

Data Path : Z:\HPCHEM1\BNA G\Data\BG071116\NRD\  
 Data File : BG023004.D  
 Acq On : 11 Jul 2016 17:18  
 Operator : UM/SJ  
 Sample : SSTDCCC040  
 Misc :  
 ALS Vial : 2 Sample Multiplier: 1

Instrument :  
 BNA\_G  
 ClientSampleId :  
 SSTDCCC040

Quant Time: Jul 12 09:31:21 2016  
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG070816.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Thu Jul 07 16:51:07 2016  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc  | Units | Dev(Min) |
|-------------------------------|--------|------|----------|-------|-------|----------|
| -----                         |        |      |          |       |       |          |
| Internal Standards            |        |      |          |       |       |          |
| 1) 1,4-Dichlorobenzene-d4     | 8.160  | 152  | 86072    | 20.00 | ng    | 0.00     |
| 21) Naphthalene-d8            | 10.986 | 136  | 432541   | 20.00 | ng    | 0.00     |
| 38) Acenaphthene-d10          | 14.806 | 164  | 336204   | 20.00 | ng    | 0.00     |
| 63) Phenanthrene-d10          | 17.555 | 188  | 759558   | 20.00 | ng    | 0.00     |
| 75) Chrysene-d12              | 21.862 | 240  | 816537   | 20.00 | ng    | 0.01     |
| 86) Perylene-d12              | 25.240 | 264  | 829868   | 20.00 | ng    | 0.06     |
| System Monitoring Compounds   |        |      |          |       |       |          |
| 5) 2-Fluorophenol             | 5.699  | 112  | 415184   | 78.89 | ng    | 0.00     |
| 7) Phenol-d6                  | 7.308  | 99   | 712639   | 86.46 | ng    | 0.00     |
| 23) Nitrobenzene-d5           | 9.330  | 82   | 818874   | 81.06 | ng    | 0.00     |
| 41) 2,4,6-Tribromophenol      | 16.292 | 330  | 395113   | 65.39 | ng    | 0.00     |
| 44) 2-Fluorobiphenyl          | 13.425 | 172  | 1747838  | 81.89 | ng    | 0.00     |
| 78) Terphenyl-d14             | 20.158 | 244  | 2315448  | 93.36 | ng    | 0.00     |
| Target Compounds              |        |      |          |       |       |          |
|                               |        |      |          |       |       | Qvalue   |
| 2) 1,4-Dioxane                | 3.566  | 88   | 82205    | 40.19 | ng    | 94       |
| 3) Pyridine                   | 3.971  | 79   | 283378   | 40.48 | ng    | 95       |
| 4) n-Nitrosodimethylamine     | 3.883  | 42   | 120927   | 40.27 | ng    | # 95     |
| 6) Aniline                    | 7.479  | 93   | 484065   | 42.38 | ng    | 94       |
| 8) 2-Chlorophenol             | 7.720  | 128  | 238238   | 42.54 | ng    | 99       |
| 9) Benzaldehyde               | 7.285  | 77   | 224399   | 40.74 | ng    | 94       |
| 10) Phenol                    | 7.338  | 94   | 370149   | 43.65 | ng    | 92       |
| 11) bis(2-Chloroethyl)ether   | 7.567  | 93   | 271438   | 40.38 | ng    | 94       |
| 12) 1,3-Dichlorobenzene       | 8.049  | 146  | 280095   | 40.86 | ng    | 95       |
| 13) 1,4-Dichlorobenzene       | 8.196  | 146  | 290151   | 42.28 | ng    | 98       |
| 14) 1,2-Dichlorobenzene       | 8.519  | 146  | 278403   | 40.80 | ng    | 95       |
| 15) Benzyl Alcohol            | 8.395  | 79   | 323574   | 42.86 | ng    | 98       |
| 16) 2,2'-oxybis(1-Chloropr... | 8.677  | 45   | 346367   | 42.18 | ng    | 97       |
| 17) 2-Methylphenol            | 8.607  | 107  | 237656   | 43.05 | ng    | 89       |
| 18) Hexachloroethane          | 9.247  | 117  | 116405   | 40.18 | ng    | 97       |
| 19) n-Nitroso-di-n-propyla... | 8.965  | 70   | 304290   | 40.95 | ng    | # 92     |
| 20) 3+4-Methylphenols         | 8.930  | 107  | 341490   | 44.35 | ng    | 95       |
| 22) Acetophenone              | 8.983  | 105  | 499388   | 38.47 | ng    | # 94     |
| 24) Nitrobenzene              | 9.377  | 77   | 435065   | 40.53 | ng    | 94       |
| 25) Isophorone                | 9.894  | 82   | 781849   | 38.48 | ng    | # 96     |
| 26) 2-Nitrophenol             | 10.088 | 139  | 165601   | 39.32 | ng    | 95       |
| 27) 2,4-Dimethylphenol        | 10.146 | 122  | 285853   | 39.26 | ng    | 93       |
| 28) bis(2-Chloroethoxy)met... | 10.375 | 93   | 442043   | 39.01 | ng    | 98       |
| 29) 2,4-Dichlorophenol        | 10.628 | 162  | 322922   | 41.59 | ng    | 97       |
| 30) 1,2,4-Trichlorobenzene    | 10.845 | 180  | 351403   | 39.49 | ng    | 98       |
| 31) Naphthalene               | 11.039 | 128  | 901801   | 40.96 | ng    | 98       |
| 32) Benzoic acid              | 10.281 | 122  | 242617   | 36.63 | ng    | 94       |
| 33) 4-Chloroaniline           | 11.145 | 127  | 424207   | 39.40 | ng    | 97       |
| 34) Hexachlorobutadiene       | 11.315 | 225  | 274736   | 38.09 | ng    | 99       |
| 35) Caprolactam               | 11.921 | 113  | 111375   | 34.86 | ng    | 97       |
| 36) 4-Chloro-3-methylphenol   | 12.261 | 107  | 427901   | 40.29 | ng    | 97       |
| 37) 2-Methylnaphthalene       | 12.637 | 142  | 711743   | 40.90 | ng    | 96       |
| 39) 1,2,4,5-Tetrachloroben... | 13.002 | 216  | 597157   | 41.22 | ng    | 98       |

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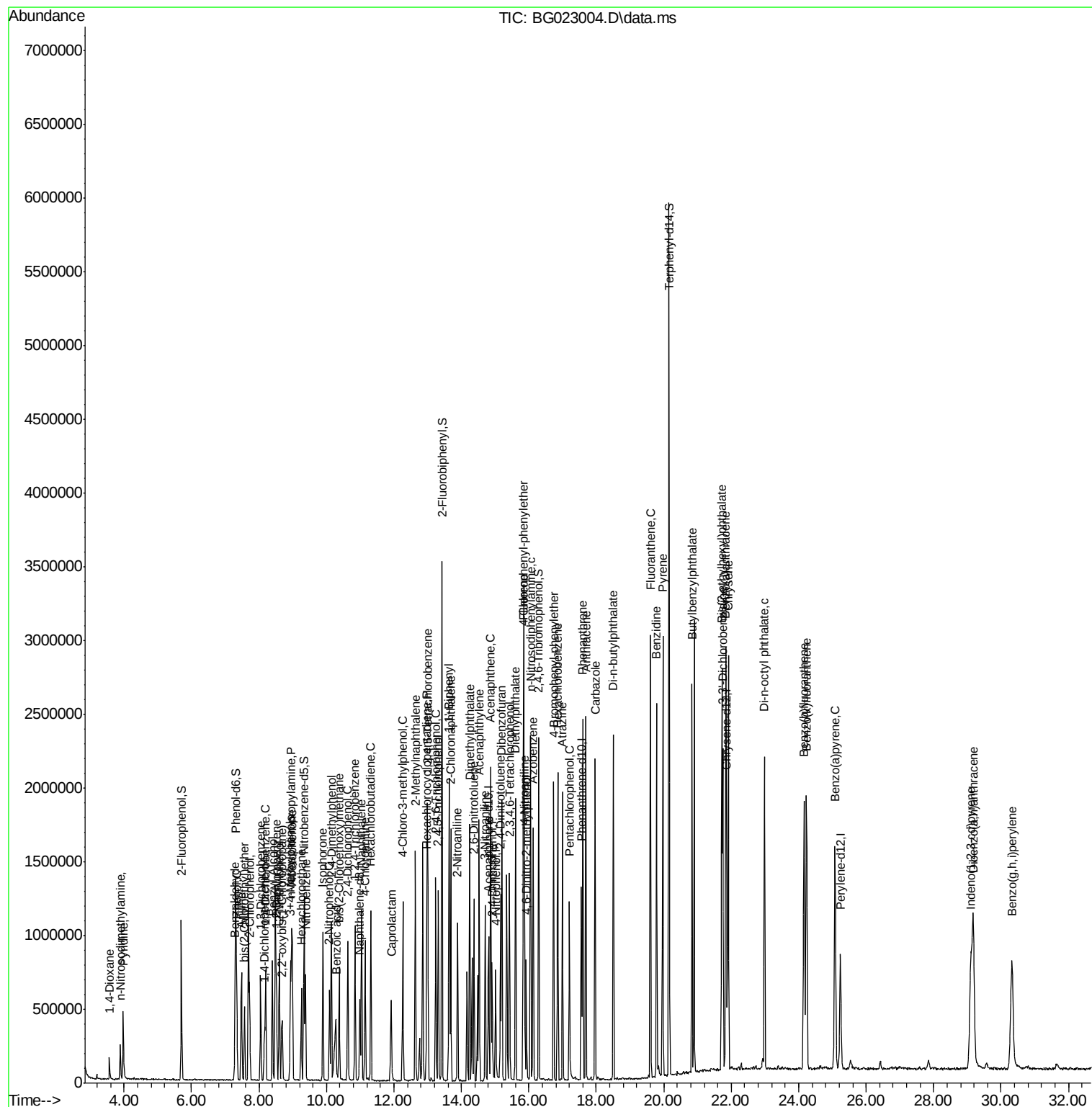
| Compound                      | R.T.   | QIon | Response | Conc  | Units | Dev(Min) |
|-------------------------------|--------|------|----------|-------|-------|----------|
| 40) Hexachlorocyclopentadiene | 12.972 | 237  | 361573   | 43.35 | nq    | 99       |
| 42) 2,4,6-Trichlorophenol     | 13.237 | 196  | 328714   | 39.47 | nq    | 96       |
| 43) 2,4,5-Trichlorophenol     | 13.313 | 196  | 330899   | 38.69 | nq    | 94       |
| 45) 1,1'-Biphenyl             | 13.636 | 154  | 1053428  | 41.76 | nq    | 98       |
| 46) 2-Chloronaphthalene       | 13.683 | 162  | 852822   | 41.68 | nq    | 96       |
| 47) 2-Nitroaniline            | 13.883 | 65   | 353165   | 40.45 | nq    | 98       |
| 48) Acenaphthylene            | 14.524 | 152  | 1252287  | 40.80 | nq    | 100      |
| 49) Dimethylphthalate         | 14.247 | 163  | 1029423  | 37.48 | nq    | 99       |
| 50) 2,6-Dinitrotoluene        | 14.371 | 165  | 230149   | 37.29 | nq    | 87       |
| 51) Acenaphthene              | 14.864 | 154  | 800581   | 39.91 | nq    | 99       |
| 52) 3-Nitroaniline            | 14.706 | 138  | 235320   | 38.24 | nq    | 95       |
| 53) 2,4-Dinitrophenol         | 14.911 | 184  | 178332   | 42.11 | nq    | 96       |
| 54) Dibenzofuran              | 15.199 | 168  | 1157528  | 38.55 | nq    | 98       |
| 55) 4-Nitrophenol             | 15.017 | 139  | 177726   | 34.45 | nq    | 91       |
| 56) 2,4-Dinitrotoluene        | 15.158 | 165  | 331111   | 36.80 | nq    | # 99     |
| 57) Fluorene                  | 15.851 | 166  | 982926   | 38.04 | nq    | 96       |
| 58) 2,3,4,6-Tetrachlorophenol | 15.428 | 232  | 297368   | 34.76 | nq    | 99       |
| 59) Diethylphthalate          | 15.605 | 149  | 1026651  | 36.74 | nq    | 99       |
| 60) 4-Chlorophenyl-phenyle... | 15.834 | 204  | 589207   | 37.44 | nq    | 98       |
| 61) 4-Nitroaniline            | 15.869 | 138  | 232251   | 34.88 | nq    | 92       |
| 62) Azobenzene                | 16.128 | 77   | 1069866  | 40.03 | nq    | 93       |
| 64) 4,6-Dinitro-2-methylph... | 15.922 | 198  | 186276   | 33.00 | nq    | 95       |
| 65) n-Nitrosodiphenylamine    | 16.051 | 169  | 925445   | 42.29 | nq    | 99       |
| 66) 4-Bromophenyl-phenylether | 16.733 | 248  | 390379   | 39.50 | nq    | 97       |
| 67) Hexachlorobenzene         | 16.856 | 284  | 414301   | 38.56 | nq    | 98       |
| 68) Atrazine                  | 16.997 | 200  | 376074   | 38.74 | nq    | 96       |
| 69) Pentachlorophenol         | 17.203 | 266  | 235761   | 33.88 | nq    | 97       |
| 70) Phenanthrene              | 17.602 | 178  | 1497632  | 40.23 | nq    | 98       |
| 71) Anthracene                | 17.690 | 178  | 1538458  | 40.82 | nq    | 99       |
| 72) Carbazole                 | 17.961 | 167  | 1305289  | 40.08 | nq    | 96       |
| 73) Di-n-butylphthalate       | 18.501 | 149  | 1559027  | 43.04 | nq    | 98       |
| 74) Fluoranthene              | 19.606 | 202  | 1797647  | 39.35 | nq    | 97       |
| 76) Benzidine                 | 19.782 | 184  | 1407444  | 60.12 | nq    | 99       |
| 77) Pyrene                    | 19.970 | 202  | 1848691  | 40.29 | nq    | 98       |
| 79) Butylbenzylphthalate      | 20.840 | 149  | 749932   | 41.26 | nq    | 97       |
| 80) Benzo(a)anthracene        | 21.838 | 228  | 1873137  | 41.00 | nq    | 97       |
| 81) 3,3'-Dichlorobenzidine    | 21.750 | 252  | 798008   | 39.80 | nq    | 98       |
| 82) Chrysene                  | 21.909 | 228  | 1772259  | 41.36 | nq    | 100      |
| 83) Bis(2-ethylhexyl)phtha... | 21.721 | 149  | 1044110  | 41.37 | nq    | 100      |
| 84) Di-n-octyl phthalate      | 22.984 | 149  | 1734719  | 41.22 | nq    | 97       |
| 85) Indeno(1,2,3-cd)pyrene    | 29.106 | 276  | 2032688  | 37.20 | nq    | # 100    |
| 87) Benzo(b)fluoranthene      | 24.159 | 252  | 1934906  | 40.41 | nq    | # 96     |
| 88) Benzo(k)fluoranthene      | 24.230 | 252  | 1898631  | 41.79 | nq    | # 97     |
| 89) Benzo(a)pyrene            | 25.082 | 252  | 1850615  | 40.32 | nq    | 99       |
| 90) Dibenzo(a,h)anthracene    | 29.177 | 278  | 1778152  | 39.04 | nq    | # 96     |
| 91) Benzo(g,h,i)perylene      | 30.323 | 276  | 1752763  | 38.42 | nq    | # 98     |

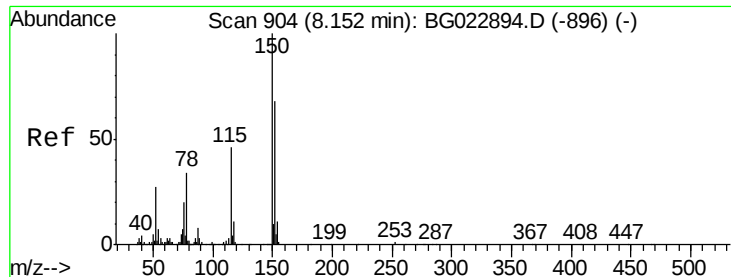
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 8.160 min Scan# 90

Delta R.T. 0.009 min

Lab File: BG023004.D

Acq: 11 Jul 2016 17:18

Instrument :

BNA\_G

ClientSampleId :

SSTDCCC040

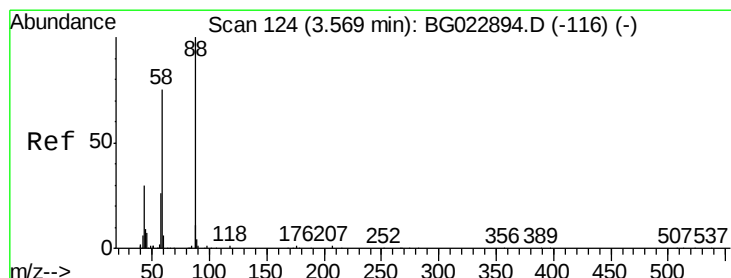
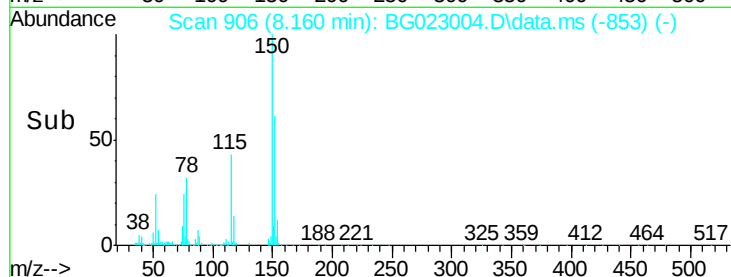
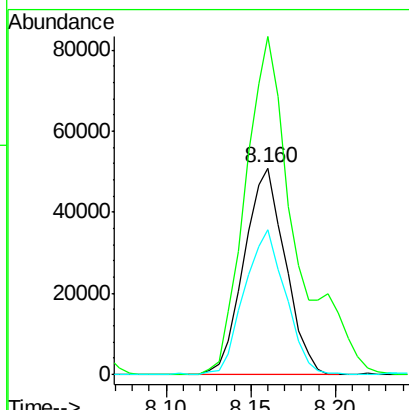
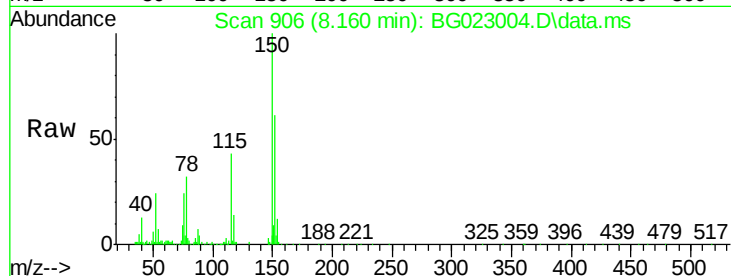
Tot Ion:152 Resp: 86072

Ion Ratio Lower Upper

152 100

150 163.6 144.7 217.1

115 69.9 64.0 96.0



#2

1,4-Dioxane

Concen: 40.19 ng

RT: 3.566 min Scan# 124

Delta R.T. -0.003 min

Lab File: BG023004.D

Acq: 11 Jul 2016 17:18

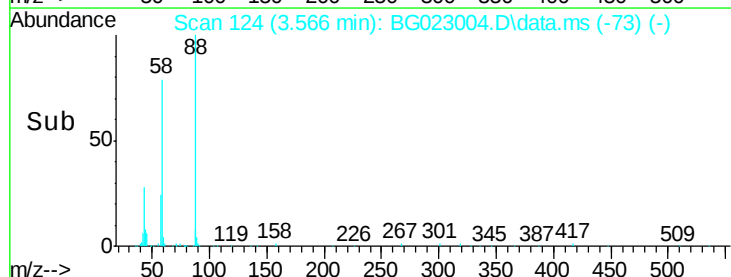
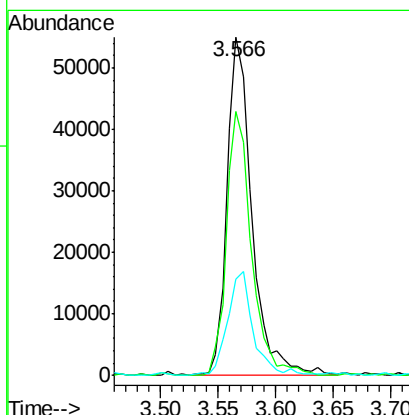
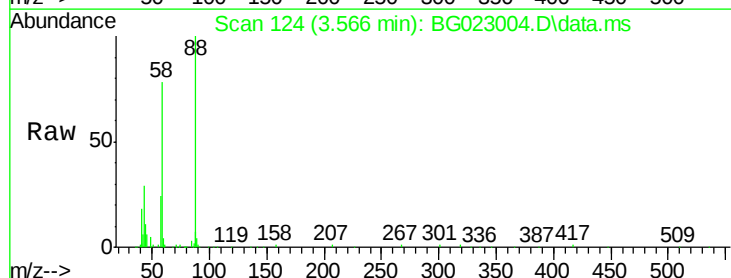
Tgt Ion: 88 Resp: 82205

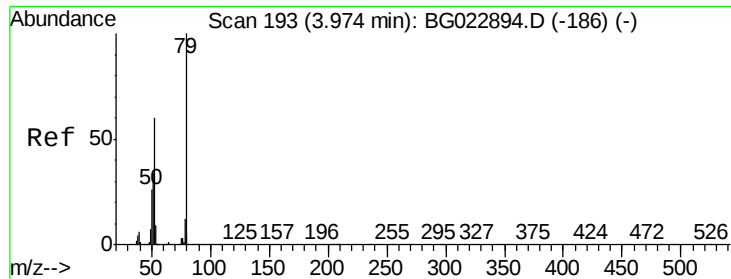
Ion Ratio Lower Upper

88 100

58 78.3 60.4 90.6

43 31.5 31.1 46.7





#3

Pvridine

Concen: 40.48 ng

RT: 3.971 min Scan# 19

Delta R.T. -0.003 min

Lab File: BG023004.D

Acq: 11 Jul 2016 17:18

Instrument :

BNA\_G

ClientSampleId :

SSTDCCC040

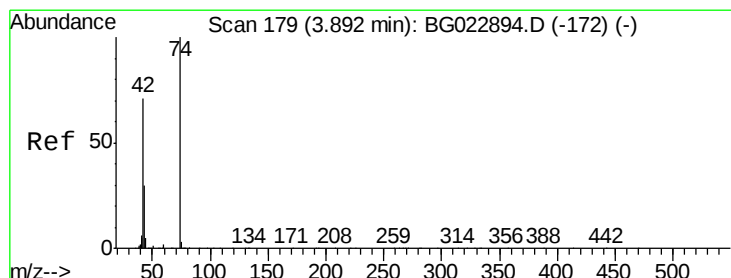
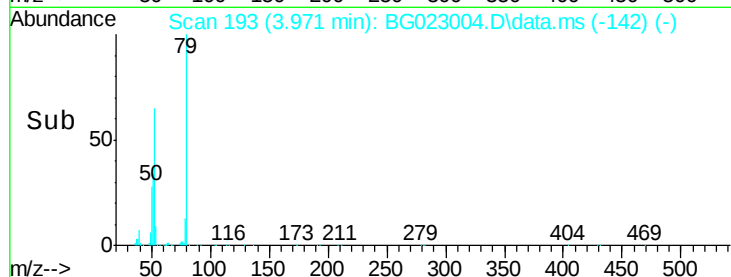
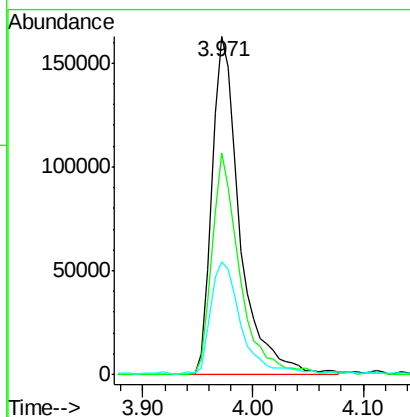
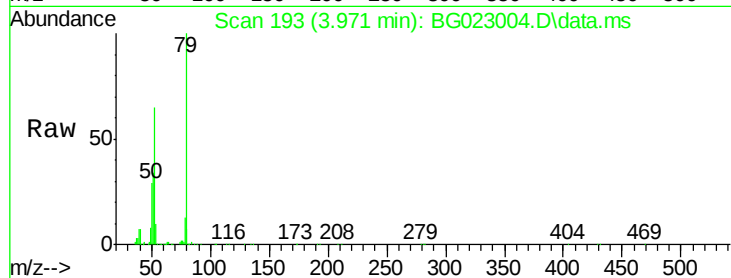
Tot Ion: 79 Resp: 283378

Ion Ratio Lower Upper

79 100

52 65.4 51.8 77.8

51 33.6 32.7 49.1



#4

n-Nitrosodimethylamine

Concen: 40.27 ng

RT: 3.883 min Scan# 178

Delta R.T. -0.009 min

Lab File: BG023004.D

Acq: 11 Jul 2016 17:18

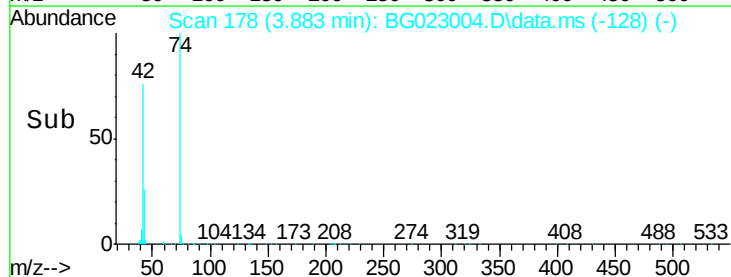
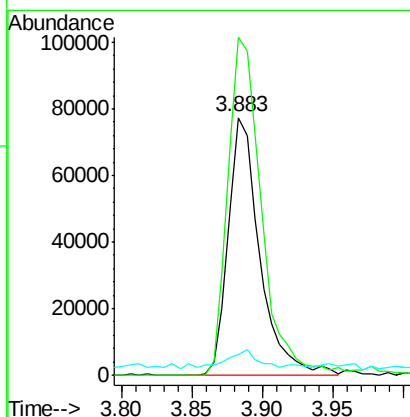
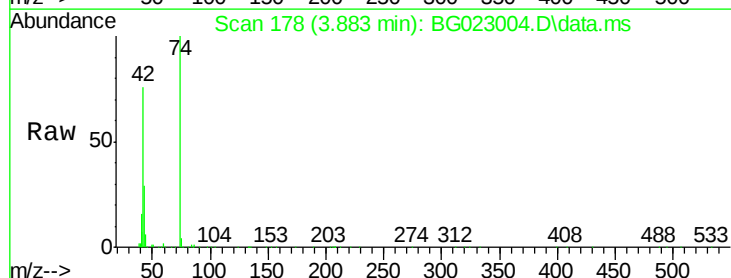
Tgt Ion: 42 Resp: 120927

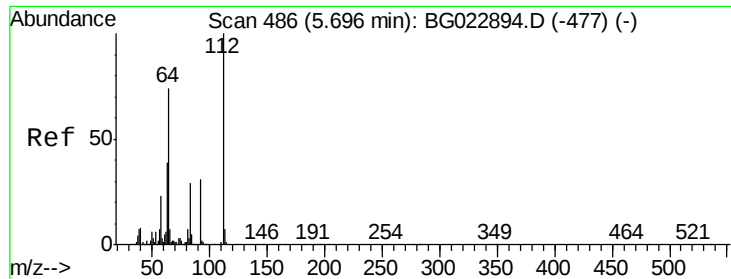
Ion Ratio Lower Upper

42 100

74 131.1 100.6 150.8

44 7.9 4.5 6.7#





#5

2-Fluorophenol

Concen: 78.89 ng

RT: 5.699 min Scan# 48

Delta R.T. 0.004 min

Lab File: BG023004.D

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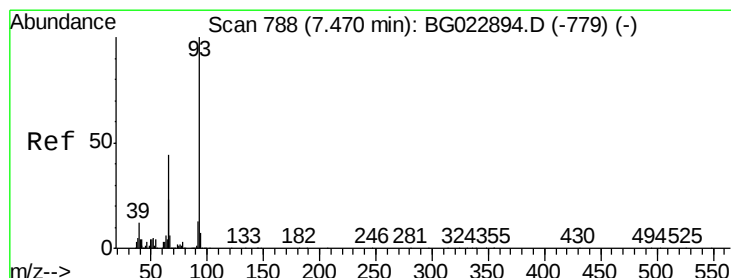
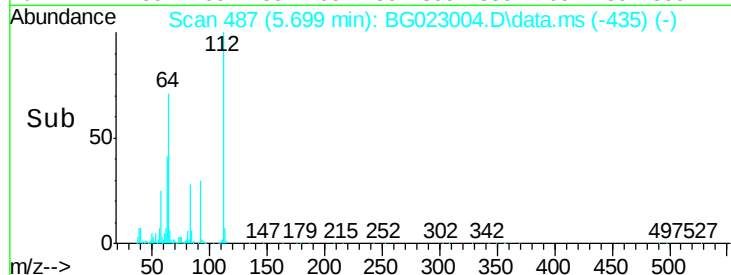
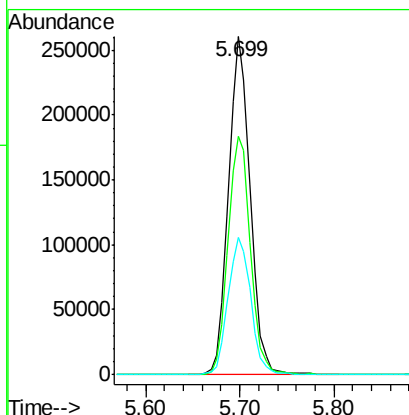
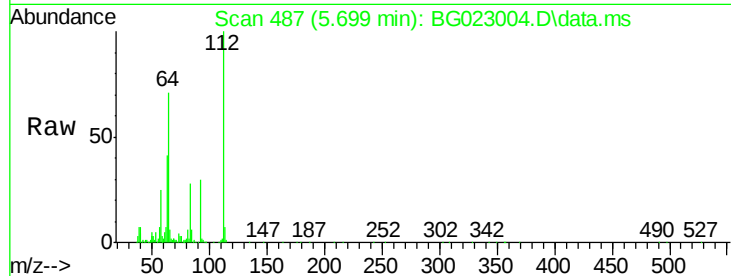
Tot Ion:112 Resp: 415184

Ion Ratio Lower Upper

112 100

64 70.5 59.0 88.4

63 40.5 37.8 56.8



#6

Aniline

Concen: 42.38 ng

RT: 7.479 min Scan# 790

Delta R.T. 0.009 min

Lab File: BG023004.D

Acq: 11 Jul 2016 17:18

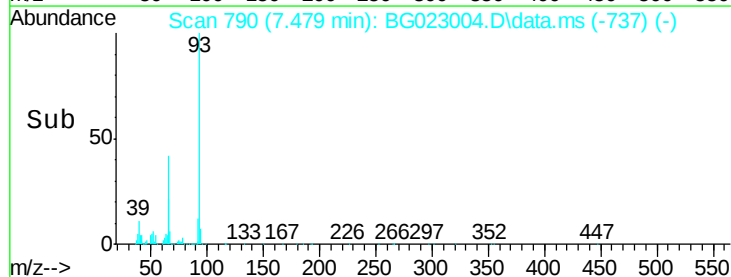
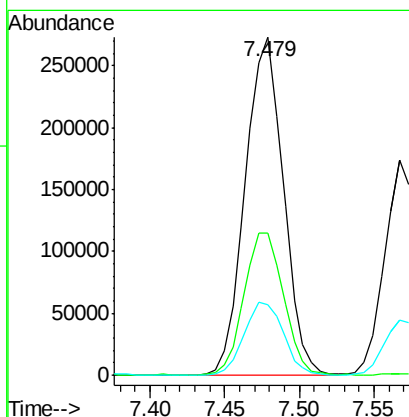
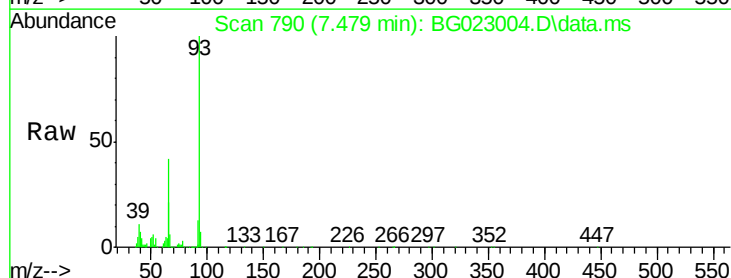
Tgt Ion: 93 Resp: 484065

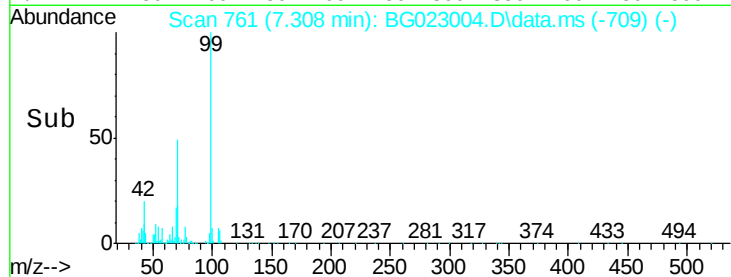
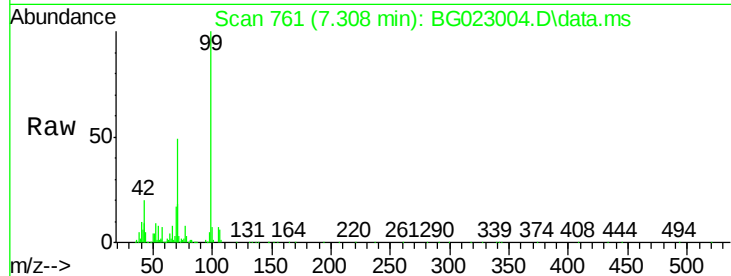
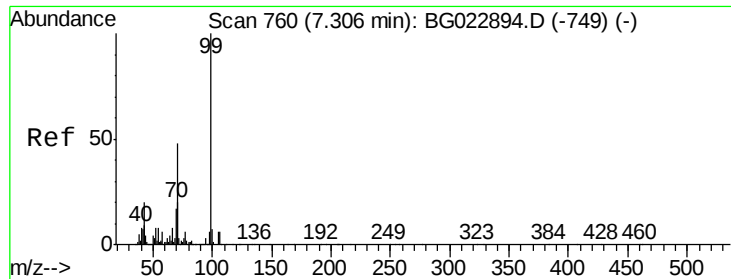
Ion Ratio Lower Upper

93 100

66 42.2 37.5 56.3

65 21.1 17.9 26.9





#7

Phenol-d6

Concen: 86.46 ng

RT: 7.308 min Scan# 761

Delta R.T. 0.003 min

Lab File: BG023004.D

Acq: 11 Jul 2016 17:18

Instrument :

BNA\_G

ClientSampleId :

SSTDCCC040

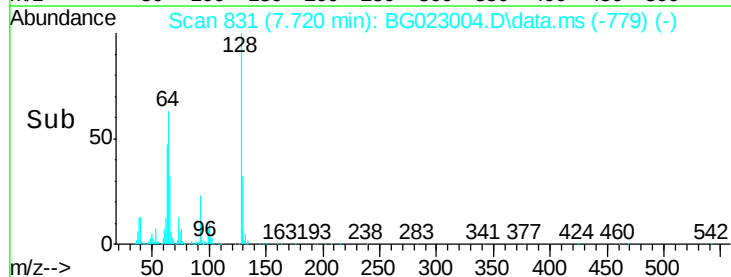
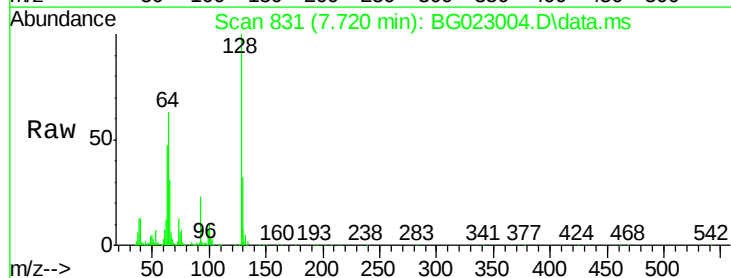
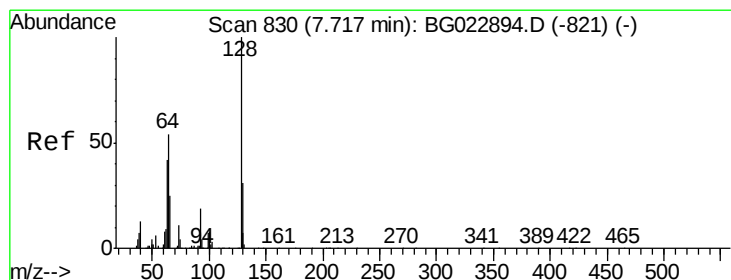
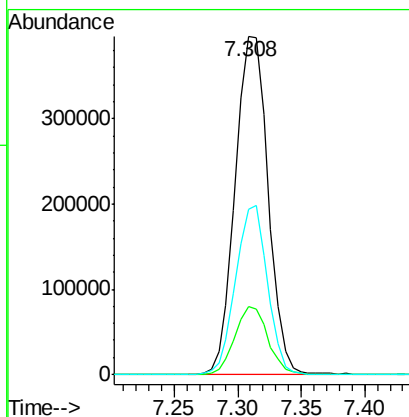
Tot Ion: 99 Resp: 712639

Ion Ratio Lower Upper

99 100

42 20.2 17.8 26.6

71 48.9 41.5 62.3



#8

2-Chlorophenol

Concen: 42.54 ng

RT: 7.720 min Scan# 831

Delta R.T. 0.003 min

Lab File: BG023004.D

Acq: 11 Jul 2016 17:18

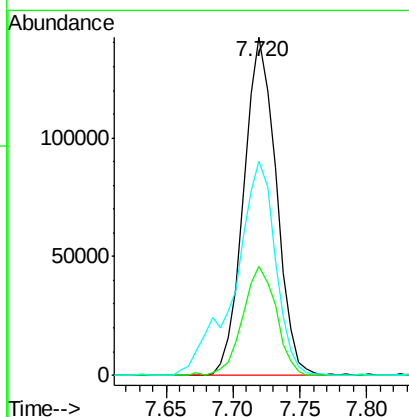
Tgt Ion: 128 Resp: 238238

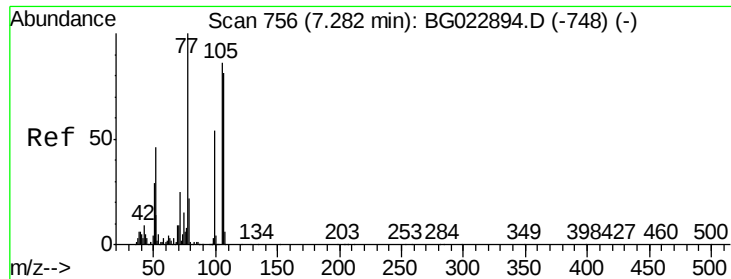
Ion Ratio Lower Upper

128 100

130 32.4 12.9 52.9

64 63.3 42.0 82.0





#9

Benzaldehyde

Concen: 40.74 ng

RT: 7.285 min Scan# 75

Delta R.T. 0.003 min

Lab File: BG023004.D

Acq: 11 Jul 2016 17:18

Instrument :

BNA\_G

ClientSampleId :

SSTDCCC040

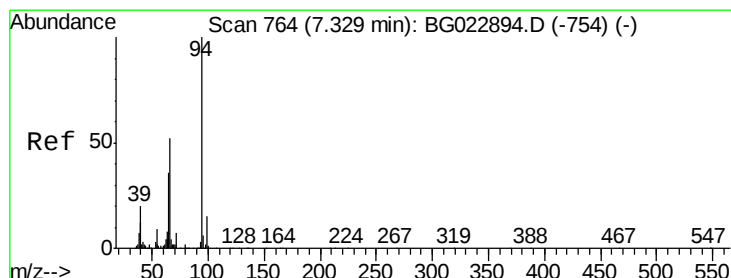
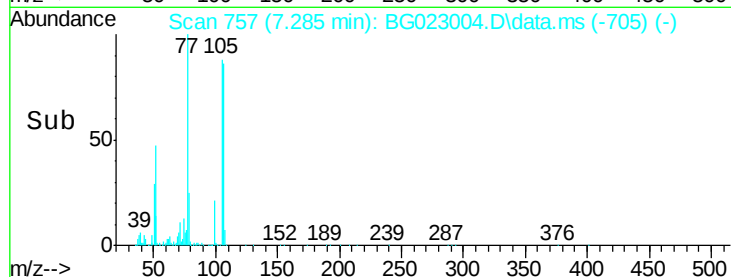
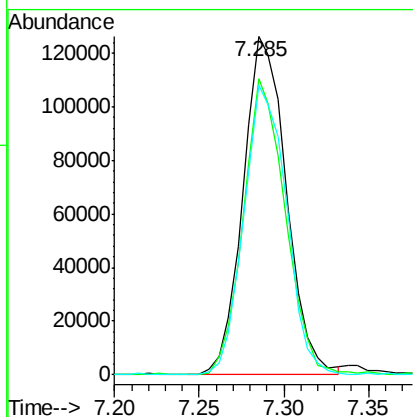
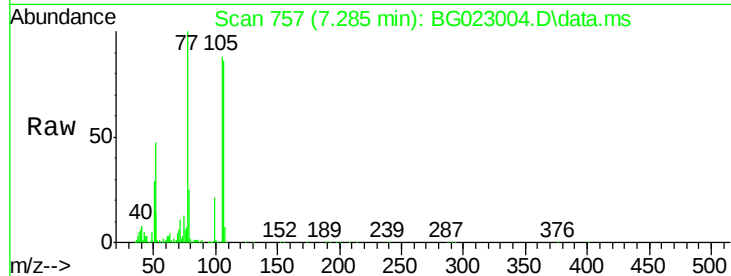
Tot Ion: 77 Resp: 224399

Ion Ratio Lower Upper

77 100

105 87.7 58.7 98.7

106 85.6 67.5 107.5



#10

Phenol

Concen: 43.65 ng

RT: 7.338 min Scan# 766

Delta R.T. 0.009 min

Lab File: BG023004.D

Acq: 11 Jul 2016 17:18

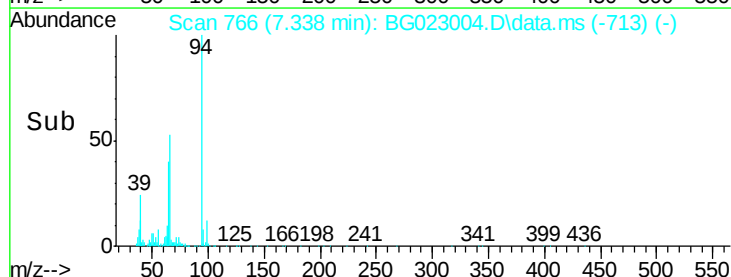
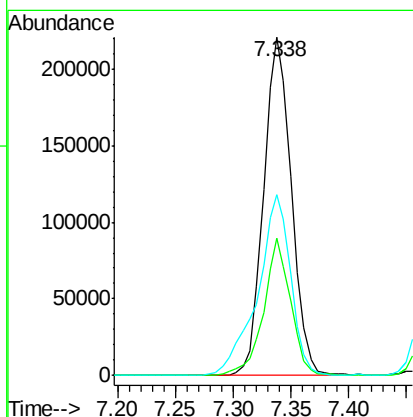
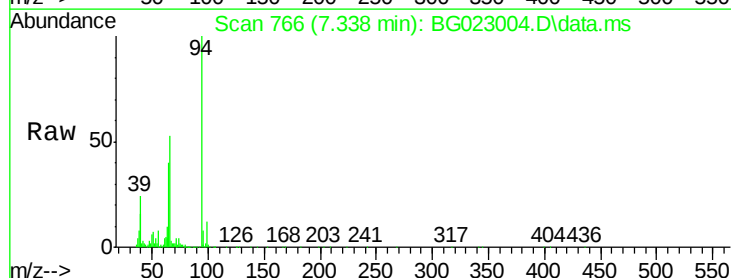
Tgt Ion: 94 Resp: 370149

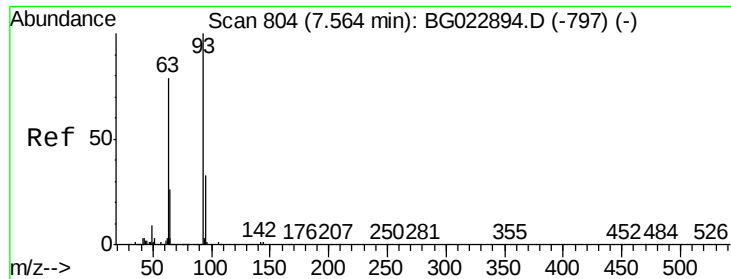
Ion Ratio Lower Upper

94 100

65 40.4 18.1 58.1

66 53.4 42.1 82.1

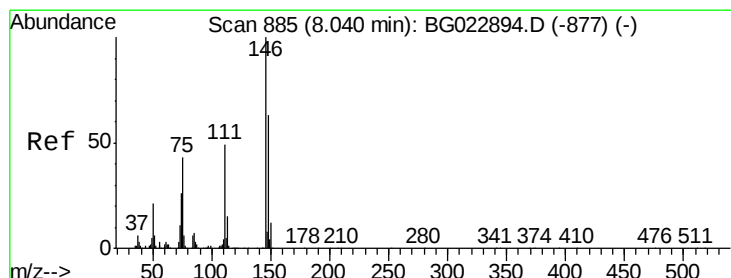
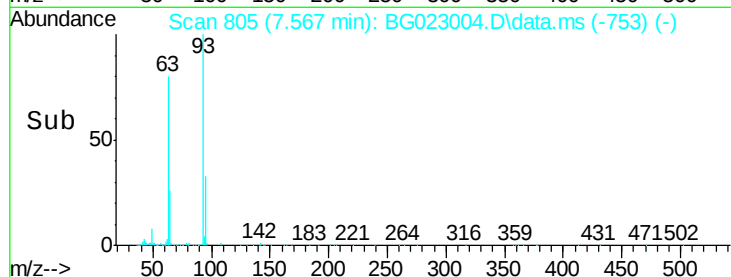
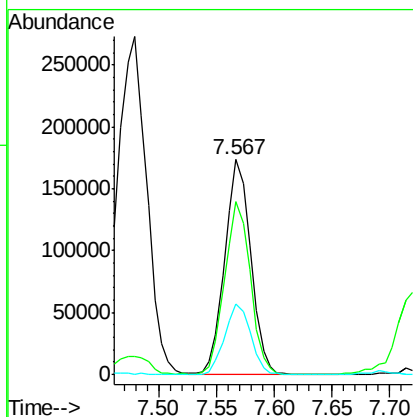
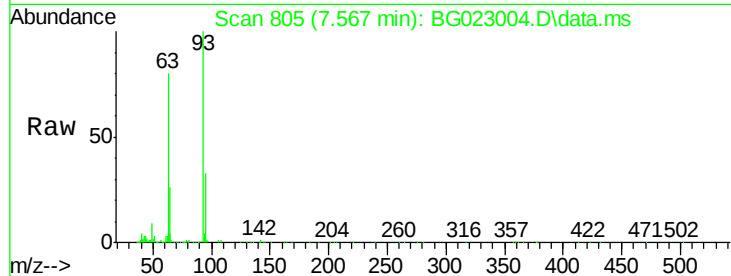




#11  
bis(2-Chloroethyl)ether  
Concen: 40.38 ng  
RT: 7.567 min Scan# 80  
Delta R.T. 0.003 min  
Lab File: BG023004.D  
Acq: 11 Jul 2016 17:18

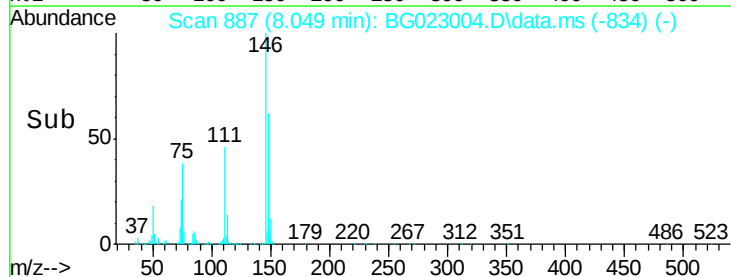
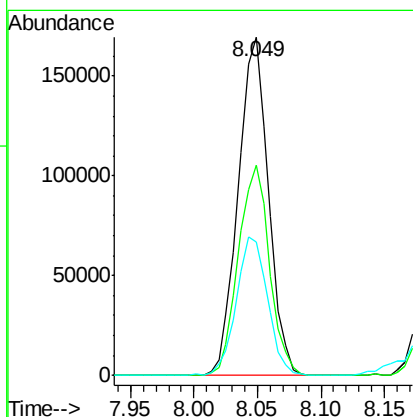
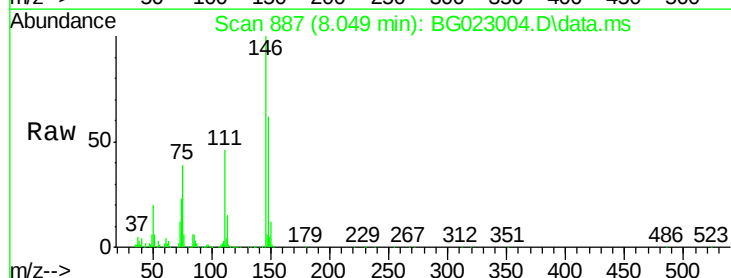
Instrument :  
BNA\_G  
ClientSampleId :  
SSTDCCC040

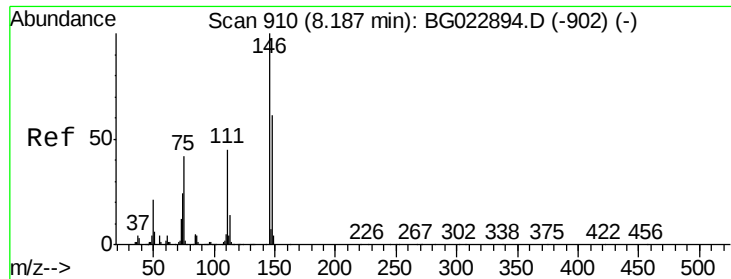
| Tot Ion   | 93   | Resp  | 271438 |
|-----------|------|-------|--------|
| Ion Ratio | 100  | Lower | Upper  |
| 63        | 80.5 | 55.0  | 95.0   |
| 95        | 32.9 | 11.0  | 51.0   |



#12  
1,3-Dichlorobenzene  
Concen: 40.86 ng  
RT: 8.049 min Scan# 887  
Delta R.T. 0.009 min  
Lab File: BG023004.D  
Acq: 11 Jul 2016 17:18

| Tgt Ion   | 146  | Resp  | 280095 |
|-----------|------|-------|--------|
| Ion Ratio | 100  | Lower | Upper  |
| 148       | 62.0 | 50.3  | 75.5   |
| 75        | 39.4 | 37.0  | 55.6   |





#13

1,4-Dichlorobenzene

Concen: 42.28 ng

RT: 8.196 min Scan# 91

Delta R.T. 0.009 min

Lab File: BG023004.D

Acq: 11 Jul 2016 17:18

Instrument :

BNA\_G

ClientSampleId :

SSTDCCC040

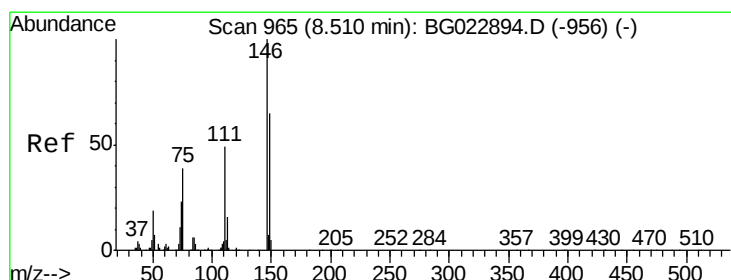
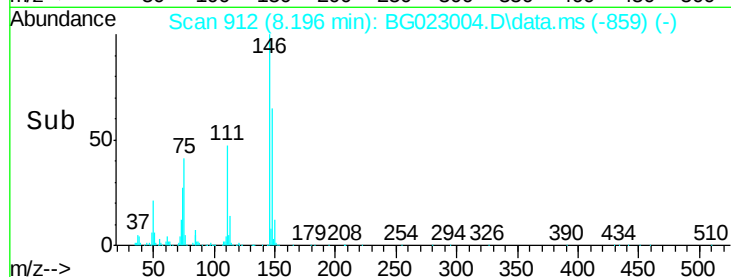
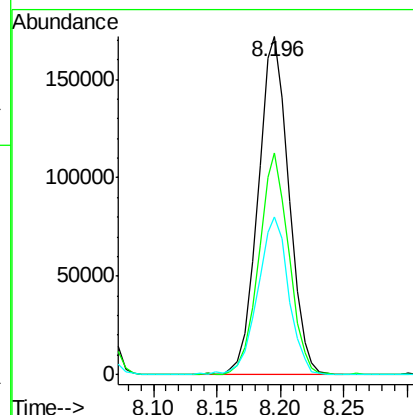
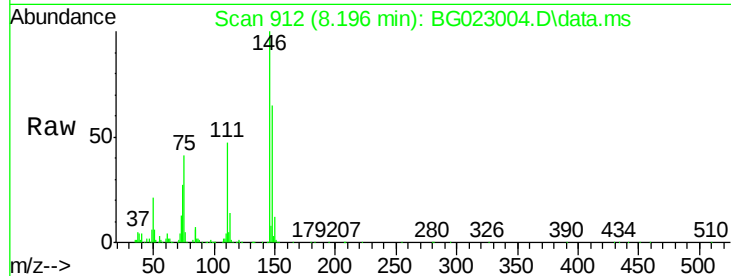
Tot Ion:146 Resp: 290151

Ion Ratio Lower Upper

146 100

148 65.4 54.5 81.7

111 46.7 37.8 56.8



#14

1,2-Dichlorobenzene

Concen: 40.80 ng

RT: 8.519 min Scan# 967

Delta R.T. 0.009 min

Lab File: BG023004.D

Acq: 11 Jul 2016 17:18

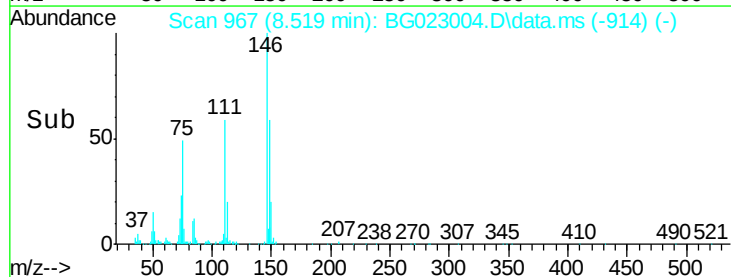
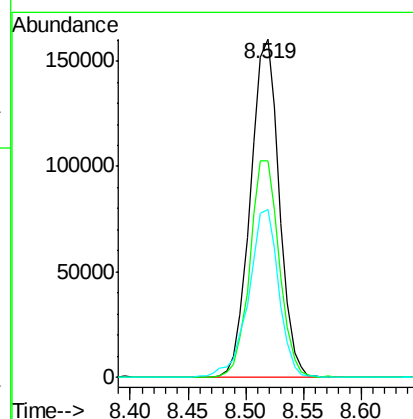
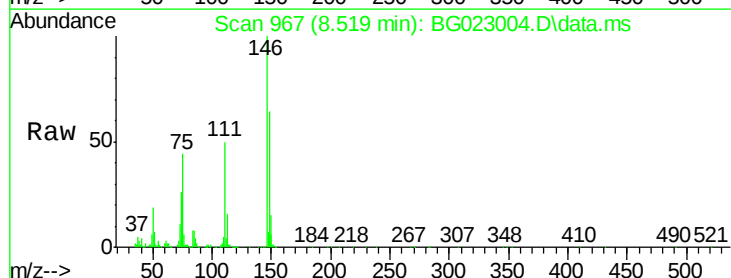
Tgt Ion:146 Resp: 278403

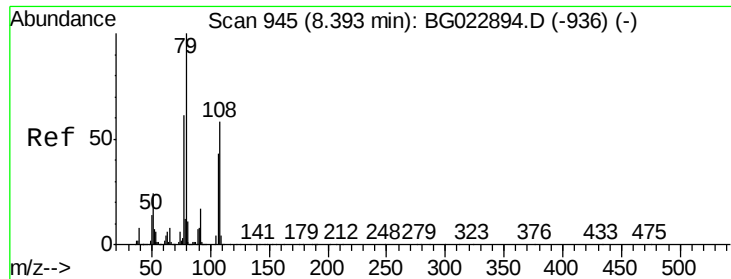
Ion Ratio Lower Upper

146 100

148 63.9 52.9 79.3

111 49.5 43.5 65.3

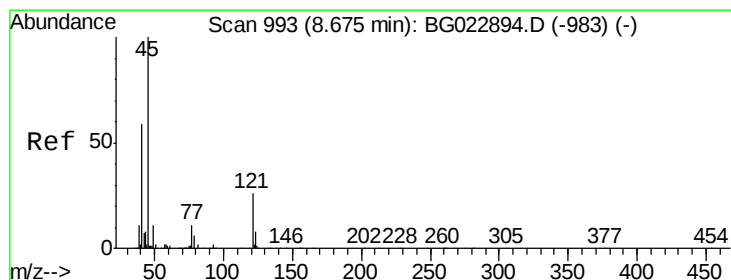
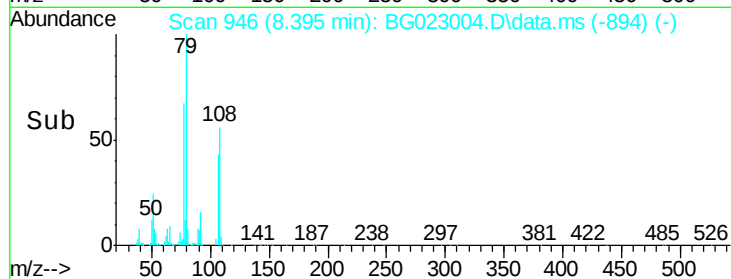
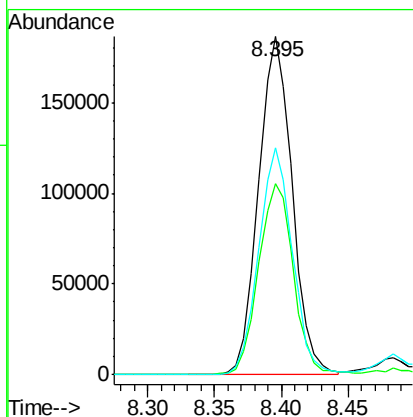
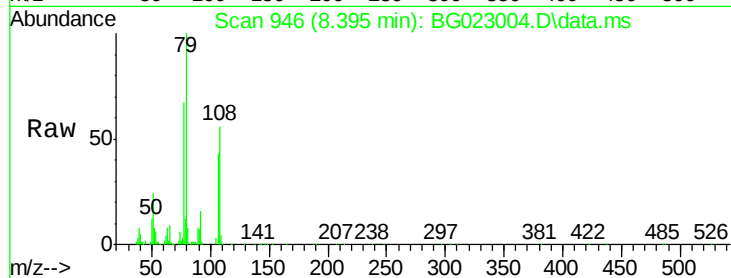




#15  
Benzyl Alcohol  
Concen: 42.86 ng  
RT: 8.395 min Scan# 94  
Delta R.T. 0.003 min  
Lab File: BG023004.D  
Acq: 11 Jul 2016 17:18

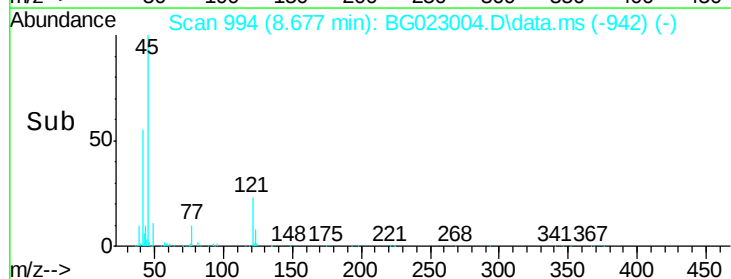
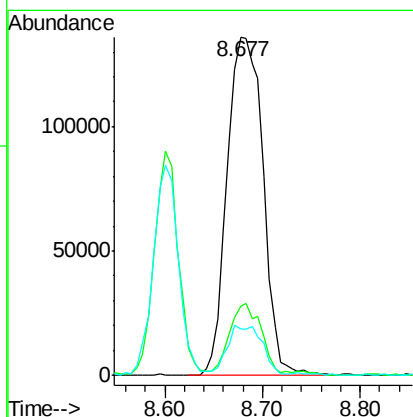
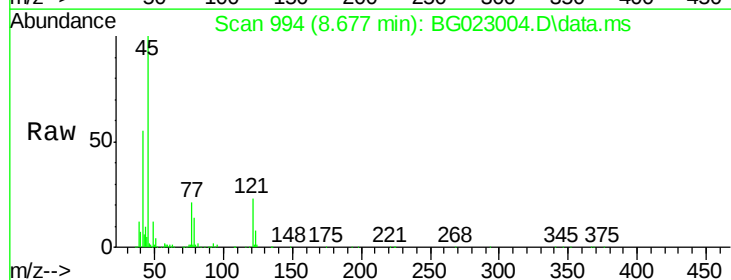
Instrument :  
BNA\_G  
ClientSampleId :  
SSTDCCC040

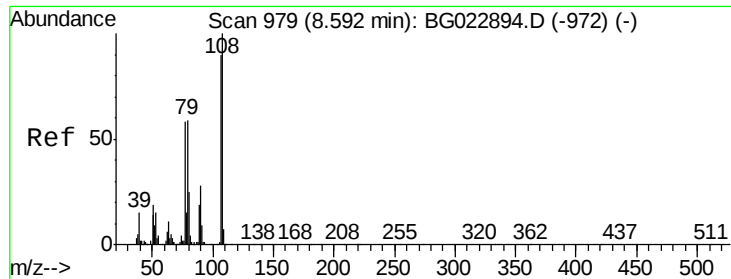
Tot Ion: 79 Resp: 323574  
Ion Ratio Lower Upper  
79 100  
108 56.4 46.5 69.7  
77 67.2 52.3 78.5



#16  
2,2'-oxybis(1-chloropropane)  
Concen: 42.18 ng  
RT: 8.677 min Scan# 994  
Delta R.T. 0.003 min  
Lab File: BG023004.D  
Acq: 11 Jul 2016 17:18

Tgt Ion: 45 Resp: 346367  
Ion Ratio Lower Upper  
45 100  
77 20.7 0.6 40.6  
79 13.7 0.0 36.2





#17

2-Methylphenol

Concen: 43.05 ng

RT: 8.607 min Scan# 98

Delta R.T. 0.014 min

Lab File: BG023004.D

Acq: 11 Jul 2016 17:18

Instrument :

BNA\_G

ClientSampleId :

SSTDCCC040

Tot Ion:107 Resp: 237656

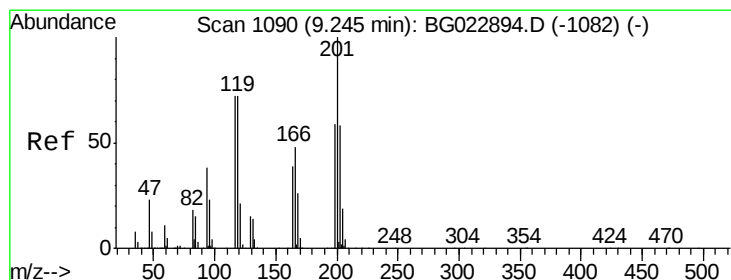
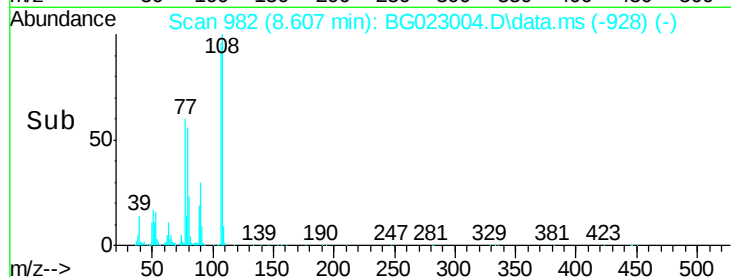
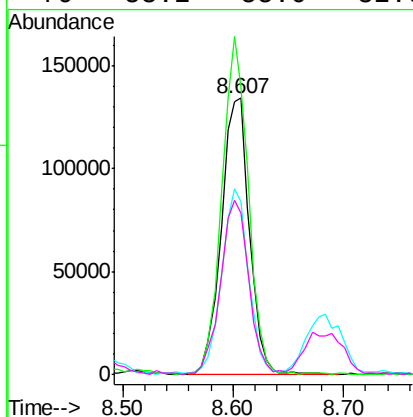
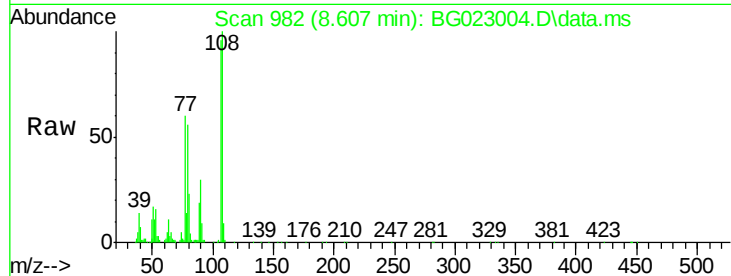
Ion Ratio Lower Upper

107 100

108 103.9 92.0 138.0

77 62.5 55.8 83.6

79 58.2 55.0 82.6



#18

Hexachloroethane

Concen: 40.18 ng

RT: 9.247 min Scan# 1091

Delta R.T. 0.003 min

Lab File: BG023004.D

Acq: 11 Jul 2016 17:18

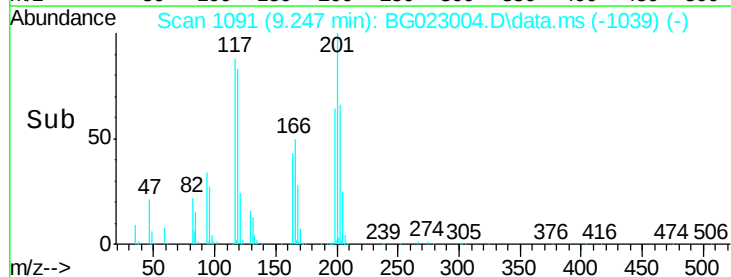
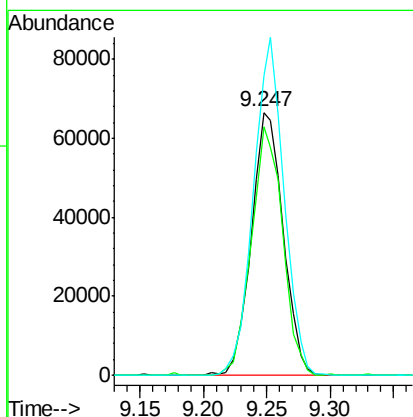
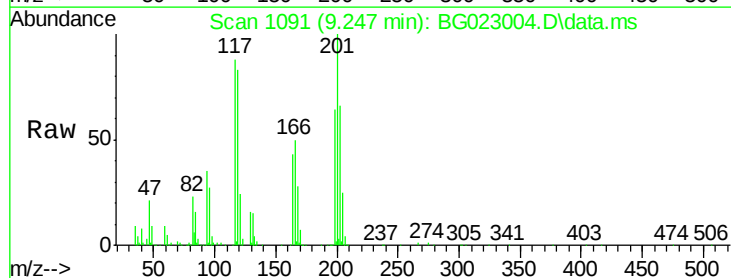
Tgt Ion:117 Resp: 116405

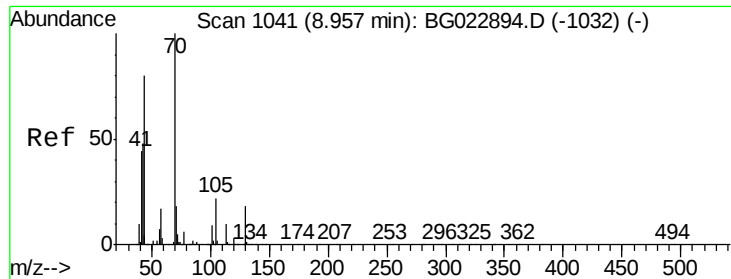
Ion Ratio Lower Upper

117 100

119 94.6 73.7 110.5

201 114.2 88.7 133.1

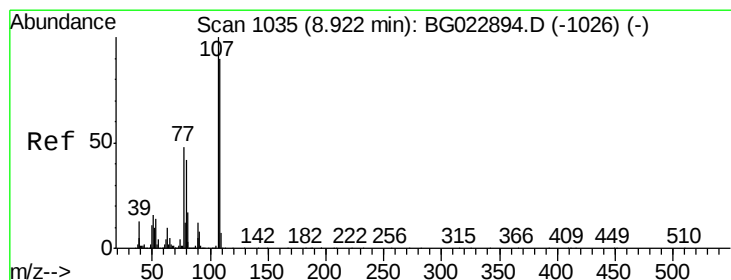
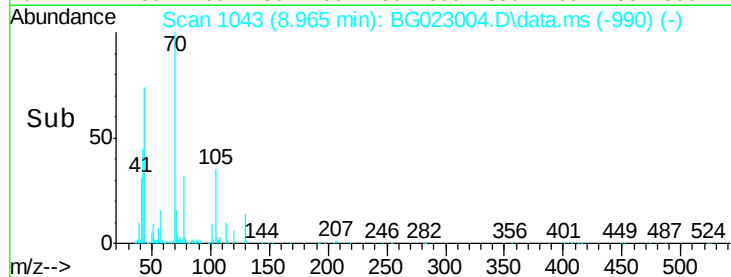
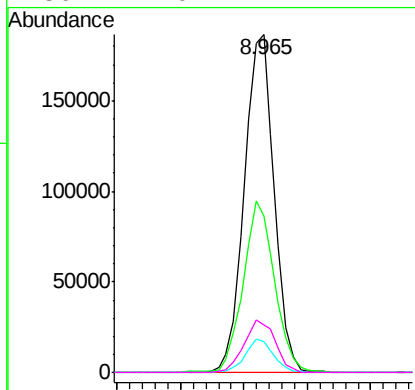
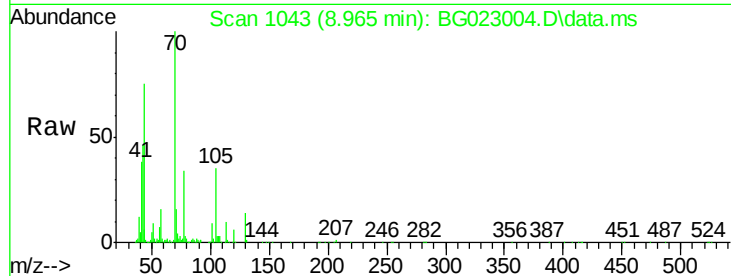




#19  
n-Nitroso-di-n-propylamine  
Concen: 40.95 ng  
RT: 8.965 min Scan# 1041  
Delta R.T. 0.009 min  
Lab File: BG023004.D  
Acq: 11 Jul 2016 17:18

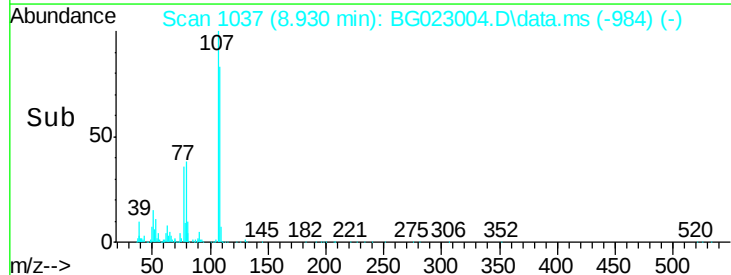
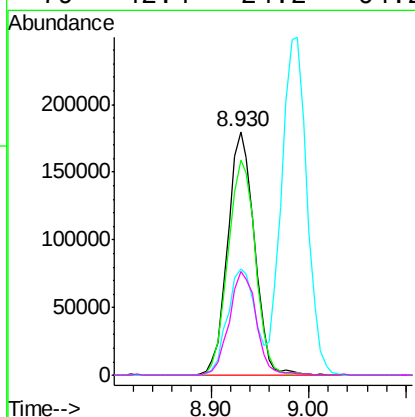
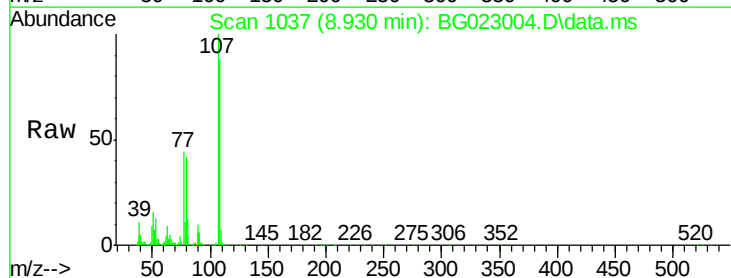
Instrument :  
BNA\_G  
ClientSampleId :  
SSTDCCC040

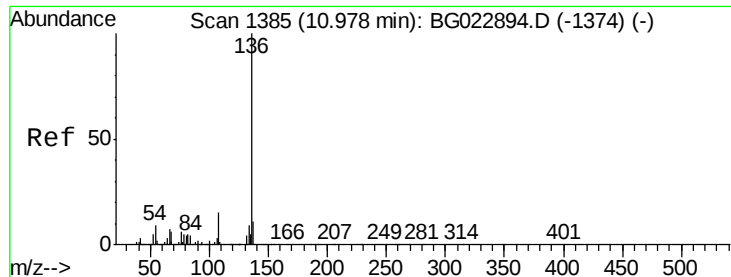
|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 70    | Resp: | 304290 |
| Ion Ratio | Lower | Upper |        |
| 70        | 100   |       |        |
| 42        | 46.2  | 42.1  | 63.1   |
| 101       | 9.3   | 7.2   | 10.8   |
| 130       | 14.0  | 14.2  | 21.2#  |



#20  
3+4-Methylphenols  
Concen: 44.35 ng  
RT: 8.930 min Scan# 1037  
Delta R.T. 0.009 min  
Lab File: BG023004.D  
Acq: 11 Jul 2016 17:18

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 107   | Resp: | 341490 |
| Ion Ratio | Lower | Upper |        |
| 107       | 100   |       |        |
| 108       | 88.3  | 72.5  | 112.5  |
| 77        | 43.6  | 30.1  | 70.1   |
| 79        | 42.4  | 24.2  | 64.2   |

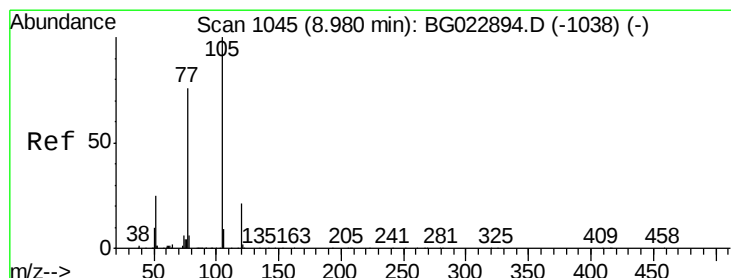
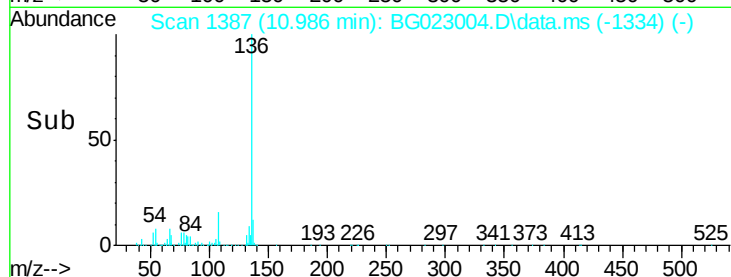
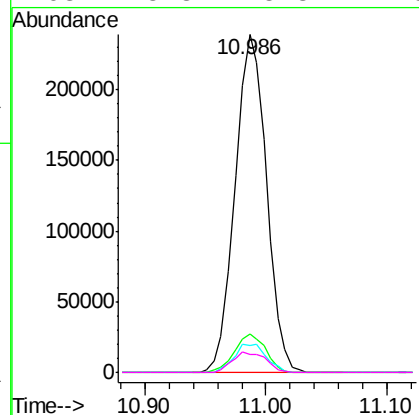
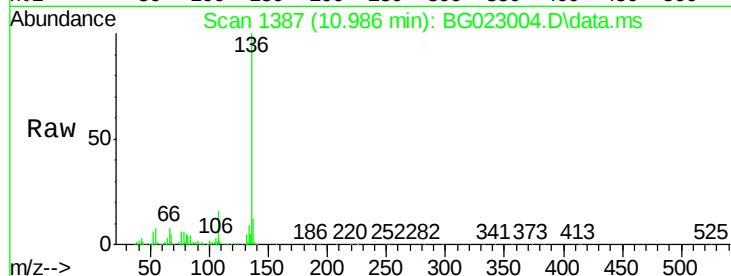




#21  
Naphthalene-d8  
Concen: 20.00 ng  
RT: 10.986 min Scan# 1385  
Delta R.T. 0.009 min  
Lab File: BG023004.D  
Acq: 11 Jul 2016 17:18

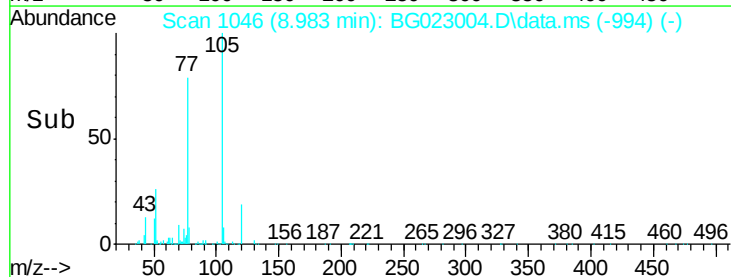
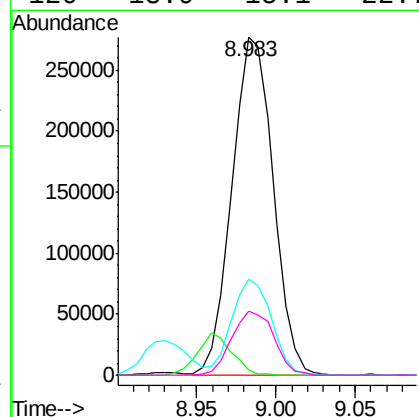
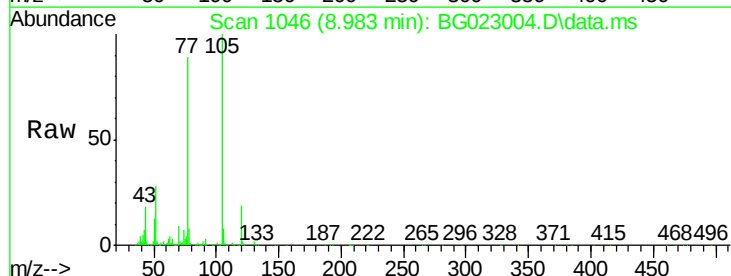
Instrument :  
BNA\_G  
ClientSampleId :  
SSTDCCC040

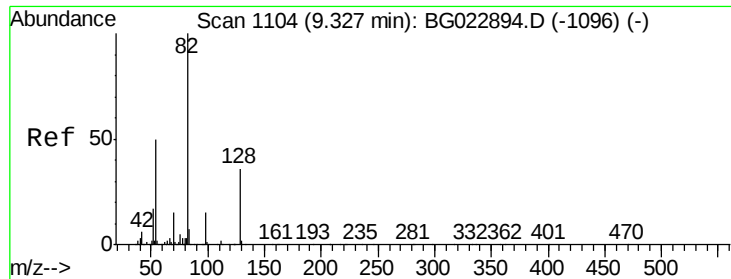
|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 136   | Resp: | 432541 |
| Ion Ratio | Lower | Upper |        |
| 136       | 100   |       |        |
| 137       | 11.5  | 9.6   | 14.4   |
| 54        | 8.0   | 7.3   | 10.9   |
| 68        | 5.3   | 5.3   | 7.9    |



#22  
Acetophenone  
Concen: 38.47 ng  
RT: 8.983 min Scan# 1046  
Delta R.T. 0.003 min  
Lab File: BG023004.D  
Acq: 11 Jul 2016 17:18

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 105   | Resp: | 499388 |
| Ion Ratio | Lower | Upper |        |
| 105       | 100   |       |        |
| 71        | 1.6   | 2.6   | 3.8#   |
| 51        | 28.3  | 27.1  | 40.7   |
| 120       | 18.9  | 15.1  | 22.7   |





#23

Nitrobenzene-d5

Concen: 81.06 ng

RT: 9.330 min Scan# 1110

Delta R.T. 0.003 min

Lab File: BG023004.D

Acq: 11 Jul 2016 17:18

Instrument :

BNA\_G

ClientSampleId :

SSTDCCC040

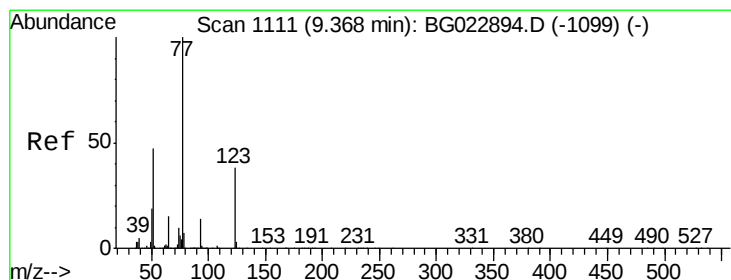
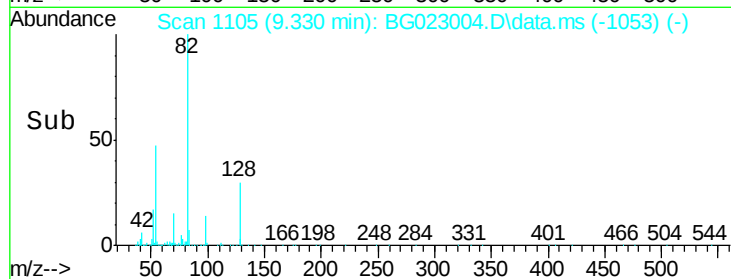
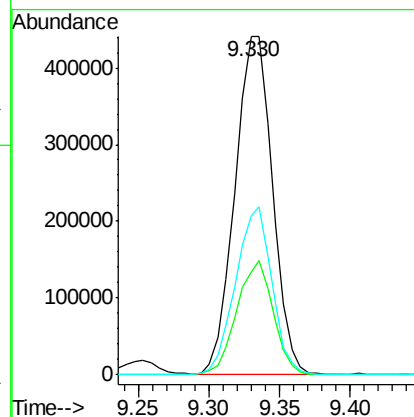
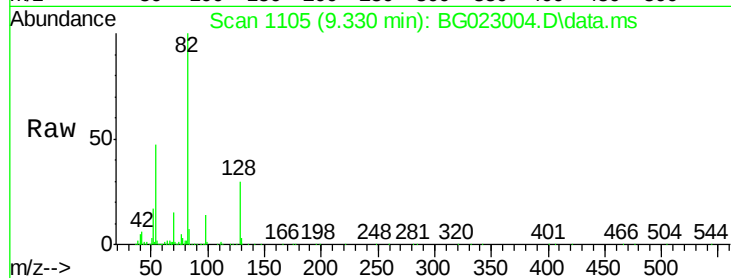
Tot Ion: 82 Resp: 818874

Ion Ratio Lower Upper

82 100

128 30.3 24.4 36.6

54 47.0 41.4 62.0



#24

Nitrobenzene

Concen: 40.53 ng

RT: 9.377 min Scan# 1113

Delta R.T. 0.009 min

Lab File: BG023004.D

Acq: 11 Jul 2016 17:18

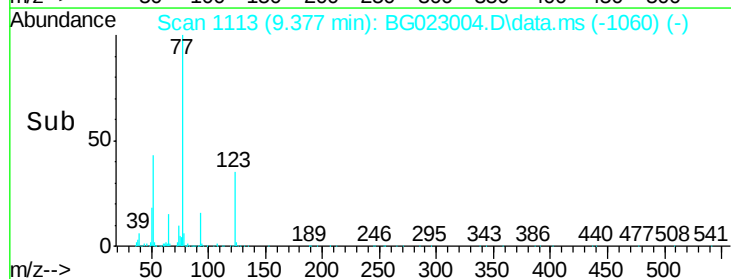
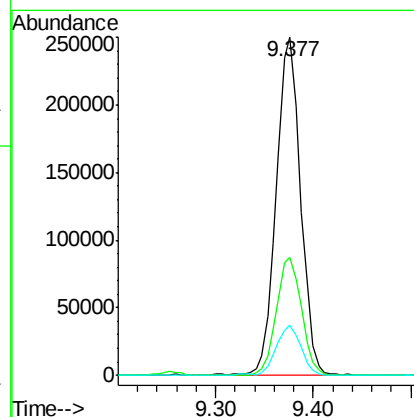
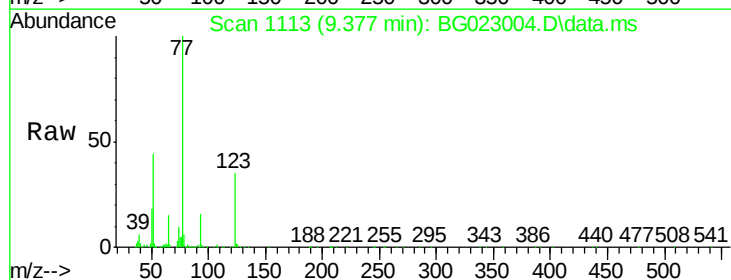
Tgt Ion: 77 Resp: 435065

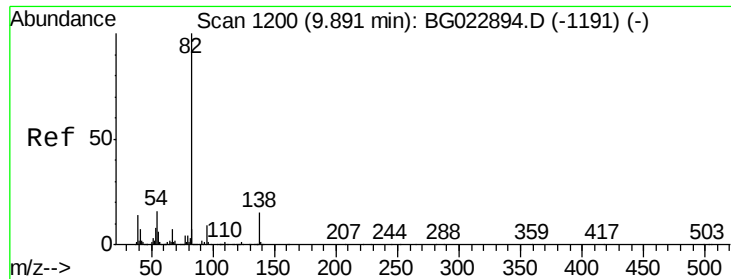
Ion Ratio Lower Upper

77 100

123 34.7 25.0 37.6

65 14.8 13.4 20.0





#25

Isophorone

Concen: 38.48 ng

RT: 9.894 min Scan# 12

Delta R.T. 0.003 min

Lab File: BG023004.D

Acq: 11 Jul 2016 17:18

Instrument :

BNA\_G

ClientSampleId :

SSTDCCC040

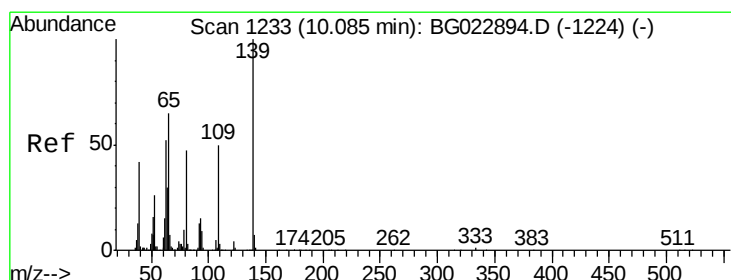
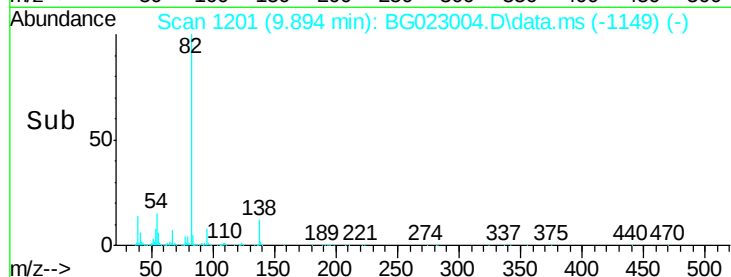
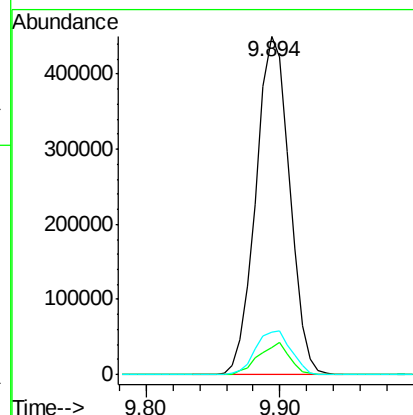
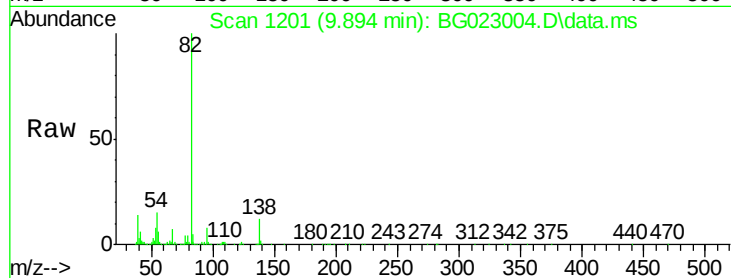
Tot Ion: 82 Resp: 781849

Ion Ratio Lower Upper

82 100

95 7.8 8.2 12.2#

138 12.4 10.7 16.1



#26

2-Nitrophenol

Concen: 39.32 ng

RT: 10.088 min Scan# 1234

Delta R.T. 0.003 min

Lab File: BG023004.D

Acq: 11 Jul 2016 17:18

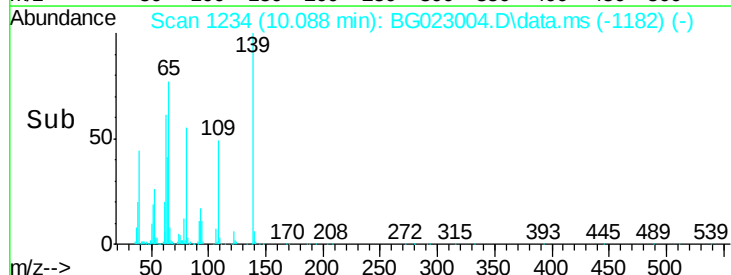
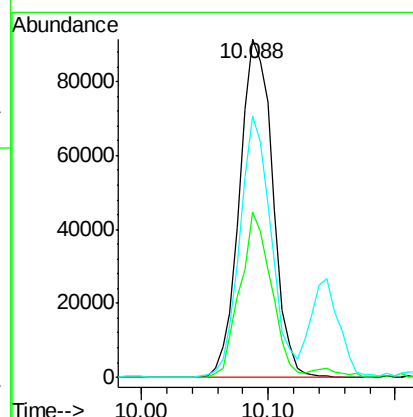
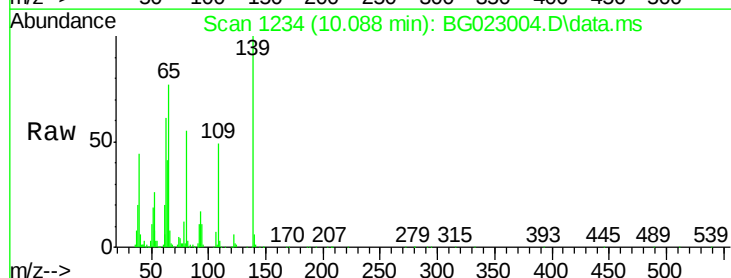
Tgt Ion: 139 Resp: 165601

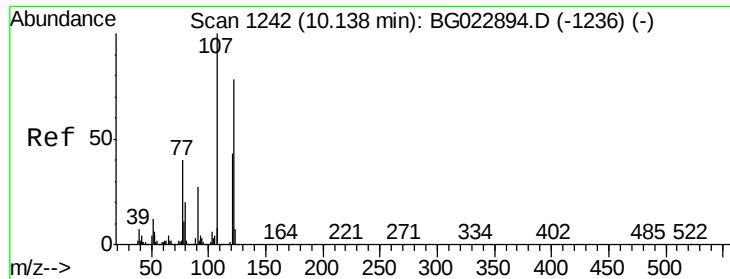
Ion Ratio Lower Upper

139 100

109 48.7 43.5 65.3

65 77.3 64.3 96.5

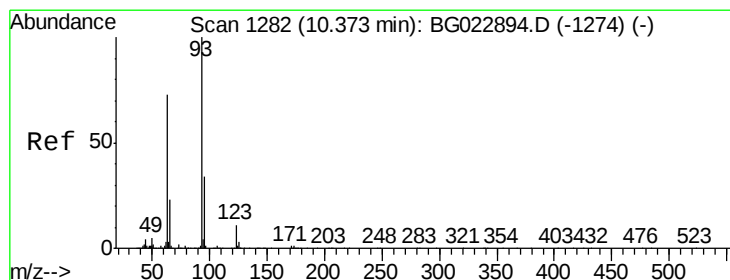
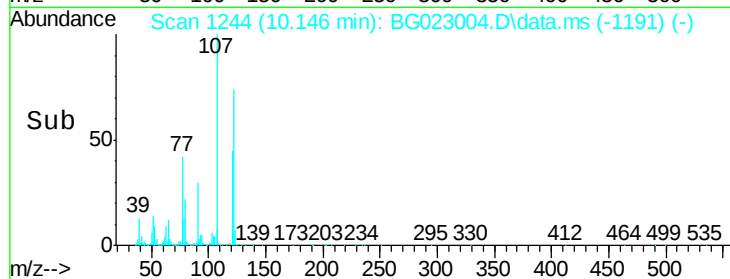
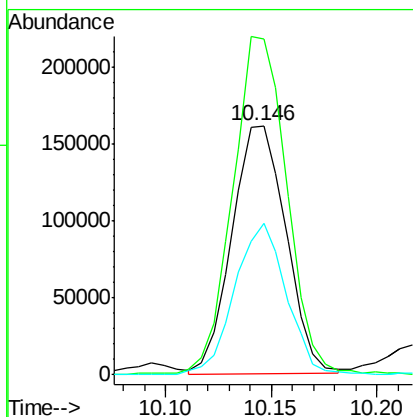
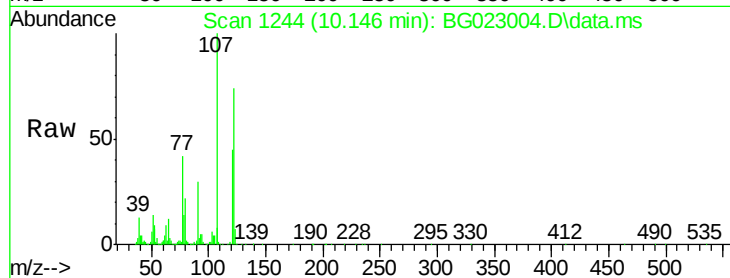




#27  
2,4-Dimethylphenol  
Concen: 39.26 ng  
RT: 10.146 min Scan# 1242  
Delta R.T. 0.009 min  
Lab File: BG023004.D  
Acq: 11 Jul 2016 17:18

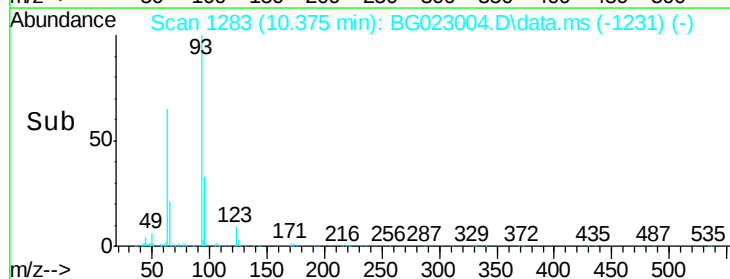
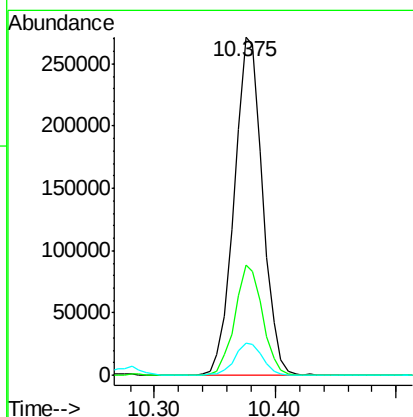
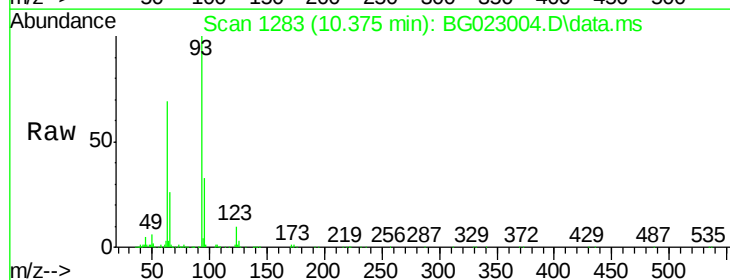
Instrument :  
BNA\_G  
ClientSampleId :  
SSTDCCC040

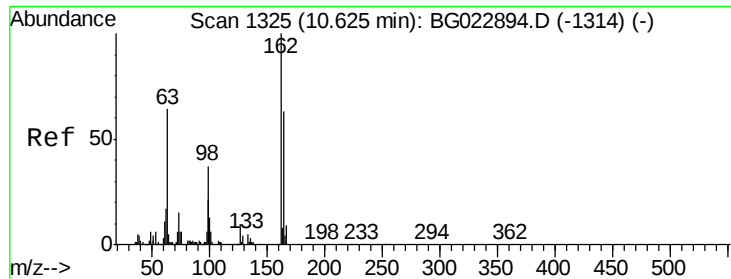
| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 122     | 100   |       |       |
| 107     | 134.6 | 117.0 | 175.4 |
| 121     | 60.6  | 50.1  | 75.1  |



#28  
bis(2-Chloroethoxy)methane  
Concen: 39.01 ng  
RT: 10.375 min Scan# 1283  
Delta R.T. 0.003 min  
Lab File: BG023004.D  
Acq: 11 Jul 2016 17:18

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 93      | 100   |       |       |
| 95      | 32.8  | 25.4  | 38.2  |
| 123     | 9.5   | 8.2   | 12.2  |

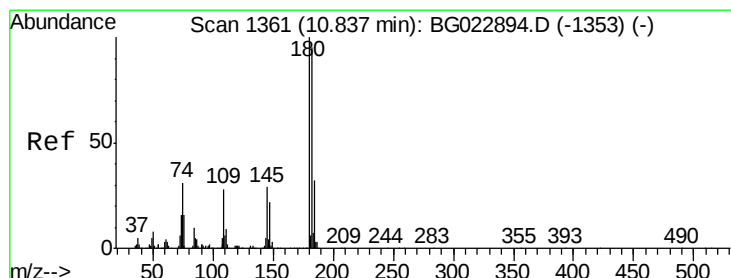
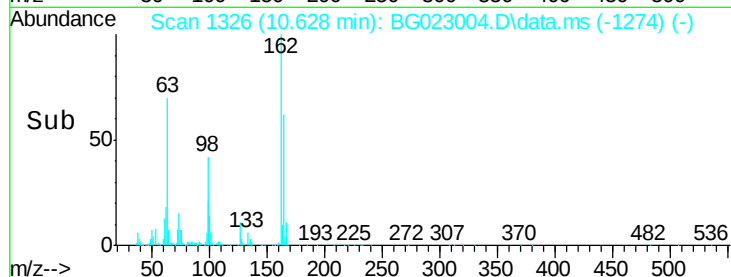
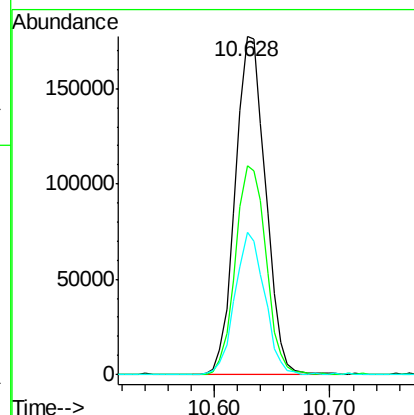
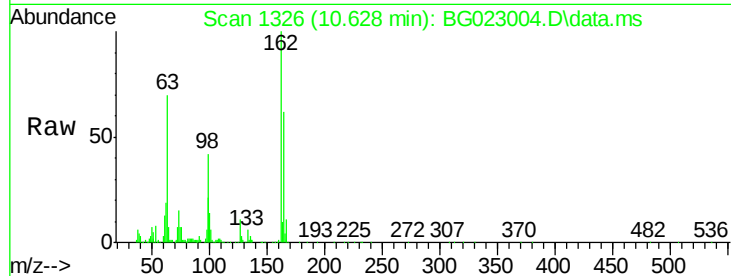




#29  
2,4-Dichlorophenol  
Concen: 41.59 ng  
RT: 10.628 min Scan# 1325  
Delta R.T. 0.003 min  
Lab File: BG023004.D  
Acq: 11 Jul 2016 17:18

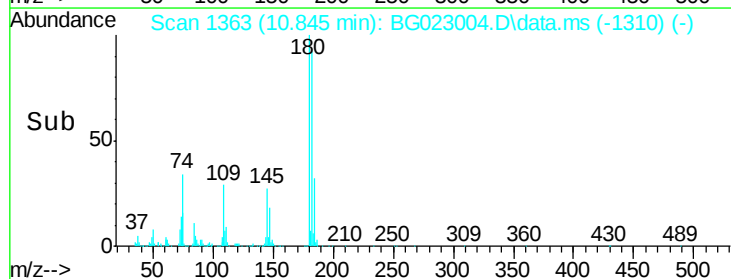
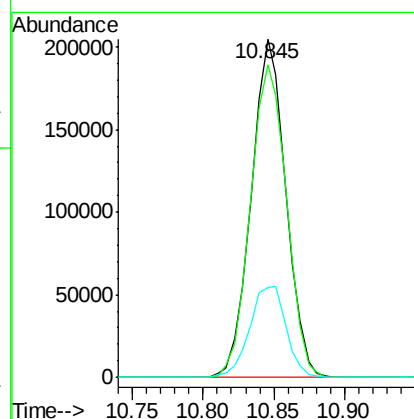
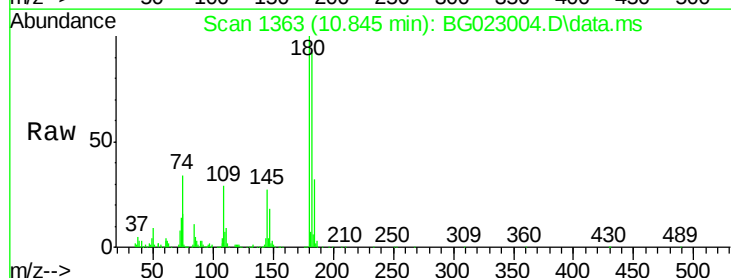
Instrument :  
BNA\_G  
ClientSampleId :  
SSTDCCC040

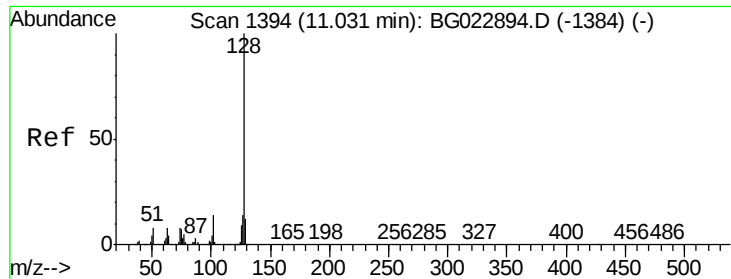
| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 162     | 100   |       |       |
| 164     | 61.9  | 44.3  | 84.3  |
| 98      | 42.0  | 19.5  | 59.5  |



#30  
1,2,4-Trichlorobenzene  
Concen: 39.49 ng  
RT: 10.845 min Scan# 1363  
Delta R.T. 0.009 min  
Lab File: BG023004.D  
Acq: 11 Jul 2016 17:18

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 180     | 100   |       |       |
| 182     | 92.4  | 73.8  | 110.8 |
| 145     | 26.7  | 24.4  | 36.6  |





#31

Naphthalene

Concen: 40.96 ng

RT: 11.039 min Scan# 1394

Delta R.T. 0.009 min

Lab File: BG023004.D

Acq: 11 Jul 2016 17:18

Instrument :

BNA\_G

ClientSampleId :

SSTDCCC040

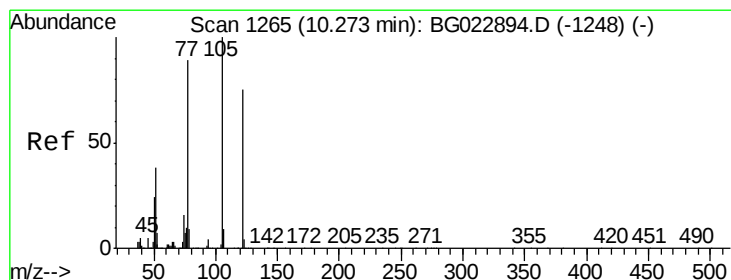
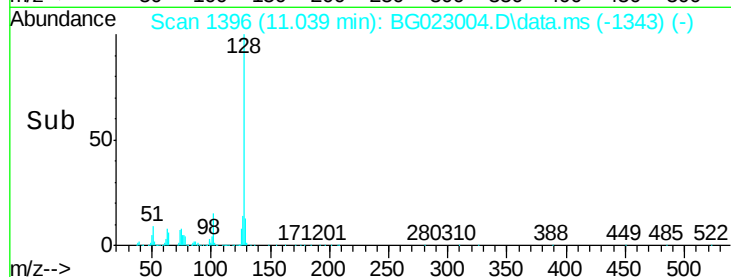
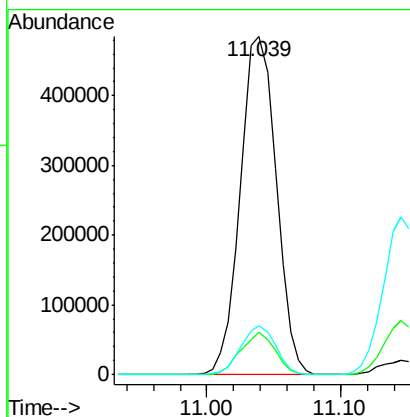
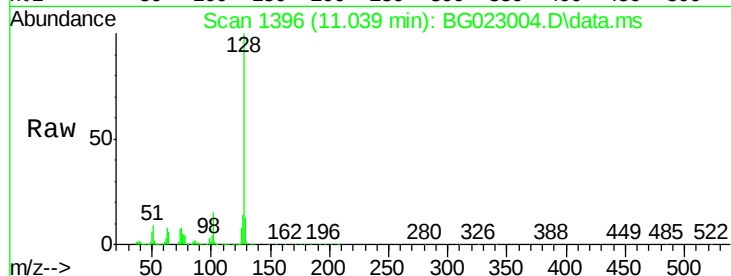
Tot Ion:128 Resp: 901801

Ion Ratio Lower Upper

128 100

129 12.7 9.4 14.0

127 14.4 11.3 16.9



#32

Benzoic acid

Concen: 36.63 ng

RT: 10.281 min Scan# 1267

Delta R.T. 0.009 min

Lab File: BG023004.D

Acq: 11 Jul 2016 17:18

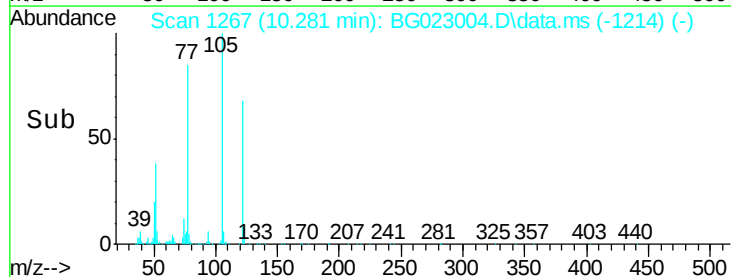
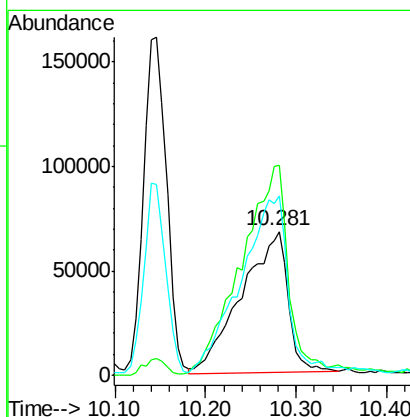
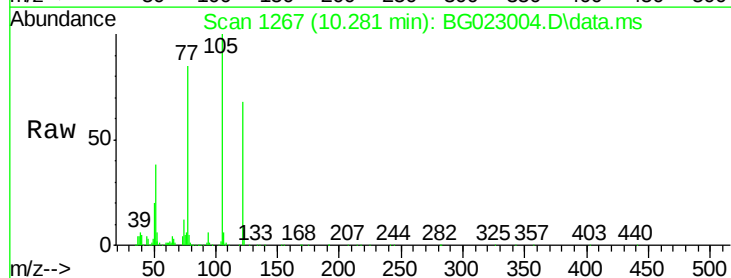
Tgt Ion:122 Resp: 242617

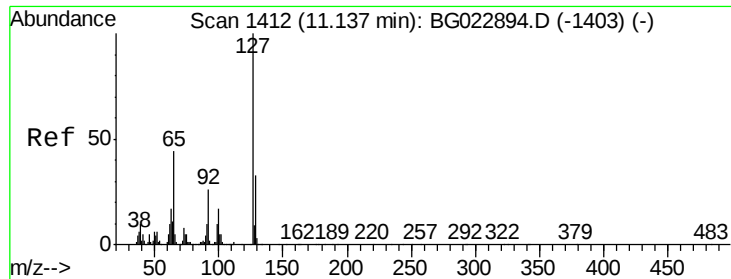
Ion Ratio Lower Upper

122 100

105 146.1 117.2 157.2

77 124.9 109.2 149.2

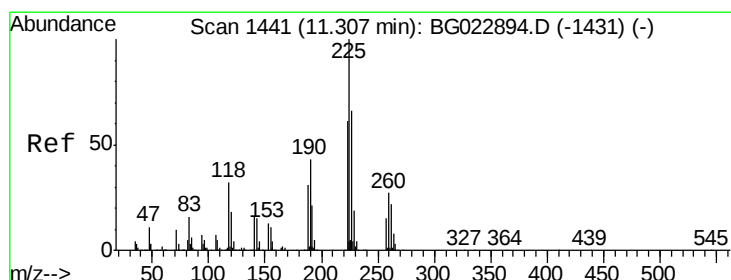
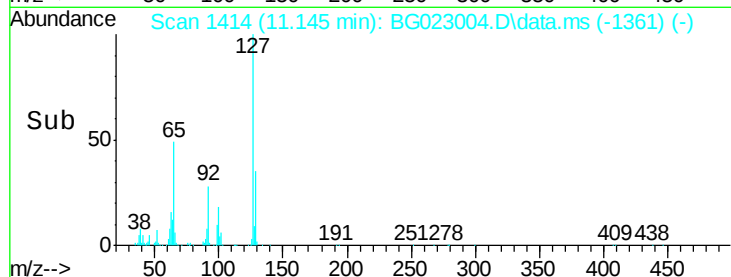
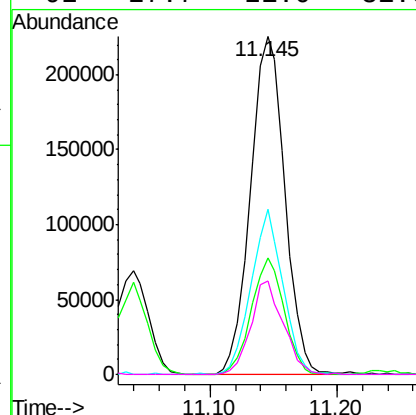
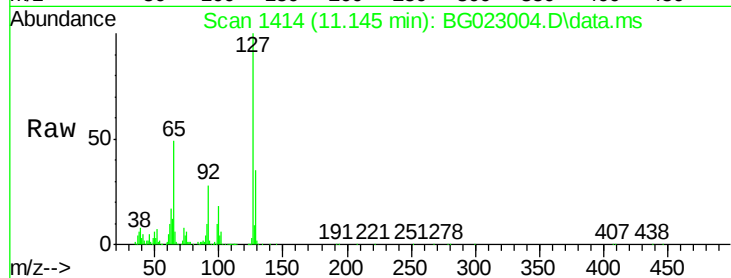




#33  
4-Chloroaniline  
Concen: 39.40 ng  
RT: 11.145 min Scan# 1412  
Delta R.T. 0.009 min  
Lab File: BG023004.D  
Acq: 11 Jul 2016 17:18

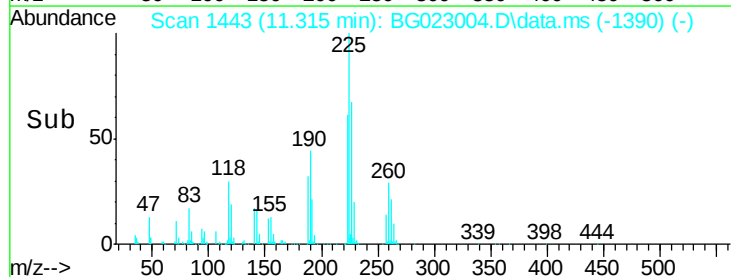
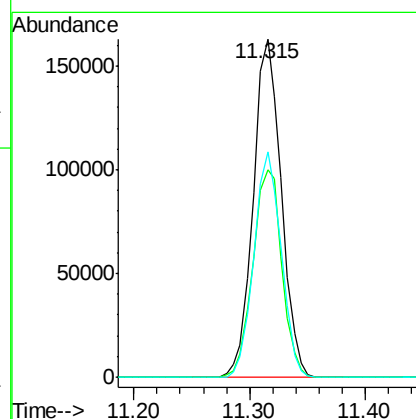
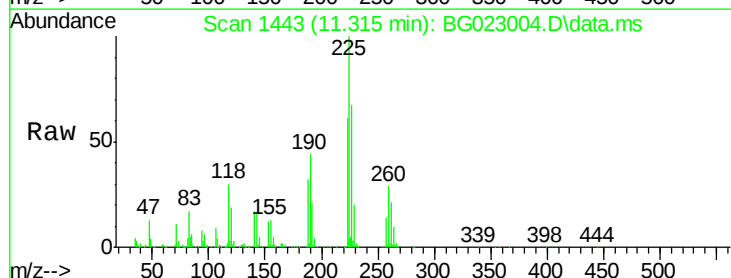
Instrument :  
BNA\_G  
ClientSampleId :  
SSTDCCC040

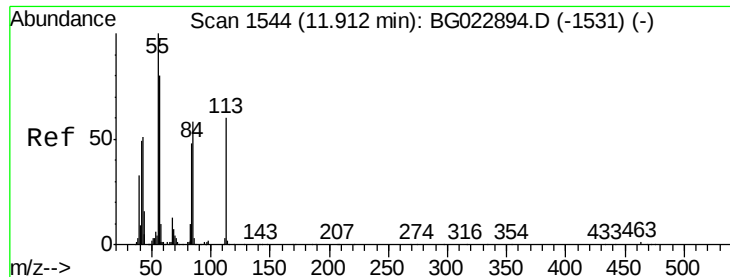
|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 127   | Resp: | 424207 |
| Ion Ratio | Lower | Upper |        |
| 127       | 100   |       |        |
| 129       | 34.7  | 27.9  | 41.9   |
| 65        | 48.8  | 36.8  | 55.2   |
| 92        | 27.7  | 21.0  | 31.6   |



#34  
Hexachlorobutadiene  
Concen: 38.09 ng  
RT: 11.315 min Scan# 1443  
Delta R.T. 0.009 min  
Lab File: BG023004.D  
Acq: 11 Jul 2016 17:18

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 225   | Resp: | 274736 |
| Ion Ratio | Lower | Upper |        |
| 225       | 100   |       |        |
| 223       | 61.4  | 49.6  | 74.4   |
| 227       | 66.6  | 54.5  | 81.7   |





#35

Caprolactam

Concen: 34.86 ng

RT: 11.921 min Scan# 15

Delta R.T. 0.009 min

Lab File: BG023004.D

Acq: 11 Jul 2016 17:18

Instrument :

BNA\_G

ClientSampleId :

SSTDCCC040

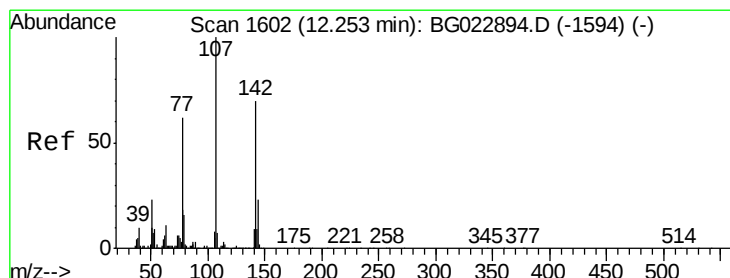
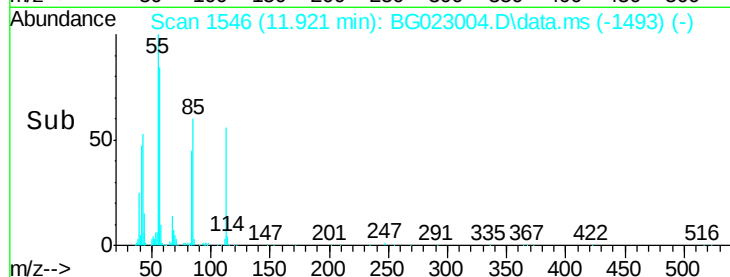
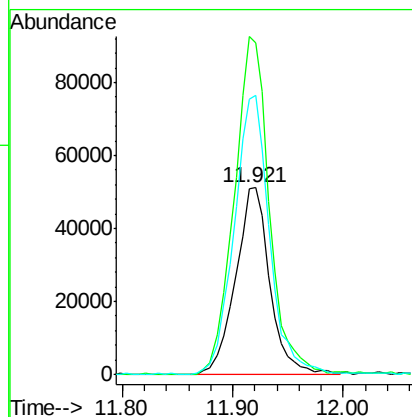
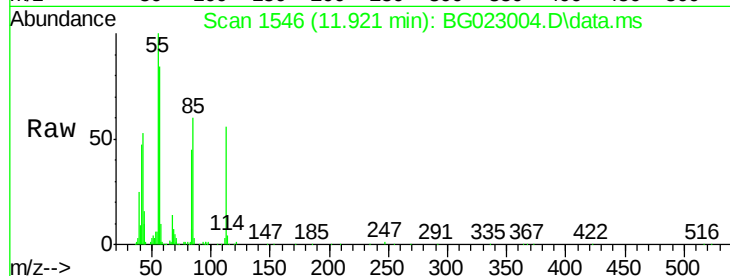
Tot Ion:113 Resp: 111375

Ion Ratio Lower Upper

113 100

55 178.0 154.5 194.5

56 149.8 125.1 165.1



#36

4-Chloro-3-methylphenol

Concen: 40.29 ng

RT: 12.261 min Scan# 1604

Delta R.T. 0.009 min

Lab File: BG023004.D

Acq: 11 Jul 2016 17:18

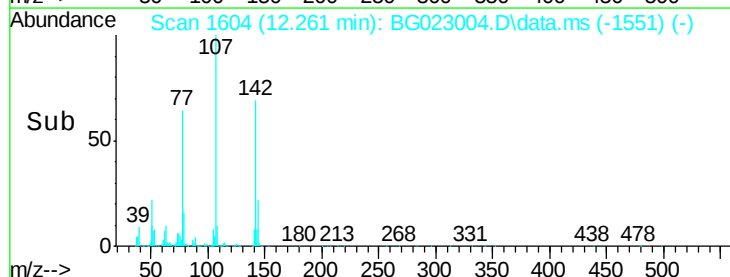
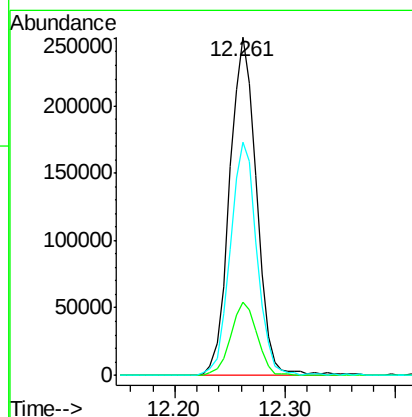
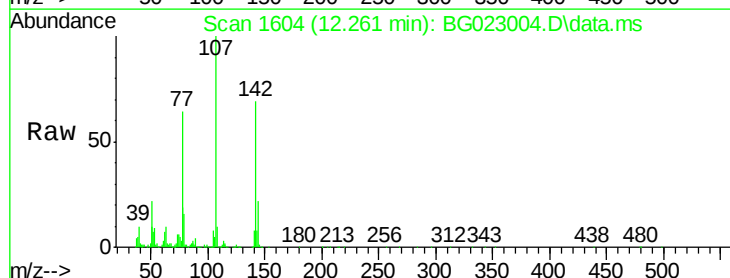
Tgt Ion:107 Resp: 427901

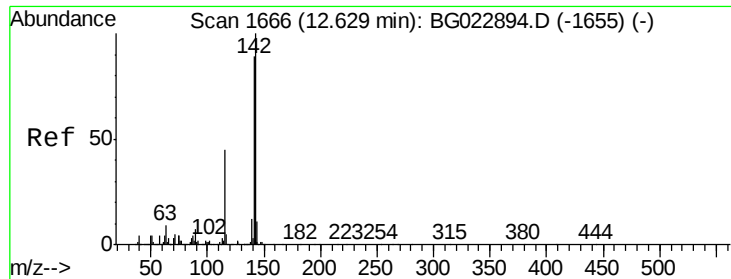
Ion Ratio Lower Upper

107 100

144 21.6 17.0 25.6

142 68.9 53.0 79.6

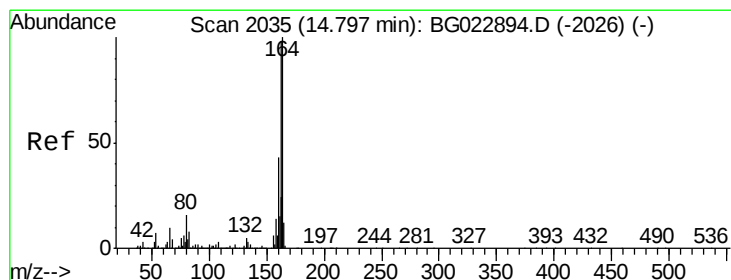
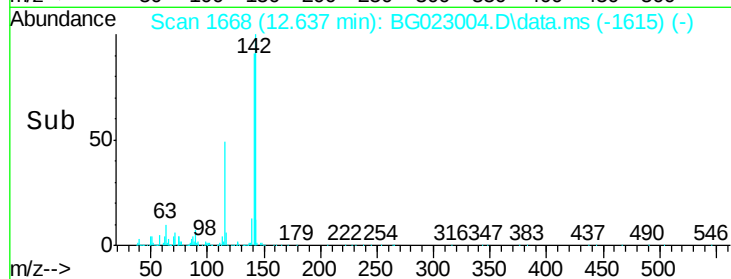
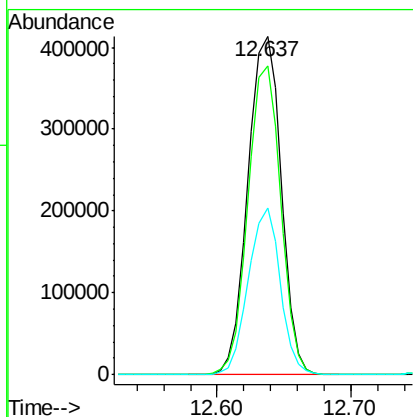
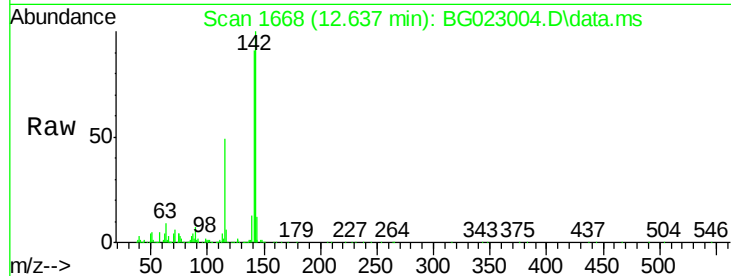




#37  
2-Methylnaphthalene  
Concen: 40.90 ng  
RT: 12.637 min Scan# 16  
Delta R.T. 0.009 min  
Lab File: BG023004.D  
Acq: 11 Jul 2016 17:18

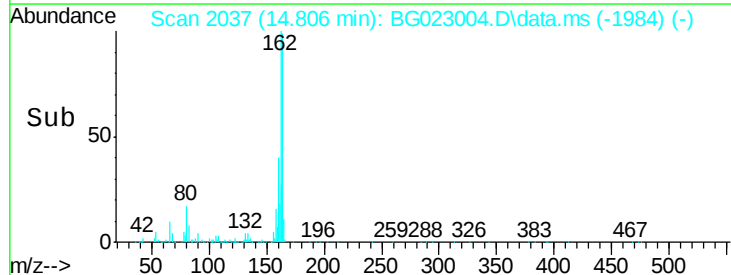
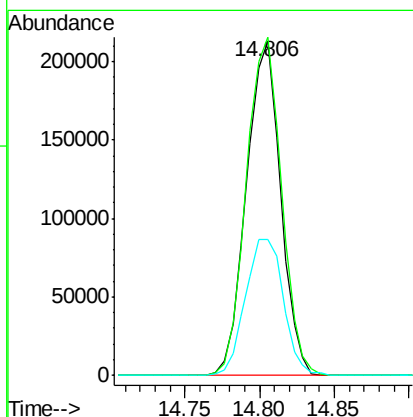
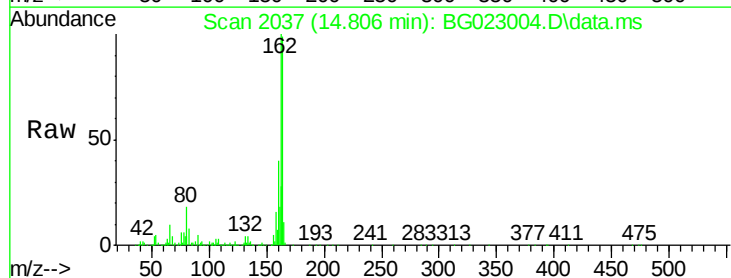
Instrument :  
BNA\_G  
ClientSampleId :  
SSTDCCC040

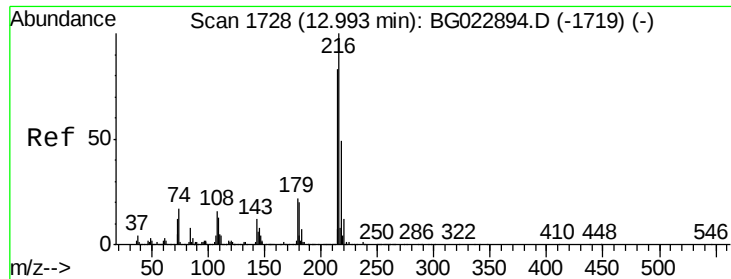
| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 142     | 100   |       |       |
| 141     | 91.1  | 70.2  | 105.2 |
| 115     | 49.1  | 41.7  | 62.5  |



#38  
Acenaphthene-d10  
Concen: 20.00 ng  
RT: 14.806 min Scan# 2037  
Delta R.T. 0.009 min  
Lab File: BG023004.D  
Acq: 11 Jul 2016 17:18

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 164     | 100   |       |       |
| 162     | 101.0 | 87.7  | 131.5 |
| 160     | 40.5  | 37.2  | 55.8  |





#39

1,2,4,5-Tetrachlorobenzene

Concen: 41.22 ng

RT: 13.002 min Scan# 17

Delta R.T. 0.009 min

Lab File: BG023004.D

Acq: 11 Jul 2016 17:18

Instrument :

BNA\_G

ClientSampleId :

SSTDCCC040

Tot Ion:216 Resp: 597157

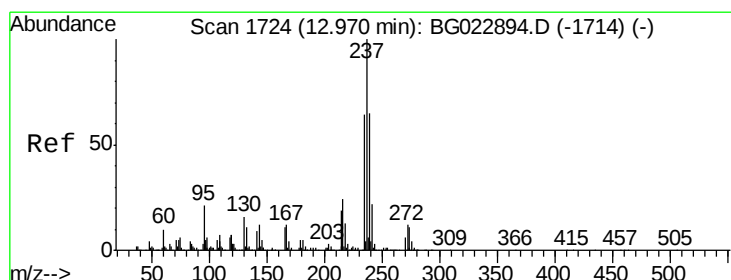
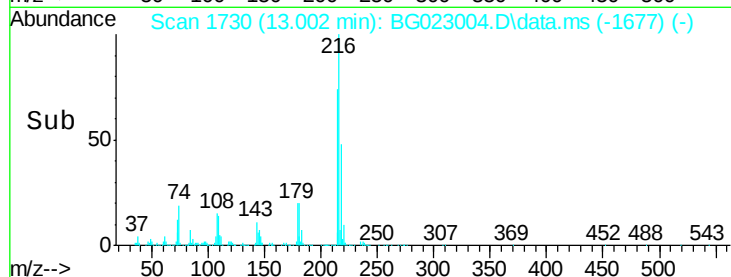
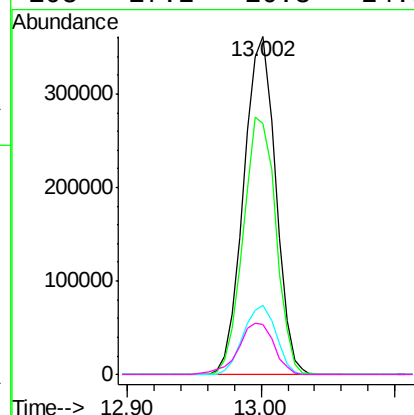
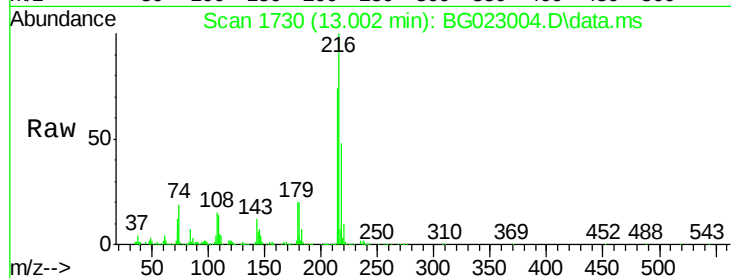
Ion Ratio Lower Upper

216 100

214 77.7 62.9 94.3

179 20.9 17.2 25.8

108 17.2 16.3 24.5



#40

Hexachlorocyclopentadiene

Concen: 43.35 ng

RT: 12.972 min Scan# 1725

Delta R.T. 0.003 min

Lab File: BG023004.D

Acq: 11 Jul 2016 17:18

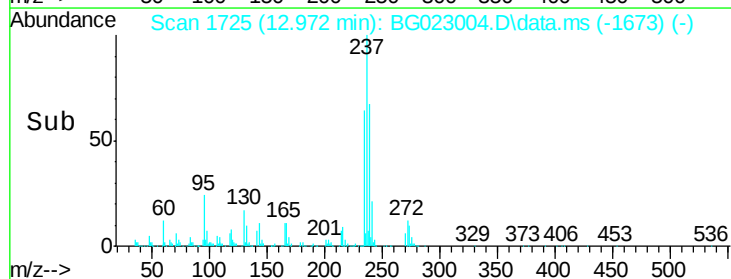
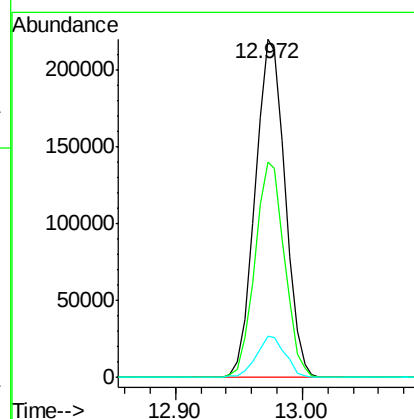
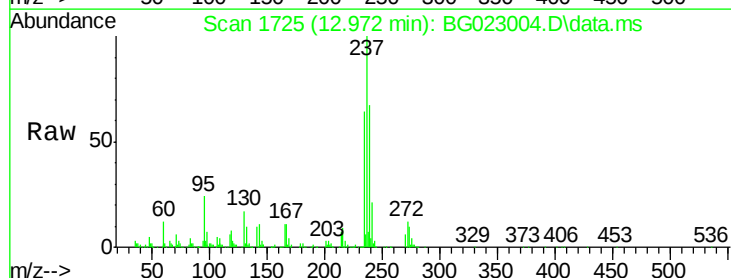
Tgt Ion:237 Resp: 361573

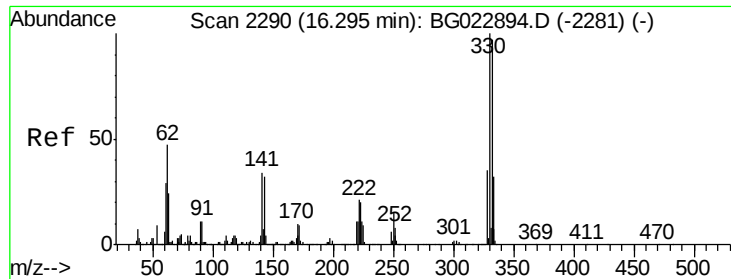
Ion Ratio Lower Upper

237 100

235 63.6 43.1 83.1

272 12.2 0.0 30.9

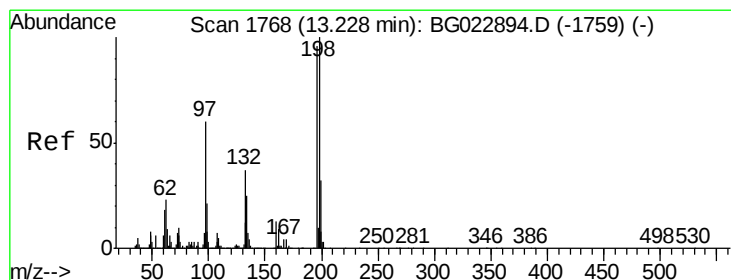
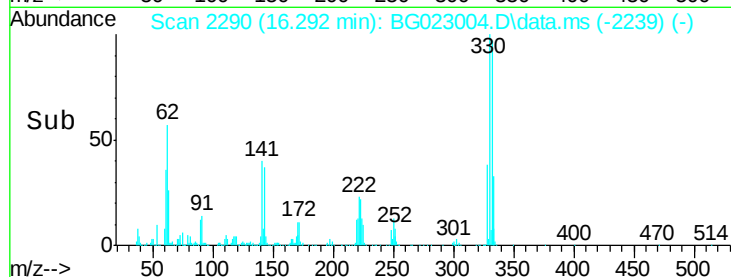
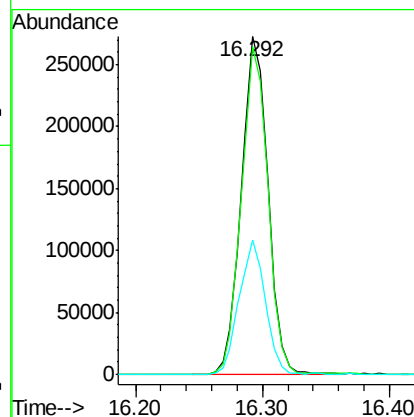
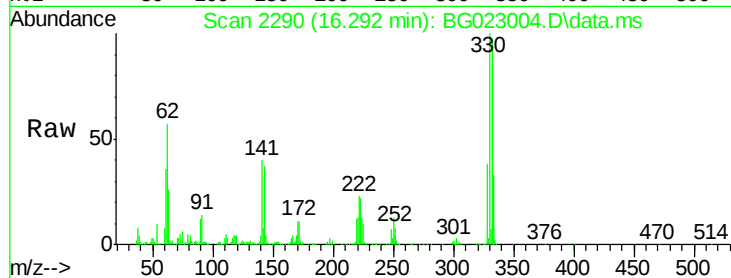




#41  
 2,4,6-Tribromophenol  
 Concen: 65.39 ng  
 RT: 16.292 min Scan# 22  
 Delta R.T. -0.003 min  
 Lab File: BG023004.D  
 Acq: 11 Jul 2016 17:18

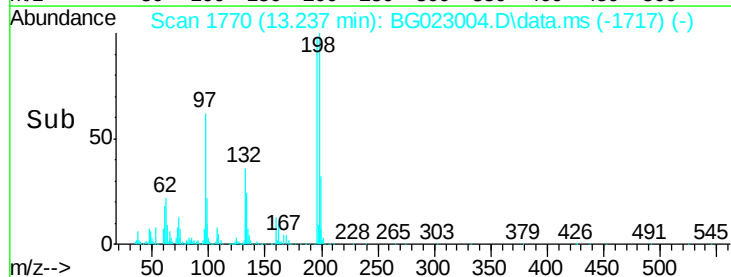
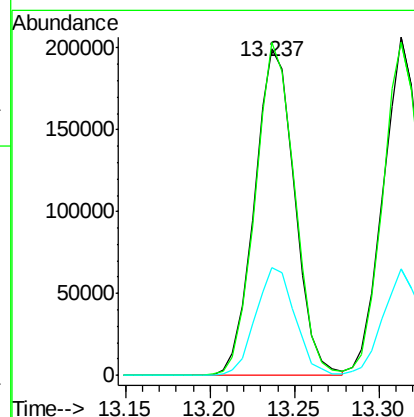
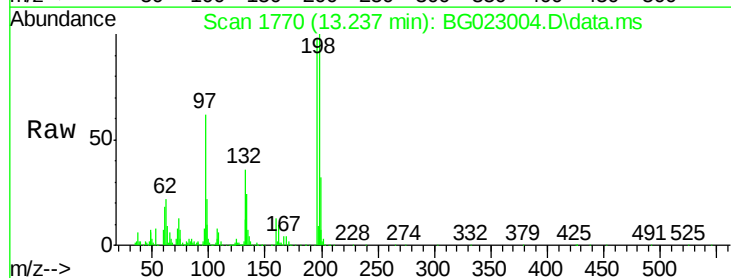
Instrument :  
 BNA\_G  
 ClientSampleId :  
 SSTCCCC040

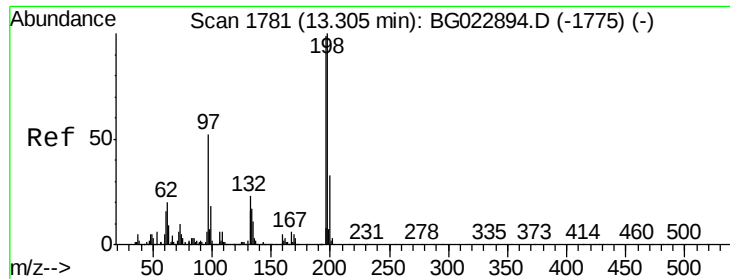
Tot Ion:330 Resp: 395113  
 Ion Ratio Lower Upper  
 330 100  
 332 96.3 77.4 116.2  
 141 39.1 31.7 47.5



#42  
 2,4,6-Trichlorophenol  
 Concen: 39.47 ng  
 RT: 13.237 min Scan# 1770  
 Delta R.T. 0.009 min  
 Lab File: BG023004.D  
 Acq: 11 Jul 2016 17:18

Tgt Ion:196 Resp: 328714  
 Ion Ratio Lower Upper  
 196 100  
 198 102.0 78.2 117.2  
 200 32.9 27.0 40.4





#43

2,4,5-Trichlorophenol

Concen: 38.69 ng

RT: 13.313 min Scan# 17

Delta R.T. 0.009 min

Lab File: BG023004.D

Acq: 11 Jul 2016 17:18

Instrument :

BNA\_G

ClientSampleId :

SSTDCCC040

Tot Ion:196 Resp: 330899

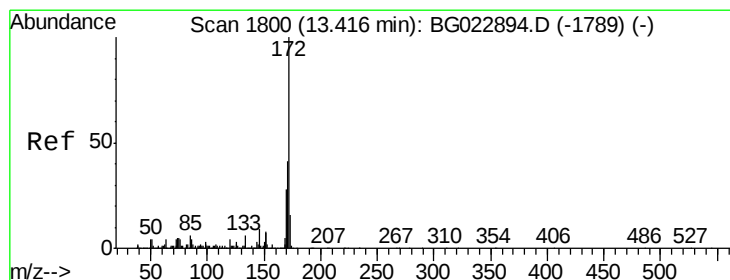
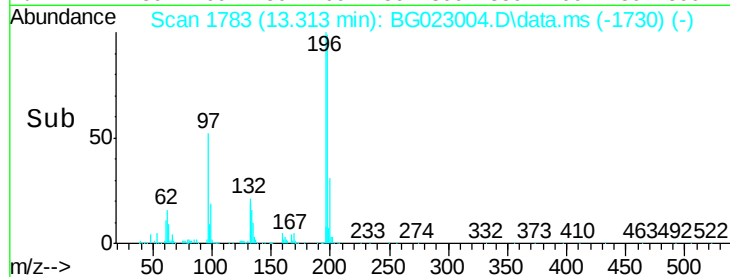
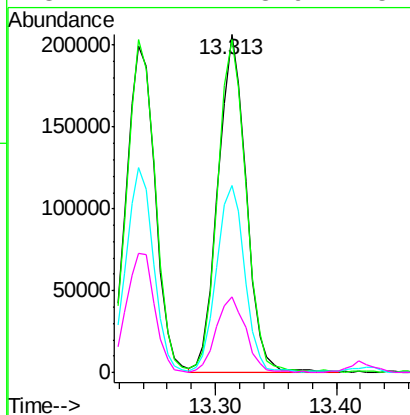
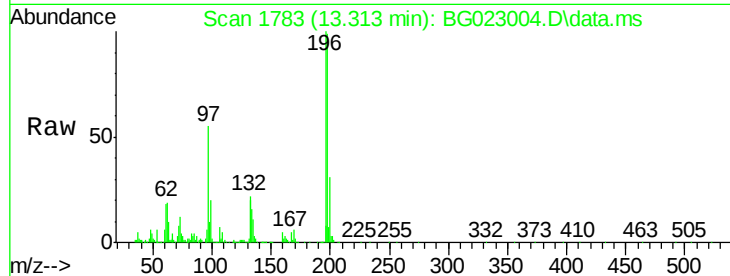
Ion Ratio Lower Upper

196 100

198 98.6 85.7 128.5

97 55.4 45.5 68.3

132 22.2 18.9 28.3



#44

2-Fluorobiphenyl

Concen: 81.89 ng

RT: 13.425 min Scan# 1802

Delta R.T. 0.009 min

Lab File: BG023004.D

Acq: 11 Jul 2016 17:18

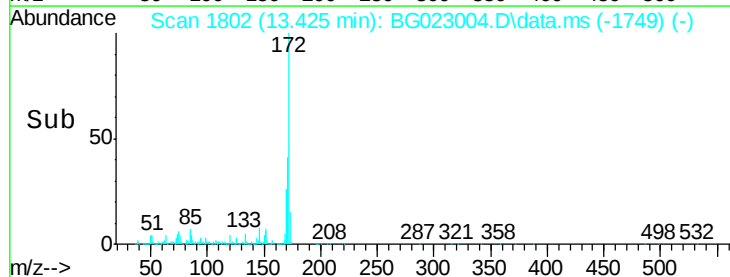
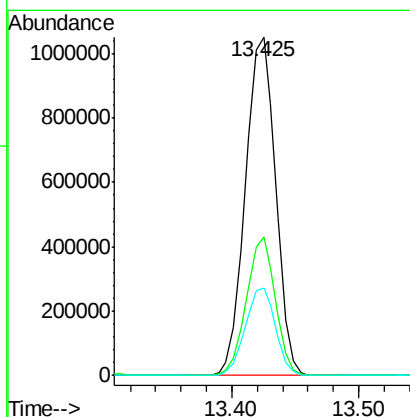
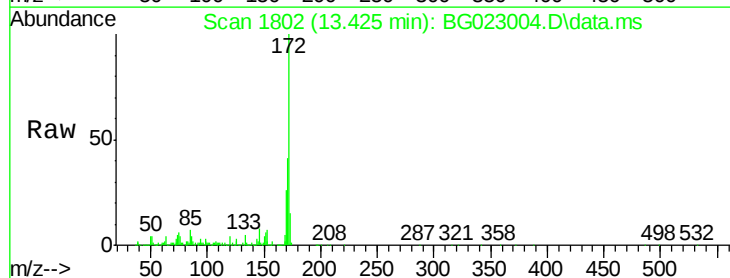
Tgt Ion:172 Resp: 1747838

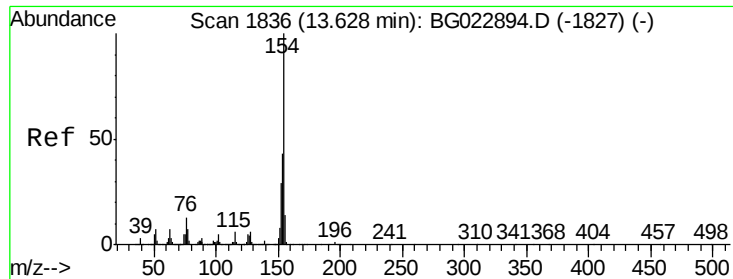
Ion Ratio Lower Upper

172 100

171 40.9 31.6 47.4

170 25.9 21.3 31.9

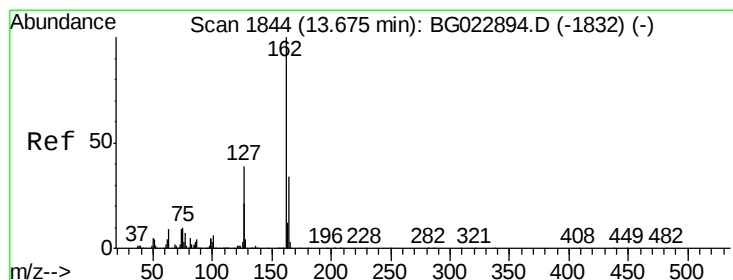
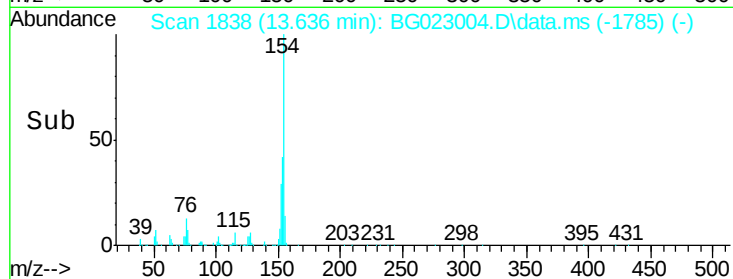
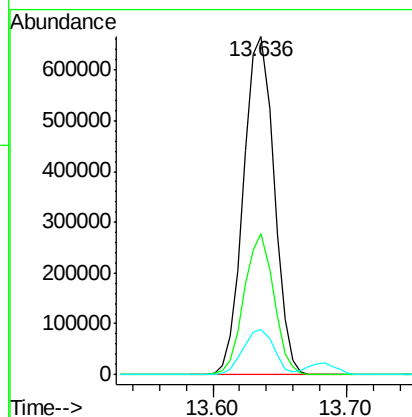
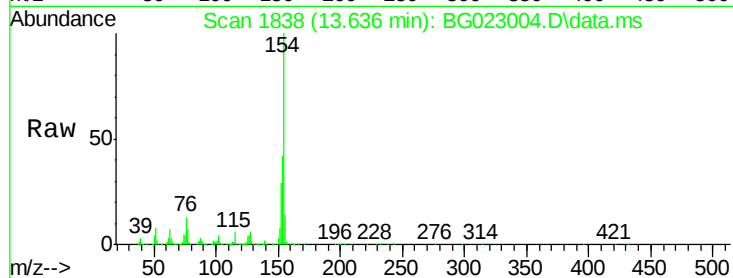




#45  
 1,1'-Biphenyl  
 Concen: 41.76 ng  
 RT: 13.636 min Scan# 1836  
 Delta R.T. 0.009 min  
 Lab File: BG023004.D  
 Acq: 11 Jul 2016 17:18

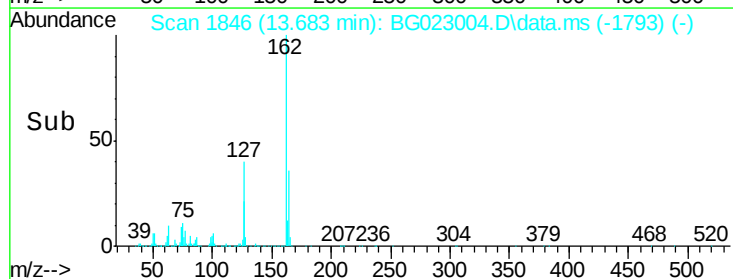
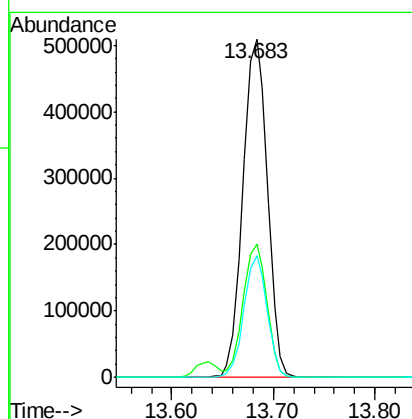
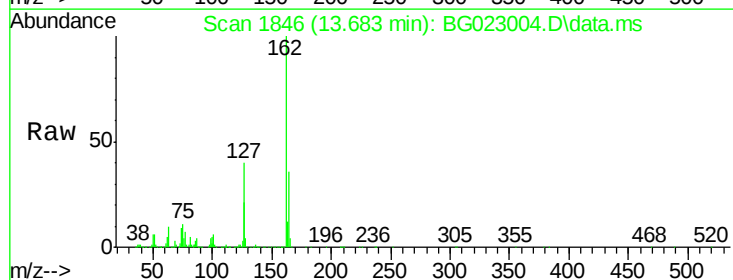
Instrument :  
 BNA\_G  
 ClientSampleId :  
 SSTCCCC040

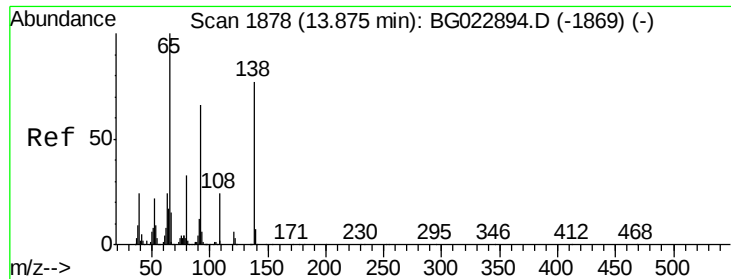
Tot Ion:154 Resp: 1053428  
 Ion Ratio Lower Upper  
 154 100  
 153 41.6 20.2 60.2  
 76 13.2 0.0 32.9



#46  
 2-Chloronaphthalene  
 Concen: 41.68 ng  
 RT: 13.683 min Scan# 1846  
 Delta R.T. 0.009 min  
 Lab File: BG023004.D  
 Acq: 11 Jul 2016 17:18

Tgt Ion:162 Resp: 852822  
 Ion Ratio Lower Upper  
 162 100  
 127 39.6 32.4 48.6  
 164 36.0 25.2 37.8

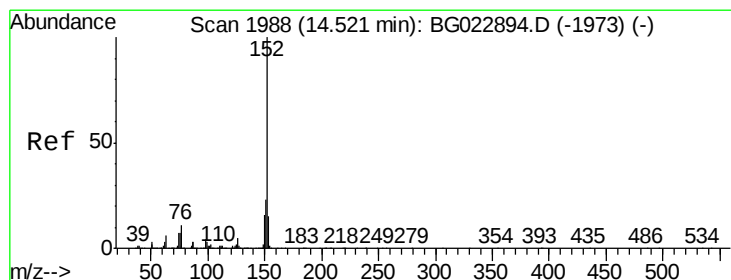
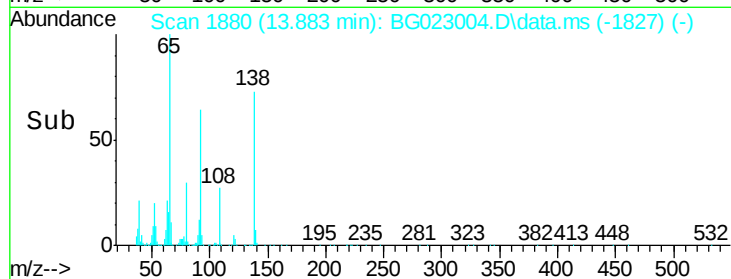
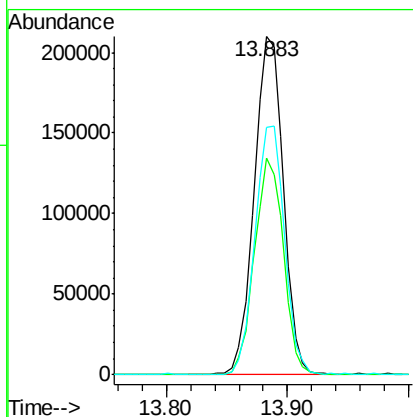
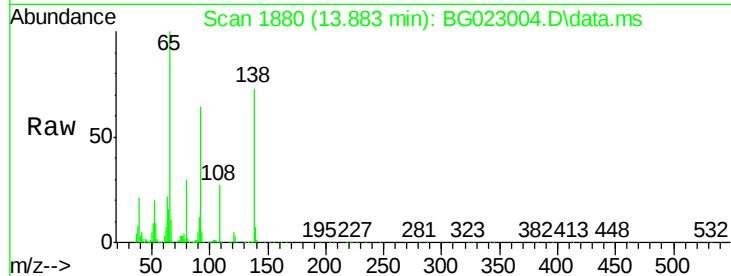




#47  
2-Nitroaniline  
Concen: 40.45 ng  
RT: 13.883 min Scan# 1878  
Delta R.T. 0.009 min  
Lab File: BG023004.D  
Acq: 11 Jul 2016 17:18

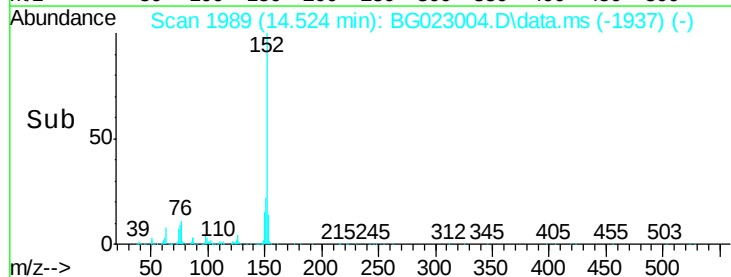
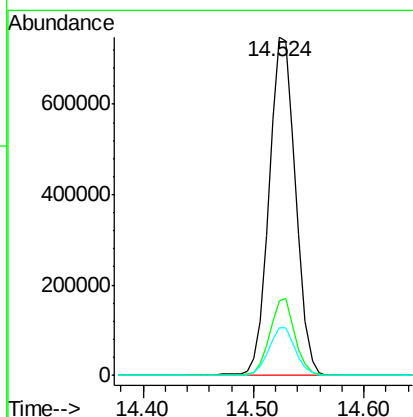
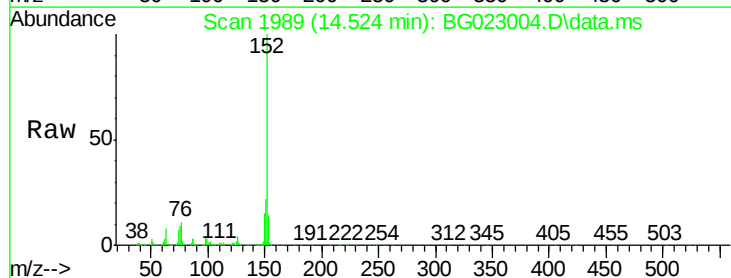
Instrument :  
BNA\_G  
ClientSampleId :  
SSTDCCC040

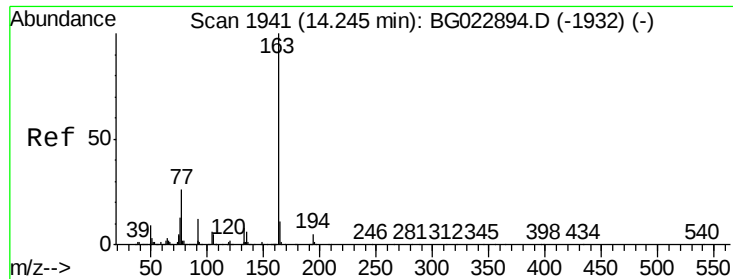
Tot Ion: 65 Resp: 353165  
Ion Ratio Lower Upper  
65 100  
92 63.9 49.4 74.0  
138 73.1 58.0 87.0



#48  
Acenaphthylene  
Concen: 40.80 ng  
RT: 14.524 min Scan# 1989  
Delta R.T. 0.003 min  
Lab File: BG023004.D  
Acq: 11 Jul 2016 17:18

Tgt Ion: 152 Resp: 1252287  
Ion Ratio Lower Upper  
152 100  
151 21.9 17.6 26.4  
153 14.1 11.4 17.2





#49

Dimethylphthalate

Concen: 37.48 ng

RT: 14.247 min Scan# 19

Delta R.T. 0.003 min

Lab File: BG023004.D

Acq: 11 Jul 2016 17:18

Instrument :

BNA\_G

ClientSampleId :

SSTDCCC040

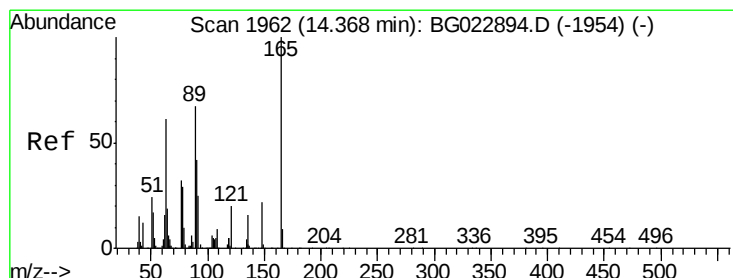
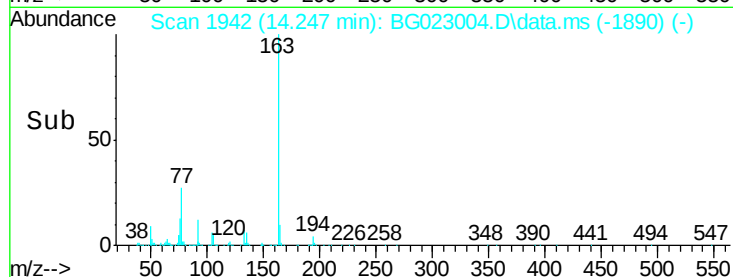
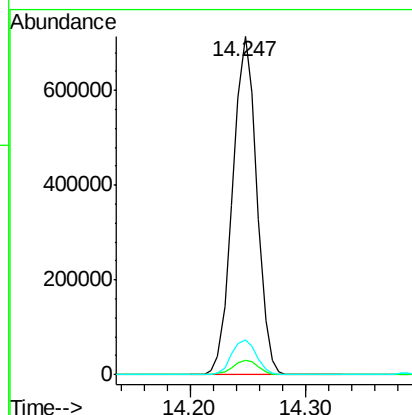
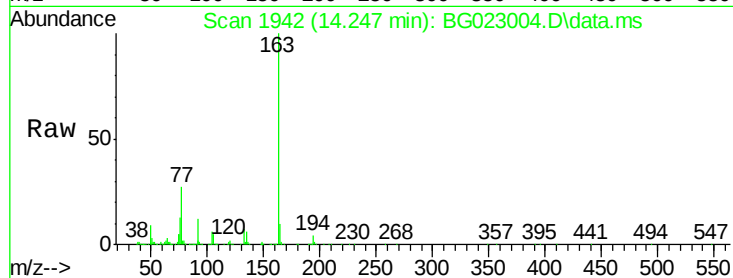
Tot Ion:163 Resp: 1029423

Ion Ratio Lower Upper

163 100

194 4.4 3.6 5.4

164 10.4 8.1 12.1



#50

2,6-Dinitrotoluene

Concen: 37.29 ng

RT: 14.371 min Scan# 1963

Delta R.T. 0.003 min

Lab File: BG023004.D

Acq: 11 Jul 2016 17:18

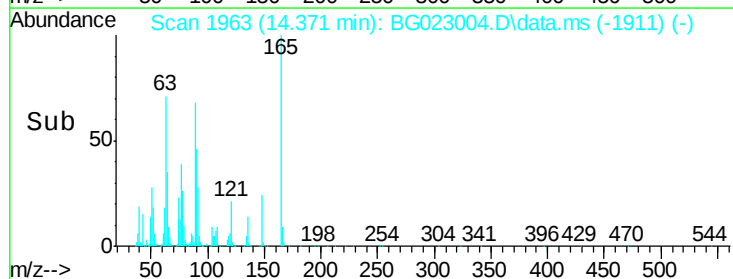
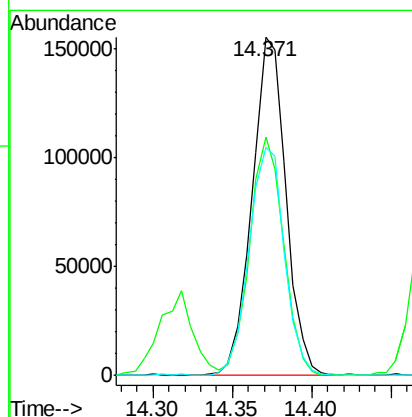
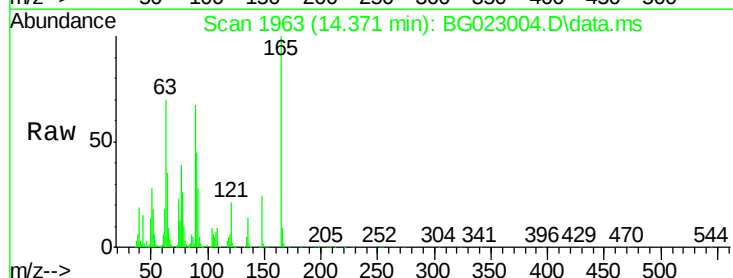
Tgt Ion:165 Resp: 230149

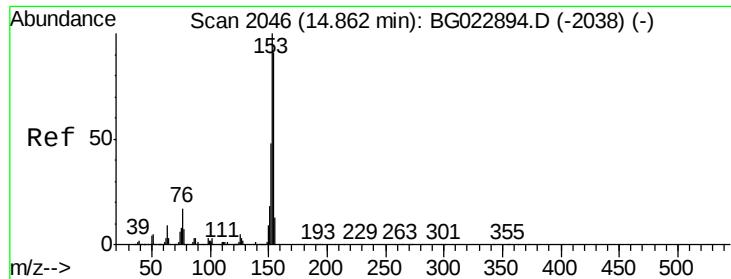
Ion Ratio Lower Upper

165 100

63 70.4 64.3 96.5

89 67.4 64.3 96.5





#51

Acenaphthene

Concen: 39.91 ng

RT: 14.864 min Scan# 20

Delta R.T. 0.003 min

Lab File: BG023004.D

Acq: 11 Jul 2016 17:18

Instrument :

BNA\_G

ClientSampleId :

SSTDCCC040

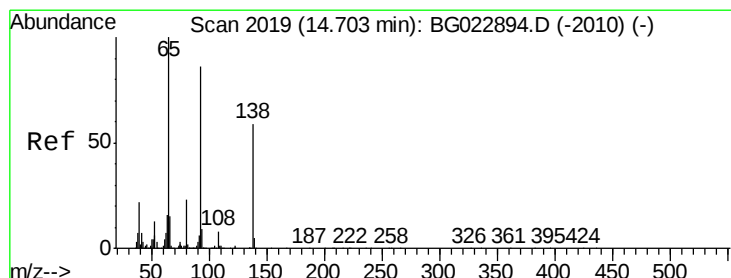
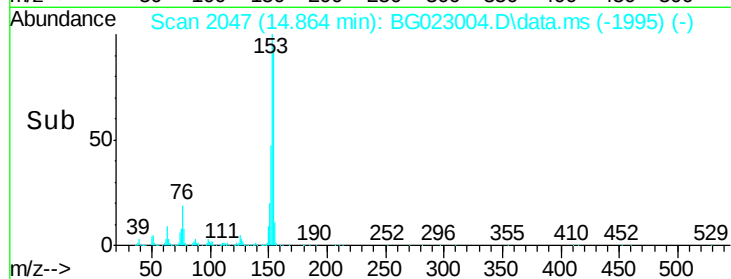
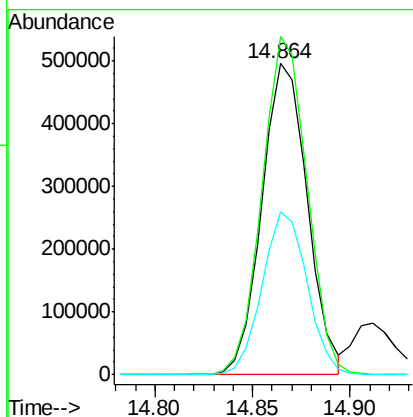
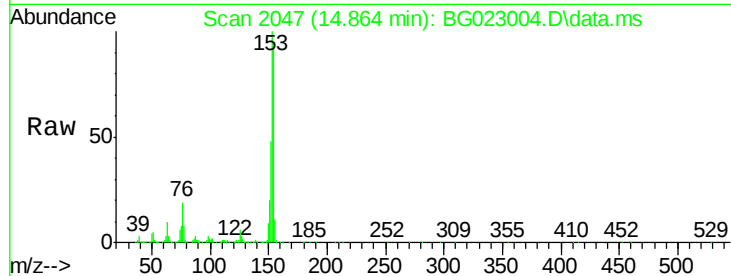
Tot Ion:154 Resp: 800581

Ion Ratio Lower Upper

154 100

153 108.7 87.5 131.3

152 52.2 42.7 64.1



#52

3-Nitroaniline

Concen: 38.24 ng

RT: 14.706 min Scan# 2020

Delta R.T. 0.003 min

Lab File: BG023004.D

Acq: 11 Jul 2016 17:18

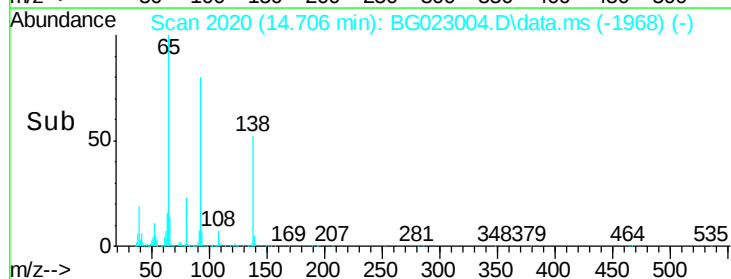
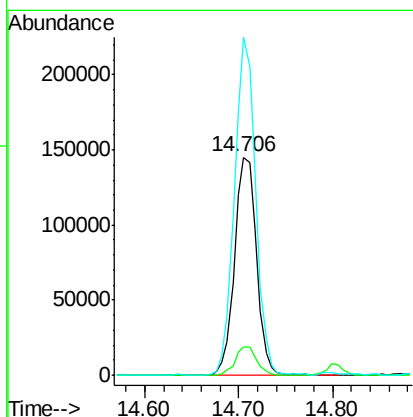
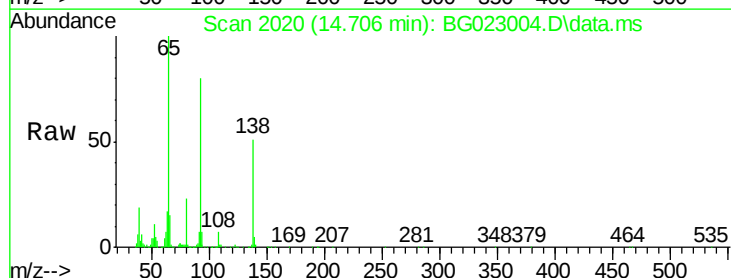
Tgt Ion:138 Resp: 235320

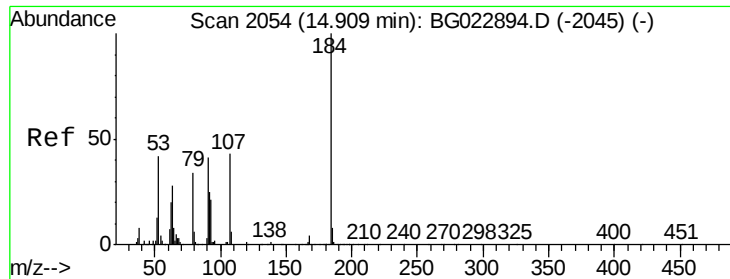
Ion Ratio Lower Upper

138 100

108 13.2 11.7 17.5

92 154.9 129.7 194.5

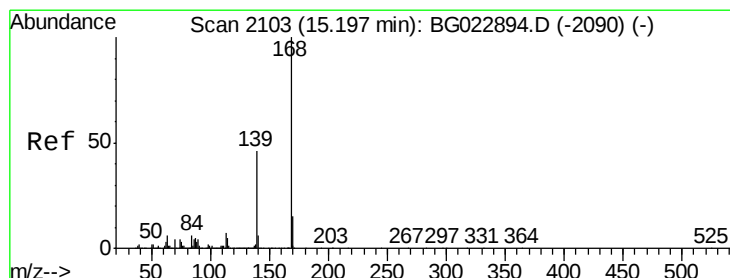
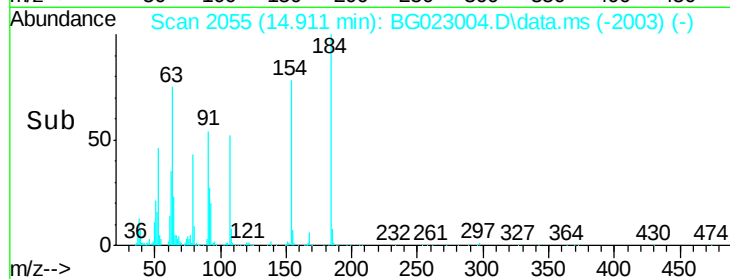
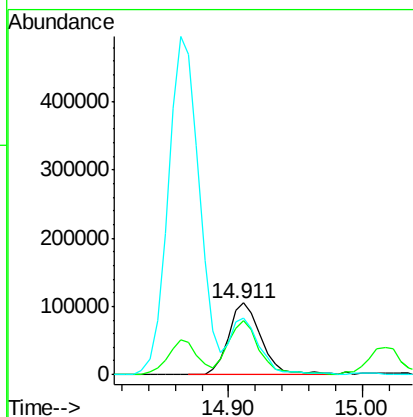
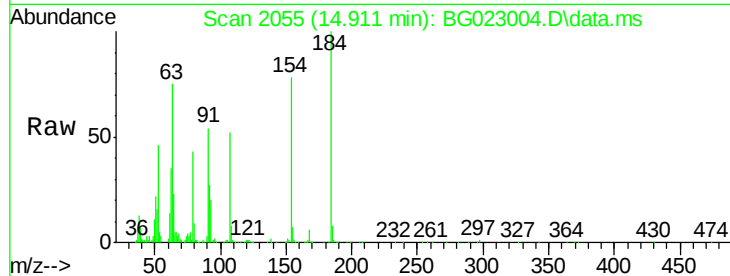




#53  
2,4-Dinitrophenol  
Concen: 42.11 ng  
RT: 14.911 min Scan# 20  
Delta R.T. 0.003 min  
Lab File: BG023004.D  
Acq: 11 Jul 2016 17:18

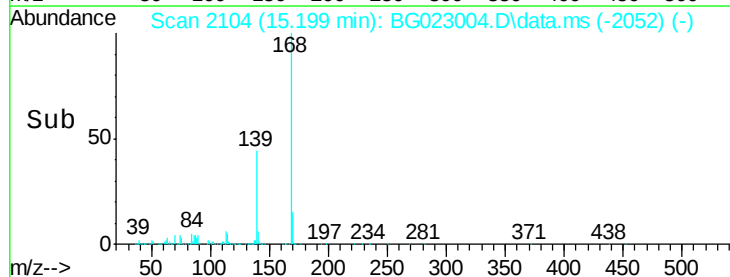
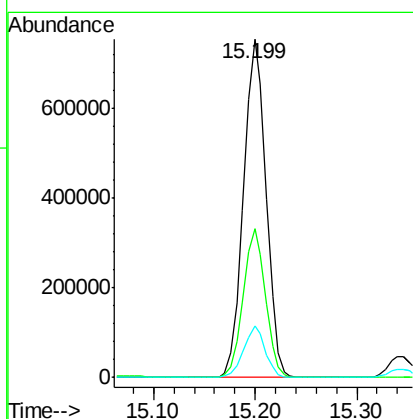
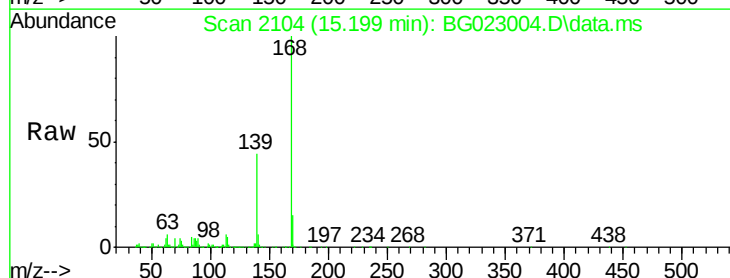
Instrument :  
BNA\_G  
ClientSampleId :  
SSTDCCC040

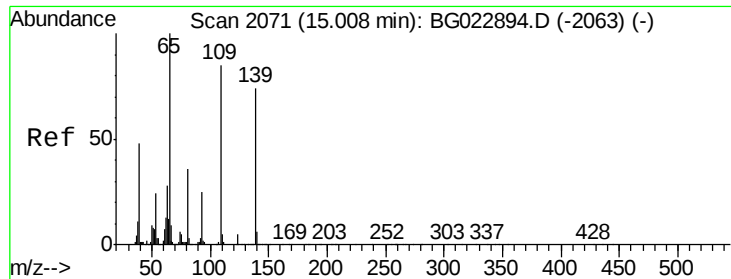
Tot Ion:184 Resp: 178332  
Ion Ratio Lower Upper  
184 100  
63 75.2 59.6 89.4  
154 78.4 67.4 101.0



#54  
Dibenzofuran  
Concen: 38.55 ng  
RT: 15.199 min Scan# 2104  
Delta R.T. 0.003 min  
Lab File: BG023004.D  
Acq: 11 Jul 2016 17:18

Tgt Ion:168 Resp: 1157528  
Ion Ratio Lower Upper  
168 100  
139 44.1 36.4 54.6  
169 15.3 11.9 17.9





#55

4-Nitrophenol

Concen: 34.45 ng

RT: 15.017 min Scan# 2071

Delta R.T. 0.009 min

Lab File: BG023004.D

Acq: 11 Jul 2016 17:18

Instrument :

BNA\_G

ClientSampleId :

SSTDCCC040

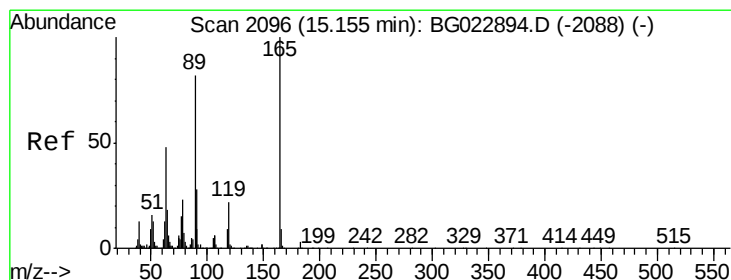
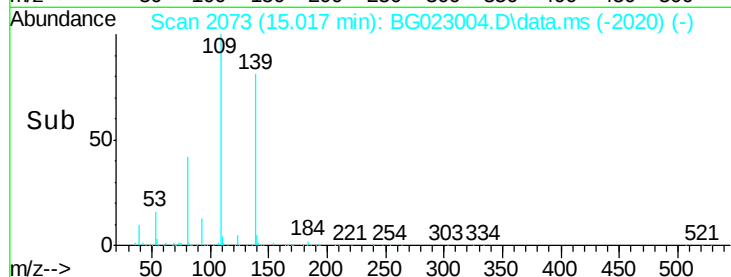
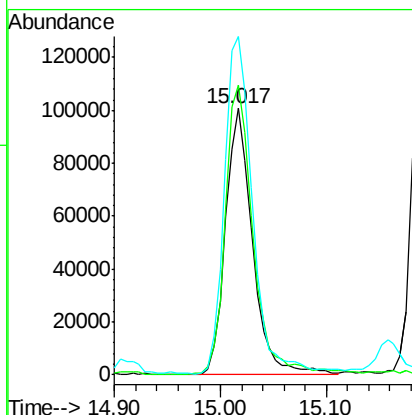
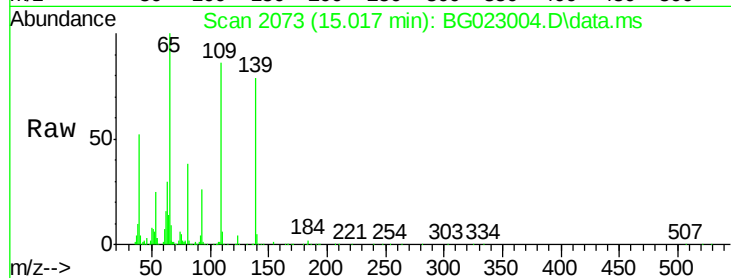
Tot Ion:139 Resp: 177726

Ion Ratio Lower Upper

139 100

109 108.7 103.0 143.0

65 127.1 112.7 152.7



#56

2,4-Dinitrotoluene

Concen: 36.80 ng

RT: 15.158 min Scan# 2097

Delta R.T. 0.003 min

Lab File: BG023004.D

Acq: 11 Jul 2016 17:18

Tgt Ion:165 Resp: 331111

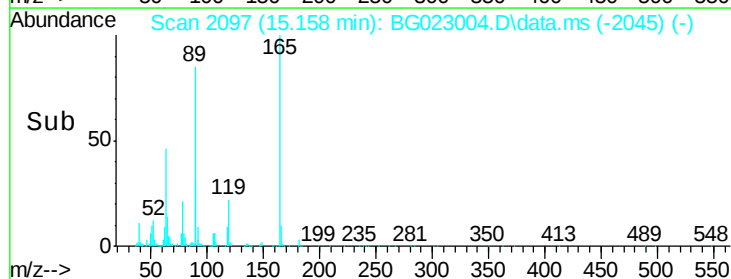
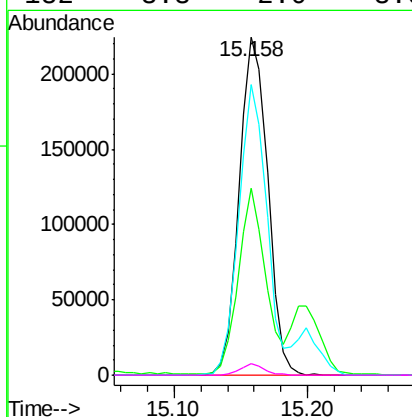
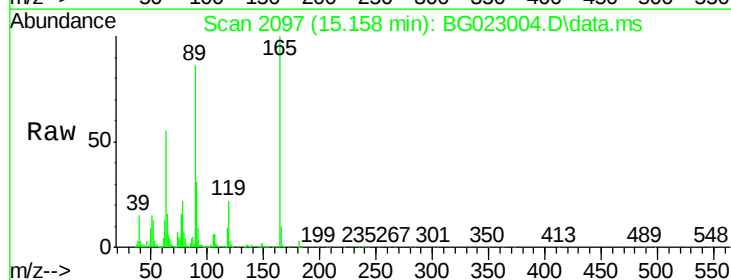
Ion Ratio Lower Upper

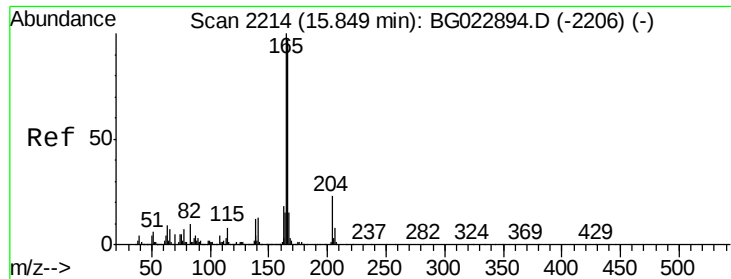
165 100

63 55.4 45.8 68.6

89 85.9 68.6 102.8

182 3.3 2.0 3.0#





#57

Fluorene

Concen: 38.04 ng

RT: 15.851 min Scan# 2214

Delta R.T. 0.003 min

Lab File: BG023004.D

Acq: 11 Jul 2016 17:18

Instrument :

BNA\_G

ClientSampleId :

SSTDCCC040

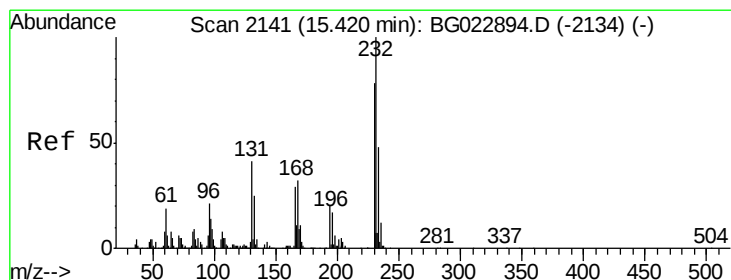
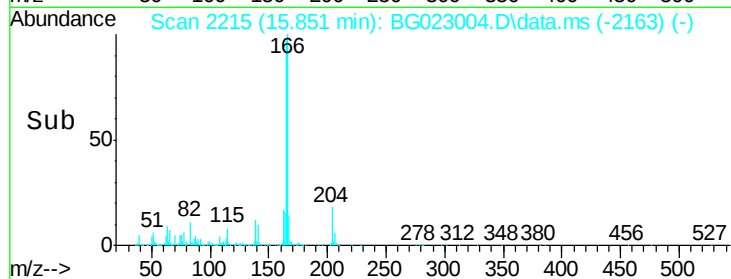
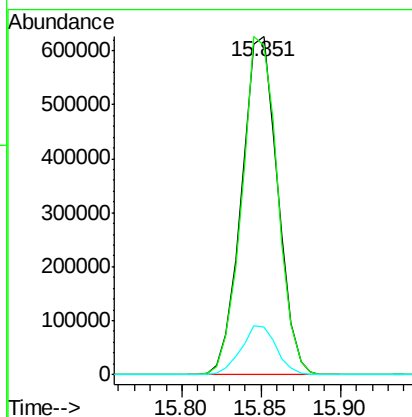
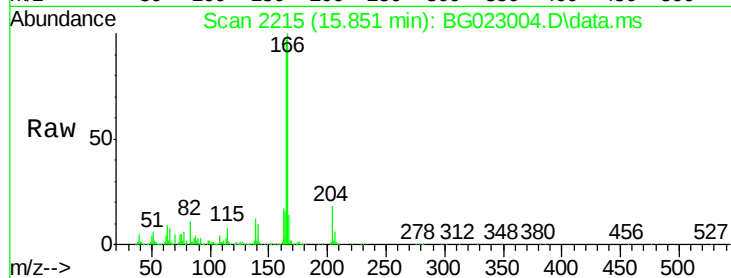
Tot Ion:166 Resp: 982926

Ion Ratio Lower Upper

166 100

165 97.3 81.0 121.6

167 14.0 12.0 18.0



#58

2,3,4,6-Tetrachlorophenol

Concen: 34.76 ng

RT: 15.428 min Scan# 2143

Delta R.T. 0.009 min

Lab File: BG023004.D

Acq: 11 Jul 2016 17:18

Tgt Ion:232 Resp: 297368

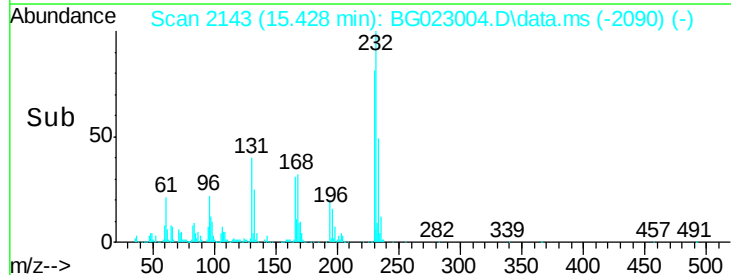
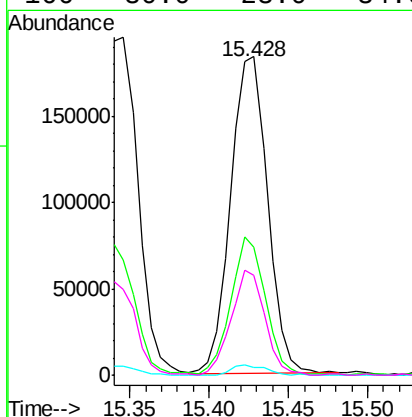
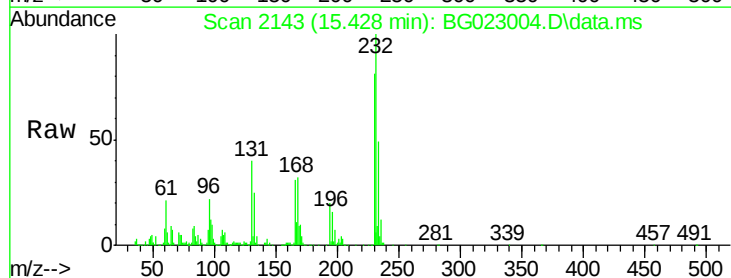
Ion Ratio Lower Upper

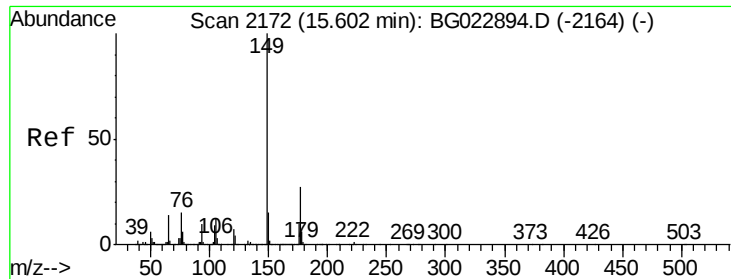
232 100

131 41.0 32.7 49.1

130 3.0 2.6 3.8

166 30.0 23.0 34.6





#59

Diethylphthalate

Concen: 36.74 ng

RT: 15.605 min Scan# 21

Delta R.T. 0.003 min

Lab File: BG023004.D

Acq: 11 Jul 2016 17:18

Instrument :

BNA\_G

ClientSampleId :

SSTDCCC040

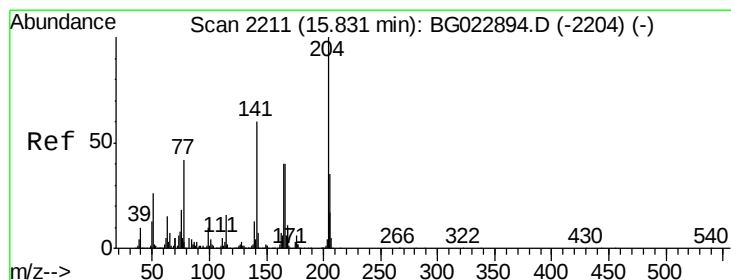
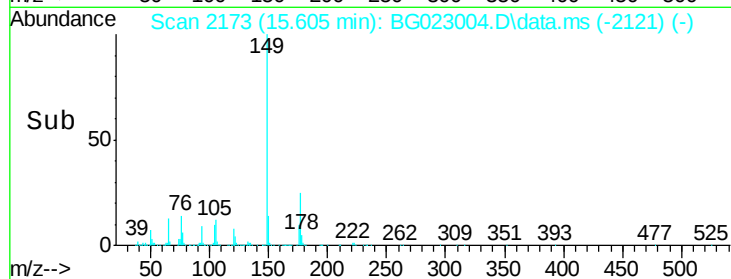
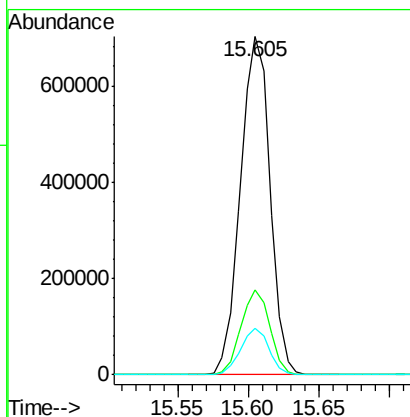
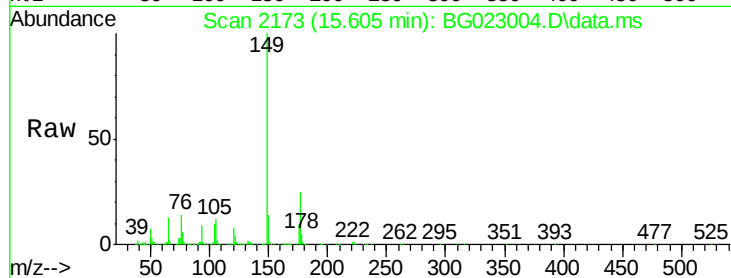
Tot Ion:149 Resp: 1026651

Ion Ratio Lower Upper

149 100

177 25.0 19.2 28.8

150 13.6 10.6 16.0



#60

4-Chlorophenyl-phenylether

Concen: 37.44 ng

RT: 15.834 min Scan# 2212

Delta R.T. 0.003 min

Lab File: BG023004.D

Acq: 11 Jul 2016 17:18

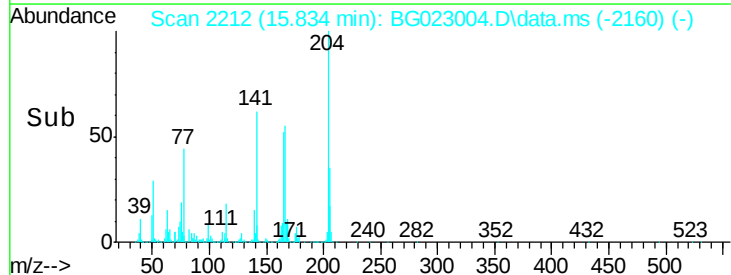
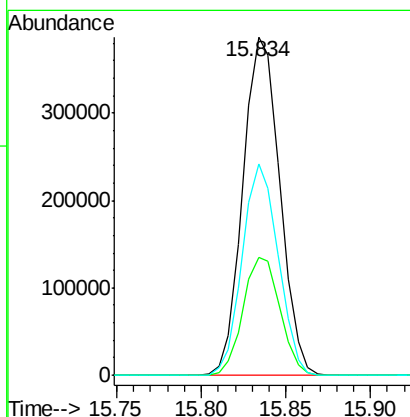
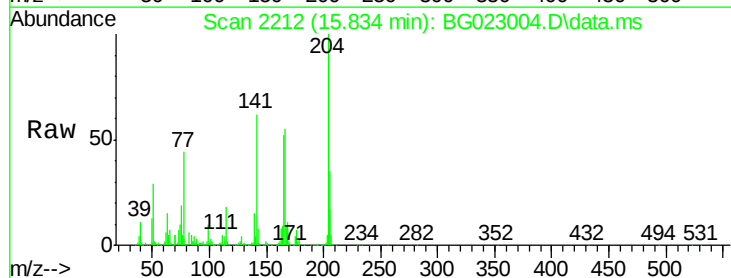
Tgt Ion:204 Resp: 589207

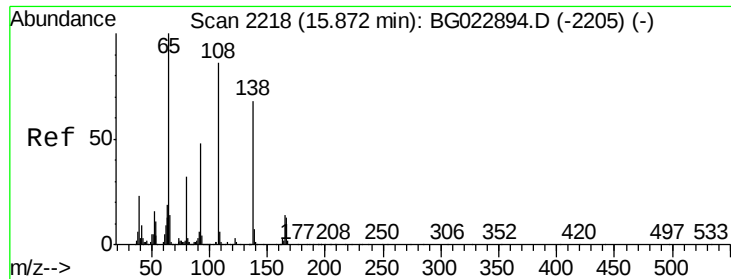
Ion Ratio Lower Upper

204 100

206 34.9 28.5 42.7

141 62.5 51.4 77.0

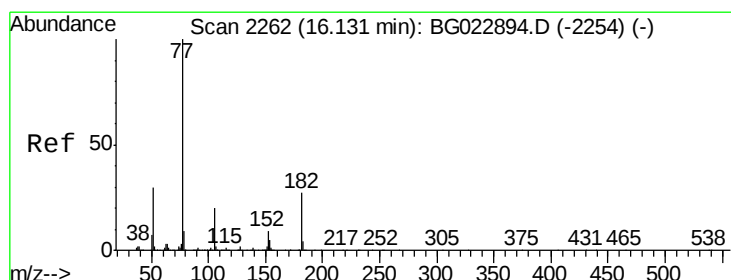
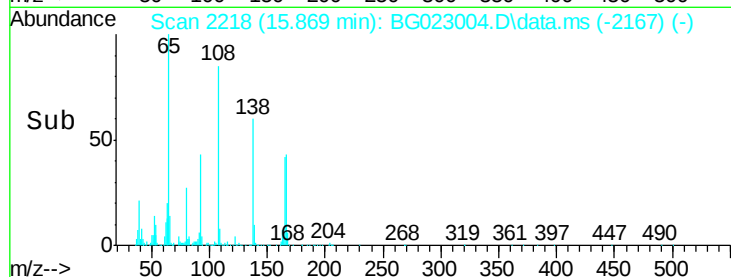
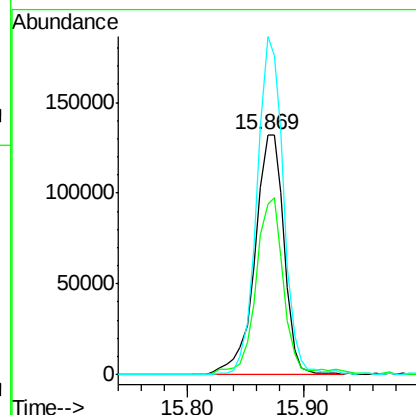
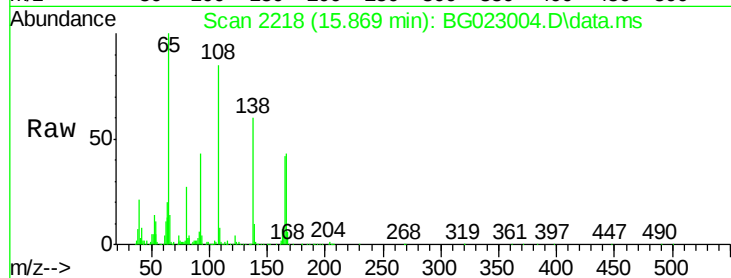




#61  
4-Nitroaniline  
Concen: 34.88 ng  
RT: 15.869 min Scan# 2218  
Delta R.T. -0.003 min  
Lab File: BG023004.D  
Acq: 11 Jul 2016 17:18

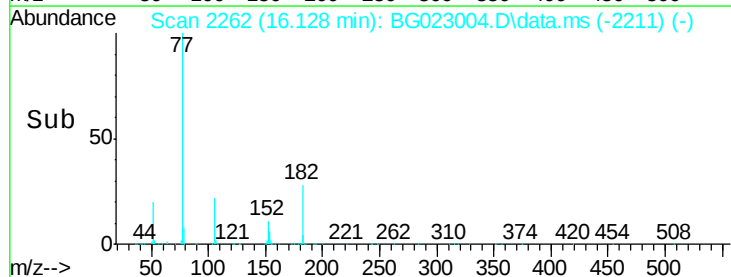
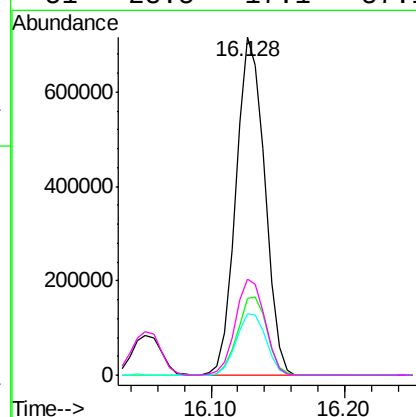
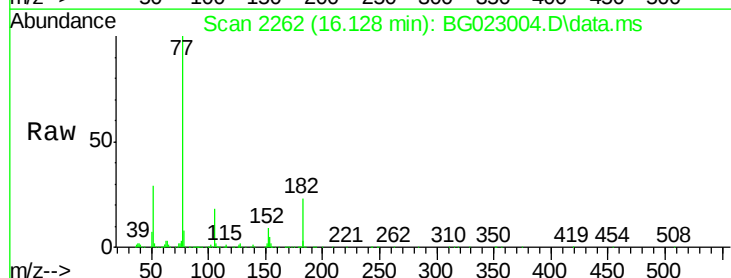
Instrument :  
BNA\_G  
ClientSampleId :  
SSTDCCC040

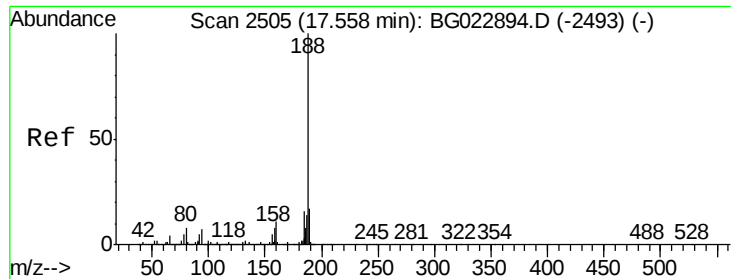
Tot Ion:138 Resp: 232251  
Ion Ratio Lower Upper  
138 100  
92 70.9 54.1 94.1  
108 141.0 133.9 173.9



#62  
Azobenzene  
Concen: 40.03 ng  
RT: 16.128 min Scan# 2262  
Delta R.T. -0.003 min  
Lab File: BG023004.D  
Acq: 11 Jul 2016 17:18

Tgt Ion: 77 Resp: 1069866  
Ion Ratio Lower Upper  
77 100  
182 22.9 3.5 43.5  
105 18.1 0.0 38.5  
51 28.5 17.1 57.1

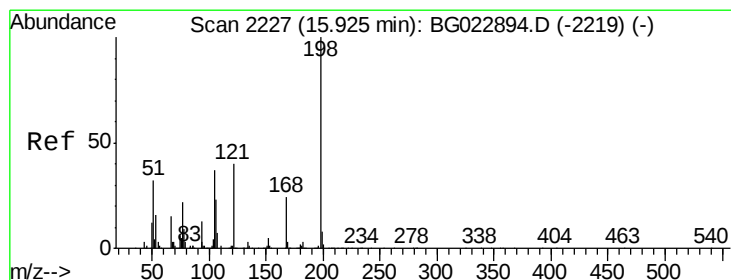
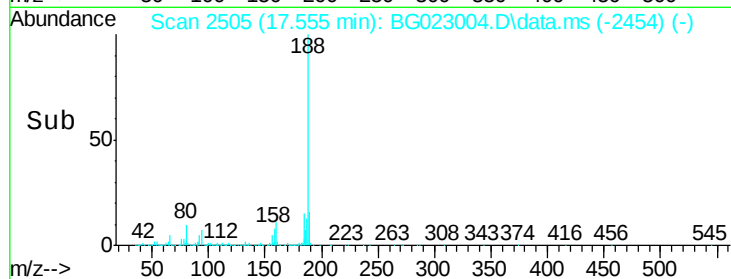
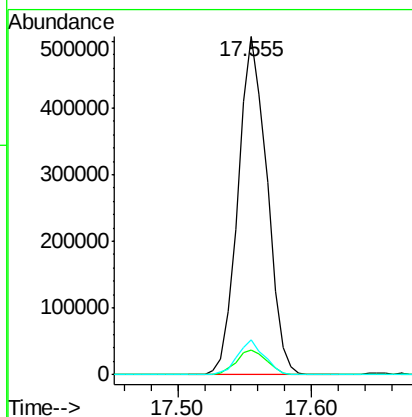
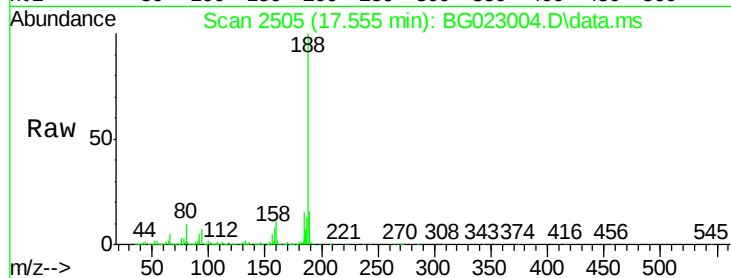




#63  
Phenanthrene-d10  
Concen: 20.00 ng  
RT: 17.555 min Scan# 25  
Delta R.T. -0.003 min  
Lab File: BG023004.D  
Acq: 11 Jul 2016 17:18

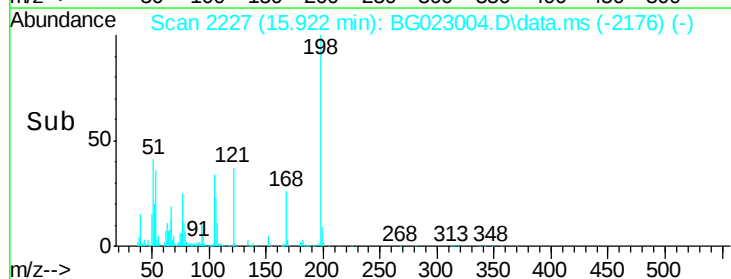
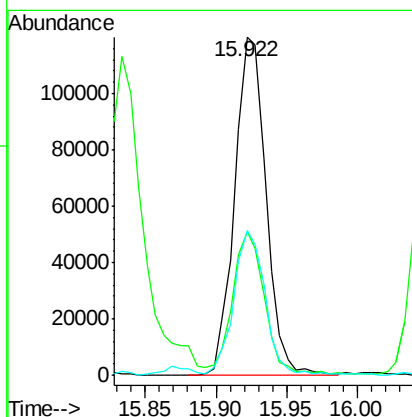
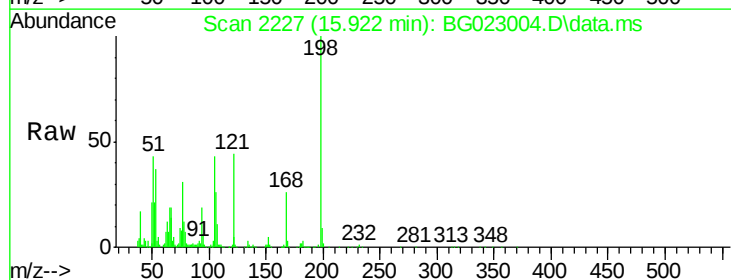
Instrument :  
BNA\_G  
ClientSampleId :  
SSTDCCC040

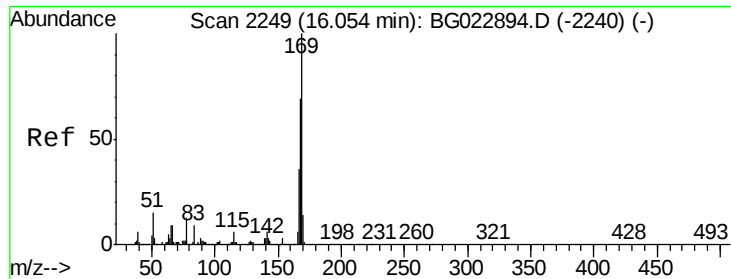
| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 188     | 100   |       |       |
| 94      | 7.1   | 5.2   | 7.8   |
| 80      | 10.2  | 7.2   | 10.8  |



#64  
4,6-Dinitro-2-methylphenol  
Concen: 33.00 ng  
RT: 15.922 min Scan# 2227  
Delta R.T. -0.003 min  
Lab File: BG023004.D  
Acq: 11 Jul 2016 17:18

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 198     | 100   |       |       |
| 51      | 42.5  | 26.0  | 66.0  |
| 105     | 42.7  | 20.1  | 60.1  |

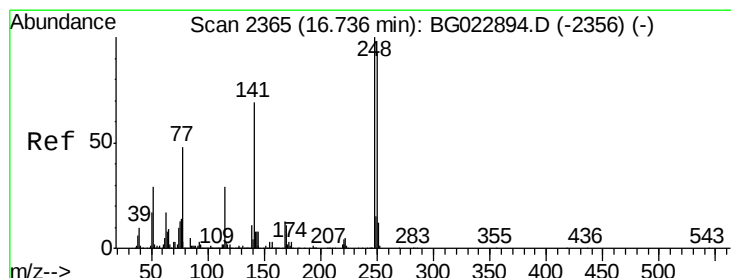
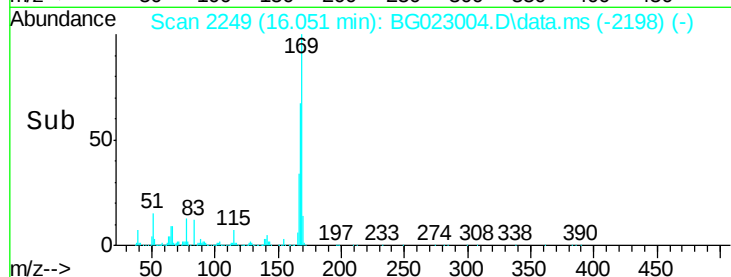
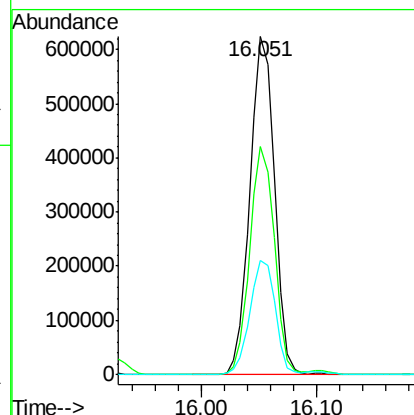
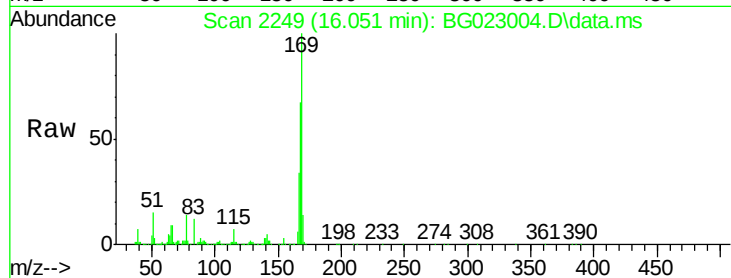




#65  
 n-Nitrosodiphenylamine  
 Concen: 42.29 ng  
 RT: 16.051 min Scan# 2249  
 Delta R.T. -0.003 min  
 Lab File: BG023004.D  
 Acq: 11 Jul 2016 17:18

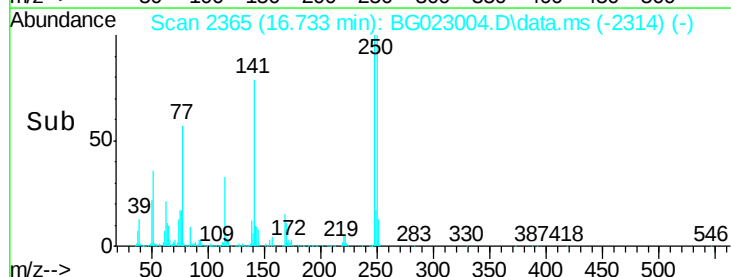
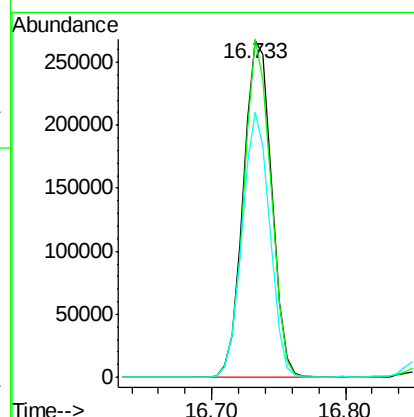
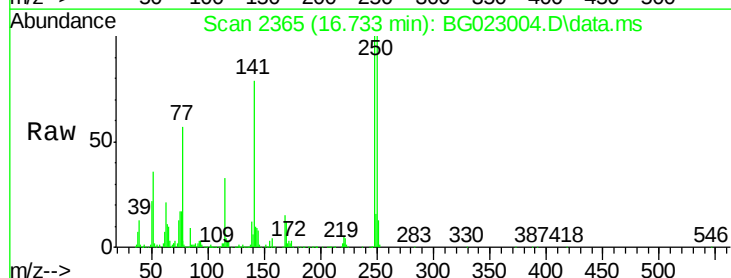
Instrument :  
 BNA\_G  
 ClientSampleId :  
 SSTDCCC040

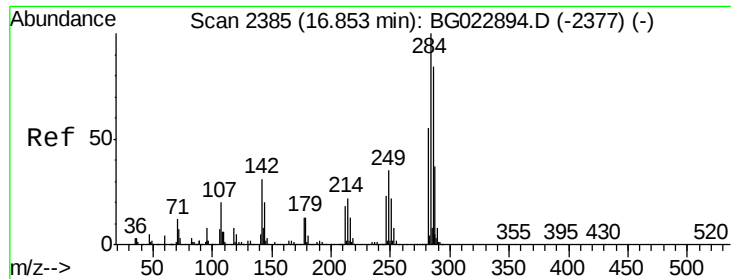
| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 169     | 100   |       |       |
| 168     | 67.3  | 55.0  | 82.4  |
| 167     | 33.8  | 27.4  | 41.0  |



#66  
 4-Bromophenyl-phenylether  
 Concen: 39.50 ng  
 RT: 16.733 min Scan# 2365  
 Delta R.T. -0.003 min  
 Lab File: BG023004.D  
 Acq: 11 Jul 2016 17:18

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 248     | 100   |       |       |
| 250     | 100.3 | 77.8  | 116.8 |
| 141     | 78.8  | 65.7  | 98.5  |

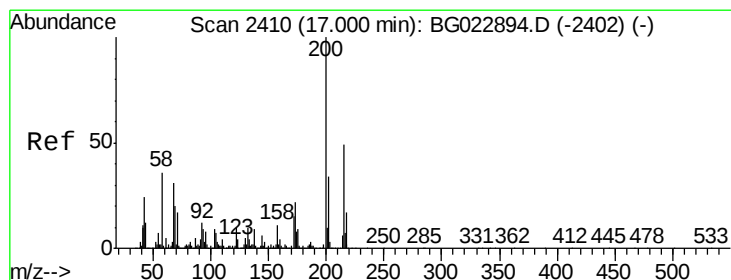
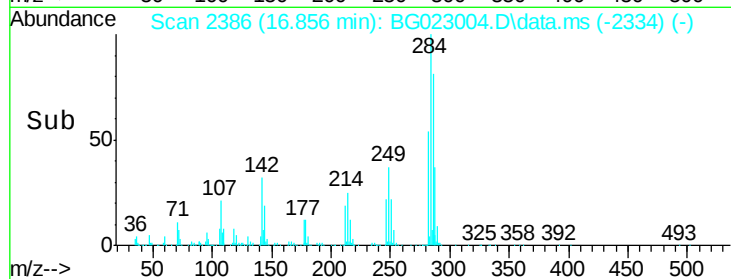
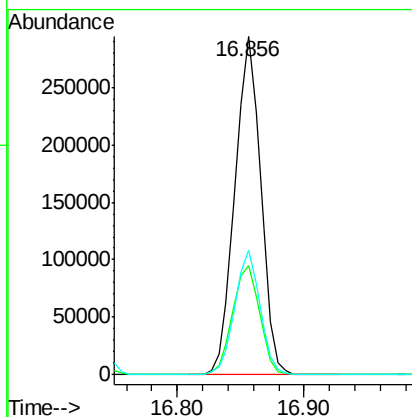
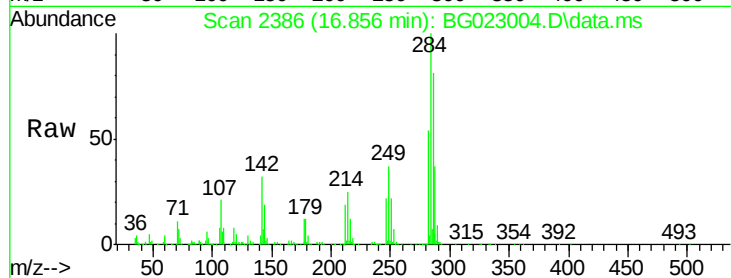




#67  
Hexachlorobenzene  
Concen: 38.56 ng  
RT: 16.856 min Scan# 2385  
Delta R.T. 0.003 min  
Lab File: BG023004.D  
Acq: 11 Jul 2016 17:18

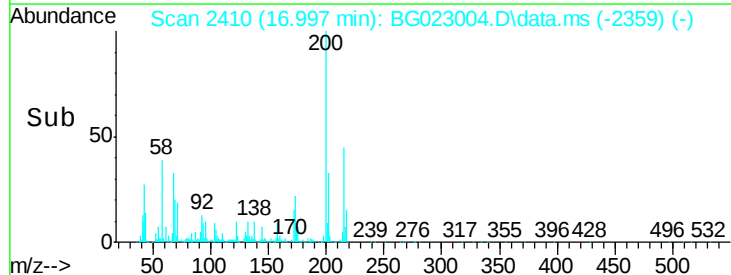
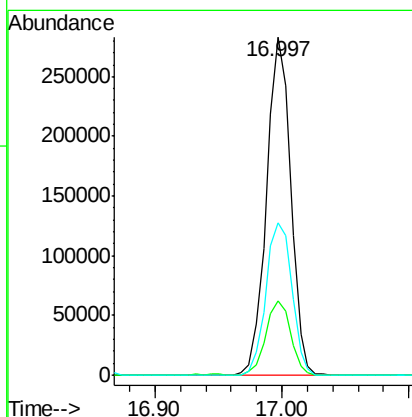
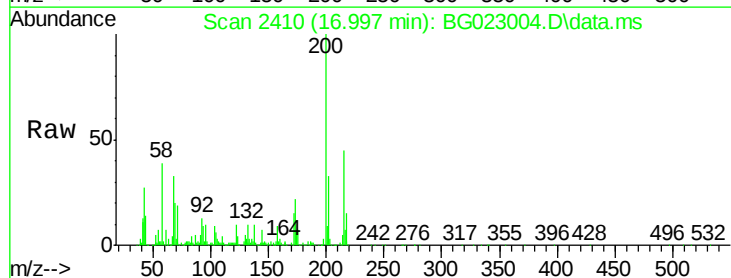
Instrument :  
BNA\_G  
ClientSampleId :  
SSTDCCC040

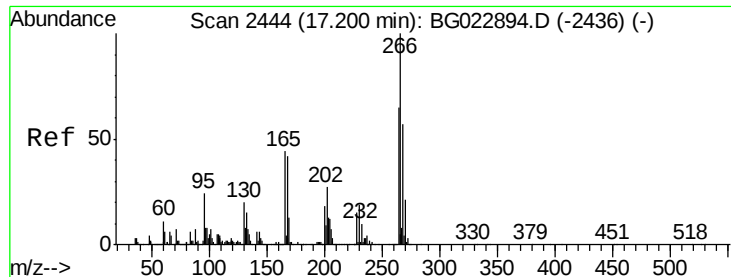
| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 284     | 100   |       |       |
| 142     | 32.4  | 26.8  | 40.2  |
| 249     | 36.8  | 28.9  | 43.3  |



#68  
Atrazine  
Concen: 38.74 ng  
RT: 16.997 min Scan# 2410  
Delta R.T. -0.003 min  
Lab File: BG023004.D  
Acq: 11 Jul 2016 17:18

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 200     | 100   |       |       |
| 173     | 22.1  | 1.6   | 41.6  |
| 215     | 45.1  | 28.7  | 68.7  |





#69

Pentachlorophenol

Concen: 33.88 ng

RT: 17.203 min Scan# 24

Delta R.T. 0.003 min

Lab File: BG023004.D

Acq: 11 Jul 2016 17:18

Instrument :

BNA\_G

ClientSampleId :

SSTDCCC040

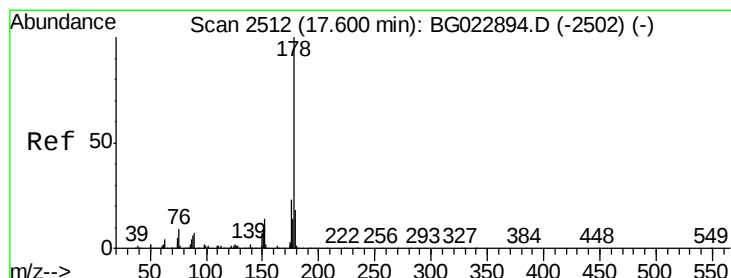
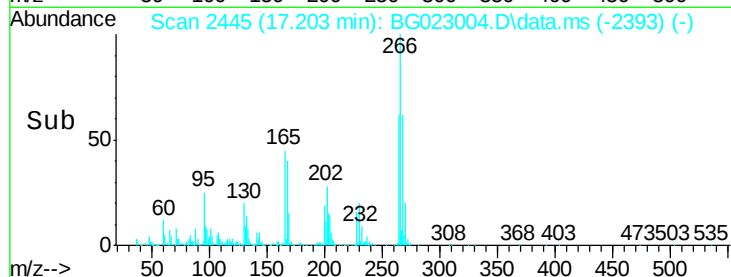
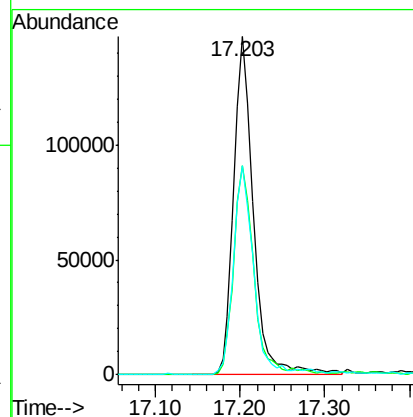
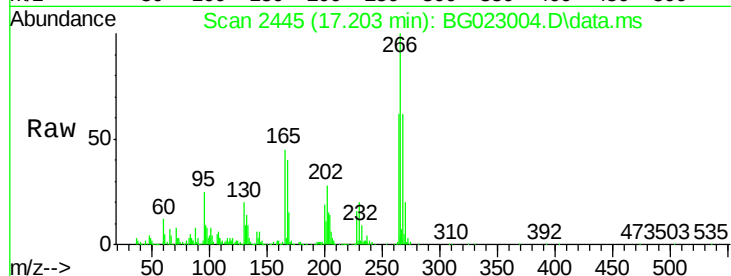
Tot Ion:266 Resp: 235761

Ion Ratio Lower Upper

266 100

268 61.8 51.9 77.9

264 61.8 50.6 75.8



#70

Phenanthrene

Concen: 40.23 ng

RT: 17.602 min Scan# 2513

Delta R.T. 0.003 min

Lab File: BG023004.D

Acq: 11 Jul 2016 17:18

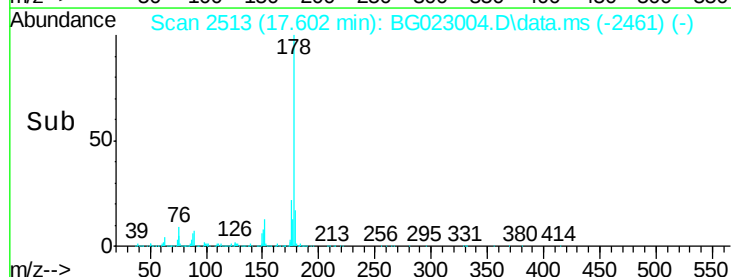
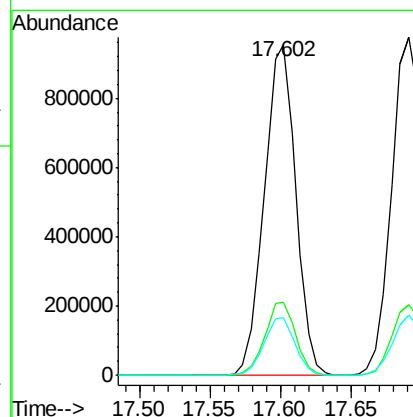
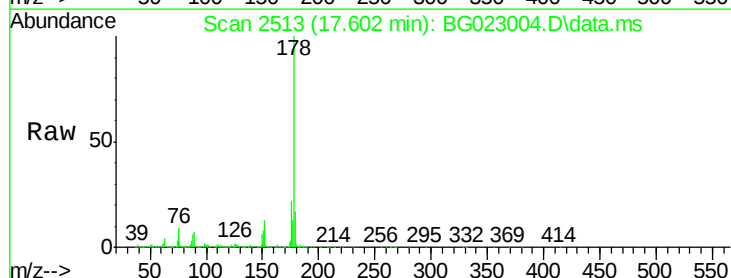
Tgt Ion:178 Resp: 1497632

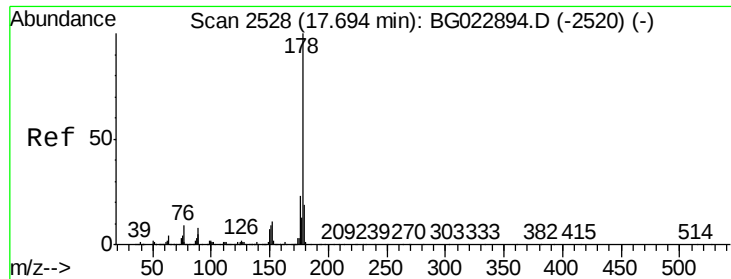
Ion Ratio Lower Upper

178 100

176 22.1 16.8 25.2

179 17.5 14.3 21.5

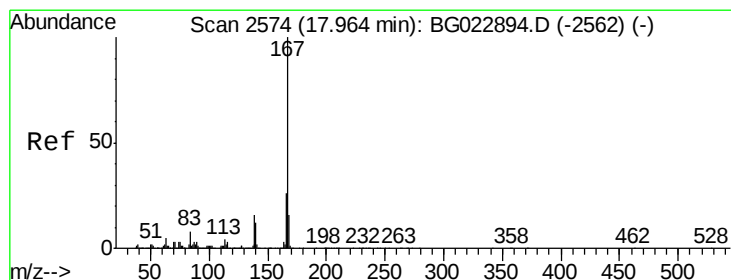
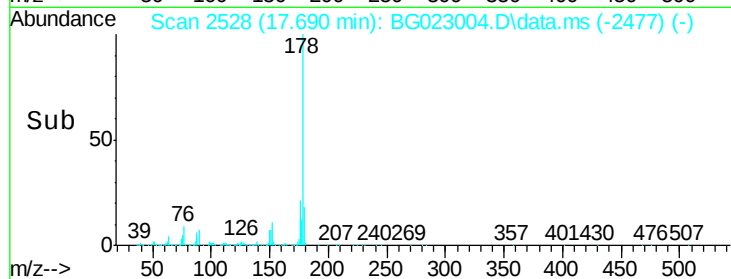
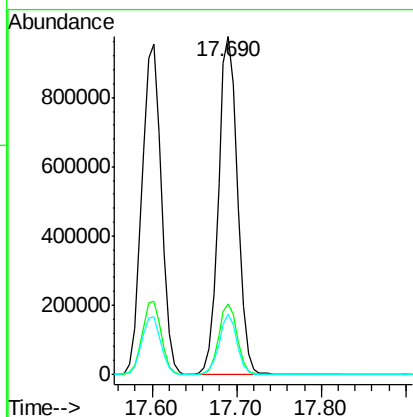
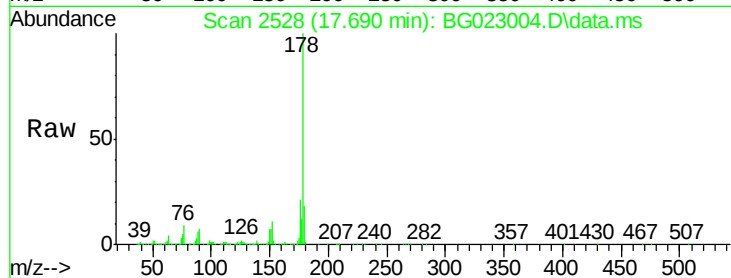




#71  
 Anthracene  
 Concen: 40.82 ng  
 RT: 17.690 min Scan# 2528  
 Delta R.T. -0.003 min  
 Lab File: BG023004.D  
 Acq: 11 Jul 2016 17:18

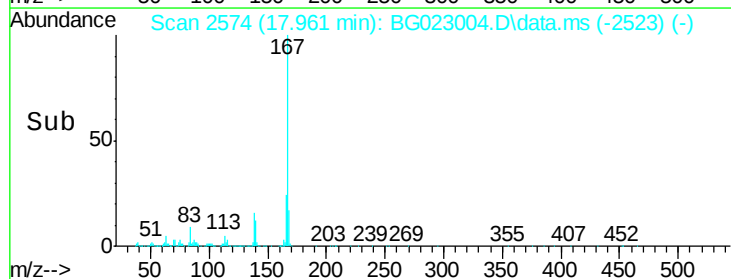
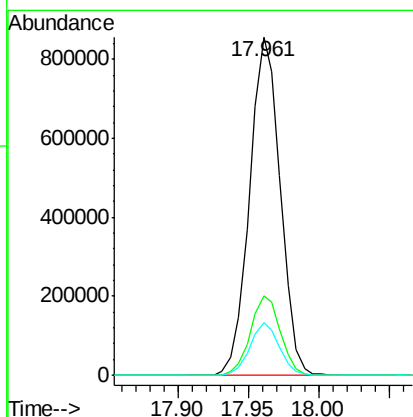
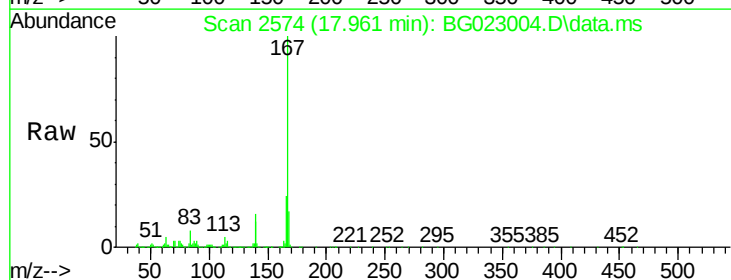
Instrument :  
 BNA\_G  
 ClientSampleId :  
 SSTDCCC040

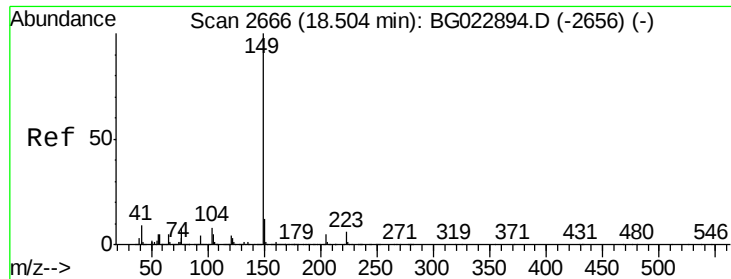
Tot Ion:178 Resp: 1538458  
 Ion Ratio Lower Upper  
 178 100  
 176 20.9 17.3 25.9  
 179 17.7 14.0 21.0



#72  
 Carbazole  
 Concen: 40.08 ng  
 RT: 17.961 min Scan# 2574  
 Delta R.T. -0.003 min  
 Lab File: BG023004.D  
 Acq: 11 Jul 2016 17:18

Tgt Ion:167 Resp: 1305289  
 Ion Ratio Lower Upper  
 167 100  
 166 23.5 20.7 31.1  
 139 15.7 11.9 17.9

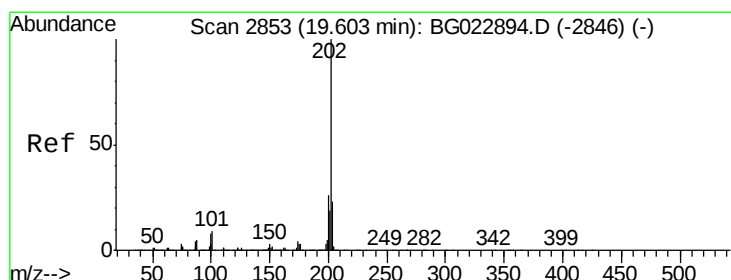
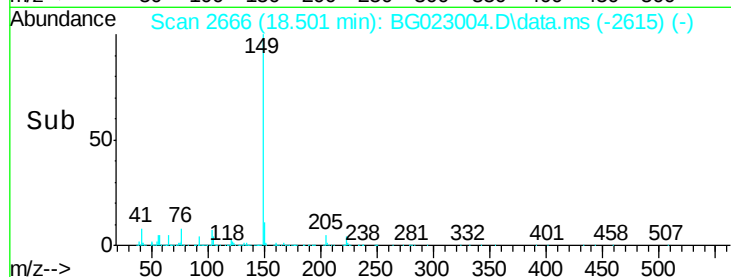
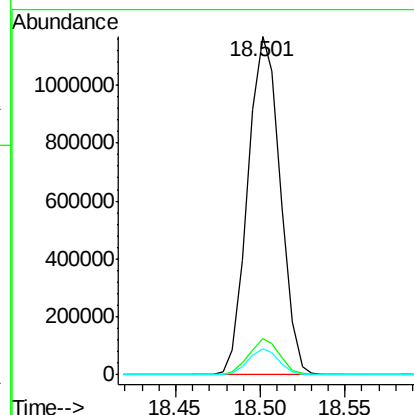
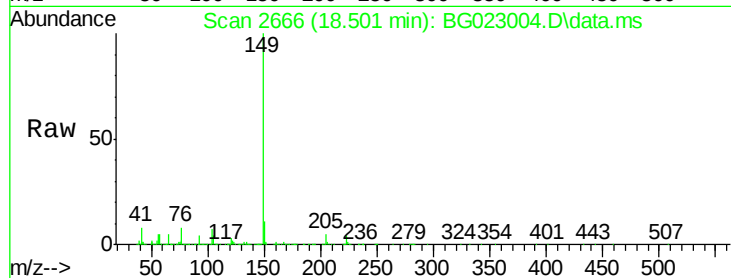




#73  
Di-n-butylphthalate  
Concen: 43.04 ng  
RT: 18.501 min Scan# 2666  
Delta R.T. -0.003 min  
Lab File: BG023004.D  
Acq: 11 Jul 2016 17:18

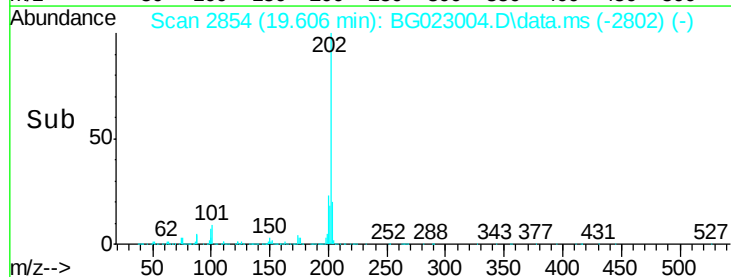
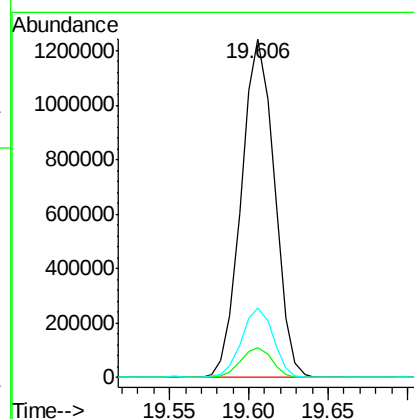
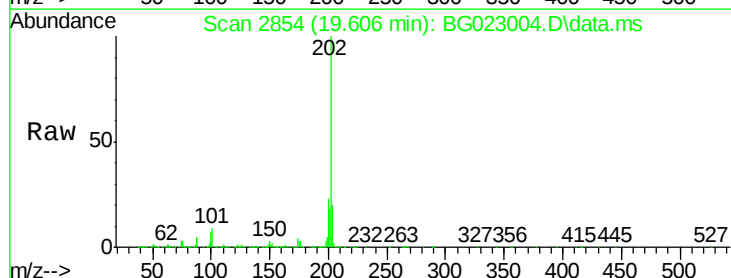
Instrument :  
BNA\_G  
ClientSampleId :  
SSTDCCC040

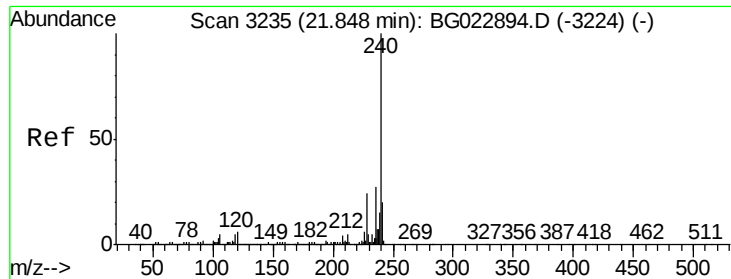
Tot Ion:149 Resp: 1559027  
Ion Ratio Lower Upper  
149 100  
150 10.8 9.1 13.7  
104 7.5 6.9 10.3



#74  
Fluoranthene  
Concen: 39.35 ng  
RT: 19.606 min Scan# 2854  
Delta R.T. 0.003 min  
Lab File: BG023004.D  
Acq: 11 Jul 2016 17:18

Tgt Ion:202 Resp: 1797647  
Ion Ratio Lower Upper  
202 100  
101 8.7 0.0 27.4  
203 20.5 1.7 41.7





#75

Chrysene-d12

Concen: 20.00 ng

RT: 21.862 min Scan# 32

Delta R.T. 0.014 min

Lab File: BG023004.D

Acq: 11 Jul 2016 17:18

Instrument :

BNA\_G

ClientSampleId :

SSTDCCC040

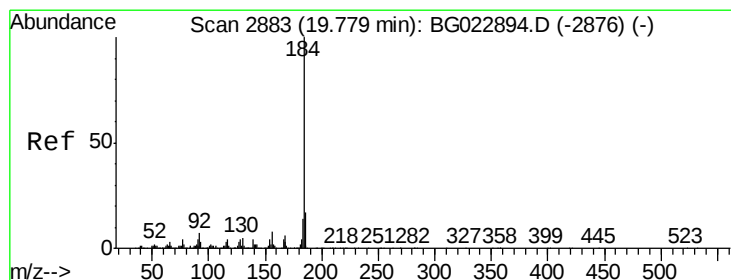
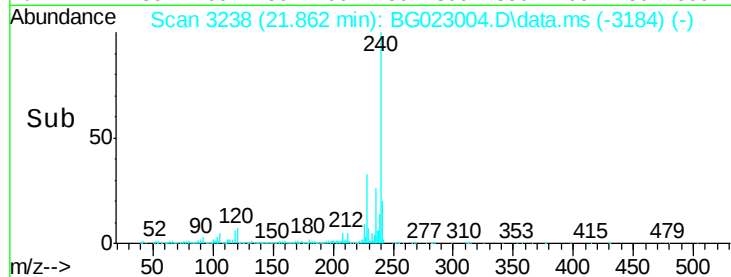
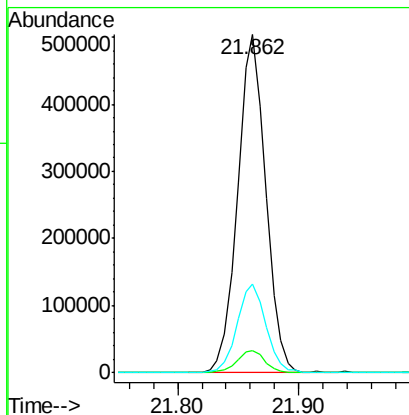
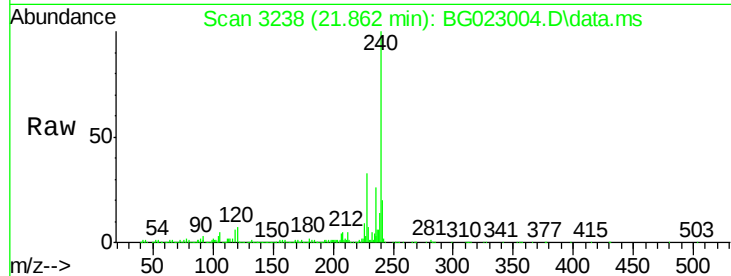
Tot Ion:240 Resp: 816537

Ion Ratio Lower Upper

240 100

120 6.5 4.1 6.1#

236 26.1 21.1 31.7



#76

Benzidine

Concen: 60.12 ng

RT: 19.782 min Scan# 2884

Delta R.T. 0.003 min

Lab File: BG023004.D

Acq: 11 Jul 2016 17:18

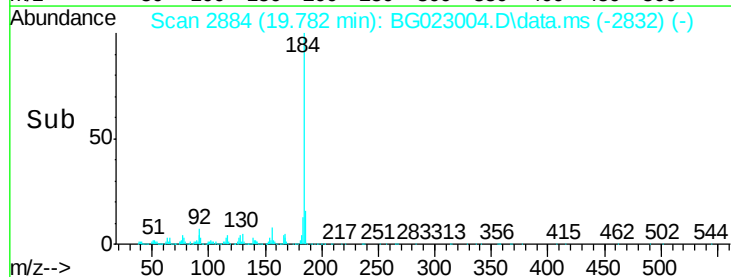
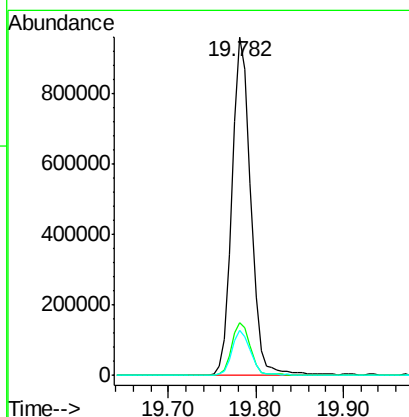
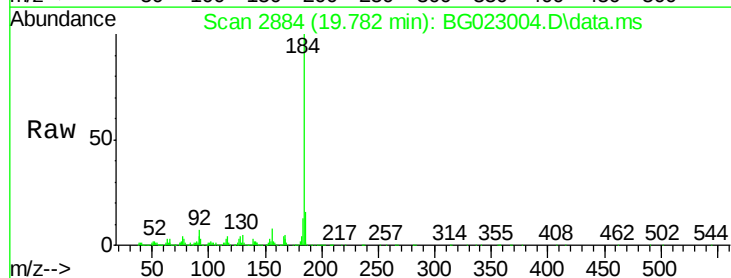
Tgt Ion:184 Resp: 1407444

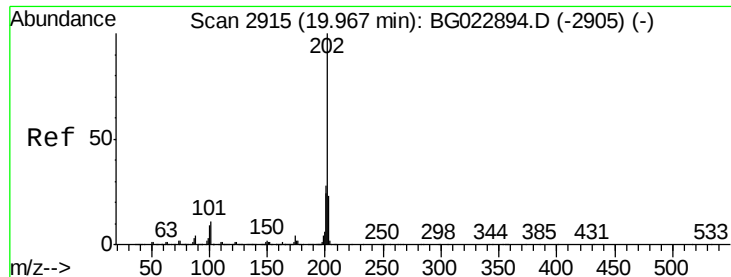
Ion Ratio Lower Upper

184 100

185 15.5 12.6 19.0

183 13.2 10.7 16.1





#77

Pvrene

Concen: 40.29 ng

RT: 19.970 min Scan# 2915

Delta R.T. 0.003 min

Lab File: BG023004.D

Acq: 11 Jul 2016 17:18

Instrument :

BNA\_G

ClientSampleId :

SSTDCCC040

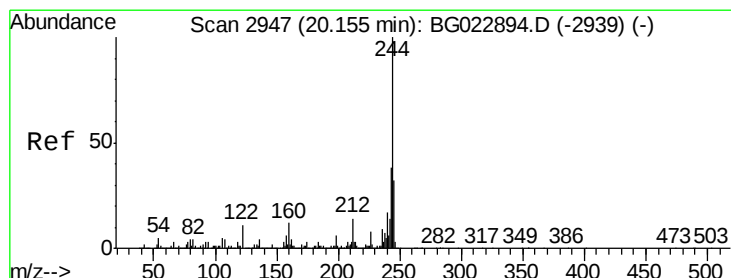
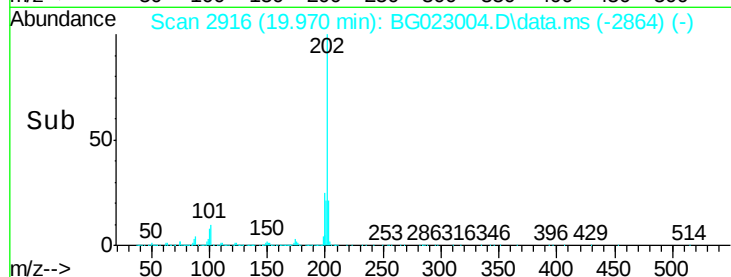
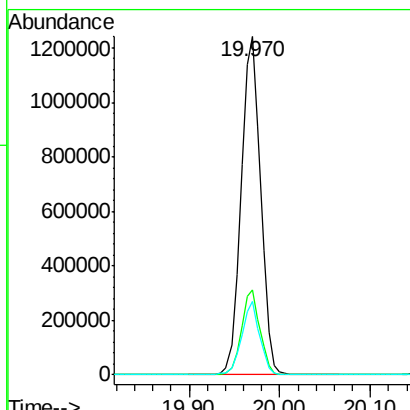
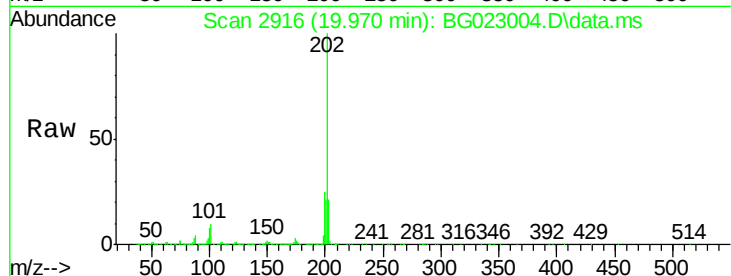
Tot Ion:202 Resp: 1848691

Ion Ratio Lower Upper

202 100

200 24.9 21.2 31.8

203 21.4 16.8 25.2



#78

Terphenyl-d14

Concen: 93.36 ng

RT: 20.158 min Scan# 2948

Delta R.T. 0.003 min

Lab File: BG023004.D

Acq: 11 Jul 2016 17:18

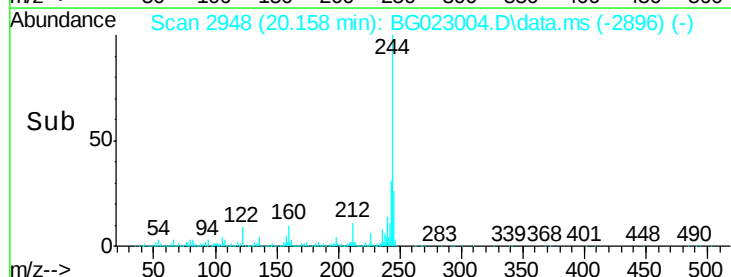
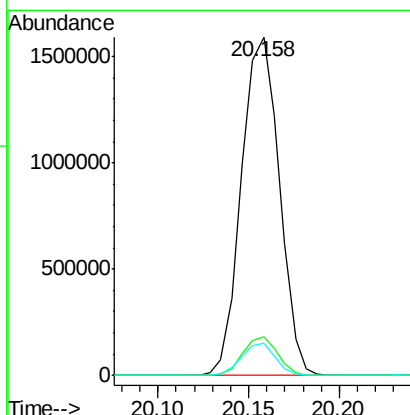
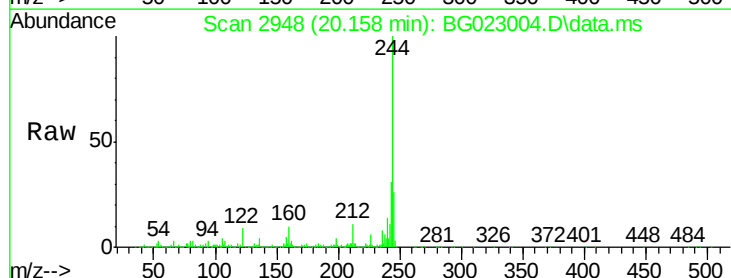
Tgt Ion:244 Resp: 2315448

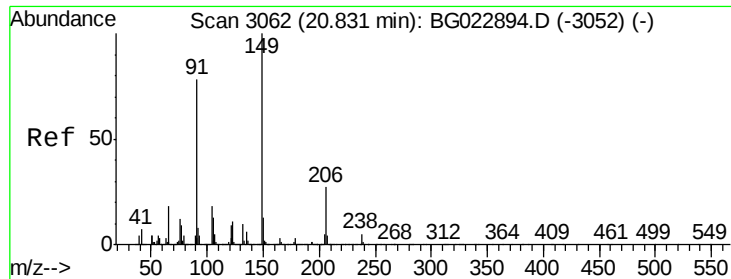
Ion Ratio Lower Upper

244 100

212 11.4 10.8 16.2

122 9.4 8.0 12.0





#79

Butylbenzylphthalate

Concen: 41.26 ng

RT: 20.840 min Scan# 30

Delta R.T. 0.009 min

Lab File: BG023004.D

Acq: 11 Jul 2016 17:18

Instrument :

BNA\_G

ClientSampleId :

SSTDCCC040

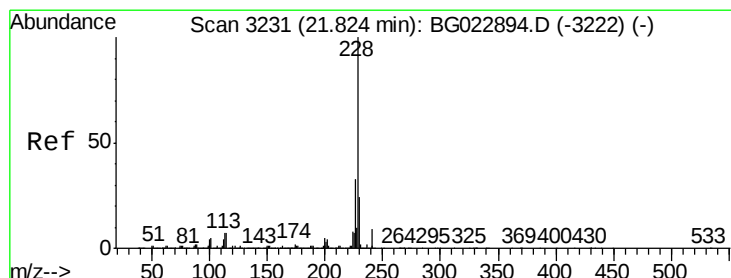
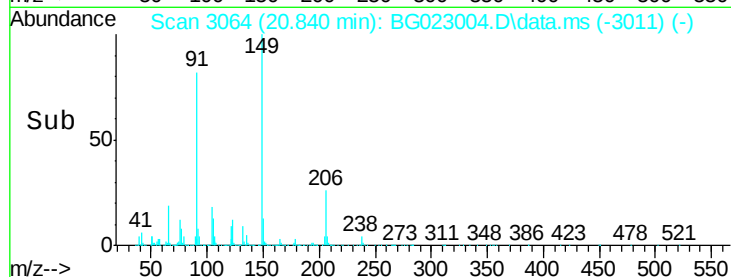
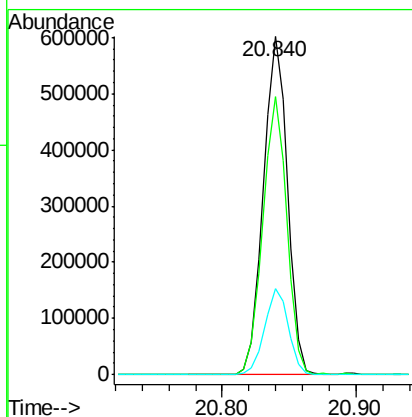
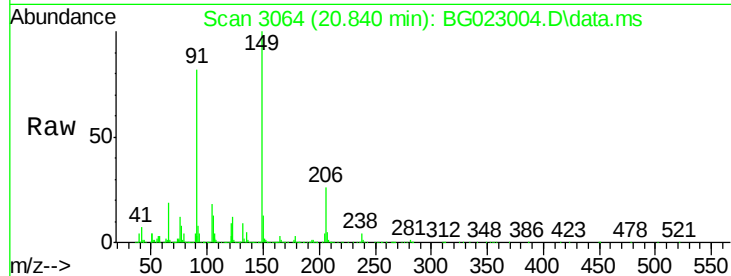
Tot Ion:149 Resp: 749932

Ion Ratio Lower Upper

149 100

91 82.2 68.1 102.1

206 25.5 19.8 29.6



#80

Benzo(a)anthracene

Concen: 41.00 ng

RT: 21.838 min Scan# 3234

Delta R.T. 0.014 min

Lab File: BG023004.D

Acq: 11 Jul 2016 17:18

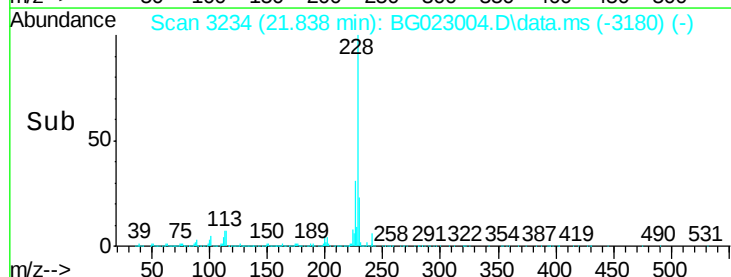
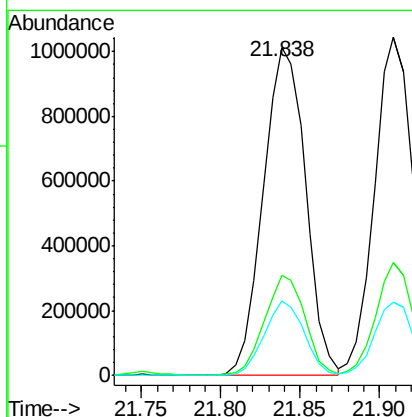
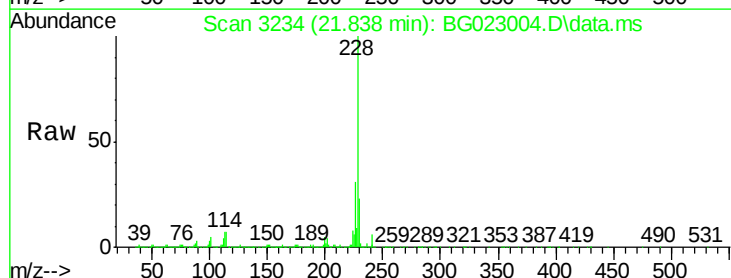
Tgt Ion:228 Resp: 1873137

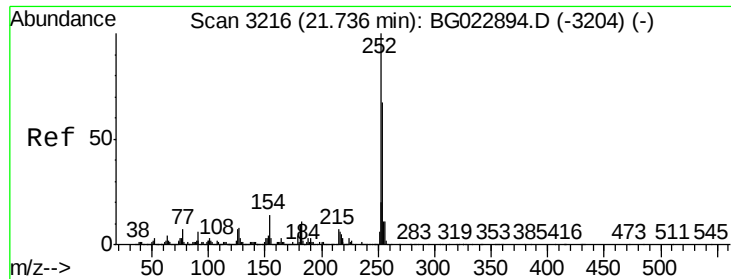
Ion Ratio Lower Upper

228 100

226 30.6 25.3 37.9

229 22.7 19.9 29.9

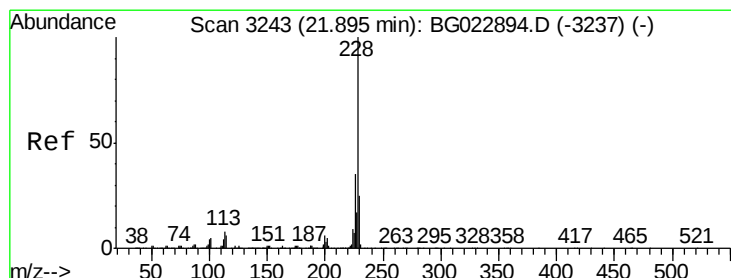
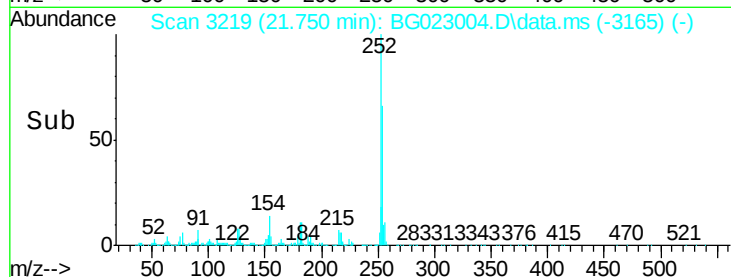
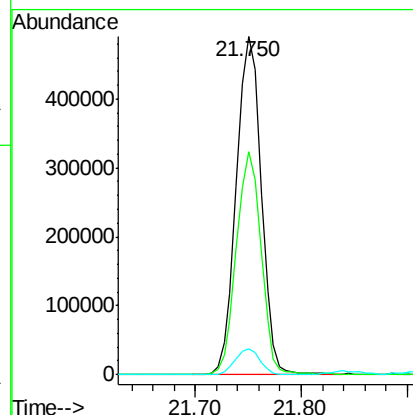
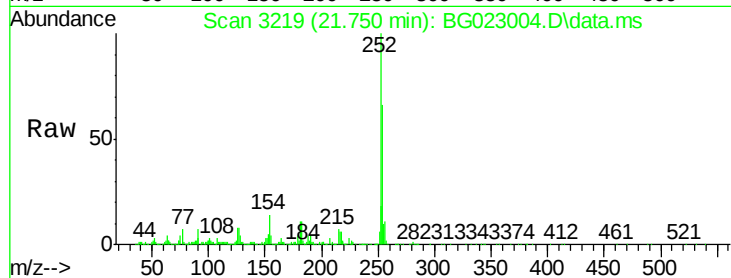




#81  
 3,3'-Dichlorobenzidine  
 Concen: 39.80 ng  
 RT: 21.750 min Scan# 3216  
 Delta R.T. 0.014 min  
 Lab File: BG023004.D  
 Acq: 11 Jul 2016 17:18

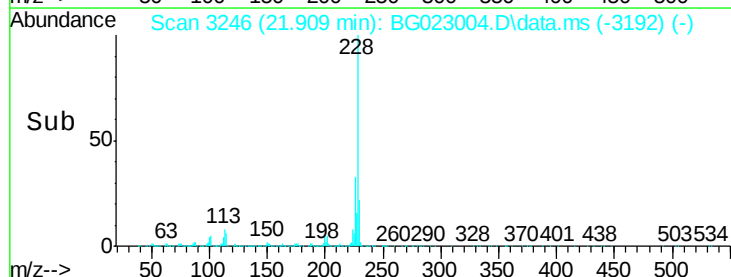
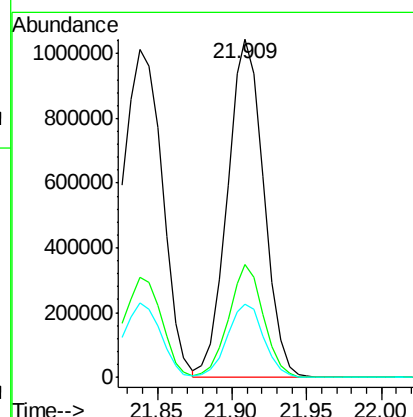
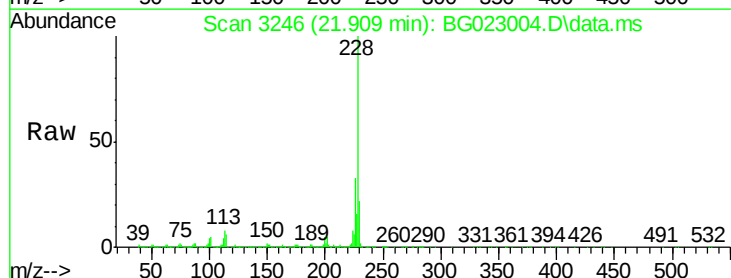
Instrument :  
 BNA\_G  
 ClientSampleId :  
 SSTDCCC040

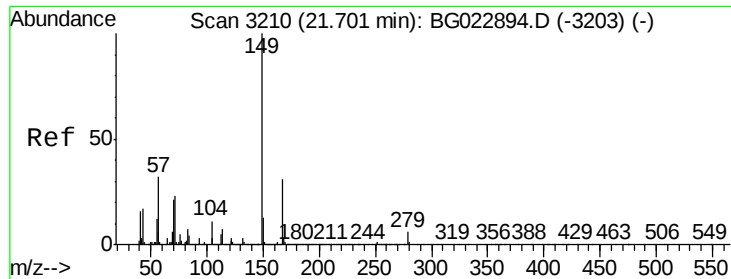
Tot Ion:252 Resp: 798008  
 Ion Ratio Lower Upper  
 252 100  
 254 65.9 51.2 76.8  
 126 7.7 5.3 7.9



#82  
 Chrysene  
 Concen: 41.36 ng  
 RT: 21.909 min Scan# 3246  
 Delta R.T. 0.014 min  
 Lab File: BG023004.D  
 Acq: 11 Jul 2016 17:18

Tgt Ion:228 Resp: 1772259  
 Ion Ratio Lower Upper  
 228 100  
 226 33.3 26.7 40.1  
 229 21.8 17.4 26.2





#83

Bis(2-ethylhexyl)phthalate

Concen: 41.37 ng

RT: 21.721 min Scan# 3210

Delta R.T. 0.020 min

Lab File: BG023004.D

Acq: 11 Jul 2016 17:18

Instrument :

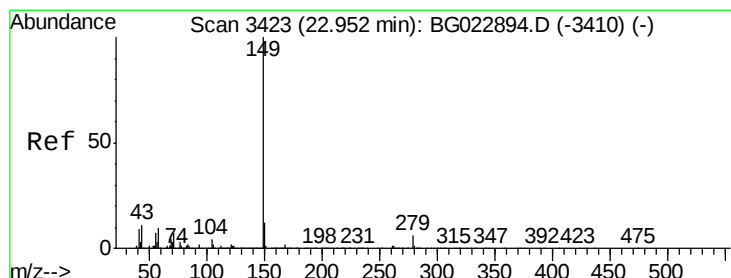
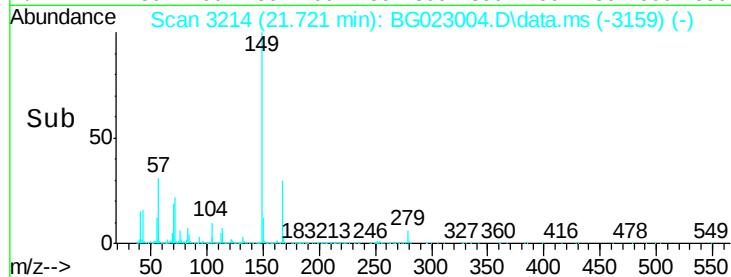
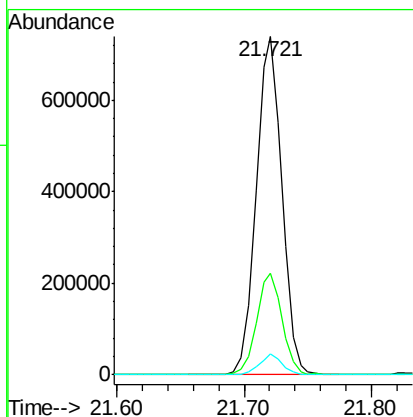
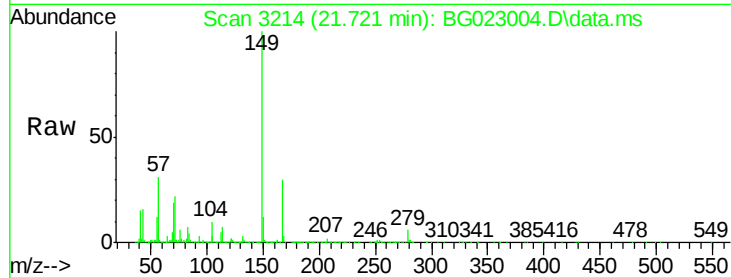
BNA\_G

ClientSampleId :

SSTDCCC040

Tot Ion:149 Resp: 1044110

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 149 | 100   |       |       |
| 167 | 30.0  | 24.0  | 36.0  |
| 279 | 6.0   | 4.8   | 7.2   |



#84

Di-n-octyl phthalate

Concen: 41.22 ng

RT: 22.984 min Scan# 3429

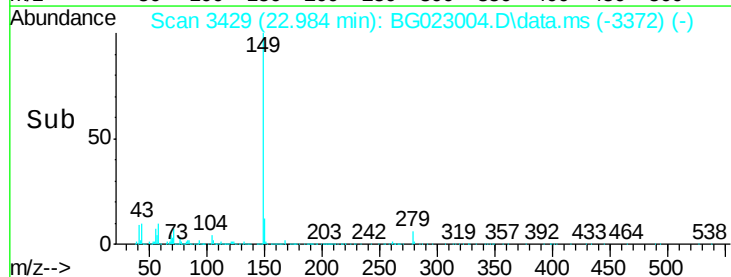
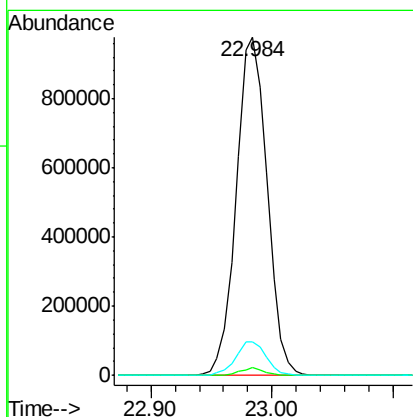
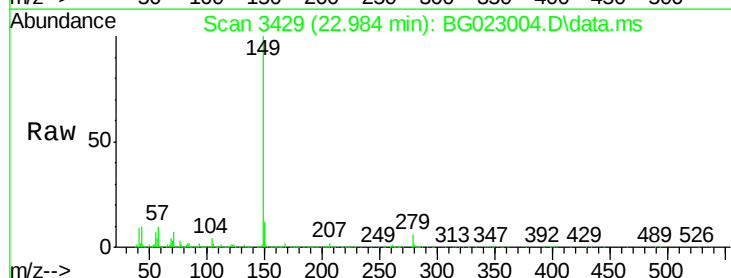
Delta R.T. 0.032 min

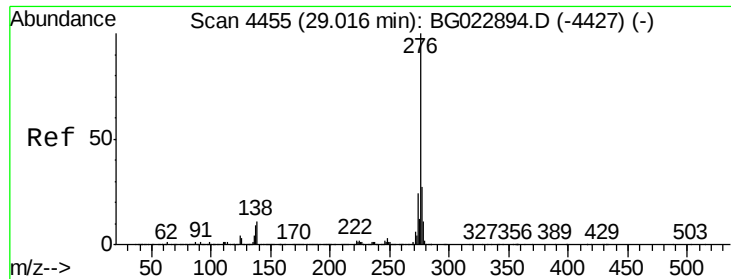
Lab File: BG023004.D

Acq: 11 Jul 2016 17:18

Tgt Ion:149 Resp: 1734719

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 149 | 100   |       |       |
| 167 | 1.8   | 1.5   | 2.3   |
| 43  | 9.9   | 8.8   | 13.2  |



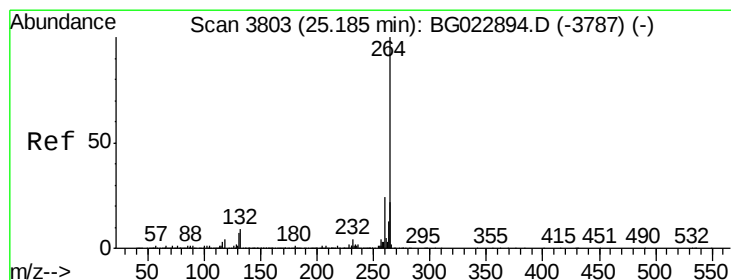
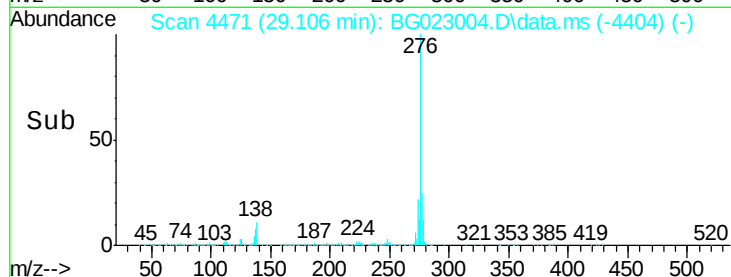
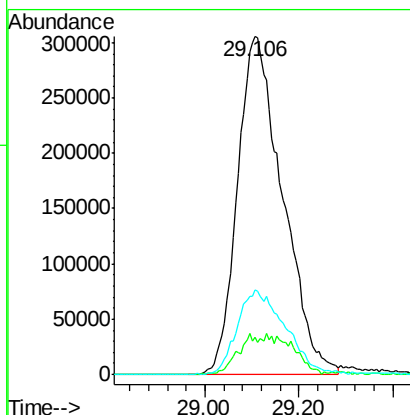
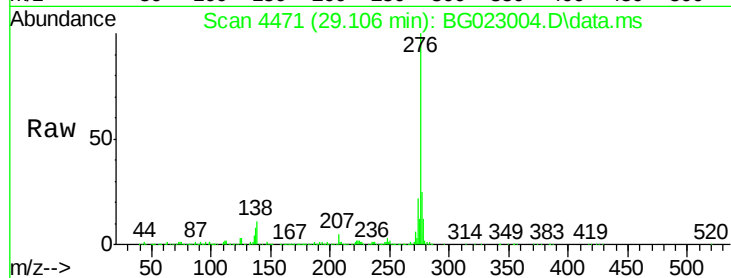


#85  
 Indeno(1,2,3-cd)pyrene  
 Concen: 37.20 ng  
 RT: 29.106 min Scan# 44  
 Delta R.T. 0.091 min  
 Lab File: BG023004.D  
 Acq: 11 Jul 2016 17:18

Instrument :  
 BNA\_G  
 ClientSampleId :  
 SSTDCCC040

Tot Ion:276 Resp: 2032688  

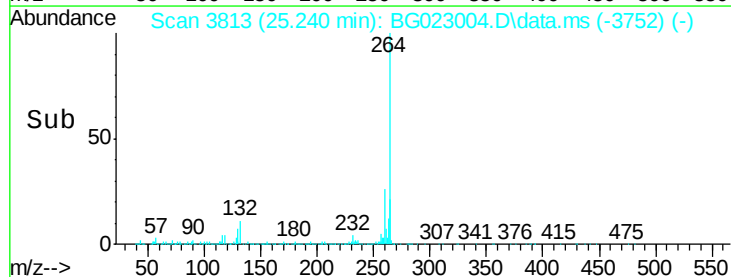
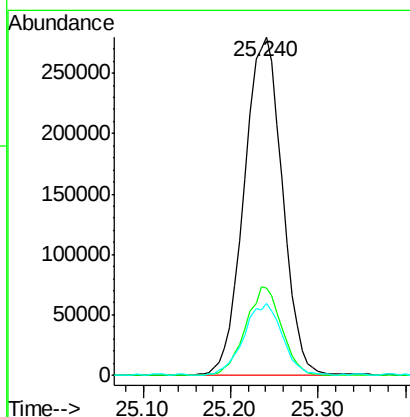
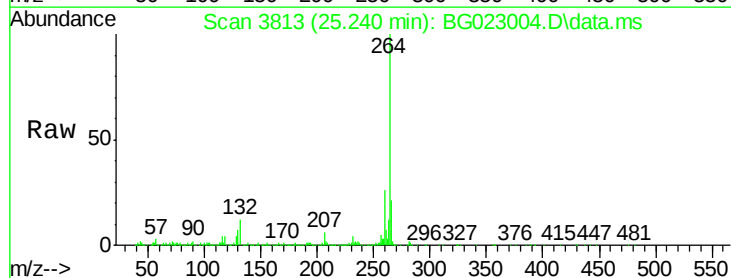
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 276 | 100   |       |       |
| 138 | 5.3   | 0.0   | 0.0#  |
| 277 | 26.4  | 0.0   | 0.0#  |

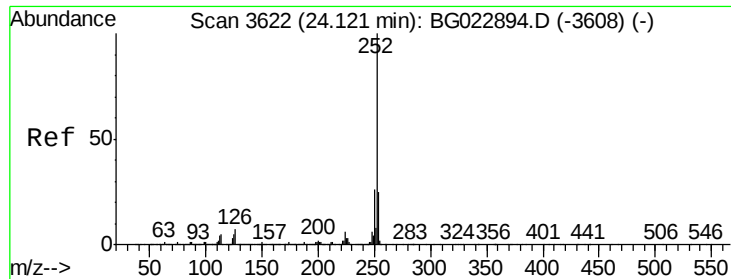


#86  
 Perylene-d12  
 Concen: 20.00 ng  
 RT: 25.240 min Scan# 3813  
 Delta R.T. 0.056 min  
 Lab File: BG023004.D  
 Acq: 11 Jul 2016 17:18

Tgt Ion:264 Resp: 829868  

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 264 | 100   |       |       |
| 260 | 25.9  | 18.4  | 27.6  |
| 265 | 21.2  | 18.9  | 28.3  |





#87

Benzo(b)fluoranthene

Concen: 40.41 ng

RT: 24.159 min Scan# 3629

Delta R.T. 0.038 min

Lab File: BG023004.D

Acq: 11 Jul 2016 17:18

Instrument :

BNA\_G

ClientSampleId :

SSTDCCC040

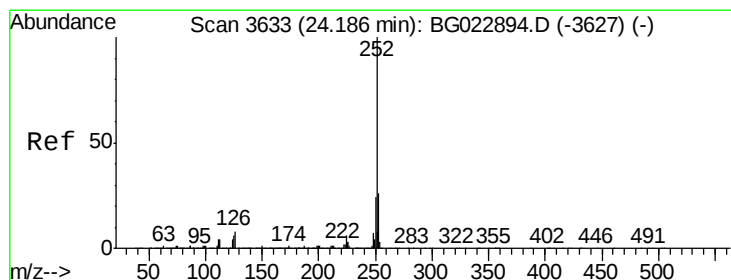
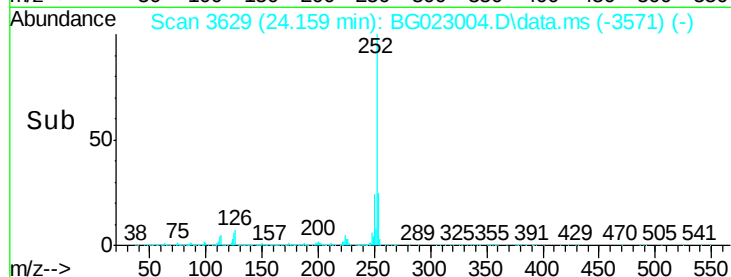
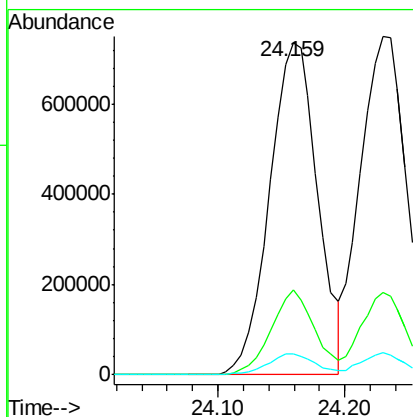
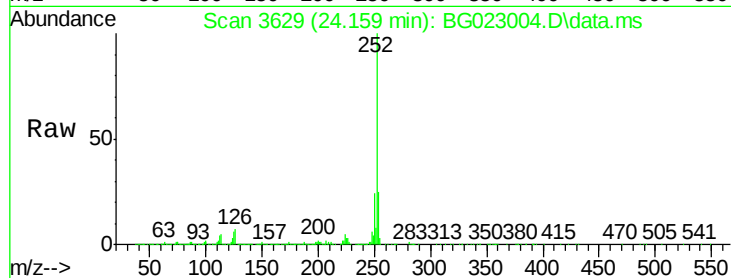
Tot Ion:252 Resp: 1934906

Ion Ratio Lower Upper

252 100

253 25.5 18.9 28.3

125 6.3 3.9 5.9#



#88

Benzo(k)fluoranthene

Concen: 41.79 ng

RT: 24.230 min Scan# 3641

Delta R.T. 0.044 min

Lab File: BG023004.D

Acq: 11 Jul 2016 17:18

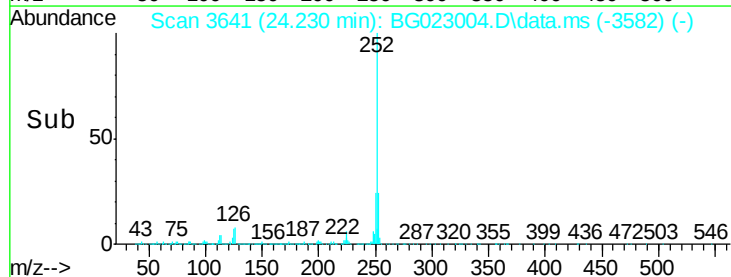
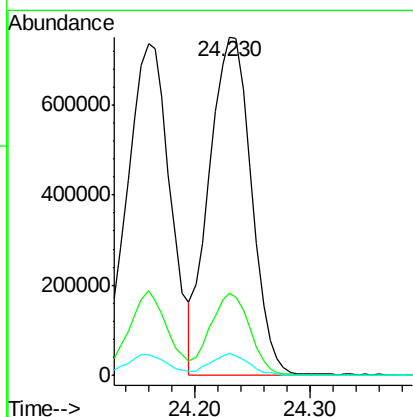
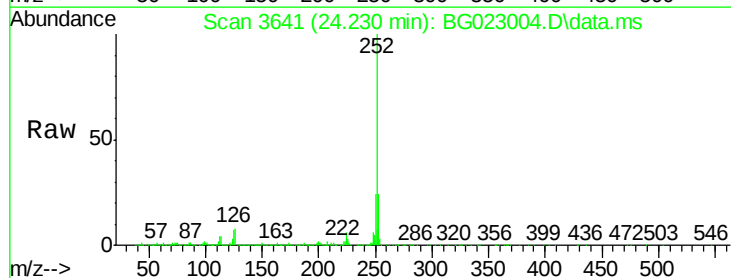
Tgt Ion:252 Resp: 1898631

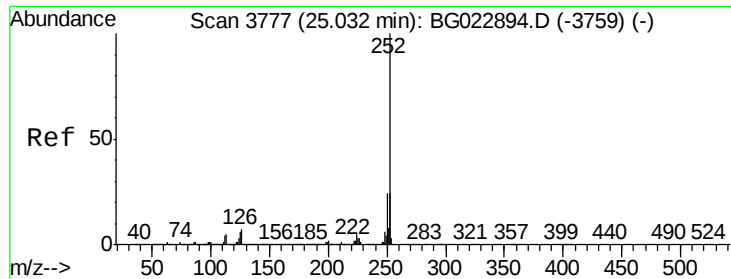
Ion Ratio Lower Upper

252 100

253 24.3 18.8 28.2

125 6.6 3.2 4.8#





#89

Benzo(a)pyrene

Concen: 40.32 ng

RT: 25.082 min Scan# 37

Delta R.T. 0.050 min

Lab File: BG023004.D

Acq: 11 Jul 2016 17:18

Instrument :

BNA\_G

ClientSampleId :

SSTDCCC040

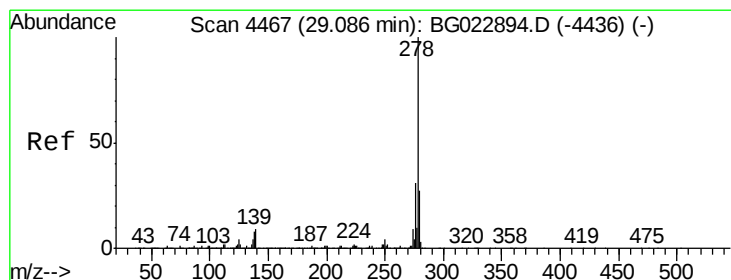
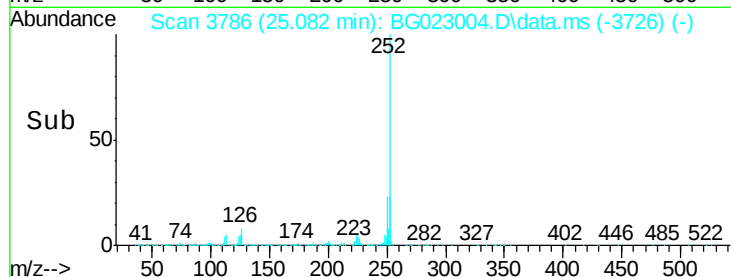
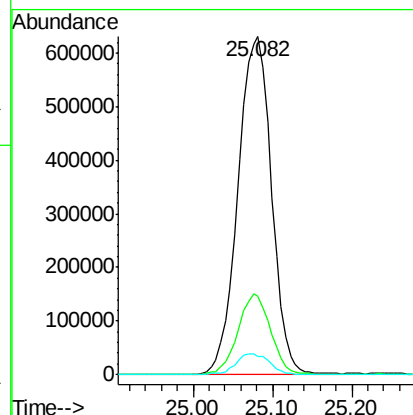
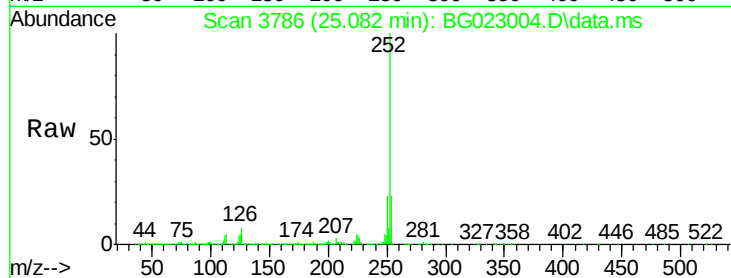
Tot Ion:252 Resp: 1850615

Ion Ratio Lower Upper

252 100

253 23.0 18.7 28.1

125 5.3 3.9 5.9



#90

Dibenzo(a,h)anthracene

Concen: 39.04 ng

RT: 29.177 min Scan# 4483

Delta R.T. 0.091 min

Lab File: BG023004.D

Acq: 11 Jul 2016 17:18

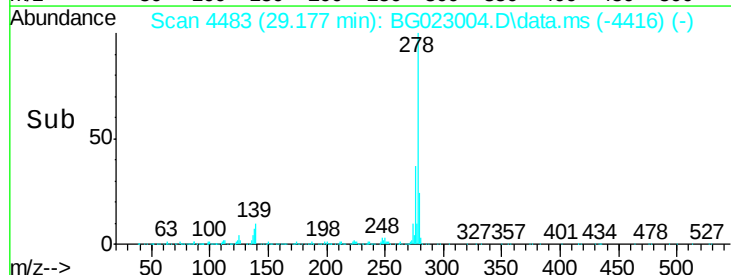
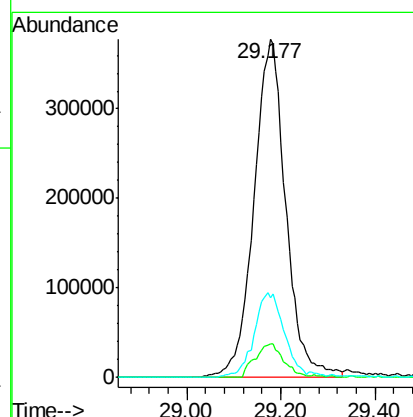
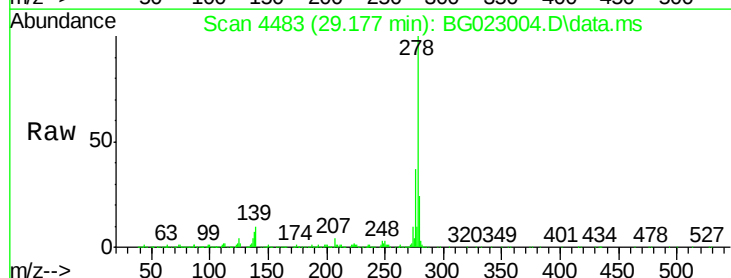
Tgt Ion:278 Resp: 1778152

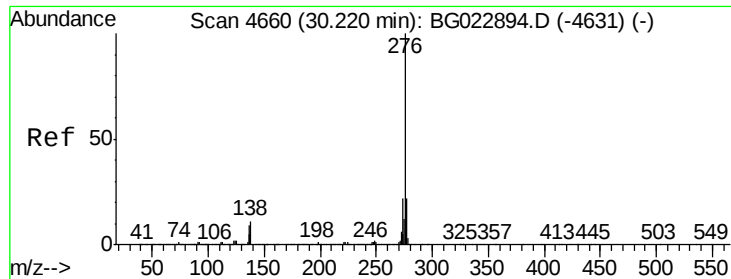
Ion Ratio Lower Upper

278 100

139 9.7 4.7 7.1#

279 23.6 18.3 27.5





#91

Benzo(a,h,i)perylene

Concen: 38.42 ng

RT: 30.323 min Scan# 46

Delta R.T. 0.103 min

Lab File: BG023004.D

Acq: 11 Jul 2016 17:18

Instrument :

BNA\_G

ClientSampleId :

SSTDCCC040

Tot Ion:276 Resp: 1752763

Ion Ratio Lower Upper

276 100

277 22.8 18.6 27.8

138 11.0 6.8 10.2#

