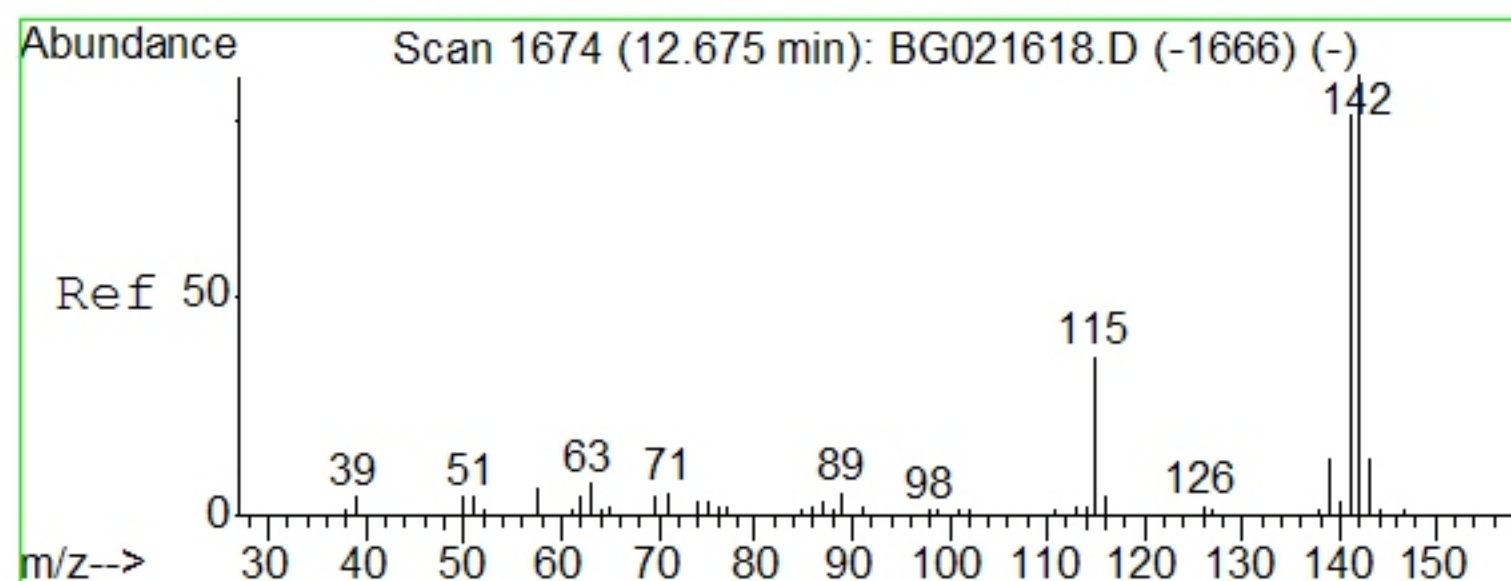


#36  
4-Chloro-3-methylphenol  
Concen: 4.46 ng  
RT: 12.276 min Scan# 1606  
Delta R.T. -0.006 min  
Lab File: BG021640.D  
Acq: 14 Apr 2016 4:58

Tgt Ion:107 Resp: 10975  
Ion Ratio Lower Upper  
107 100  
144 22.9 19.2 28.8  
142 70.1 59.1 88.7

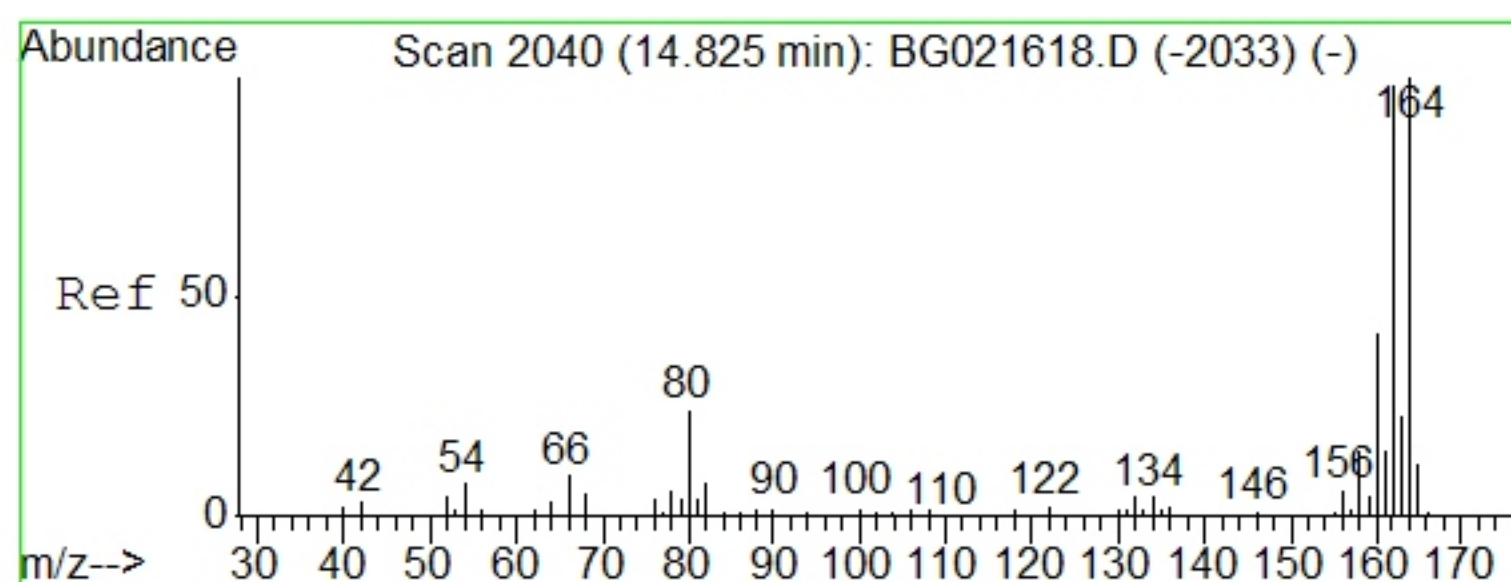
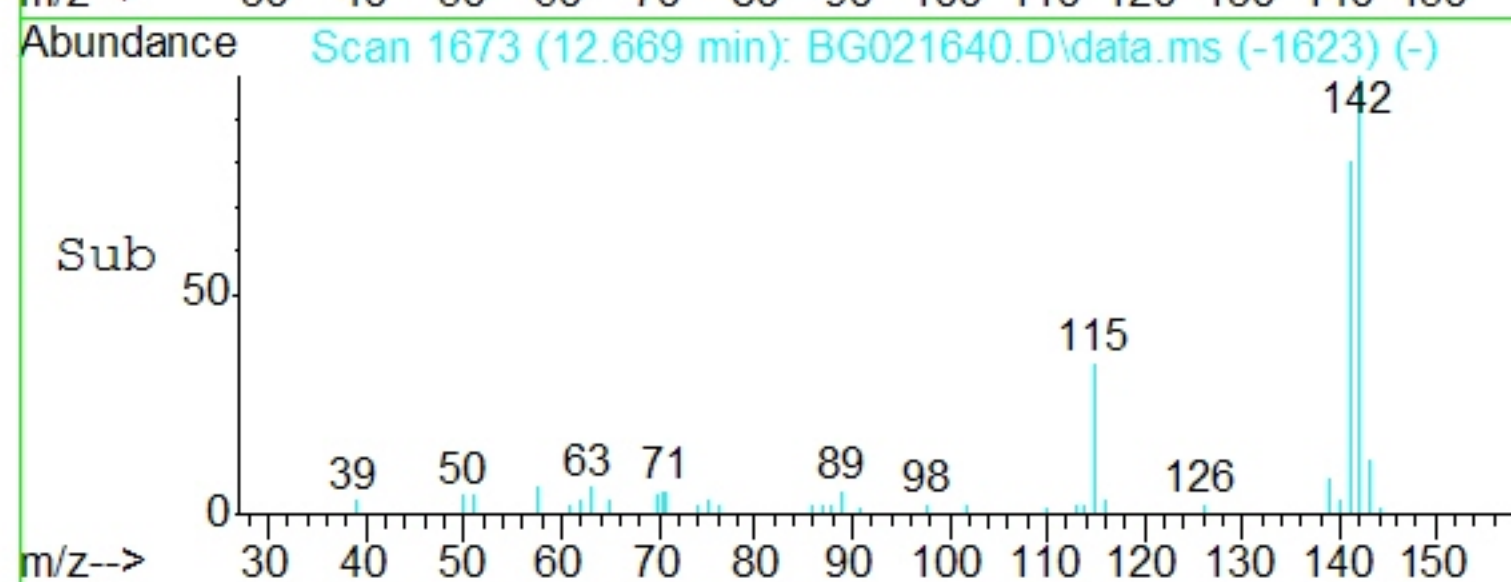
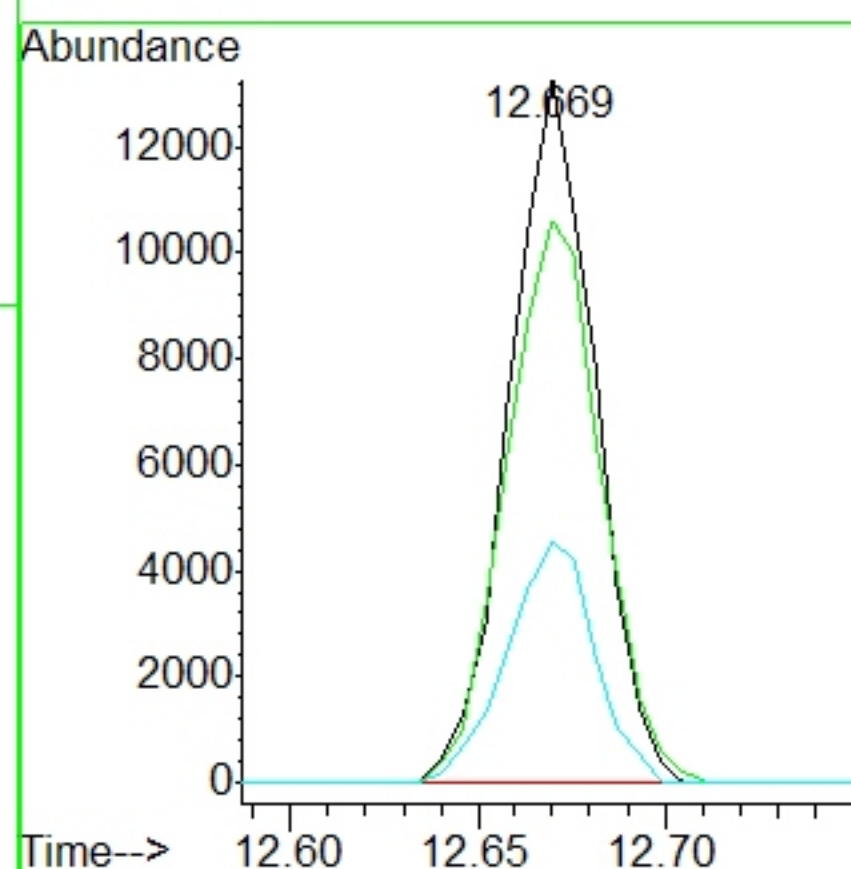
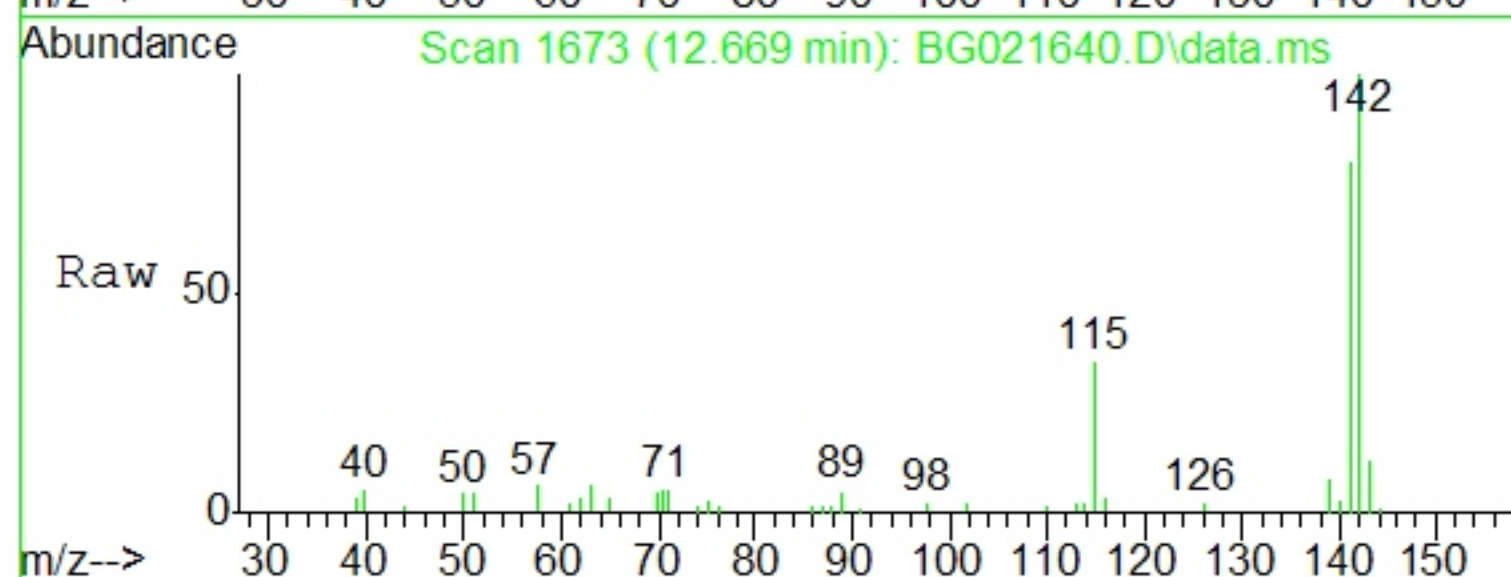






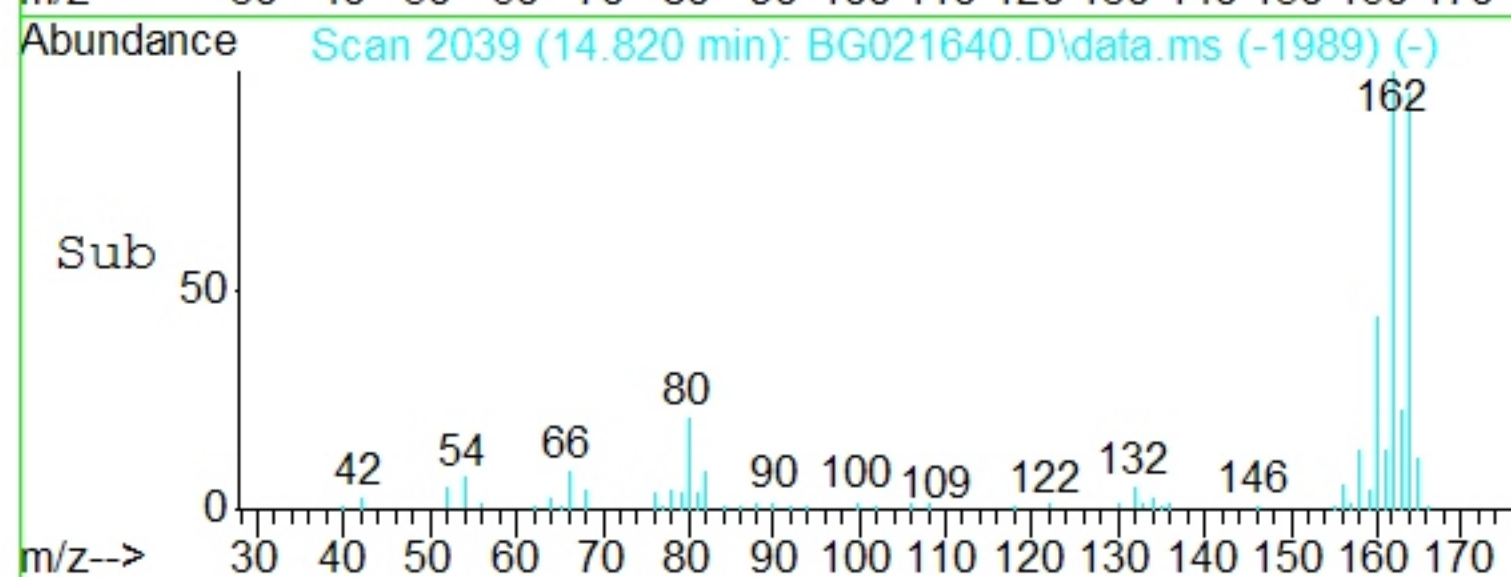
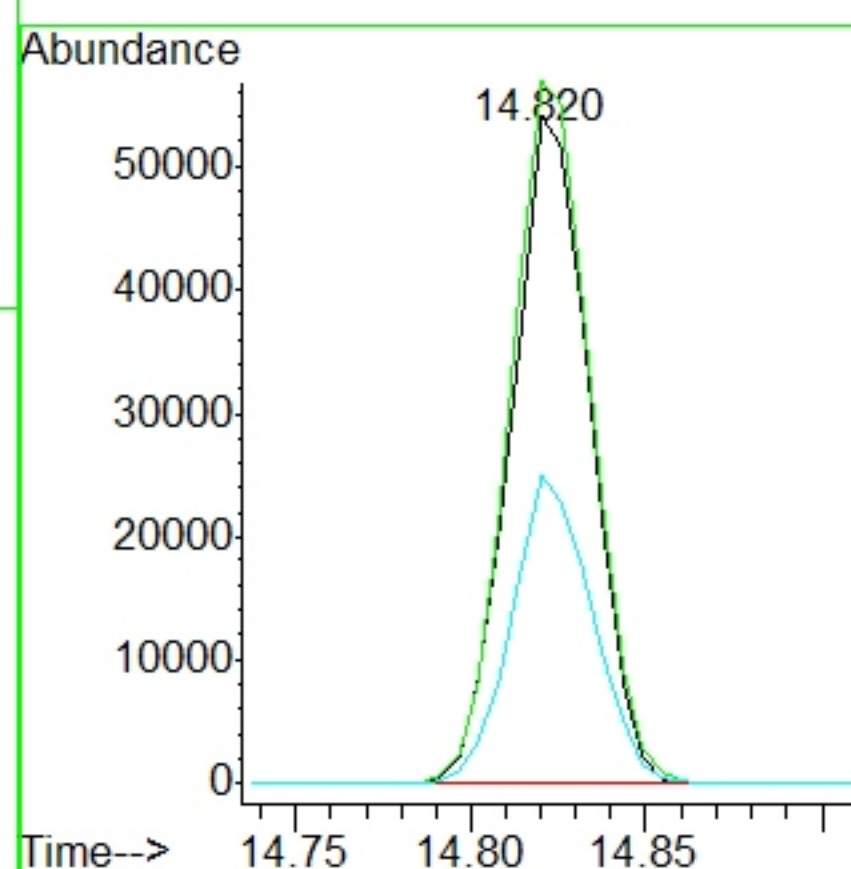
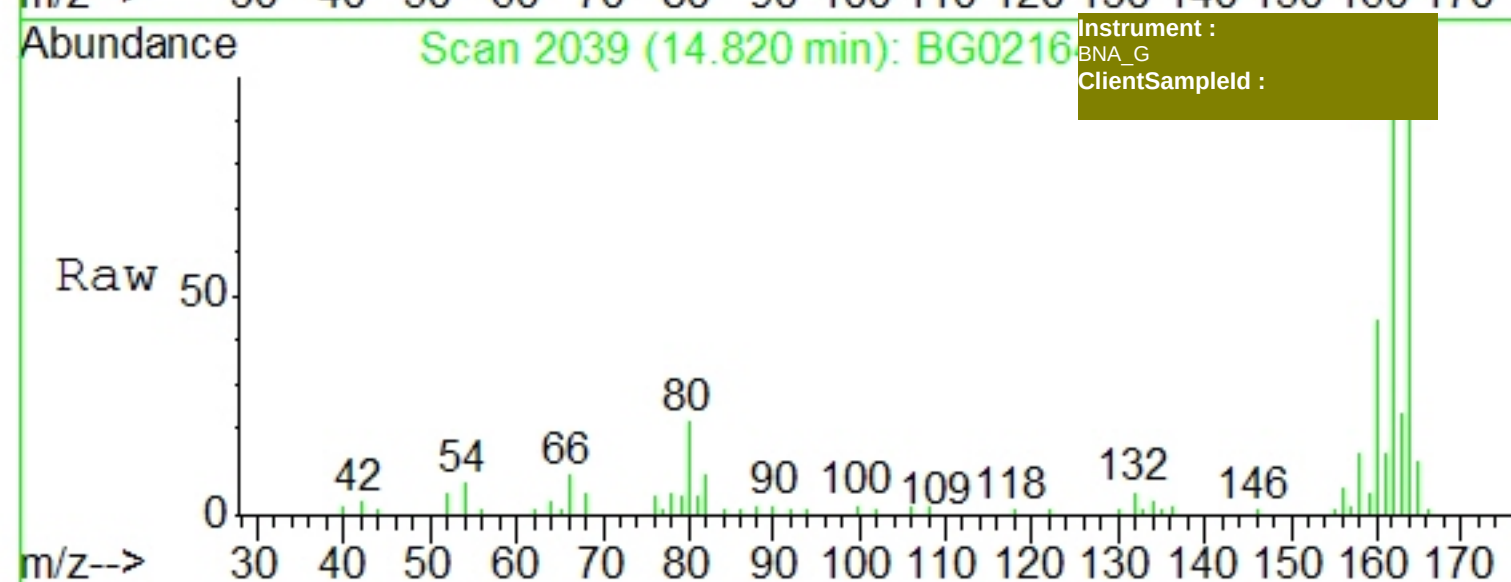
#37  
2-Methylnaphthalene  
Concen: 4.52 ng  
RT: 12.669 min Scan# 1673  
Delta R.T. -0.006 min  
Lab File: BG021640.D  
Acq: 14 Apr 2016 4:58

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 142     | 100   |       |       |
| 141     | 79.9  | 71.4  | 107.0 |
| 115     | 34.0  | 27.4  | 41.2  |

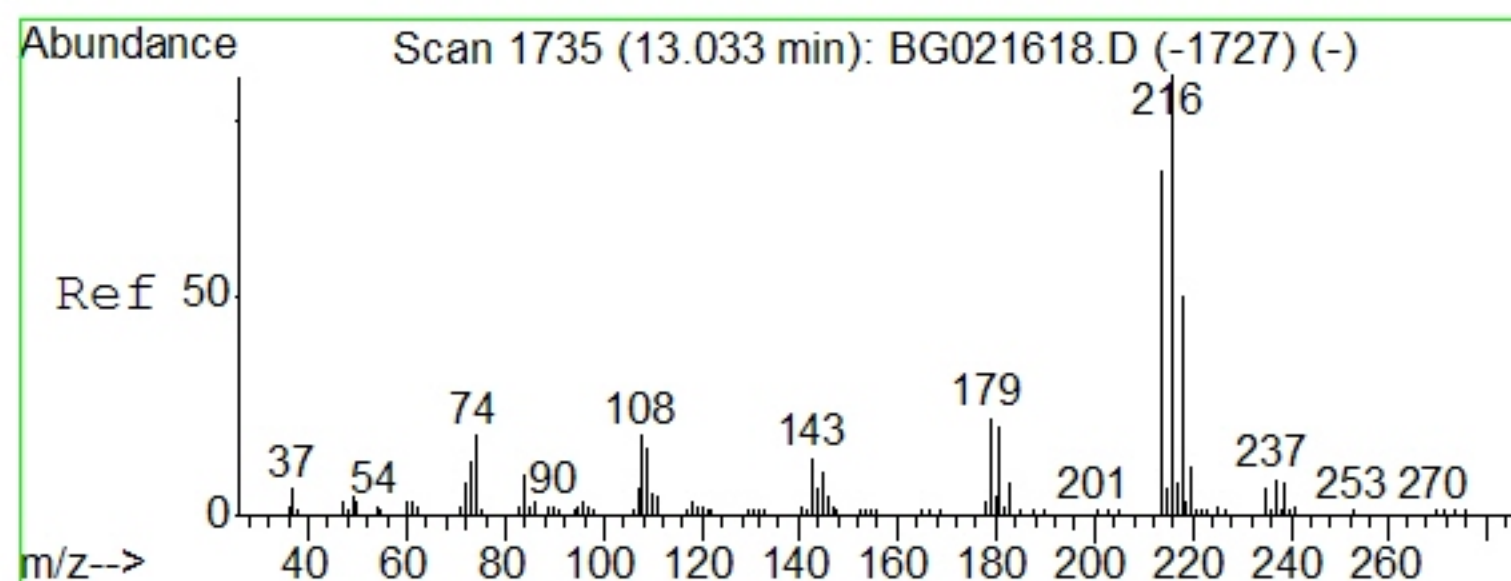


#38  
Acenaphthene-d10  
Concen: 20.00 ng  
RT: 14.820 min Scan# 2039  
Delta R.T. -0.006 min  
Lab File: BG021640.D  
Acq: 14 Apr 2016 4:58

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 164     | 100   |       |       |
| 162     | 105.1 | 78.0  | 117.0 |
| 160     | 46.3  | 32.9  | 49.3  |

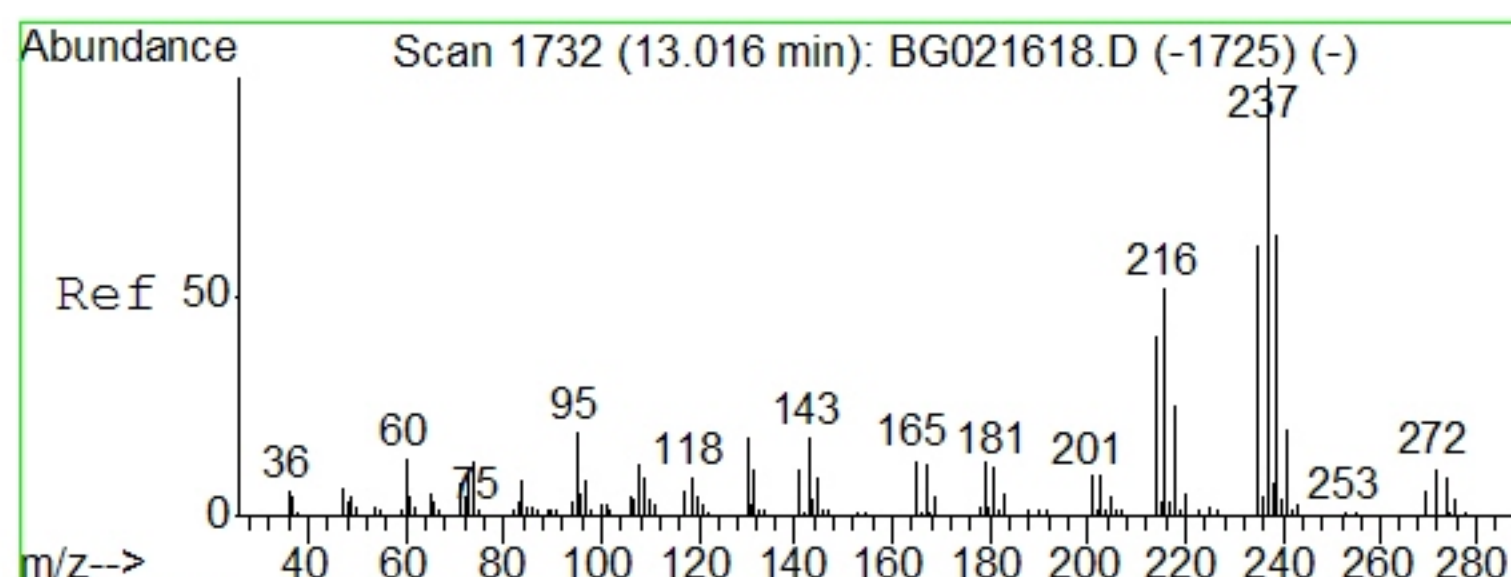
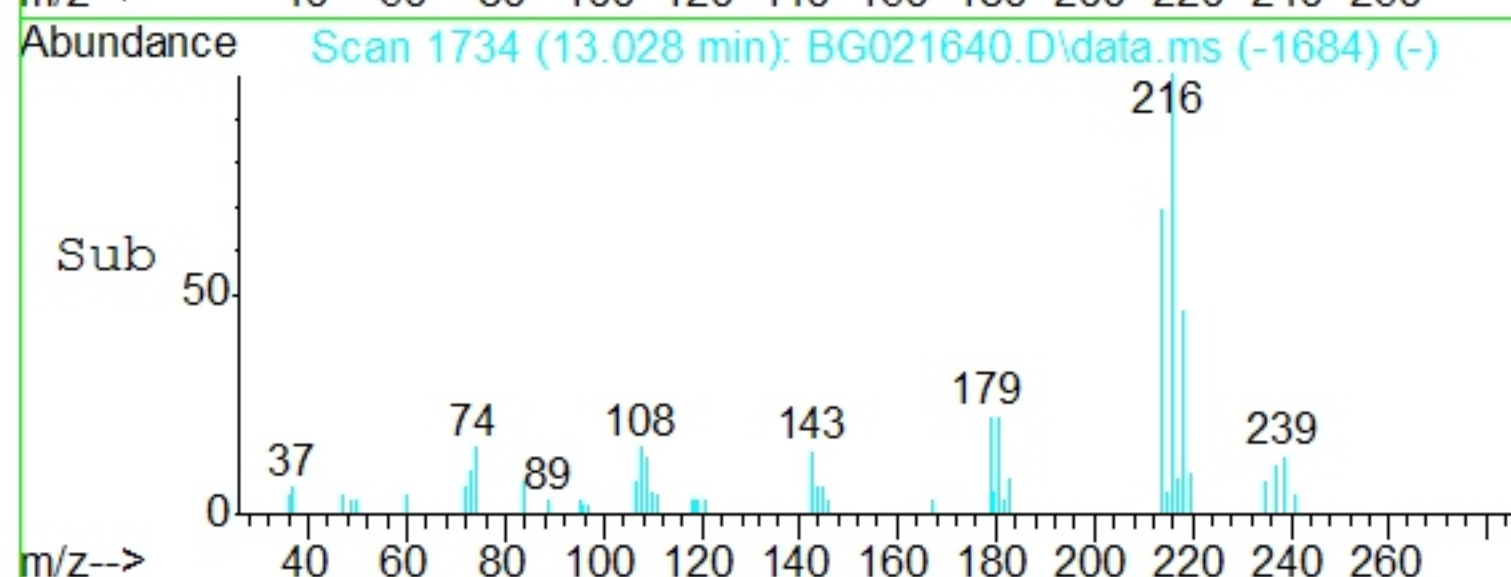
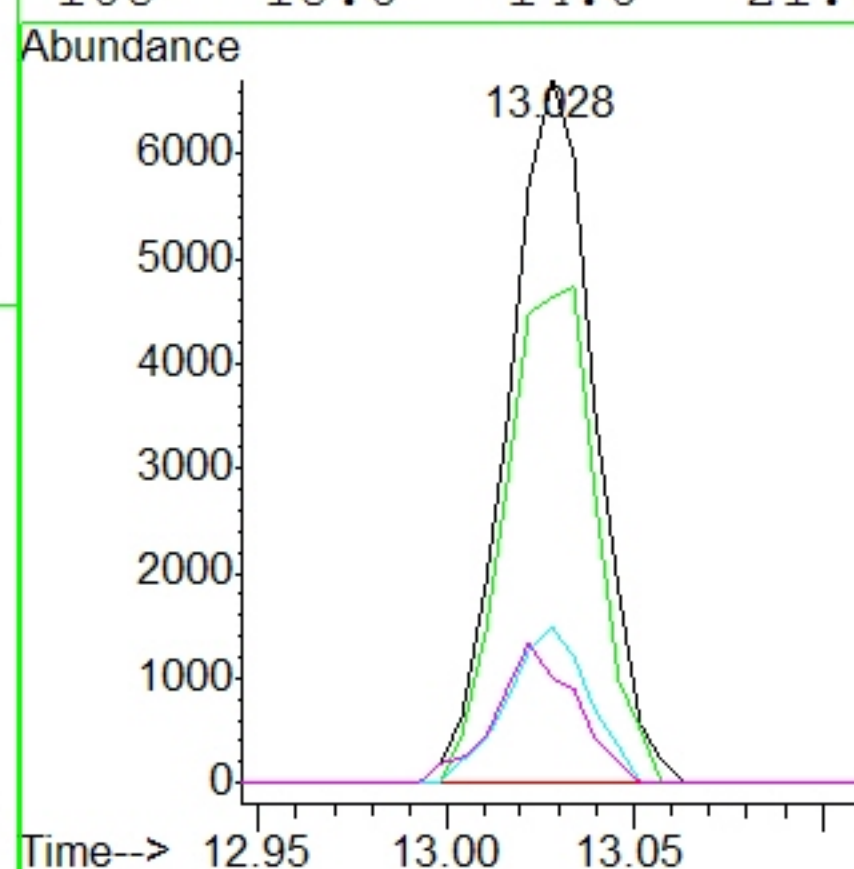
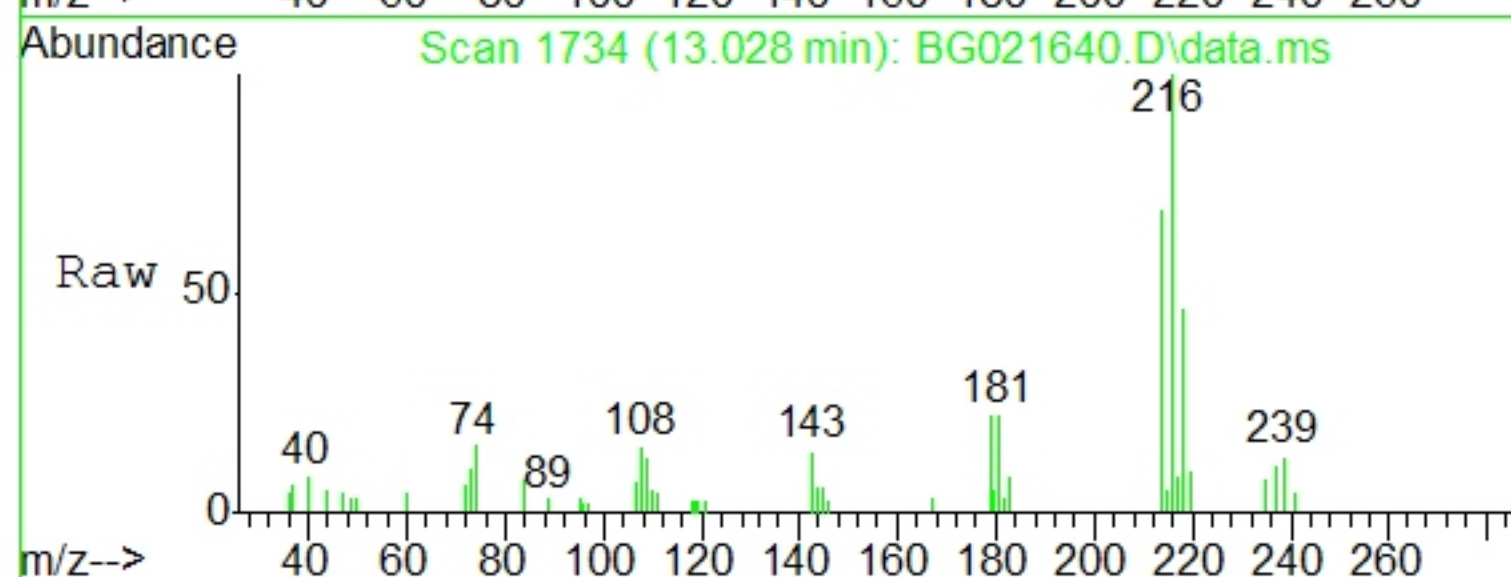






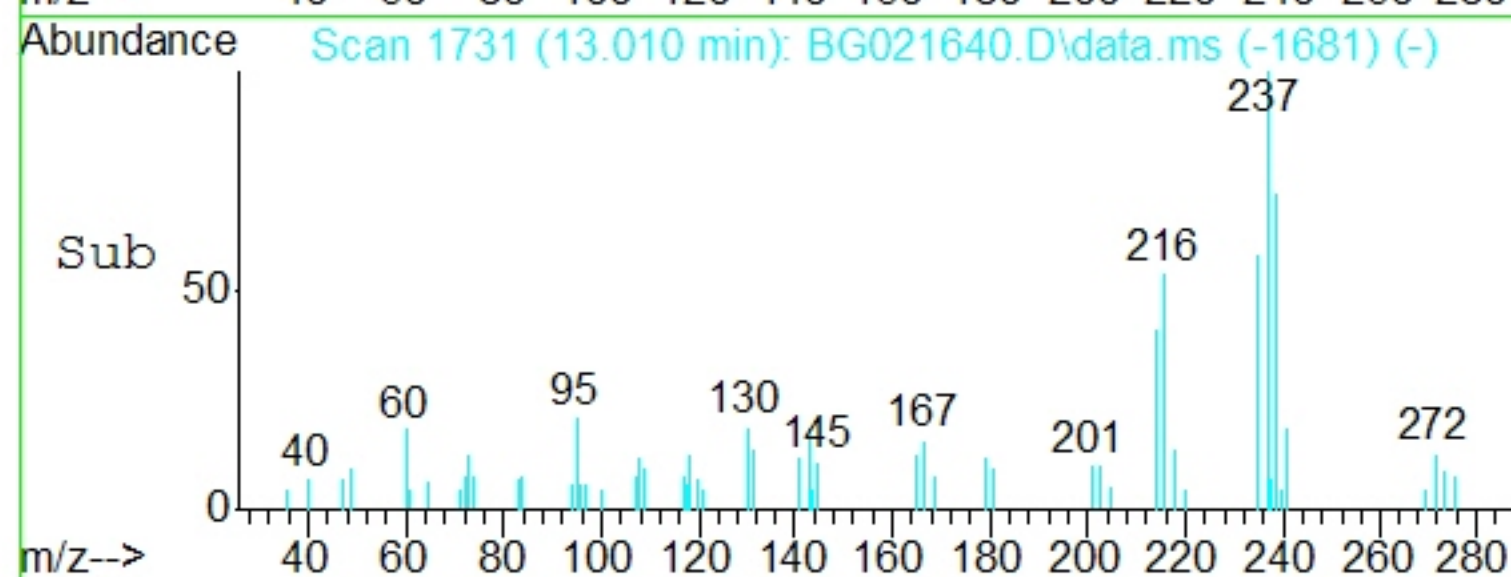
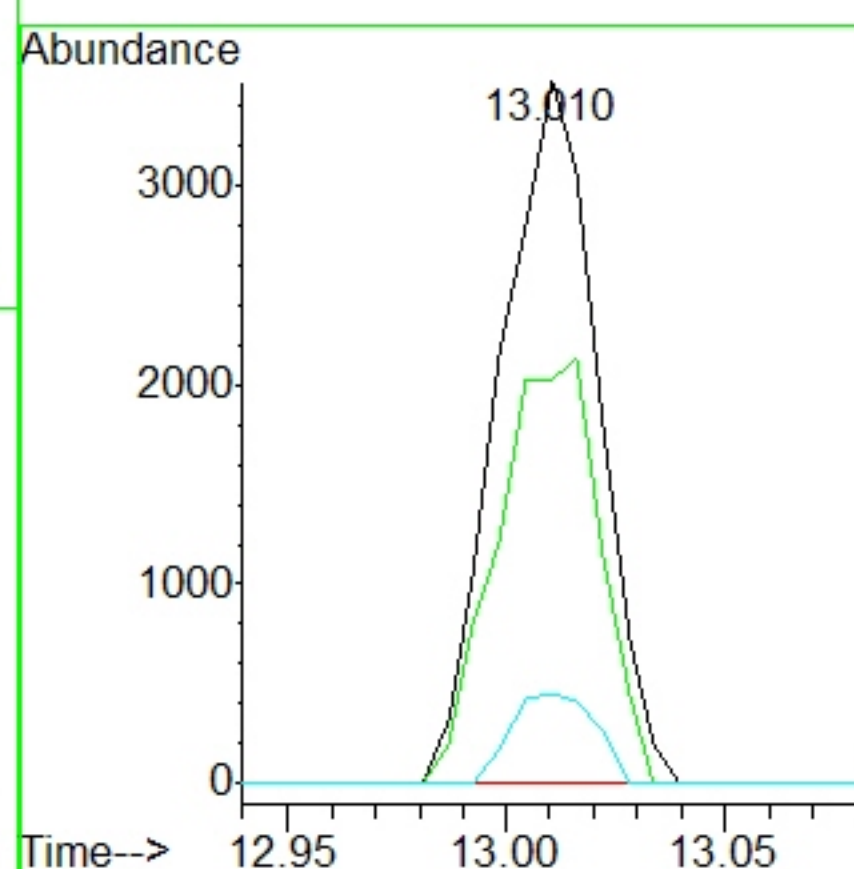
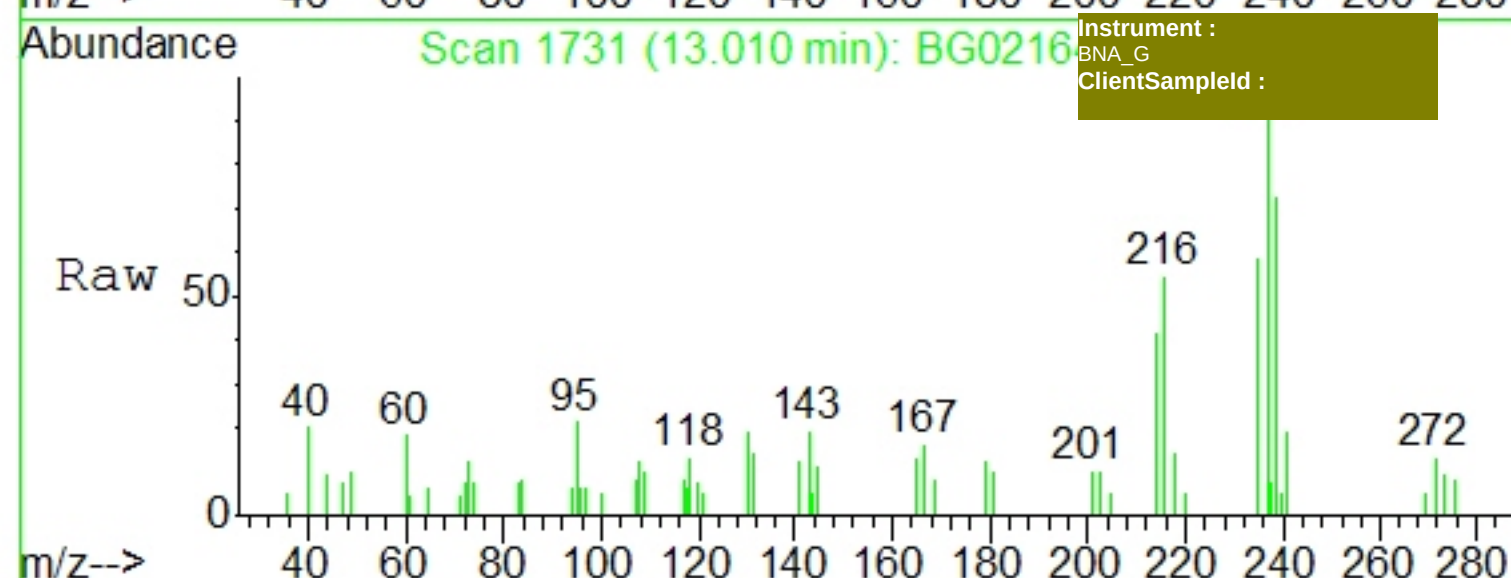
#39  
1,2,4,5-Tetrachlorobenzene  
Concen: 4.04 ng  
RT: 13.028 min Scan# 1734  
Delta R.T. -0.006 min  
Lab File: BG021640.D  
Acq: 14 Apr 2016 4:58

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 216   | Resp: | 10810 |
| Ion      | Ratio | Lower | Upper |
| 216      | 100   |       |       |
| 214      | 74.5  | 62.2  | 93.2  |
| 179      | 20.7  | 16.7  | 25.1  |
| 108      | 18.0  | 14.0  | 21.0  |

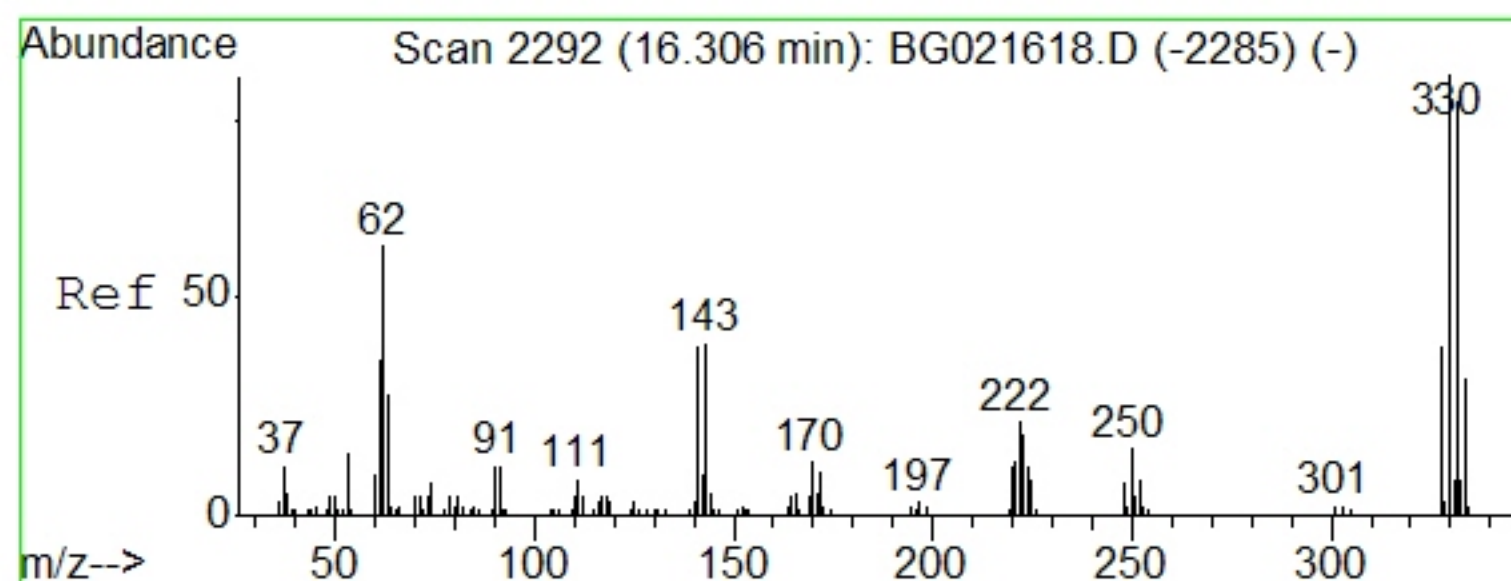


#40  
Hexachlorocyclopentadiene  
Concen: 3.70 ng  
RT: 13.010 min Scan# 1731  
Delta R.T. -0.006 min  
Lab File: BG021640.D  
Acq: 14 Apr 2016 4:58

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 237   | Resp: | 5505  |
| Ion      | Ratio | Lower | Upper |
| 237      | 100   |       |       |
| 235      | 57.6  | 43.2  | 83.2  |
| 272      | 12.8  | 0.0   | 33.4  |

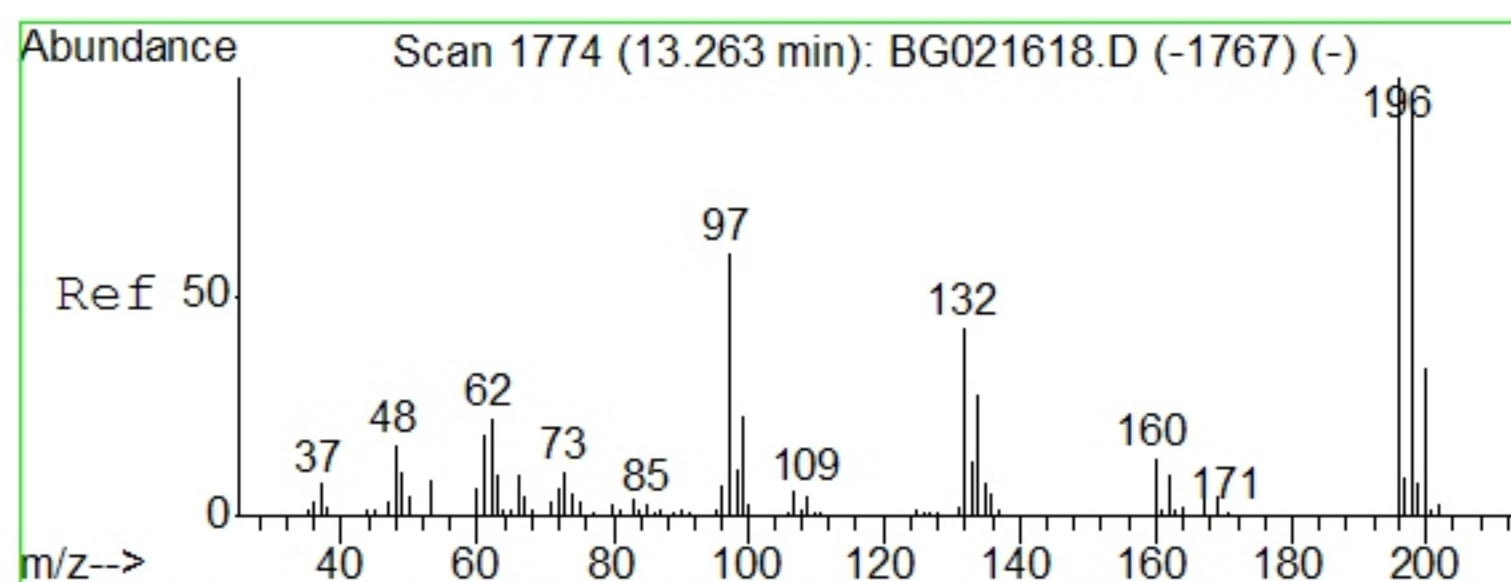
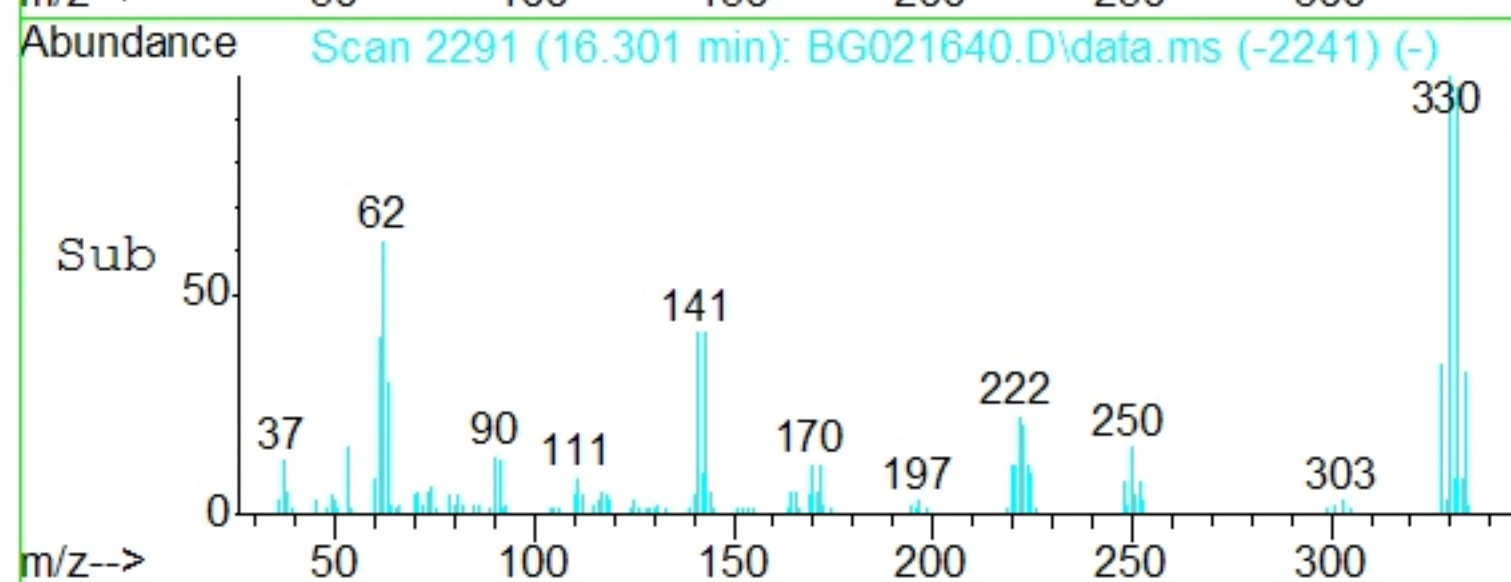
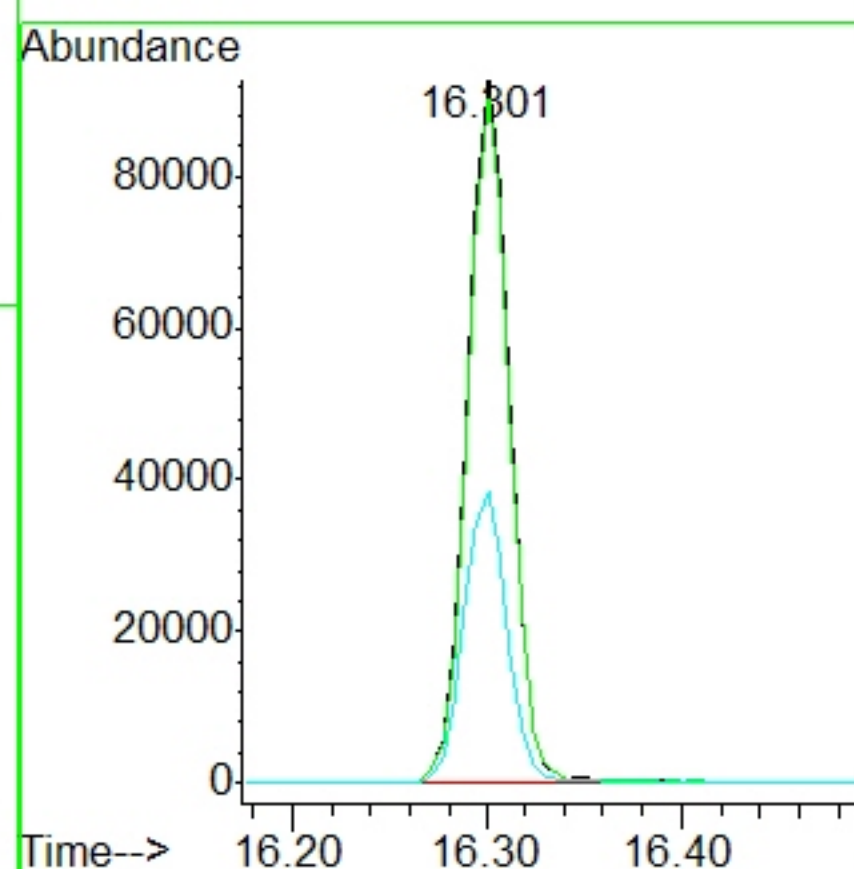
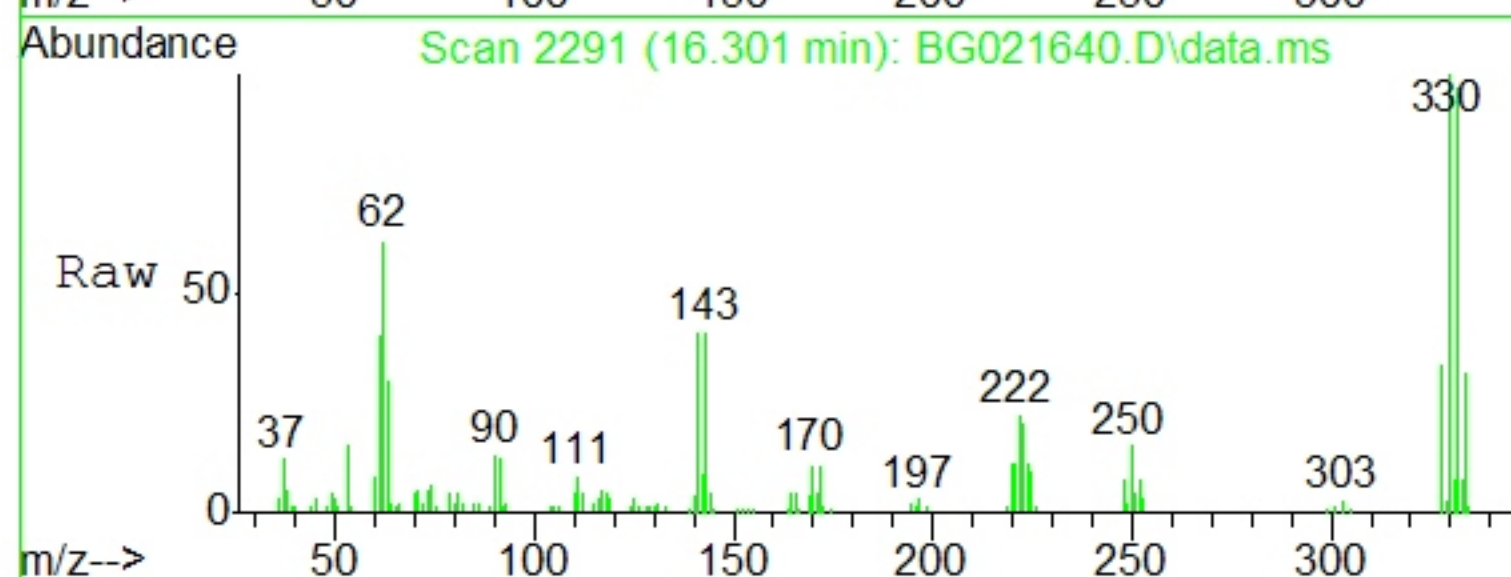






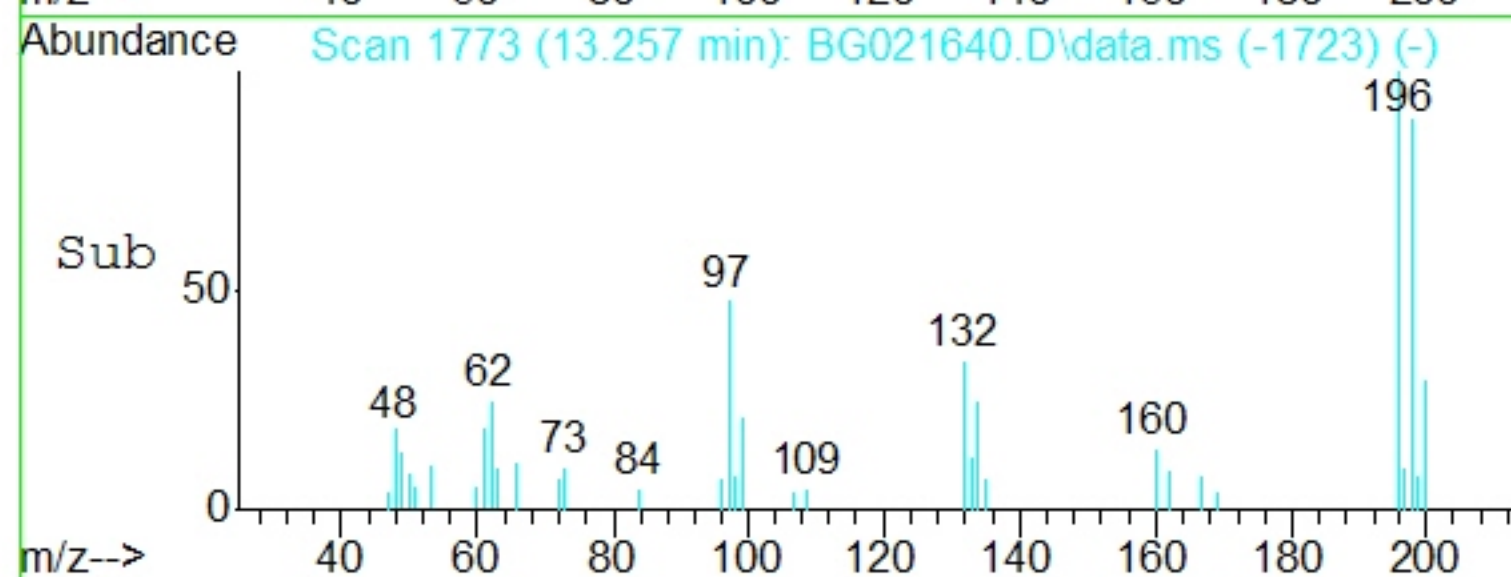
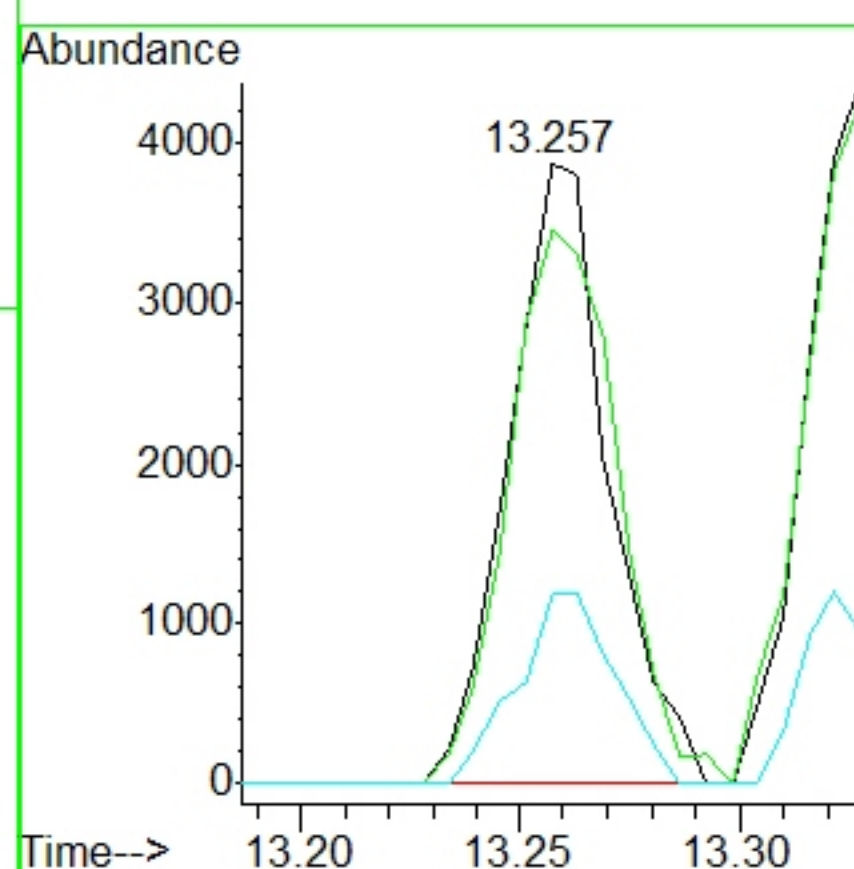
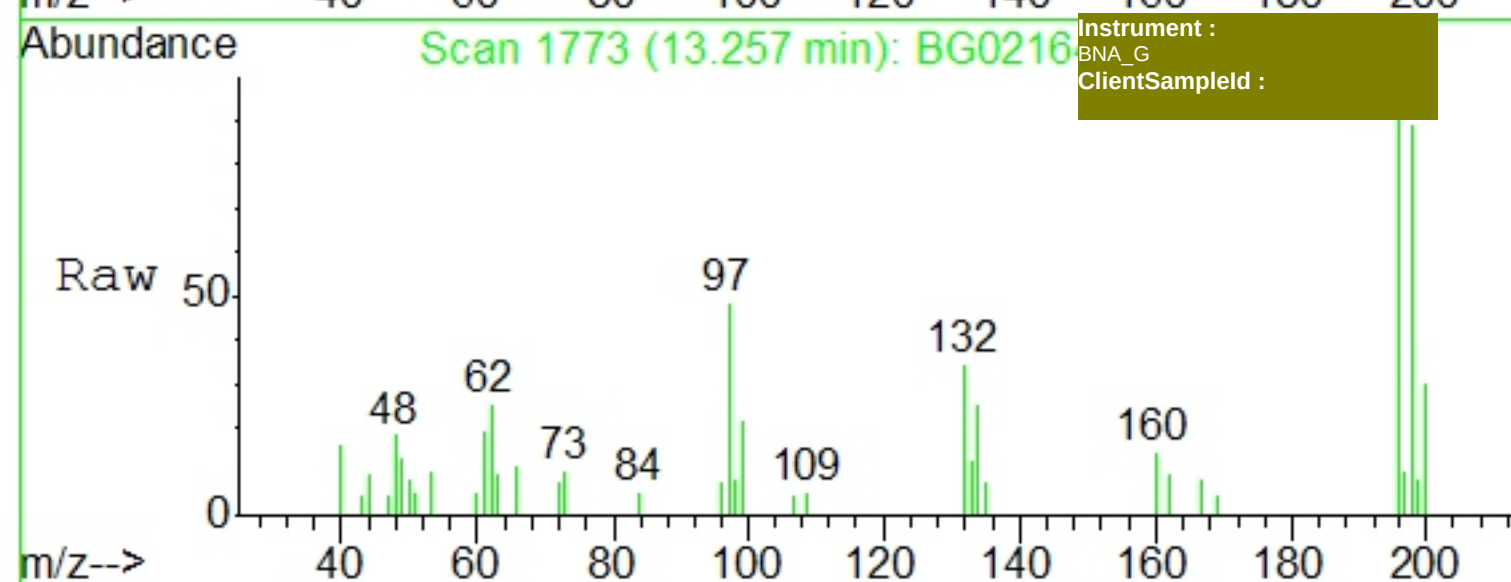
#41  
 2,4,6-Tribromophenol  
 Concen: 153.24 ng  
 RT: 16.301 min Scan# 2291  
 Delta R.T. -0.006 min  
 Lab File: BG021640.D  
 Acq: 14 Apr 2016 4:58

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 330     | 100   |       |       |
| 332     | 95.9  | 78.0  | 117.0 |
| 141     | 41.9  | 33.8  | 50.8  |

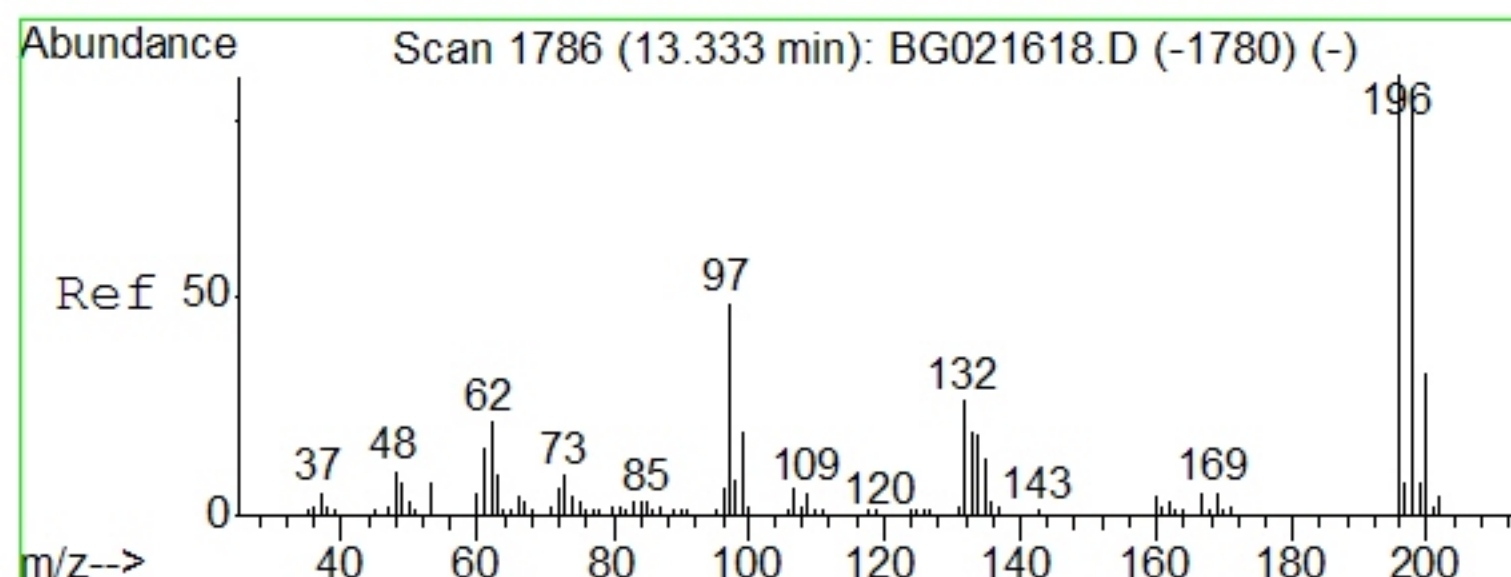


#42  
 2,4,6-Trichlorophenol  
 Concen: 3.62 ng  
 RT: 13.257 min Scan# 1773  
 Delta R.T. -0.006 min  
 Lab File: BG021640.D  
 Acq: 14 Apr 2016 4:58

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 196     | 100   |       |       |
| 198     | 89.4  | 80.1  | 120.1 |
| 200     | 30.3  | 24.1  | 36.1  |

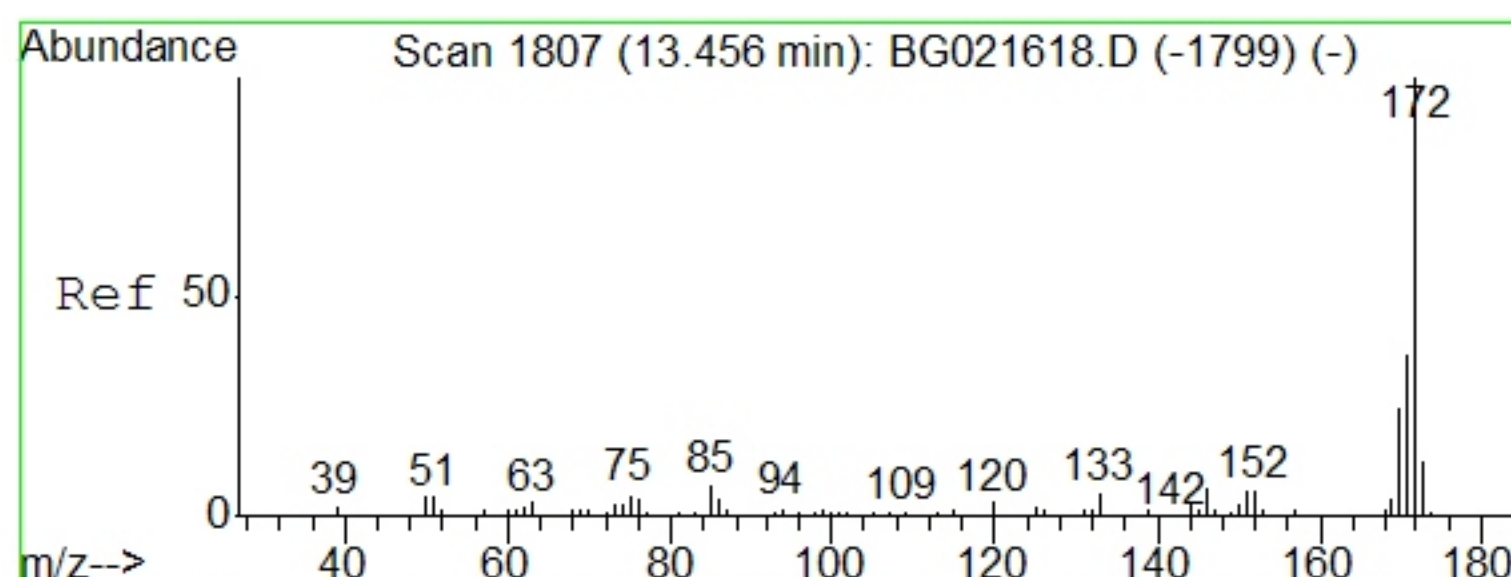
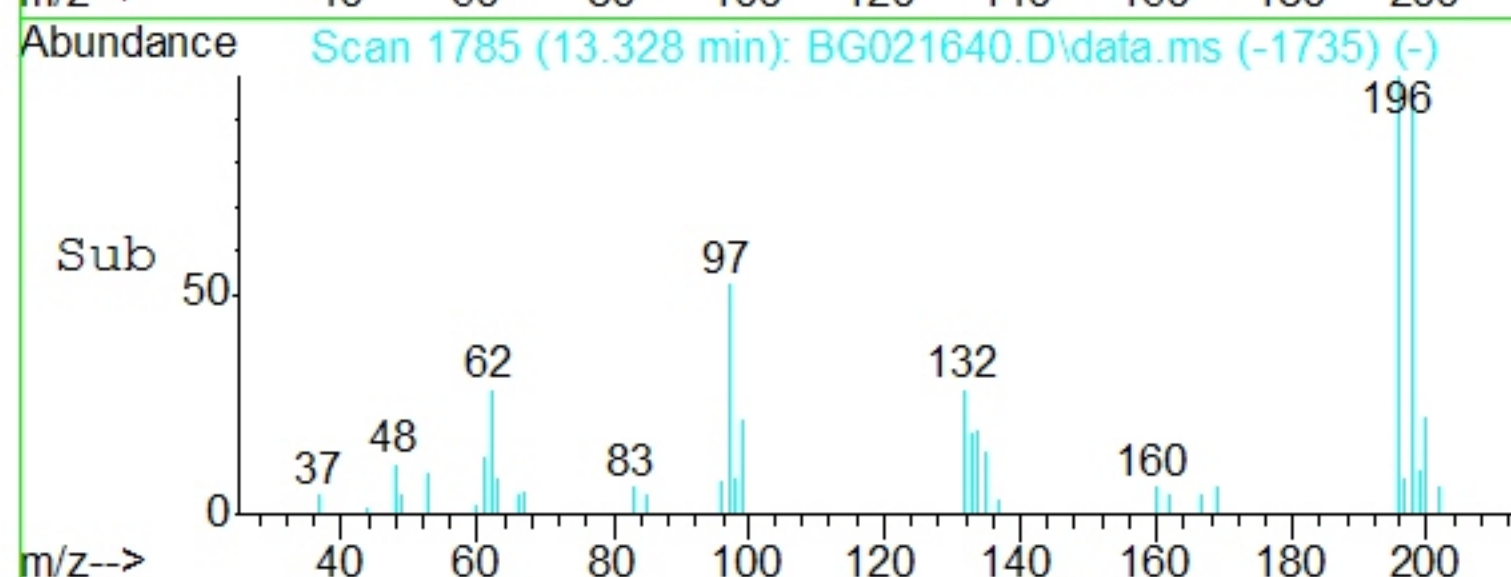
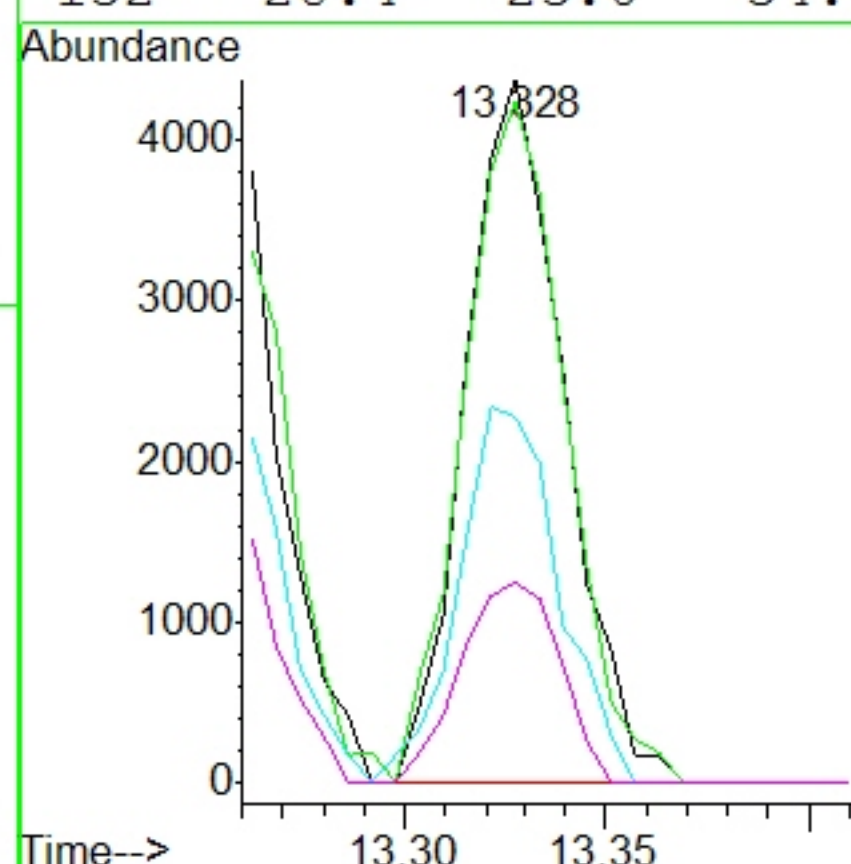
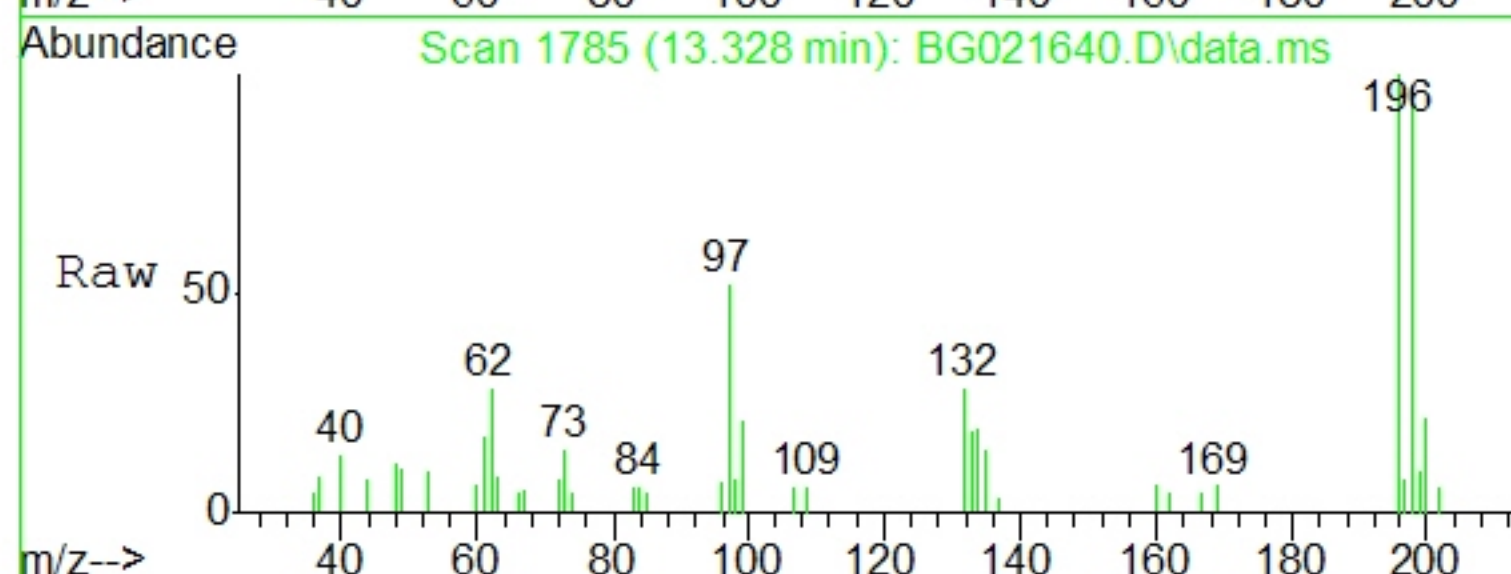






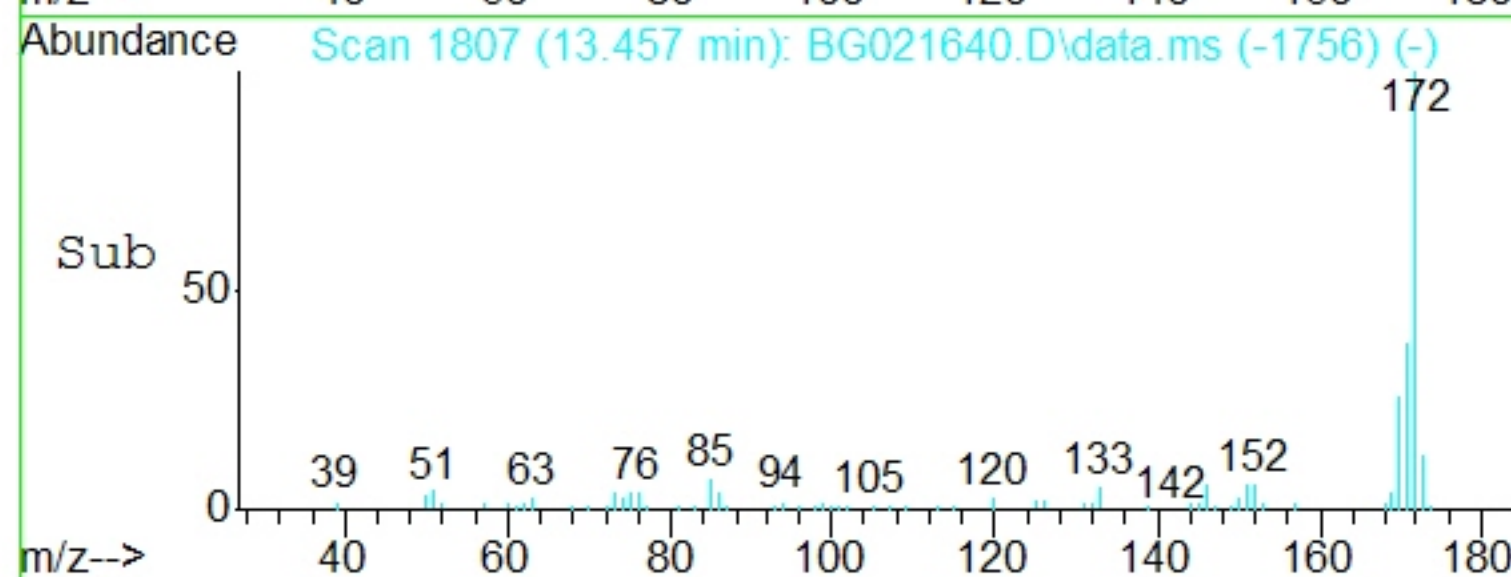
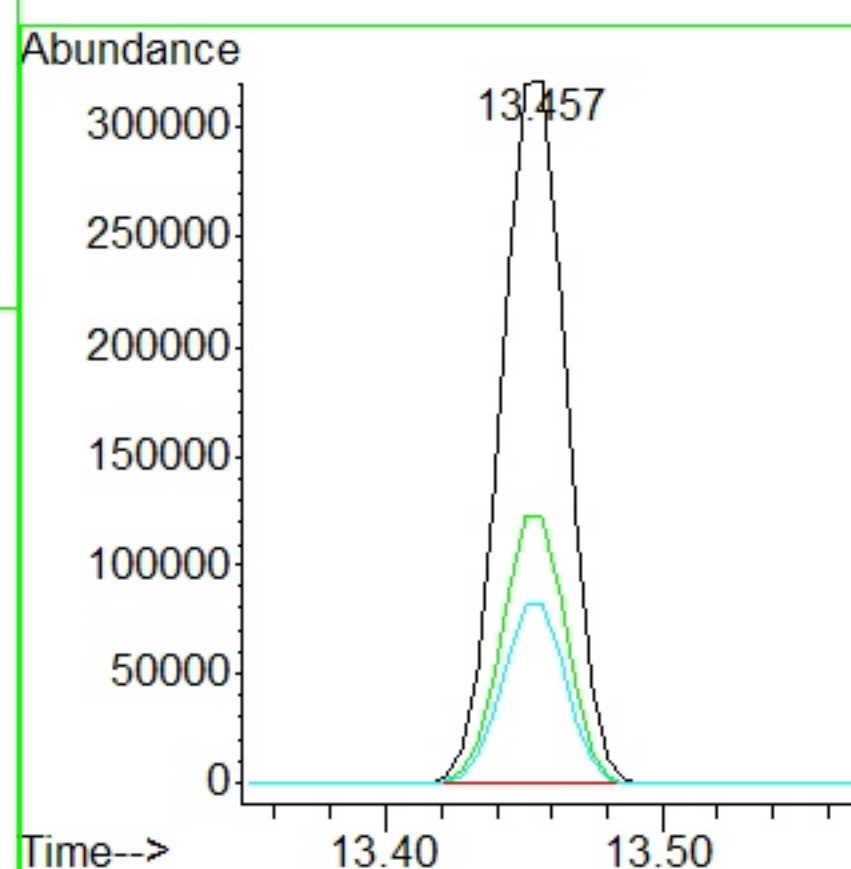
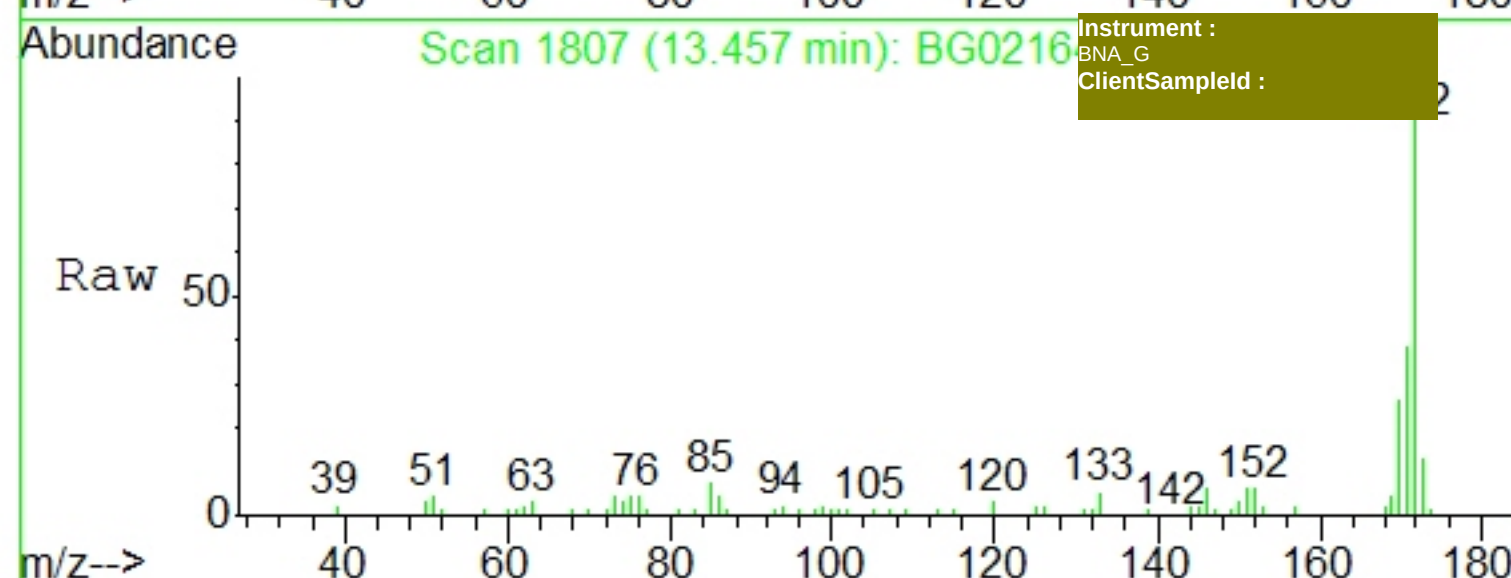
#43  
2,4,5-Trichlorophenol  
Concen: 4.03 ng  
RT: 13.328 min Scan# 1785  
Delta R.T. -0.006 min  
Lab File: BG021640.D  
Acq: 14 Apr 2016 4:58

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 196   | Resp: | 7418  |
| Ion      | Ratio | Lower | Upper |
| 196      | 100   |       |       |
| 198      | 97.1  | 78.0  | 117.0 |
| 97       | 52.1  | 43.0  | 64.6  |
| 132      | 28.4  | 23.0  | 34.4  |

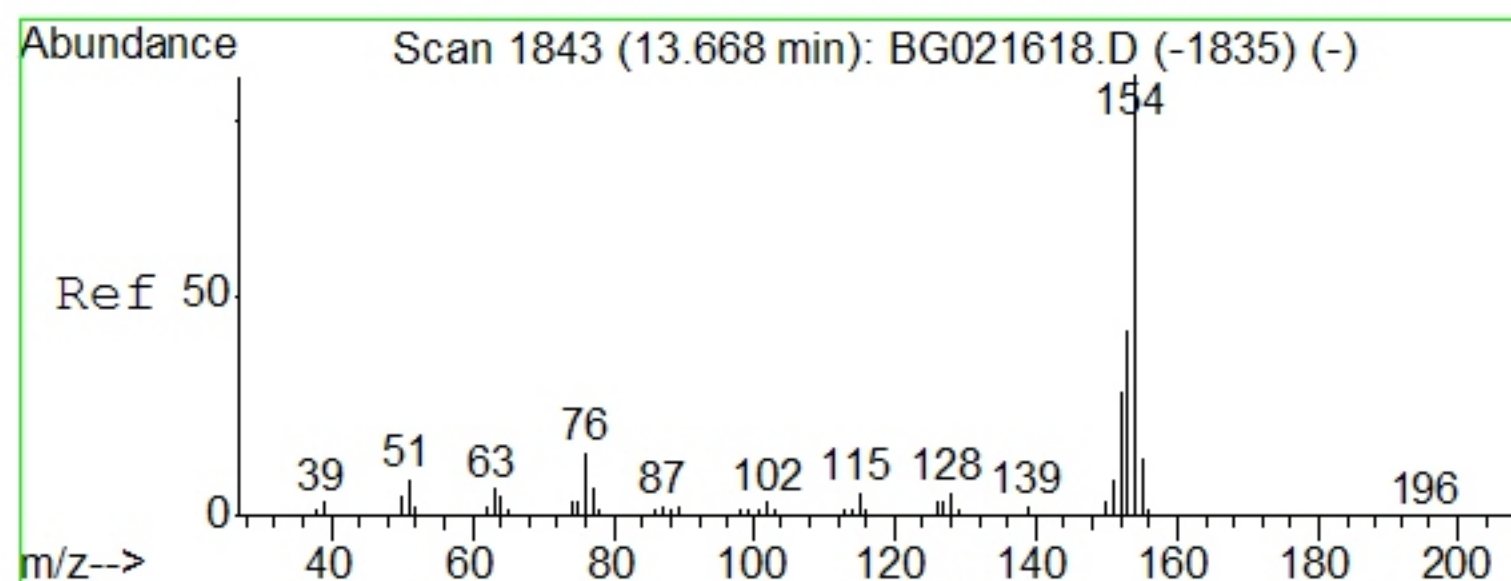


#44  
2-Fluorobiphenyl  
Concen: 89.84 ng  
RT: 13.457 min Scan# 1807  
Delta R.T. 0.000 min  
Lab File: BG021640.D  
Acq: 14 Apr 2016 4:58

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 172   | Resp: | 525120 |
| Ion      | Ratio | Lower | Upper  |
| 172      | 100   |       |        |
| 171      | 38.0  | 27.8  | 41.6   |
| 170      | 25.8  | 19.6  | 29.4   |

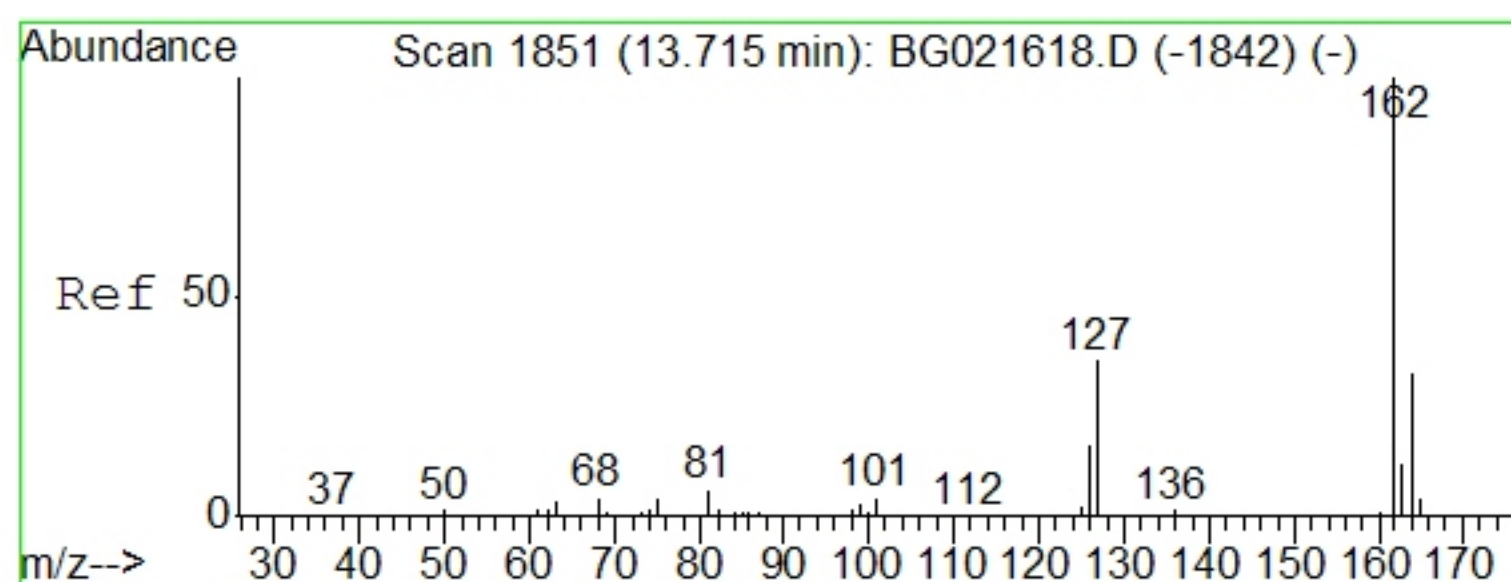
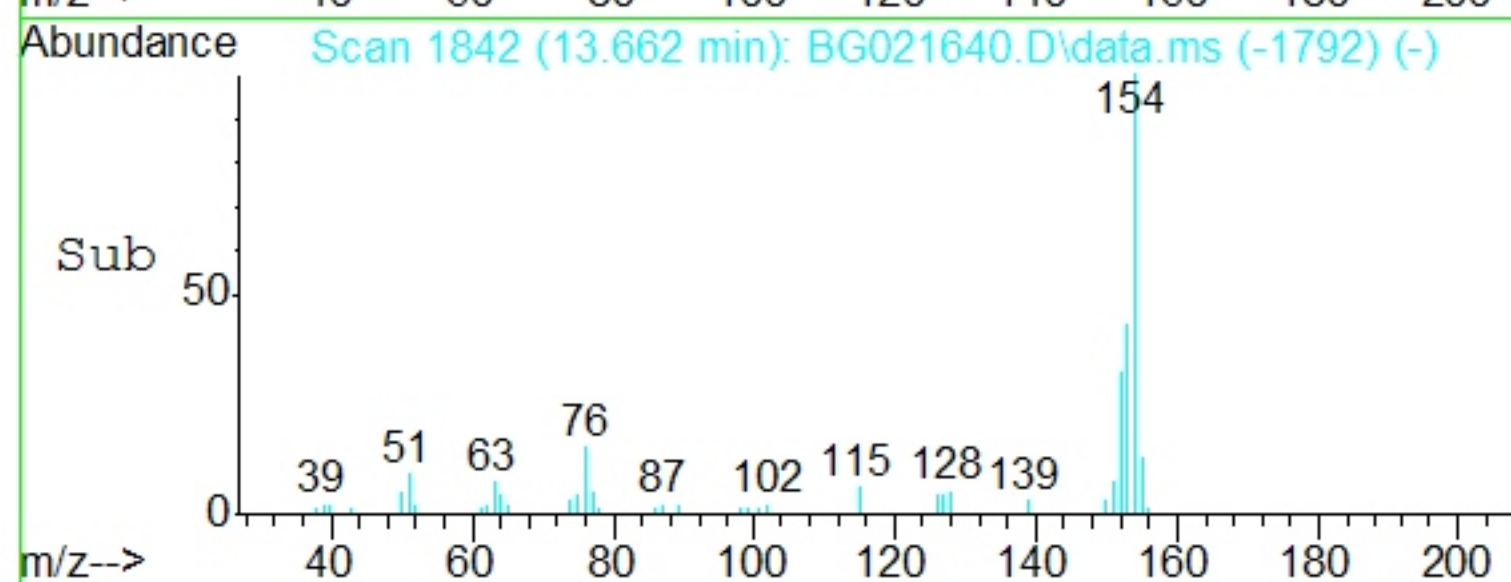
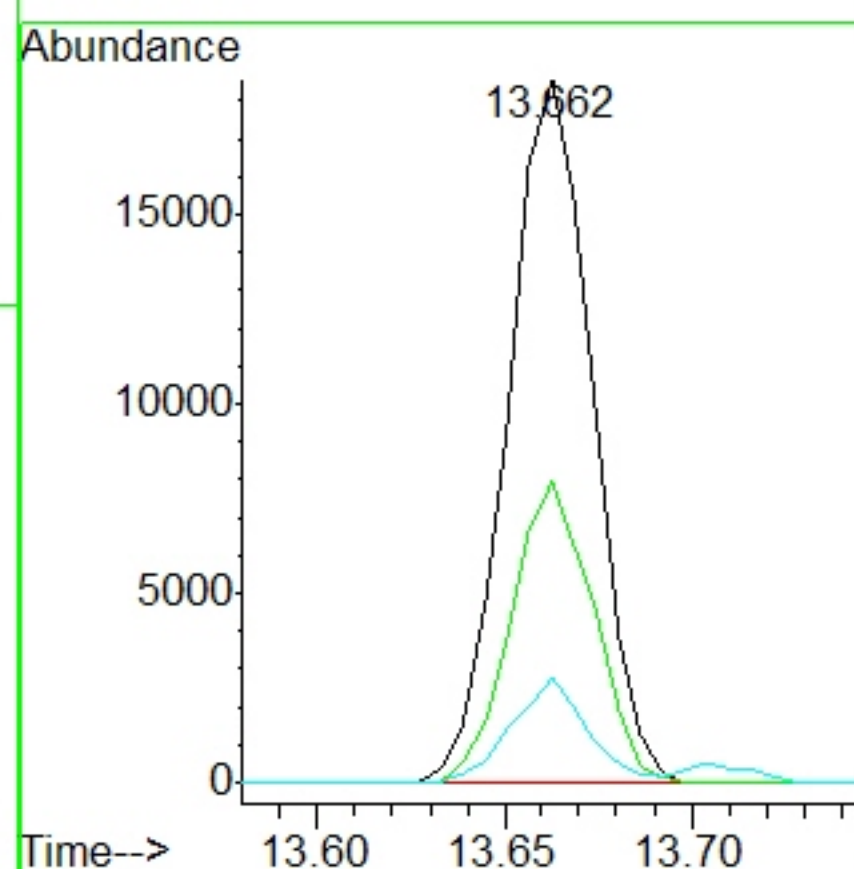
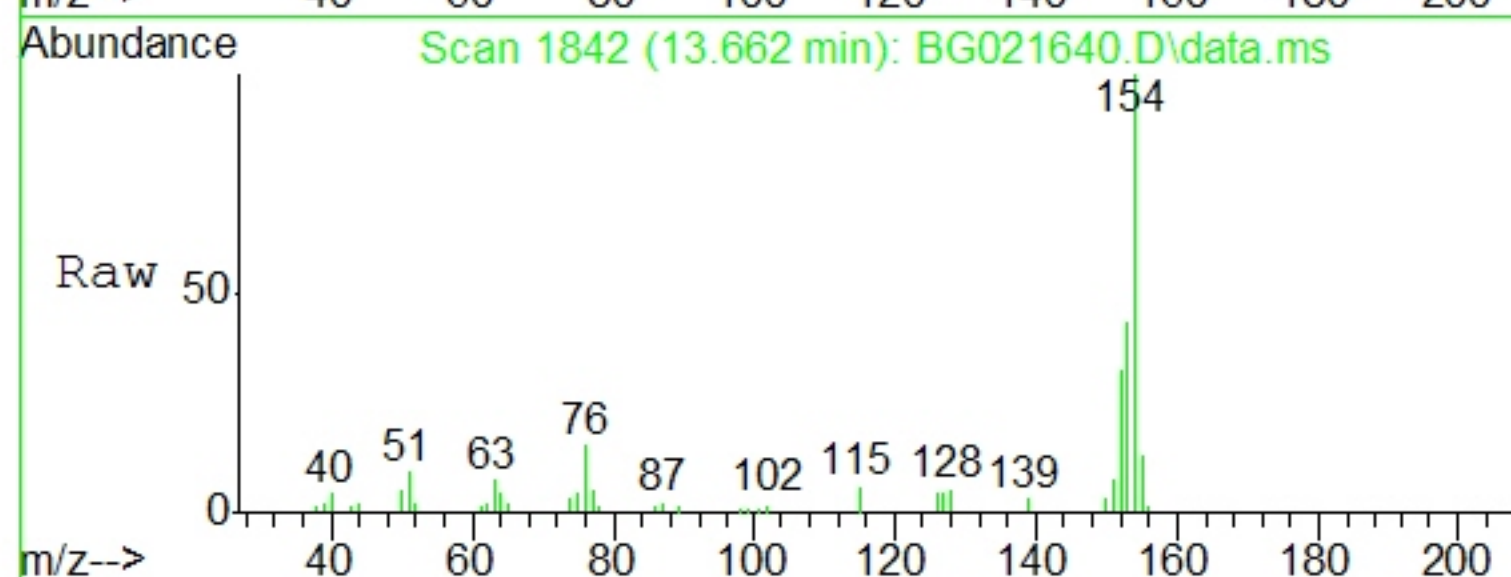






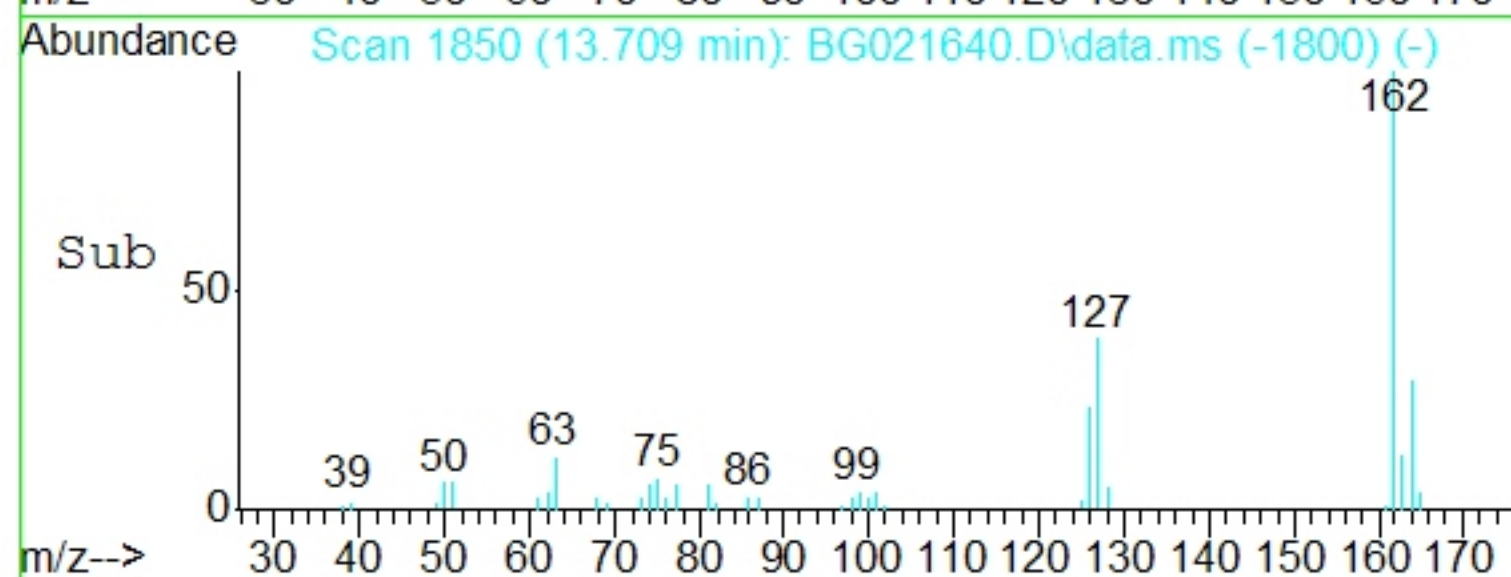
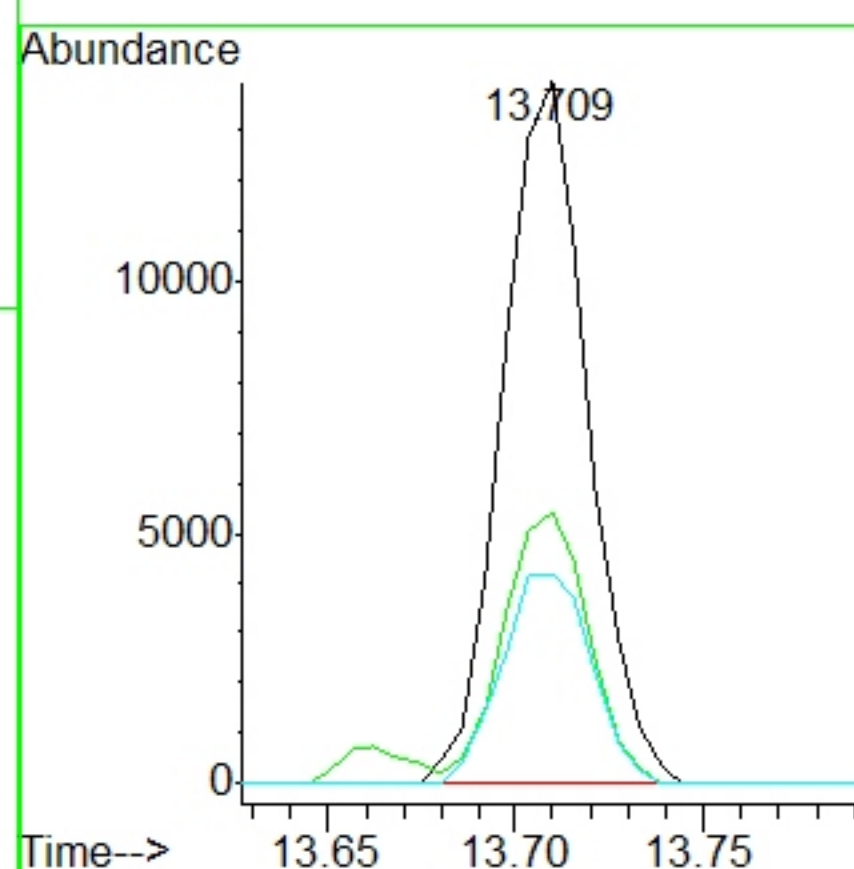
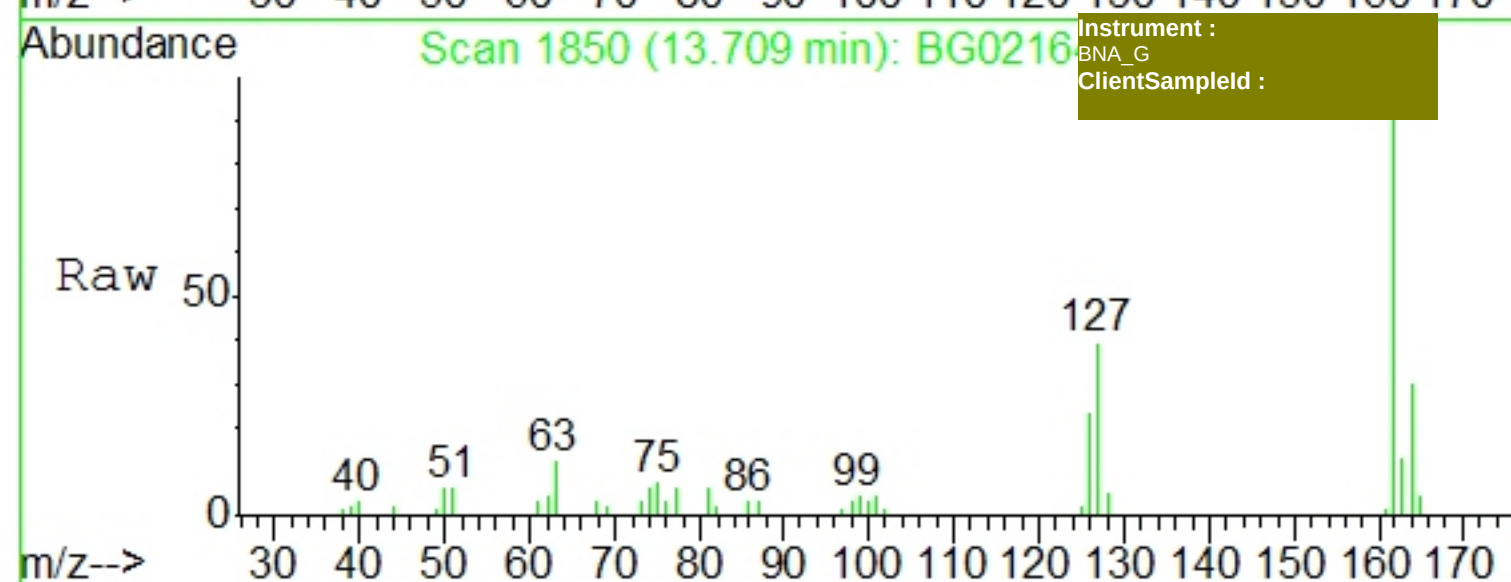
#45  
1,1'-Biphenyl  
Concen: 4.00 ng  
RT: 13.662 min Scan# 1842  
Delta R.T. -0.006 min  
Lab File: BG021640.D  
Acq: 14 Apr 2016 4:58

|             |       |             |
|-------------|-------|-------------|
| Tgt Ion:154 | Resp: | 28848       |
| Ion         | Ratio | Lower Upper |
| 154         | 100   |             |
| 153         | 42.9  | 19.7 59.7   |
| 76          | 14.8  | 0.0 33.0    |

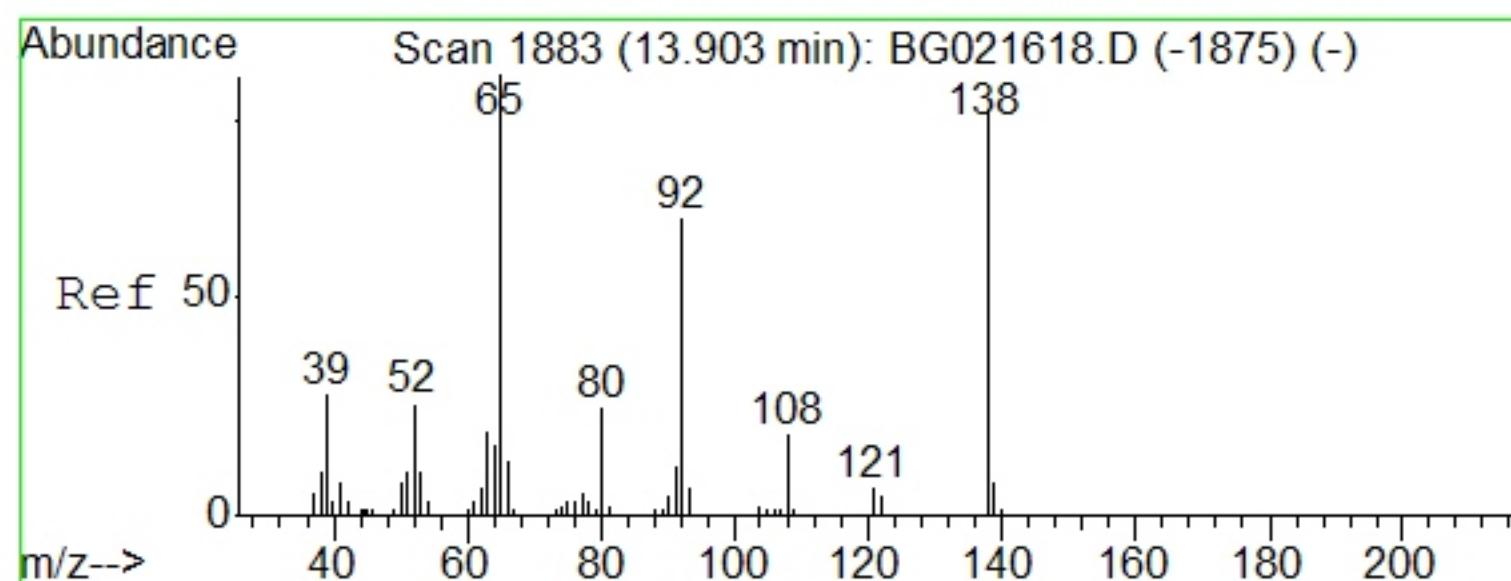


#46  
2-Chloronaphthalene  
Concen: 4.14 ng  
RT: 13.709 min Scan# 1850  
Delta R.T. -0.006 min  
Lab File: BG021640.D  
Acq: 14 Apr 2016 4:58

|             |       |             |
|-------------|-------|-------------|
| Tgt Ion:162 | Resp: | 22098       |
| Ion         | Ratio | Lower Upper |
| 162         | 100   |             |
| 127         | 38.8  | 32.0 48.0   |
| 164         | 30.0  | 27.0 40.4   |

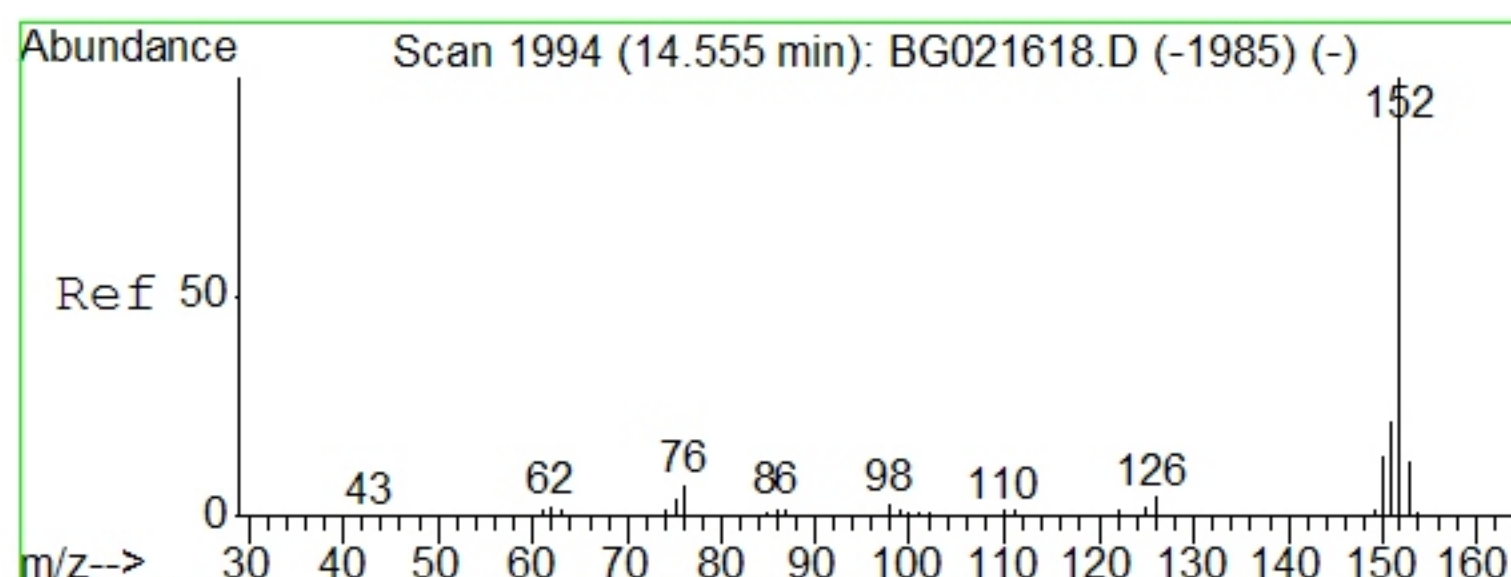
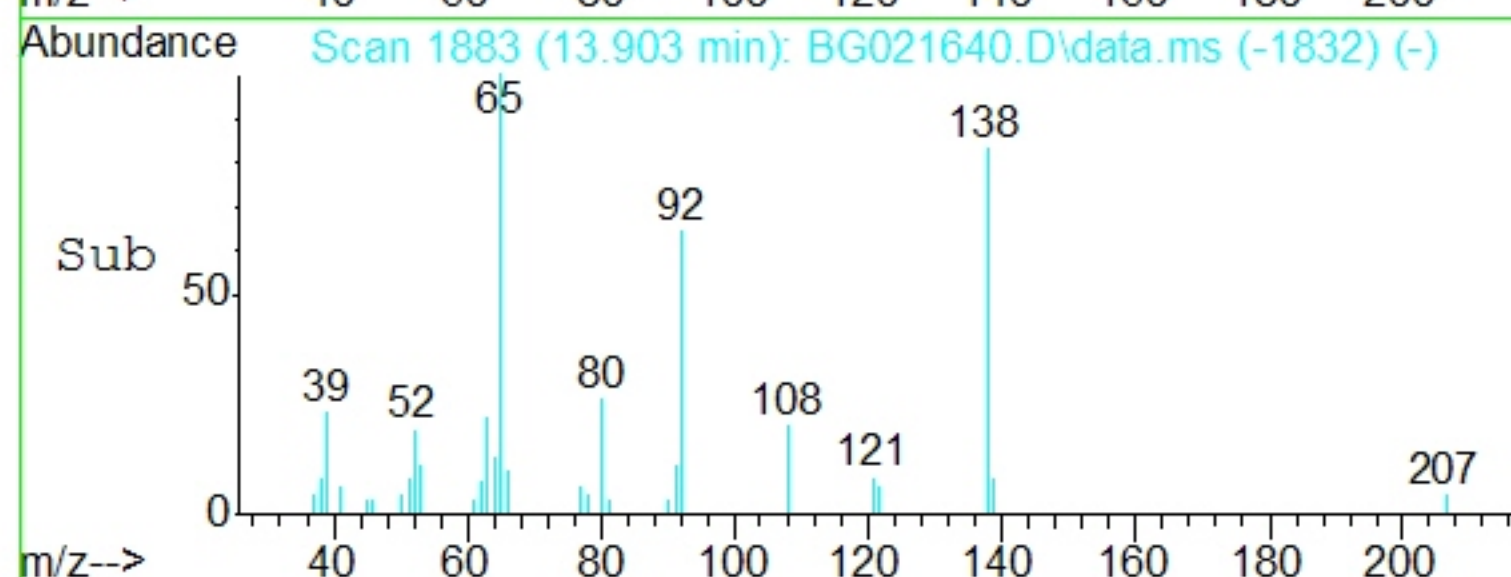
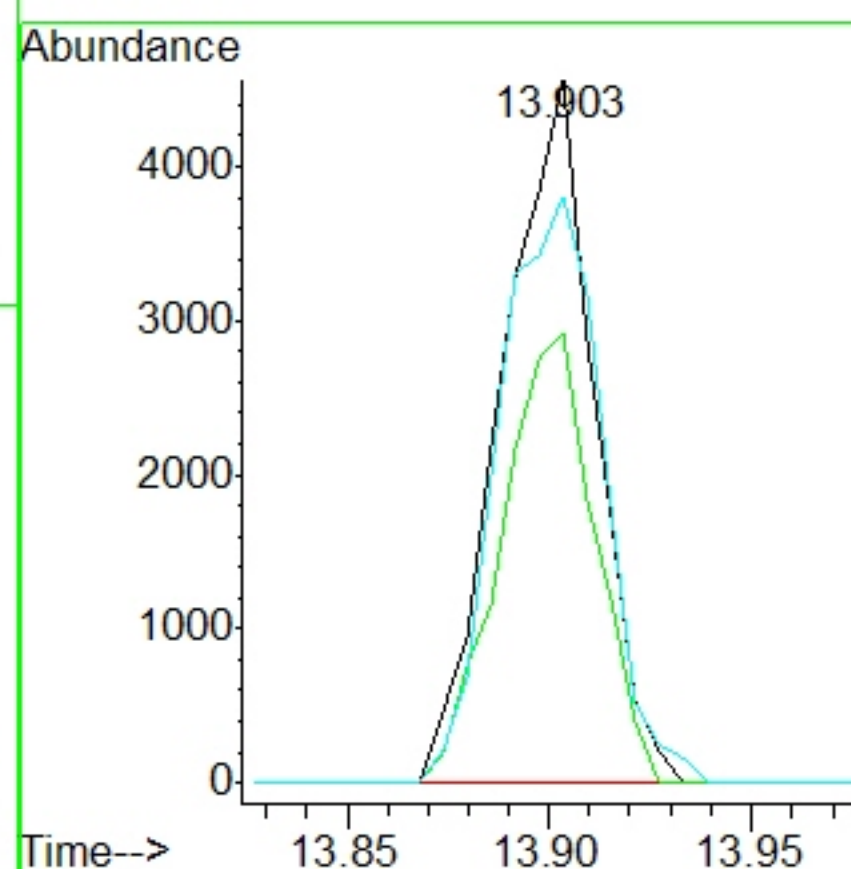
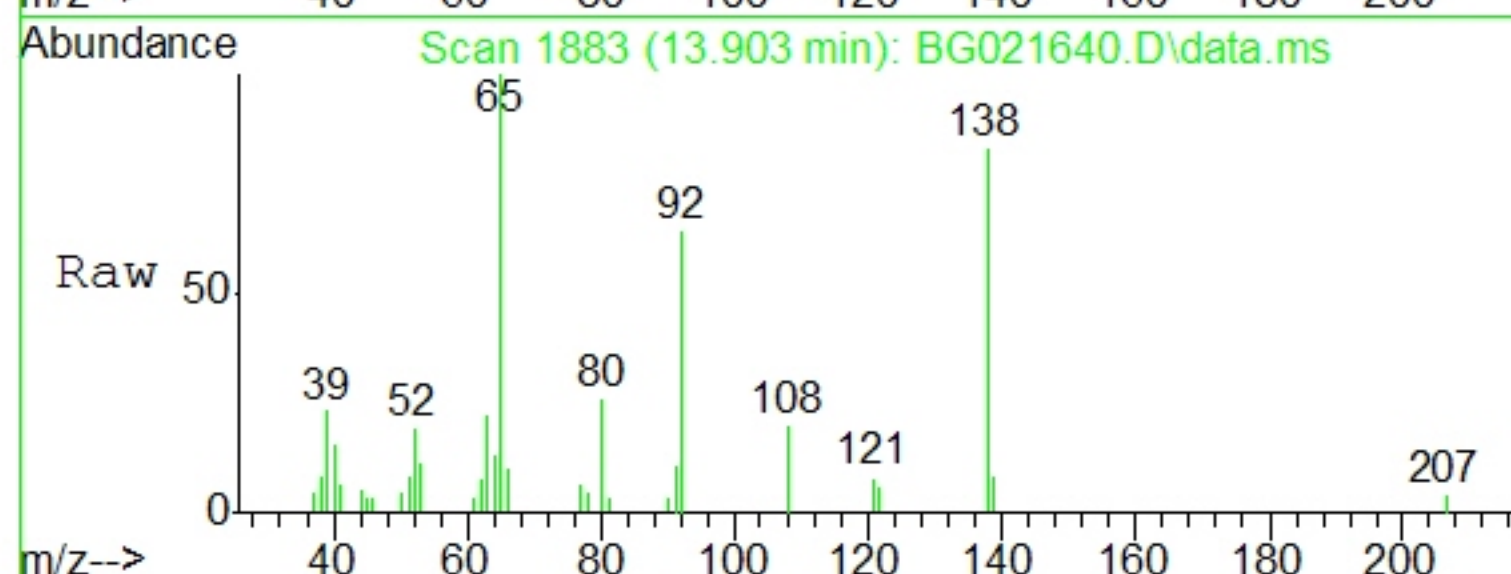






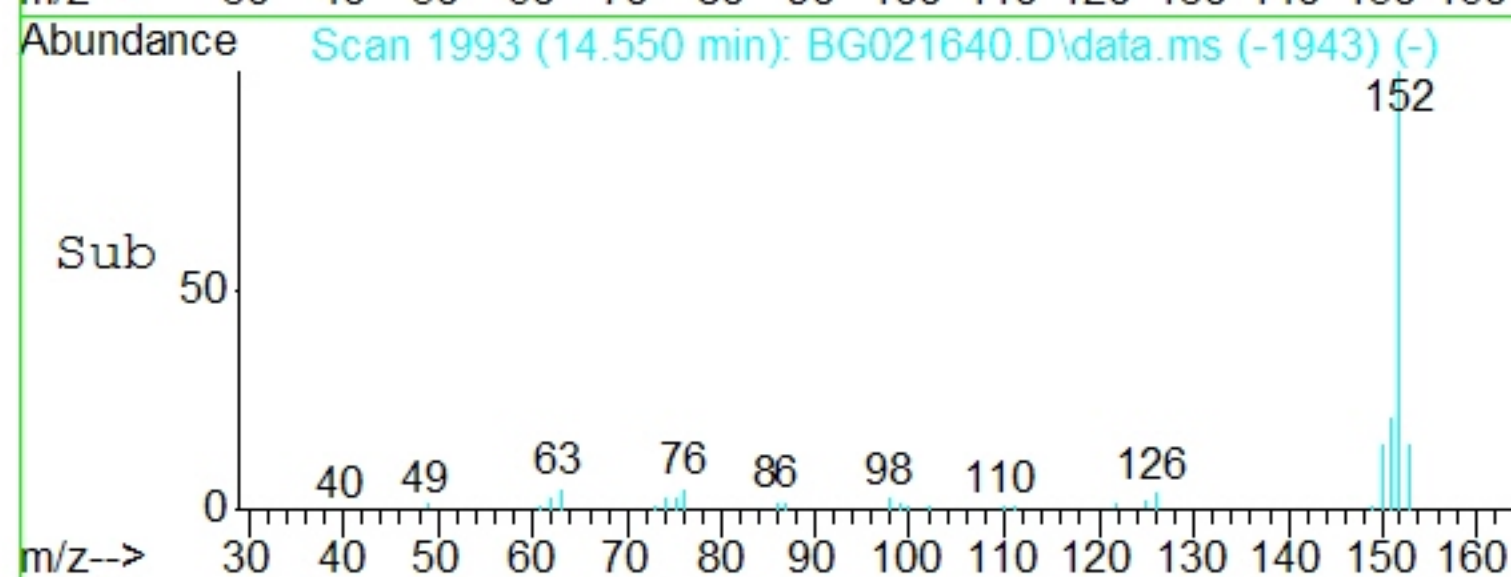
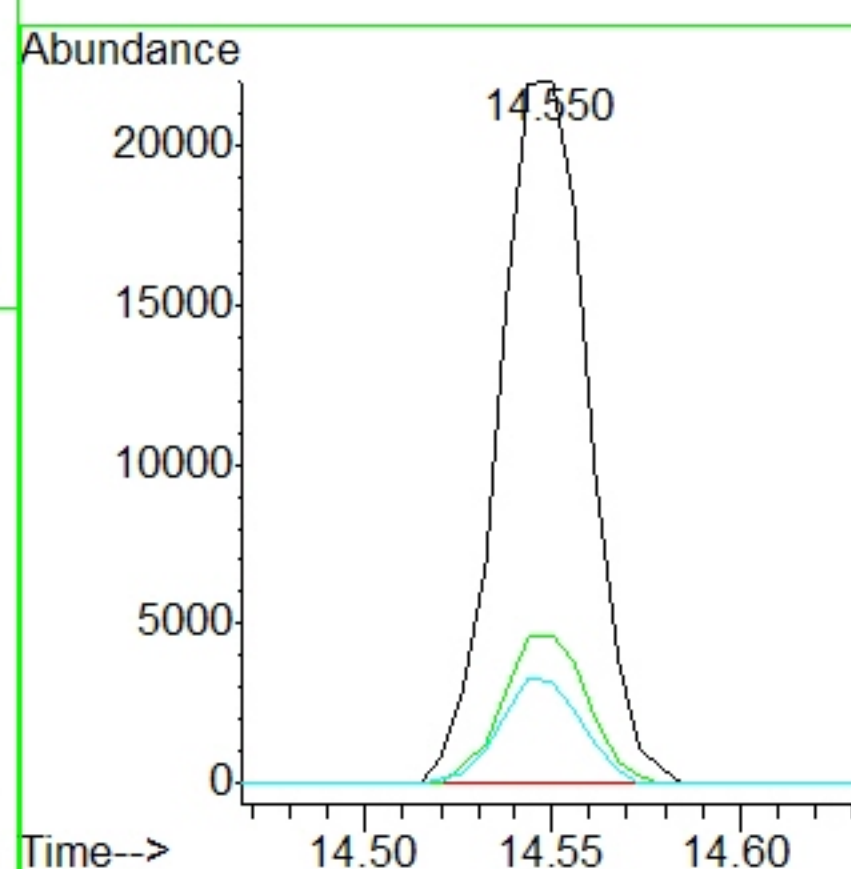
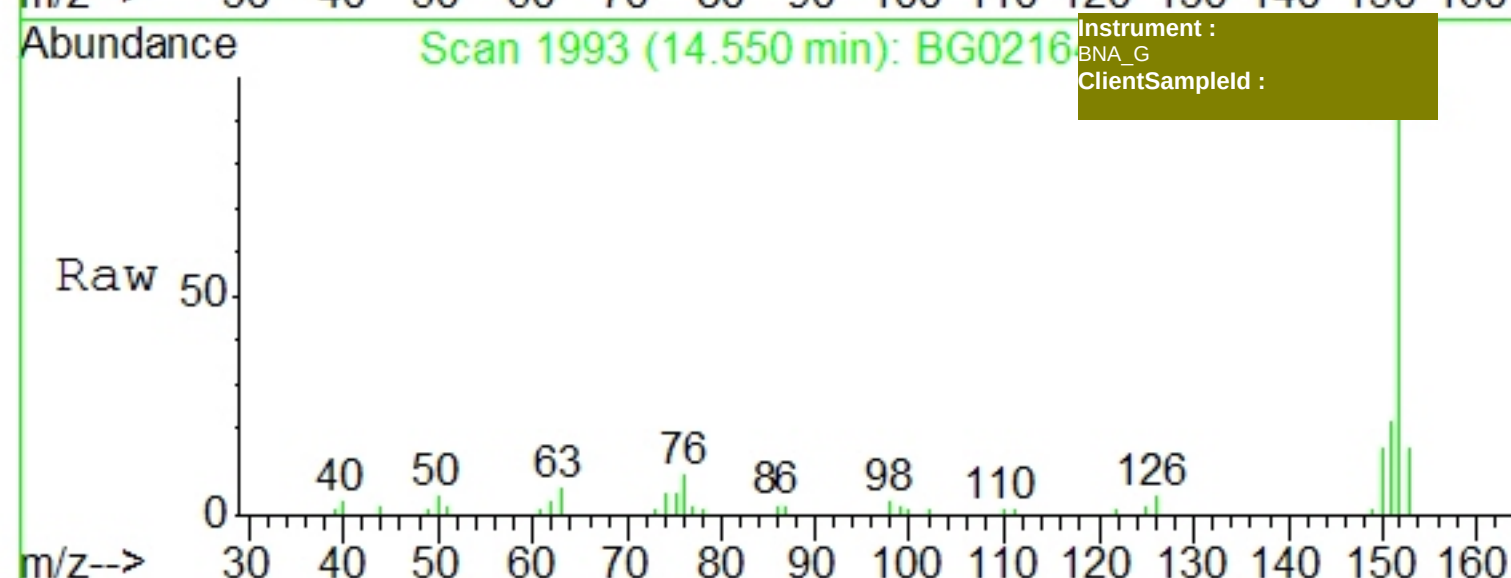
#47  
2-Nitroaniline  
Concen: 3.99 ng  
RT: 13.903 min Scan# 1883  
Delta R.T. 0.000 min  
Lab File: BG021640.D  
Acq: 14 Apr 2016 4:58

Tgt Ion: 65 Resp: 7295  
Ion Ratio Lower Upper  
65 100  
92 64.1 49.2 73.8  
138 83.3 75.0 112.6

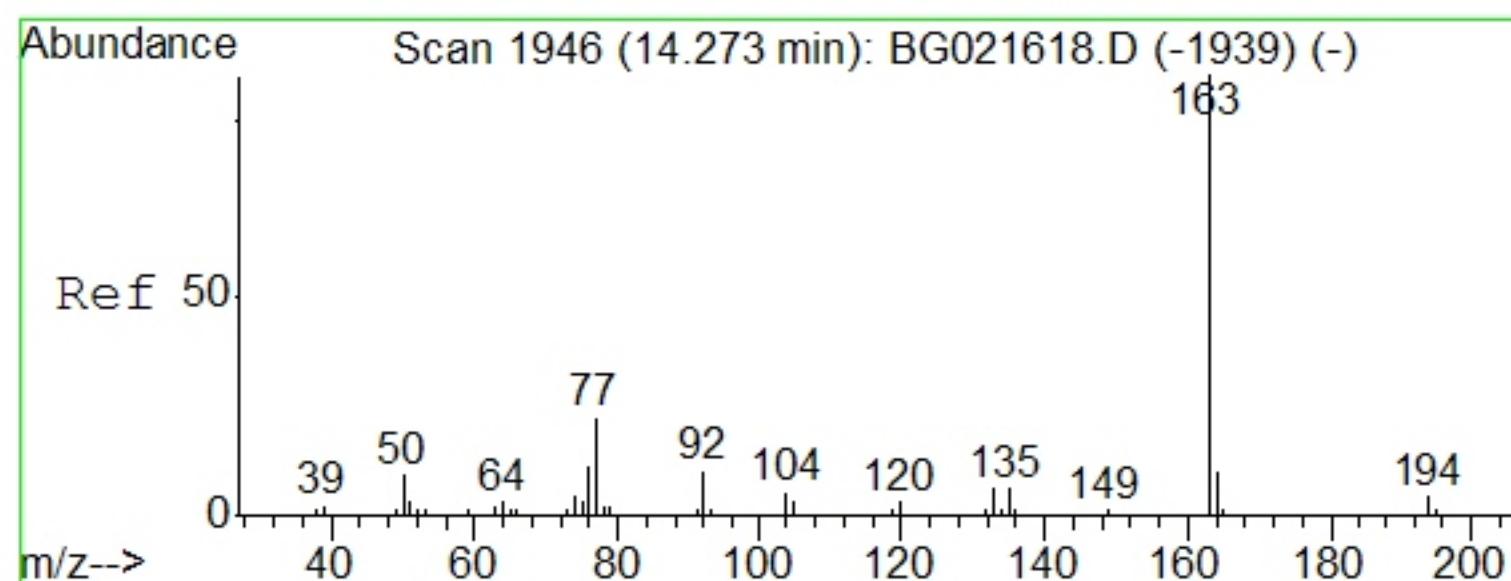


#48  
Acenaphthylene  
Concen: 4.13 ng  
RT: 14.550 min Scan# 1993  
Delta R.T. -0.006 min  
Lab File: BG021640.D  
Acq: 14 Apr 2016 4:58

Tgt Ion: 152 Resp: 36405  
Ion Ratio Lower Upper  
152 100  
151 21.1 16.6 24.8  
153 14.6 10.2 15.2

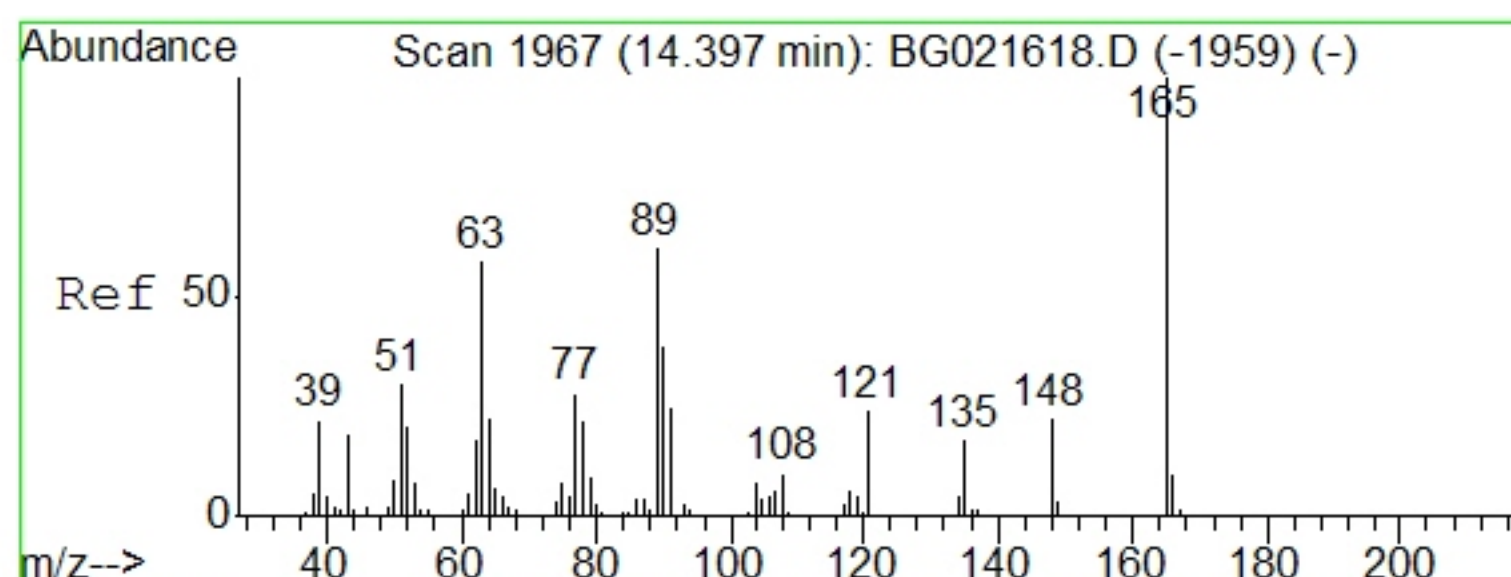
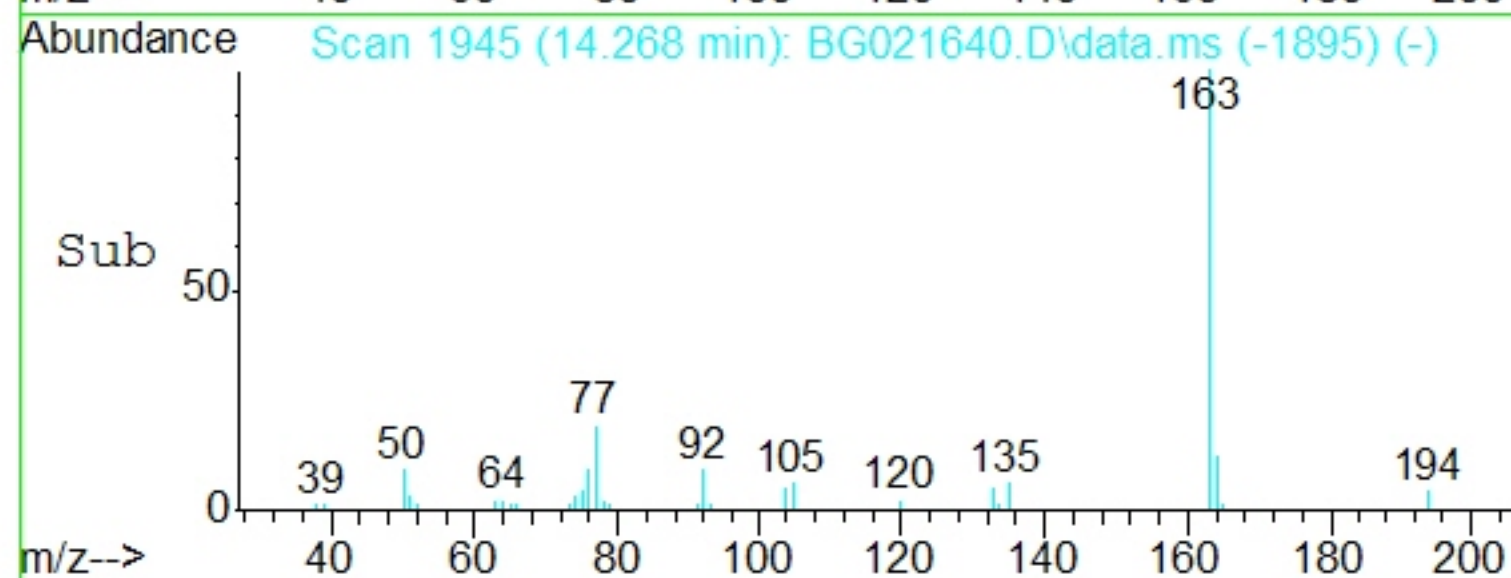
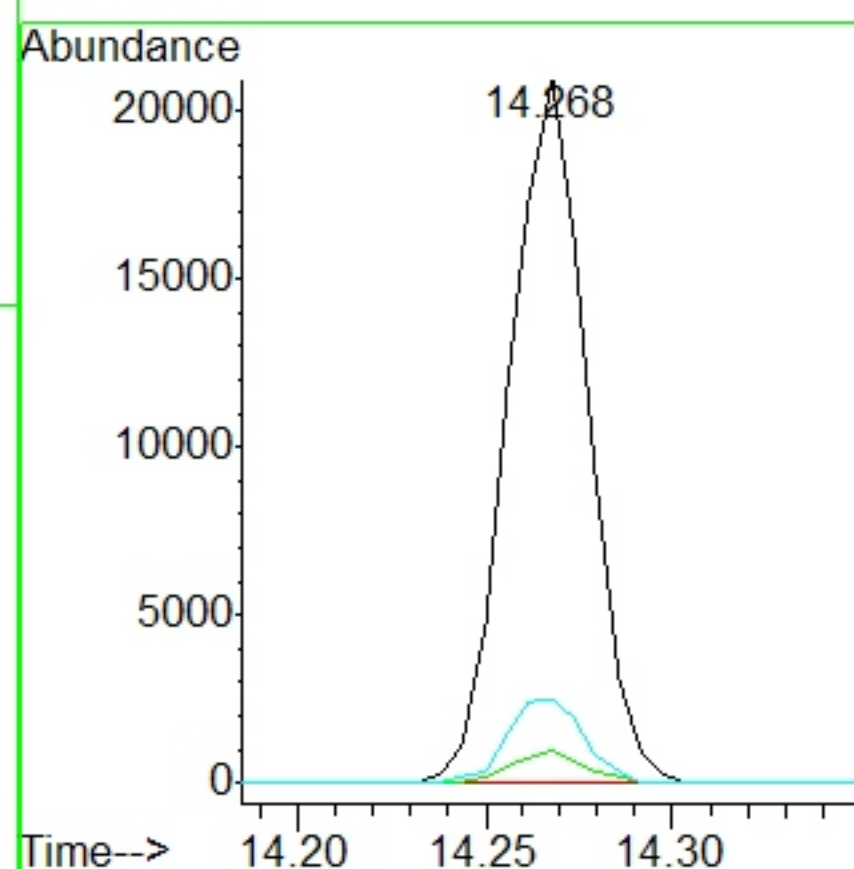
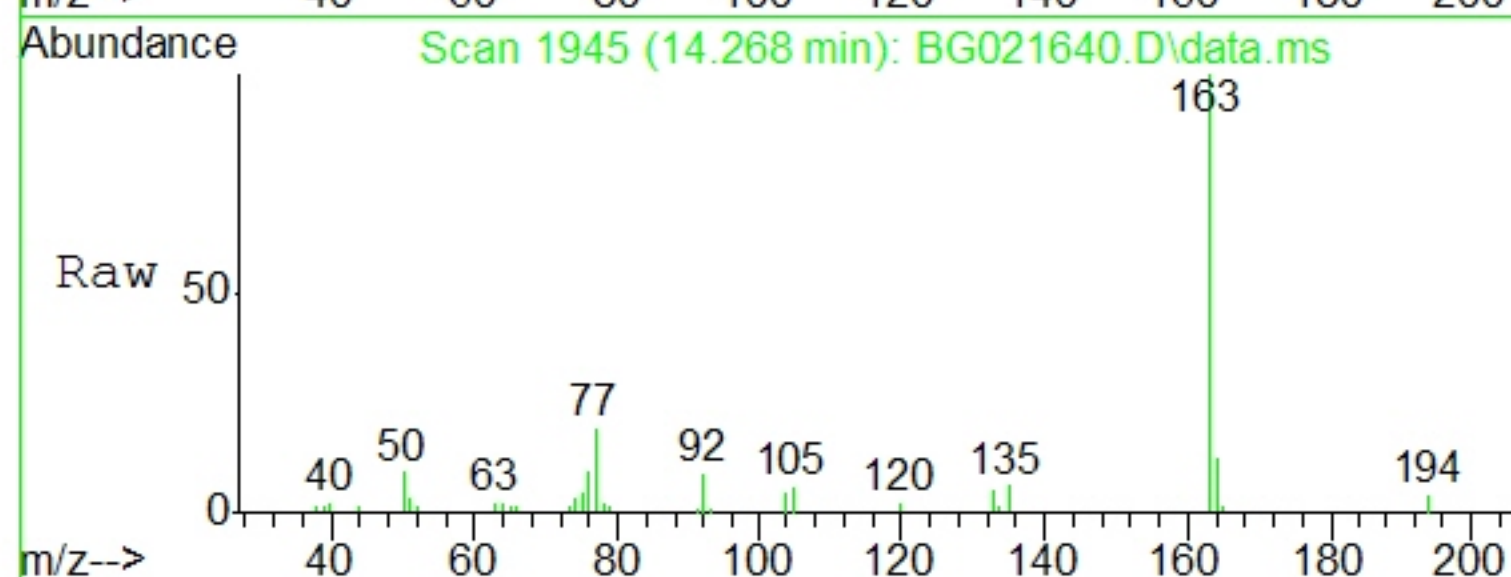






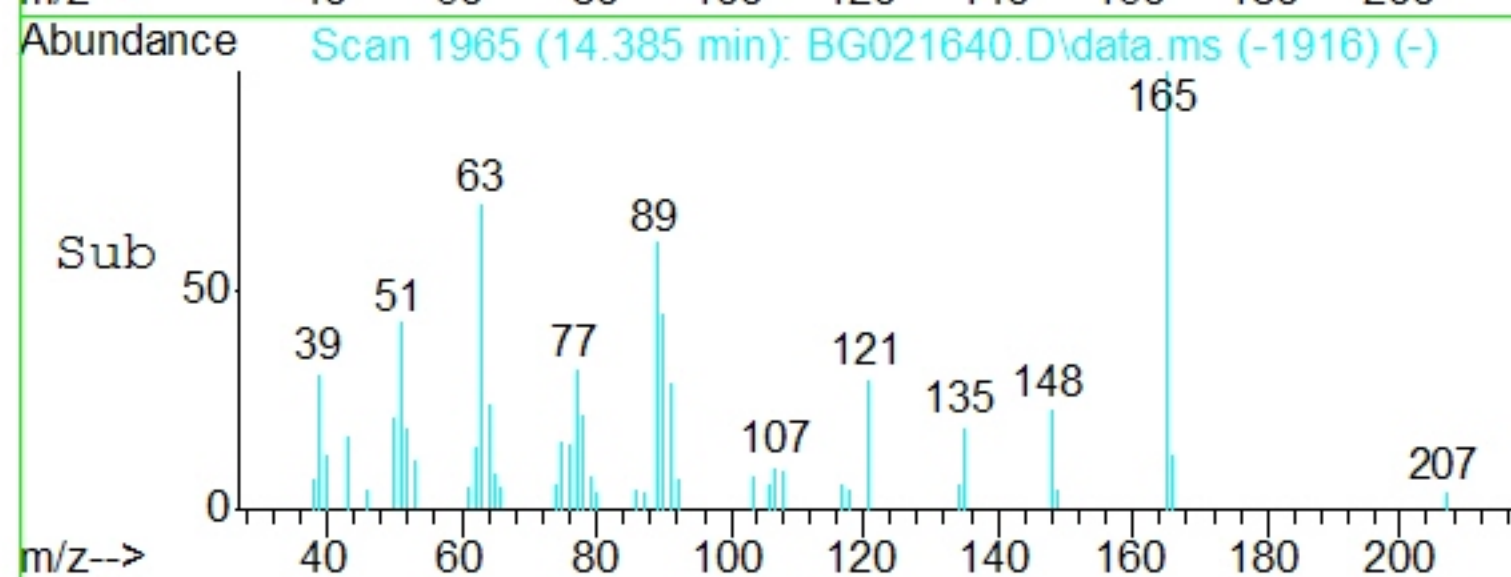
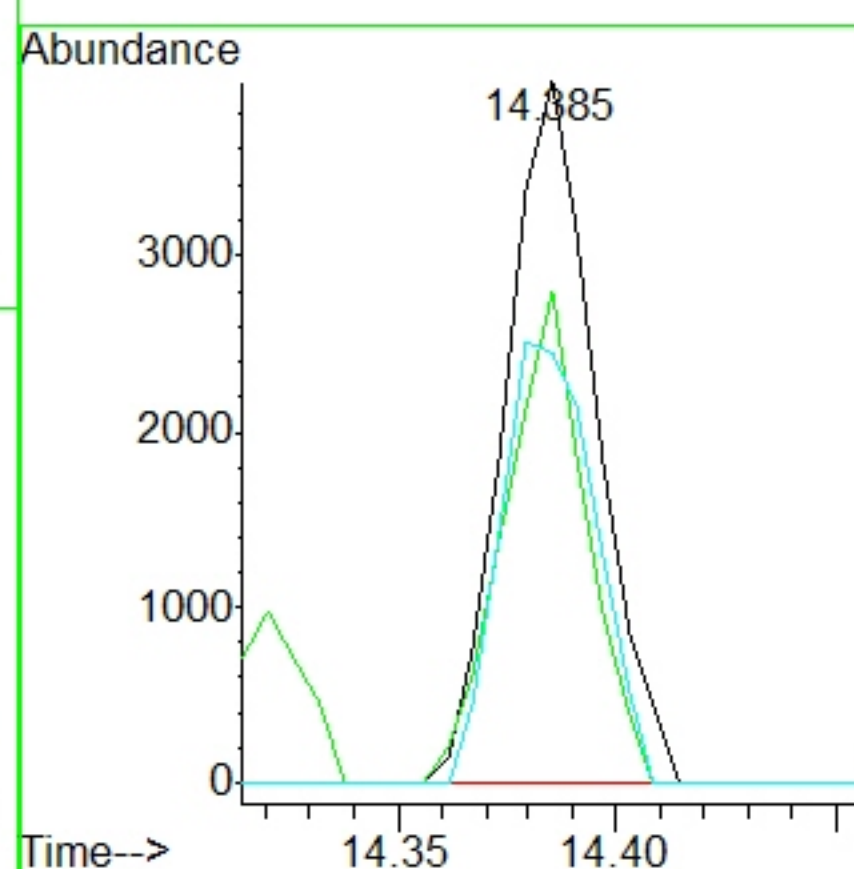
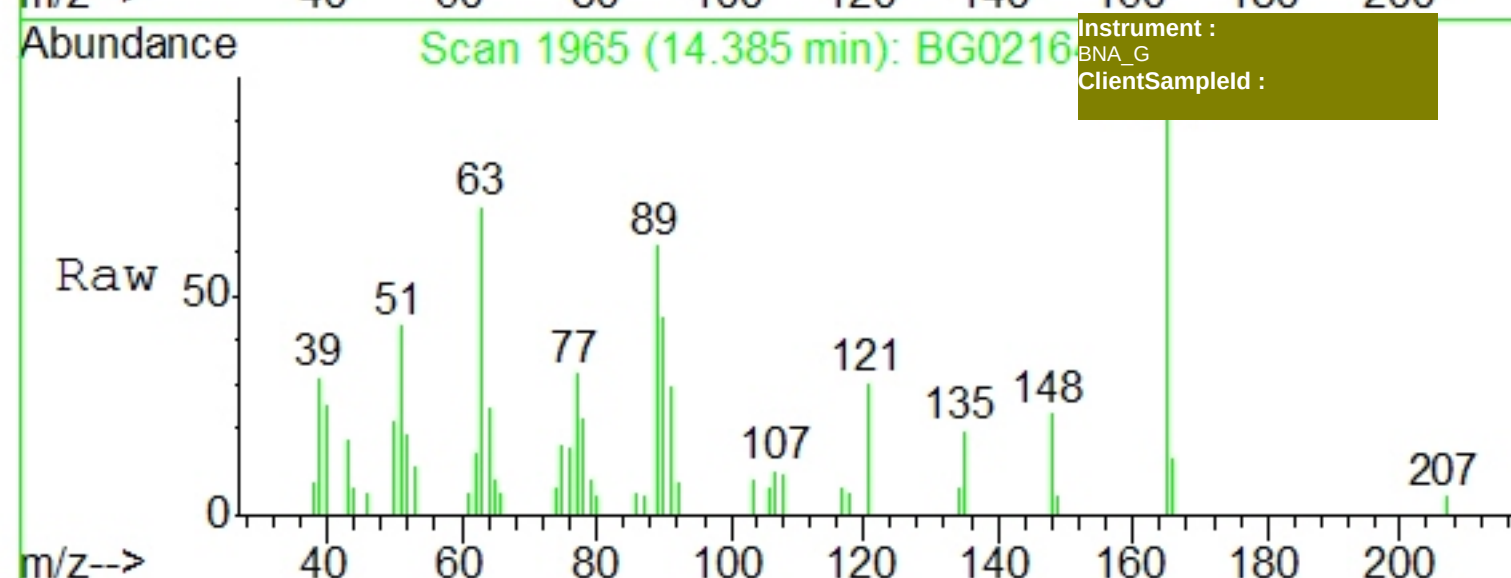
#49  
Dimethylphthalate  
Concen: 4.10 ng  
RT: 14.268 min Scan# 1945  
Delta R.T. -0.006 min  
Lab File: BG021640.D  
Acq: 14 Apr 2016 4:58

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 163     | 100   |       |       |
| 194     | 4.5   | 3.0   | 4.6   |
| 164     | 11.7  | 8.1   | 12.1  |

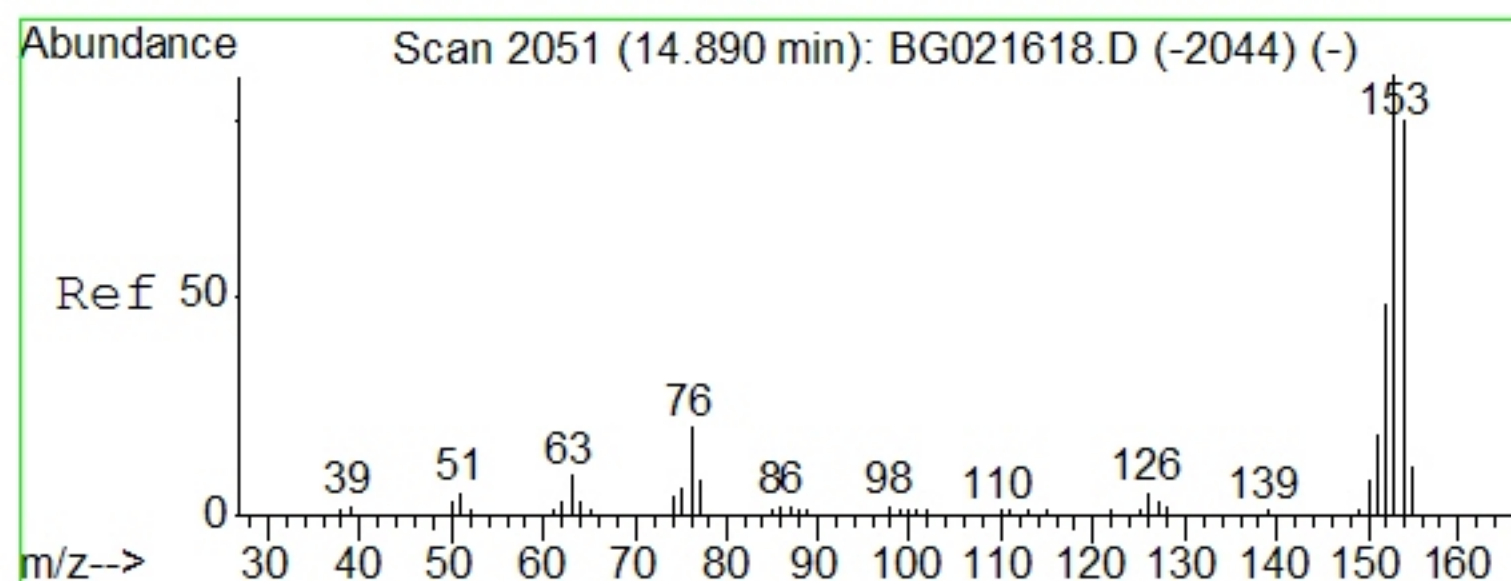


#50  
2,6-Dinitrotoluene  
Concen: 4.09 ng  
RT: 14.385 min Scan# 1965  
Delta R.T. -0.011 min  
Lab File: BG021640.D  
Acq: 14 Apr 2016 4:58

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 165     | 100   |       |       |
| 63      | 70.0  | 48.2  | 72.4  |
| 89      | 61.2  | 45.3  | 67.9  |

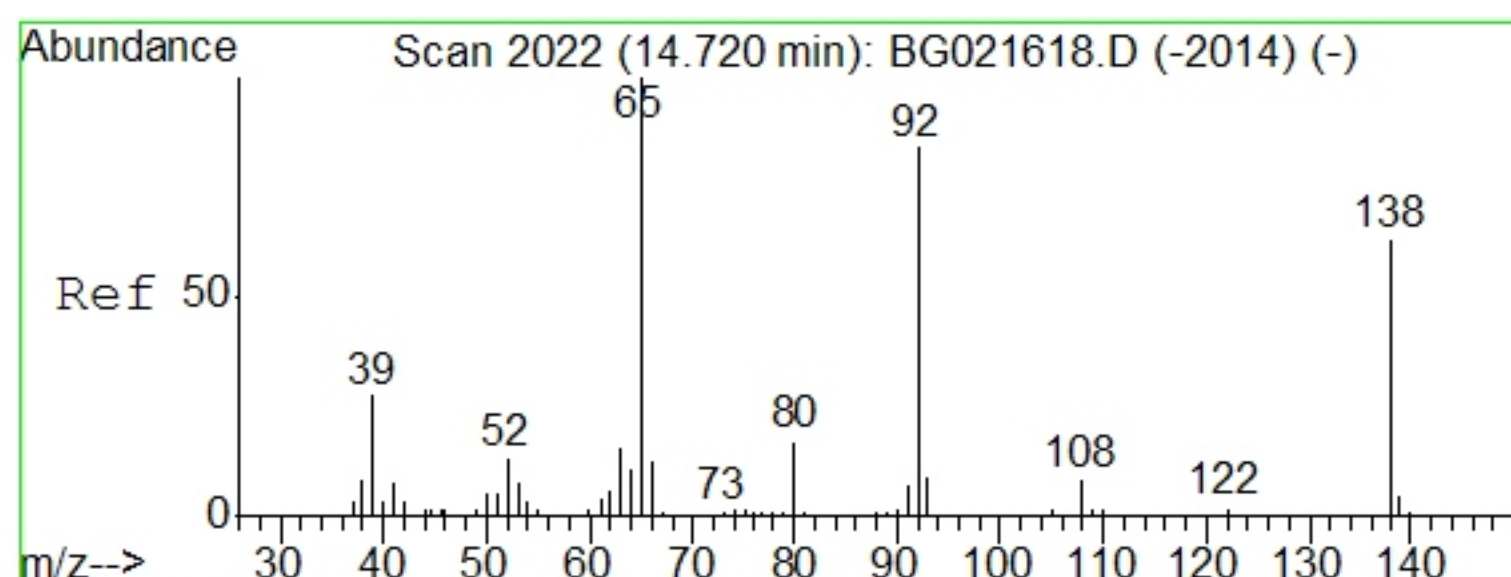
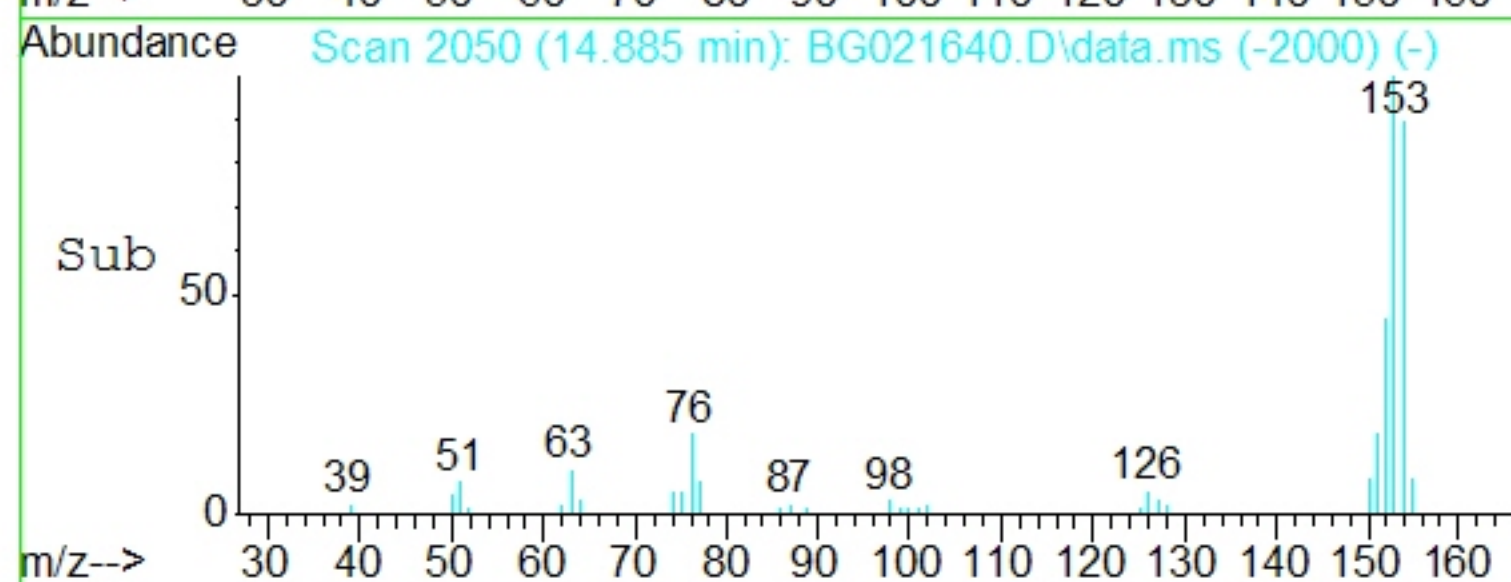
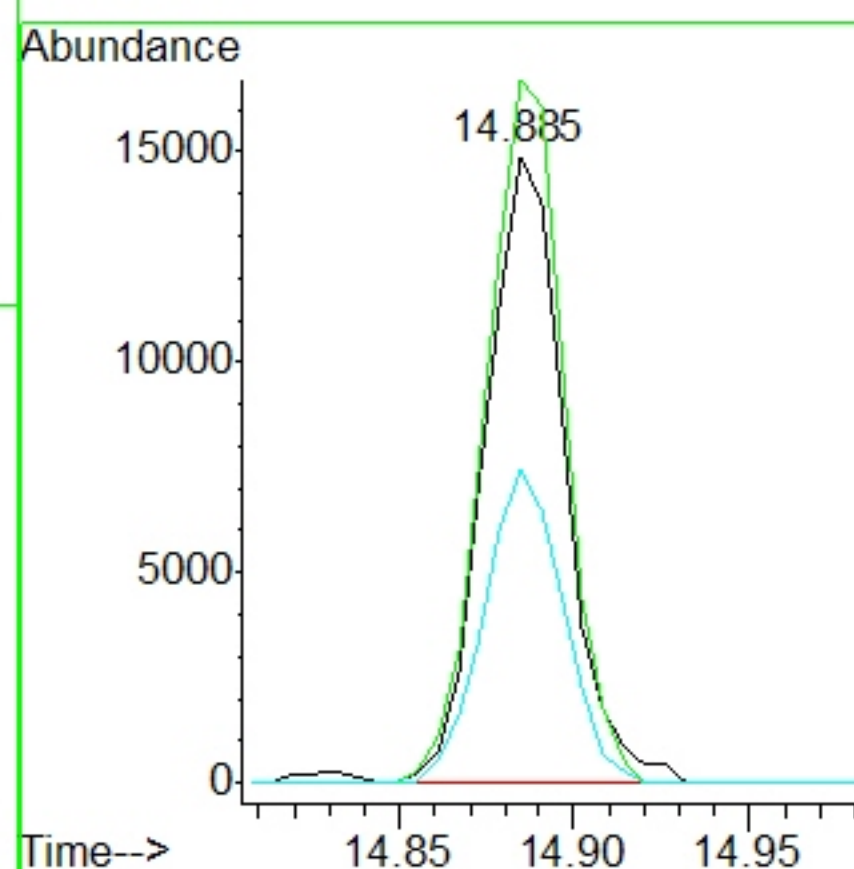
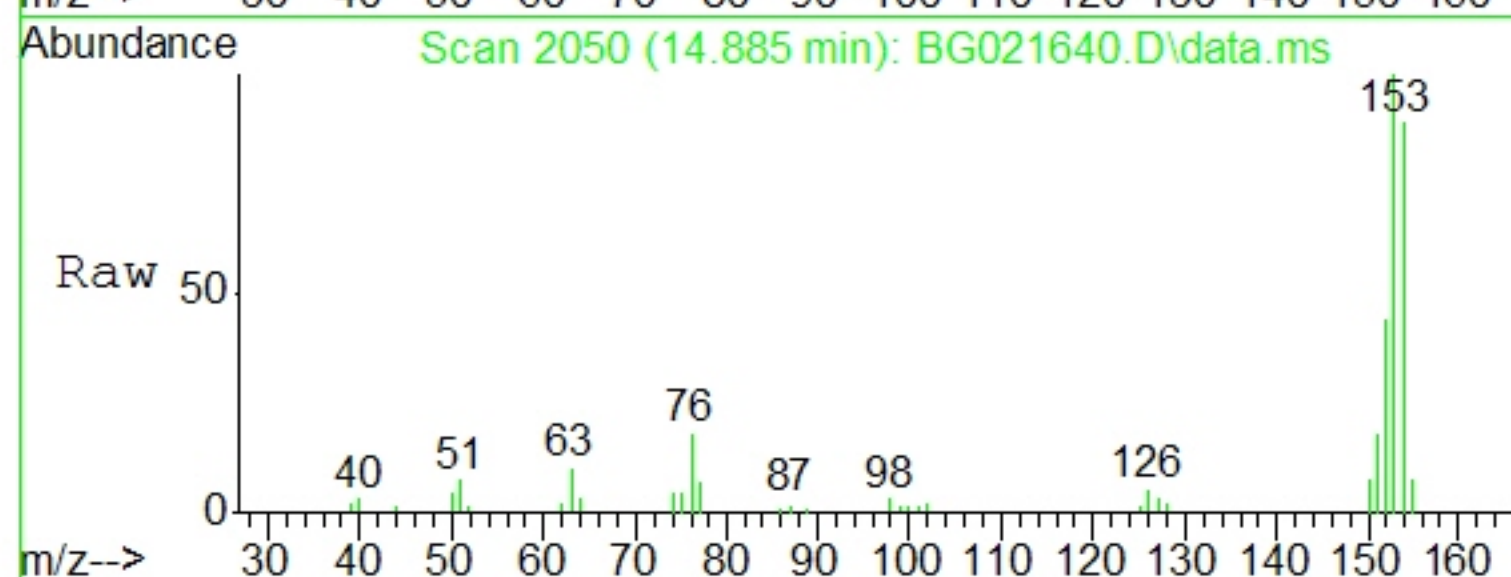






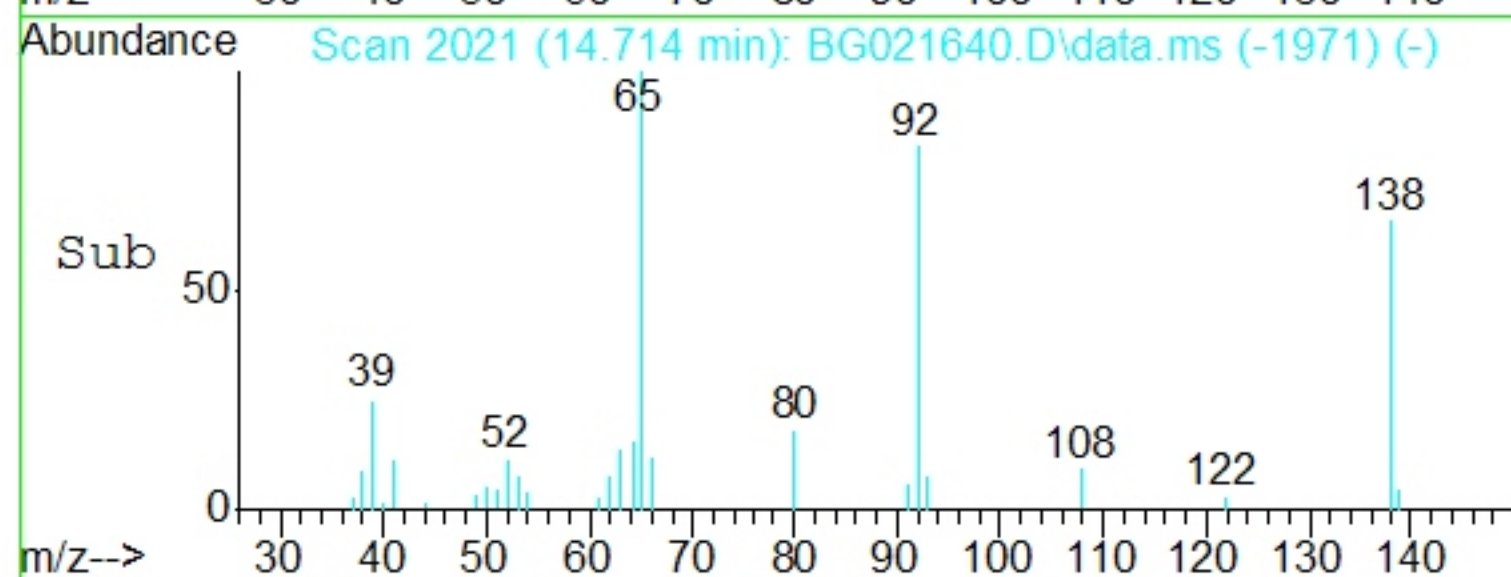
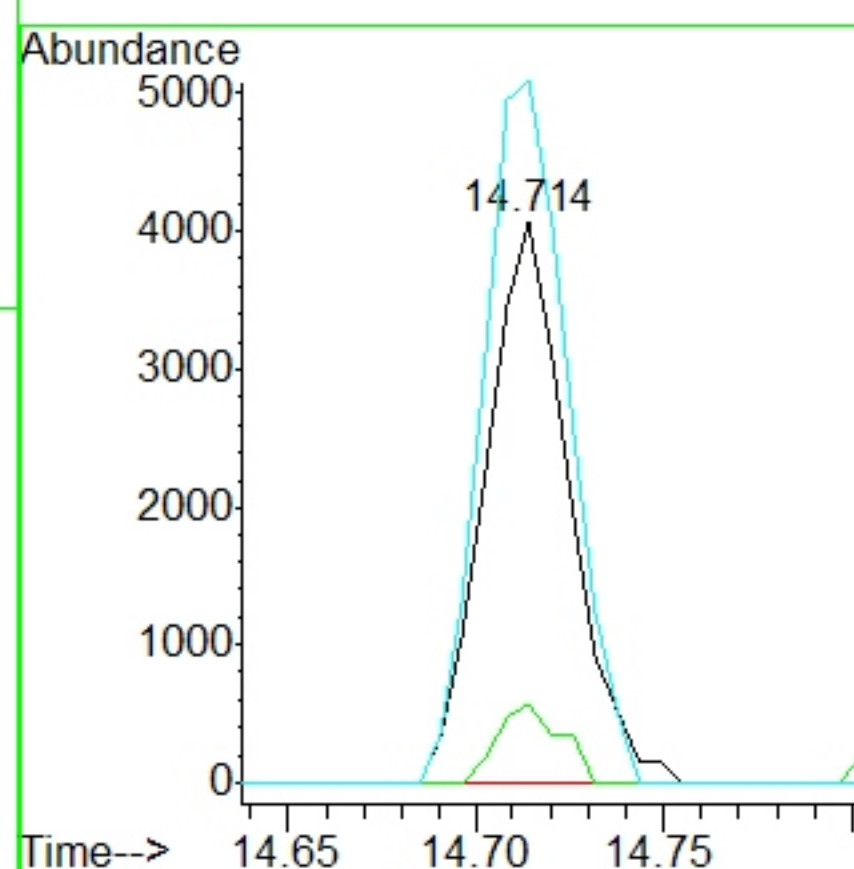
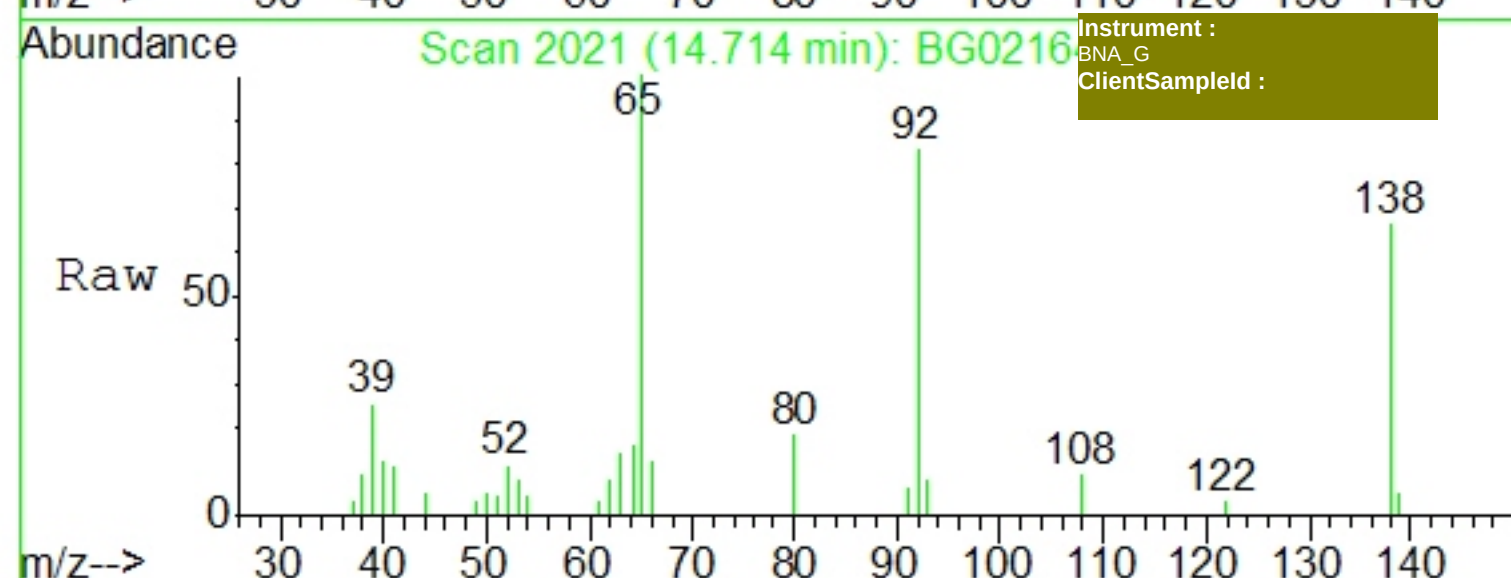
#51  
Acenaphthene  
Concen: 4.17 ng  
RT: 14.885 min Scan# 2050  
Delta R.T. -0.006 min  
Lab File: BG021640.D  
Acq: 14 Apr 2016 4:58

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 154     | 100   |       |       |
| 153     | 112.2 | 91.9  | 137.9 |
| 152     | 49.8  | 42.0  | 63.0  |

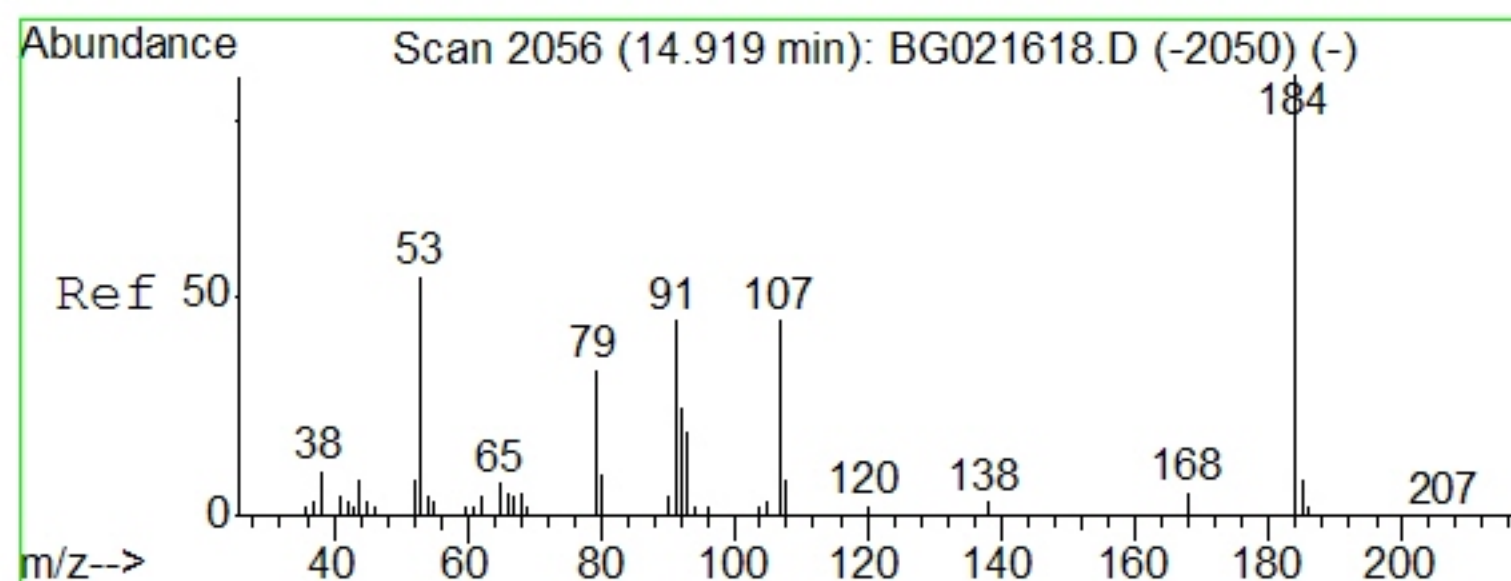


#52  
3-Nitroaniline  
Concen: 4.05 ng  
RT: 14.714 min Scan# 2021  
Delta R.T. -0.006 min  
Lab File: BG021640.D  
Acq: 14 Apr 2016 4:58

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 138     | 100   |       |       |
| 108     | 14.1  | 9.1   | 13.7# |
| 92      | 125.2 | 102.6 | 154.0 |

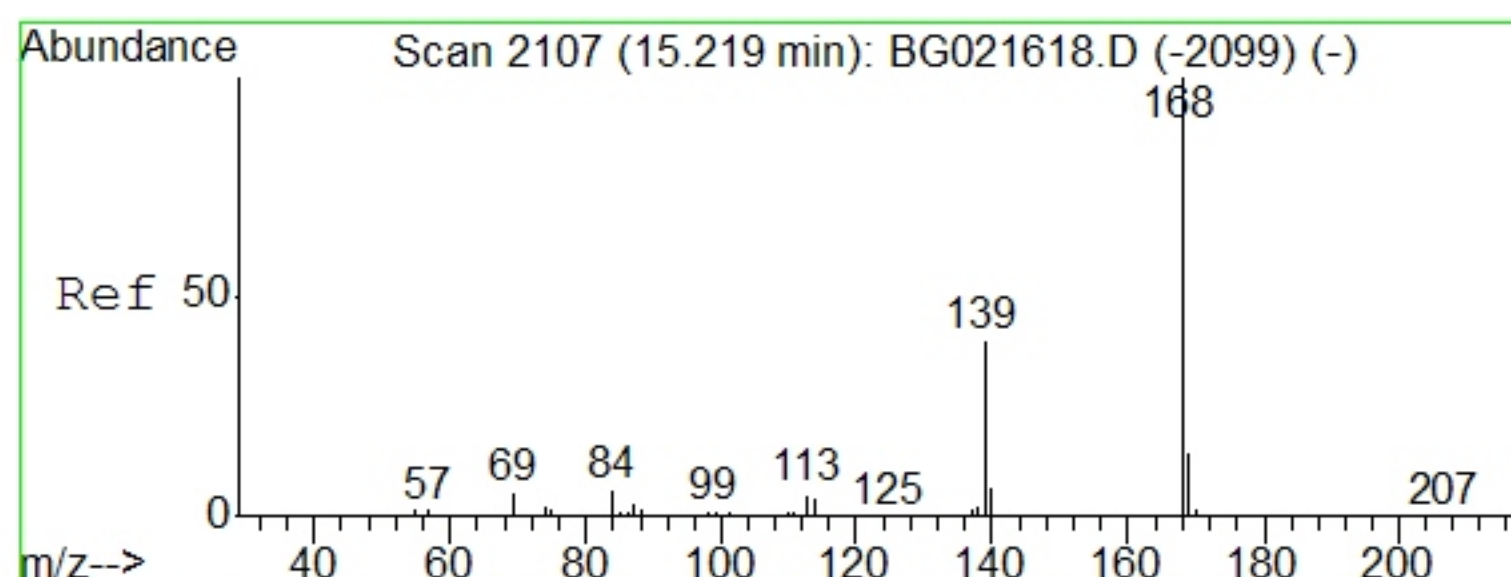
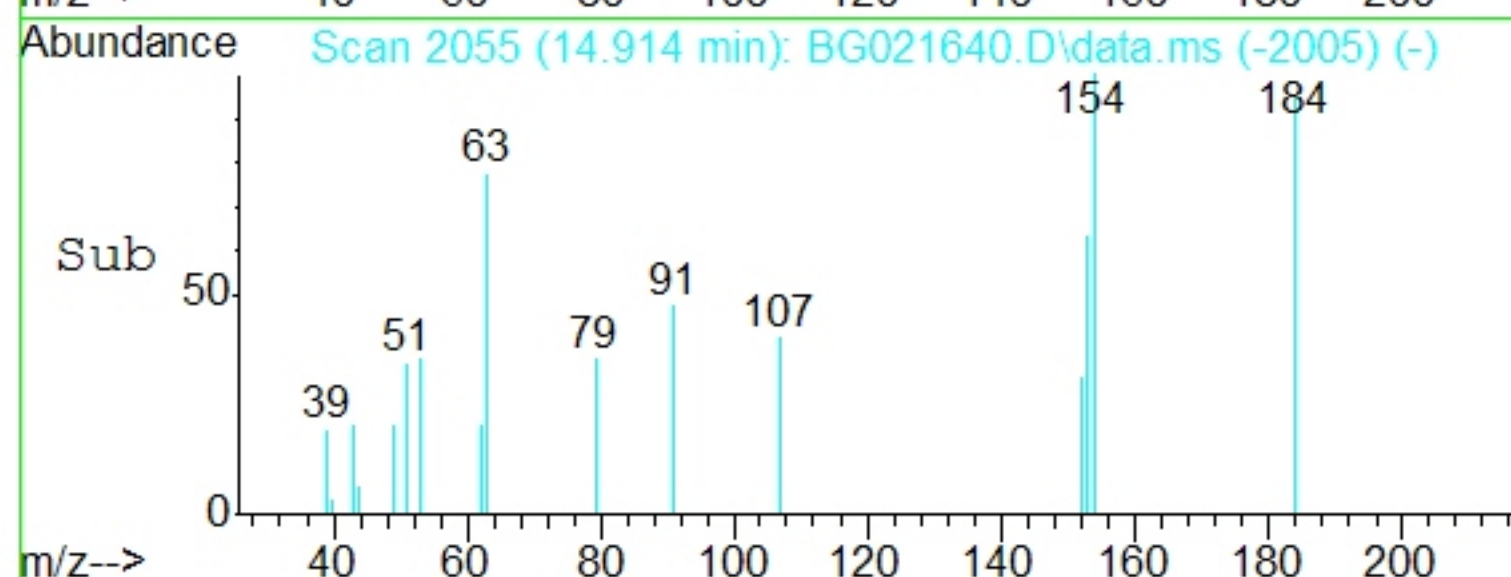
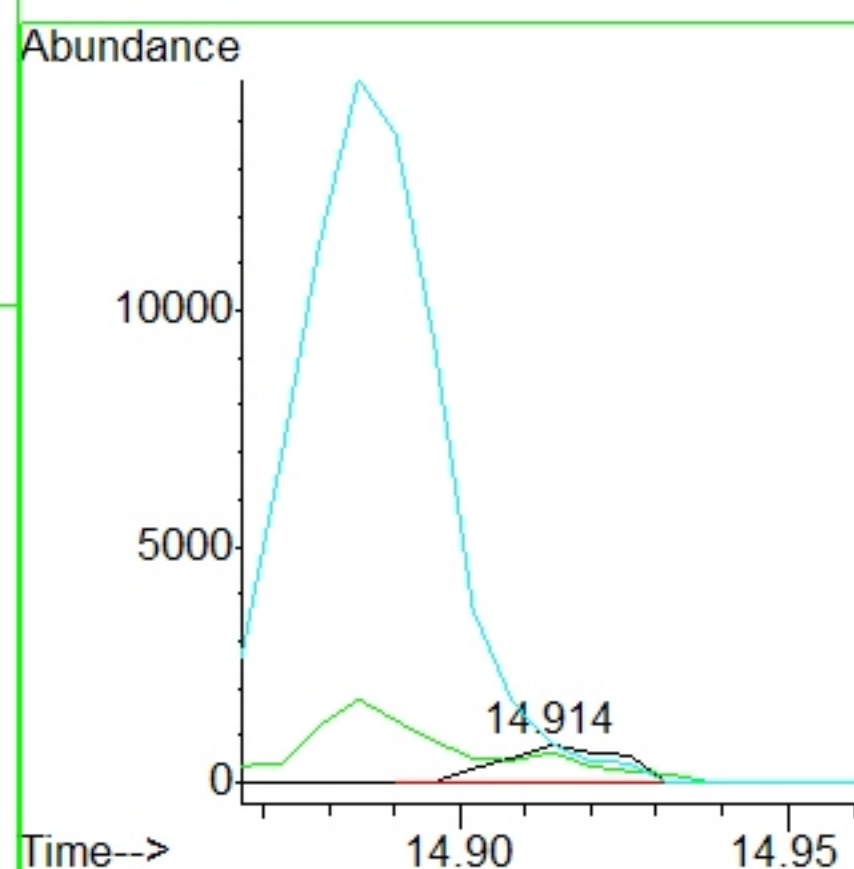
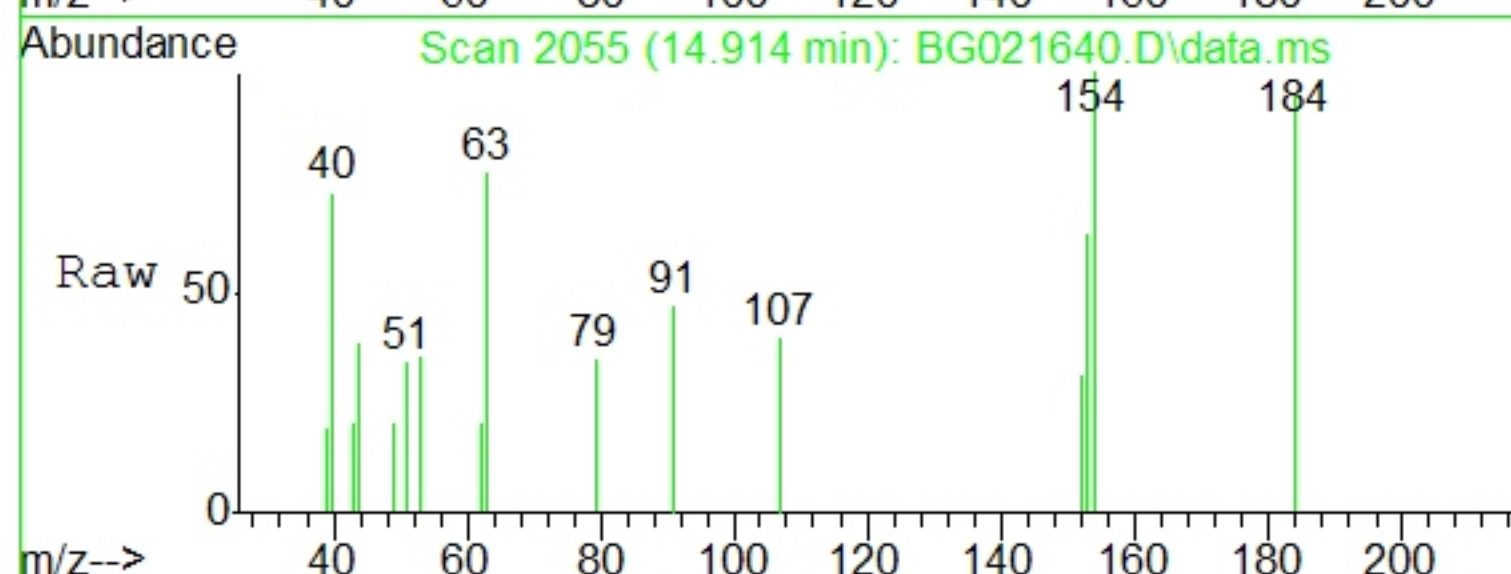






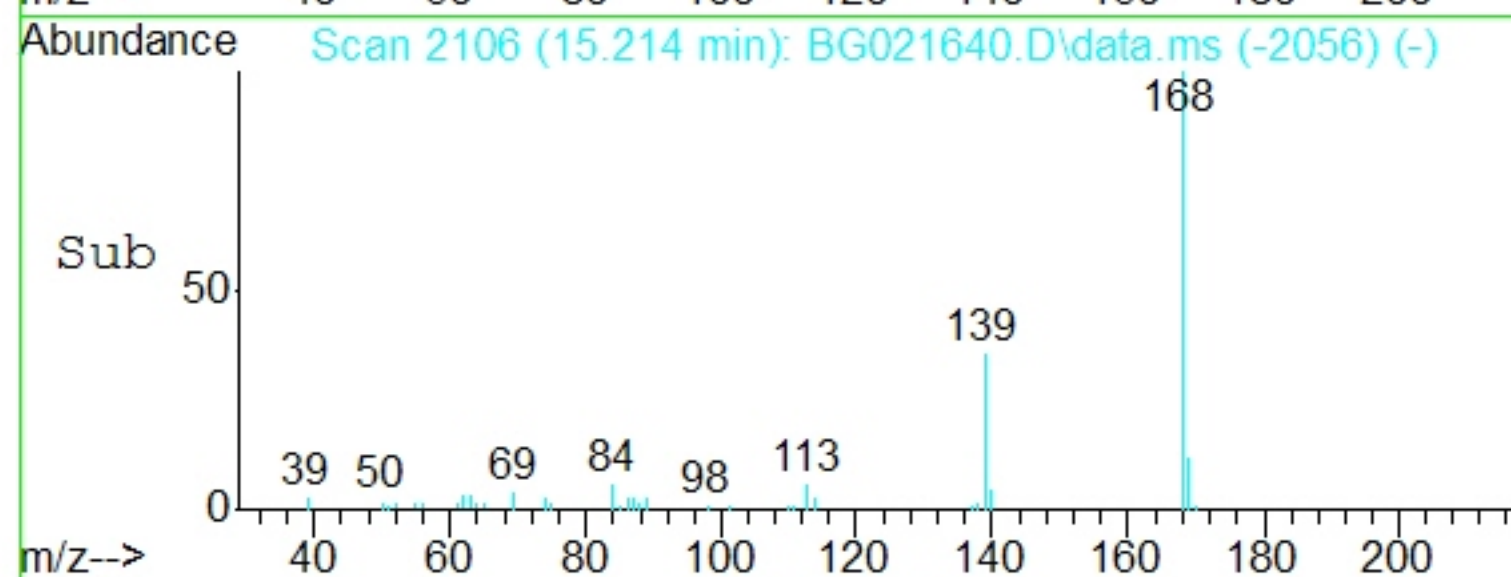
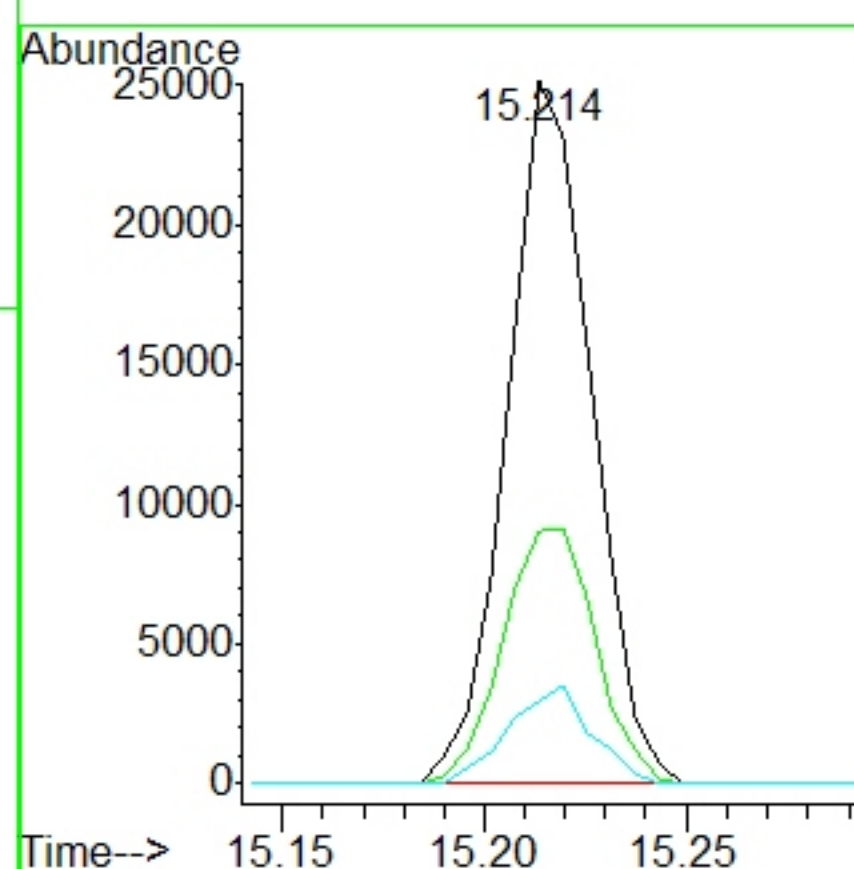
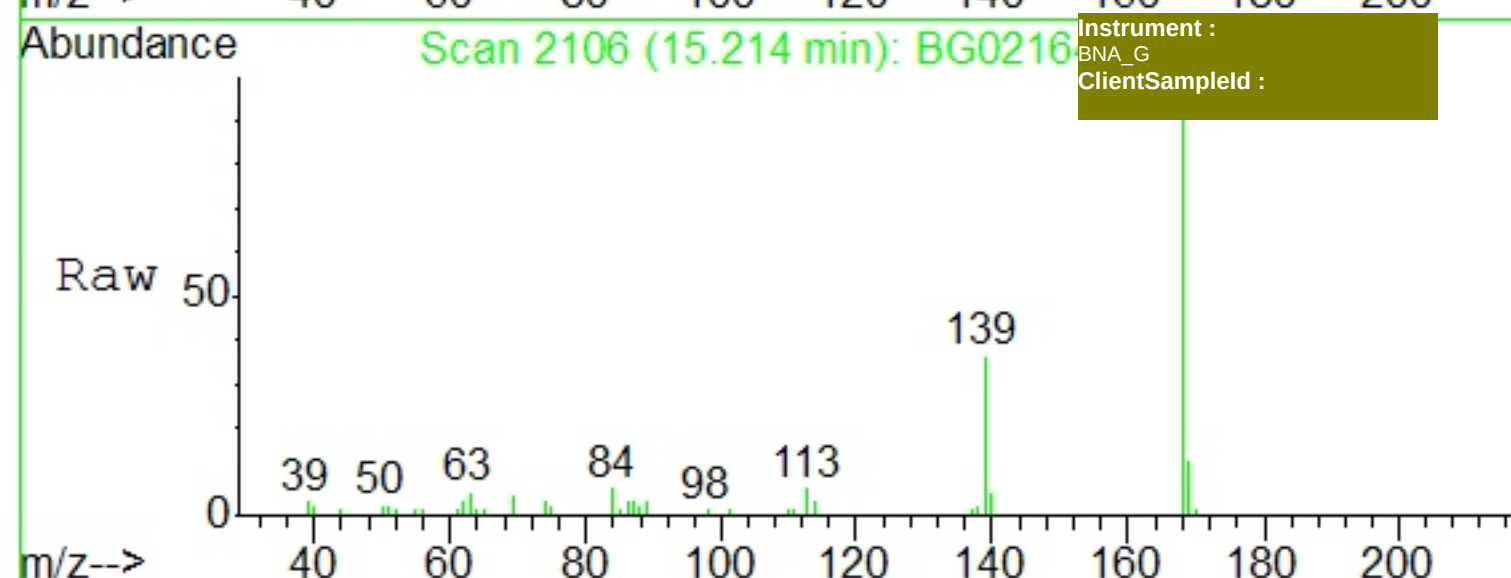
#53  
2,4-Dinitrophenol  
Concen: 9.09 ng  
RT: 14.914 min Scan# 2055  
Delta R.T. -0.005 min  
Lab File: BG021640.D  
Acq: 14 Apr 2016 4:58

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 184     | 100   |       |       |
| 63      | 81.3  | 57.3  | 85.9  |
| 154     | 105.5 | 55.2  | 82.8# |

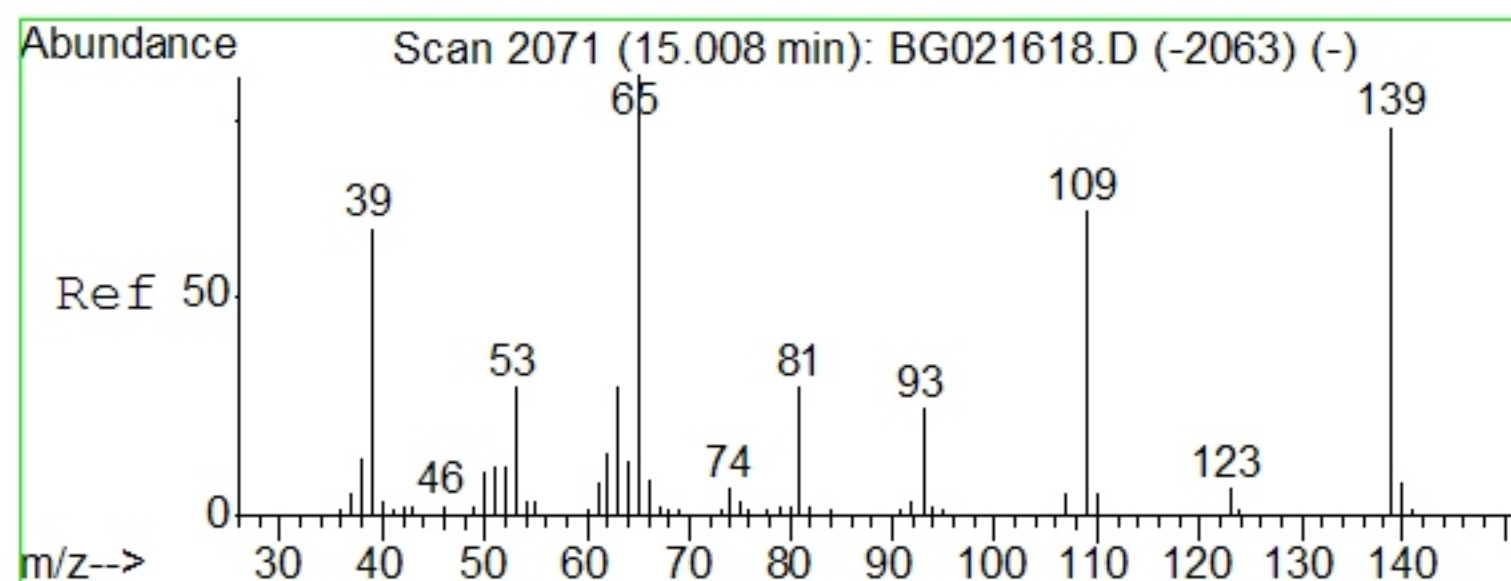


#54  
Dibenzofuran  
Concen: 4.70 ng  
RT: 15.214 min Scan# 2106  
Delta R.T. -0.006 min  
Lab File: BG021640.D  
Acq: 14 Apr 2016 4:58

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 168     | 100   |       |       |
| 139     | 36.0  | 31.1  | 46.7  |
| 169     | 12.0  | 11.0  | 16.6  |

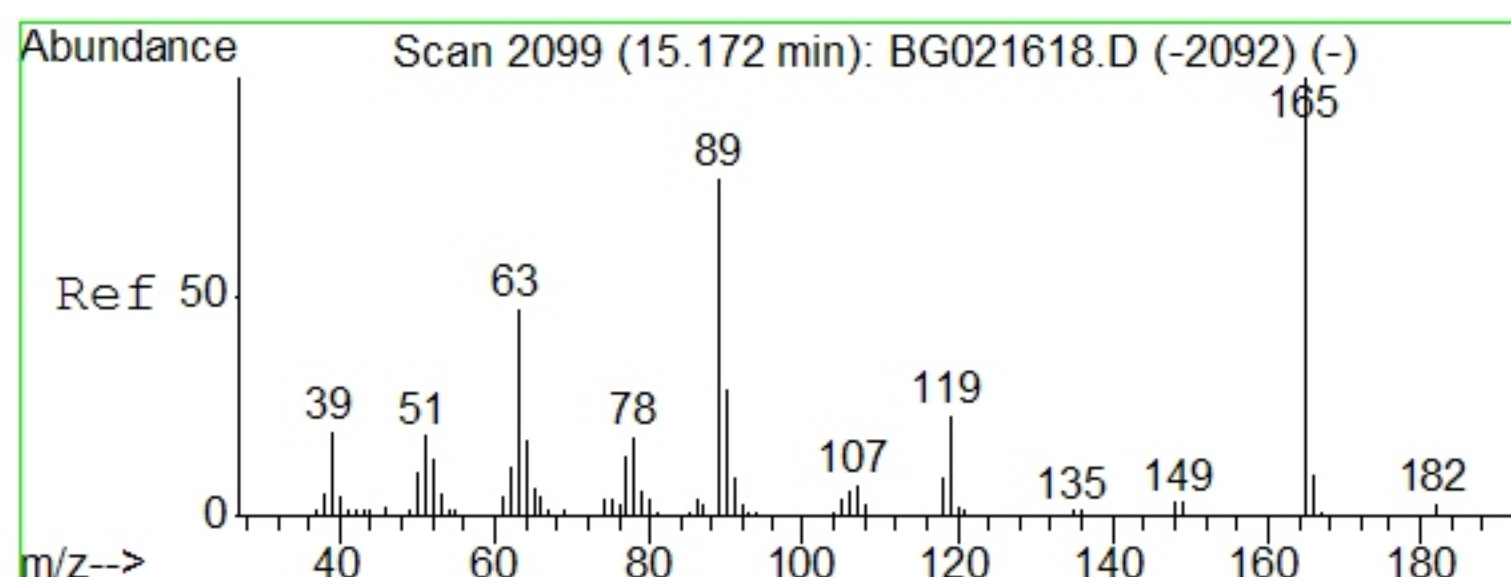
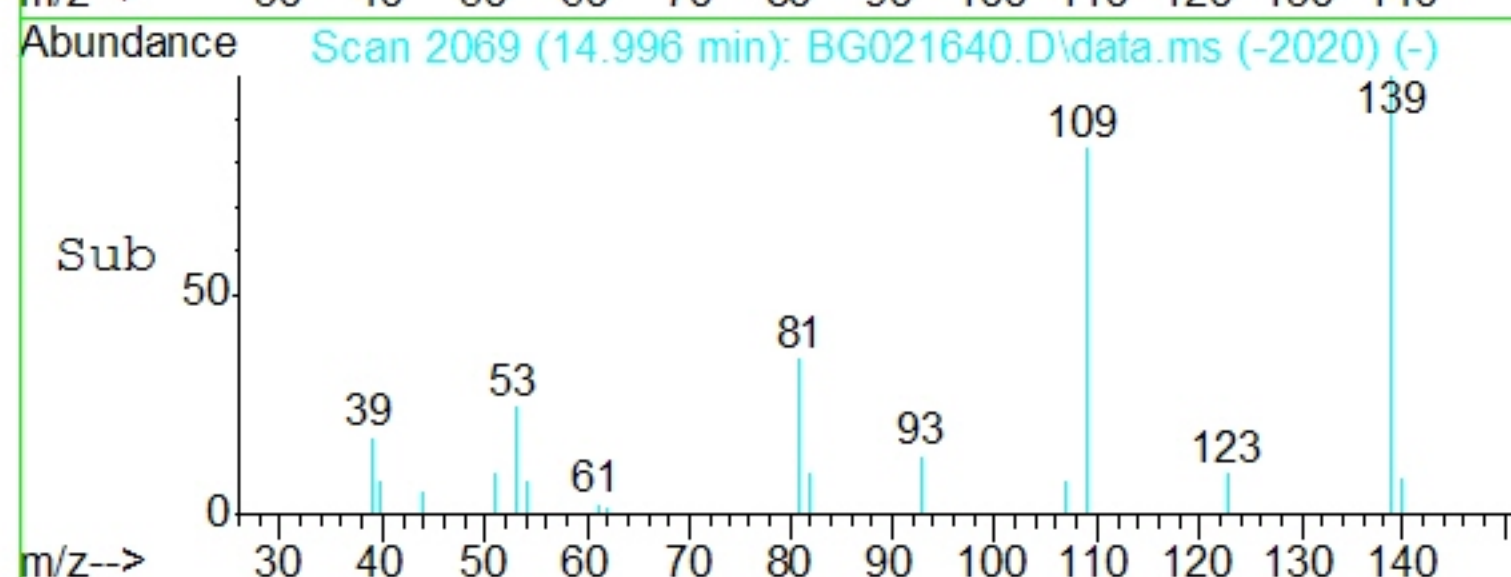
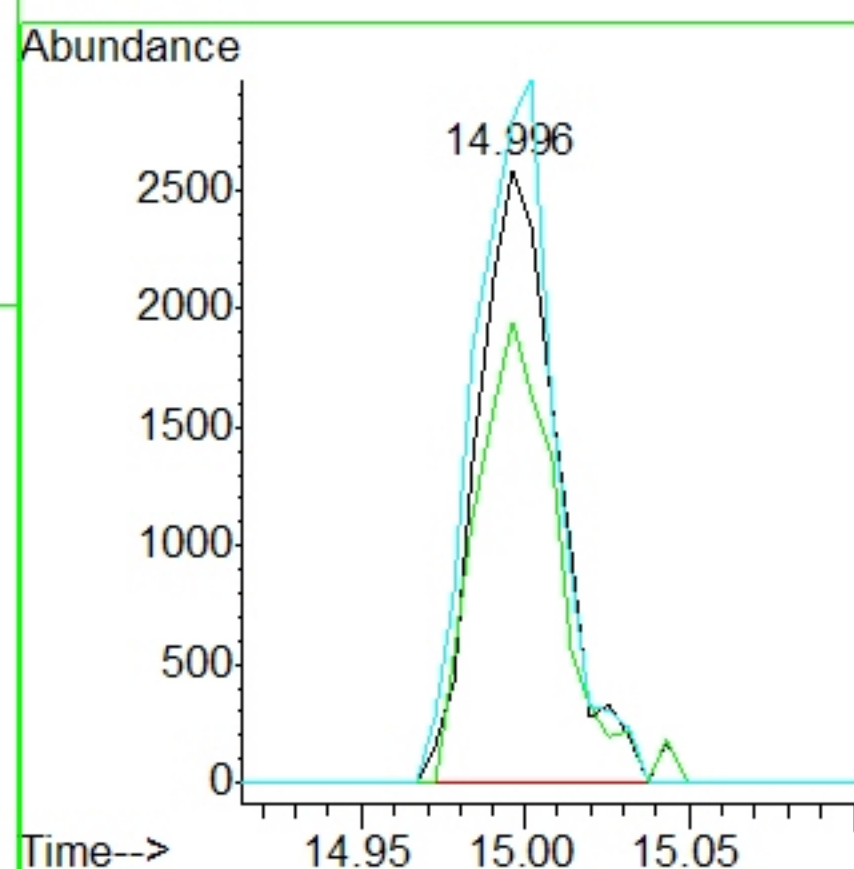
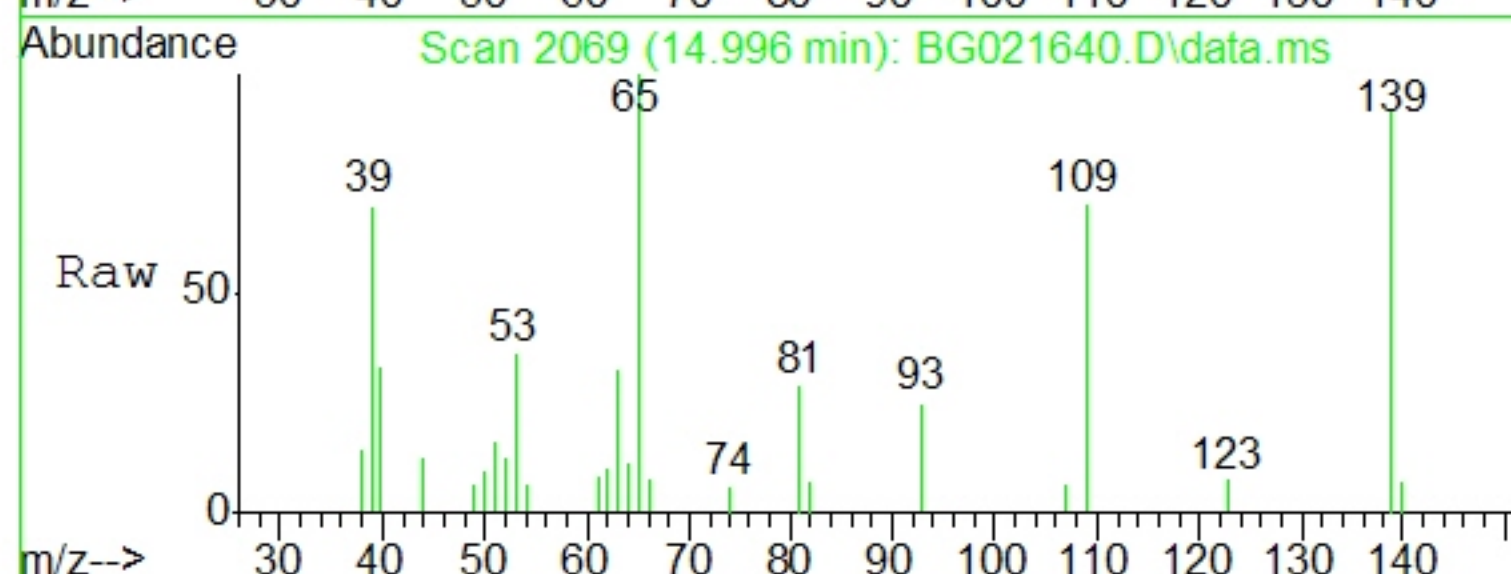






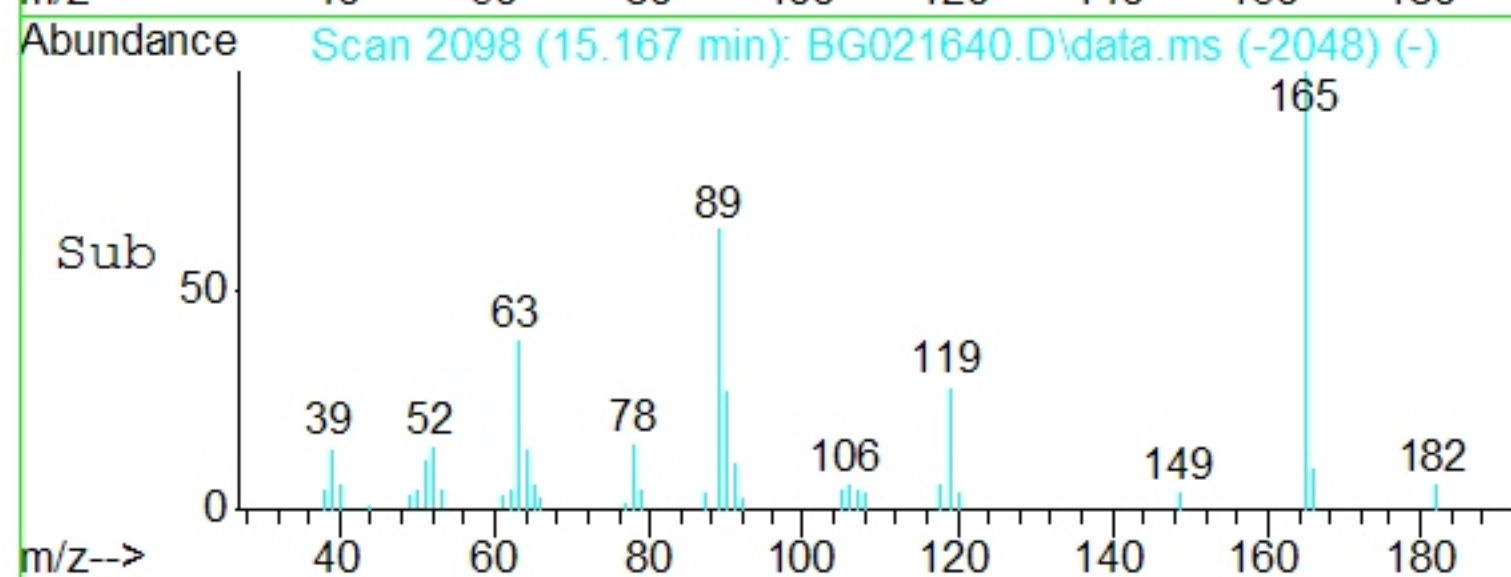
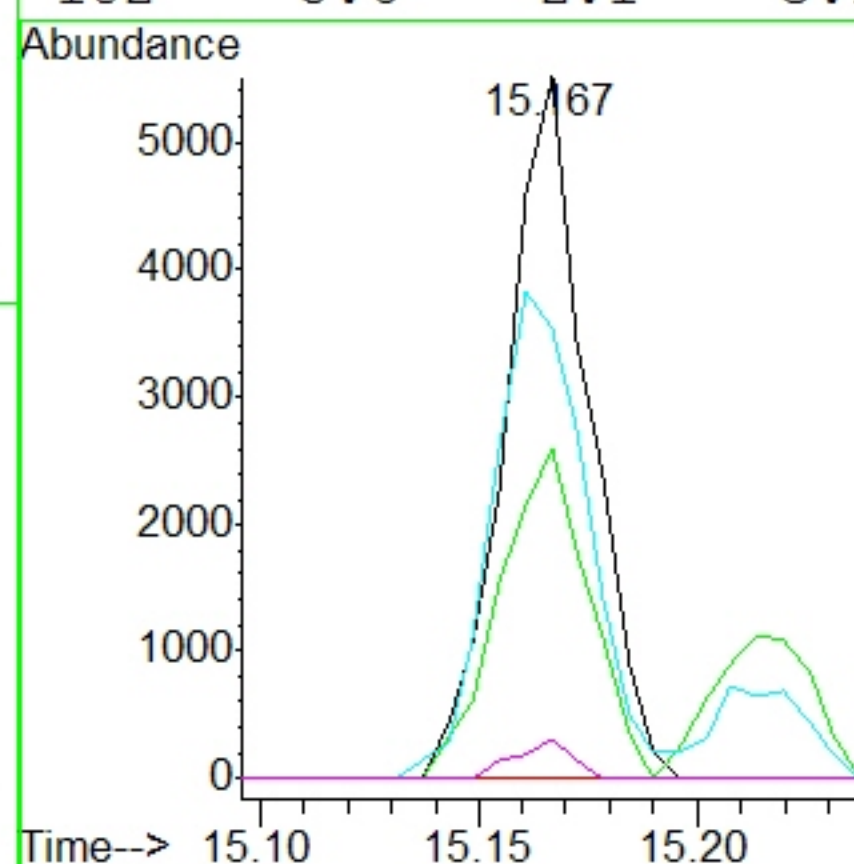
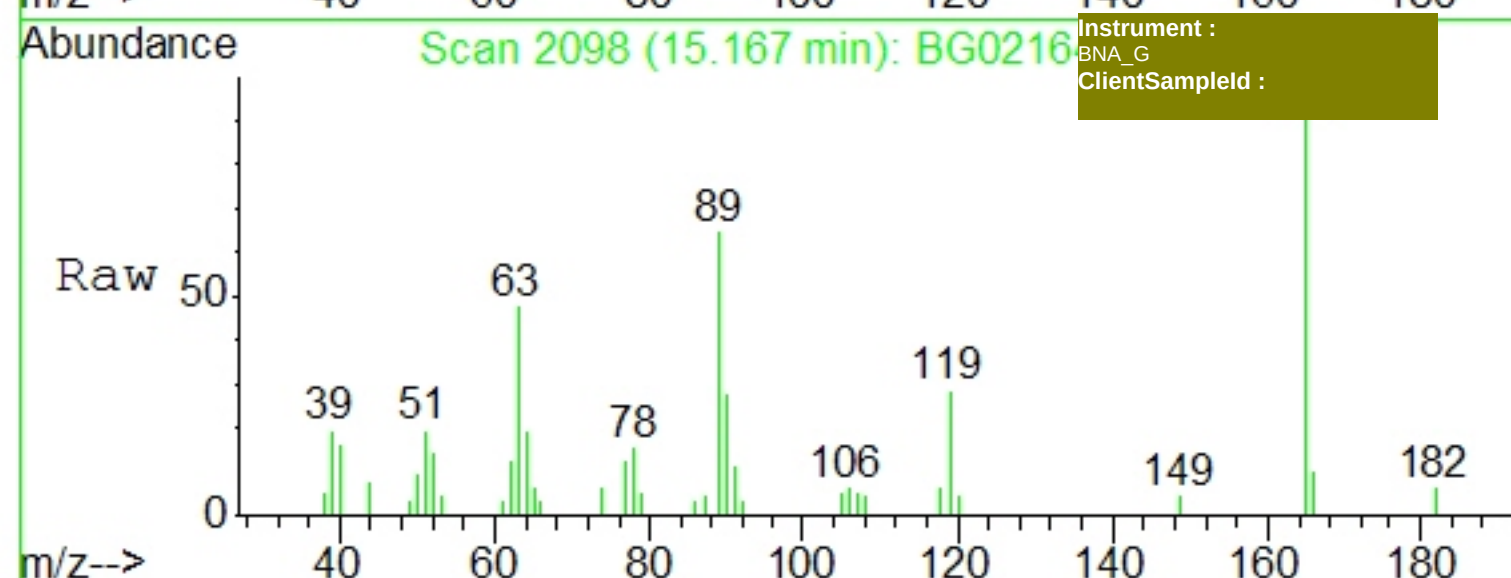
#55  
4-Nitrophenol  
Concen: 3.30 ng  
RT: 14.996 min Scan# 2069  
Delta R.T. -0.011 min  
Lab File: BG021640.D  
Acq: 14 Apr 2016 4:58

Tgt Ion:139 Resp: 4424  
Ion Ratio Lower Upper  
139 100  
109 75.3 49.2 89.2  
65 108.2 83.2 123.2

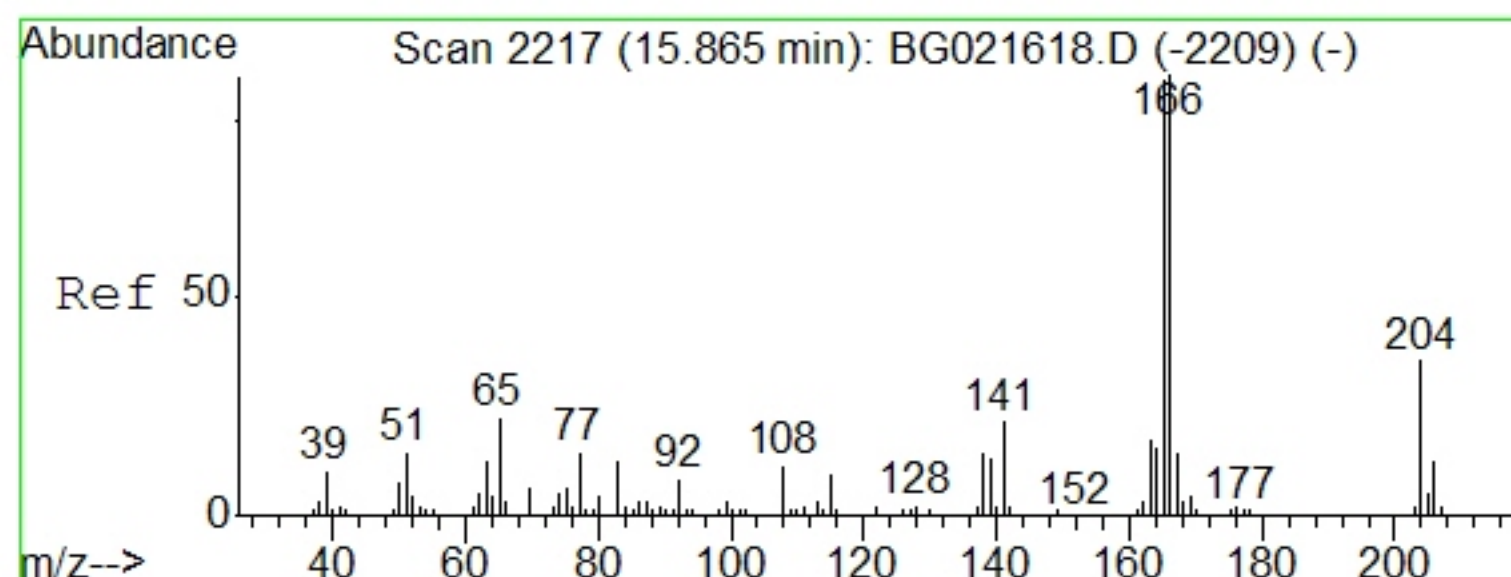


#56  
2,4-Dinitrotoluene  
Concen: 3.85 ng  
RT: 15.167 min Scan# 2098  
Delta R.T. -0.006 min  
Lab File: BG021640.D  
Acq: 14 Apr 2016 4:58

Tgt Ion:165 Resp: 7340  
Ion Ratio Lower Upper  
165 100  
63 46.8 37.4 56.0  
89 63.9 59.4 89.0  
182 5.6 2.1 3.1#

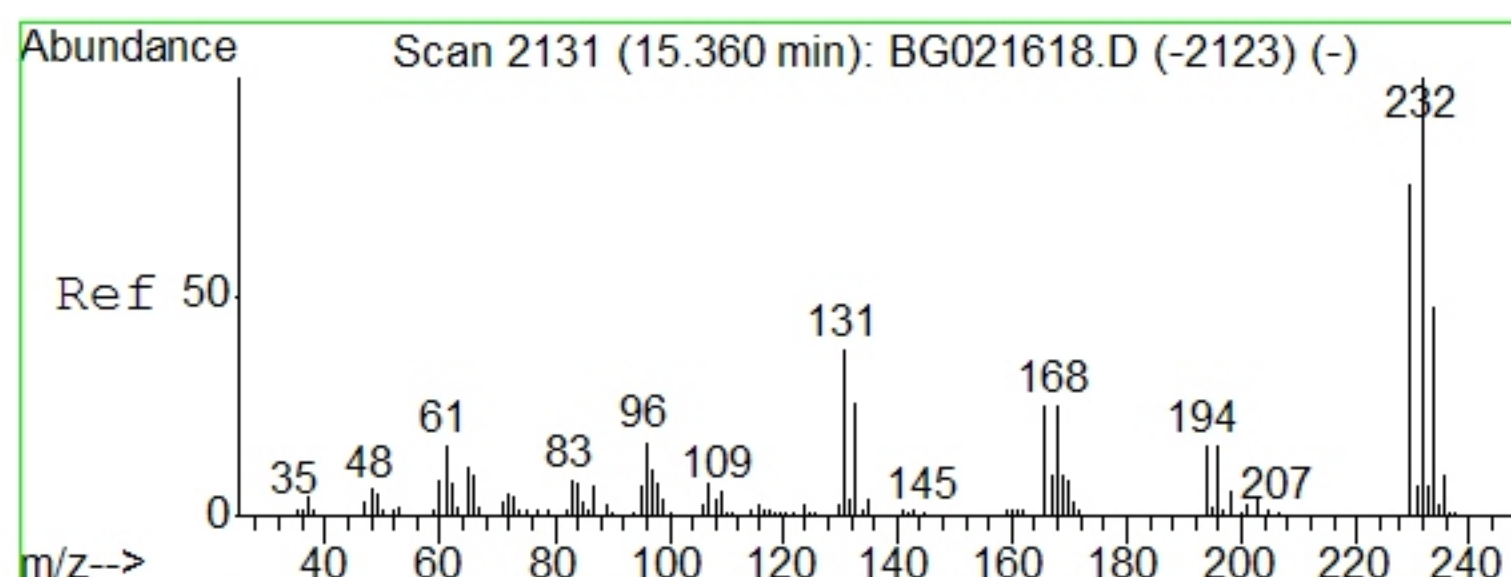
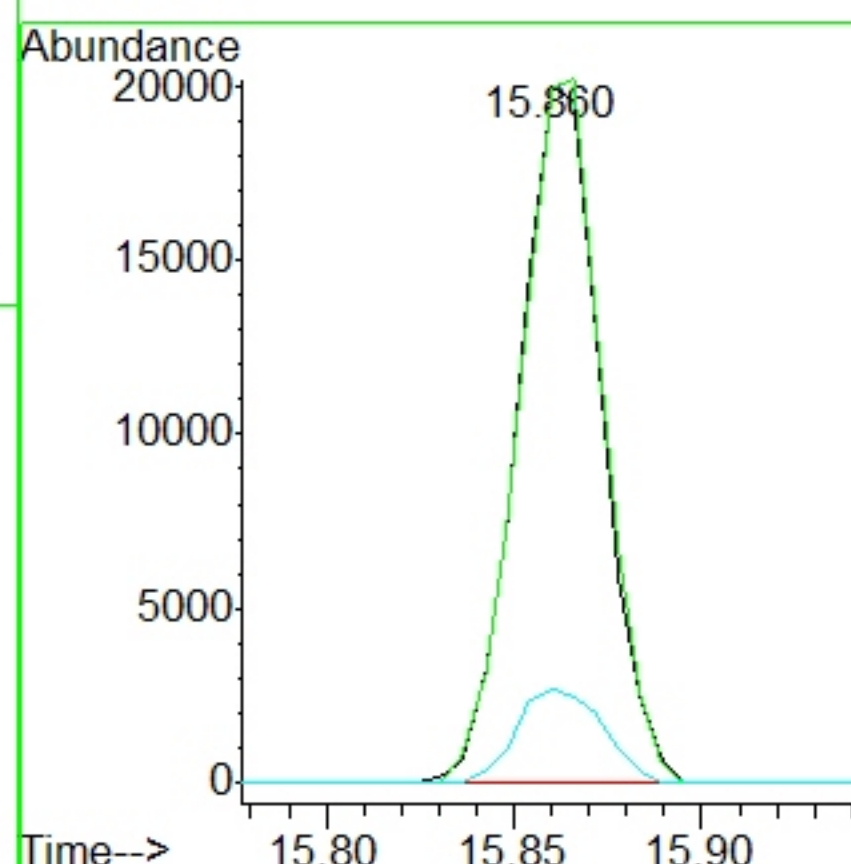
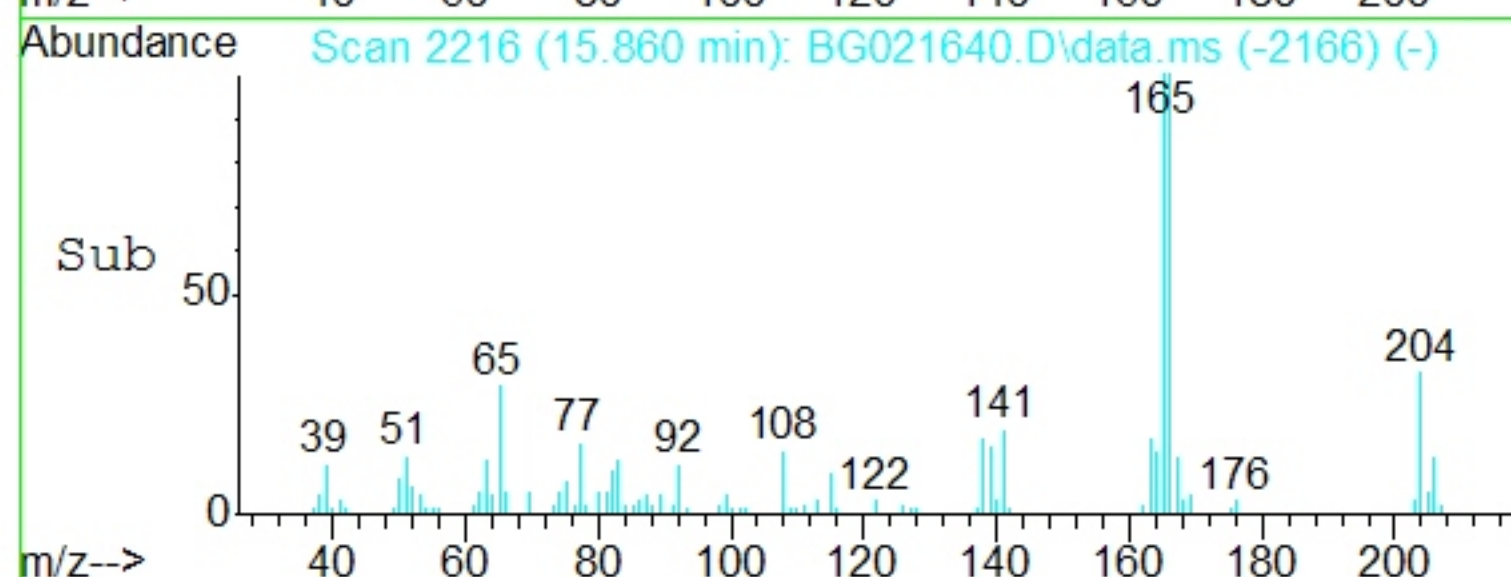
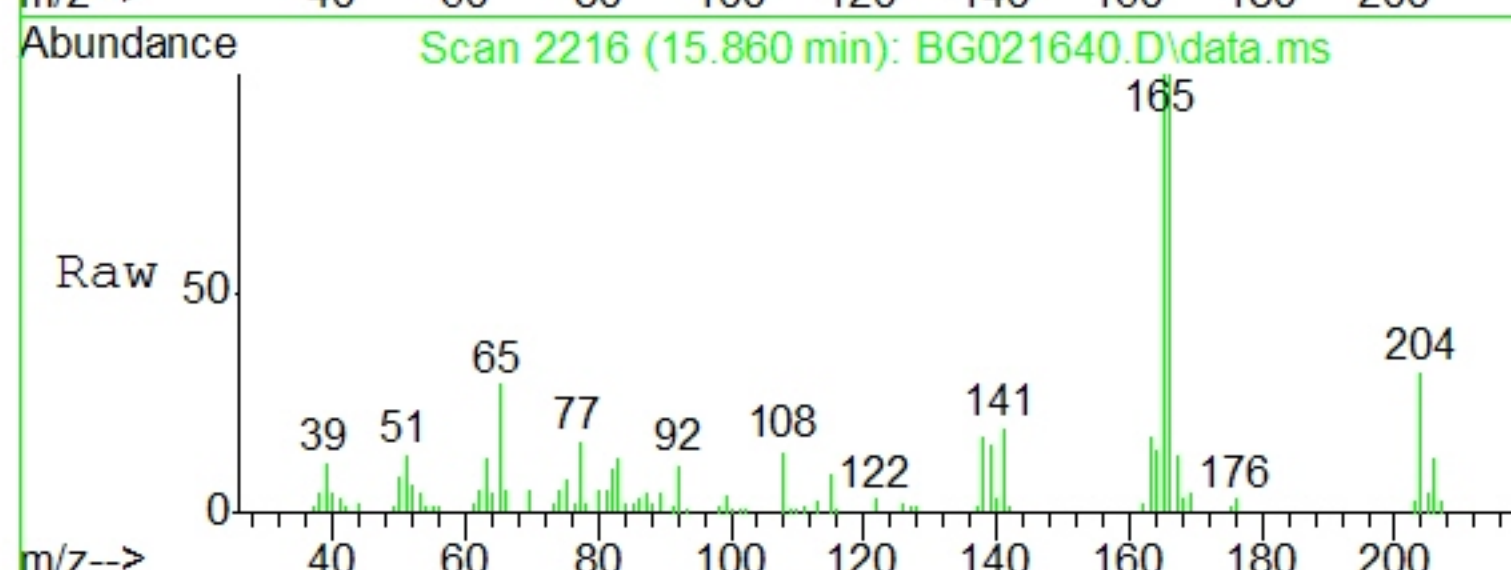






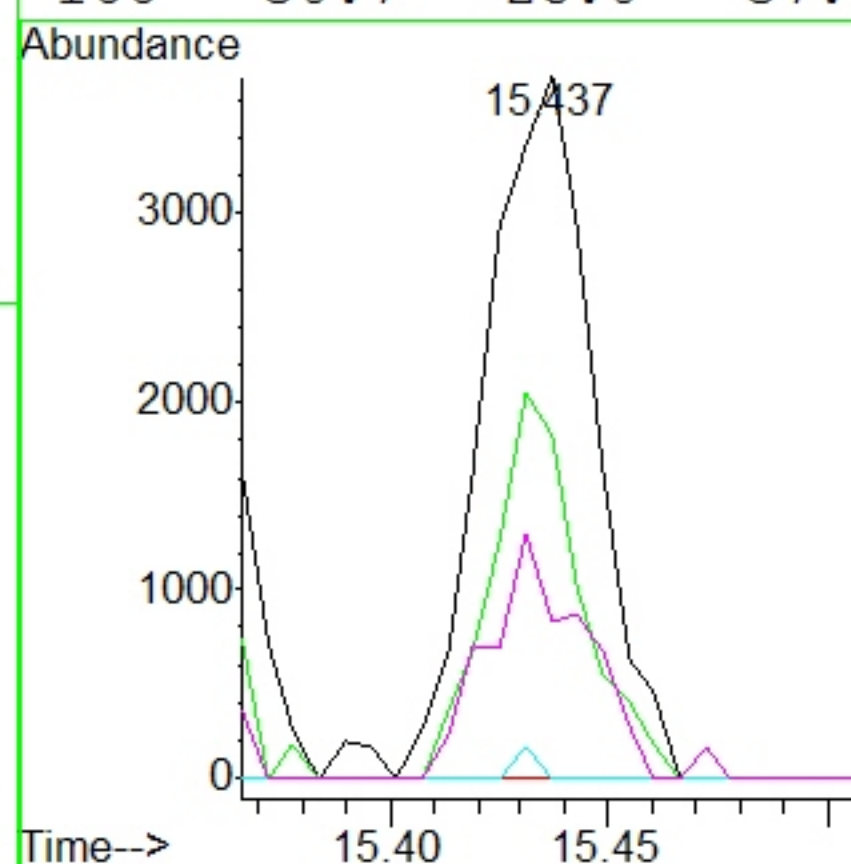
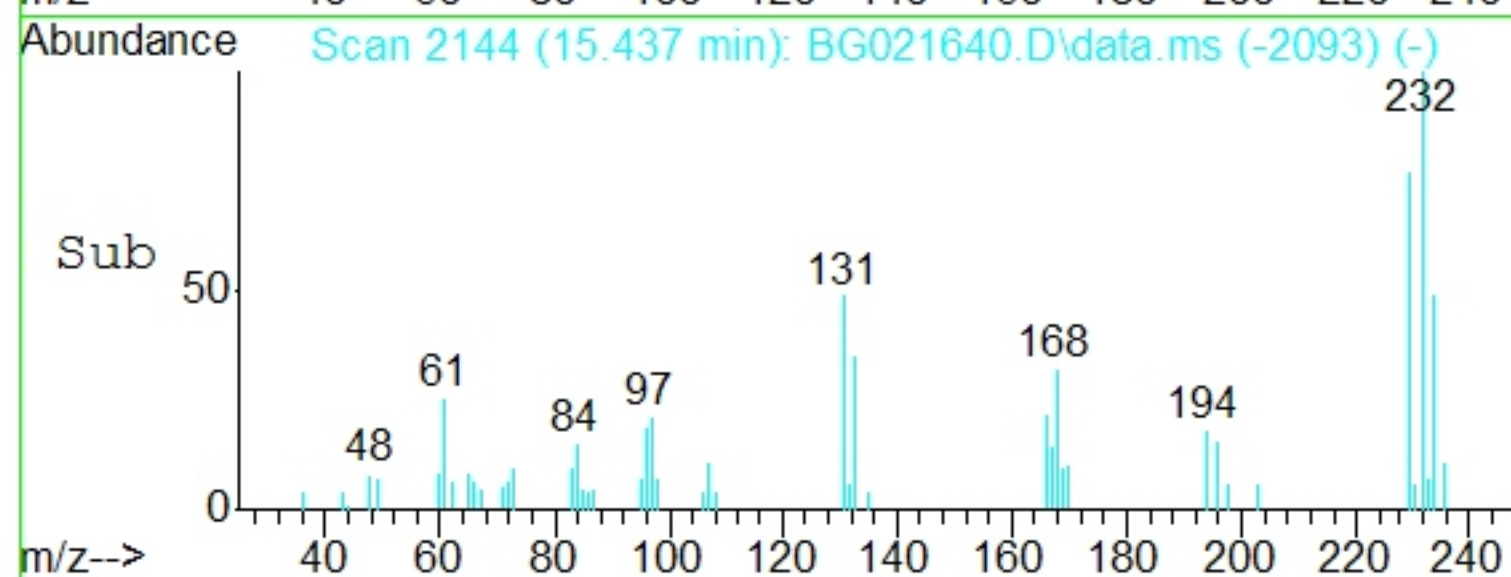
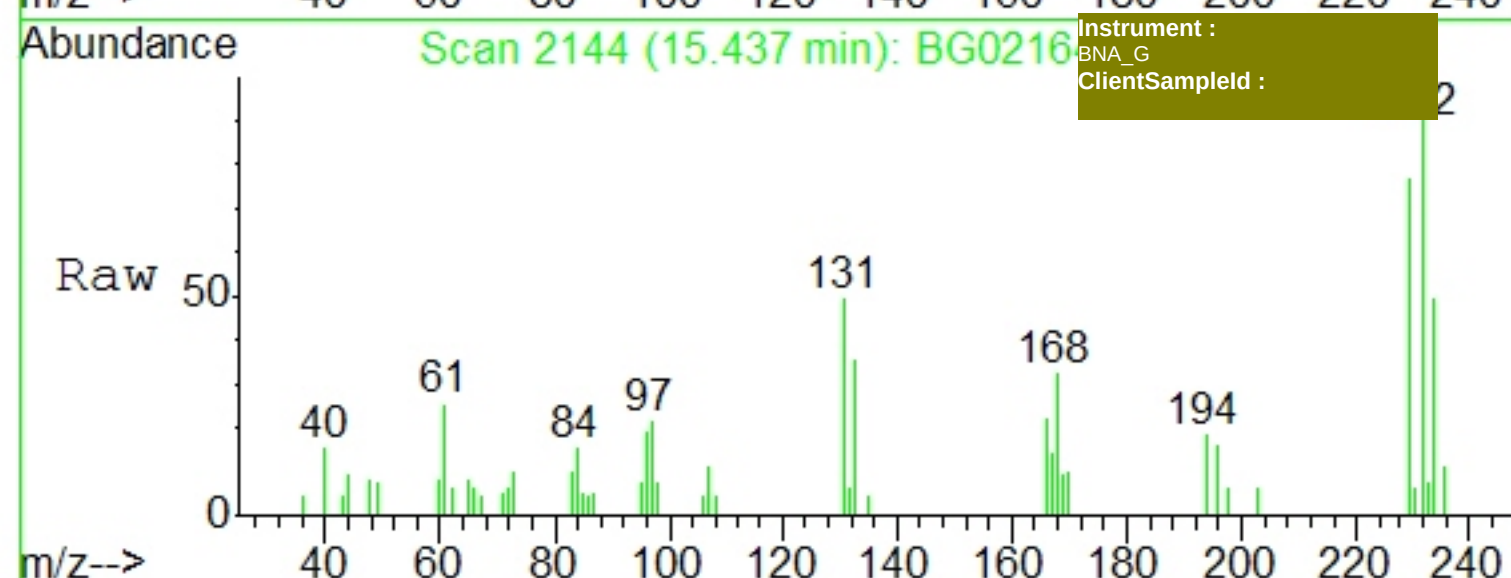
#57  
Fluorene  
Concen: 4.49 ng  
RT: 15.860 min Scan# 2216  
Delta R.T. -0.006 min  
Lab File: BG021640.D  
Acq: 14 Apr 2016 4:58

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 166     | 100   |       |       |
| 165     | 100.3 | 79.0  | 118.4 |
| 167     | 13.4  | 10.7  | 16.1  |

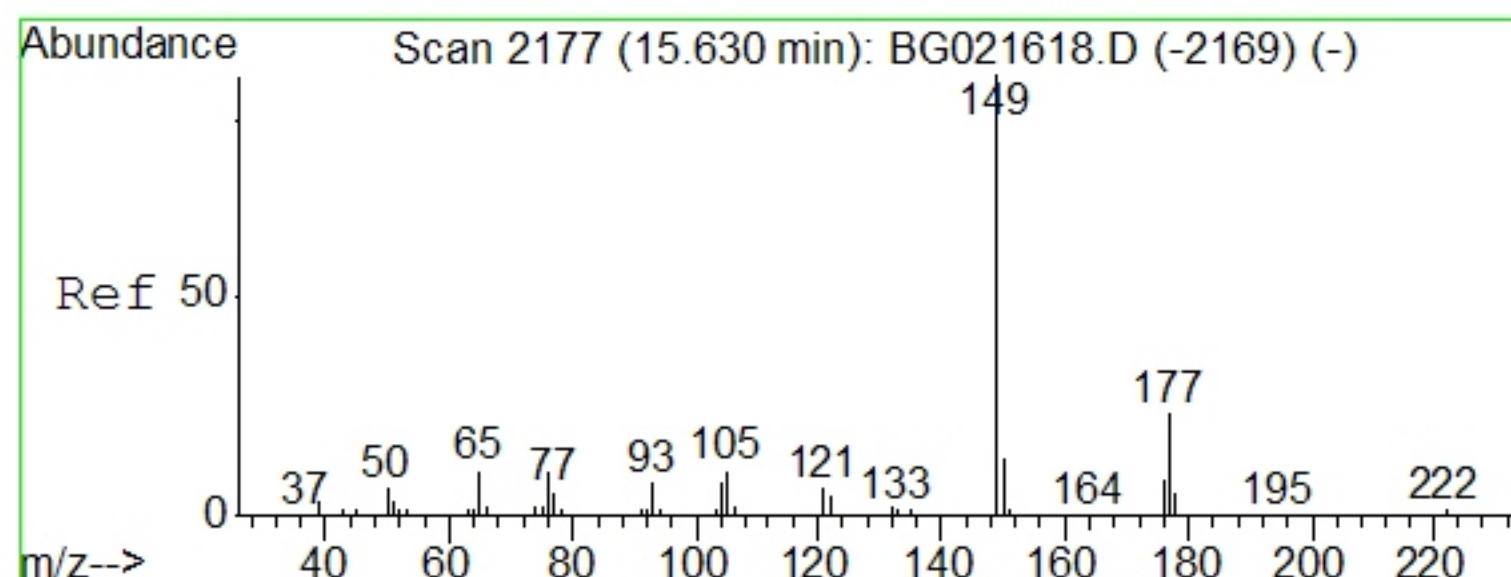


#58  
2,3,4,6-Tetrachlorophenol  
Concen: 4.21 ng  
RT: 15.437 min Scan# 2144  
Delta R.T. 0.000 min  
Lab File: BG021640.D  
Acq: 14 Apr 2016 4:58

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 232     | 100   |       |       |
| 131     | 45.8  | 36.3  | 54.5  |
| 130     | 0.9   | 1.9   | 2.9   |
| 166     | 30.7  | 25.0  | 37.4  |

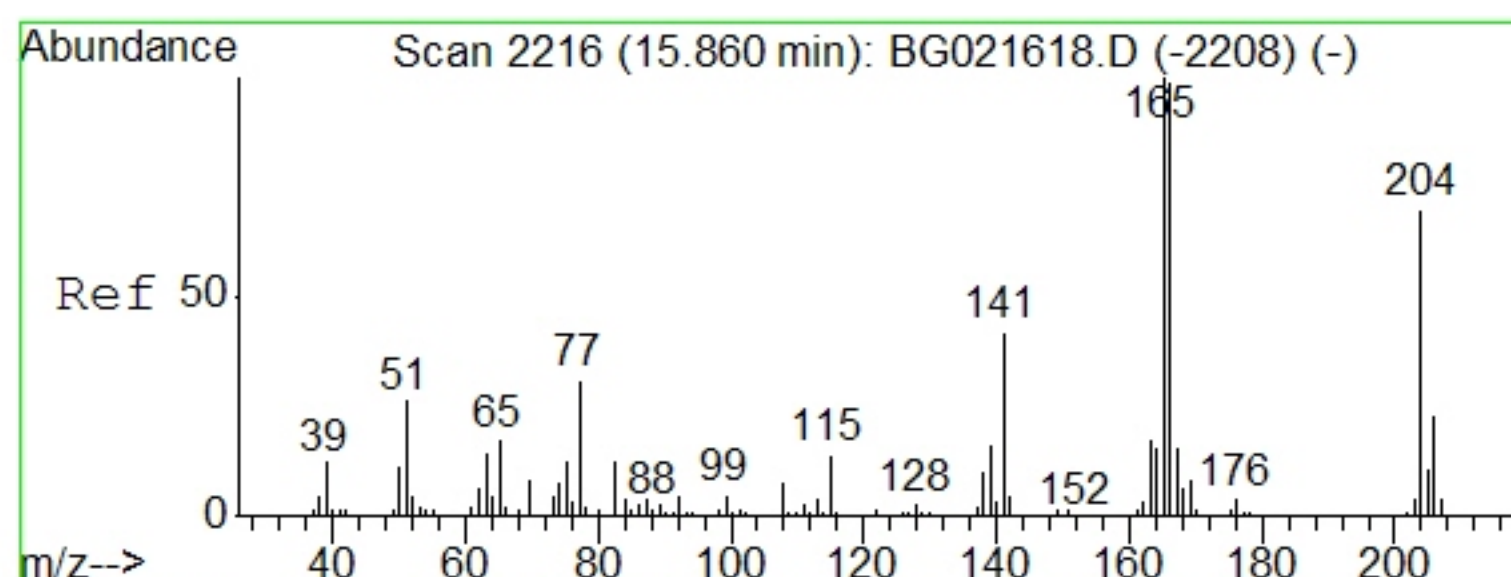
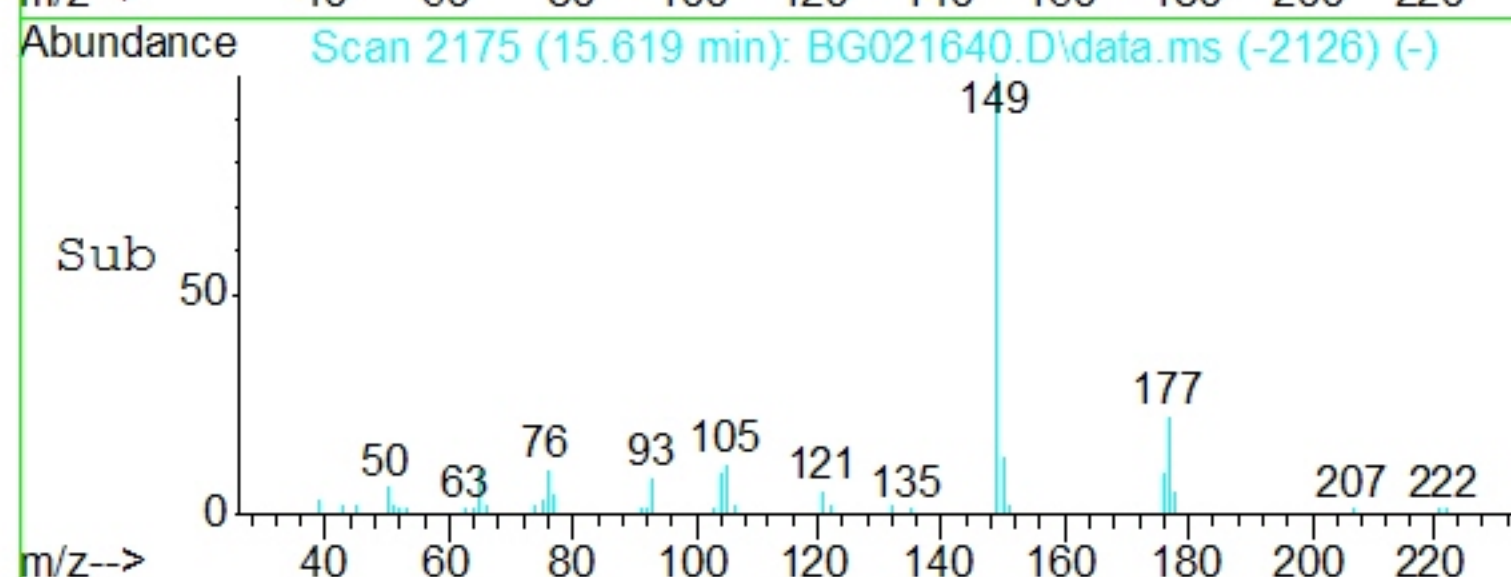
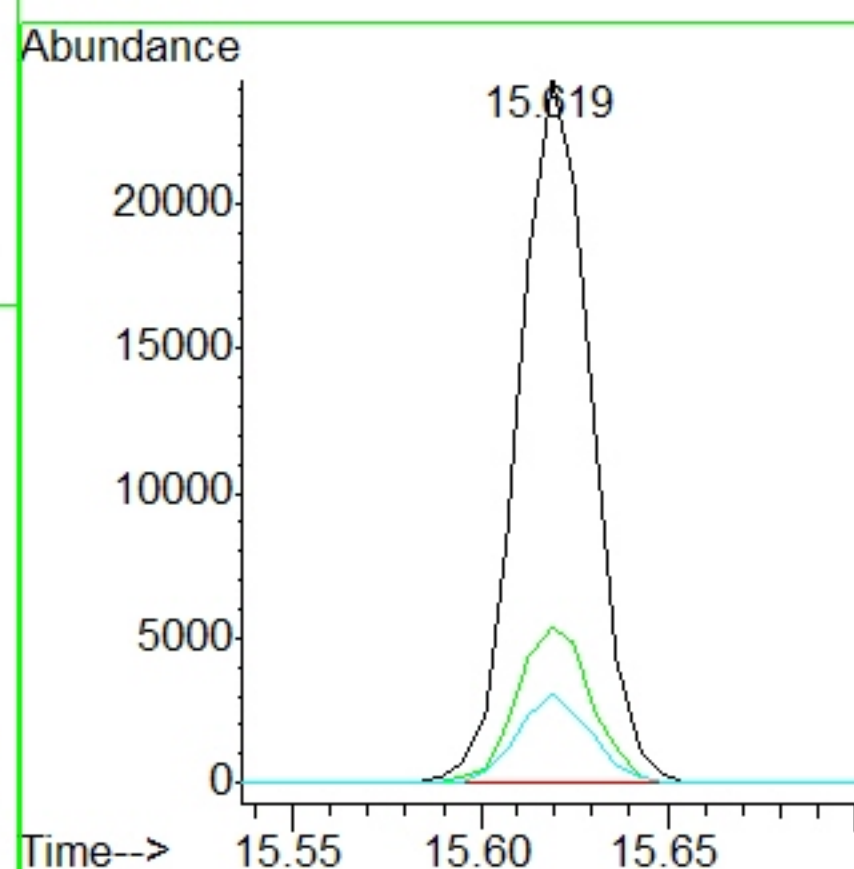
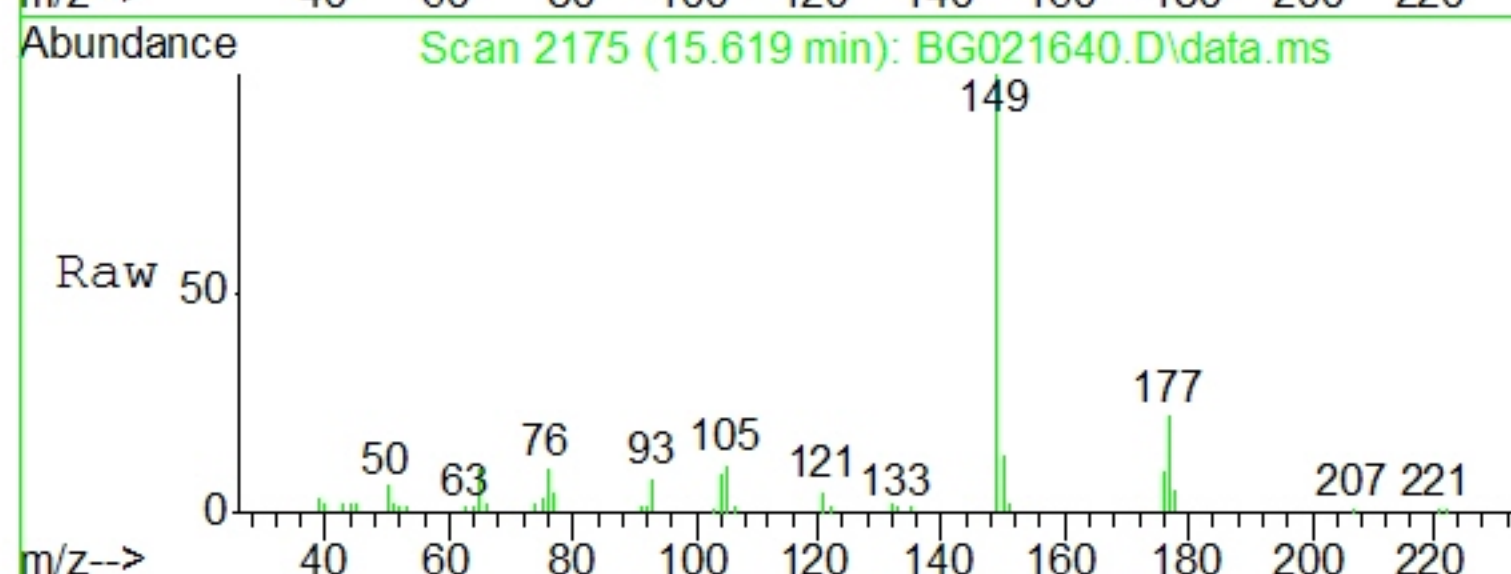






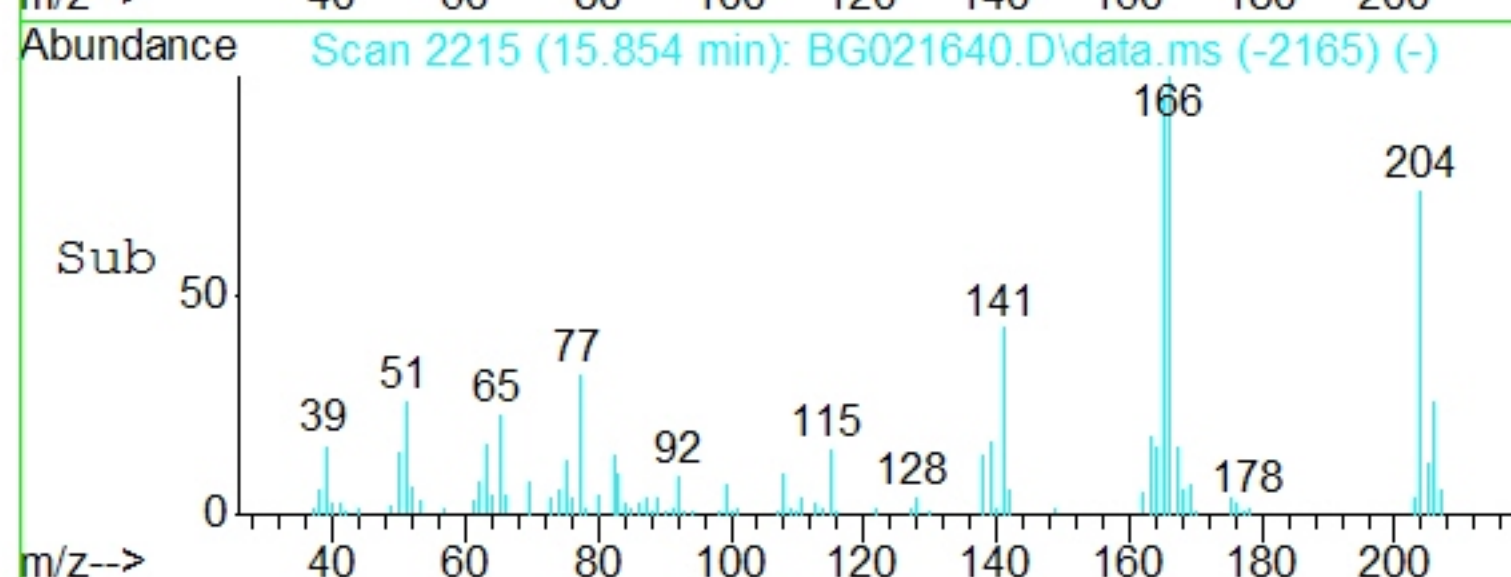
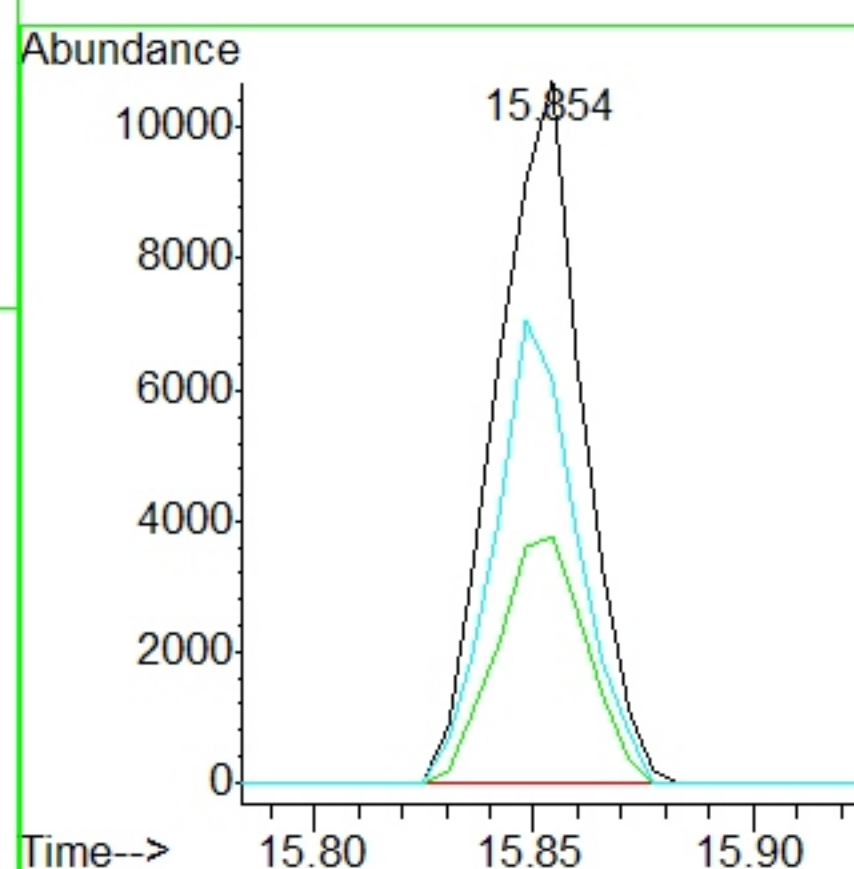
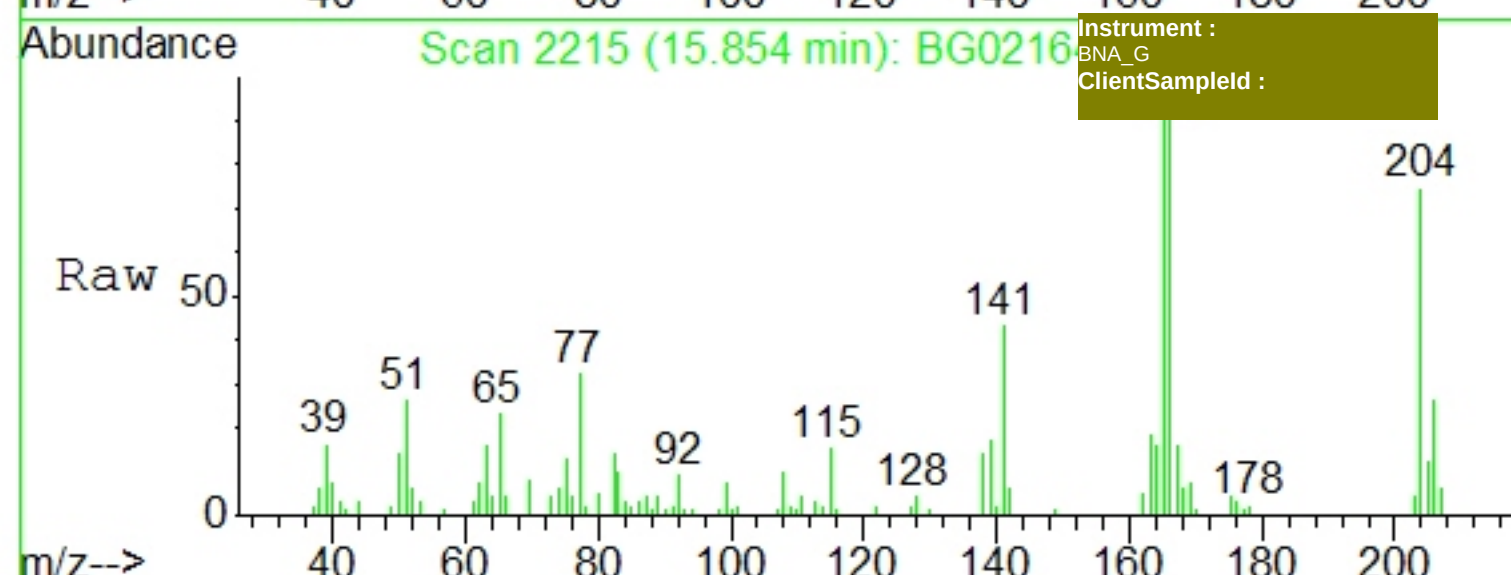
#59  
Diethylphthalate  
Concen: 4.23 ng  
RT: 15.619 min Scan# 2175  
Delta R.T. -0.011 min  
Lab File: BG021640.D  
Acq: 14 Apr 2016 4:58

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 149     | 100   |       |       |
| 177     | 22.0  | 17.3  | 25.9  |
| 150     | 12.5  | 9.7   | 14.5  |

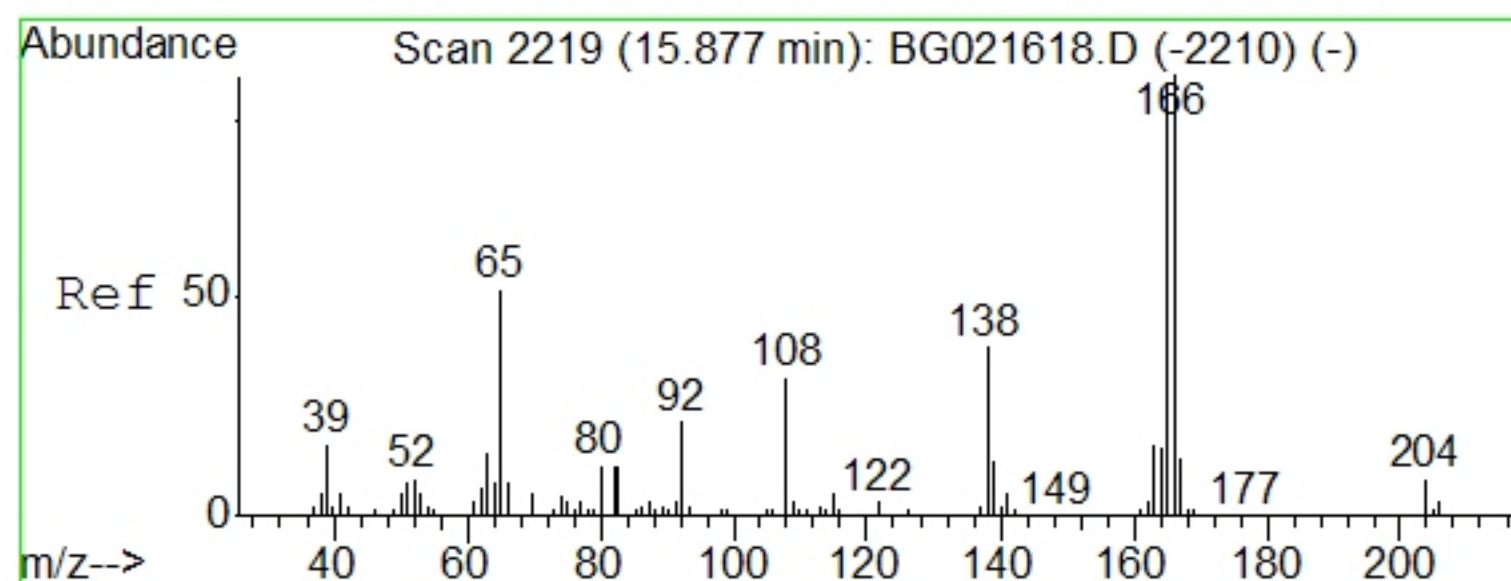


#60  
4-Chlorophenyl-phenylether  
Concen: 4.32 ng  
RT: 15.854 min Scan# 2215  
Delta R.T. -0.006 min  
Lab File: BG021640.D  
Acq: 14 Apr 2016 4:58

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 204     | 100   |       |       |
| 206     | 35.1  | 27.8  | 41.8  |
| 141     | 57.6  | 51.0  | 76.4  |

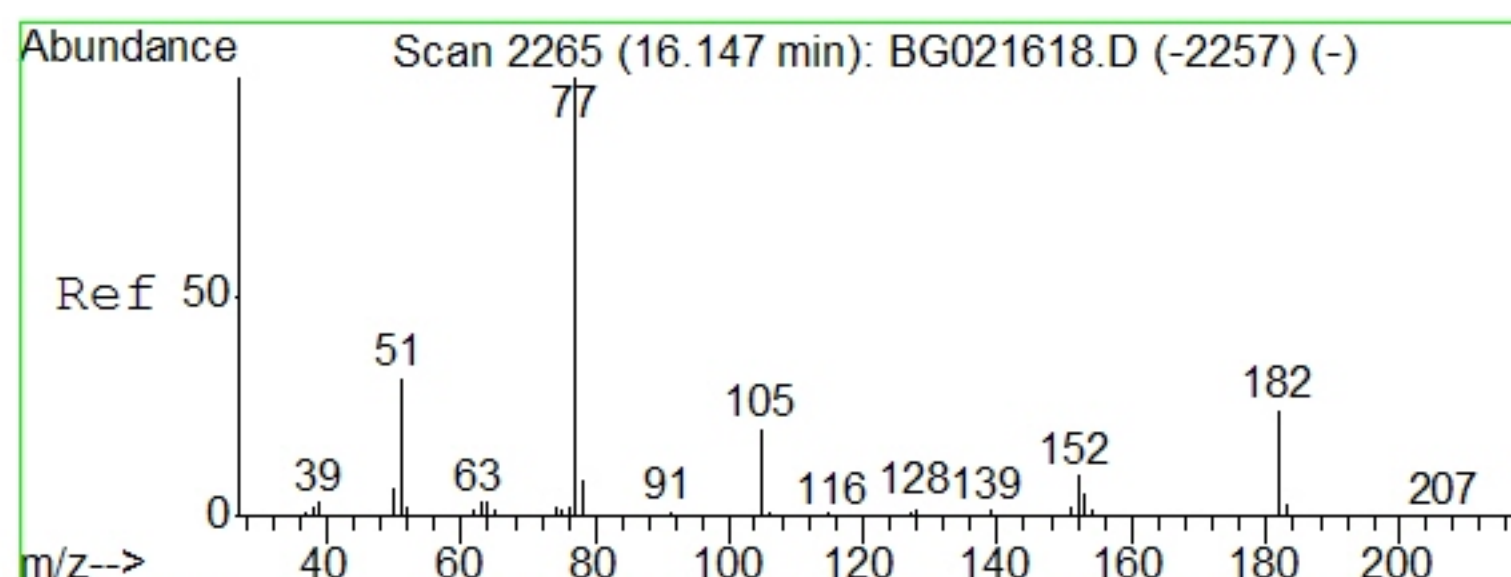
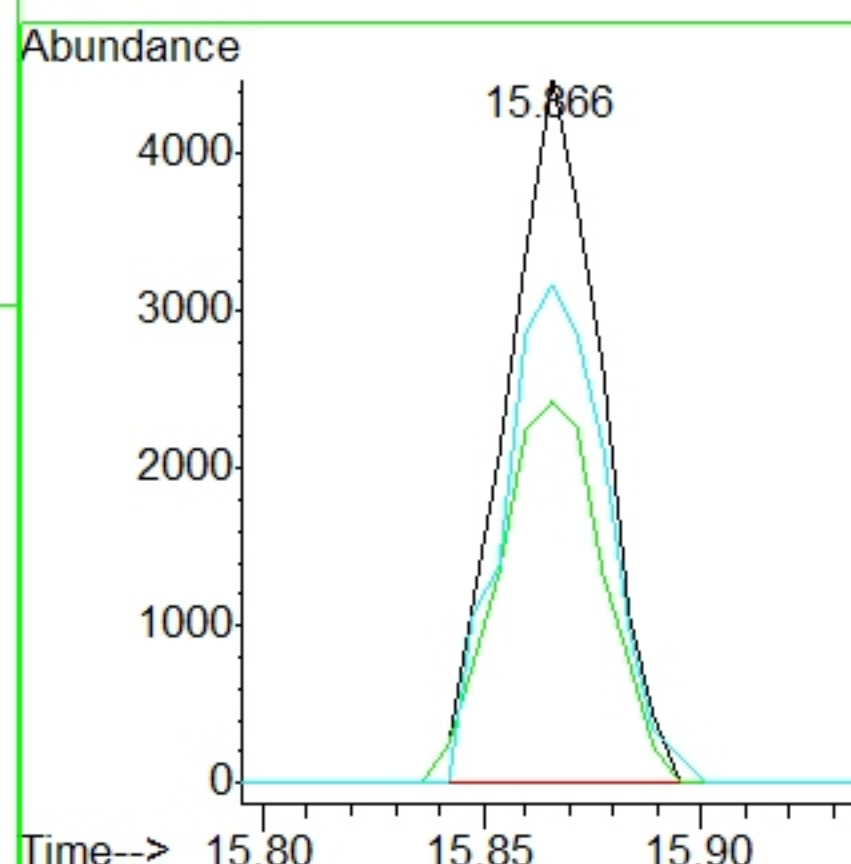
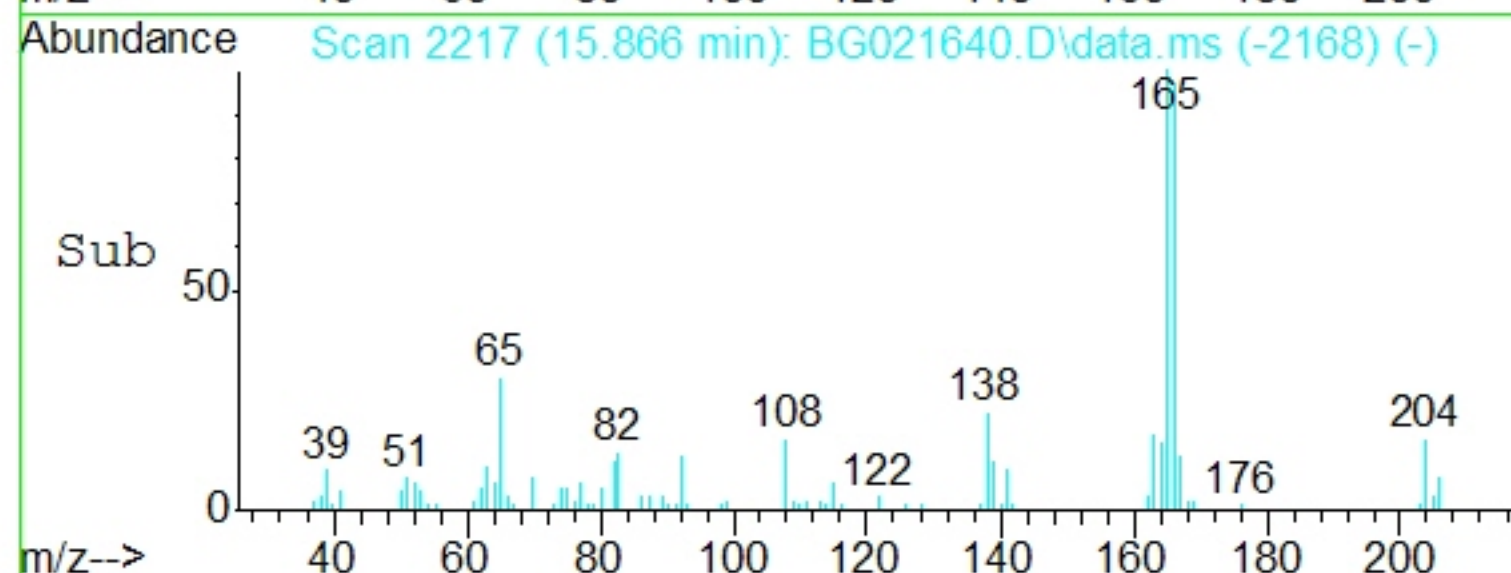
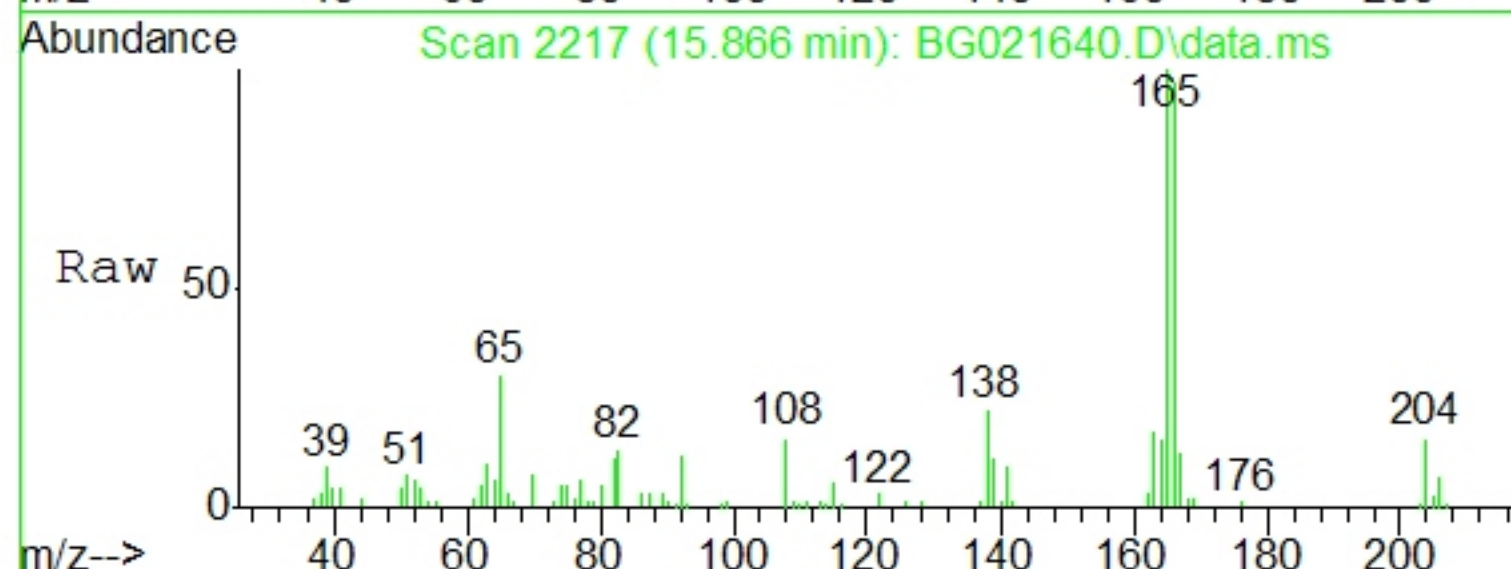






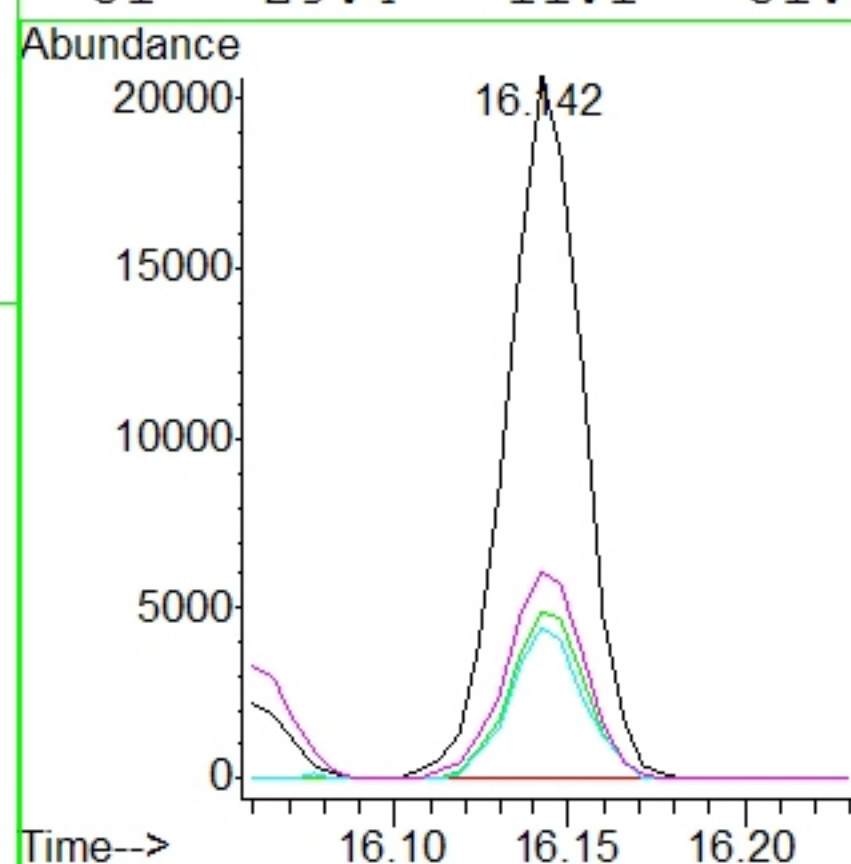
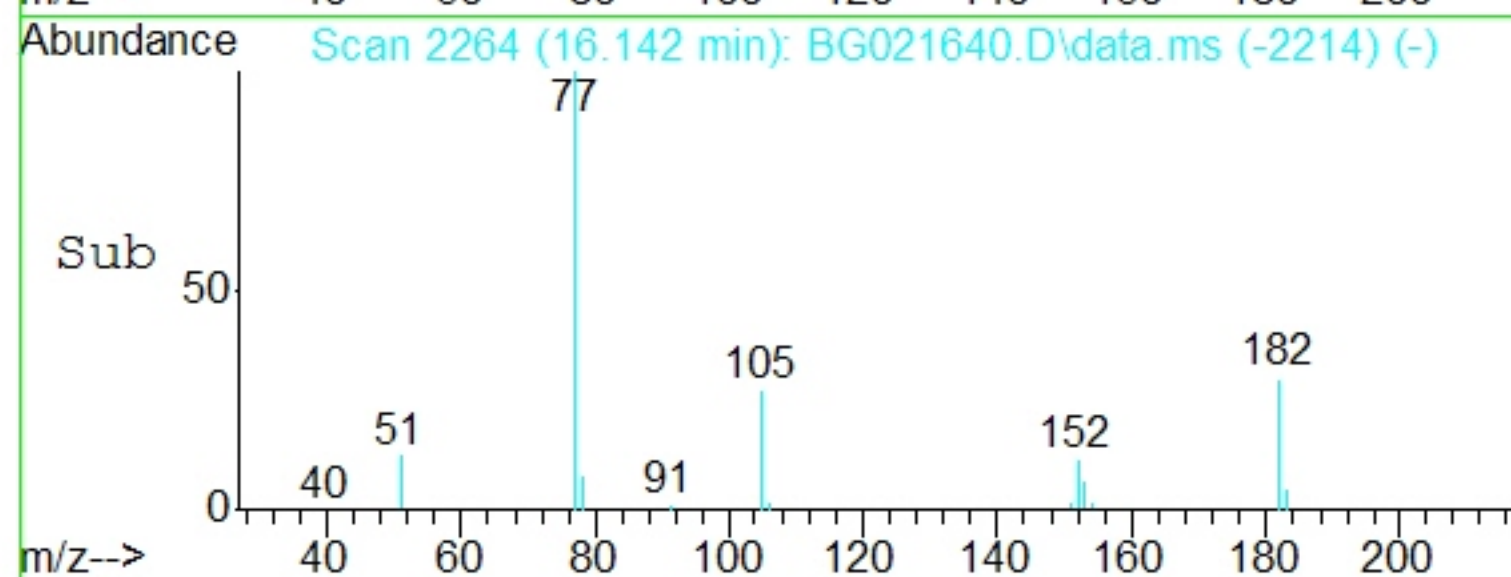
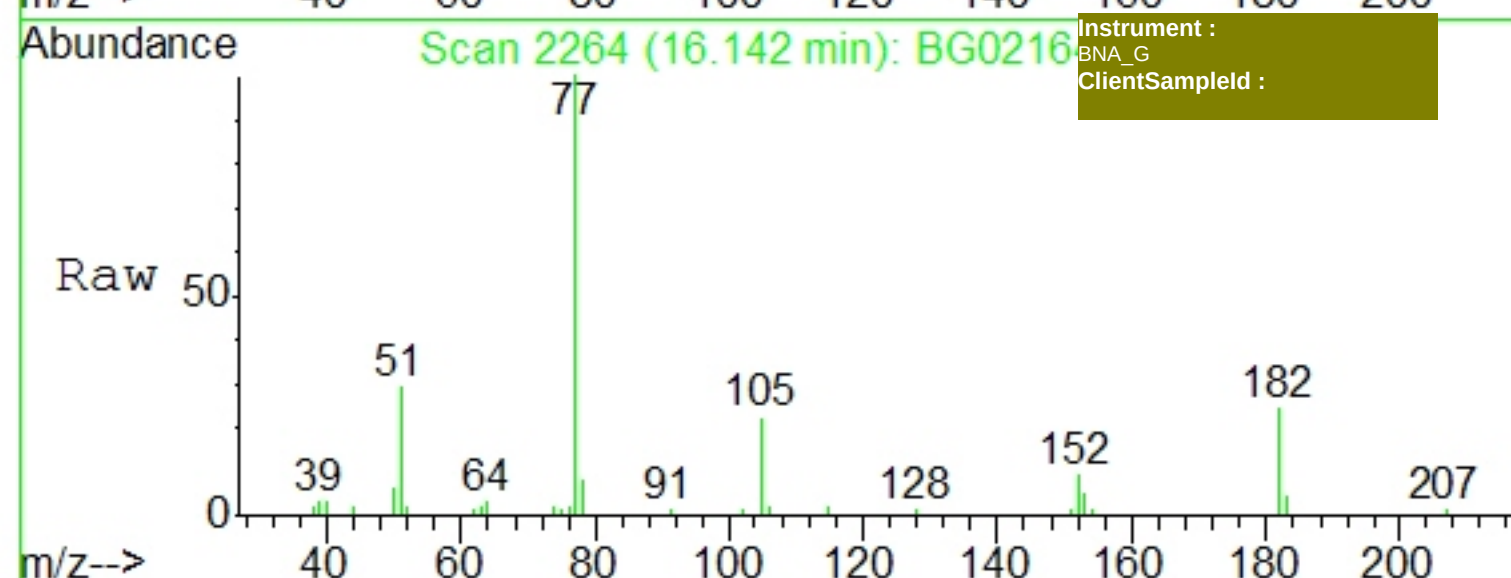
#61  
4-Nitroaniline  
Concen: 3.92 ng  
RT: 15.866 min Scan# 2217  
Delta R.T. -0.011 min  
Lab File: BG021640.D  
Acq: 14 Apr 2016 4:58

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 138     | 100   |       |       |
| 92      | 54.1  | 37.7  | 77.7  |
| 108     | 70.9  | 59.4  | 99.4  |

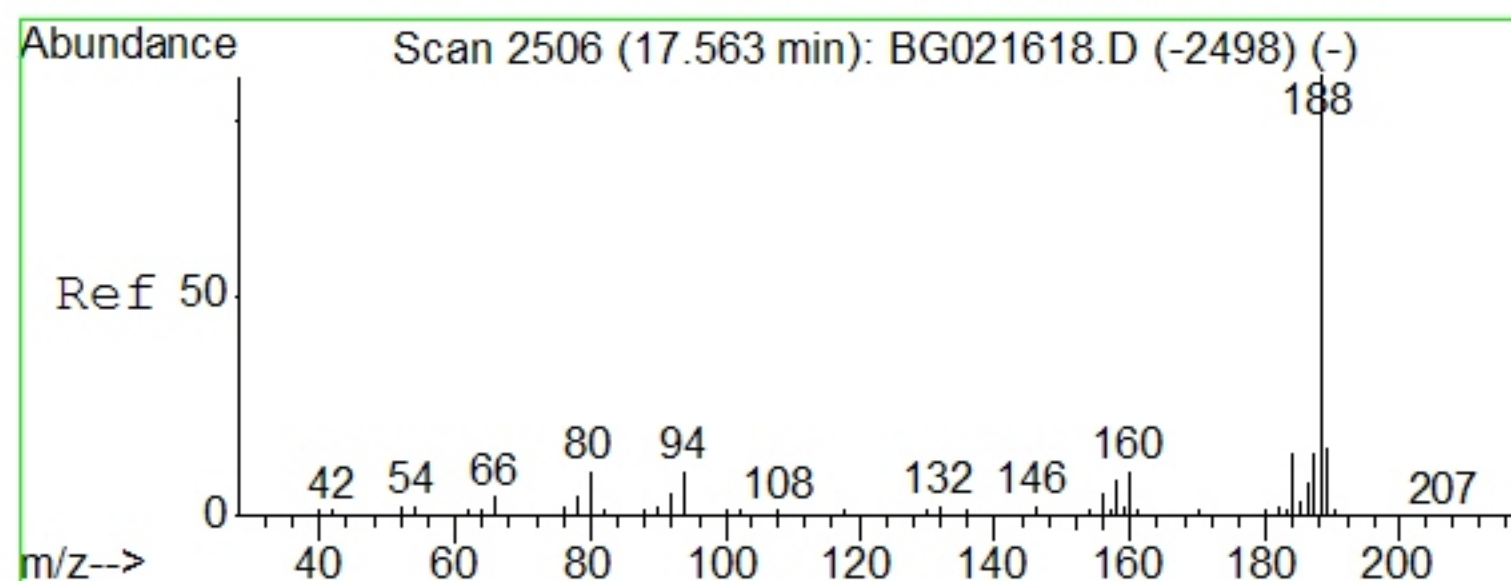


#62  
Azobenzene  
Concen: 4.70 ng  
RT: 16.142 min Scan# 2264  
Delta R.T. -0.006 min  
Lab File: BG021640.D  
Acq: 14 Apr 2016 4:58

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 77      | 100   |       |       |
| 182     | 23.9  | 4.1   | 44.1  |
| 105     | 21.6  | 0.0   | 39.8  |
| 51      | 29.4  | 11.1  | 51.1  |

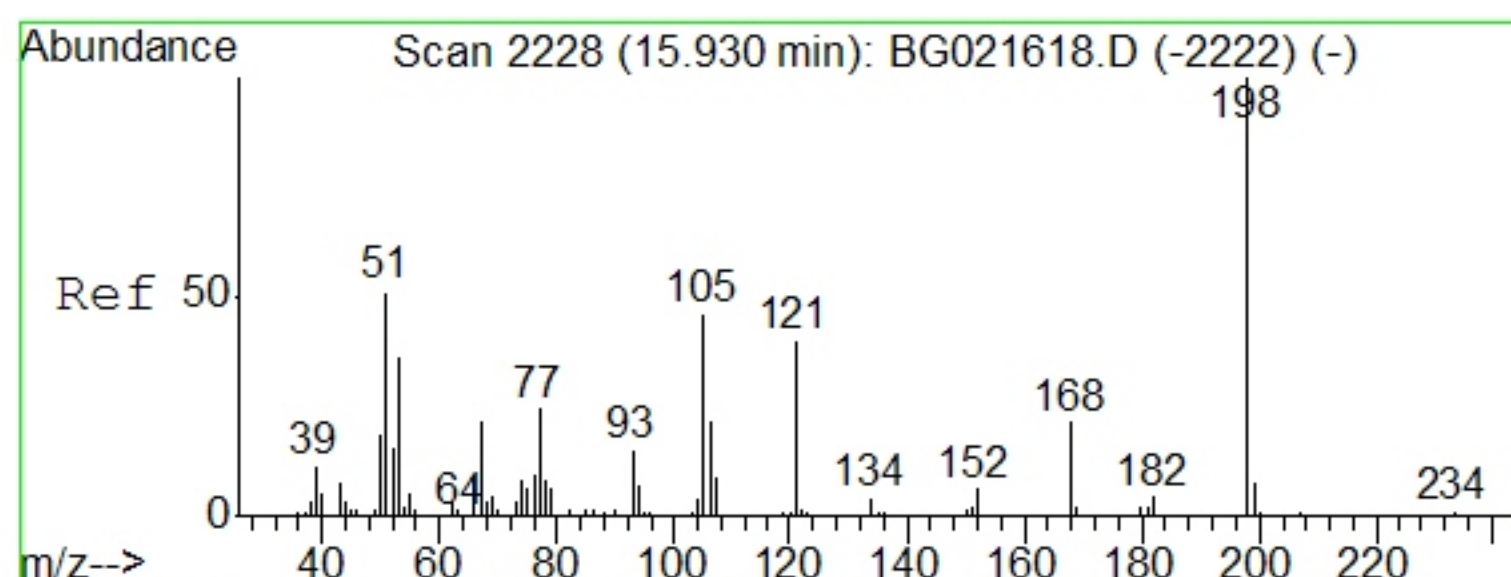
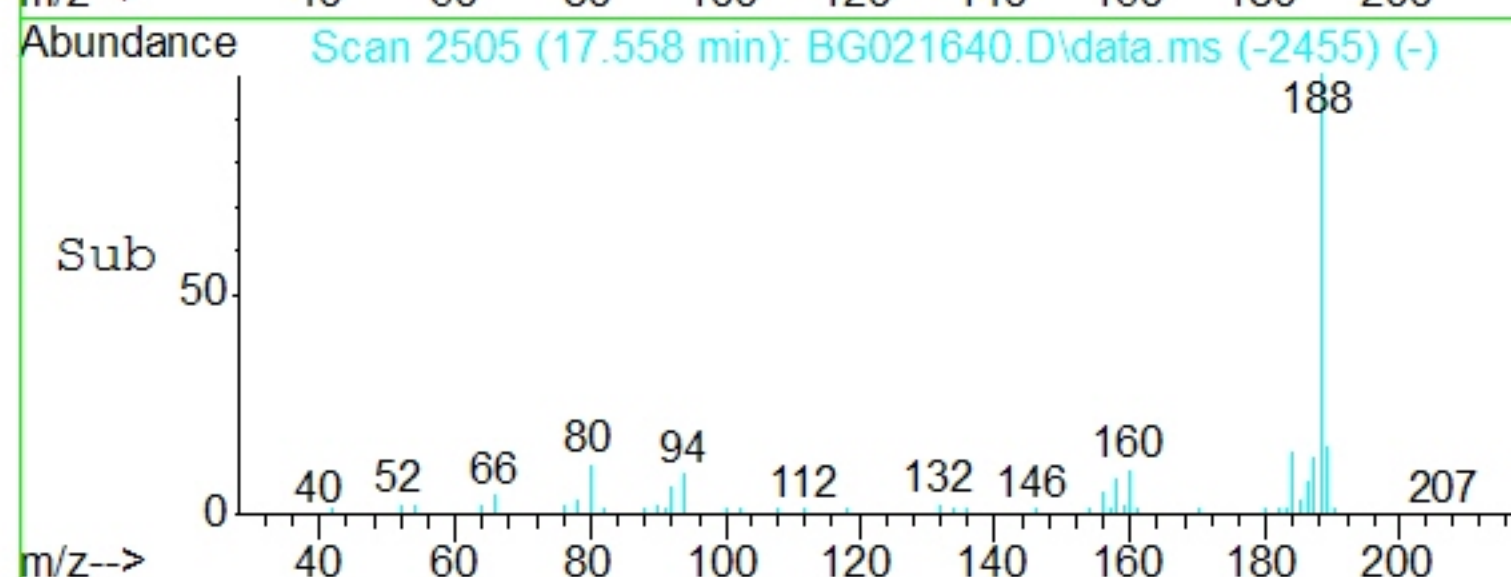
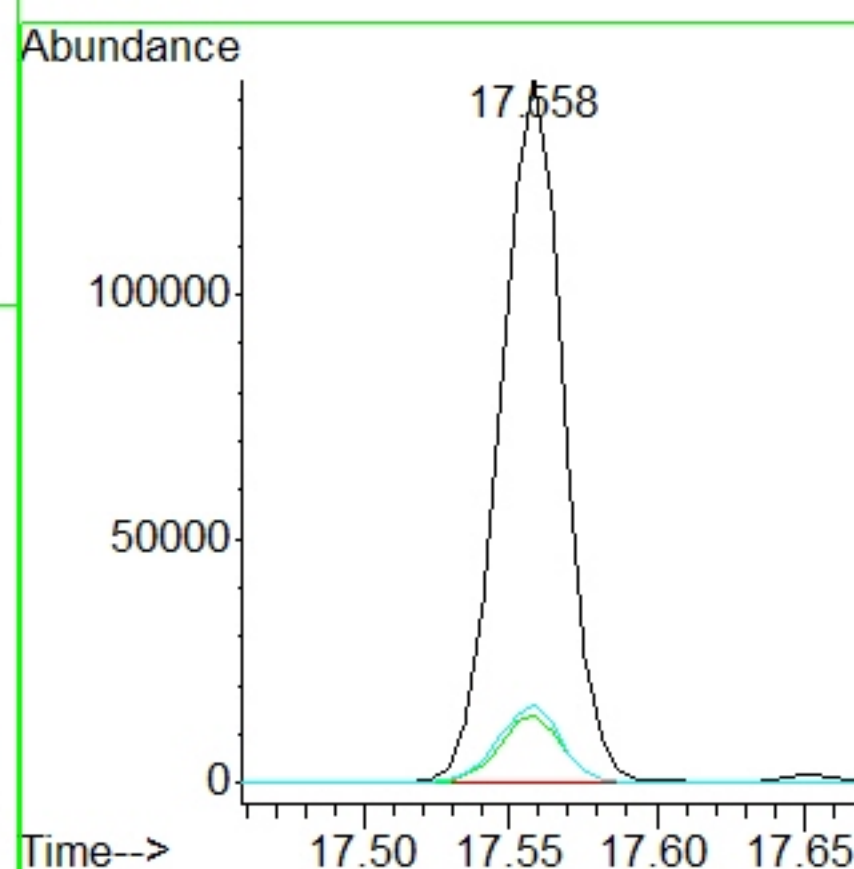
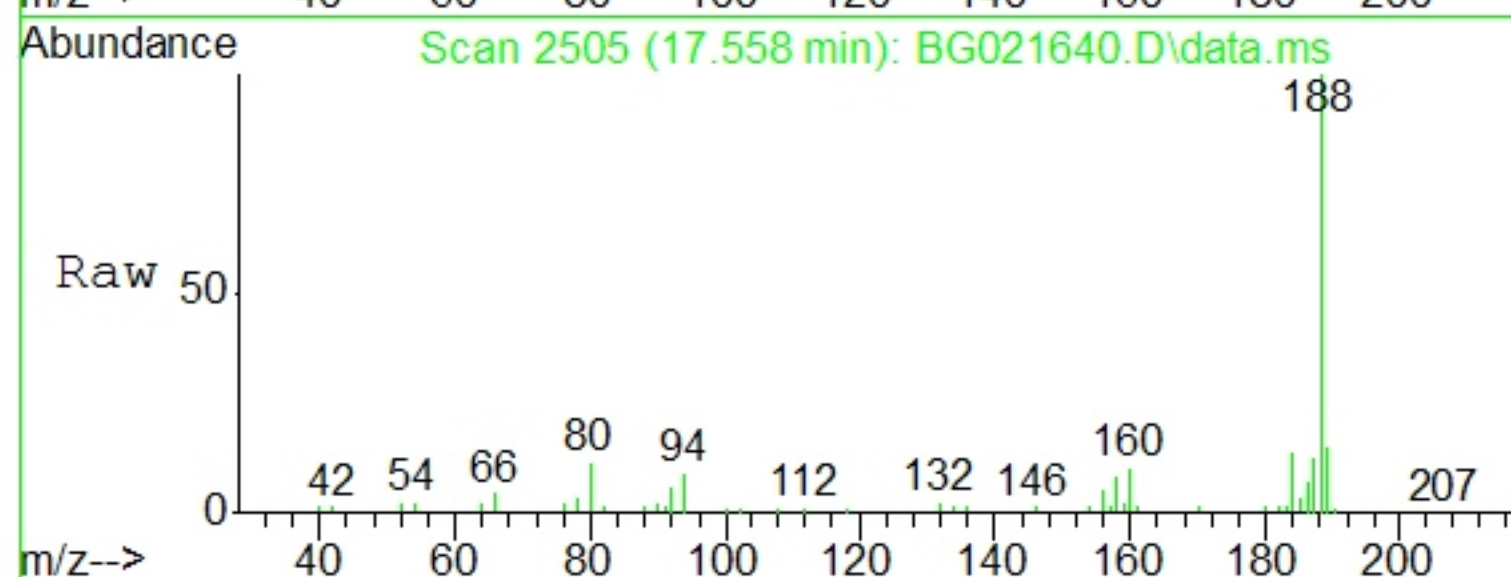






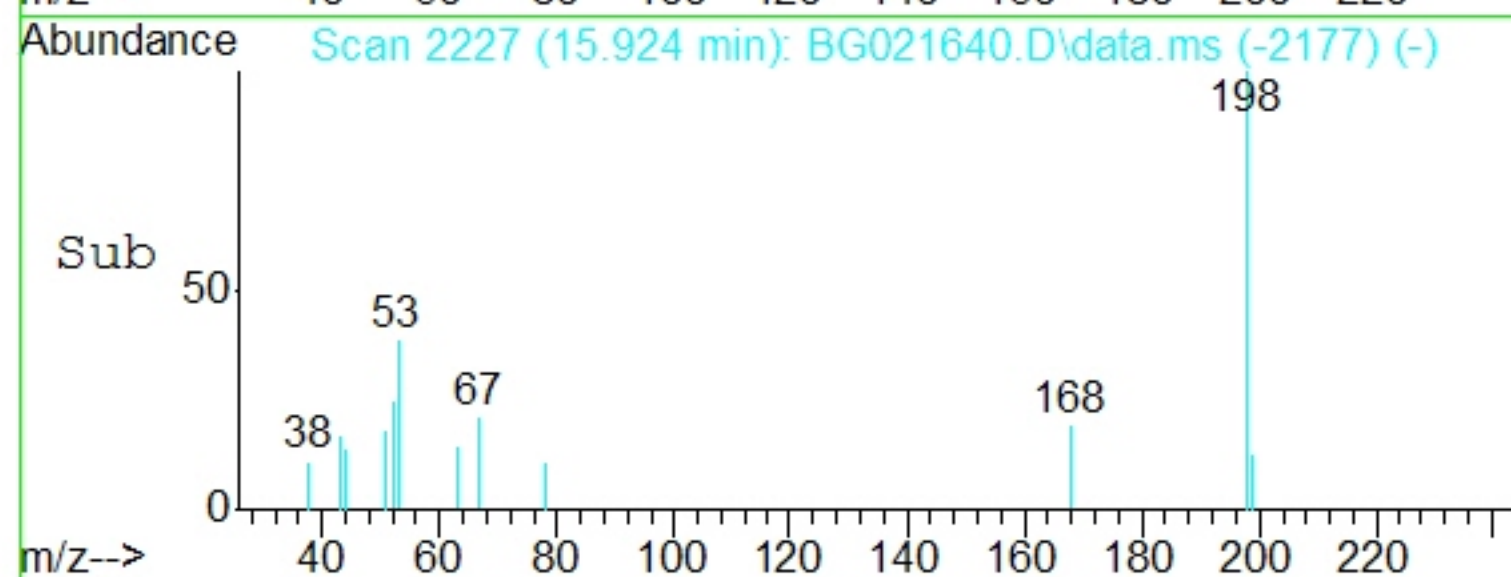
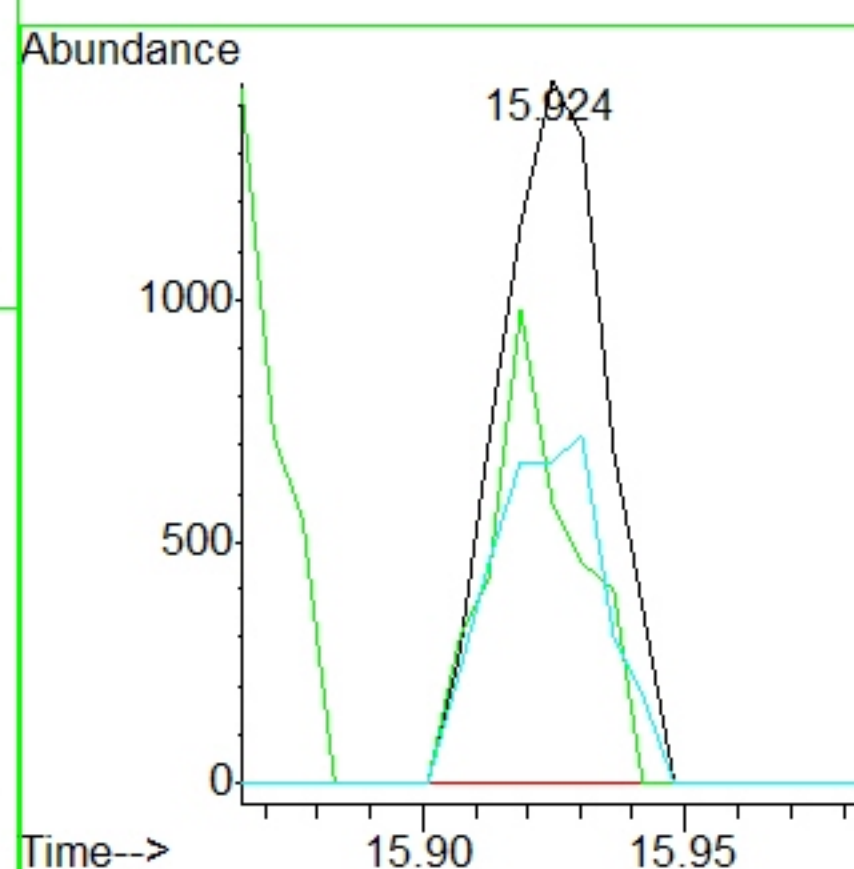
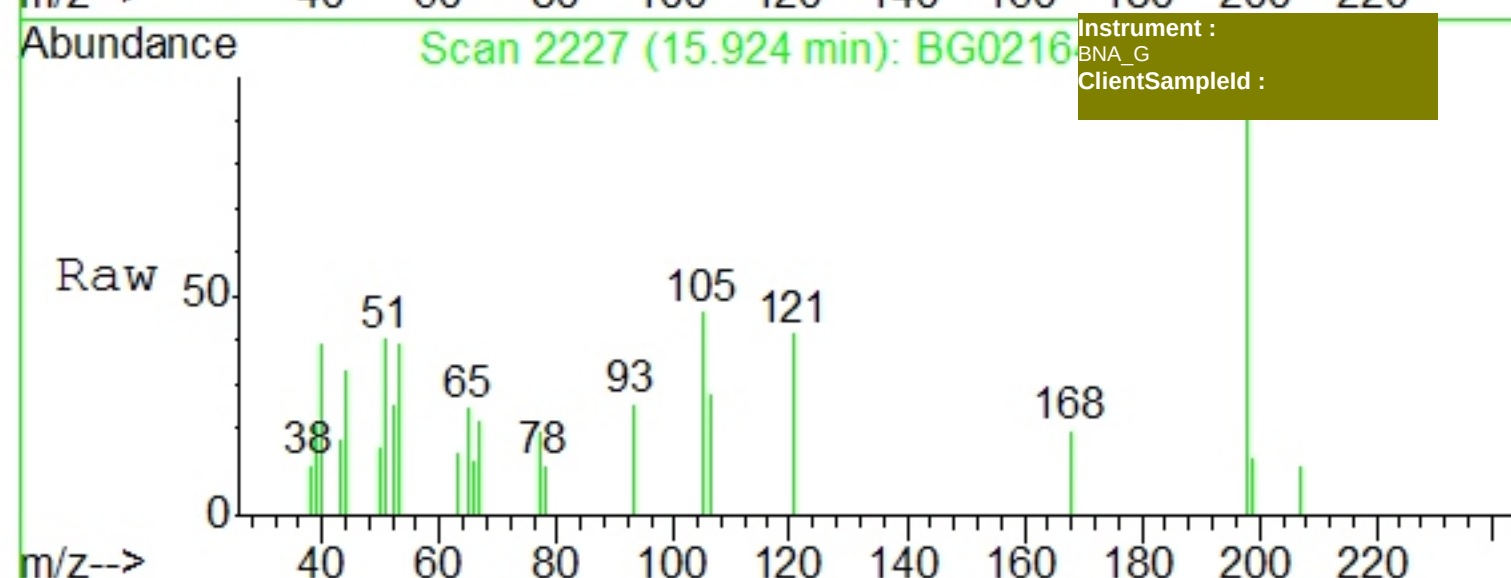
#63  
 Phenanthrene-d10  
 Concen: 20.00 ng  
 RT: 17.558 min Scan# 2505  
 Delta R.T. -0.006 min  
 Lab File: BG021640.D  
 Acq: 14 Apr 2016 4:58

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 188   | Resp: | 217210 |
| Ion      | Ratio | Lower | Upper  |
| 188      | 100   |       |        |
| 94       | 9.4   | 7.5   | 11.3   |
| 80       | 11.1  | 8.6   | 13.0   |

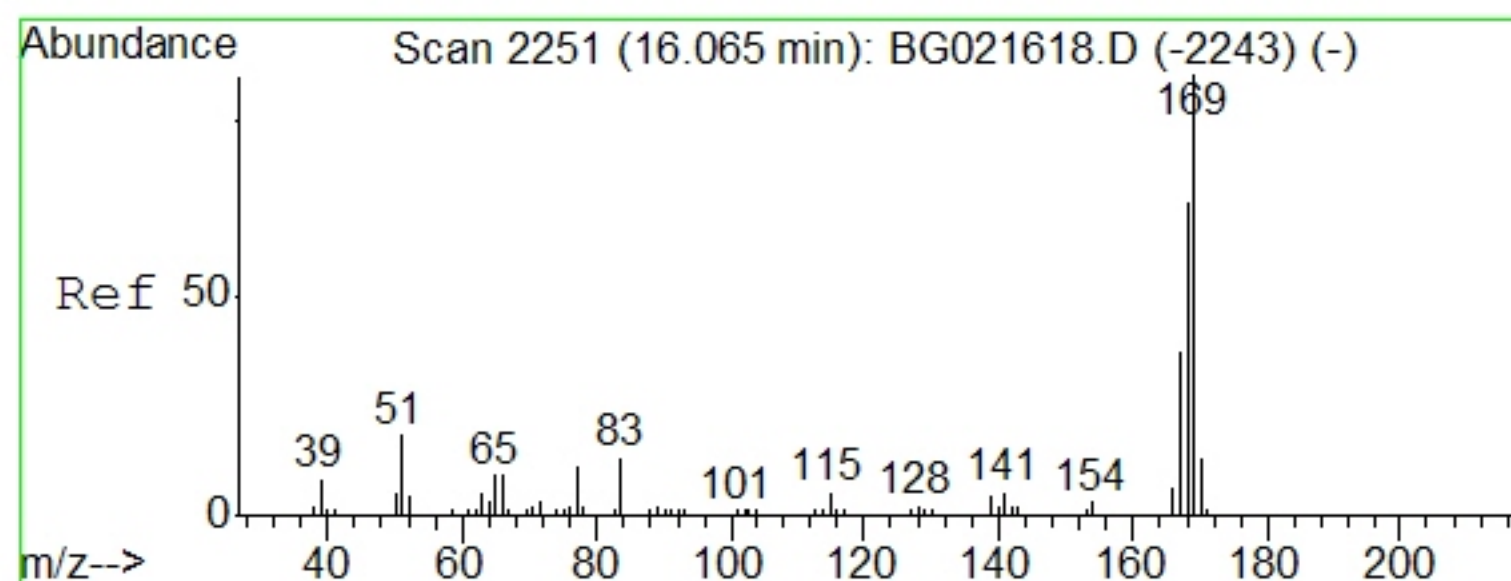


#64  
 4,6-Dinitro-2-methylphenol  
 Concen: 7.46 ng  
 RT: 15.924 min Scan# 2227  
 Delta R.T. -0.006 min  
 Lab File: BG021640.D  
 Acq: 14 Apr 2016 4:58

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 198   | Resp: | 2103  |
| Ion      | Ratio | Lower | Upper |
| 198      | 100   |       |       |
| 51       | 39.6  | 29.2  | 69.2  |
| 105      | 46.0  | 24.0  | 64.0  |

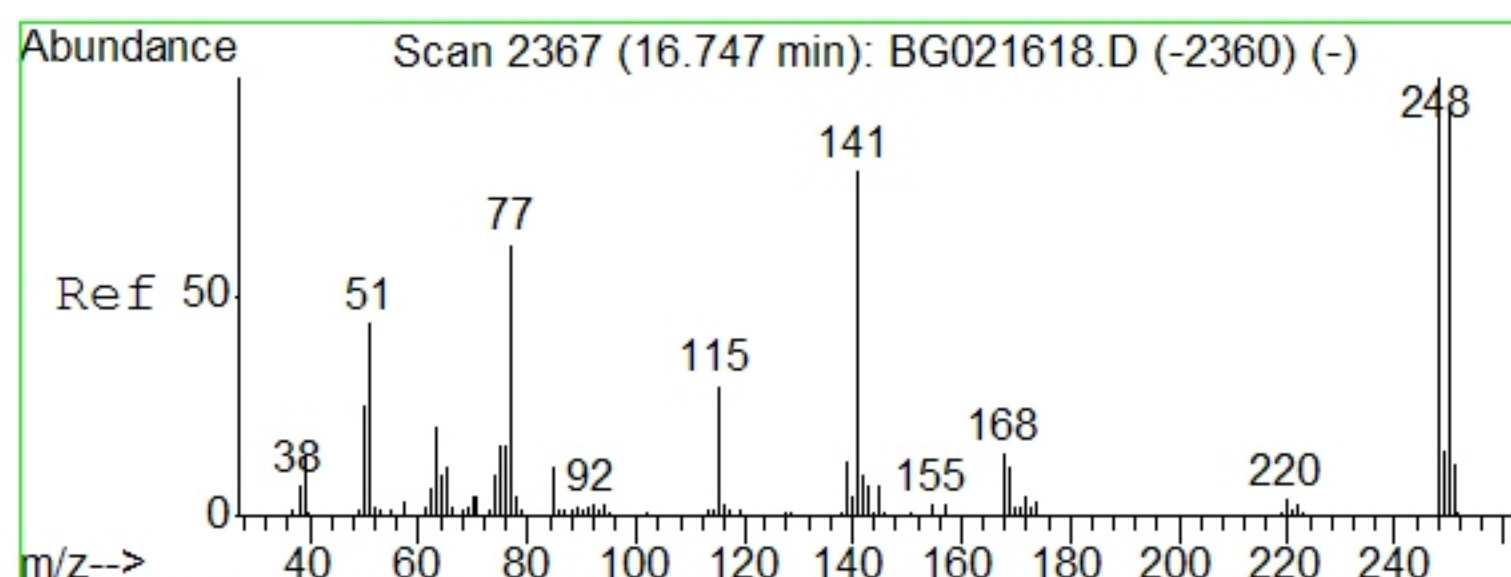
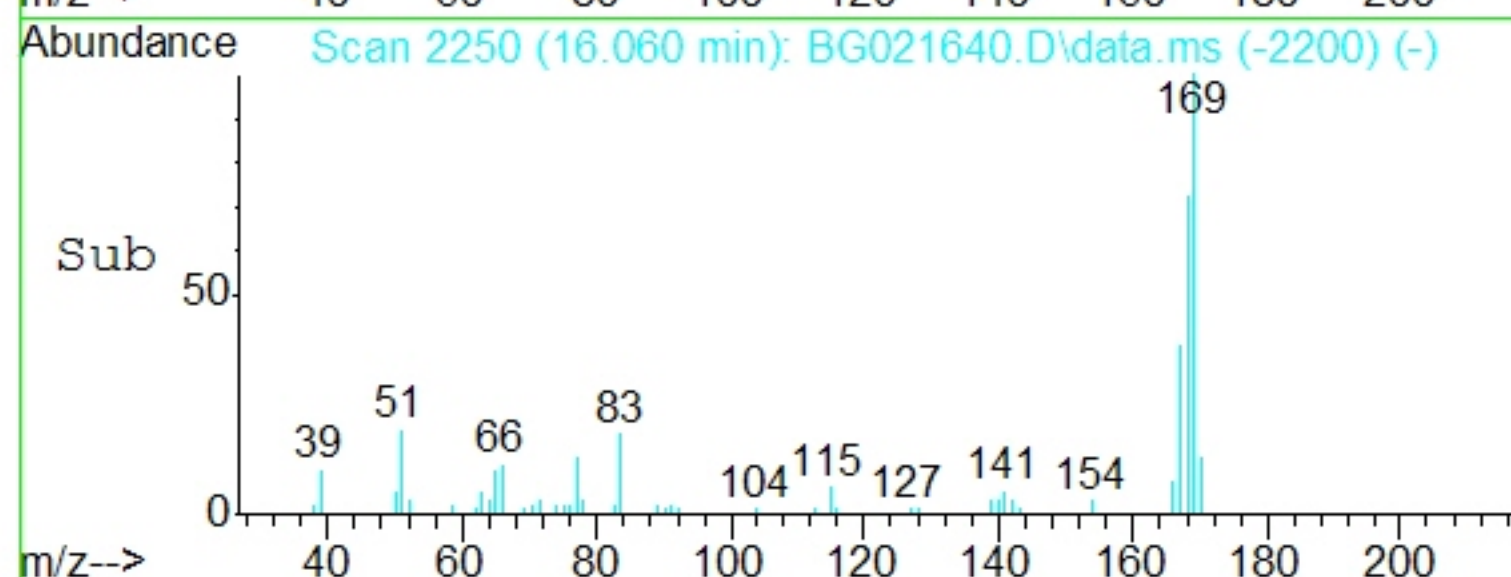
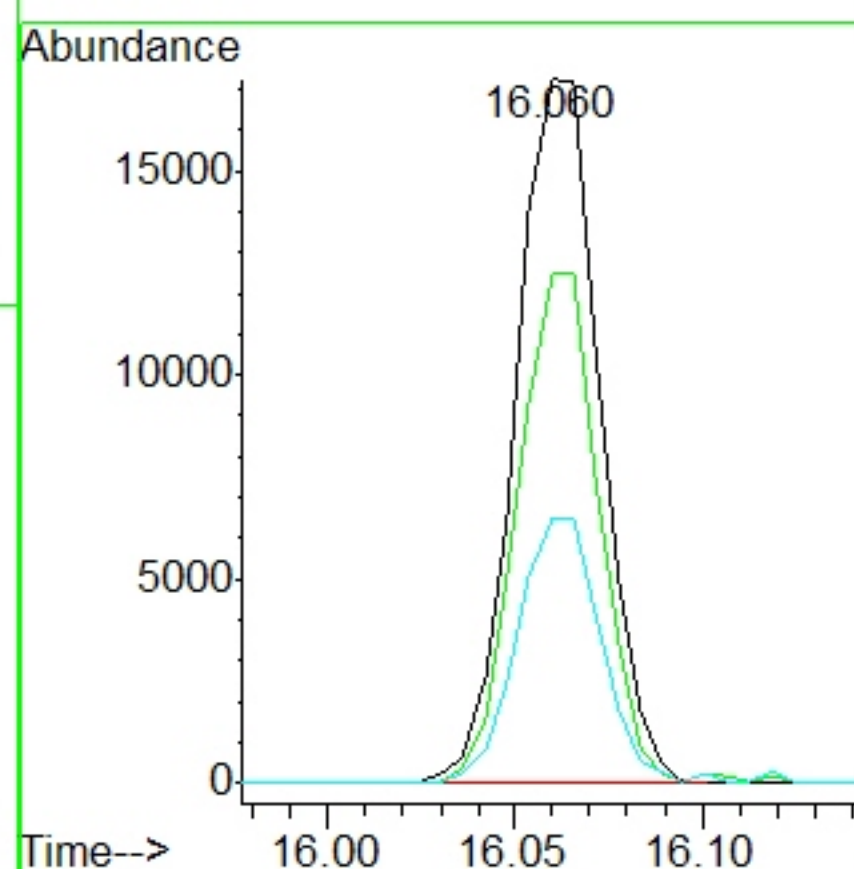
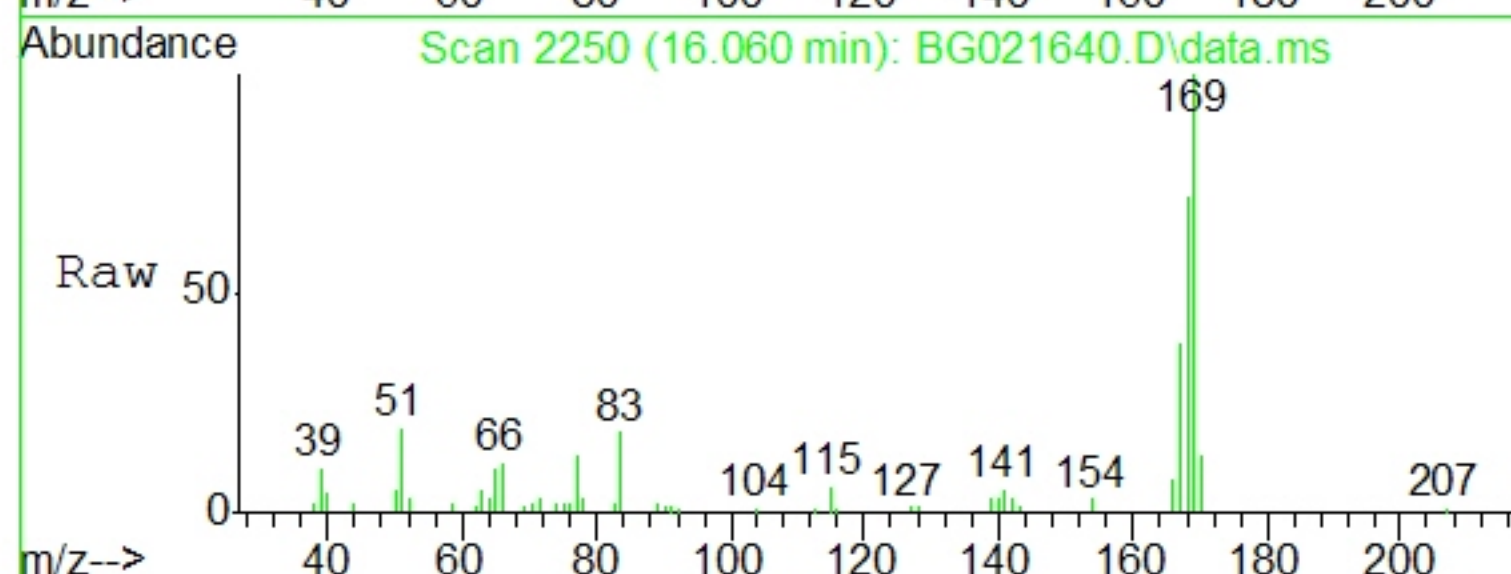






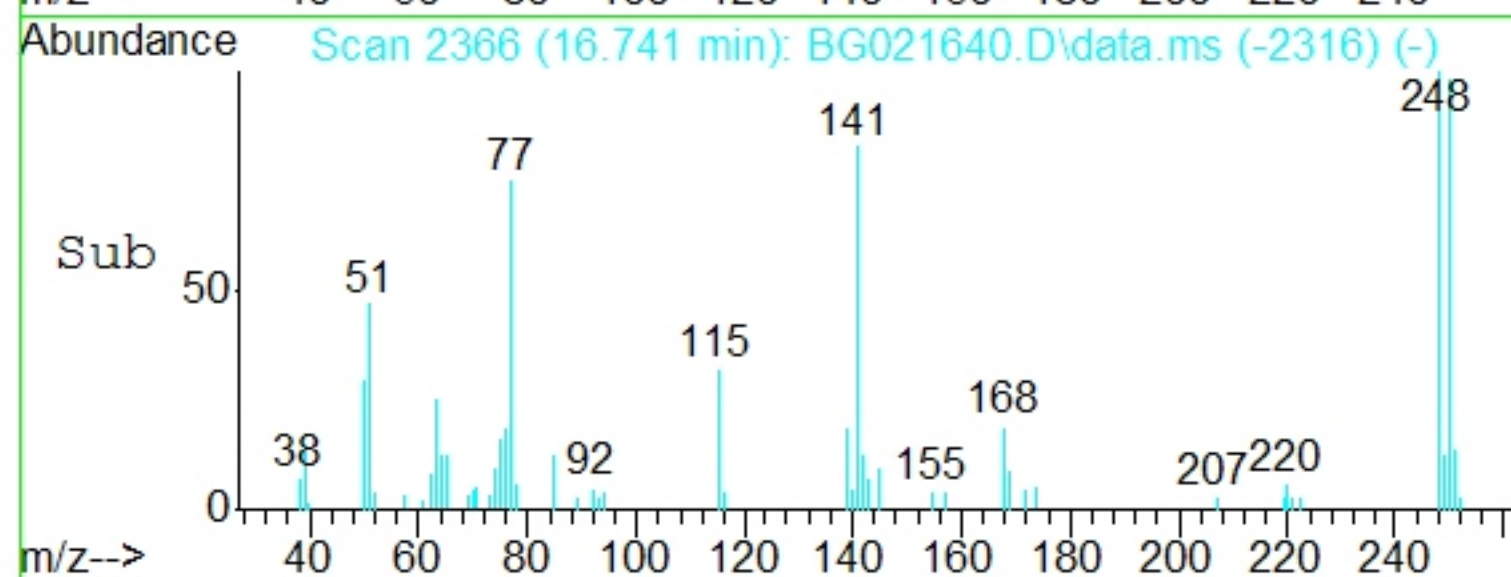
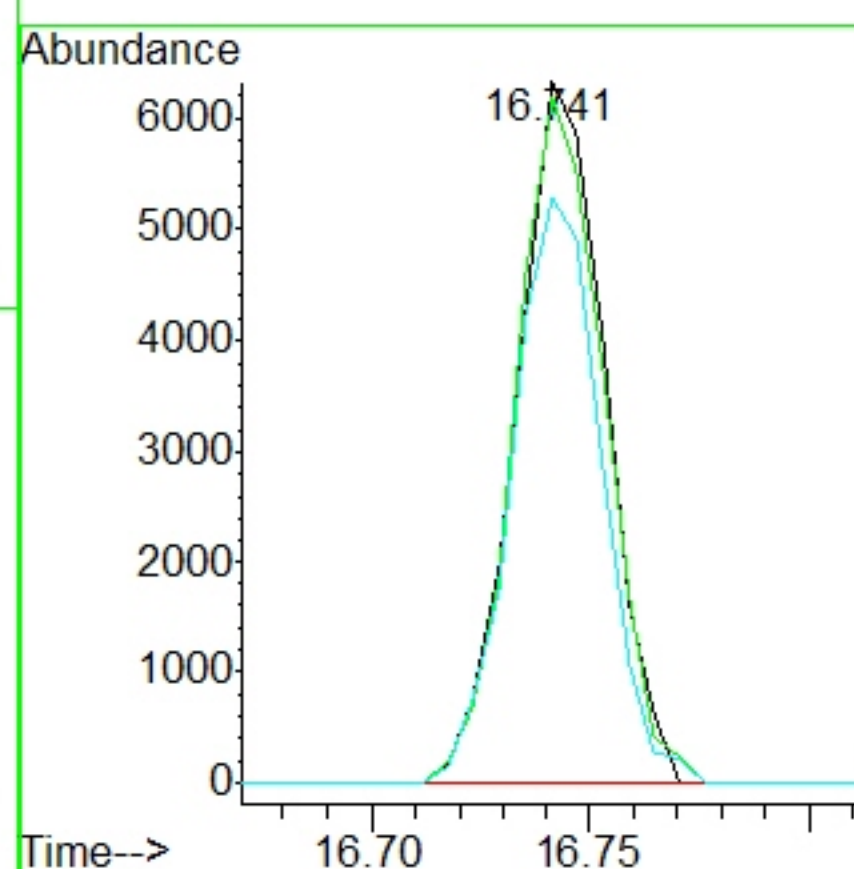
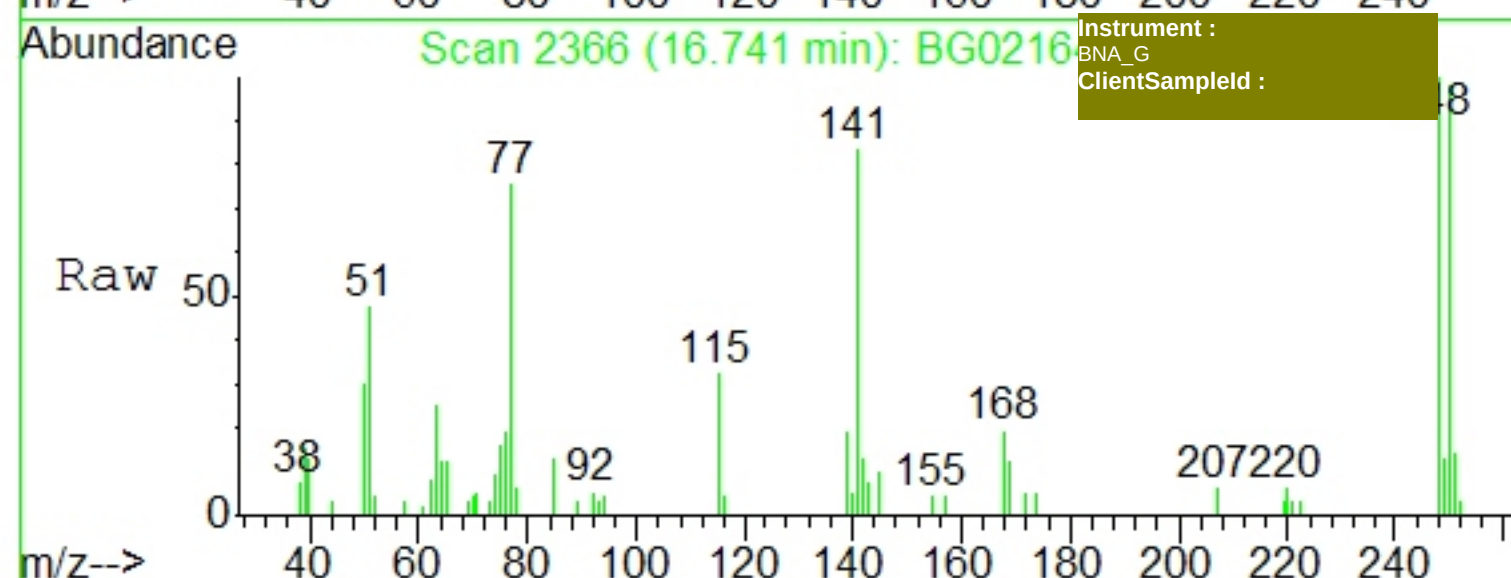
#65  
n-Nitrosodiphenylamine  
Concen: 4.14 ng  
RT: 16.060 min Scan# 2250  
Delta R.T. -0.006 min  
Lab File: BG021640.D  
Acq: 14 Apr 2016 4:58

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 169     | 100   |       |       |
| 168     | 72.3  | 59.6  | 89.4  |
| 167     | 37.7  | 31.2  | 46.8  |

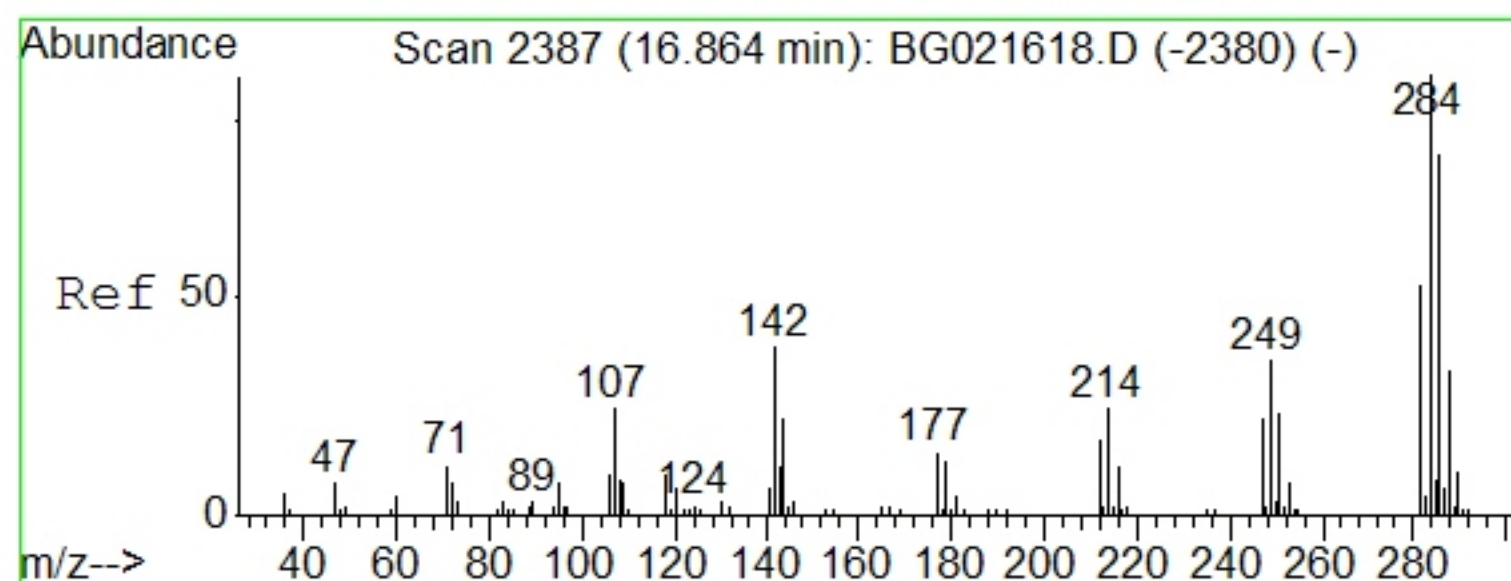


#66  
4-Bromophenyl-phenylether  
Concen: 3.89 ng  
RT: 16.741 min Scan# 2366  
Delta R.T. -0.006 min  
Lab File: BG021640.D  
Acq: 14 Apr 2016 4:58

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 248     | 100   |       |       |
| 250     | 97.8  | 76.6  | 114.8 |
| 141     | 83.5  | 63.8  | 95.6  |

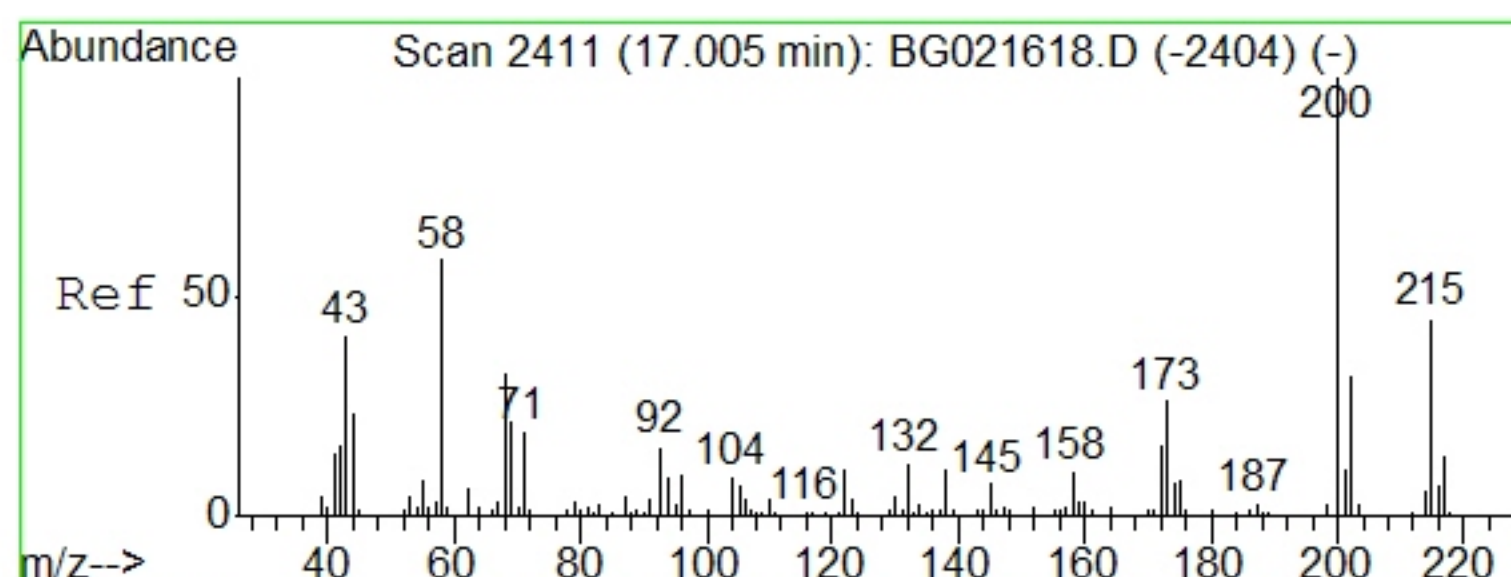
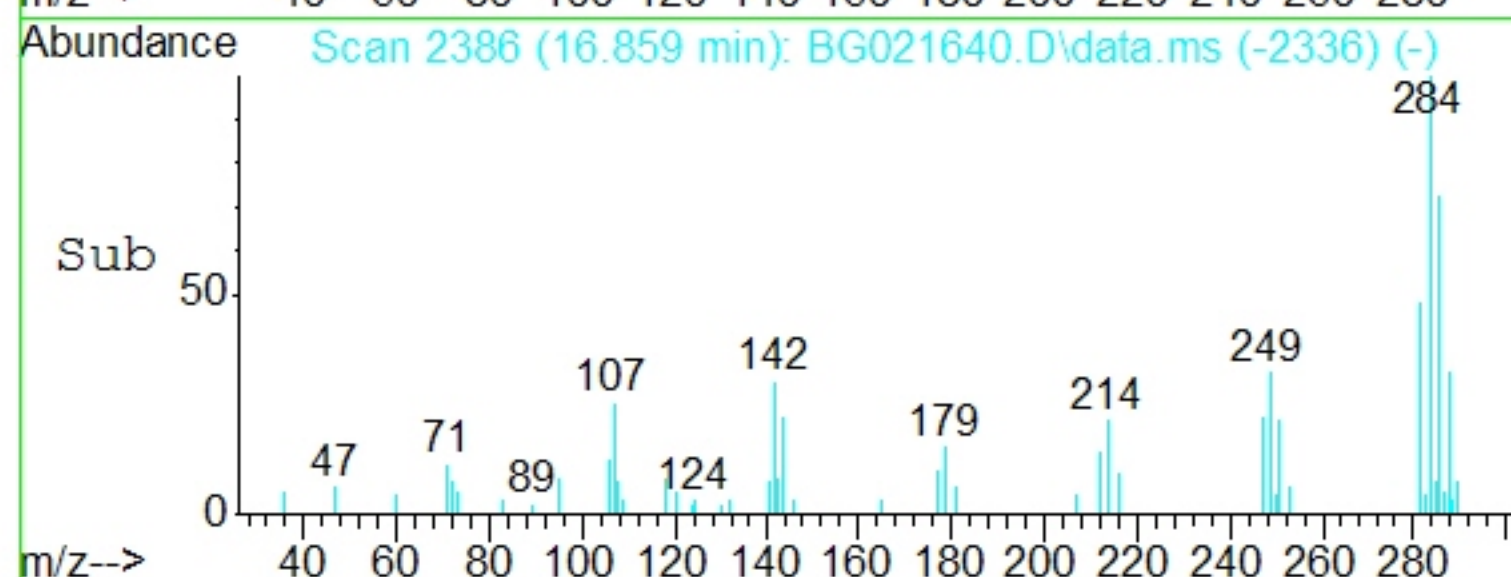
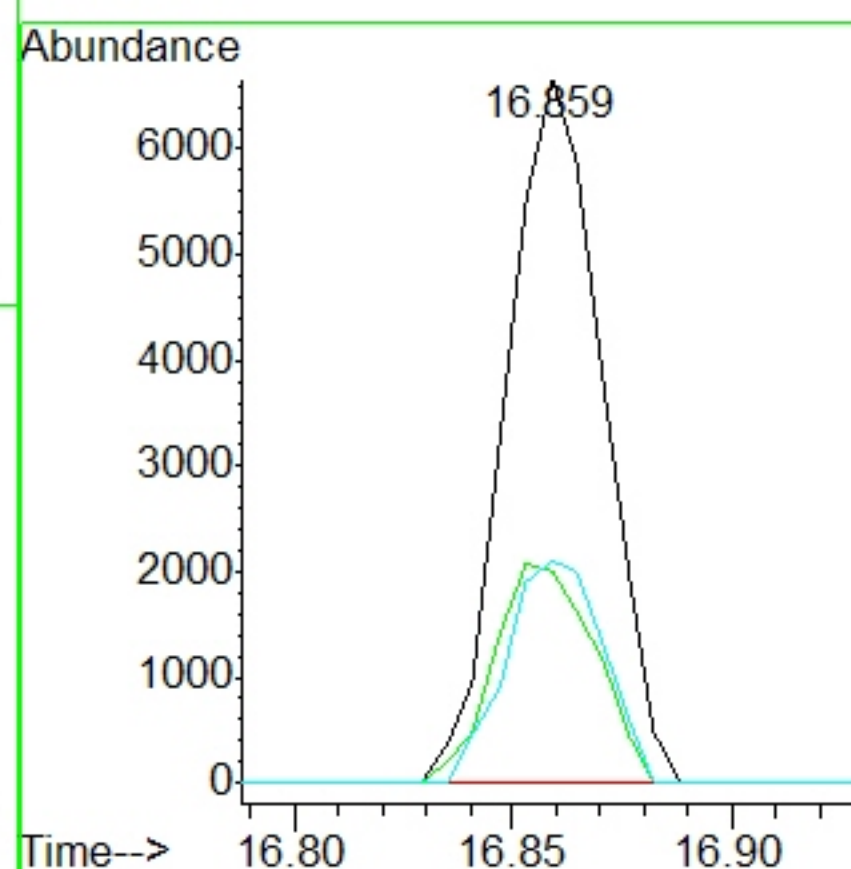
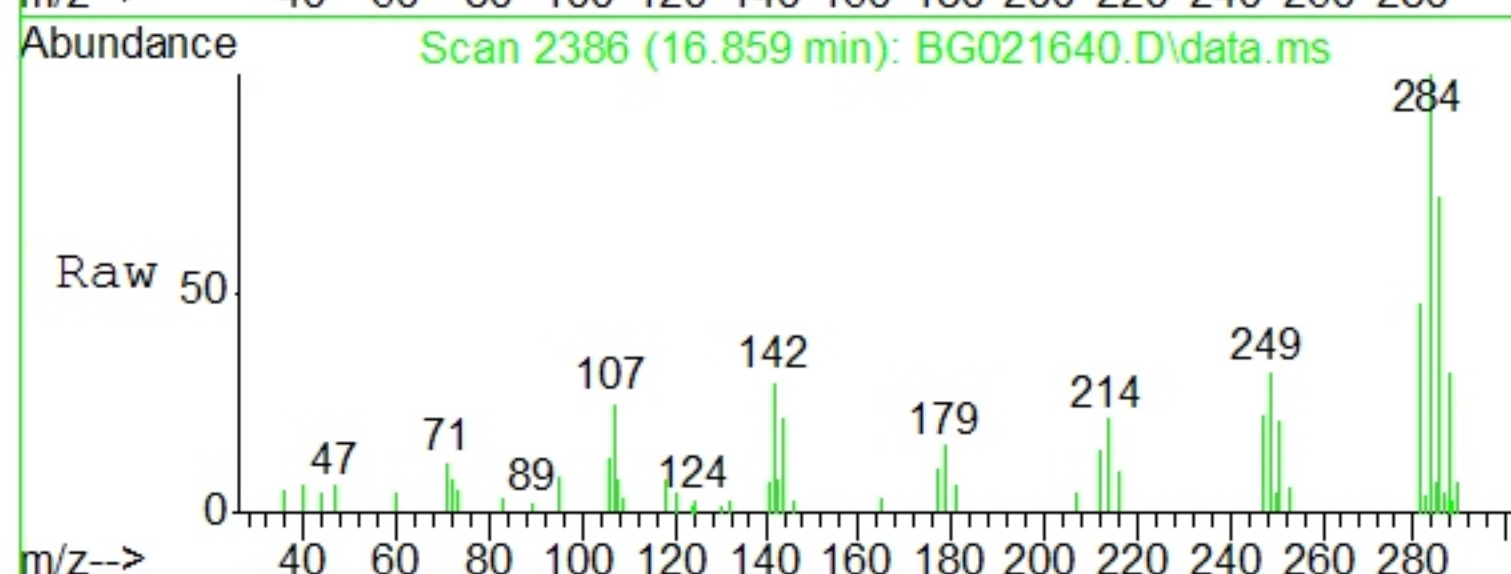






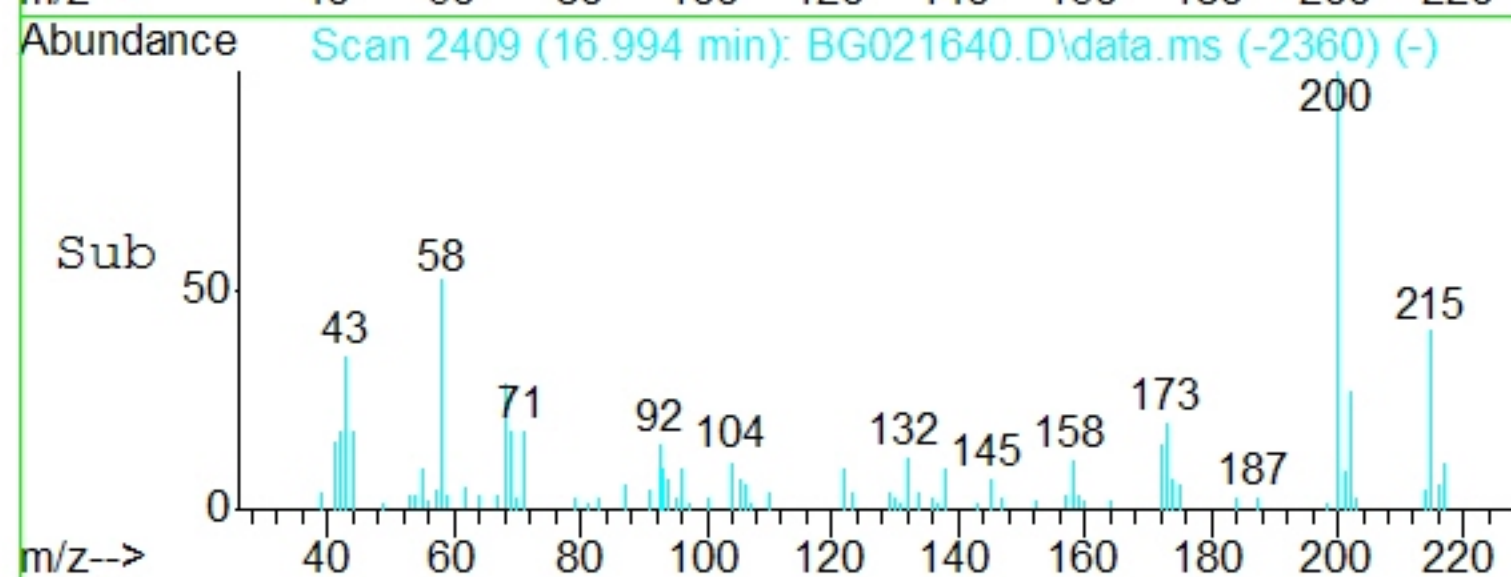
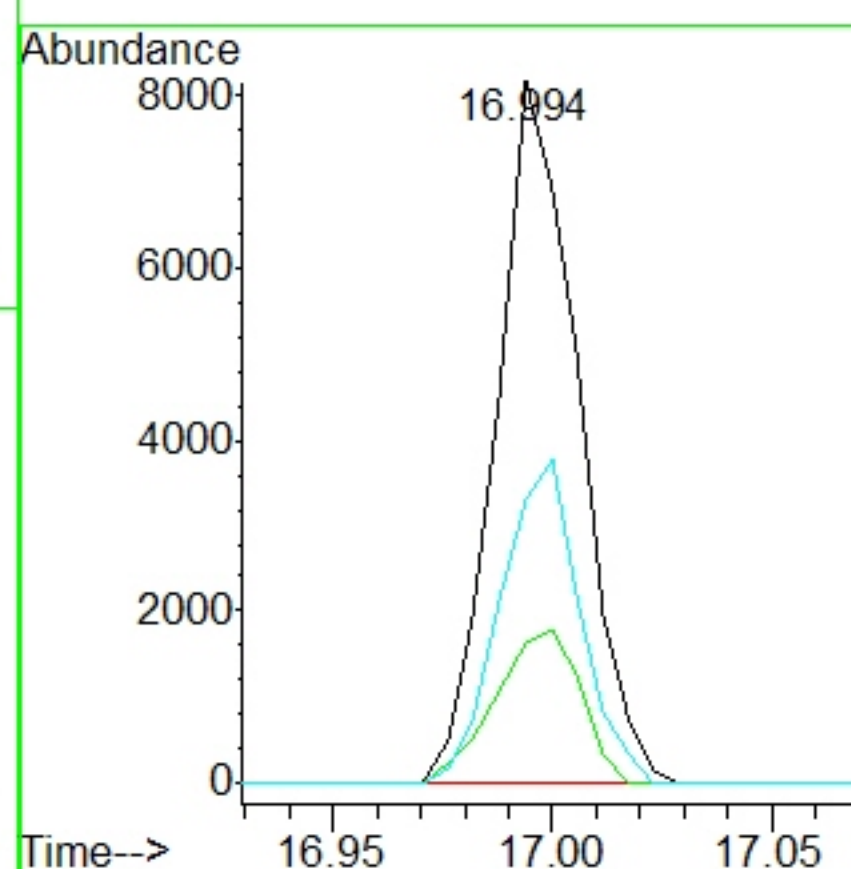
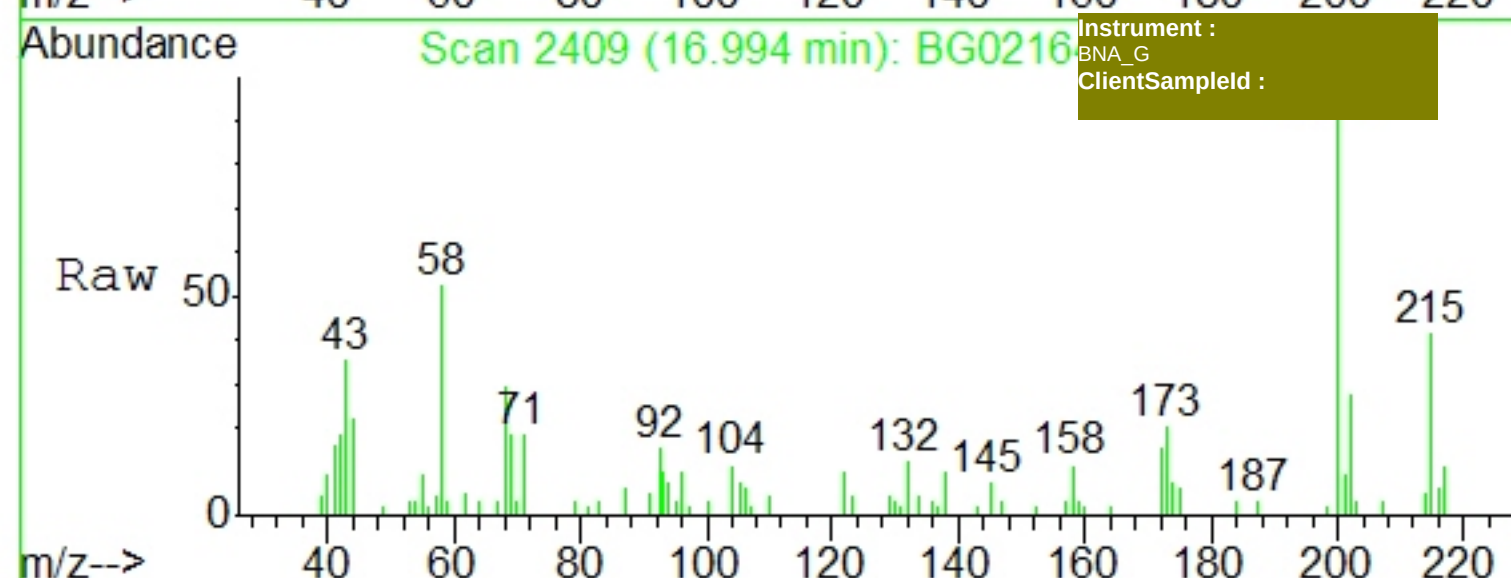
#67  
Hexachlorobenzene  
Concen: 4.14 ng  
RT: 16.859 min Scan# 2386  
Delta R.T. -0.006 min  
Lab File: BG021640.D  
Acq: 14 Apr 2016 4:58

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 284     | 100   |       |       |
| 142     | 30.0  | 31.8  | 47.6# |
| 249     | 35.4  | 27.3  | 40.9  |

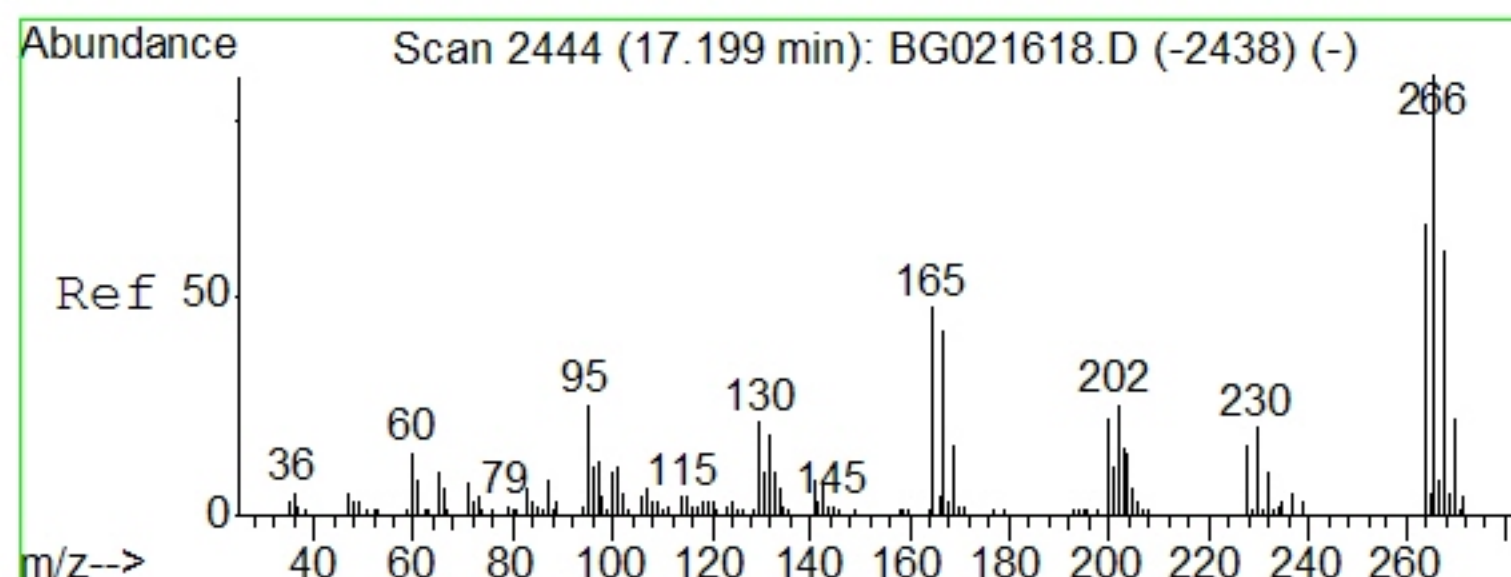


#68  
Atrazine  
Concen: 4.11 ng  
RT: 16.994 min Scan# 2409  
Delta R.T. -0.011 min  
Lab File: BG021640.D  
Acq: 14 Apr 2016 4:58

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 200     | 100   |       |       |
| 173     | 20.1  | 5.1   | 45.1  |
| 215     | 40.6  | 28.0  | 68.0  |

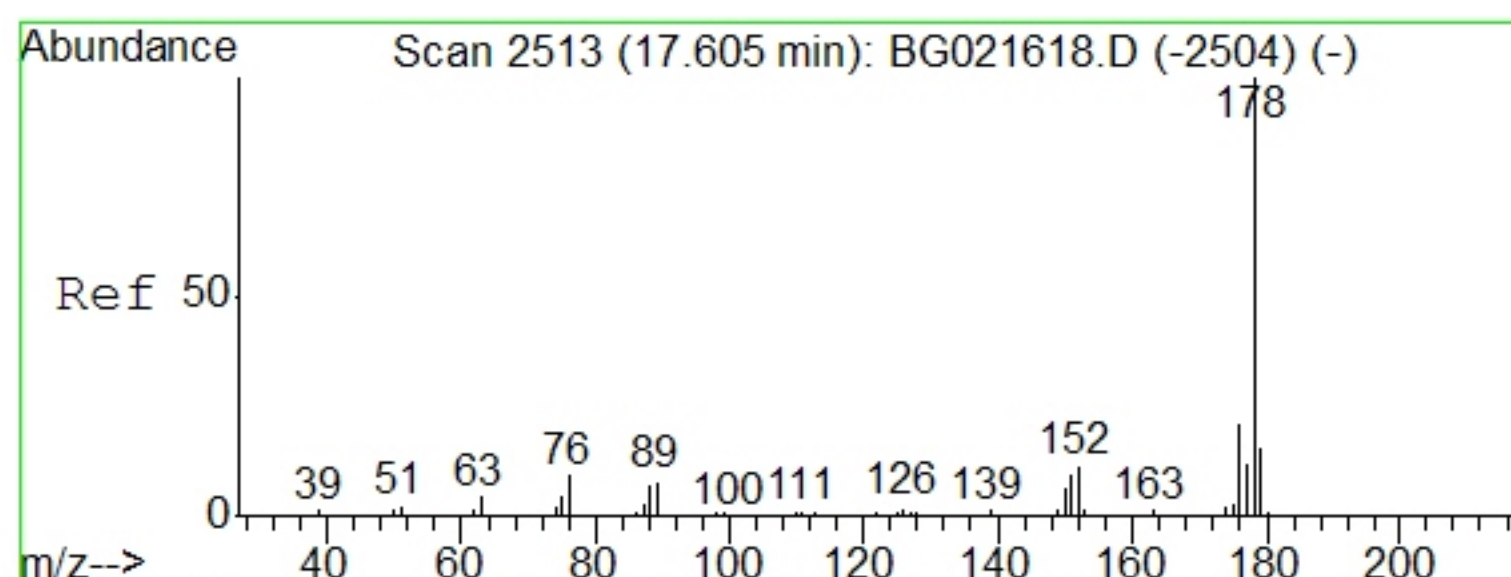
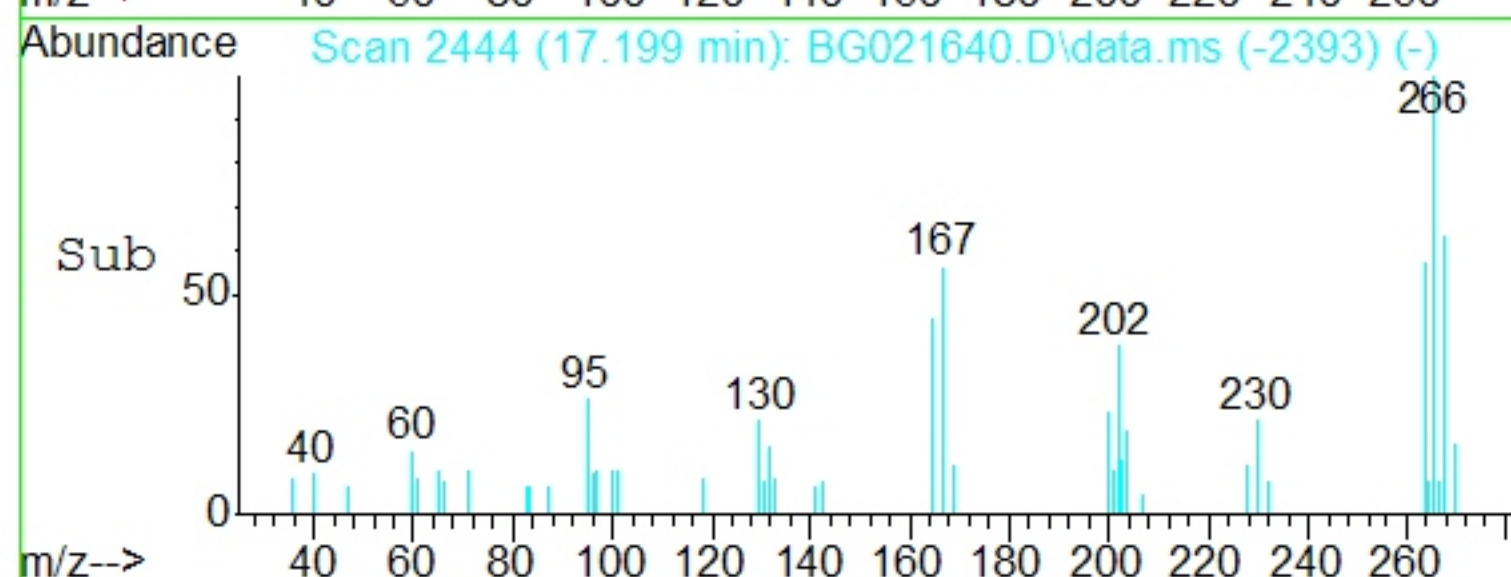
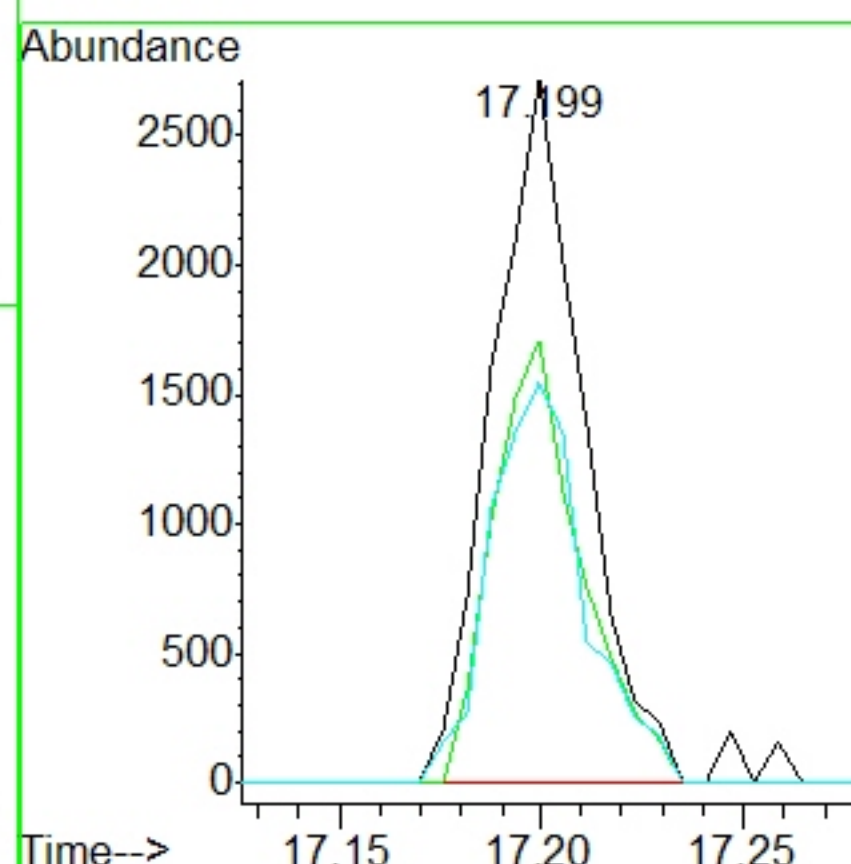
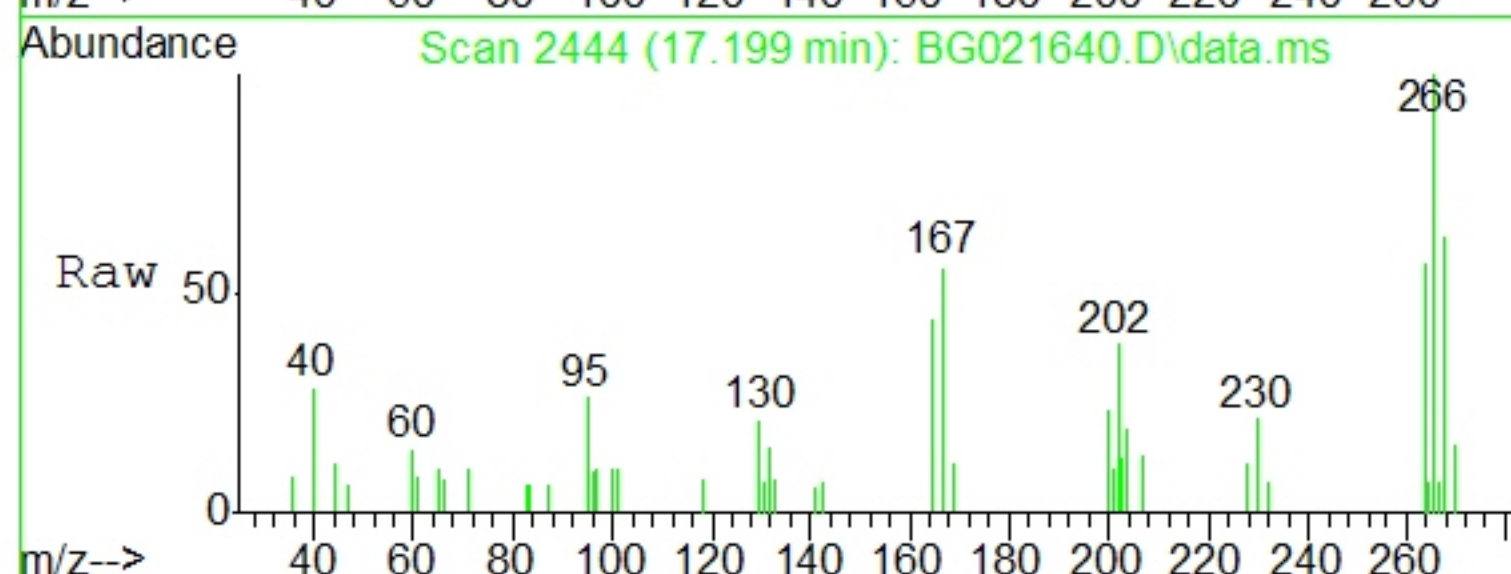






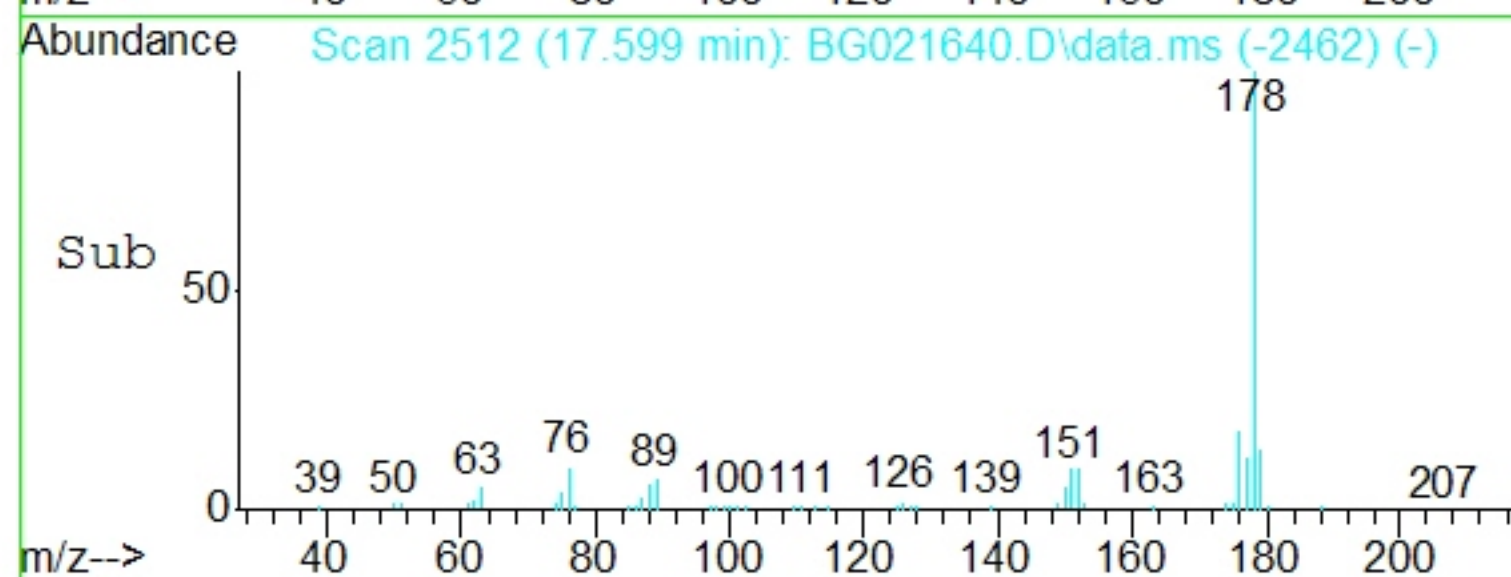
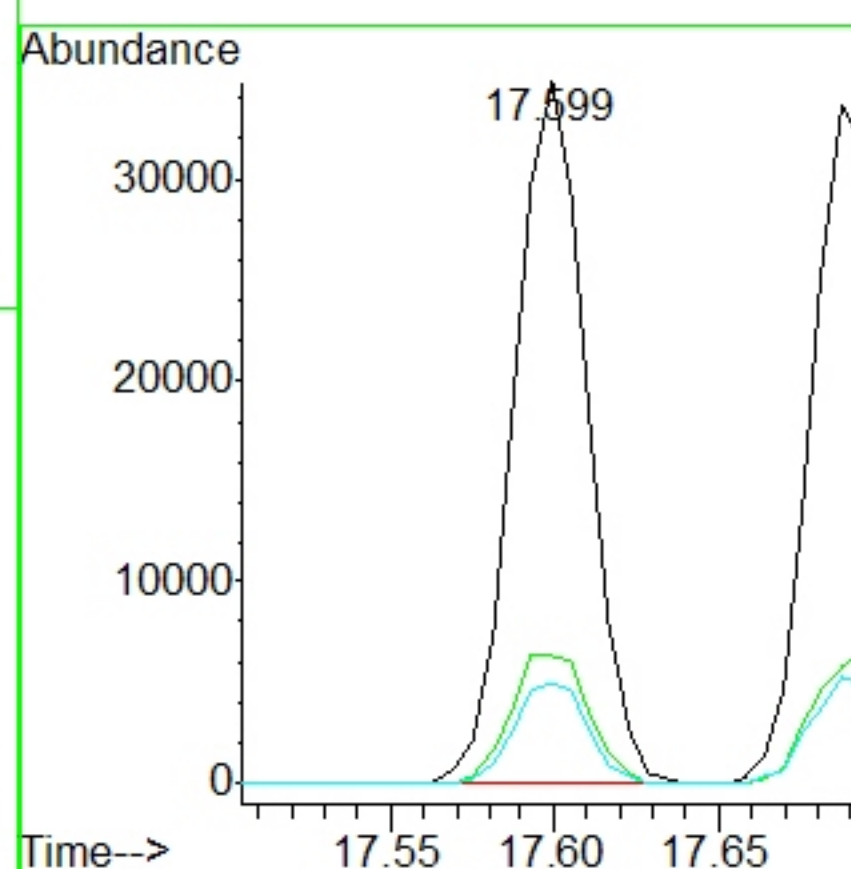
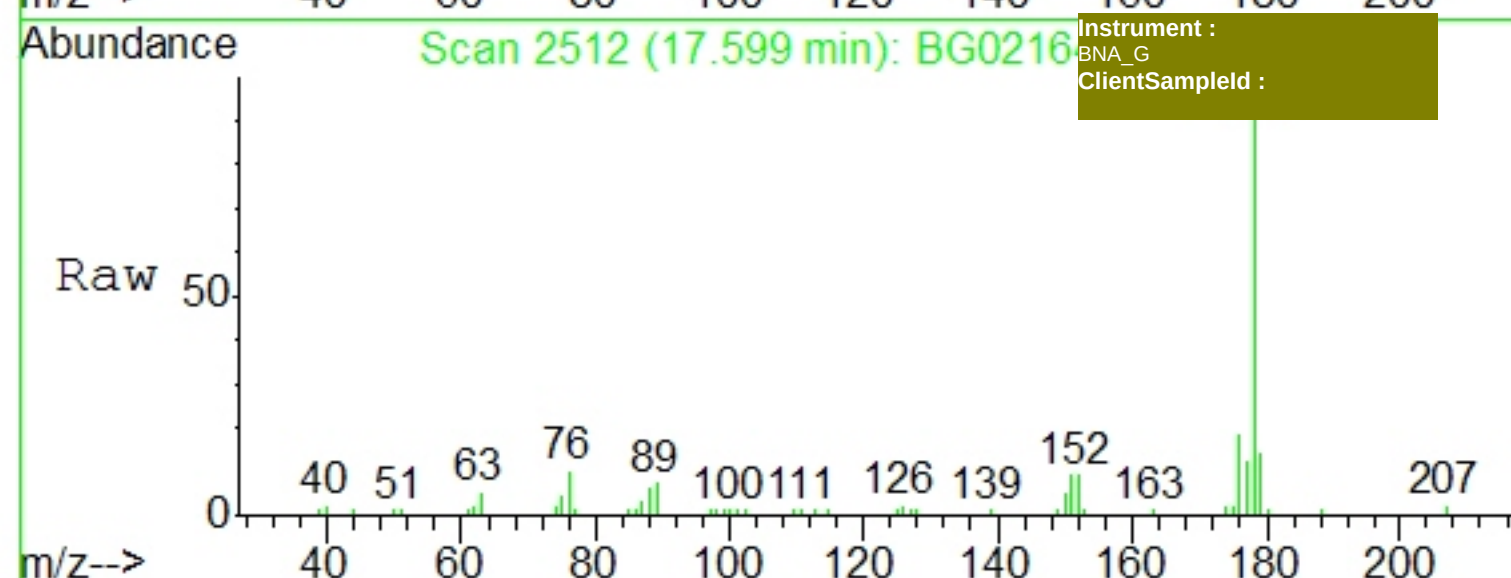
#69  
 Pentachlorophenol  
 Concen: 3.00 ng  
 RT: 17.199 min Scan# 2444  
 Delta R.T. 0.000 min  
 Lab File: BG021640.D  
 Acq: 14 Apr 2016 4:58

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 266     | 100   |       |       |
| 268     | 62.7  | 54.5  | 81.7  |
| 264     | 63.7  | 53.8  | 80.6  |

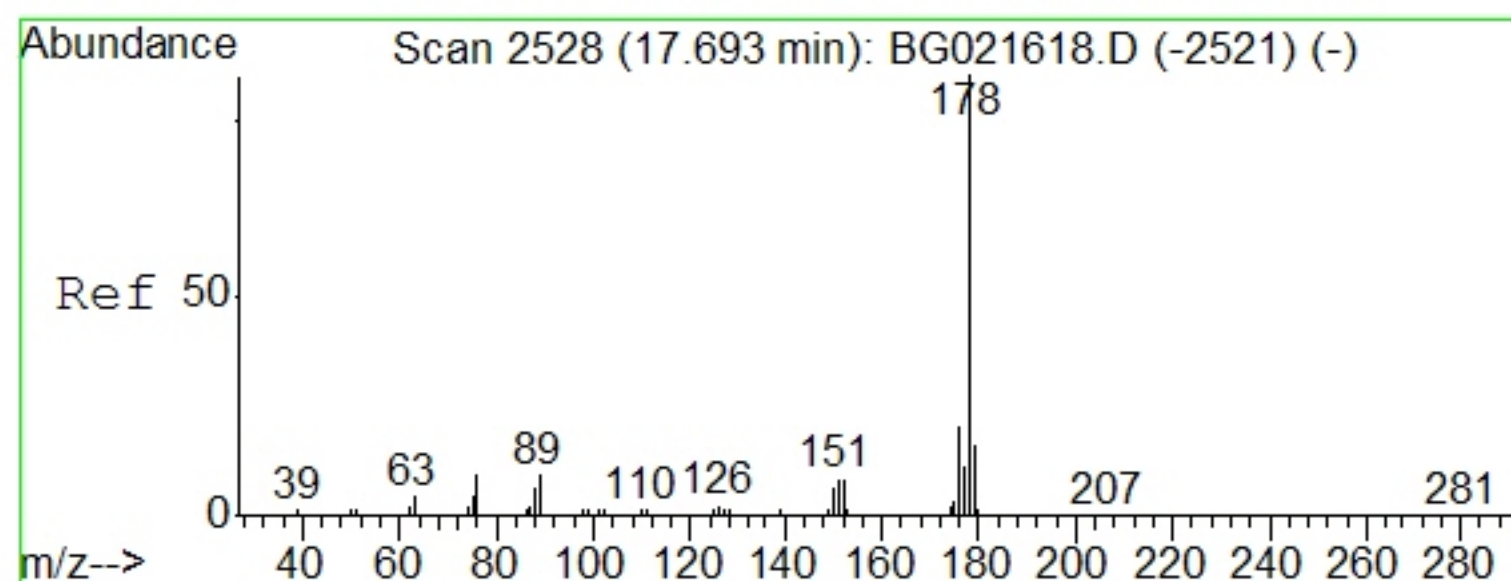


#70  
 Phenanthrene  
 Concen: 4.49 ng  
 RT: 17.599 min Scan# 2512  
 Delta R.T. -0.006 min  
 Lab File: BG021640.D  
 Acq: 14 Apr 2016 4:58

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 178     | 100   |       |       |
| 176     | 18.2  | 16.2  | 24.4  |
| 179     | 14.4  | 12.0  | 18.0  |

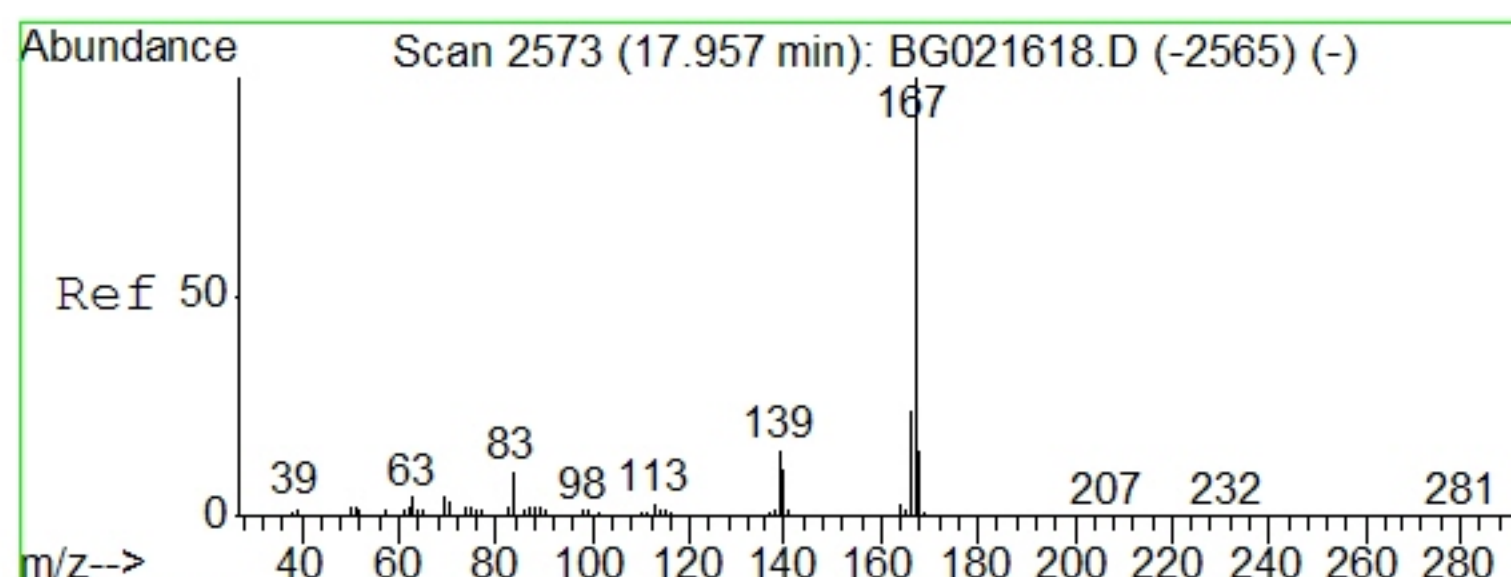
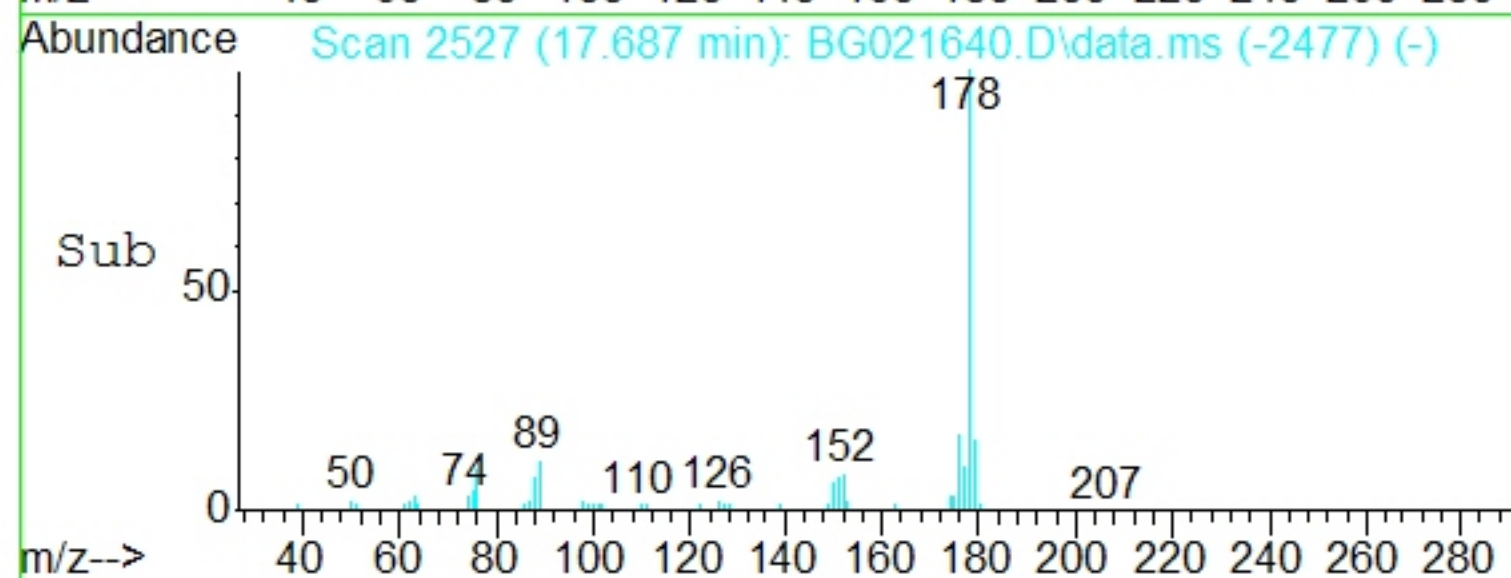
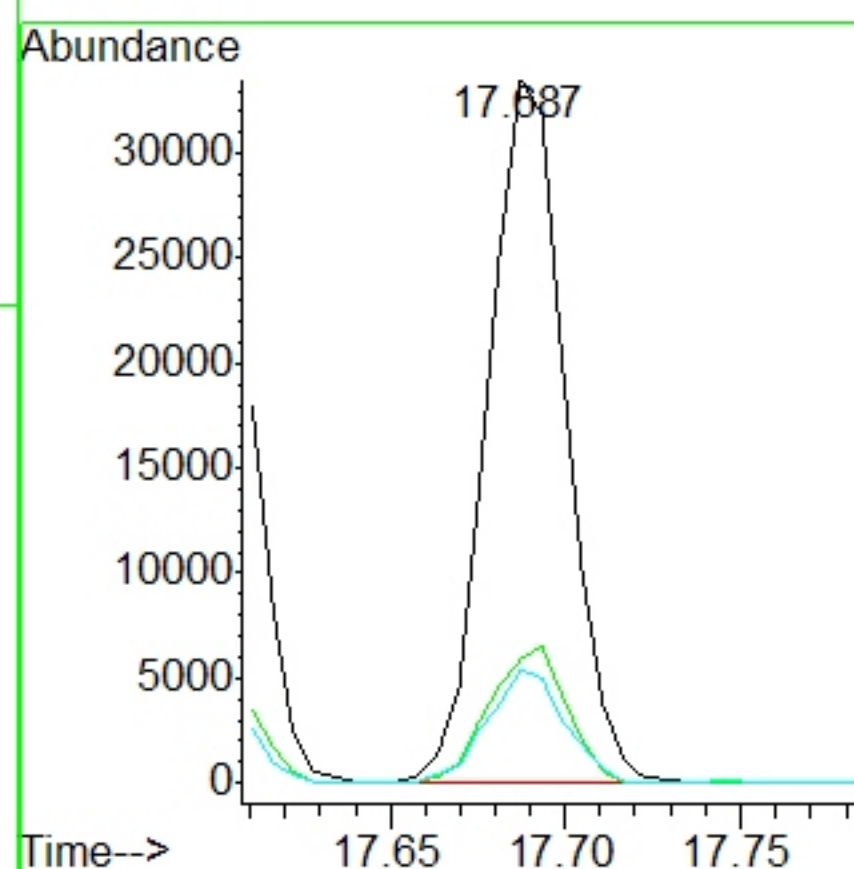
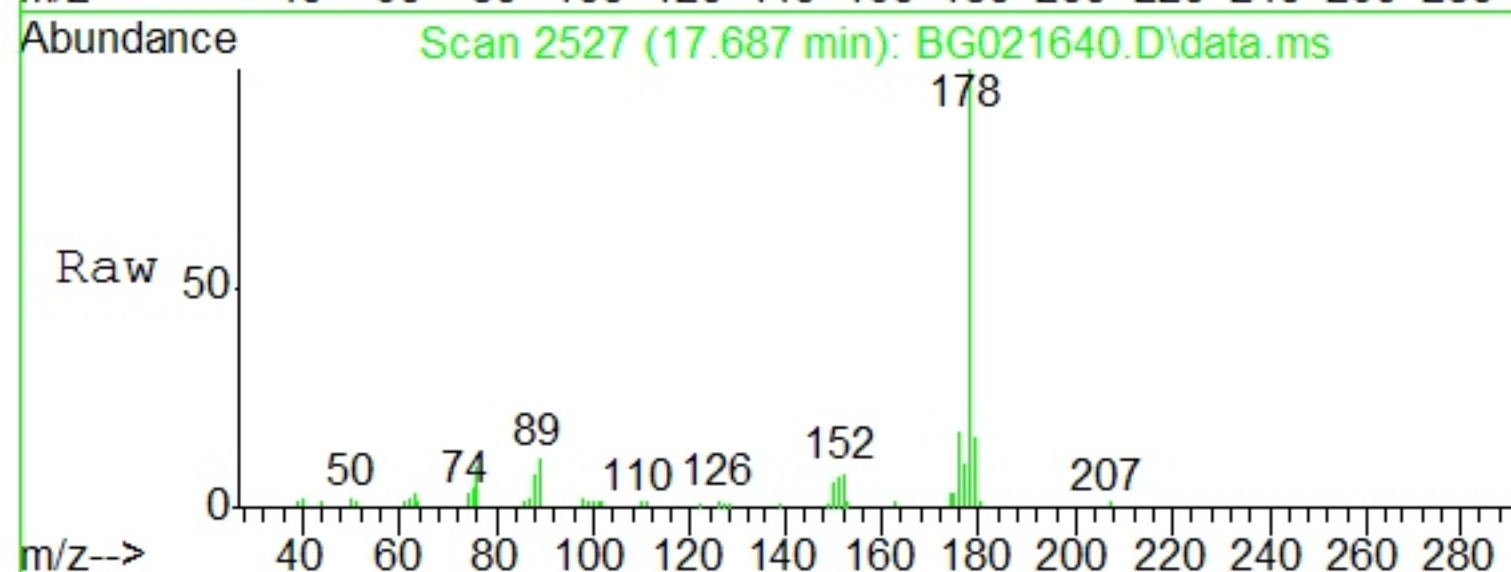






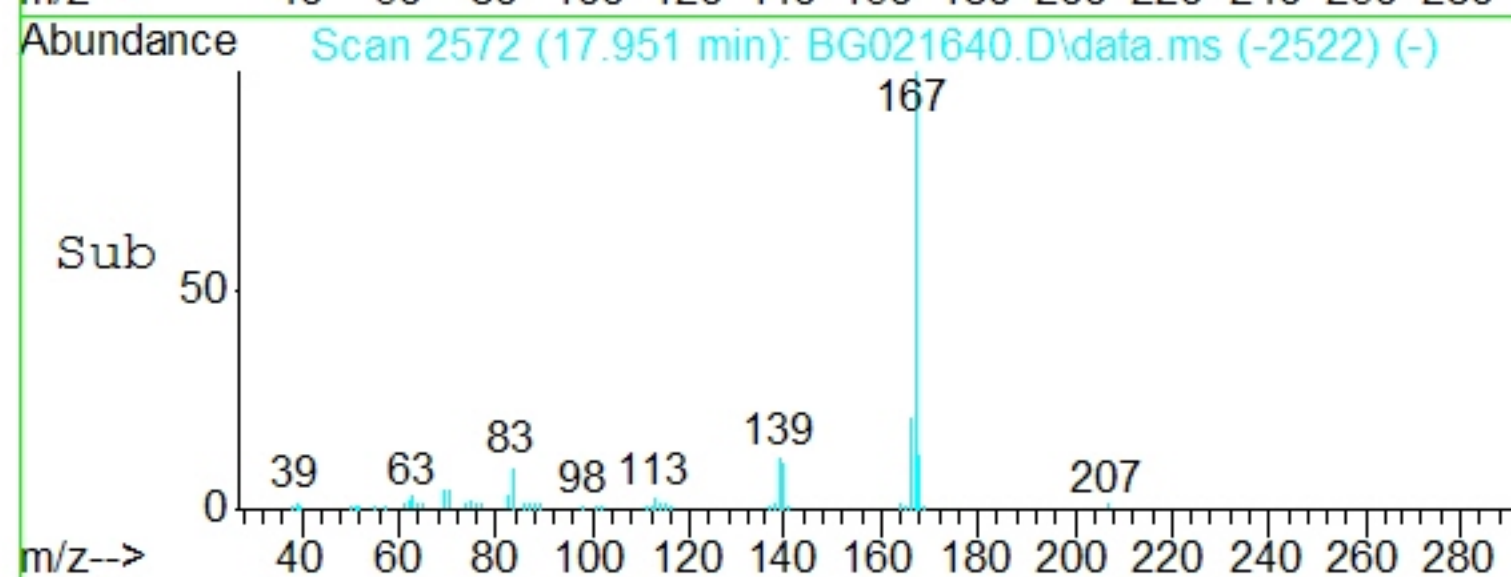
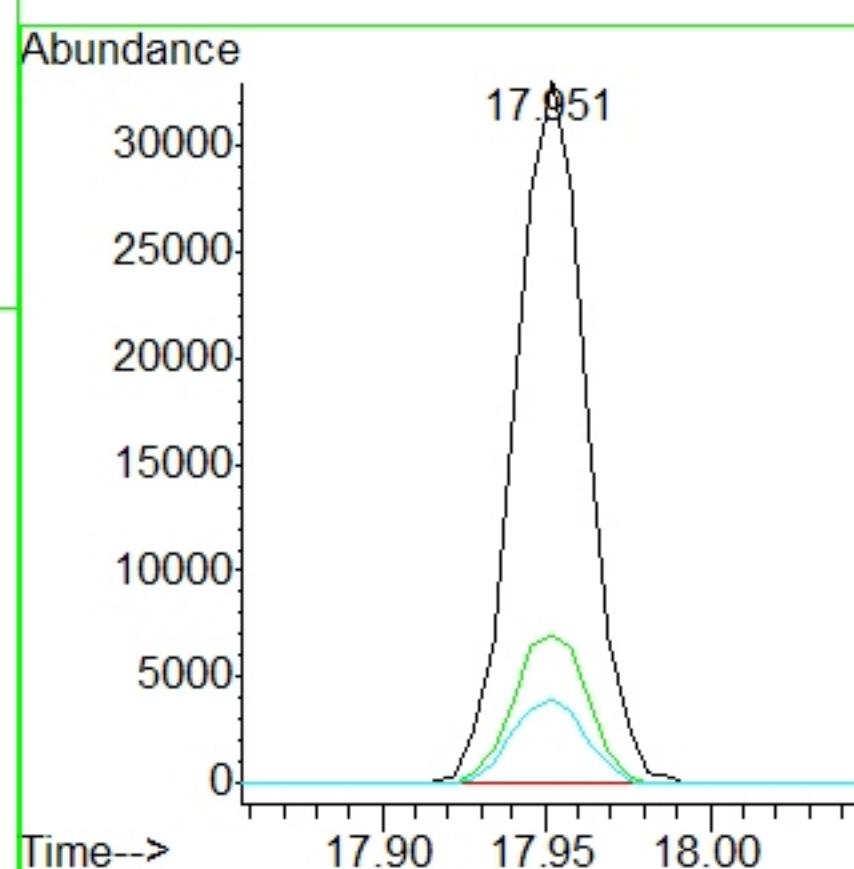
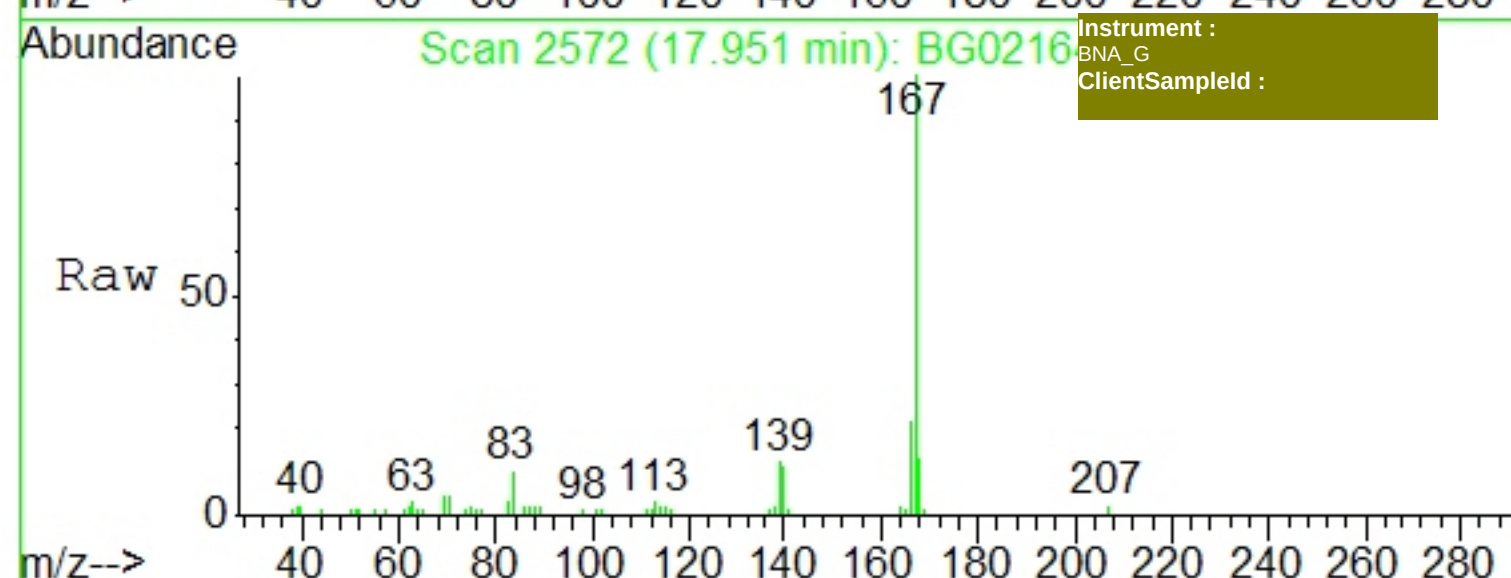
#71  
 Anthracene  
 Concen: 4.26 ng  
 RT: 17.687 min Scan# 2527  
 Delta R.T. -0.006 min  
 Lab File: BG021640.D  
 Acq: 14 Apr 2016 4:58

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 178   | Resp: | 51786 |
| Ion      | Ratio | Lower | Upper |
| 178      | 100   |       |       |
| 176      | 17.5  | 15.0  | 22.4  |
| 179      | 15.9  | 12.2  | 18.4  |

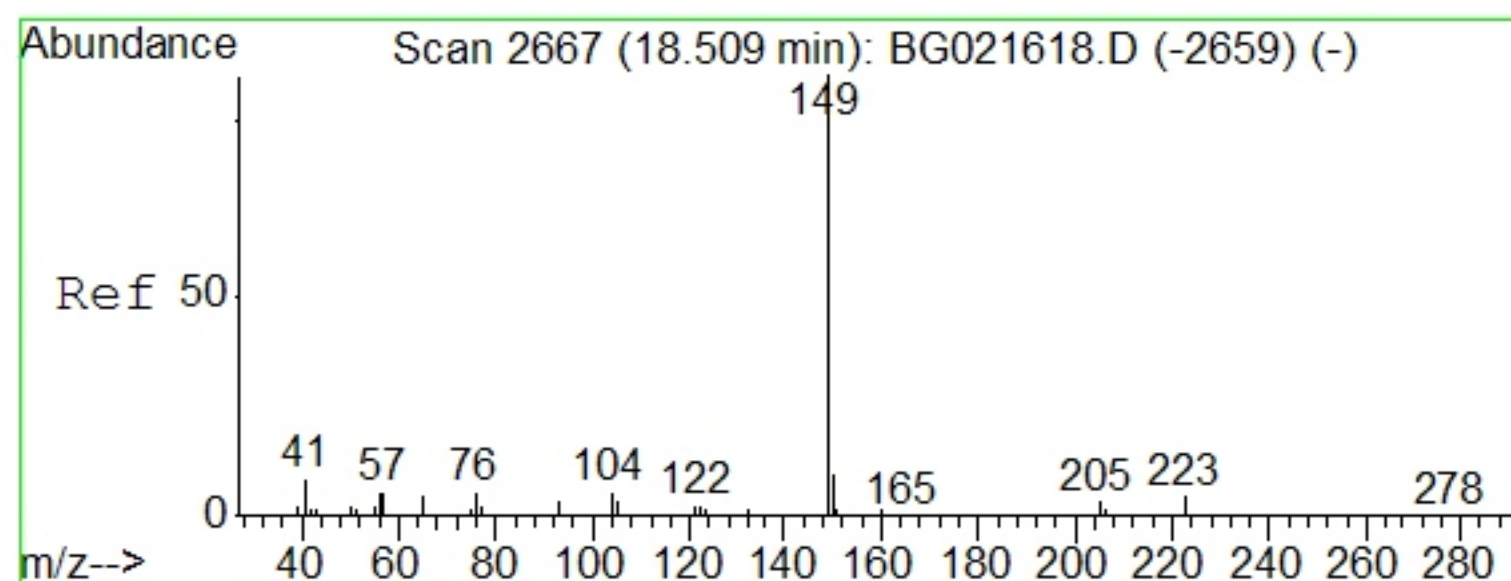


#72  
 Carbazole  
 Concen: 4.41 ng  
 RT: 17.951 min Scan# 2572  
 Delta R.T. -0.006 min  
 Lab File: BG021640.D  
 Acq: 14 Apr 2016 4:58

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 167   | Resp: | 50014 |
| Ion      | Ratio | Lower | Upper |
| 167      | 100   |       |       |
| 166      | 21.3  | 18.6  | 27.8  |
| 139      | 12.2  | 10.6  | 15.8  |

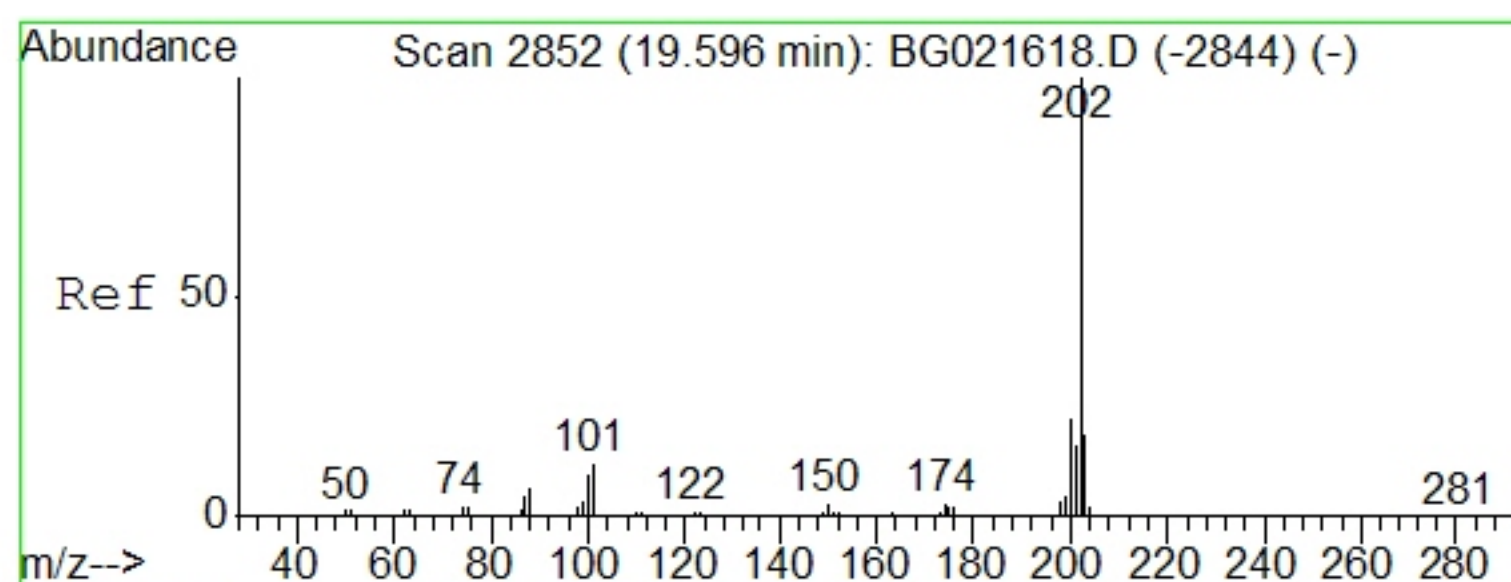
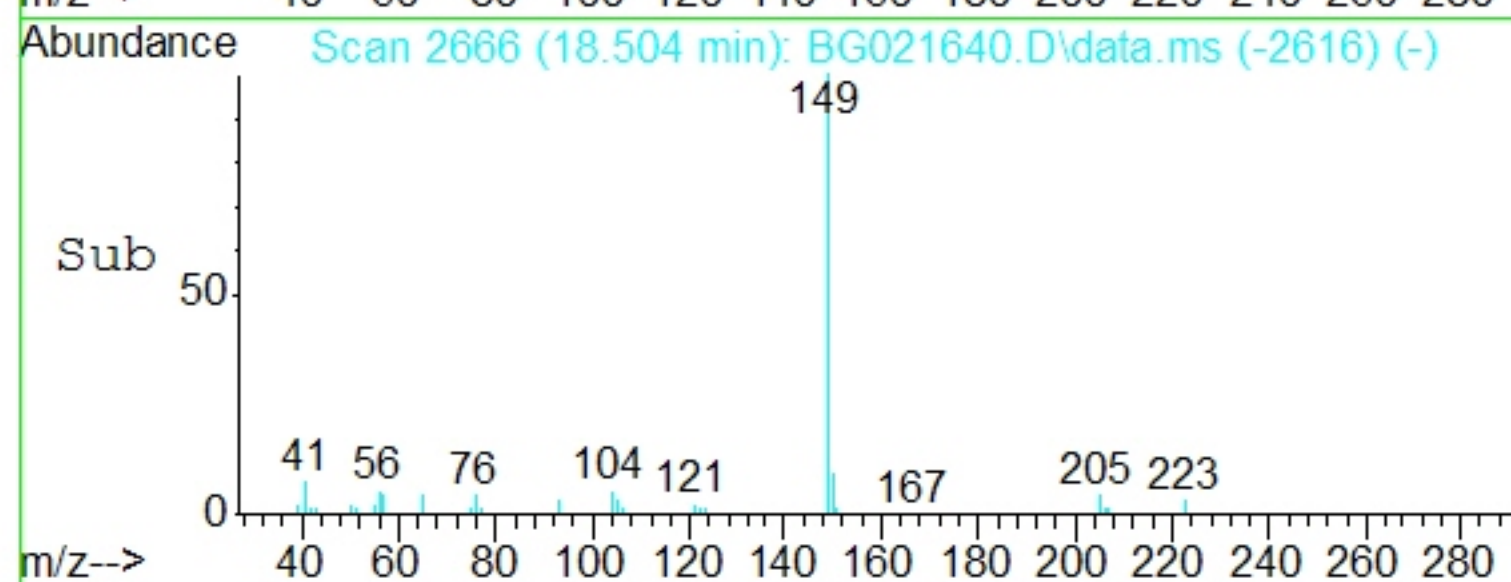
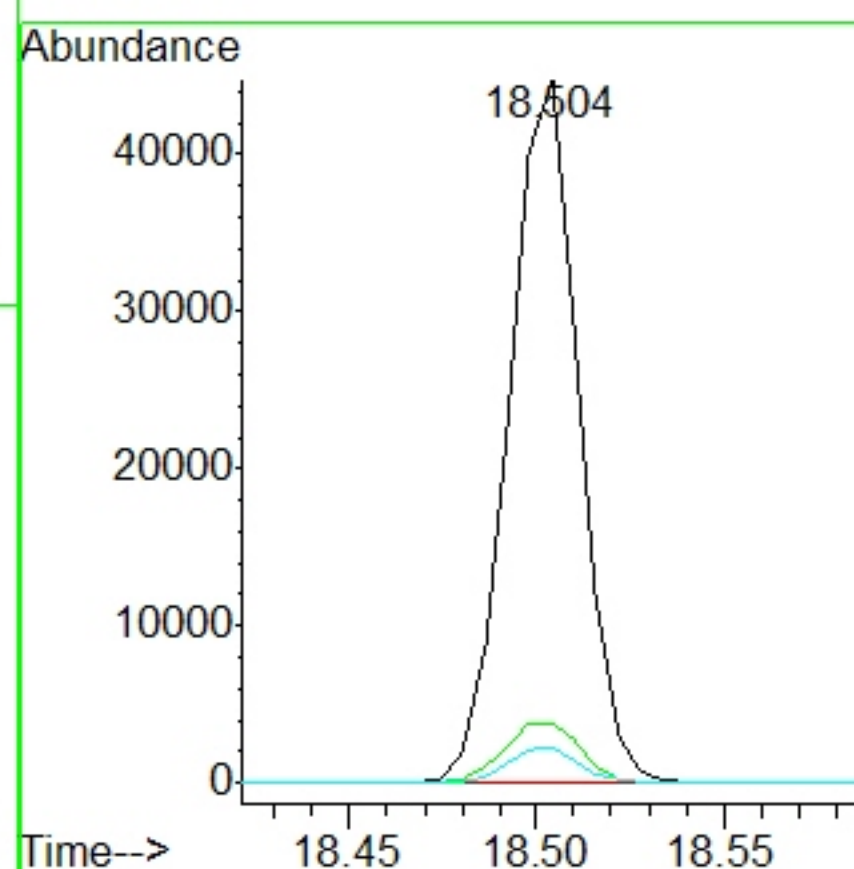
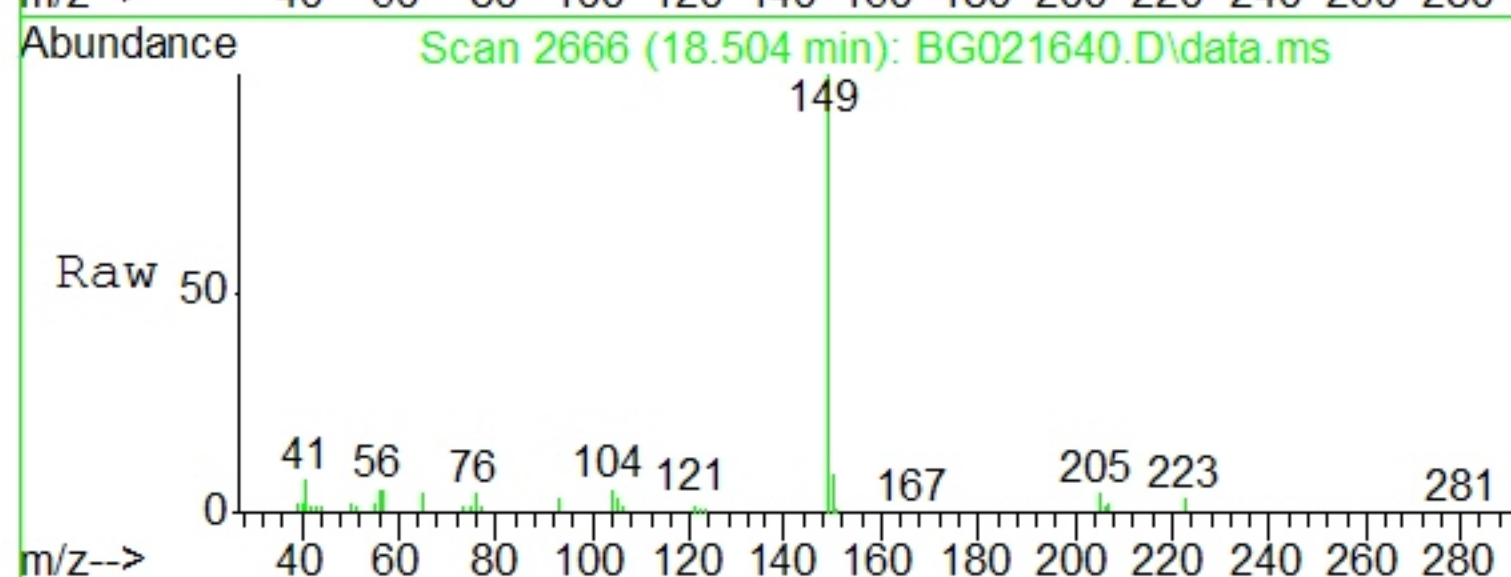






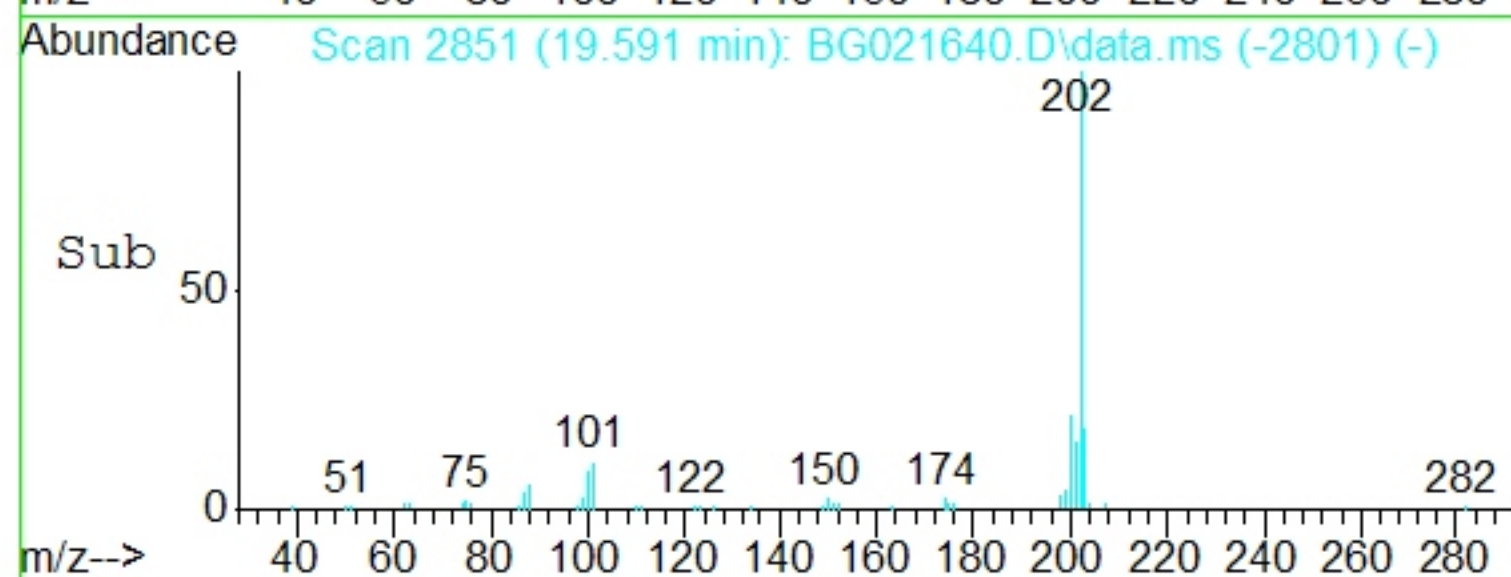
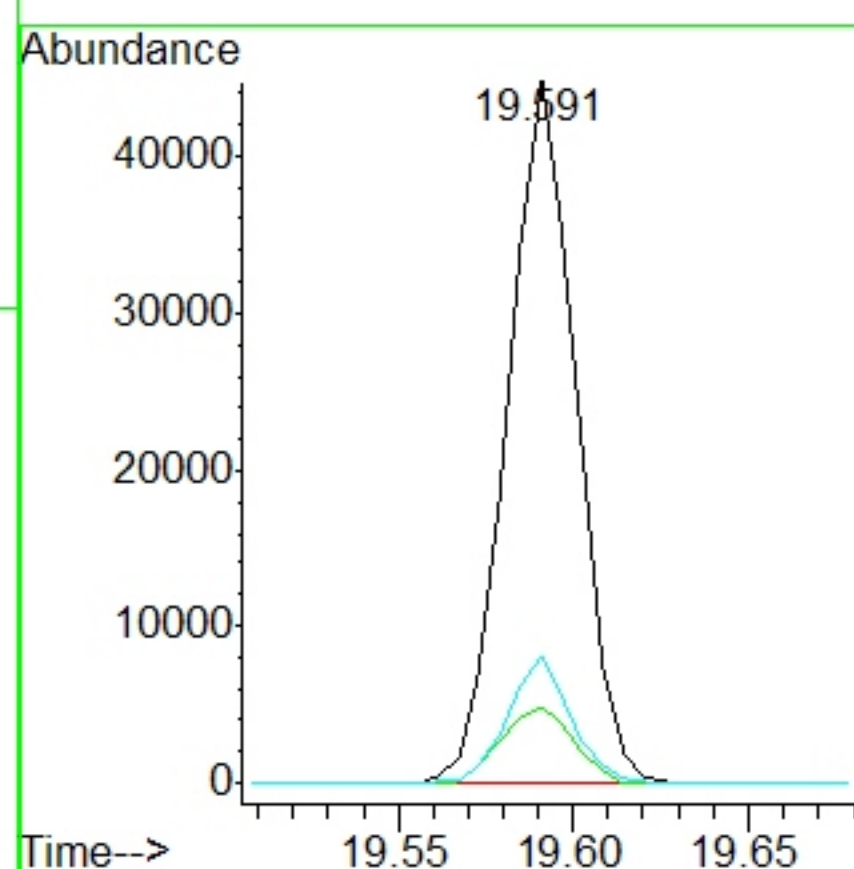
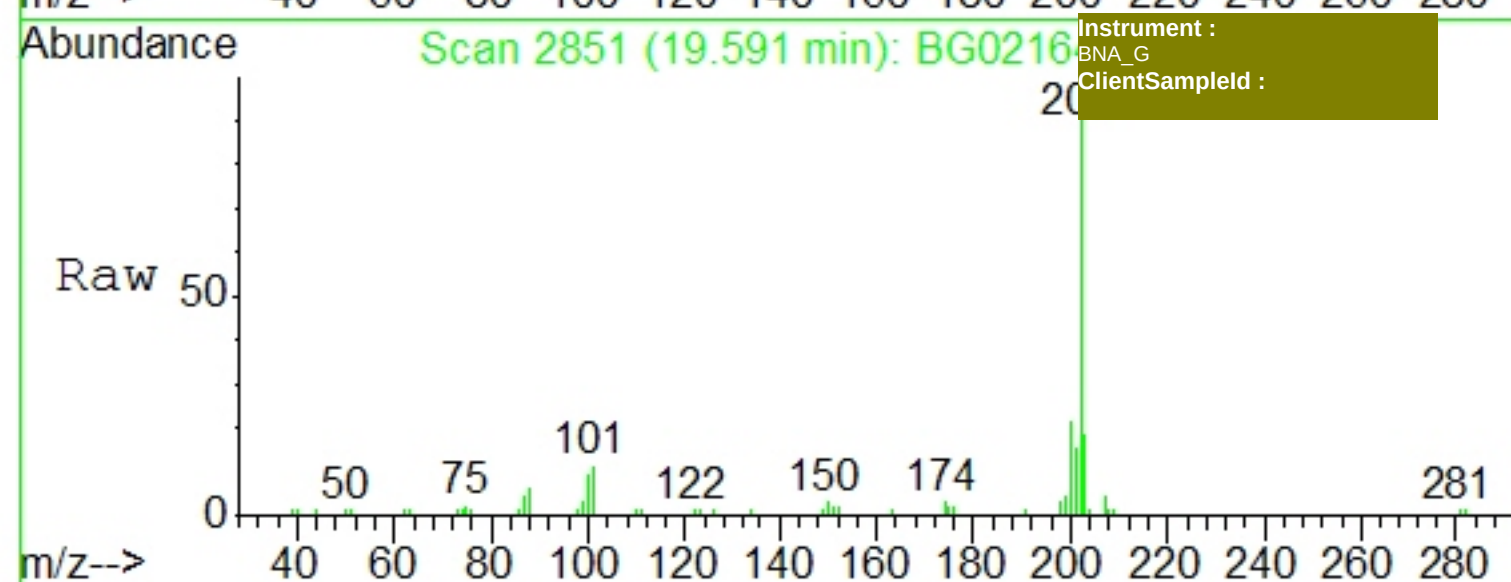
#73  
Di-n-butylphthalate  
Concen: 4.00 ng  
RT: 18.504 min Scan# 2666  
Delta R.T. -0.006 min  
Lab File: BG021640.D  
Acq: 14 Apr 2016 4:58

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 149     | 100   |       |       |
| 150     | 8.5   | 7.4   | 11.0  |
| 104     | 4.8   | 4.0   | 6.0   |

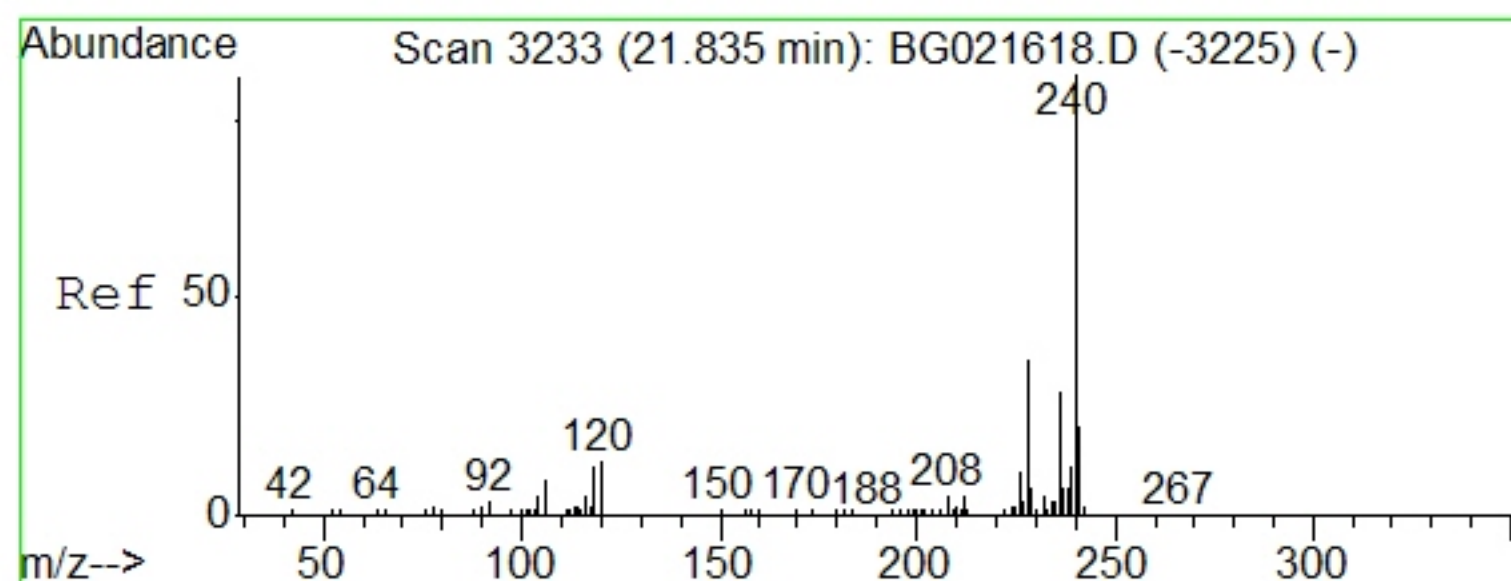


#74  
Fluoranthene  
Concen: 4.28 ng  
RT: 19.591 min Scan# 2851  
Delta R.T. -0.006 min  
Lab File: BG021640.D  
Acq: 14 Apr 2016 4:58

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 202     | 100   |       |       |
| 101     | 10.9  | 0.0   | 31.0  |
| 203     | 18.1  | 0.0   | 37.9  |

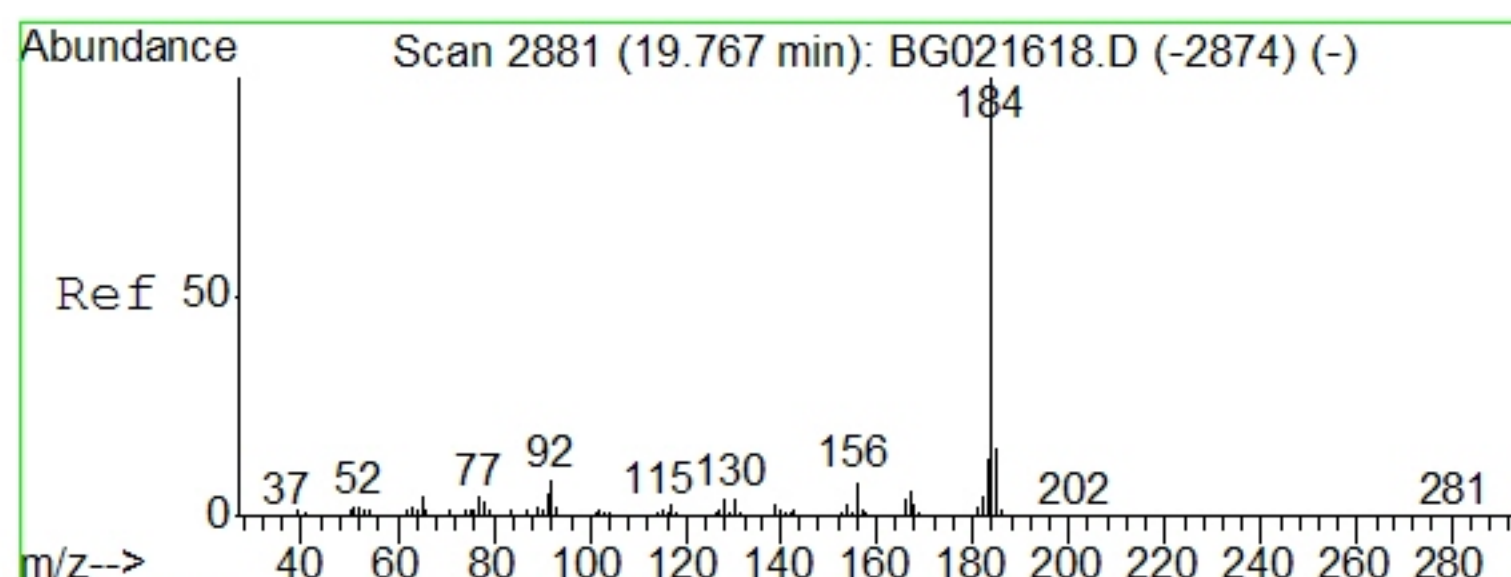
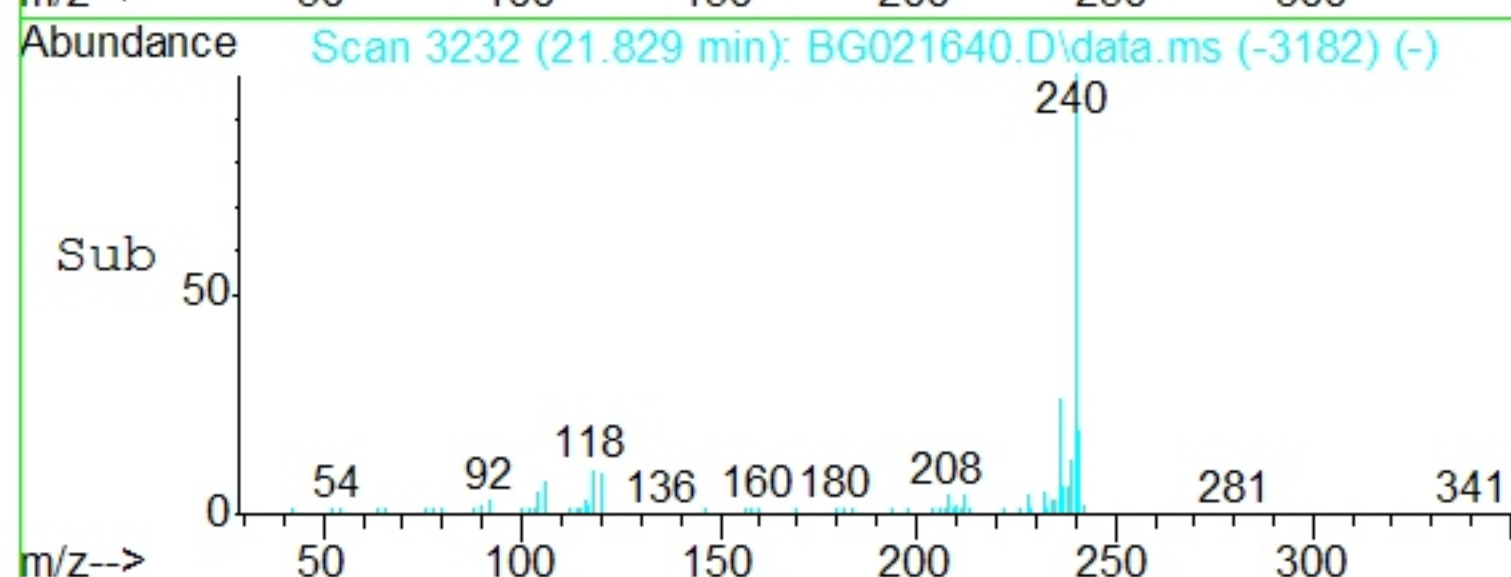
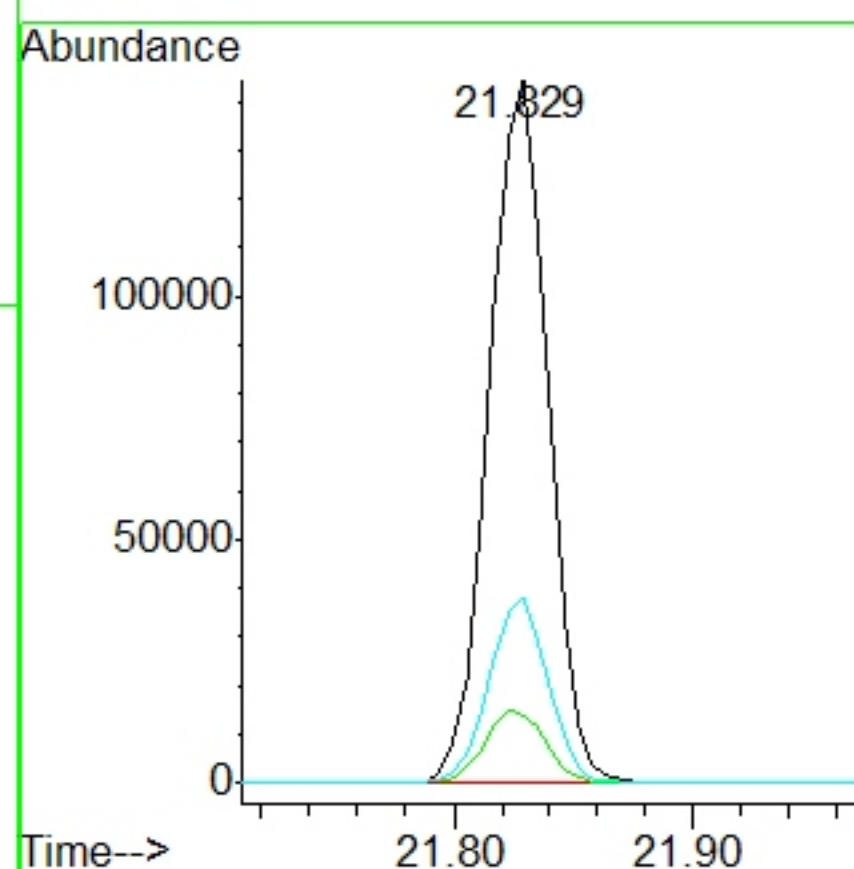
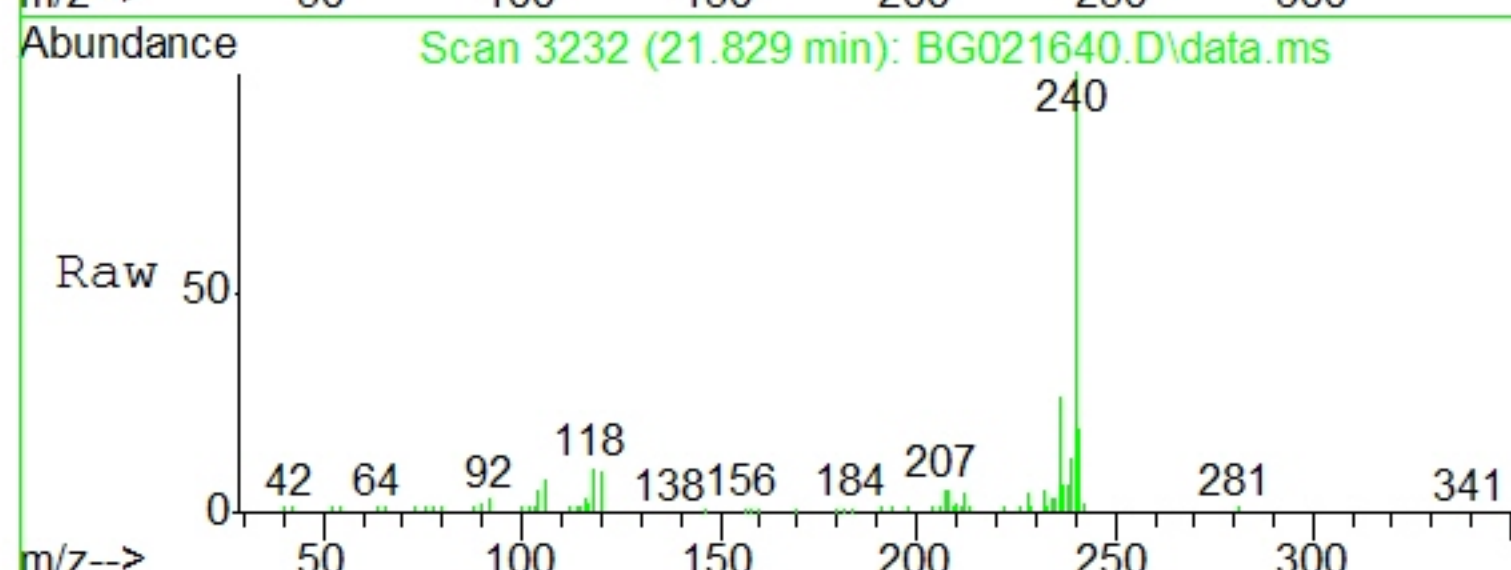






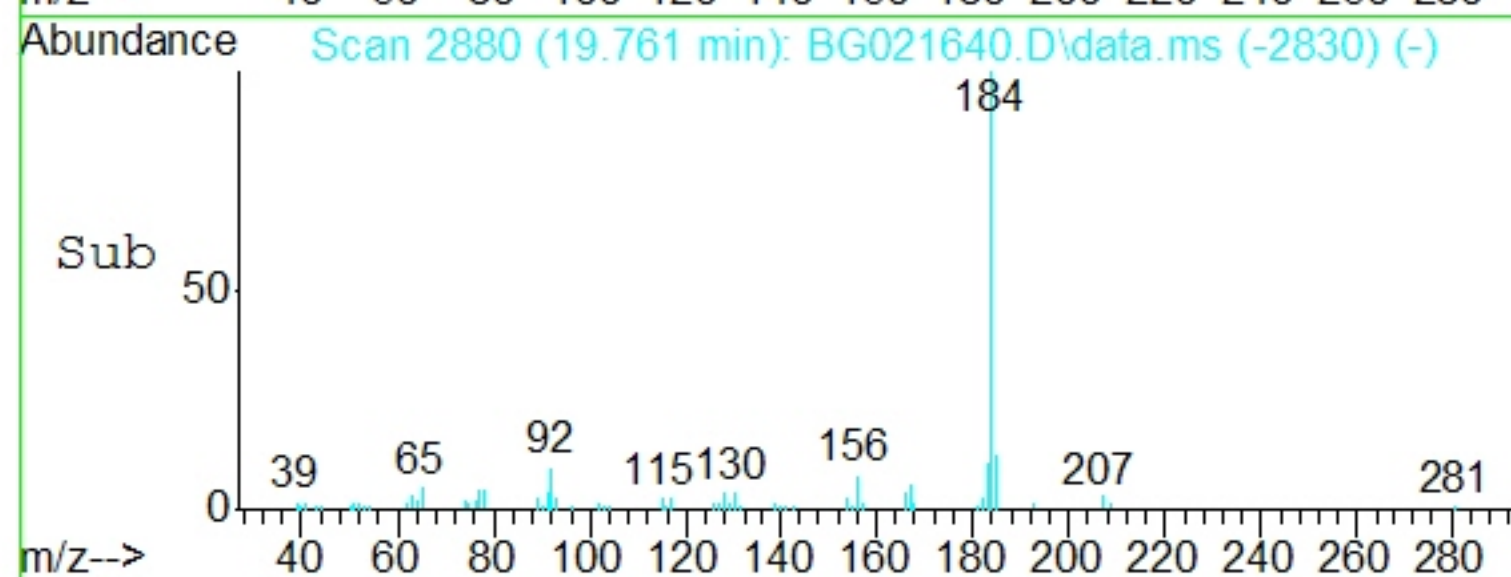
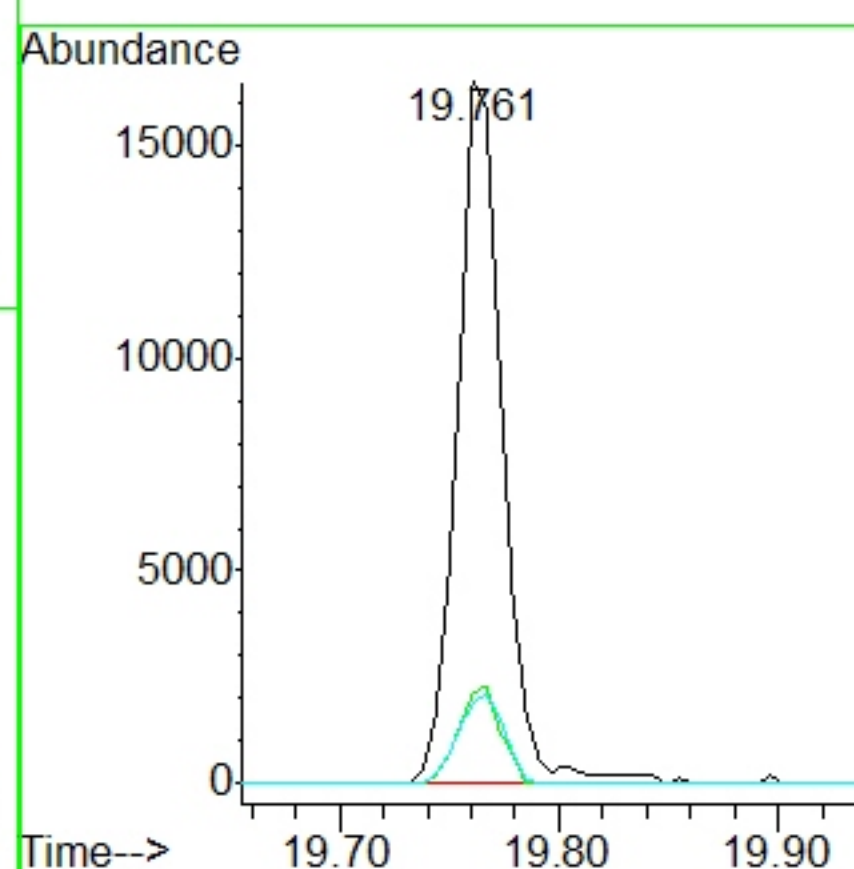
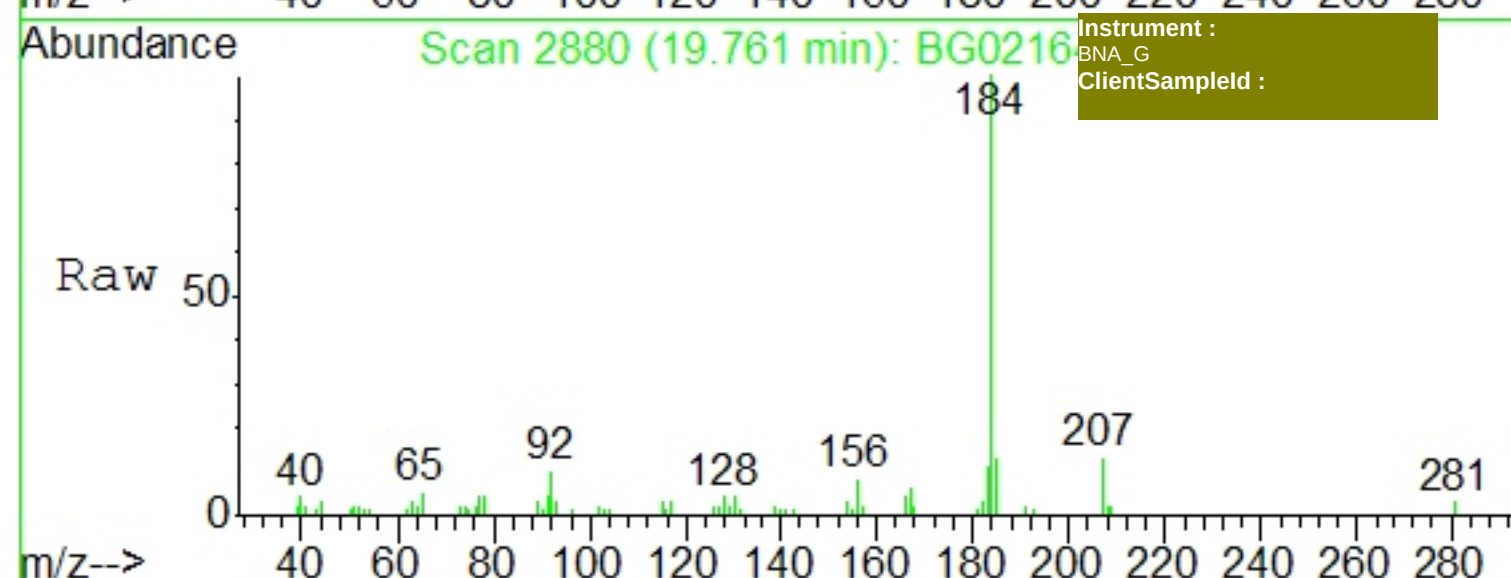
#75  
Chrysene-d12  
Concen: 20.00 ng  
RT: 21.829 min Scan# 3232  
Delta R.T. -0.006 min  
Lab File: BG021640.D  
Acq: 14 Apr 2016 4:58

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 240     | 100   |       |       |
| 120     | 9.5   | 8.4   | 12.6  |
| 236     | 26.3  | 19.6  | 29.4  |

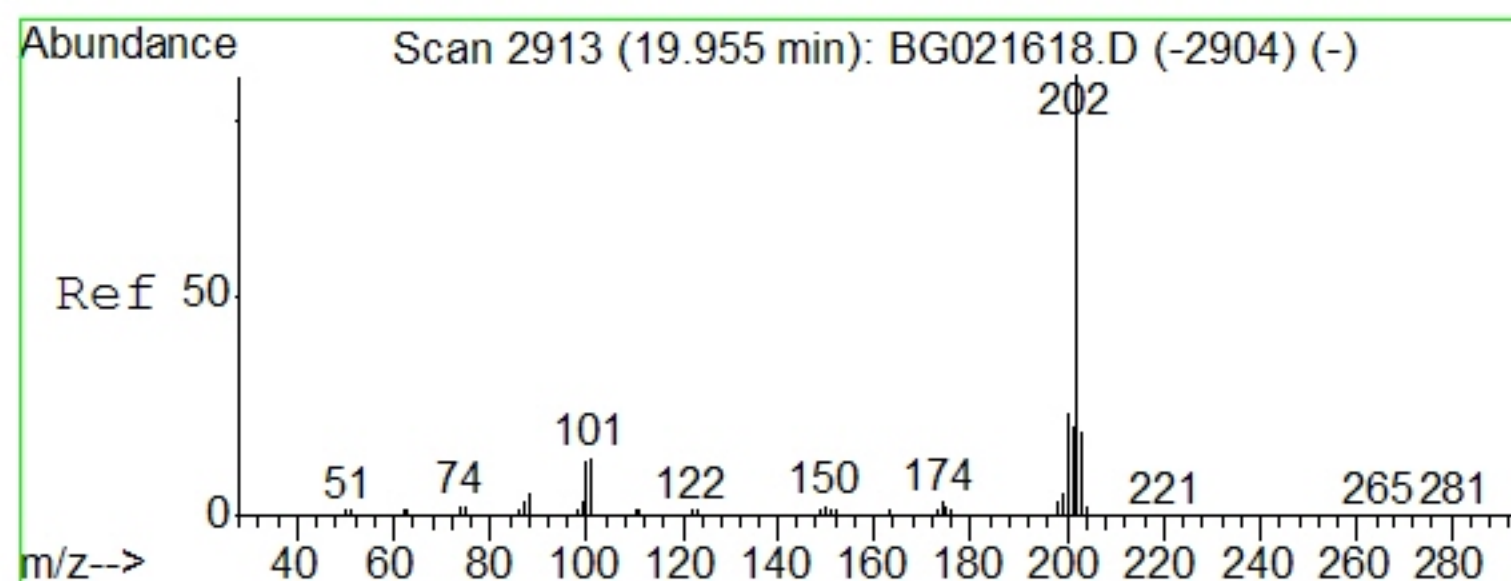


#76  
Benzidine  
Concen: 3.17 ng  
RT: 19.761 min Scan# 2880  
Delta R.T. -0.006 min  
Lab File: BG021640.D  
Acq: 14 Apr 2016 4:58

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 184     | 100   |       |       |
| 185     | 12.8  | 11.5  | 17.3  |
| 183     | 11.5  | 10.2  | 15.4  |

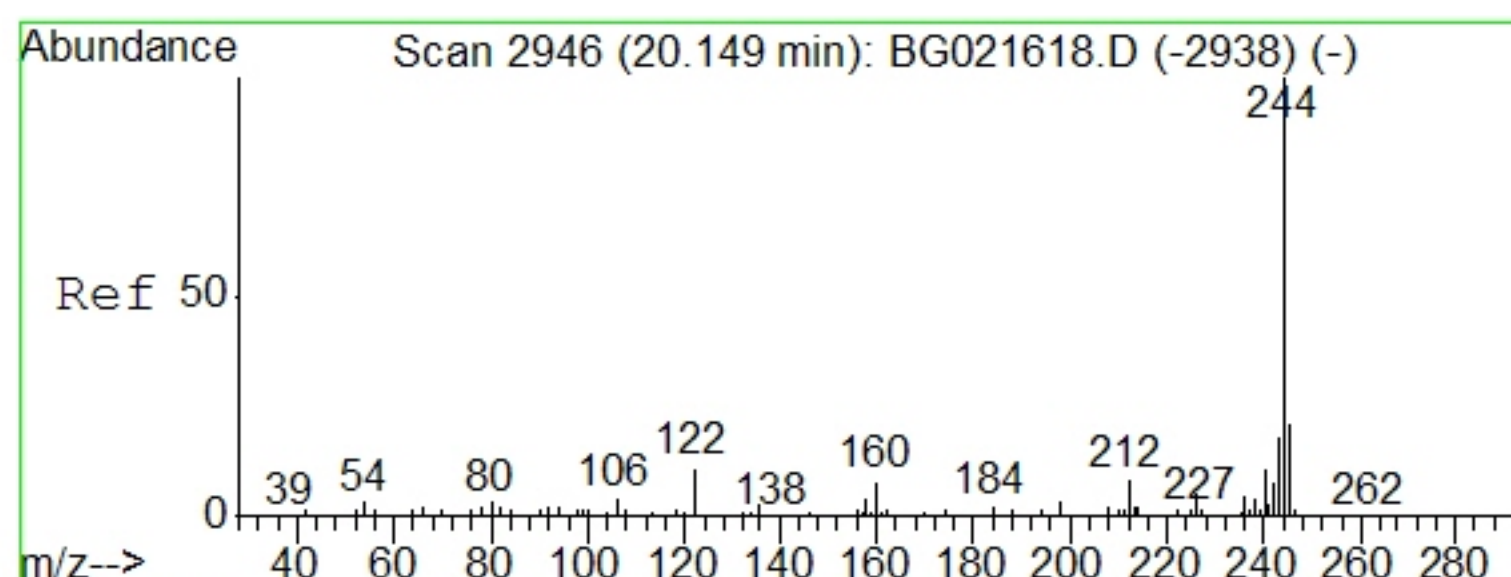
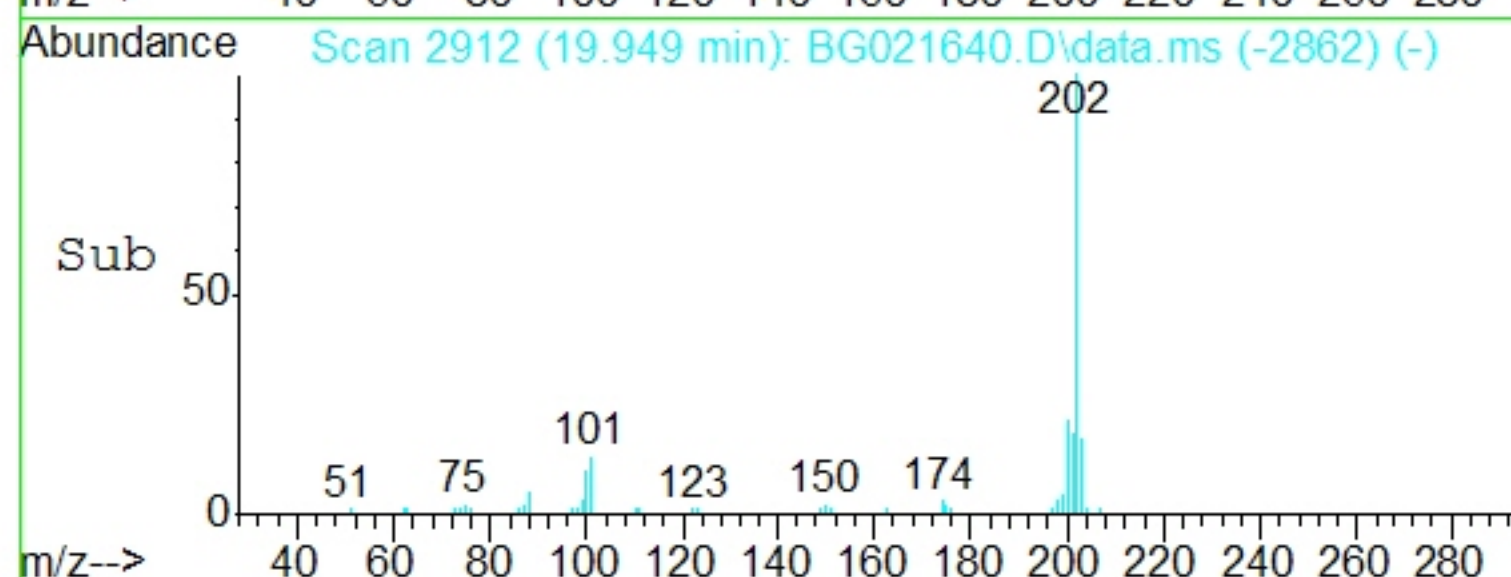
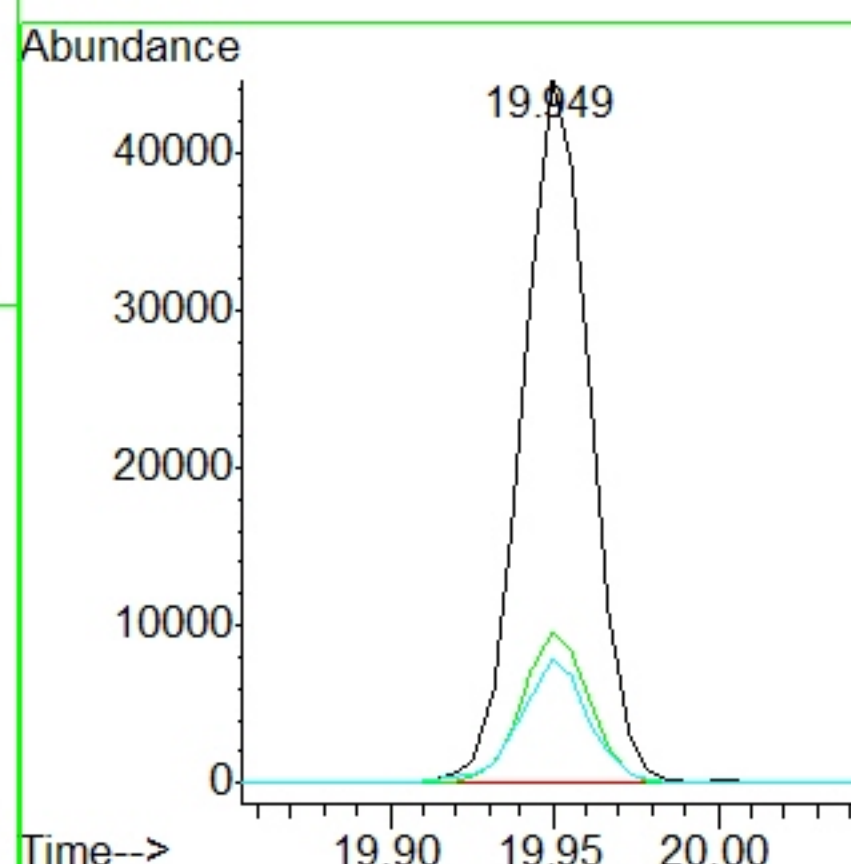
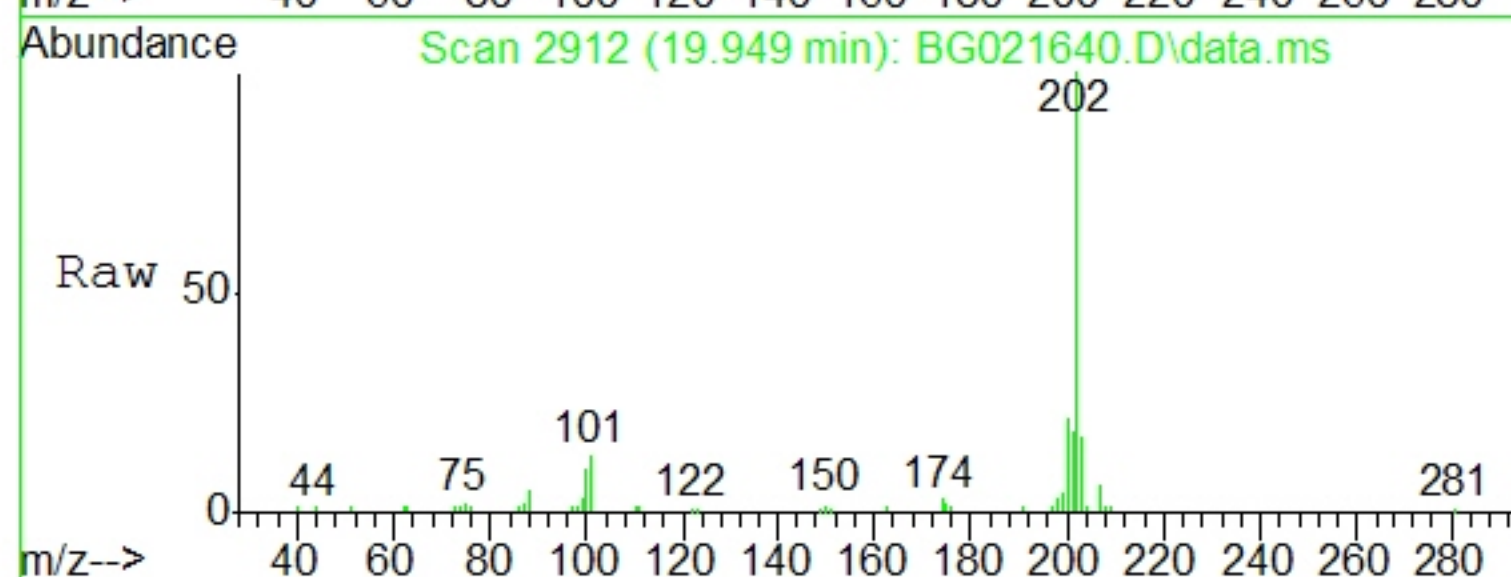






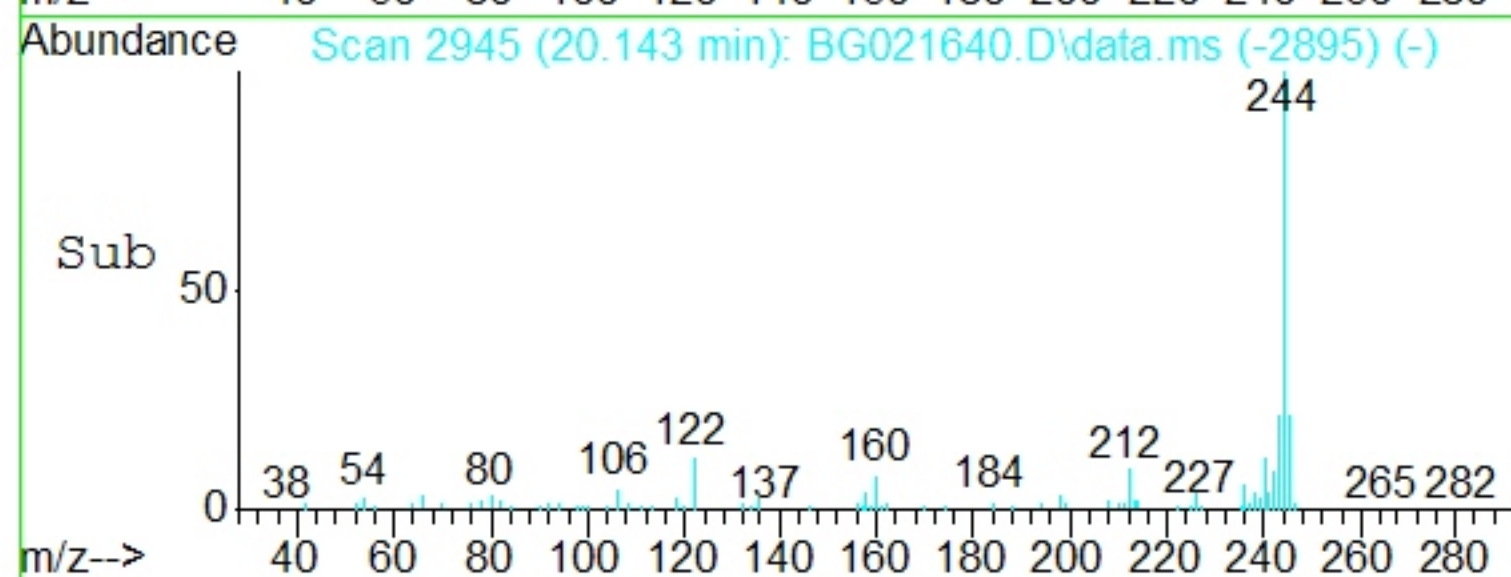
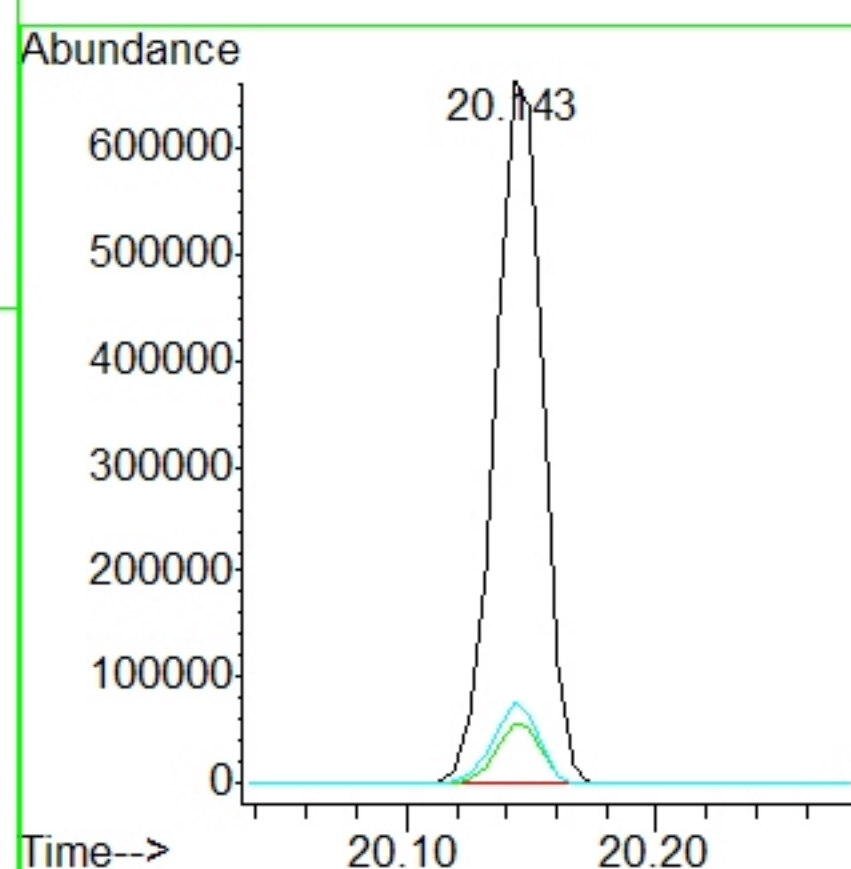
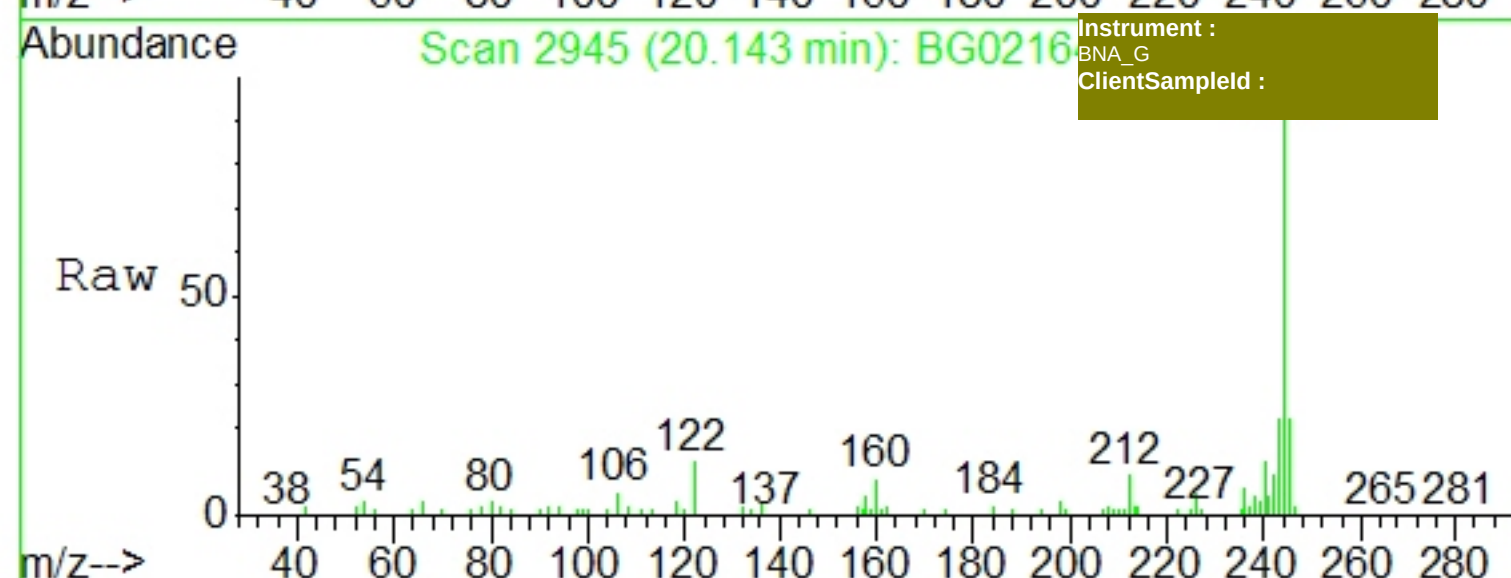
#77  
Pyrene  
Concen: 4.50 ng  
RT: 19.949 min Scan# 2912  
Delta R.T. -0.006 min  
Lab File: BG021640.D  
Acq: 14 Apr 2016 4:58

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 202   | Resp: | 63737 |
| Ion      | Ratio | Lower | Upper |
| 202      | 100   |       |       |
| 200      | 21.2  | 18.2  | 27.2  |
| 203      | 17.3  | 15.0  | 22.4  |

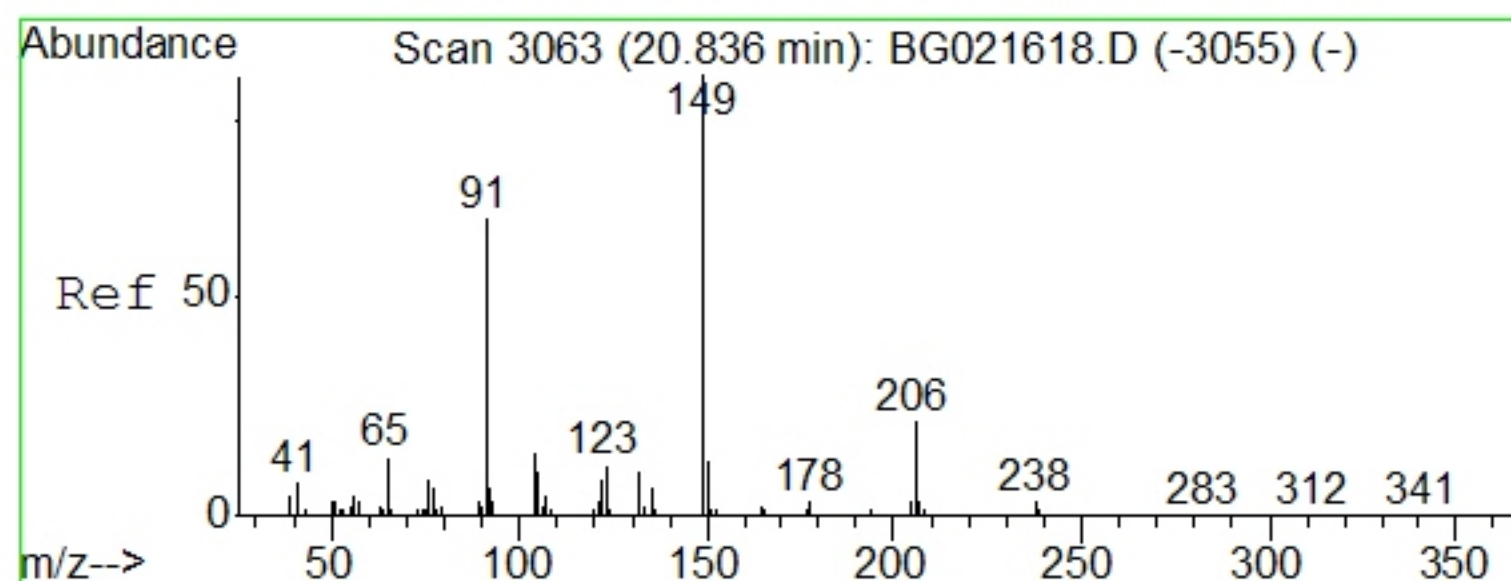


#78  
Terphenyl-d14  
Concen: 90.29 ng  
RT: 20.143 min Scan# 2945  
Delta R.T. -0.006 min  
Lab File: BG021640.D  
Acq: 14 Apr 2016 4:58

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 244   | Resp: | 888343 |
| Ion      | Ratio | Lower | Upper  |
| 244      | 100   |       |        |
| 212      | 8.7   | 6.5   | 9.7    |
| 122      | 11.9  | 8.6   | 12.8   |

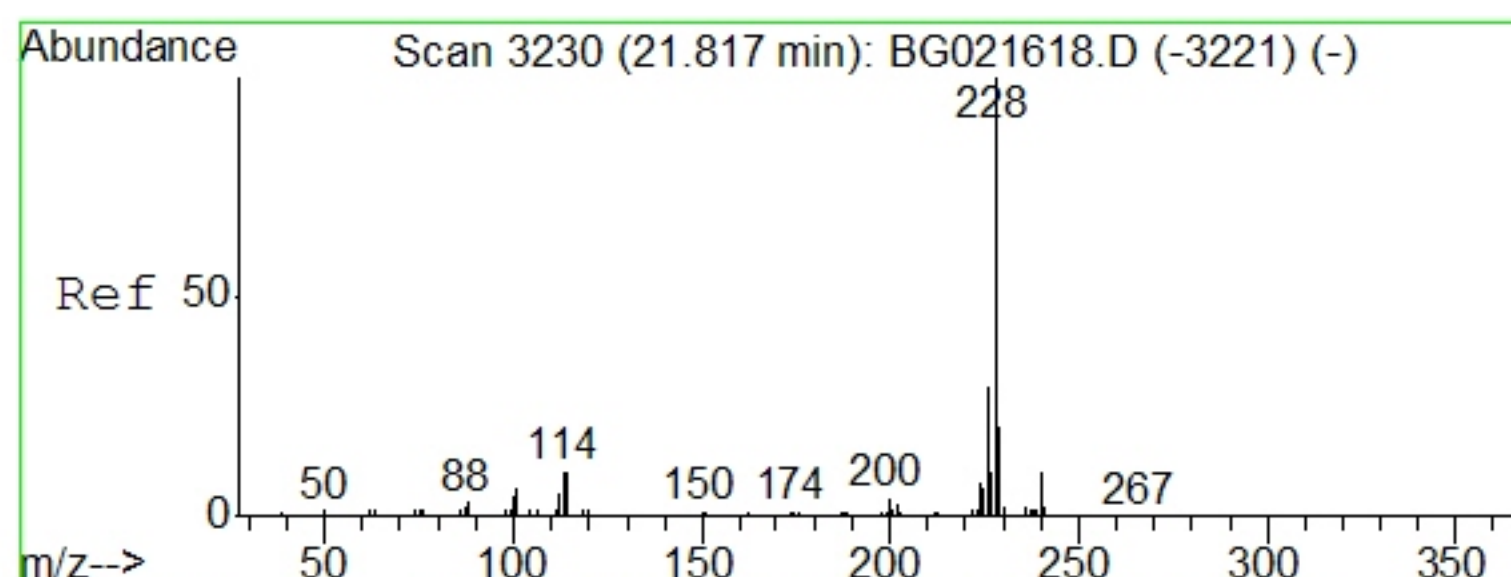
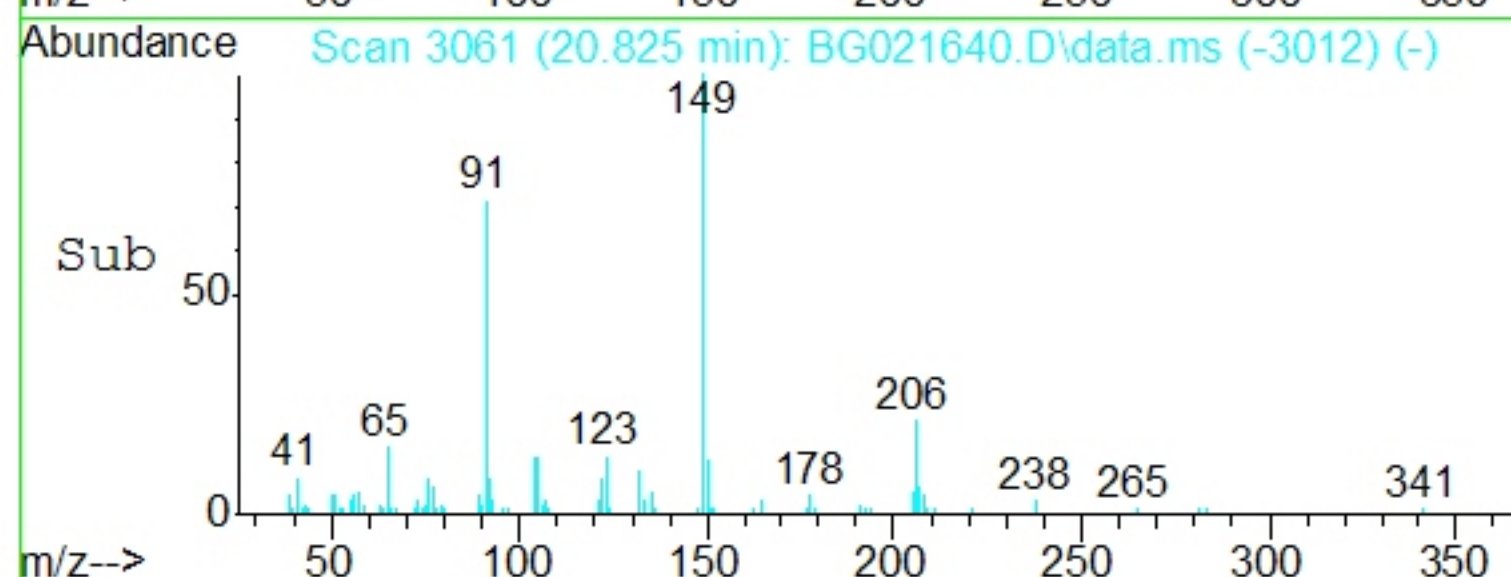
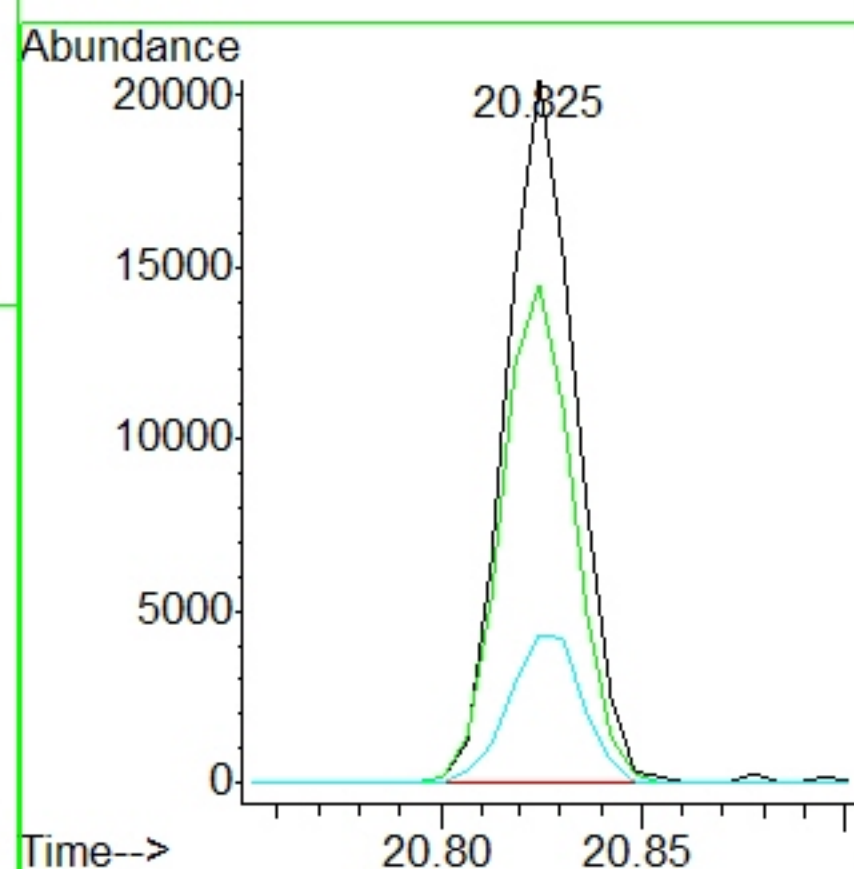
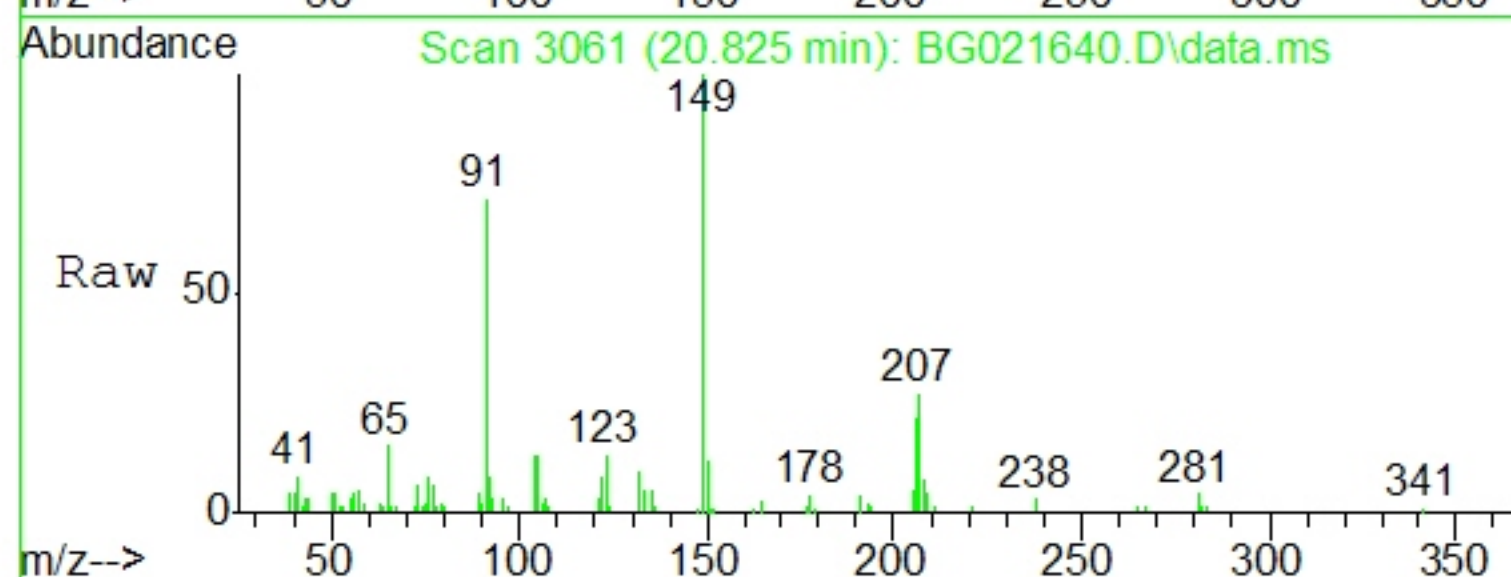






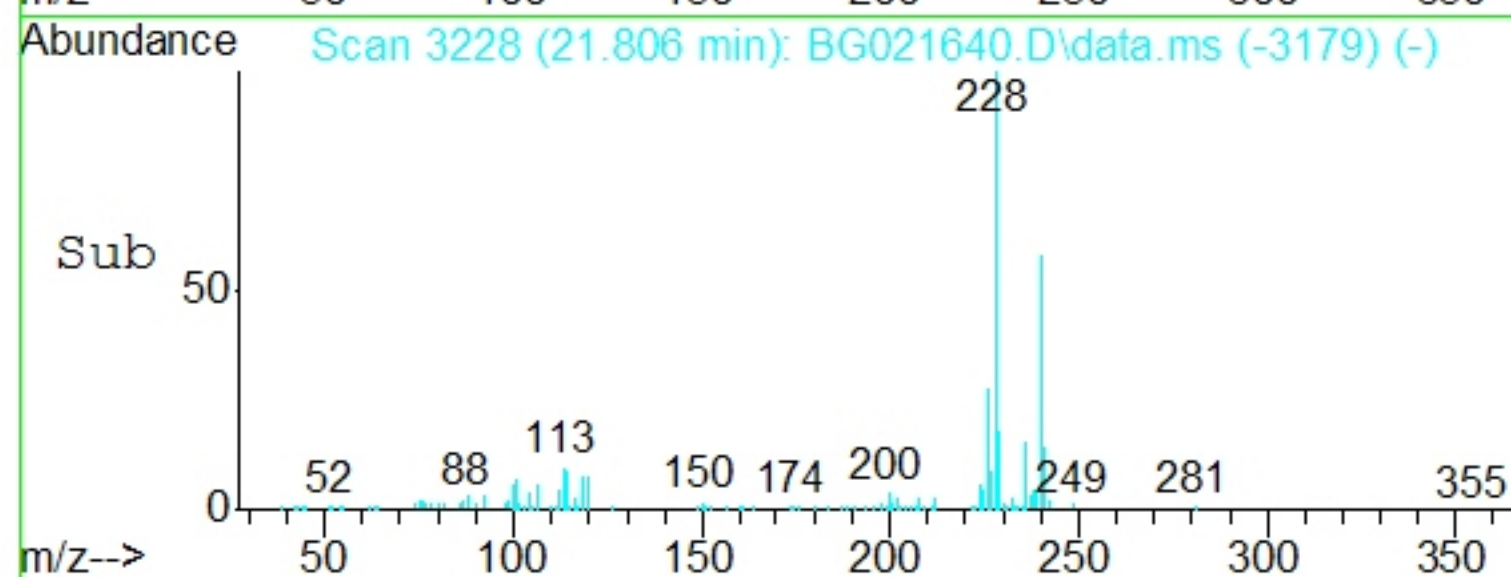
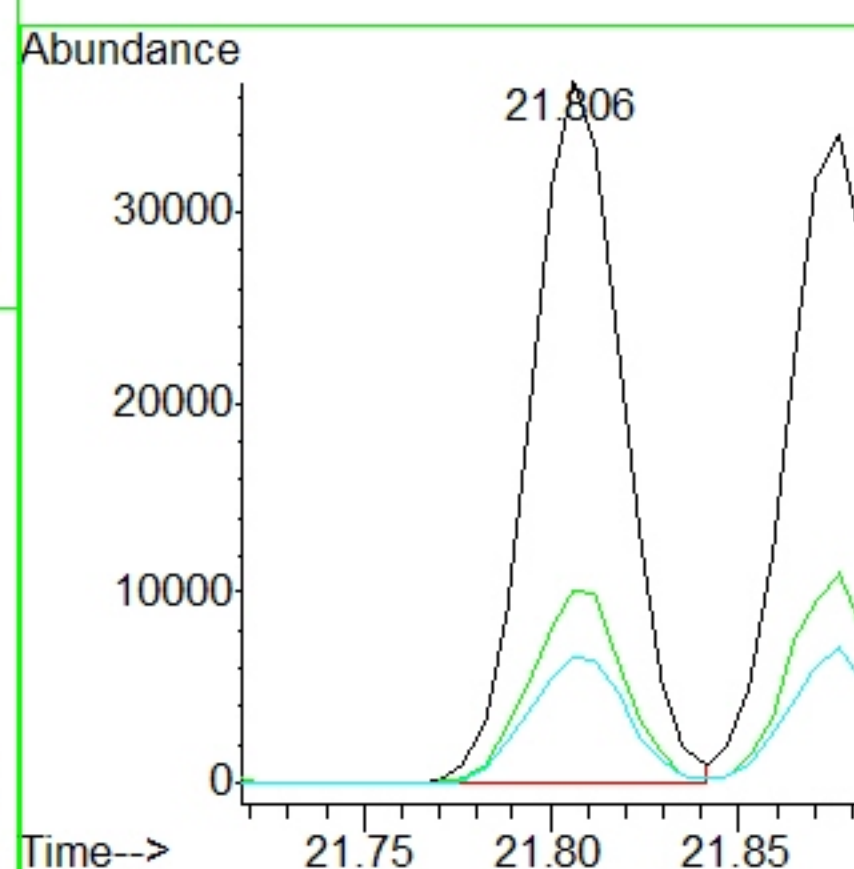
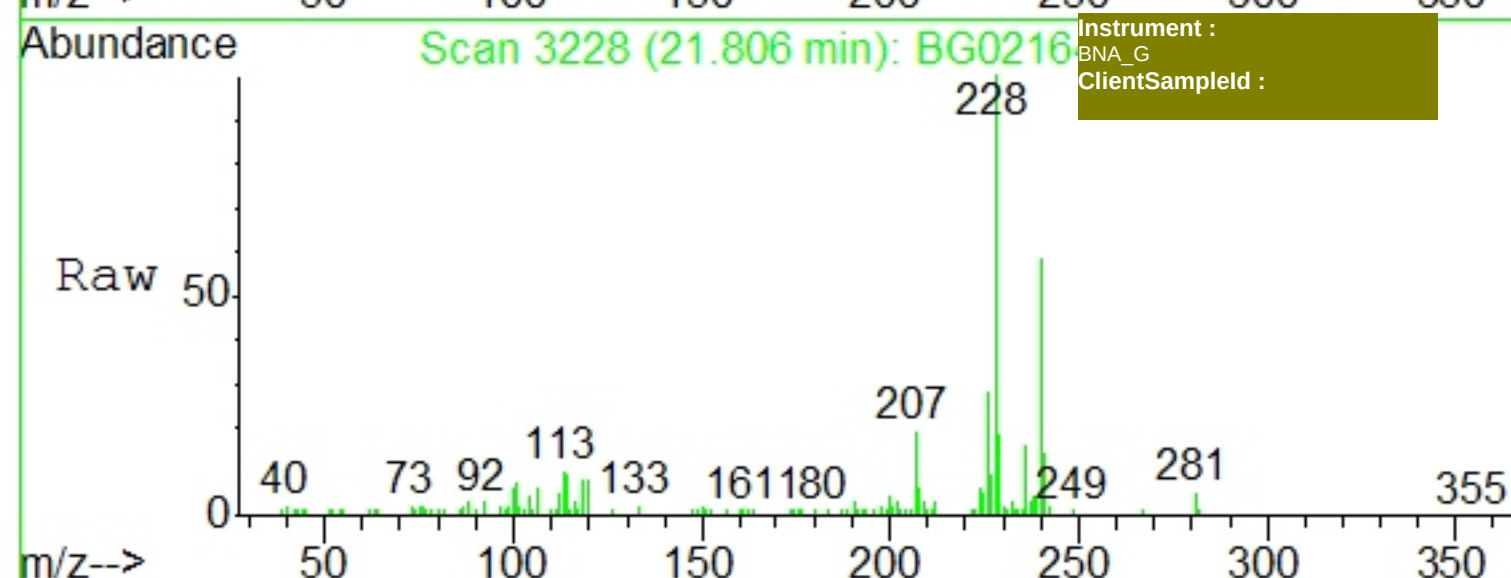
#79  
Butylbenzylphthalate  
Concen: 3.73 ng  
RT: 20.825 min Scan# 3061  
Delta R.T. -0.011 min  
Lab File: BG021640.D  
Acq: 14 Apr 2016 4:58

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 149   | Resp: | 24522 |
| Ion      | Ratio | Lower | Upper |
| 149      | 100   |       |       |
| 91       | 70.9  | 57.8  | 86.8  |
| 206      | 20.9  | 17.0  | 25.4  |

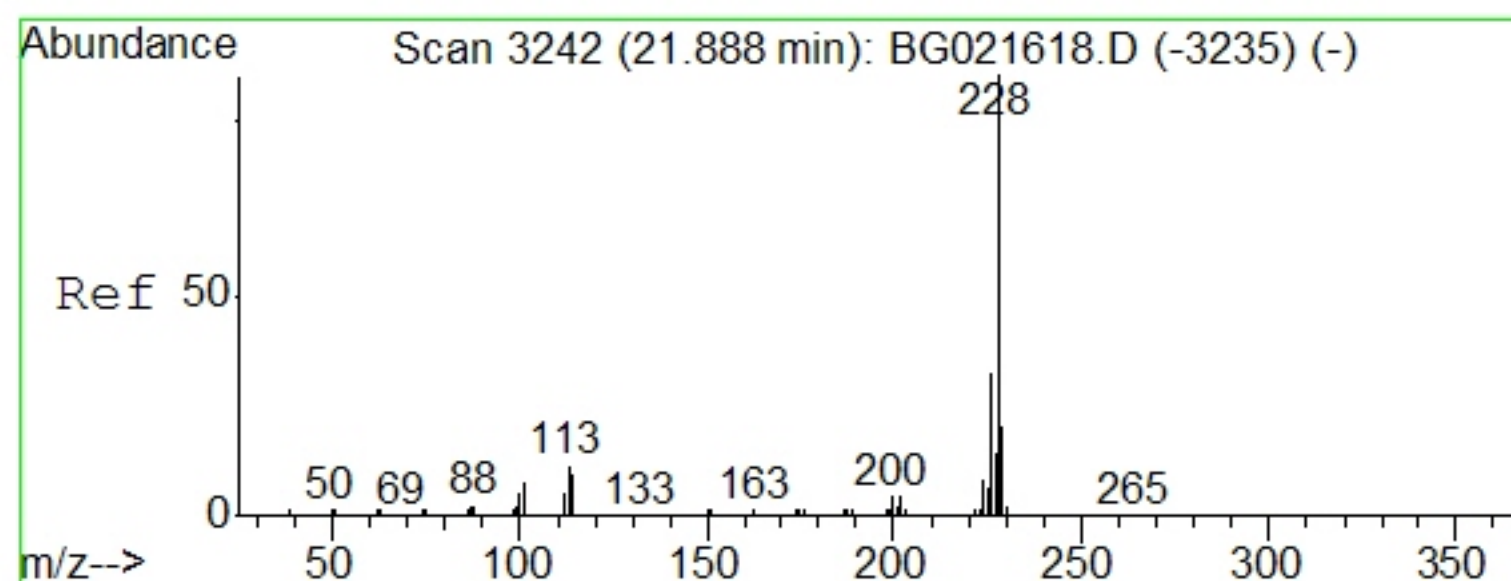


#80  
Benzo(a)anthracene  
Concen: 4.45 ng  
RT: 21.806 min Scan# 3228  
Delta R.T. -0.011 min  
Lab File: BG021640.D  
Acq: 14 Apr 2016 4:58

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 228   | Resp: | 62858 |
| Ion      | Ratio | Lower | Upper |
| 228      | 100   |       |       |
| 226      | 27.6  | 22.6  | 34.0  |
| 229      | 18.4  | 16.1  | 24.1  |

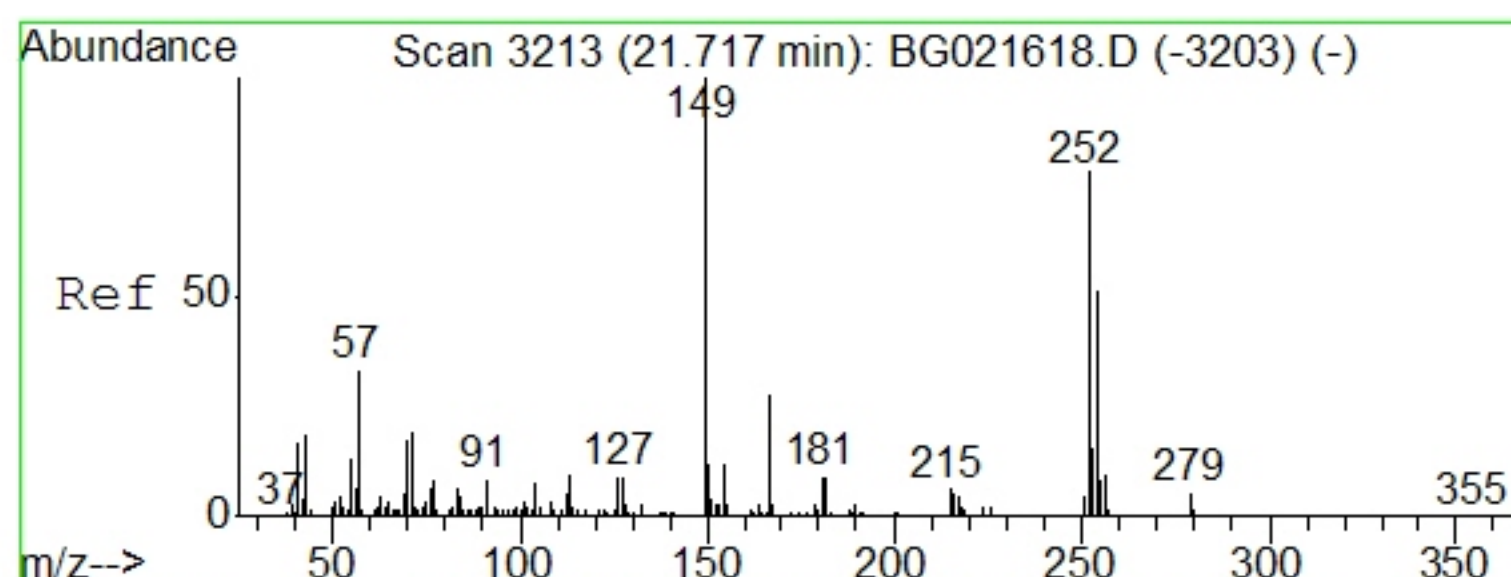
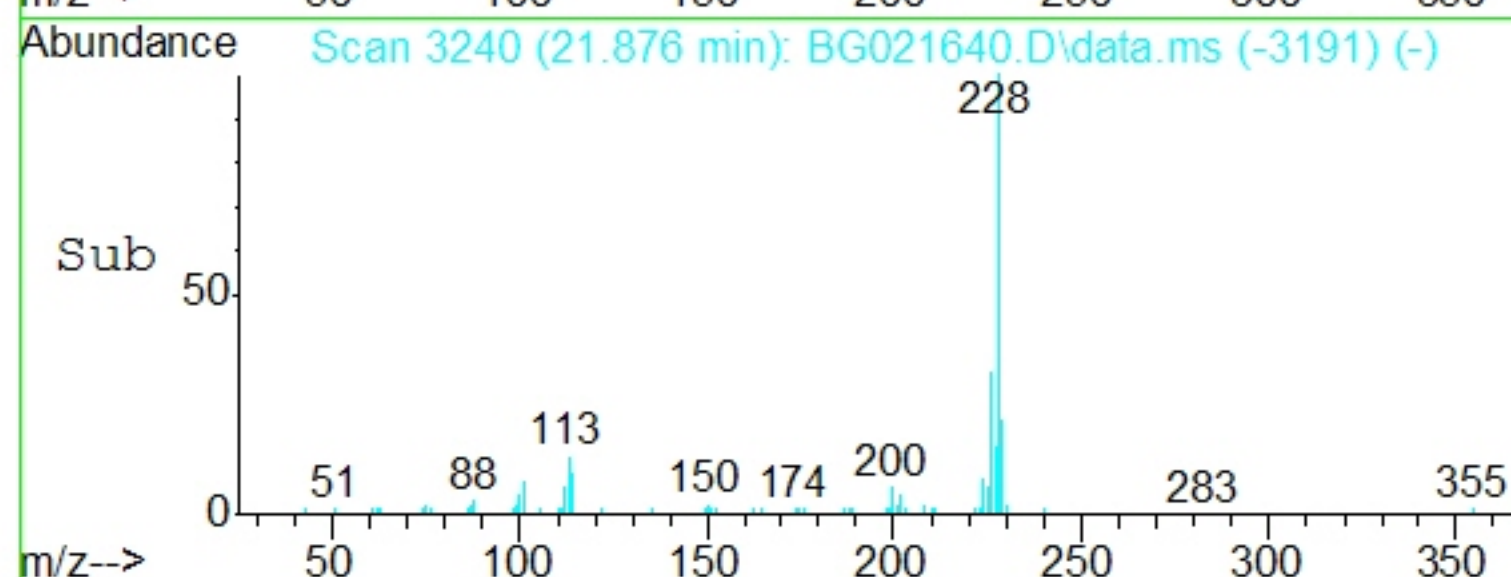
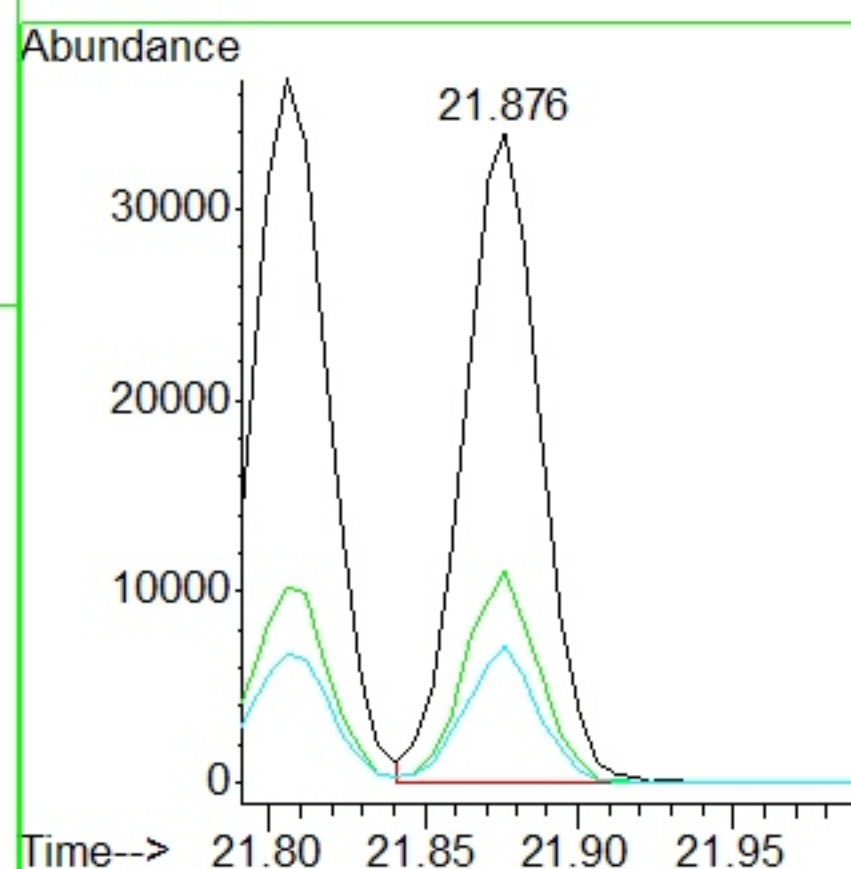
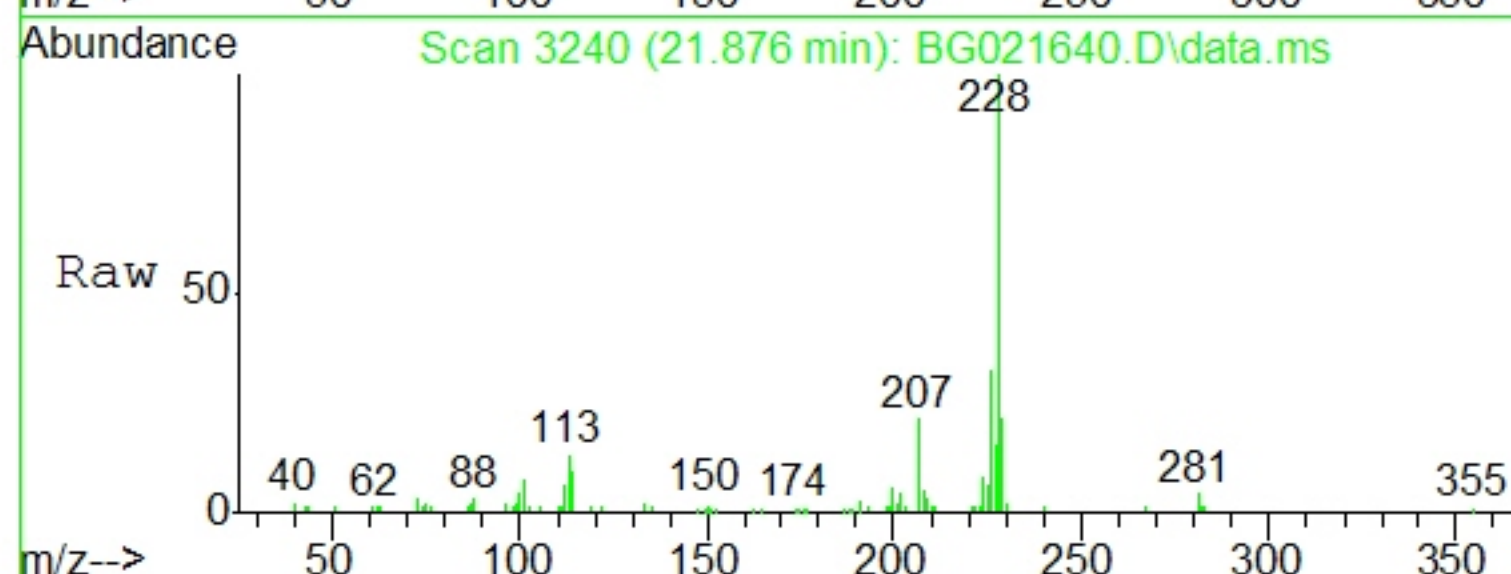






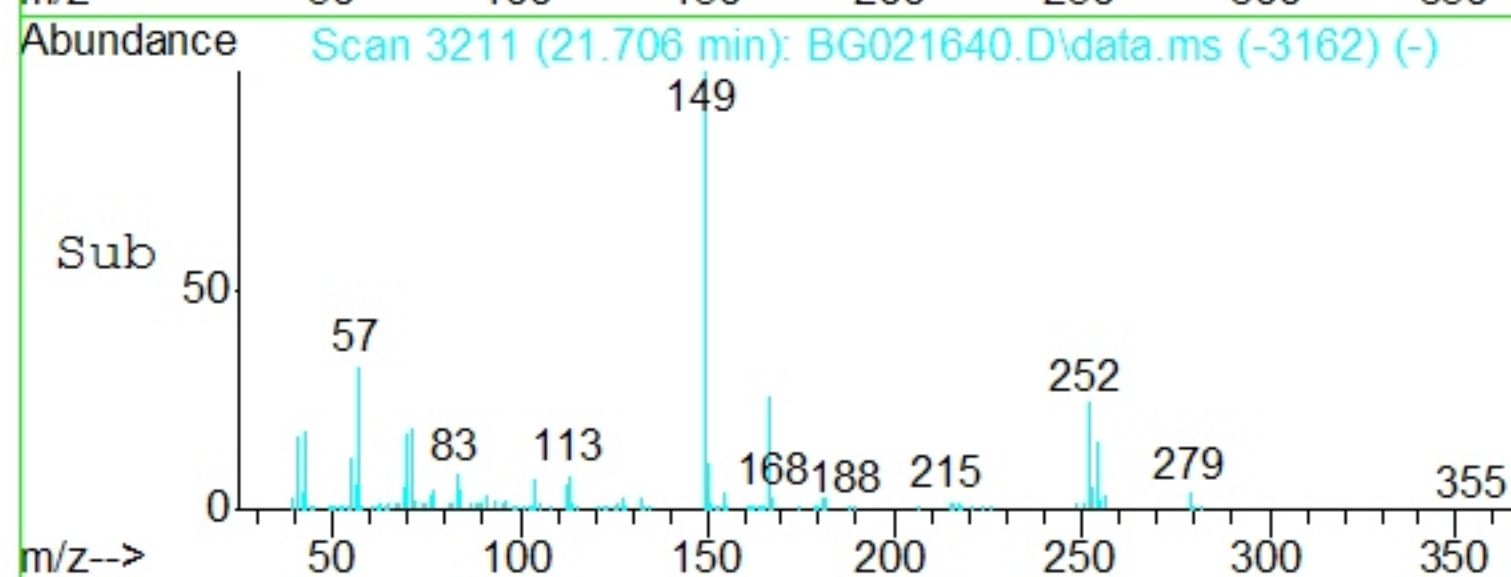
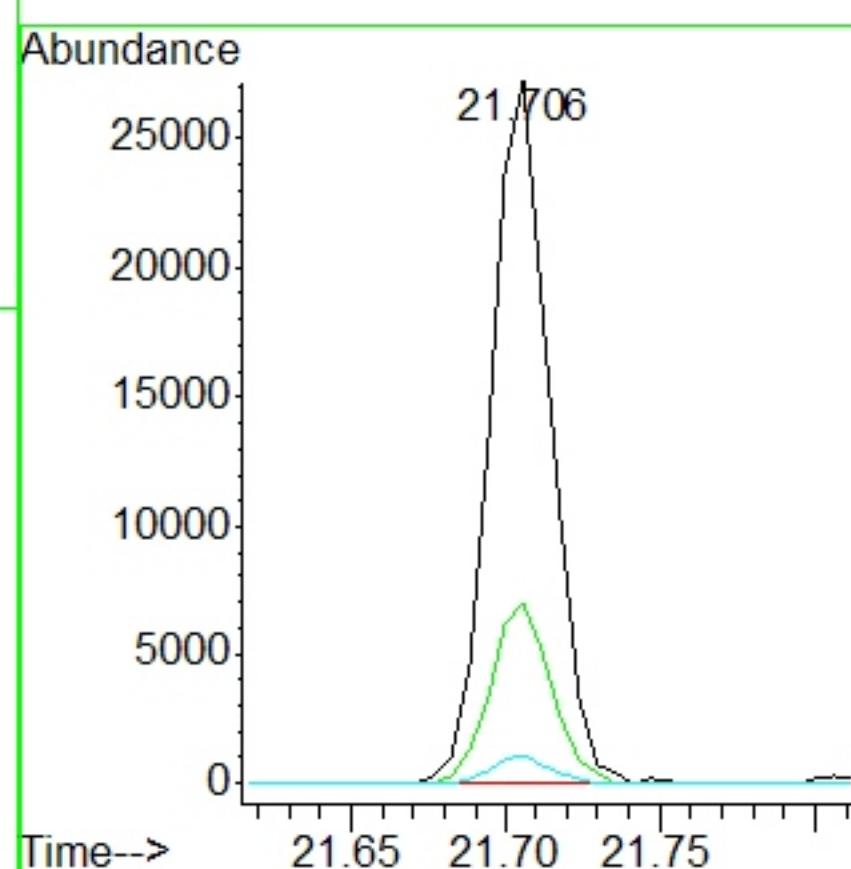
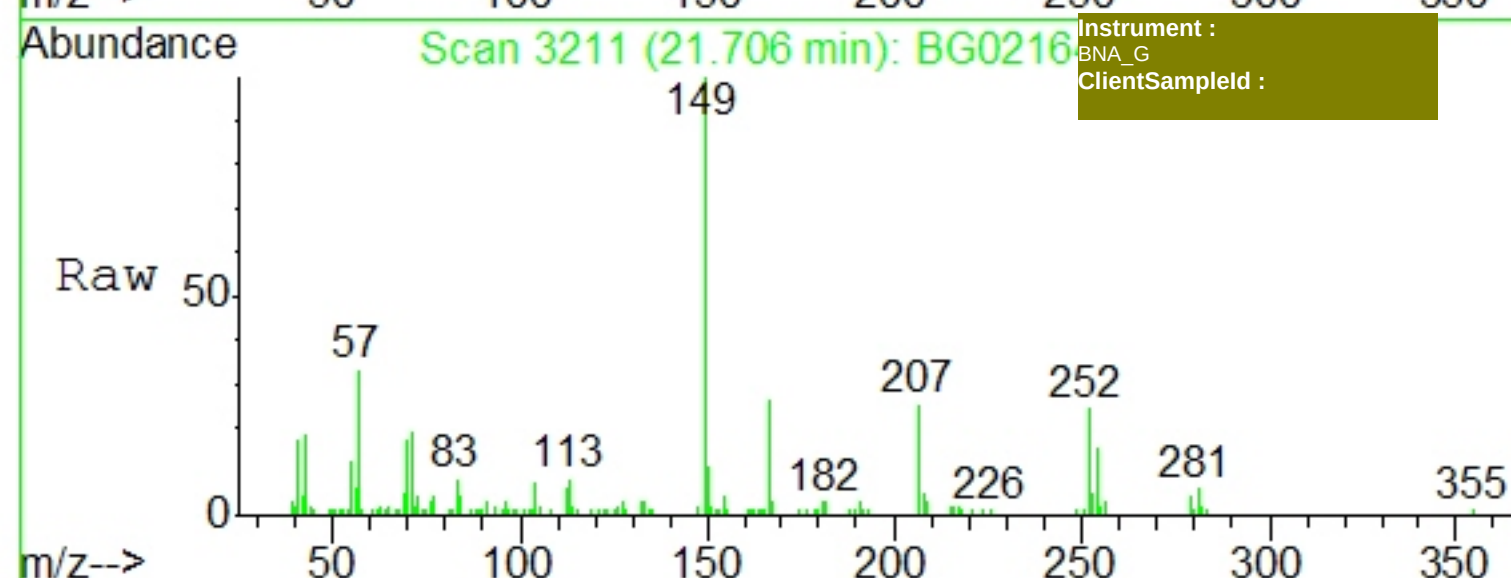
#82  
Chrysene  
Concen: 4.35 ng  
RT: 21.876 min Scan# 3240  
Delta R.T. -0.011 min  
Lab File: BG021640.D  
Acq: 14 Apr 2016 4:58

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 228   | Resp: | 59005 |
| Ion      | Ratio | Lower | Upper |
| 228      | 100   |       |       |
| 226      | 32.3  | 25.4  | 38.0  |
| 229      | 20.8  | 15.9  | 23.9  |

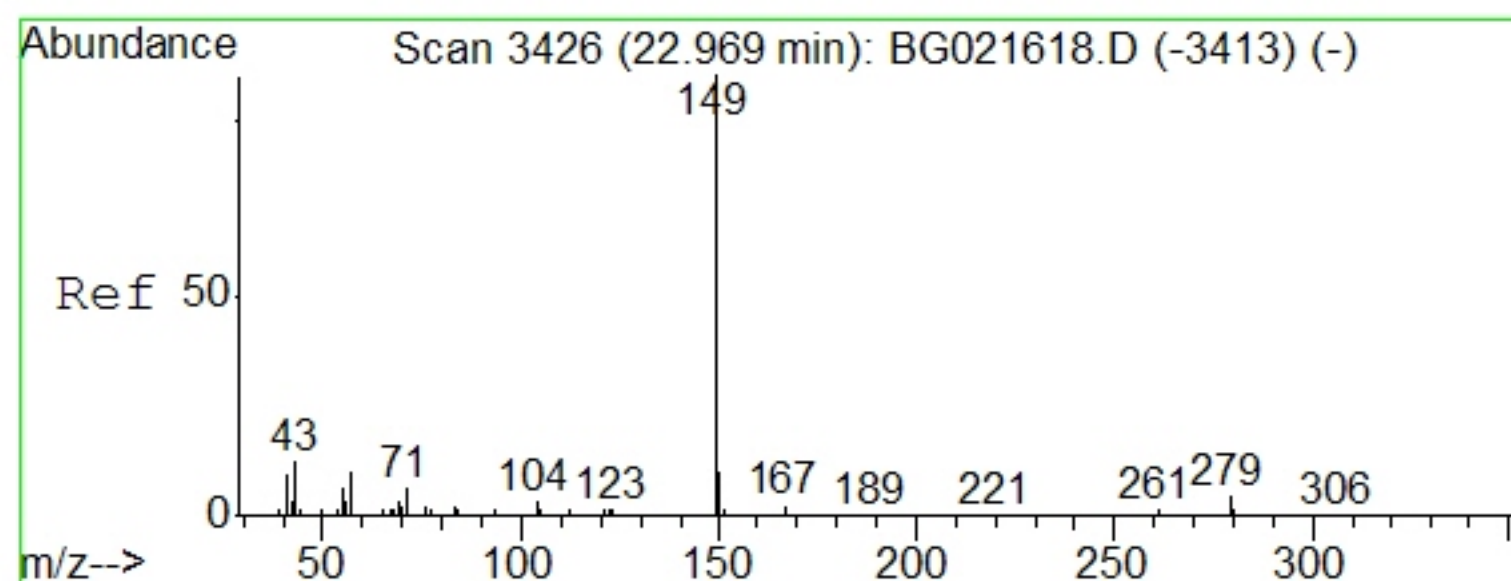


#83  
Bis(2-ethylhexyl)phthalate  
Concen: 3.81 ng  
RT: 21.706 min Scan# 3211  
Delta R.T. -0.011 min  
Lab File: BG021640.D  
Acq: 14 Apr 2016 4:58

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 149   | Resp: | 36664 |
| Ion      | Ratio | Lower | Upper |
| 149      | 100   |       |       |
| 167      | 25.9  | 22.4  | 33.6  |
| 279      | 4.3   | 3.2   | 4.8   |

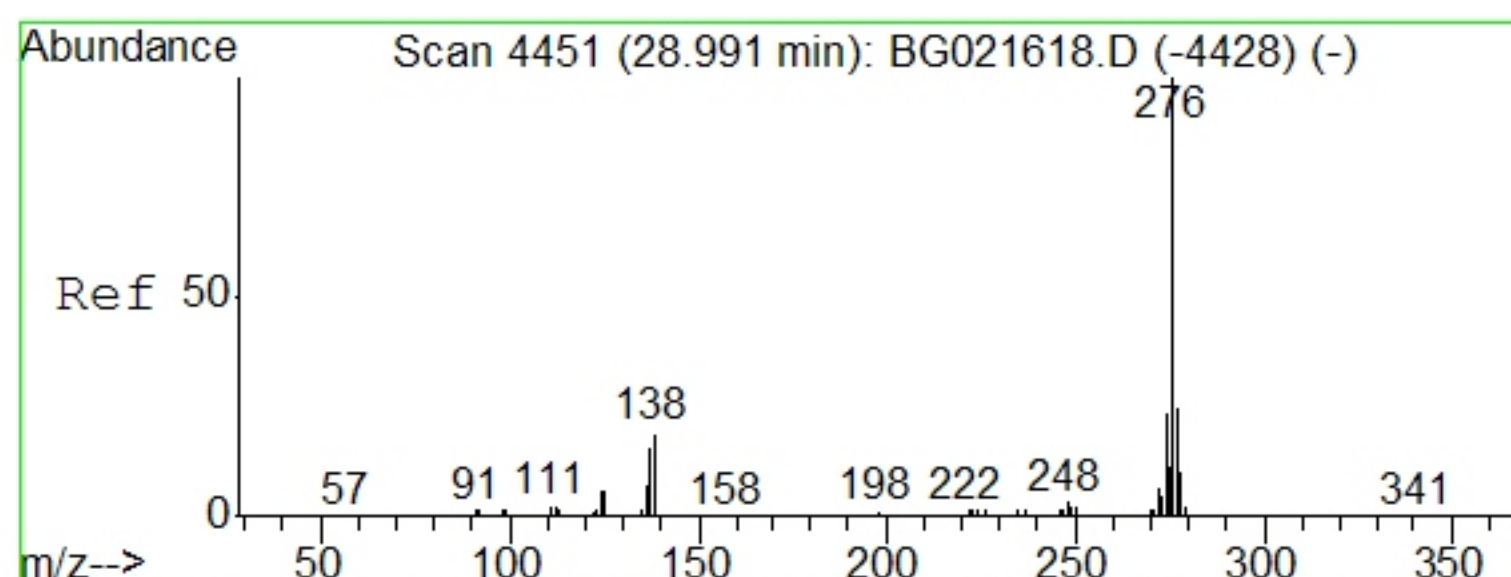
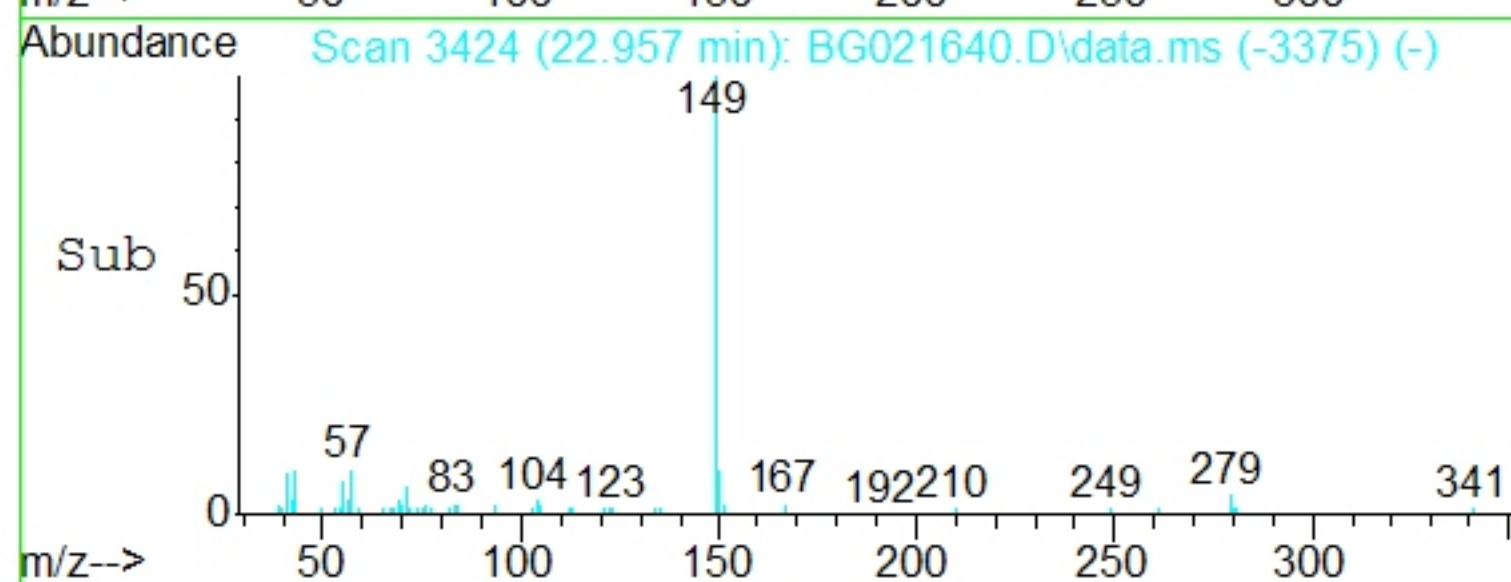
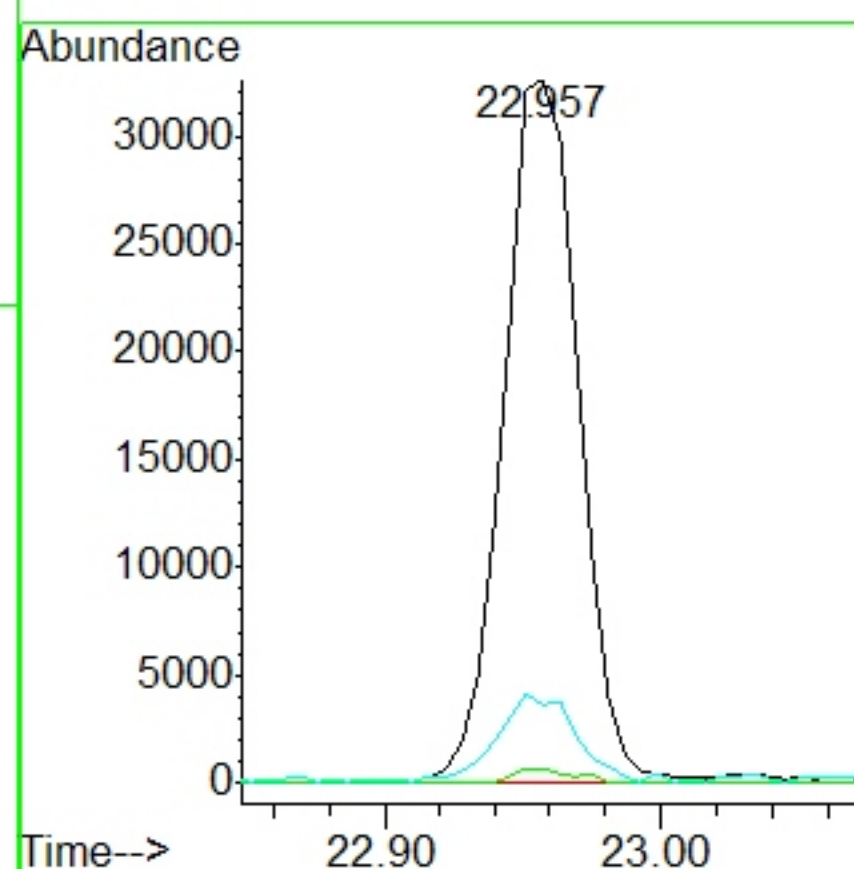
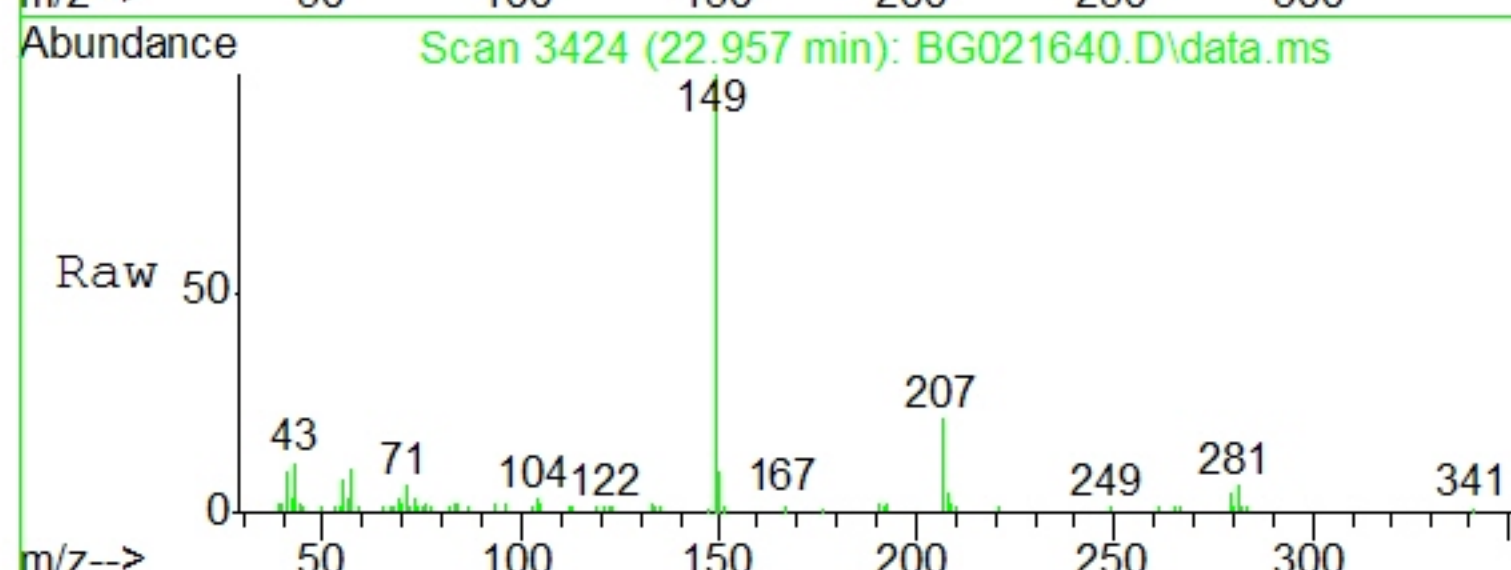






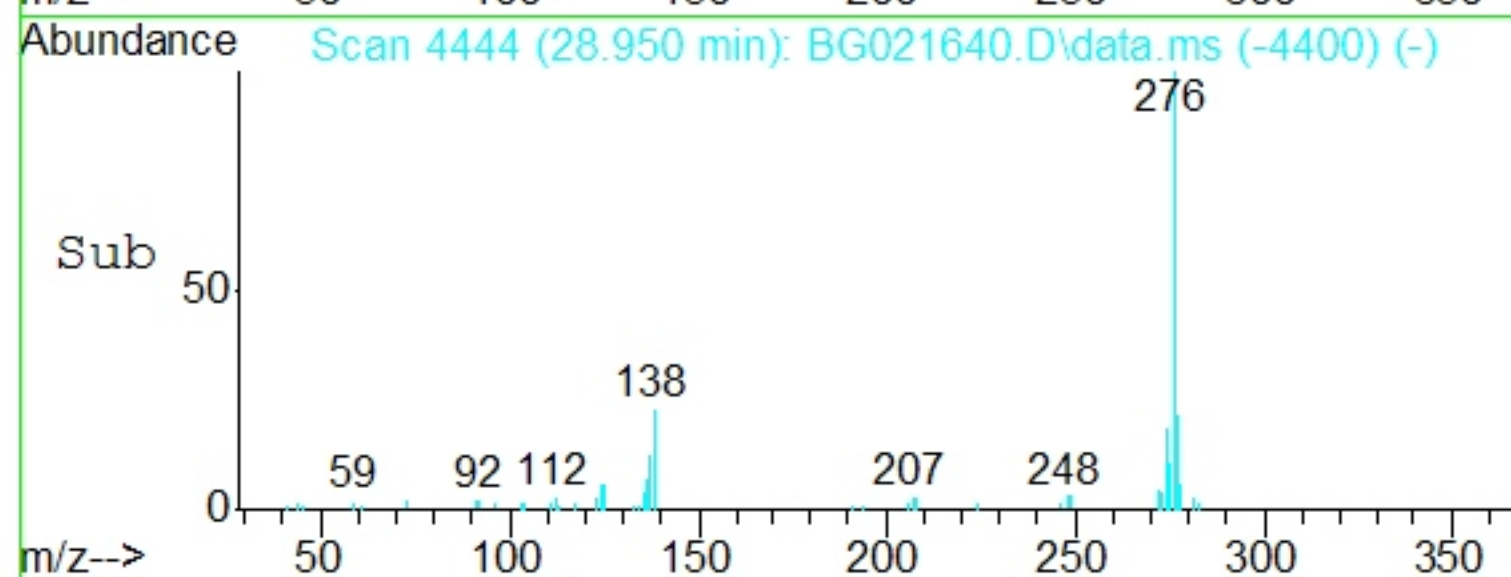
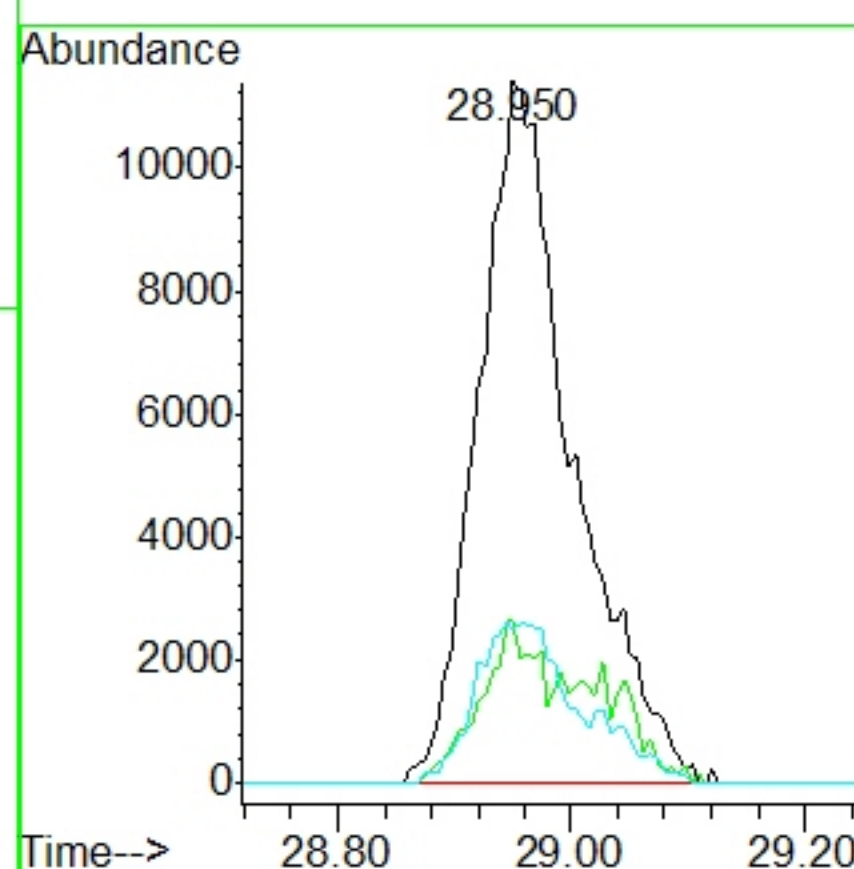
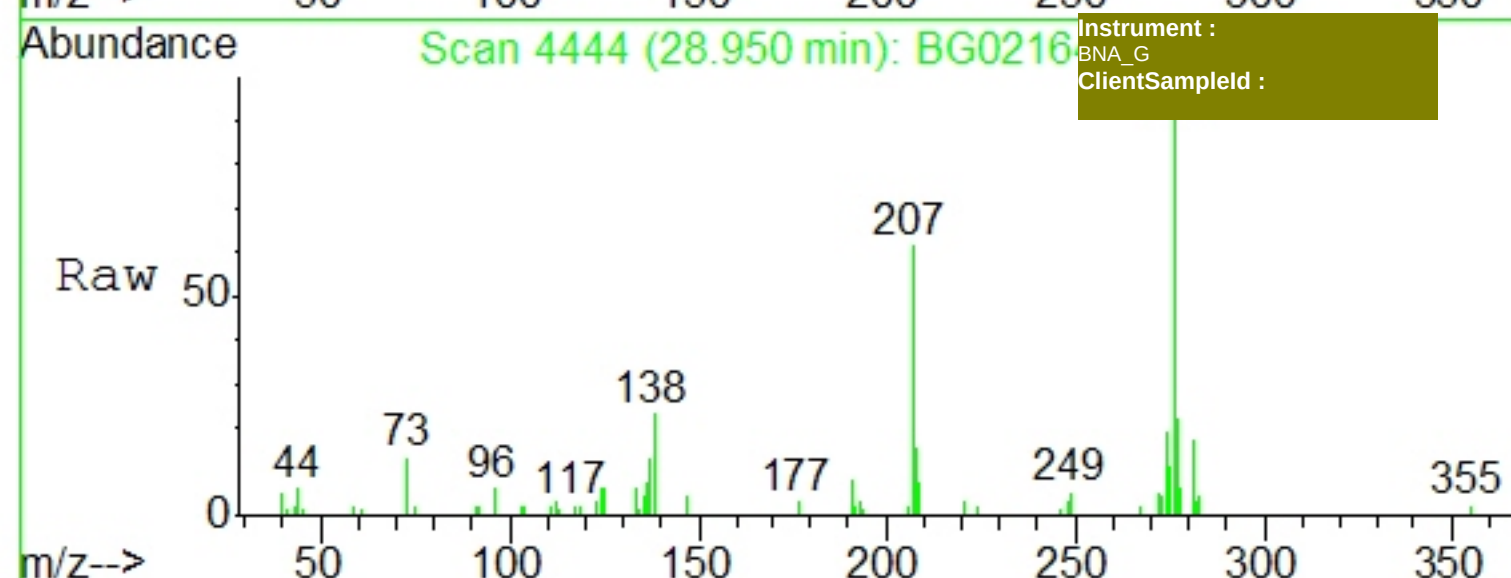
#84  
Di-n-octyl phthalate  
Concen: 3.79 ng  
RT: 22.957 min Scan# 3424  
Delta R.T. -0.011 min  
Lab File: BG021640.D  
Acq: 14 Apr 2016 4:58

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 149     | 100   |       |       |
| 167     | 1.5   | 1.3   | 1.9   |
| 43      | 12.9  | 9.8   | 14.6  |

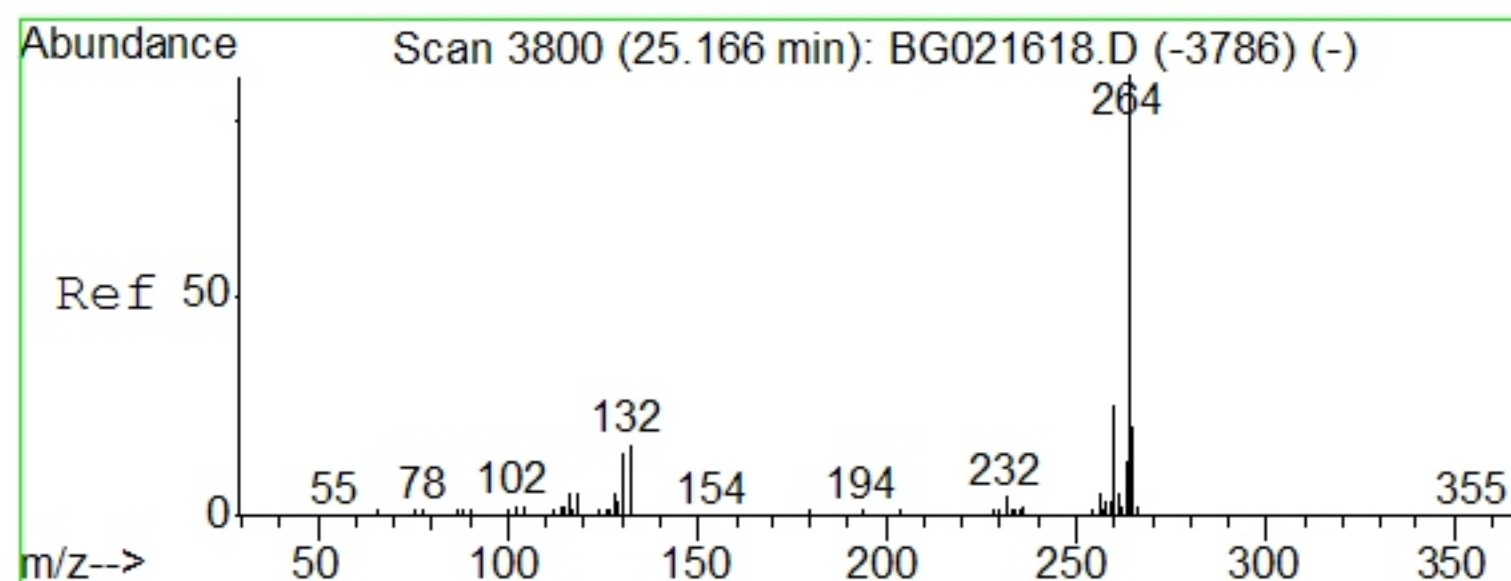


#85  
Indeno(1,2,3-cd)pyrene  
Concen: 3.96 ng  
RT: 28.950 min Scan# 4444  
Delta R.T. -0.041 min  
Lab File: BG021640.D  
Acq: 14 Apr 2016 4:58

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 276     | 100   |       |       |
| 138     | 15.2  | 14.0  | 21.0  |
| 277     | 21.3  | 20.6  | 30.8  |

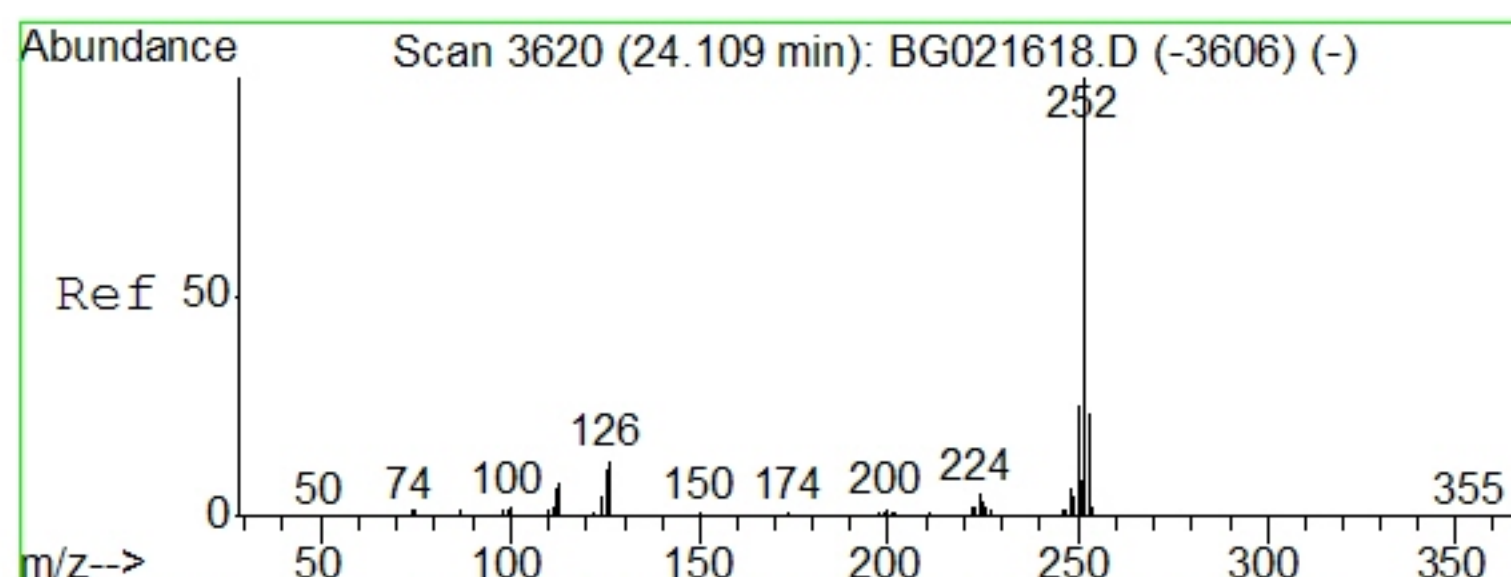
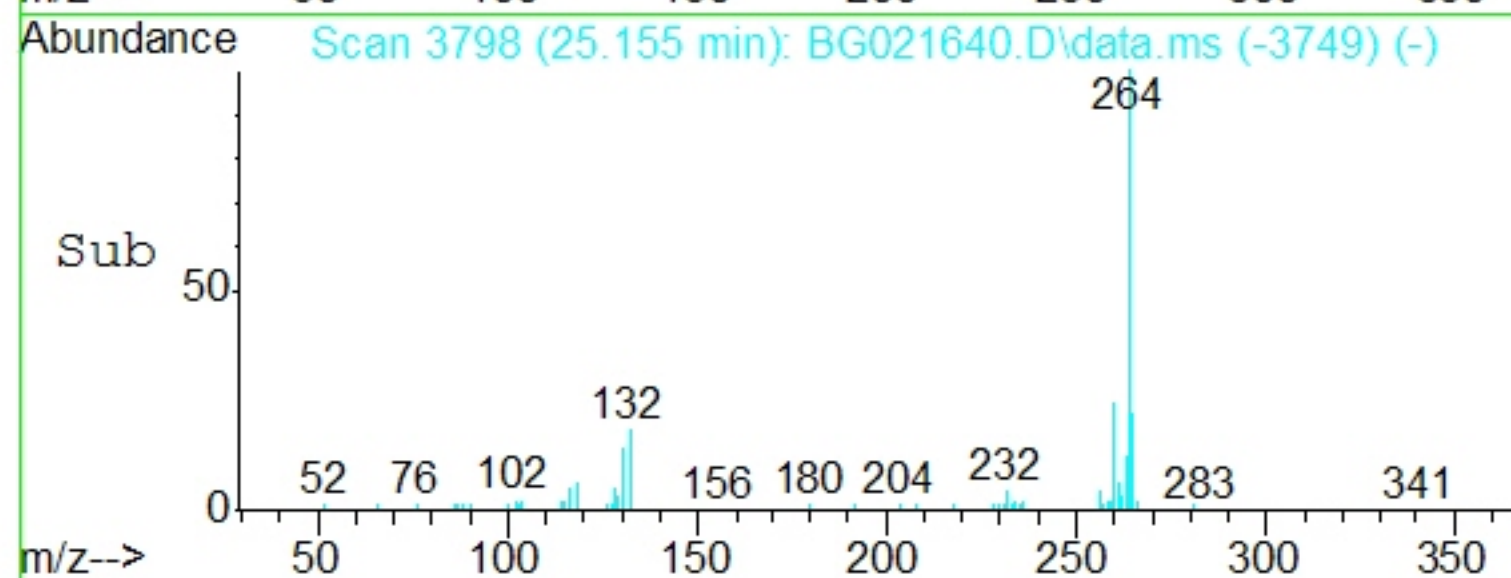
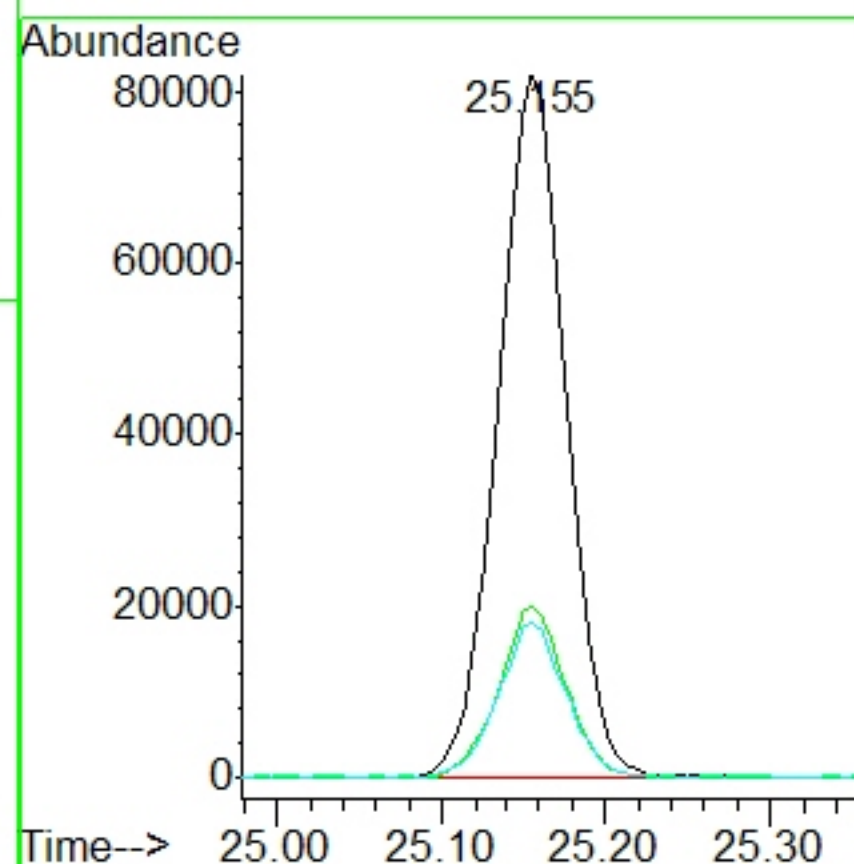
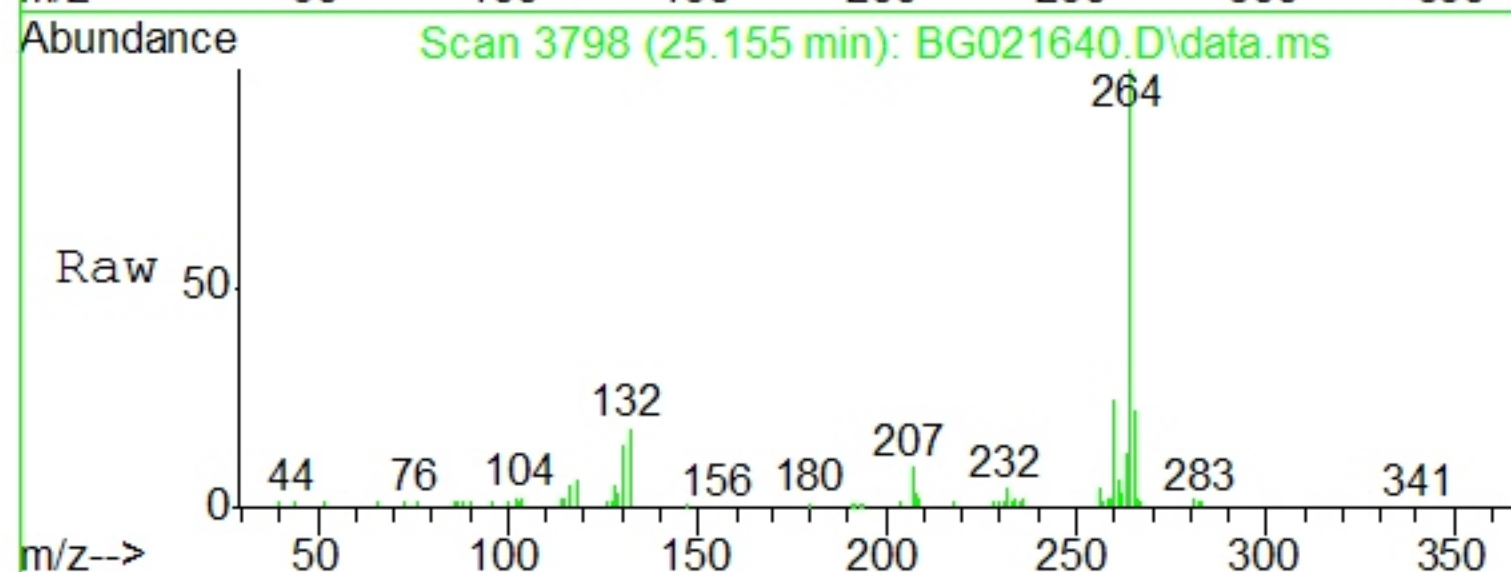






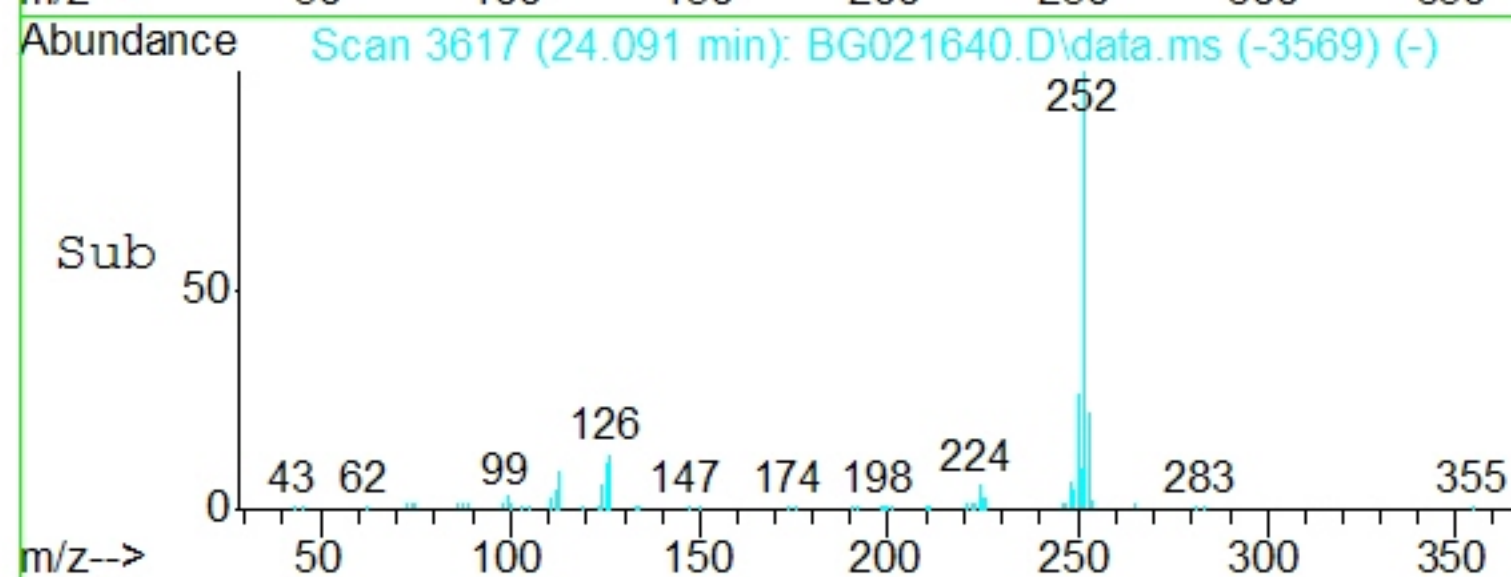
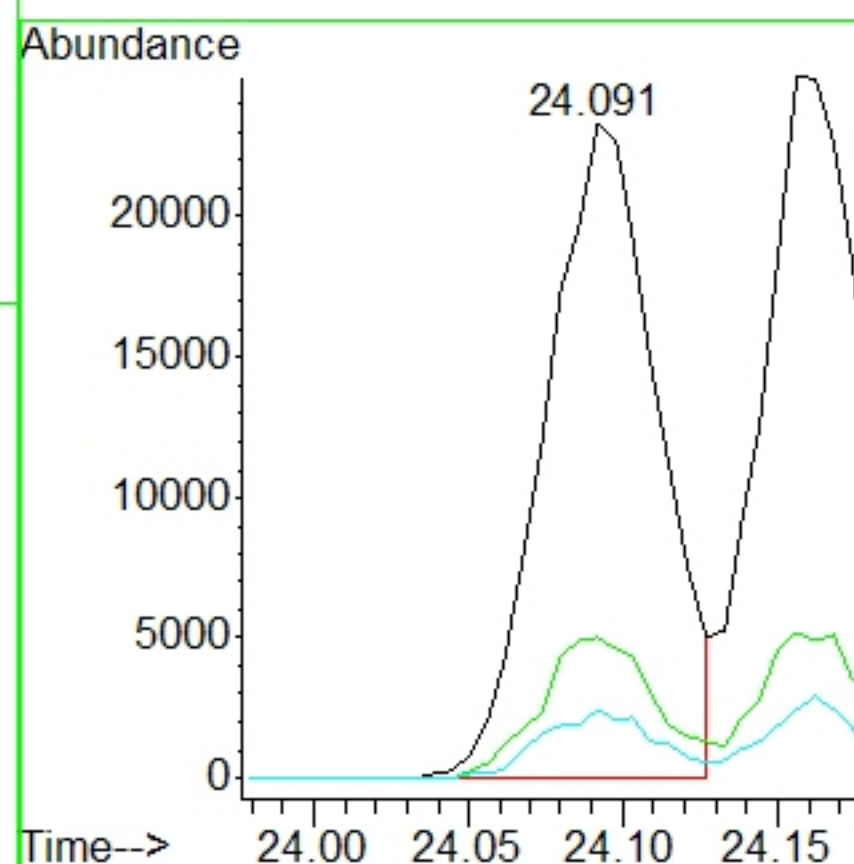
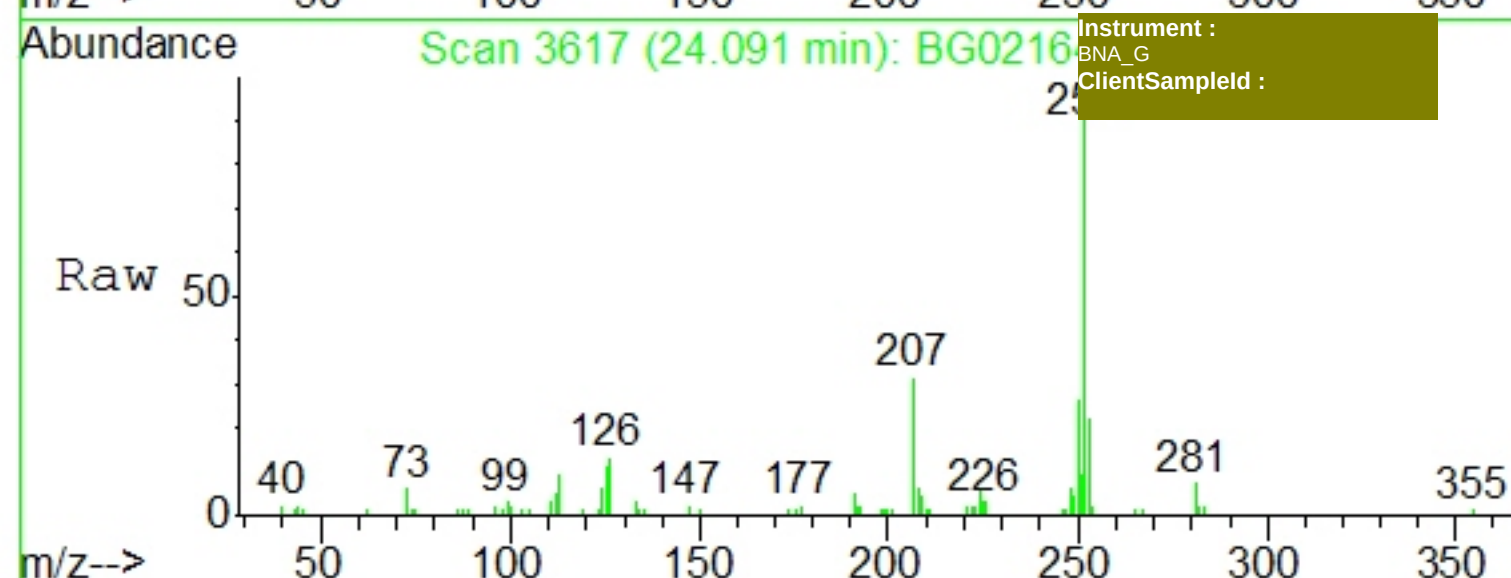
#86  
Perylene-d12  
Concen: 20.00 ng  
RT: 25.155 min Scan# 3798  
Delta R.T. -0.011 min  
Lab File: BG021640.D  
Acq: 14 Apr 2016 4:58

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 264   | Resp: | 234008 |
| Ion      | Ratio | Lower | Upper  |
| 264      | 100   |       |        |
| 260      | 24.1  | 20.2  | 30.4   |
| 265      | 22.1  | 17.8  | 26.8   |

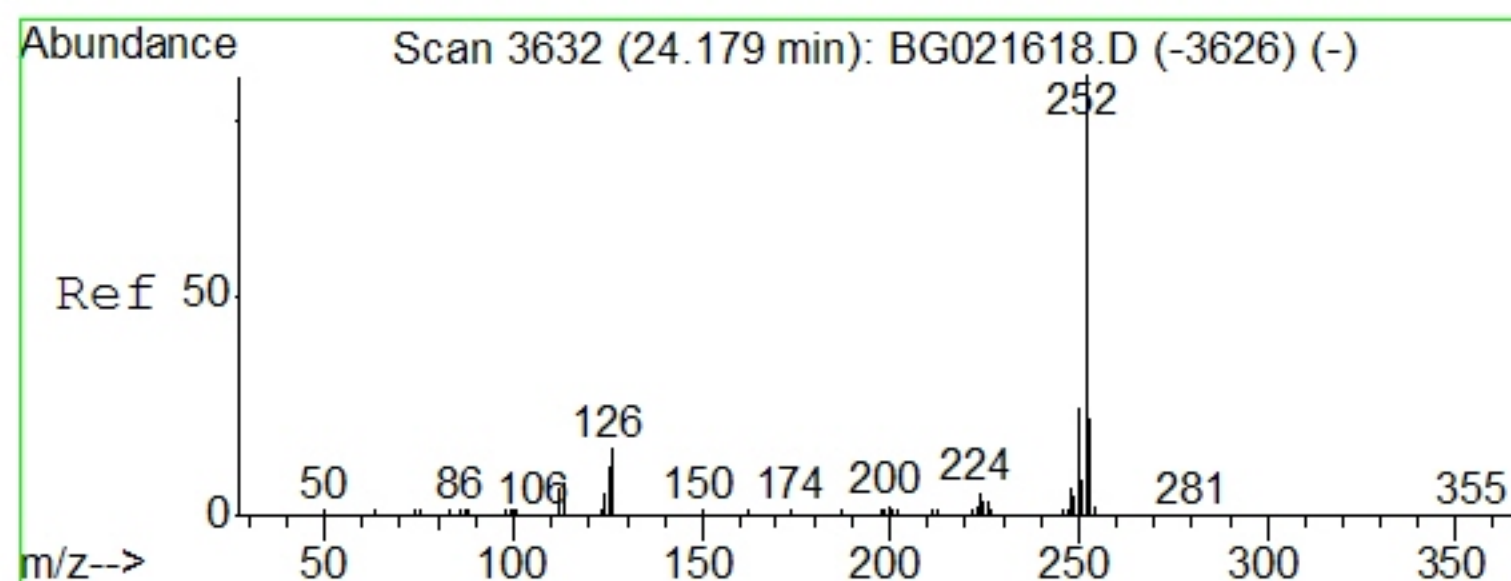


#87  
Benzo(b)fluoranthene  
Concen: 4.36 ng  
RT: 24.091 min Scan# 3617  
Delta R.T. -0.017 min  
Lab File: BG021640.D  
Acq: 14 Apr 2016 4:58

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 252   | Resp: | 59240 |
| Ion      | Ratio | Lower | Upper |
| 252      | 100   |       |       |
| 253      | 21.6  | 17.5  | 26.3  |
| 125      | 10.6  | 8.6   | 13.0  |

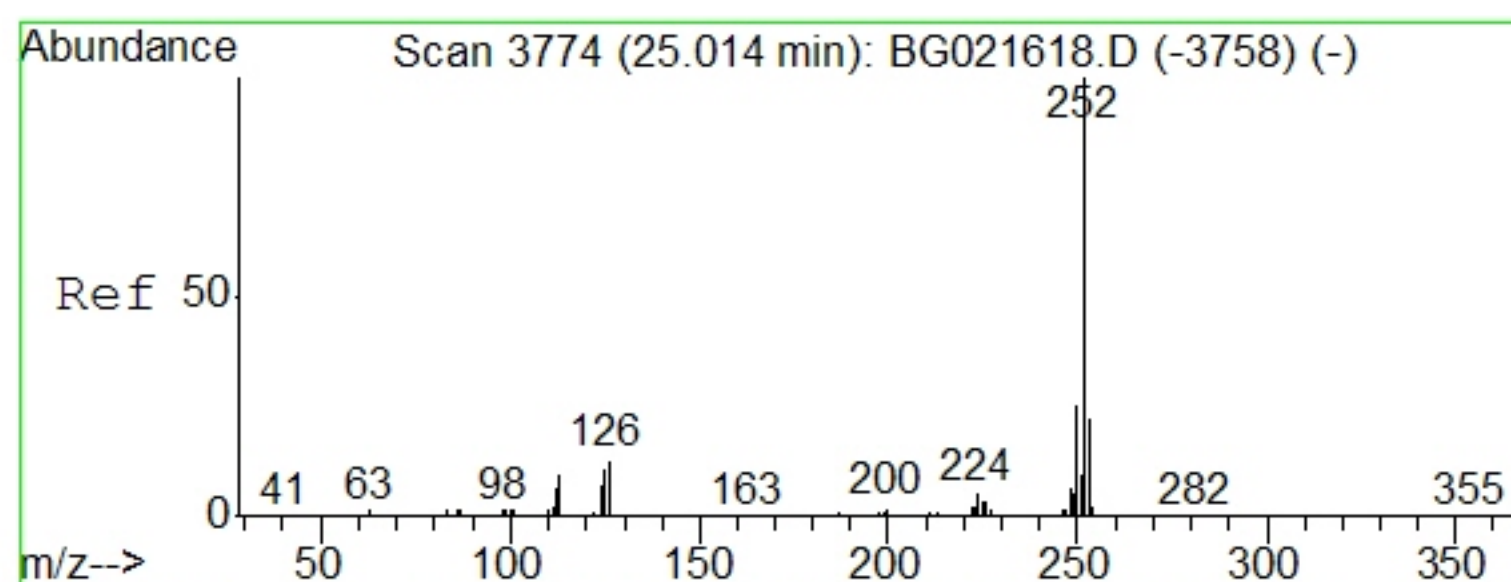
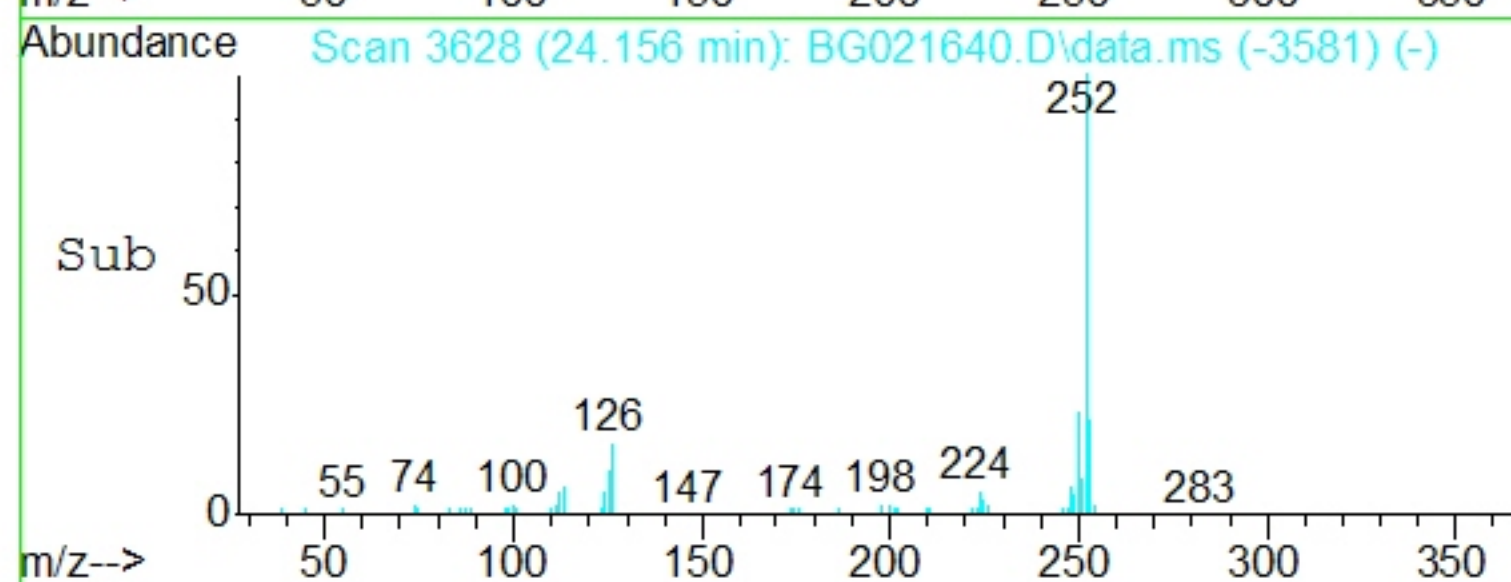
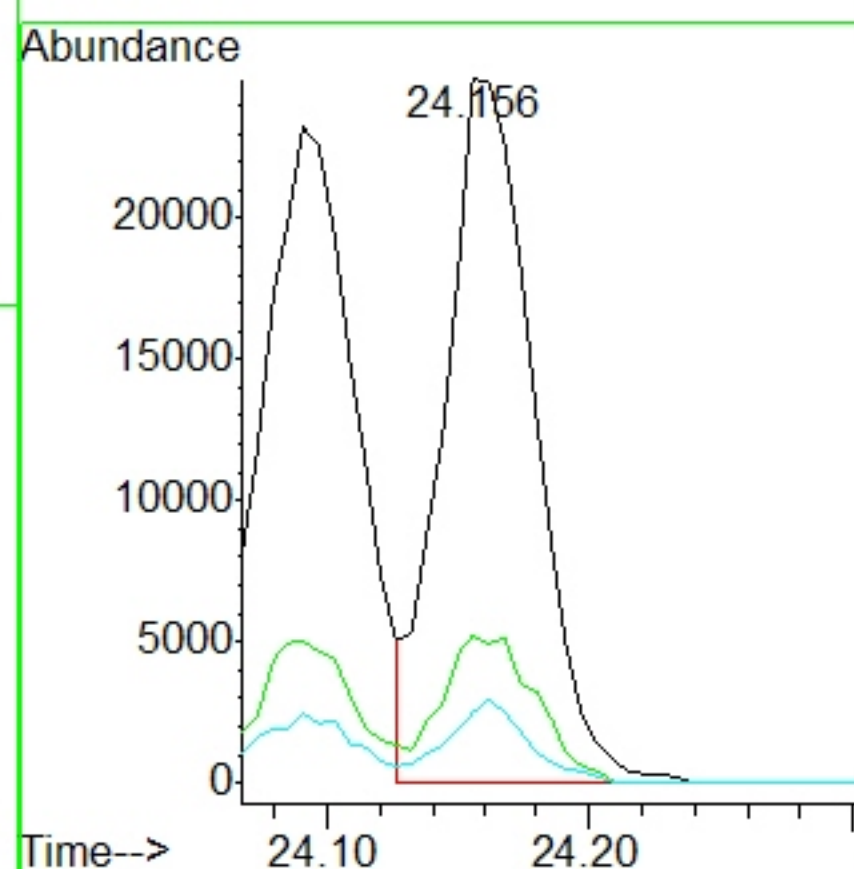
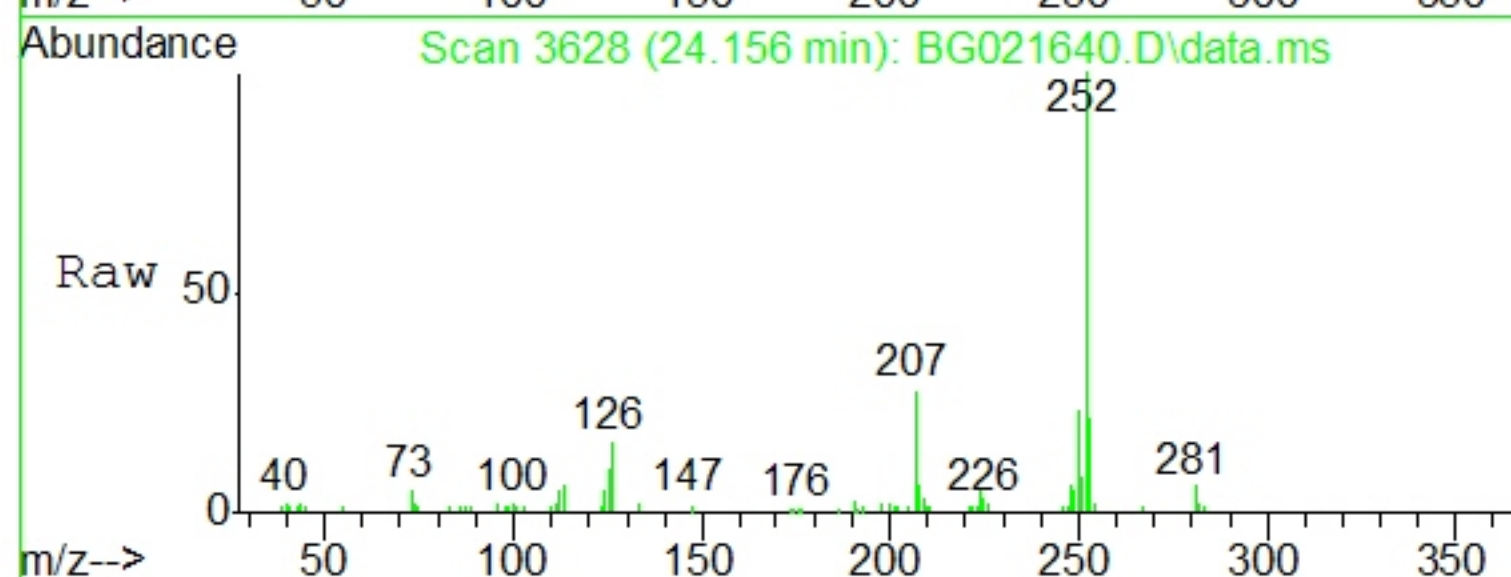






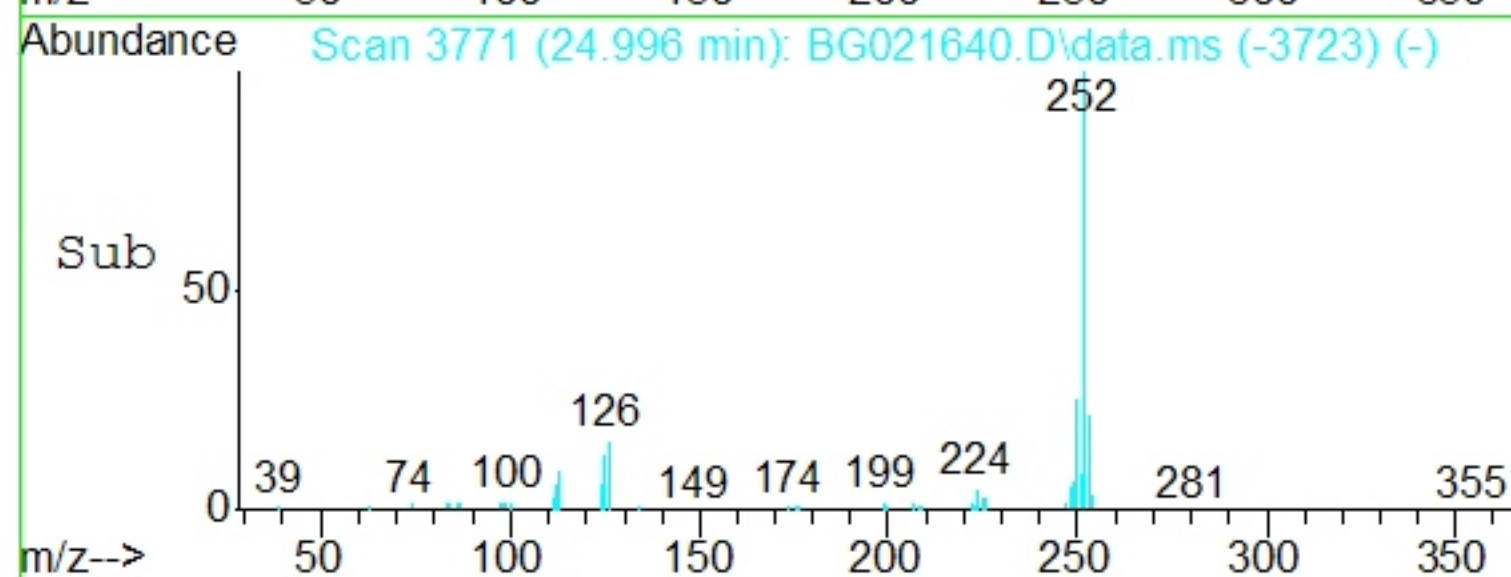
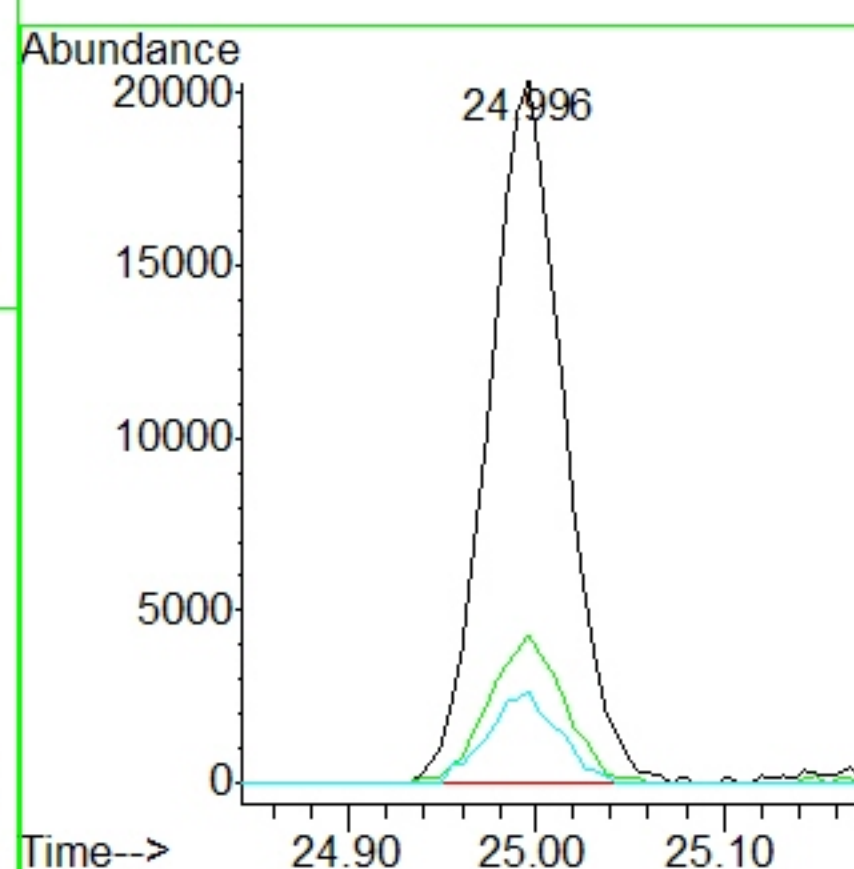
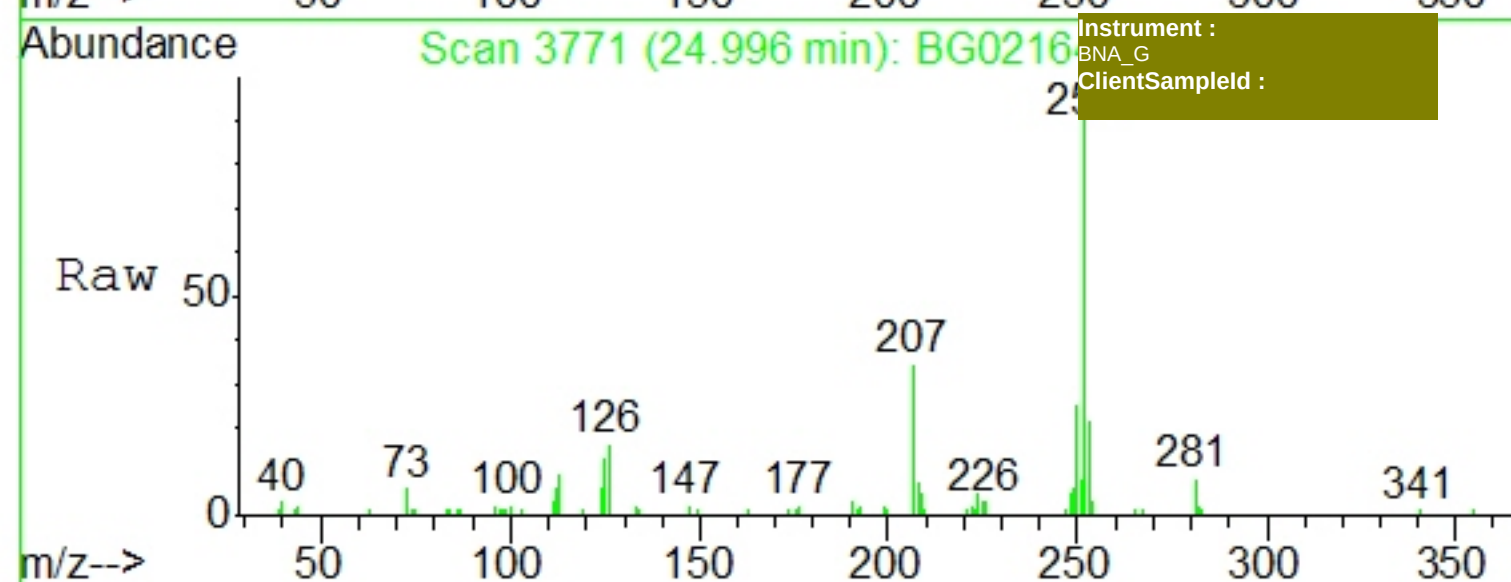
#88  
Benzo(k)fluoranthene  
Concen: 4.46 ng  
RT: 24.156 min Scan# 3628  
Delta R.T. -0.023 min  
Lab File: BG021640.D  
Acq: 14 Apr 2016 4:58

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 252     | 100   |       |       |
| 253     | 20.9  | 17.8  | 26.8  |
| 125     | 10.0  | 8.3   | 12.5  |

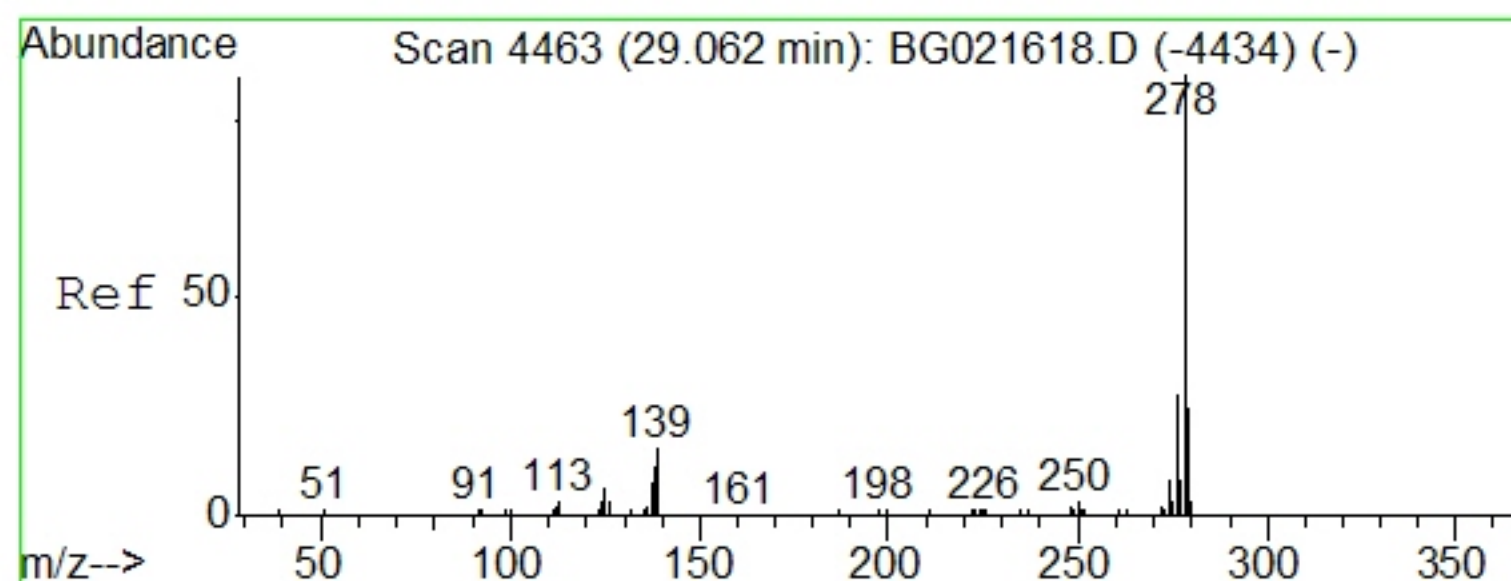


#89  
Benzo(a)pyrene  
Concen: 4.32 ng  
RT: 24.996 min Scan# 3771  
Delta R.T. -0.017 min  
Lab File: BG021640.D  
Acq: 14 Apr 2016 4:58

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 252     | 100   |       |       |
| 253     | 21.3  | 17.1  | 25.7  |
| 125     | 13.3  | 9.6   | 14.4  |







#90

Dibenzo(a,h)anthracene

Concen: 4.14 ng

RT: 29.033 min Scan# 4458

Delta R.T. -0.029 min

Lab File: BG021640.D

Acq: 14 Apr 2016 4:58

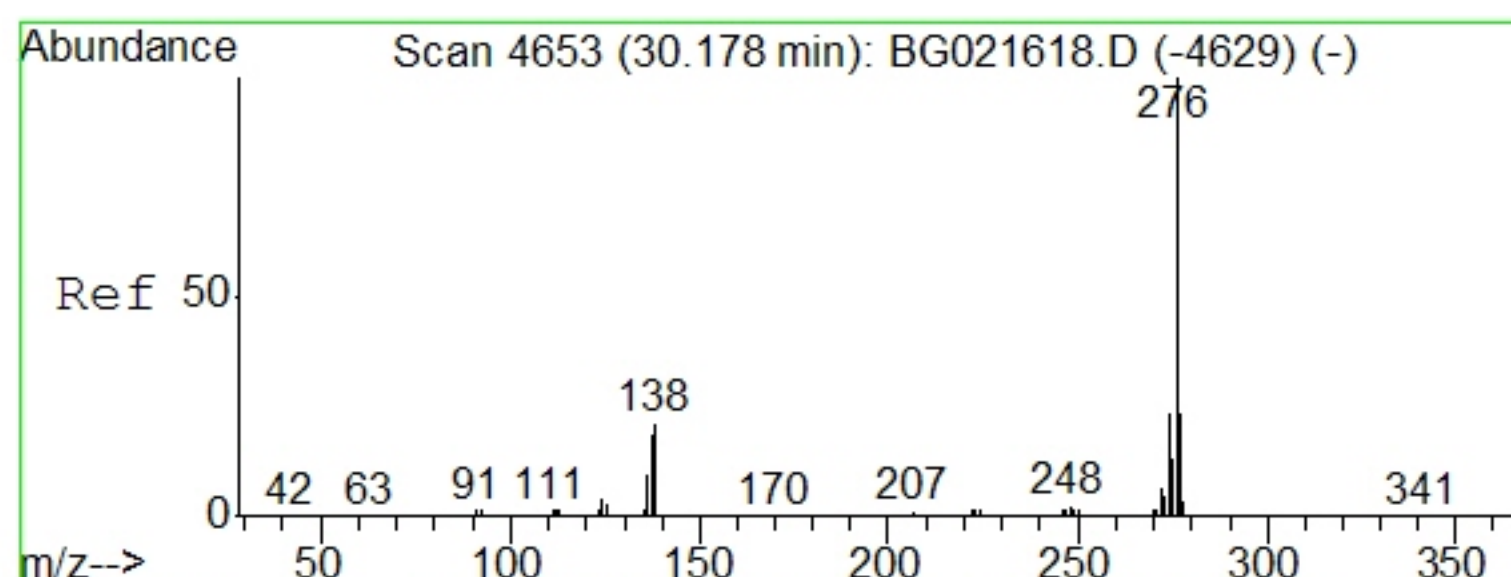
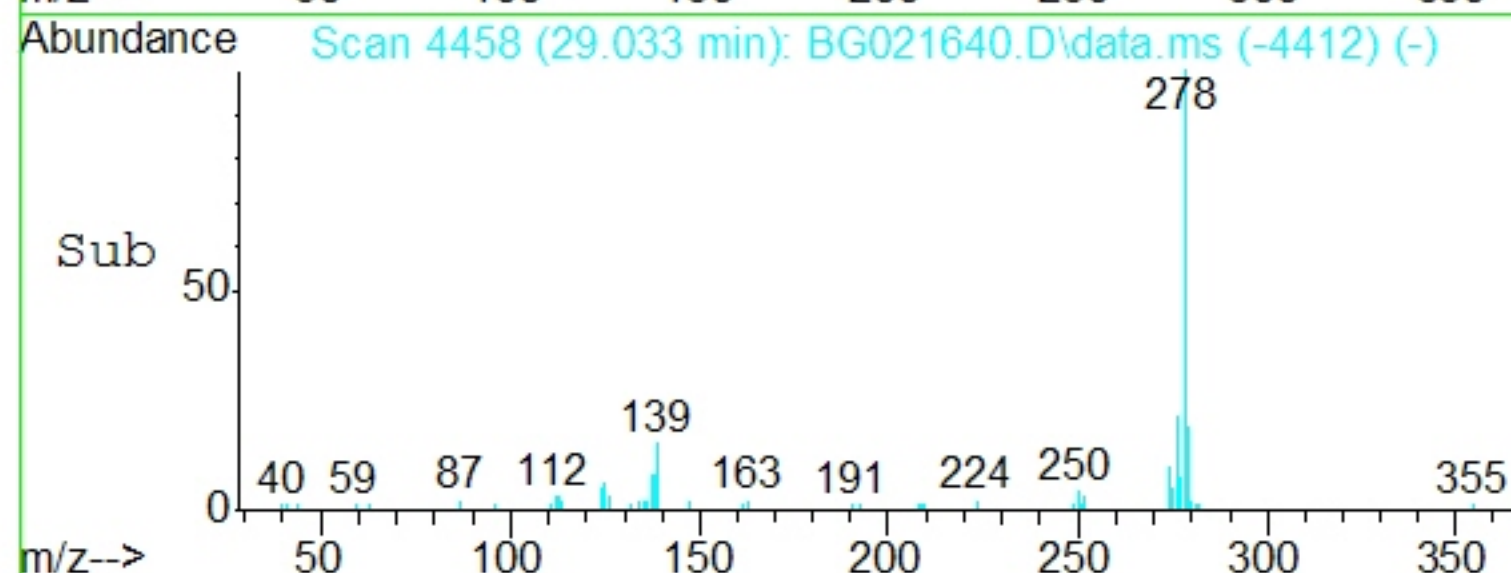
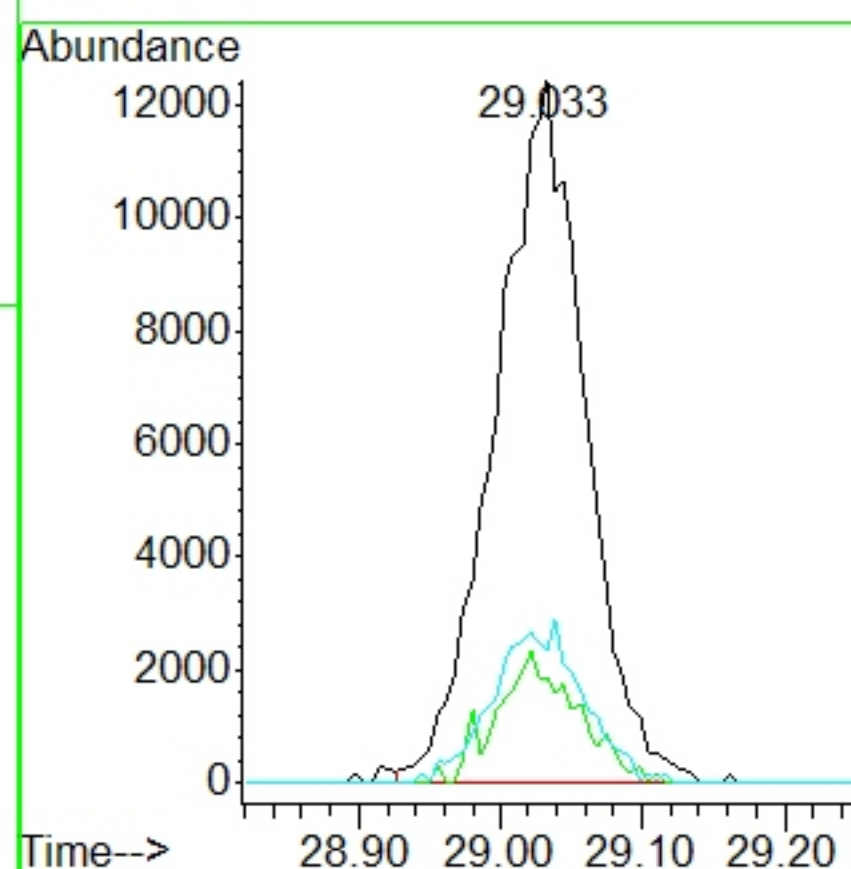
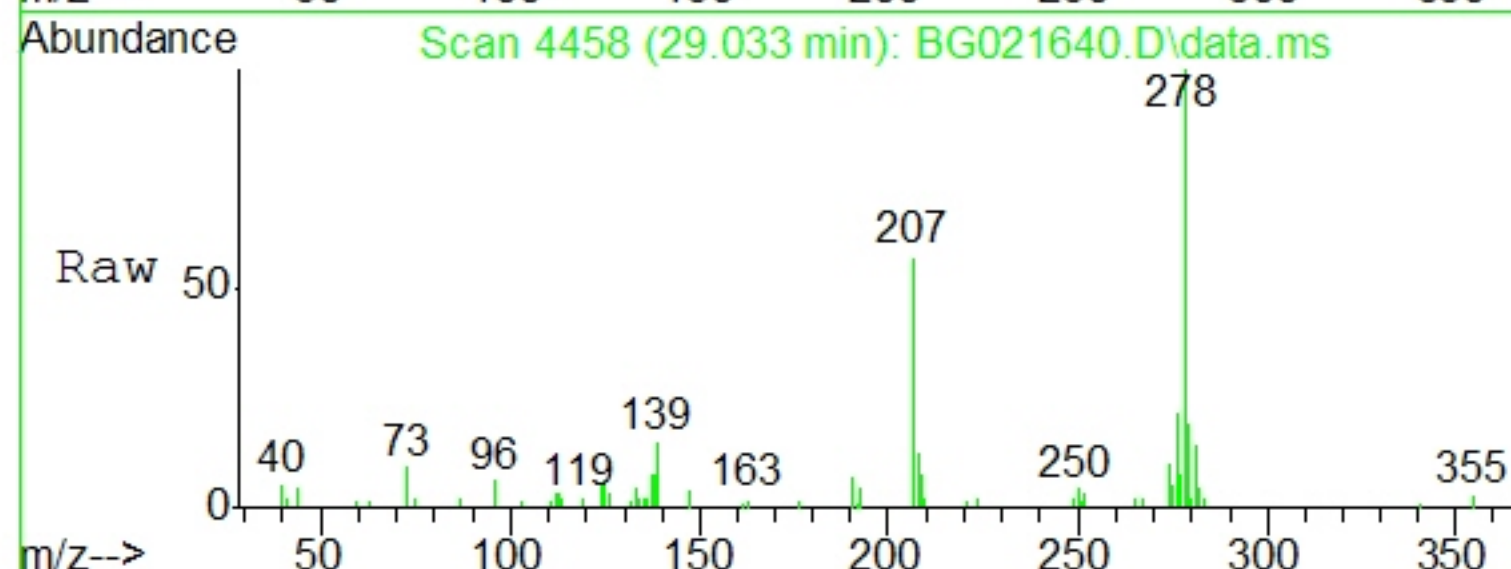
Tgt Ion:278 Resp: 54552

Ion Ratio Lower Upper

278 100

139 14.9 11.9 17.9

279 18.5 18.2 27.2



#91

Benzo(g,h,i)perylene

Concen: 4.28 ng

RT: 30.131 min Scan# 4645

Delta R.T. -0.047 min

Lab File: BG021640.D

Acq: 14 Apr 2016 4:58

Tgt Ion:276 Resp: 55441

Ion Ratio Lower Upper

276 100

277 18.8 19.4 29.2#

138 18.7 17.4 26.0

