

Data Path : Z:\svoasrv\HPCHEM1\BNA\_G\Data\BG061522\  
 Data File : BG053922.D  
 Acq On : 15 Jun 2022 17:14  
 Operator : CG/JU  
 Sample : M3339-02MSD  
 Misc :  
 ALS Vial : 8 Sample Multiplier: 1

Instrument :  
 BNA\_G  
 ClientSampleId :  
 CB-226-(26-28)MSD

Quant Time: Jun 16 01:22:54 2022  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_G\Methods\8270-BG061322.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Mon Jun 13 15:49:31 2022  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc    | Units | Dev(Min) |
|-------------------------------|--------|------|----------|---------|-------|----------|
| -----                         |        |      |          |         |       |          |
| Internal Standards            |        |      |          |         |       |          |
| 1) 1,4-Dichlorobenzene-d4     | 8.084  | 152  | 17414    | 20.000  | ng    | 0.00     |
| 21) Naphthalene-d8            | 10.893 | 136  | 72052    | 20.000  | ng    | # 0.00   |
| 39) Acenaphthene-d10          | 14.706 | 164  | 55715    | 20.000  | ng    | 0.00     |
| 64) Phenanthrene-d10          | 17.450 | 188  | 144900   | 20.000  | ng    | # 0.00   |
| 76) Chrysene-d12              | 21.727 | 240  | 162589   | 20.000  | ng    | 0.00     |
| 86) Perylene-d12              | 24.988 | 264  | 175417   | 20.000  | ng    | 0.00     |
| System Monitoring Compounds   |        |      |          |         |       |          |
| 5) 2-Fluorophenol             | 5.652  | 112  | 94176    | 103.397 | ng    | 0.00     |
| 7) Phenol-d6                  | 7.238  | 99   | 128825   | 104.262 | ng    | 0.00     |
| 23) Nitrobenzene-d5           | 9.242  | 82   | 79945    | 62.352  | ng    | 0.00     |
| 42) 2,4,6-Tribromophenol      | 16.193 | 330  | 98464    | 109.996 | ng    | 0.00     |
| 45) 2-Fluorobiphenyl          | 13.331 | 172  | 242956   | 63.410  | ng    | 0.00     |
| 79) Terphenyl-d14             | 20.053 | 244  | 539775   | 66.865  | ng    | 0.00     |
| Target Compounds              |        |      |          |         |       |          |
|                               |        |      |          |         |       | Qvalue   |
| 2) 1,4-Dioxane                | 3.543  | 88   | 15282    | 38.382  | ng    | 95       |
| 3) Pyridine                   | 3.936  | 79   | 37327    | 35.132  | ng    | 94       |
| 4) n-Nitrosodimethylamine     | 3.848  | 42   | 24716    | 52.885  | ng    | # 88     |
| 6) Aniline                    | 7.403  | 93   | 66032    | 45.075  | ng    | 99       |
| 8) 2-Chlorophenol             | 7.650  | 128  | 52729    | 54.219  | ng    | 90       |
| 9) Benzaldehyde               | 7.215  | 77   | 29544    | 40.514  | ng    | 83       |
| 10) Phenol                    | 7.262  | 94   | 67372    | 53.803  | ng    | 98       |
| 11) bis(2-Chloroethyl)ether   | 7.497  | 93   | 45580    | 47.424  | ng    | 97       |
| 12) 1,3-Dichlorobenzene       | 7.979  | 146  | 58611    | 48.097  | ng    | 92       |
| 13) 1,4-Dichlorobenzene       | 8.120  | 146  | 59217    | 48.376  | ng    | 97       |
| 14) 1,2-Dichlorobenzene       | 8.443  | 146  | 57874    | 49.250  | ng    | 97       |
| 15) Benzyl Alcohol            | 8.314  | 79   | 50259    | 54.423  | ng    | 98       |
| 16) 2,2'-oxybis(1-Chloropr... | 8.613  | 45   | 65817    | 45.808  | ng    | 98       |
| 17) 2-Methylphenol            | 8.519  | 107  | 45625    | 52.450  | ng    | 92       |
| 18) Hexachloroethane          | 9.177  | 117  | 19838    | 48.852  | ng    | # 72     |
| 19) n-Nitroso-di-n-propyla... | 8.883  | 70   | 40613    | 48.925  | ng    | 97       |
| 20) 3+4-Methylphenols         | 8.848  | 107  | 62569    | 51.290  | ng    | 94       |
| 22) Acetophenone              | 8.901  | 105  | 81331    | 46.438  | ng    | # 98     |
| 24) Nitrobenzene              | 9.283  | 77   | 59323    | 46.985  | ng    | # 87     |
| 25) Isophorone                | 9.812  | 82   | 113298   | 47.314  | ng    | # 93     |
| 26) 2-Nitrophenol             | 10.000 | 139  | 29764    | 53.372  | ng    | 86       |
| 27) 2,4-Dimethylphenol        | 10.053 | 122  | 53312    | 59.063  | ng    | 90       |
| 28) bis(2-Chloroethoxy)met... | 10.288 | 93   | 64303    | 49.848  | ng    | 99       |
| 29) 2,4-Dichlorophenol        | 10.534 | 162  | 63221    | 52.240  | ng    | 92       |
| 30) 1,2,4-Trichlorobenzene    | 10.758 | 180  | 71388    | 47.640  | ng    | # 94     |
| 31) Naphthalene               | 10.946 | 128  | 160410   | 44.101  | ng    | 100      |
| 32) Benzoic acid              | 10.217 | 122  | 14241    | 38.985  | ng    | # 84     |
| 33) 4-Chloroaniline           | 11.040 | 127  | 37984    | 25.172  | ng    | 94       |
| 34) Hexachlorobutadiene       | 11.234 | 225  | 56583    | 49.114  | ng    | 96       |
| 35) Caprolactam               | 11.804 | 113  | 9211     | 27.647  | ng    | 90       |
| 36) 4-Chloro-3-methylphenol   | 12.156 | 107  | 60036    | 51.032  | ng    | # 82     |
| 37) 2-Methylnaphthalene       | 12.544 | 142  | 122252   | 45.427  | ng    | 96       |
| 38) 1-Methylnaphthalene       | 12.761 | 142  | 118984   | 45.407  | ng    | 96       |
| 40) 1,2,4,5-Tetrachloroben... | 12.908 | 216  | 103471   | 48.197  | ng    | # 95     |
| 41) Hexachlorocyclopentadiene | 12.896 | 237  | 129887   | 129.932 | ng    | 96       |
| 43) 2,4,6-Trichlorophenol     | 13.143 | 196  | 61985    | 51.400  | ng    | 98       |

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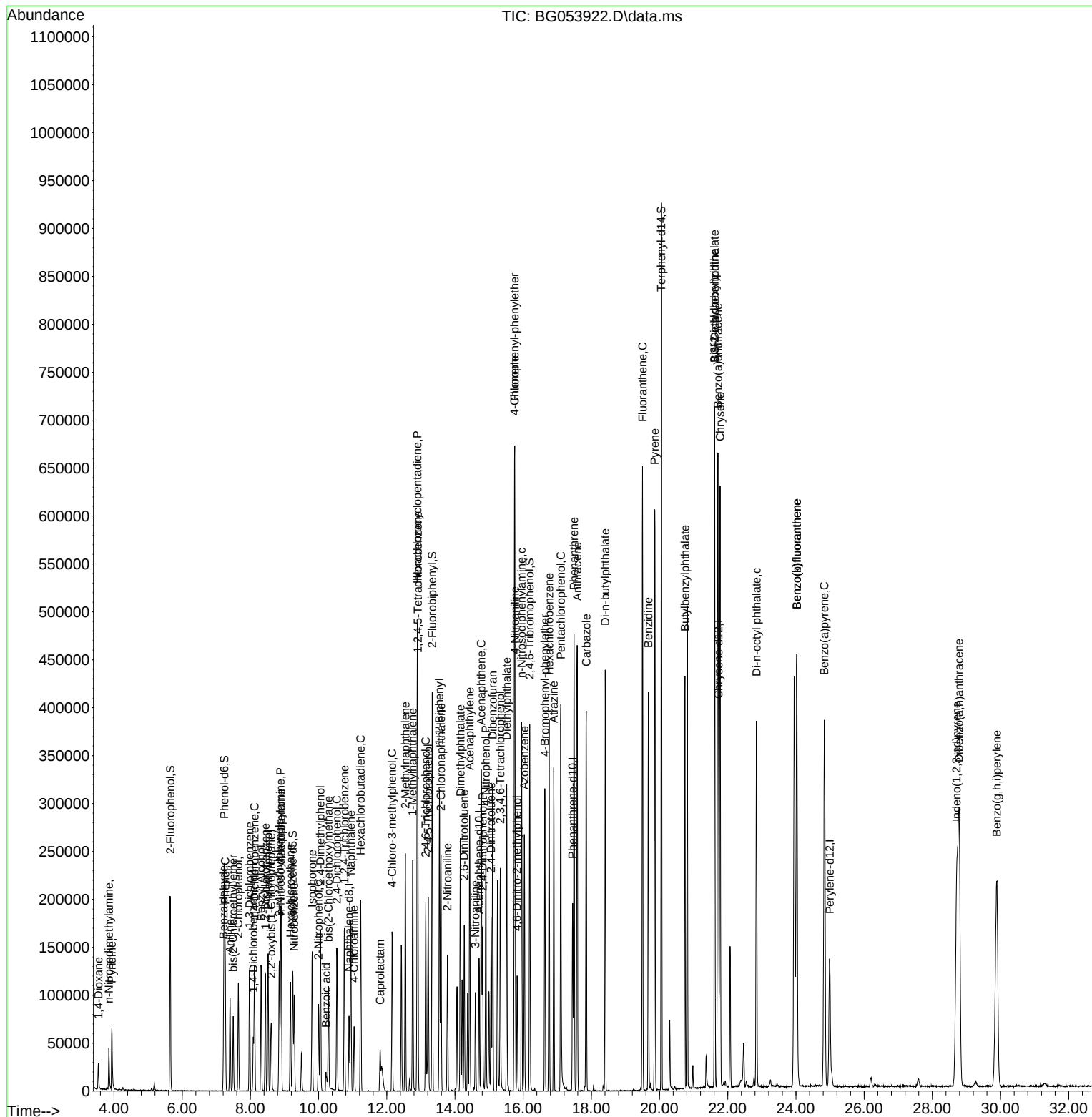
| Compound                      | R.T.   | QIon | Response | Conc    | Units | Dev(Min) |
|-------------------------------|--------|------|----------|---------|-------|----------|
| 44) 2,4,5-Trichlorophenol     | 13.214 | 196  | 69648    | 51.725  | ng    | # 93     |
| 46) 1,1'-Biphenyl             | 13.543 | 154  | 180776   | 46.581  | ng    | 97       |
| 47) 2-Chloronaphthalene       | 13.590 | 162  | 145722   | 46.397  | ng    | 96       |
| 48) 2-Nitroaniline            | 13.778 | 65   | 42284    | 50.611  | ng    | 93       |
| 49) Acenaphthylene            | 14.430 | 152  | 233995   | 47.912  | ng    | 99       |
| 50) Dimethylphthalate         | 14.160 | 163  | 201853   | 47.571  | ng    | # 99     |
| 51) 2,6-Dinitrotoluene        | 14.271 | 165  | 45051    | 52.550  | ng    | # 75     |
| 52) Acenaphthene              | 14.771 | 154  | 141028   | 45.301  | ng    | 98       |
| 53) 3-Nitroaniline            | 14.600 | 138  | 26894    | 32.380  | ng    | 89       |
| 54) 2,4-Dinitrophenol         | 14.812 | 184  | 49358    | 102.196 | ng    | # 76     |
| 55) Dibenzofuran              | 15.106 | 168  | 236850   | 47.221  | ng    | 95       |
| 56) 4-Nitrophenol             | 14.906 | 139  | 63571    | 107.808 | ng    | 92       |
| 57) 2,4-Dinitrotoluene        | 15.059 | 165  | 62748    | 51.826  | ng    | # 85     |
| 58) Fluorene                  | 15.752 | 166  | 191170   | 46.420  | ng    | 94       |
| 59) 2,3,4,6-Tetrachlorophenol | 15.329 | 232  | 67840    | 51.519  | ng    | # 89     |
| 60) Diethylphthalate          | 15.517 | 149  | 193836   | 47.171  | ng    | 96       |
| 61) 4-Chlorophenyl-phenyle... | 15.746 | 204  | 123700   | 50.173  | ng    | # 86     |
| 62) 4-Nitroaniline            | 15.764 | 138  | 39825    | 45.979  | ng    | # 80     |
| 63) Azobenzene                | 16.034 | 77   | 151897   | 45.922  | ng    | 89       |
| 65) 4,6-Dinitro-2-methylph... | 15.822 | 198  | 38677    | 53.502  | ng    | 79       |
| 66) n-Nitrosodiphenylamine    | 15.952 | 169  | 177466   | 46.994  | ng    | 96       |
| 67) 4-Bromophenyl-phenylether | 16.639 | 248  | 91138    | 50.360  | ng    | # 92     |
| 68) Hexachlorobenzene         | 16.762 | 284  | 102704   | 49.612  | ng    | # 89     |
| 69) Atrazine                  | 16.898 | 200  | 82917    | 53.003  | ng    | 95       |
| 70) Pentachlorophenol         | 17.103 | 266  | 107135   | 111.411 | ng    | 94       |
| 71) Phenanthrene              | 17.491 | 178  | 342590   | 46.019  | ng    | 98       |
| 72) Anthracene                | 17.585 | 178  | 345872   | 47.577  | ng    | 98       |
| 73) Carbazole                 | 17.849 | 167  | 298112   | 47.775  | ng    | 99       |
| 74) Di-n-butylphthalate       | 18.408 | 149  | 335818   | 46.546  | ng    | # 97     |
| 75) Fluoranthene              | 19.500 | 202  | 456530   | 46.715  | ng    | 97       |
| 77) Benzidine                 | 19.671 | 184  | 266654   | 79.195  | ng    | 99       |
| 78) Pyrene                    | 19.859 | 202  | 455784   | 46.414  | ng    | 98       |
| 80) Butylbenzylphthalate      | 20.746 | 149  | 146456   | 46.529  | ng    | # 86     |
| 81) Benzo(a)anthracene        | 21.710 | 228  | 497385   | 47.247  | ng    | 99       |
| 82) 3,3'-Dichlorobenzidine    | 21.616 | 252  | 105743   | 33.620  | ng    | # 97     |
| 83) Chrysene                  | 21.774 | 228  | 459440   | 45.785  | ng    | 98       |
| 84) Bis(2-ethylhexyl)phtha... | 21.616 | 149  | 214690   | 47.691  | ng    | # 94     |
| 85) Di-n-octyl phthalate      | 22.844 | 149  | 374016   | 48.339  | ng    | 95       |
| 87) Indeno(1,2,3-cd)pyrene    | 28.713 | 276  | 616116   | 46.542  | ng    | # 97     |
| 88) Benzo(b)fluoranthene      | 24.025 | 252  | 499444   | 46.827  | ng    | 99       |
| 89) Benzo(k)fluoranthene      | 24.025 | 252  | 499444   | 47.295  | ng    | 98       |
| 90) Benzo(a)pyrene            | 24.835 | 252  | 505440   | 56.166  | ng    | 100      |
| 91) Dibenzo(a,h)anthracene    | 28.784 | 278  | 533980   | 48.780  | ng    | 97       |
| 92) Benzo(g,h,i)perylene      | 29.894 | 276  | 528890   | 48.958  | ng    | # 96     |

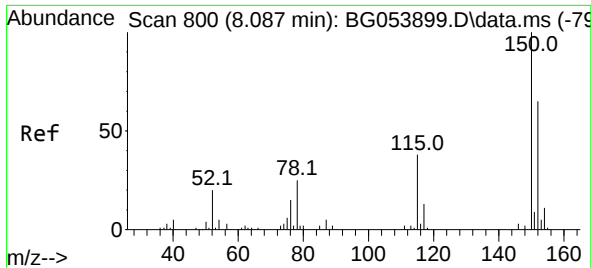
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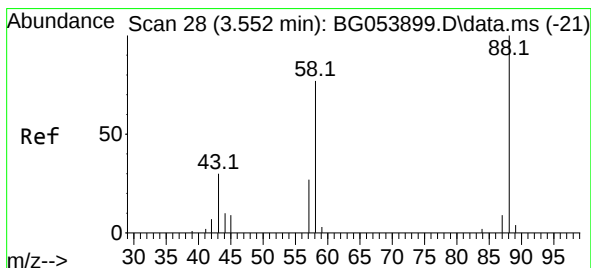
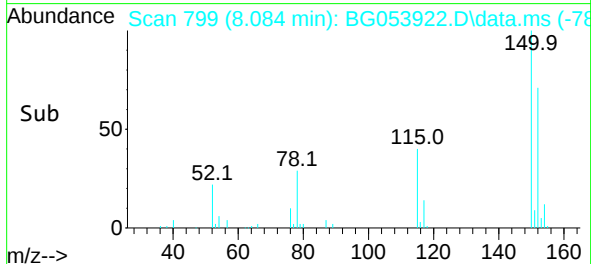
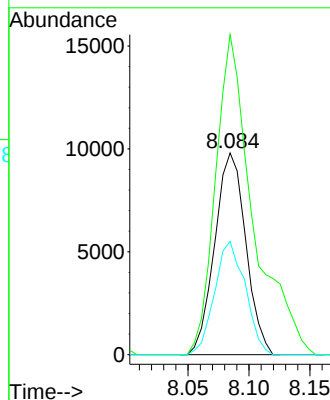
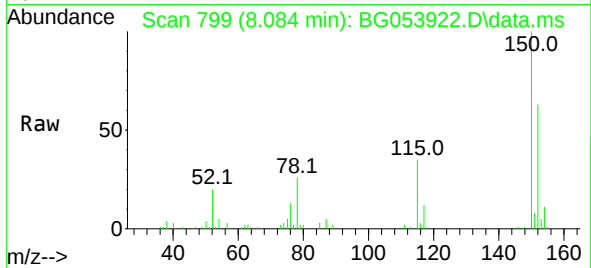




#1  
1,4-Dichlorobenzene-d4  
Concen: 20.000 ng  
RT: 8.084 min Scan# 79  
Delta R.T. -0.005 min  
Lab File: BG053922.D  
Acq: 15 Jun 2022 17:14

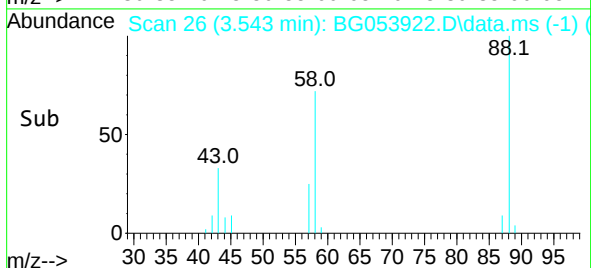
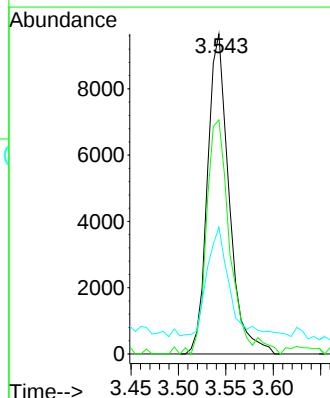
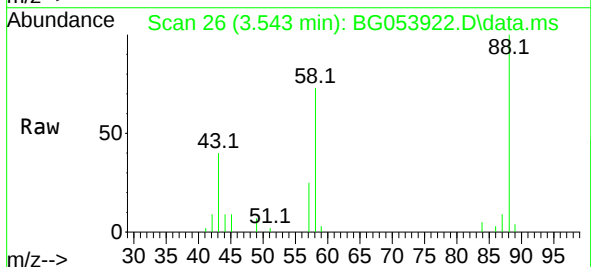
Instrument :  
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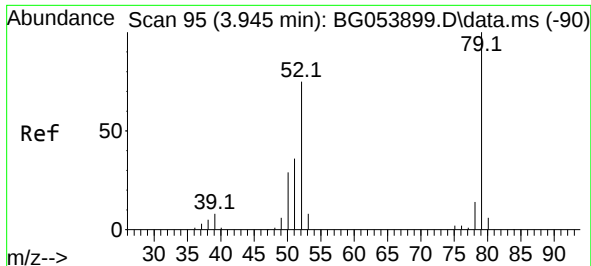
Tgt Ion:152 Resp: 17414  
Ion Ratio Lower Upper  
152 100  
150 158.6 131.6 197.4  
115 56.2 50.9 76.3



#2  
1,4-Dioxane  
Concen: 38.382 ng  
RT: 3.543 min Scan# 26  
Delta R.T. -0.010 min  
Lab File: BG053922.D  
Acq: 15 Jun 2022 17:14

Tgt Ion: 88 Resp: 15282  
Ion Ratio Lower Upper  
88 100  
58 76.6 59.2 88.8  
43 35.8 24.3 36.5

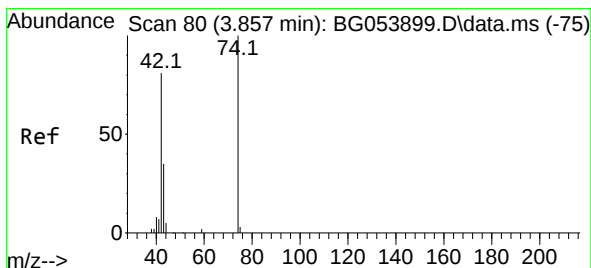
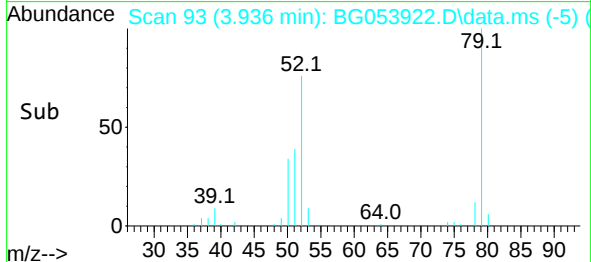
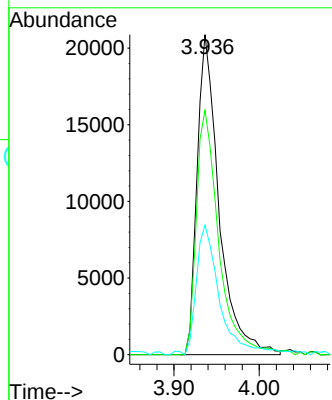
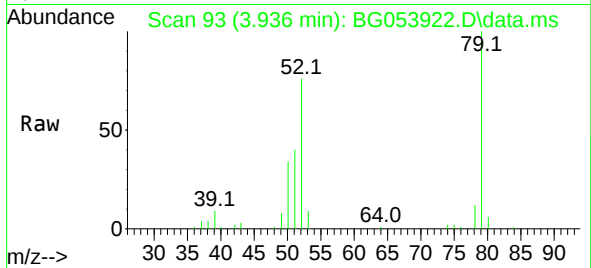




#3  
Pyridine  
Concen: 35.132 ng  
RT: 3.936 min Scan# 91  
Delta R.T. -0.010 min  
Lab File: BG053922.D  
Acq: 15 Jun 2022 17:14

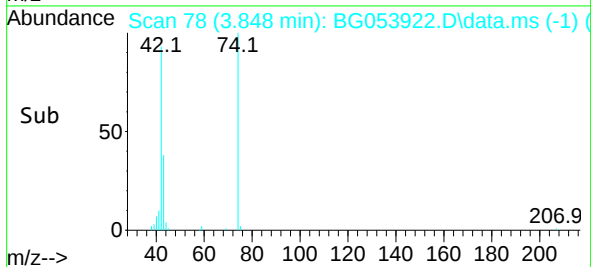
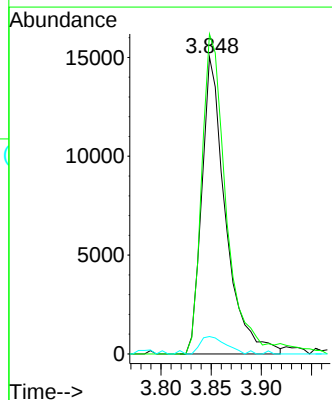
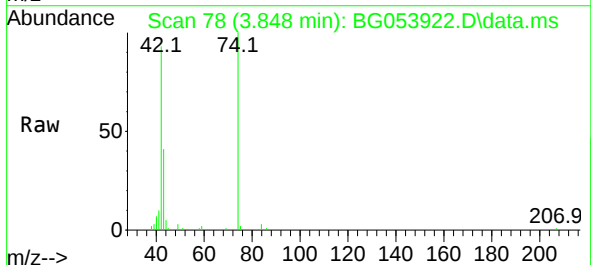
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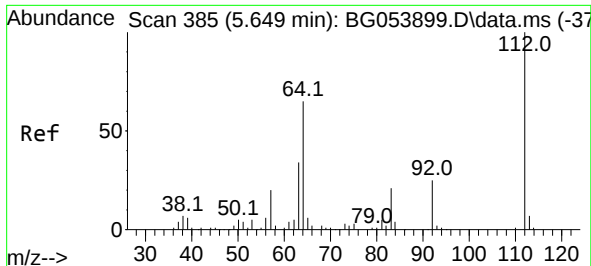
|             |                |
|-------------|----------------|
| Tgt Ion: 79 | Resp: 37327    |
| Ion Ratio   | Lower Upper    |
| 79          | 100            |
| 52          | 76.3 54.6 81.8 |
| 51          | 40.5 32.5 48.7 |



#4  
n-Nitrosodimethylamine  
Concen: 52.885 ng  
RT: 3.848 min Scan# 78  
Delta R.T. -0.010 min  
Lab File: BG053922.D  
Acq: 15 Jun 2022 17:14

|             |                  |
|-------------|------------------|
| Tgt Ion: 42 | Resp: 24716      |
| Ion Ratio   | Lower Upper      |
| 42          | 100              |
| 74          | 107.7 97.0 145.4 |
| 44          | 5.9 7.0 10.4     |

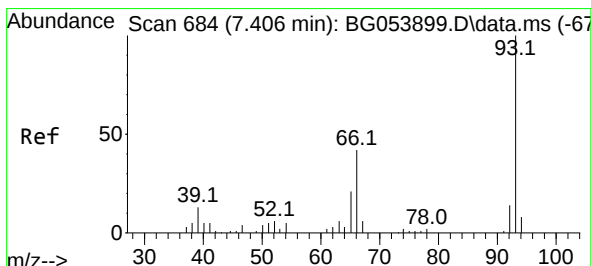
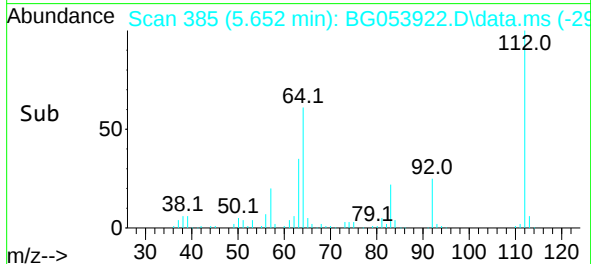
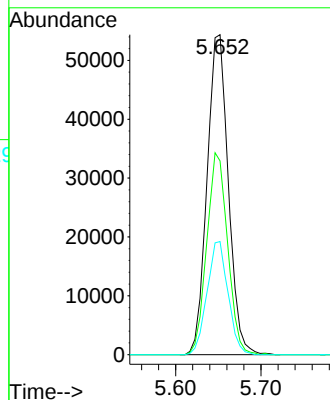
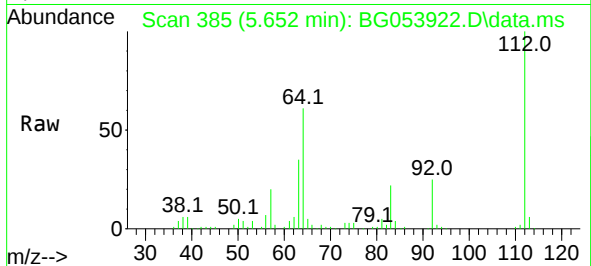




#5  
2-Fluorophenol  
Concen: 103.397 ng  
RT: 5.652 min Scan# 31  
Delta R.T. 0.002 min  
Lab File: BG053922.D  
Acq: 15 Jun 2022 17:14

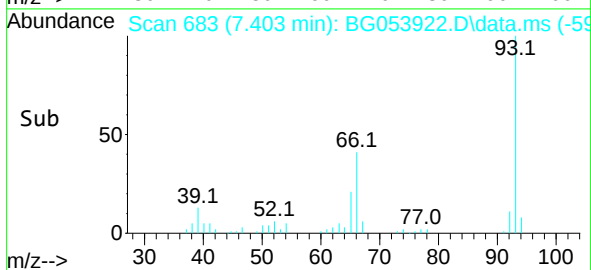
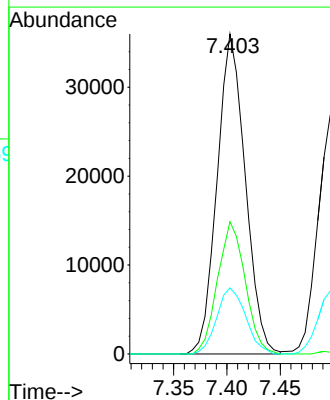
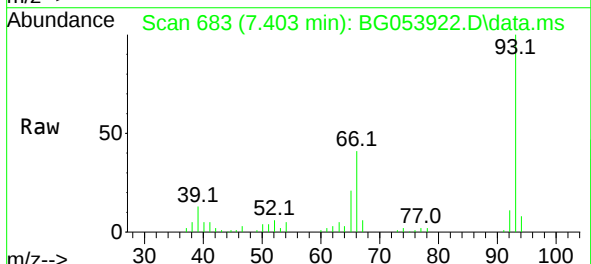
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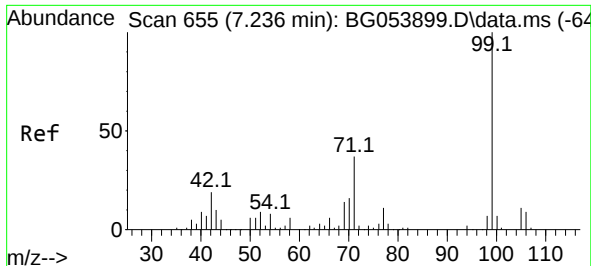
Tgt Ion:112 Resp: 94176  
Ion Ratio Lower Upper  
112 100  
64 60.6 55.1 82.7  
63 35.4 30.4 45.6



#6  
Aniline  
Concen: 45.075 ng  
RT: 7.403 min Scan# 683  
Delta R.T. -0.004 min  
Lab File: BG053922.D  
Acq: 15 Jun 2022 17:14

Tgt Ion: 93 Resp: 66032  
Ion Ratio Lower Upper  
93 100  
66 41.3 32.9 49.3  
65 20.6 17.8 26.8

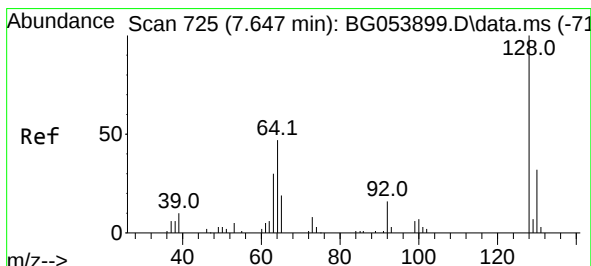
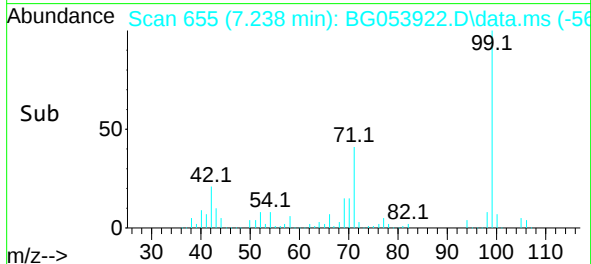
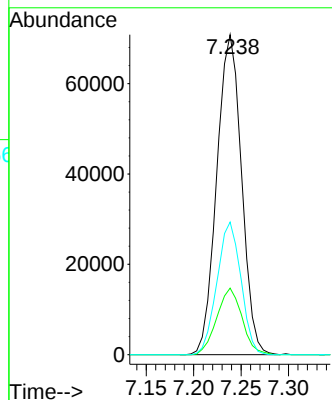
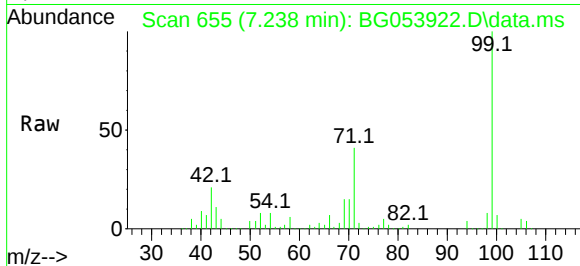




#7  
Phenol-d6  
Concen: 104.262 ng  
RT: 7.238 min Scan# 61  
Delta R.T. 0.002 min  
Lab File: BG053922.D  
Acq: 15 Jun 2022 17:14

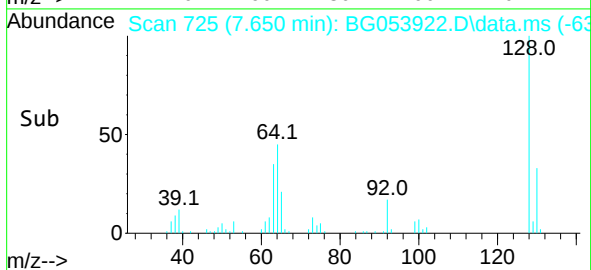
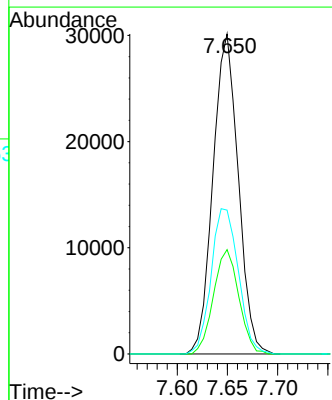
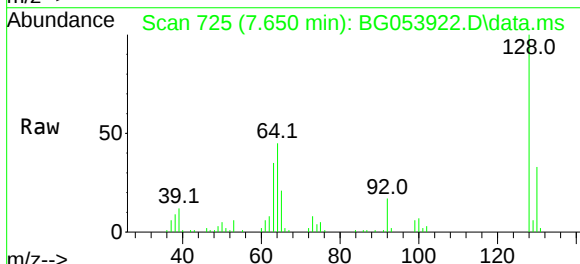
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ClientSampleId :  
CB-226-(26-28)MSD

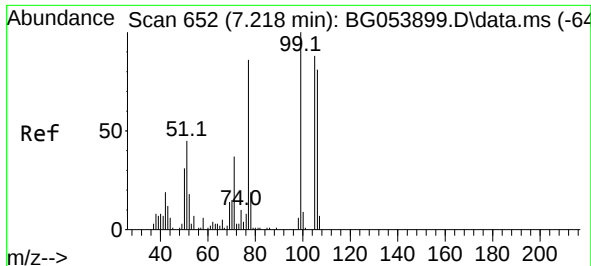
Tgt Ion: 99 Resp: 128825  
Ion Ratio Lower Upper  
99 100  
42 20.8 17.0 25.6  
71 41.4 33.8 50.8



#8  
2-Chlorophenol  
Concen: 54.219 ng  
RT: 7.650 min Scan# 725  
Delta R.T. -0.004 min  
Lab File: BG053922.D  
Acq: 15 Jun 2022 17:14

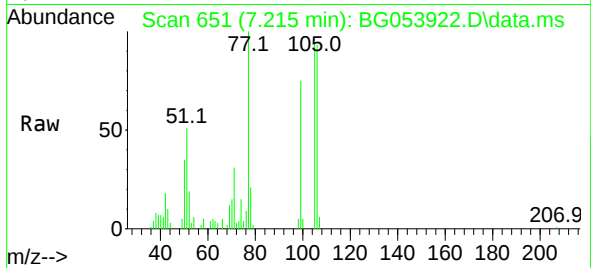
Tgt Ion: 128 Resp: 52729  
Ion Ratio Lower Upper  
128 100  
130 32.6 10.5 50.5  
64 45.0 35.1 75.1



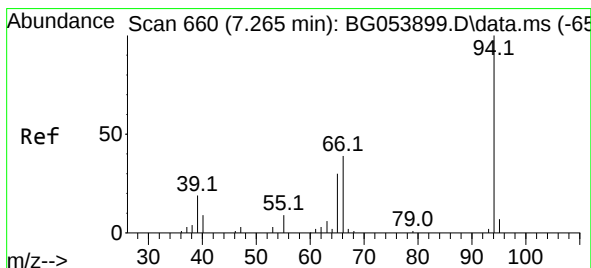
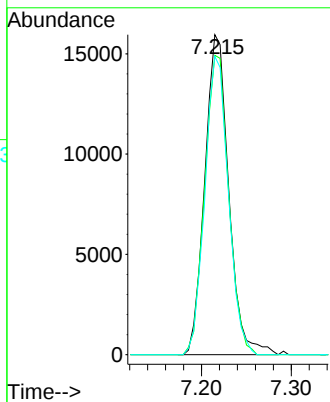
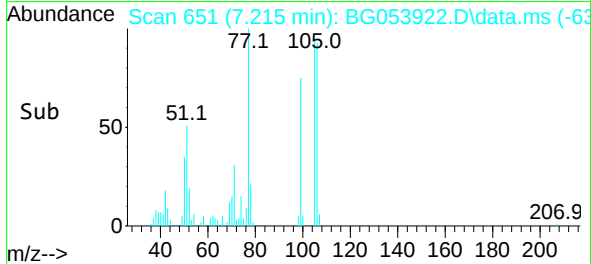


#9  
Benzaldehyde  
Concen: 40.514 ng  
RT: 7.215 min Scan# 61  
Delta R.T. -0.004 min  
Lab File: BG053922.D  
Acq: 15 Jun 2022 17:14

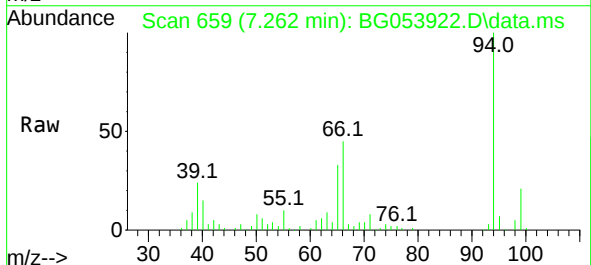
Instrument :  
BNA\_G  
ClientSampleId :  
CB-226-(26-28)MSD



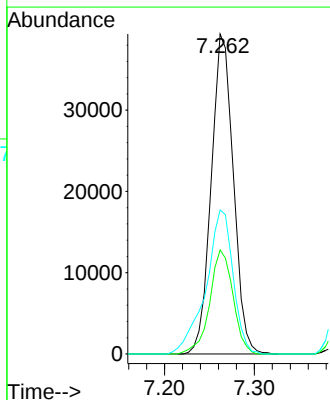
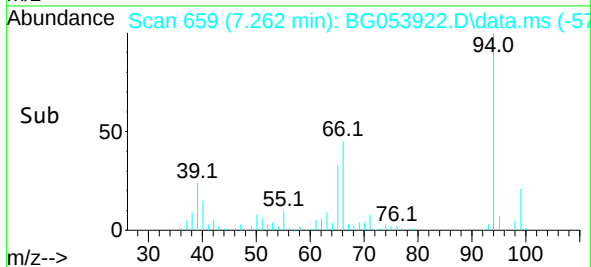
Tgt Ion: 77 Resp: 29544  
Ion Ratio Lower Upper  
77 100  
105 93.6 59.6 99.6  
106 93.2 56.8 96.8

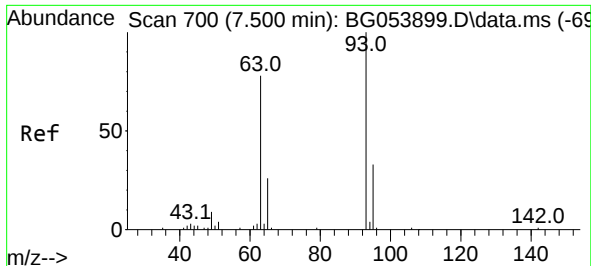


#10  
Phenol  
Concen: 53.803 ng  
RT: 7.262 min Scan# 659  
Delta R.T. -0.004 min  
Lab File: BG053922.D  
Acq: 15 Jun 2022 17:14



Tgt Ion: 94 Resp: 67372  
Ion Ratio Lower Upper  
94 100  
65 32.5 14.8 54.8  
66 45.0 25.2 65.2

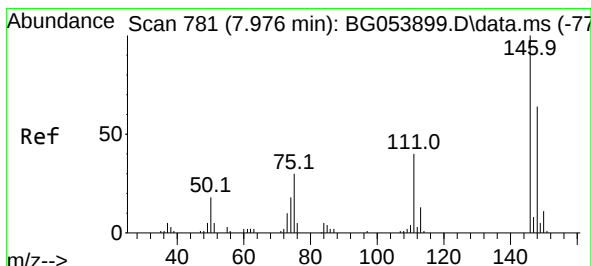
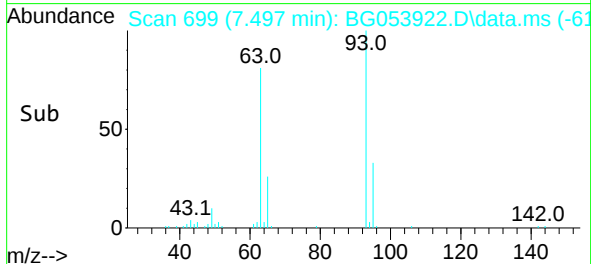
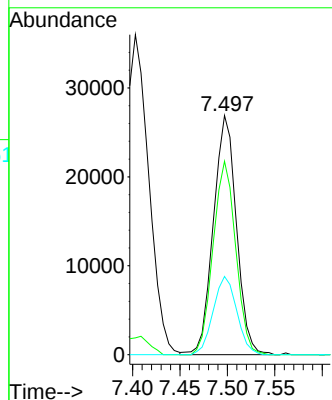
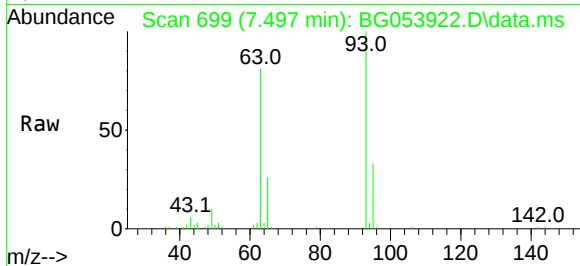




#11  
bis(2-Chloroethyl)ether  
Concen: 47.424 ng  
RT: 7.497 min Scan# 699  
Delta R.T. -0.004 min  
Lab File: BG053922.D  
Acq: 15 Jun 2022 17:14

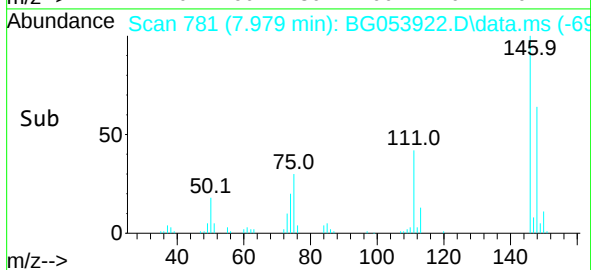
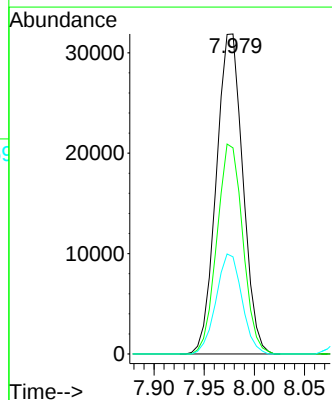
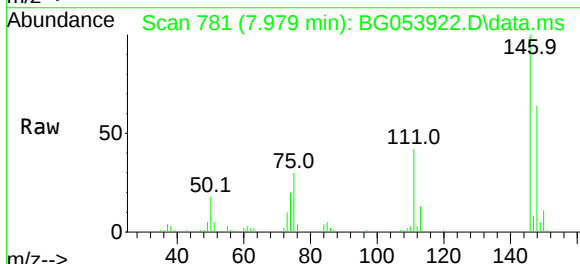
Instrument :  
BNA\_G  
ClientSampleId :  
CB-226-(26-28)MSD

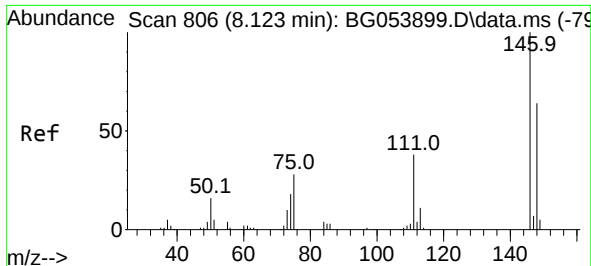
|             |             |
|-------------|-------------|
| Tgt Ion: 93 | Resp: 45580 |
| Ion Ratio   | Lower Upper |
| 93 100      |             |
| 63 80.9     | 63.6 103.6  |
| 95 32.7     | 10.1 50.1   |



#12  
1,3-Dichlorobenzene  
Concen: 48.097 ng  
RT: 7.979 min Scan# 781  
Delta R.T. 0.002 min  
Lab File: BG053922.D  
Acq: 15 Jun 2022 17:14

|             |       |       |      |
|-------------|-------|-------|------|
| Tgt Ion:146 | Resp: | 58611 |      |
| Ion Ratio   | Lower | Upper |      |
| 146         | 100   |       |      |
| 148         | 64.4  | 46.1  | 69.1 |
| 75          | 30.4  | 27.6  | 41.4 |

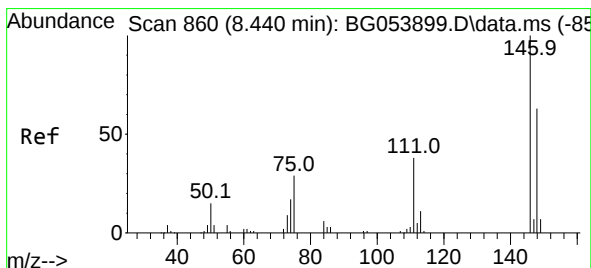
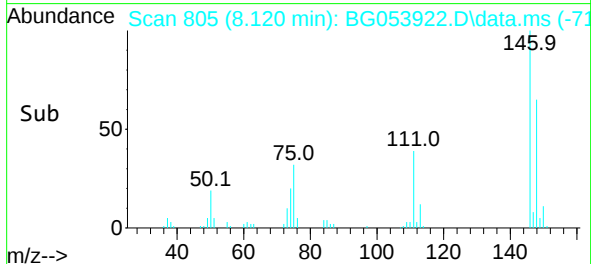
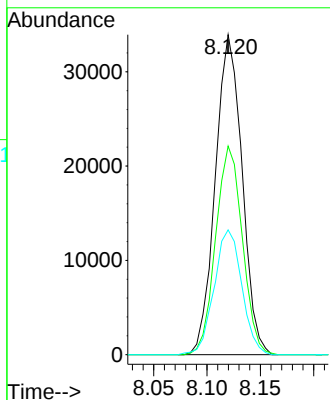
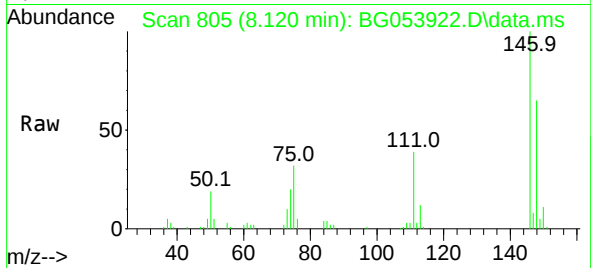




#13  
1,4-Dichlorobenzene  
Concen: 48.376 ng  
RT: 8.120 min Scan# 806  
Delta R.T. -0.004 min  
Lab File: BG053922.D  
Acq: 15 Jun 2022 17:14

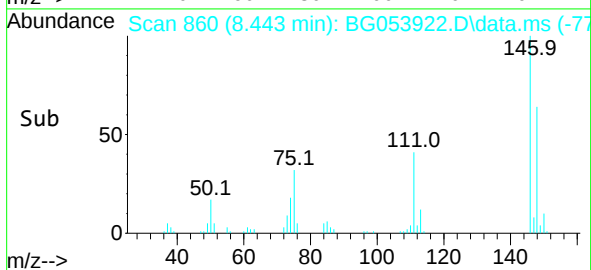
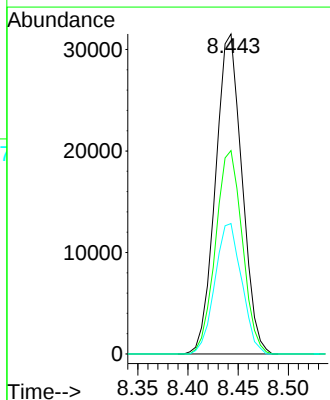
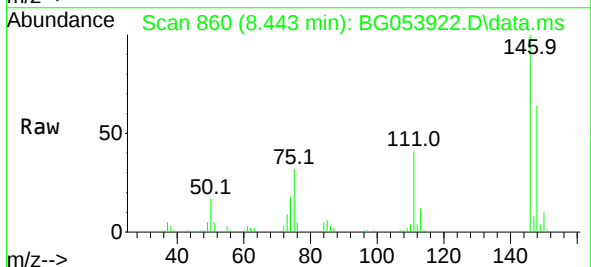
Instrument :  
BNA\_G  
ClientSampleId :  
CB-226-(26-28)MSD

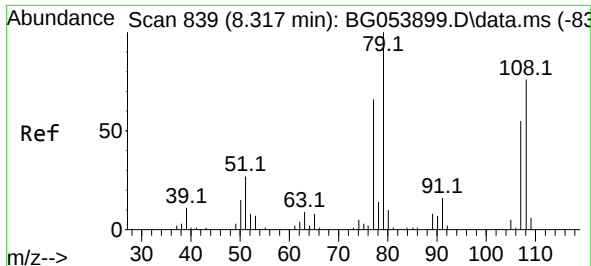
Tgt Ion:146 Resp: 59217  
Ion Ratio Lower Upper  
146 100  
148 65.2 51.5 77.3  
111 39.0 33.9 50.9



#14  
1,2-Dichlorobenzene  
Concen: 49.250 ng  
RT: 8.443 min Scan# 860  
Delta R.T. -0.004 min  
Lab File: BG053922.D  
Acq: 15 Jun 2022 17:14

Tgt Ion:146 Resp: 57874  
Ion Ratio Lower Upper  
146 100  
148 63.5 52.6 78.8  
111 40.7 34.5 51.7

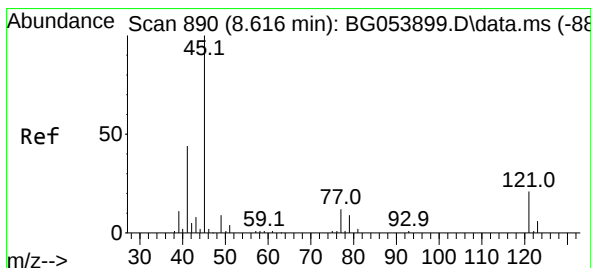
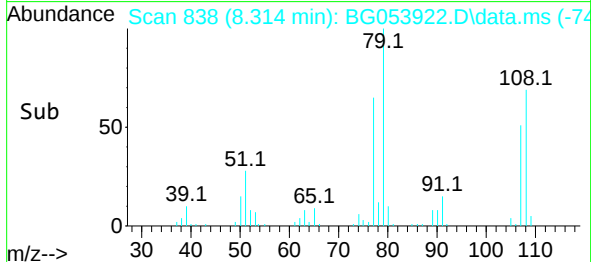
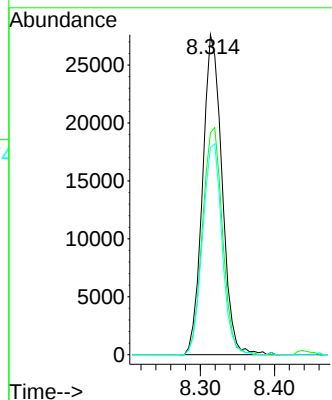
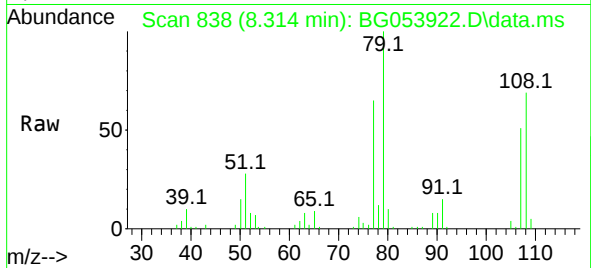




#15  
Benzyl Alcohol  
Concen: 54.423 ng  
RT: 8.314 min Scan# 811  
Delta R.T. -0.004 min  
Lab File: BG053922.D  
Acq: 15 Jun 2022 17:14

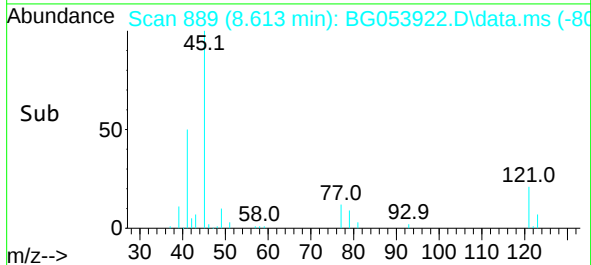
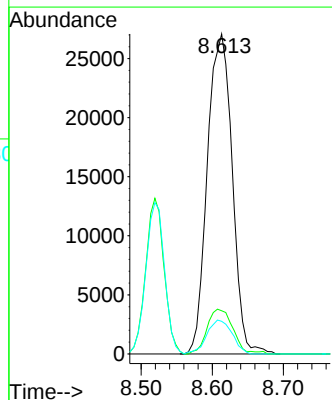
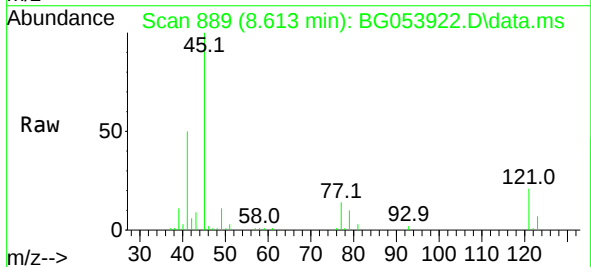
Instrument :  
BNA\_G  
ClientSampleId :  
CB-226-(26-28)MSD

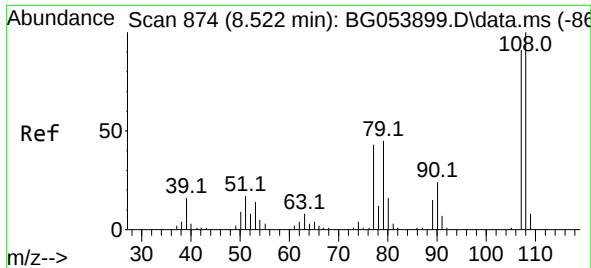
|             |                |
|-------------|----------------|
| Tgt Ion: 79 | Resp: 50259    |
| Ion Ratio   | Lower Upper    |
| 79          | 100            |
| 108         | 69.3 53.7 80.5 |
| 77          | 64.8 52.2 78.4 |



#16  
2,2'-oxybis(1-Chloropropane)  
Concen: 45.808 ng  
RT: 8.613 min Scan# 889  
Delta R.T. -0.004 min  
Lab File: BG053922.D  
Acq: 15 Jun 2022 17:14

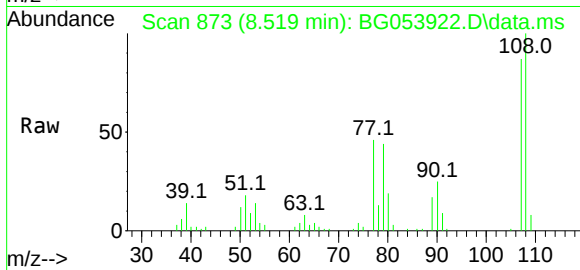
|             |               |
|-------------|---------------|
| Tgt Ion: 45 | Resp: 65817   |
| Ion Ratio   | Lower Upper   |
| 45          | 100           |
| 77          | 13.5 0.0 32.7 |
| 79          | 10.2 0.0 29.7 |



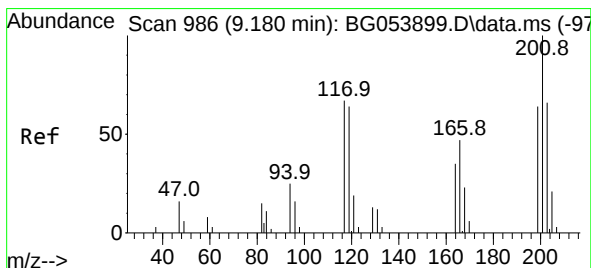
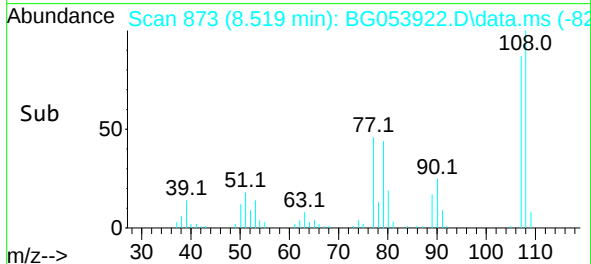
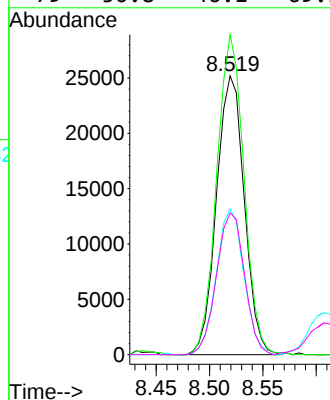


#17  
2-Methylphenol  
Concen: 52.450 ng  
RT: 8.519 min Scan# 81  
Delta R.T. -0.004 min  
Lab File: BG053922.D  
Acq: 15 Jun 2022 17:14

Instrument :  
BNA\_G  
ClientSampleId :  
CB-226-(26-28)MSD

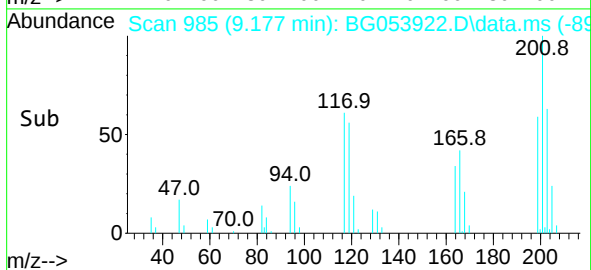
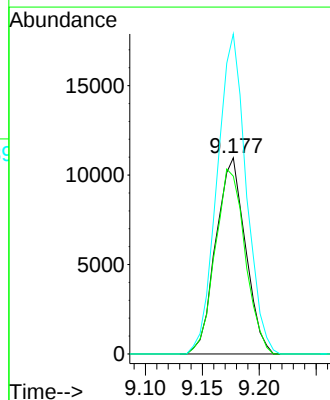
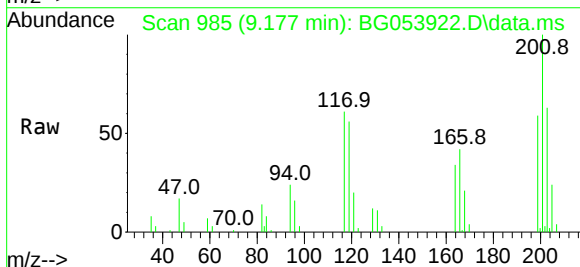


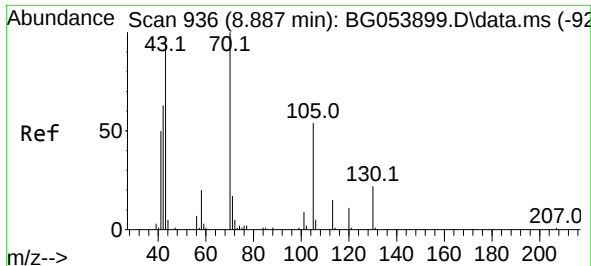
Tgt Ion:107 Resp: 45625  
Ion Ratio Lower Upper  
107 100  
108 114.7 85.4 128.0  
77 52.3 46.2 69.2  
79 50.8 46.1 69.1



#18  
Hexachloroethane  
Concen: 48.852 ng  
RT: 9.177 min Scan# 985  
Delta R.T. -0.004 min  
Lab File: BG053922.D  
Acq: 15 Jun 2022 17:14

Tgt Ion:117 Resp: 19838  
Ion Ratio Lower Upper  
117 100  
119 90.7 75.0 112.6  
201 163.1 89.0 133.6#

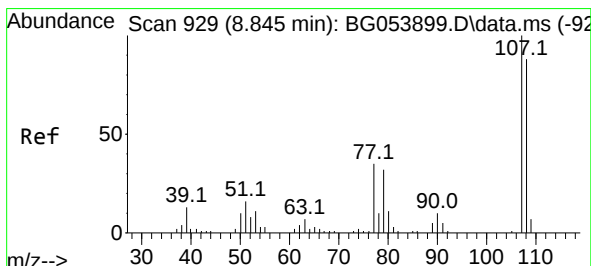
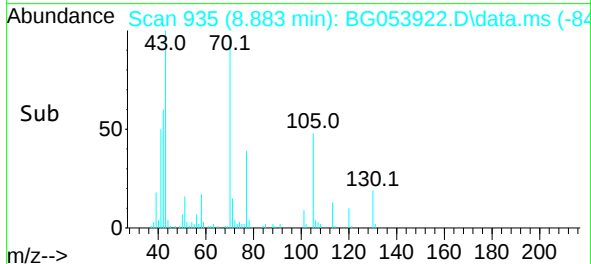
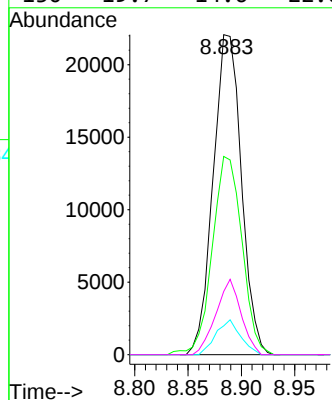
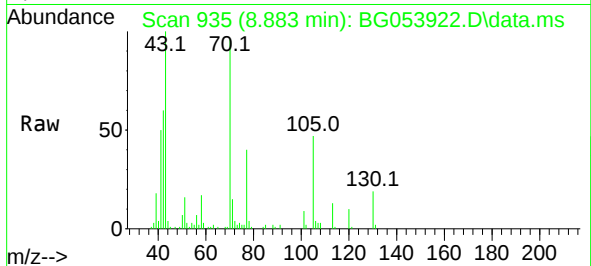




#19  
n-Nitroso-di-n-propylamine  
Concen: 48.925 ng  
RT: 8.883 min Scan# 913  
Delta R.T. -0.010 min  
Lab File: BG053922.D  
Acq: 15 Jun 2022 17:14

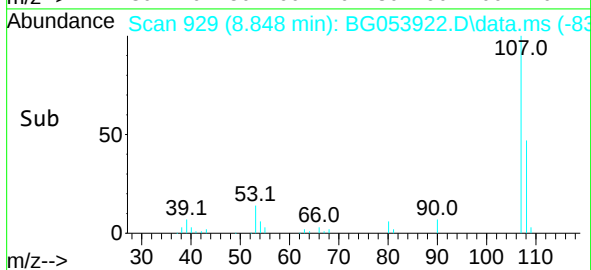
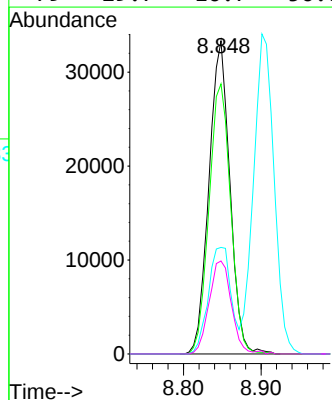
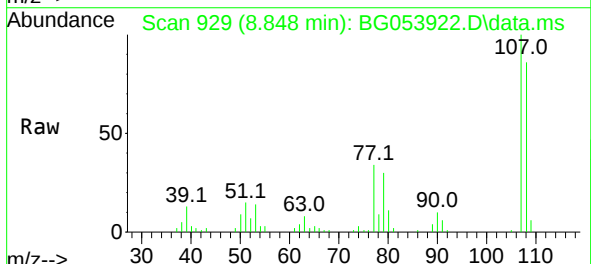
Instrument :  
BNA\_G  
ClientSampleId :  
CB-226-(26-28)MSD

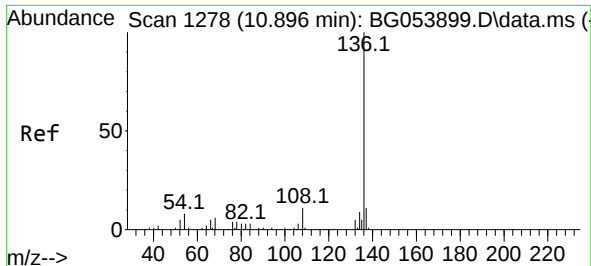
|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 70    | Resp: | 40613 |
| Ion      | Ratio | Lower | Upper |
| 70       | 100   |       |       |
| 42       | 61.9  | 47.3  | 70.9  |
| 101      | 9.0   | 7.0   | 10.4  |
| 130      | 19.7  | 14.6  | 22.0  |



#20  
3+4-Methylphenols  
Concen: 51.290 ng  
RT: 8.848 min Scan# 929  
Delta R.T. 0.002 min  
Lab File: BG053922.D  
Acq: 15 Jun 2022 17:14

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 107   | Resp: | 62569 |
| Ion      | Ratio | Lower | Upper |
| 107      | 100   |       |       |
| 108      | 86.3  | 67.5  | 107.5 |
| 77       | 34.1  | 20.3  | 60.3  |
| 79       | 29.7  | 16.7  | 56.7  |

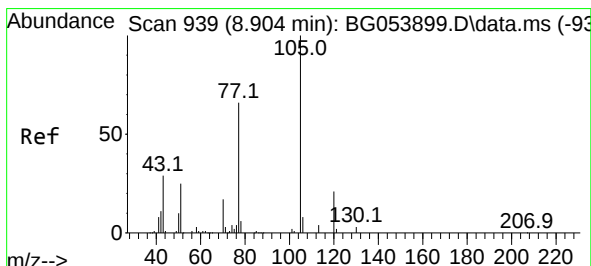
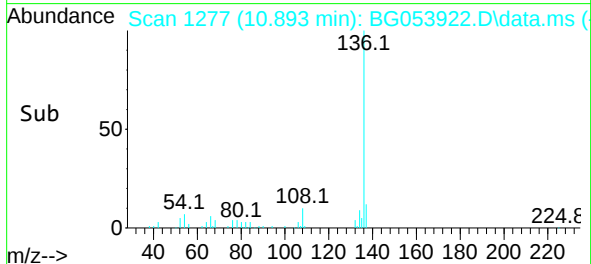
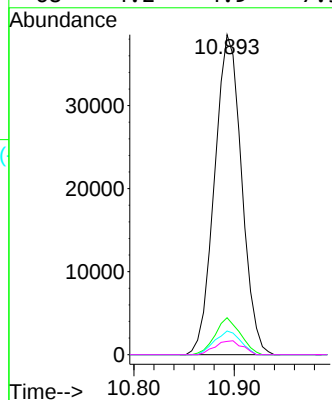
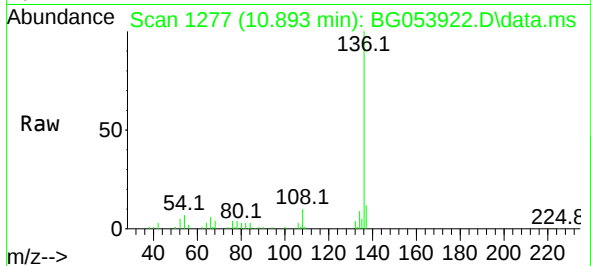




#21  
Naphthalene-d8  
Concen: 20.000 ng  
RT: 10.893 min Scan# 11  
Delta R.T. -0.004 min  
Lab File: BG053922.D  
Acq: 15 Jun 2022 17:14

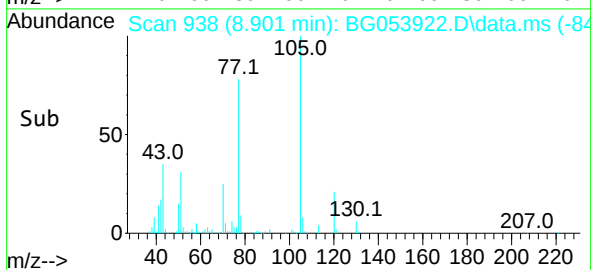
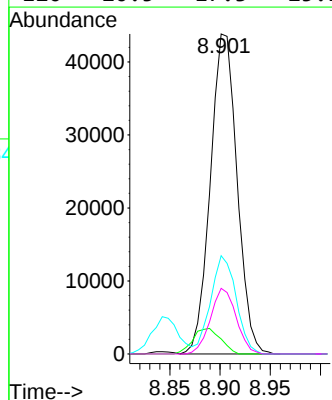
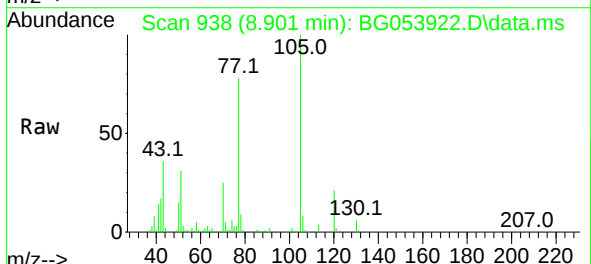
Instrument :  
BNA\_G  
ClientSampleId :  
CB-226-(26-28)MSD

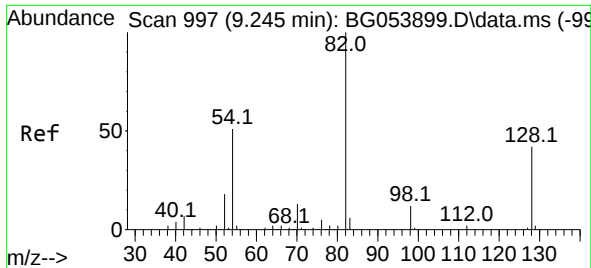
|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 136   | Resp: | 72052 |
| Ion Ratio | Lower | Upper |       |
| 136       | 100   |       |       |
| 137       | 11.6  | 8.5   | 12.7  |
| 54        | 7.4   | 7.4   | 11.2# |
| 68        | 4.2   | 4.9   | 7.3#  |



#22  
Acetophenone  
Concen: 46.438 ng  
RT: 8.901 min Scan# 938  
Delta R.T. -0.004 min  
Lab File: BG053922.D  
Acq: 15 Jun 2022 17:14

|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 105   | Resp: | 81331 |
| Ion Ratio | Lower | Upper |       |
| 105       | 100   |       |       |
| 71        | 4.7   | 1.1   | 1.7#  |
| 51        | 30.7  | 25.4  | 38.0  |
| 120       | 20.5  | 17.3  | 25.9  |

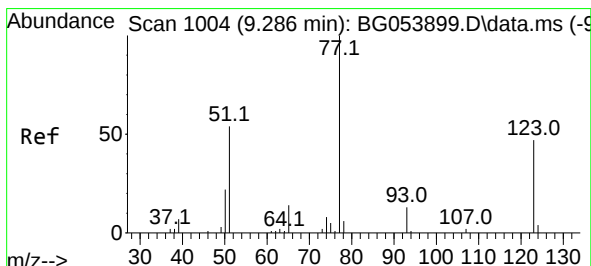
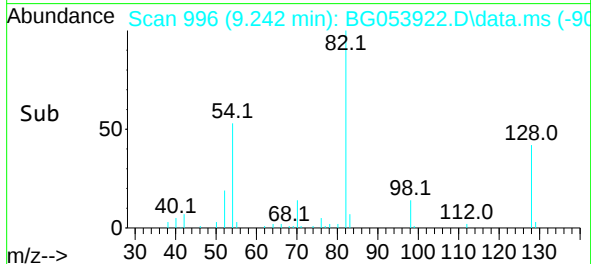
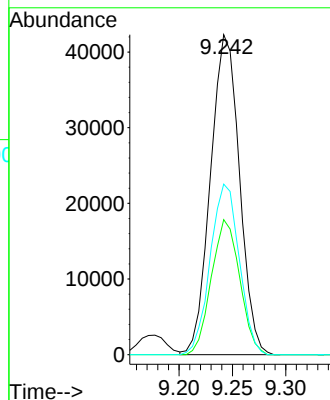
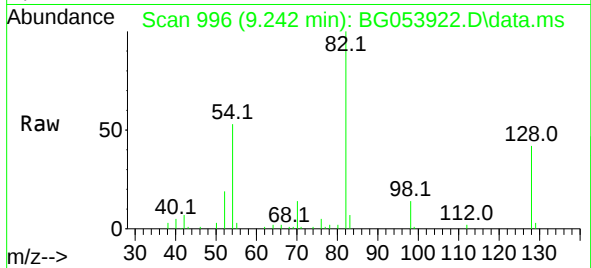




#23  
Nitrobenzene-d5  
Concen: 62.352 ng  
RT: 9.242 min Scan# 91  
Delta R.T. -0.004 min  
Lab File: BG053922.D  
Acq: 15 Jun 2022 17:14

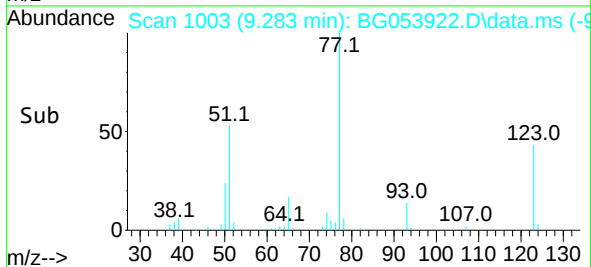
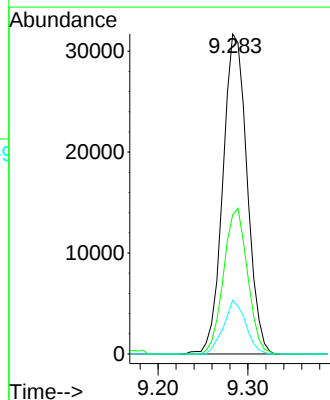
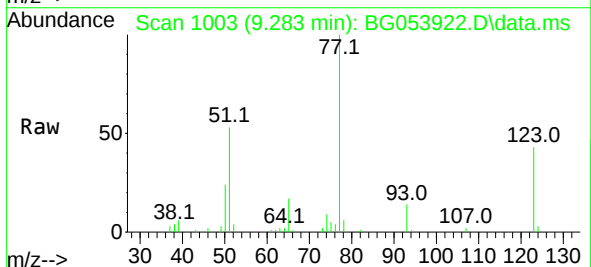
Instrument :  
BNA\_G  
ClientSampleId :  
CB-226-(26-28)MSD

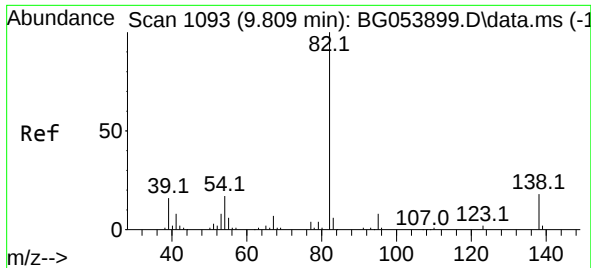
Tgt Ion: 82 Resp: 79945  
Ion Ratio Lower Upper  
82 100  
128 42.2 27.9 41.9#  
54 53.3 41.2 61.8



#24  
Nitrobenzene  
Concen: 46.985 ng  
RT: 9.283 min Scan# 1003  
Delta R.T. -0.004 min  
Lab File: BG053922.D  
Acq: 15 Jun 2022 17:14

Tgt Ion: 77 Resp: 59323  
Ion Ratio Lower Upper  
77 100  
123 43.4 27.4 41.0#  
65 16.8 11.4 17.0

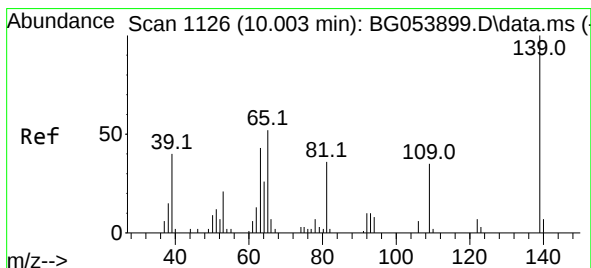
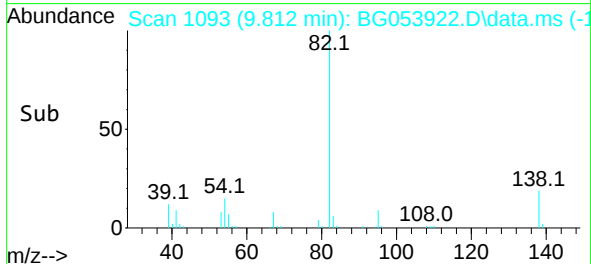
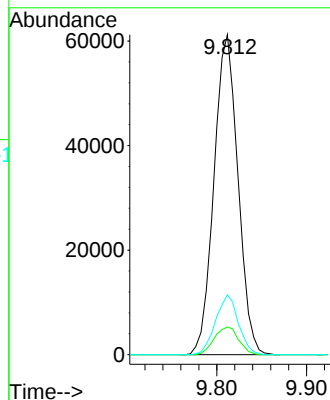
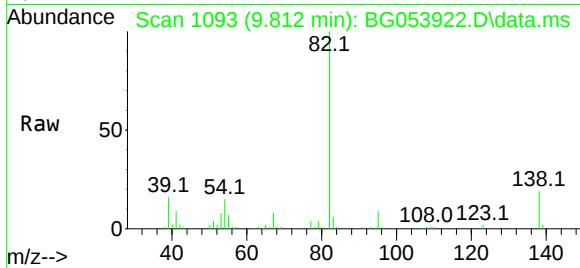




#25  
Isophorone  
Concen: 47.314 ng  
RT: 9.812 min Scan# 1109  
Delta R.T. 0.002 min  
Lab File: BG053922.D  
Acq: 15 Jun 2022 17:14

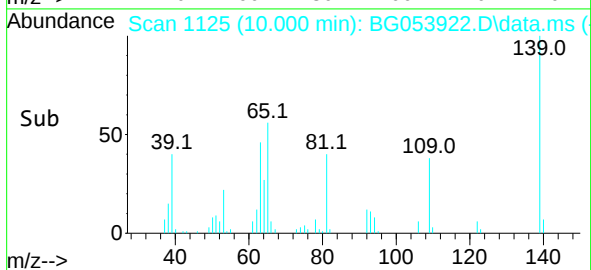
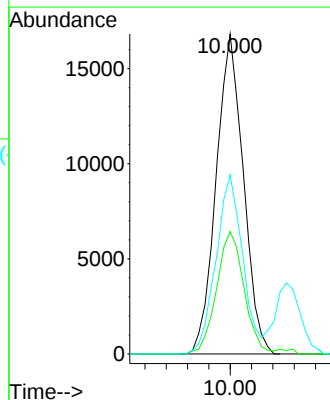
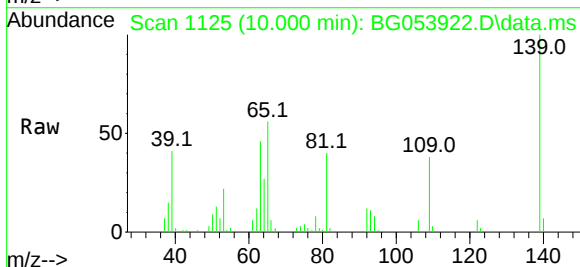
Instrument :  
BNA\_G  
ClientSampleId :  
CB-226-(26-28)MSD

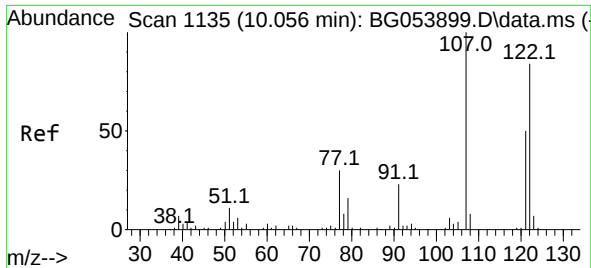
Tgt Ion: 82 Resp: 113298  
Ion Ratio Lower Upper  
82 100  
95 8.6 6.2 9.4  
138 18.7 11.6 17.4#



#26  
2-Nitrophenol  
Concen: 53.372 ng  
RT: 10.000 min Scan# 1125  
Delta R.T. -0.004 min  
Lab File: BG053922.D  
Acq: 15 Jun 2022 17:14

Tgt Ion:139 Resp: 29764  
Ion Ratio Lower Upper  
139 100  
109 38.3 36.1 54.1  
65 55.9 55.8 83.6





#27

2,4-Dimethylphenol

Concen: 59.063 ng

RT: 10.053 min Scan# 1135

Delta R.T. -0.004 min

Lab File: BG053922.D

Acq: 15 Jun 2022 17:14

Instrument :

BNA\_G

ClientSampleId :

CB-226-(26-28)MSD

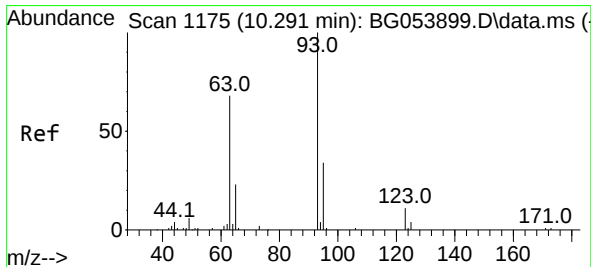
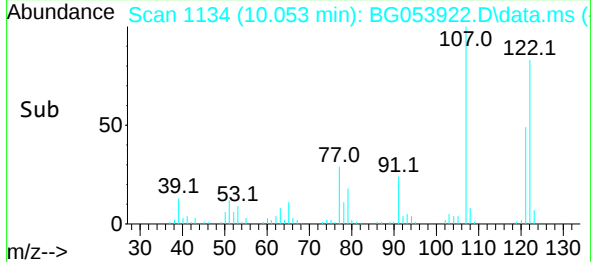
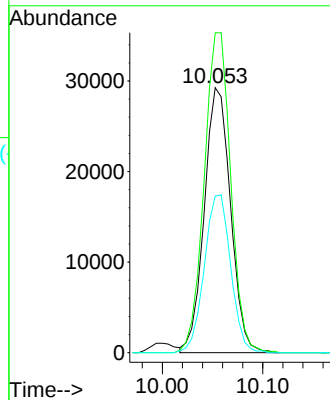
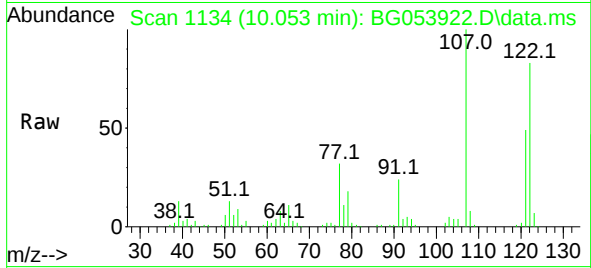
Tgt Ion:122 Resp: 53312

Ion Ratio Lower Upper

122 100

107 120.7 109.4 164.0

121 59.1 48.7 73.1



#28

bis(2-Chloroethoxy)methane

Concen: 49.848 ng

RT: 10.288 min Scan# 1174

Delta R.T. -0.004 min

Lab File: BG053922.D

Acq: 15 Jun 2022 17:14

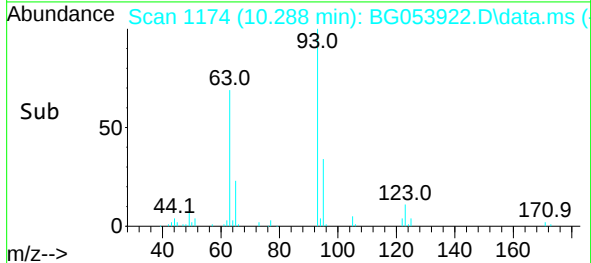
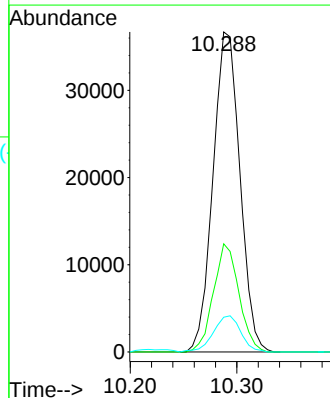
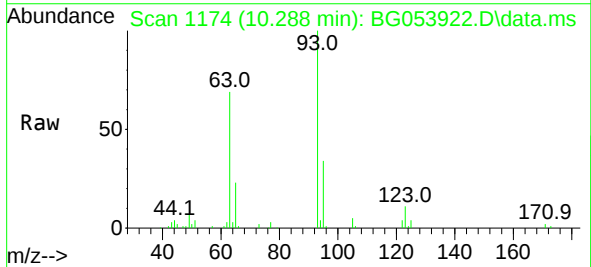
Tgt Ion: 93 Resp: 64303

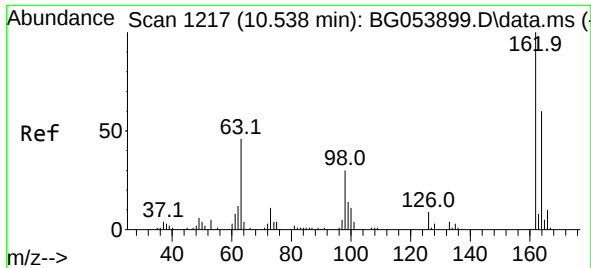
Ion Ratio Lower Upper

93 100

95 33.8 26.9 40.3

123 10.8 7.7 11.5

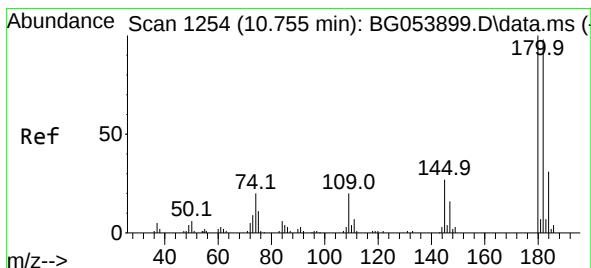
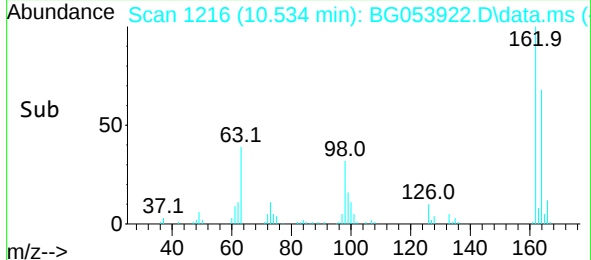
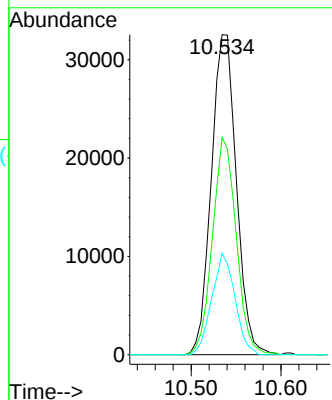
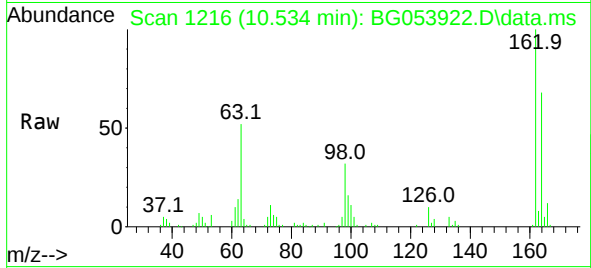




#29  
2,4-Dichlorophenol  
Concen: 52.240 ng  
RT: 10.534 min Scan# 11  
Delta R.T. -0.004 min  
Lab File: BG053922.D  
Acq: 15 Jun 2022 17:14

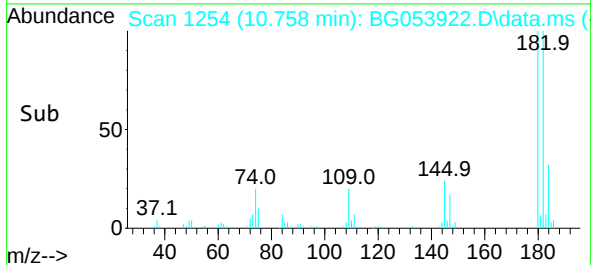
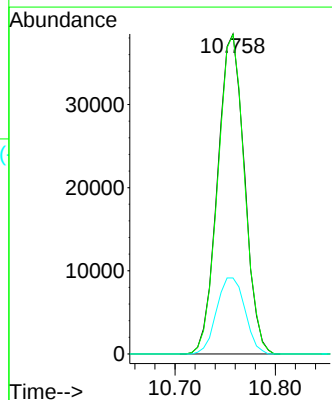
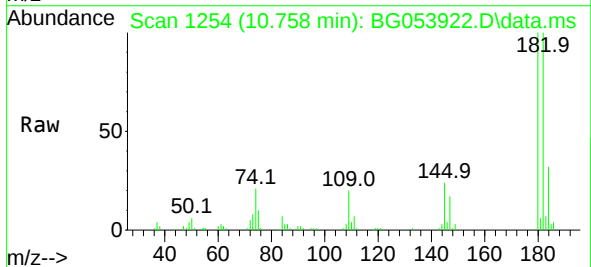
Instrument :  
BNA\_G  
ClientSampleId :  
CB-226-(26-28)MSD

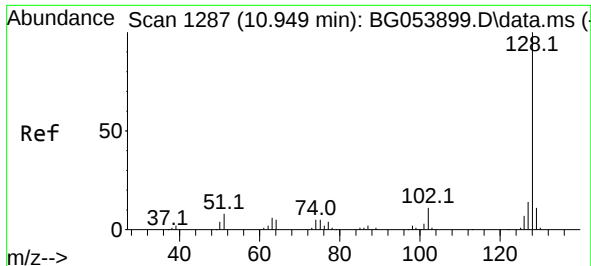
Tgt Ion:162 Resp: 63221  
Ion Ratio Lower Upper  
162 100  
164 67.9 46.6 86.6  
98 31.7 22.8 62.8



#30  
1,2,4-Trichlorobenzene  
Concen: 47.640 ng  
RT: 10.758 min Scan# 1254  
Delta R.T. -0.004 min  
Lab File: BG053922.D  
Acq: 15 Jun 2022 17:14

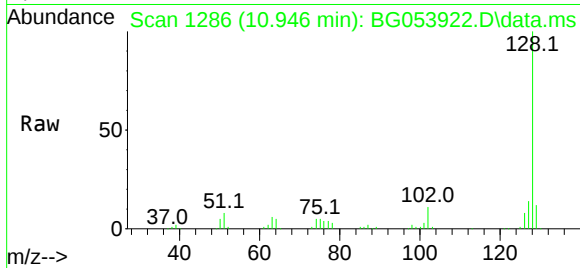
Tgt Ion:180 Resp: 71388  
Ion Ratio Lower Upper  
180 100  
182 99.8 76.6 115.0  
145 23.8 25.0 37.4#



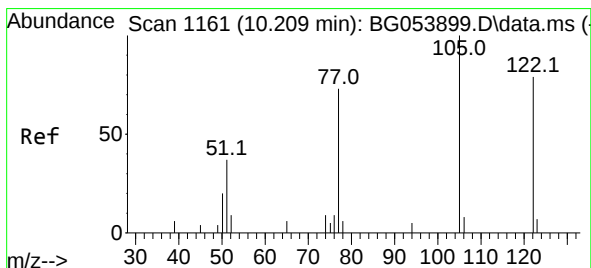
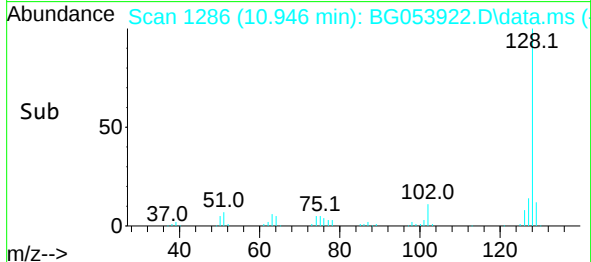
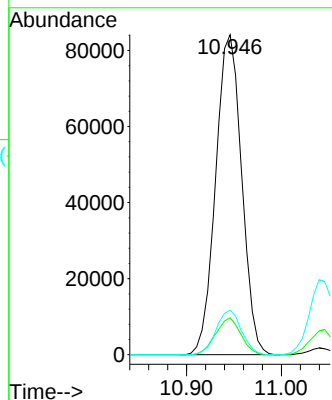


#31  
Naphthalene  
Concen: 44.101 ng  
RT: 10.946 min Scan# 1162  
Delta R.T. 0.002 min  
Lab File: BG053922.D  
Acq: 15 Jun 2022 17:14

Instrument :  
BNA\_G  
ClientSampleId :  
CB-226-(26-28)MSD

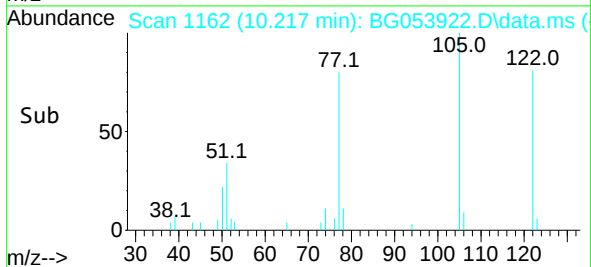
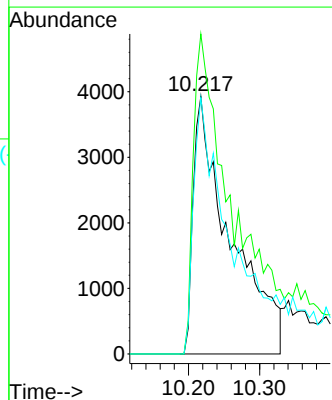
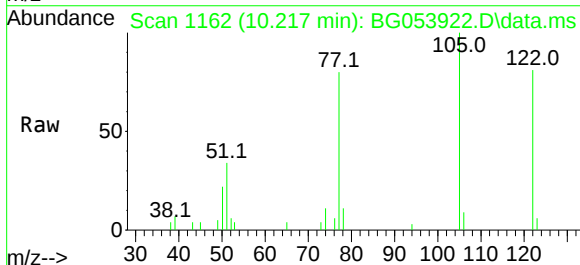


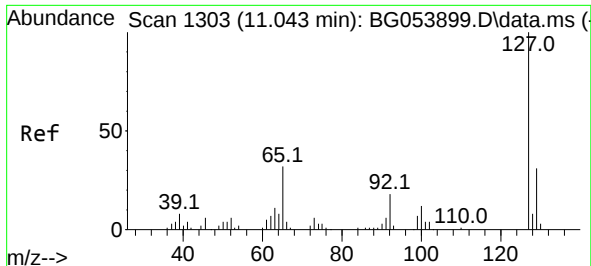
Tgt Ion:128 Resp: 160410  
Ion Ratio Lower Upper  
128 100  
129 11.5 9.0 13.6  
127 13.9 11.1 16.7



#32  
Benzoic acid  
Concen: 38.985 ng  
RT: 10.217 min Scan# 1162  
Delta R.T. 0.013 min  
Lab File: BG053922.D  
Acq: 15 Jun 2022 17:14

Tgt Ion:122 Resp: 14241  
Ion Ratio Lower Upper  
122 100  
105 124.2 111.8 151.8  
77 99.5 109.4 149.4#

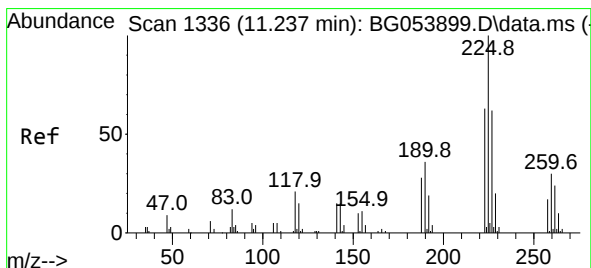
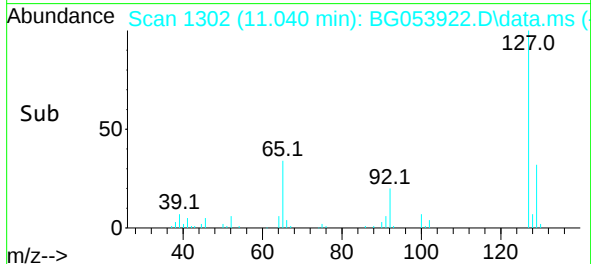
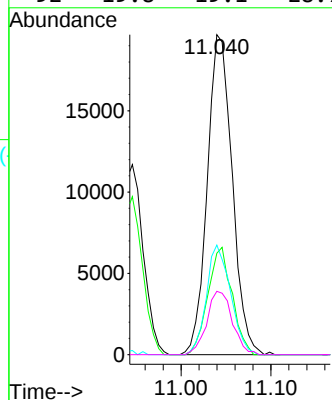
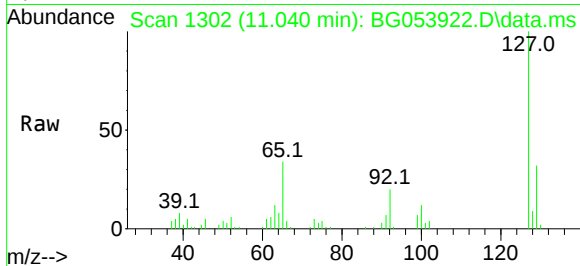




#33  
4-Chloroaniline  
Concen: 25.172 ng  
RT: 11.040 min Scan# 11  
Delta R.T. -0.004 min  
Lab File: BG053922.D  
Acq: 15 Jun 2022 17:14

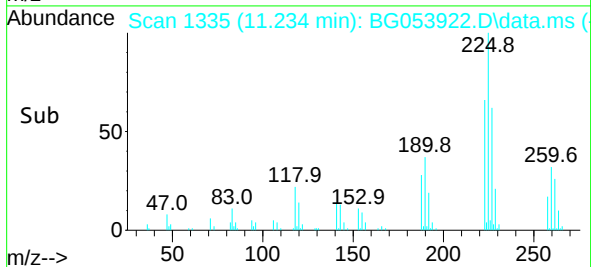
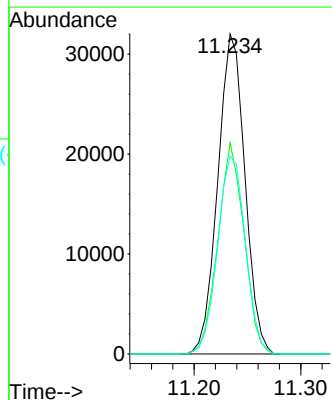
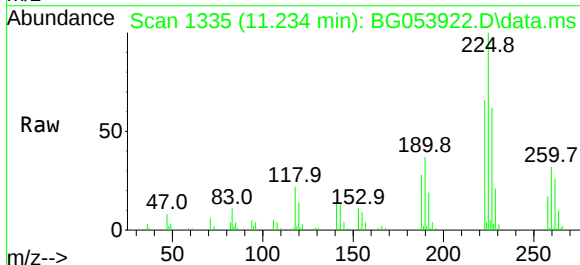
Instrument :  
BNA\_G  
ClientSampleId :  
CB-226-(26-28)MSD

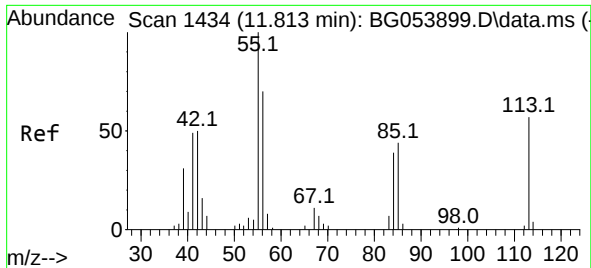
|             |       |           |
|-------------|-------|-----------|
| Tgt Ion:127 | Resp: | 37984     |
| Ion Ratio   | Lower | Upper     |
| 127         | 100   |           |
| 129         | 31.7  | 26.3 39.5 |
| 65          | 34.3  | 31.1 46.7 |
| 92          | 19.8  | 19.1 28.7 |



#34  
Hexachlorobutadiene  
Concen: 49.114 ng  
RT: 11.234 min Scan# 1335  
Delta R.T. -0.004 min  
Lab File: BG053922.D  
Acq: 15 Jun 2022 17:14

|             |       |           |
|-------------|-------|-----------|
| Tgt Ion:225 | Resp: | 56583     |
| Ion Ratio   | Lower | Upper     |
| 225         | 100   |           |
| 223         | 66.0  | 48.9 73.3 |
| 227         | 64.8  | 52.8 79.2 |

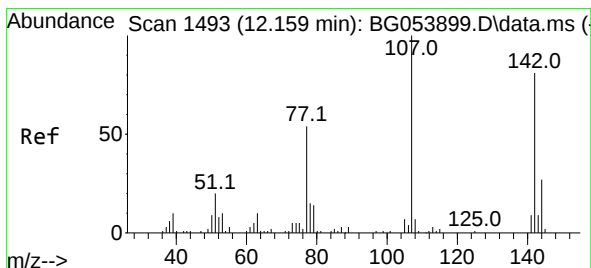
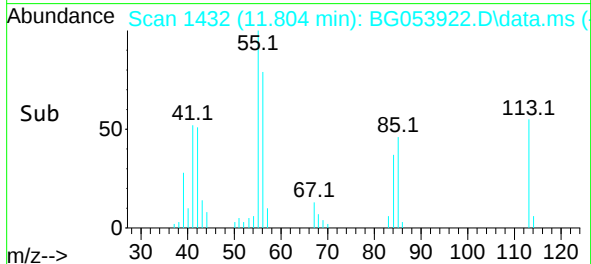
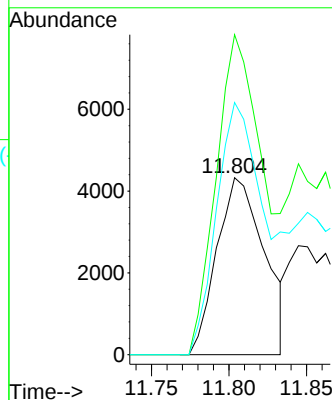
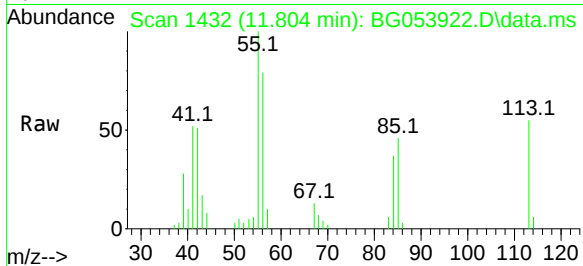




#35  
Caprolactam  
Concen: 27.647 ng  
RT: 11.804 min Scan# 1432  
Delta R.T. -0.010 min  
Lab File: BG053922.D  
Acq: 15 Jun 2022 17:14

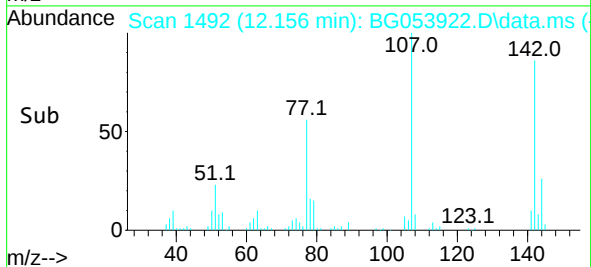
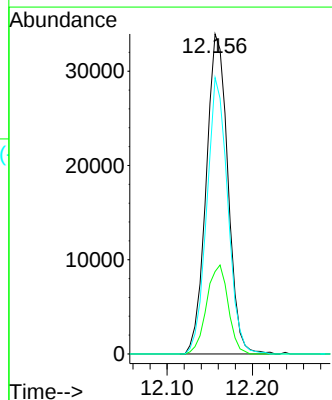
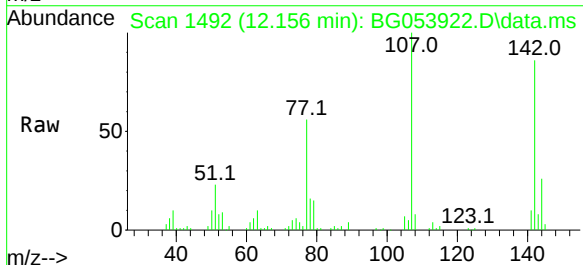
Instrument :  
BNA\_G  
ClientSampleId :  
CB-226-(26-28)MSD

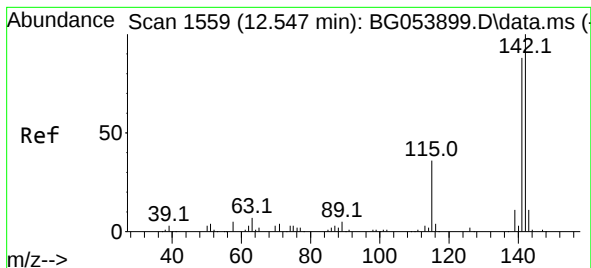
Tgt Ion:113 Resp: 9211  
Ion Ratio Lower Upper  
113 100  
55 180.8 169.8 209.8  
56 142.4 141.2 181.2



#36  
4-Chloro-3-methylphenol  
Concen: 51.032 ng  
RT: 12.156 min Scan# 1492  
Delta R.T. -0.004 min  
Lab File: BG053922.D  
Acq: 15 Jun 2022 17:14

Tgt Ion:107 Resp: 60036  
Ion Ratio Lower Upper  
107 100  
144 25.7 18.5 27.7  
142 86.3 55.0 82.4#





#37

2-Methylnaphthalene

Concen: 45.427 ng

RT: 12.544 min Scan# 1

Delta R.T. -0.004 min

Lab File: BG053922.D

Acq: 15 Jun 2022 17:14

Instrument :

BNA\_G

ClientSampleId :

CB-226-(26-28)MSD

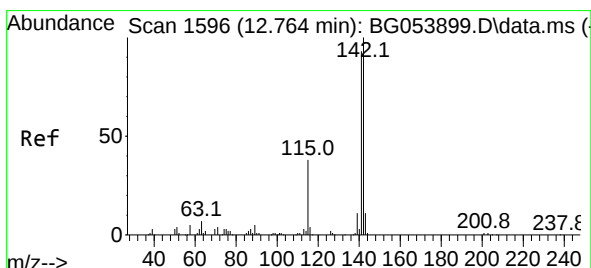
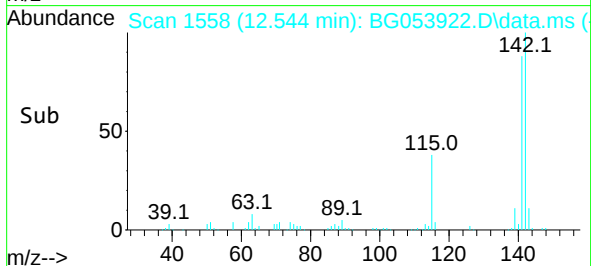
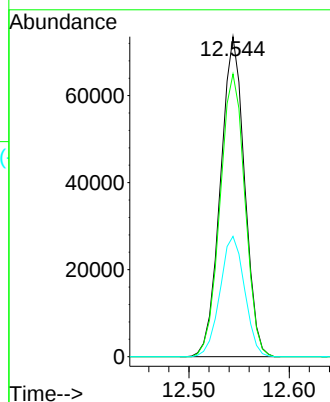
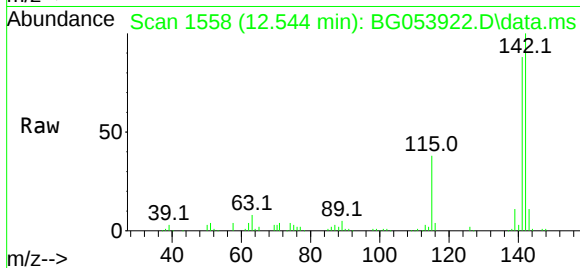
Tgt Ion:142 Resp: 122252

Ion Ratio Lower Upper

142 100

141 88.3 72.3 108.5

115 37.6 33.7 50.5



#38

1-Methylnaphthalene

Concen: 45.407 ng

RT: 12.761 min Scan# 1595

Delta R.T. -0.004 min

Lab File: BG053922.D

Acq: 15 Jun 2022 17:14

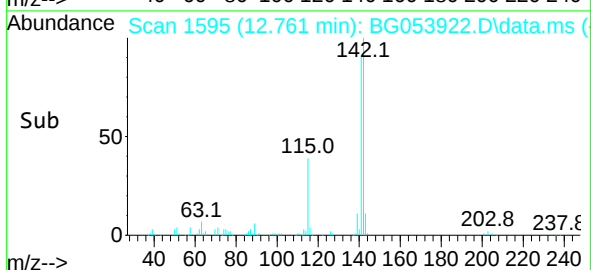
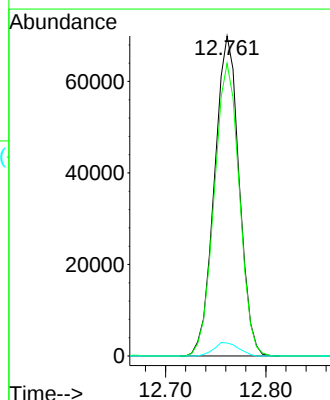
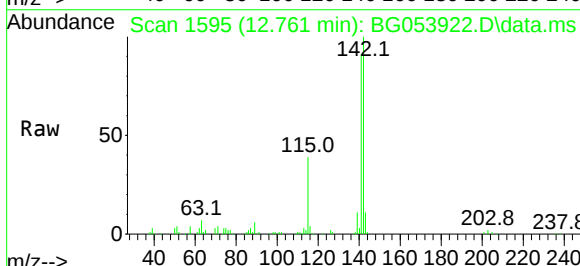
Tgt Ion:142 Resp: 118984

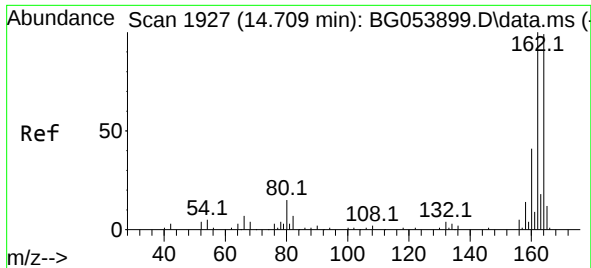
Ion Ratio Lower Upper

142 100

141 91.5 76.4 114.6

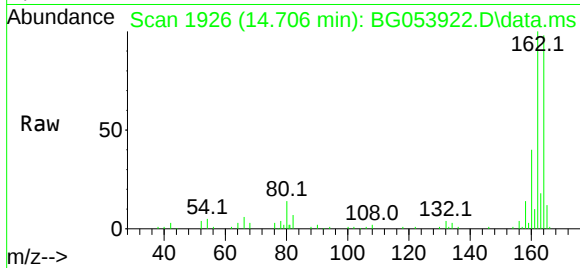
116 4.1 3.3 4.9



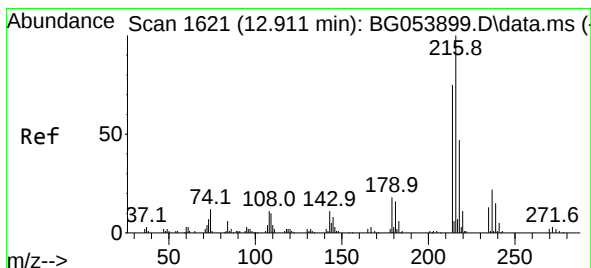
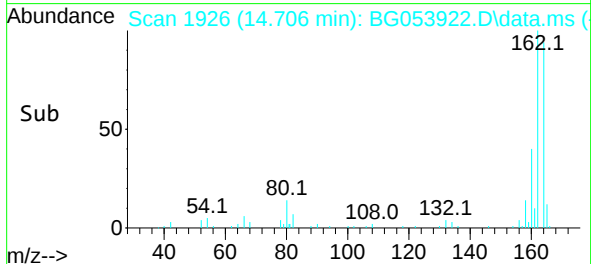
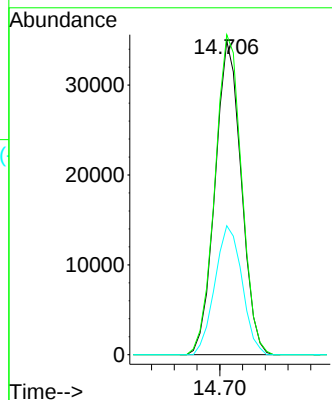


#39  
Acenaphthene-d10  
Concen: 20.000 ng  
RT: 14.706 min Scan# 1927  
Delta R.T. -0.004 min  
Lab File: BG053922.D  
Acq: 15 Jun 2022 17:14

Instrument :  
BNA\_G  
ClientSampleId :  
CB-226-(26-28)MSD

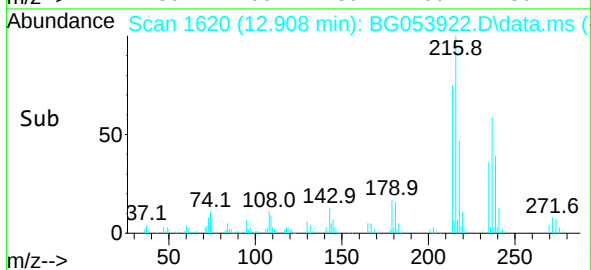
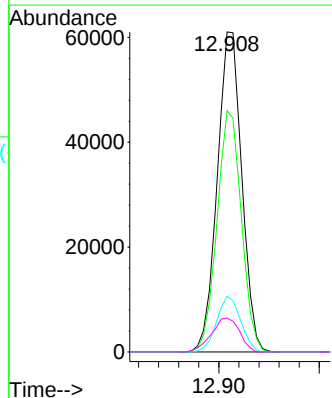
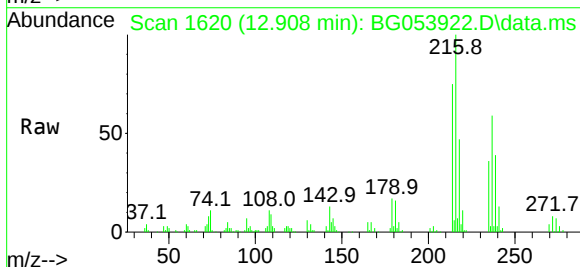


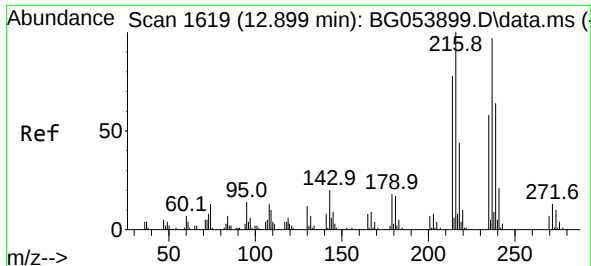
Tgt Ion:164 Resp: 55715  
Ion Ratio Lower Upper  
164 100  
162 102.0 82.3 123.5  
160 41.1 34.2 51.2



#40  
1,2,4,5-Tetrachlorobenzene  
Concen: 48.197 ng  
RT: 12.908 min Scan# 1620  
Delta R.T. -0.004 min  
Lab File: BG053922.D  
Acq: 15 Jun 2022 17:14

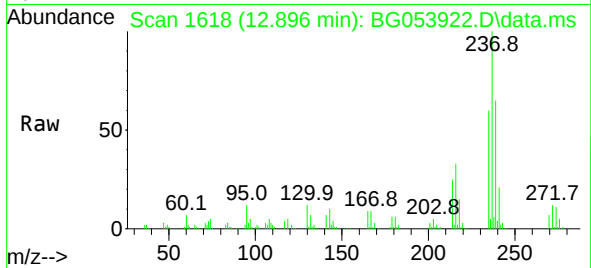
Tgt Ion:216 Resp: 103471  
Ion Ratio Lower Upper  
216 100  
214 74.9 62.9 94.3  
179 17.0 16.1 24.1  
108 12.1 12.2 18.2#



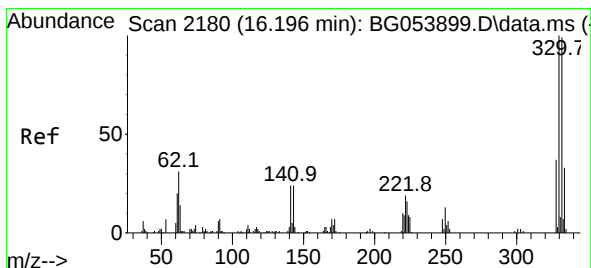
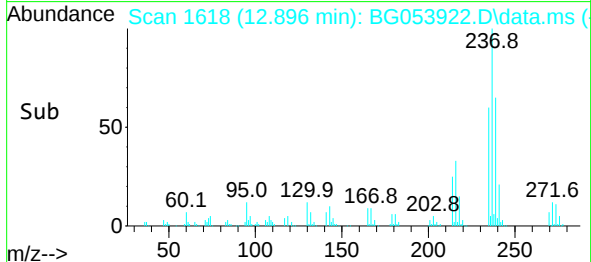
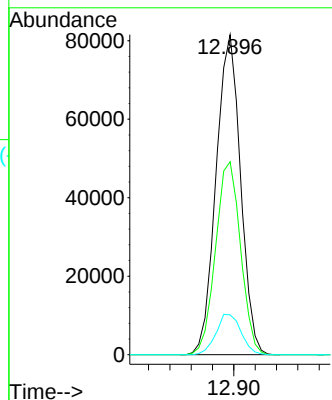


#41  
Hexachlorocyclopentadiene  
Concen: 129.932 ng  
RT: 12.896 min Scan# 1  
Delta R.T. 0.002 min  
Lab File: BG053922.D  
Acq: 15 Jun 2022 17:14

Instrument :  
BNA\_G  
ClientSampleId :  
CB-226-(26-28)MSD

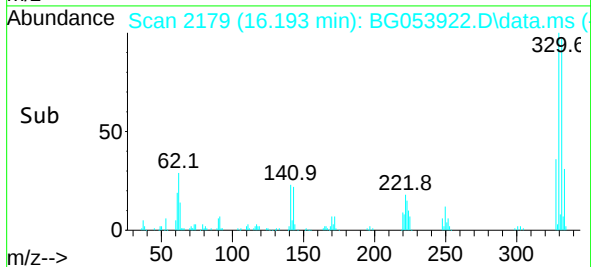
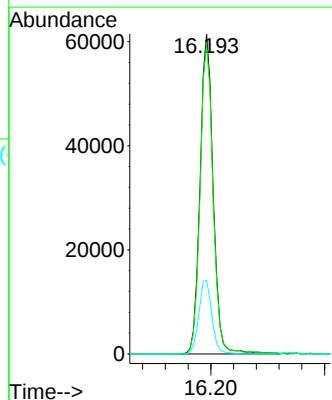
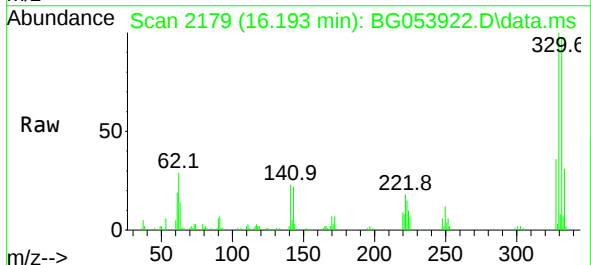


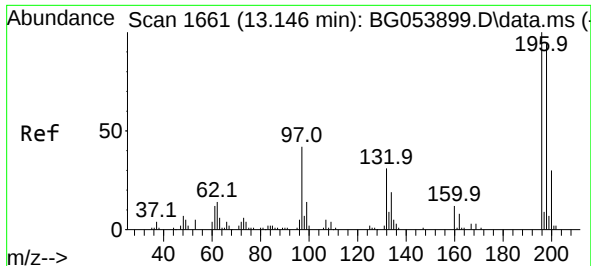
Tgt Ion:237 Resp: 129887  
Ion Ratio Lower Upper  
237 100  
235 60.3 43.5 83.5  
272 12.5 0.0 30.1



#42  
2,4,6-Tribromophenol  
Concen: 109.996 ng  
RT: 16.193 min Scan# 2179  
Delta R.T. 0.002 min  
Lab File: BG053922.D  
Acq: 15 Jun 2022 17:14

Tgt Ion:330 Resp: 98464  
Ion Ratio Lower Upper  
330 100  
332 95.0 76.0 114.0  
141 22.9 27.1 40.7#

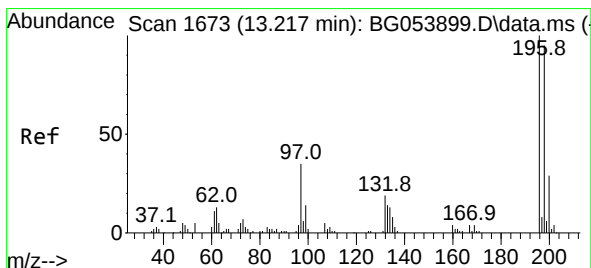
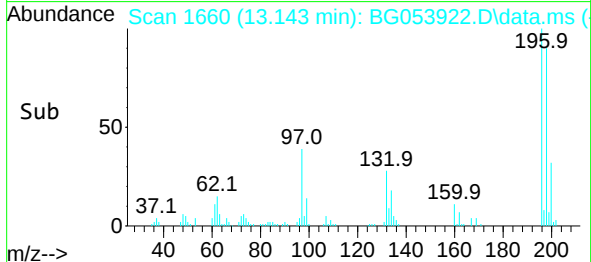
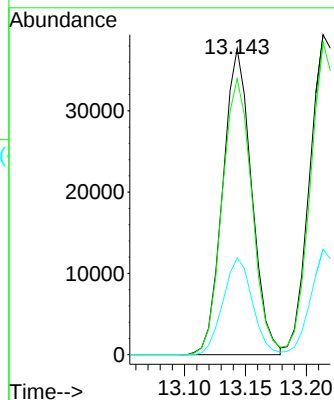
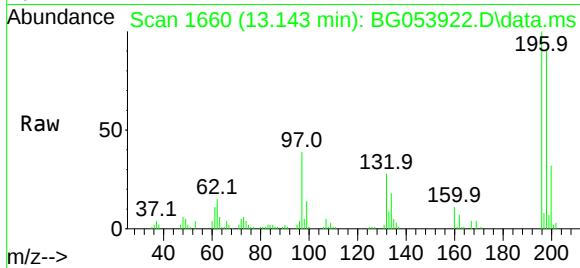




#43  
2,4,6-Trichlorophenol  
Concen: 51.400 ng  
RT: 13.143 min Scan# 1  
Delta R.T. 0.002 min  
Lab File: BG053922.D  
Acq: 15 Jun 2022 17:14

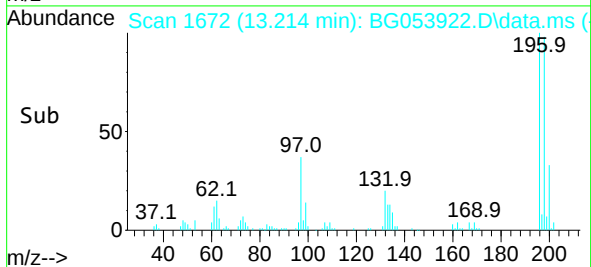
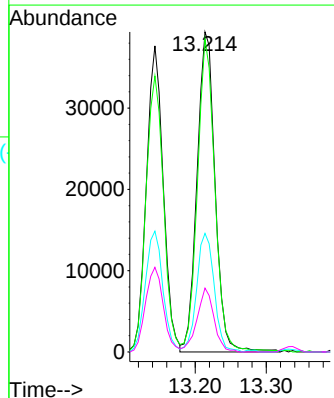
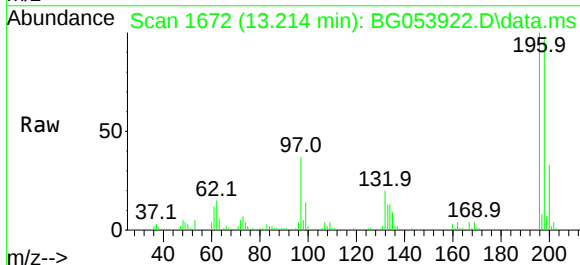
Instrument :  
BNA\_G  
ClientSampleId :  
CB-226-(26-28)MSD

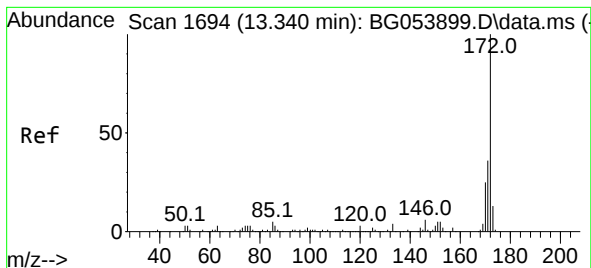
Tgt Ion:196 Resp: 61985  
Ion Ratio Lower Upper  
196 100  
198 90.1 74.1 111.1  
200 31.6 24.7 37.1



#44  
2,4,5-Trichlorophenol  
Concen: 51.725 ng  
RT: 13.214 min Scan# 1672  
Delta R.T. -0.004 min  
Lab File: BG053922.D  
Acq: 15 Jun 2022 17:14

Tgt Ion:196 Resp: 69648  
Ion Ratio Lower Upper  
196 100  
198 97.7 76.8 115.2  
97 37.1 39.8 59.6#  
132 19.9 18.4 27.6





#45

2-Fluorobiphenyl

Concen: 63.410 ng

RT: 13.331 min Scan# 1

Delta R.T. -0.004 min

Lab File: BG053922.D

Acq: 15 Jun 2022 17:14

Instrument :

BNA\_G

ClientSampleId :

CB-226-(26-28)MSD

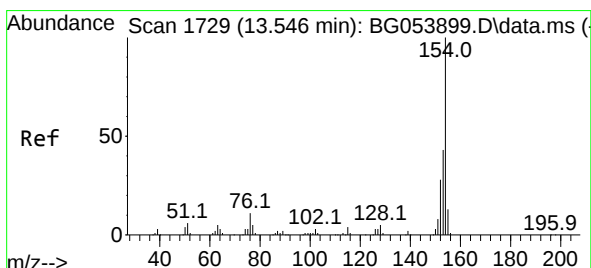
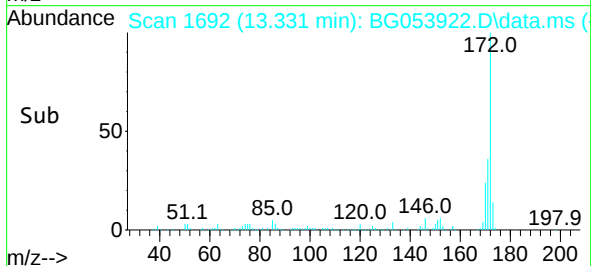
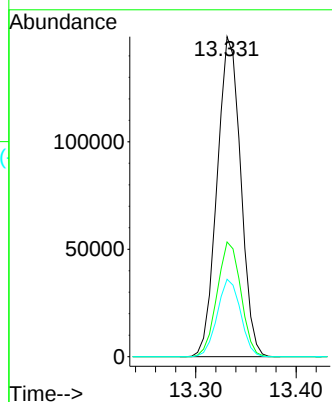
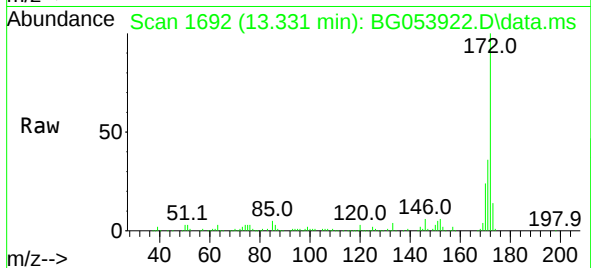
Tgt Ion:172 Resp: 242956

Ion Ratio Lower Upper

172 100

171 35.9 28.5 42.7

170 24.2 18.9 28.3



#46

1,1'-Biphenyl

Concen: 46.581 ng

RT: 13.543 min Scan# 1728

Delta R.T. -0.004 min

Lab File: BG053922.D

Acq: 15 Jun 2022 17:14

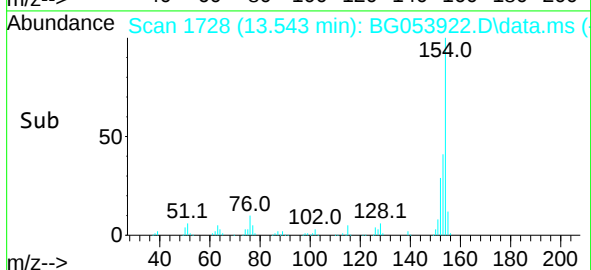
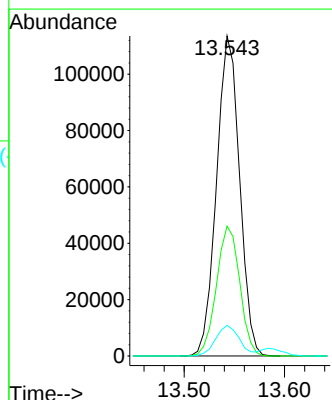
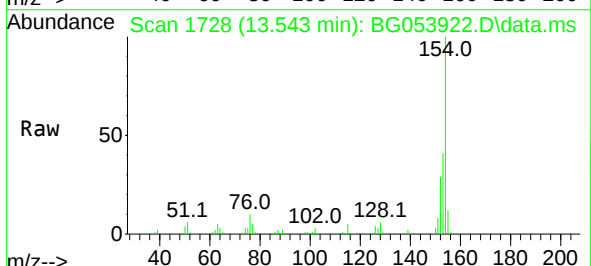
Tgt Ion:154 Resp: 180776

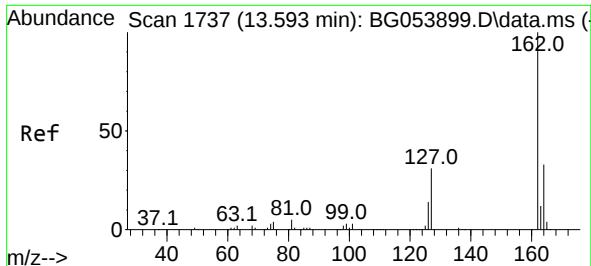
Ion Ratio Lower Upper

154 100

153 40.6 21.6 61.6

76 9.5 0.0 32.6

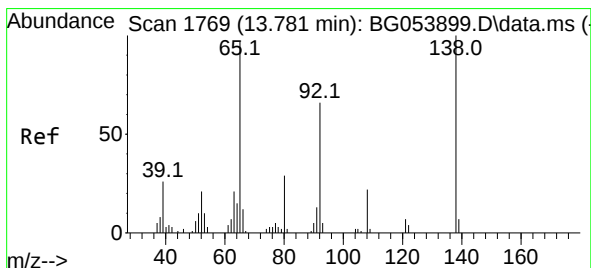
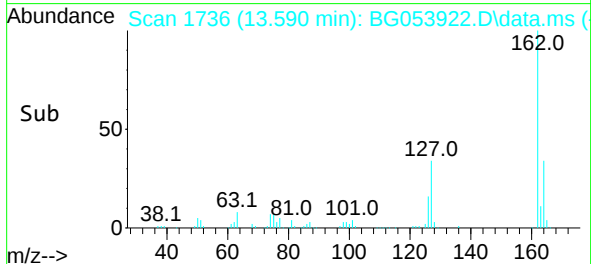
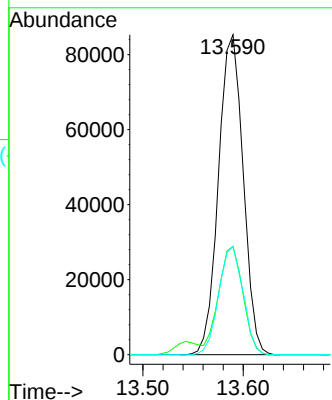
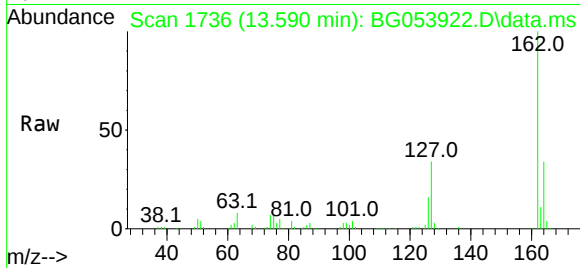




#47  
2-Chloronaphthalene  
Concen: 46.397 ng  
RT: 13.590 min Scan# 1737  
Delta R.T. 0.002 min  
Lab File: BG053922.D  
Acq: 15 Jun 2022 17:14

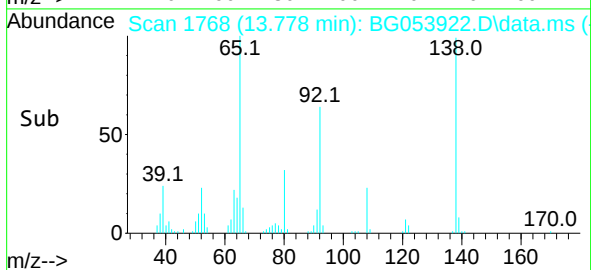
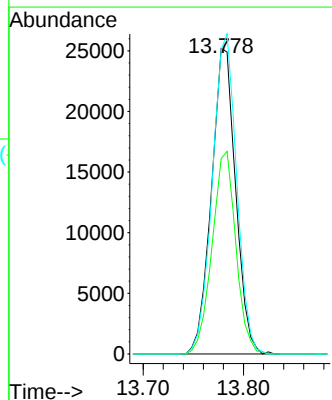
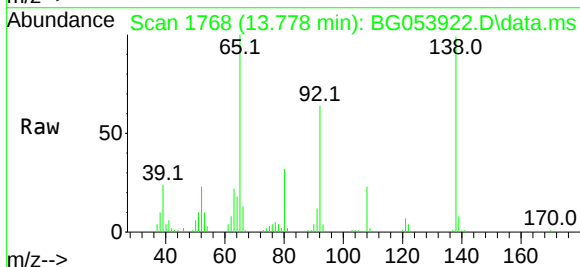
Instrument :  
BNA\_G  
ClientSampleId :  
CB-226-(26-28)MSD

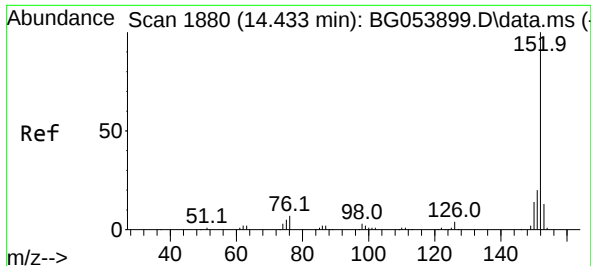
Tgt Ion:162 Resp: 145722  
Ion Ratio Lower Upper  
162 100  
127 33.8 30.6 45.8  
164 33.8 26.5 39.7



#48  
2-Nitroaniline  
Concen: 50.611 ng  
RT: 13.778 min Scan# 1768  
Delta R.T. -0.004 min  
Lab File: BG053922.D  
Acq: 15 Jun 2022 17:14

Tgt Ion: 65 Resp: 42284  
Ion Ratio Lower Upper  
65 100  
92 63.9 51.5 77.3  
138 99.4 71.3 106.9

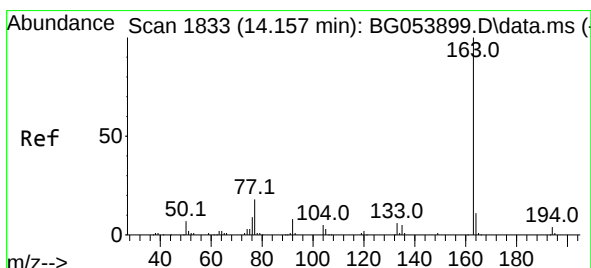
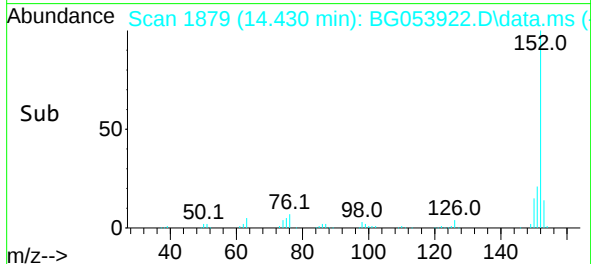
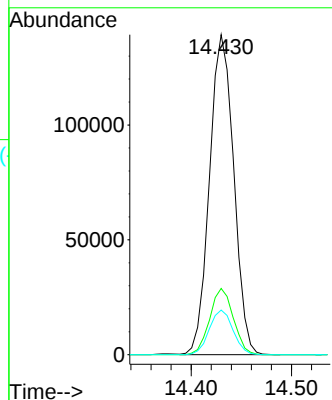
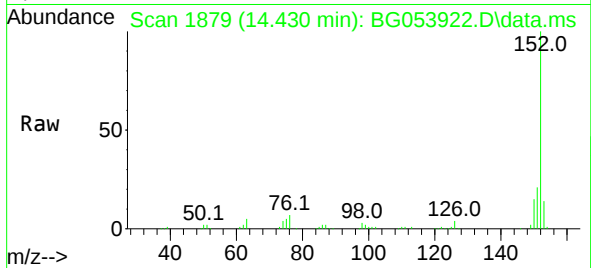




#49  
Acenaphthylene  
Concen: 47.912 ng  
RT: 14.430 min Scan# 1880  
Delta R.T. -0.004 min  
Lab File: BG053922.D  
Acq: 15 Jun 2022 17:14

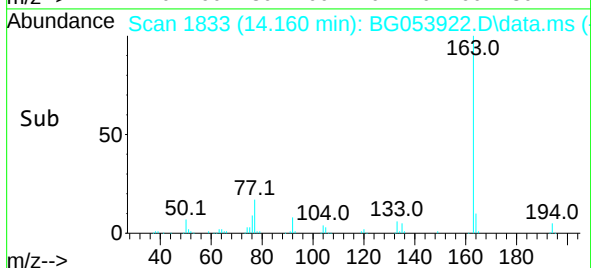
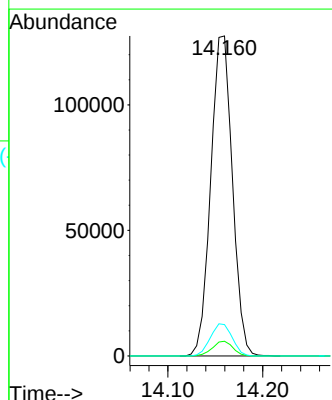
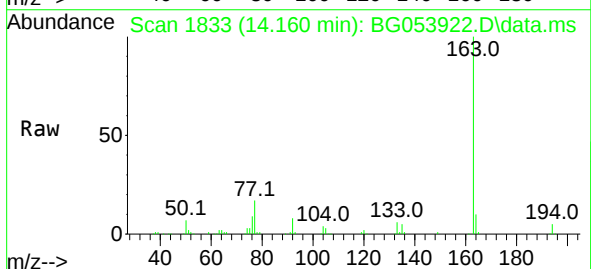
Instrument :  
BNA\_G  
ClientSampleId :  
CB-226-(26-28)MSD

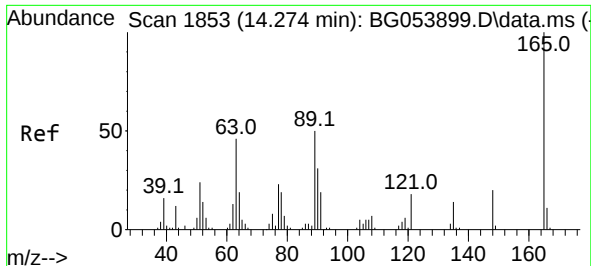
Tgt Ion:152 Resp: 233995  
Ion Ratio Lower Upper  
152 100  
151 20.7 16.4 24.6  
153 14.0 10.8 16.2



#50  
Dimethylphthalate  
Concen: 47.571 ng  
RT: 14.160 min Scan# 1833  
Delta R.T. 0.002 min  
Lab File: BG053922.D  
Acq: 15 Jun 2022 17:14

Tgt Ion:163 Resp: 201853  
Ion Ratio Lower Upper  
163 100  
194 4.6 3.0 4.6#  
164 9.8 8.0 12.0

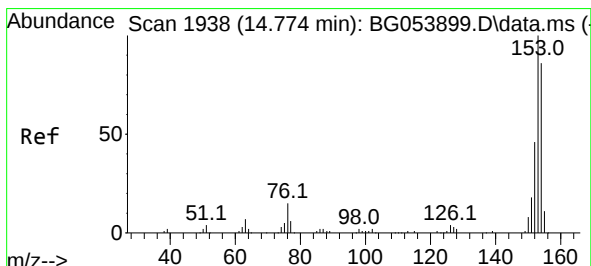
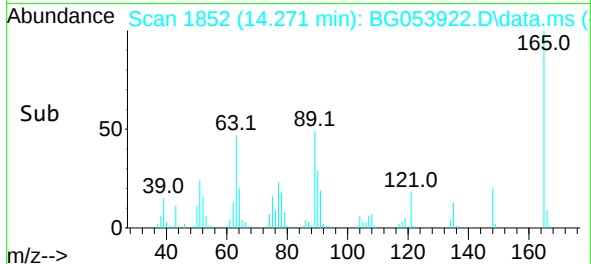
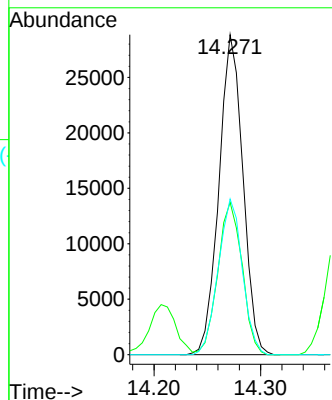
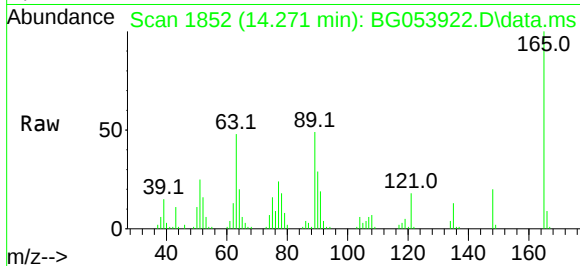




#51  
2,6-Dinitrotoluene  
Concen: 52.550 ng  
RT: 14.271 min Scan# 11  
Delta R.T. -0.004 min  
Lab File: BG053922.D  
Acq: 15 Jun 2022 17:14

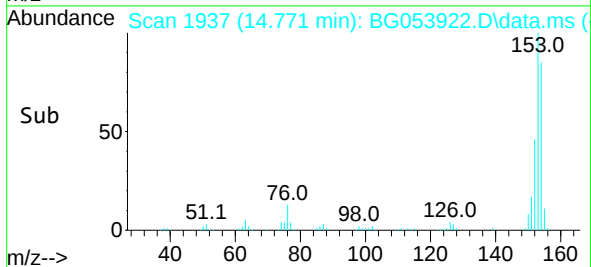
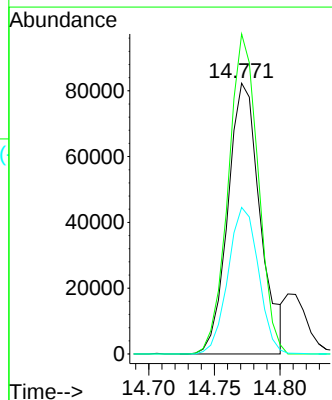
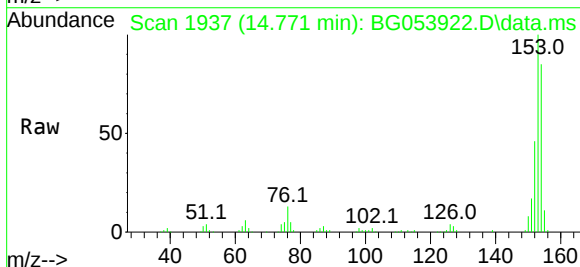
Instrument :  
BNA\_G  
ClientSampleId :  
CB-226-(26-28)MSD

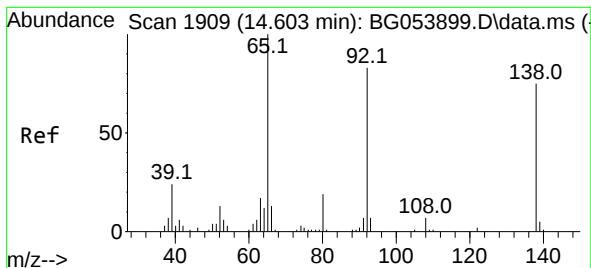
Tgt Ion:165 Resp: 45051  
Ion Ratio Lower Upper  
165 100  
63 47.6 54.1 81.1#  
89 48.6 54.8 82.2#



#52  
Acenaphthene  
Concen: 45.301 ng  
RT: 14.771 min Scan# 1937  
Delta R.T. -0.004 min  
Lab File: BG053922.D  
Acq: 15 Jun 2022 17:14

Tgt Ion:154 Resp: 141028  
Ion Ratio Lower Upper  
154 100  
153 118.2 92.7 139.1  
152 54.1 42.6 64.0





#53

3-Nitroaniline

Concen: 32.380 ng

RT: 14.600 min Scan# 1909

Delta R.T. 0.002 min

Lab File: BG053922.D

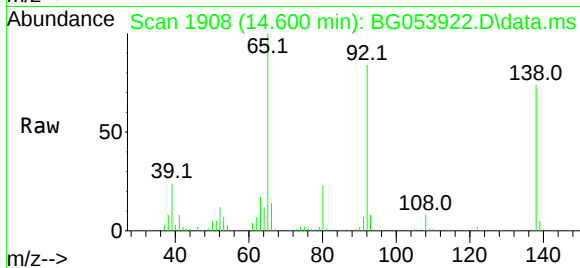
Acq: 15 Jun 2022 17:14

Instrument :

BNA\_G

ClientSampleId :

CB-226-(26-28)MSD



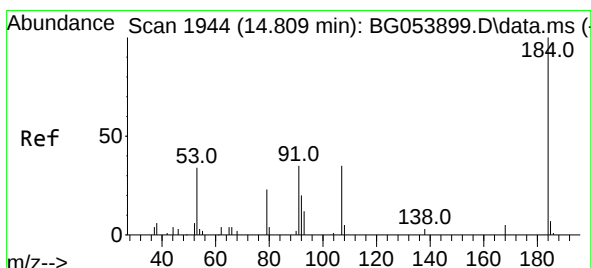
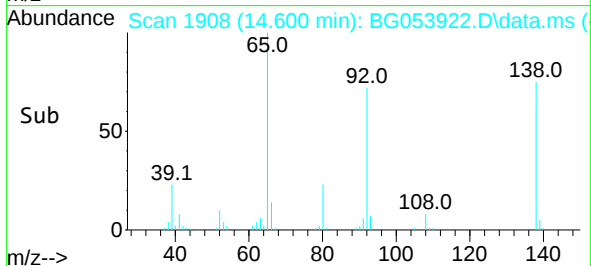
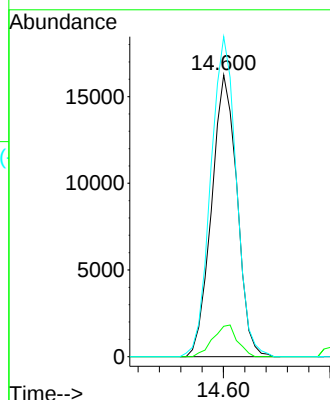
Tgt Ion:138 Resp: 26894

Ion Ratio Lower Upper

138 100

108 10.8 9.2 13.8

92 113.6 101.9 152.9



#54

2,4-Dinitrophenol

Concen: 102.196 ng

RT: 14.812 min Scan# 1944

Delta R.T. 0.002 min

Lab File: BG053922.D

Acq: 15 Jun 2022 17:14

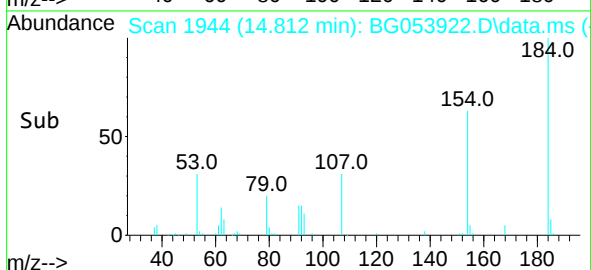
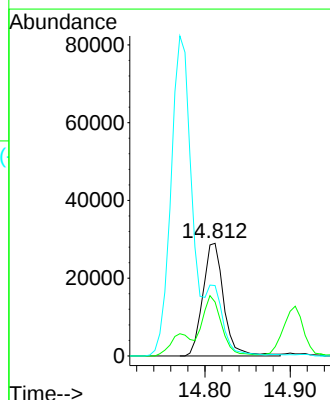
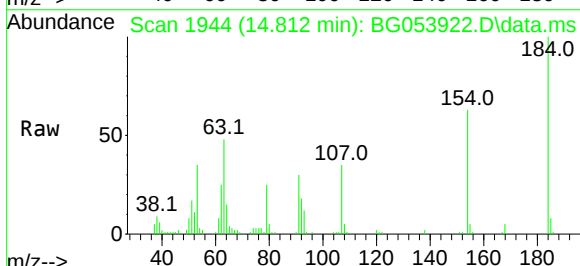
Tgt Ion:184 Resp: 49358

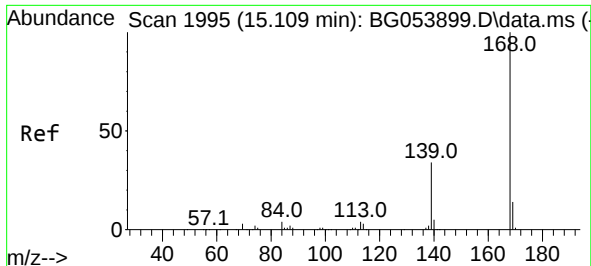
Ion Ratio Lower Upper

184 100

63 47.9 61.1 91.7#

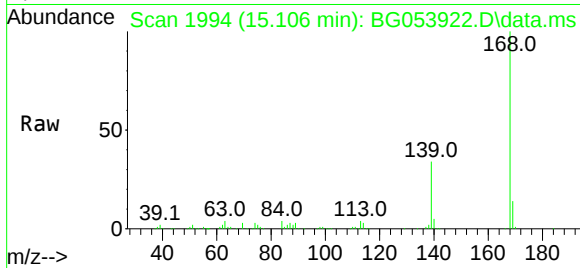
154 62.5 60.6 91.0



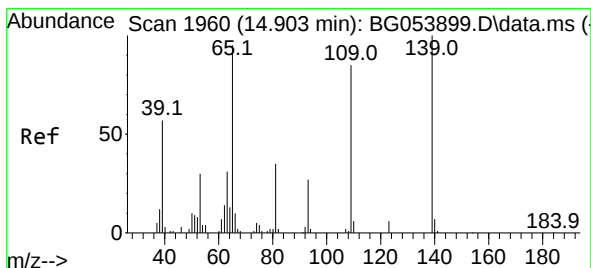
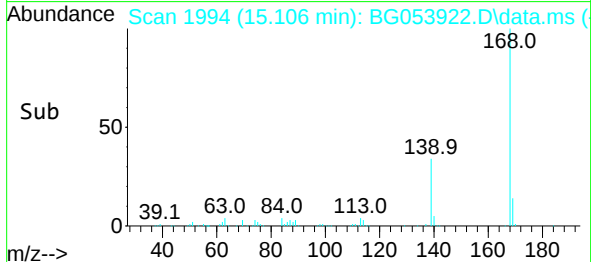
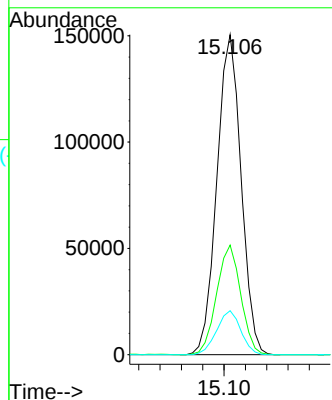


#55  
Dibenzofuran  
Concen: 47.221 ng  
RT: 15.106 min Scan# 1995  
Delta R.T. -0.004 min  
Lab File: BG053922.D  
Acq: 15 Jun 2022 17:14

Instrument :  
BNA\_G  
ClientSampleId :  
CB-226-(26-28)MSD

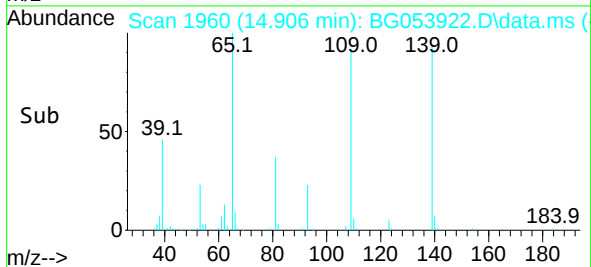
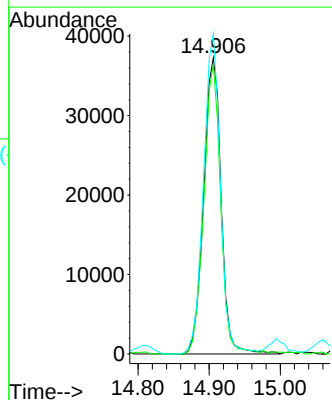
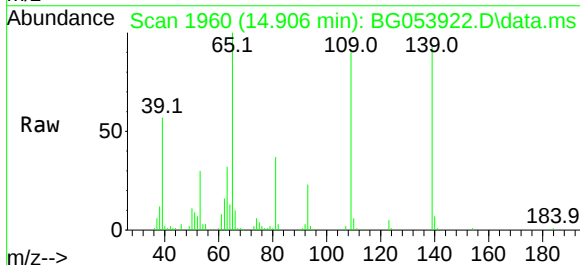


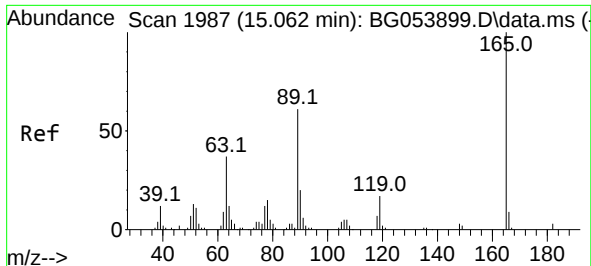
Tgt Ion:168 Resp: 236850  
Ion Ratio Lower Upper  
168 100  
139 34.3 30.5 45.7  
169 13.8 10.3 15.5



#56  
4-Nitrophenol  
Concen: 107.808 ng  
RT: 14.906 min Scan# 1960  
Delta R.T. 0.002 min  
Lab File: BG053922.D  
Acq: 15 Jun 2022 17:14

Tgt Ion:139 Resp: 63571  
Ion Ratio Lower Upper  
139 100  
109 97.6 88.5 128.5  
65 108.1 93.9 133.9





#57

2,4-Dinitrotoluene

Concen: 51.826 ng

RT: 15.059 min Scan# 1986

Delta R.T. -0.004 min

Lab File: BG053922.D

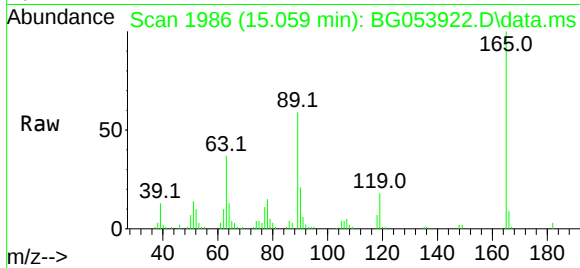
Acq: 15 Jun 2022 17:14

Instrument :

BNA\_G

ClientSampleId :

CB-226-(26-28)MSD



Tgt Ion:165 Resp: 62748

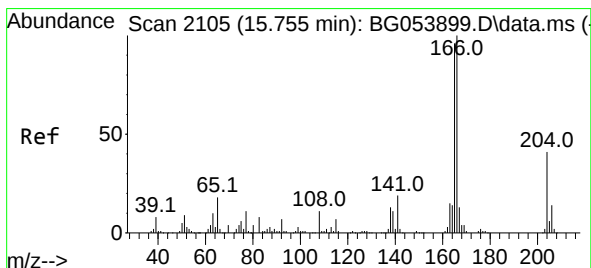
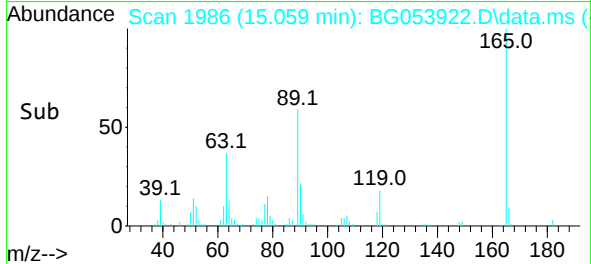
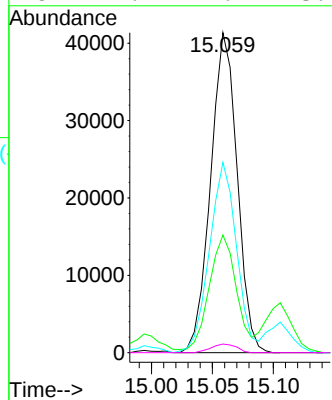
Ion Ratio Lower Upper

165 100

63 36.7 34.6 52.0

89 59.5 60.3 90.5#

182 2.7 2.2 3.4



#58

Fluorene

Concen: 46.420 ng

RT: 15.752 min Scan# 2104

Delta R.T. -0.004 min

Lab File: BG053922.D

Acq: 15 Jun 2022 17:14

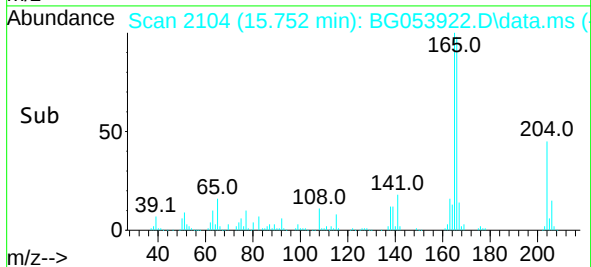
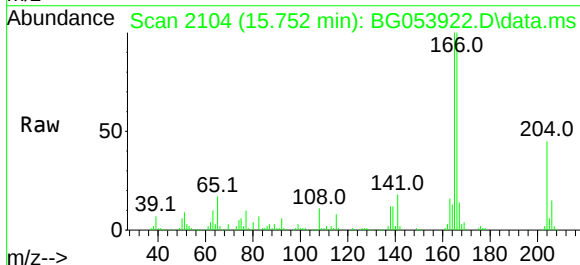
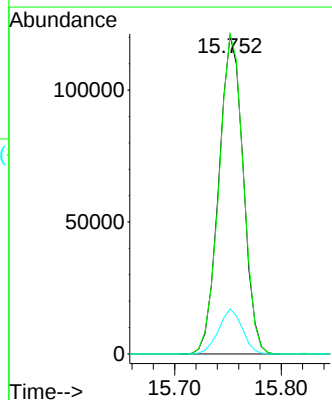
Tgt Ion:166 Resp: 191170

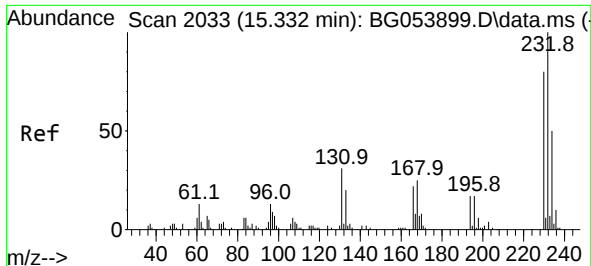
Ion Ratio Lower Upper

166 100

165 100.4 75.0 112.6

167 14.2 10.8 16.2





#59

2,3,4,6-Tetrachlorophenol

Concen: 51.519 ng

RT: 15.329 min Scan# 2032

Delta R.T. 0.002 min

Lab File: BG053922.D

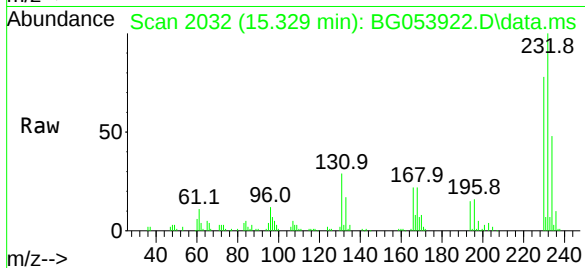
Acq: 15 Jun 2022 17:14

Instrument :

BNA\_G

ClientSampleId :

CB-226-(26-28)MSD



Tgt Ion:232 Resp: 67840

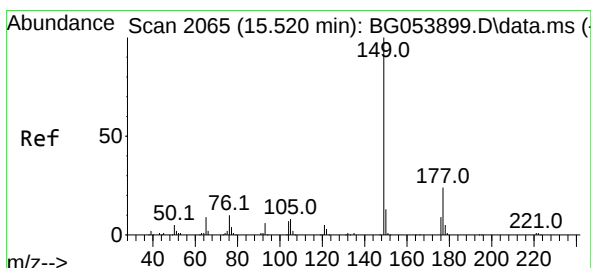
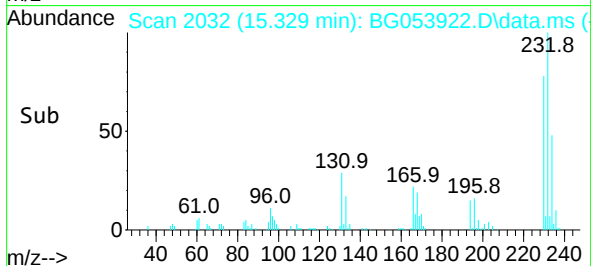
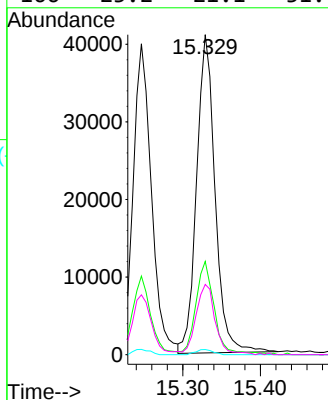
Ion Ratio Lower Upper

232 100

131 29.3 30.6 46.0#

130 1.5 1.8 2.8#

166 23.2 21.1 31.7



#60

Diethylphthalate

Concen: 47.171 ng

RT: 15.517 min Scan# 2064

Delta R.T. -0.004 min

Lab File: BG053922.D

Acq: 15 Jun 2022 17:14

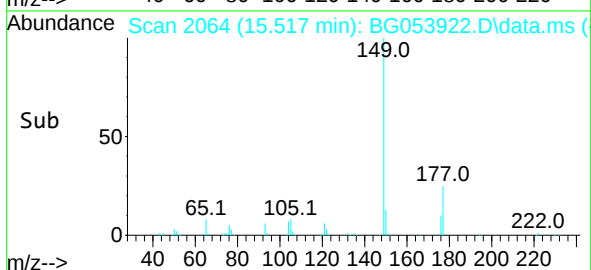
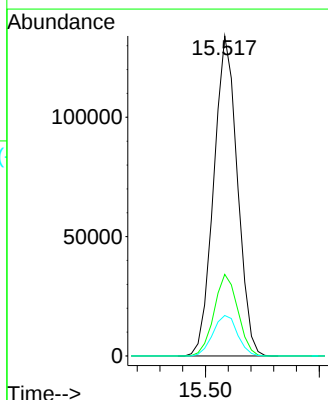
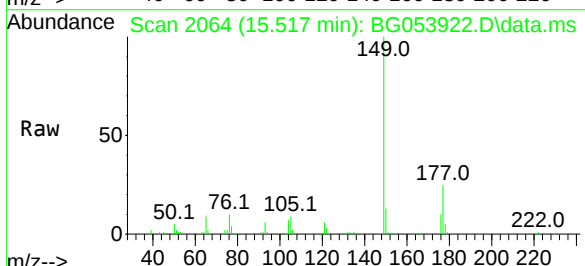
Tgt Ion:149 Resp: 193836

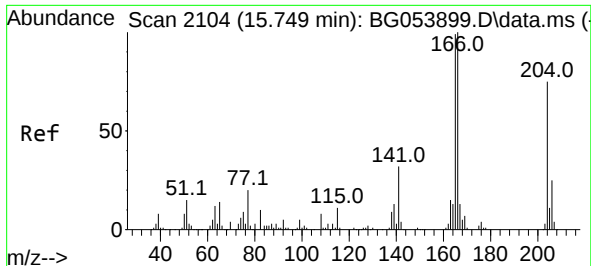
Ion Ratio Lower Upper

149 100

177 25.5 18.4 27.6

150 12.6 11.2 16.8

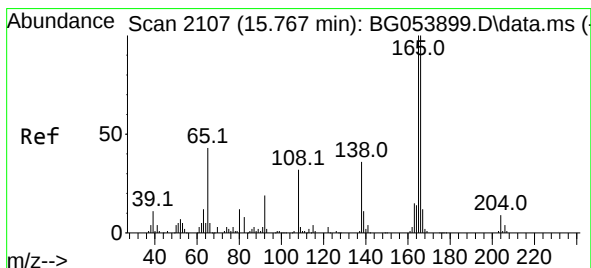
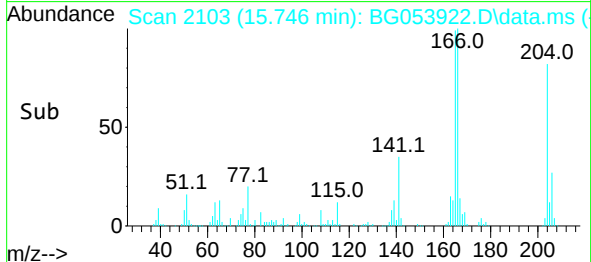
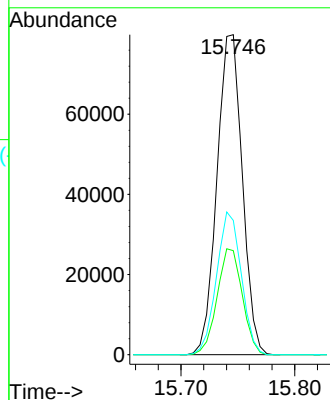
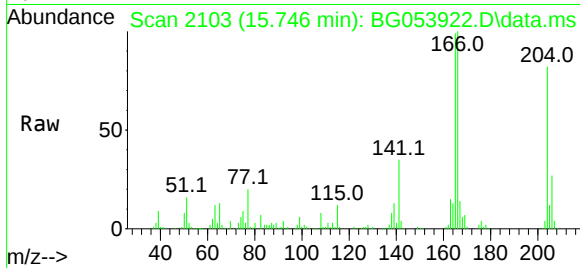




#61  
4-Chlorophenyl-phenylether  
Concen: 50.173 ng  
RT: 15.746 min Scan# 2103  
Delta R.T. 0.002 min  
Lab File: BG053922.D  
Acq: 15 Jun 2022 17:14

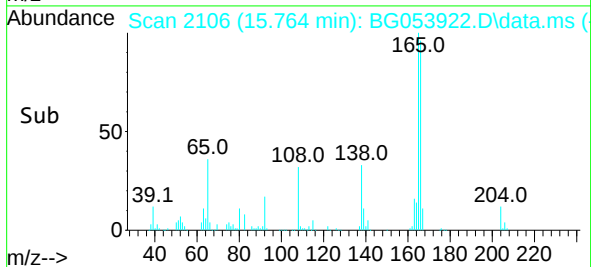
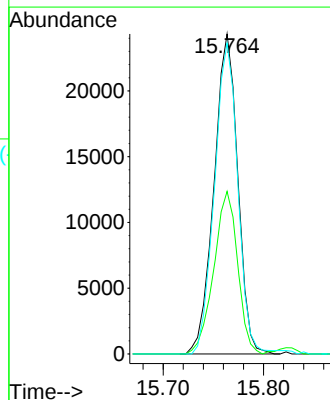
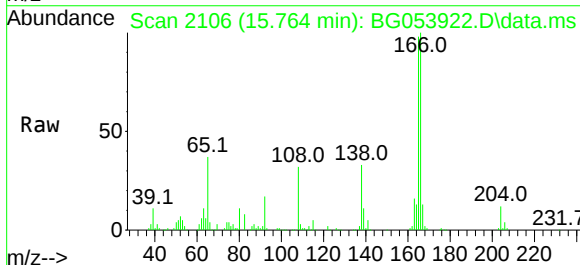
Instrument :  
BNA\_G  
ClientSampleId :  
CB-226-(26-28)MSD

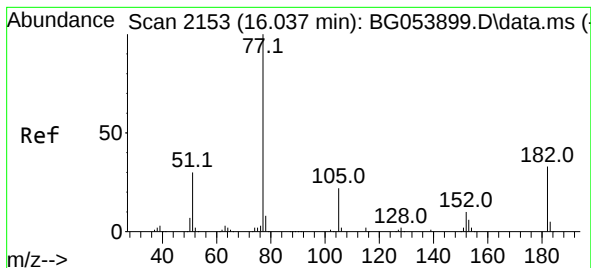
Tgt Ion:204 Resp: 123700  
Ion Ratio Lower Upper  
204 100  
206 32.5 27.5 41.3  
141 42.0 45.3 67.9#



#62  
4-Nitroaniline  
Concen: 45.979 ng  
RT: 15.764 min Scan# 2106  
Delta R.T. 0.002 min  
Lab File: BG053922.D  
Acq: 15 Jun 2022 17:14

Tgt Ion:138 Resp: 39825  
Ion Ratio Lower Upper  
138 100  
92 50.8 40.5 80.5  
108 97.1 103.7 143.7#





#63

Azobenzene

Concen: 45.922 ng

RT: 16.034 min Scan# 2153

Delta R.T. -0.004 min

Lab File: BG053922.D

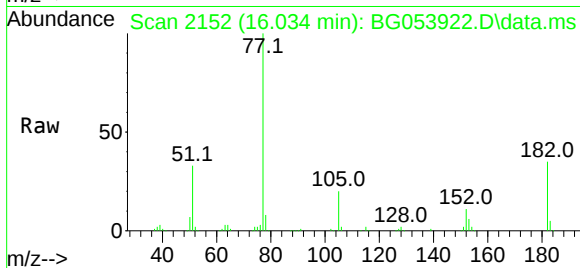
Acq: 15 Jun 2022 17:14

Instrument :

BNA\_G

ClientSampleId :

CB-226-(26-28)MSD



Tgt Ion: 77 Resp: 151897

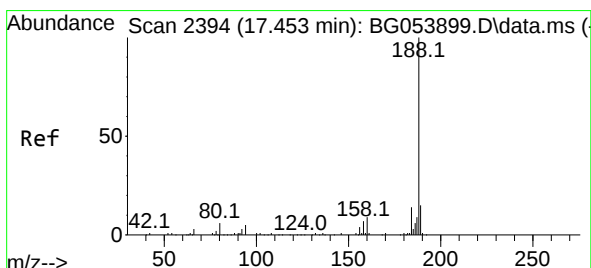
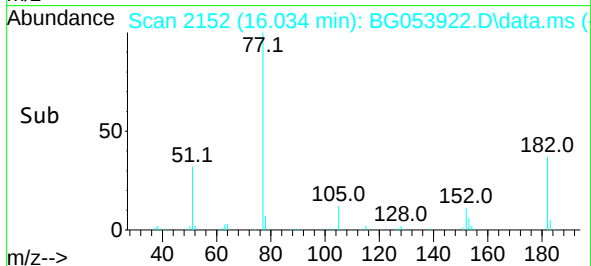
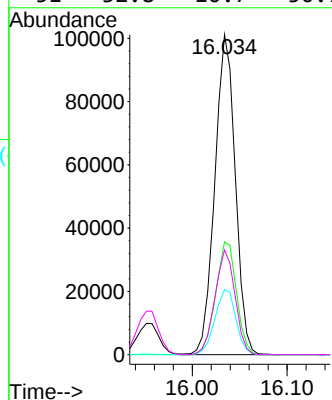
Ion Ratio Lower Upper

77 100

182 35.2 3.8 43.8

105 20.4 0.0 37.8

51 32.8 10.7 50.7



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.450 min Scan# 2393

Delta R.T. -0.004 min

Lab File: BG053922.D

Acq: 15 Jun 2022 17:14

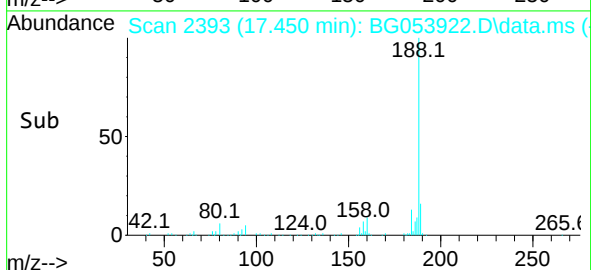
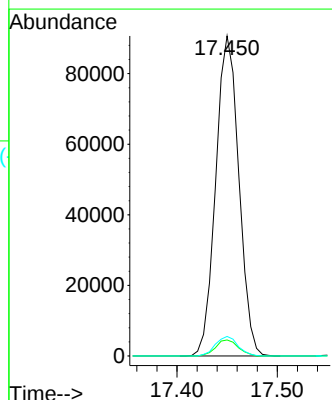
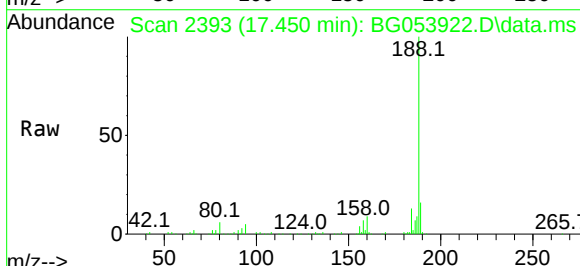
Tgt Ion: 188 Resp: 144900

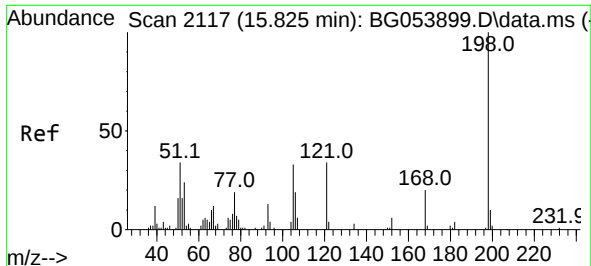
Ion Ratio Lower Upper

188 100

94 5.0 5.4 8.0#

80 6.1 6.8 10.2#

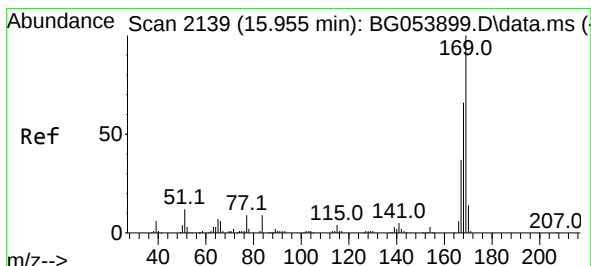
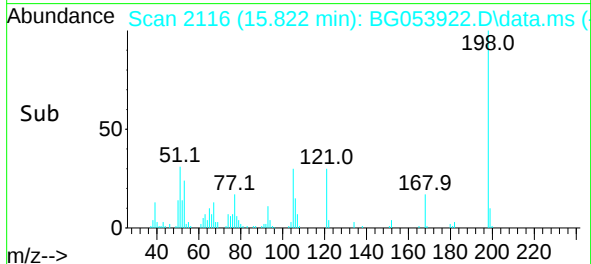
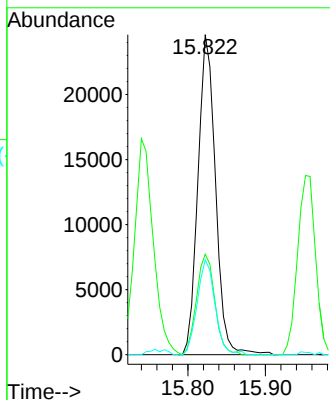
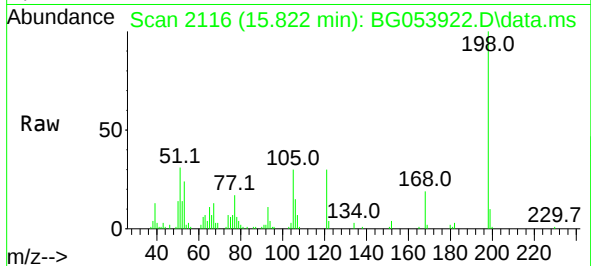




#65  
4,6-Dinitro-2-methylphenol  
Concen: 53.502 ng  
RT: 15.822 min Scan# 2117  
Delta R.T. -0.004 min  
Lab File: BG053922.D  
Acq: 15 Jun 2022 17:14

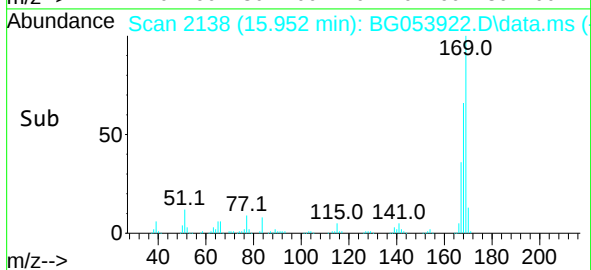
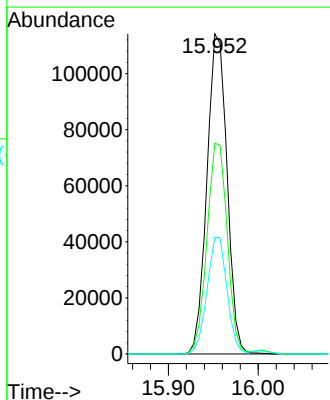
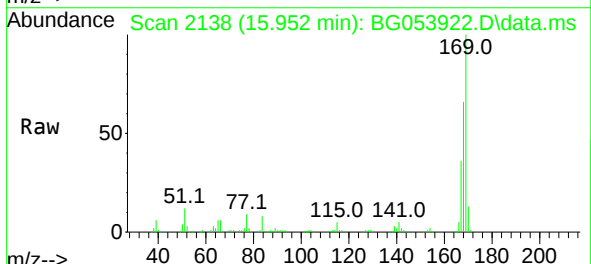
Instrument :  
BNA\_G  
ClientSampleId :  
CB-226-(26-28)MSD

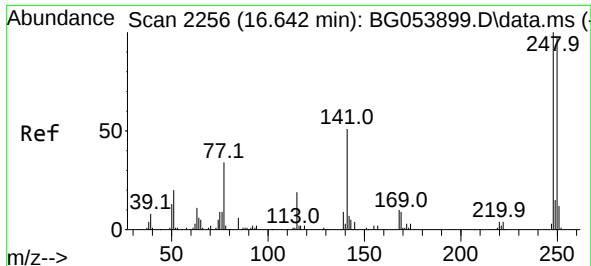
Tgt Ion:198 Resp: 38677  
Ion Ratio Lower Upper  
198 100  
51 31.4 28.1 68.1  
105 29.6 20.3 60.3



#66  
n-Nitrosodiphenylamine  
Concen: 46.994 ng  
RT: 15.952 min Scan# 2138  
Delta R.T. -0.004 min  
Lab File: BG053922.D  
Acq: 15 Jun 2022 17:14

Tgt Ion:169 Resp: 177466  
Ion Ratio Lower Upper  
169 100  
168 65.8 55.9 83.9  
167 36.5 30.6 46.0

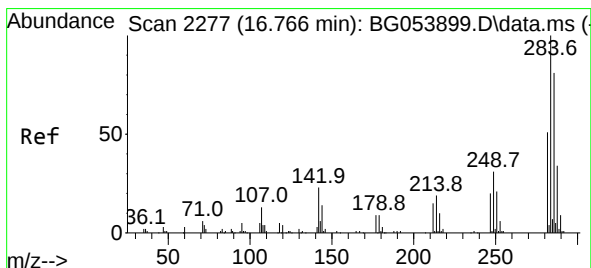
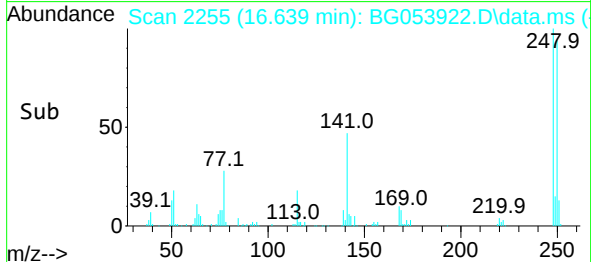
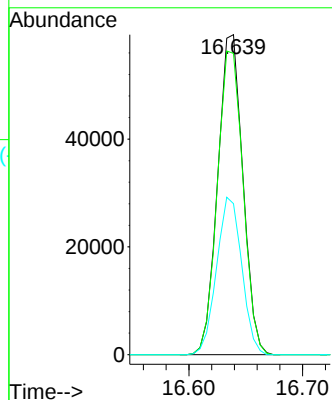
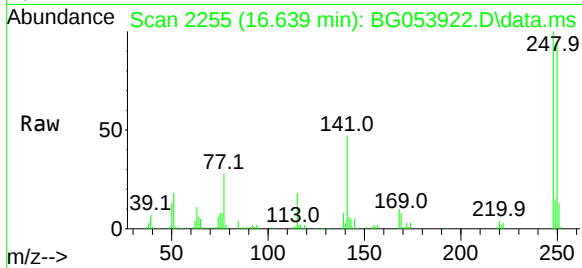




#67  
4-Bromophenyl-phenylether  
Concen: 50.360 ng  
RT: 16.639 min Scan# 21  
Delta R.T. 0.002 min  
Lab File: BG053922.D  
Acq: 15 Jun 2022 17:14

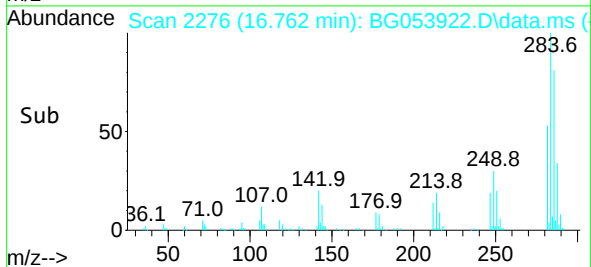
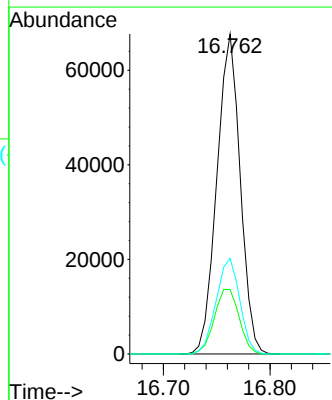
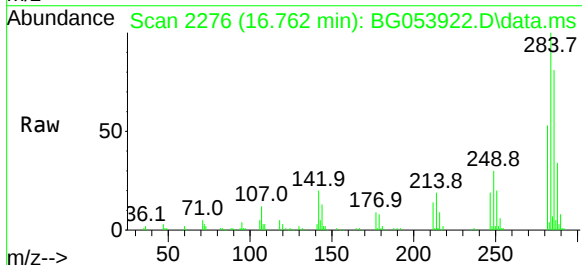
Instrument :  
BNA\_G  
ClientSampleId :  
CB-226-(26-28)MSD

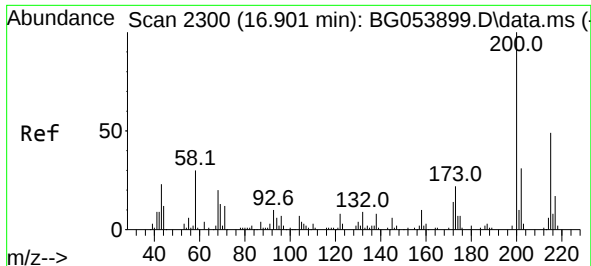
Tgt Ion:248 Resp: 91138  
Ion Ratio Lower Upper  
248 100  
250 94.2 75.2 112.8  
141 47.2 50.0 75.0#



#68  
Hexachlorobenzene  
Concen: 49.612 ng  
RT: 16.762 min Scan# 2276  
Delta R.T. 0.002 min  
Lab File: BG053922.D  
Acq: 15 Jun 2022 17:14

Tgt Ion:284 Resp: 102704  
Ion Ratio Lower Upper  
284 100  
142 20.1 23.6 35.4#  
249 29.9 25.8 38.6

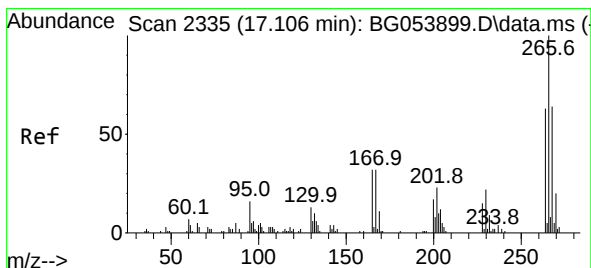
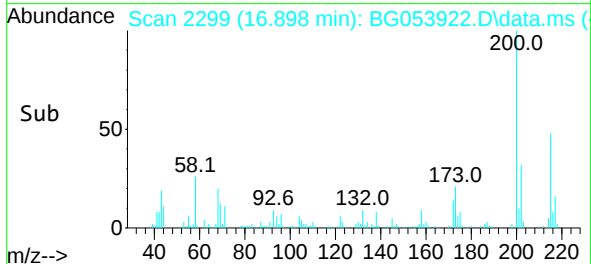
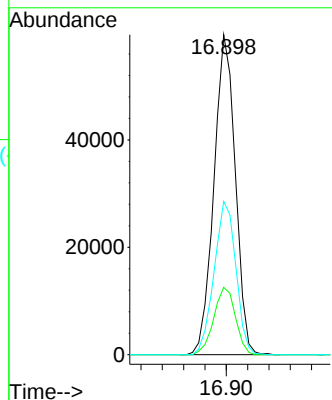
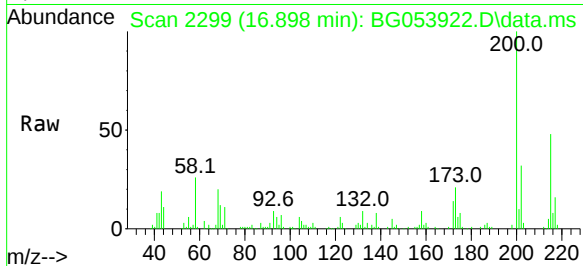




#69  
 Atrazine  
 Concen: 53.003 ng  
 RT: 16.898 min Scan# 21  
 Delta R.T. -0.004 min  
 Lab File: BG053922.D  
 Acq: 15 Jun 2022 17:14

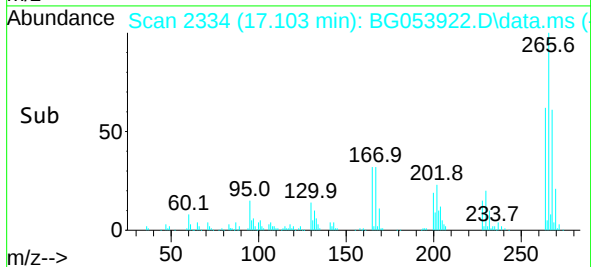
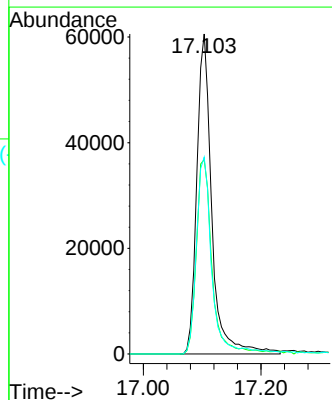
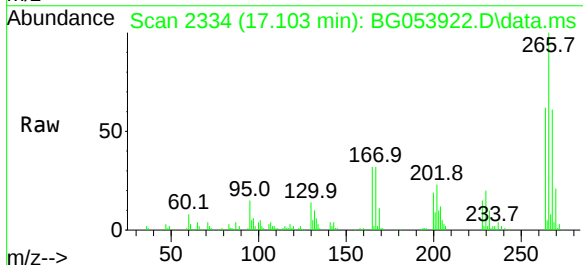
Instrument :  
 BNA\_G  
 ClientSampleId :  
 CB-226-(26-28)MSD

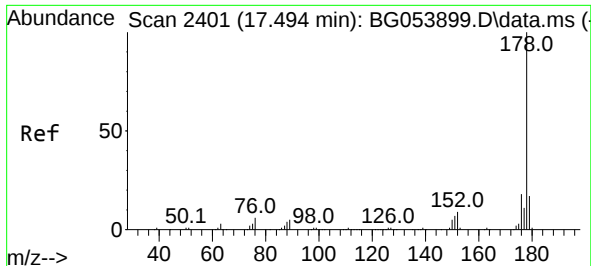
Tgt Ion:200 Resp: 82917  
 Ion Ratio Lower Upper  
 200 100  
 173 21.1 3.7 43.7  
 215 47.9 25.2 65.2



#70  
 Pentachlorophenol  
 Concen: 111.411 ng  
 RT: 17.103 min Scan# 2334  
 Delta R.T. 0.002 min  
 Lab File: BG053922.D  
 Acq: 15 Jun 2022 17:14

Tgt Ion:266 Resp: 107135  
 Ion Ratio Lower Upper  
 266 100  
 268 64.8 56.2 84.2  
 264 61.5 53.0 79.4

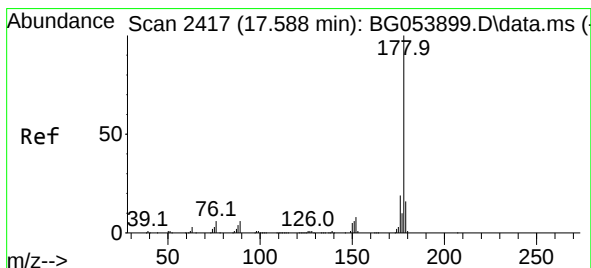
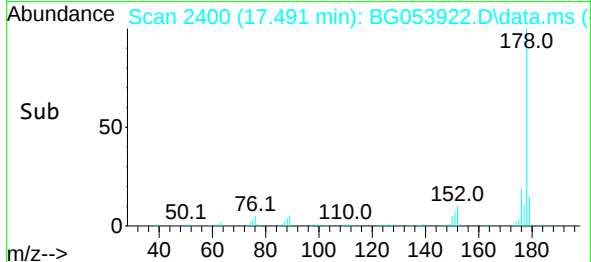
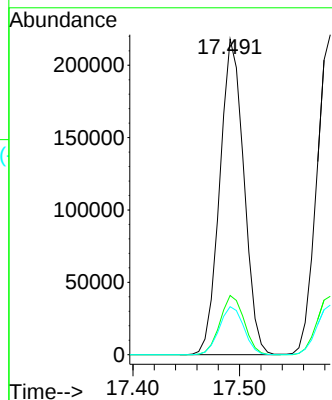
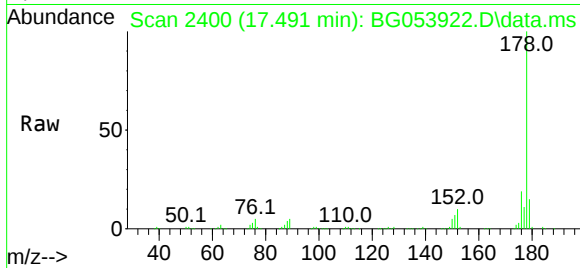




#71  
Phenanthrene  
Concen: 46.019 ng  
RT: 17.491 min Scan# 2401  
Delta R.T. -0.004 min  
Lab File: BG053922.D  
Acq: 15 Jun 2022 17:14

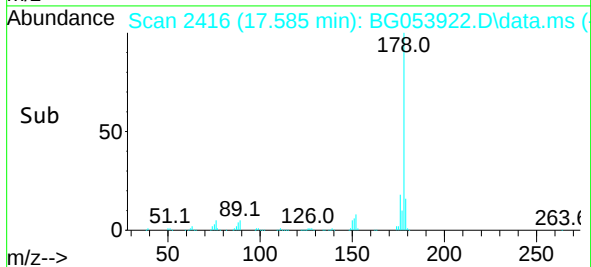
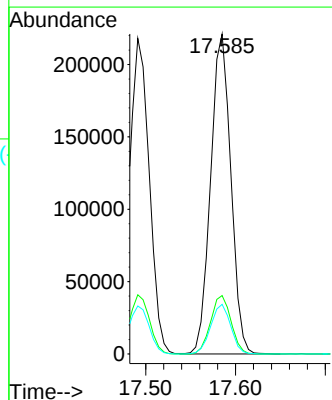
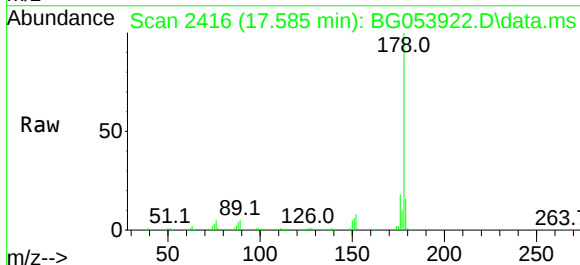
Instrument :  
BNA\_G  
ClientSampleId :  
CB-226-(26-28)MSD

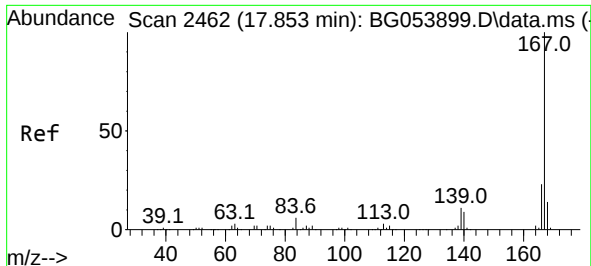
Tgt Ion:178 Resp: 342590  
Ion Ratio Lower Upper  
178 100  
176 18.8 14.1 21.1  
179 15.2 12.1 18.1



#72  
Anthracene  
Concen: 47.577 ng  
RT: 17.585 min Scan# 2416  
Delta R.T. 0.002 min  
Lab File: BG053922.D  
Acq: 15 Jun 2022 17:14

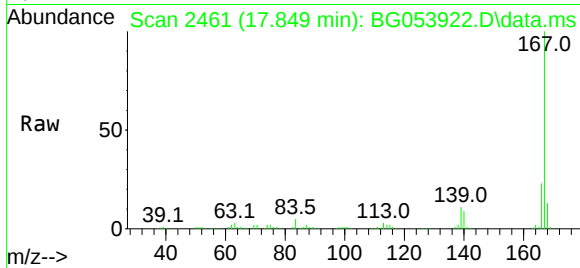
Tgt Ion:178 Resp: 345872  
Ion Ratio Lower Upper  
178 100  
176 18.2 15.2 22.8  
179 15.5 13.0 19.4



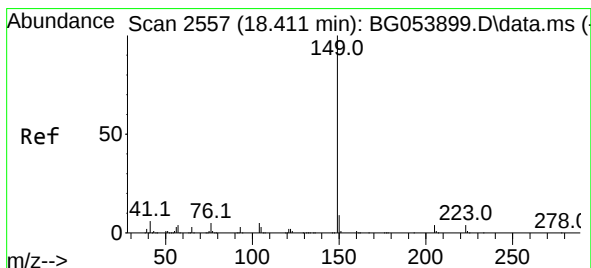
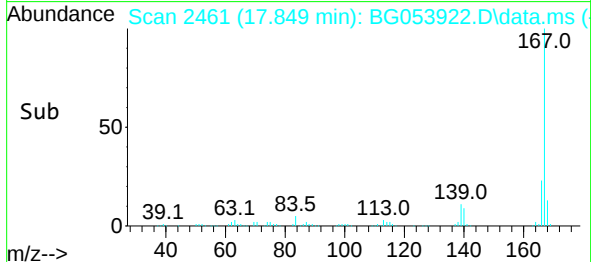
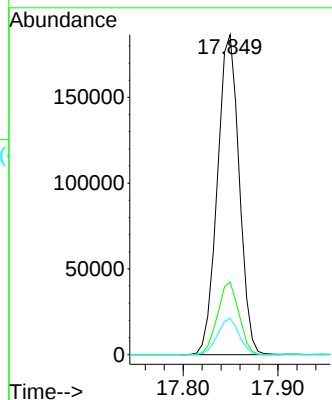


#73  
Carbazole  
Concen: 47.775 ng  
RT: 17.849 min Scan# 2461  
Delta R.T. 0.002 min  
Lab File: BG053922.D  
Acq: 15 Jun 2022 17:14

Instrument :  
BNA\_G  
ClientSampleId :  
CB-226-(26-28)MSD

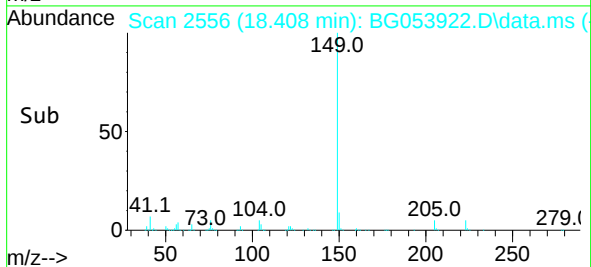
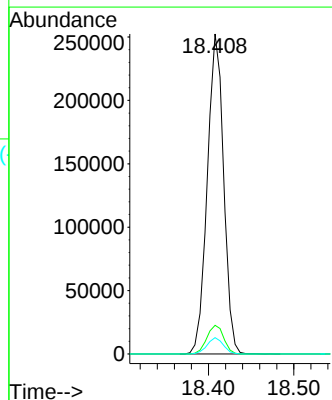
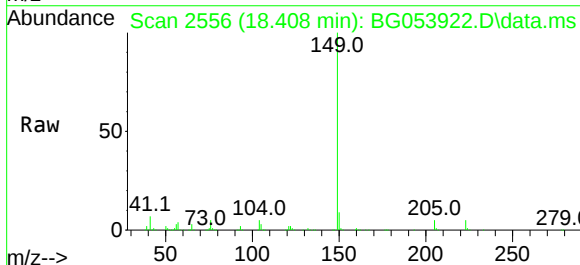


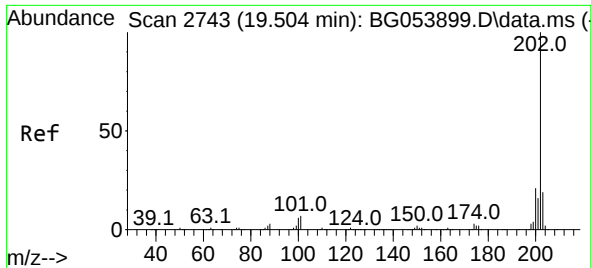
Tgt Ion:167 Resp: 298112  
Ion Ratio Lower Upper  
167 100  
166 22.7 18.2 27.2  
139 11.3 10.1 15.1



#74  
Di-n-butylphthalate  
Concen: 46.546 ng  
RT: 18.408 min Scan# 2556  
Delta R.T. -0.004 min  
Lab File: BG053922.D  
Acq: 15 Jun 2022 17:14

Tgt Ion:149 Resp: 335818  
Ion Ratio Lower Upper  
149 100  
150 9.0 7.7 11.5  
104 5.1 5.4 8.0#

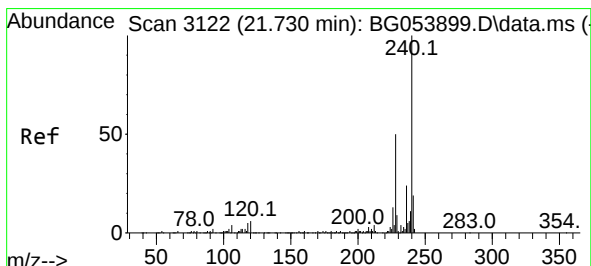
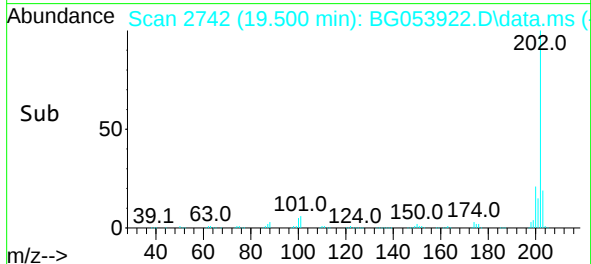
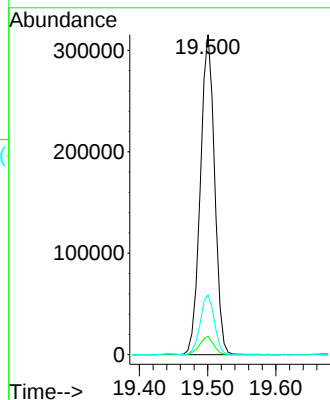
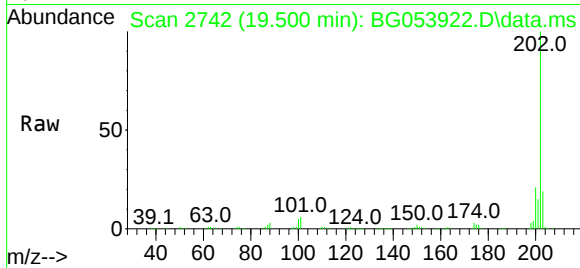




#75  
Fluoranthene  
Concen: 46.715 ng  
RT: 19.500 min Scan# 21  
Delta R.T. 0.002 min  
Lab File: BG053922.D  
Acq: 15 Jun 2022 17:14

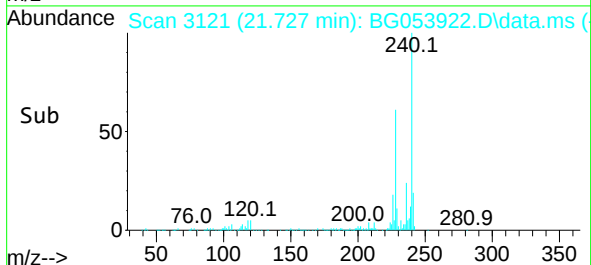
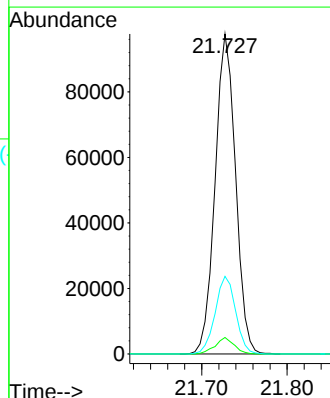
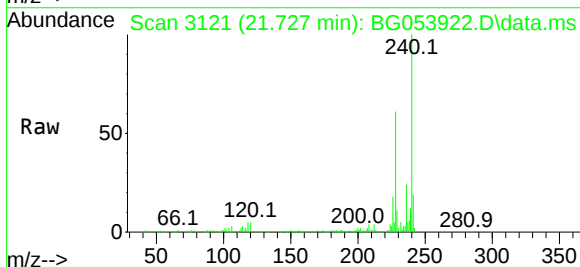
Instrument :  
BNA\_G  
ClientSampleId :  
CB-226-(26-28)MSD

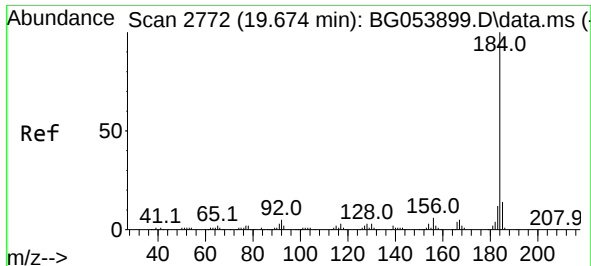
Tgt Ion:202 Resp: 456530  
Ion Ratio Lower Upper  
202 100  
101 5.7 0.0 26.9  
203 18.7 0.0 37.2



#76  
Chrysene-d12  
Concen: 20.000 ng  
RT: 21.727 min Scan# 3121  
Delta R.T. -0.004 min  
Lab File: BG053922.D  
Acq: 15 Jun 2022 17:14

Tgt Ion:240 Resp: 162589  
Ion Ratio Lower Upper  
240 100  
120 5.1 4.6 7.0  
236 24.3 20.2 30.4

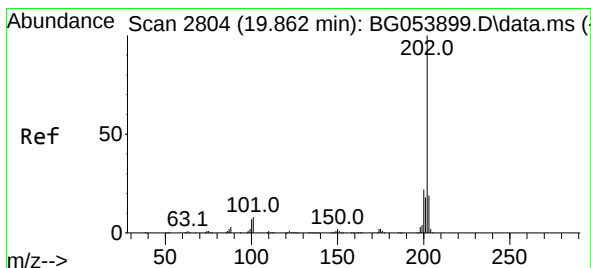
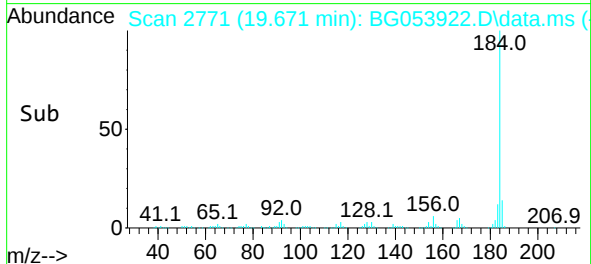
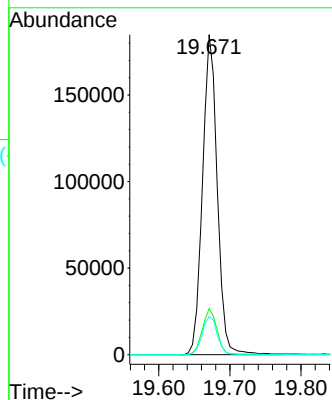
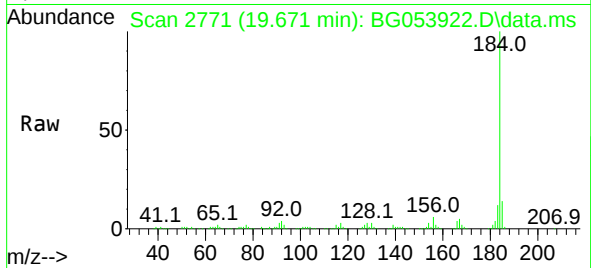




#77  
Benzidine  
Concen: 79.195 ng  
RT: 19.671 min Scan# 21  
Delta R.T. -0.004 min  
Lab File: BG053922.D  
Acq: 15 Jun 2022 17:14

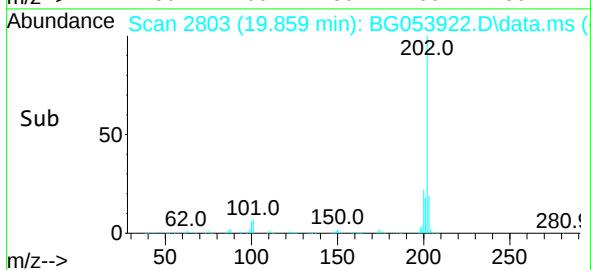
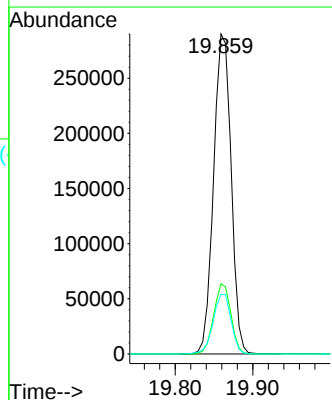
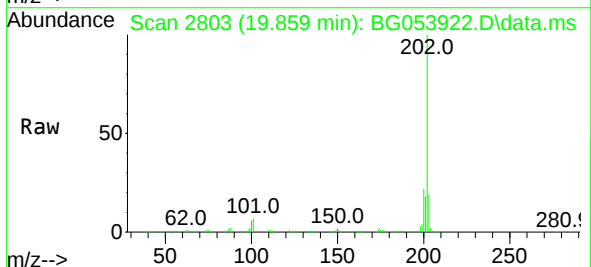
Instrument :  
BNA\_G  
ClientSampleId :  
CB-226-(26-28)MSD

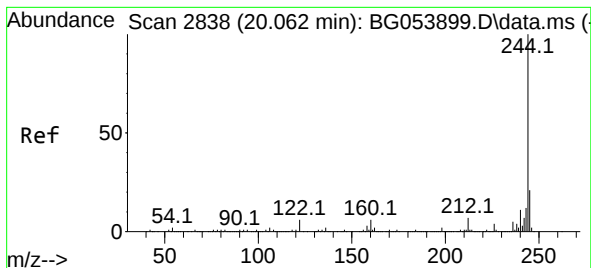
Tgt Ion:184 Resp: 266654  
Ion Ratio Lower Upper  
184 100  
185 14.4 11.8 17.6  
183 12.0 8.9 13.3



#78  
Pyrene  
Concen: 46.414 ng  
RT: 19.859 min Scan# 2803  
Delta R.T. -0.004 min  
Lab File: BG053922.D  
Acq: 15 Jun 2022 17:14

Tgt Ion:202 Resp: 455784  
Ion Ratio Lower Upper  
202 100  
200 22.0 16.6 24.8  
203 18.6 14.6 21.8





#79

Terphenyl-d14

Concen: 66.865 ng

RT: 20.053 min Scan# 21

Delta R.T. -0.004 min

Lab File: BG053922.D

Acq: 15 Jun 2022 17:14

Instrument :

BNA\_G

ClientSampleId :

CB-226-(26-28)MSD

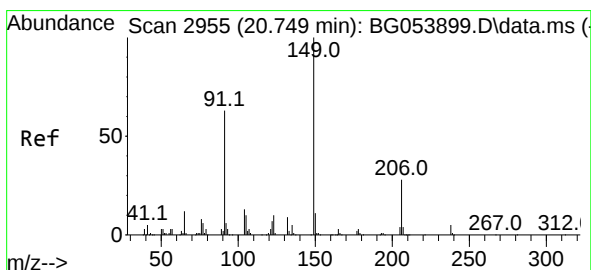
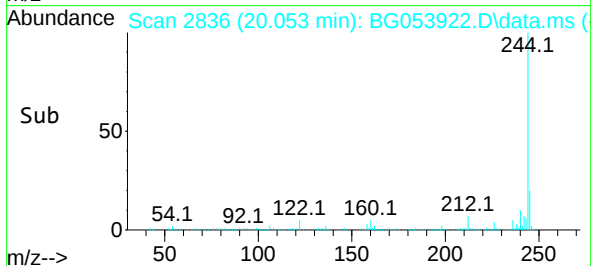
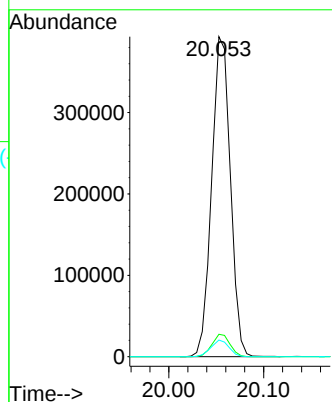
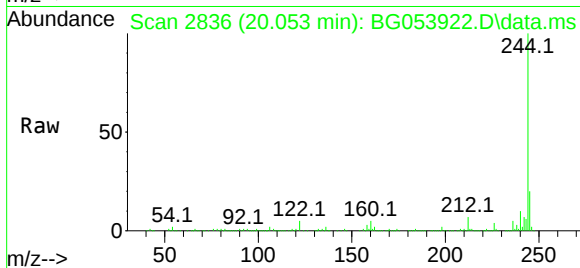
Tgt Ion:244 Resp: 539775

Ion Ratio Lower Upper

244 100

212 7.0 6.5 9.7

122 5.2 5.0 7.4



#80

Butylbenzylphthalate

Concen: 46.529 ng

RT: 20.746 min Scan# 2954

Delta R.T. 0.002 min

Lab File: BG053922.D

Acq: 15 Jun 2022 17:14

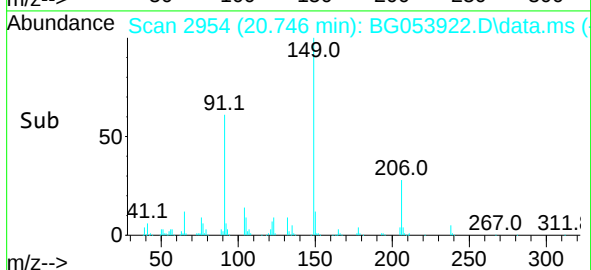
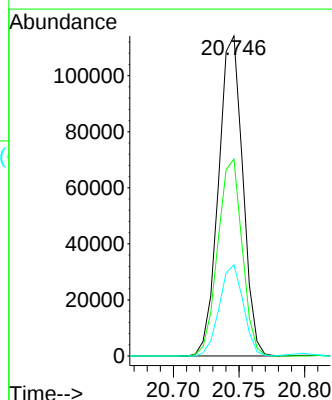
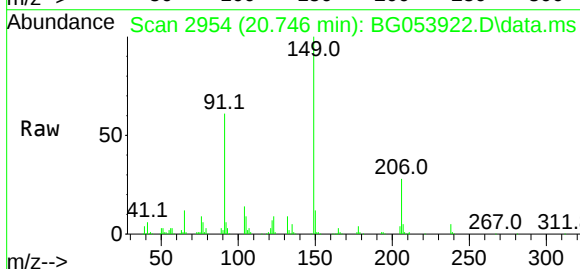
Tgt Ion:149 Resp: 146456

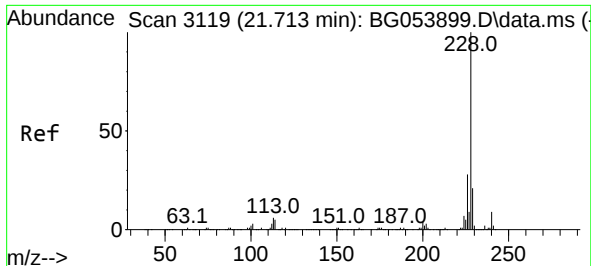
Ion Ratio Lower Upper

149 100

91 61.5 59.6 89.4

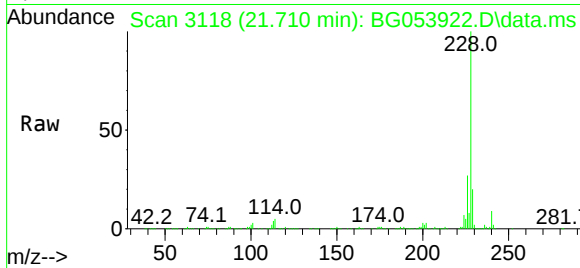
206 28.5 18.6 28.0#



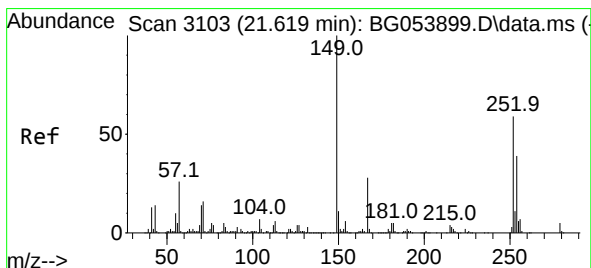
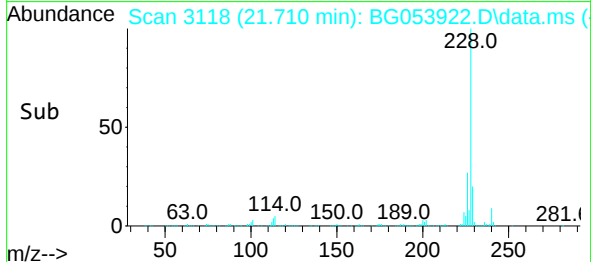
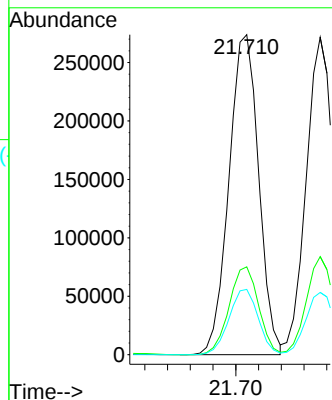


#81  
Benzo(a)anthracene  
Concen: 47.247 ng  
RT: 21.710 min Scan# 3119  
Delta R.T. 0.002 min  
Lab File: BG053922.D  
Acq: 15 Jun 2022 17:14

Instrument :  
BNA\_G  
ClientSampleId :  
CB-226-(26-28)MSD

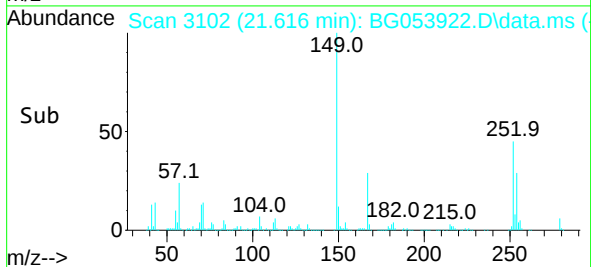
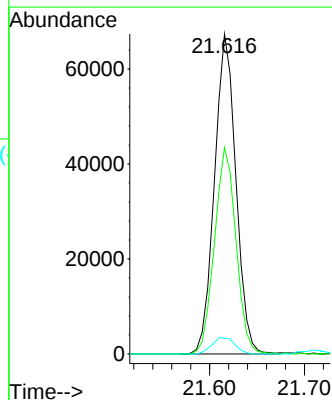
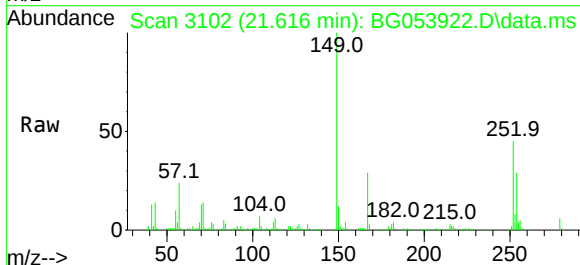


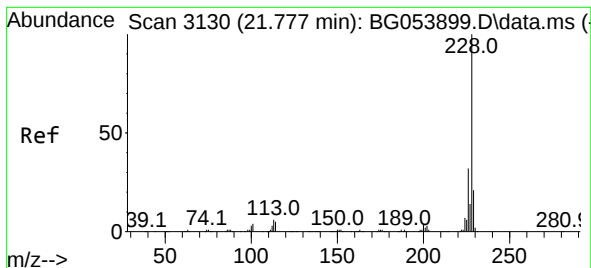
Tgt Ion:228 Resp: 497385  
Ion Ratio Lower Upper  
228 100  
226 27.4 21.6 32.4  
229 20.4 16.2 24.2



#82  
3,3'-Dichlorobenzidine  
Concen: 33.620 ng  
RT: 21.616 min Scan# 3102  
Delta R.T. -0.004 min  
Lab File: BG053922.D  
Acq: 15 Jun 2022 17:14

Tgt Ion:252 Resp: 105743  
Ion Ratio Lower Upper  
252 100  
254 64.5 49.8 74.8  
126 5.0 6.0 9.0#





#83

Chrysene

Concen: 45.785 ng

RT: 21.774 min Scan# 31

Delta R.T. -0.004 min

Lab File: BG053922.D

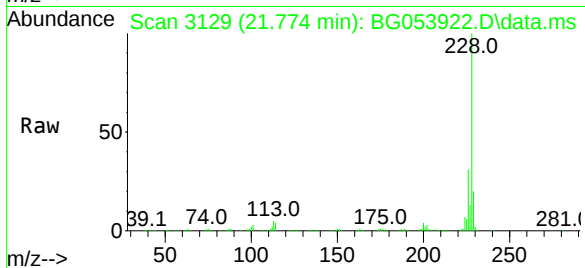
Acq: 15 Jun 2022 17:14

Instrument :

BNA\_G

ClientSampleId :

CB-226-(26-28)MSD



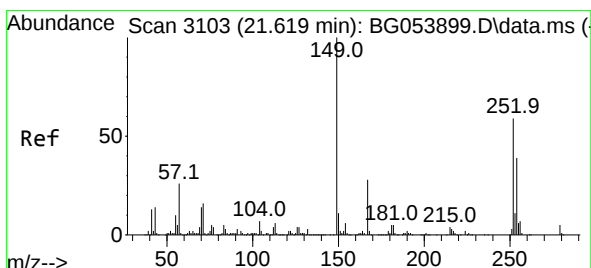
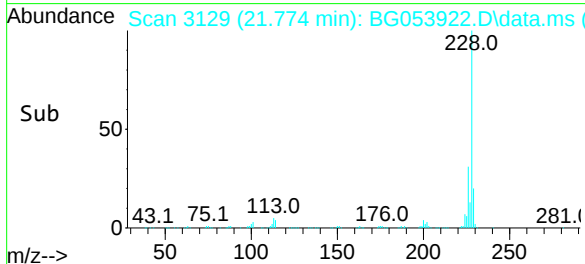
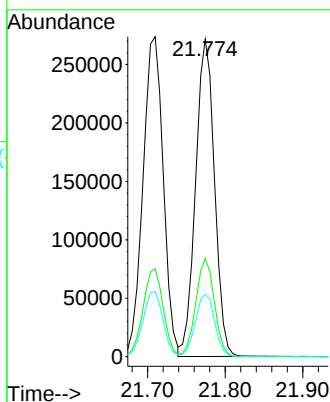
Tgt Ion:228 Resp: 459440

Ion Ratio Lower Upper

228 100

226 30.9 23.4 35.2

229 19.6 15.5 23.3



#84

Bis(2-ethylhexyl)phthalate

Concen: 47.691 ng

RT: 21.616 min Scan# 3102

Delta R.T. 0.002 min

Lab File: BG053922.D

Acq: 15 Jun 2022 17:14

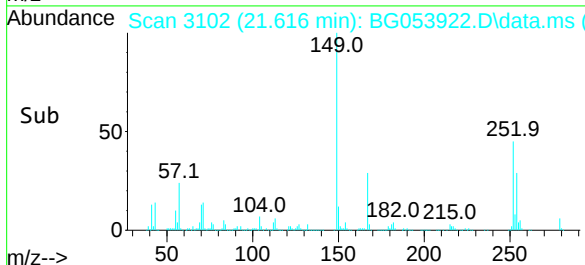
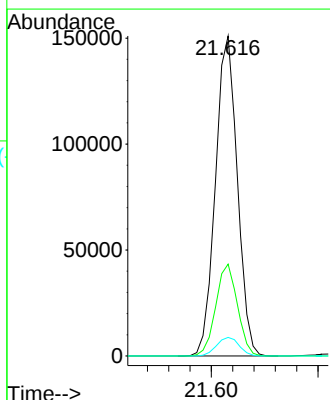
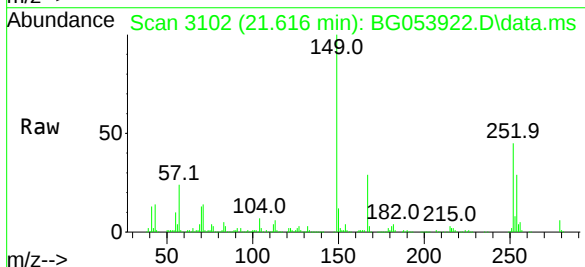
Tgt Ion:149 Resp: 214690

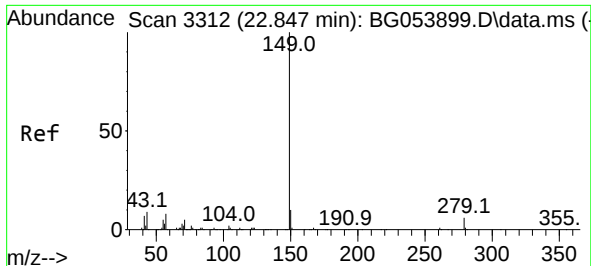
Ion Ratio Lower Upper

149 100

167 28.7 20.2 30.4

279 5.8 3.6 5.4#

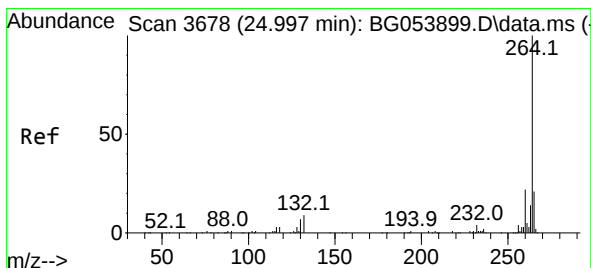
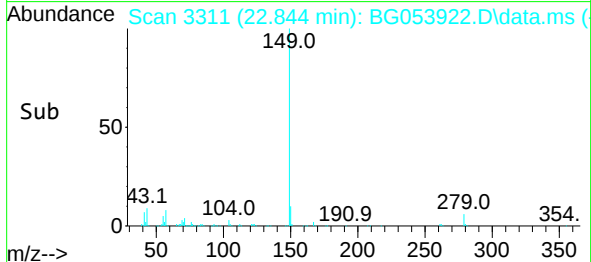
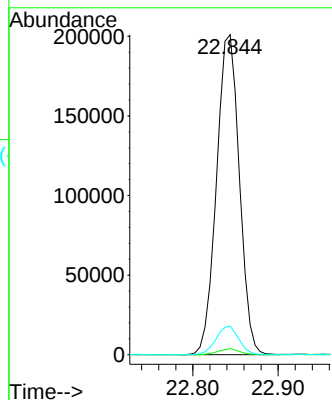
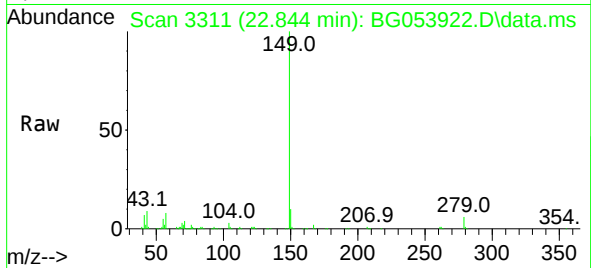




#85  
Di-n-octyl phthalate  
Concen: 48.339 ng  
RT: 22.844 min Scan# 31  
Delta R.T. -0.004 min  
Lab File: BG053922.D  
Acq: 15 Jun 2022 17:14

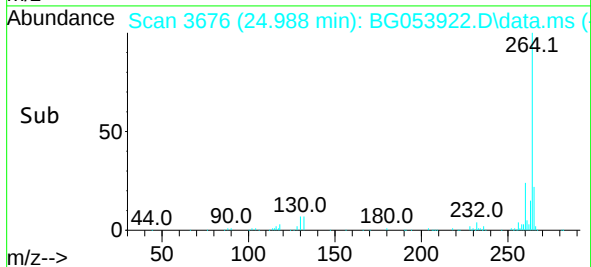
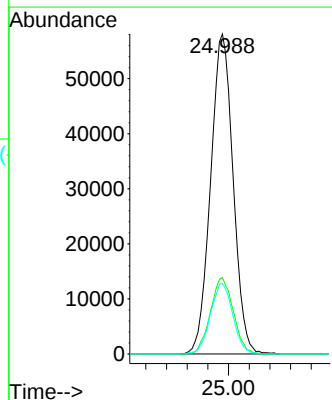
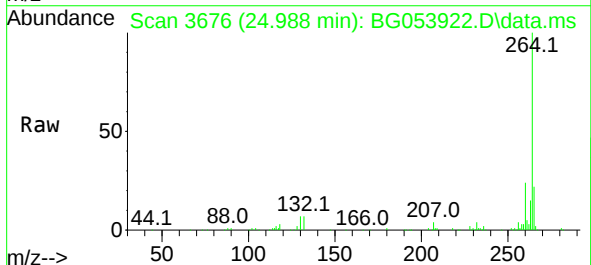
Instrument :  
BNA\_G  
ClientSampleId :  
CB-226-(26-28)MSD

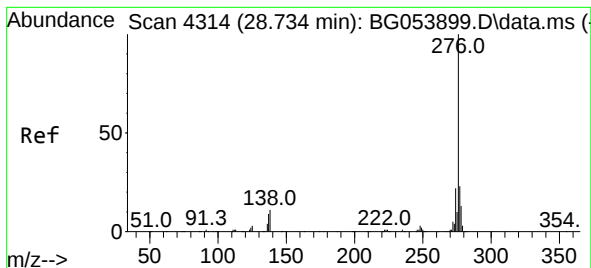
Tgt Ion:149 Resp: 374016  
Ion Ratio Lower Upper  
149 100  
167 1.7 1.3 1.9  
43 9.0 9.0 13.4



#86  
Perylene-d12  
Concen: 20.000 ng  
RT: 24.988 min Scan# 3676  
Delta R.T. 0.002 min  
Lab File: BG053922.D  
Acq: 15 Jun 2022 17:14

Tgt Ion:264 Resp: 175417  
Ion Ratio Lower Upper  
264 100  
260 23.9 19.0 28.6  
265 22.0 17.4 26.2





#87

Indeno(1,2,3-cd)pyrene

Concen: 46.542 ng

RT: 28.713 min Scan# 41

Delta R.T. -0.016 min

Lab File: BG053922.D

Acq: 15 Jun 2022 17:14

Instrument :

BNA\_G

ClientSampleId :

CB-226-(26-28)MSD

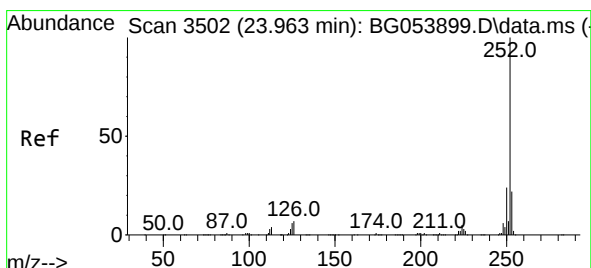
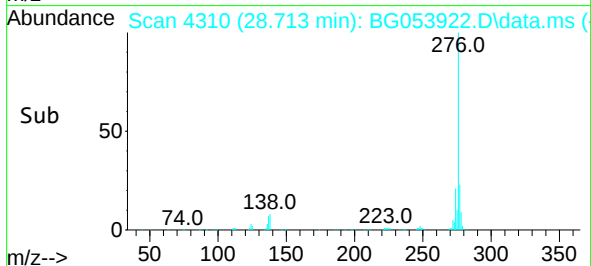
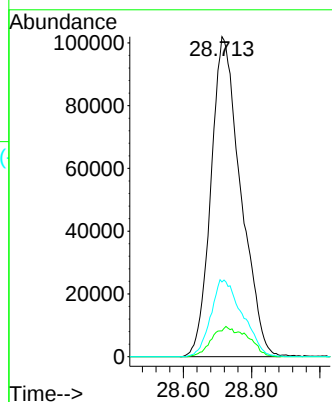
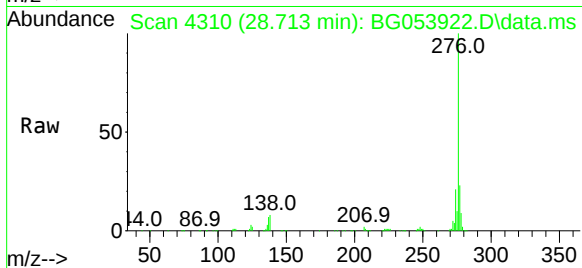
Tgt Ion:276 Resp: 616116

Ion Ratio Lower Upper

276 100

138 11.3 5.0 7.4#

277 25.6 20.3 30.5



#88

Benzo(b)fluoranthene

Concen: 46.827 ng

RT: 24.025 min Scan# 3512

Delta R.T. 0.066 min

Lab File: BG053922.D

Acq: 15 Jun 2022 17:14

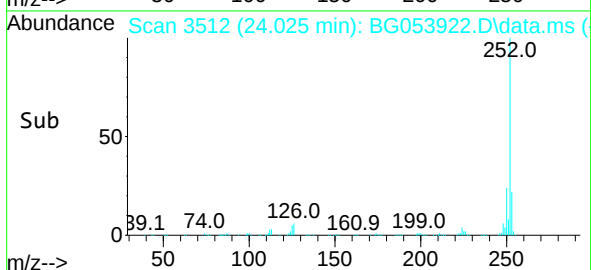
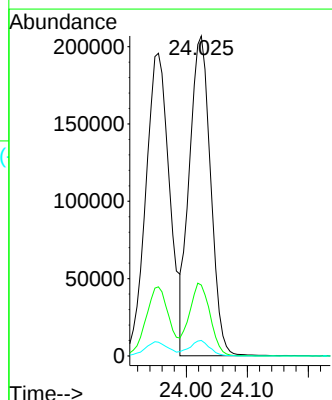
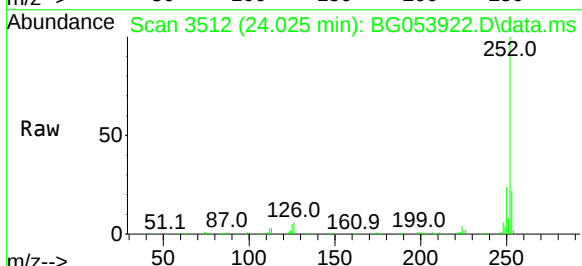
Tgt Ion:252 Resp: 499444

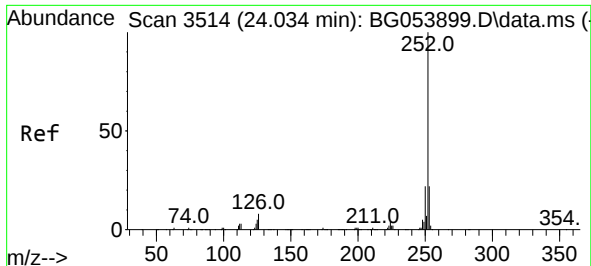
Ion Ratio Lower Upper

252 100

253 22.1 18.0 27.0

125 4.9 4.6 6.8

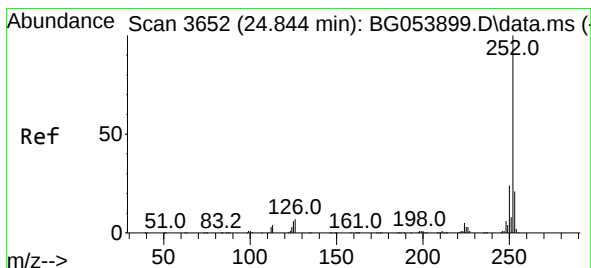
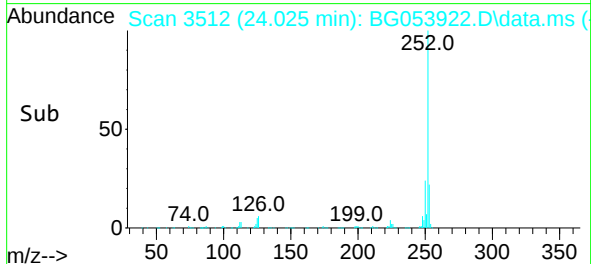
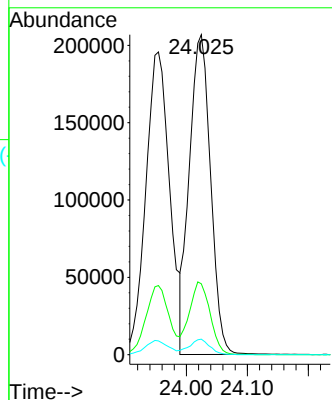
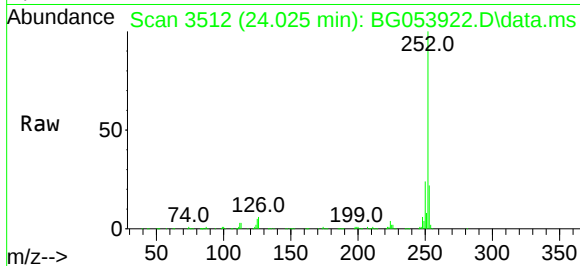




#89  
Benzo(k)fluoranthene  
Concen: 47.295 ng  
RT: 24.025 min Scan# 31  
Delta R.T. -0.004 min  
Lab File: BG053922.D  
Acq: 15 Jun 2022 17:14

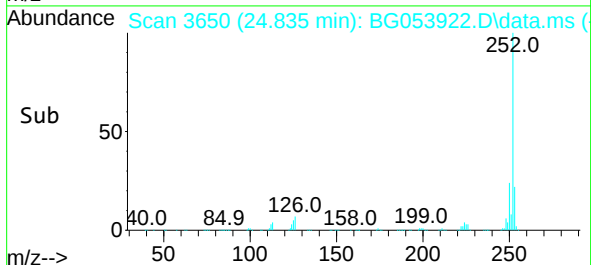
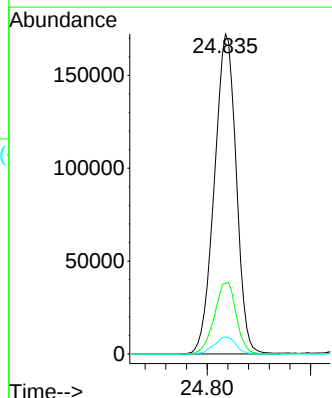
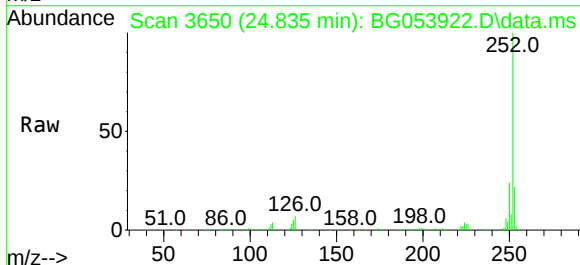
Instrument :  
BNA\_G  
ClientSampleId :  
CB-226-(26-28)MSD

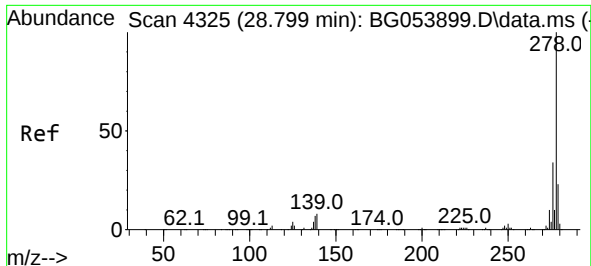
Tgt Ion:252 Resp: 499444  
Ion Ratio Lower Upper  
252 100  
253 22.1 18.4 27.6  
125 4.9 4.8 7.2



#90  
Benzo(a)pyrene  
Concen: 56.166 ng  
RT: 24.835 min Scan# 3650  
Delta R.T. -0.004 min  
Lab File: BG053922.D  
Acq: 15 Jun 2022 17:14

Tgt Ion:252 Resp: 505440  
Ion Ratio Lower Upper  
252 100  
253 22.1 17.8 26.8  
125 5.3 4.3 6.5

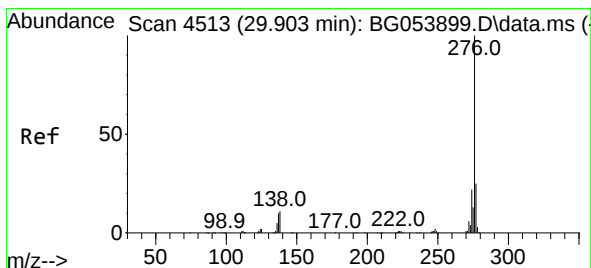
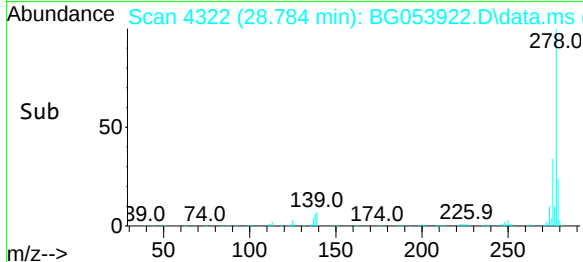
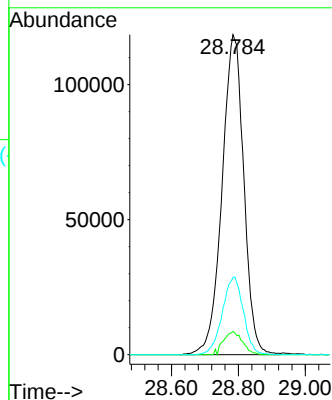
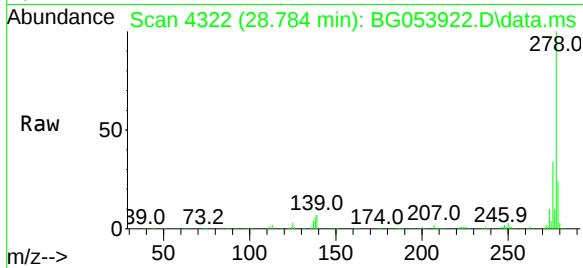




#91  
 Dibenzo(a,h)anthracene  
 Concen: 48.780 ng  
 RT: 28.784 min Scan# 41  
 Delta R.T. -0.010 min  
 Lab File: BG053922.D  
 Acq: 15 Jun 2022 17:14

Instrument :  
 BNA\_G  
 ClientSampleId :  
 CB-226-(26-28)MSD

Tgt Ion:278 Resp: 533980  
 Ion Ratio Lower Upper  
 278 100  
 139 7.3 7.2 10.8  
 279 24.2 18.6 27.8



#92  
 Benzo(g,h,i)perylene  
 Concen: 48.958 ng  
 RT: 29.894 min Scan# 4511  
 Delta R.T. -0.004 min  
 Lab File: BG053922.D  
 Acq: 15 Jun 2022 17:14

Tgt Ion:276 Resp: 528890  
 Ion Ratio Lower Upper  
 276 100  
 277 23.0 17.3 25.9  
 138 9.4 9.6 14.4#

