

Data Path : Z:\svoasrv\HPCHEM1\BNA\_G\Data\BG052822\  
 Data File : BG053750.D  
 Acq On : 28 May 2022 14:31  
 Operator : CG/JU  
 Sample : N3080-04MS  
 Misc :  
 ALS Vial : 5 Sample Multiplier: 1

Instrument :  
 BNA\_G  
 ClientSampleId :  
 WC-5MS

Quant Time: May 29 02:19:17 2022  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_G\Methods\8270-BG050522.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Sun May 29 02:17:06 2022  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc    | Units | Dev(Min) |
|-------------------------------|--------|------|----------|---------|-------|----------|
| -----                         |        |      |          |         |       |          |
| Internal Standards            |        |      |          |         |       |          |
| 1) 1,4-Dichlorobenzene-d4     | 7.946  | 152  | 33950    | 20.000  | ng    | 0.00     |
| 21) Naphthalene-d8            | 10.760 | 136  | 127290   | 20.000  | ng    | 0.00     |
| 39) Acenaphthene-d10          | 14.596 | 164  | 77939    | 20.000  | ng    | 0.00     |
| 64) Phenanthrene-d10          | 17.339 | 188  | 162475   | 20.000  | ng    | 0.00     |
| 76) Chrysene-d12              | 21.604 | 240  | 150215   | 20.000  | ng    | # 0.00   |
| 86) Perylene-d12              | 24.782 | 264  | 151555   | 20.000  | ng    | 0.00     |
| System Monitoring Compounds   |        |      |          |         |       |          |
| 5) 2-Fluorophenol             | 5.526  | 112  | 218985   | 109.469 | ng    | 0.00     |
| 7) Phenol-d6                  | 7.147  | 99   | 318343   | 104.857 | ng    | 0.00     |
| 23) Nitrobenzene-d5           | 9.115  | 82   | 197389   | 66.011  | ng    | 0.00     |
| 42) 2,4,6-Tribromophenol      | 16.094 | 330  | 129446   | 112.610 | ng    | 0.00     |
| 45) 2-Fluorobiphenyl          | 13.215 | 172  | 396052   | 74.256  | ng    | 0.00     |
| 79) Terphenyl-d14             | 19.953 | 244  | 680664   | 84.393  | ng    | 0.00     |
| Target Compounds              |        |      |          |         |       |          |
|                               |        |      |          |         |       | Qvalue   |
| 2) 1,4-Dioxane                | 3.341  | 88   | 35030    | 33.375  | ng    | 98       |
| 3) Pyridine                   | 3.752  | 79   | 93335    | 36.412  | ng    | 93       |
| 4) n-Nitrosodimethylamine     | 3.670  | 42   | 49913    | 39.974  | ng    | # 81     |
| 6) Aniline                    | 7.271  | 93   | 147572   | 43.887  | ng    | 97       |
| 8) 2-Chlorophenol             | 7.523  | 128  | 113600   | 54.321  | ng    | 98       |
| 9) Benzaldehyde               | 7.077  | 77   | 81541    | 42.278  | ng    | 94       |
| 10) Phenol                    | 7.177  | 94   | 147717   | 49.749  | ng    | 97       |
| 11) bis(2-Chloroethyl)ether   | 7.359  | 93   | 97276    | 43.927  | ng    | 98       |
| 12) 1,3-Dichlorobenzene       | 7.834  | 146  | 123721   | 50.149  | ng    | 97       |
| 13) 1,4-Dichlorobenzene       | 7.981  | 146  | 112469   | 45.176  | ng    | 99       |
| 14) 1,2-Dichlorobenzene       | 8.299  | 146  | 103684   | 44.351  | ng    | 97       |
| 15) Benzyl Alcohol            | 8.199  | 79   | 109719   | 43.227  | ng    | 100      |
| 16) 2,2'-oxybis(1-Chloropr... | 8.475  | 45   | 164401   | 45.614  | ng    | 96       |
| 17) 2-Methylphenol            | 8.422  | 107  | 94350    | 47.013  | ng    | 94       |
| 18) Hexachloroethane          | 9.027  | 117  | 37694    | 39.871  | ng    | 97       |
| 19) n-Nitroso-di-n-propyla... | 8.757  | 70   | 103700   | 47.607  | ng    | 95       |
| 20) 3+4-Methylphenols         | 8.757  | 107  | 143098   | 50.487  | ng    | # 86     |
| 22) Acetophenone              | 8.774  | 105  | 187900   | 53.936  | ng    | # 97     |
| 24) Nitrobenzene              | 9.162  | 77   | 137902   | 47.648  | ng    | 97       |
| 25) Isophorone                | 9.679  | 82   | 233101   | 46.320  | ng    | 97       |
| 26) 2-Nitrophenol             | 9.879  | 139  | 53790    | 45.888  | ng    | 89       |
| 27) 2,4-Dimethylphenol        | 9.949  | 122  | 114225   | 64.751  | ng    | 96       |
| 28) bis(2-Chloroethoxy)met... | 10.161 | 93   | 152791   | 52.790  | ng    | # 98     |
| 29) 2,4-Dichlorophenol        | 10.431 | 162  | 110346   | 51.828  | ng    | 92       |
| 30) 1,2,4-Trichlorobenzene    | 10.619 | 180  | 106023   | 43.829  | ng    | 99       |
| 31) Naphthalene               | 10.807 | 128  | 290313   | 44.837  | ng    | 100      |
| 32) Benzoic acid              | 10.161 | 122  | 41437    | 39.420  | ng    | # 86     |
| 33) 4-Chloroaniline           | 10.924 | 127  | 112994   | 41.670  | ng    | 99       |
| 34) Hexachlorobutadiene       | 11.095 | 225  | 72843    | 40.609  | ng    | 98       |
| 35) Caprolactam               | 11.712 | 113  | 11716    | 15.143  | ng    | # 87     |
| 36) 4-Chloro-3-methylphenol   | 12.076 | 107  | 95866    | 37.643  | ng    | 98       |
| 37) 2-Methylnaphthalene       | 12.417 | 142  | 171319   | 35.454  | ng    | 98       |
| 38) 1-Methylnaphthalene       | 12.640 | 142  | 167359   | 35.499  | ng    | 97       |
| 40) 1,2,4,5-Tetrachloroben... | 12.792 | 216  | 116662   | 47.486  | ng    | 99       |
| 41) Hexachlorocyclopentadiene | 12.769 | 237  | 84148    | 83.638  | ng    | 98       |
| 43) 2,4,6-Trichlorophenol     | 13.039 | 196  | 78802    | 49.140  | ng    | 98       |

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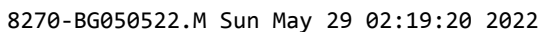
Instrument :  
 BNA\_G  
 ClientSampleId :  
 WC-5MS

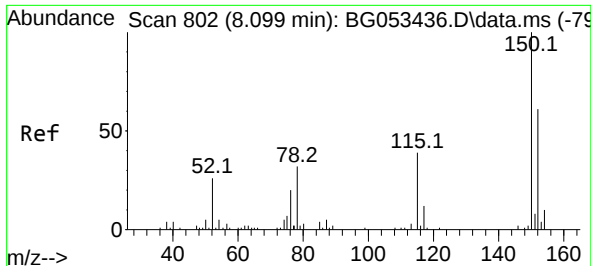
Quant Time: May 29 02:19:17 2022  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_G\Methods\8270-BG050522.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Sun May 29 02:17:06 2022  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc   | Units | Dev(Min) |
|-------------------------------|--------|------|----------|--------|-------|----------|
| 44) 2,4,5-Trichlorophenol     | 13.127 | 196  | 80294    | 47.045 | ng    | 99       |
| 46) 1,1'-Biphenyl             | 13.427 | 154  | 252032   | 47.440 | ng    | 98       |
| 47) 2-Chloronaphthalene       | 13.474 | 162  | 188657   | 45.325 | ng    | 100      |
| 48) 2-Nitroaniline            | 13.680 | 65   | 74333    | 47.927 | ng    | 97       |
| 49) Acenaphthylene            | 14.320 | 152  | 310231   | 46.708 | ng    | 99       |
| 50) Dimethylphthalate         | 14.050 | 163  | 263073   | 44.418 | ng    | 99       |
| 51) 2,6-Dinitrotoluene        | 14.173 | 165  | 57347    | 47.527 | ng    | 97       |
| 52) Acenaphthene              | 14.655 | 154  | 179593   | 45.372 | ng    | 99       |
| 53) 3-Nitroaniline            | 14.514 | 138  | 47347    | 36.316 | ng    | 97       |
| 54) 2,4-Dinitrophenol         | 14.731 | 184  | 59853    | 78.289 | ng    | 94       |
| 55) Dibenzofuran              | 14.995 | 168  | 274114   | 38.554 | ng    | 99       |
| 56) 4-Nitrophenol             | 14.866 | 139  | 66444    | 71.353 | ng    | # 80     |
| 57) 2,4-Dinitrotoluene        | 14.966 | 165  | 71028    | 40.610 | ng    | # 89     |
| 58) Fluorene                  | 15.642 | 166  | 225636   | 39.547 | ng    | 98       |
| 59) 2,3,4,6-Tetrachlorophenol | 15.236 | 232  | 65894    | 38.052 | ng    | 99       |
| 60) Diethylphthalate          | 15.407 | 149  | 233370   | 38.145 | ng    | 98       |
| 61) 4-Chlorophenyl-phenyle... | 15.630 | 204  | 127850   | 40.157 | ng    | 98       |
| 62) 4-Nitroaniline            | 15.677 | 138  | 51434    | 38.036 | ng    | 95       |
| 63) Azobenzene                | 15.924 | 77   | 232097   | 37.048 | ng    | 99       |
| 65) 4,6-Dinitro-2-methylph... | 15.741 | 198  | 44736    | 46.208 | ng    | 97       |
| 66) n-Nitrosodiphenylamine    | 15.847 | 169  | 200649   | 47.036 | ng    | 99       |
| 67) 4-Bromophenyl-phenylether | 16.523 | 248  | 96901    | 51.067 | ng    | 97       |
| 68) Hexachlorobenzene         | 16.652 | 284  | 106604   | 51.298 | ng    | 97       |
| 69) Atrazine                  | 16.799 | 200  | 87959    | 48.980 | ng    | 99       |
| 70) Pentachlorophenol         | 17.010 | 266  | 88622    | 79.234 | ng    | 94       |
| 71) Phenanthrene              | 17.386 | 178  | 383654   | 46.439 | ng    | 97       |
| 72) Anthracene                | 17.474 | 178  | 384344   | 47.331 | ng    | 100      |
| 73) Carbazole                 | 17.750 | 167  | 341436   | 42.902 | ng    | 99       |
| 74) Di-n-butylphthalate       | 18.291 | 149  | 392352   | 43.835 | ng    | 100      |
| 75) Fluoranthene              | 19.395 | 202  | 474738   | 44.380 | ng    | 98       |
| 77) Benzidine                 | 19.572 | 184  | 251039   | 77.536 | ng    | 99       |
| 78) Pyrene                    | 19.759 | 202  | 502490   | 51.674 | ng    | 99       |
| 80) Butylbenzylphthalate      | 20.635 | 149  | 159108   | 44.621 | ng    | 97       |
| 81) Benzo(a)anthracene        | 21.586 | 228  | 449307   | 46.896 | ng    | 100      |
| 82) 3,3'-Dichlorobenzidine    | 21.498 | 252  | 120809   | 49.723 | ng    | 94       |
| 83) Chrysene                  | 21.651 | 228  | 410694   | 45.896 | ng    | 98       |
| 84) Bis(2-ethylhexyl)phtha... | 21.481 | 149  | 224226   | 45.559 | ng    | 98       |
| 85) Di-n-octyl phthalate      | 22.661 | 149  | 375826   | 45.158 | ng    | 99       |
| 87) Indeno(1,2,3-cd)pyrene    | 28.430 | 276  | 486857   | 46.124 | ng    | # 96     |
| 88) Benzo(b)fluoranthene      | 23.778 | 252  | 447678   | 49.904 | ng    | 98       |
| 89) Benzo(k)fluoranthene      | 23.842 | 252  | 424487   | 48.154 | ng    | 97       |
| 90) Benzo(a)pyrene            | 24.635 | 252  | 421398   | 55.190 | ng    | 100      |
| 91) Dibenzo(a,h)anthracene    | 28.483 | 278  | 425932   | 48.971 | ng    | 96       |
| 92) Benzo(g,h,i)perylene      | 29.564 | 276  | 419059   | 48.606 | ng    | 94       |

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

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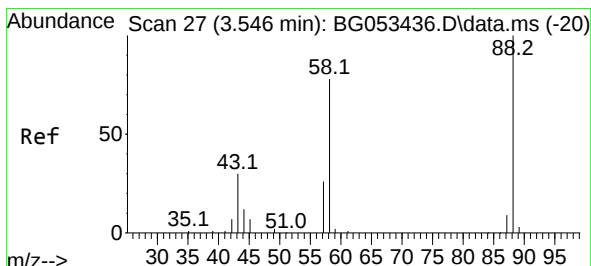
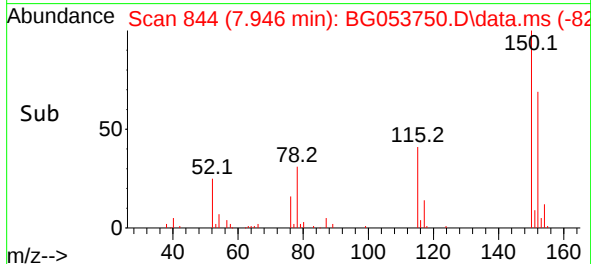
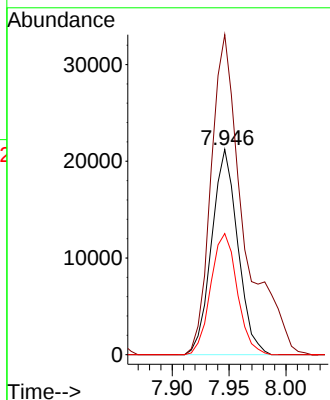
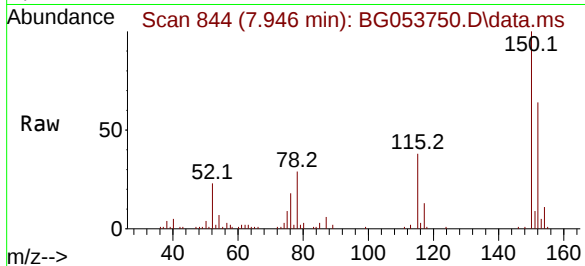




#1  
 1,4-Dichlorobenzene-d4  
 Concen: 20.000 ng  
 RT: 7.946 min Scan# 84  
 Delta R.T. -0.005 min  
 Lab File: BG053750.D  
 Acq: 28 May 2022 14:31

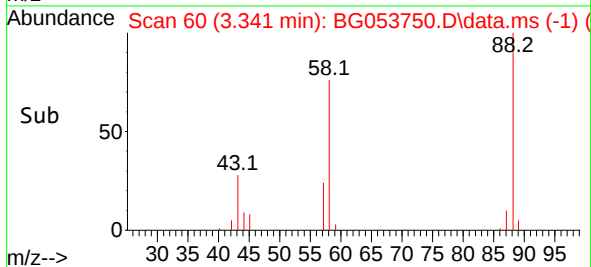
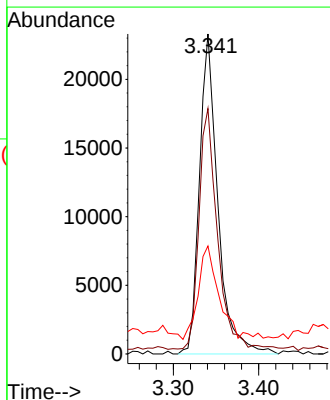
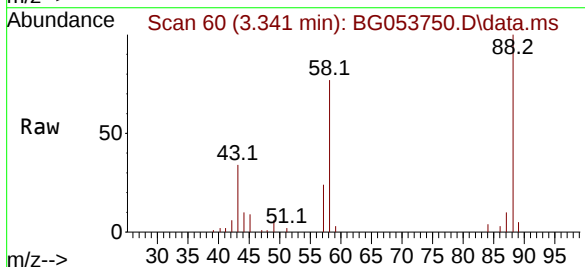
Instrument :  
 BNA\_G  
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 WC-5MS

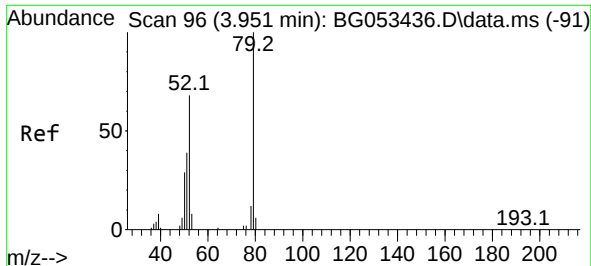
Tgt Ion:152 Resp: 33950  
 Ion Ratio Lower Upper  
 152 100  
 150 155.9 131.6 197.4  
 115 59.0 50.9 76.3



#2  
 1,4-Dioxane  
 Concen: 33.375 ng  
 RT: 3.341 min Scan# 60  
 Delta R.T. 0.001 min  
 Lab File: BG053750.D  
 Acq: 28 May 2022 14:31

Tgt Ion: 88 Resp: 35030  
 Ion Ratio Lower Upper  
 88 100  
 58 74.9 59.2 88.8  
 43 32.9 24.3 36.5





#3

Pyridine

Concen: 36.412 ng

RT: 3.752 min Scan# 11

Delta R.T. -0.005 min

Lab File: BG053750.D

Acq: 28 May 2022 14:31

Instrument :

BNA\_G

ClientSampleId :

WC-5MS

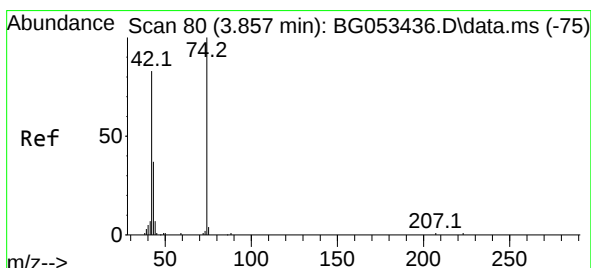
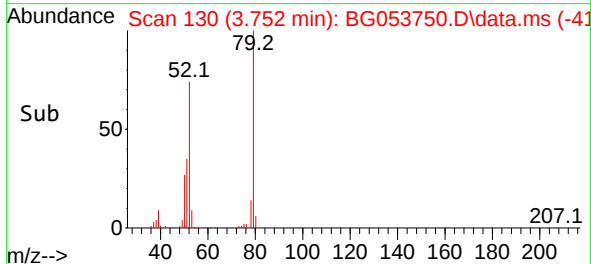
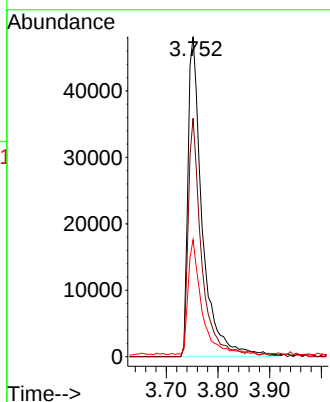
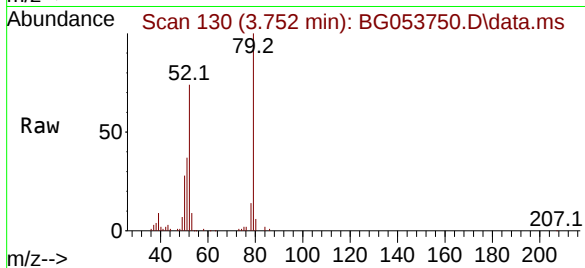
Tgt Ion: 79 Resp: 93335

Ion Ratio Lower Upper

79 100

52 74.5 54.6 81.8

51 36.6 32.5 48.7



#4

n-Nitrosodimethylamine

Concen: 39.974 ng

RT: 3.670 min Scan# 116

Delta R.T. 0.001 min

Lab File: BG053750.D

Acq: 28 May 2022 14:31

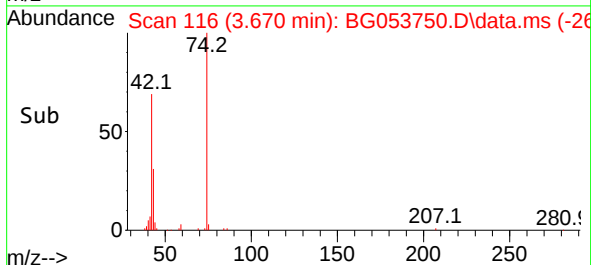
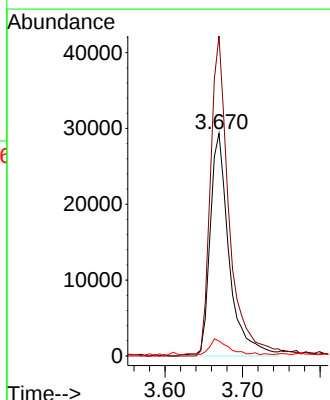
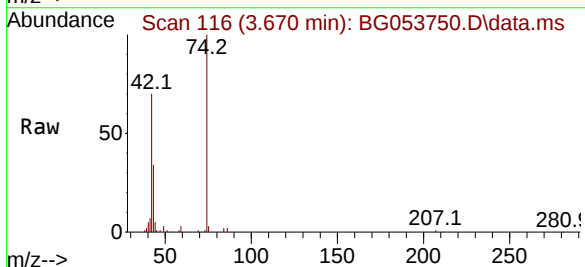
Tgt Ion: 42 Resp: 49913

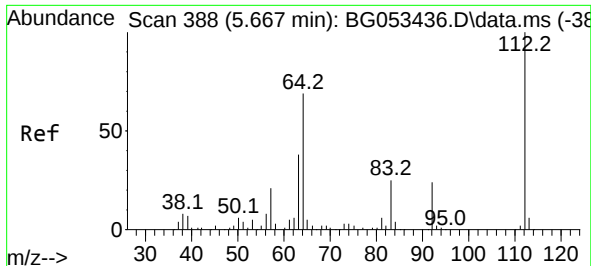
Ion Ratio Lower Upper

42 100

74 143.8 97.0 145.4

44 6.8 7.0 10.4

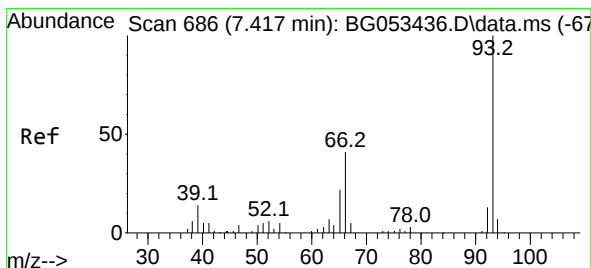
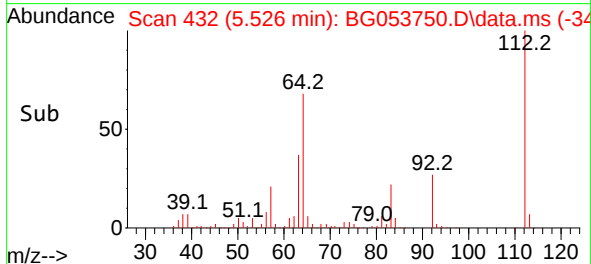
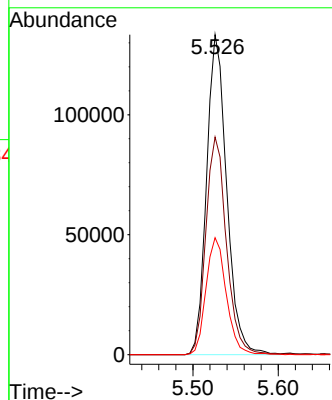
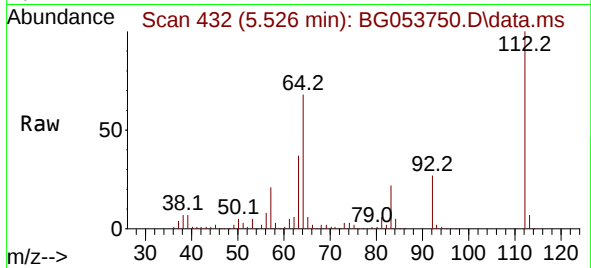




#5  
2-Fluorophenol  
Concen: 109.469 ng  
RT: 5.526 min Scan# 41  
Delta R.T. 0.001 min  
Lab File: BG053750.D  
Acq: 28 May 2022 14:31

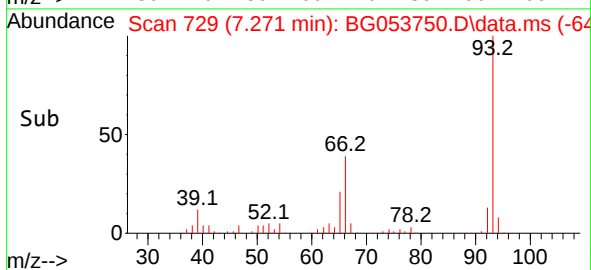
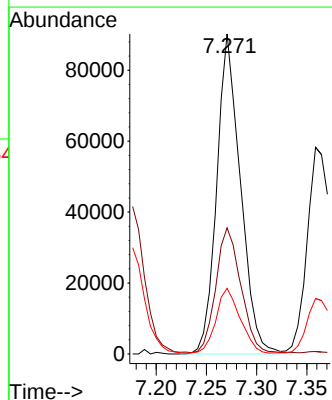
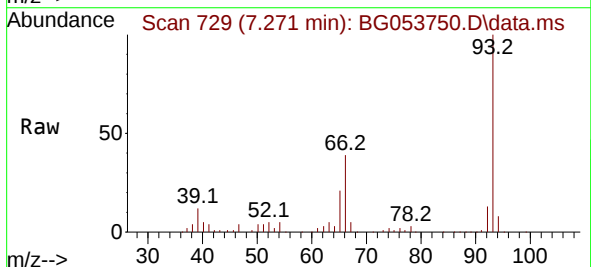
Instrument :  
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Tgt Ion:112 Resp: 218985  
Ion Ratio Lower Upper  
112 100  
64 68.0 55.1 82.7  
63 36.6 30.4 45.6



#6  
Aniline  
Concen: 43.887 ng  
RT: 7.271 min Scan# 729  
Delta R.T. -0.005 min  
Lab File: BG053750.D  
Acq: 28 May 2022 14:31

Tgt Ion: 93 Resp: 147572  
Ion Ratio Lower Upper  
93 100  
66 39.4 32.9 49.3  
65 20.5 17.8 26.8

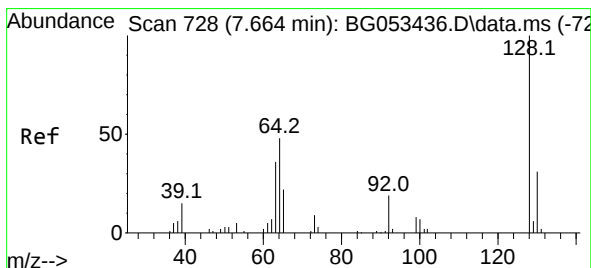
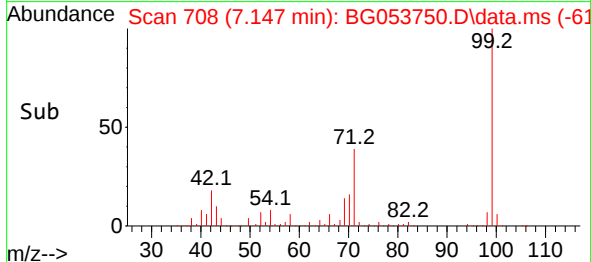
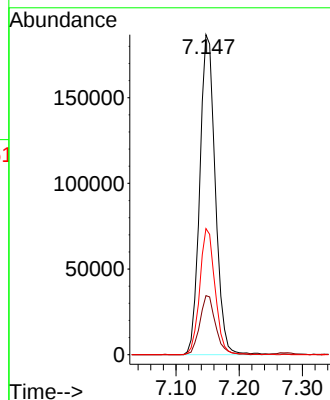
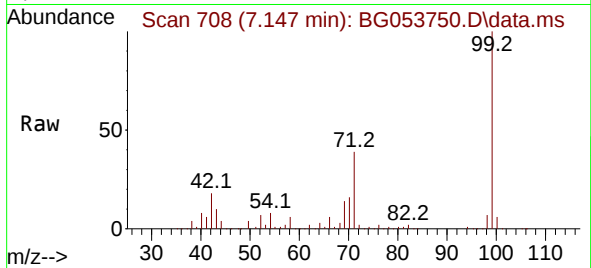




#7  
Phenol-d6  
Concen: 104.857 ng  
RT: 7.147 min Scan# 708  
Delta R.T. -0.005 min  
Lab File: BG053750.D  
Acq: 28 May 2022 14:31

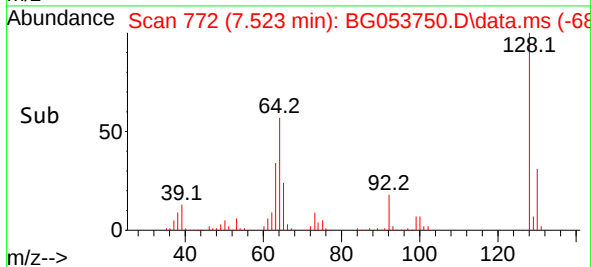
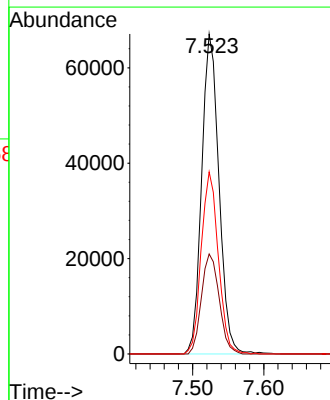
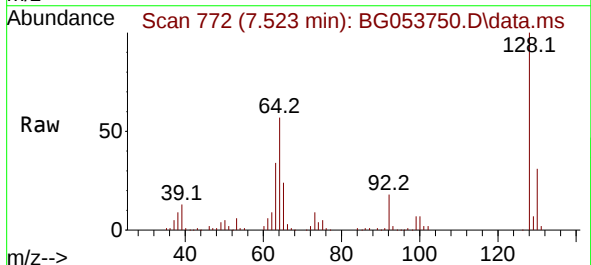
Instrument :  
BNA\_G  
ClientSampleId :  
WC-5MS

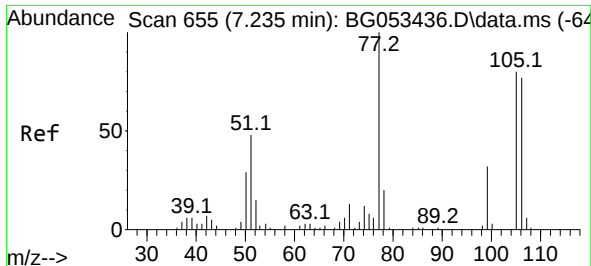
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Ion Ratio Lower Upper  
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42 18.4 17.0 25.6  
71 39.4 33.8 50.8



#8  
2-Chlorophenol  
Concen: 54.321 ng  
RT: 7.523 min Scan# 772  
Delta R.T. 0.001 min  
Lab File: BG053750.D  
Acq: 28 May 2022 14:31

Tgt Ion: 128 Resp: 113600  
Ion Ratio Lower Upper  
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130 31.3 10.5 50.5  
64 56.9 35.1 75.1

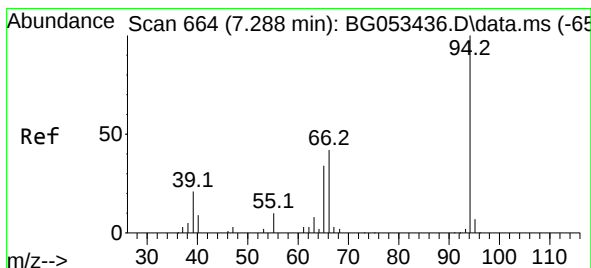
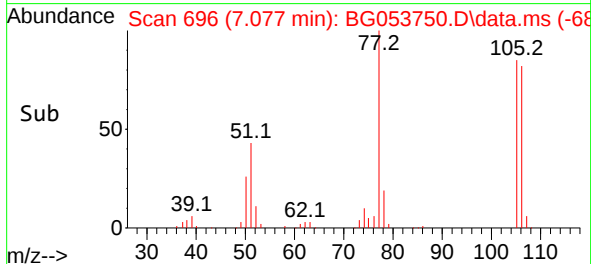
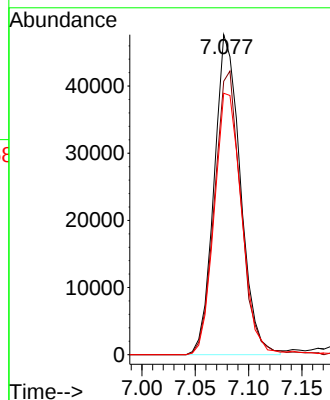
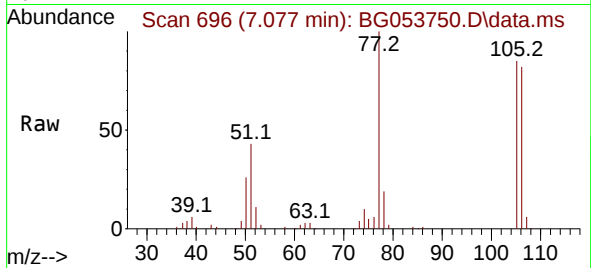




#9  
Benzaldehyde  
Concen: 42.278 ng  
RT: 7.077 min Scan# 611  
Delta R.T. -0.005 min  
Lab File: BG053750.D  
Acq: 28 May 2022 14:31

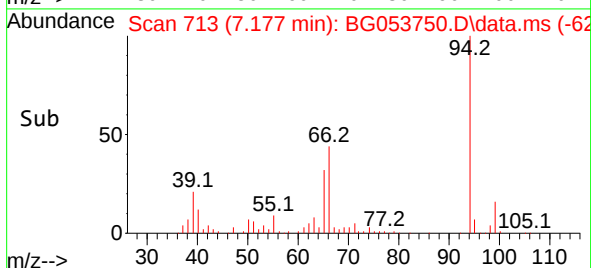
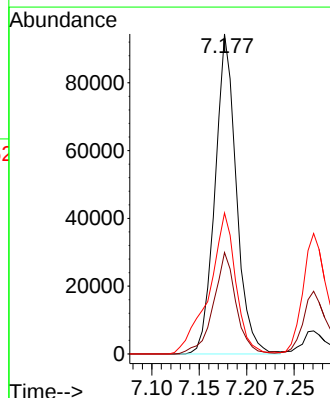
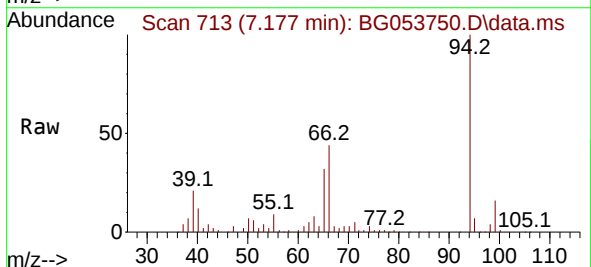
Instrument :  
BNA\_G  
ClientSampleId :  
WC-5MS

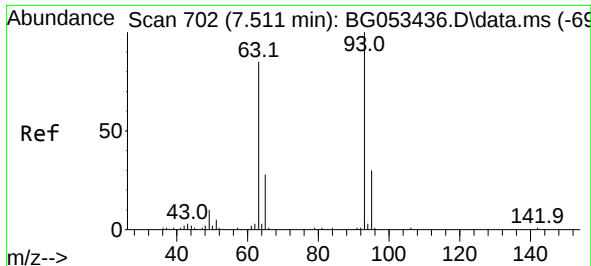
Tgt Ion: 77 Resp: 81541  
Ion Ratio Lower Upper  
77 100  
105 85.5 59.6 99.6  
106 81.7 56.8 96.8



#10  
Phenol  
Concen: 49.749 ng  
RT: 7.177 min Scan# 713  
Delta R.T. 0.001 min  
Lab File: BG053750.D  
Acq: 28 May 2022 14:31

Tgt Ion: 94 Resp: 147717  
Ion Ratio Lower Upper  
94 100  
65 31.7 14.8 54.8  
66 44.1 25.2 65.2

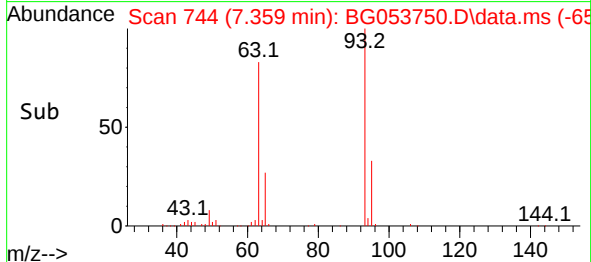
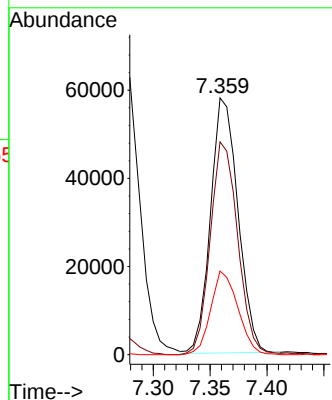
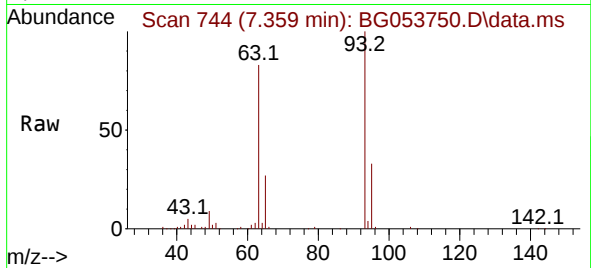




#11  
bis(2-Chloroethyl)ether  
Concen: 43.927 ng  
RT: 7.359 min Scan# 744  
Delta R.T. -0.005 min  
Lab File: BG053750.D  
Acq: 28 May 2022 14:31

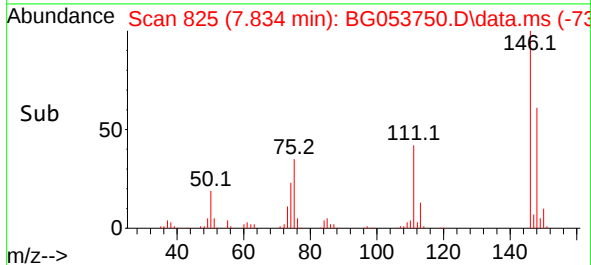
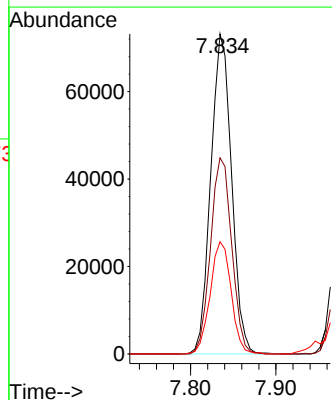
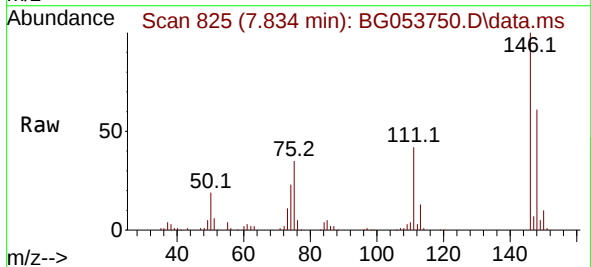
Instrument :  
BNA\_G  
ClientSampleId :  
WC-5MS

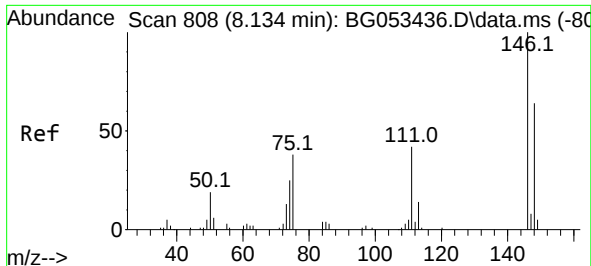
Tgt Ion: 93 Resp: 97276  
Ion Ratio Lower Upper  
93 100  
63 82.9 63.6 103.6  
95 32.6 10.1 50.1



#12  
1,3-Dichlorobenzene  
Concen: 50.149 ng  
RT: 7.834 min Scan# 825  
Delta R.T. -0.005 min  
Lab File: BG053750.D  
Acq: 28 May 2022 14:31

Tgt Ion:146 Resp: 123721  
Ion Ratio Lower Upper  
146 100  
148 61.3 46.1 69.1  
75 35.0 27.6 41.4





#13

1,4-Dichlorobenzene

Concen: 45.176 ng

RT: 7.981 min Scan# 81

Delta R.T. -0.005 min

Lab File: BG053750.D

Acq: 28 May 2022 14:31

Instrument :

BNA\_G

ClientSampleId :

WC-5MS

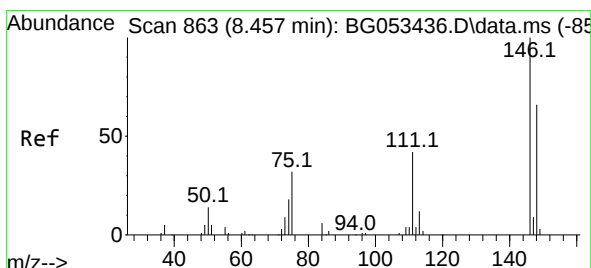
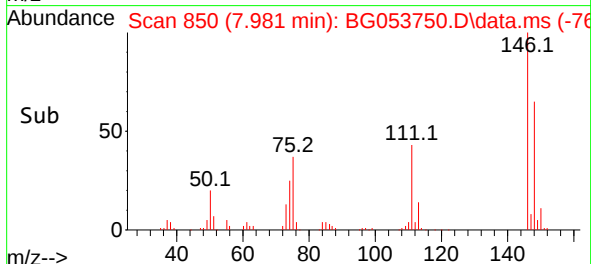
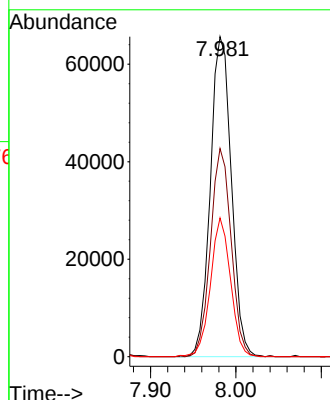
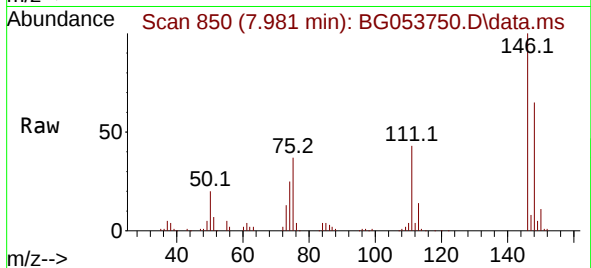
Tgt Ion:146 Resp: 112469

Ion Ratio Lower Upper

146 100

148 65.1 51.5 77.3

111 43.4 33.9 50.9



#14

1,2-Dichlorobenzene

Concen: 44.351 ng

RT: 8.299 min Scan# 904

Delta R.T. -0.005 min

Lab File: BG053750.D

Acq: 28 May 2022 14:31

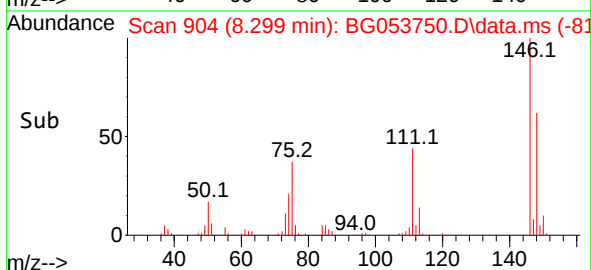
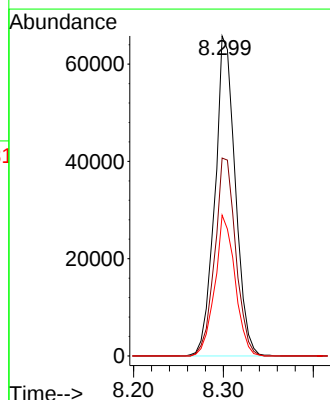
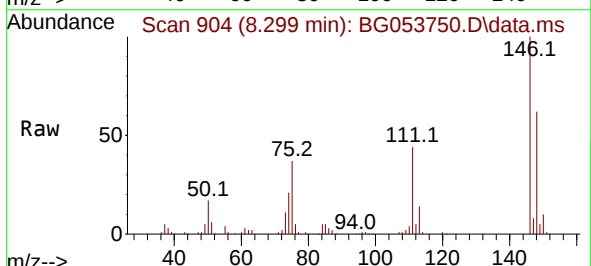
Tgt Ion:146 Resp: 103684

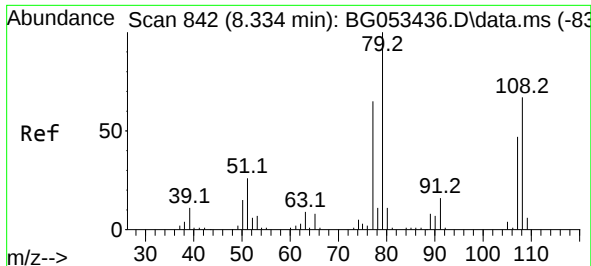
Ion Ratio Lower Upper

146 100

148 61.9 52.6 78.8

111 44.0 34.5 51.7

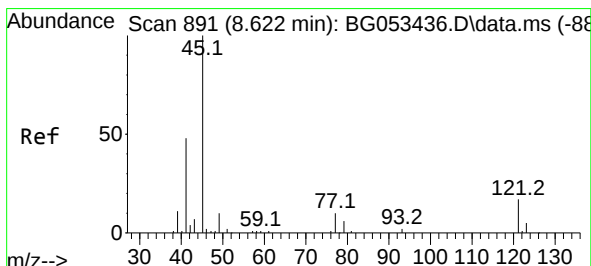
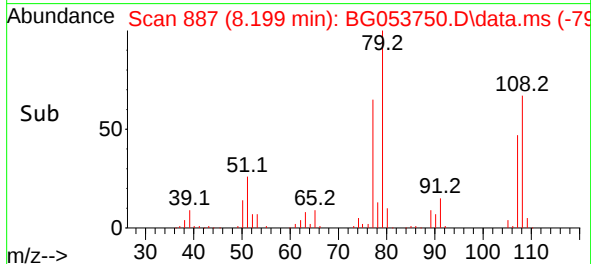
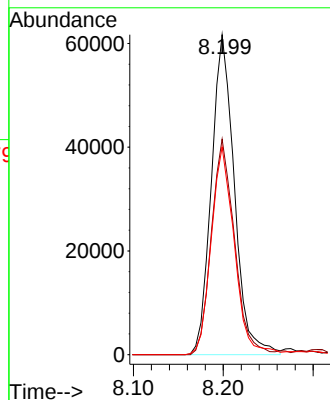
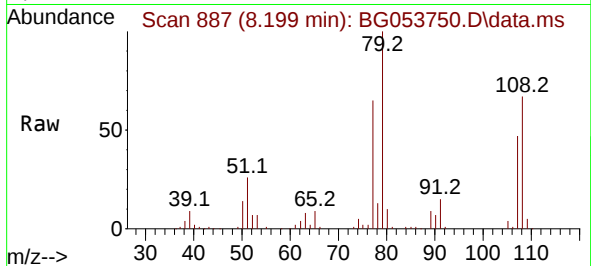




#15  
Benzyl Alcohol  
Concen: 43.227 ng  
RT: 8.199 min Scan# 81  
Delta R.T. 0.001 min  
Lab File: BG053750.D  
Acq: 28 May 2022 14:31

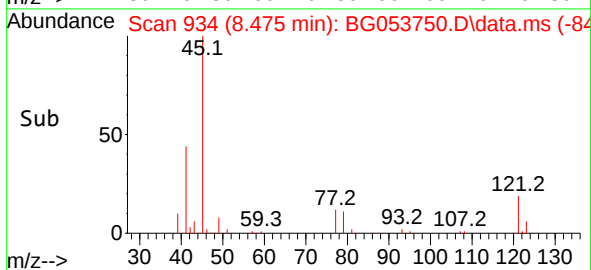
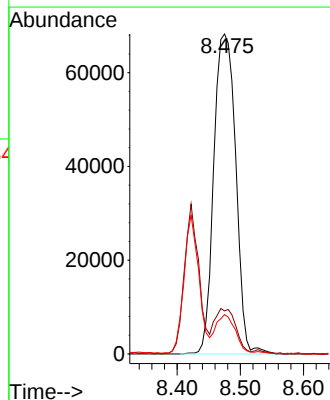
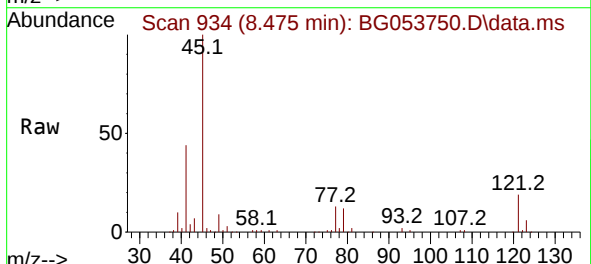
Instrument :  
BNA\_G  
ClientSampleId :  
WC-5MS

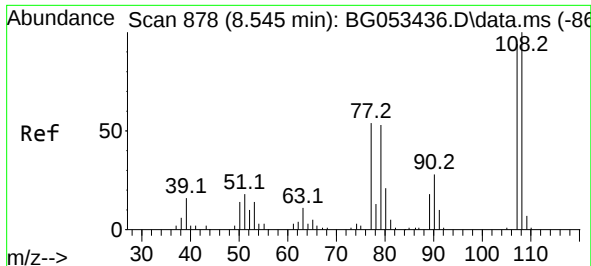
Tgt Ion: 79 Resp: 109719  
Ion Ratio Lower Upper  
79 100  
108 67.4 53.7 80.5  
77 64.9 52.2 78.4



#16  
2,2'-oxybis(1-Chloropropane)  
Concen: 45.614 ng  
RT: 8.475 min Scan# 934  
Delta R.T. 0.001 min  
Lab File: BG053750.D  
Acq: 28 May 2022 14:31

Tgt Ion: 45 Resp: 164401  
Ion Ratio Lower Upper  
45 100  
77 13.5 0.0 32.7  
79 12.3 0.0 29.7

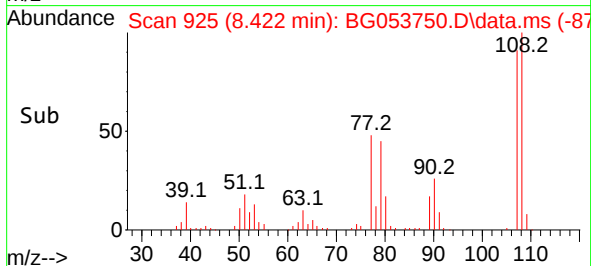
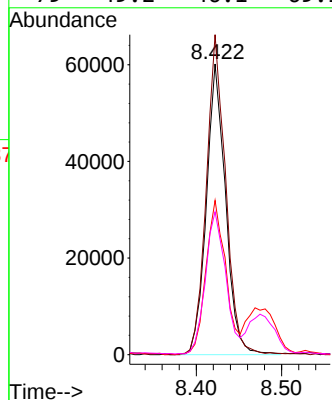
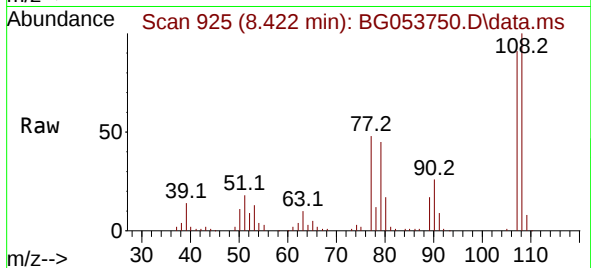




#17  
2-Methylphenol  
Concen: 47.013 ng  
RT: 8.422 min Scan# 91  
Delta R.T. 0.001 min  
Lab File: BG053750.D  
Acq: 28 May 2022 14:31

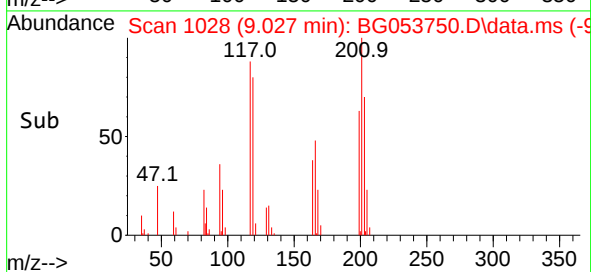
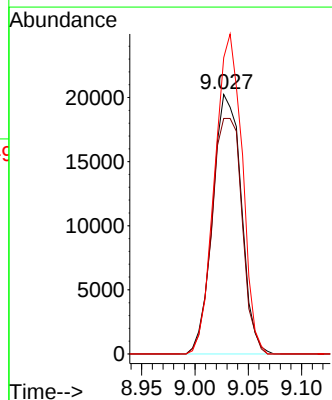
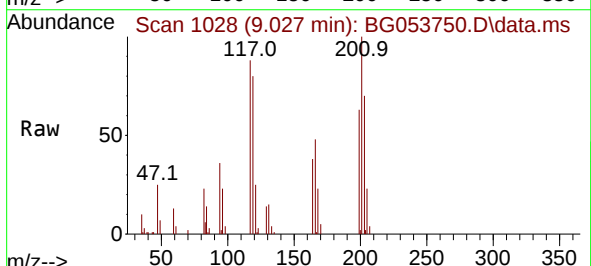
Instrument :  
BNA\_G  
ClientSampleId :  
WC-5MS

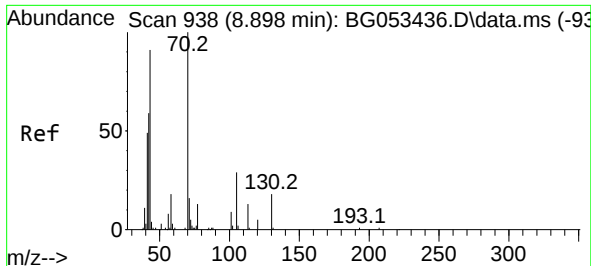
|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 107   | Resp: | 94350 |
| Ion      | Ratio | Lower | Upper |
| 107      | 100   |       |       |
| 108      | 110.1 | 85.4  | 128.0 |
| 77       | 53.1  | 46.2  | 69.2  |
| 79       | 49.2  | 46.1  | 69.1  |



#18  
Hexachloroethane  
Concen: 39.871 ng  
RT: 9.027 min Scan# 1028  
Delta R.T. 0.001 min  
Lab File: BG053750.D  
Acq: 28 May 2022 14:31

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 117   | Resp: | 37694 |
| Ion      | Ratio | Lower | Upper |
| 117      | 100   |       |       |
| 119      | 90.8  | 75.0  | 112.6 |
| 201      | 114.1 | 89.0  | 133.6 |

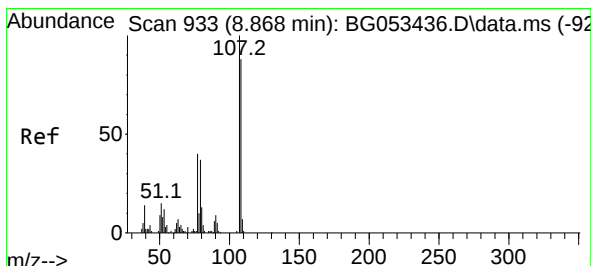
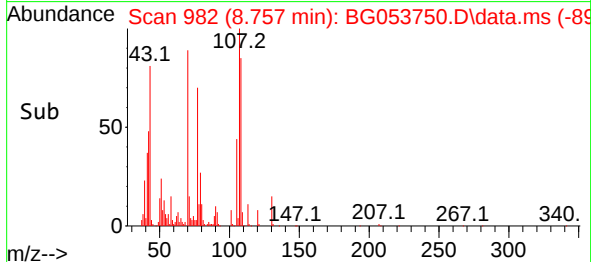
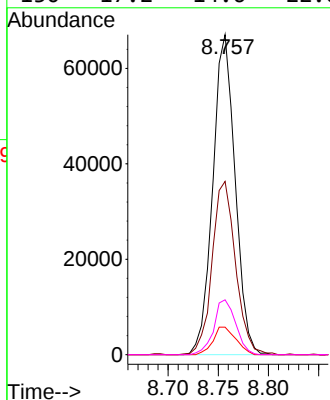
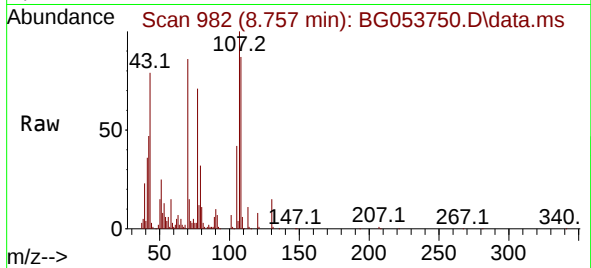




#19  
n-Nitroso-di-n-propylamine  
Concen: 47.607 ng  
RT: 8.757 min Scan# 91  
Delta R.T. 0.001 min  
Lab File: BG053750.D  
Acq: 28 May 2022 14:31

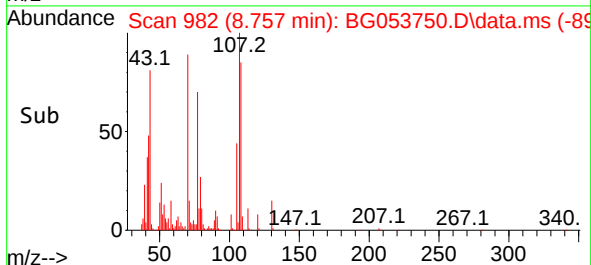
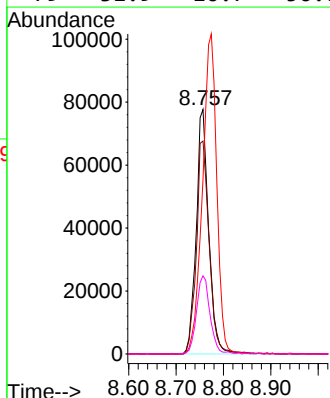
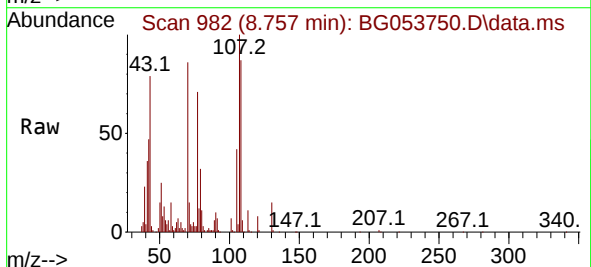
Instrument :  
BNA\_G  
ClientSampleId :  
WC-5MS

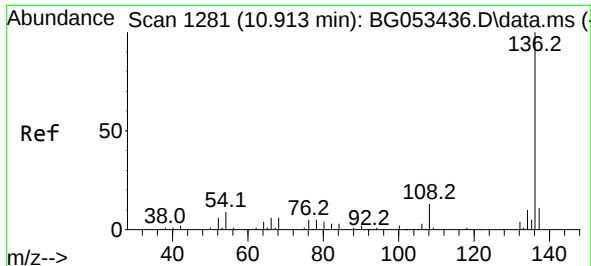
Tgt Ion: 70 Resp: 103700  
Ion Ratio Lower Upper  
70 100  
42 54.2 47.3 70.9  
101 8.6 7.0 10.4  
130 17.2 14.6 22.0



#20  
3+4-Methylphenols  
Concen: 50.487 ng  
RT: 8.757 min Scan# 982  
Delta R.T. 0.001 min  
Lab File: BG053750.D  
Acq: 28 May 2022 14:31

Tgt Ion: 107 Resp: 143098  
Ion Ratio Lower Upper  
107 100  
108 87.1 67.5 107.5  
77 71.3 20.3 60.3#  
79 31.9 16.7 56.7

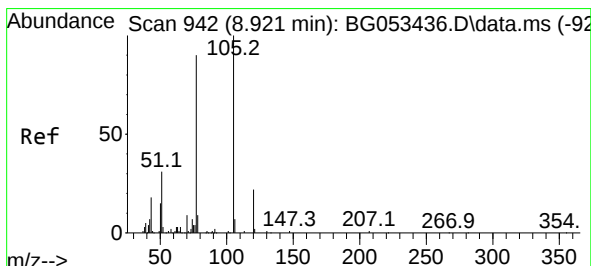
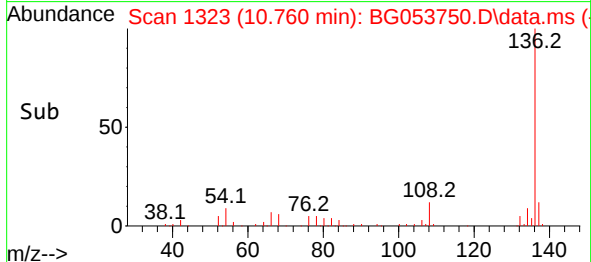
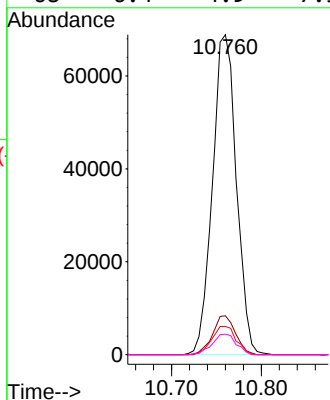
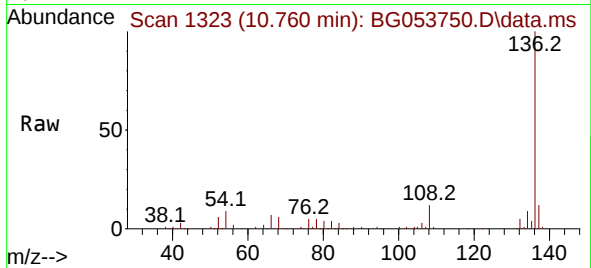




#21  
Naphthalene-d8  
Concen: 20.000 ng  
RT: 10.760 min Scan# 11  
Delta R.T. 0.001 min  
Lab File: BG053750.D  
Acq: 28 May 2022 14:31

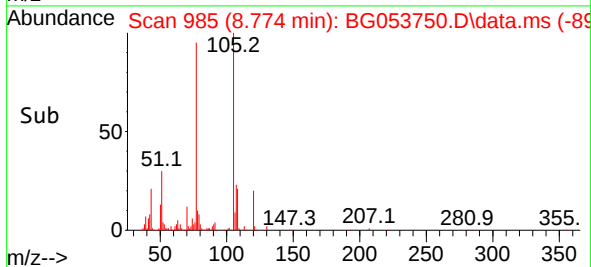
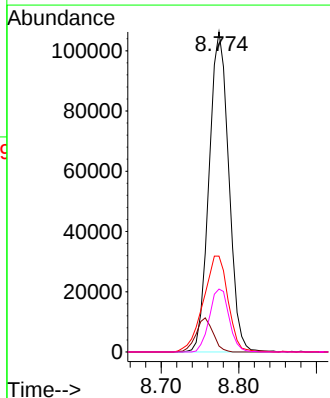
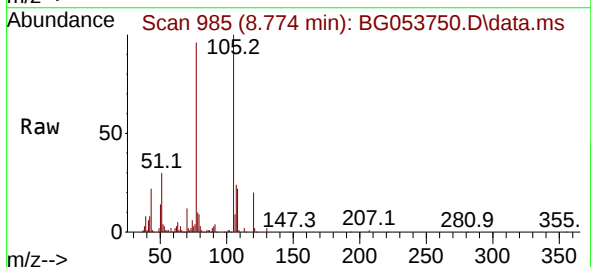
Instrument :  
BNA\_G  
ClientSampleId :  
WC-5MS

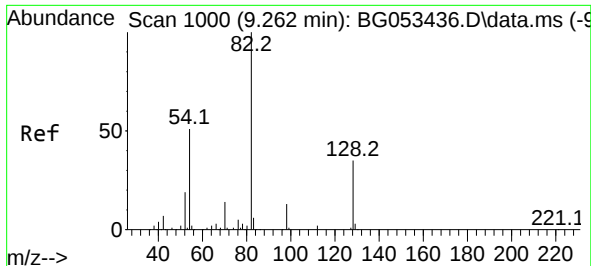
|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 136   | Resp: | 127290 |
| Ion      | Ratio | Lower | Upper  |
| 136      | 100   |       |        |
| 137      | 12.2  | 8.5   | 12.7   |
| 54       | 8.8   | 7.4   | 11.2   |
| 68       | 6.4   | 4.9   | 7.3    |



#22  
Acetophenone  
Concen: 53.936 ng  
RT: 8.774 min Scan# 985  
Delta R.T. 0.001 min  
Lab File: BG053750.D  
Acq: 28 May 2022 14:31

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 105   | Resp: | 187900 |
| Ion      | Ratio | Lower | Upper  |
| 105      | 100   |       |        |
| 71       | 1.9   | 1.1   | 1.7#   |
| 51       | 30.0  | 25.4  | 38.0   |
| 120      | 19.6  | 17.3  | 25.9   |

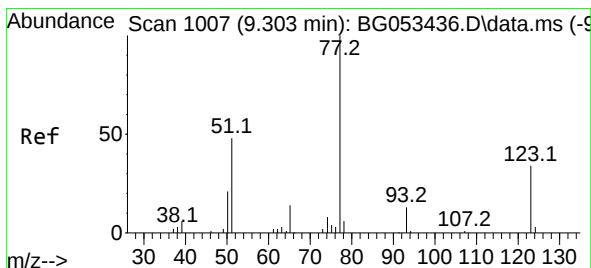
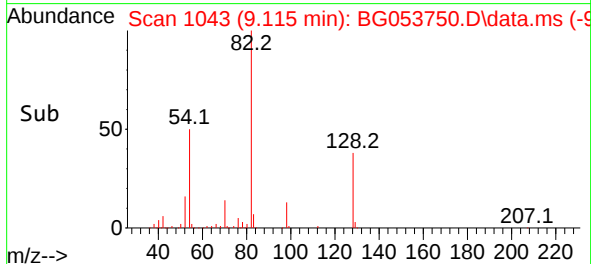
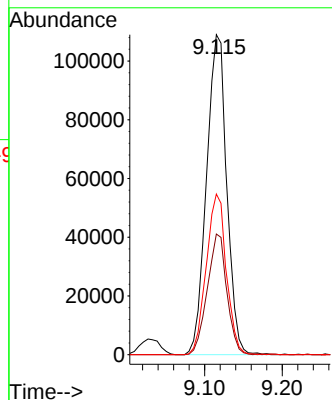
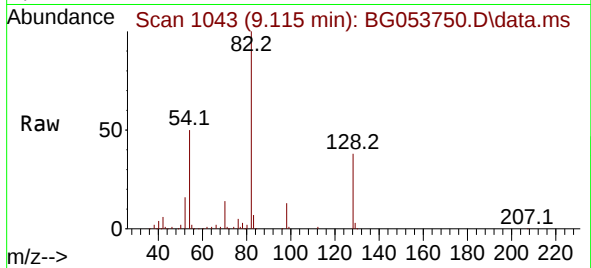




#23  
Nitrobenzene-d5  
Concen: 66.011 ng  
RT: 9.115 min Scan# 1051  
Delta R.T. -0.005 min  
Lab File: BG053750.D  
Acq: 28 May 2022 14:31

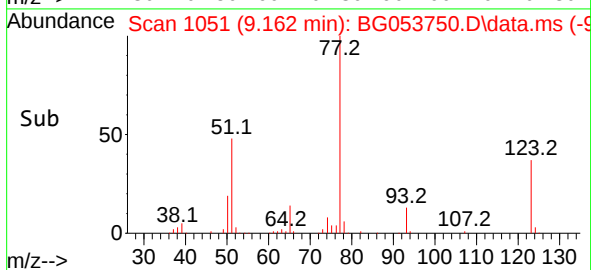
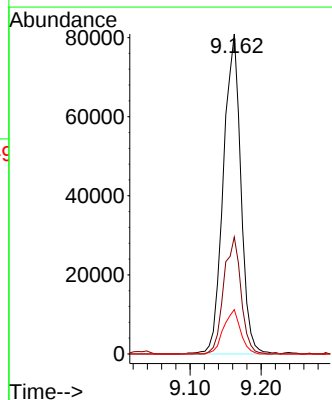
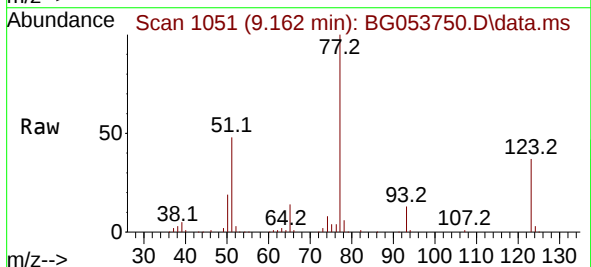
Instrument :  
BNA\_G  
ClientSampleId :  
WC-5MS

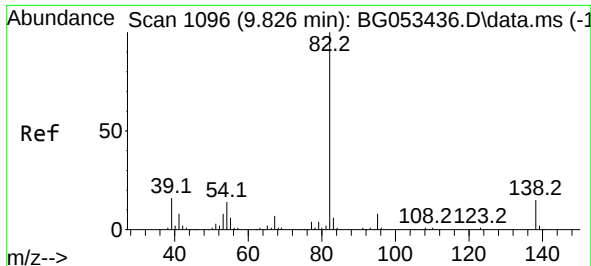
Tgt Ion: 82 Resp: 197389  
Ion Ratio Lower Upper  
82 100  
128 37.7 27.9 41.9  
54 50.2 41.2 61.8



#24  
Nitrobenzene  
Concen: 47.648 ng  
RT: 9.162 min Scan# 1051  
Delta R.T. 0.001 min  
Lab File: BG053750.D  
Acq: 28 May 2022 14:31

Tgt Ion: 77 Resp: 137902  
Ion Ratio Lower Upper  
77 100  
123 36.6 27.4 41.0  
65 13.9 11.4 17.0

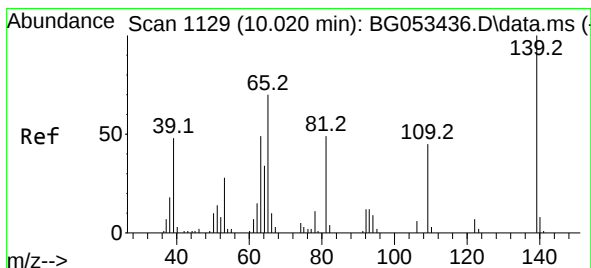
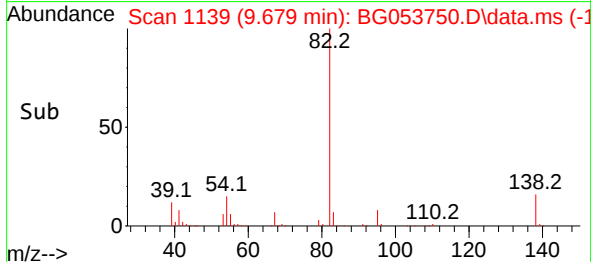
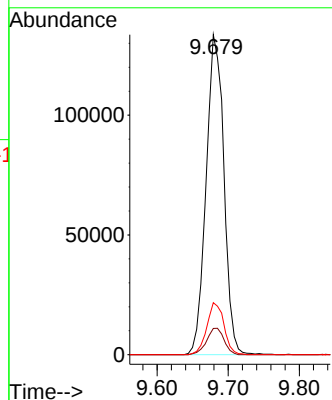
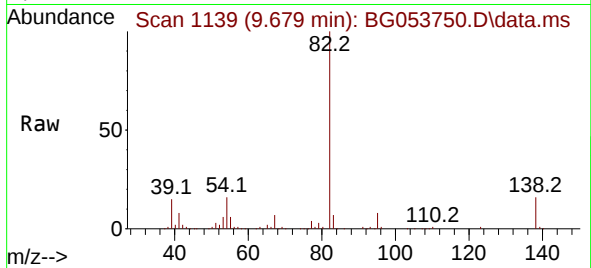




#25  
Isophorone  
Concen: 46.320 ng  
RT: 9.679 min Scan# 1117  
Delta R.T. -0.005 min  
Lab File: BG053750.D  
Acq: 28 May 2022 14:31

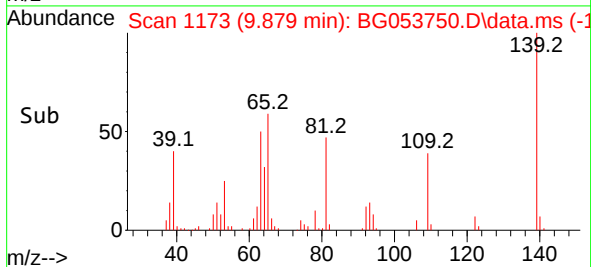
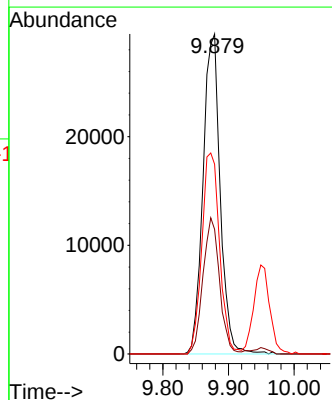
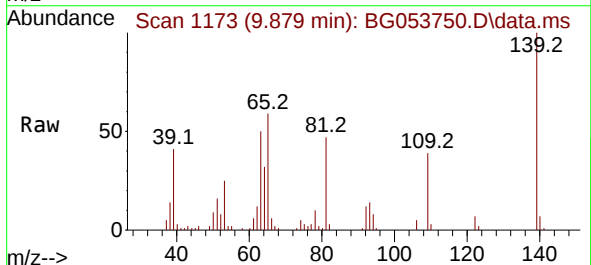
Instrument :  
BNA\_G  
ClientSampleId :  
WC-5MS

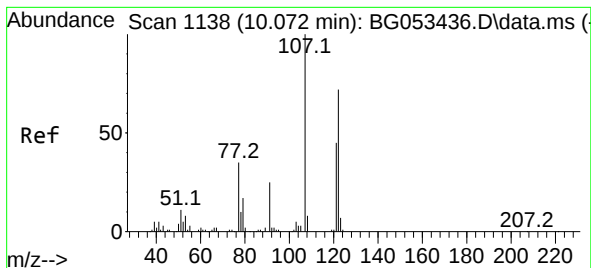
Tgt Ion: 82 Resp: 233101  
Ion Ratio Lower Upper  
82 100  
95 8.2 6.2 9.4  
138 16.3 11.6 17.4



#26  
2-Nitrophenol  
Concen: 45.888 ng  
RT: 9.879 min Scan# 1173  
Delta R.T. 0.007 min  
Lab File: BG053750.D  
Acq: 28 May 2022 14:31

Tgt Ion:139 Resp: 53790  
Ion Ratio Lower Upper  
139 100  
109 38.9 36.1 54.1  
65 59.3 55.8 83.6

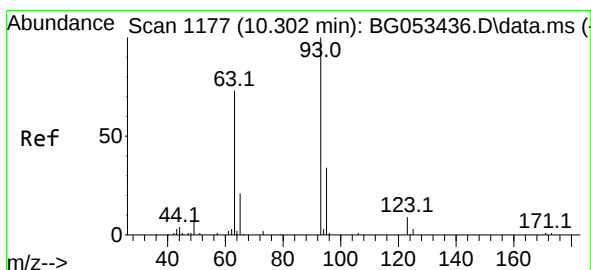
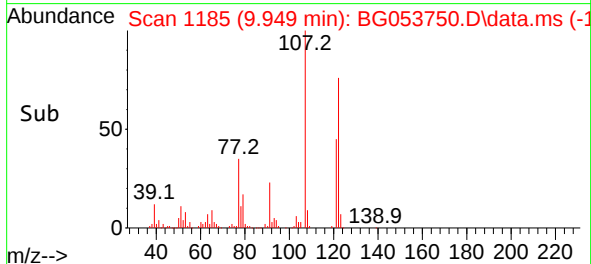
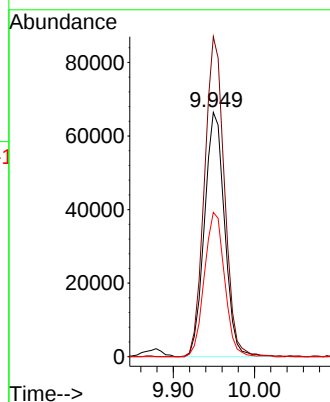
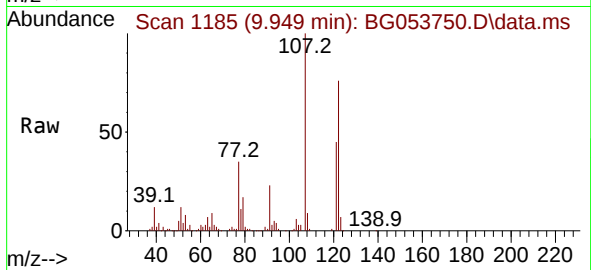




#27  
2,4-Dimethylphenol  
Concen: 64.751 ng  
RT: 9.949 min Scan# 1138  
Delta R.T. -0.005 min  
Lab File: BG053750.D  
Acq: 28 May 2022 14:31

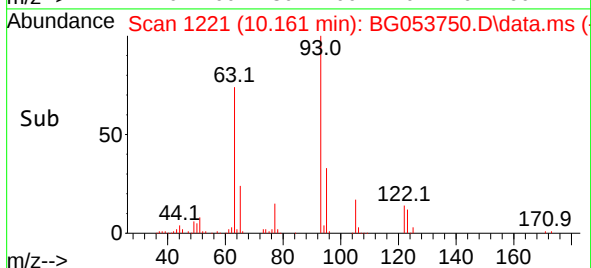
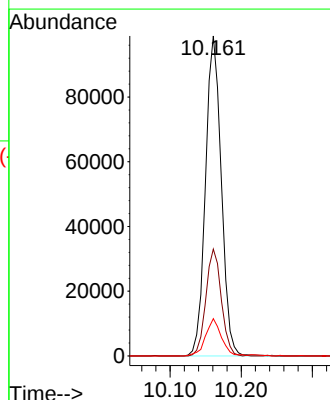
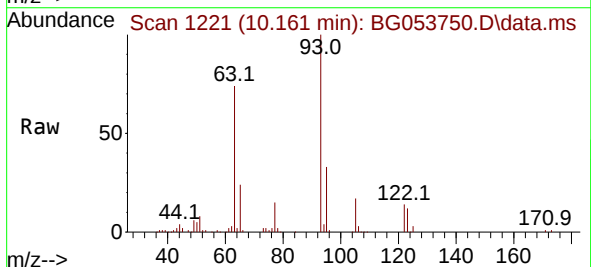
Instrument :  
BNA\_G  
ClientSampleId :  
WC-5MS

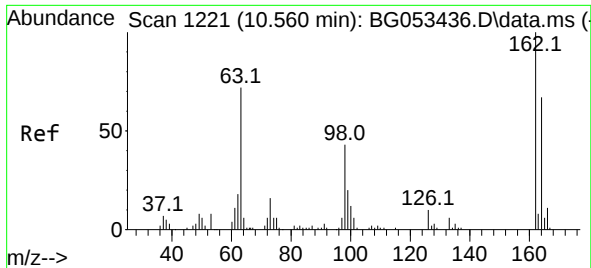
Tgt Ion:122 Resp: 114225  
Ion Ratio Lower Upper  
122 100  
107 131.0 109.4 164.0  
121 59.1 48.7 73.1



#28  
bis(2-Chloroethoxy)methane  
Concen: 52.790 ng  
RT: 10.161 min Scan# 1221  
Delta R.T. 0.001 min  
Lab File: BG053750.D  
Acq: 28 May 2022 14:31

Tgt Ion: 93 Resp: 152791  
Ion Ratio Lower Upper  
93 100  
95 33.4 26.9 40.3  
123 11.7 7.7 11.5#





#29

2,4-Dichlorophenol

Concen: 51.828 ng

RT: 10.431 min Scan# 1

Delta R.T. -0.005 min

Lab File: BG053750.D

Acq: 28 May 2022 14:31

Instrument :

BNA\_G

ClientSampleId :

WC-5MS

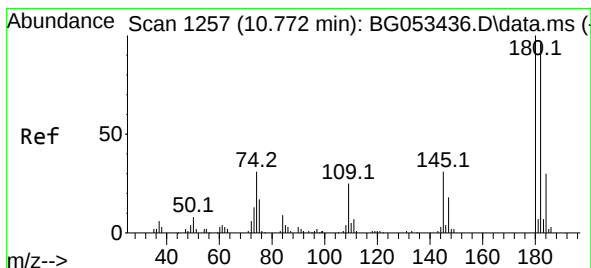
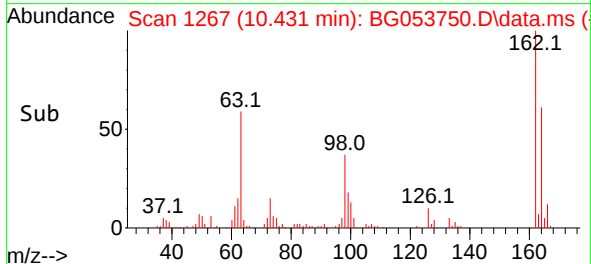
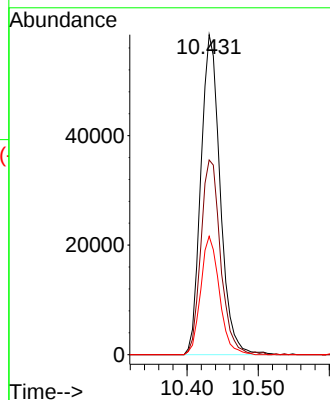
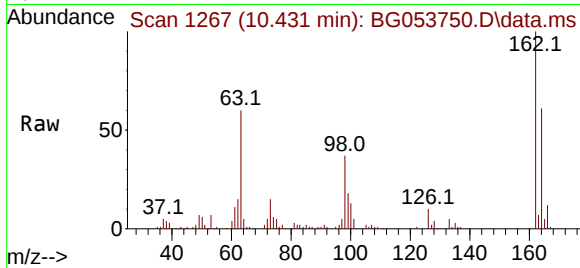
Tgt Ion:162 Resp: 110346

Ion Ratio Lower Upper

162 100

164 60.9 46.6 86.6

98 37.0 22.8 62.8



#30

1,2,4-Trichlorobenzene

Concen: 43.829 ng

RT: 10.619 min Scan# 1299

Delta R.T. -0.005 min

Lab File: BG053750.D

Acq: 28 May 2022 14:31

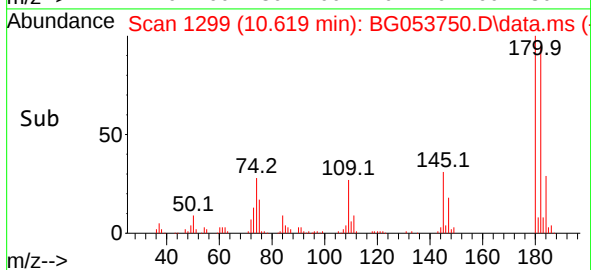
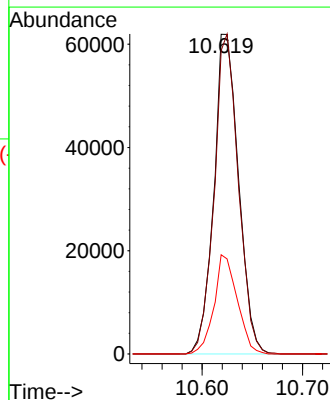
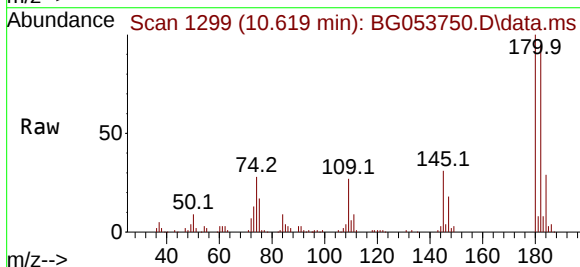
Tgt Ion:180 Resp: 106023

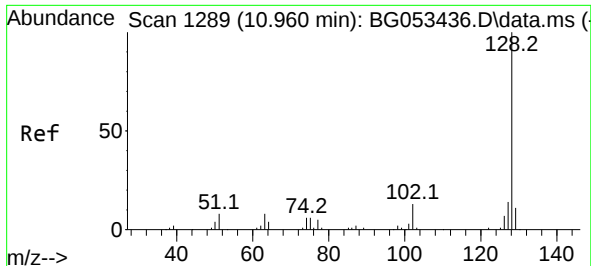
Ion Ratio Lower Upper

180 100

182 94.9 76.6 115.0

145 31.0 25.0 37.4

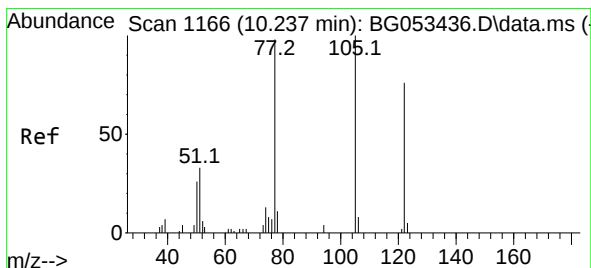
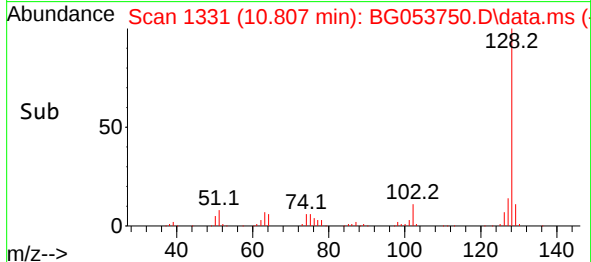
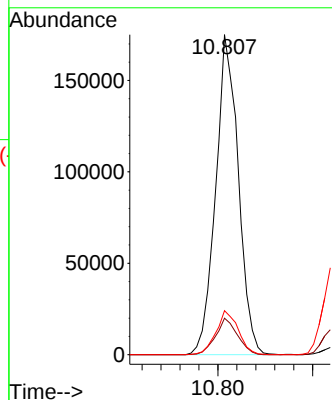
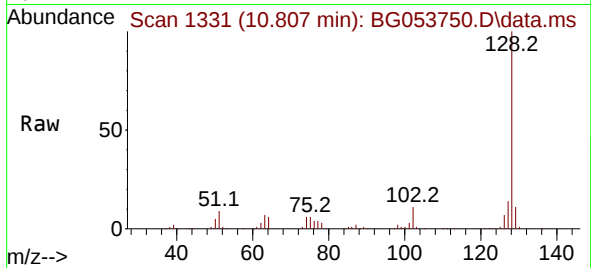




#31  
Naphthalene  
Concen: 44.837 ng  
RT: 10.807 min Scan# 11  
Delta R.T. -0.005 min  
Lab File: BG053750.D  
Acq: 28 May 2022 14:31

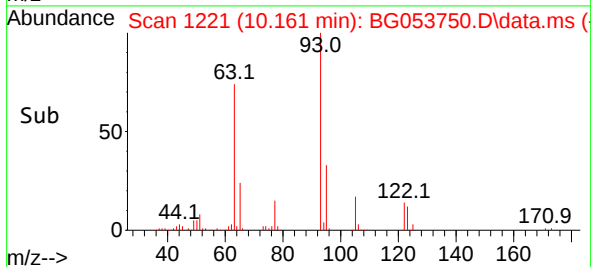
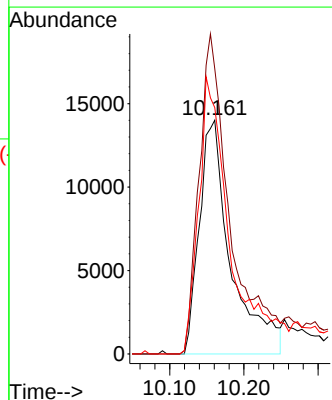
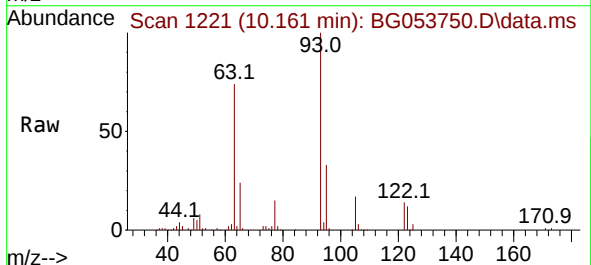
Instrument :  
BNA\_G  
ClientSampleId :  
WC-5MS

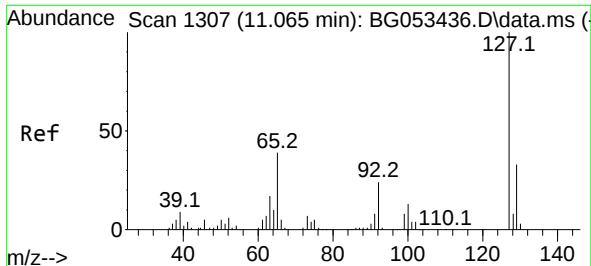
Tgt Ion:128 Resp: 290313  
Ion Ratio Lower Upper  
128 100  
129 11.4 9.0 13.6  
127 13.8 11.1 16.7



#32  
Benzoic acid  
Concen: 39.420 ng  
RT: 10.161 min Scan# 1221  
Delta R.T. 0.007 min  
Lab File: BG053750.D  
Acq: 28 May 2022 14:31

Tgt Ion:122 Resp: 41437  
Ion Ratio Lower Upper  
122 100  
105 122.0 111.8 151.8  
77 105.4 109.4 149.4#

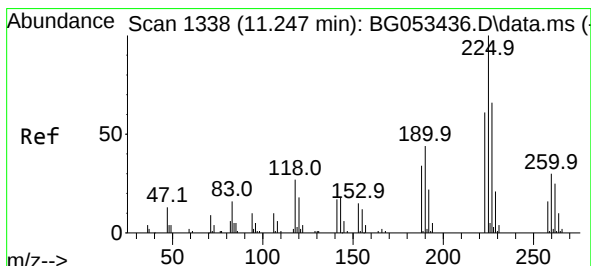
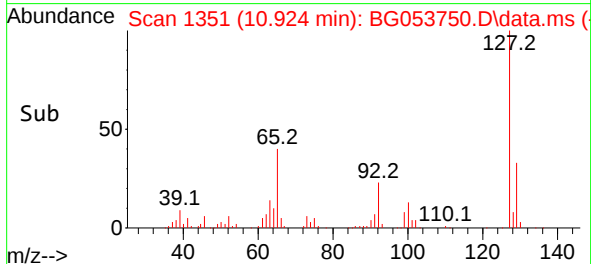
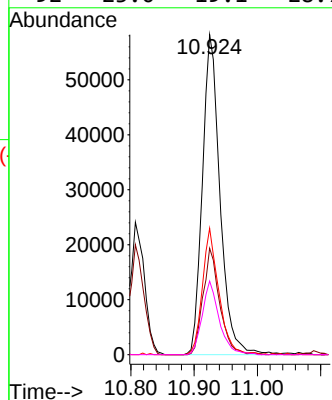
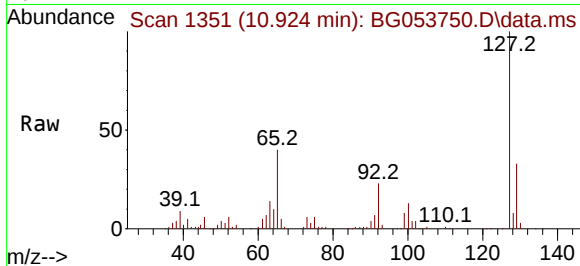




#33  
4-Chloroaniline  
Concen: 41.670 ng  
RT: 10.924 min Scan# 11  
Delta R.T. 0.001 min  
Lab File: BG053750.D  
Acq: 28 May 2022 14:31

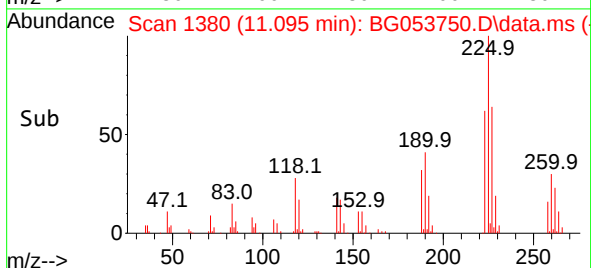
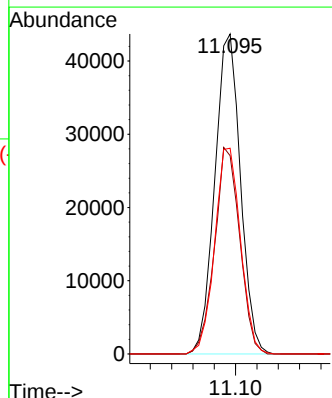
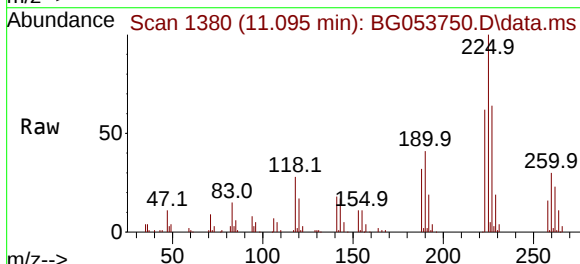
Instrument :  
BNA\_G  
ClientSampleId :  
WC-5MS

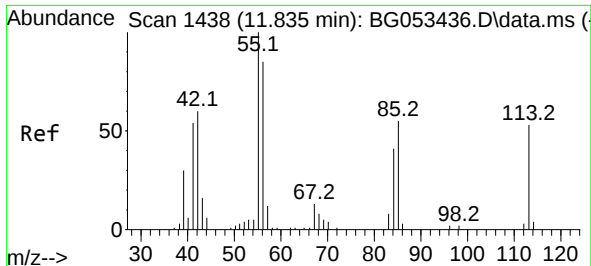
|             |              |
|-------------|--------------|
| Tgt Ion:127 | Resp: 112994 |
| Ion Ratio   | Lower Upper  |
| 127 100     |              |
| 129 33.2    | 26.3 39.5    |
| 65 39.5     | 31.1 46.7    |
| 92 23.0     | 19.1 28.7    |



#34  
Hexachlorobutadiene  
Concen: 40.609 ng  
RT: 11.095 min Scan# 1380  
Delta R.T. 0.001 min  
Lab File: BG053750.D  
Acq: 28 May 2022 14:31

|             |             |
|-------------|-------------|
| Tgt Ion:225 | Resp: 72843 |
| Ion Ratio   | Lower Upper |
| 225 100     |             |
| 223 62.0    | 48.9 73.3   |
| 227 64.3    | 52.8 79.2   |

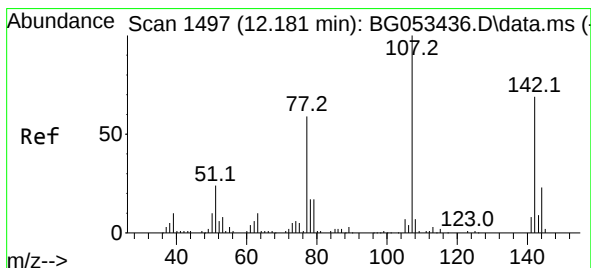
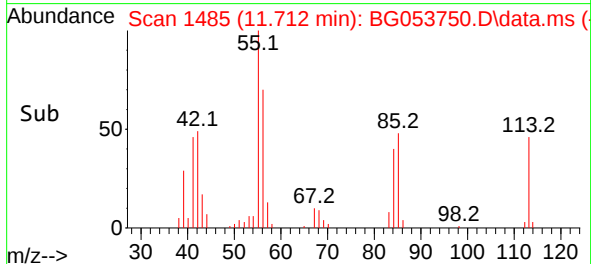
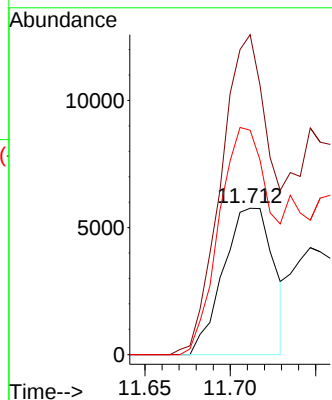
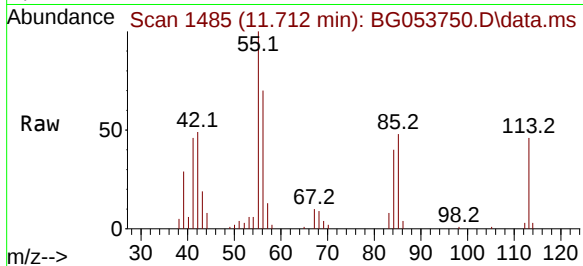




#35  
Caprolactam  
Concen: 15.143 ng  
RT: 11.712 min Scan# 1438  
Delta R.T. 0.007 min  
Lab File: BG053750.D  
Acq: 28 May 2022 14:31

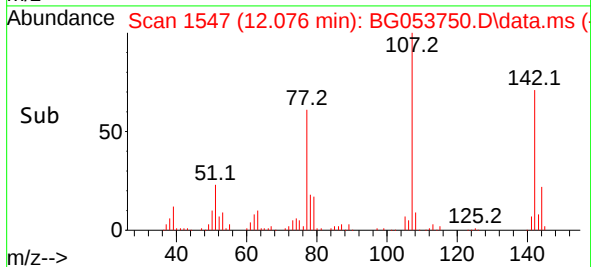
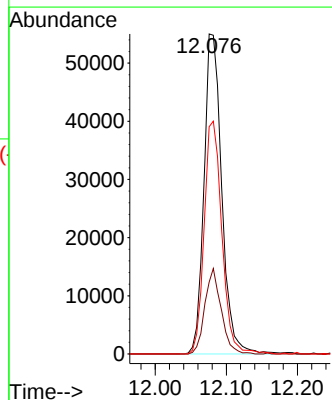
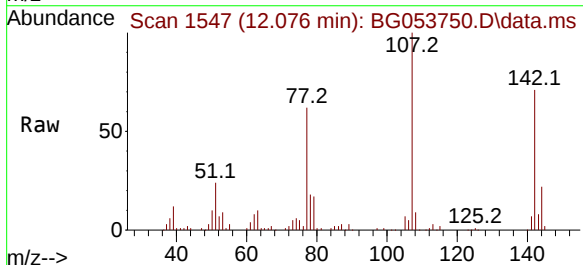
Instrument :  
BNA\_G  
ClientSampleId :  
WC-5MS

Tgt Ion:113 Resp: 11716  
Ion Ratio Lower Upper  
113 100  
55 218.6 169.8 209.8#  
56 153.3 141.2 181.2



#36  
4-Chloro-3-methylphenol  
Concen: 37.643 ng  
RT: 12.076 min Scan# 1547  
Delta R.T. -0.005 min  
Lab File: BG053750.D  
Acq: 28 May 2022 14:31

Tgt Ion:107 Resp: 95866  
Ion Ratio Lower Upper  
107 100  
144 22.4 18.5 27.7  
142 71.0 55.0 82.4





#37

2-Methylnaphthalene

Concen: 35.454 ng

RT: 12.417 min Scan# 1

Delta R.T. -0.005 min

Lab File: BG053750.D

Acq: 28 May 2022 14:31

Instrument :

BNA\_G

ClientSampleId :

WC-5MS

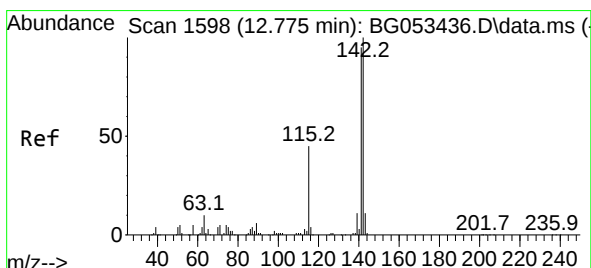
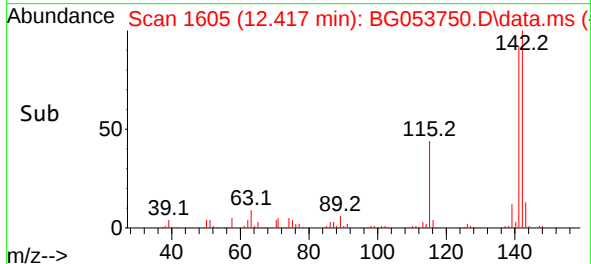
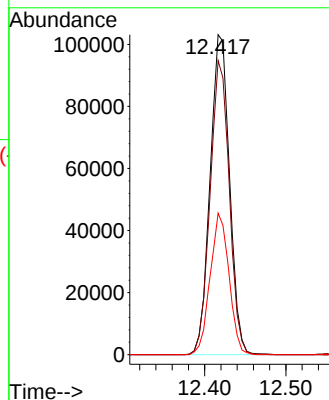
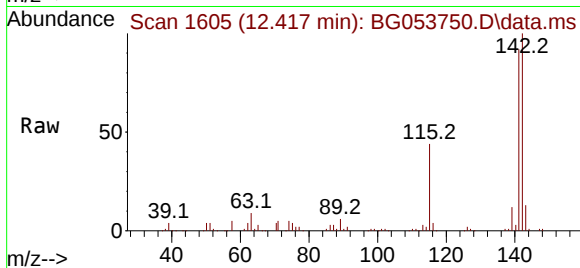
Tgt Ion:142 Resp: 171319

Ion Ratio Lower Upper

142 100

141 91.9 72.3 108.5

115 44.2 33.7 50.5



#38

1-Methylnaphthalene

Concen: 35.499 ng

RT: 12.640 min Scan# 1643

Delta R.T. 0.001 min

Lab File: BG053750.D

Acq: 28 May 2022 14:31

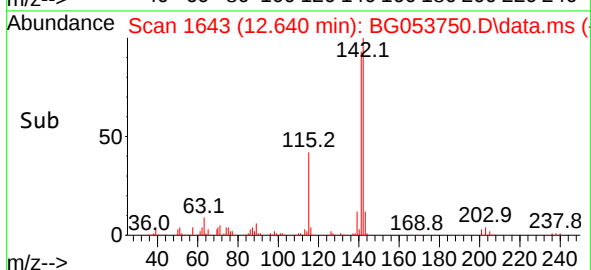
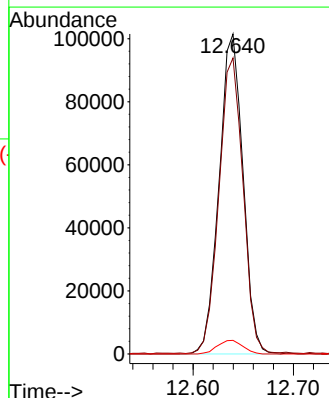
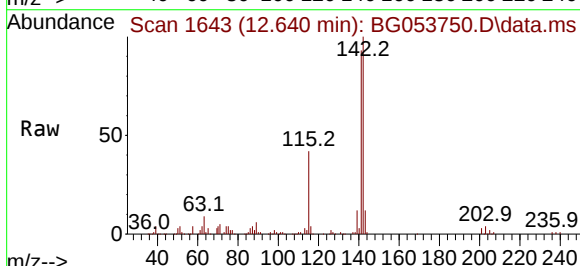
Tgt Ion:142 Resp: 167359

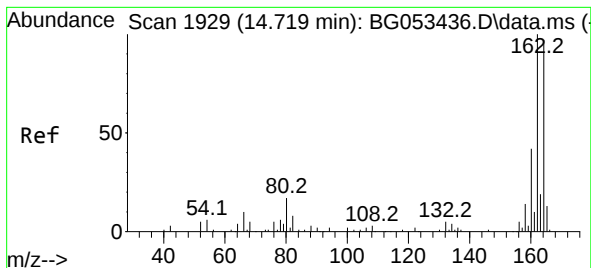
Ion Ratio Lower Upper

142 100

141 92.5 76.4 114.6

116 4.3 3.3 4.9





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.596 min Scan# 1699

Delta R.T. 0.001 min

Lab File: BG053750.D

Acq: 28 May 2022 14:31

Instrument :

BNA\_G

ClientSampleId :

WC-5MS

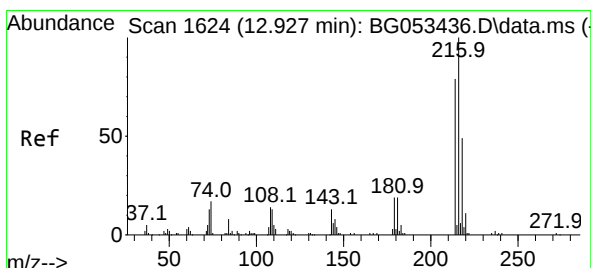
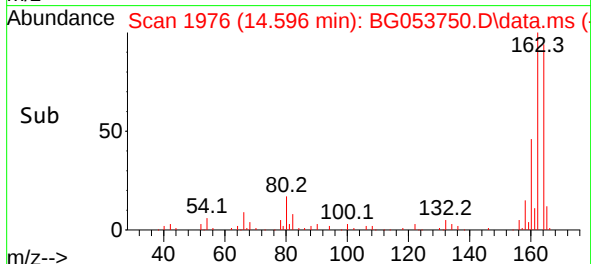
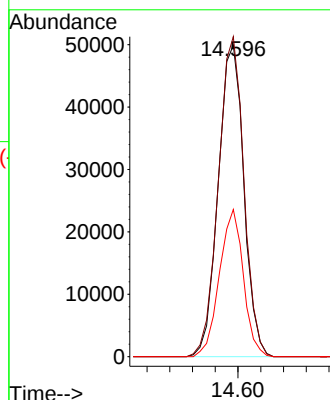
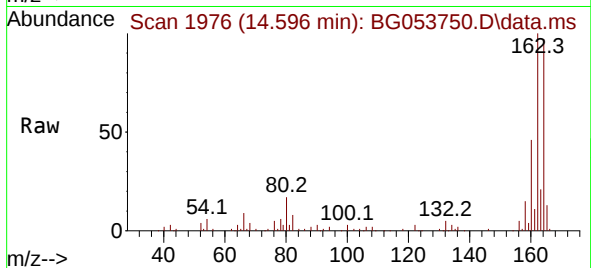
Tgt Ion:164 Resp: 77939

Ion Ratio Lower Upper

164 100

162 102.7 82.3 123.5

160 47.3 34.2 51.2



#40

1,2,4,5-Tetrachlorobenzene

Concen: 47.486 ng

RT: 12.792 min Scan# 1669

Delta R.T. 0.001 min

Lab File: BG053750.D

Acq: 28 May 2022 14:31

Tgt Ion:216 Resp: 116662

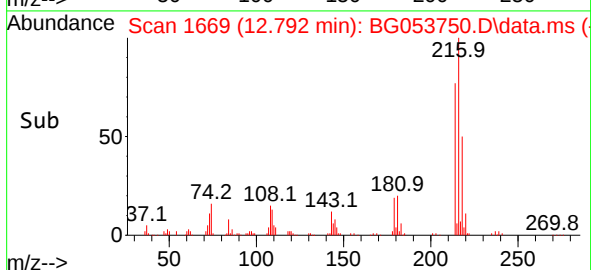
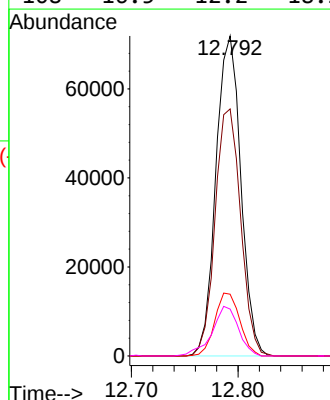
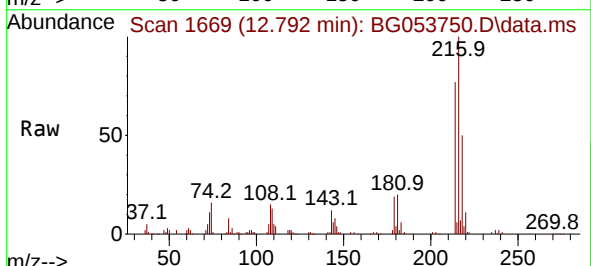
Ion Ratio Lower Upper

216 100

214 79.0 62.9 94.3

179 19.7 16.1 24.1

108 16.5 12.2 18.2

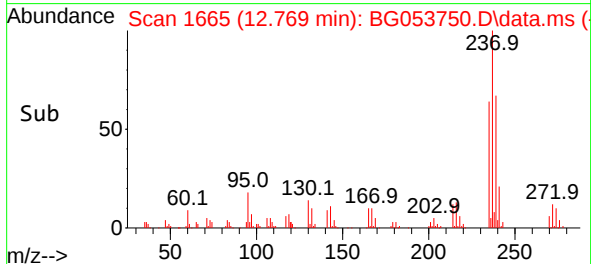
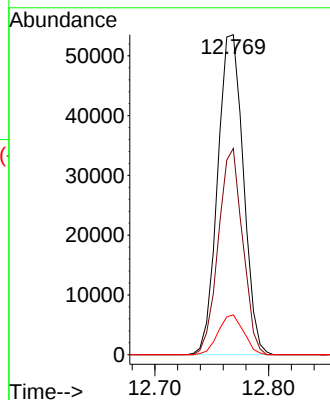
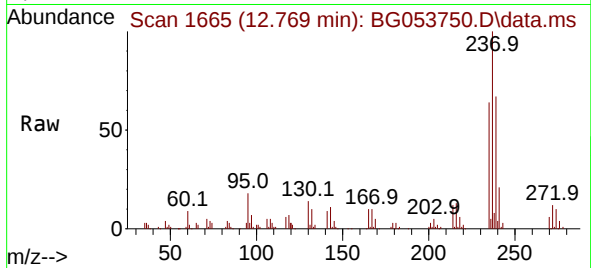




#41  
Hexachlorocyclopentadiene  
Concen: 83.638 ng  
RT: 12.769 min Scan# 1  
Delta R.T. 0.001 min  
Lab File: BG053750.D  
Acq: 28 May 2022 14:31

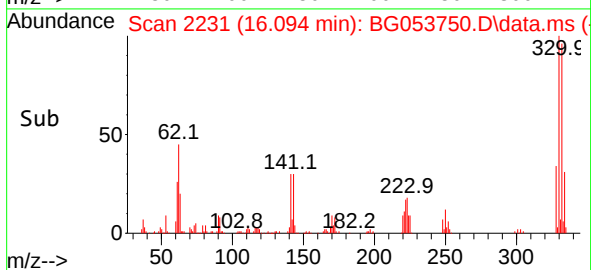
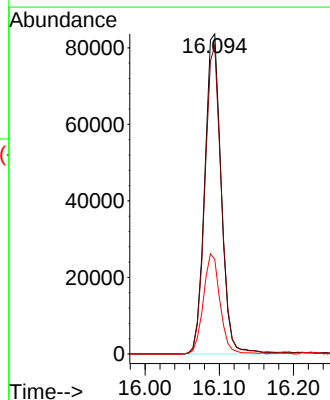
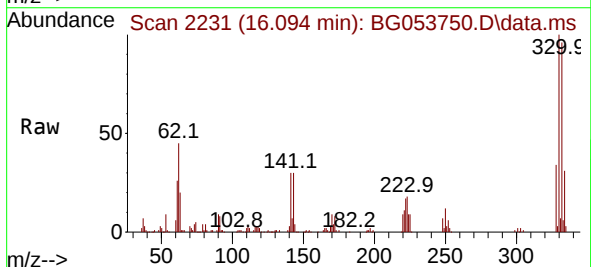
Instrument :  
BNA\_G  
ClientSampleId :  
WC-5MS

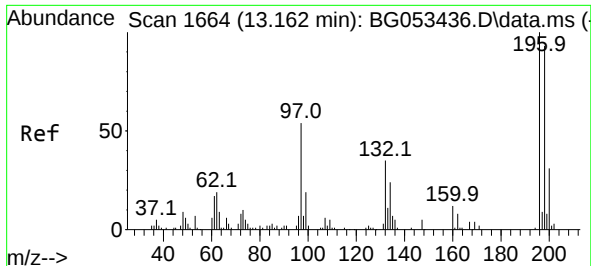
Tgt Ion:237 Resp: 84148  
Ion Ratio Lower Upper  
237 100  
235 64.5 43.5 83.5  
272 12.4 0.0 30.1



#42  
2,4,6-Tribromophenol  
Concen: 112.610 ng  
RT: 16.094 min Scan# 2231  
Delta R.T. 0.001 min  
Lab File: BG053750.D  
Acq: 28 May 2022 14:31

Tgt Ion:330 Resp: 129446  
Ion Ratio Lower Upper  
330 100  
332 96.4 76.0 114.0  
141 31.7 27.1 40.7

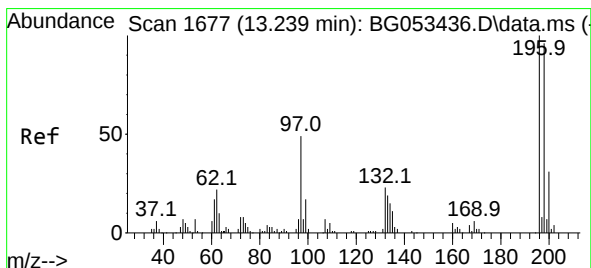
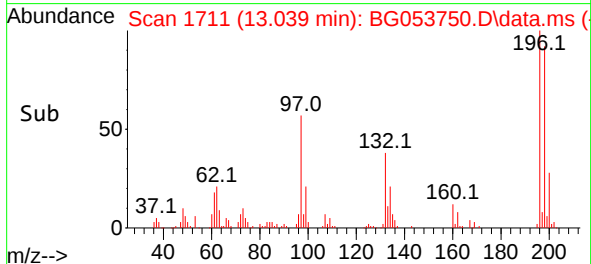
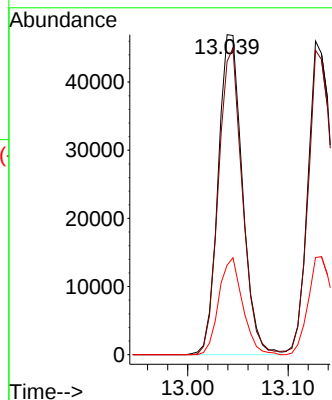
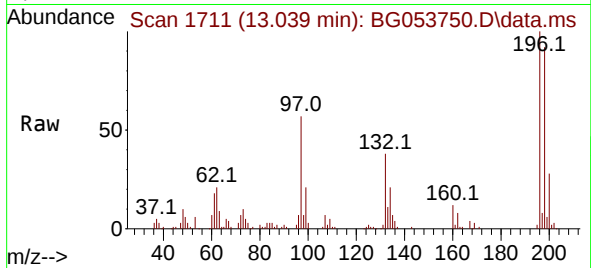




#43  
2,4,6-Trichlorophenol  
Concen: 49.140 ng  
RT: 13.039 min Scan# 1711  
Delta R.T. -0.005 min  
Lab File: BG053750.D  
Acq: 28 May 2022 14:31

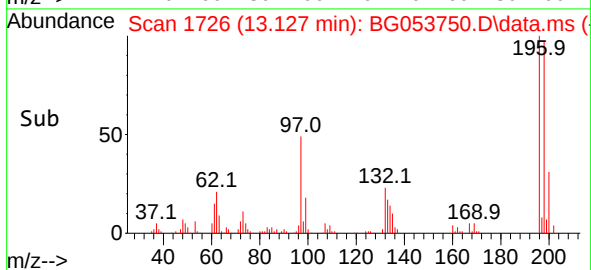
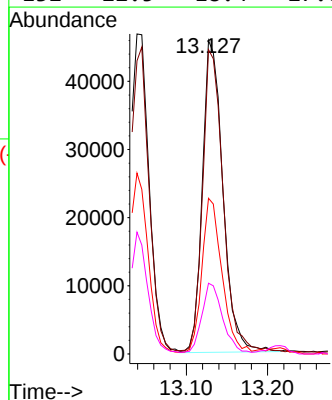
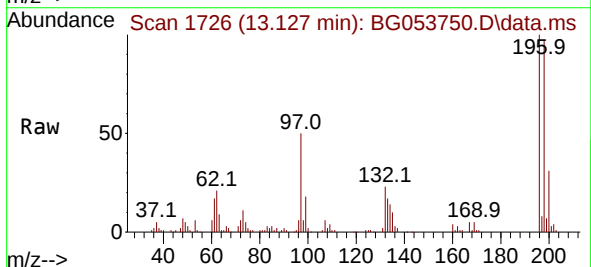
Instrument :  
BNA\_G  
ClientSampleId :  
WC-5MS

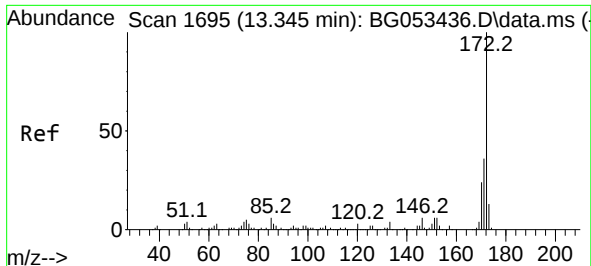
Tgt Ion:196 Resp: 78802  
Ion Ratio Lower Upper  
196 100  
198 91.6 74.1 111.1  
200 27.9 24.7 37.1



#44  
2,4,5-Trichlorophenol  
Concen: 47.045 ng  
RT: 13.127 min Scan# 1726  
Delta R.T. -0.005 min  
Lab File: BG053750.D  
Acq: 28 May 2022 14:31

Tgt Ion:196 Resp: 80294  
Ion Ratio Lower Upper  
196 100  
198 97.0 76.8 115.2  
97 49.6 39.8 59.6  
132 22.5 18.4 27.6

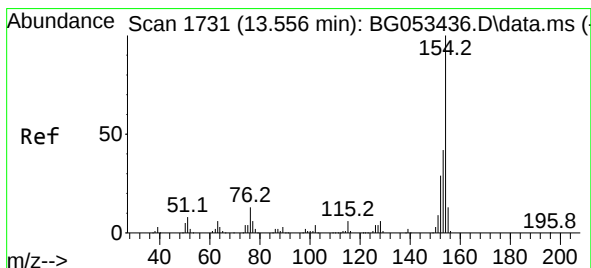
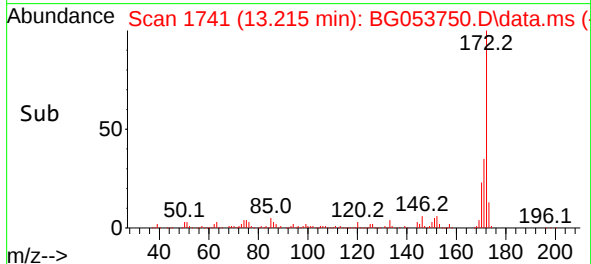
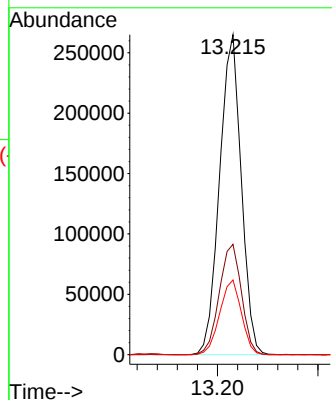
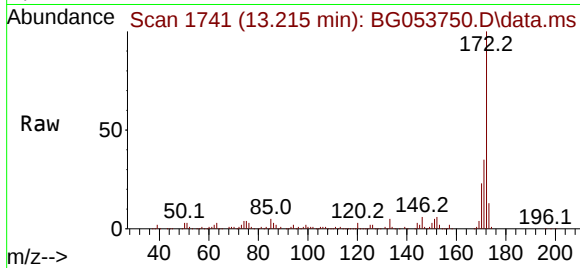




#45  
2-Fluorobiphenyl  
Concen: 74.256 ng  
RT: 13.215 min Scan# 1770  
Delta R.T. 0.001 min  
Lab File: BG053750.D  
Acq: 28 May 2022 14:31

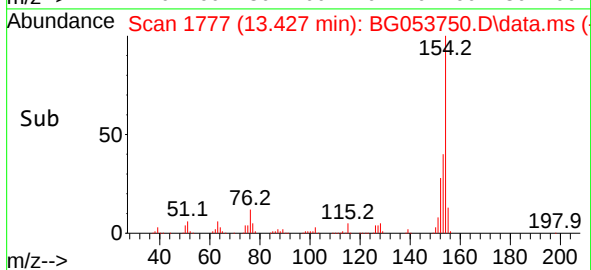
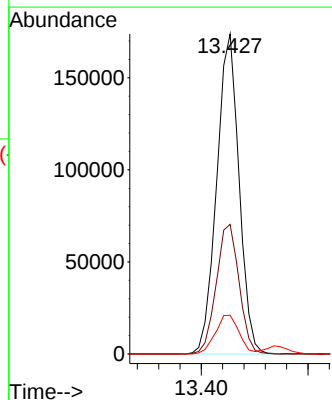
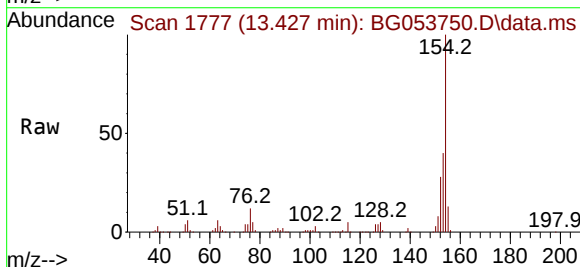
Instrument :  
BNA\_G  
ClientSampleId :  
WC-5MS

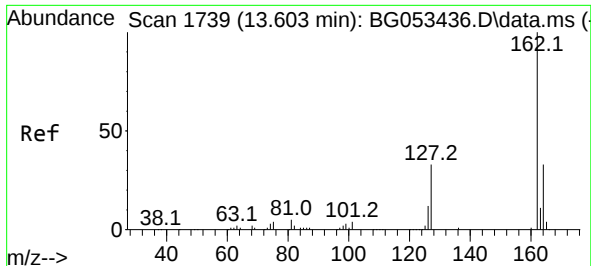
Tgt Ion:172 Resp: 396052  
Ion Ratio Lower Upper  
172 100  
171 34.5 28.5 42.7  
170 23.4 18.9 28.3



#46  
1,1'-Biphenyl  
Concen: 47.440 ng  
RT: 13.427 min Scan# 1777  
Delta R.T. 0.001 min  
Lab File: BG053750.D  
Acq: 28 May 2022 14:31

Tgt Ion:154 Resp: 252032  
Ion Ratio Lower Upper  
154 100  
153 40.5 21.6 61.6  
76 12.1 0.0 32.6





#47

2-Chloronaphthalene

Concen: 45.325 ng

RT: 13.474 min Scan# 1

Delta R.T. 0.001 min

Lab File: BG053750.D

Acq: 28 May 2022 14:31

Instrument :

BNA\_G

ClientSampleId :

WC-5MS

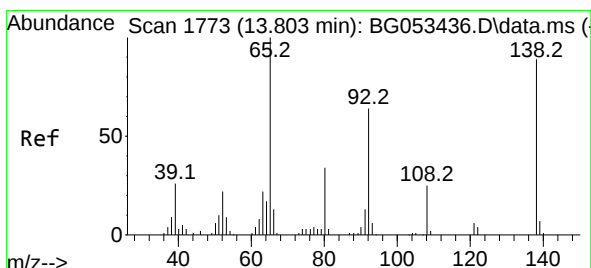
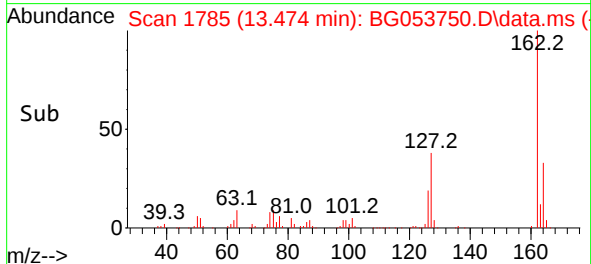
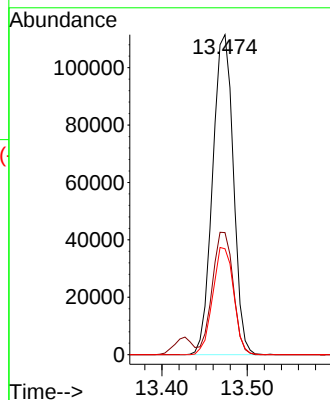
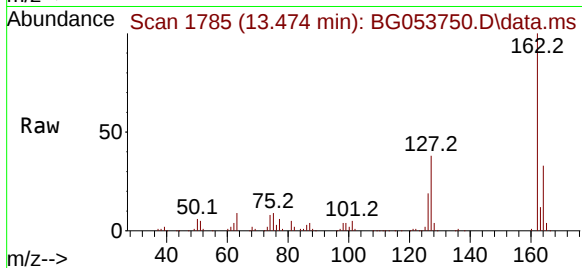
Tgt Ion:162 Resp: 188657

Ion Ratio Lower Upper

162 100

127 38.1 30.6 45.8

164 33.1 26.5 39.7



#48

2-Nitroaniline

Concen: 47.927 ng

RT: 13.680 min Scan# 1820

Delta R.T. -0.005 min

Lab File: BG053750.D

Acq: 28 May 2022 14:31

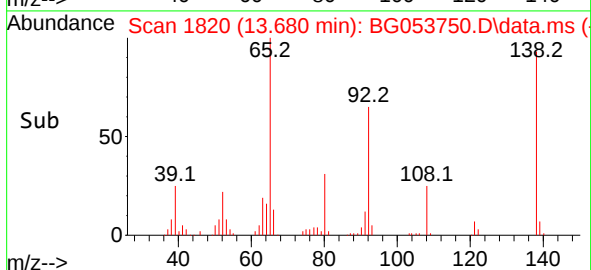
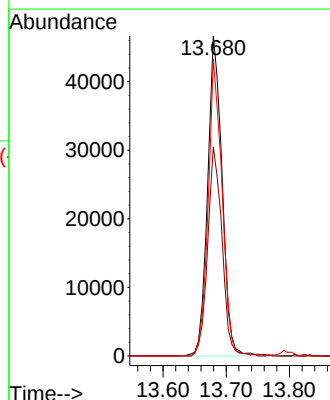
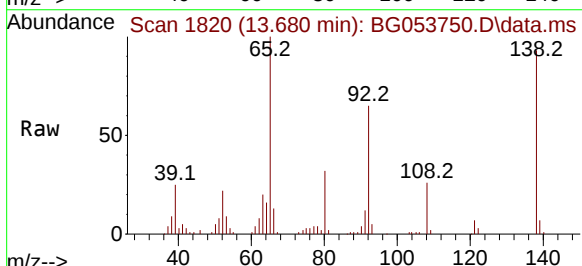
Tgt Ion: 65 Resp: 74333

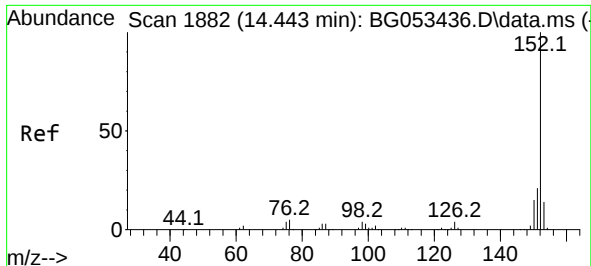
Ion Ratio Lower Upper

65 100

92 65.4 51.5 77.3

138 92.8 71.3 106.9

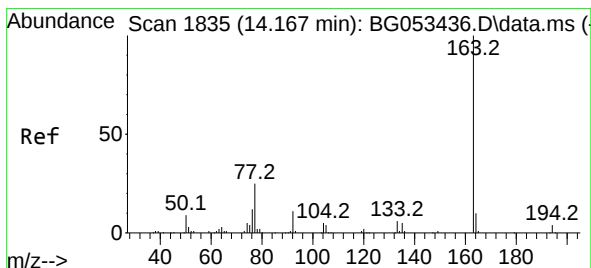
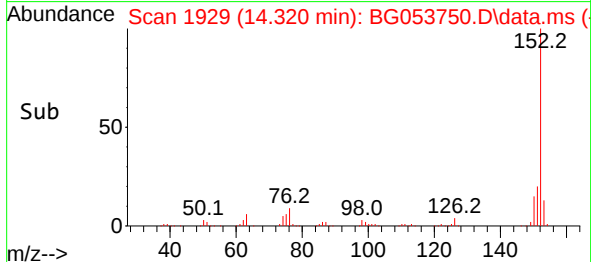
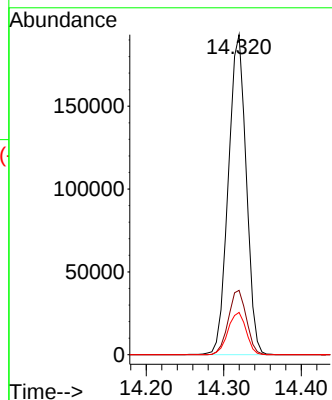
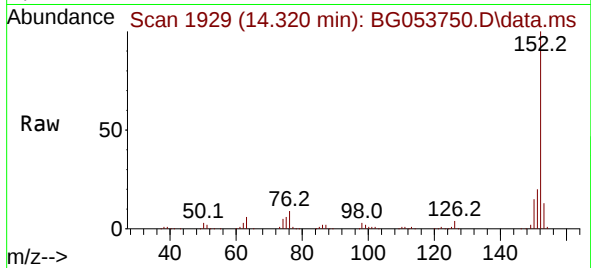




#49  
Acenaphthylene  
Concen: 46.708 ng  
RT: 14.320 min Scan# 1929  
Delta R.T. 0.001 min  
Lab File: BG053750.D  
Acq: 28 May 2022 14:31

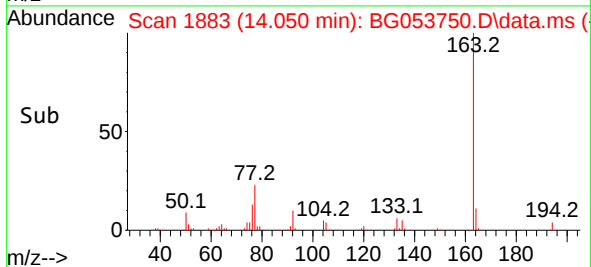
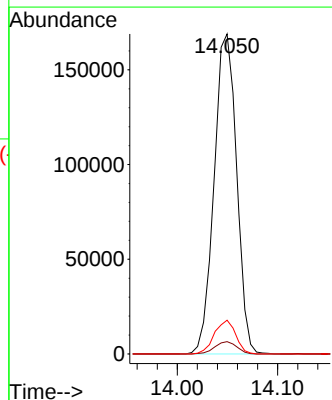
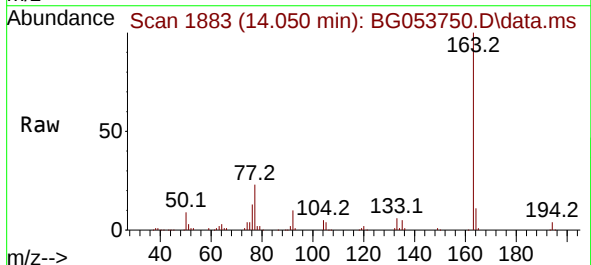
Instrument :  
BNA\_G  
ClientSampleId :  
WC-5MS

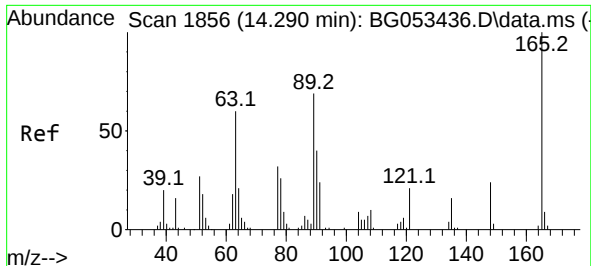
Tgt Ion:152 Resp: 310231  
Ion Ratio Lower Upper  
152 100  
151 20.1 16.4 24.6  
153 13.2 10.8 16.2



#50  
Dimethylphthalate  
Concen: 44.418 ng  
RT: 14.050 min Scan# 1883  
Delta R.T. 0.001 min  
Lab File: BG053750.D  
Acq: 28 May 2022 14:31

Tgt Ion:163 Resp: 263073  
Ion Ratio Lower Upper  
163 100  
194 3.9 3.0 4.6  
164 10.5 8.0 12.0

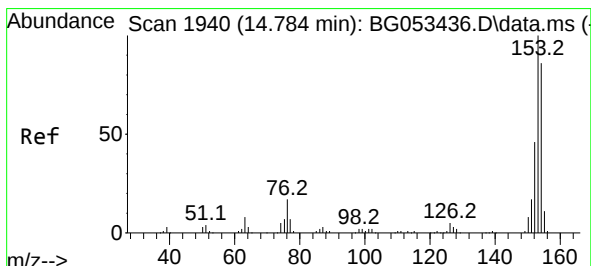
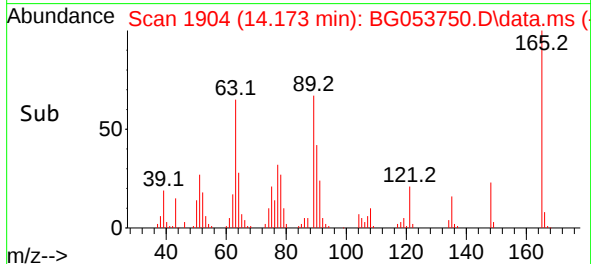
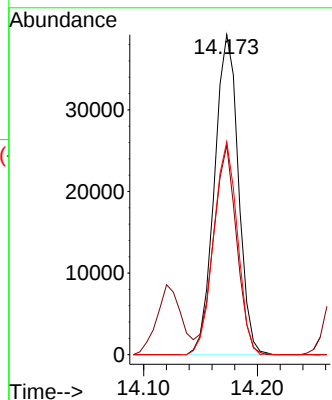
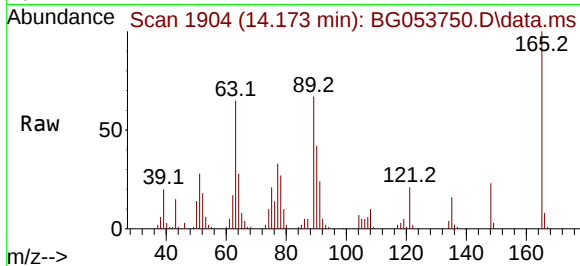




#51  
2,6-Dinitrotoluene  
Concen: 47.527 ng  
RT: 14.173 min Scan# 1904  
Delta R.T. 0.001 min  
Lab File: BG053750.D  
Acq: 28 May 2022 14:31

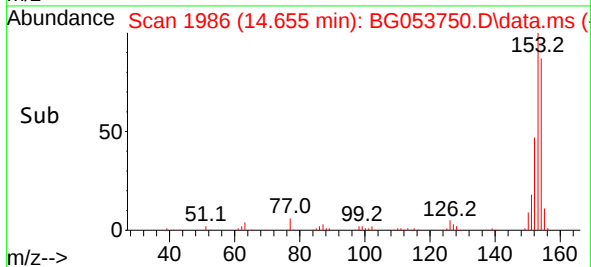
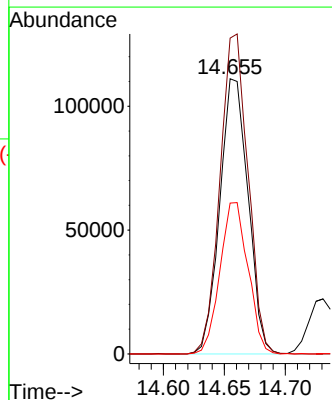
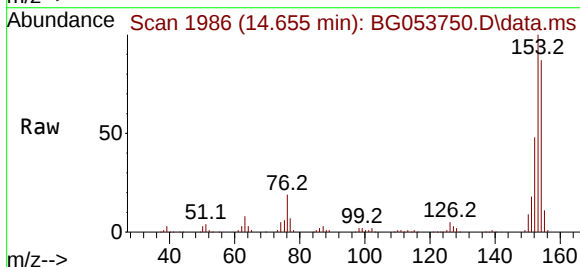
Instrument :  
BNA\_G  
ClientSampleId :  
WC-5MS

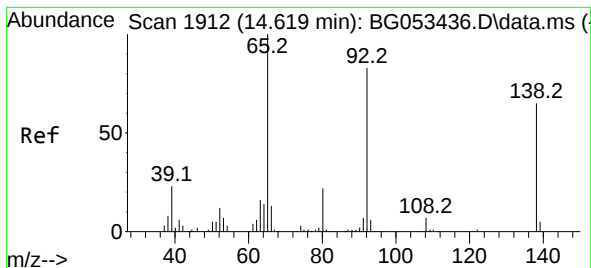
Tgt Ion:165 Resp: 57347  
Ion Ratio Lower Upper  
165 100  
63 65.4 54.1 81.1  
89 66.5 54.8 82.2



#52  
Acenaphthene  
Concen: 45.372 ng  
RT: 14.655 min Scan# 1986  
Delta R.T. -0.005 min  
Lab File: BG053750.D  
Acq: 28 May 2022 14:31

Tgt Ion:154 Resp: 179593  
Ion Ratio Lower Upper  
154 100  
153 114.8 92.7 139.1  
152 54.8 42.6 64.0

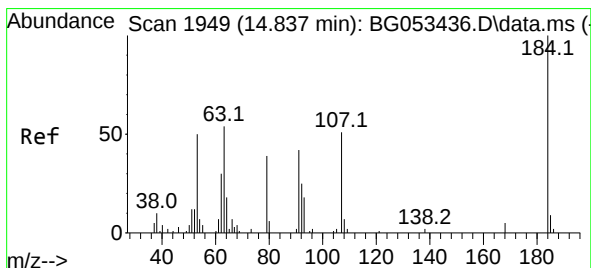
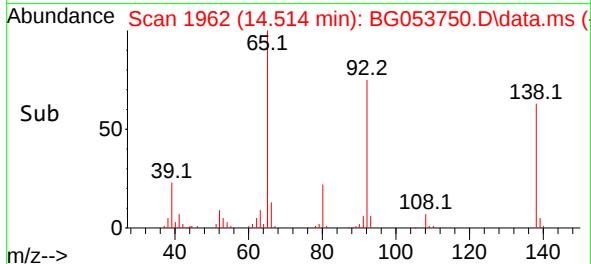
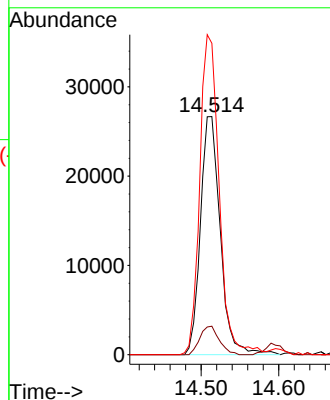
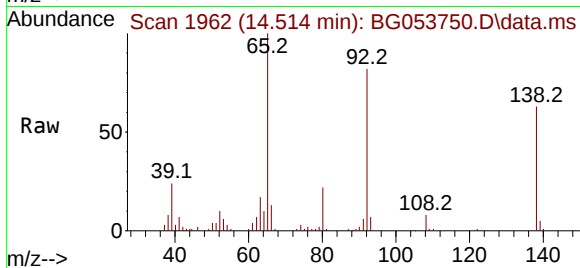




#53  
3-Nitroaniline  
Concen: 36.316 ng  
RT: 14.514 min Scan# 1912  
Delta R.T. 0.001 min  
Lab File: BG053750.D  
Acq: 28 May 2022 14:31

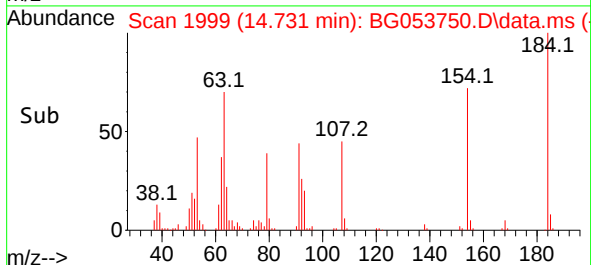
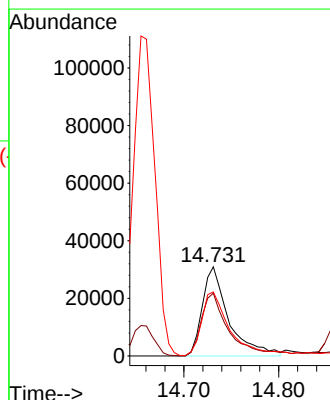
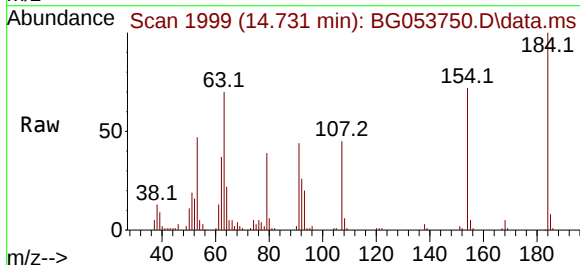
Instrument :  
BNA\_G  
ClientSampleId :  
WC-5MS

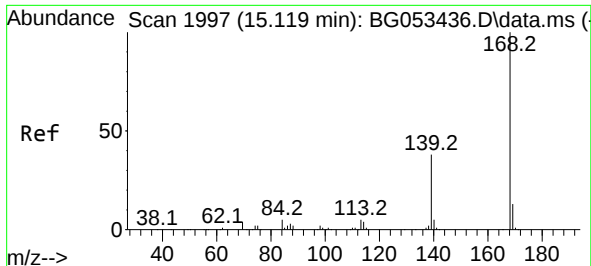
Tgt Ion:138 Resp: 47347  
Ion Ratio Lower Upper  
138 100  
108 12.0 9.2 13.8  
92 130.8 101.9 152.9



#54  
2,4-Dinitrophenol  
Concen: 78.289 ng  
RT: 14.731 min Scan# 1999  
Delta R.T. -0.005 min  
Lab File: BG053750.D  
Acq: 28 May 2022 14:31

Tgt Ion:184 Resp: 59853  
Ion Ratio Lower Upper  
184 100  
63 70.3 61.1 91.7  
154 71.7 60.6 91.0

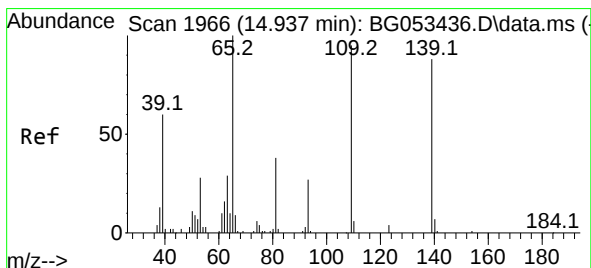
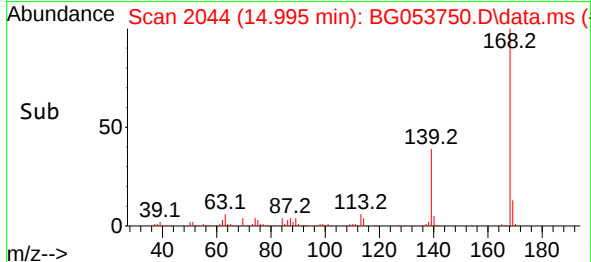
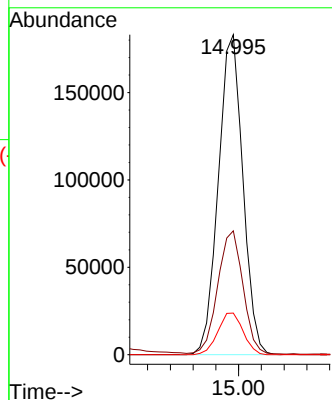
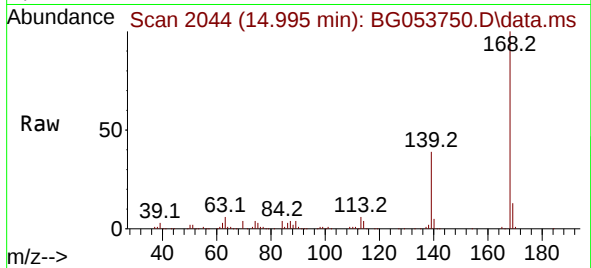




#55  
Dibenzofuran  
Concen: 38.554 ng  
RT: 14.995 min Scan# 2022  
Delta R.T. 0.001 min  
Lab File: BG053750.D  
Acq: 28 May 2022 14:31

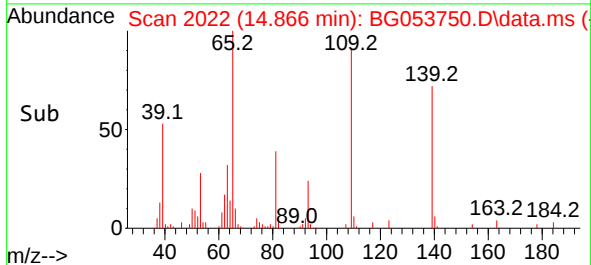
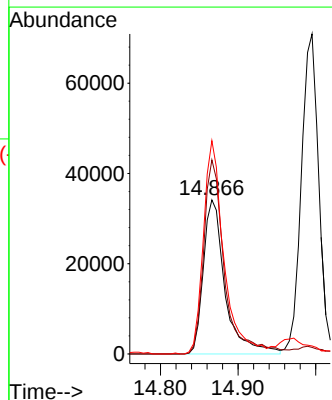
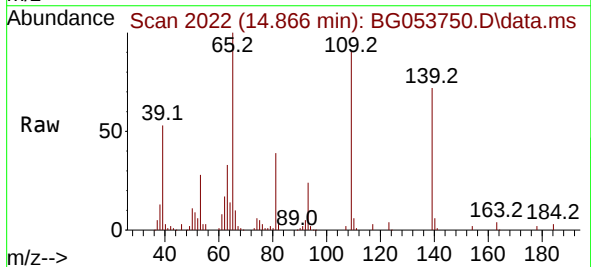
Instrument :  
BNA\_G  
ClientSampleId :  
WC-5MS

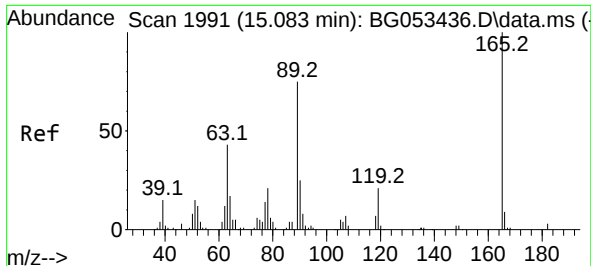
Tgt Ion:168 Resp: 274114  
Ion Ratio Lower Upper  
168 100  
139 38.7 30.5 45.7  
169 13.0 10.3 15.5



#56  
4-Nitrophenol  
Concen: 71.353 ng  
RT: 14.866 min Scan# 2022  
Delta R.T. -0.005 min  
Lab File: BG053750.D  
Acq: 28 May 2022 14:31

Tgt Ion:139 Resp: 66444  
Ion Ratio Lower Upper  
139 100  
109 126.0 88.5 128.5  
65 138.5 93.9 133.9#





#57

2,4-Dinitrotoluene

Concen: 40.610 ng

RT: 14.966 min Scan# 20

Delta R.T. 0.001 min

Lab File: BG053750.D

Acq: 28 May 2022 14:31

Instrument :

BNA\_G

ClientSampleId :

WC-5MS

Tgt Ion:165 Resp: 71028

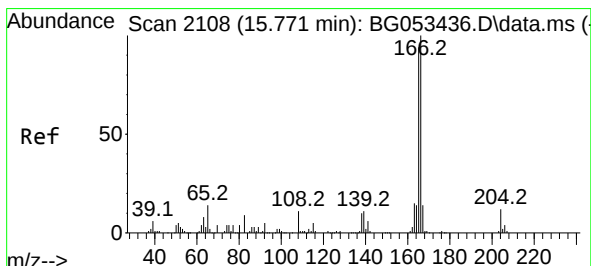
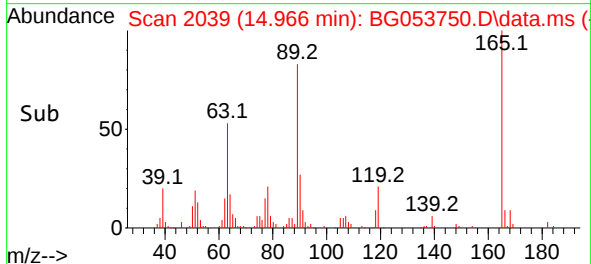
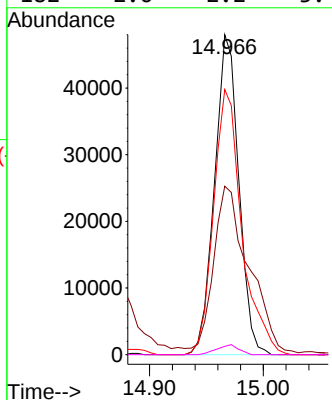
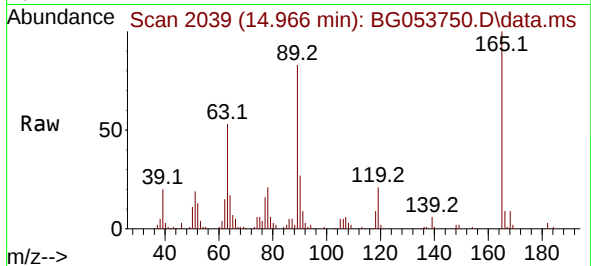
Ion Ratio Lower Upper

165 100

63 52.7 34.6 52.0#

89 82.9 60.3 90.5

182 2.6 2.2 3.4



#58

Fluorene

Concen: 39.547 ng

RT: 15.642 min Scan# 2154

Delta R.T. 0.001 min

Lab File: BG053750.D

Acq: 28 May 2022 14:31

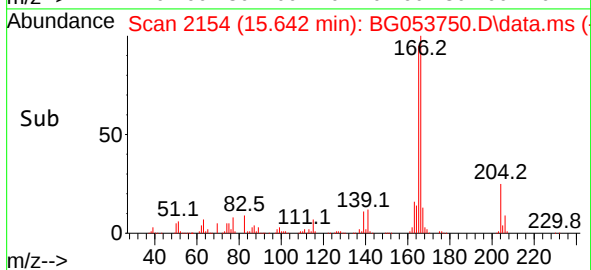
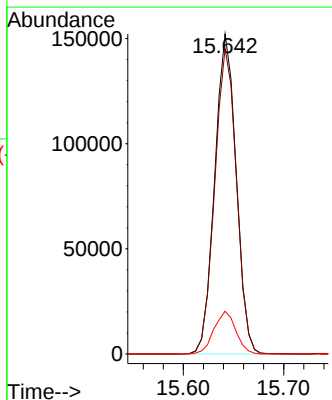
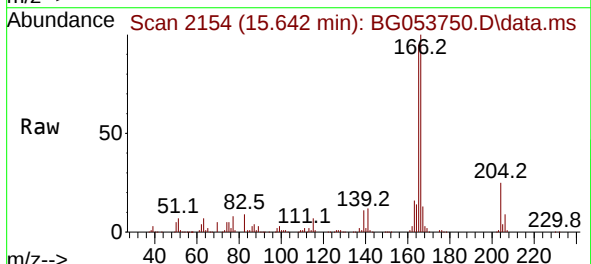
Tgt Ion:166 Resp: 225636

Ion Ratio Lower Upper

166 100

165 95.4 75.0 112.6

167 13.3 10.8 16.2

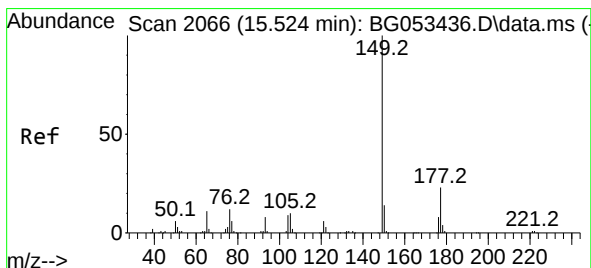
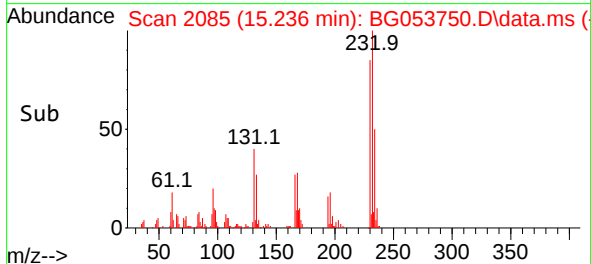
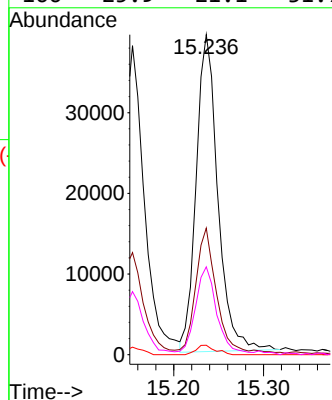
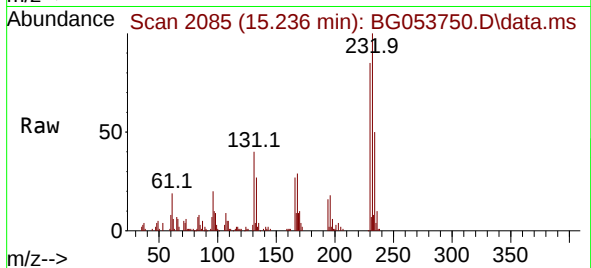




#59  
2,3,4,6-Tetrachlorophenol  
Concen: 38.052 ng  
RT: 15.236 min Scan# 2036  
Delta R.T. 0.001 min  
Lab File: BG053750.D  
Acq: 28 May 2022 14:31

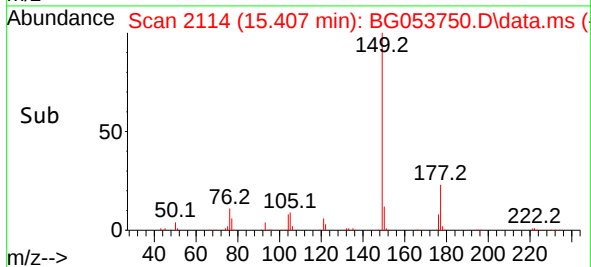
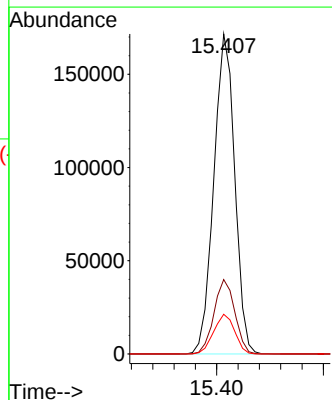
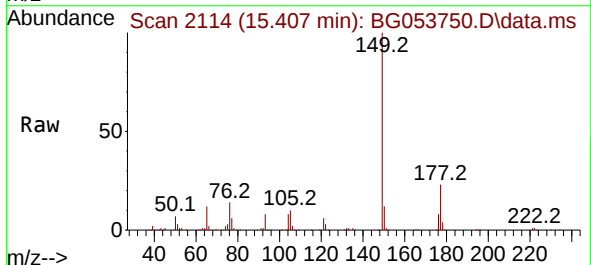
Instrument :  
BNA\_G  
ClientSampleId :  
WC-5MS

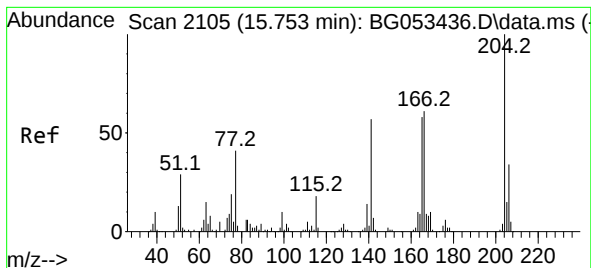
|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 232   | Resp: | 65894 |
| Ion Ratio | Lower | Upper |       |
| 232       | 100   |       |       |
| 131       | 38.4  | 30.6  | 46.0  |
| 130       | 2.6   | 1.8   | 2.8   |
| 166       | 25.9  | 21.1  | 31.7  |



#60  
Diethylphthalate  
Concen: 38.145 ng  
RT: 15.407 min Scan# 2114  
Delta R.T. 0.001 min  
Lab File: BG053750.D  
Acq: 28 May 2022 14:31

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 149   | Resp: | 233370 |
| Ion Ratio | Lower | Upper |        |
| 149       | 100   |       |        |
| 177       | 23.2  | 18.4  | 27.6   |
| 150       | 12.4  | 11.2  | 16.8   |

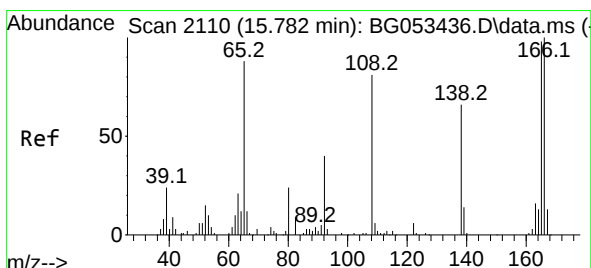
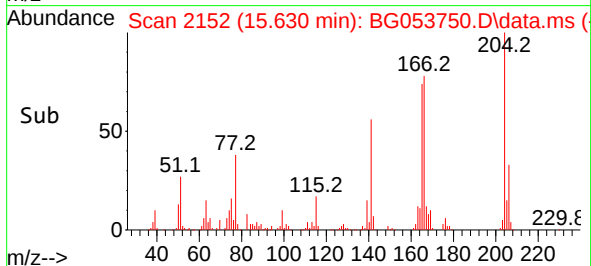
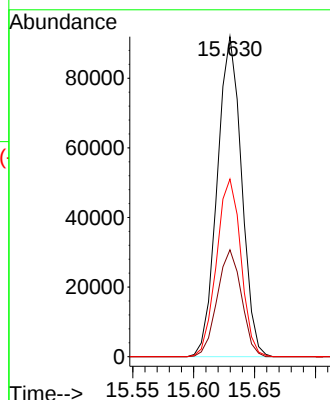
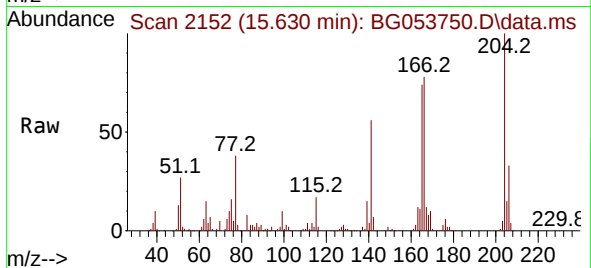




#61  
4-Chlorophenyl-phenylether  
Concen: 40.157 ng  
RT: 15.630 min Scan# 2105  
Delta R.T. 0.001 min  
Lab File: BG053750.D  
Acq: 28 May 2022 14:31

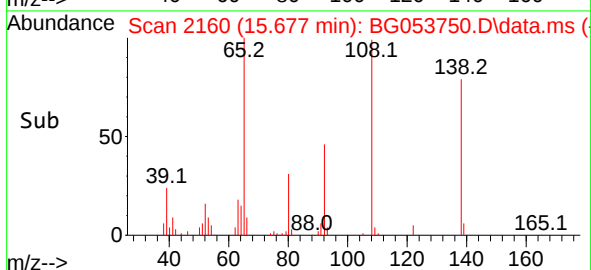
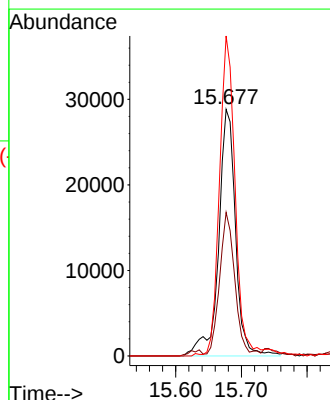
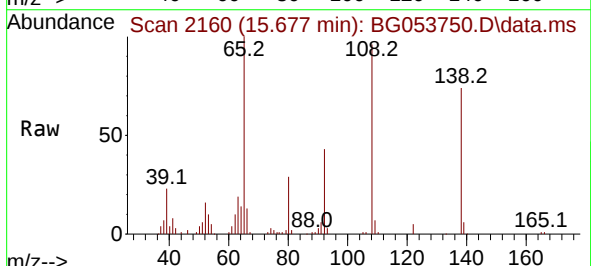
Instrument :  
BNA\_G  
ClientSampleId :  
WC-5MS

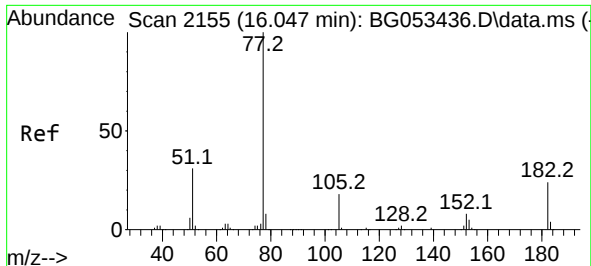
Tgt Ion:204 Resp: 127850  
Ion Ratio Lower Upper  
204 100  
206 33.4 27.5 41.3  
141 55.5 45.3 67.9



#62  
4-Nitroaniline  
Concen: 38.036 ng  
RT: 15.677 min Scan# 2160  
Delta R.T. 0.001 min  
Lab File: BG053750.D  
Acq: 28 May 2022 14:31

Tgt Ion:138 Resp: 51434  
Ion Ratio Lower Upper  
138 100  
92 58.2 40.5 80.5  
108 129.8 103.7 143.7

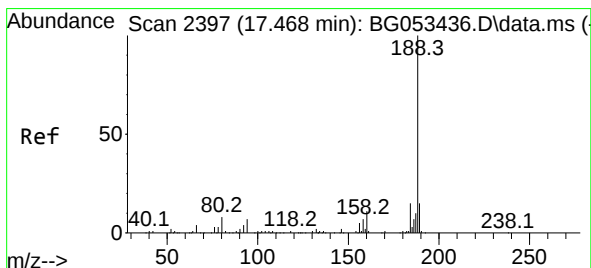
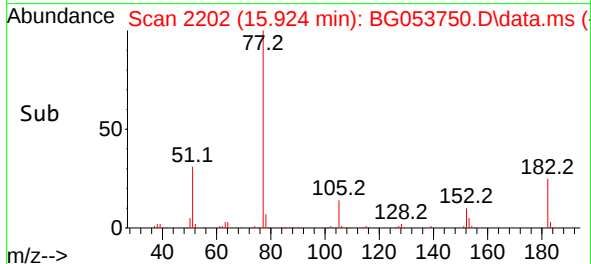
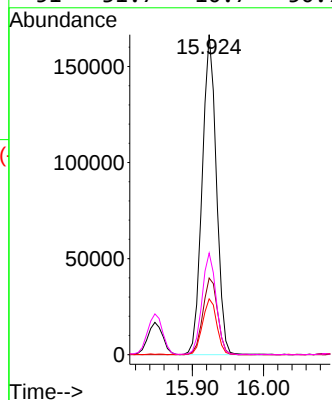
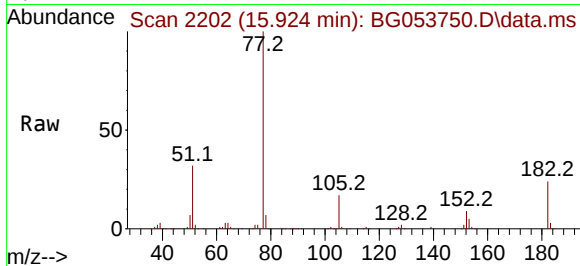




#63  
Azobenzene  
Concen: 37.048 ng  
RT: 15.924 min Scan# 2155  
Delta R.T. 0.001 min  
Lab File: BG053750.D  
Acq: 28 May 2022 14:31

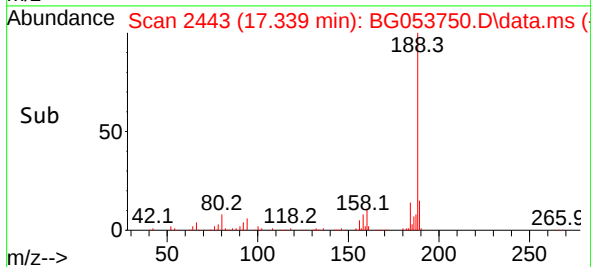
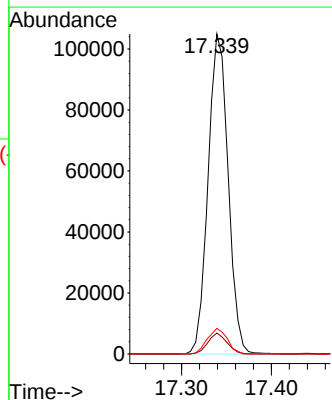
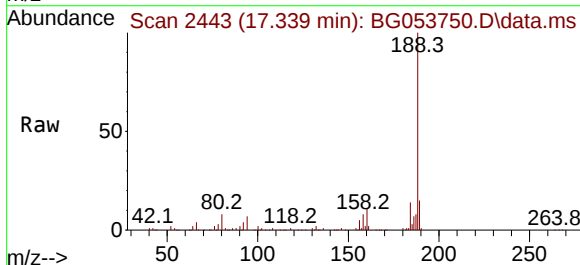
Instrument :  
BNA\_G  
ClientSampleId :  
WC-5MS

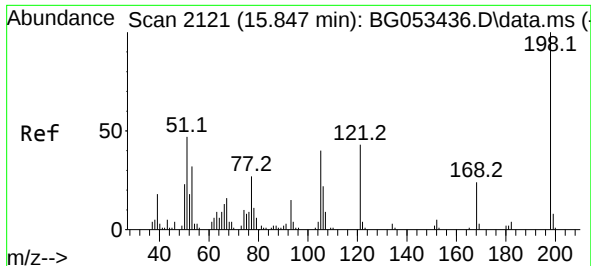
|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 77    | Resp: | 232097 |
| Ion      | Ratio | Lower | Upper  |
| 77       | 100   |       |        |
| 182      | 23.9  | 3.8   | 43.8   |
| 105      | 17.4  | 0.0   | 37.8   |
| 51       | 31.7  | 10.7  | 50.7   |



#64  
Phenanthrene-d10  
Concen: 20.000 ng  
RT: 17.339 min Scan# 2443  
Delta R.T. -0.005 min  
Lab File: BG053750.D  
Acq: 28 May 2022 14:31

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 188   | Resp: | 162475 |
| Ion      | Ratio | Lower | Upper  |
| 188      | 100   |       |        |
| 94       | 6.5   | 5.4   | 8.0    |
| 80       | 8.0   | 6.8   | 10.2   |

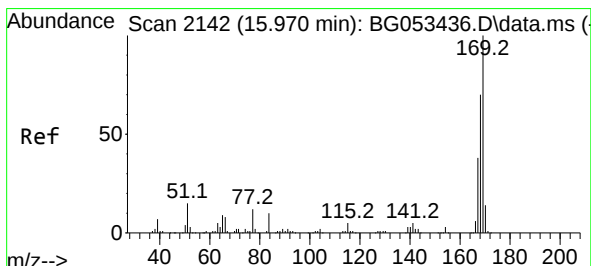
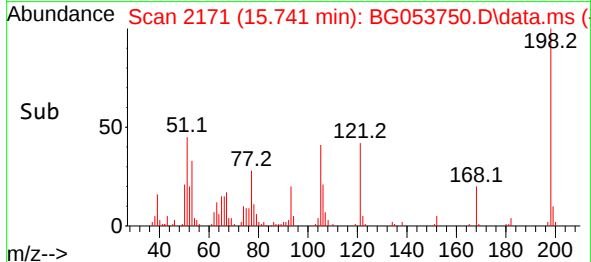
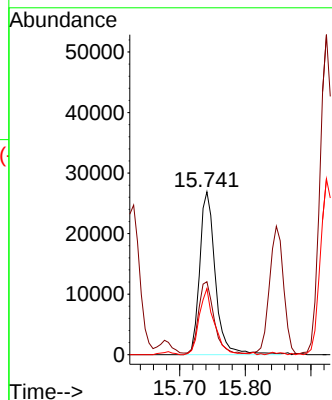
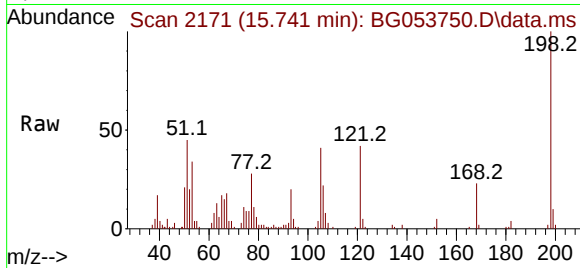




#65  
4,6-Dinitro-2-methylphenol  
Concen: 46.208 ng  
RT: 15.741 min Scan# 2118  
Delta R.T. 0.001 min  
Lab File: BG053750.D  
Acq: 28 May 2022 14:31

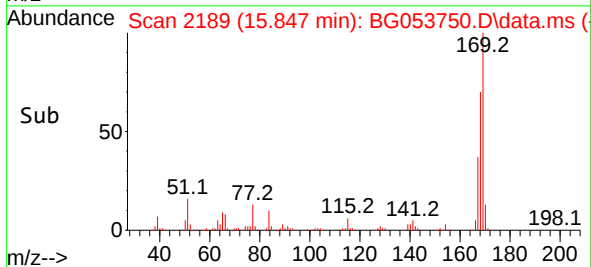
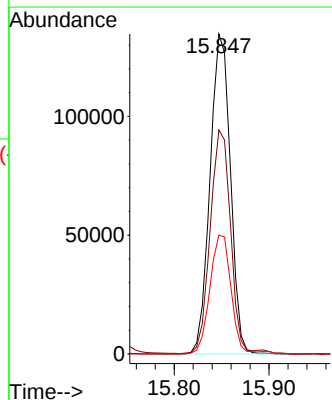
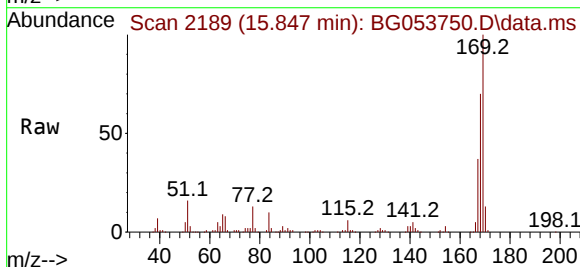
Instrument :  
BNA\_G  
ClientSampleId :  
WC-5MS

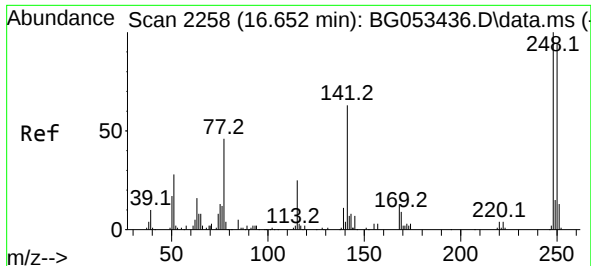
Tgt Ion:198 Resp: 44736  
Ion Ratio Lower Upper  
198 100  
51 44.8 28.1 68.1  
105 40.6 20.3 60.3



#66  
n-Nitrosodiphenylamine  
Concen: 47.036 ng  
RT: 15.847 min Scan# 2189  
Delta R.T. 0.001 min  
Lab File: BG053750.D  
Acq: 28 May 2022 14:31

Tgt Ion:169 Resp: 200649  
Ion Ratio Lower Upper  
169 100  
168 70.0 55.9 83.9  
167 37.2 30.6 46.0

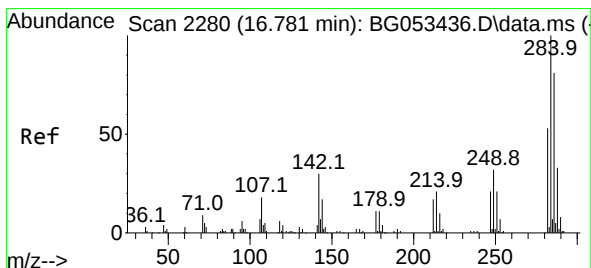
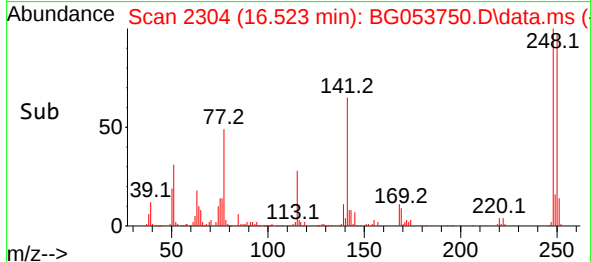
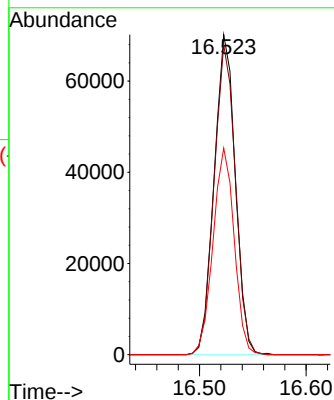
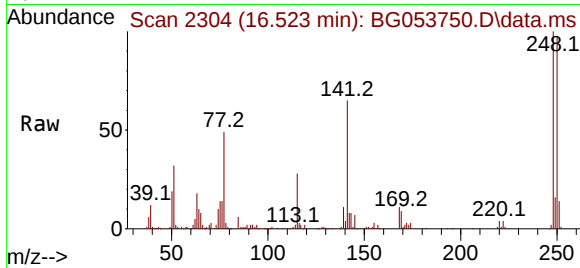




#67  
4-Bromophenyl-phenylether  
Concen: 51.067 ng  
RT: 16.523 min Scan# 21  
Delta R.T. -0.005 min  
Lab File: BG053750.D  
Acq: 28 May 2022 14:31

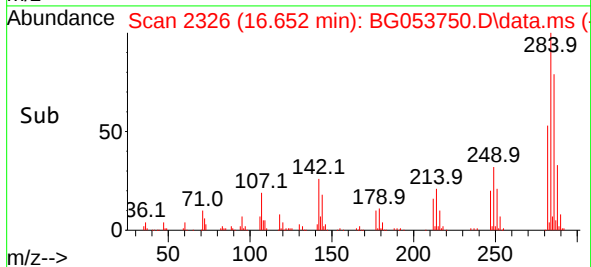
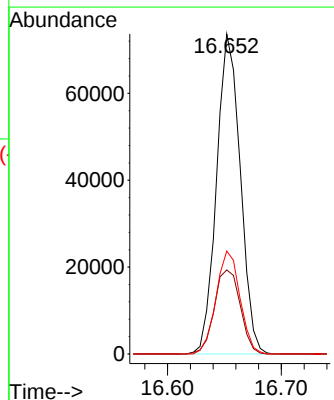
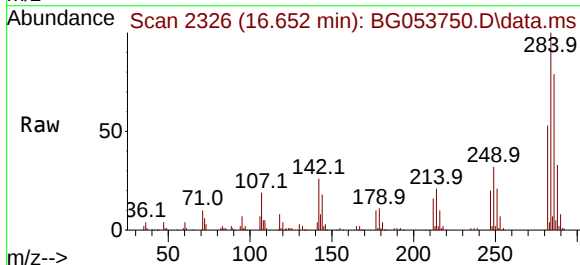
Instrument :  
BNA\_G  
ClientSampleId :  
WC-5MS

Tgt Ion:248 Resp: 96901  
Ion Ratio Lower Upper  
248 100  
250 96.8 75.2 112.8  
141 64.5 50.0 75.0



#68  
Hexachlorobenzene  
Concen: 51.298 ng  
RT: 16.652 min Scan# 2326  
Delta R.T. -0.005 min  
Lab File: BG053750.D  
Acq: 28 May 2022 14:31

Tgt Ion:284 Resp: 106604  
Ion Ratio Lower Upper  
284 100  
142 26.3 23.6 35.4  
249 32.1 25.8 38.6





#69

Atrazine

Concen: 48.980 ng

RT: 16.799 min Scan# 21

Delta R.T. 0.001 min

Lab File: BG053750.D

Acq: 28 May 2022 14:31

Instrument :

BNA\_G

ClientSampleId :

WC-5MS

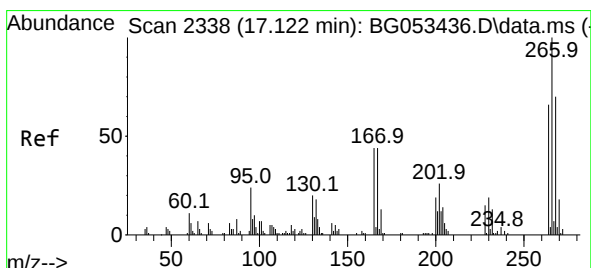
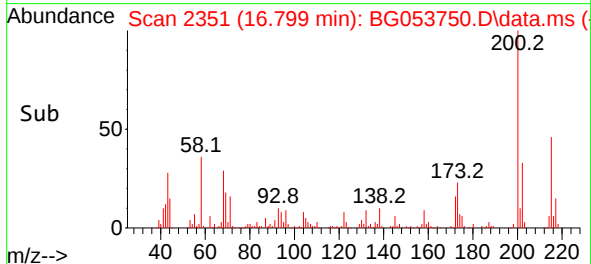
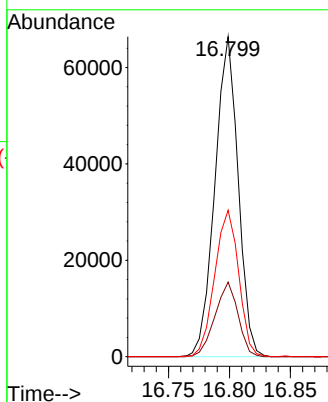
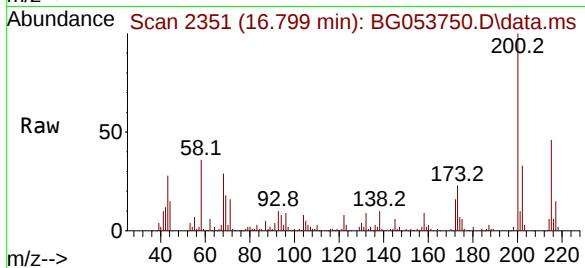
Tgt Ion:200 Resp: 87959

Ion Ratio Lower Upper

200 100

173 23.3 3.7 43.7

215 45.7 25.2 65.2



#70

Pentachlorophenol

Concen: 79.234 ng

RT: 17.010 min Scan# 2387

Delta R.T. -0.005 min

Lab File: BG053750.D

Acq: 28 May 2022 14:31

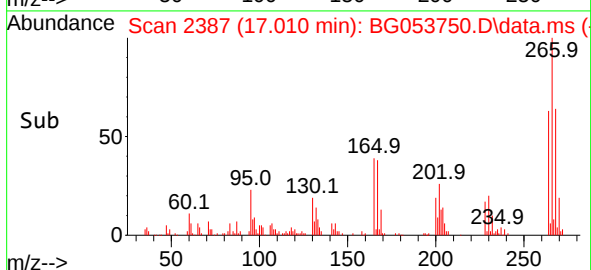
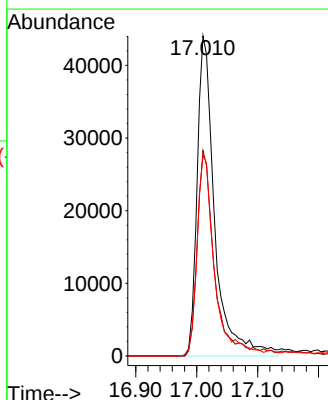
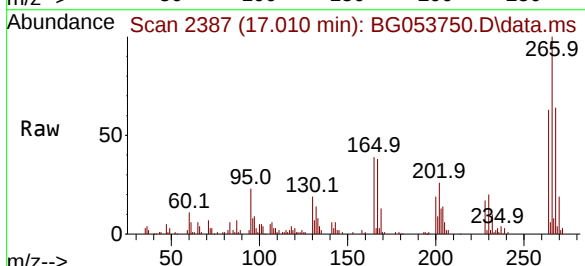
Tgt Ion:266 Resp: 88622

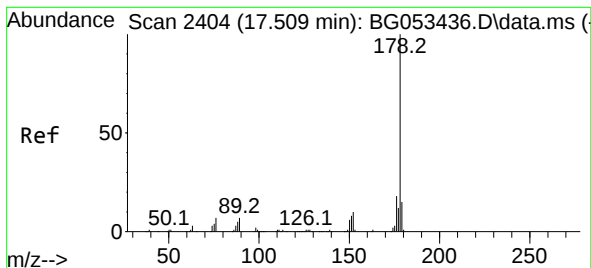
Ion Ratio Lower Upper

266 100

268 64.2 56.2 84.2

264 62.6 53.0 79.4





#71

Phenanthrene

Concen: 46.439 ng

RT: 17.386 min Scan# 2404

Delta R.T. 0.001 min

Lab File: BG053750.D

Acq: 28 May 2022 14:31

Instrument :

BNA\_G

ClientSampleId :

WC-5MS

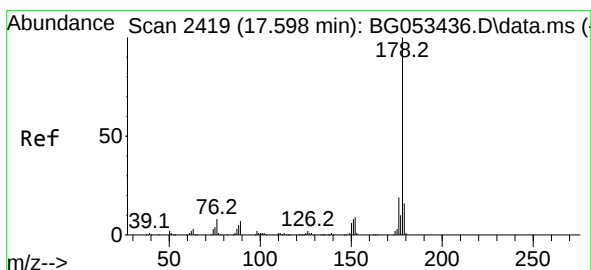
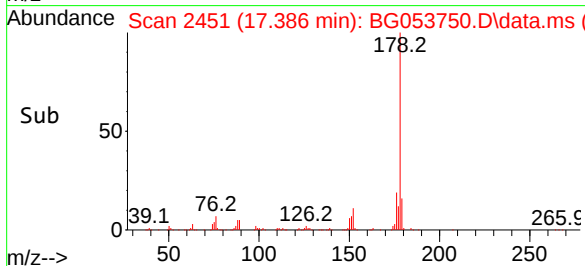
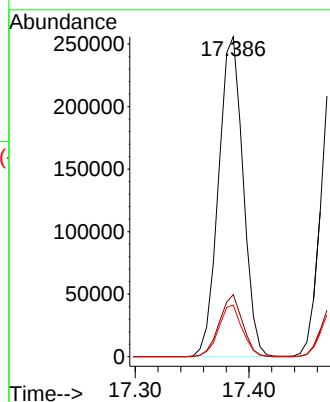
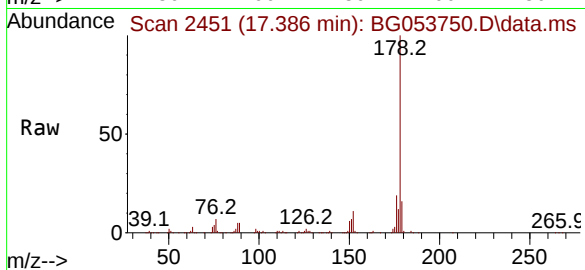
Tgt Ion:178 Resp: 383654

Ion Ratio Lower Upper

178 100

176 19.4 14.1 21.1

179 16.2 12.1 18.1



#72

Anthracene

Concen: 47.331 ng

RT: 17.474 min Scan# 2466

Delta R.T. 0.001 min

Lab File: BG053750.D

Acq: 28 May 2022 14:31

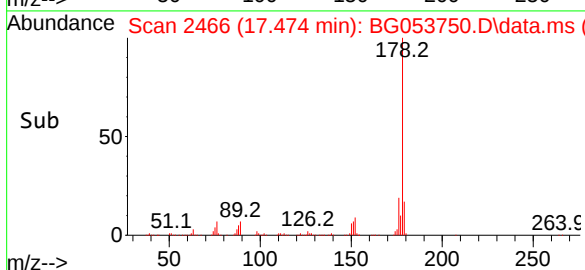
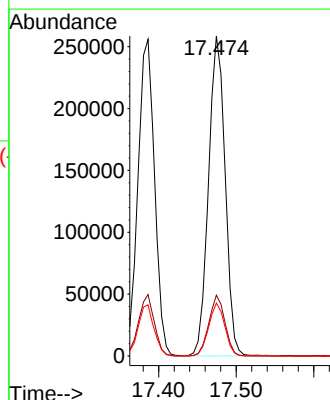
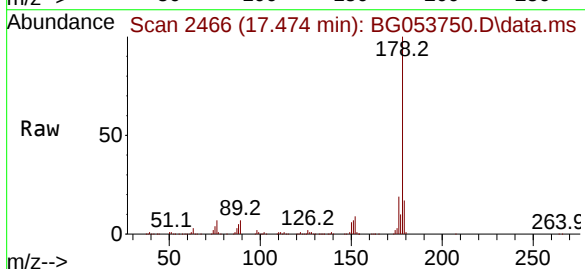
Tgt Ion:178 Resp: 384344

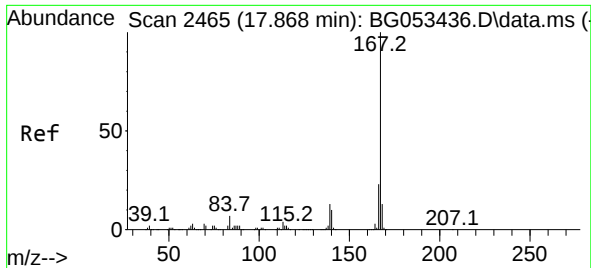
Ion Ratio Lower Upper

178 100

176 19.0 15.2 22.8

179 16.6 13.0 19.4

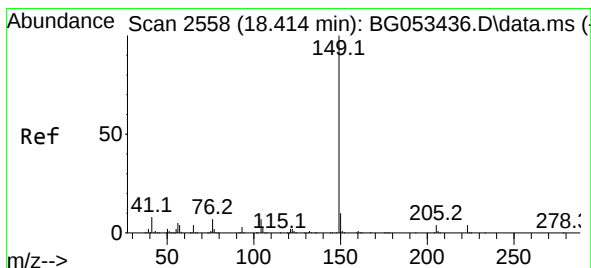
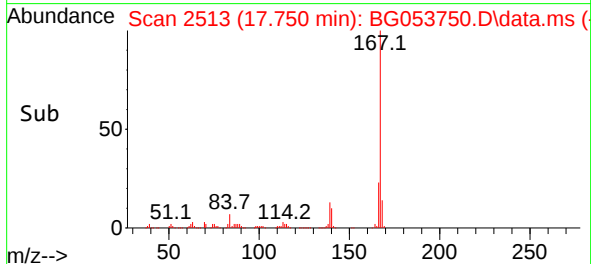
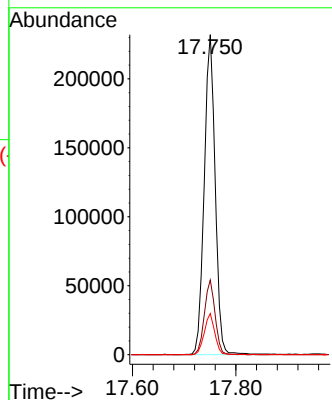
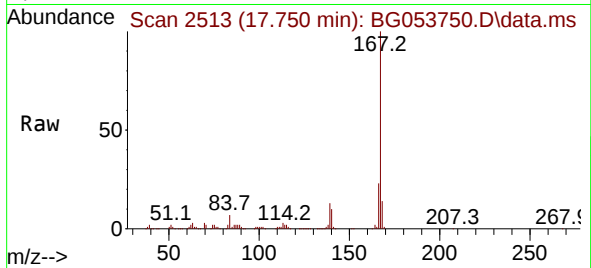




#73  
 Carbazole  
 Concen: 42.902 ng  
 RT: 17.750 min Scan# 21  
 Delta R.T. 0.001 min  
 Lab File: BG053750.D  
 Acq: 28 May 2022 14:31

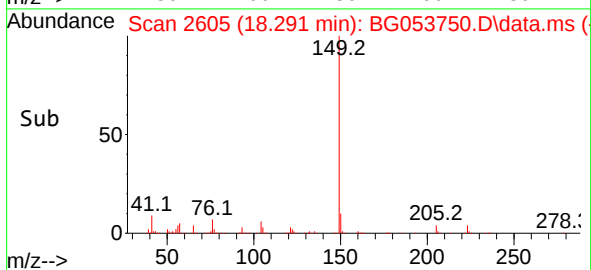
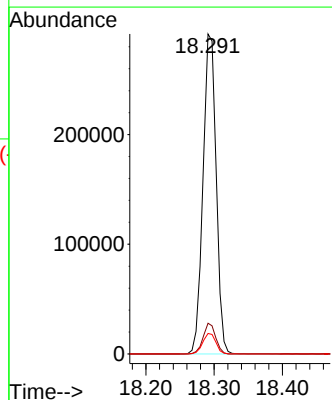
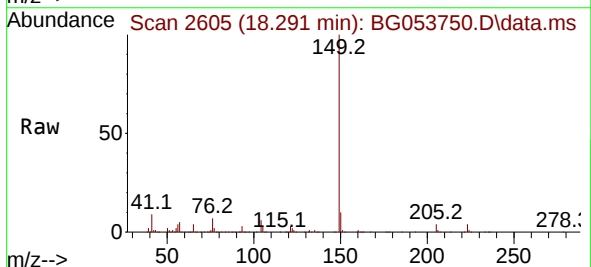
Instrument :  
 BNA\_G  
 ClientSampleId :  
 WC-5MS

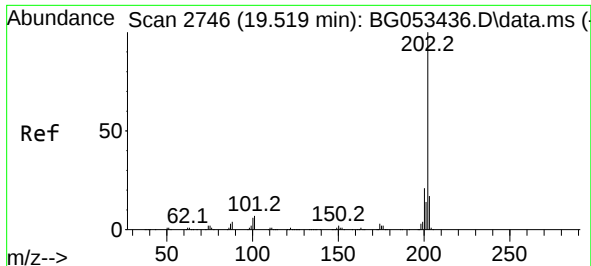
Tgt Ion:167 Resp: 341436  
 Ion Ratio Lower Upper  
 167 100  
 166 23.3 18.2 27.2  
 139 12.9 10.1 15.1



#74  
 Di-n-butylphthalate  
 Concen: 43.835 ng  
 RT: 18.291 min Scan# 2605  
 Delta R.T. -0.005 min  
 Lab File: BG053750.D  
 Acq: 28 May 2022 14:31

Tgt Ion:149 Resp: 392352  
 Ion Ratio Lower Upper  
 149 100  
 150 9.6 7.7 11.5  
 104 6.4 5.4 8.0

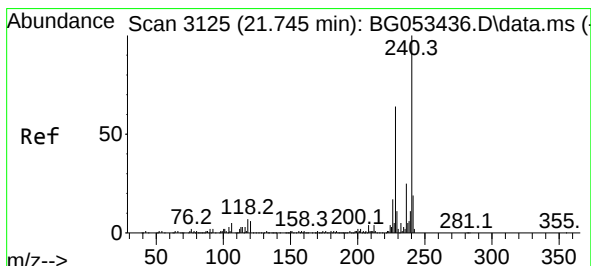
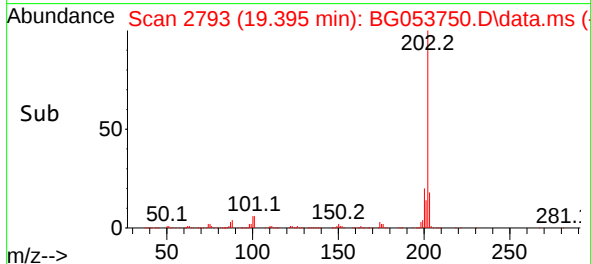
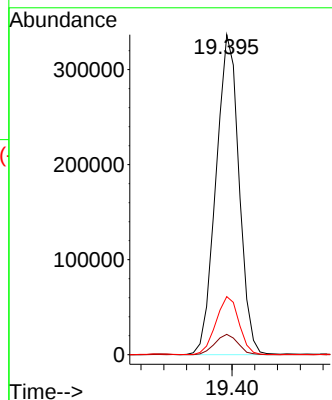
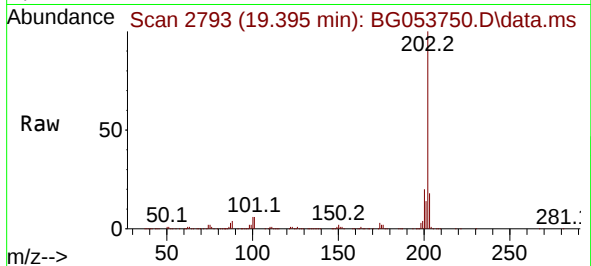




#75  
Fluoranthene  
Concen: 44.380 ng  
RT: 19.395 min Scan# 21  
Delta R.T. 0.001 min  
Lab File: BG053750.D  
Acq: 28 May 2022 14:31

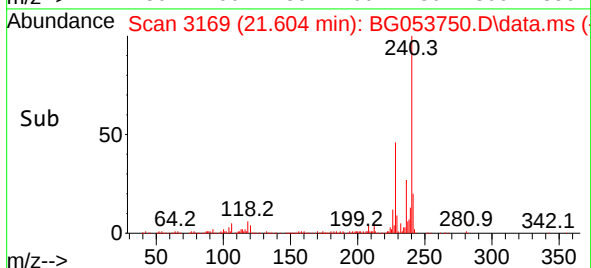
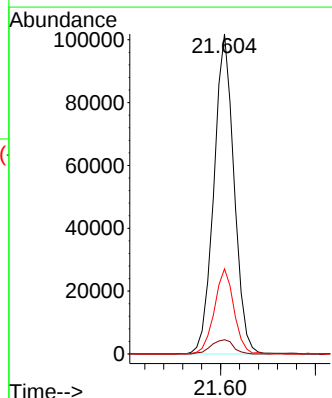
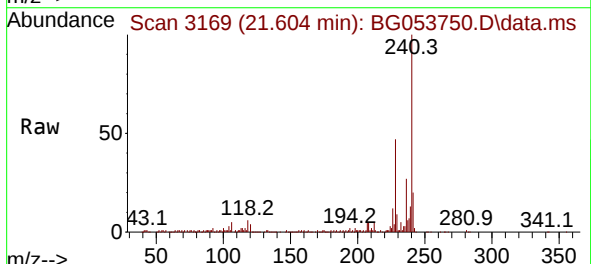
Instrument :  
BNA\_G  
ClientSampleId :  
WC-5MS

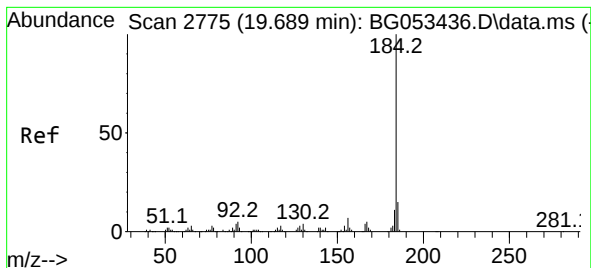
Tgt Ion:202 Resp: 474738  
Ion Ratio Lower Upper  
202 100  
101 6.4 0.0 26.9  
203 18.1 0.0 37.2



#76  
Chrysene-d12  
Concen: 20.000 ng  
RT: 21.604 min Scan# 3169  
Delta R.T. -0.005 min  
Lab File: BG053750.D  
Acq: 28 May 2022 14:31

Tgt Ion:240 Resp: 150215  
Ion Ratio Lower Upper  
240 100  
120 4.4 4.6 7.0#  
236 26.6 20.2 30.4





#77

Benzidine

Concen: 77.536 ng

RT: 19.572 min Scan# 2

Delta R.T. -0.005 min

Lab File: BG053750.D

Acq: 28 May 2022 14:31

Instrument :

BNA\_G

ClientSampleId :

WC-5MS

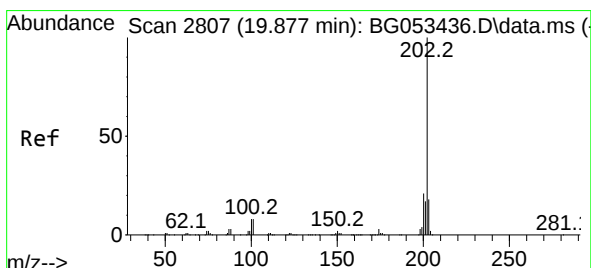
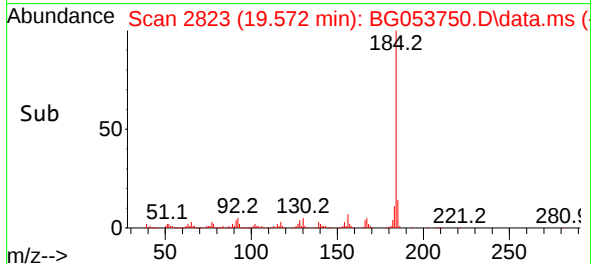
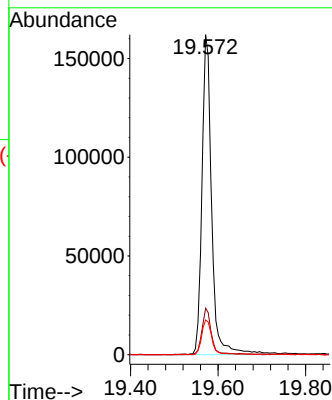
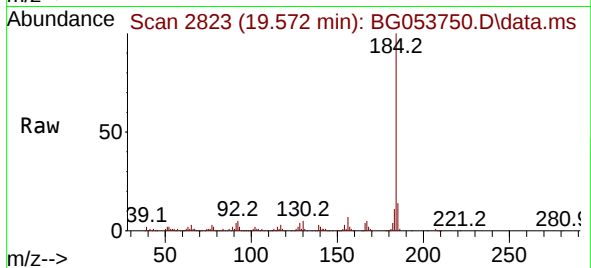
Tgt Ion:184 Resp: 251039

Ion Ratio Lower Upper

184 100

185 14.5 11.8 17.6

183 10.9 8.9 13.3



#78

Pyrene

Concen: 51.674 ng

RT: 19.759 min Scan# 2855

Delta R.T. 0.001 min

Lab File: BG053750.D

Acq: 28 May 2022 14:31

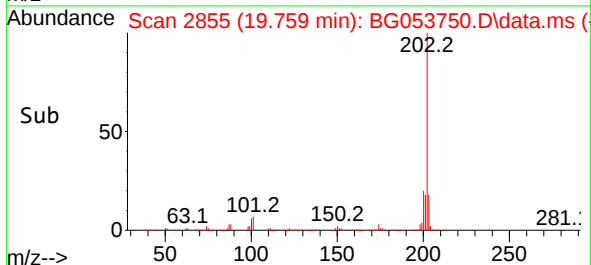
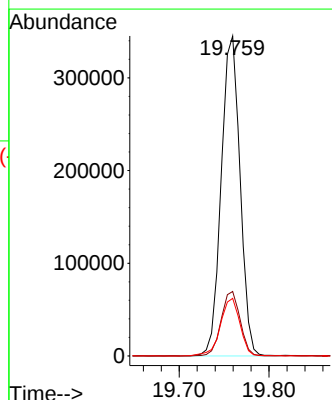
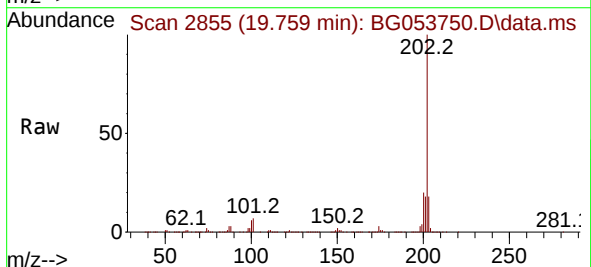
Tgt Ion:202 Resp: 502490

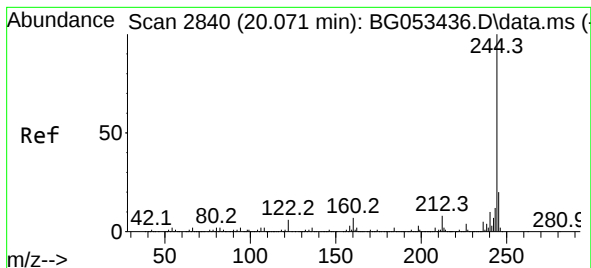
Ion Ratio Lower Upper

202 100

200 20.2 16.6 24.8

203 18.0 14.6 21.8





#79

Terphenyl-d14

Concen: 84.393 ng

RT: 19.953 min Scan# 21

Delta R.T. 0.001 min

Lab File: BG053750.D

Acq: 28 May 2022 14:31

Instrument :

BNA\_G

ClientSampleId :

WC-5MS

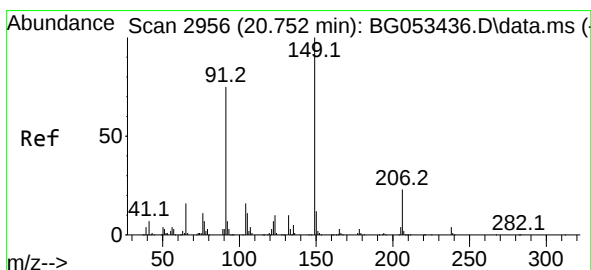
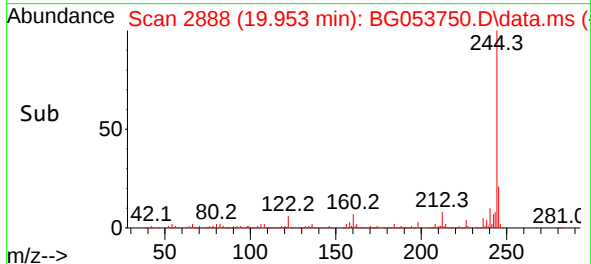
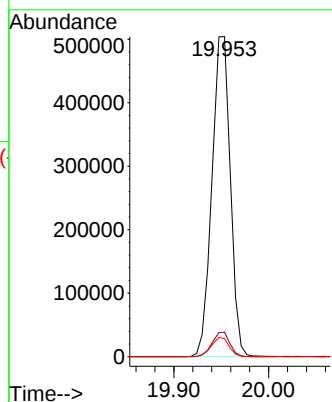
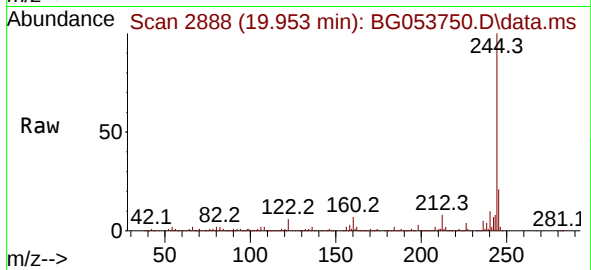
Tgt Ion:244 Resp: 680664

Ion Ratio Lower Upper

244 100

212 7.7 6.5 9.7

122 5.7 5.0 7.4



#80

Butylbenzylphthalate

Concen: 44.621 ng

RT: 20.635 min Scan# 3004

Delta R.T. 0.001 min

Lab File: BG053750.D

Acq: 28 May 2022 14:31

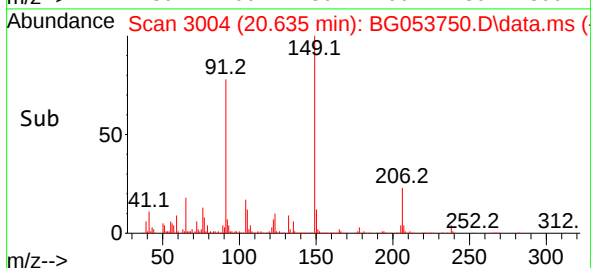
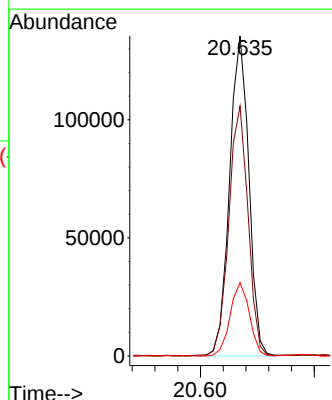
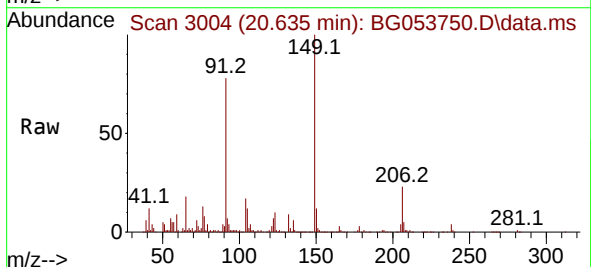
Tgt Ion:149 Resp: 159108

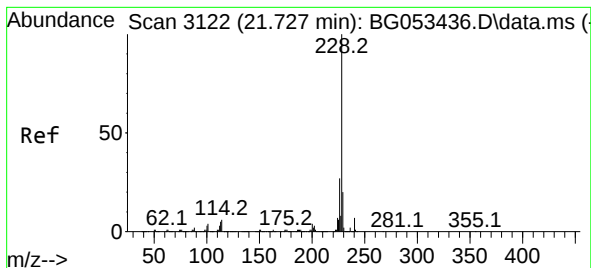
Ion Ratio Lower Upper

149 100

91 78.0 59.6 89.4

206 22.9 18.6 28.0





#81

Benzo(a)anthracene

Concen: 46.896 ng

RT: 21.586 min Scan# 3166

Delta R.T. 0.001 min

Lab File: BG053750.D

Acq: 28 May 2022 14:31

Instrument :

BNA\_G

ClientSampleId :

WC-5MS

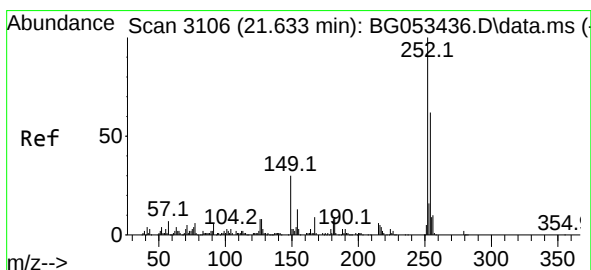
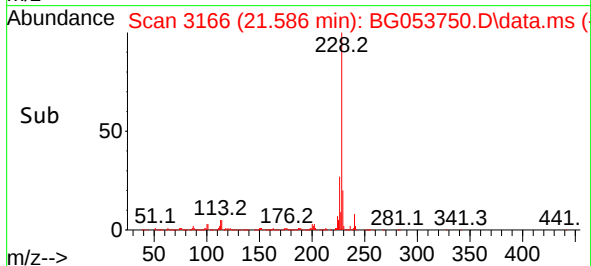
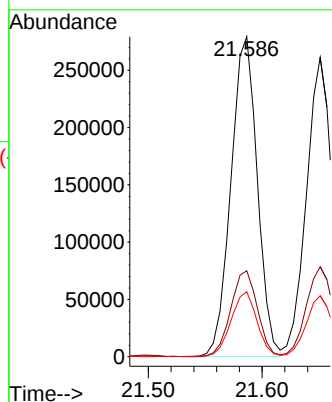
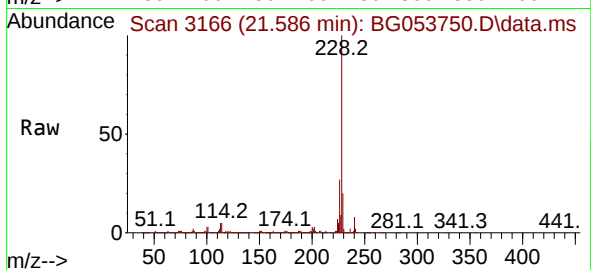
Tgt Ion:228 Resp: 449307

Ion Ratio Lower Upper

228 100

226 26.8 21.6 32.4

229 20.3 16.2 24.2



#82

3,3'-Dichlorobenzidine

Concen: 49.723 ng

RT: 21.498 min Scan# 3151

Delta R.T. 0.001 min

Lab File: BG053750.D

Acq: 28 May 2022 14:31

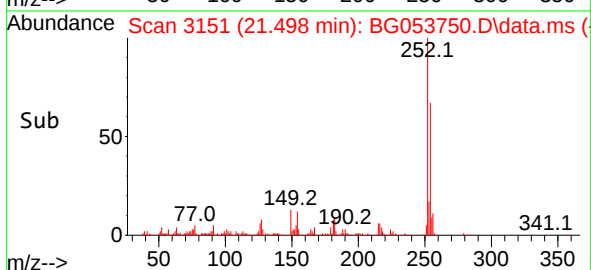
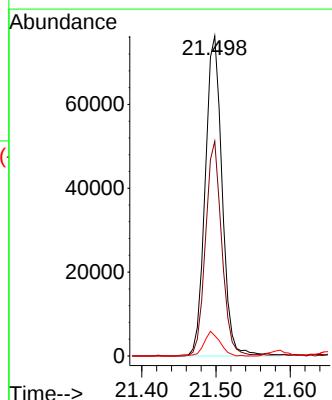
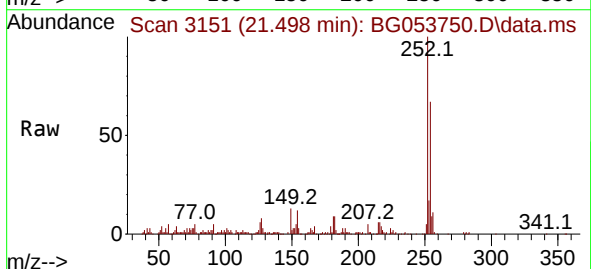
Tgt Ion:252 Resp: 120809

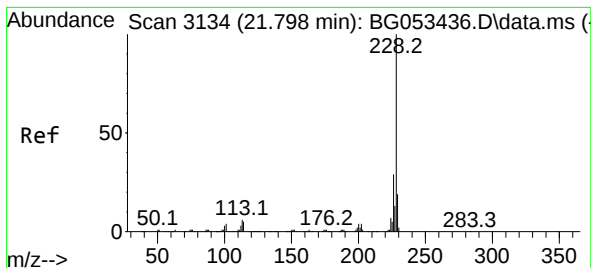
Ion Ratio Lower Upper

252 100

254 67.1 49.8 74.8

126 6.3 6.0 9.0





#83

Chrysene

Concen: 45.896 ng

RT: 21.651 min Scan# 31

Delta R.T. 0.001 min

Lab File: BG053750.D

Acq: 28 May 2022 14:31

Instrument :

BNA\_G

ClientSampleId :

WC-5MS

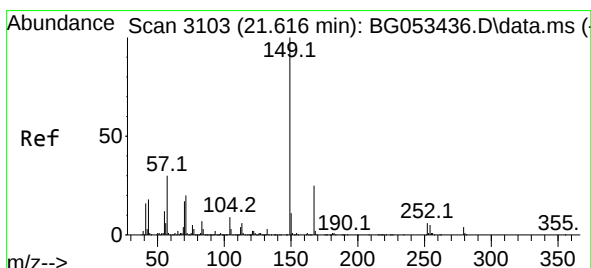
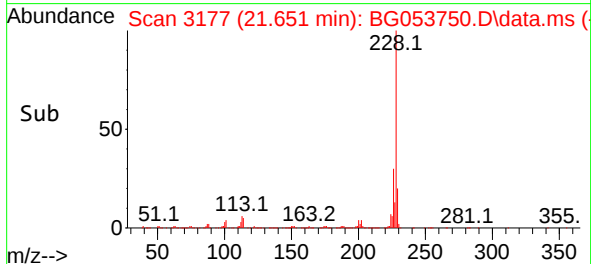
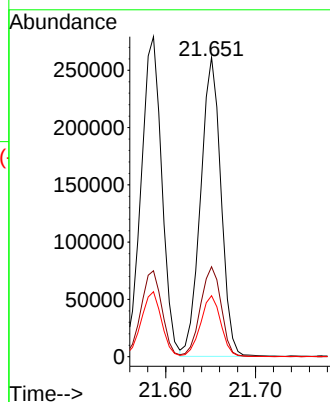
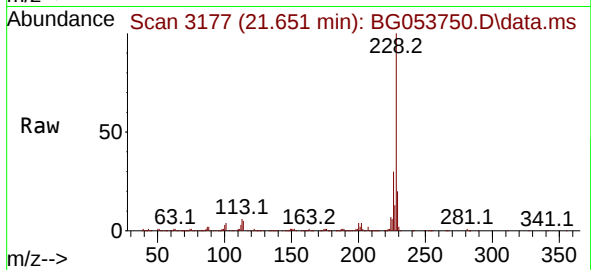
Tgt Ion:228 Resp: 410694

Ion Ratio Lower Upper

228 100

226 30.0 23.4 35.2

229 20.4 15.5 23.3



#84

Bis(2-ethylhexyl)phthalate

Concen: 45.559 ng

RT: 21.481 min Scan# 3148

Delta R.T. 0.001 min

Lab File: BG053750.D

Acq: 28 May 2022 14:31

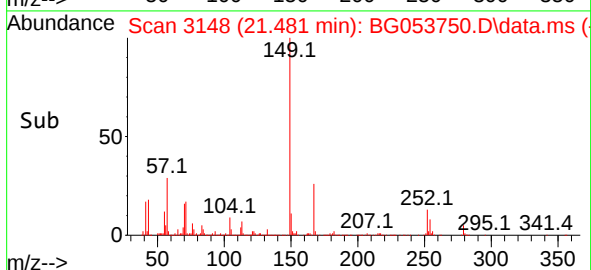
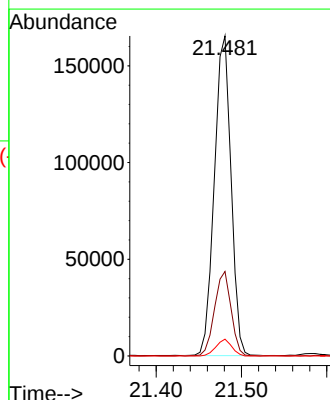
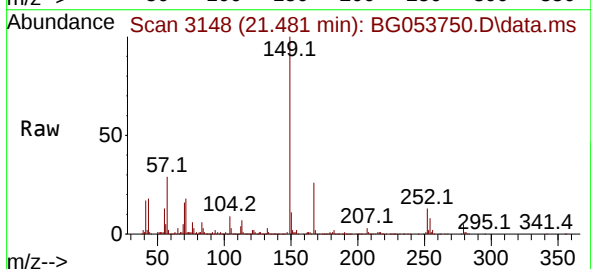
Tgt Ion:149 Resp: 224226

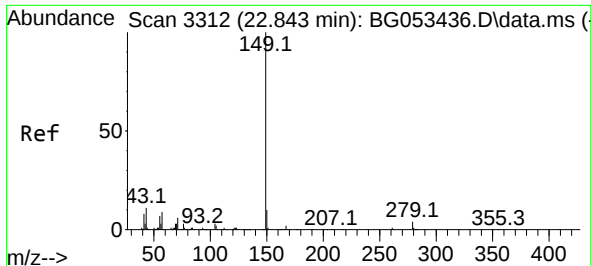
Ion Ratio Lower Upper

149 100

167 26.4 20.2 30.4

279 5.3 3.6 5.4

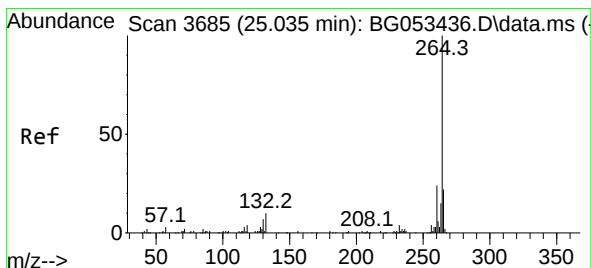
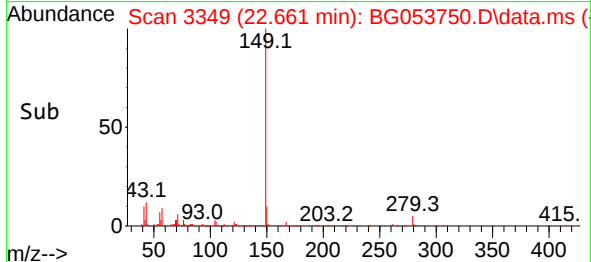
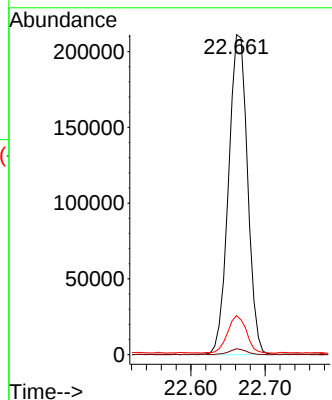
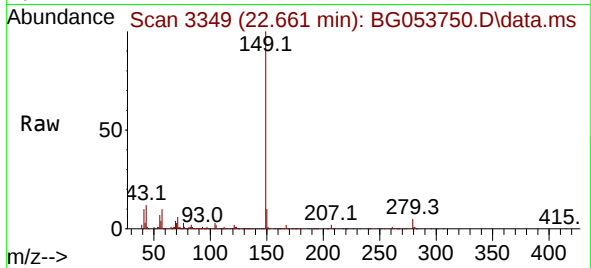




#85  
Di-n-octyl phthalate  
Concen: 45.158 ng  
RT: 22.661 min Scan# 31  
Delta R.T. -0.005 min  
Lab File: BG053750.D  
Acq: 28 May 2022 14:31

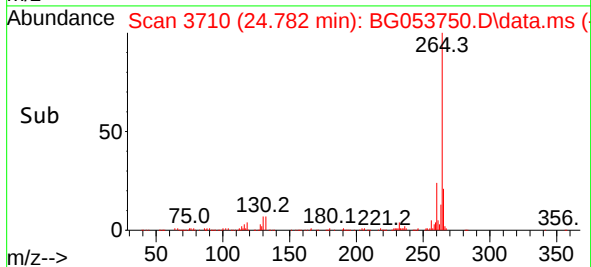
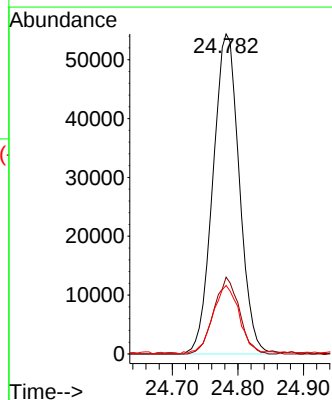
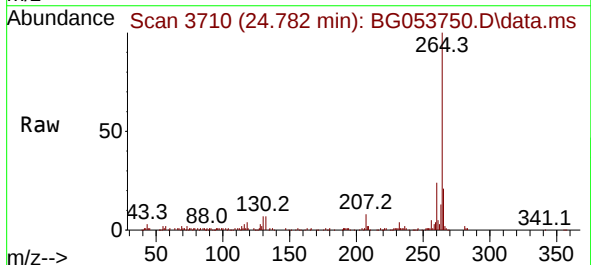
Instrument :  
BNA\_G  
ClientSampleId :  
WC-5MS

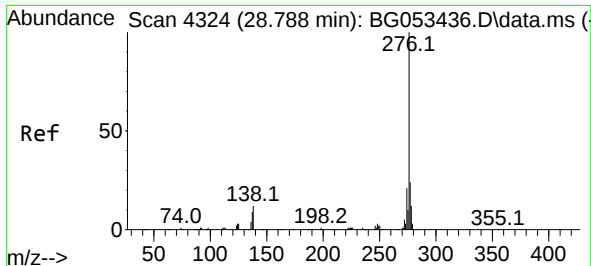
Tgt Ion:149 Resp: 375826  
Ion Ratio Lower Upper  
149 100  
167 1.7 1.3 1.9  
43 11.6 9.0 13.4



#86  
Perylene-d12  
Concen: 20.000 ng  
RT: 24.782 min Scan# 3710  
Delta R.T. -0.005 min  
Lab File: BG053750.D  
Acq: 28 May 2022 14:31

Tgt Ion:264 Resp: 151555  
Ion Ratio Lower Upper  
264 100  
260 24.0 19.0 28.6  
265 21.4 17.4 26.2

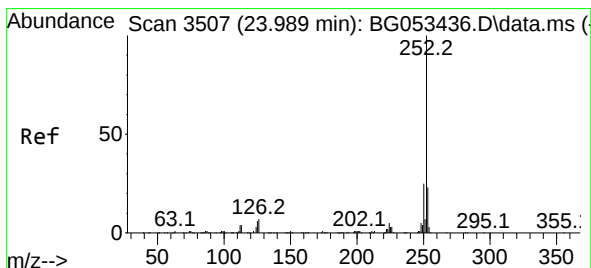
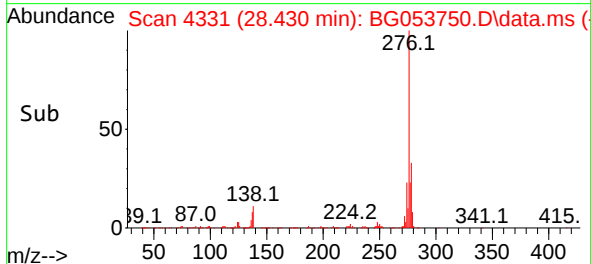
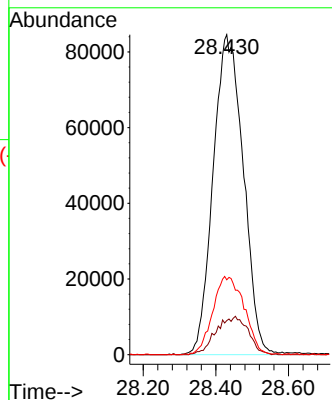
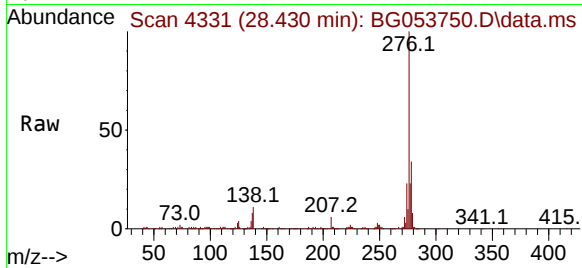




#87  
 Indeno(1,2,3-cd)pyrene  
 Concen: 46.124 ng  
 RT: 28.430 min Scan# 41  
 Delta R.T. -0.005 min  
 Lab File: BG053750.D  
 Acq: 28 May 2022 14:31

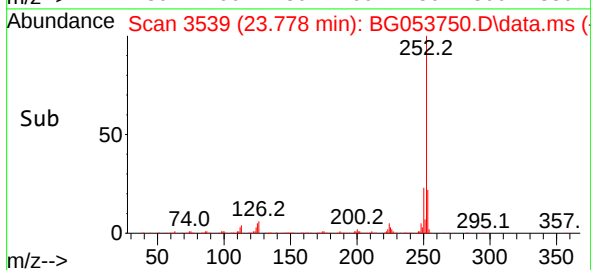
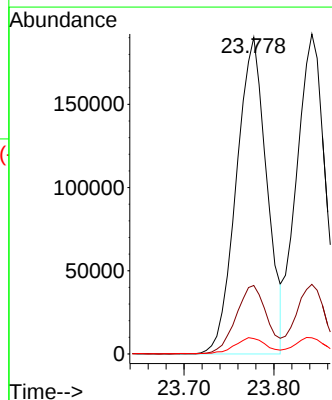
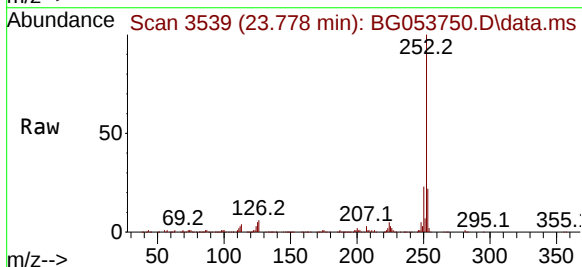
Instrument :  
 BNA\_G  
 ClientSampleId :  
 WC-5MS

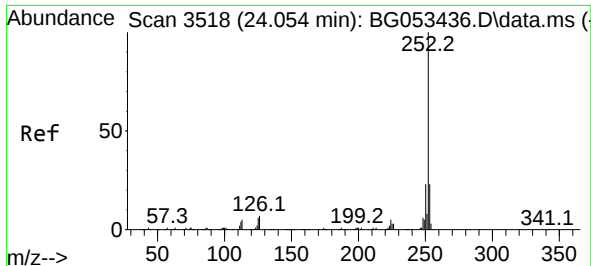
Tgt Ion:276 Resp: 486857  
 Ion Ratio Lower Upper  
 276 100  
 138 0.0 5.0 7.4#  
 277 25.5 20.3 30.5



#88  
 Benzo(b)fluoranthene  
 Concen: 49.904 ng  
 RT: 23.778 min Scan# 3539  
 Delta R.T. 0.001 min  
 Lab File: BG053750.D  
 Acq: 28 May 2022 14:31

Tgt Ion:252 Resp: 447678  
 Ion Ratio Lower Upper  
 252 100  
 253 21.6 18.0 27.0  
 125 4.9 4.6 6.8

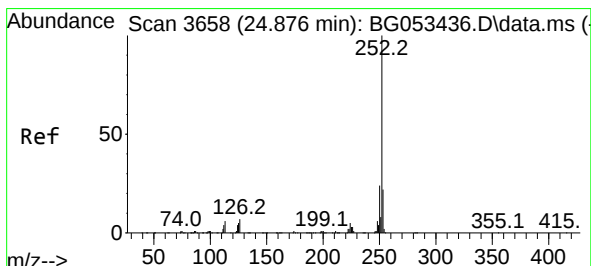
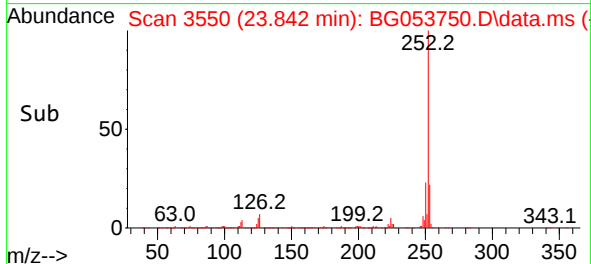
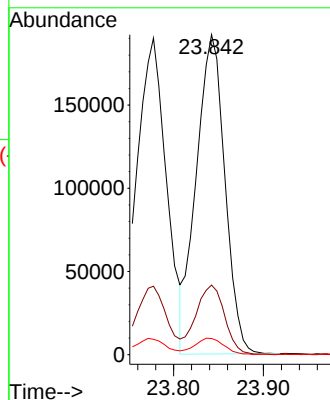
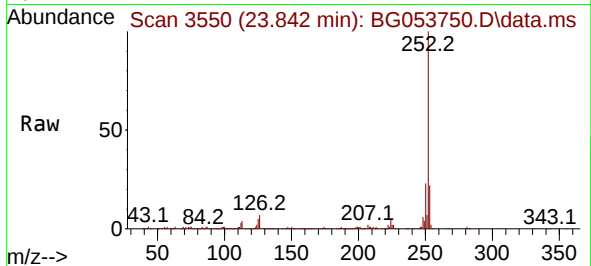




#89  
Benzo(k)fluoranthene  
Concen: 48.154 ng  
RT: 23.842 min Scan# 31  
Delta R.T. 0.001 min  
Lab File: BG053750.D  
Acq: 28 May 2022 14:31

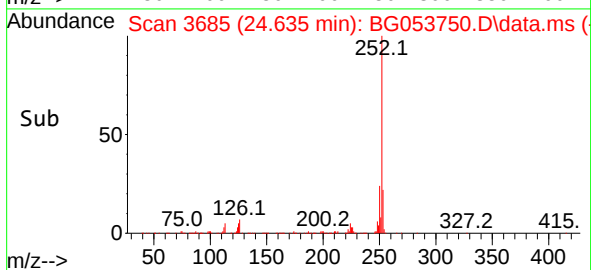
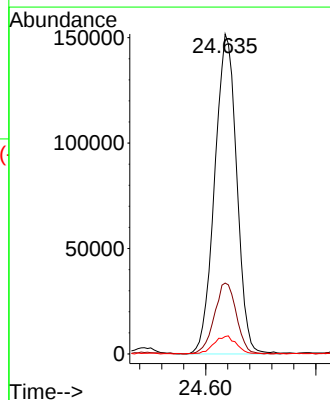
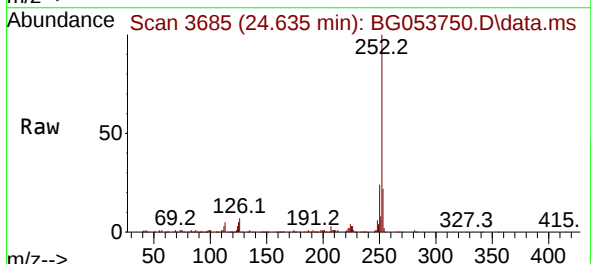
Instrument :  
BNA\_G  
ClientSampleId :  
WC-5MS

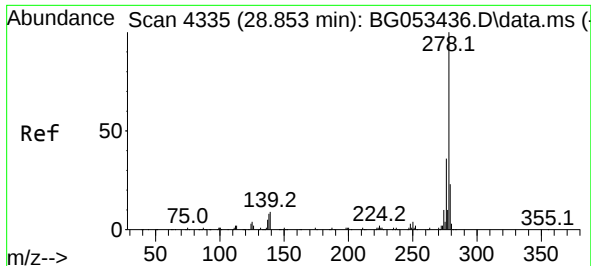
Tgt Ion:252 Resp: 424487  
Ion Ratio Lower Upper  
252 100  
253 21.8 18.4 27.6  
125 5.1 4.8 7.2



#90  
Benzo(a)pyrene  
Concen: 55.190 ng  
RT: 24.635 min Scan# 3685  
Delta R.T. -0.005 min  
Lab File: BG053750.D  
Acq: 28 May 2022 14:31

Tgt Ion:252 Resp: 421398  
Ion Ratio Lower Upper  
252 100  
253 22.1 17.8 26.8  
125 5.4 4.3 6.5

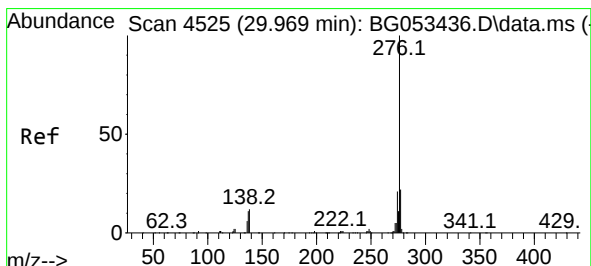
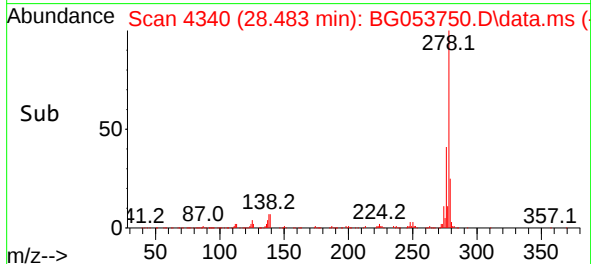
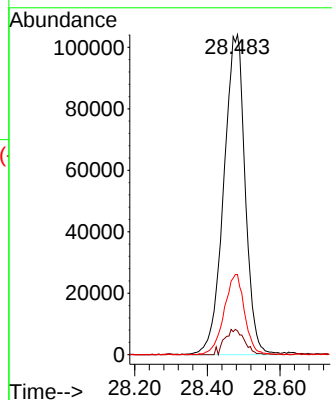
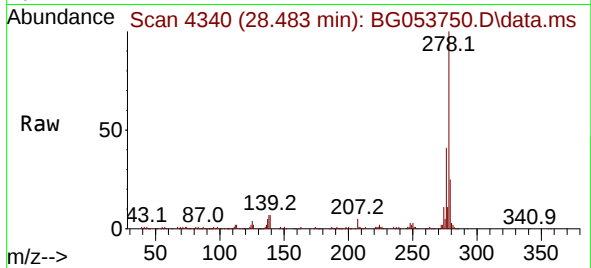




#91  
 Dibenzo(a,h)anthracene  
 Concen: 48.971 ng  
 RT: 28.483 min Scan# 41  
 Delta R.T. 0.001 min  
 Lab File: BG053750.D  
 Acq: 28 May 2022 14:31

Instrument :  
 BNA\_G  
 ClientSampleId :  
 WC-5MS

Tgt Ion:278 Resp: 425932  
 Ion Ratio Lower Upper  
 278 100  
 139 7.4 7.2 10.8  
 279 25.0 18.6 27.8



#92  
 Benzo(g,h,i)perylene  
 Concen: 48.606 ng  
 RT: 29.564 min Scan# 4524  
 Delta R.T. -0.005 min  
 Lab File: BG053750.D  
 Acq: 28 May 2022 14:31

Tgt Ion:276 Resp: 419059  
 Ion Ratio Lower Upper  
 276 100  
 277 24.8 17.3 25.9  
 138 10.2 9.6 14.4

