

Data Path : Z:\HPCHEM1\BNA G\Data\BG110716\  
 Data File : BG024754.D  
 Acq On : 8 Nov 2016 11:36  
 Operator : UM/SJ  
 Sample : SSTDC0040  
 Misc :  
 ALS Vial : 2 Sample Multiplier: 1

Instrument :  
 BNA\_G  
 ClientSampleId :

Quant Time: Nov 08 12:57:10 2016  
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG102516.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Wed Oct 26 11:14:13 2016  
 Response via : Initial Calibration

| Internal Standards        | R.T.   | QIon | Response | Conc  | Units | Dev(Min) |
|---------------------------|--------|------|----------|-------|-------|----------|
| 1) 1,4-Dichlorobenzene-d4 | 8.260  | 152  | 120556   | 20.00 | ng    | 0.00     |
| 21) Naphthalene-d8        | 11.092 | 136  | 484602   | 20.00 | ng    | 0.00     |
| 38) Acenaphthene-d10      | 14.882 | 164  | 380336   | 20.00 | ng    | 0.00     |
| 63) Phenanthrene-d10      | 17.626 | 188  | 861904   | 20.00 | ng    | 0.00     |
| 75) Chrysene-d12          | 21.927 | 240  | 1161829  | 20.00 | ng    | 0.00     |
| 86) Perylene-d12          | 25.352 | 264  | 1235663  | 20.00 | ng    | -0.02    |

|                             |        |     |         |       |    |      |
|-----------------------------|--------|-----|---------|-------|----|------|
| System Monitoring Compounds |        |     |         |       |    |      |
| 5) 2-Fluorophenol           | 5.793  | 112 | 589528  | 80.15 | ng | 0.00 |
| 7) Phenol-d6                | 7.403  | 99  | 832652  | 82.52 | ng | 0.00 |
| 23) Nitrobenzene-d5         | 9.441  | 82  | 887365  | 83.37 | ng | 0.00 |
| 41) 2,4,6-Tribromophenol    | 16.369 | 330 | 533872  | 93.96 | ng | 0.00 |
| 44) 2-Fluorobiphenyl        | 13.507 | 172 | 1896848 | 82.89 | ng | 0.00 |
| 78) Terphenyl-d14           | 20.205 | 244 | 3101320 | 79.76 | ng | 0.00 |

|                               |        |     |         |        |    |      |
|-------------------------------|--------|-----|---------|--------|----|------|
| Target Compounds              |        |     |         | Qvalue |    |      |
| 2) 1,4-Dioxane                | 3.660  | 88  | 127450  | 42.41  | ng | 88   |
| 3) Pyridine                   | 4.071  | 79  | 380754  | 42.32  | ng | 87   |
| 4) n-Nitrosodimethylamine     | 3.983  | 42  | 178419  | 38.31  | ng | 86   |
| 6) Aniline                    | 7.585  | 93  | 533688  | 41.75  | ng | 98   |
| 8) 2-Chlorophenol             | 7.820  | 128 | 309512  | 41.39  | ng | 95   |
| 9) Benzaldehyde               | 7.397  | 77  | 251131  | 40.28  | ng | 98   |
| 10) Phenol                    | 7.432  | 94  | 436166  | 41.94  | ng | 92   |
| 11) bis(2-Chloroethyl)ether   | 7.673  | 93  | 327315  | 41.89  | ng | 85   |
| 12) 1,3-Dichlorobenzene       | 8.149  | 146 | 381174  | 41.17  | ng | 98   |
| 13) 1,4-Dichlorobenzene       | 8.301  | 146 | 377345  | 41.26  | ng | 98   |
| 14) 1,2-Dichlorobenzene       | 8.619  | 146 | 356401  | 40.54  | ng | 94   |
| 15) Benzyl Alcohol            | 8.501  | 79  | 393710  | 41.95  | ng | 91   |
| 16) 2,2'-oxybis(1-Chloropr... | 8.783  | 45  | 553768  | 38.20  | ng | 95   |
| 17) 2-Methylphenol            | 8.695  | 107 | 289459  | 42.00  | ng | 96   |
| 18) Hexachloroethane          | 9.353  | 117 | 150245  | 42.74  | ng | 96   |
| 19) n-Nitroso-di-n-propyla... | 9.065  | 70  | 313831  | 42.20  | ng | 91   |
| 20) 3+4-Methylphenols         | 9.024  | 107 | 400055  | 43.23  | ng | 97   |
| 22) Acetophenone              | 9.095  | 105 | 517576  | 41.58  | ng | # 90 |
| 24) Nitrobenzene              | 9.482  | 77  | 480610  | 40.59  | ng | 93   |
| 25) Isophorone                | 9.999  | 82  | 812726  | 41.05  | ng | 99   |
| 26) 2-Nitrophenol             | 10.193 | 139 | 195204  | 44.42  | ng | 92   |
| 27) 2,4-Dimethylphenol        | 10.235 | 122 | 323386  | 42.03  | ng | 90   |
| 28) bis(2-Chloroethoxy)met... | 10.475 | 93  | 420046  | 41.01  | ng | 98   |
| 29) 2,4-Dichlorophenol        | 10.728 | 162 | 358170  | 44.35  | ng | 94   |
| 30) 1,2,4-Trichlorobenzene    | 10.945 | 180 | 397987  | 41.55  | ng | 96   |
| 31) Naphthalene               | 11.145 | 128 | 1014133 | 41.95  | ng | 100  |
| 32) Benzoic acid              | 10.376 | 122 | 252112  | 39.35  | ng | 96   |
| 33) 4-Chloroaniline           | 11.245 | 127 | 456923  | 43.54  | ng | 96   |
| 34) Hexachlorobutadiene       | 11.410 | 225 | 324637  | 43.30  | ng | 98   |
| 35) Caprolactam               | 12.027 | 113 | 126610  | 42.83  | ng | # 90 |
| 36) 4-Chloro-3-methylphenol   | 12.344 | 107 | 424887  | 43.58  | ng | 96   |
| 37) 2-Methylnaphthalene       | 12.726 | 142 | 764891  | 43.37  | ng | 99   |
| 39) 1,2,4,5-Tetrachloroben... | 13.084 | 216 | 548512  | 42.76  | ng | 97   |
| 40) Hexachlorocyclopentadiene | 13.061 | 237 | 313284  | 43.37  | ng | 98   |

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 Data File : BG024754.D  
 Acq On : 8 Nov 2016 11:36  
 Operator : UM/SJ  
 Sample : SSTDCCC040  
 Misc :  
 ALS Vial : 2 Sample Multiplier: 1

Instrument :  
 BNA\_G  
 ClientSampleId :

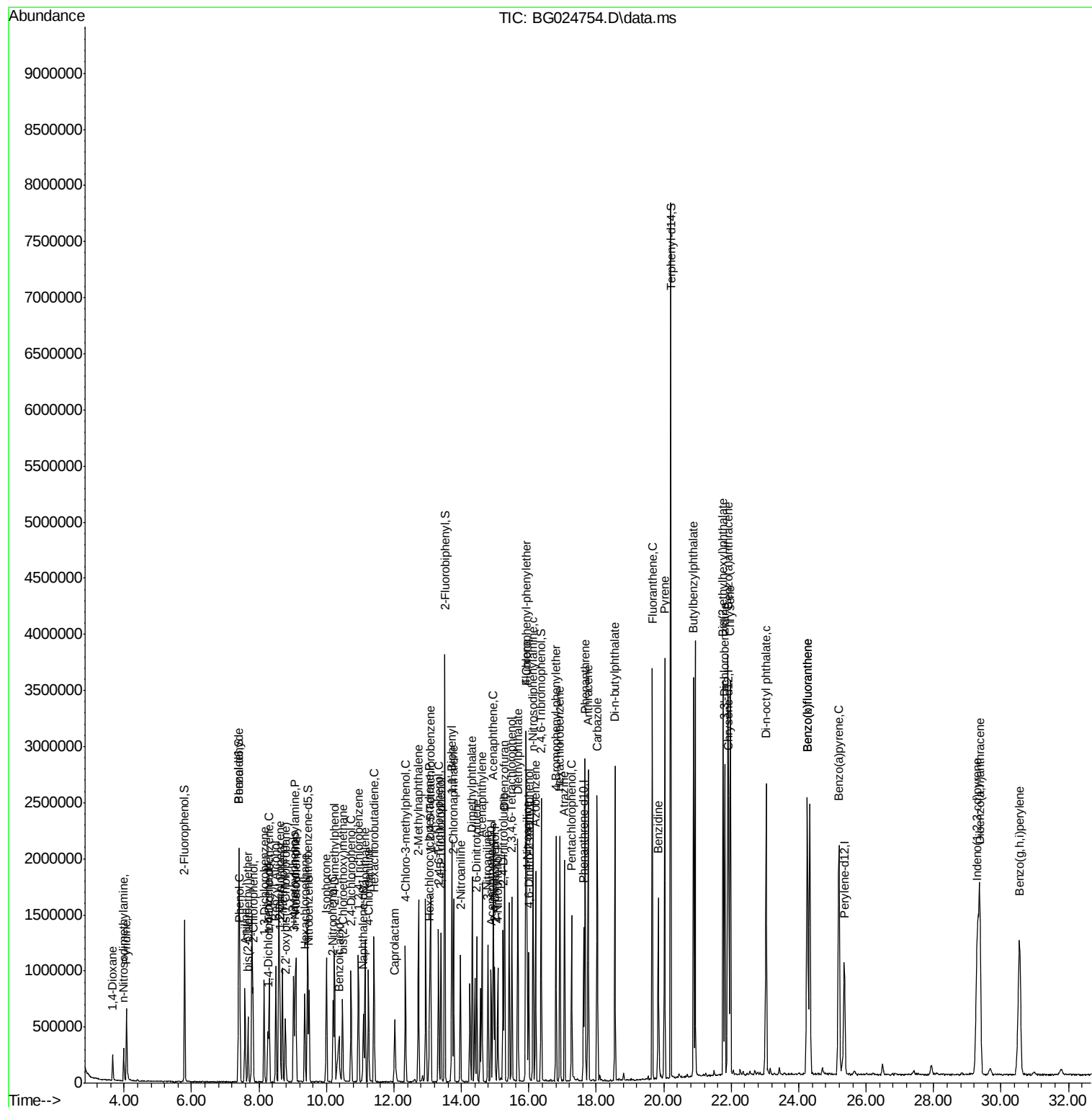
Quant Time: Nov 08 12:57:10 2016  
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG102516.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Wed Oct 26 11:14:13 2016  
 Response via : Initial Calibration

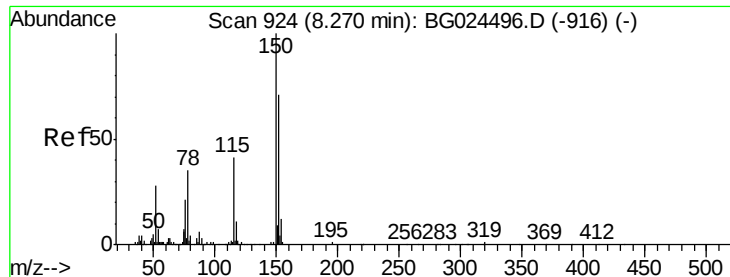
| Internal Standards            | R.T.   | QIon | Response | Conc  | Units | Dev(Min) |
|-------------------------------|--------|------|----------|-------|-------|----------|
| 42) 2,4,6-Trichlorophenol     | 13.319 | 196  | 334505   | 43.38 | nq    | 98       |
| 43) 2,4,5-Trichlorophenol     | 13.396 | 196  | 351550   | 42.17 | nq    | 95       |
| 45) 1,1'-Biphenyl             | 13.719 | 154  | 1100724  | 41.71 | nq    | 98       |
| 46) 2-Chloronaphthalene       | 13.772 | 162  | 847099   | 42.15 | nq    | 98       |
| 47) 2-Nitroaniline            | 13.971 | 65   | 345348   | 41.97 | nq    | # 89     |
| 48) Acenaphthylene            | 14.612 | 152  | 1297559  | 42.10 | nq    | 99       |
| 49) Dimethylphthalate         | 14.324 | 163  | 1142787  | 42.32 | nq    | 100      |
| 50) 2,6-Dinitrotoluene        | 14.453 | 165  | 260457   | 45.19 | nq    | 84       |
| 51) Acenaphthene              | 14.947 | 154  | 876325   | 38.14 | nq    | 96       |
| 52) 3-Nitroaniline            | 14.788 | 138  | 252282   | 42.30 | nq    | 98       |
| 53) 2,4-Dinitrophenol         | 14.994 | 184  | 222131   | 53.18 | nq    | 98       |
| 54) Dibenzofuran              | 15.282 | 168  | 1341945  | 42.25 | nq    | 97       |
| 55) 4-Nitrophenol             | 15.076 | 139  | 209052   | 40.23 | nq    | 92       |
| 56) 2,4-Dinitrotoluene        | 15.235 | 165  | 374155   | 44.67 | nq    | # 95     |
| 57) Fluorene                  | 15.922 | 166  | 1108064  | 42.07 | nq    | 99       |
| 58) 2,3,4,6-Tetrachlorophenol | 15.499 | 232  | 382757   | 44.28 | nq    | # 92     |
| 59) Diethylphthalate          | 15.675 | 149  | 1166537  | 41.21 | nq    | 98       |
| 60) 4-Chlorophenyl-phenyle... | 15.910 | 204  | 632016   | 42.76 | nq    | 95       |
| 61) 4-Nitroaniline            | 15.951 | 138  | 288191   | 44.23 | nq    | 98       |
| 62) Azobenzene                | 16.198 | 77   | 1129834  | 40.02 | nq    | 97       |
| 64) 4,6-Dinitro-2-methylph... | 15.998 | 198  | 276944   | 46.64 | nq    | 96       |
| 65) n-Nitrosodiphenylamine    | 16.122 | 169  | 994364   | 42.20 | nq    | 99       |
| 66) 4-Bromophenyl-phenylether | 16.803 | 248  | 461705   | 44.13 | nq    | 97       |
| 67) Hexachlorobenzene         | 16.927 | 284  | 517966   | 44.80 | nq    | # 84     |
| 68) Atrazine                  | 17.062 | 200  | 398695   | 39.45 | nq    | 96       |
| 69) Pentachlorophenol         | 17.267 | 266  | 315975   | 41.42 | nq    | 95       |
| 70) Phenanthrene              | 17.667 | 178  | 1815211  | 41.32 | nq    | 97       |
| 71) Anthracene                | 17.761 | 178  | 1864161  | 42.06 | nq    | 99       |
| 72) Carbazole                 | 18.025 | 167  | 1675637  | 41.45 | nq    | 97       |
| 73) Di-n-butylphthalate       | 18.554 | 149  | 1923733  | 41.28 | nq    | 98       |
| 74) Fluoranthene              | 19.659 | 202  | 2328287  | 41.92 | nq    | 98       |
| 76) Benzidine                 | 19.835 | 184  | 946562   | 34.58 | nq    | # 94     |
| 77) Pyrene                    | 20.023 | 202  | 2369833  | 41.73 | nq    | 96       |
| 79) Butylbenzylphthalate      | 20.881 | 149  | 979805   | 41.38 | nq    | 99       |
| 80) Benzo(a)anthracene        | 21.903 | 228  | 2587534  | 40.54 | nq    | 99       |
| 81) 3,3'-Dichlorobenzidine    | 21.809 | 252  | 1037313  | 40.28 | nq    | # 96     |
| 82) Chrysene                  | 21.974 | 228  | 2491814  | 40.99 | nq    | 99       |
| 83) Bis(2-ethylhexyl)phtha... | 21.756 | 149  | 1356689  | 40.05 | nq    | 99       |
| 84) Di-n-octyl phthalate      | 23.037 | 149  | 2287515  | 40.69 | nq    | # 93     |
| 85) Indeno(1,2,3-cd)pyrene    | 29.295 | 276  | 3347498  | 39.89 | nq    | # 99     |
| 87) Benzo(b)fluoranthene      | 24.253 | 252  | 2748887  | 41.16 | nq    | 99       |
| 88) Benzo(k)fluoranthene      | 24.253 | 252  | 2748887  | 42.62 | nq    | 97       |
| 89) Benzo(a)pyrene            | 25.193 | 252  | 2695644  | 41.30 | nq    | 99       |
| 90) Dibenzo(a,h)anthracene    | 29.371 | 278  | 2846094  | 39.73 | nq    | # 94     |
| 91) Benzo(g,h,i)perylene      | 30.546 | 276  | 2844324  | 39.75 | nq    | 98       |

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

**Instrument :**  
BNA\_G  
**ClientSampleId :**

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QLast Update : Wed Oct 26 11:14:13 2016  
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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 8.260 min Scan# 92

Delta R.T. -0.009 min

Lab File: BG024754.D

Acq: 8 Nov 2016 11:36

Instrument :

BNA\_G

ClientSampleId :

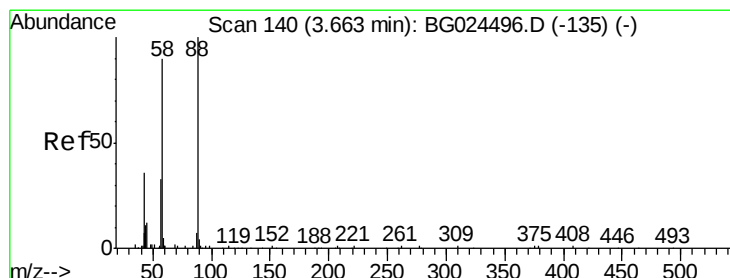
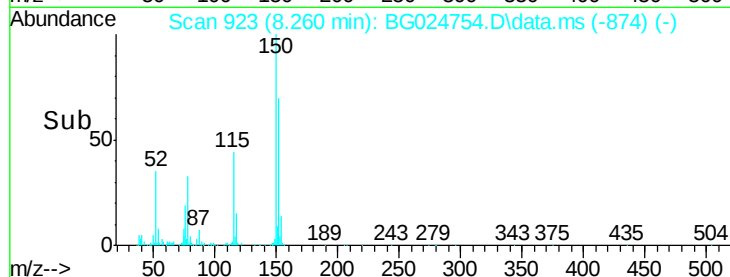
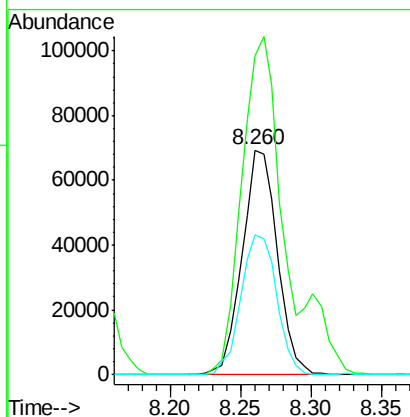
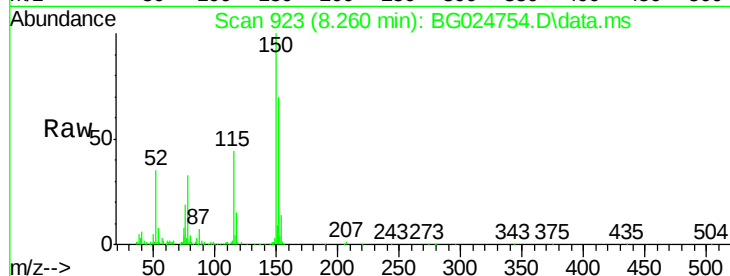
Tot Ion:152 Resp: 120556

Ion Ratio Lower Upper

152 100

150 142.2 114.0 171.0

115 62.4 48.1 72.1



#2

1,4-Dioxane

Concen: 42.41 ng

RT: 3.660 min Scan# 140

Delta R.T. -0.003 min

Lab File: BG024754.D

Acq: 8 Nov 2016 11:36

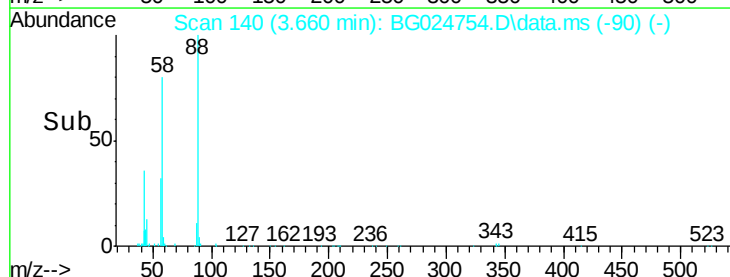
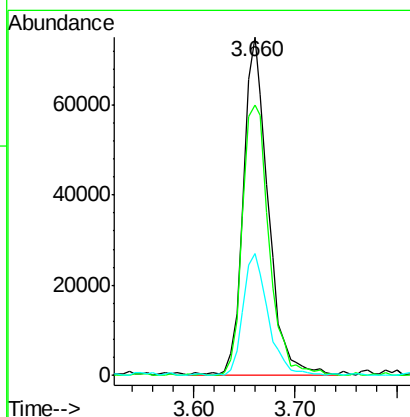
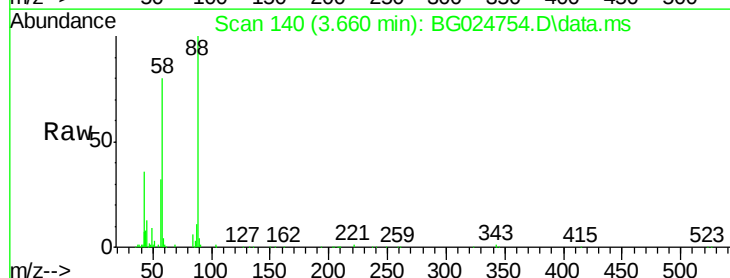
Tgt Ion: 88 Resp: 127450

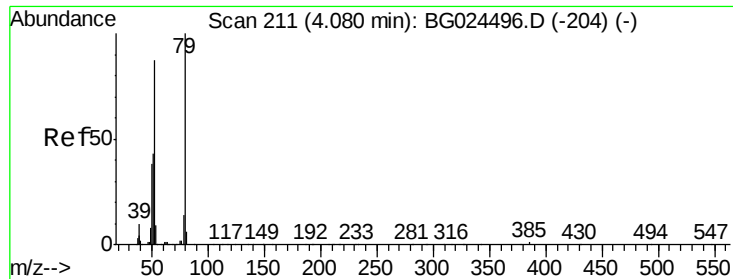
Ion Ratio Lower Upper

88 100

58 85.9 79.4 119.2

43 36.0 33.8 50.6

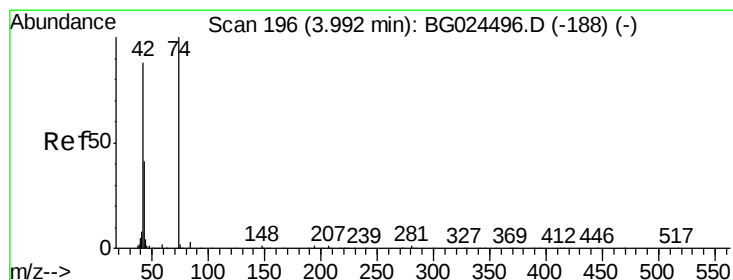
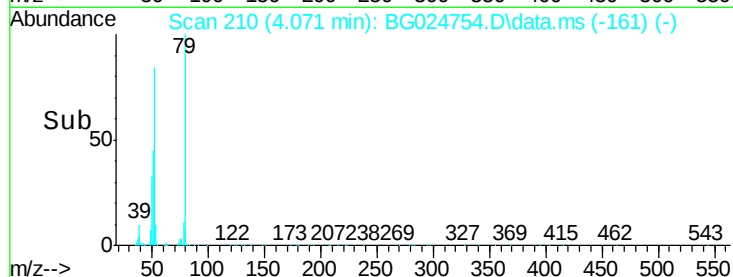
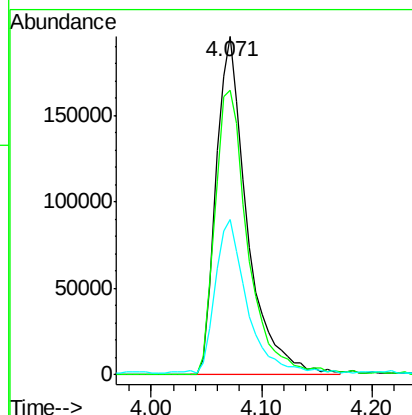
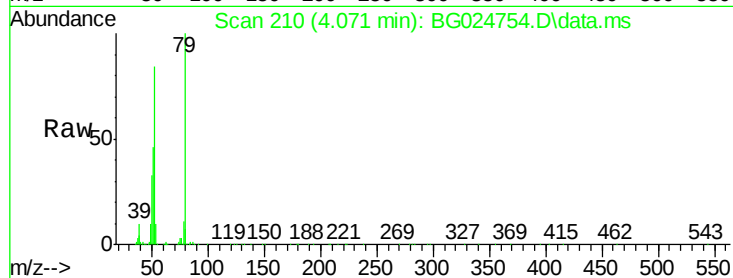




#3  
 Pvridine  
 Concen: 42.32 ng  
 RT: 4.071 min Scan# 21  
 Delta R.T. -0.009 min  
 Lab File: BG024754.D  
 Acq: 8 Nov 2016 11:36

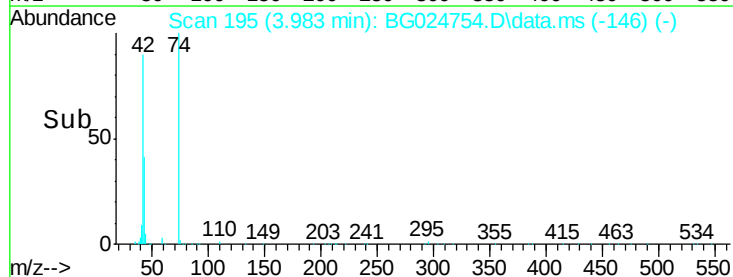
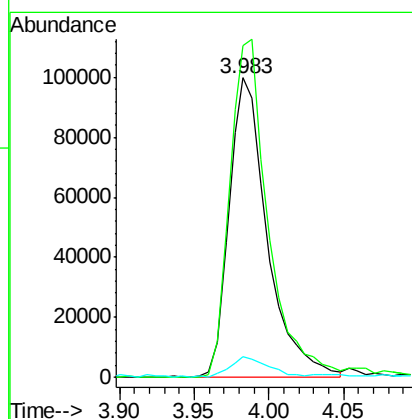
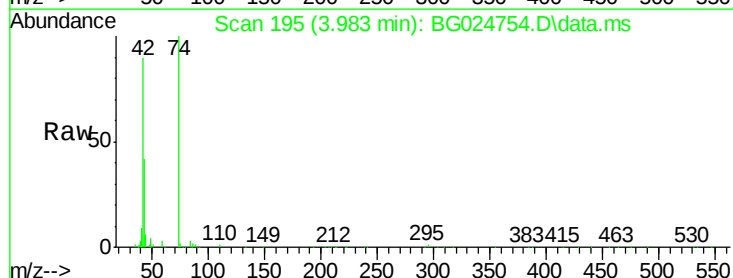
Instrument :  
 BNA\_G  
 ClientSampleId :

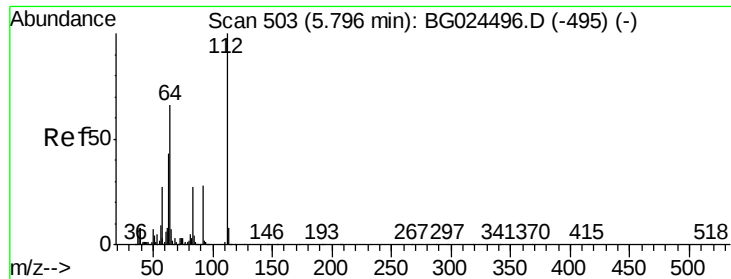
Tot Ion: 79 Resp: 380754  
 Ion Ratio Lower Upper  
 79 100  
 52 84.3 77.8 116.6  
 51 45.7 43.2 64.8



#4  
 n-Nitrosodimethylamine  
 Concen: 38.31 ng  
 RT: 3.983 min Scan# 195  
 Delta R.T. -0.009 min  
 Lab File: BG024754.D  
 Acq: 8 Nov 2016 11:36

Tgt Ion: 42 Resp: 178419  
 Ion Ratio Lower Upper  
 42 100  
 74 110.5 76.7 115.1  
 44 6.8 6.1 9.1





#5

2-Fluorophenol

Concen: 80.15 ng

RT: 5.793 min Scan# 50

Delta R.T. -0.003 min

Lab File: BG024754.D

Acq: 8 Nov 2016 11:36

Instrument :

BNA\_G

ClientSampleId :

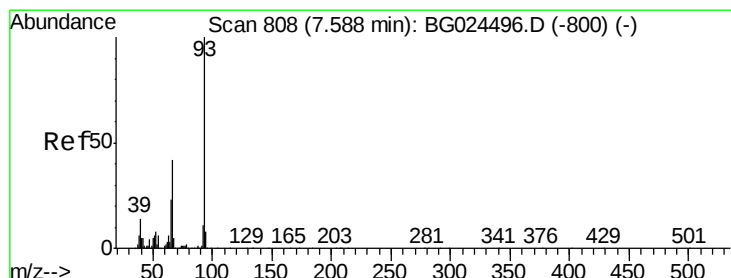
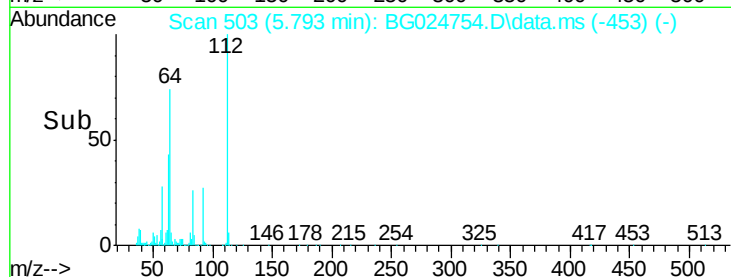
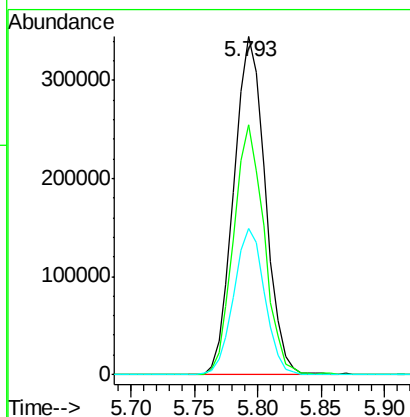
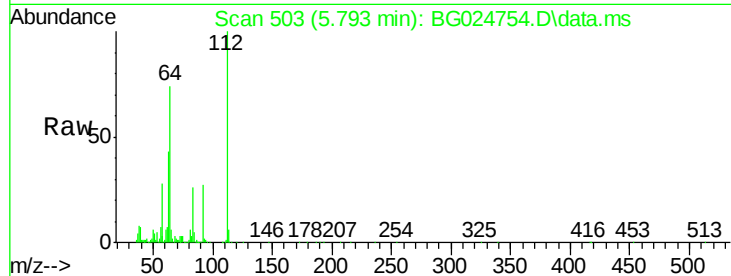
Tot Ion:112 Resp: 589528

Ion Ratio Lower Upper

112 100

64 73.7 61.8 92.6

63 43.2 37.2 55.8



#6

Aniline

Concen: 41.75 ng

RT: 7.585 min Scan# 808

Delta R.T. -0.003 min

Lab File: BG024754.D

Acq: 8 Nov 2016 11:36

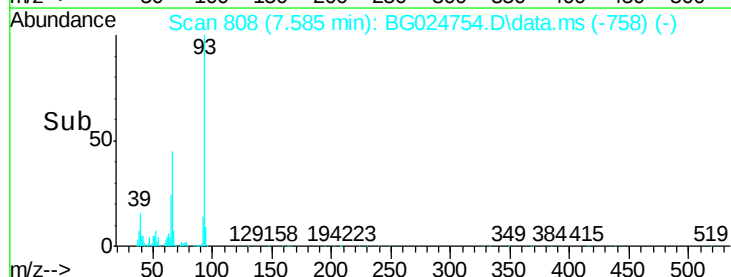
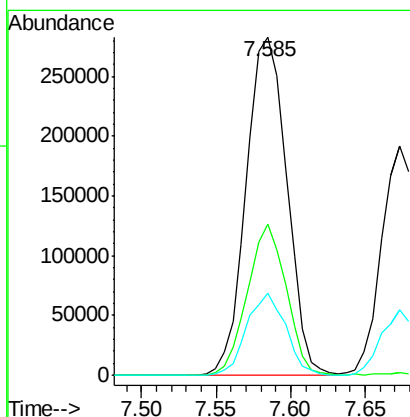
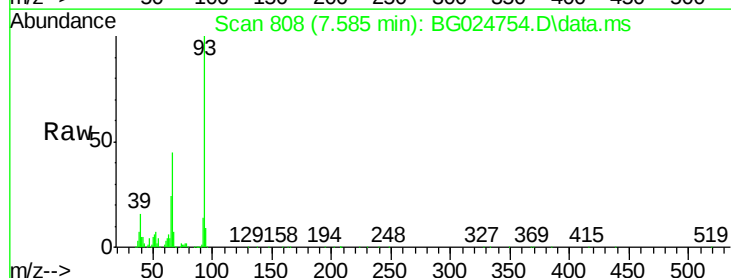
Tgt Ion: 93 Resp: 533688

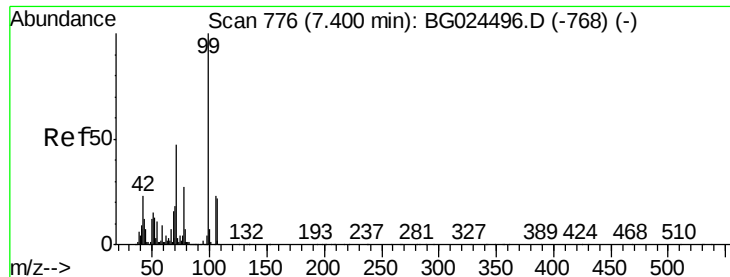
Ion Ratio Lower Upper

93 100

66 44.8 35.4 53.2

65 24.5 21.2 31.8





#7

Phenol-d6

Concen: 82.52 ng

RT: 7.403 min Scan# 77

Delta R.T. 0.002 min

Lab File: BG024754.D

Acq: 8 Nov 2016 11:36

Instrument :

BNA\_G

ClientSampleId :

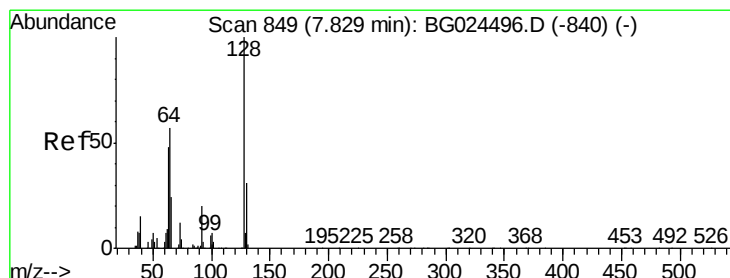
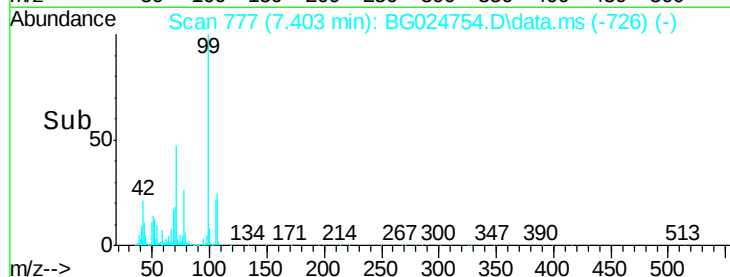
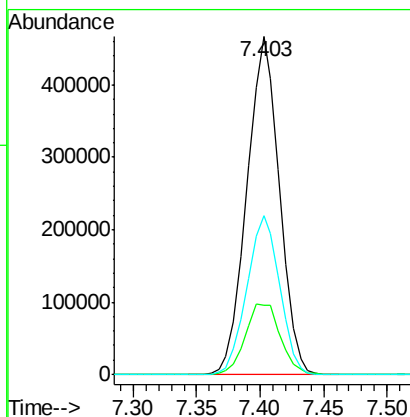
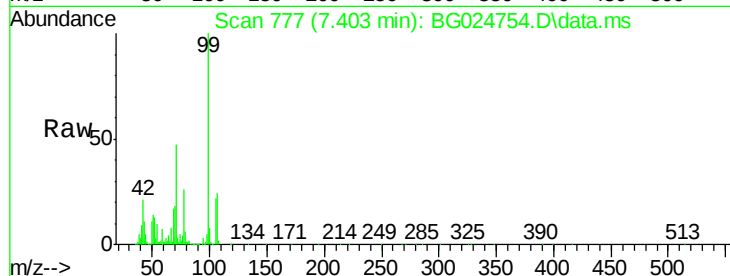
Tot Ion: 99 Resp: 832652

Ion Ratio Lower Upper

99 100

42 20.7 20.5 30.7

71 47.1 37.6 56.4



#8

2-Chlorophenol

Concen: 41.39 ng

RT: 7.820 min Scan# 848

Delta R.T. -0.009 min

Lab File: BG024754.D

Acq: 8 Nov 2016 11:36

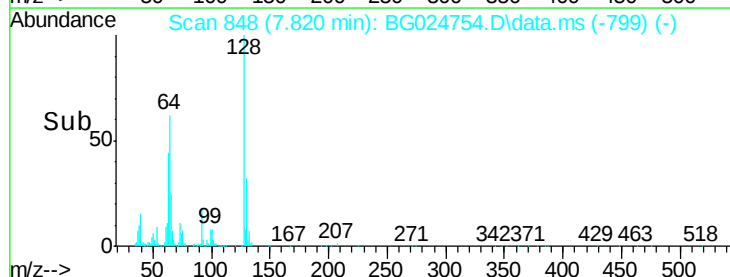
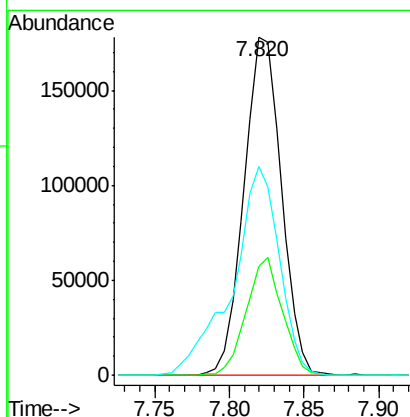
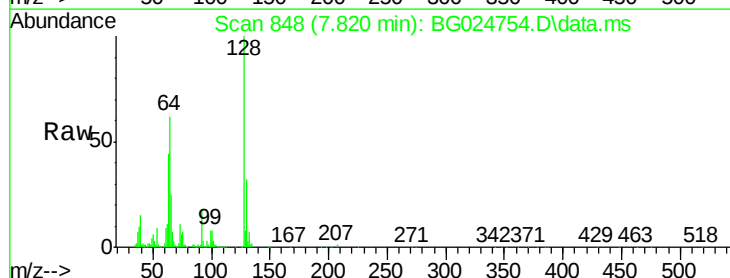
Tgt Ion: 128 Resp: 309512

Ion Ratio Lower Upper

128 100

130 32.4 11.4 51.4

64 61.8 46.6 86.6





#9

Benzaldehyde

Concen: 40.28 ng

RT: 7.397 min Scan# 77

Delta R.T. -0.009 min

Lab File: BG024754.D

Acq: 8 Nov 2016 11:36

Instrument :

BNA\_G

ClientSampleId :

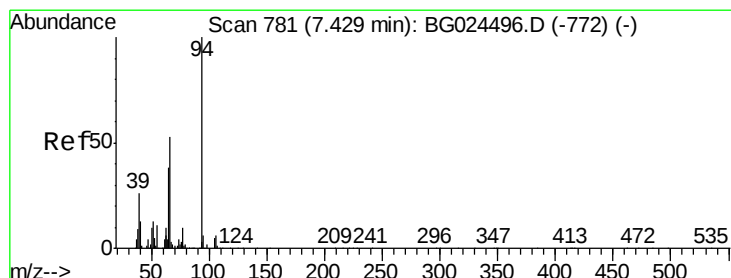
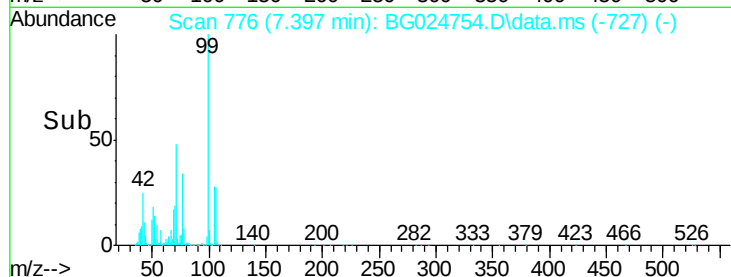
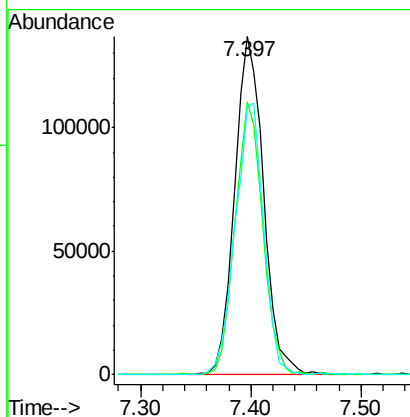
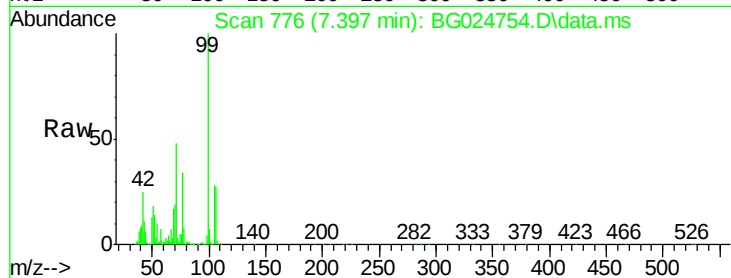
Tot Ion: 77 Resp: 251131

Ion Ratio Lower Upper

77 100

105 80.7 60.9 100.9

106 79.3 55.1 95.1



#10

Phenol

Concen: 41.94 ng

RT: 7.432 min Scan# 782

Delta R.T. 0.002 min

Lab File: BG024754.D

Acq: 8 Nov 2016 11:36

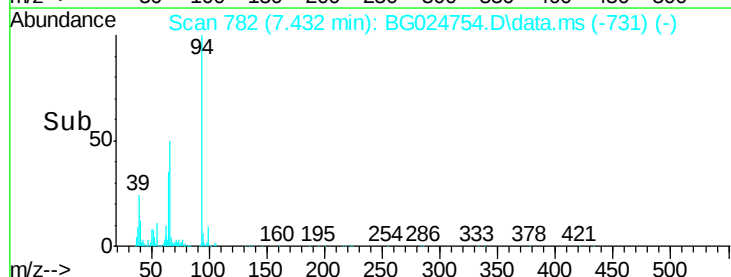
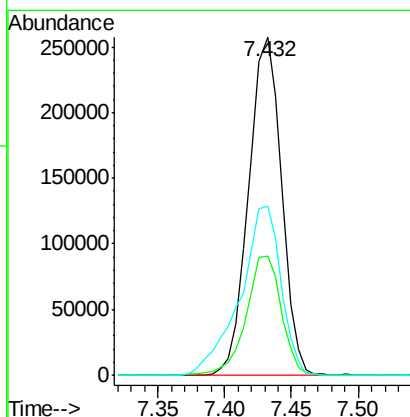
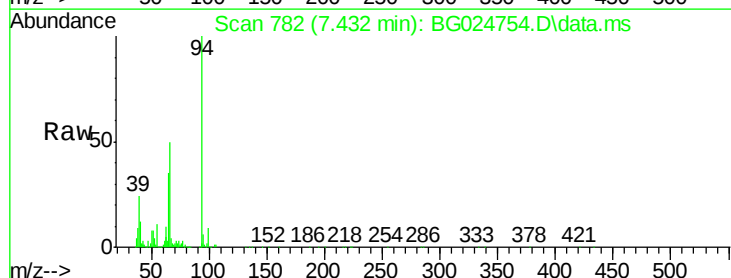
Tgt Ion: 94 Resp: 436166

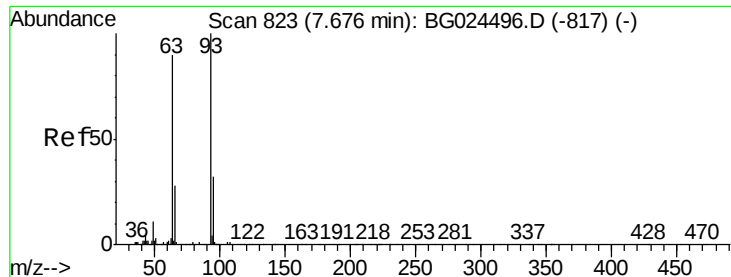
Ion Ratio Lower Upper

94 100

65 35.2 20.6 60.6

66 49.9 35.5 75.5

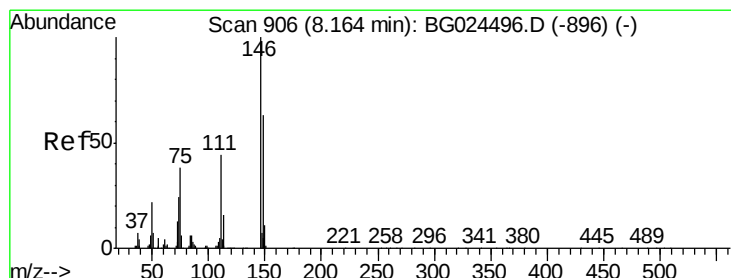
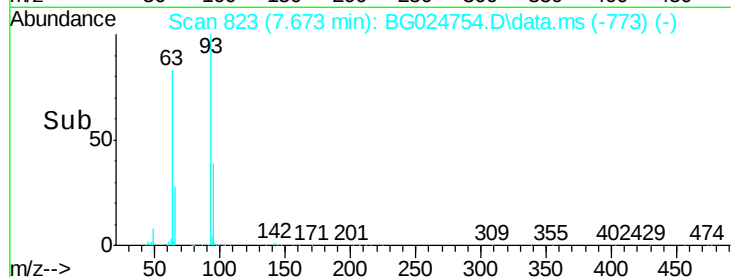
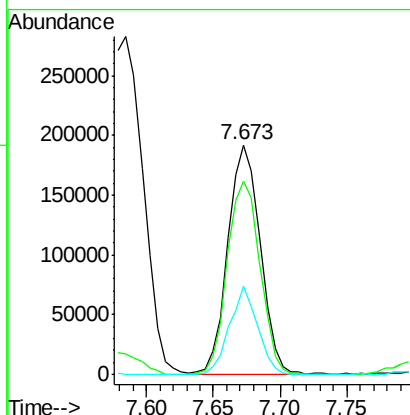
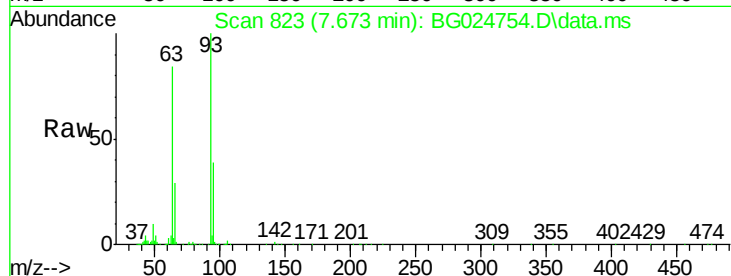




#11  
bis(2-Chloroethyl)ether  
Concen: 41.89 ng  
RT: 7.673 min Scan# 82  
Delta R.T. -0.003 min  
Lab File: BG024754.D  
Acq: 8 Nov 2016 11:36

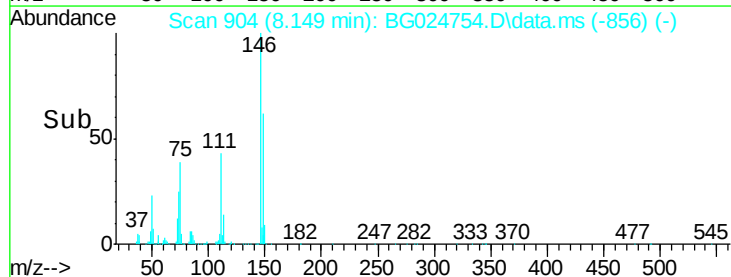
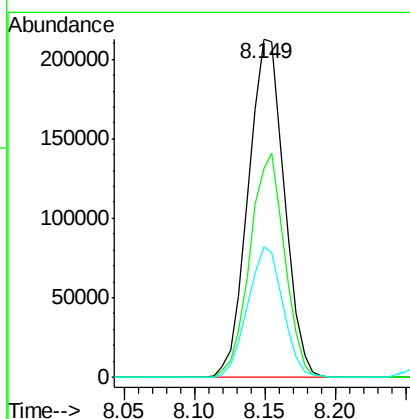
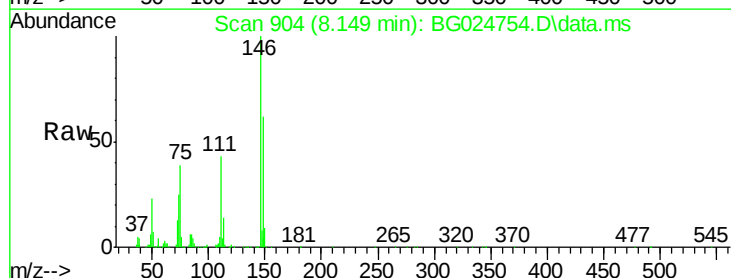
Instrument :  
BNA\_G  
ClientSampleId :

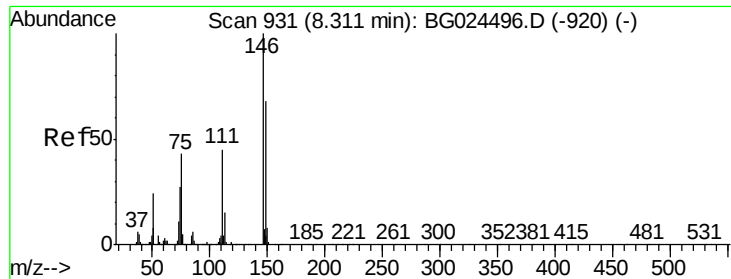
Tot Ion: 93 Resp: 327315  
Ion Ratio Lower Upper  
93 100  
63 84.1 78.5 118.5  
95 38.7 9.8 49.8



#12  
1,3-Dichlorobenzene  
Concen: 41.17 ng  
RT: 8.149 min Scan# 904  
Delta R.T. -0.015 min  
Lab File: BG024754.D  
Acq: 8 Nov 2016 11:36

Tgt Ion: 146 Resp: 381174  
Ion Ratio Lower Upper  
146 100  
148 61.7 49.2 73.8  
75 38.8 33.4 50.2





#13

1,4-Dichlorobenzene

Concen: 41.26 ng

RT: 8.301 min Scan# 931

Delta R.T. -0.009 min

Lab File: BG024754.D

Acq: 8 Nov 2016 11:36

Instrument :

BNA\_G

ClientSampleId :

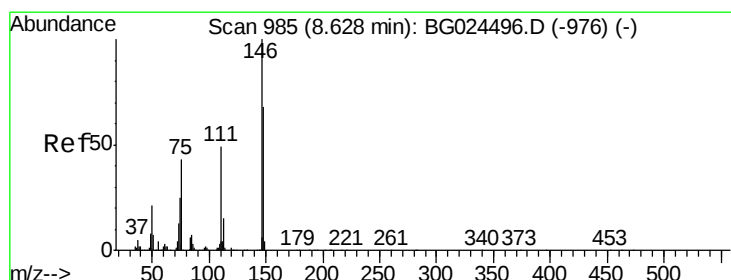
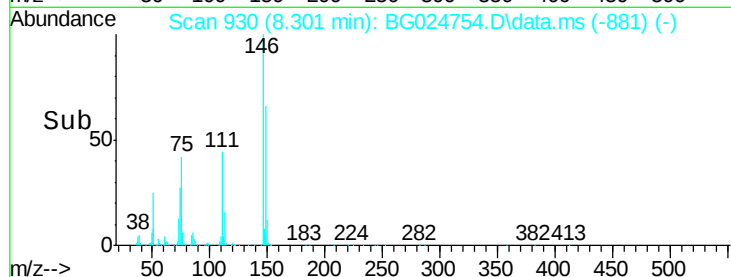
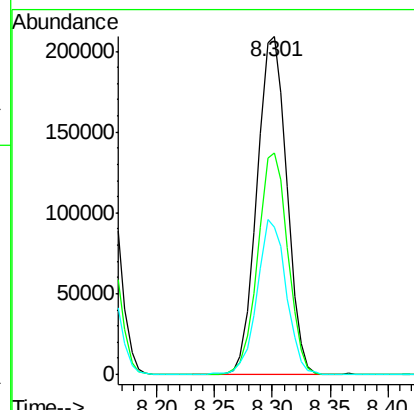
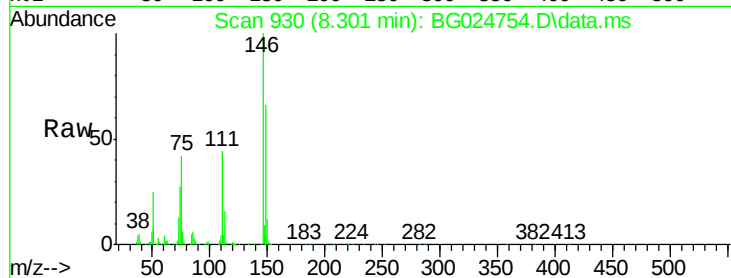
Tot Ion:146 Resp: 377345

Ion Ratio Lower Upper

146 100

148 65.6 52.2 78.2

111 43.7 37.0 55.6



#14

1,2-Dichlorobenzene

Concen: 40.54 ng

RT: 8.619 min Scan# 984

Delta R.T. -0.009 min

Lab File: BG024754.D

Acq: 8 Nov 2016 11:36

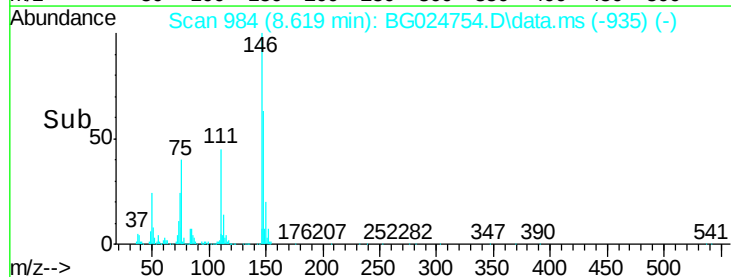
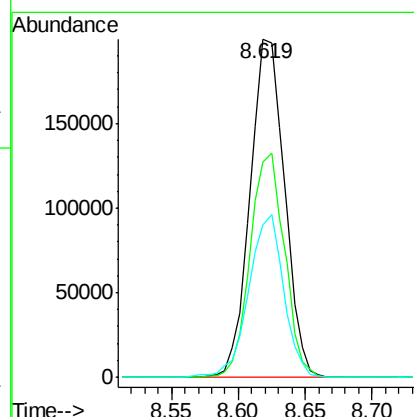
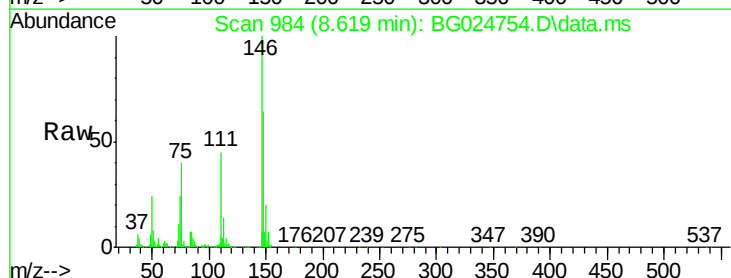
Tgt Ion:146 Resp: 356401

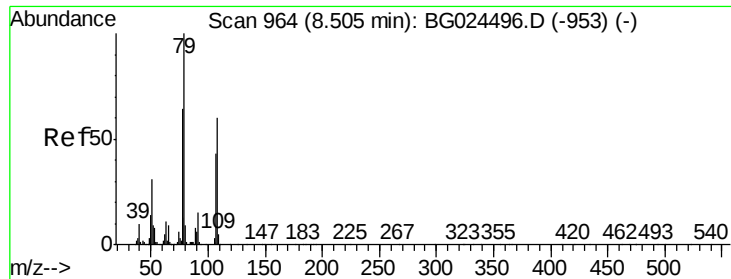
Ion Ratio Lower Upper

146 100

148 63.7 54.6 81.8

111 45.2 39.7 59.5





#15

Benzyl Alcohol

Concen: 41.95 ng

RT: 8.501 min Scan# 96

Delta R.T. -0.003 min

Lab File: BG024754.D

Acq: 8 Nov 2016 11:36

Instrument :

BNA\_G

ClientSampleId :

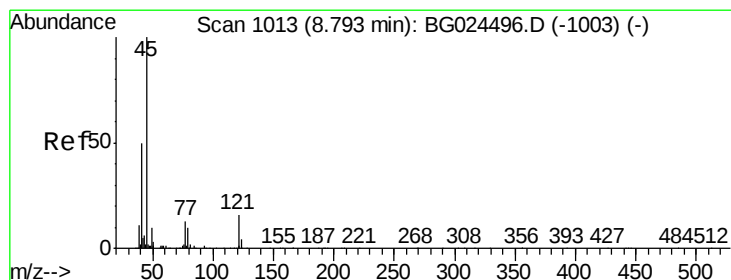
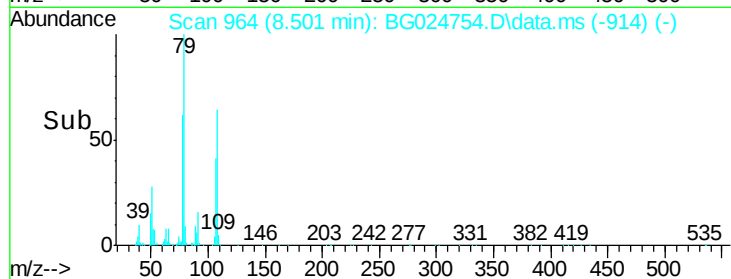
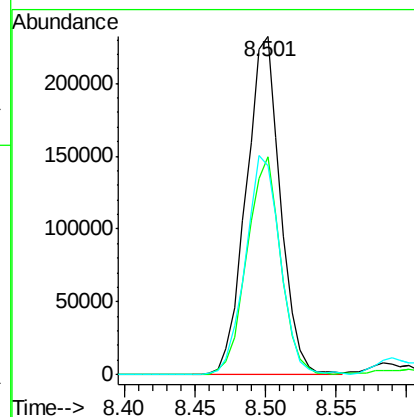
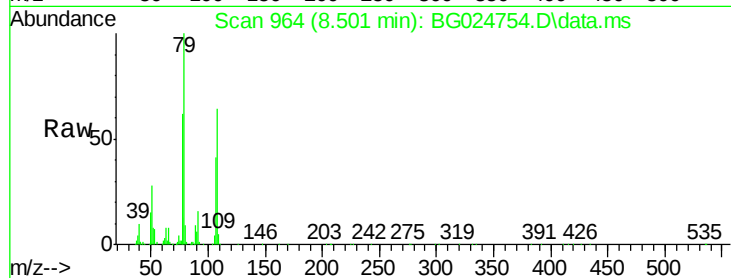
Tot Ion: 79 Resp: 393710

Ion Ratio Lower Upper

79 100

108 64.5 45.5 68.3

77 61.9 54.3 81.5



#16

2,2'-oxybis(1-Chloropropane)

Concen: 38.20 ng

RT: 8.783 min Scan# 1012

Delta R.T. -0.009 min

Lab File: BG024754.D

Acq: 8 Nov 2016 11:36

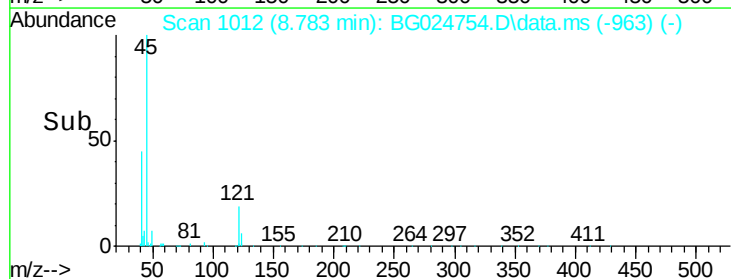
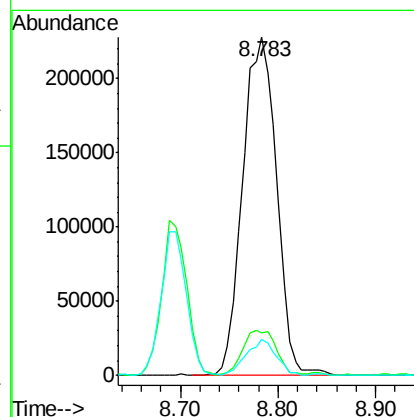
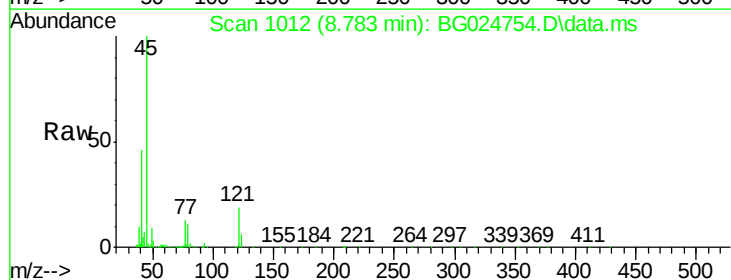
Tgt Ion: 45 Resp: 553768

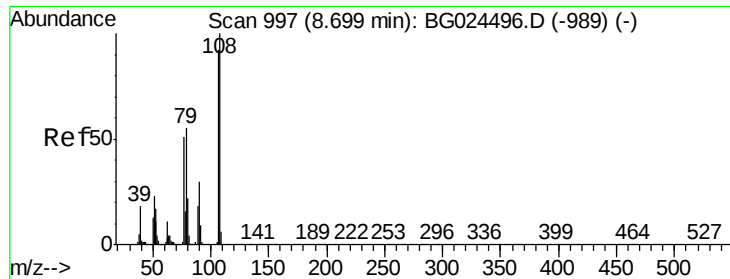
Ion Ratio Lower Upper

45 100

77 12.5 0.0 30.6

79 10.6 0.0 28.5

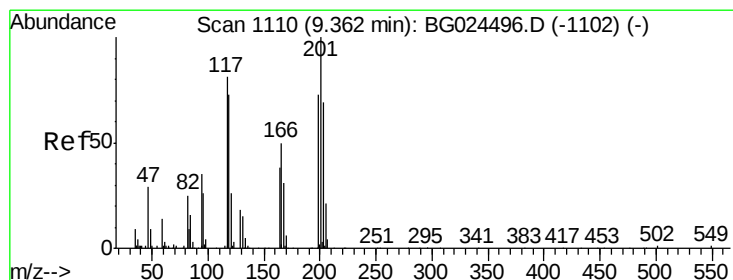
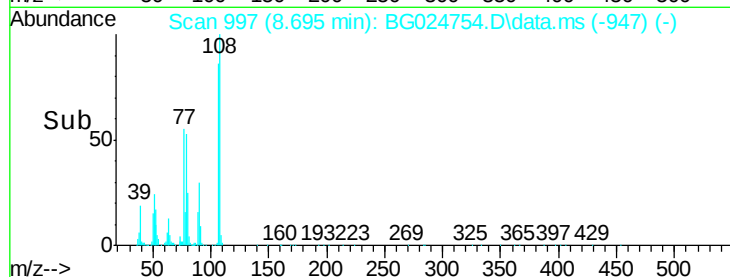
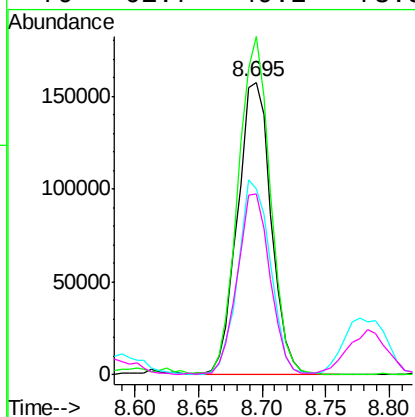
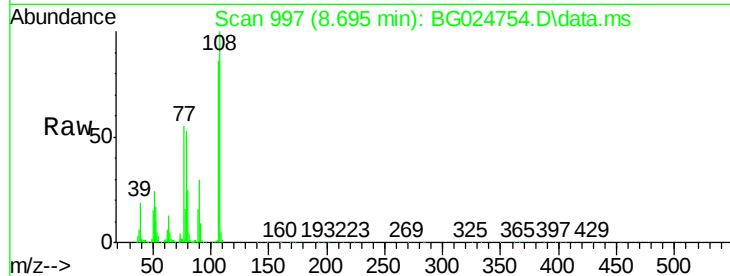




#17  
2-Methylphenol  
Concen: 42.00 ng  
RT: 8.695 min Scan# 99  
Delta R.T. -0.003 min  
Lab File: BG024754.D  
Acq: 8 Nov 2016 11:36

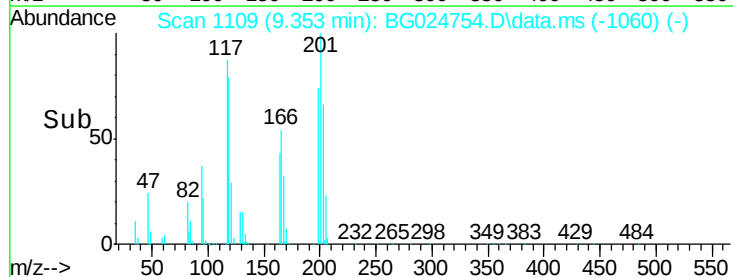
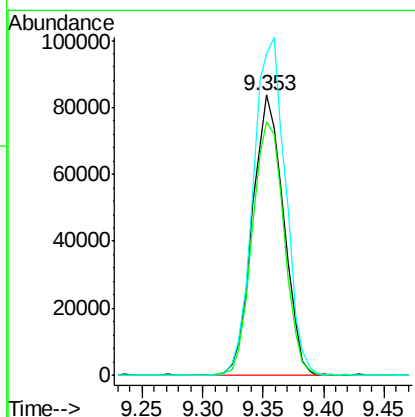
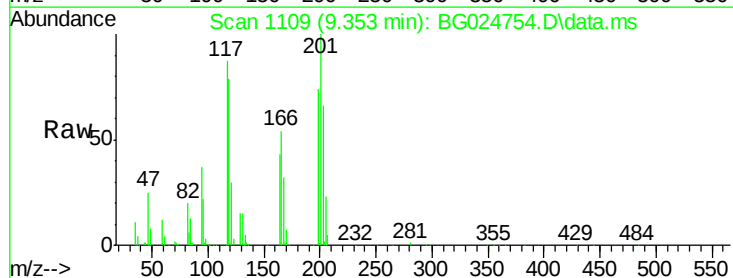
Instrument :  
BNA\_G  
ClientSampleId :

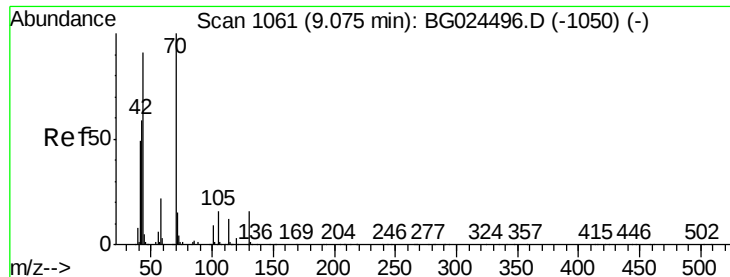
|          |       |       |        |
|----------|-------|-------|--------|
| Tot Ion: | 107   | Resp: | 289459 |
| Ion      | Ratio | Lower | Upper  |
| 107      | 100   |       |        |
| 108      | 115.7 | 85.6  | 128.4  |
| 77       | 63.5  | 51.4  | 77.2   |
| 79       | 61.7  | 49.2  | 73.8   |



#18  
Hexachloroethane  
Concen: 42.74 ng  
RT: 9.353 min Scan# 1109  
Delta R.T. -0.009 min  
Lab File: BG024754.D  
Acq: 8 Nov 2016 11:36

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 117   | Resp: | 150245 |
| Ion      | Ratio | Lower | Upper  |
| 117      | 100   |       |        |
| 119      | 90.7  | 69.8  | 104.6  |
| 201      | 114.9 | 95.4  | 143.0  |

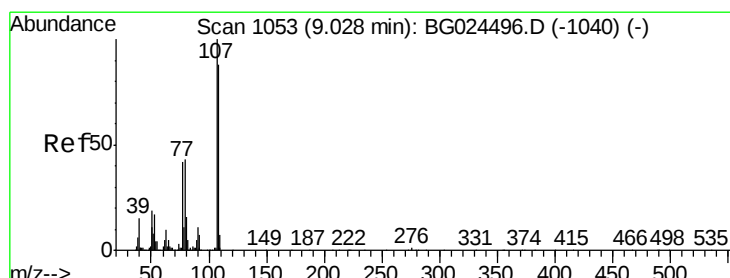
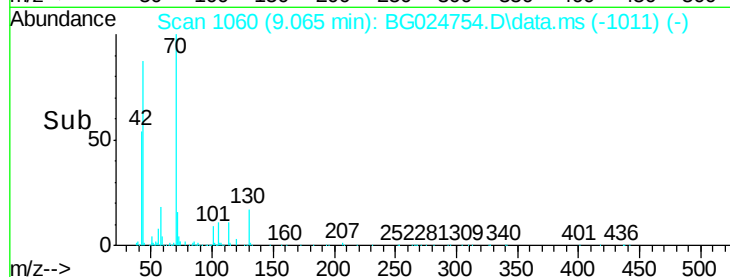
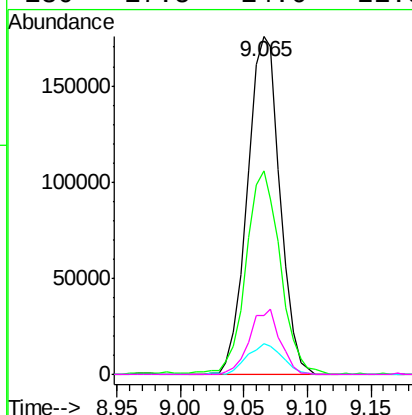
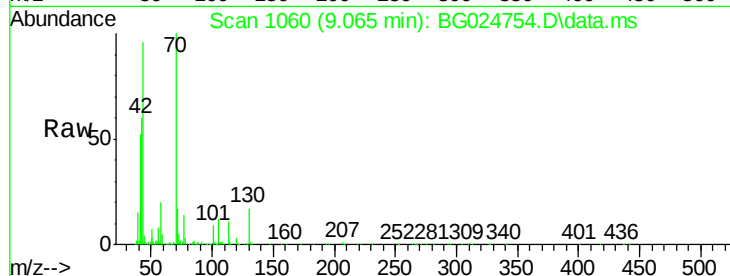




#19  
n-Nitroso-di-n-propylamine  
Concen: 42.20 ng  
RT: 9.065 min Scan# 1061  
Delta R.T. -0.009 min  
Lab File: BG024754.D  
Acq: 8 Nov 2016 11:36

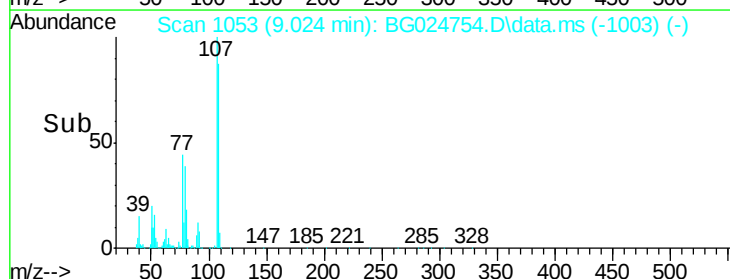
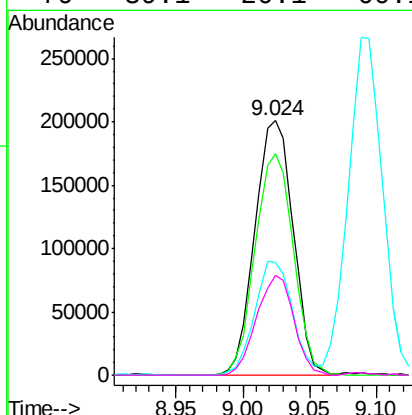
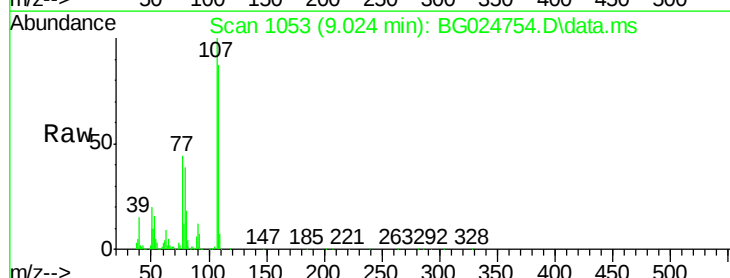
Instrument :  
BNA\_G  
ClientSampleId :

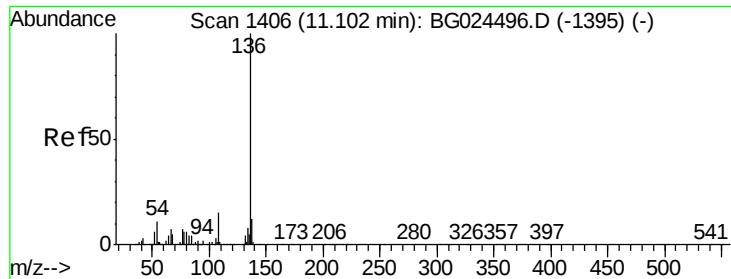
| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 70      | 100   |       |       |
| 42      | 60.2  | 56.1  | 84.1  |
| 101     | 9.1   | 7.5   | 11.3  |
| 130     | 17.5  | 14.6  | 21.8  |



#20  
3+4-Methylphenols  
Concen: 43.23 ng  
RT: 9.024 min Scan# 1053  
Delta R.T. -0.003 min  
Lab File: BG024754.D  
Acq: 8 Nov 2016 11:36

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 107     | 100   |       |       |
| 108     | 87.3  | 70.8  | 110.8 |
| 77      | 44.3  | 25.8  | 65.8  |
| 79      | 39.1  | 20.1  | 60.1  |

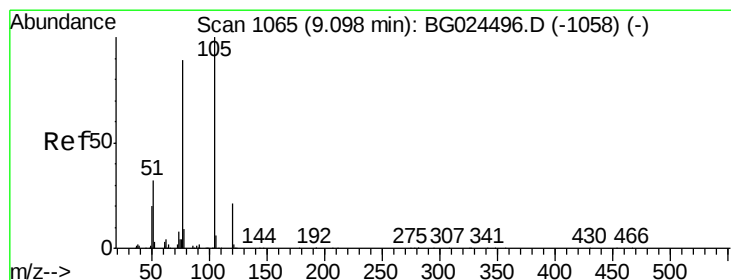
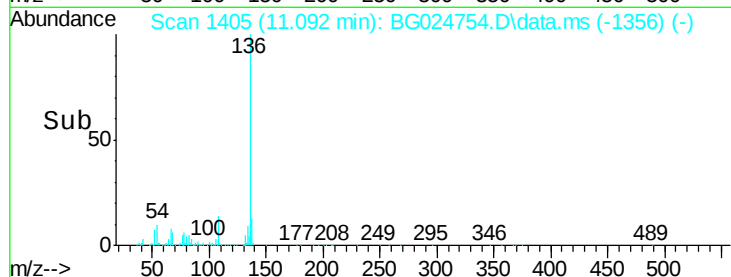
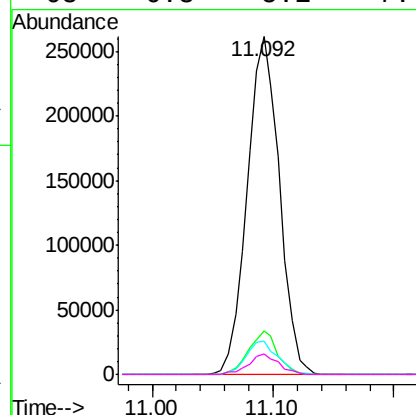
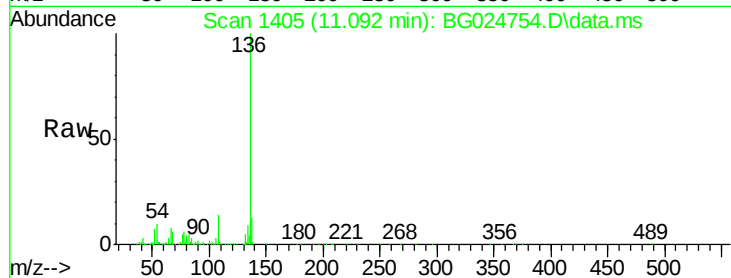




#21  
Naphthalene-d8  
Concen: 20.00 ng  
RT: 11.092 min Scan# 1406  
Delta R.T. -0.009 min  
Lab File: BG024754.D  
Acq: 8 Nov 2016 11:36

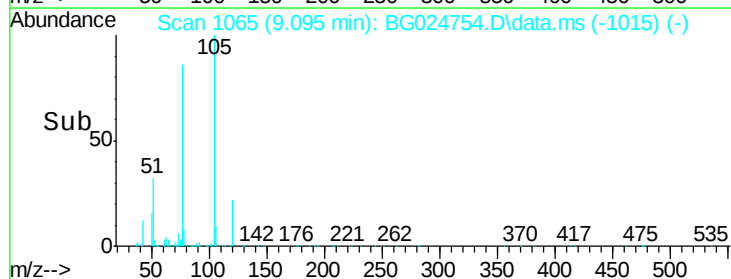
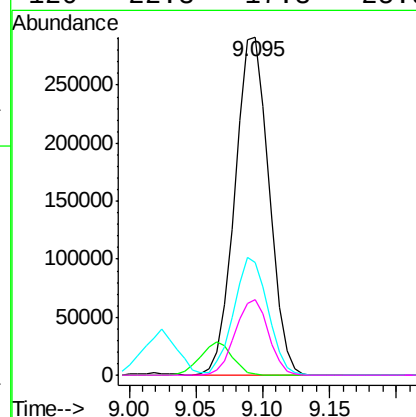
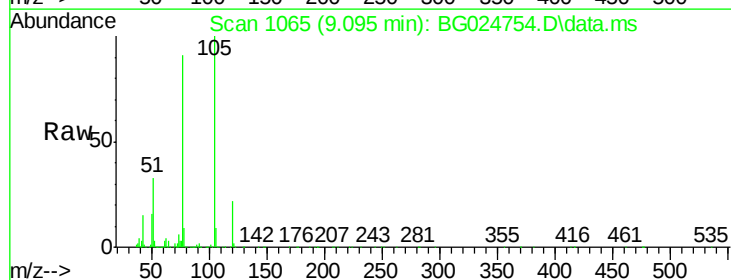
Instrument :  
BNA\_G  
ClientSampleId :

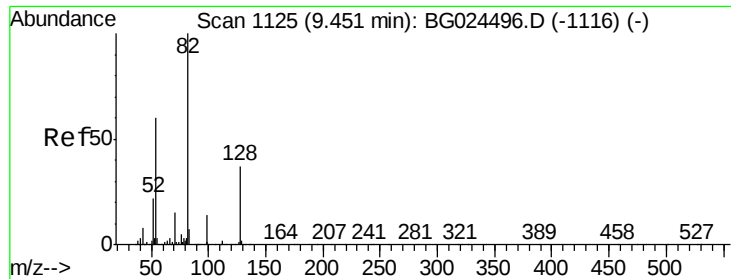
|             |       |          |
|-------------|-------|----------|
| Tot Ion:136 | Resp: | 484602   |
| Ion Ratio   | Lower | Upper    |
| 136         | 100   |          |
| 137         | 12.8  | 8.9 13.3 |
| 54          | 10.3  | 9.3 13.9 |
| 68          | 6.3   | 5.1 7.7  |



#22  
Acetophenone  
Concen: 41.58 ng  
RT: 9.095 min Scan# 1065  
Delta R.T. -0.003 min  
Lab File: BG024754.D  
Acq: 8 Nov 2016 11:36

|             |       |            |
|-------------|-------|------------|
| Tgt Ion:105 | Resp: | 517576     |
| Ion Ratio   | Lower | Upper      |
| 105         | 100   |            |
| 71          | 0.3   | 0.9 1.3#   |
| 51          | 33.4  | 34.0 51.0# |
| 120         | 22.3  | 17.3 25.9  |

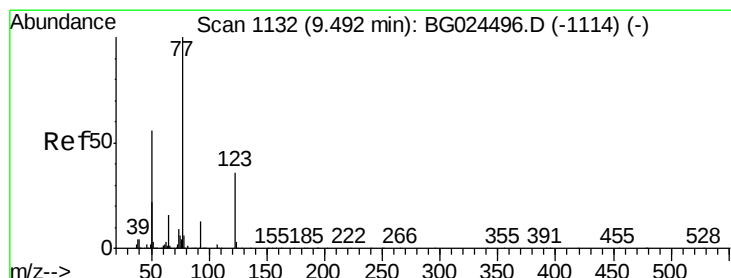
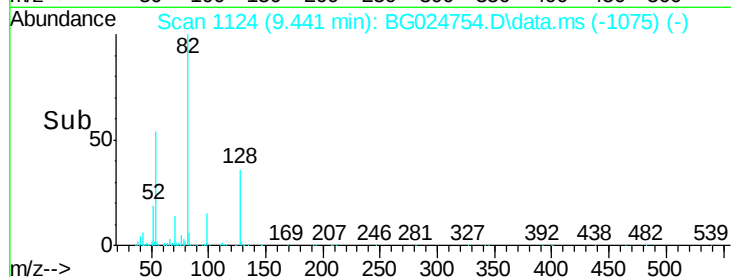
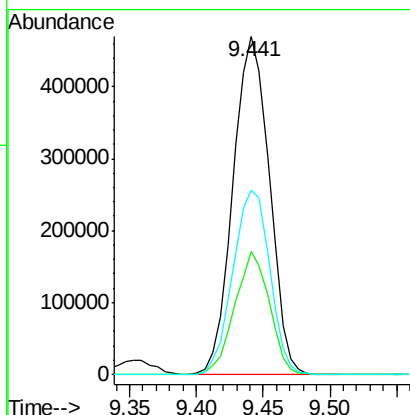
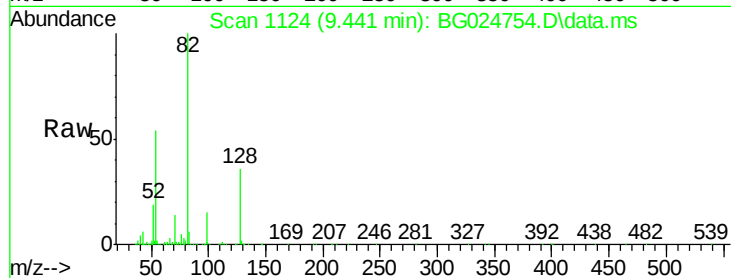




#23  
 Nitrobenzene-d5  
 Concen: 83.37 ng  
 RT: 9.441 min Scan# 111  
 Delta R.T. -0.009 min  
 Lab File: BG024754.D  
 Acq: 8 Nov 2016 11:36

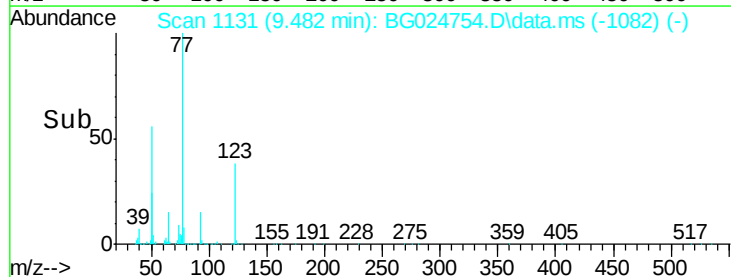
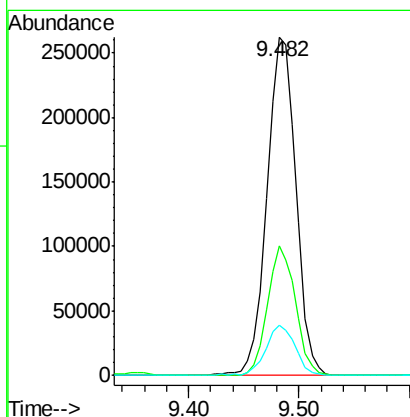
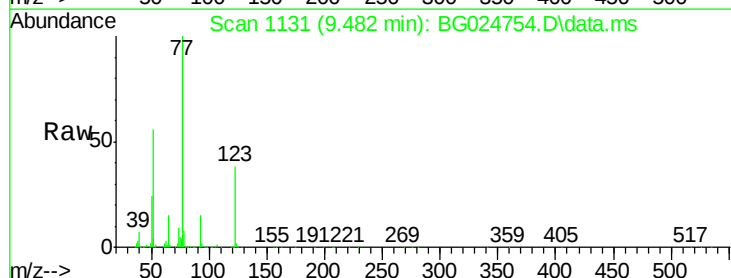
Instrument :  
 BNA\_G  
 ClientSampleId :

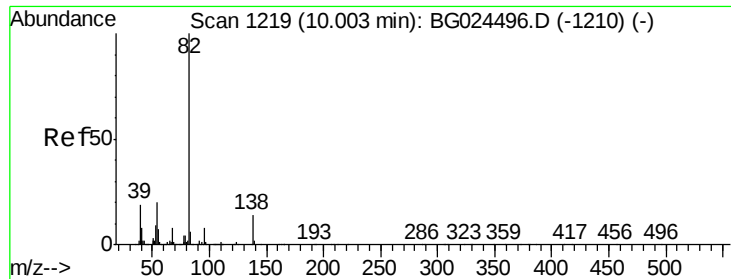
| Tot Ion   | 82   | Resp  | 887365 |
|-----------|------|-------|--------|
| Ion Ratio | 100  | Lower | Upper  |
| 128       | 36.2 | 26.4  | 39.6   |
| 54        | 54.5 | 49.4  | 74.2   |



#24  
 Nitrobenzene  
 Concen: 40.59 ng  
 RT: 9.482 min Scan# 1131  
 Delta R.T. -0.009 min  
 Lab File: BG024754.D  
 Acq: 8 Nov 2016 11:36

| Tgt Ion   | 77   | Resp  | 480610 |
|-----------|------|-------|--------|
| Ion Ratio | 100  | Lower | Upper  |
| 123       | 38.2 | 26.1  | 39.1   |
| 65        | 14.7 | 12.4  | 18.6   |





#25

Isophorone

Concen: 41.05 ng

RT: 9.999 min Scan# 1219

Delta R.T. -0.003 min

Lab File: BG024754.D

Acq: 8 Nov 2016 11:36

Instrument :

BNA\_G

ClientSampleId :

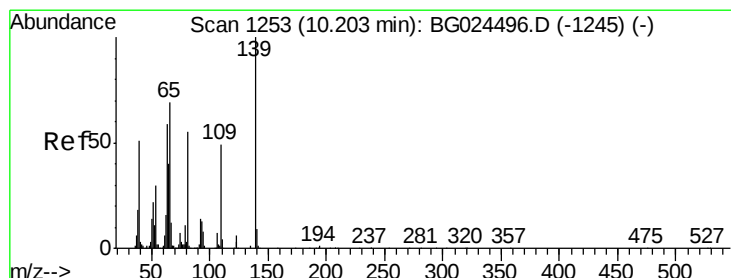
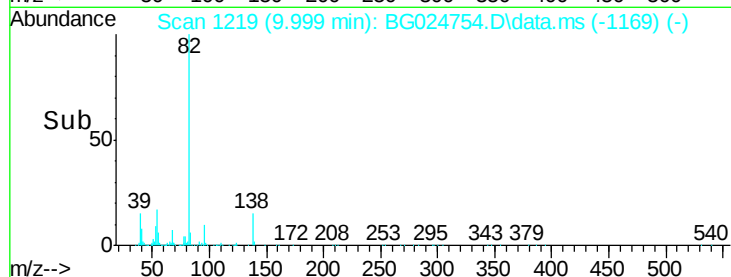
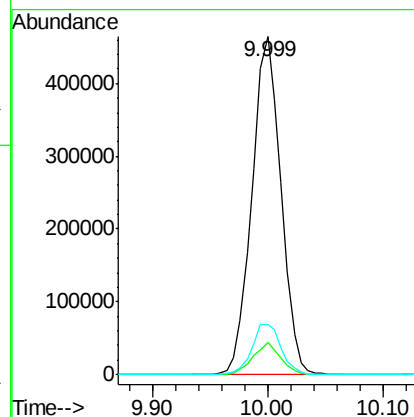
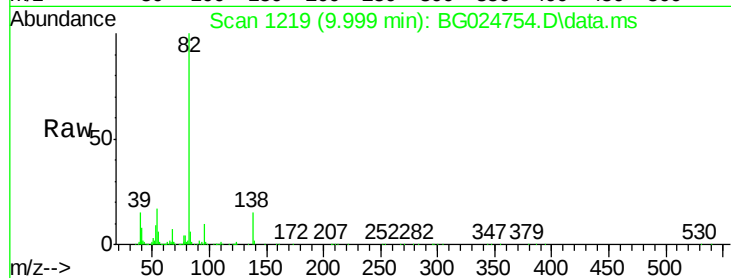
Tot Ion: 82 Resp: 812726

Ion Ratio Lower Upper

82 100

95 9.6 7.5 11.3

138 15.0 12.3 18.5



#26

2-Nitrophenol

Concen: 44.42 ng

RT: 10.193 min Scan# 1252

Delta R.T. -0.009 min

Lab File: BG024754.D

Acq: 8 Nov 2016 11:36

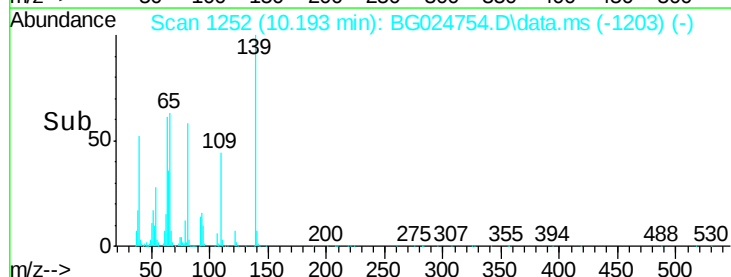
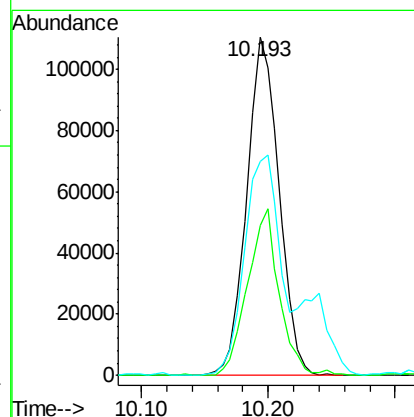
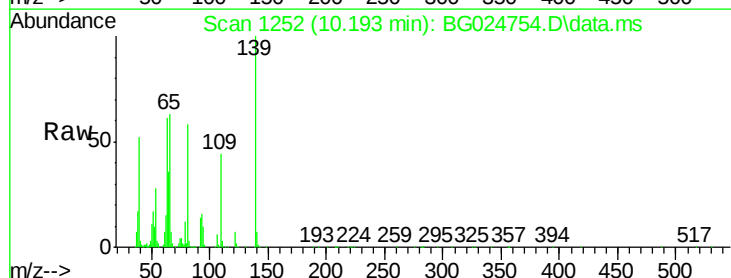
Tgt Ion: 139 Resp: 195204

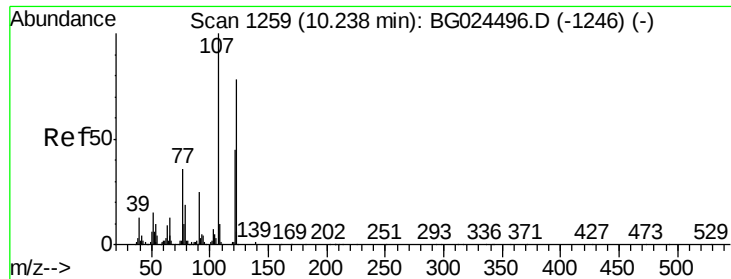
Ion Ratio Lower Upper

139 100

109 44.2 38.6 58.0

65 63.5 57.1 85.7

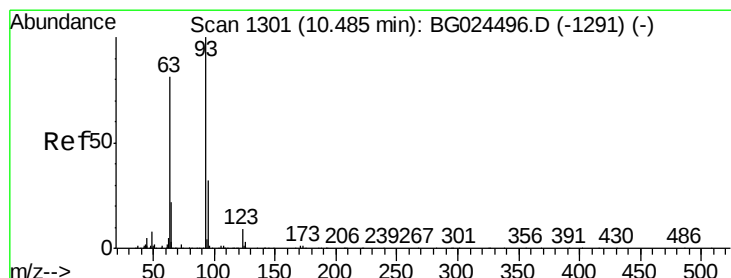
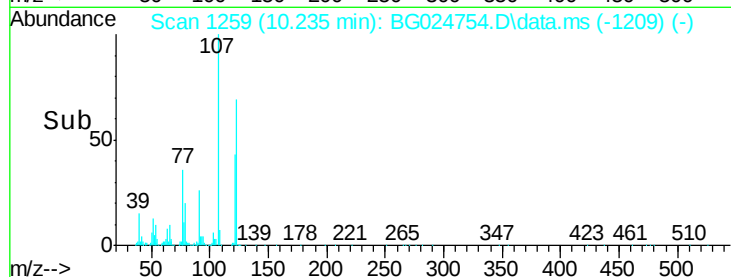
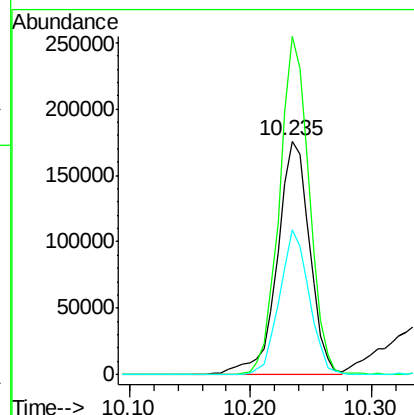
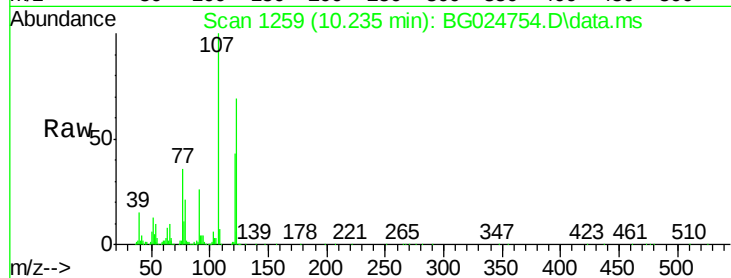




#27  
2,4-Dimethylphenol  
Concen: 42.03 ng  
RT: 10.235 min Scan# 12  
Delta R.T. -0.003 min  
Lab File: BG024754.D  
Acq: 8 Nov 2016 11:36

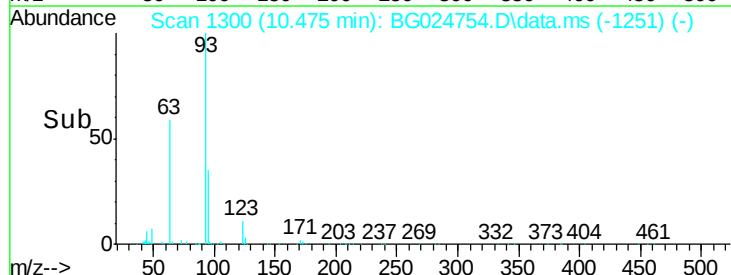
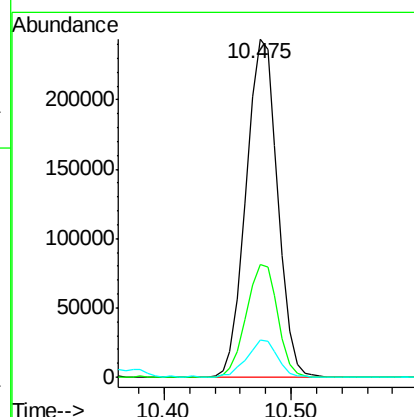
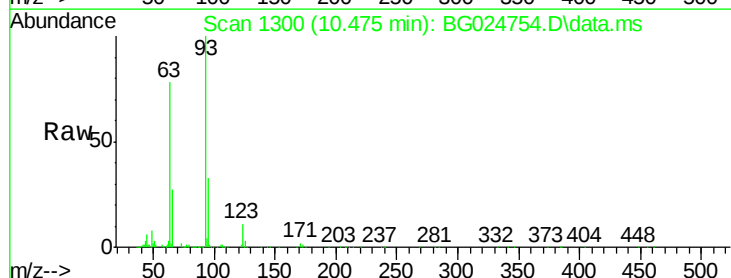
Instrument :  
BNA\_G  
ClientSampled :

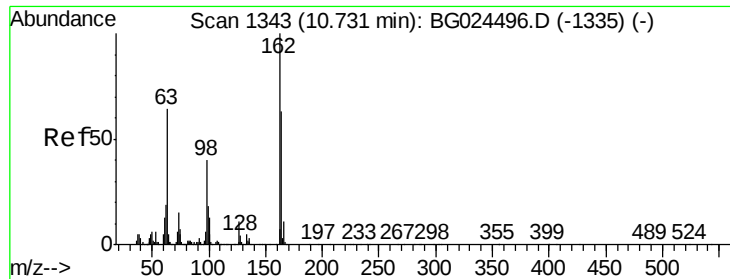
| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 122     | 100   |       |       |
| 107     | 144.6 | 104.2 | 156.4 |
| 121     | 61.7  | 46.0  | 69.0  |



#28  
bis(2-Chloroethoxy)methane  
Concen: 41.01 ng  
RT: 10.475 min Scan# 1300  
Delta R.T. -0.009 min  
Lab File: BG024754.D  
Acq: 8 Nov 2016 11:36

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 93      | 100   |       |       |
| 95      | 33.4  | 25.7  | 38.5  |
| 123     | 11.1  | 8.3   | 12.5  |

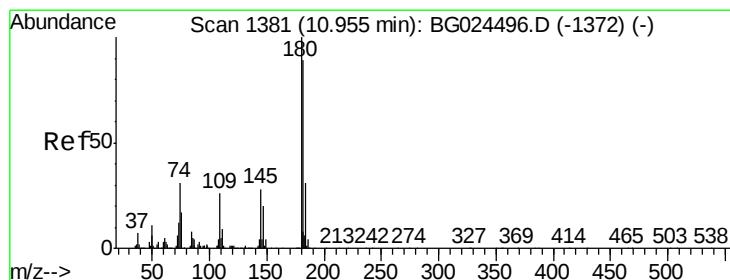
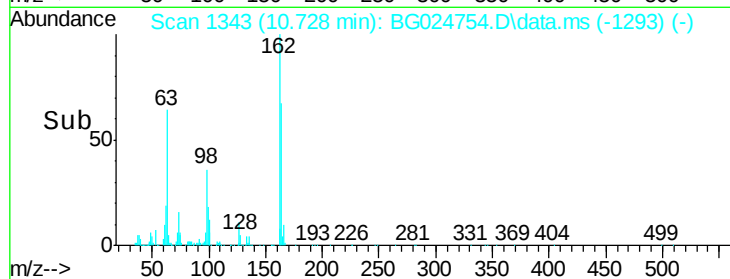
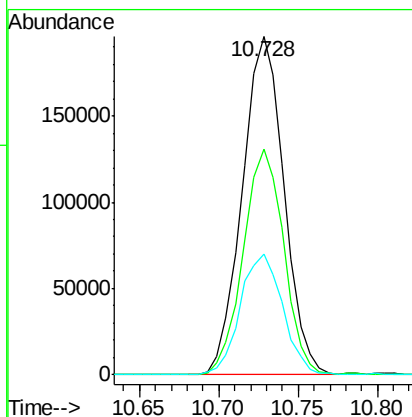
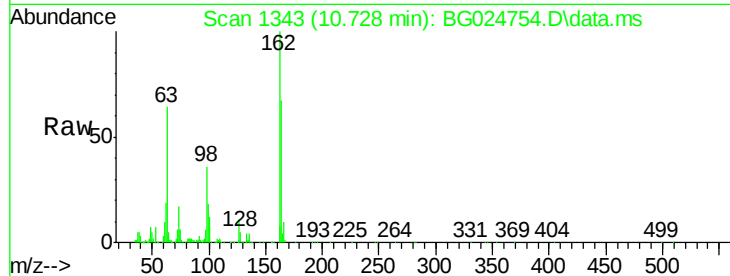




#29  
 2,4-Dichlorophenol  
 Concen: 44.35 ng  
 RT: 10.728 min Scan# 1343  
 Delta R.T. -0.003 min  
 Lab File: BG024754.D  
 Acq: 8 Nov 2016 11:36

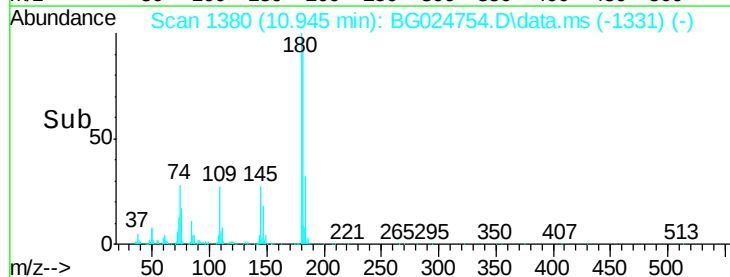
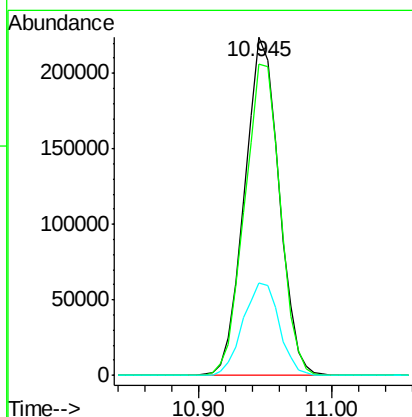
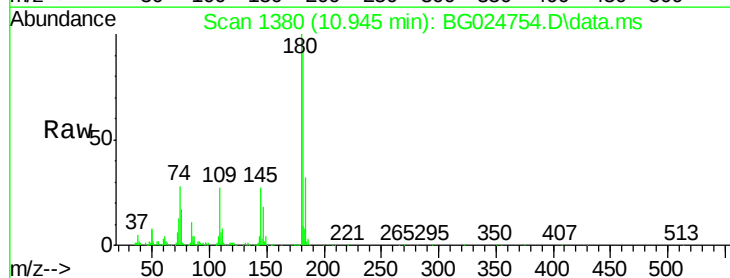
Instrument :  
 BNA\_G  
 ClientSampleId :

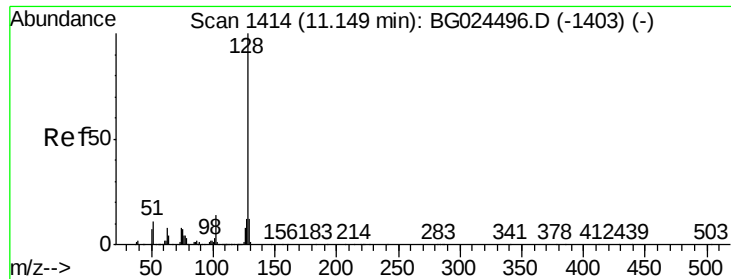
| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 162     | 100   |       |       |
| 164     | 66.5  | 42.4  | 82.4  |
| 98      | 35.7  | 20.3  | 60.3  |



#30  
 1,2,4-Trichlorobenzene  
 Concen: 41.55 ng  
 RT: 10.945 min Scan# 1380  
 Delta R.T. -0.009 min  
 Lab File: BG024754.D  
 Acq: 8 Nov 2016 11:36

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 180     | 100   |       |       |
| 182     | 92.2  | 77.0  | 115.4 |
| 145     | 27.3  | 23.4  | 35.0  |

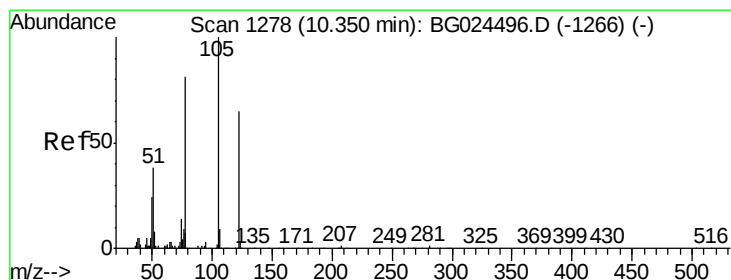
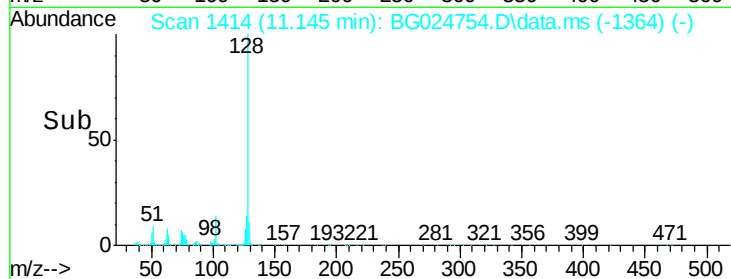
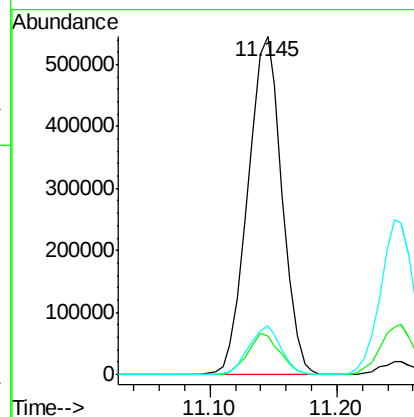
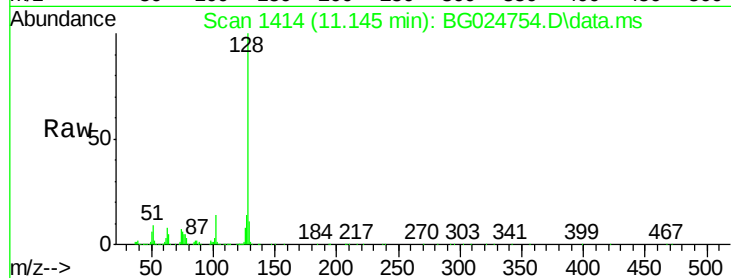




#31  
Naphthalene  
Concen: 41.95 ng  
RT: 11.145 min Scan# 1414  
Delta R.T. -0.003 min  
Lab File: BG024754.D  
Acq: 8 Nov 2016 11:36

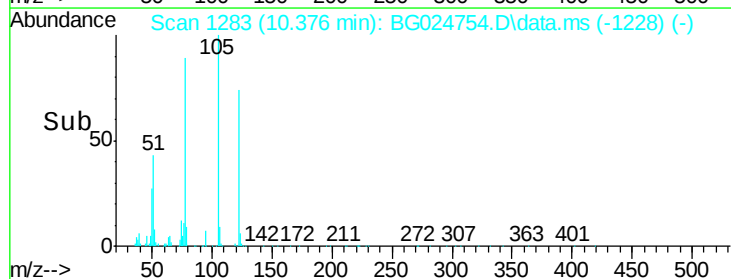
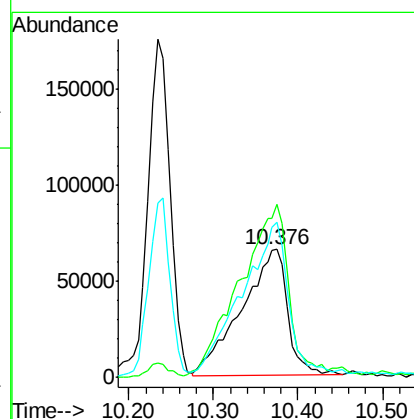
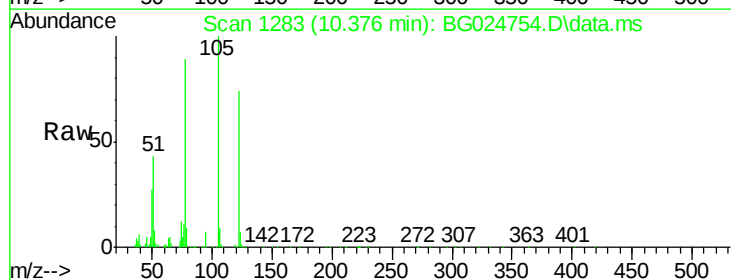
Instrument :  
BNA\_G  
ClientSampleId :

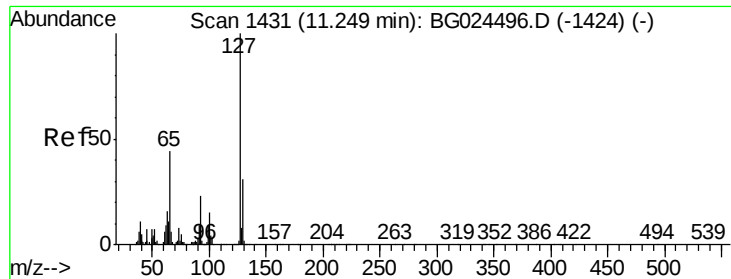
Tot Ion:128 Resp: 1014133  
Ion Ratio Lower Upper  
128 100  
129 11.3 9.3 13.9  
127 14.3 11.4 17.0



#32  
Benzoic acid  
Concen: 39.35 ng  
RT: 10.376 min Scan# 1283  
Delta R.T. 0.026 min  
Lab File: BG024754.D  
Acq: 8 Nov 2016 11:36

Tgt Ion:122 Resp: 252112  
Ion Ratio Lower Upper  
122 100  
105 135.3 120.1 160.1  
77 121.1 104.6 144.6

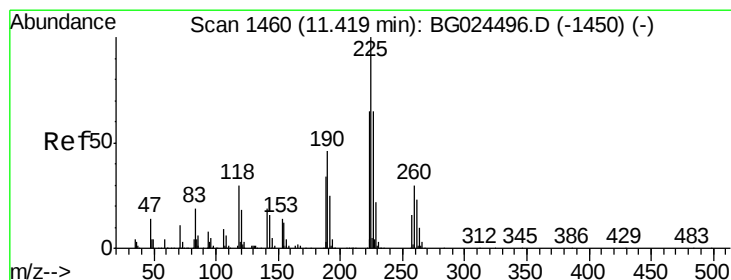
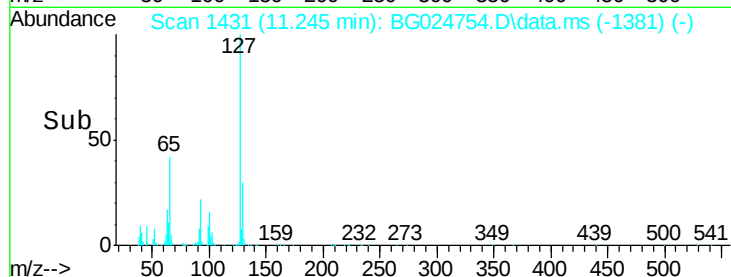
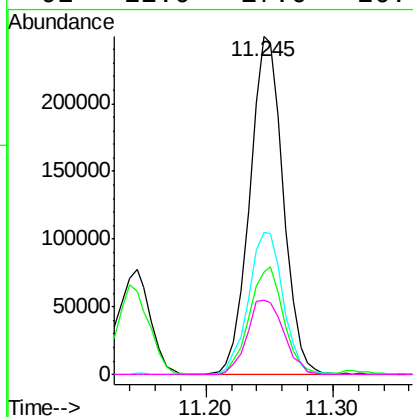
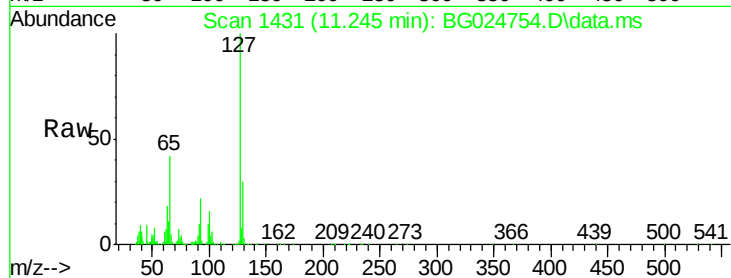




#33  
4-Chloroaniline  
Concen: 43.54 ng  
RT: 11.245 min Scan# 1431  
Delta R.T. -0.003 min  
Lab File: BG024754.D  
Acq: 8 Nov 2016 11:36

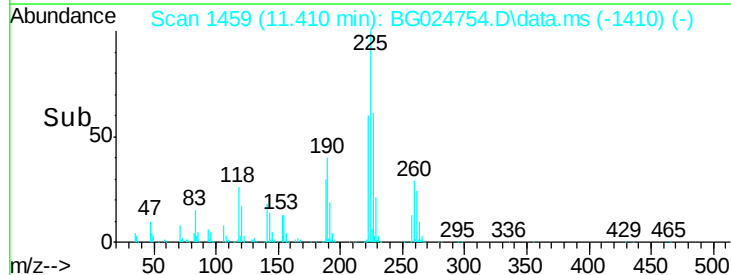
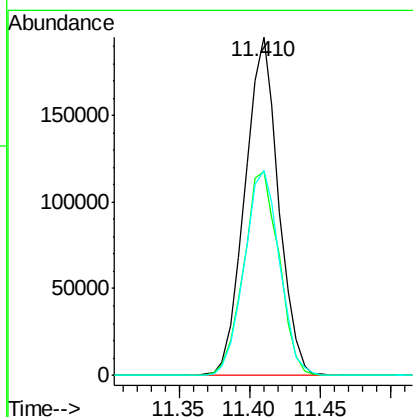
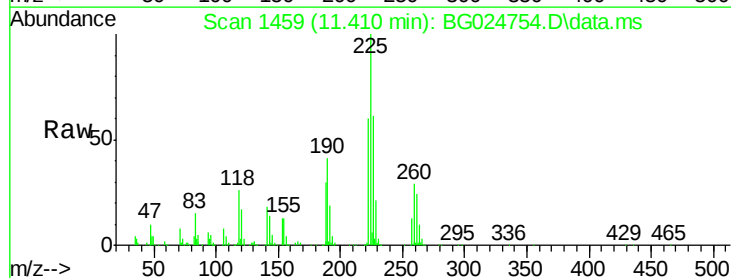
Instrument :  
BNA\_G  
ClientSampleId :

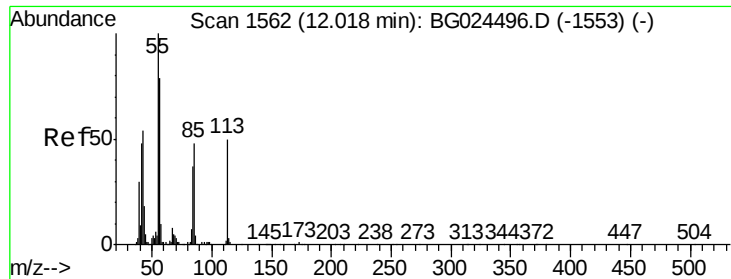
|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 127   | Resp: | 456923 |
| Ion Ratio | Lower | Upper |        |
| 127       | 100   |       |        |
| 129       | 30.3  | 23.6  | 35.4   |
| 65        | 42.3  | 37.7  | 56.5   |
| 92        | 22.0  | 17.6  | 26.4   |



#34  
Hexachlorobutadiene  
Concen: 43.30 ng  
RT: 11.410 min Scan# 1459  
Delta R.T. -0.009 min  
Lab File: BG024754.D  
Acq: 8 Nov 2016 11:36

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 225   | Resp: | 324637 |
| Ion Ratio | Lower | Upper |        |
| 225       | 100   |       |        |
| 223       | 60.2  | 50.7  | 76.1   |
| 227       | 60.8  | 49.0  | 73.6   |





#35

Caprolactam

Concen: 42.83 ng

RT: 12.027 min Scan# 15

Delta R.T. 0.008 min

Lab File: BG024754.D

Acq: 8 Nov 2016 11:36

Instrument :

BNA\_G

ClientSampleId :

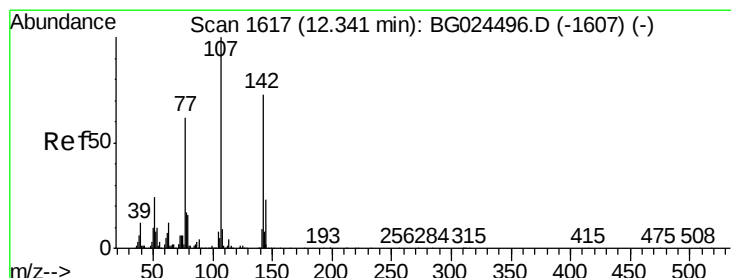
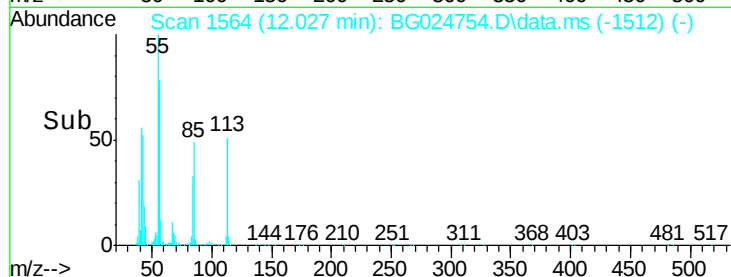
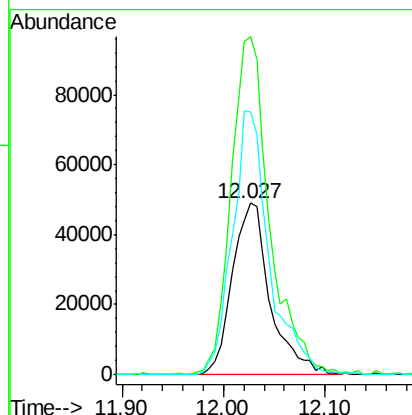
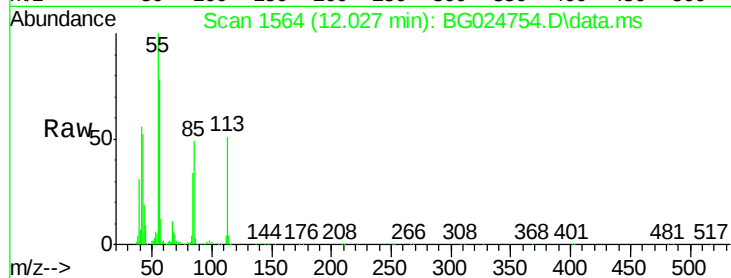
Tot Ion:113 Resp: 126610

Ion Ratio Lower Upper

113 100

55 197.4 198.6 238.6#

56 153.5 140.4 180.4



#36

4-Chloro-3-methylphenol

Concen: 43.58 ng

RT: 12.344 min Scan# 1618

Delta R.T. 0.002 min

Lab File: BG024754.D

Acq: 8 Nov 2016 11:36

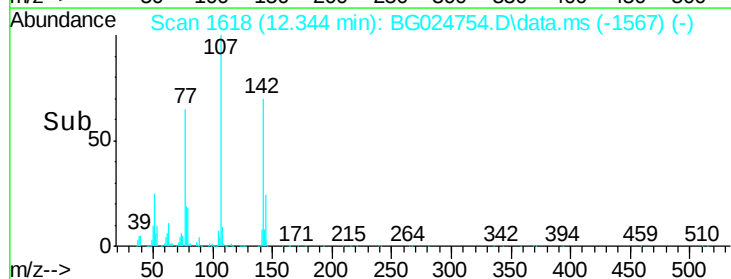
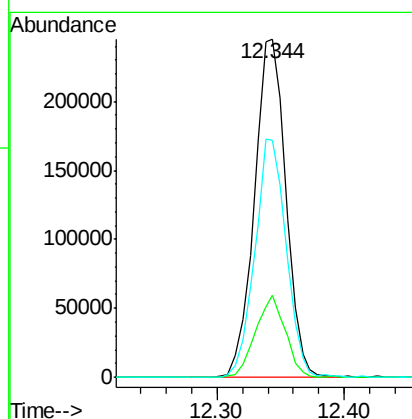
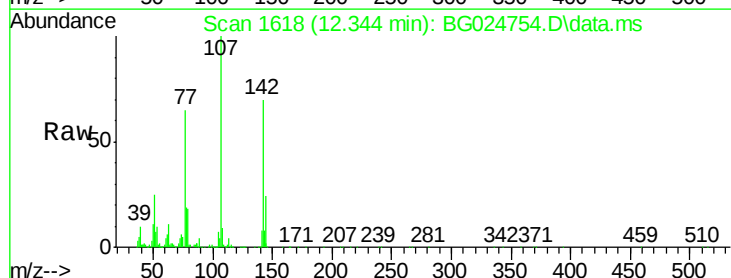
Tgt Ion:107 Resp: 424887

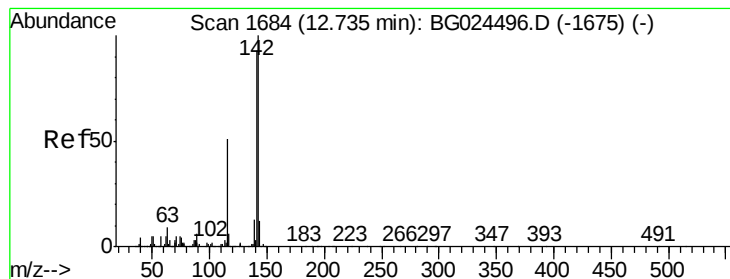
Ion Ratio Lower Upper

107 100

144 24.2 17.4 26.0

142 70.2 54.1 81.1





#37

2-Methylnaphthalene

Concen: 43.37 ng

RT: 12.726 min Scan# 16

Delta R.T. -0.009 min

Lab File: BG024754.D

Acq: 8 Nov 2016 11:36

Instrument :

BNA\_G

ClientSampleId :

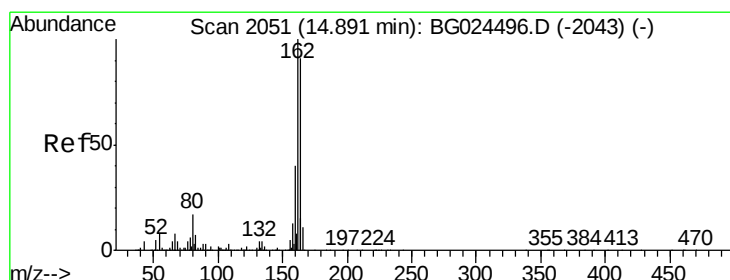
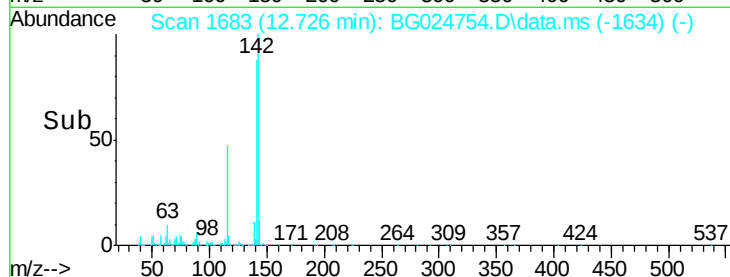
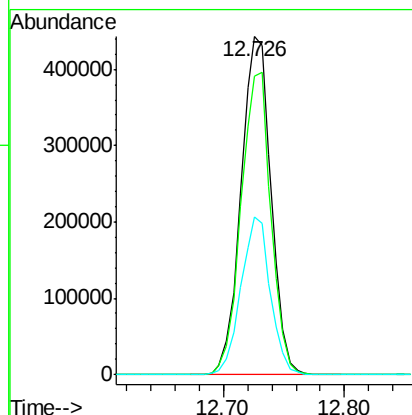
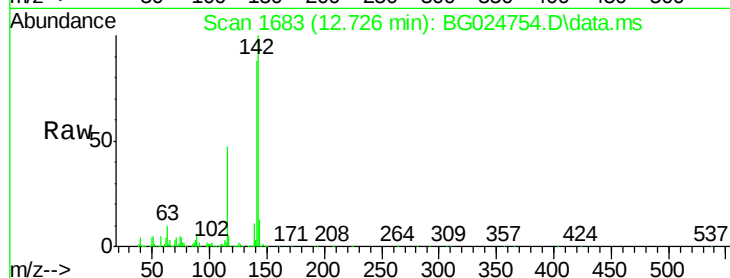
Tot Ion:142 Resp: 764891

Ion Ratio Lower Upper

142 100

141 88.4 70.4 105.6

115 46.7 35.5 53.3



#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 14.882 min Scan# 2050

Delta R.T. -0.009 min

Lab File: BG024754.D

Acq: 8 Nov 2016 11:36

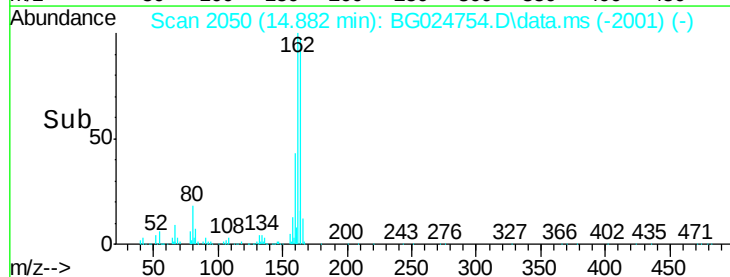
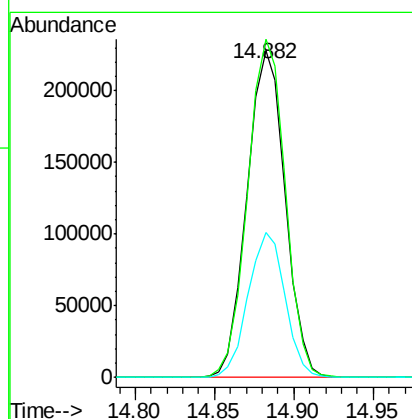
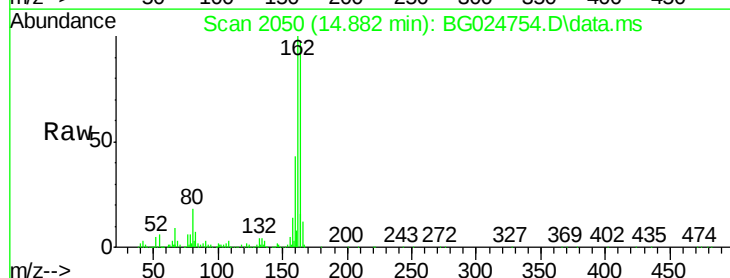
Tgt Ion:164 Resp: 380336

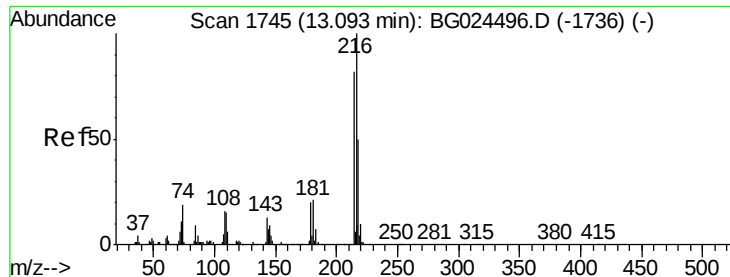
Ion Ratio Lower Upper

164 100

162 103.5 85.1 127.7

160 44.3 34.7 52.1





#39

1,2,4,5-Tetrachlorobenzene

Concen: 42.76 ng

RT: 13.084 min Scan# 1745

Delta R.T. -0.009 min

Lab File: BG024754.D

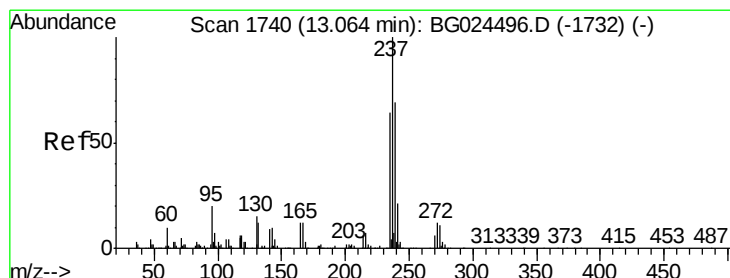
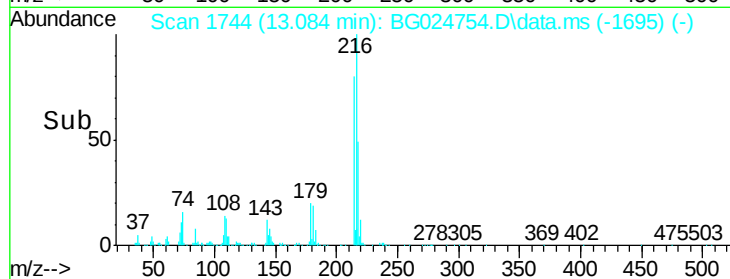
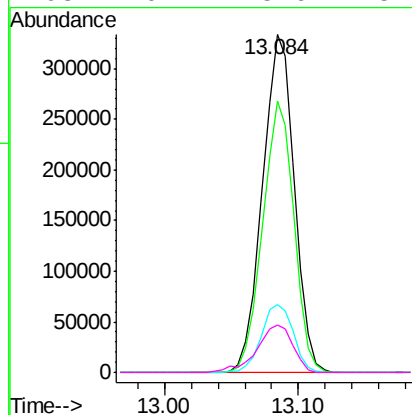
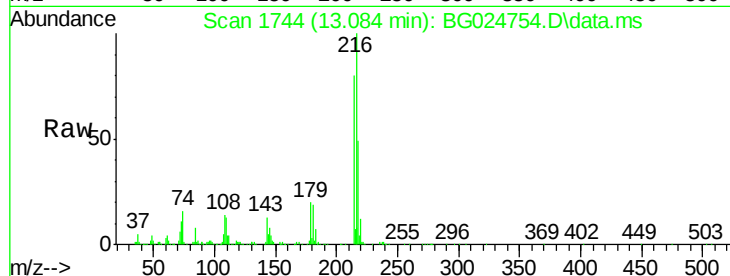
Acq: 8 Nov 2016 11:36

Instrument :

BNA\_G

ClientSampleId :

|           |      |       |        |
|-----------|------|-------|--------|
| Tot Ion:  | 216  | Resp: | 548512 |
| Ion Ratio |      | Lower | Upper  |
| 216       | 100  |       |        |
| 214       | 78.9 | 64.4  | 96.6   |
| 179       | 20.2 | 17.4  | 26.0   |
| 108       | 16.1 | 15.6  | 23.4   |



#40

Hexachlorocyclopentadiene

Concen: 43.37 ng

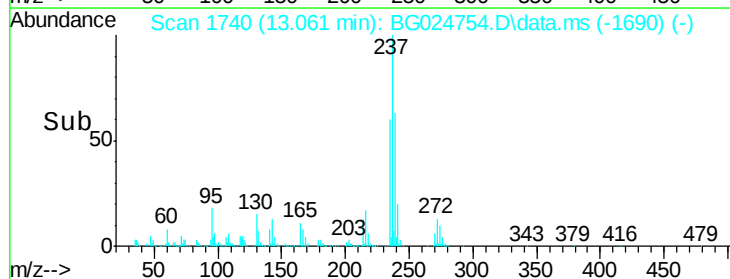
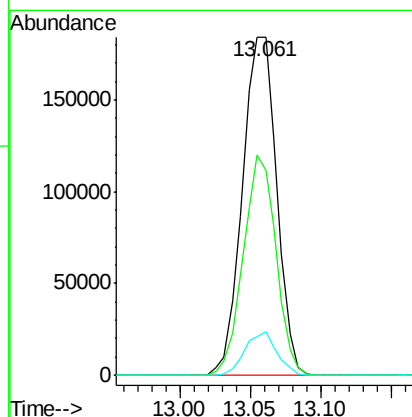
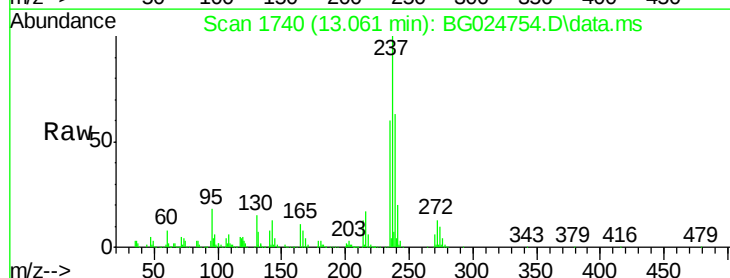
RT: 13.061 min Scan# 1740

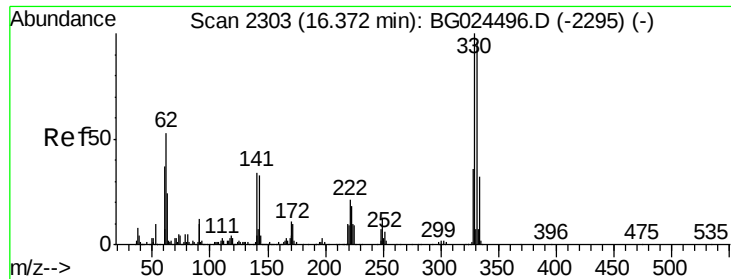
Delta R.T. -0.003 min

Lab File: BG024754.D

Acq: 8 Nov 2016 11:36

|           |      |       |        |
|-----------|------|-------|--------|
| Tgt Ion:  | 237  | Resp: | 313284 |
| Ion Ratio |      | Lower | Upper  |
| 237       | 100  |       |        |
| 235       | 60.5 | 39.4  | 79.4   |
| 272       | 13.1 | 0.0   | 32.0   |

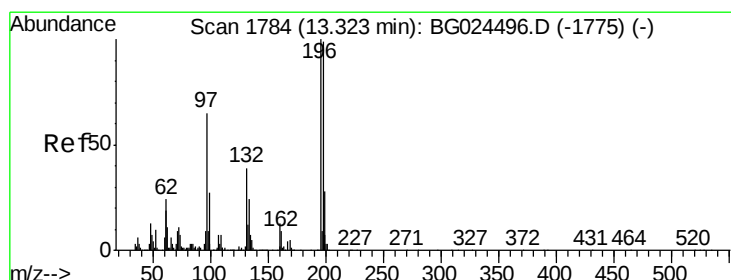
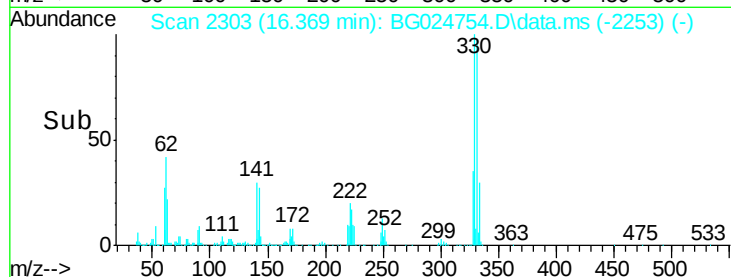
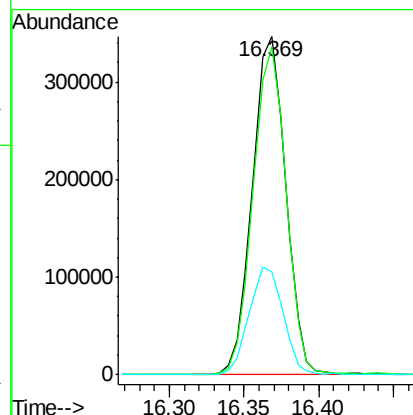
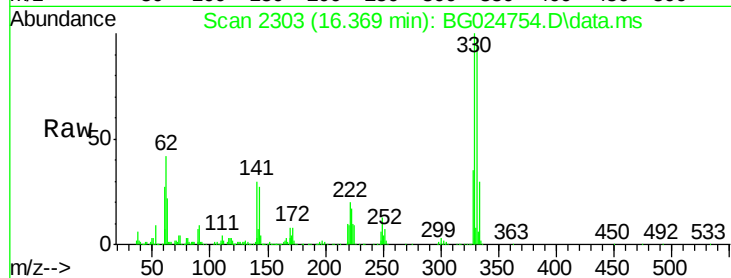




#41  
 2,4,6-Tribromophenol  
 Concen: 93.96 ng  
 RT: 16.369 min Scan# 2303  
 Delta R.T. -0.003 min  
 Lab File: BG024754.D  
 Acq: 8 Nov 2016 11:36

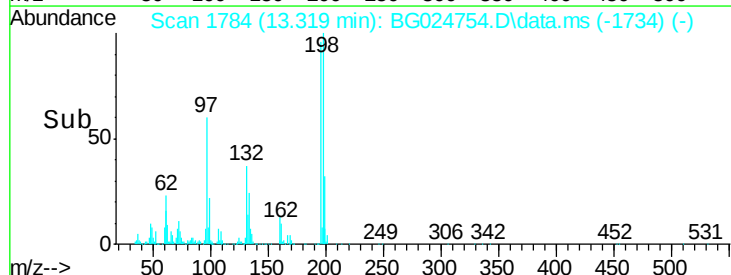
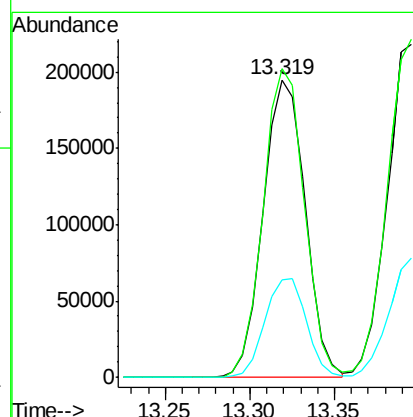
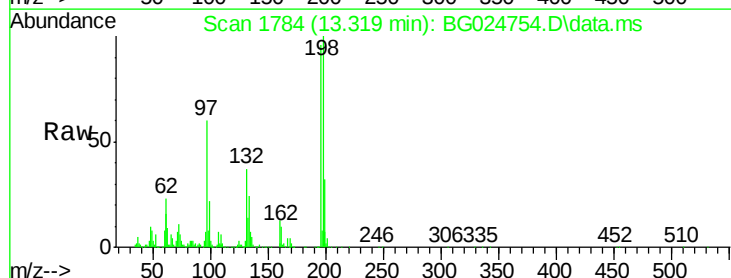
Instrument :  
 BNA\_G  
 ClientSampleId :

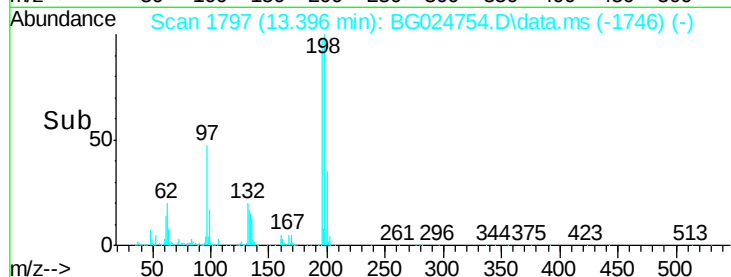
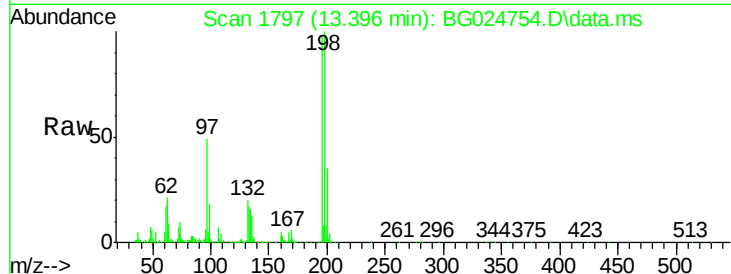
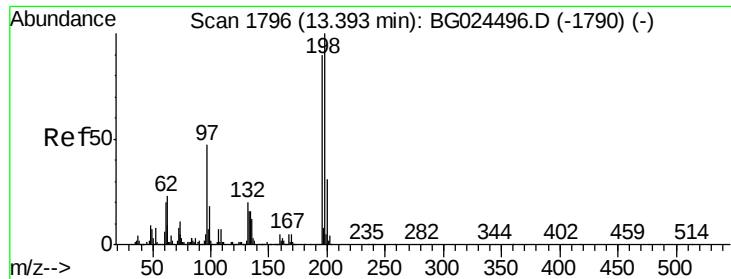
| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 330     | 100   |       |       |
| 332     | 96.2  | 77.3  | 115.9 |
| 141     | 32.5  | 32.1  | 48.1  |



#42  
 2,4,6-Trichlorophenol  
 Concen: 43.38 ng  
 RT: 13.319 min Scan# 1784  
 Delta R.T. -0.003 min  
 Lab File: BG024754.D  
 Acq: 8 Nov 2016 11:36

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 196     | 100   |       |       |
| 198     | 103.8 | 81.4  | 122.2 |
| 200     | 32.7  | 27.0  | 40.6  |

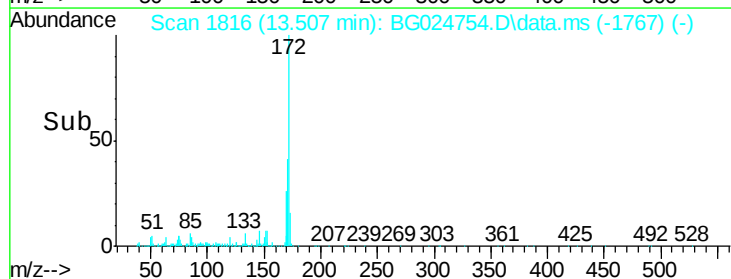
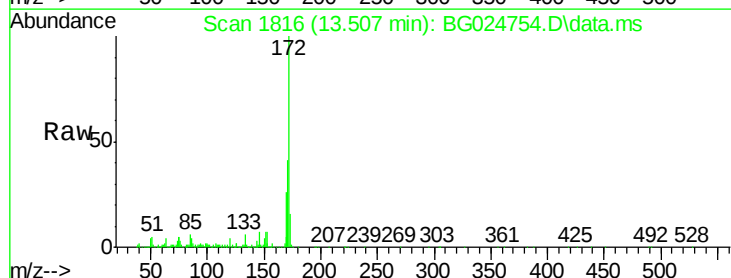
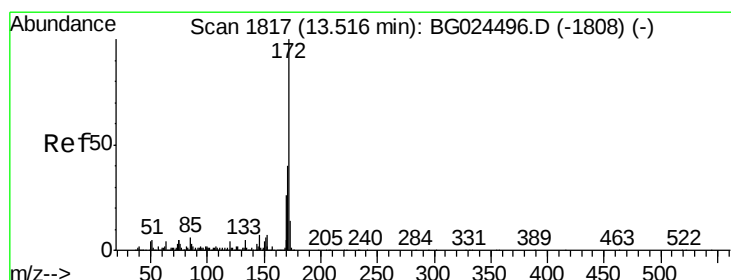
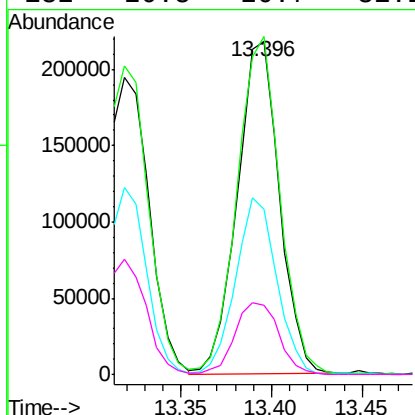




#43  
2,4,5-Trichlorophenol  
Concen: 42.17 ng  
RT: 13.396 min Scan# 1796  
Delta R.T. 0.002 min  
Lab File: BG024754.D  
Acq: 8 Nov 2016 11:36

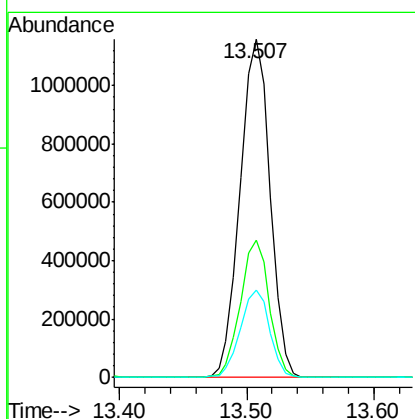
Instrument :  
BNA\_G  
ClientSampleId :

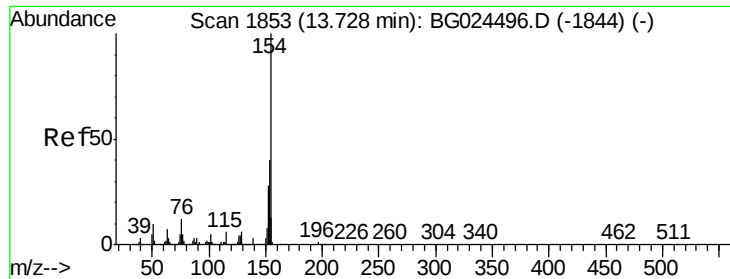
| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 196     | 100   |       |       |
| 198     | 101.7 | 79.9  | 119.9 |
| 97      | 49.8  | 45.4  | 68.0  |
| 132     | 20.8  | 20.7  | 31.1  |



#44  
2-Fluorobiphenyl  
Concen: 82.89 ng  
RT: 13.507 min Scan# 1816  
Delta R.T. -0.009 min  
Lab File: BG024754.D  
Acq: 8 Nov 2016 11:36

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 172     | 100   |       |       |
| 171     | 40.7  | 32.2  | 48.2  |
| 170     | 25.8  | 21.8  | 32.6  |

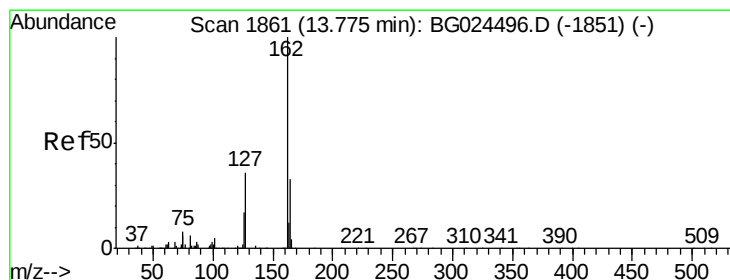
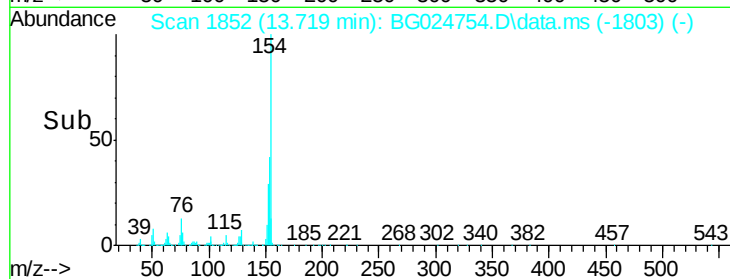
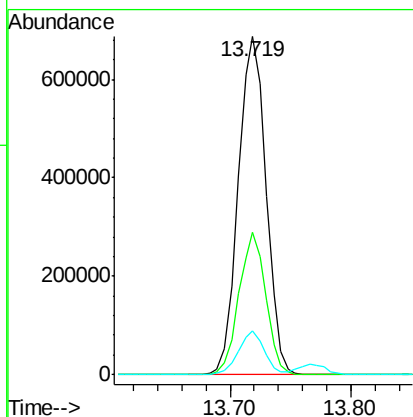
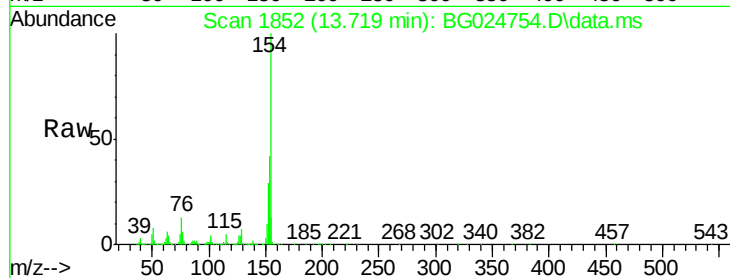




#45  
 1,1'-Biphenyl  
 Concen: 41.71 ng  
 RT: 13.719 min Scan# 1853  
 Delta R.T. -0.009 min  
 Lab File: BG024754.D  
 Acq: 8 Nov 2016 11:36

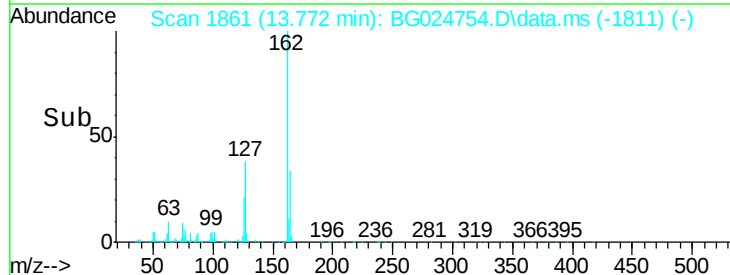
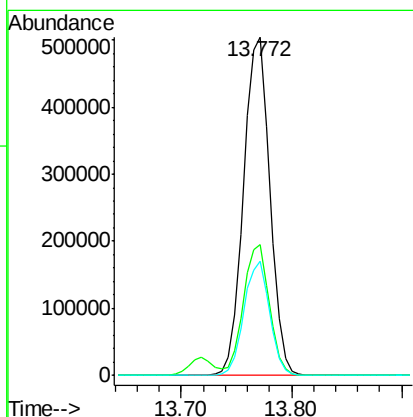
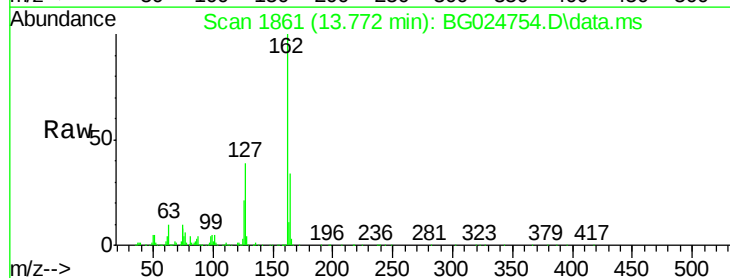
Instrument :  
 BNA\_G  
 ClientSampleId :

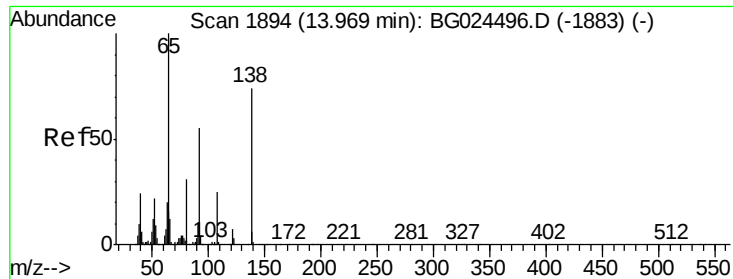
Tot Ion:154 Resp: 1100724  
 Ion Ratio Lower Upper  
 154 100  
 153 42.0 23.0 63.0  
 76 13.0 0.0 33.5



#46  
 2-Chloronaphthalene  
 Concen: 42.15 ng  
 RT: 13.772 min Scan# 1861  
 Delta R.T. -0.003 min  
 Lab File: BG024754.D  
 Acq: 8 Nov 2016 11:36

Tgt Ion:162 Resp: 847099  
 Ion Ratio Lower Upper  
 162 100  
 127 38.5 32.2 48.4  
 164 33.9 27.3 40.9

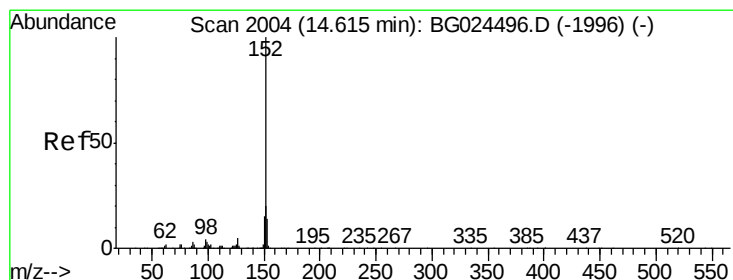
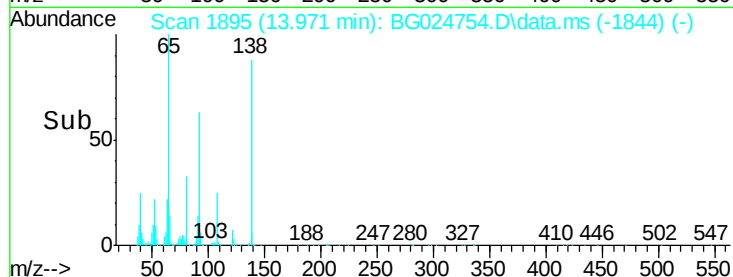
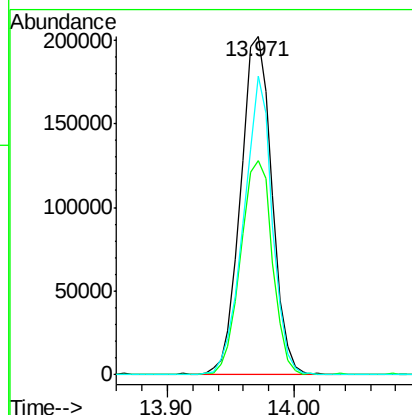
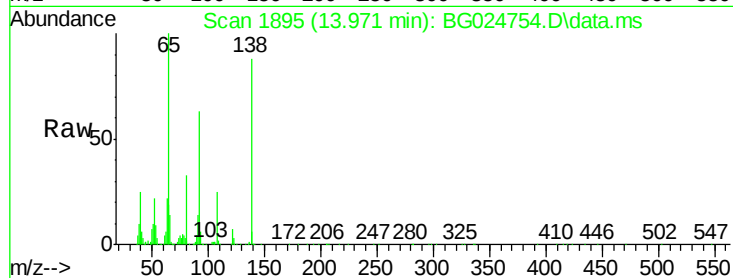




#47  
2-Nitroaniline  
Concen: 41.97 ng  
RT: 13.971 min Scan# 1894  
Delta R.T. 0.002 min  
Lab File: BG024754.D  
Acq: 8 Nov 2016 11:36

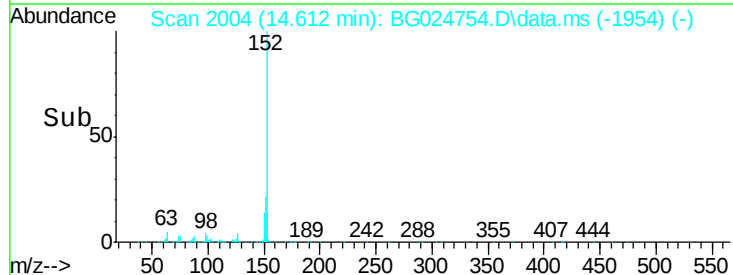
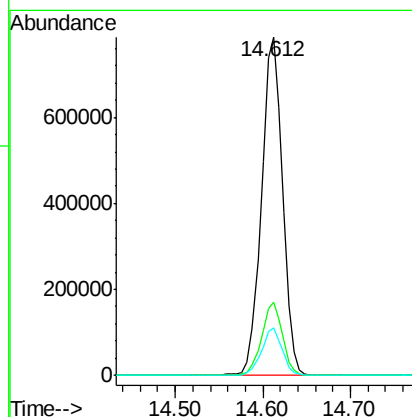
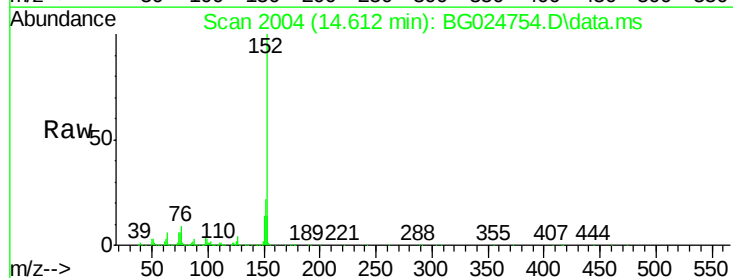
Instrument :  
BNA\_G  
ClientSampleId :

Tot Ion: 65 Resp: 345348  
Ion Ratio Lower Upper  
65 100  
92 63.3 49.0 73.4  
138 88.3 58.6 87.8#



#48  
Acenaphthylene  
Concen: 42.10 ng  
RT: 14.612 min Scan# 2004  
Delta R.T. -0.003 min  
Lab File: BG024754.D  
Acq: 8 Nov 2016 11:36

Tgt Ion: 152 Resp: 1297559  
Ion Ratio Lower Upper  
152 100  
151 21.7 18.2 27.2  
153 13.9 11.3 16.9

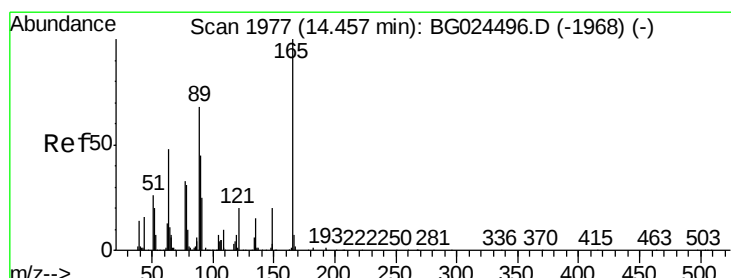
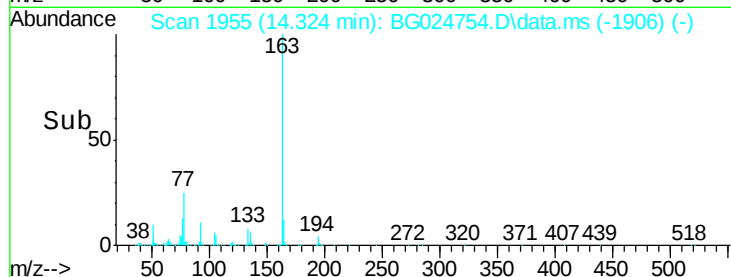
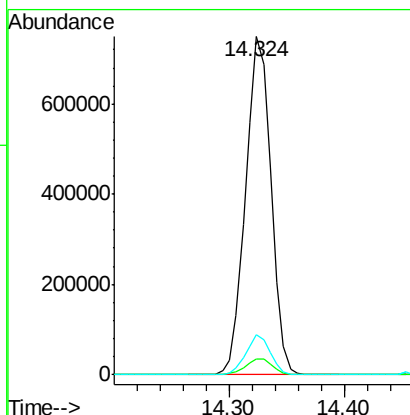
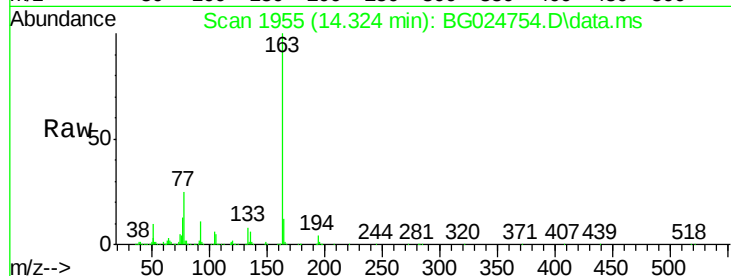




#49  
Dimethylphthalate  
Concen: 42.32 ng  
RT: 14.324 min Scan# 1955  
Delta R.T. -0.009 min  
Lab File: BG024754.D  
Acq: 8 Nov 2016 11:36

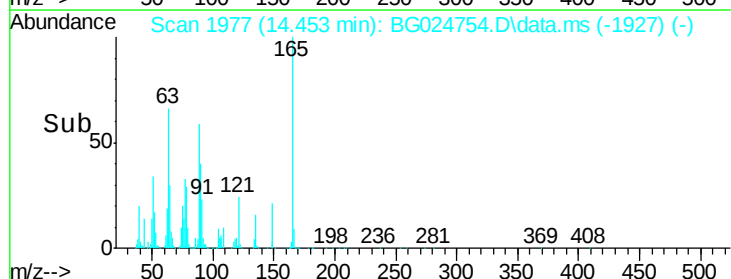
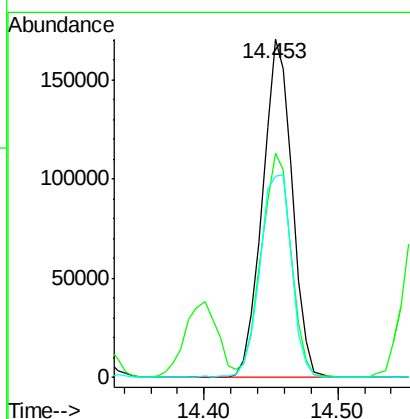
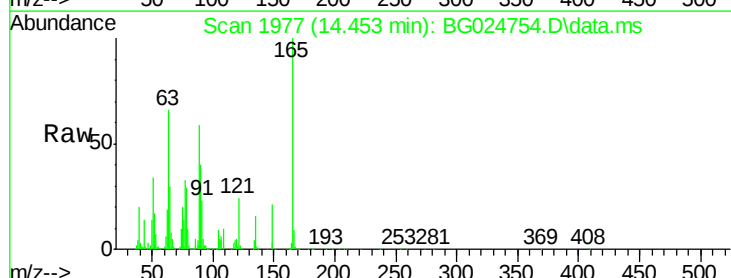
Instrument :  
BNA\_G  
ClientSampleId :

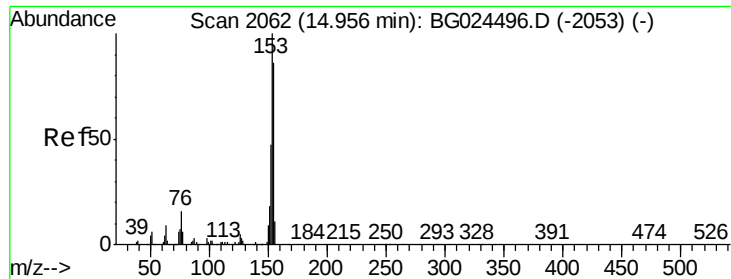
Tot Ion:163 Resp: 1142787  
Ion Ratio Lower Upper  
163 100  
194 4.5 3.8 5.6  
164 11.6 9.3 13.9



#50  
2,6-Dinitrotoluene  
Concen: 45.19 ng  
RT: 14.453 min Scan# 1977  
Delta R.T. -0.003 min  
Lab File: BG024754.D  
Acq: 8 Nov 2016 11:36

Tgt Ion:165 Resp: 260457  
Ion Ratio Lower Upper  
165 100  
63 66.4 63.9 95.9  
89 59.4 58.6 88.0





#51

Acenaphthene

Concen: 38.14 ng

RT: 14.947 min Scan# 20

Delta R.T. -0.009 min

Lab File: BG024754.D

Acq: 8 Nov 2016 11:36

Instrument :

BNA\_G

ClientSampleId :

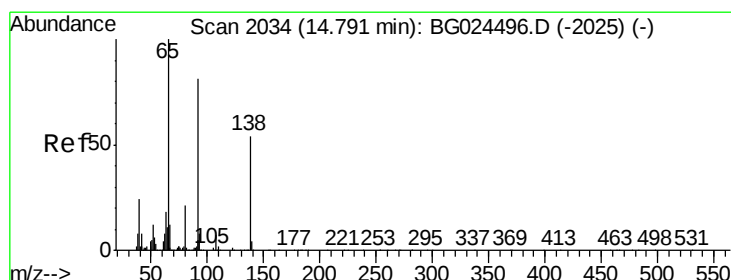
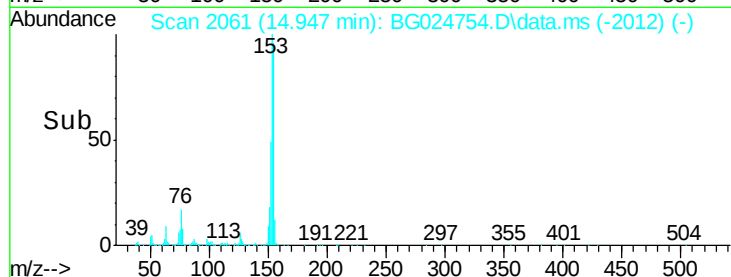
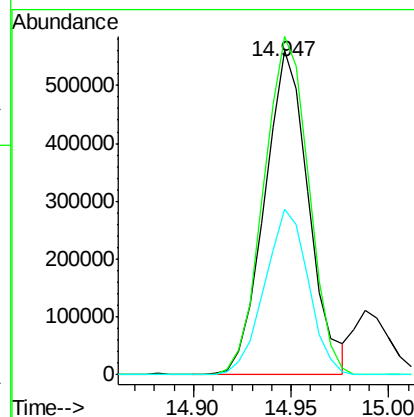
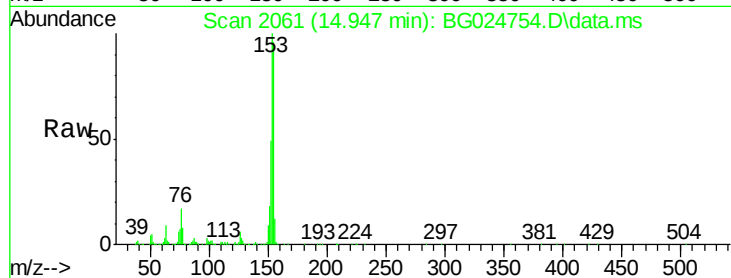
Tot Ion:154 Resp: 876325

Ion Ratio Lower Upper

154 100

153 104.3 87.8 131.6

152 50.8 42.2 63.4



#52

3-Nitroaniline

Concen: 42.30 ng

RT: 14.788 min Scan# 2034

Delta R.T. -0.003 min

Lab File: BG024754.D

Acq: 8 Nov 2016 11:36

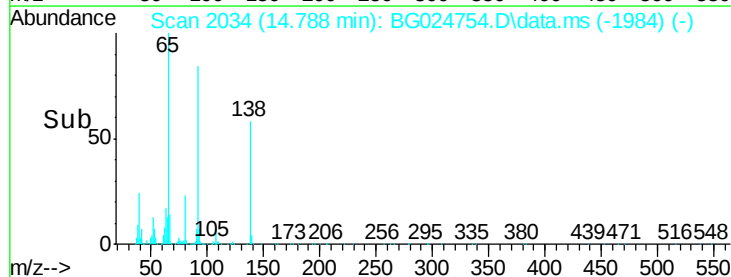
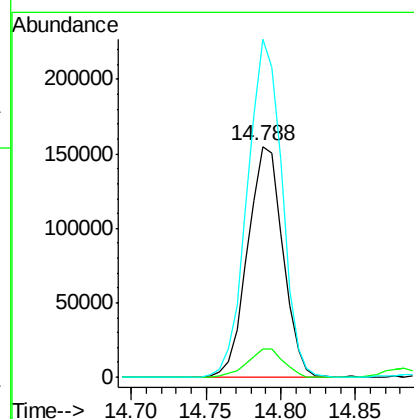
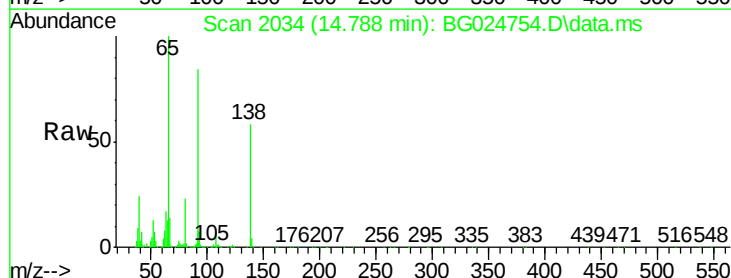
Tgt Ion:138 Resp: 252282

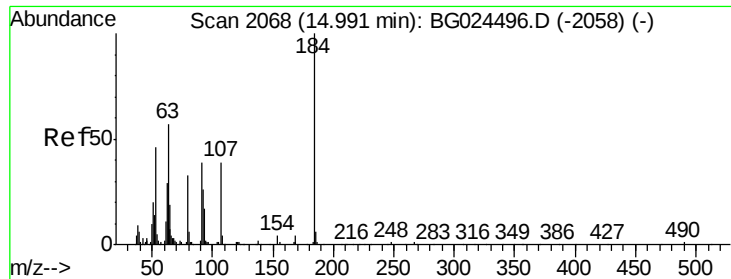
Ion Ratio Lower Upper

138 100

108 12.2 10.9 16.3

92 146.6 115.3 172.9

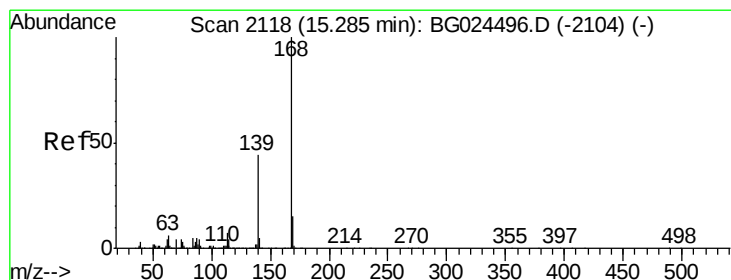
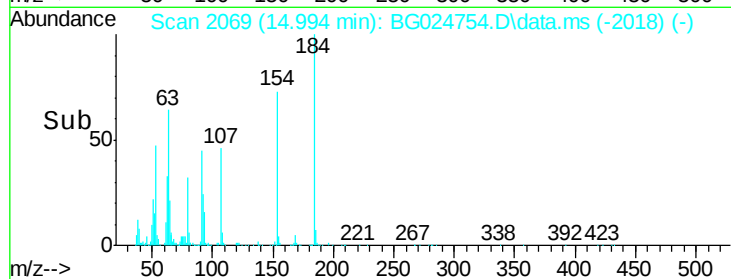
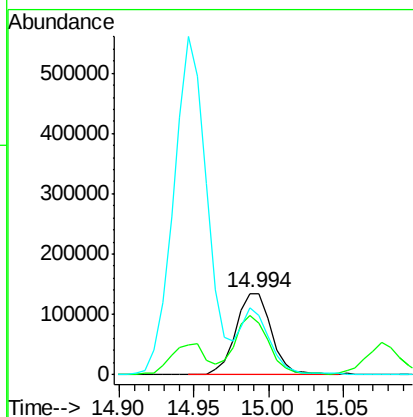
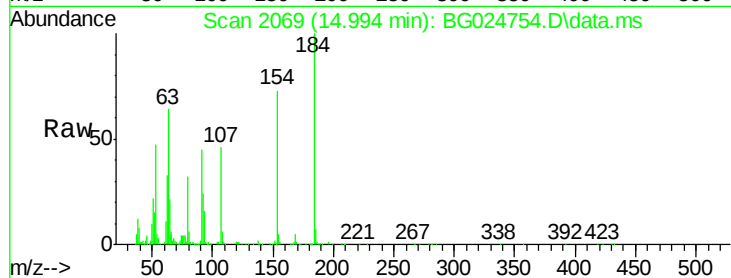




#53  
2,4-Dinitrophenol  
Concen: 53.18 ng  
RT: 14.994 min Scan# 2068  
Delta R.T. 0.002 min  
Lab File: BG024754.D  
Acq: 8 Nov 2016 11:36

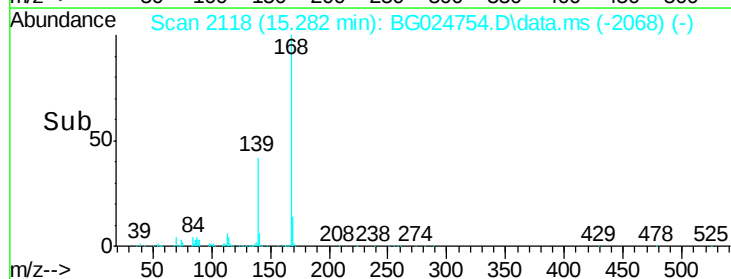
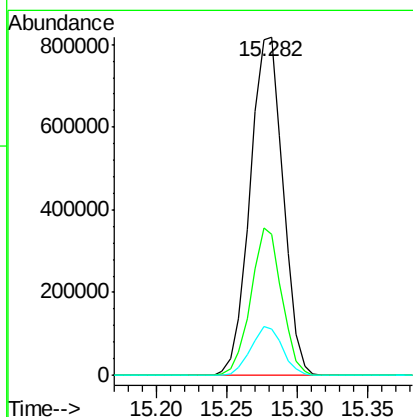
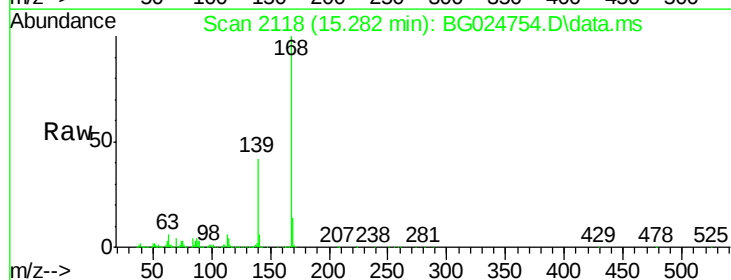
Instrument :  
BNA\_G  
ClientSampleId :

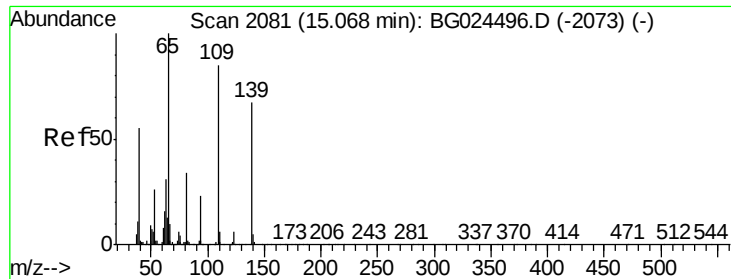
| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 184     | 100   |       |       |
| 63      | 63.8  | 52.7  | 79.1  |
| 154     | 73.0  | 57.3  | 85.9  |



#54  
Dibenzofuran  
Concen: 42.25 ng  
RT: 15.282 min Scan# 2118  
Delta R.T. -0.003 min  
Lab File: BG024754.D  
Acq: 8 Nov 2016 11:36

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 168     | 100   |       |       |
| 139     | 41.8  | 35.3  | 52.9  |
| 169     | 13.7  | 11.5  | 17.3  |

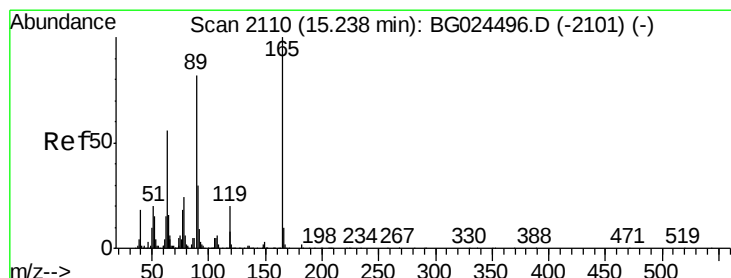
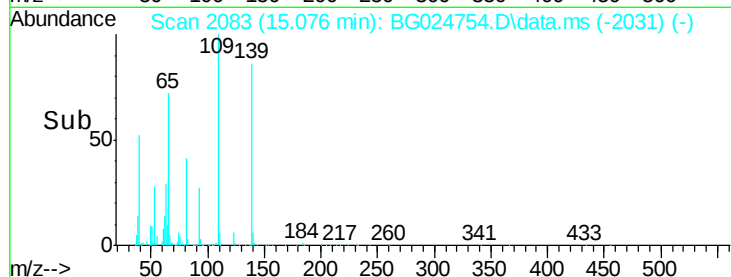
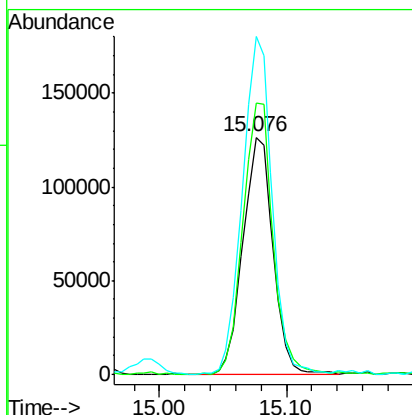
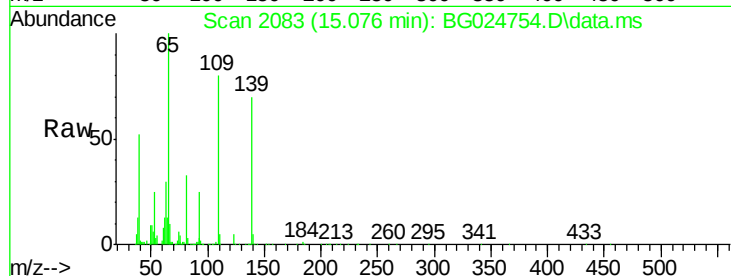




#55  
4-Nitrophenol  
Concen: 40.23 ng  
RT: 15.076 min Scan# 2081  
Delta R.T. 0.008 min  
Lab File: BG024754.D  
Acq: 8 Nov 2016 11:36

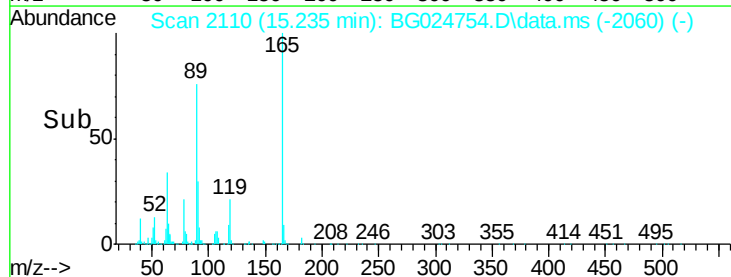
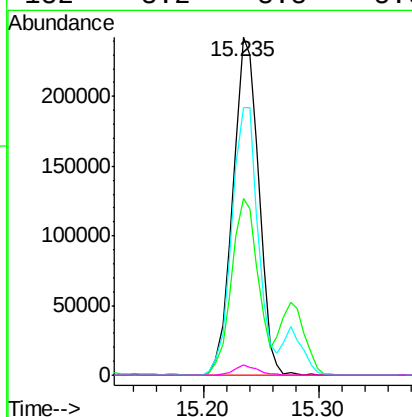
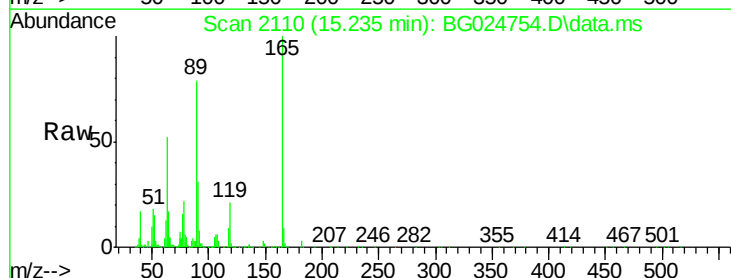
Instrument :  
BNA\_G  
ClientSampleId :

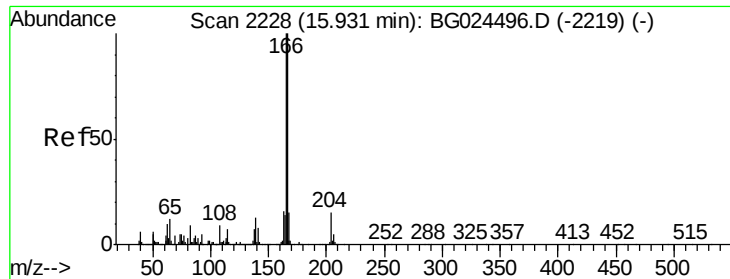
| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 139     | 100   |       |       |
| 109     | 114.2 | 101.2 | 141.2 |
| 65      | 142.4 | 135.3 | 175.3 |



#56  
2,4-Dinitrotoluene  
Concen: 44.67 ng  
RT: 15.235 min Scan# 2110  
Delta R.T. -0.003 min  
Lab File: BG024754.D  
Acq: 8 Nov 2016 11:36

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 165     | 100   |       |       |
| 63      | 52.2  | 44.0  | 66.0  |
| 89      | 79.2  | 67.3  | 100.9 |
| 182     | 3.2   | 3.8   | 5.6   |





#57

Fluorene

Concen: 42.07 ng

RT: 15.922 min Scan# 22

Delta R.T. -0.009 min

Lab File: BG024754.D

Acq: 8 Nov 2016 11:36

Instrument :

BNA\_G

ClientSampleId :

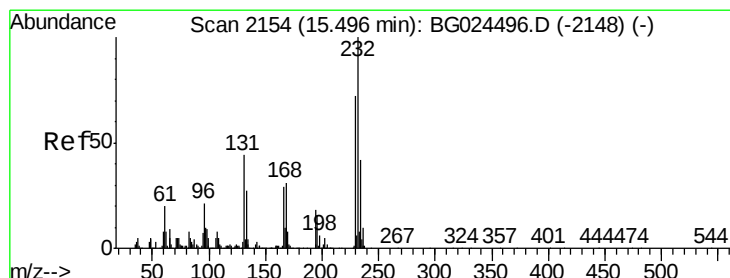
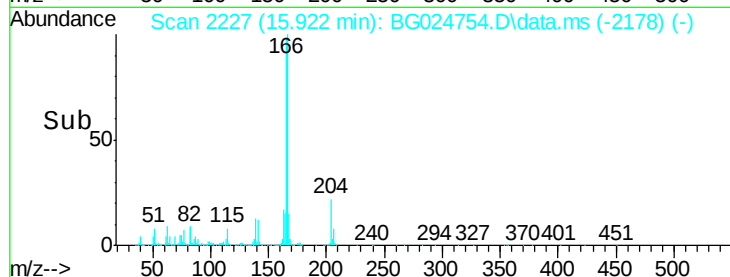
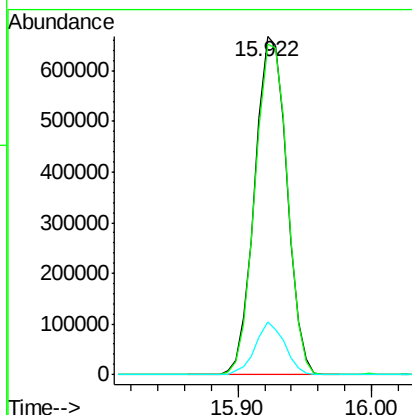
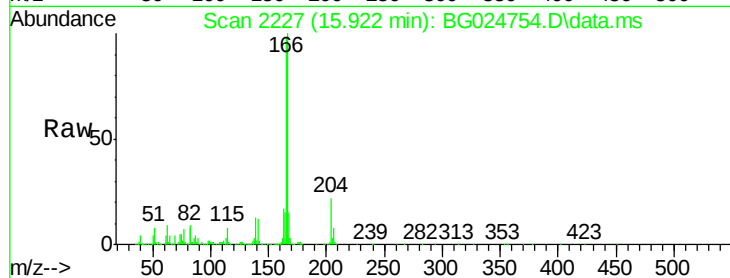
Tot Ion:166 Resp: 1108064

Ion Ratio Lower Upper

166 100

165 97.9 78.6 117.8

167 15.4 11.6 17.4



#58

2,3,4,6-Tetrachlorophenol

Concen: 44.28 ng

RT: 15.499 min Scan# 2155

Delta R.T. 0.002 min

Lab File: BG024754.D

Acq: 8 Nov 2016 11:36

Tgt Ion:232 Resp: 382757

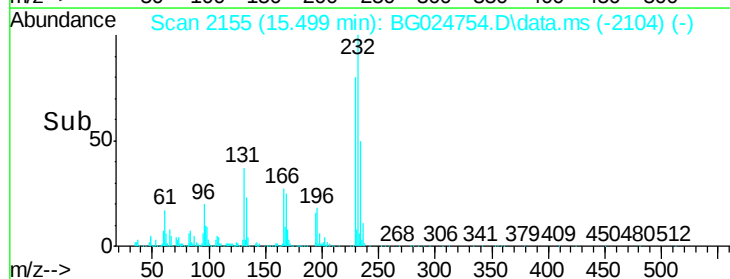
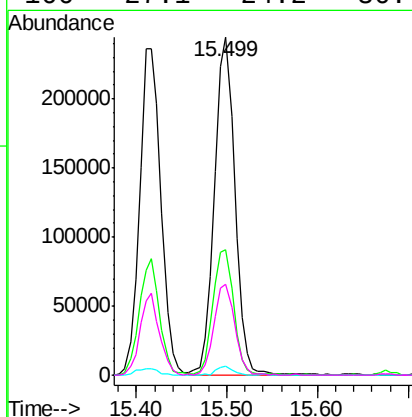
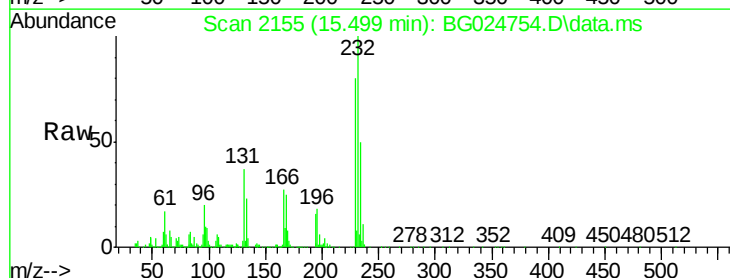
Ion Ratio Lower Upper

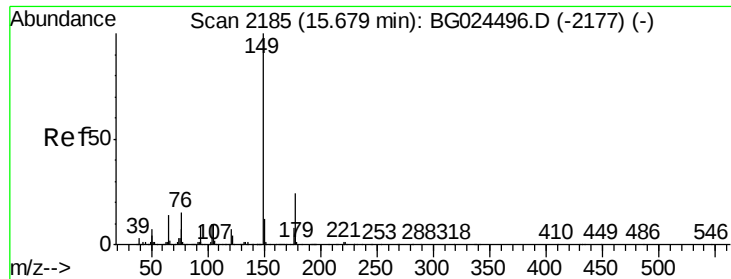
232 100

131 37.0 34.9 52.3

130 2.2 2.3 3.5#

166 27.1 24.2 36.4

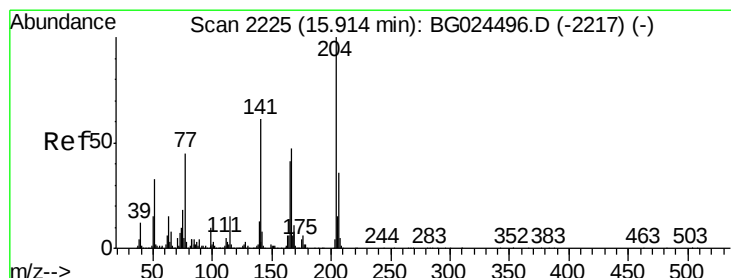
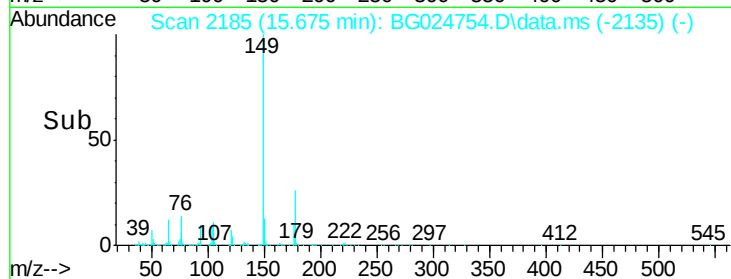
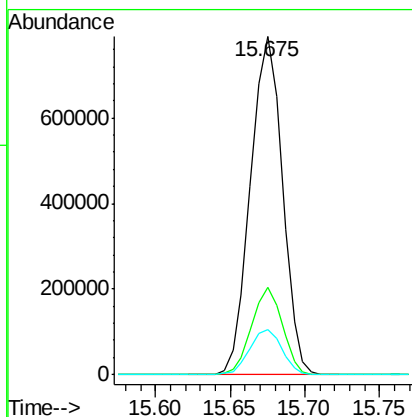
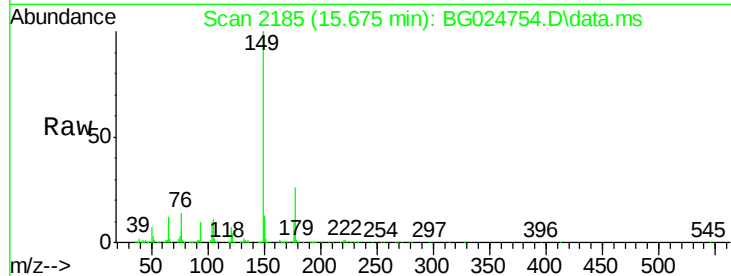




#59  
Diethylphthalate  
Concen: 41.21 ng  
RT: 15.675 min Scan# 2185  
Delta R.T. -0.003 min  
Lab File: BG024754.D  
Acq: 8 Nov 2016 11:36

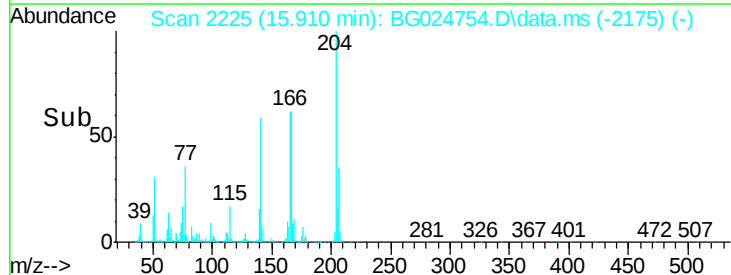
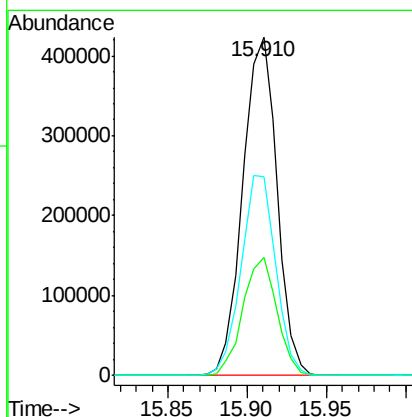
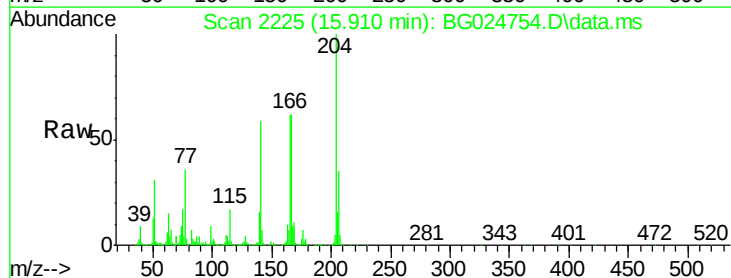
Instrument :  
BNA\_G  
ClientSampleId :

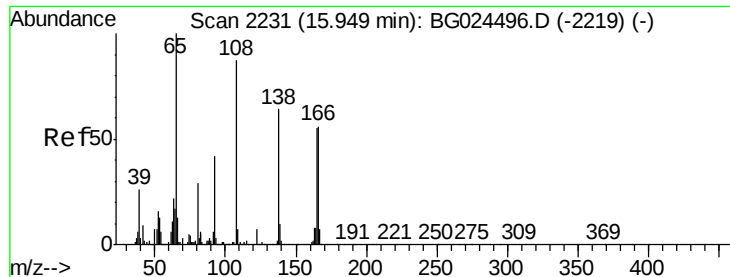
| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 149     | 100   |       |       |
| 177     | 25.9  | 20.1  | 30.1  |
| 150     | 13.4  | 10.2  | 15.2  |



#60  
4-Chlorophenyl-phenylether  
Concen: 42.76 ng  
RT: 15.910 min Scan# 2225  
Delta R.T. -0.003 min  
Lab File: BG024754.D  
Acq: 8 Nov 2016 11:36

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 204     | 100   |       |       |
| 206     | 34.7  | 30.1  | 45.1  |
| 141     | 58.8  | 50.6  | 76.0  |

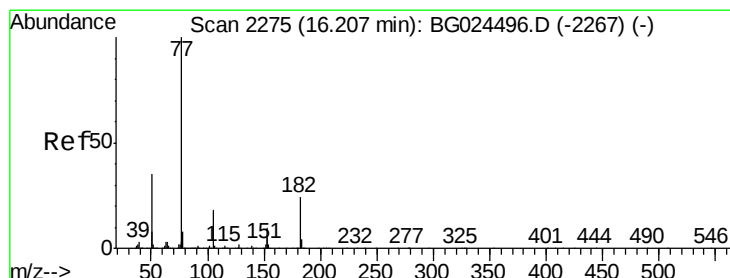
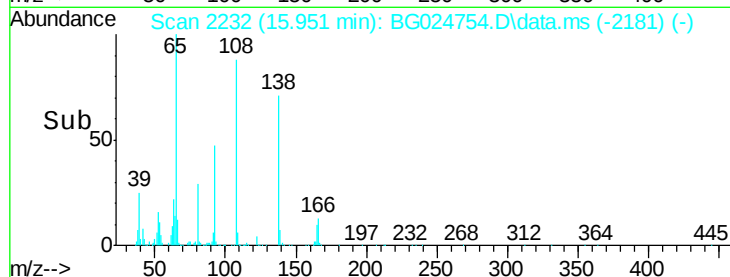
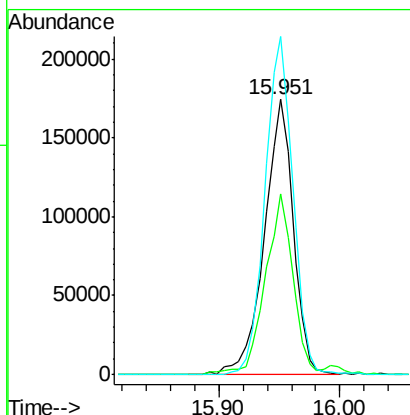
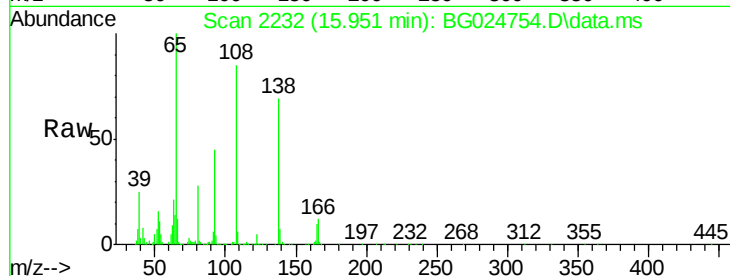




#61  
4-Nitroaniline  
Concen: 44.23 ng  
RT: 15.951 min Scan# 2231  
Delta R.T. 0.002 min  
Lab File: BG024754.D  
Acq: 8 Nov 2016 11:36

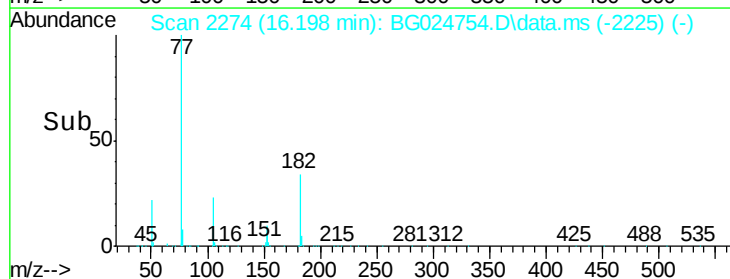
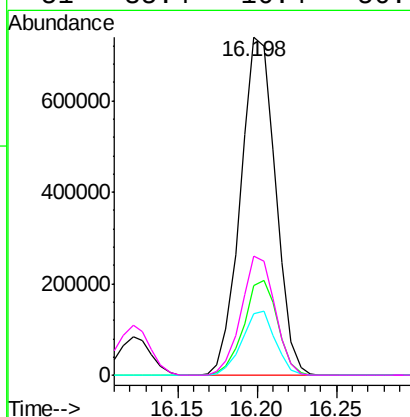
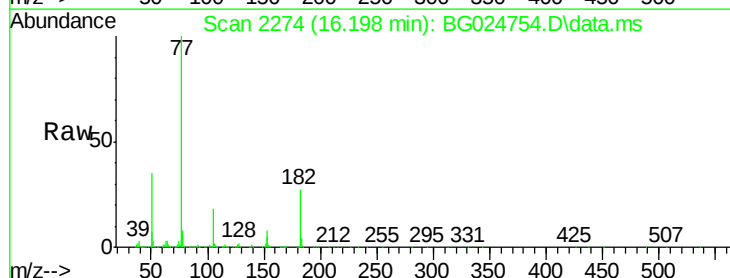
Instrument :  
BNA\_G  
ClientSampleId :

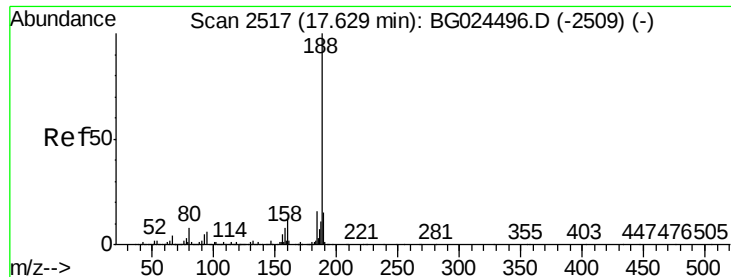
Tot Ion:138 Resp: 288191  
Ion Ratio Lower Upper  
138 100  
92 65.6 44.2 84.2  
108 123.0 104.8 144.8



#62  
Azobenzene  
Concen: 40.02 ng  
RT: 16.198 min Scan# 2274  
Delta R.T. -0.009 min  
Lab File: BG024754.D  
Acq: 8 Nov 2016 11:36

Tgt Ion: 77 Resp: 1129834  
Ion Ratio Lower Upper  
77 100  
182 26.5 4.7 44.7  
105 18.0 0.0 36.3  
51 35.4 16.4 56.4





#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 17.626 min Scan# 2517

Delta R.T. -0.003 min

Lab File: BG024754.D

Acq: 8 Nov 2016 11:36

Instrument :

BNA\_G

ClientSampleId :

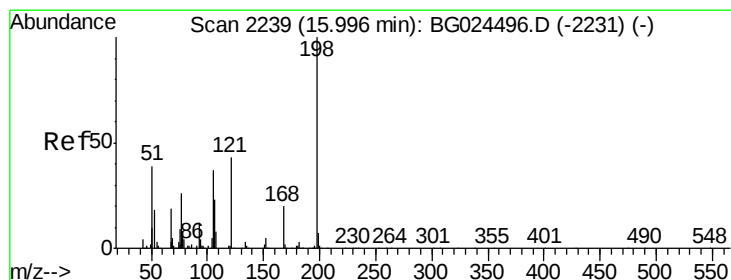
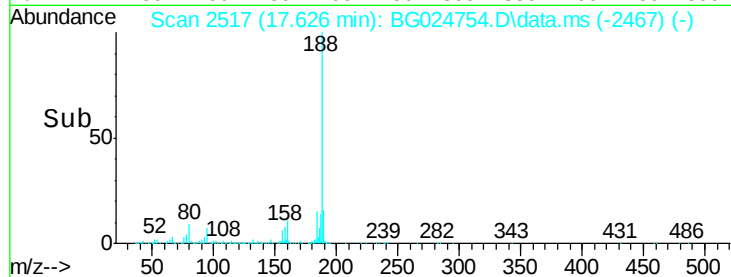
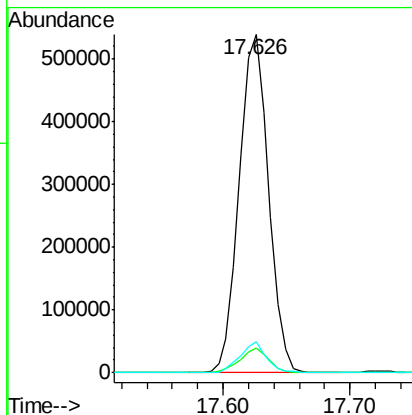
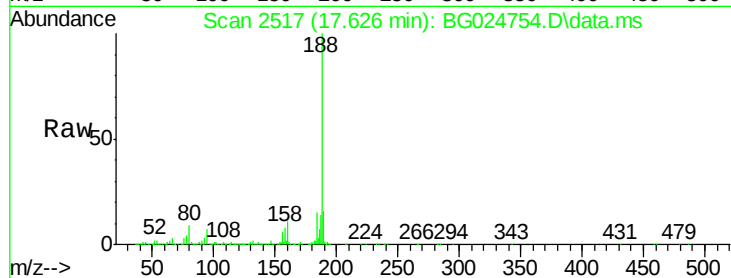
Tot Ion:188 Resp: 861904

Ion Ratio Lower Upper

188 100

94 7.3 5.8 8.8

80 9.2 7.5 11.3



#64

4,6-Dinitro-2-methylphenol

Concen: 46.64 ng

RT: 15.998 min Scan# 2240

Delta R.T. 0.002 min

Lab File: BG024754.D

Acq: 8 Nov 2016 11:36

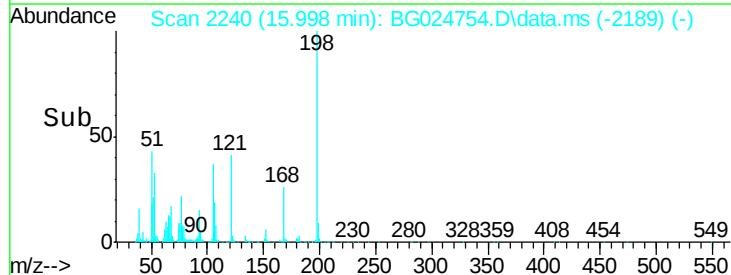
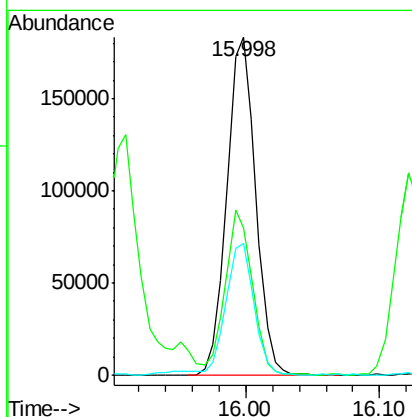
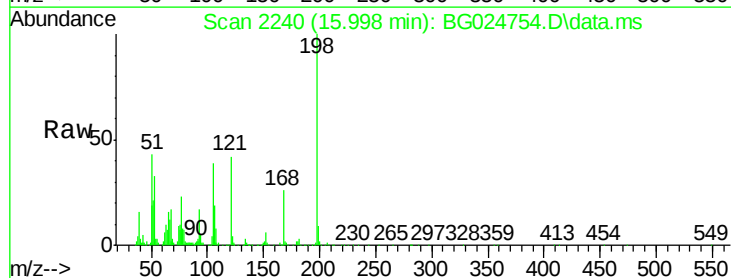
Tgt Ion:198 Resp: 276944

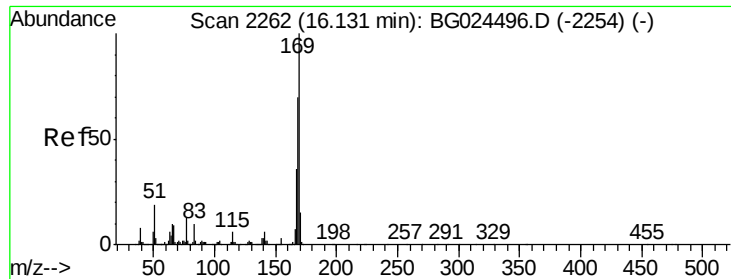
Ion Ratio Lower Upper

198 100

51 43.4 22.6 62.6

105 38.9 14.4 54.4

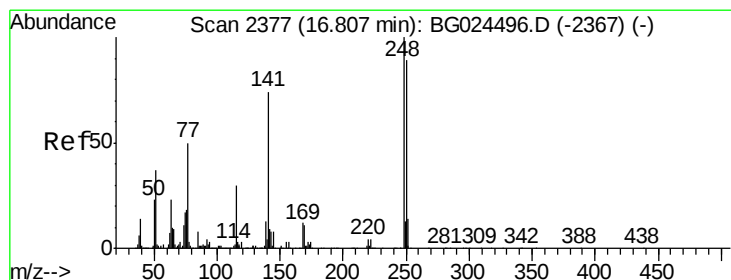
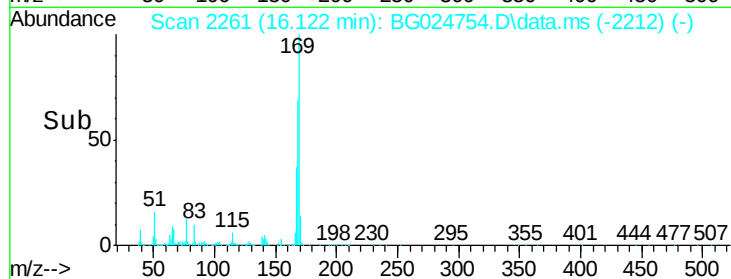
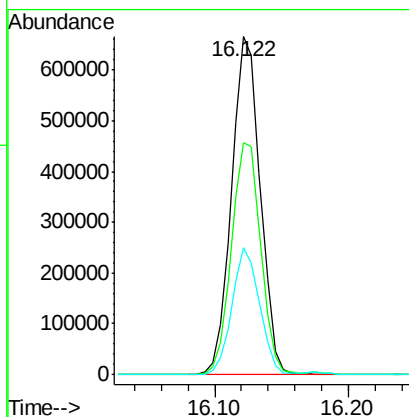
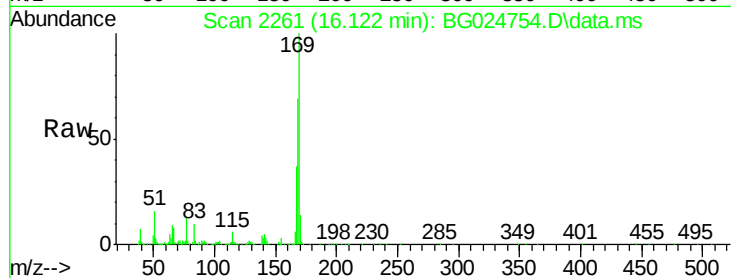




#65  
n-Nitrosodiphenylamine  
Concen: 42.20 ng  
RT: 16.122 min Scan# 2262  
Delta R.T. -0.009 min  
Lab File: BG024754.D  
Acq: 8 Nov 2016 11:36

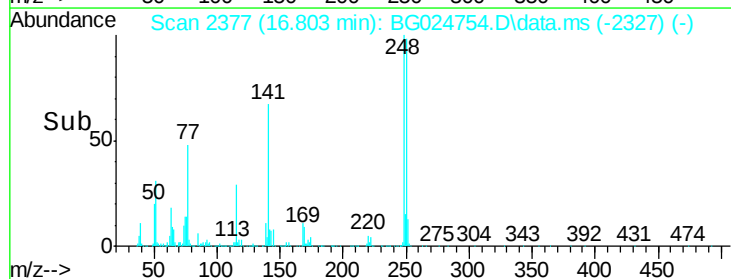
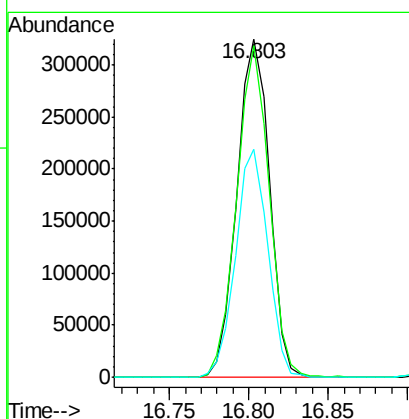
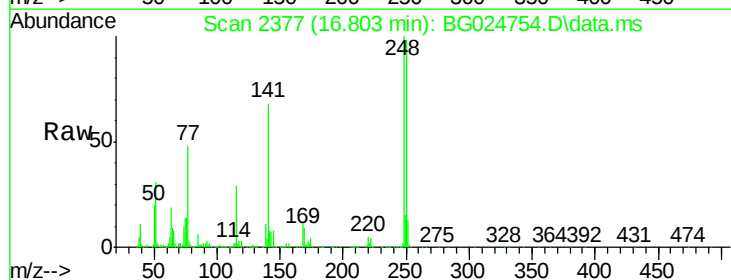
Instrument :  
BNA\_G  
ClientSampleId :

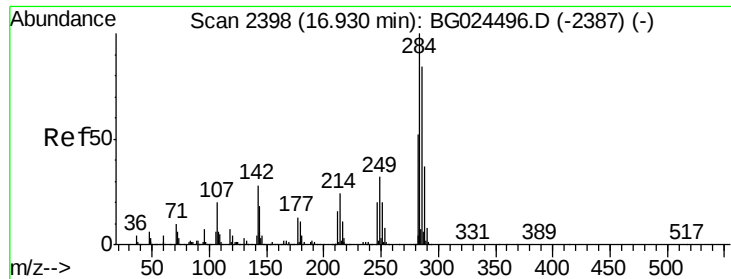
Tot Ion:169 Resp: 994364  
Ion Ratio Lower Upper  
169 100  
168 68.8 55.7 83.5  
167 37.3 29.8 44.6



#66  
4-Bromophenyl-phenylether  
Concen: 44.13 ng  
RT: 16.803 min Scan# 2377  
Delta R.T. -0.003 min  
Lab File: BG024754.D  
Acq: 8 Nov 2016 11:36

Tgt Ion:248 Resp: 461705  
Ion Ratio Lower Upper  
248 100  
250 98.3 75.0 112.6  
141 67.6 55.2 82.8





#67

Hexachlorobenzene

Concen: 44.80 ng

RT: 16.927 min Scan# 2398

Delta R.T. -0.003 min

Lab File: BG024754.D

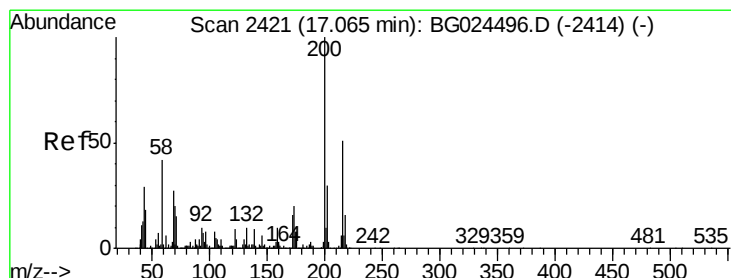
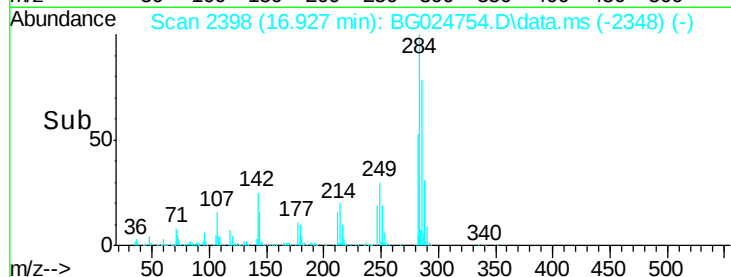
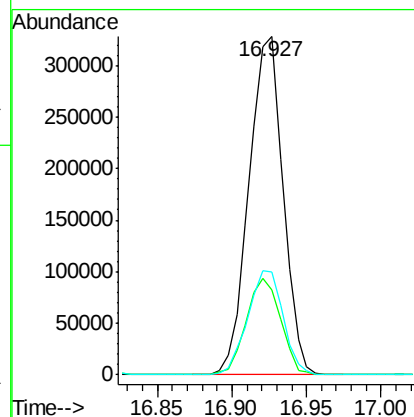
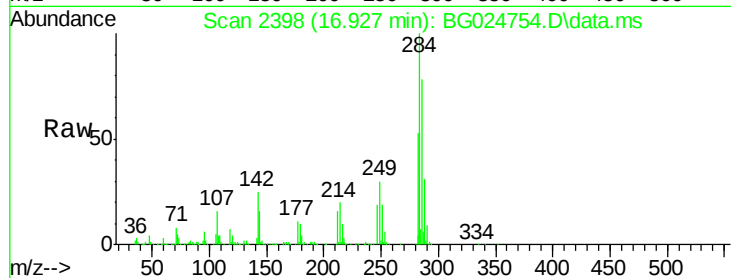
Acq: 8 Nov 2016 11:36

Instrument :

BNA\_G

ClientSampleId :

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 284   | Resp: | 517966 |
| Ion Ratio | Lower | Upper |        |
| 284       | 100   |       |        |
| 142       | 25.0  | 29.9  | 44.9#  |
| 249       | 30.3  | 29.2  | 43.8   |



#68

Atrazine

Concen: 39.45 ng

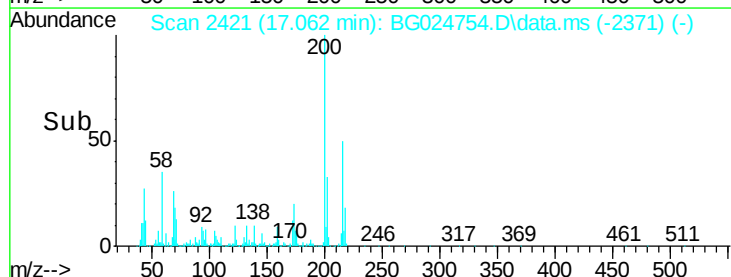
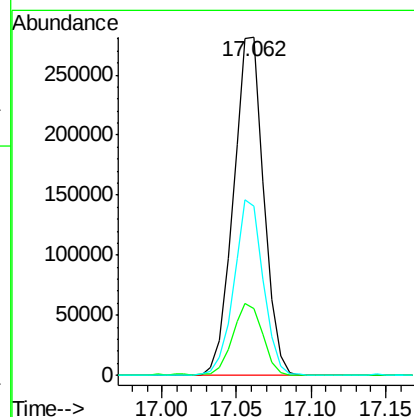
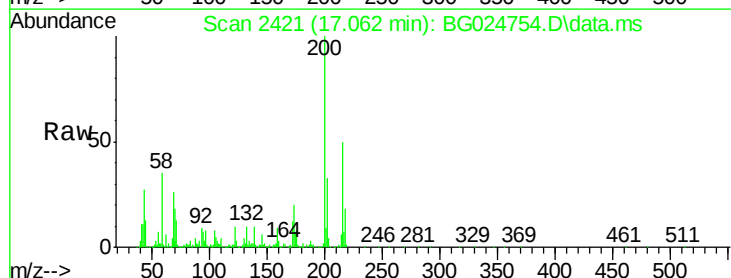
RT: 17.062 min Scan# 2421

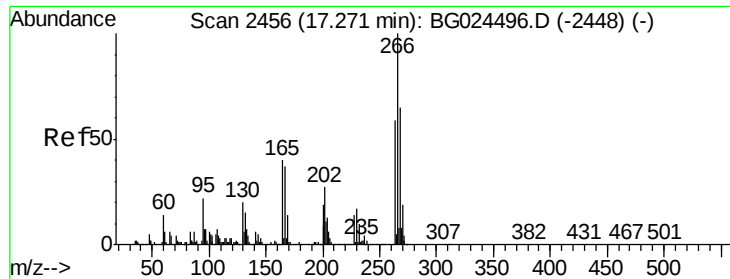
Delta R.T. -0.003 min

Lab File: BG024754.D

Acq: 8 Nov 2016 11:36

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 200   | Resp: | 398695 |
| Ion Ratio | Lower | Upper |        |
| 200       | 100   |       |        |
| 173       | 19.6  | 3.0   | 43.0   |
| 215       | 50.1  | 28.4  | 68.4   |

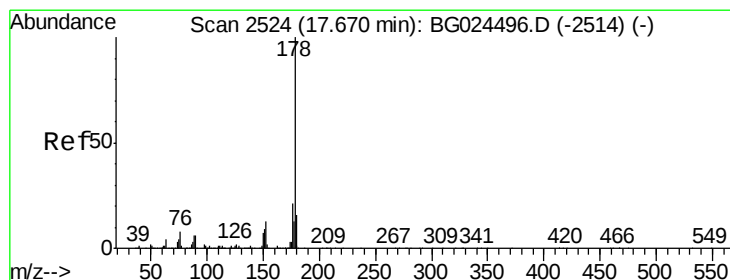
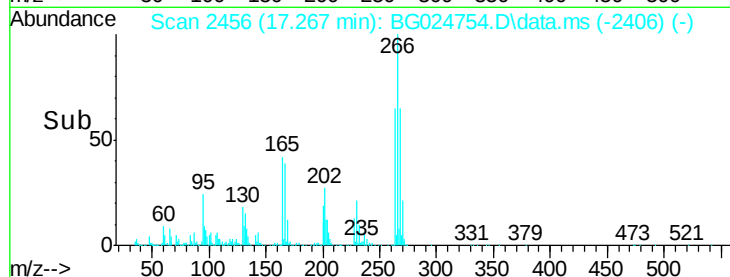
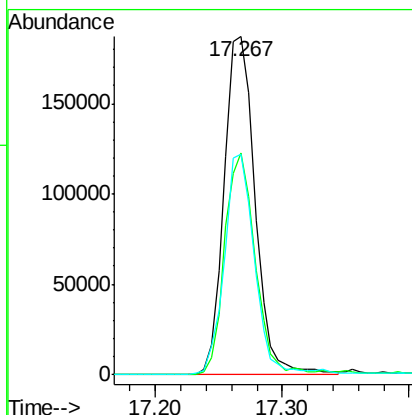
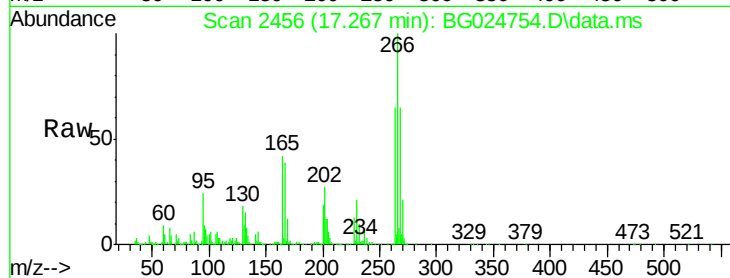




#69  
 Pentachlorophenol  
 Concen: 41.42 ng  
 RT: 17.267 min Scan# 2456  
 Delta R.T. -0.003 min  
 Lab File: BG024754.D  
 Acq: 8 Nov 2016 11:36

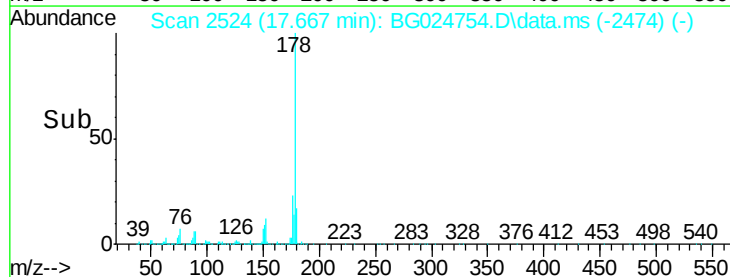
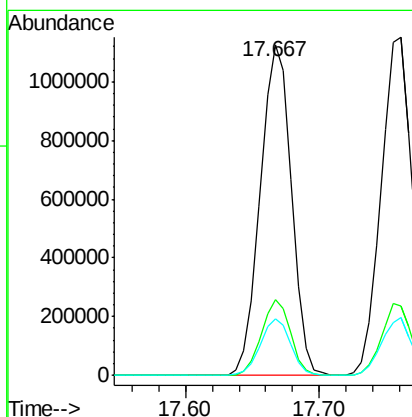
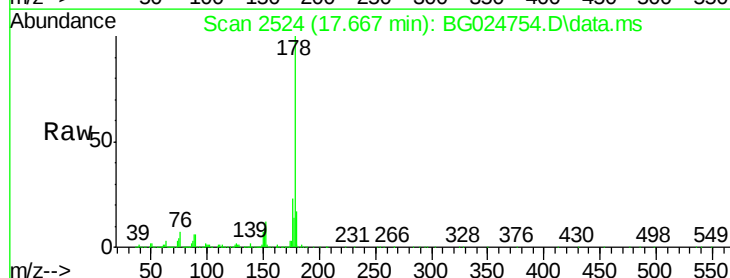
Instrument :  
 BNA\_G  
 ClientSampleId :

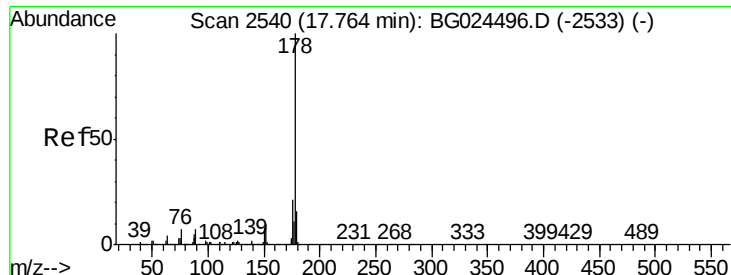
| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 266     | 100   |       |       |
| 268     | 65.5  | 48.6  | 72.8  |
| 264     | 65.0  | 50.1  | 75.1  |



#70  
 Phenanthrene  
 Concen: 41.32 ng  
 RT: 17.667 min Scan# 2524  
 Delta R.T. -0.003 min  
 Lab File: BG024754.D  
 Acq: 8 Nov 2016 11:36

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 178     | 100   |       |       |
| 176     | 23.0  | 17.7  | 26.5  |
| 179     | 17.0  | 15.0  | 22.6  |





#71

Anthracene

Concen: 42.06 ng

RT: 17.761 min Scan# 25

Delta R.T. -0.003 min

Lab File: BG024754.D

Acq: 8 Nov 2016 11:36

Instrument :

BNA\_G

ClientSampleId :

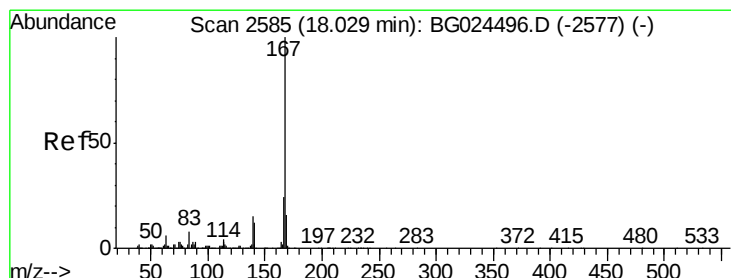
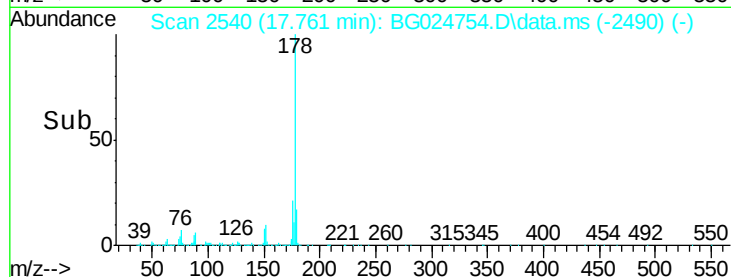
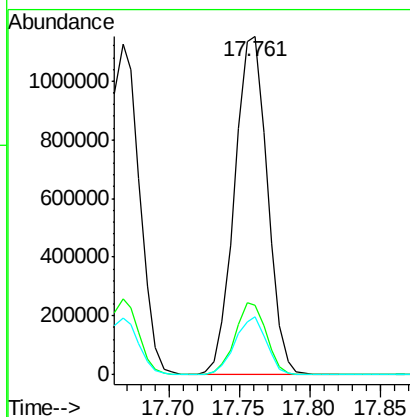
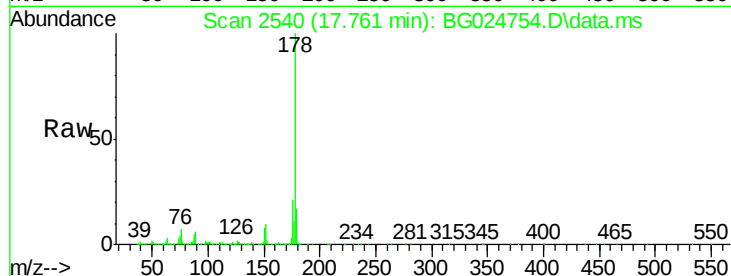
Tot Ion:178 Resp: 1864161

Ion Ratio Lower Upper

178 100

176 20.7 16.4 24.6

179 16.9 13.8 20.8



#72

Carbazole

Concen: 41.45 ng

RT: 18.025 min Scan# 2585

Delta R.T. -0.003 min

Lab File: BG024754.D

Acq: 8 Nov 2016 11:36

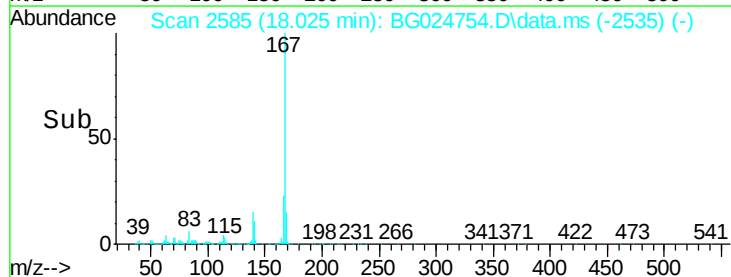
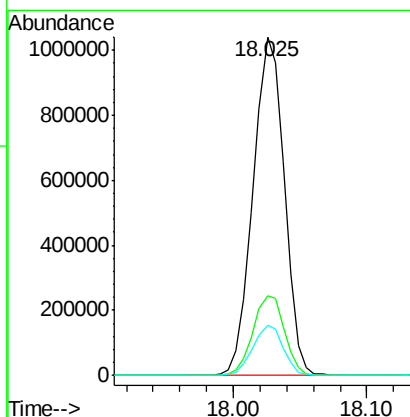
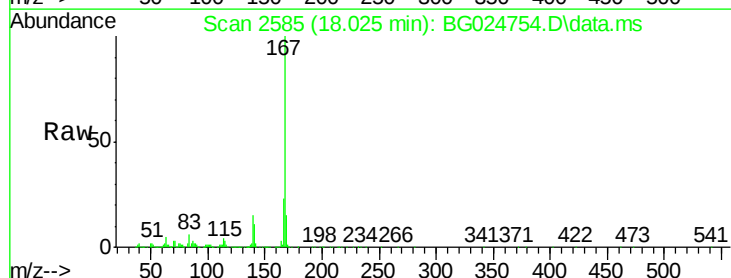
Tgt Ion:167 Resp: 1675637

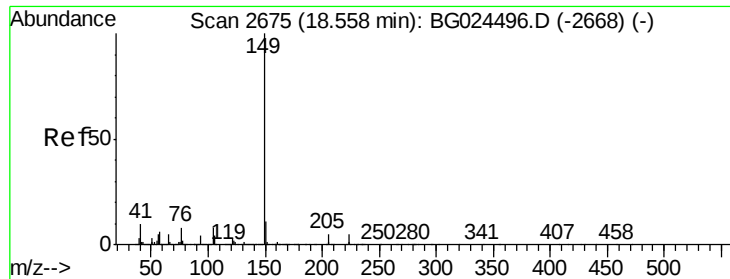
Ion Ratio Lower Upper

167 100

166 23.5 20.2 30.2

139 14.8 12.8 19.2





#73

Di-n-butylphthalate

Concen: 41.28 ng

RT: 18.554 min Scan# 26

Delta R.T. -0.003 min

Lab File: BG024754.D

Acq: 8 Nov 2016 11:36

Instrument :

BNA\_G

ClientSampleId :

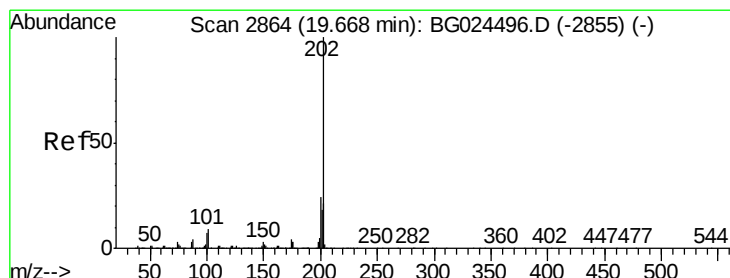
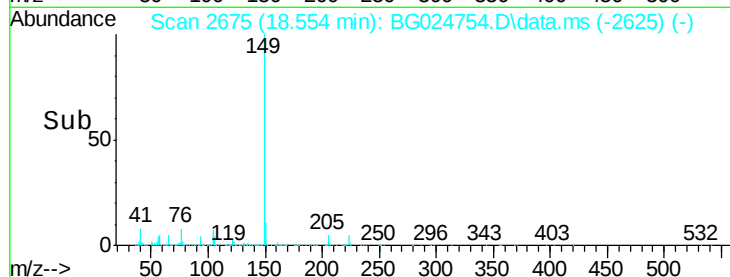
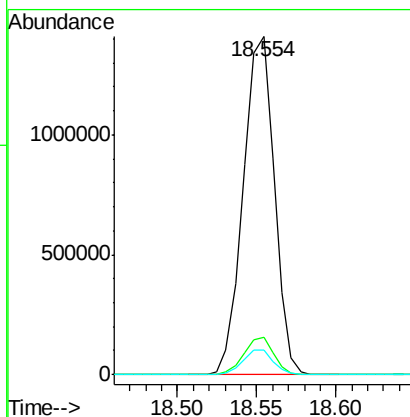
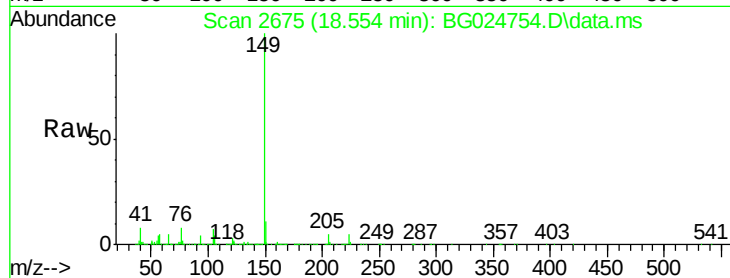
Tot Ion:149 Resp: 1923733

Ion Ratio Lower Upper

149 100

150 11.0 9.1 13.7

104 7.1 6.7 10.1



#74

Fluoranthene

Concen: 41.92 ng

RT: 19.659 min Scan# 2863

Delta R.T. -0.009 min

Lab File: BG024754.D

Acq: 8 Nov 2016 11:36

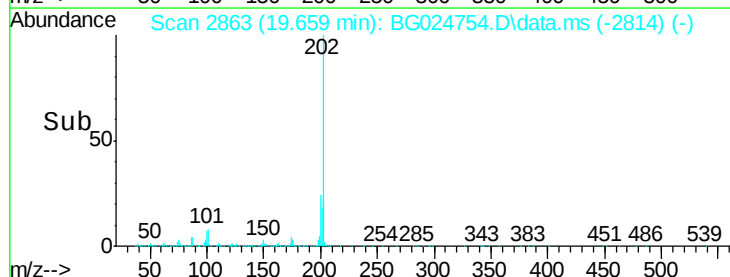
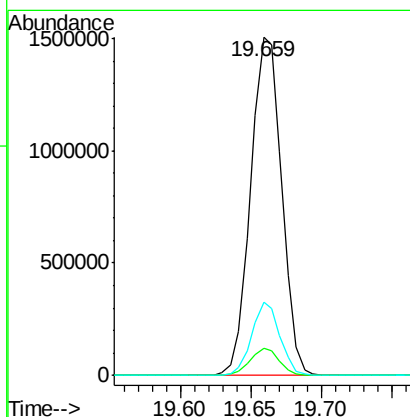
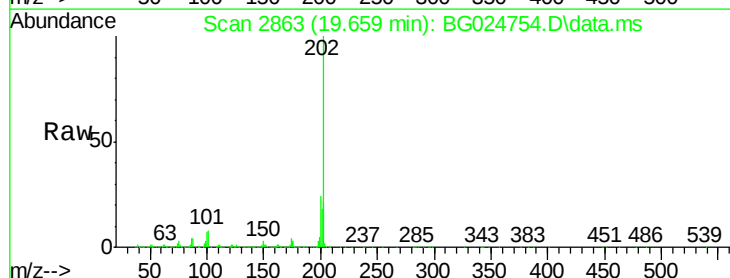
Tgt Ion:202 Resp: 2328287

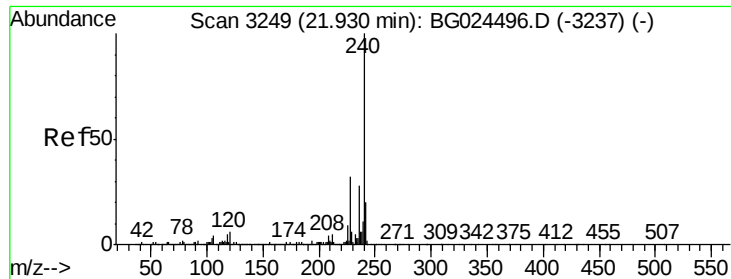
Ion Ratio Lower Upper

202 100

101 8.0 0.0 30.1

203 21.5 1.3 41.3





#75

Chrysene-d12

Concen: 20.00 ng

RT: 21.927 min Scan# 32

Delta R.T. -0.003 min

Lab File: BG024754.D

Acq: 8 Nov 2016 11:36

Instrument :

BNA\_G

ClientSampleId :

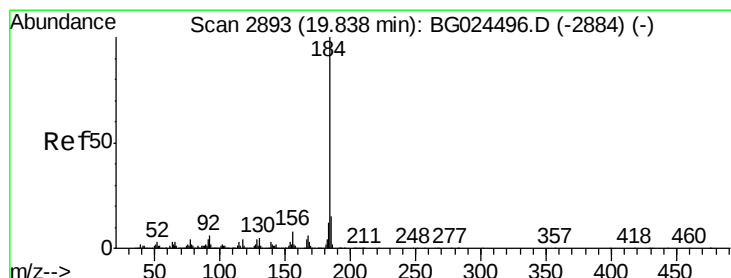
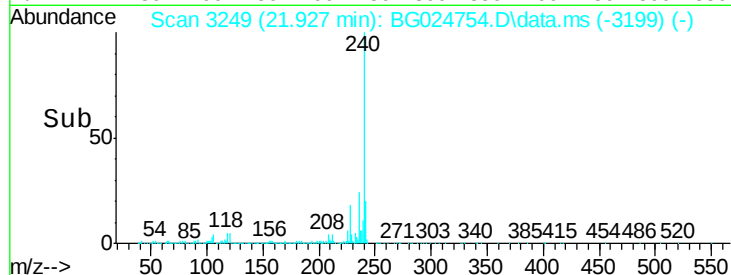
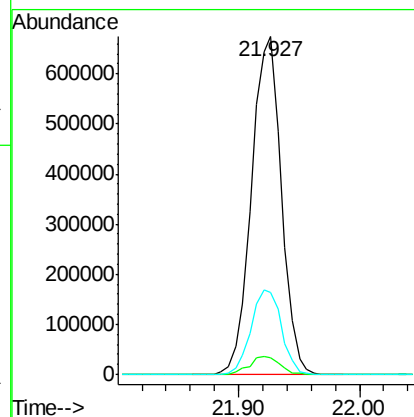
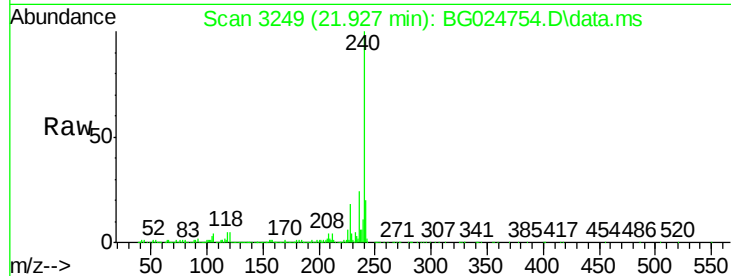
Tot Ion:240 Resp: 1161829

Ion Ratio Lower Upper

240 100

120 4.8 5.7 8.5#

236 24.4 22.2 33.4



#76

Benzidine

Concen: 34.58 ng

RT: 19.835 min Scan# 2893

Delta R.T. -0.003 min

Lab File: BG024754.D

Acq: 8 Nov 2016 11:36

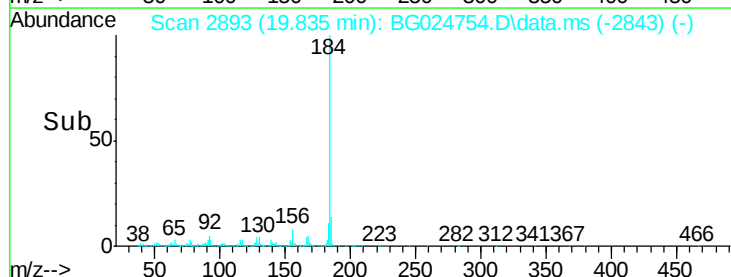
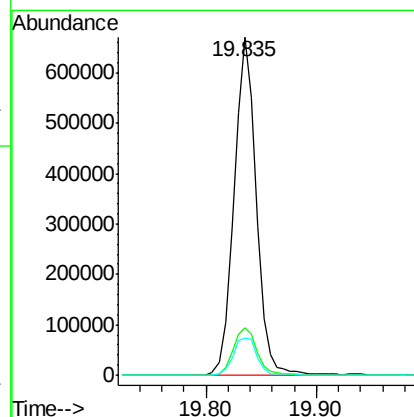
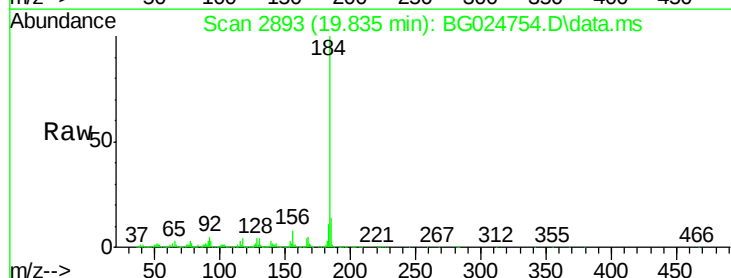
Tgt Ion:184 Resp: 946562

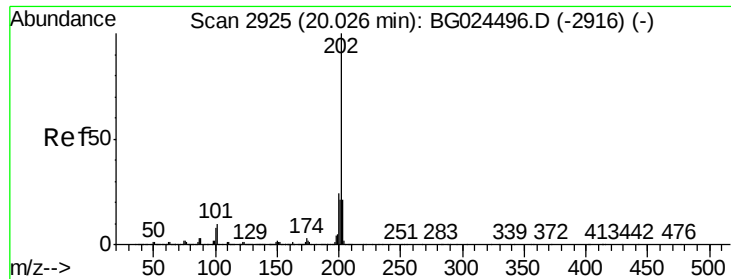
Ion Ratio Lower Upper

184 100

185 14.2 13.0 19.6

183 11.0 11.0 16.6#

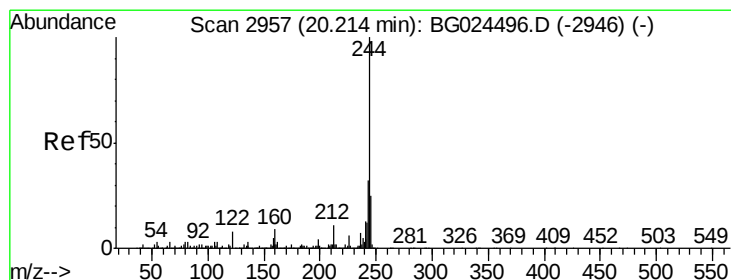
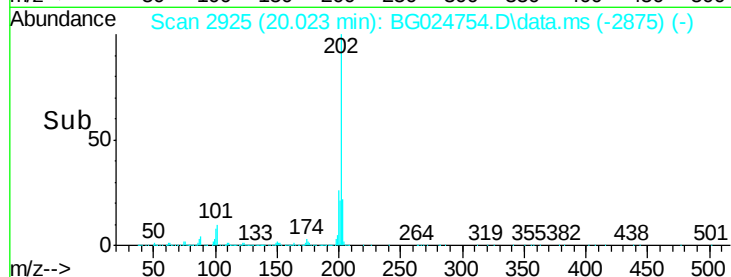
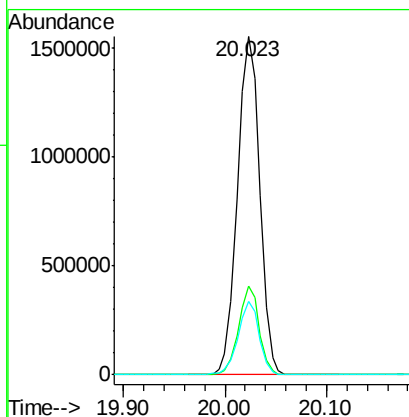
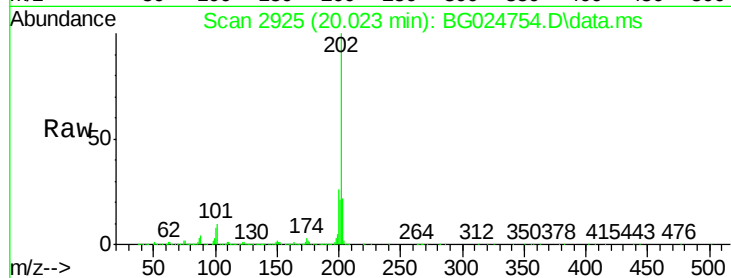




#77  
Pvrene  
Concen: 41.73 ng  
RT: 20.023 min Scan# 2916  
Delta R.T. -0.003 min  
Lab File: BG024754.D  
Acq: 8 Nov 2016 11:36

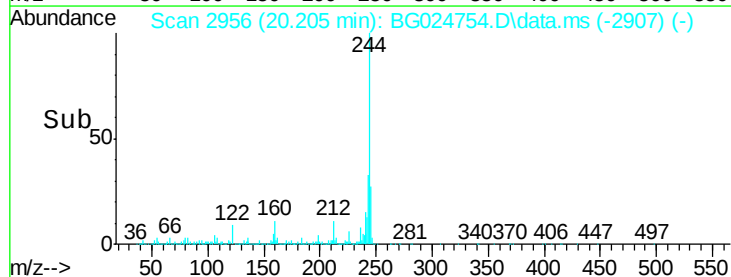
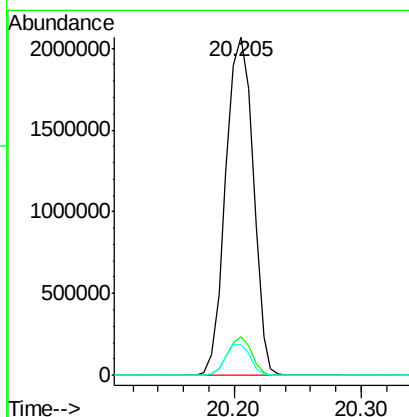
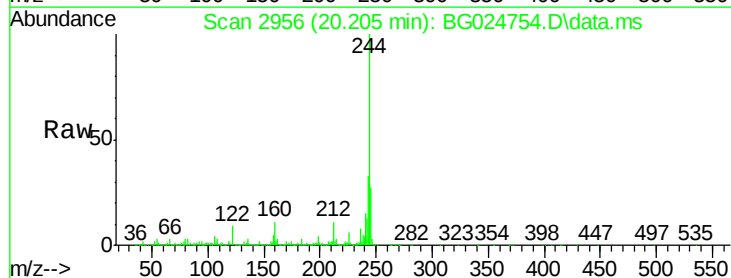
Instrument :  
BNA\_G  
ClientSampleId :

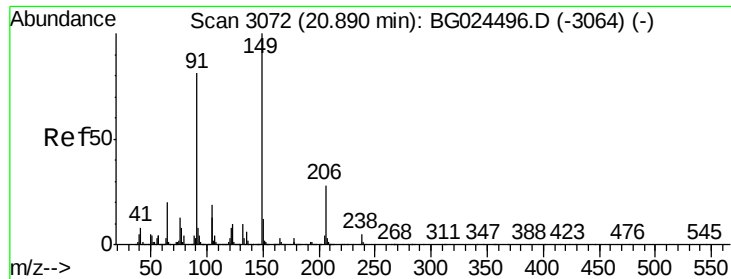
Tot Ion:202 Resp: 2369833  
Ion Ratio Lower Upper  
202 100  
200 26.1 19.6 29.4  
203 21.7 15.8 23.8



#78  
Terphenyl-d14  
Concen: 79.76 ng  
RT: 20.205 min Scan# 2956  
Delta R.T. -0.009 min  
Lab File: BG024754.D  
Acq: 8 Nov 2016 11:36

Tgt Ion:244 Resp: 3101320  
Ion Ratio Lower Upper  
244 100  
212 11.5 10.0 15.0  
122 9.3 8.6 12.8

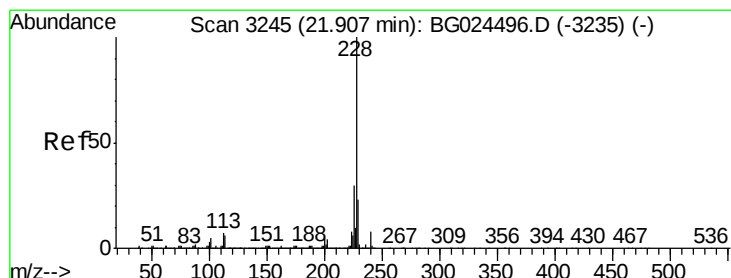
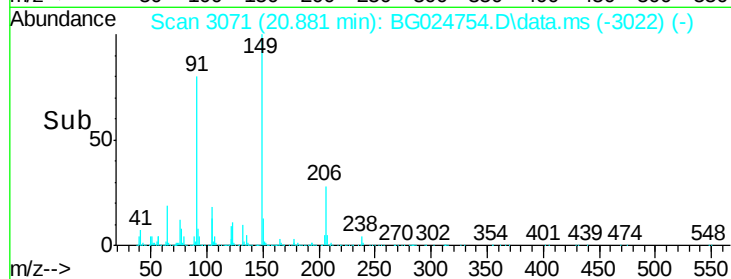
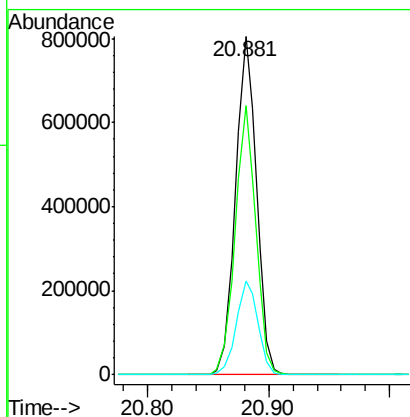
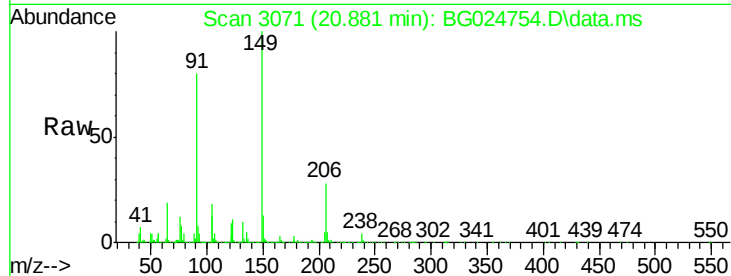




#79  
Butylbenzylphthalate  
Concen: 41.38 ng  
RT: 20.881 min Scan# 3071  
Delta R.T. -0.009 min  
Lab File: BG024754.D  
Acq: 8 Nov 2016 11:36

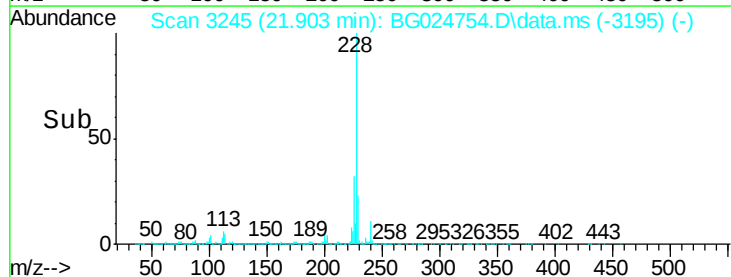
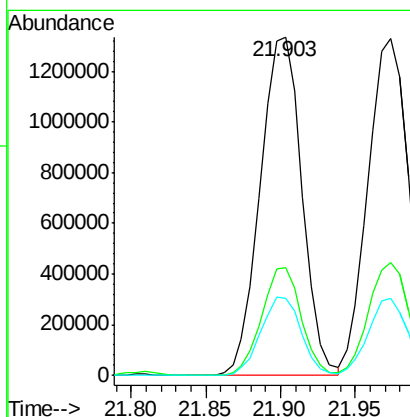
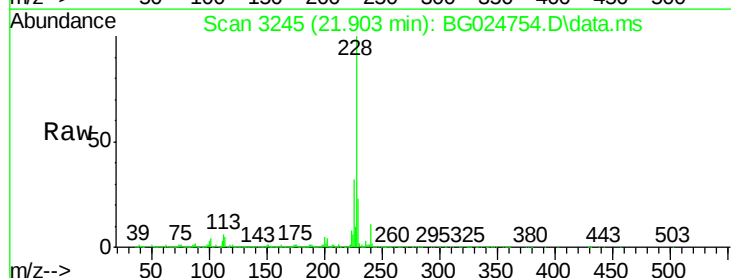
Instrument :  
BNA\_G  
ClientSampleId :

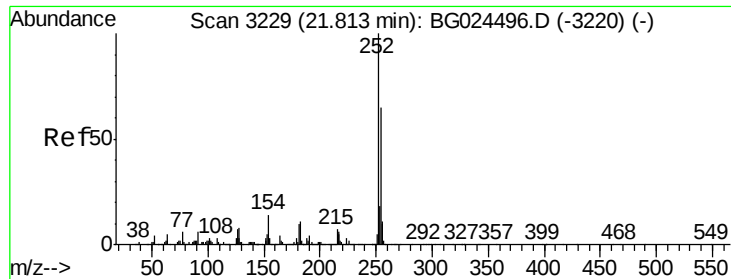
| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 149     | 100   |       |       |
| 91      | 79.6  | 63.5  | 95.3  |
| 206     | 27.6  | 21.0  | 31.6  |



#80  
Benzo(a)anthracene  
Concen: 40.54 ng  
RT: 21.903 min Scan# 3245  
Delta R.T. -0.003 min  
Lab File: BG024754.D  
Acq: 8 Nov 2016 11:36

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 228     | 100   |       |       |
| 226     | 32.0  | 24.9  | 37.3  |
| 229     | 22.9  | 18.2  | 27.2  |

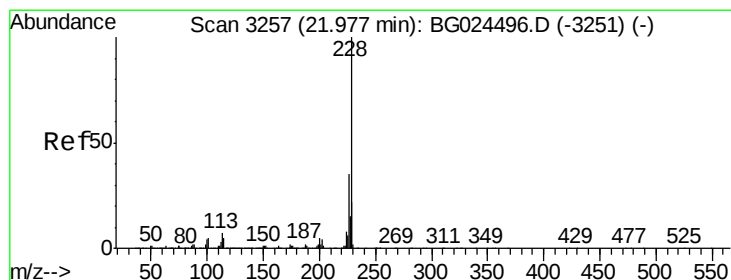
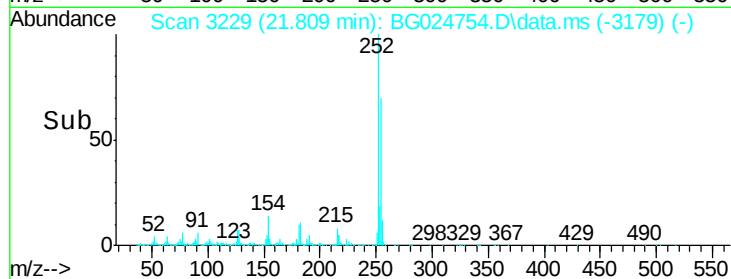
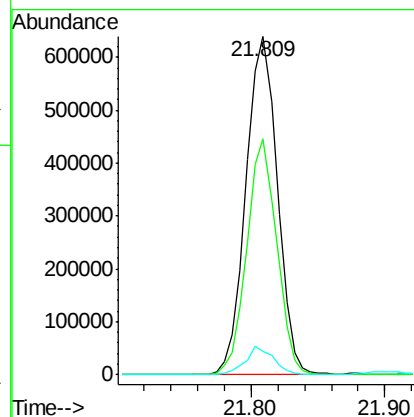
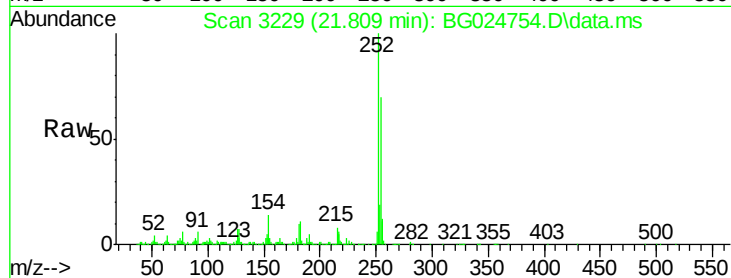




#81  
 3,3'-Dichlorobenzidine  
 Concen: 40.28 ng  
 RT: 21.809 min Scan# 3229  
 Delta R.T. -0.003 min  
 Lab File: BG024754.D  
 Acq: 8 Nov 2016 11:36

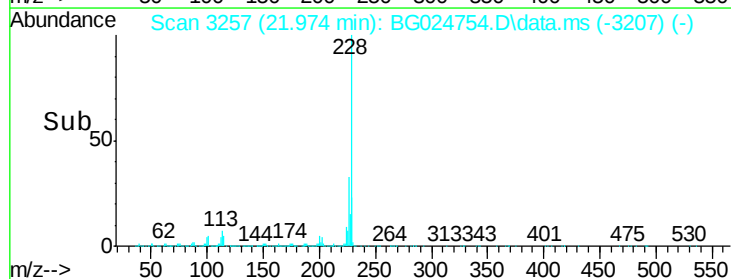
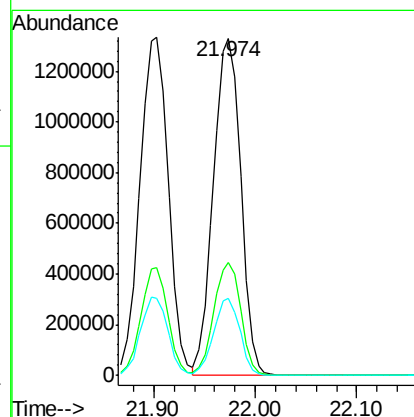
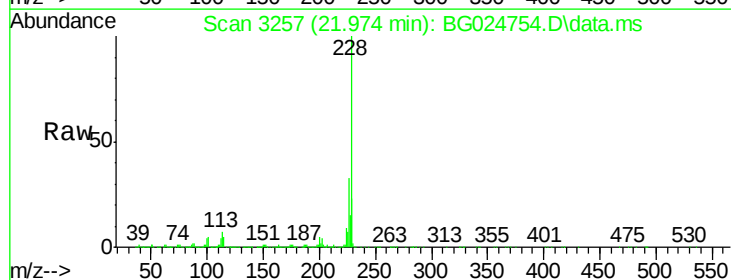
Instrument :  
 BNA\_G  
 ClientSampleId :

Tot Ion:252 Resp: 1037313  
 Ion Ratio Lower Upper  
 252 100  
 254 69.8 53.1 79.7  
 126 6.8 7.0 10.4#



#82  
 Chrysene  
 Concen: 40.99 ng  
 RT: 21.974 min Scan# 3257  
 Delta R.T. -0.003 min  
 Lab File: BG024754.D  
 Acq: 8 Nov 2016 11:36

Tgt Ion:228 Resp: 2491814  
 Ion Ratio Lower Upper  
 228 100  
 226 33.5 27.0 40.4  
 229 22.7 17.8 26.6



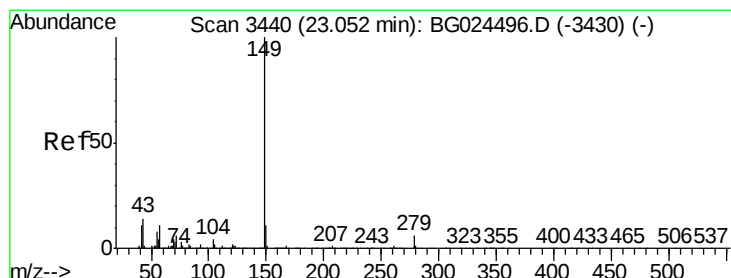
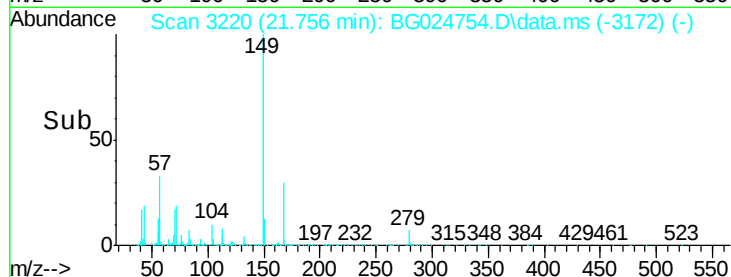
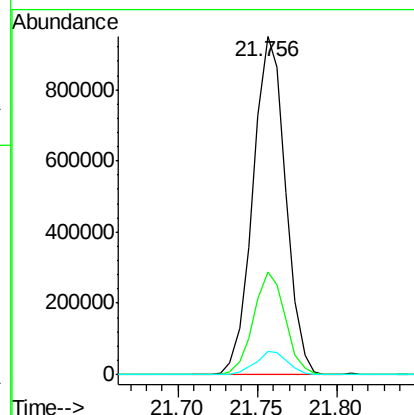
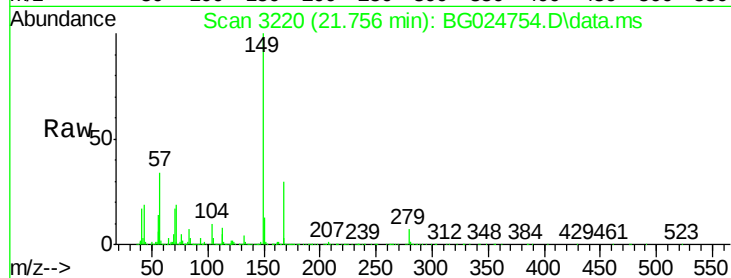


#83  
 Bis(2-ethylhexyl)phthalate  
 Concen: 40.05 ng  
 RT: 21.756 min Scan# 321  
 Delta R.T. -0.015 min  
 Lab File: BG024754.D  
 Acq: 8 Nov 2016 11:36

Instrument :  
 BNA\_G  
 ClientSampleId :

Tot Ion:149 Resp: 1356689  

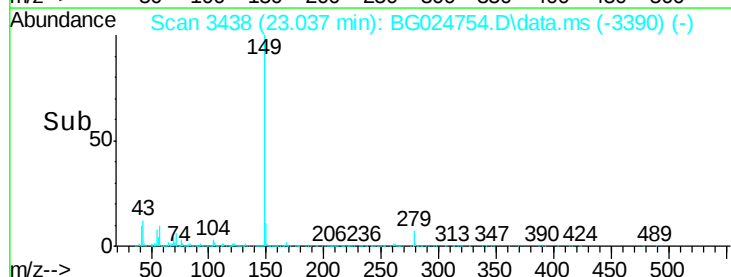
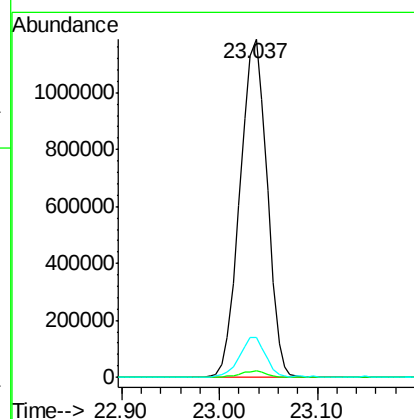
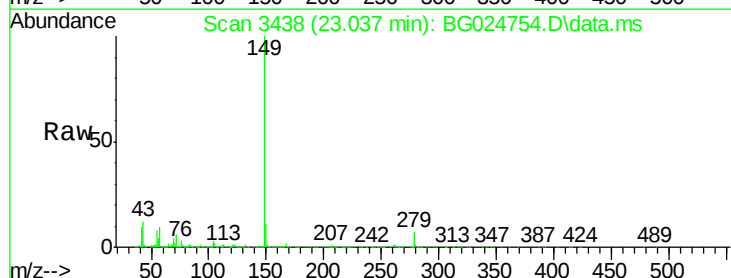
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 149 | 100   |       |       |
| 167 | 30.2  | 23.7  | 35.5  |
| 279 | 6.8   | 4.6   | 6.8   |

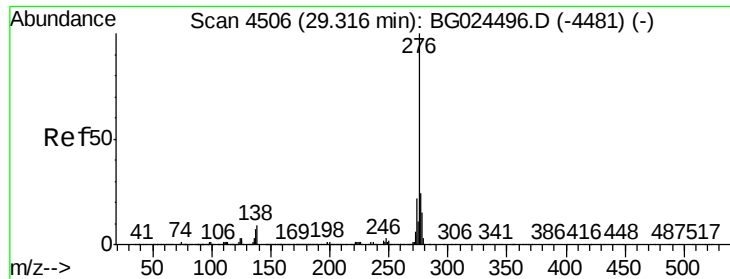


#84  
 Di-n-octyl phthalate  
 Concen: 40.69 ng  
 RT: 23.037 min Scan# 3438  
 Delta R.T. -0.015 min  
 Lab File: BG024754.D  
 Acq: 8 Nov 2016 11:36

Tgt Ion:149 Resp: 2287515  

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 149 | 100   |       |       |
| 167 | 1.9   | 1.4   | 2.2   |
| 43  | 11.3  | 11.8  | 17.6# |

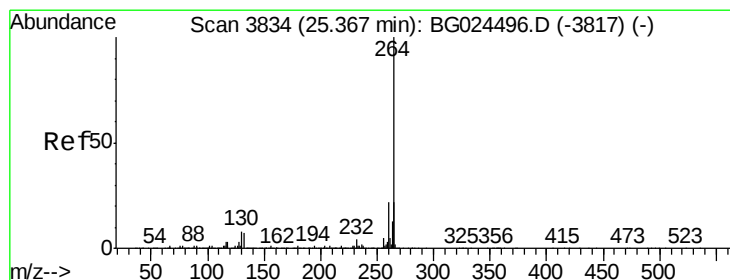
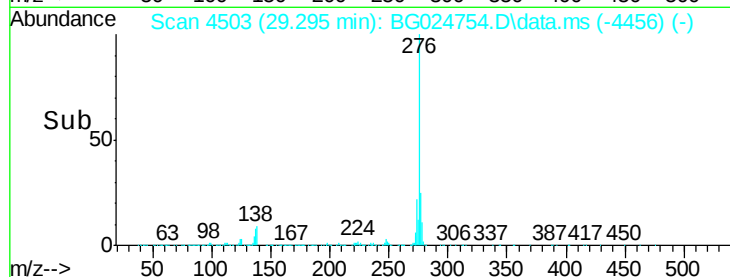
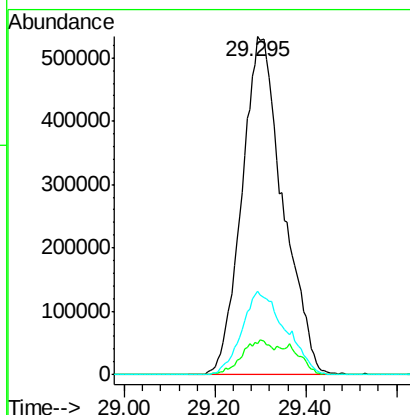
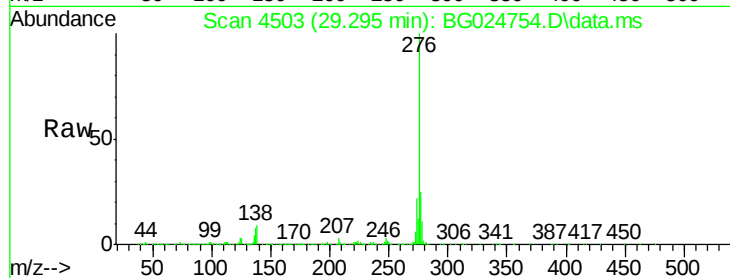




#85  
Indeno(1,2,3-cd)pyrene  
Concen: 39.89 ng  
RT: 29.295 min Scan# 45  
Delta R.T. -0.021 min  
Lab File: BG024754.D  
Acq: 8 Nov 2016 11:36

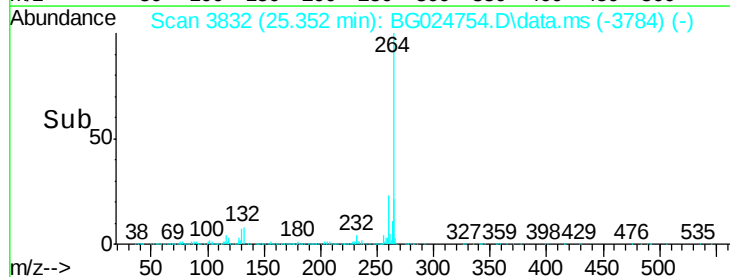
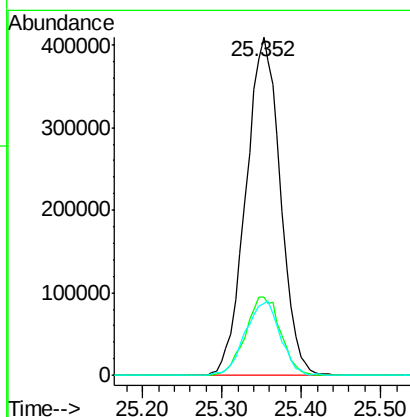
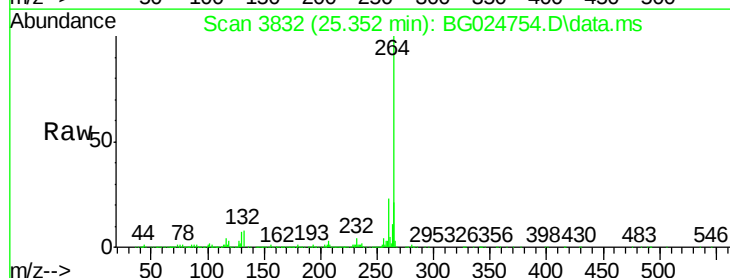
Instrument :  
BNA\_G  
ClientSampleId :

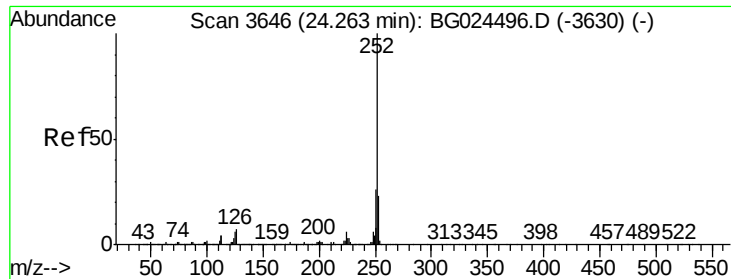
Tot Ion:276 Resp: 3347498  
Ion Ratio Lower Upper  
276 100  
138 7.3 4.7 7.1#  
277 25.9 20.6 31.0



#86  
Perylene-d12  
Concen: 20.00 ng  
RT: 25.352 min Scan# 3832  
Delta R.T. -0.015 min  
Lab File: BG024754.D  
Acq: 8 Nov 2016 11:36

Tgt Ion:264 Resp: 1235663  
Ion Ratio Lower Upper  
264 100  
260 23.2 21.8 32.8  
265 21.2 18.2 27.4





#87

Benzo(b)fluoranthene

Concen: 41.16 ng

RT: 24.253 min Scan# 3645

Delta R.T. -0.009 min

Lab File: BG024754.D

Acq: 8 Nov 2016 11:36

Instrument :

BNA\_G

ClientSampleId :

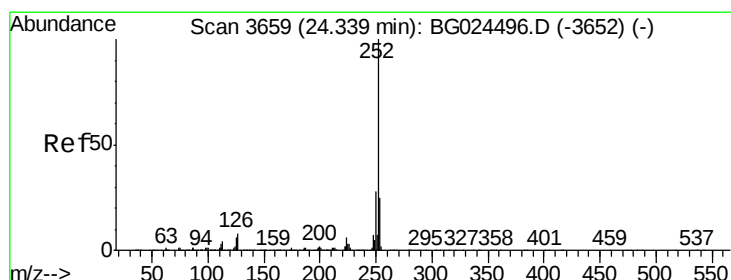
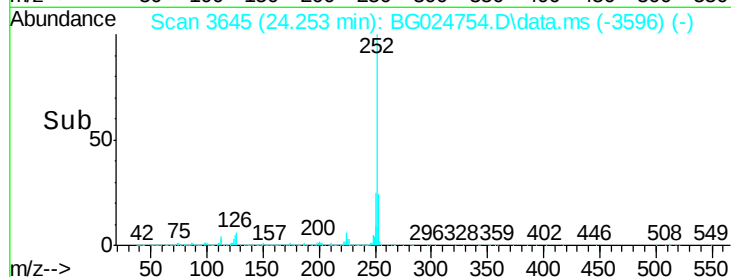
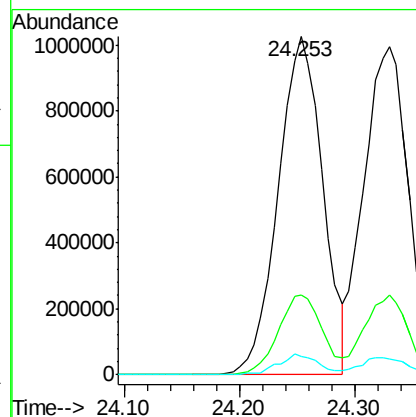
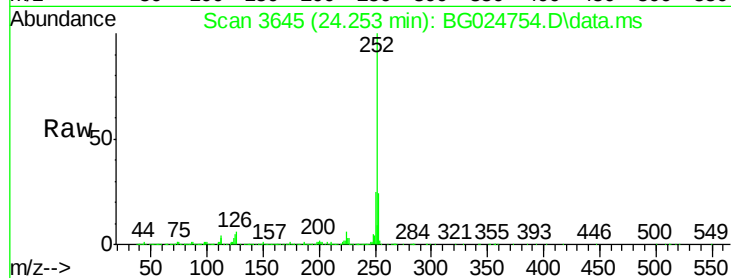
Tot Ion:252 Resp: 2748887

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 252 | 100   |       |       |
| 253 | 23.6  | 18.7  | 28.1  |
| 125 | 5.5   | 5.3   | 7.9   |

252 100

253 23.6 18.7 28.1

125 5.5 5.3 7.9



#88

Benzo(k)fluoranthene

Concen: 42.62 ng

RT: 24.253 min Scan# 3645

Delta R.T. -0.086 min

Lab File: BG024754.D

Acq: 8 Nov 2016 11:36

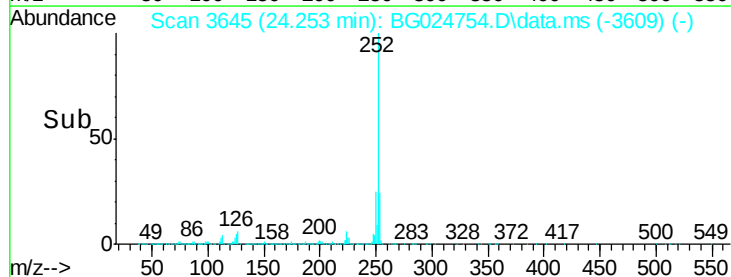
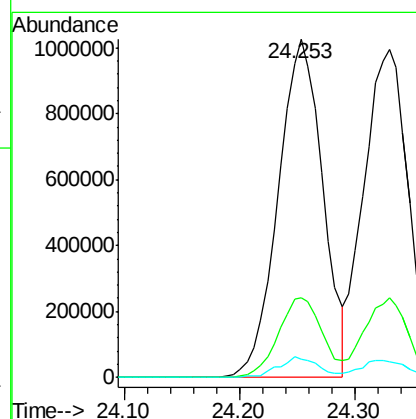
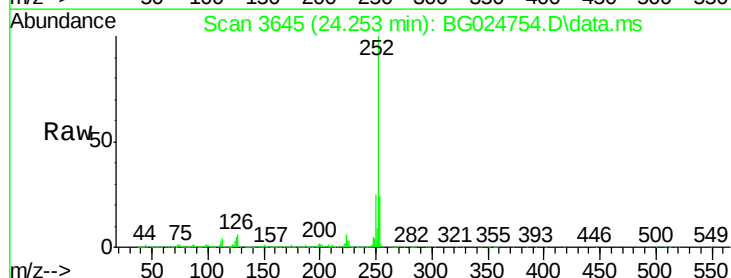
Tgt Ion:252 Resp: 2748887

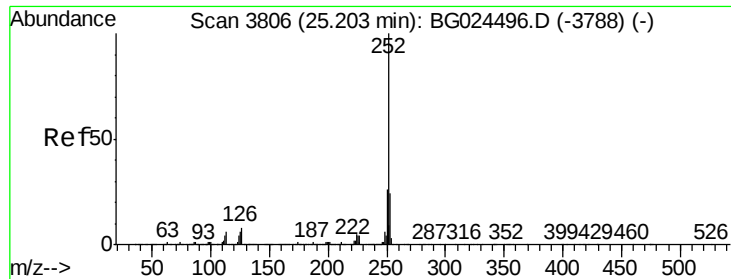
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 252 | 100   |       |       |
| 253 | 23.6  | 20.2  | 30.2  |
| 125 | 5.5   | 5.1   | 7.7   |

252 100

253 23.6 20.2 30.2

125 5.5 5.1 7.7





#89

Benzo(a)pyrene

Concen: 41.30 ng

RT: 25.193 min Scan# 38

Delta R.T. -0.009 min

Lab File: BG024754.D

Acq: 8 Nov 2016 11:36

Instrument :

BNA\_G

ClientSampleId :

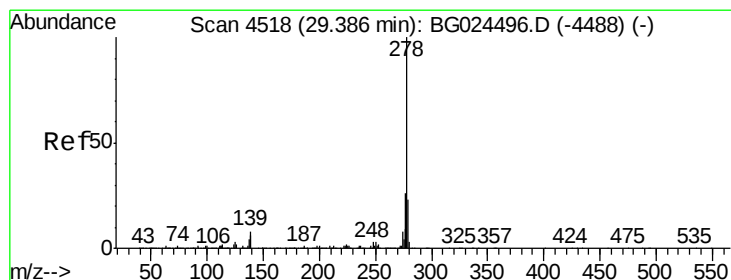
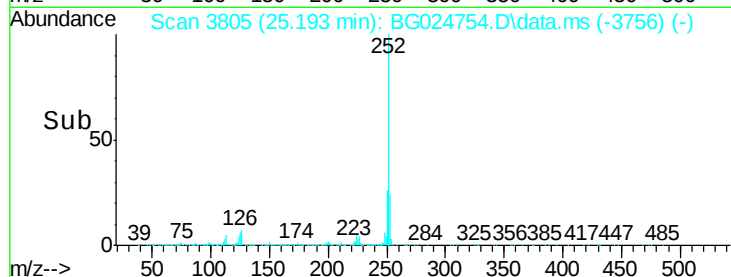
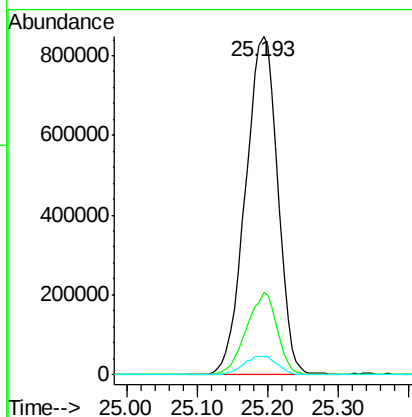
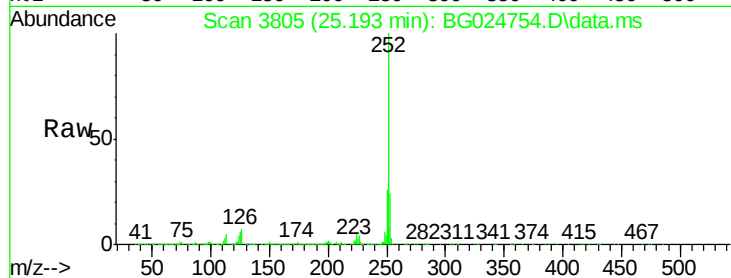
Tot Ion:252 Resp: 2695644

Ion Ratio Lower Upper

252 100

253 24.3 19.2 28.8

125 5.5 5.4 8.0



#90

Dibenzo(a,h)anthracene

Concen: 39.73 ng

RT: 29.371 min Scan# 4516

Delta R.T. -0.015 min

Lab File: BG024754.D

Acq: 8 Nov 2016 11:36

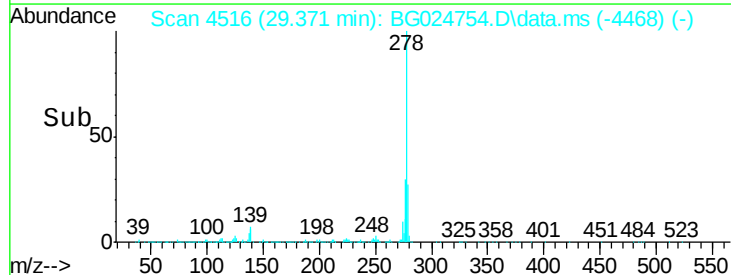
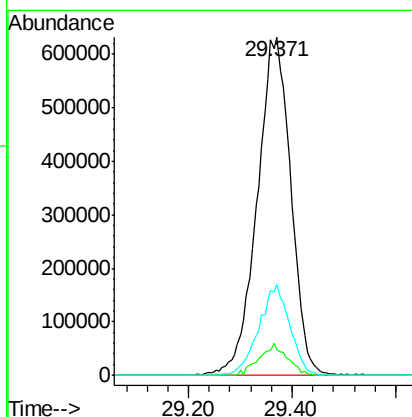
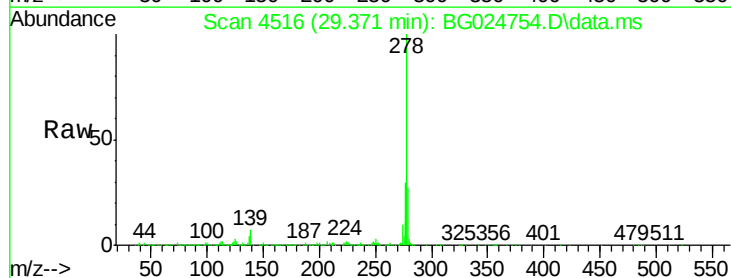
Tgt Ion:278 Resp: 2846094

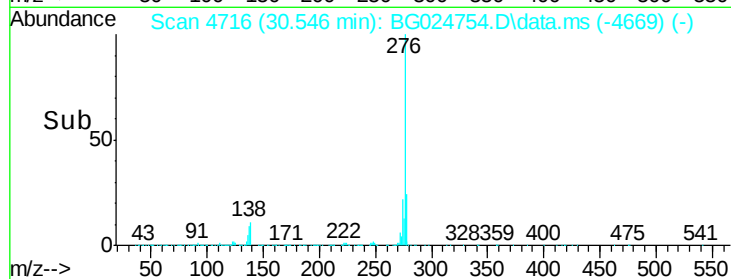
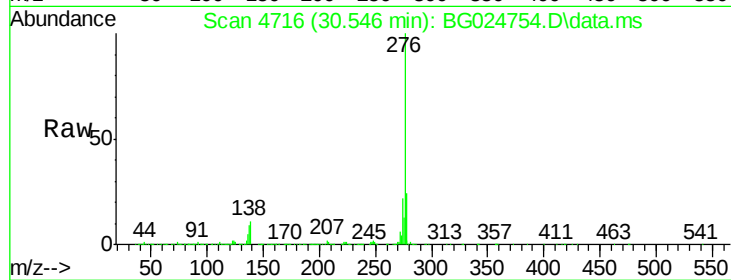
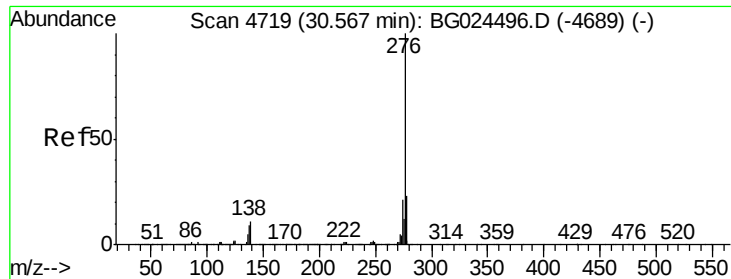
Ion Ratio Lower Upper

278 100

139 7.5 7.7 11.5#

279 26.9 19.1 28.7





#91

Benzo(a,h,i)perylene

Concen: 39.75 ng

RT: 30.546 min Scan# 47

Delta R.T. -0.021 min

Lab File: BG024754.D

Acq: 8 Nov 2016 11:36

Instrument :

BNA\_G

ClientSampleId :

Tot Ion:276 Resp: 2844324

Ion Ratio Lower Upper

276 100

277 24.2 18.6 27.8

138 10.8 8.1 12.1

