

Data Path : Z:\svoasrv\HPCHEM1\BNA\_G\Data\BG042622\  
 Data File : BG053330.D  
 Acq On : 26 Apr 2022 21:27  
 Operator : CG/JU  
 Sample : N2481-11MS  
 Misc :  
 ALS Vial : 11 Sample Multiplier: 1

Instrument :  
 BNA\_G  
 ClientSampleId :  
 MW-30MS

Quant Time: Apr 27 03:38:35 2022  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_G\Methods\8270-BG040822.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Sun Apr 24 01:13:30 2022  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc    | Units | Dev(Min) |
|-------------------------------|--------|------|----------|---------|-------|----------|
| -----                         |        |      |          |         |       |          |
| Internal Standards            |        |      |          |         |       |          |
| 1) 1,4-Dichlorobenzene-d4     | 8.102  | 152  | 20522    | 20.000  | ng    | -0.01    |
| 21) Naphthalene-d8            | 10.916 | 136  | 84723    | 20.000  | ng    | 0.00     |
| 39) Acenaphthene-d10          | 14.728 | 164  | 75644    | 20.000  | ng    | 0.00     |
| 64) Phenanthrene-d10          | 17.477 | 188  | 201238   | 20.000  | ng    | 0.00     |
| 76) Chrysene-d12              | 21.760 | 240  | 201503   | 20.000  | ng    | 0.00     |
| 86) Perylene-d12              | 25.050 | 264  | 211996   | 20.000  | ng    | -0.01    |
| System Monitoring Compounds   |        |      |          |         |       |          |
| 5) 2-Fluorophenol             | 5.670  | 112  | 93959    | 78.483  | ng    | 0.00     |
| 7) Phenol-d6                  | 7.268  | 99   | 96941    | 52.509  | ng    | 0.00     |
| 23) Nitrobenzene-d5           | 9.265  | 82   | 172653   | 82.744  | ng    | -0.01    |
| 42) 2,4,6-Tribromophenol      | 16.220 | 330  | 155676   | 129.356 | ng    | 0.00     |
| 45) 2-Fluorobiphenyl          | 13.354 | 172  | 416553   | 75.933  | ng    | 0.00     |
| 79) Terphenyl-d14             | 20.080 | 244  | 951370   | 79.739  | ng    | 0.00     |
| Target Compounds              |        |      |          |         |       |          |
|                               |        |      |          |         |       | Qvalue   |
| 2) 1,4-Dioxane                | 3.549  | 88   | 13257    | 23.188  | ng    | # 84     |
| 3) Pyridine                   | 3.955  | 79   | 20282    | 13.450  | ng    | # 96     |
| 4) n-Nitrosodimethylamine     | 3.861  | 42   | 20548    | 27.518  | ng    | # 88     |
| 6) Aniline                    | 7.426  | 93   | 41688    | 19.484  | ng    | 95       |
| 8) 2-Chlorophenol             | 7.673  | 128  | 54472    | 42.146  | ng    | 95       |
| 9) Benzaldehyde               | 7.238  | 77   | 54234    | 49.145  | ng    | 98       |
| 10) Phenol                    | 7.297  | 94   | 38422    | 20.908  | ng    | 92       |
| 11) bis(2-Chloroethyl)ether   | 7.514  | 93   | 58061    | 43.829  | ng    | 90       |
| 12) 1,3-Dichlorobenzene       | 7.996  | 146  | 63960    | 42.587  | ng    | 95       |
| 13) 1,4-Dichlorobenzene       | 8.143  | 146  | 65388    | 42.706  | ng    | 99       |
| 14) 1,2-Dichlorobenzene       | 8.460  | 146  | 63448    | 42.972  | ng    | 97       |
| 15) Benzyl Alcohol            | 8.337  | 79   | 61110    | 37.240  | ng    | 94       |
| 16) 2,2'-oxybis(1-Chloropr... | 8.631  | 45   | 93096    | 42.094  | ng    | 98       |
| 17) 2-Methylphenol            | 8.548  | 107  | 46964    | 37.766  | ng    | 94       |
| 18) Hexachloroethane          | 9.195  | 117  | 23959    | 41.728  | ng    | 96       |
| 19) n-Nitroso-di-n-propyla... | 8.907  | 70   | 61497    | 45.499  | ng    | 97       |
| 20) 3+4-Methylphenols         | 8.877  | 107  | 61453    | 35.006  | ng    | 92       |
| 22) Acetophenone              | 8.924  | 105  | 104491   | 44.456  | ng    | 97       |
| 24) Nitrobenzene              | 9.312  | 77   | 89613    | 44.154  | ng    | 90       |
| 25) Isophorone                | 9.829  | 82   | 172956   | 48.767  | ng    | 98       |
| 26) 2-Nitrophenol             | 10.029 | 139  | 36779    | 43.337  | ng    | 93       |
| 27) 2,4-Dimethylphenol        | 10.082 | 122  | 59150    | 48.665  | ng    | # 82     |
| 28) bis(2-Chloroethoxy)met... | 10.311 | 93   | 86960    | 43.644  | ng    | 98       |
| 29) 2,4-Dichlorophenol        | 10.563 | 162  | 73464    | 48.078  | ng    | 96       |
| 30) 1,2,4-Trichlorobenzene    | 10.781 | 180  | 70815    | 40.948  | ng    | 97       |
| 31) Naphthalene               | 10.969 | 128  | 194019   | 42.923  | ng    | 97       |
| 32) Benzoic acid              | 10.217 | 122  | 14550    | 20.632  | ng    | # 85     |
| 33) 4-Chloroaniline           | 11.074 | 127  | 39251    | 20.278  | ng    | 96       |
| 34) Hexachlorobutadiene       | 11.251 | 225  | 49384    | 38.442  | ng    | 99       |
| 35) Caprolactam               | 11.838 | 113  | 6561     | 12.182  | ng    | # 85     |
| 36) 4-Chloro-3-methylphenol   | 12.190 | 107  | 85473    | 48.048  | ng    | 95       |
| 37) 2-Methylnaphthalene       | 12.566 | 142  | 151956   | 45.432  | ng    | 95       |
| 38) 1-Methylnaphthalene       | 12.784 | 142  | 148130   | 45.372  | ng    | 91       |
| 40) 1,2,4,5-Tetrachloroben... | 12.937 | 216  | 101438   | 39.483  | ng    | 99       |
| 41) Hexachlorocyclopentadiene | 12.913 | 237  | 84119    | 63.427  | ng    | 95       |
| 43) 2,4,6-Trichlorophenol     | 13.171 | 196  | 71605    | 40.424  | ng    | 99       |

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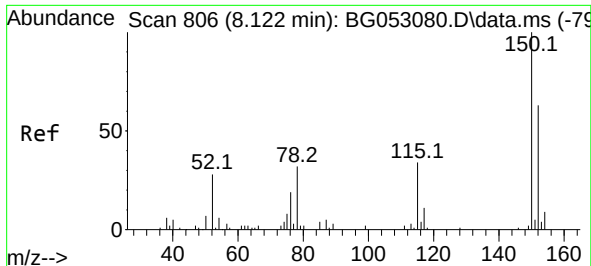
Quant Time: Apr 27 03:38:35 2022  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_G\Methods\8270-BG040822.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Sun Apr 24 01:13:30 2022  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc   | Units | Dev(Min) |
|-------------------------------|--------|------|----------|--------|-------|----------|
| 44) 2,4,5-Trichlorophenol     | 13.248 | 196  | 77893    | 41.266 | ng    | 97       |
| 46) 1,1'-Biphenyl             | 13.565 | 154  | 218260   | 40.067 | ng    | 99       |
| 47) 2-Chloronaphthalene       | 13.612 | 162  | 172024   | 39.582 | ng    | 96       |
| 48) 2-Nitroaniline            | 13.806 | 65   | 75445    | 45.743 | ng    | 92       |
| 49) Acenaphthylene            | 14.452 | 152  | 308170   | 45.297 | ng    | 98       |
| 50) Dimethylphthalate         | 14.176 | 163  | 267141   | 44.153 | ng    | 99       |
| 51) 2,6-Dinitrotoluene        | 14.299 | 165  | 59683    | 47.285 | ng    | # 85     |
| 52) Acenaphthene              | 14.793 | 154  | 176196   | 38.190 | ng    | 94       |
| 53) 3-Nitroaniline            | 14.628 | 138  | 28190    | 21.121 | ng    | # 89     |
| 54) 2,4-Dinitrophenol         | 14.840 | 184  | 72097    | 89.771 | ng    | # 84     |
| 55) Dibenzofuran              | 15.128 | 168  | 307208   | 42.525 | ng    | 100      |
| 56) 4-Nitrophenol             | 14.946 | 139  | 44443    | 43.661 | ng    | # 81     |
| 57) 2,4-Dinitrotoluene        | 15.087 | 165  | 87057    | 48.446 | ng    | 87       |
| 58) Fluorene                  | 15.774 | 166  | 257733   | 44.172 | ng    | 99       |
| 59) 2,3,4,6-Tetrachlorophenol | 15.357 | 232  | 81160    | 44.275 | ng    | 98       |
| 60) Diethylphthalate          | 15.533 | 149  | 306004   | 48.272 | ng    | 99       |
| 61) 4-Chlorophenyl-phenyle... | 15.762 | 204  | 137648   | 41.616 | ng    | 99       |
| 62) 4-Nitroaniline            | 15.791 | 138  | 61858    | 43.922 | ng    | # 81     |
| 63) Azobenzene                | 16.056 | 77   | 279634   | 43.752 | ng    | 98       |
| 65) 4,6-Dinitro-2-methylph... | 15.856 | 198  | 54354    | 38.714 | ng    | 97       |
| 66) n-Nitrosodiphenylamine    | 15.974 | 169  | 238267   | 41.173 | ng    | 98       |
| 67) 4-Bromophenyl-phenylether | 16.655 | 248  | 103172   | 40.011 | ng    | 95       |
| 68) Hexachlorobenzene         | 16.784 | 284  | 116127   | 41.586 | ng    | 93       |
| 69) Atrazine                  | 16.919 | 200  | 107263   | 47.451 | ng    | 95       |
| 70) Pentachlorophenol         | 17.131 | 266  | 128385   | 84.123 | ng    | 88       |
| 71) Phenanthrene              | 17.519 | 178  | 466635   | 42.452 | ng    | 98       |
| 72) Anthracene                | 17.607 | 178  | 468415   | 43.015 | ng    | 99       |
| 73) Carbazole                 | 17.877 | 167  | 439728   | 41.541 | ng    | 99       |
| 74) Di-n-butylphthalate       | 18.423 | 149  | 510878   | 42.554 | ng    | 98       |
| 75) Fluoranthene              | 19.522 | 202  | 603679   | 42.845 | ng    | 98       |
| 77) Benzidine                 | 19.698 | 184  | 79390    | 13.809 | ng    | 99       |
| 78) Pyrene                    | 19.886 | 202  | 607466   | 42.329 | ng    | 98       |
| 80) Butylbenzylphthalate      | 20.761 | 149  | 224610   | 41.981 | ng    | 99       |
| 81) Benzo(a)anthracene        | 21.742 | 228  | 594429   | 43.145 | ng    | 98       |
| 82) 3,3'-Dichlorobenzidine    | 21.648 | 252  | 124998   | 24.670 | ng    | 97       |
| 83) Chrysene                  | 21.807 | 228  | 547034   | 42.783 | ng    | 99       |
| 84) Bis(2-ethylhexyl)phtha... | 21.631 | 149  | 318403   | 44.027 | ng    | 99       |
| 85) Di-n-octyl phthalate      | 22.858 | 149  | 539402   | 44.596 | ng    | 97       |
| 87) Indeno(1,2,3-cd)pyrene    | 28.827 | 276  | 663011   | 42.096 | ng    | 98       |
| 88) Benzo(b)fluoranthene      | 24.010 | 252  | 615855   | 46.043 | ng    | 99       |
| 89) Benzo(k)fluoranthene      | 24.074 | 252  | 583353   | 44.375 | ng    | 99       |
| 90) Benzo(a)pyrene            | 24.897 | 252  | 590545   | 51.825 | ng    | 98       |
| 91) Dibenzo(a,h)anthracene    | 28.891 | 278  | 574832   | 44.343 | ng    | 96       |
| 92) Benzo(g,h,i)perylene      | 30.008 | 276  | 575952   | 45.077 | ng    | 97       |

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

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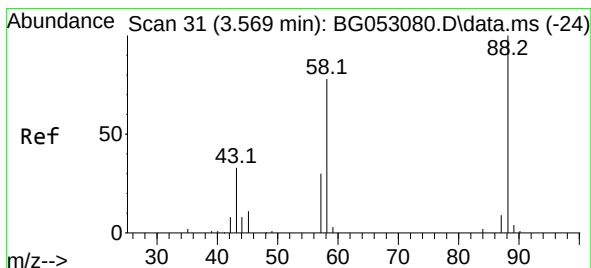
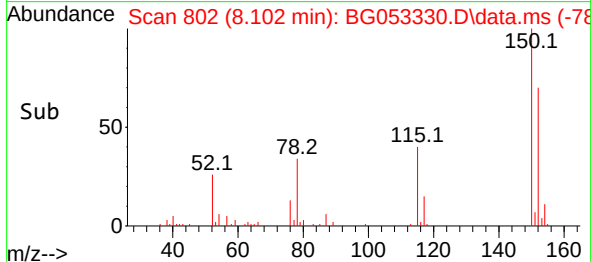
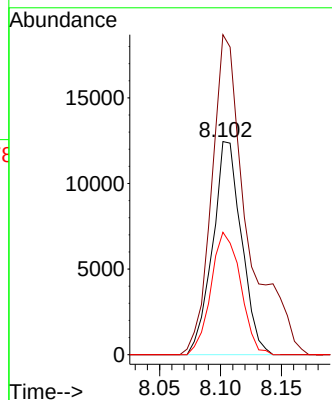
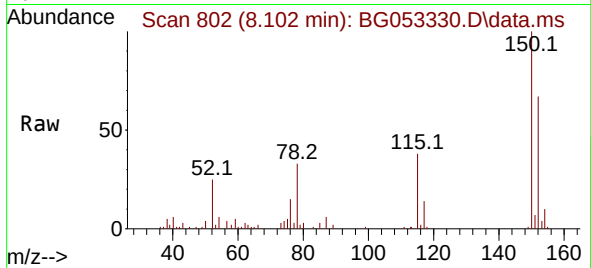




#1  
 1,4-Dichlorobenzene-d4  
 Concen: 20.000 ng  
 RT: 8.102 min Scan# 80  
 Delta R.T. -0.011 min  
 Lab File: BG053330.D  
 Acq: 26 Apr 2022 21:27

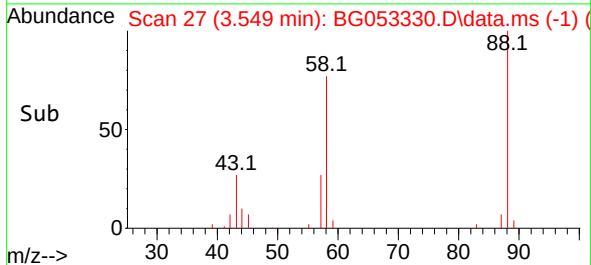
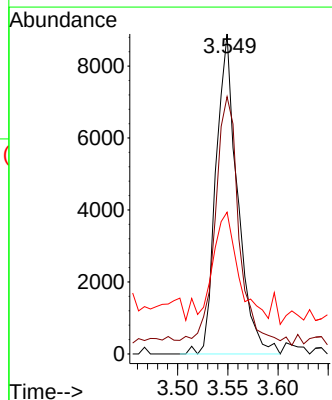
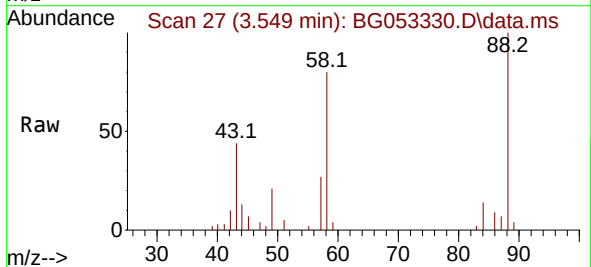
Instrument :  
 BNA\_G  
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 MW-30MS

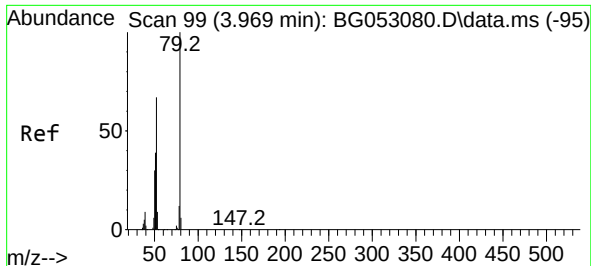
Tgt Ion:152 Resp: 20522  
 Ion Ratio Lower Upper  
 152 100  
 150 150.2 114.6 172.0  
 115 57.5 45.9 68.9



#2  
 1,4-Dioxane  
 Concen: 23.188 ng  
 RT: 3.549 min Scan# 27  
 Delta R.T. -0.006 min  
 Lab File: BG053330.D  
 Acq: 26 Apr 2022 21:27

Tgt Ion: 88 Resp: 13257  
 Ion Ratio Lower Upper  
 88 100  
 58 87.4 58.2 87.2#  
 43 36.4 23.4 35.0#

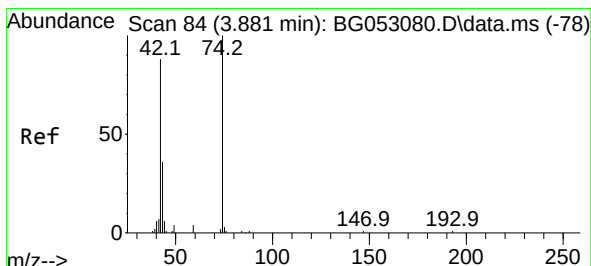
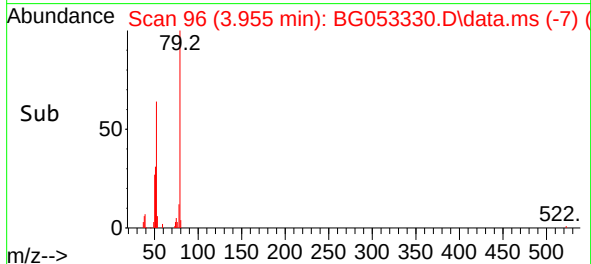
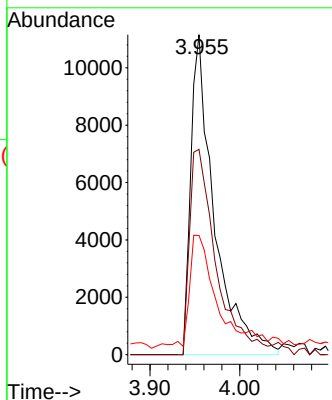
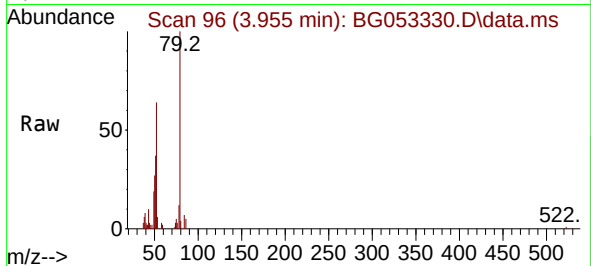




#3  
 Pyridine  
 Concen: 13.450 ng  
 RT: 3.955 min Scan# 90  
 Delta R.T. -0.006 min  
 Lab File: BG053330.D  
 Acq: 26 Apr 2022 21:27

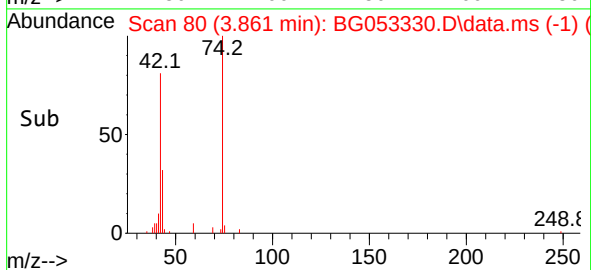
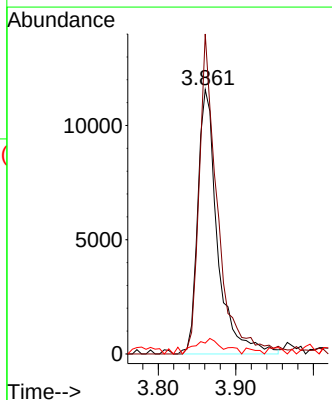
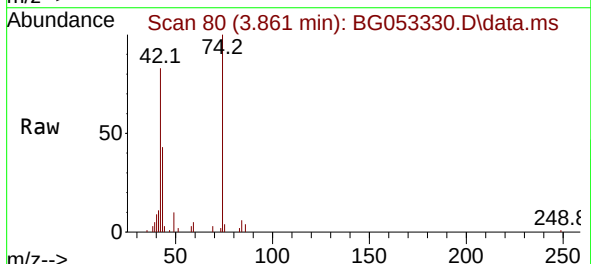
Instrument :  
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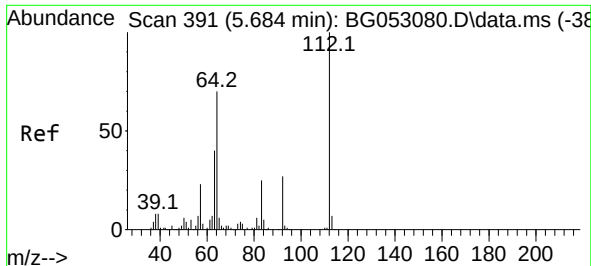
Tgt Ion: 79 Resp: 20282  
 Ion Ratio Lower Upper  
 79 100  
 52 64.1 50.9 76.3  
 51 37.3 24.4 36.6#



#4  
 n-Nitrosodimethylamine  
 Concen: 27.518 ng  
 RT: 3.861 min Scan# 80  
 Delta R.T. -0.006 min  
 Lab File: BG053330.D  
 Acq: 26 Apr 2022 21:27

Tgt Ion: 42 Resp: 20548  
 Ion Ratio Lower Upper  
 42 100  
 74 121.1 108.9 163.3  
 44 4.1 5.7 8.5#

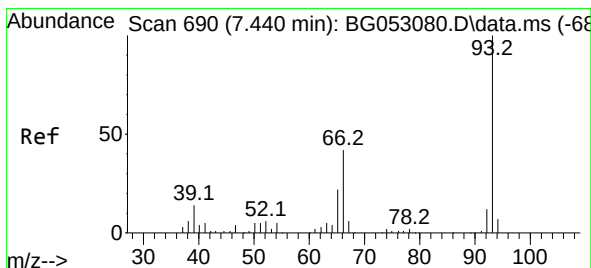
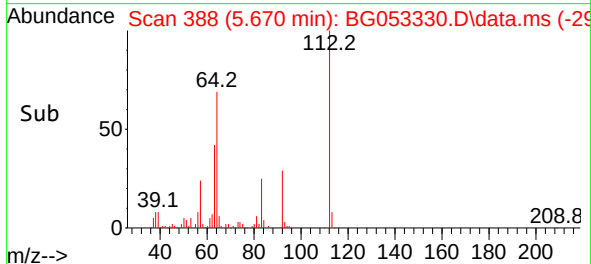
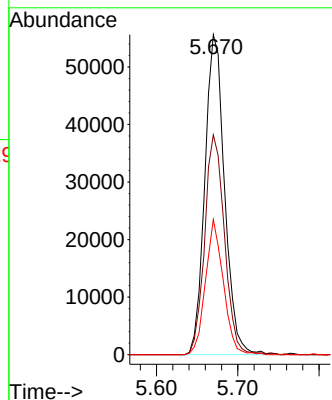
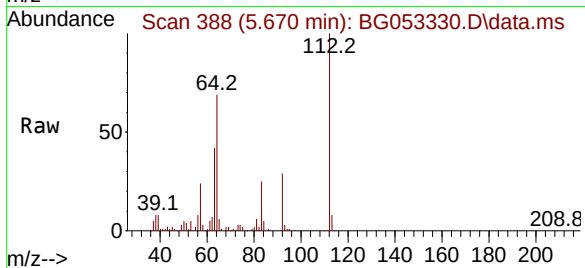




#5  
2-Fluorophenol  
Concen: 78.483 ng  
RT: 5.670 min Scan# 31  
Delta R.T. -0.006 min  
Lab File: BG053330.D  
Acq: 26 Apr 2022 21:27

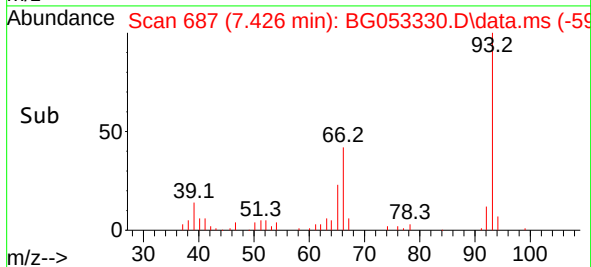
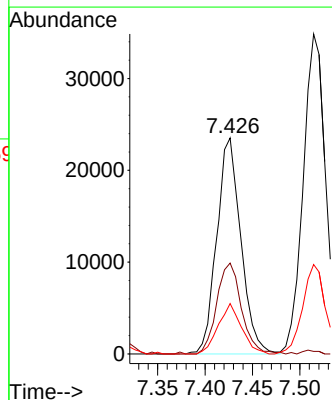
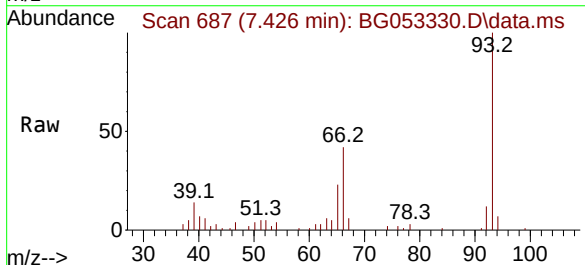
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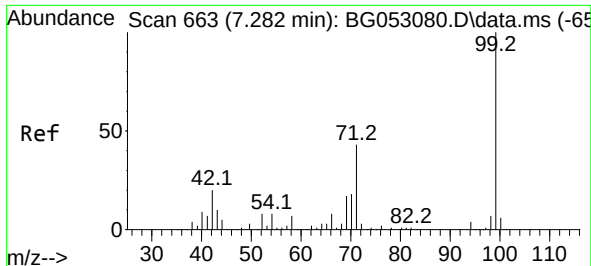
Tgt Ion:112 Resp: 93959  
Ion Ratio Lower Upper  
112 100  
64 68.7 48.0 72.0  
63 42.3 26.5 39.7#



#6  
Aniline  
Concen: 19.484 ng  
RT: 7.426 min Scan# 687  
Delta R.T. -0.006 min  
Lab File: BG053330.D  
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Tgt Ion: 93 Resp: 41688  
Ion Ratio Lower Upper  
93 100  
66 42.0 31.3 46.9  
65 23.3 16.7 25.1

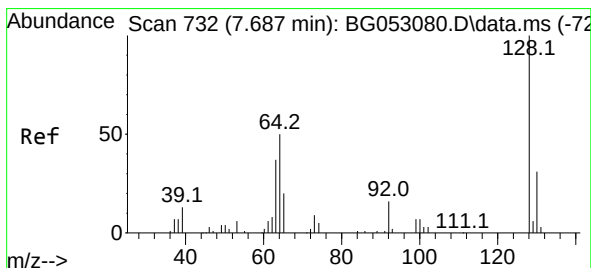
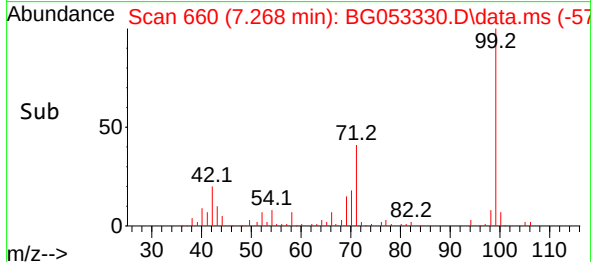
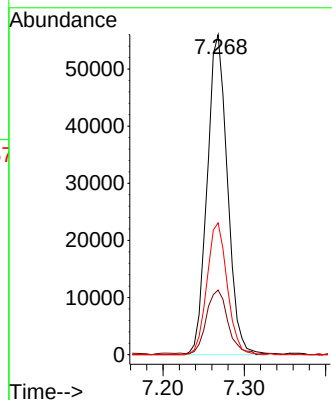
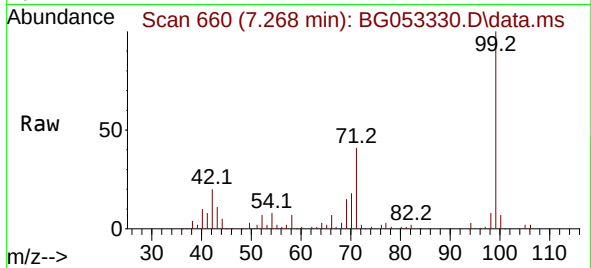




#7  
Phenol-d6  
Concen: 52.509 ng  
RT: 7.268 min Scan# 60  
Delta R.T. -0.006 min  
Lab File: BG053330.D  
Acq: 26 Apr 2022 21:27

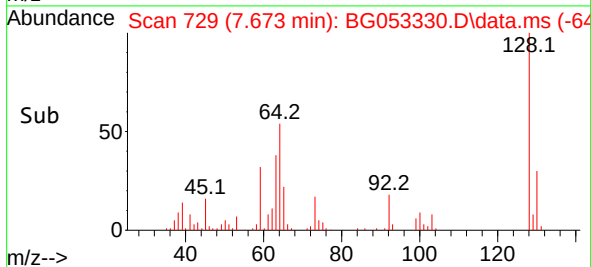
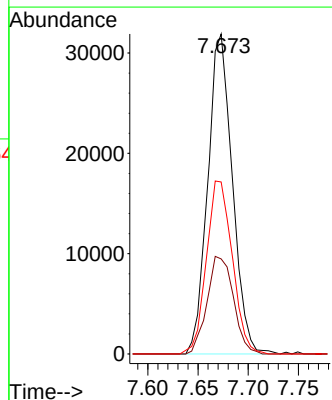
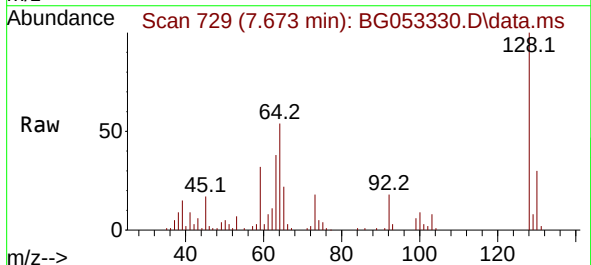
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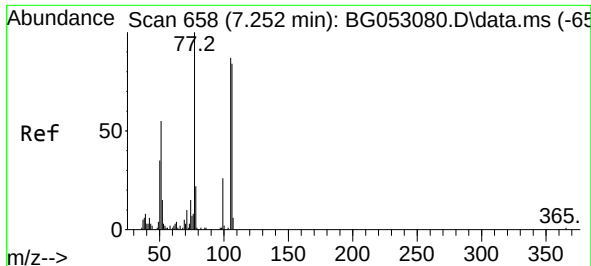
Tgt Ion: 99 Resp: 96941  
Ion Ratio Lower Upper  
99 100  
42 20.2 14.7 22.1  
71 41.2 29.2 43.8



#8  
2-Chlorophenol  
Concen: 42.146 ng  
RT: 7.673 min Scan# 729  
Delta R.T. -0.006 min  
Lab File: BG053330.D  
Acq: 26 Apr 2022 21:27

Tgt Ion: 128 Resp: 54472  
Ion Ratio Lower Upper  
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130 29.7 13.4 53.4  
64 53.7 30.9 70.9

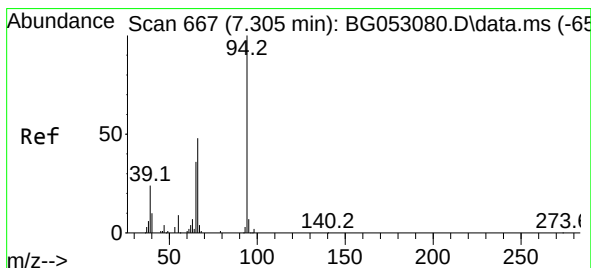
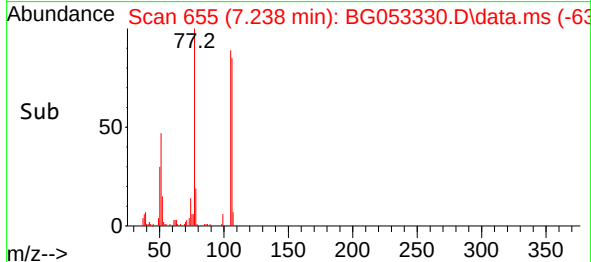
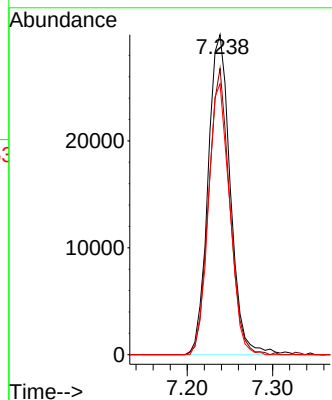
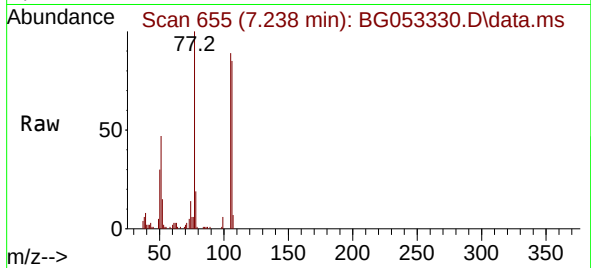




#9  
Benzaldehyde  
Concen: 49.145 ng  
RT: 7.238 min Scan# 61  
Delta R.T. -0.006 min  
Lab File: BG053330.D  
Acq: 26 Apr 2022 21:27

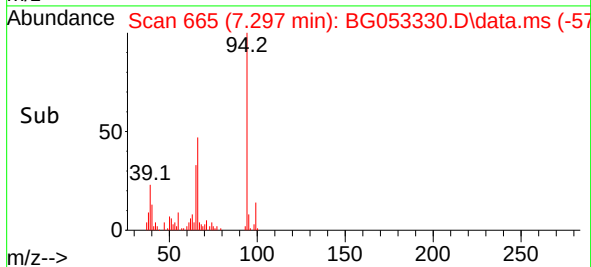
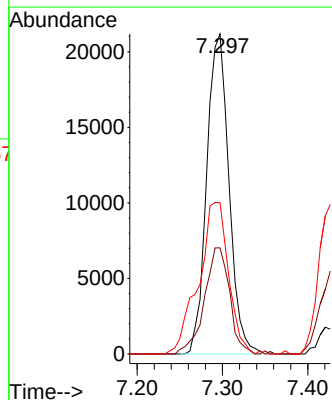
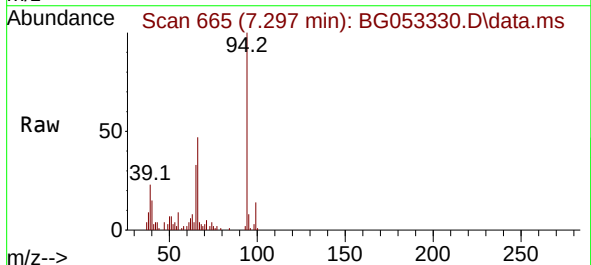
Instrument :  
BNA\_G  
ClientSampleId :  
MW-30MS

Tgt Ion: 77 Resp: 54234  
Ion Ratio Lower Upper  
77 100  
105 89.5 70.6 110.6  
106 84.6 67.6 107.6

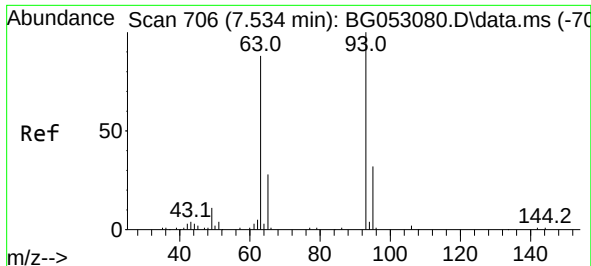


#10  
Phenol  
Concen: 20.908 ng  
RT: 7.297 min Scan# 665  
Delta R.T. 0.000 min  
Lab File: BG053330.D  
Acq: 26 Apr 2022 21:27

Tgt Ion: 94 Resp: 38422  
Ion Ratio Lower Upper  
94 100  
65 33.1 11.1 51.1  
66 47.3 20.0 60.0



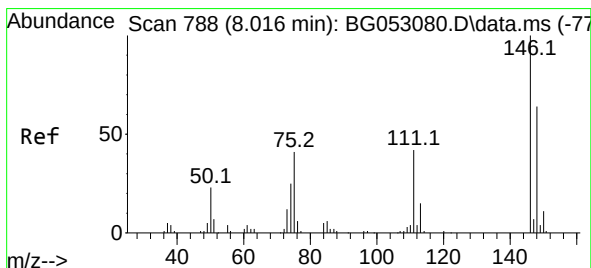
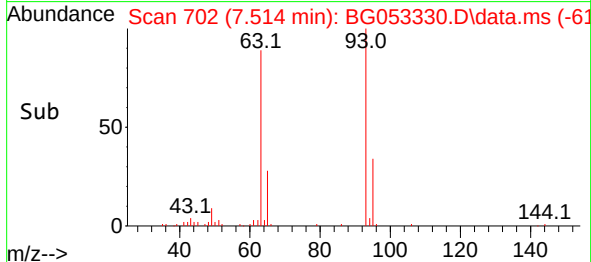
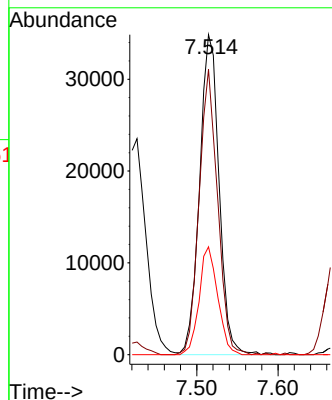
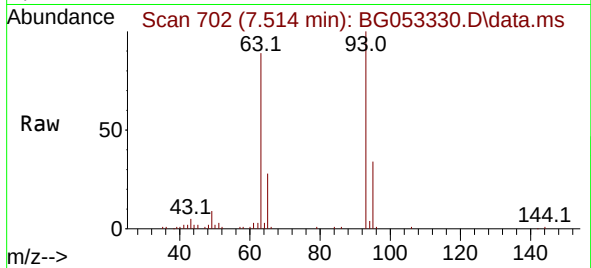




#11  
bis(2-Chloroethyl)ether  
Concen: 43.829 ng  
RT: 7.514 min Scan# 706  
Delta R.T. -0.012 min  
Lab File: BG053330.D  
Acq: 26 Apr 2022 21:27

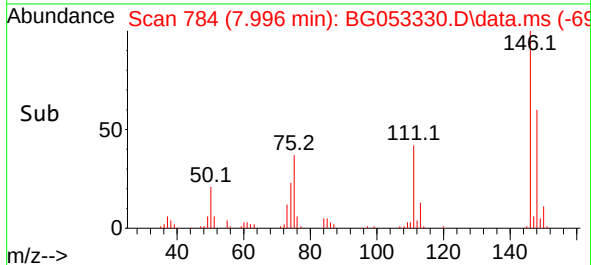
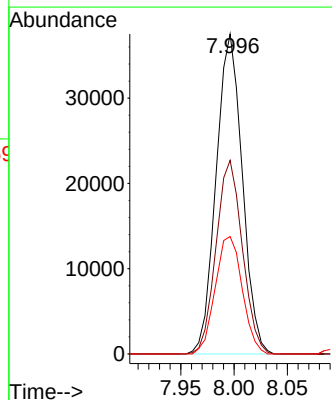
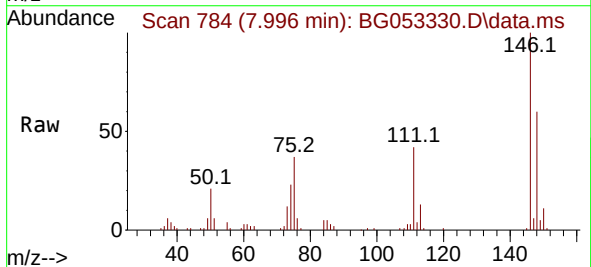
Instrument :  
BNA\_G  
ClientSampleId :  
MW-30MS

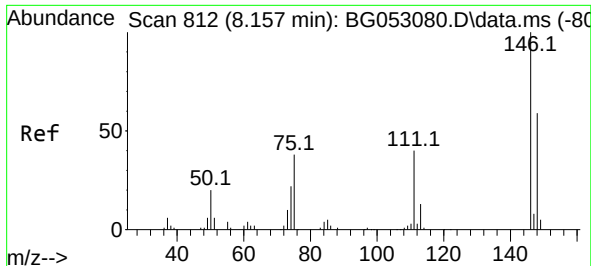
Tgt Ion: 93 Resp: 58061  
Ion Ratio Lower Upper  
93 100  
63 89.2 56.9 96.9  
95 33.7 14.5 54.5



#12  
1,3-Dichlorobenzene  
Concen: 42.587 ng  
RT: 7.996 min Scan# 784  
Delta R.T. -0.006 min  
Lab File: BG053330.D  
Acq: 26 Apr 2022 21:27

Tgt Ion: 146 Resp: 63960  
Ion Ratio Lower Upper  
146 100  
148 60.5 50.6 76.0  
75 36.7 25.9 38.9





#13

1,4-Dichlorobenzene

Concen: 42.706 ng

RT: 8.143 min Scan# 809

Delta R.T. -0.006 min

Lab File: BG053330.D

Acq: 26 Apr 2022 21:27

Instrument :

BNA\_G

ClientSampleId :

MW-30MS

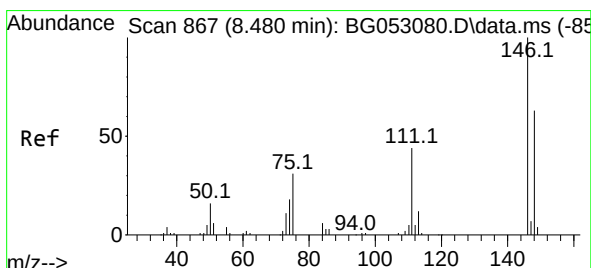
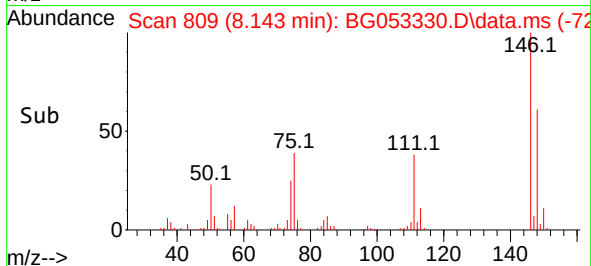
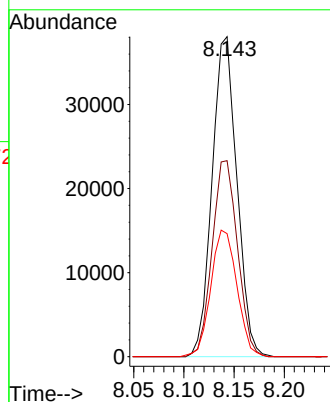
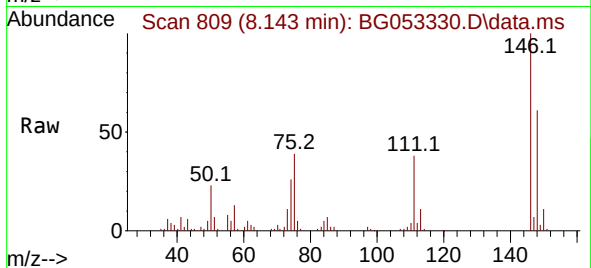
Tgt Ion:146 Resp: 65388

Ion Ratio Lower Upper

146 100

148 61.2 50.0 75.0

111 38.5 31.0 46.4



#14

1,2-Dichlorobenzene

Concen: 42.972 ng

RT: 8.460 min Scan# 863

Delta R.T. -0.012 min

Lab File: BG053330.D

Acq: 26 Apr 2022 21:27

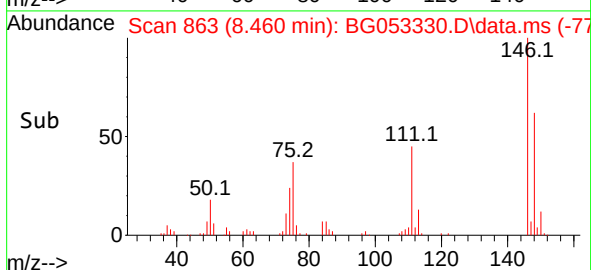
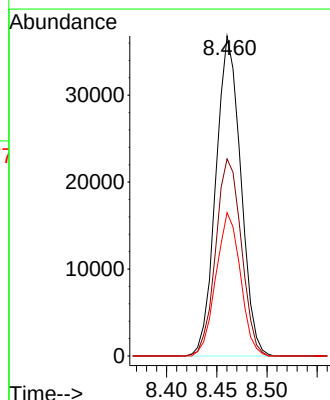
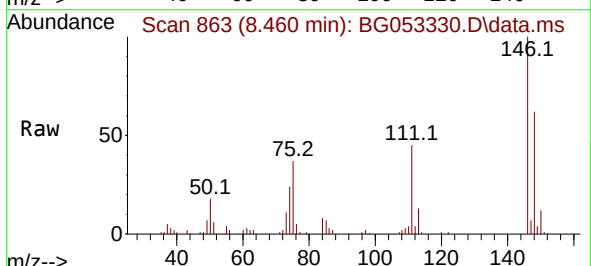
Tgt Ion:146 Resp: 63448

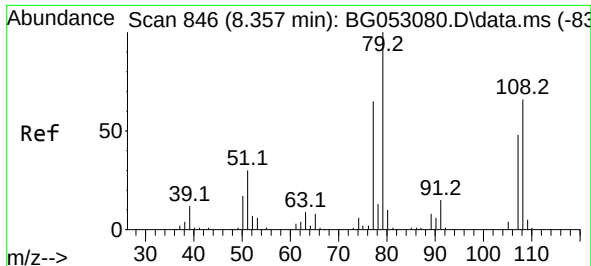
Ion Ratio Lower Upper

146 100

148 61.6 51.0 76.6

111 44.8 34.7 52.1

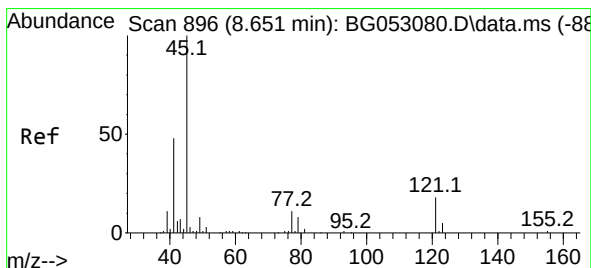
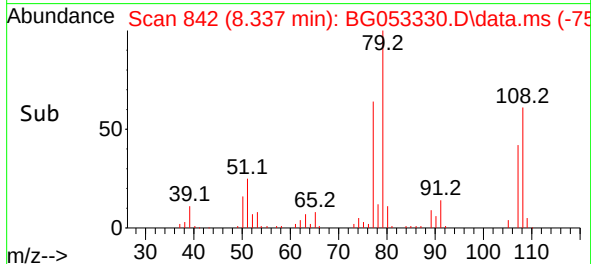
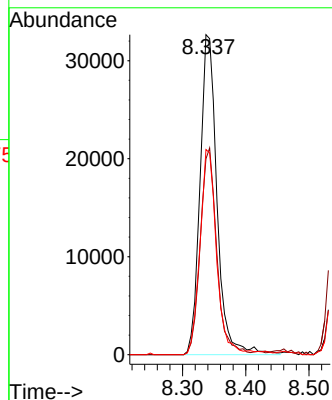
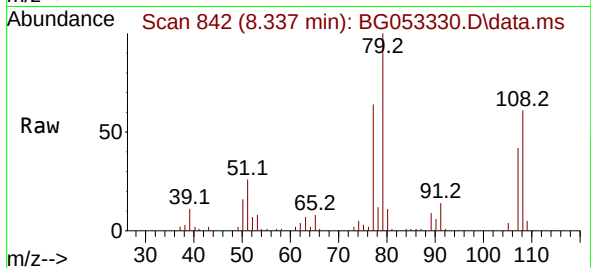




#15  
Benzyl Alcohol  
Concen: 37.240 ng  
RT: 8.337 min Scan# 842  
Delta R.T. -0.006 min  
Lab File: BG053330.D  
Acq: 26 Apr 2022 21:27

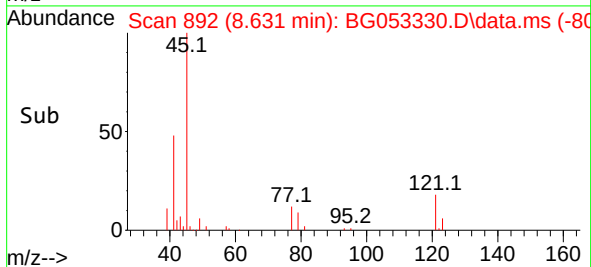
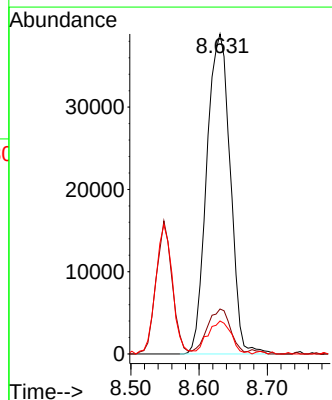
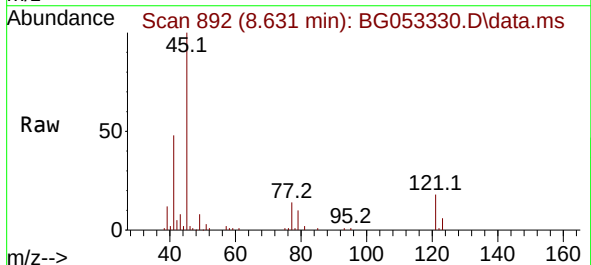
Instrument :  
BNA\_G  
ClientSampleId :  
MW-30MS

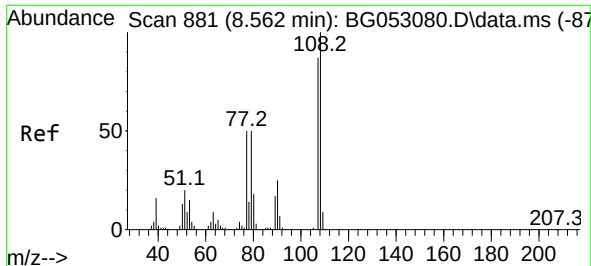
Tgt Ion: 79 Resp: 61110  
Ion Ratio Lower Upper  
79 100  
108 61.2 55.1 82.7  
77 64.1 52.4 78.6



#16  
2,2'-oxybis(1-chloropropane)  
Concen: 42.094 ng  
RT: 8.631 min Scan# 892  
Delta R.T. -0.006 min  
Lab File: BG053330.D  
Acq: 26 Apr 2022 21:27

Tgt Ion: 45 Resp: 93096  
Ion Ratio Lower Upper  
45 100  
77 14.1 0.0 34.9  
79 10.3 0.0 30.7

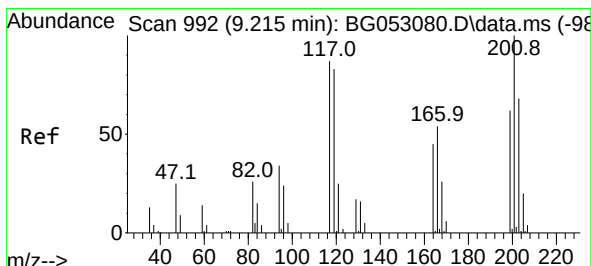
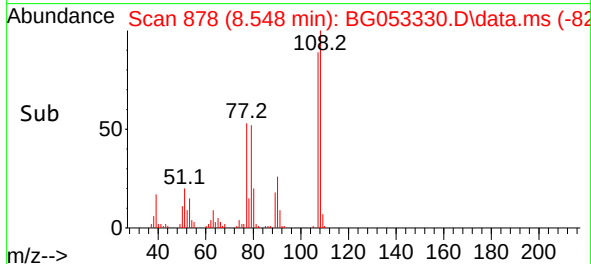
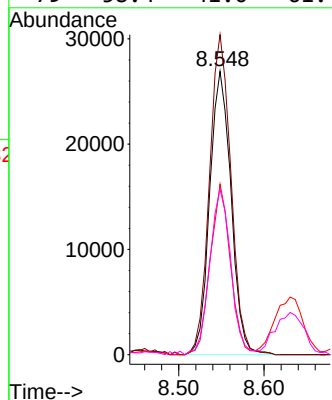
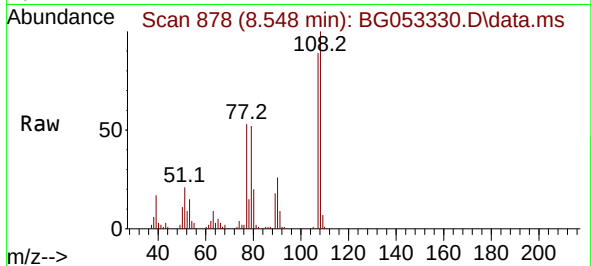




#17  
2-Methylphenol  
Concen: 37.766 ng  
RT: 8.548 min Scan# 81  
Delta R.T. -0.006 min  
Lab File: BG053330.D  
Acq: 26 Apr 2022 21:27

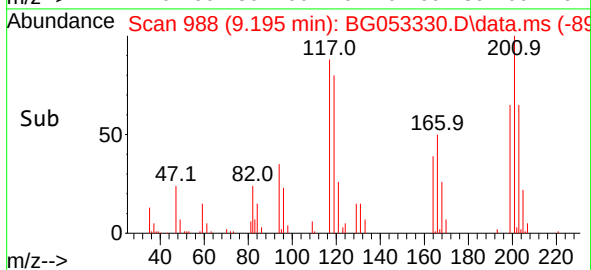
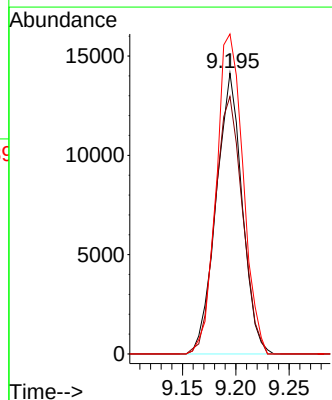
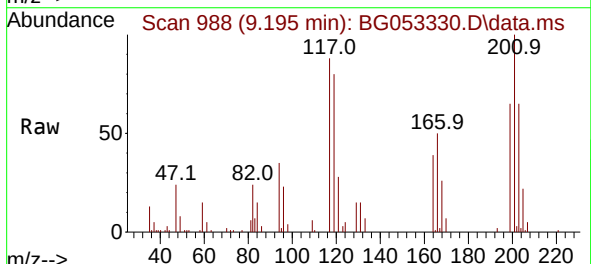
Instrument :  
BNA\_G  
ClientSampleId :  
MW-30MS

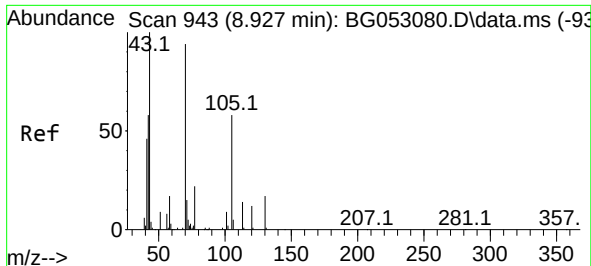
|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 107   | Resp: | 46964 |
| Ion      | Ratio | Lower | Upper |
| 107      | 100   |       |       |
| 108      | 112.9 | 91.5  | 137.3 |
| 77       | 60.1  | 42.5  | 63.7  |
| 79       | 58.4  | 41.0  | 61.4  |



#18  
Hexachloroethane  
Concen: 41.728 ng  
RT: 9.195 min Scan# 988  
Delta R.T. -0.006 min  
Lab File: BG053330.D  
Acq: 26 Apr 2022 21:27

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 117   | Resp: | 23959 |
| Ion      | Ratio | Lower | Upper |
| 117      | 100   |       |       |
| 119      | 91.7  | 75.1  | 112.7 |
| 201      | 114.0 | 96.6  | 145.0 |



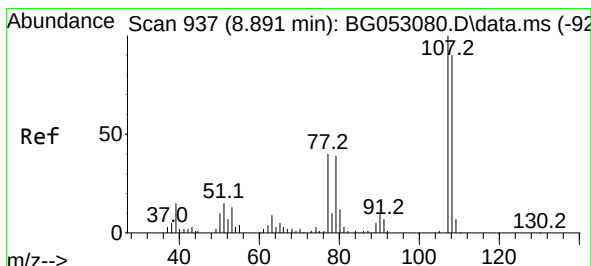
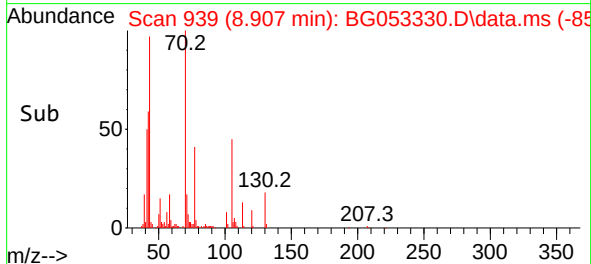
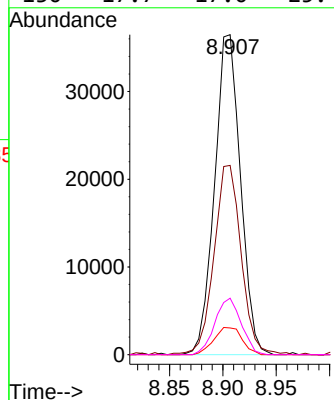
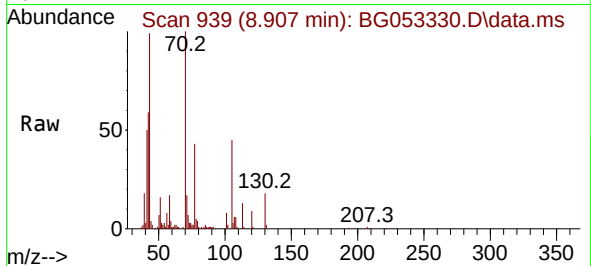


#19  
n-Nitroso-di-n-propylamine  
Concen: 45.499 ng  
RT: 8.907 min Scan# 91  
Delta R.T. -0.006 min  
Lab File: BG053330.D  
Acq: 26 Apr 2022 21:27

Instrument :  
BNA\_G  
ClientSampleId :  
MW-30MS

Tgt Ion: 70 Resp: 61497

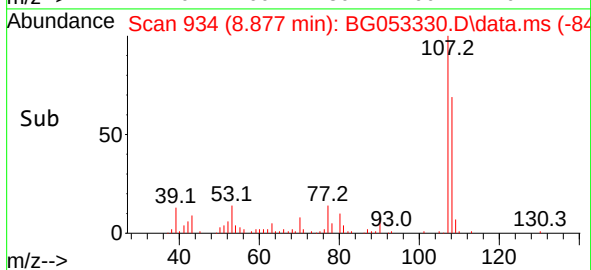
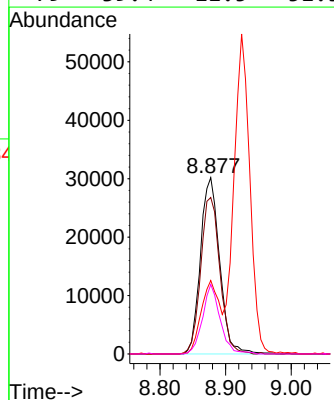
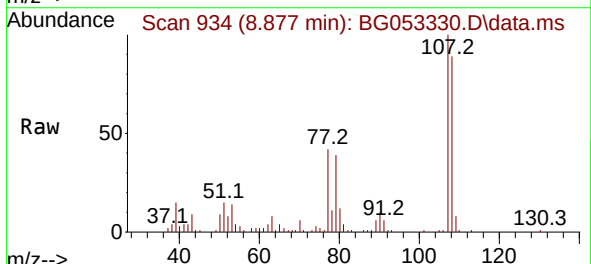
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 70  | 100   |       |       |
| 42  | 59.2  | 46.0  | 69.0  |
| 101 | 8.4   | 6.2   | 9.4   |
| 130 | 17.7  | 17.0  | 25.4  |

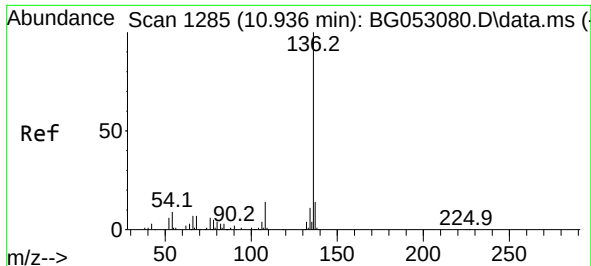


#20  
3+4-Methylphenols  
Concen: 35.006 ng  
RT: 8.877 min Scan# 934  
Delta R.T. -0.006 min  
Lab File: BG053330.D  
Acq: 26 Apr 2022 21:27

Tgt Ion: 107 Resp: 61453

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 107 | 100   |       |       |
| 108 | 88.8  | 64.8  | 104.8 |
| 77  | 41.6  | 15.9  | 55.9  |
| 79  | 39.4  | 11.5  | 51.5  |

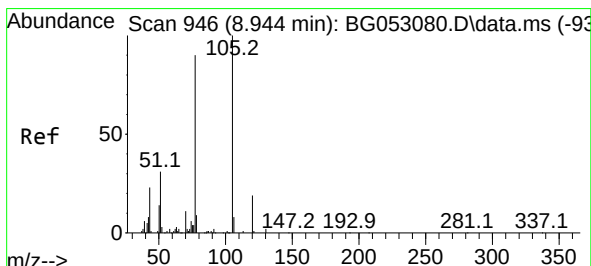
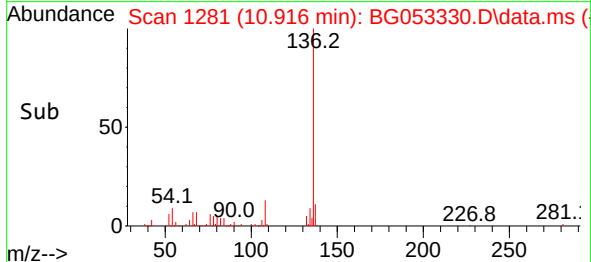
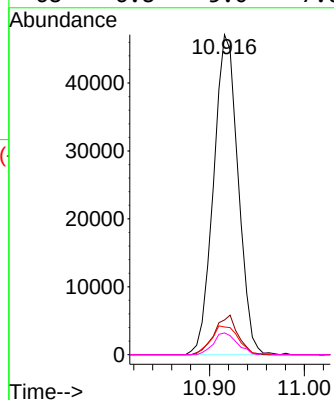
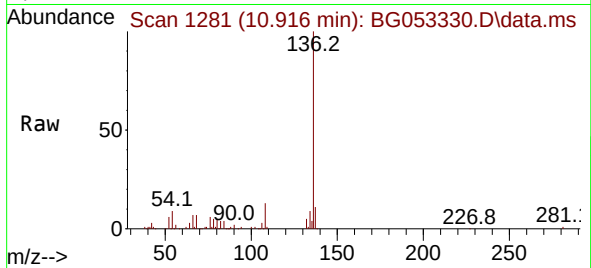




#21  
Naphthalene-d8  
Concen: 20.000 ng  
RT: 10.916 min Scan# 1281  
Delta R.T. -0.006 min  
Lab File: BG053330.D  
Acq: 26 Apr 2022 21:27

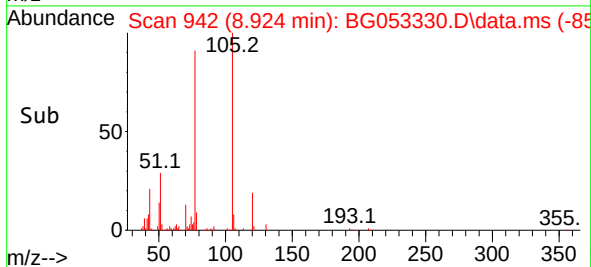
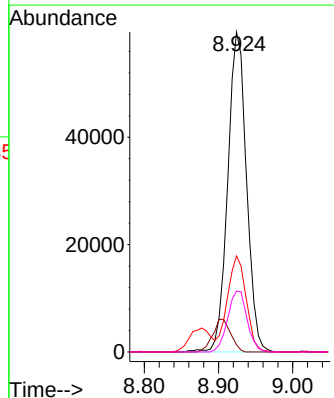
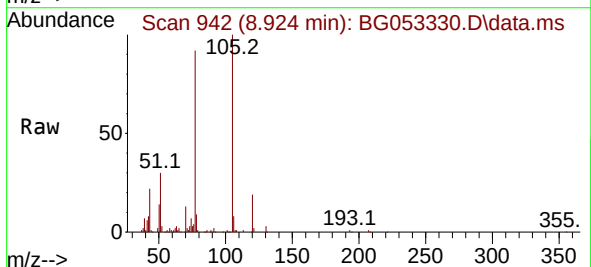
Instrument :  
BNA\_G  
ClientSampleId :  
MW-30MS

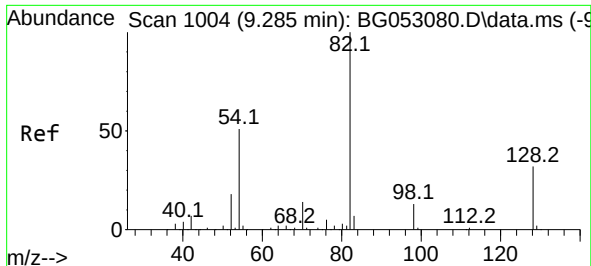
|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 136   | Resp: | 84723 |
| Ion      | Ratio | Lower | Upper |
| 136      | 100   |       |       |
| 137      | 10.9  | 9.4   | 14.2  |
| 54       | 8.7   | 6.4   | 9.6   |
| 68       | 6.8   | 5.0   | 7.6   |



#22  
Acetophenone  
Concen: 44.456 ng  
RT: 8.924 min Scan# 942  
Delta R.T. -0.006 min  
Lab File: BG053330.D  
Acq: 26 Apr 2022 21:27

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 105   | Resp: | 104491 |
| Ion      | Ratio | Lower | Upper  |
| 105      | 100   |       |        |
| 71       | 2.2   | 2.1   | 3.1    |
| 51       | 30.0  | 21.9  | 32.9   |
| 120      | 19.0  | 15.3  | 22.9   |

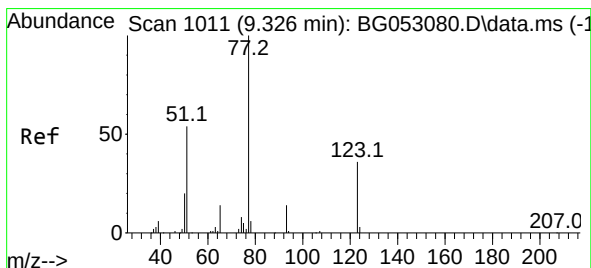
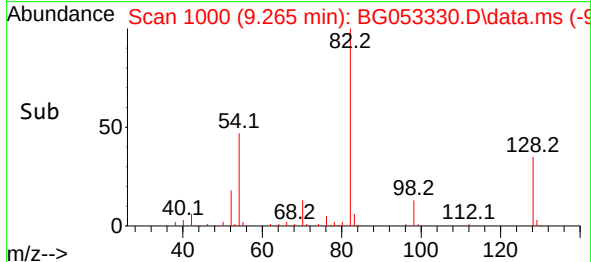
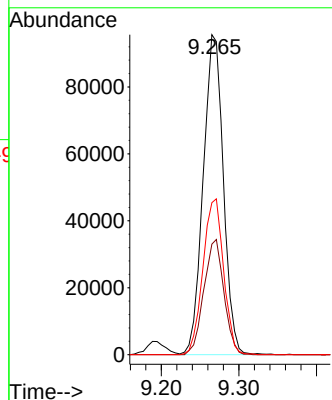
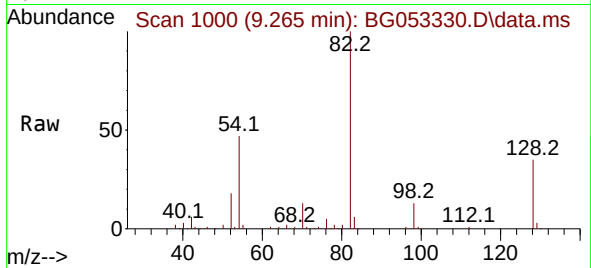




#23  
Nitrobenzene-d5  
Concen: 82.744 ng  
RT: 9.265 min Scan# 1000  
Delta R.T. -0.012 min  
Lab File: BG053330.D  
Acq: 26 Apr 2022 21:27

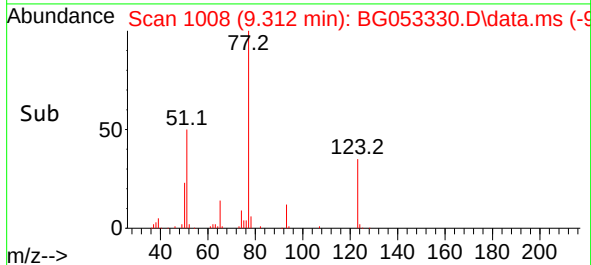
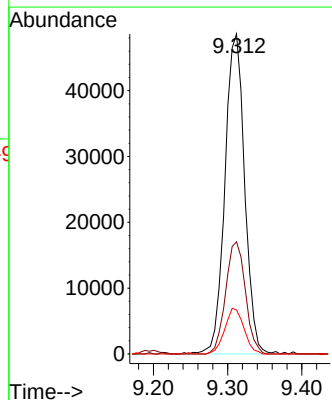
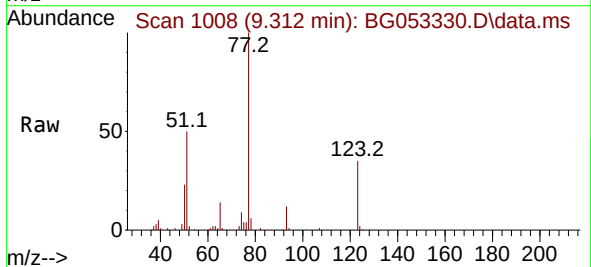
Instrument :  
BNA\_G  
ClientSampleId :  
MW-30MS

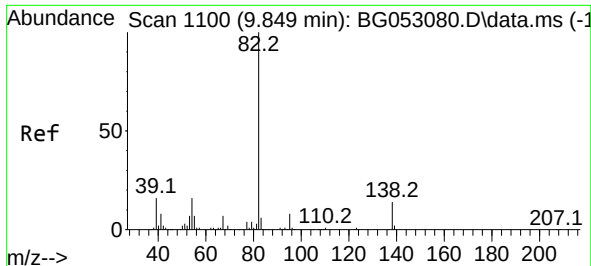
Tgt Ion: 82 Resp: 172653  
Ion Ratio Lower Upper  
82 100  
128 34.5 31.3 46.9  
54 47.5 37.8 56.8



#24  
Nitrobenzene  
Concen: 44.154 ng  
RT: 9.312 min Scan# 1008  
Delta R.T. -0.006 min  
Lab File: BG053330.D  
Acq: 26 Apr 2022 21:27

Tgt Ion: 77 Resp: 89613  
Ion Ratio Lower Upper  
77 100  
123 35.1 34.4 51.6  
65 13.8 11.2 16.8

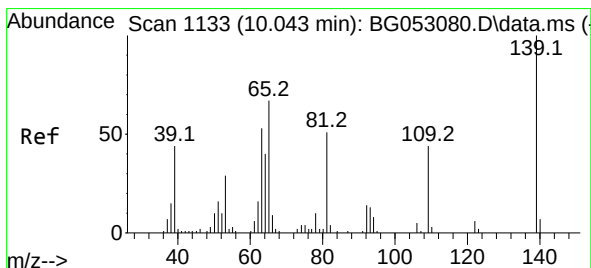
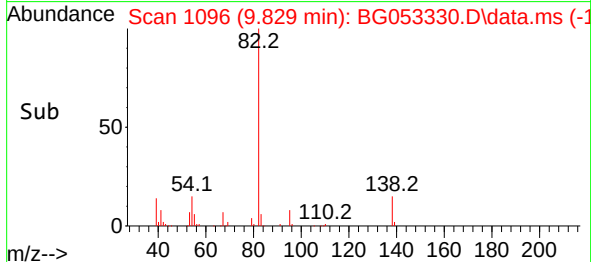
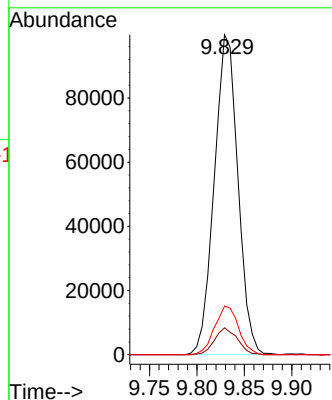
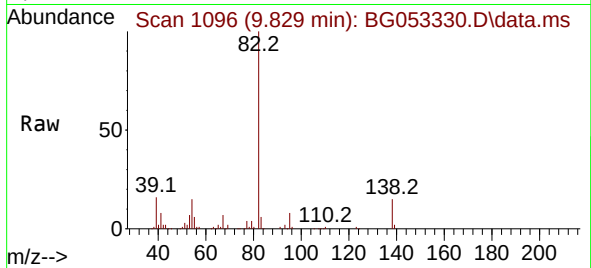




#25  
Isophorone  
Concen: 48.767 ng  
RT: 9.829 min Scan# 1100  
Delta R.T. -0.012 min  
Lab File: BG053330.D  
Acq: 26 Apr 2022 21:27

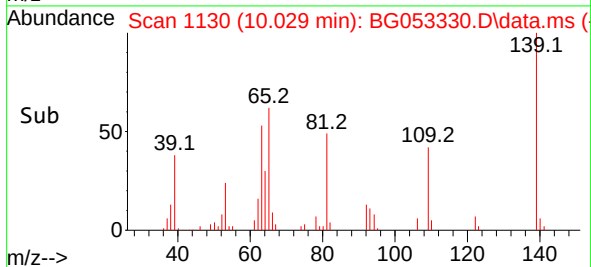
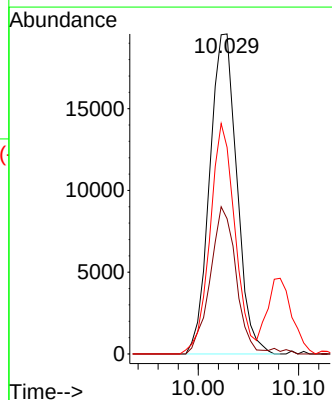
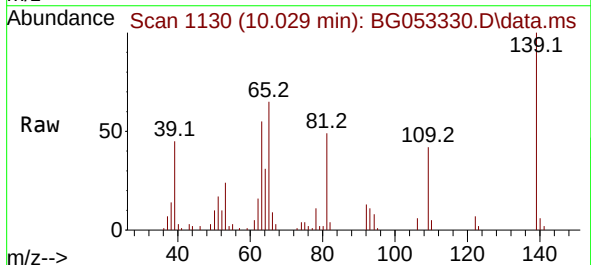
Instrument :  
BNA\_G  
ClientSampleId :  
MW-30MS

Tgt Ion: 82 Resp: 172956  
Ion Ratio Lower Upper  
82 100  
95 8.4 5.8 8.6  
138 15.2 12.6 18.8

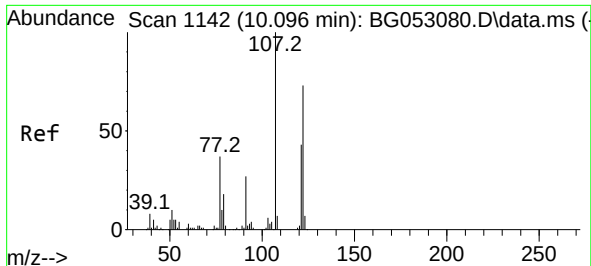


#26  
2-Nitrophenol  
Concen: 43.337 ng  
RT: 10.029 min Scan# 1130  
Delta R.T. 0.000 min  
Lab File: BG053330.D  
Acq: 26 Apr 2022 21:27

Tgt Ion: 139 Resp: 36779  
Ion Ratio Lower Upper  
139 100  
109 42.2 29.4 44.0  
65 64.6 48.2 72.2



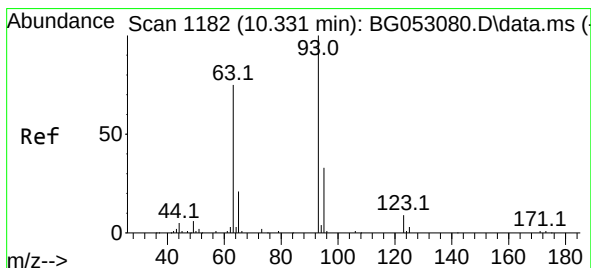
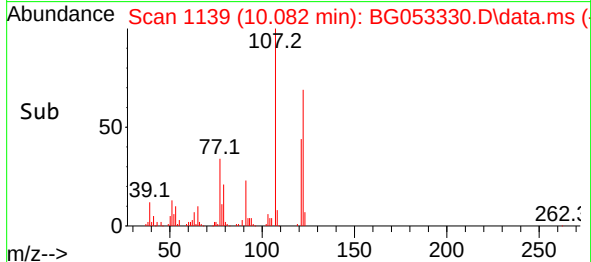
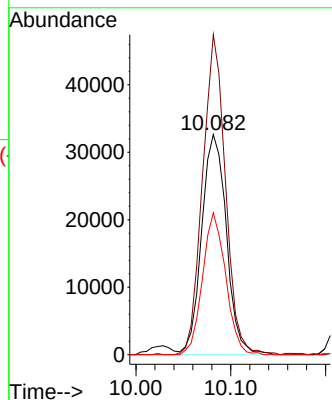
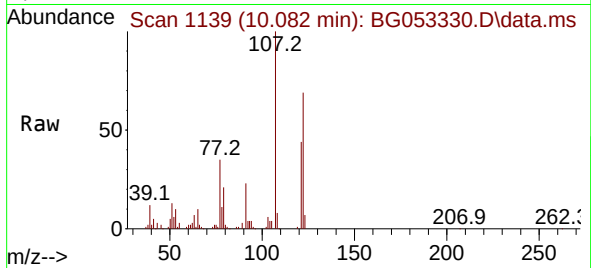




#27  
2,4-Dimethylphenol  
Concen: 48.665 ng  
RT: 10.082 min Scan# 1139  
Delta R.T. -0.006 min  
Lab File: BG053330.D  
Acq: 26 Apr 2022 21:27

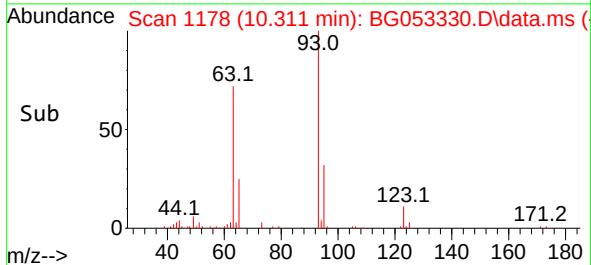
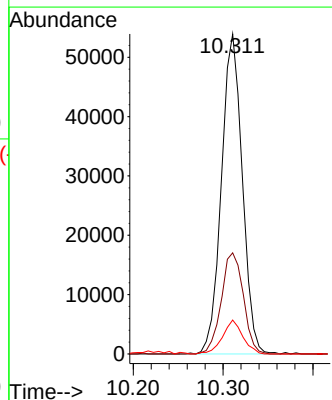
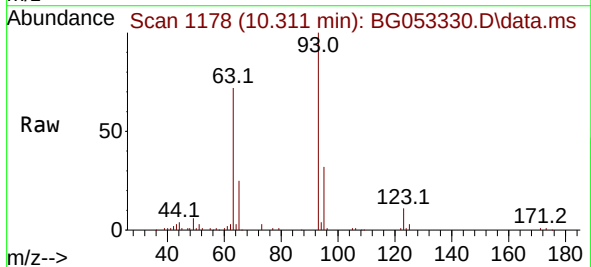
Instrument :  
BNA\_G  
ClientSampleId :  
MW-30MS

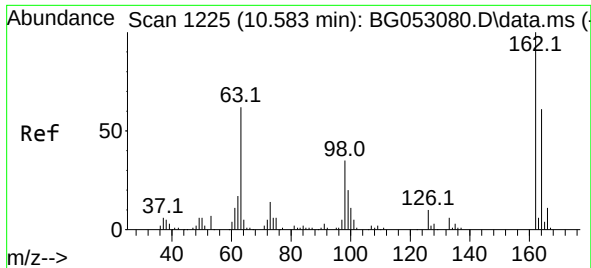
Tgt Ion:122 Resp: 59150  
Ion Ratio Lower Upper  
122 100  
107 145.3 96.7 145.1#  
121 64.4 46.3 69.5



#28  
bis(2-Chloroethoxy)methane  
Concen: 43.644 ng  
RT: 10.311 min Scan# 1178  
Delta R.T. -0.006 min  
Lab File: BG053330.D  
Acq: 26 Apr 2022 21:27

Tgt Ion: 93 Resp: 86960  
Ion Ratio Lower Upper  
93 100  
95 31.6 26.5 39.7  
123 10.6 8.6 12.8





#29

2,4-Dichlorophenol

Concen: 48.078 ng

RT: 10.563 min Scan# 1

Delta R.T. -0.012 min

Lab File: BG053330.D

Acq: 26 Apr 2022 21:27

Instrument :

BNA\_G

ClientSampleId :

MW-30MS

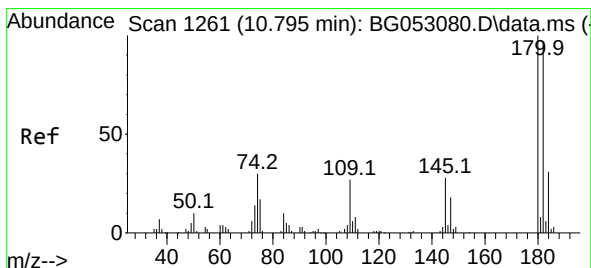
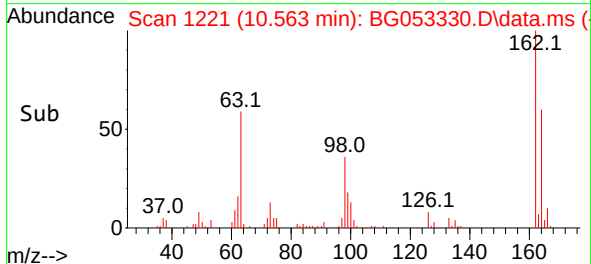
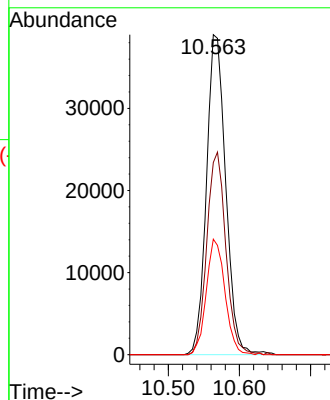
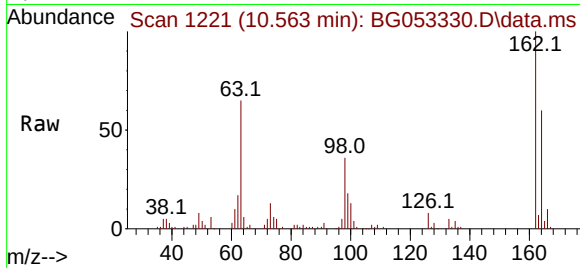
Tgt Ion:162 Resp: 73464

Ion Ratio Lower Upper

162 100

164 60.1 44.0 84.0

98 36.1 17.3 57.3



#30

1,2,4-Trichlorobenzene

Concen: 40.948 ng

RT: 10.781 min Scan# 1258

Delta R.T. -0.006 min

Lab File: BG053330.D

Acq: 26 Apr 2022 21:27

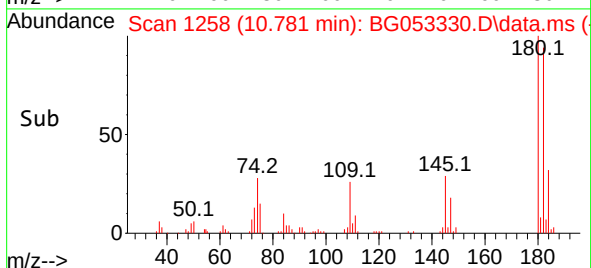
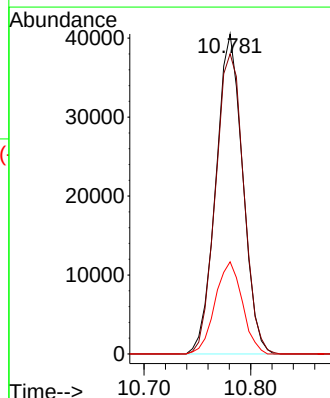
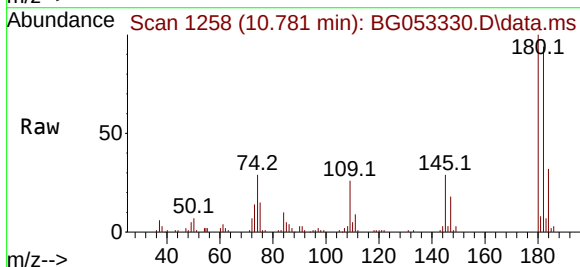
Tgt Ion:180 Resp: 70815

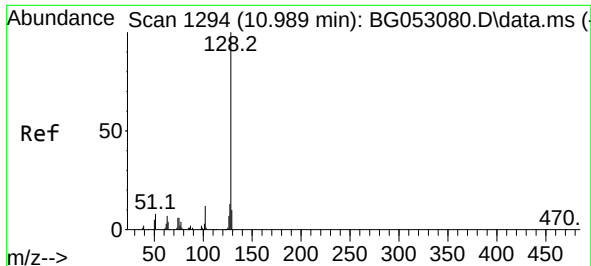
Ion Ratio Lower Upper

180 100

182 93.8 77.8 116.6

145 28.8 24.4 36.6

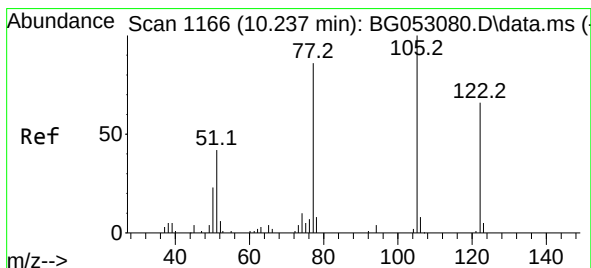
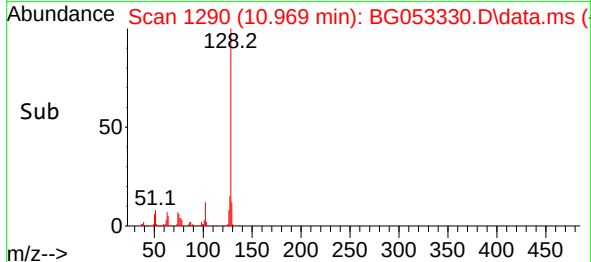
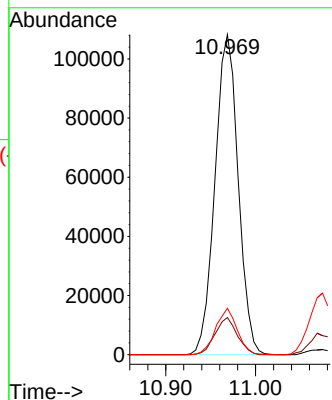
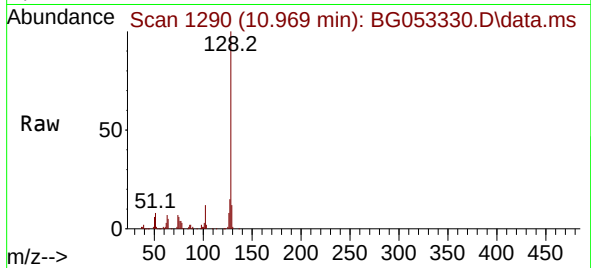




#31  
Naphthalene  
Concen: 42.923 ng  
RT: 10.969 min Scan# 111  
Delta R.T. -0.006 min  
Lab File: BG053330.D  
Acq: 26 Apr 2022 21:27

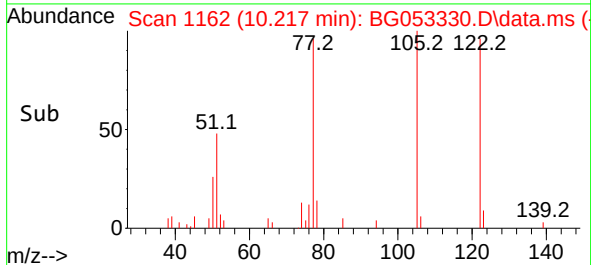
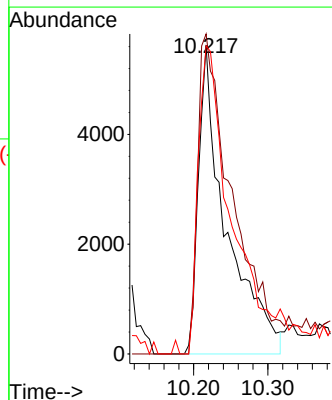
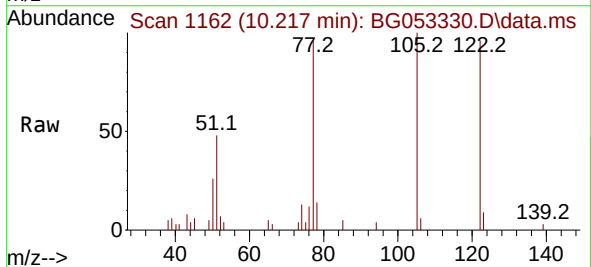
Instrument :  
BNA\_G  
ClientSampleId :  
MW-30MS

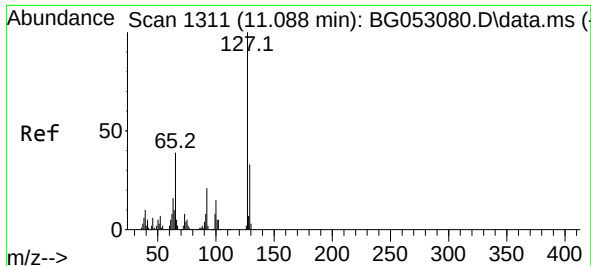
Tgt Ion:128 Resp: 194019  
Ion Ratio Lower Upper  
128 100  
129 11.6 8.8 13.2  
127 14.5 10.5 15.7



#32  
Benzoic acid  
Concen: 20.632 ng  
RT: 10.217 min Scan# 1162  
Delta R.T. -0.017 min  
Lab File: BG053330.D  
Acq: 26 Apr 2022 21:27

Tgt Ion:122 Resp: 14550  
Ion Ratio Lower Upper  
122 100  
105 103.7 112.8 152.8#  
77 99.9 78.4 118.4

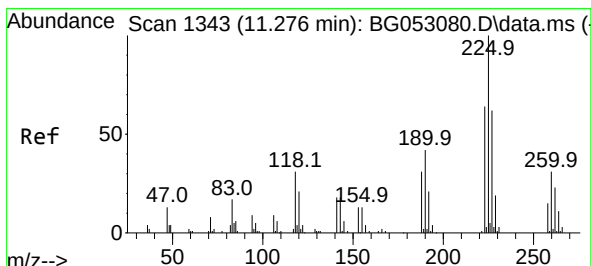
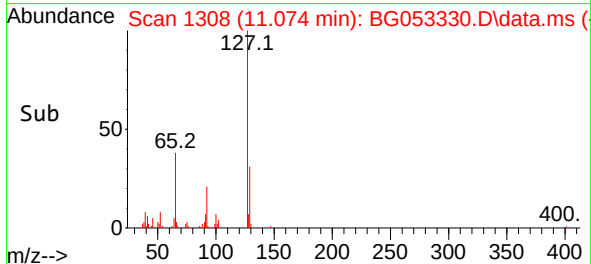
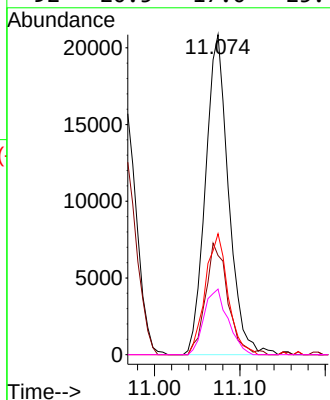
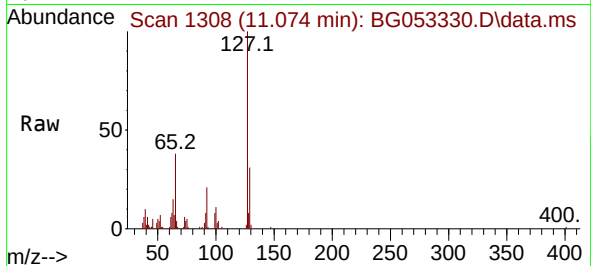




#33  
4-Chloroaniline  
Concen: 20.278 ng  
RT: 11.074 min Scan# 11  
Delta R.T. 0.000 min  
Lab File: BG053330.D  
Acq: 26 Apr 2022 21:27

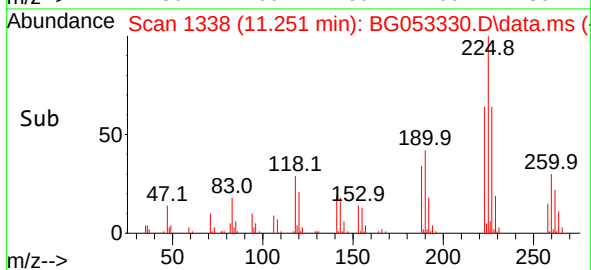
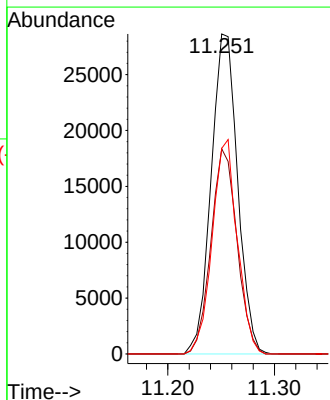
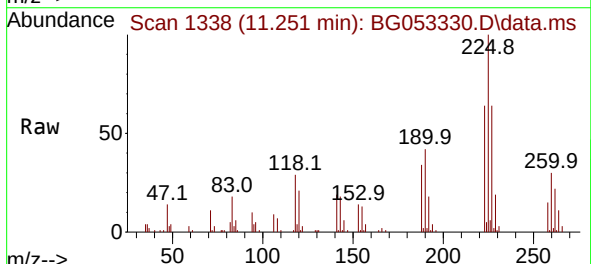
Instrument :  
BNA\_G  
ClientSampleId :  
MW-30MS

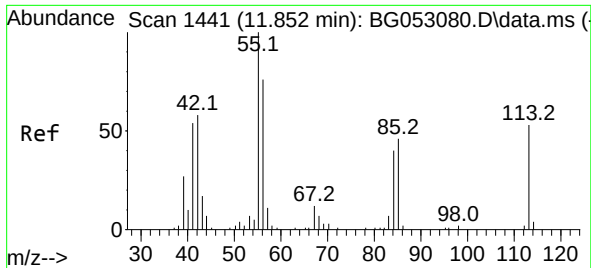
|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 127   | Resp: | 39251 |
| Ion Ratio | Lower | Upper |       |
| 127       | 100   |       |       |
| 129       | 31.0  | 27.6  | 41.4  |
| 65        | 37.8  | 28.2  | 42.4  |
| 92        | 20.5  | 17.0  | 25.4  |



#34  
Hexachlorobutadiene  
Concen: 38.442 ng  
RT: 11.251 min Scan# 1338  
Delta R.T. -0.012 min  
Lab File: BG053330.D  
Acq: 26 Apr 2022 21:27

|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 225   | Resp: | 49384 |
| Ion Ratio | Lower | Upper |       |
| 225       | 100   |       |       |
| 223       | 64.1  | 50.2  | 75.2  |
| 227       | 64.3  | 52.0  | 78.0  |

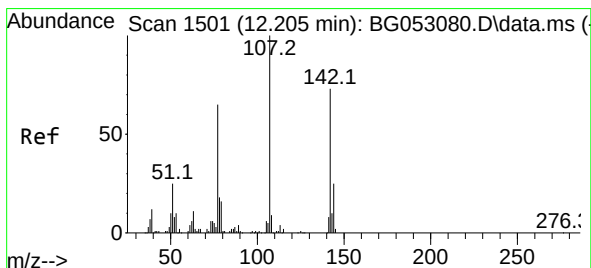
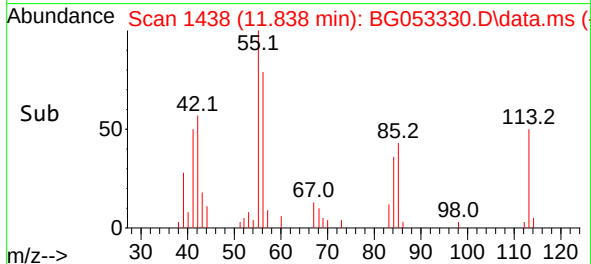
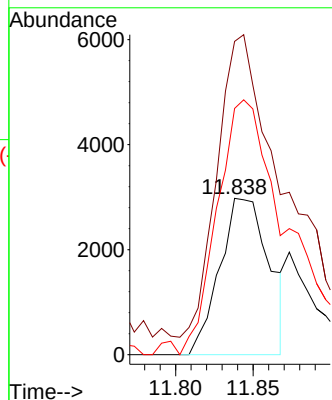
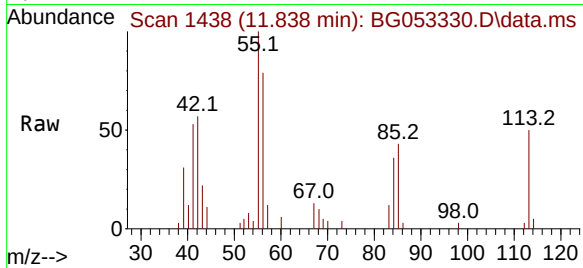




#35  
Caprolactam  
Concen: 12.182 ng  
RT: 11.838 min Scan# 1441  
Delta R.T. -0.012 min  
Lab File: BG053330.D  
Acq: 26 Apr 2022 21:27

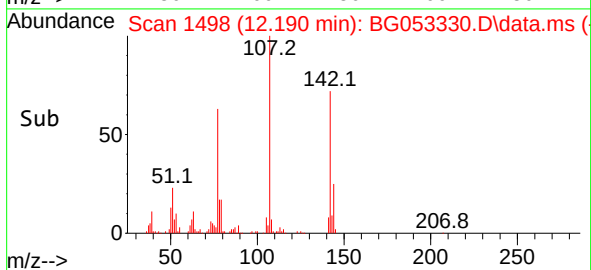
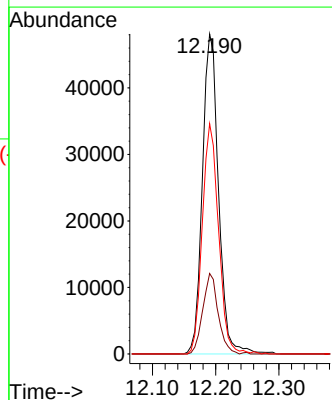
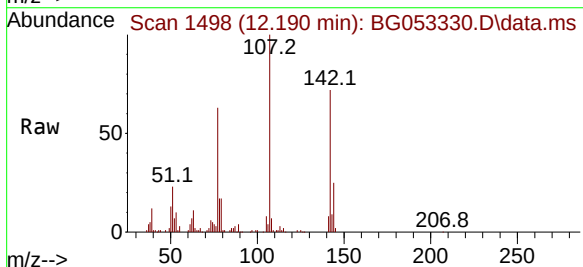
Instrument :  
BNA\_G  
ClientSampleId :  
MW-30MS

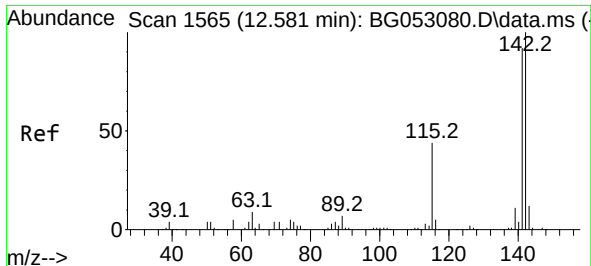
Tgt Ion:113 Resp: 6561  
Ion Ratio Lower Upper  
113 100  
55 200.5 151.3 191.3#  
56 157.5 128.5 168.5



#36  
4-Chloro-3-methylphenol  
Concen: 48.048 ng  
RT: 12.190 min Scan# 1498  
Delta R.T. -0.006 min  
Lab File: BG053330.D  
Acq: 26 Apr 2022 21:27

Tgt Ion:107 Resp: 85473  
Ion Ratio Lower Upper  
107 100  
144 25.1 21.4 32.0  
142 72.0 61.7 92.5

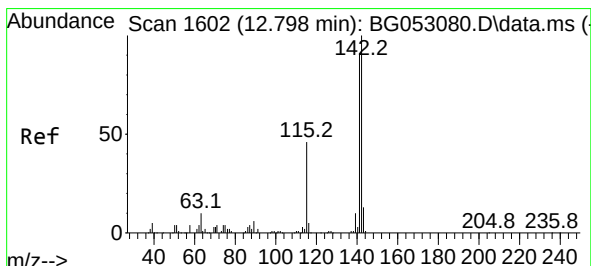
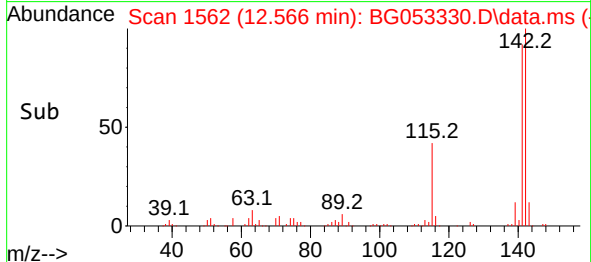
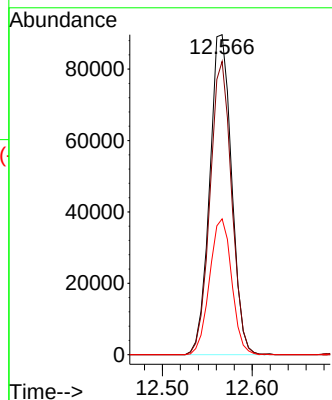
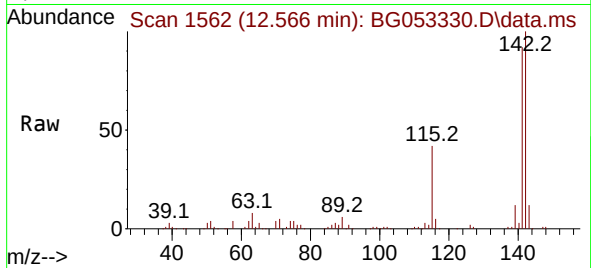




#37  
2-Methylnaphthalene  
Concen: 45.432 ng  
RT: 12.566 min Scan# 1562  
Delta R.T. -0.006 min  
Lab File: BG053330.D  
Acq: 26 Apr 2022 21:27

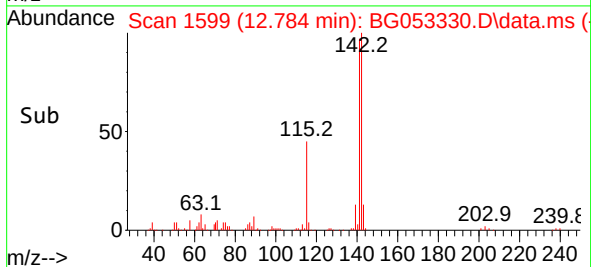
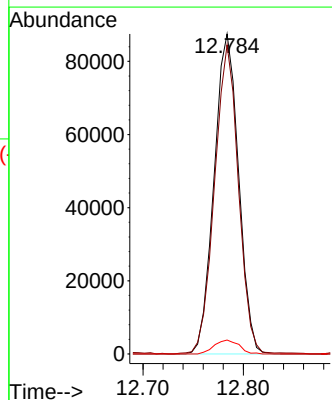
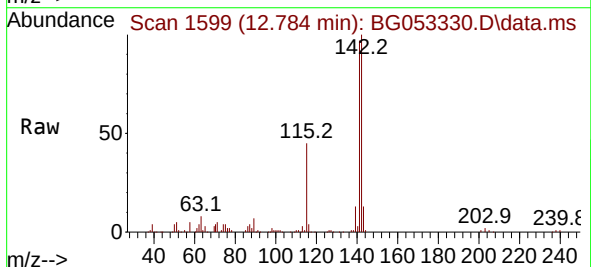
Instrument :  
BNA\_G  
ClientSampleId :  
MW-30MS

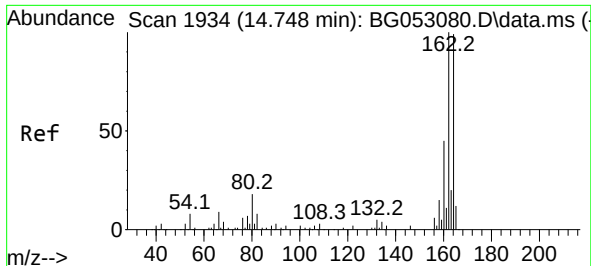
Tgt Ion:142 Resp: 151956  
Ion Ratio Lower Upper  
142 100  
141 91.7 71.3 106.9  
115 42.4 29.5 44.3



#38  
1-Methylnaphthalene  
Concen: 45.372 ng  
RT: 12.784 min Scan# 1599  
Delta R.T. -0.006 min  
Lab File: BG053330.D  
Acq: 26 Apr 2022 21:27

Tgt Ion:142 Resp: 148130  
Ion Ratio Lower Upper  
142 100  
141 96.6 70.5 105.7  
116 4.3 3.1 4.7

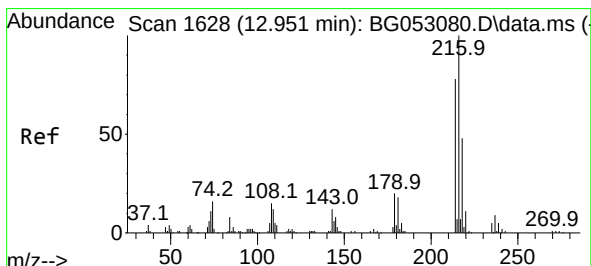
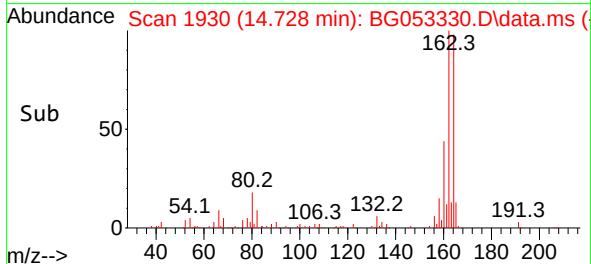
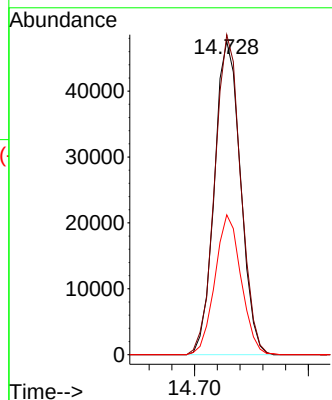
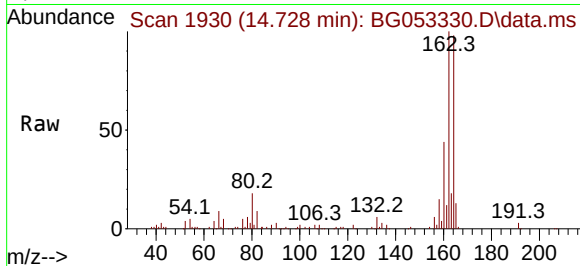




#39  
Acenaphthene-d10  
Concen: 20.000 ng  
RT: 14.728 min Scan# 1934  
Delta R.T. -0.006 min  
Lab File: BG053330.D  
Acq: 26 Apr 2022 21:27

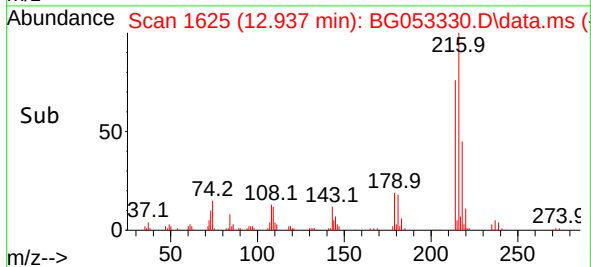
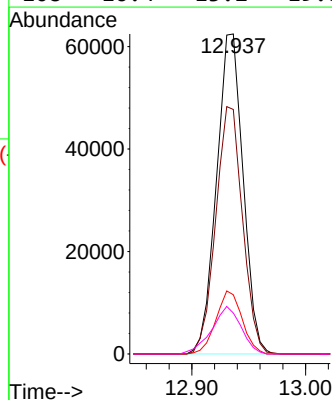
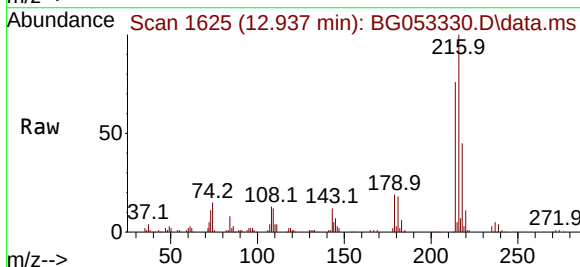
Instrument :  
BNA\_G  
ClientSampleId :  
MW-30MS

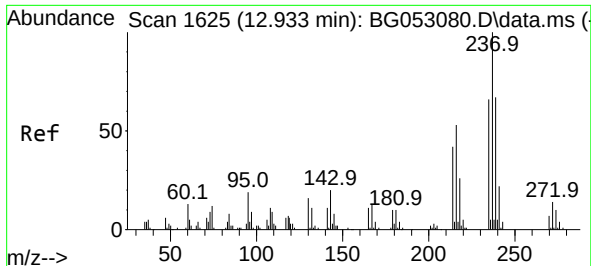
Tgt Ion:164 Resp: 75644  
Ion Ratio Lower Upper  
164 100  
162 102.2 80.0 120.0  
160 44.7 38.8 58.2



#40  
1,2,4,5-Tetrachlorobenzene  
Concen: 39.483 ng  
RT: 12.937 min Scan# 1625  
Delta R.T. -0.006 min  
Lab File: BG053330.D  
Acq: 26 Apr 2022 21:27

Tgt Ion:216 Resp: 101438  
Ion Ratio Lower Upper  
216 100  
214 78.0 63.8 95.6  
179 19.4 15.7 23.5  
108 16.4 13.2 19.8

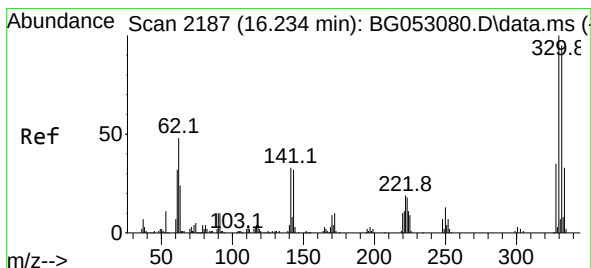
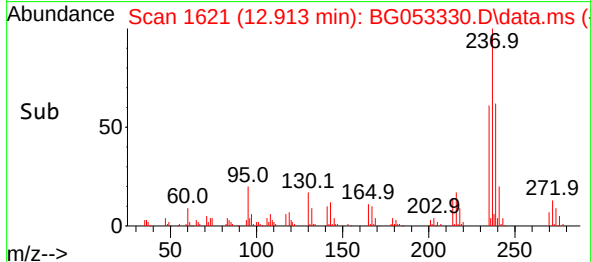
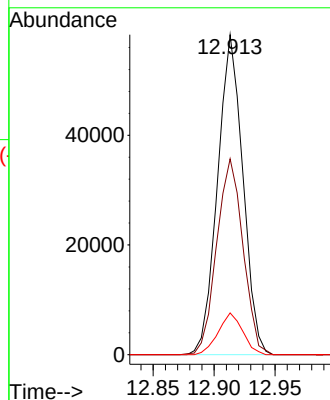
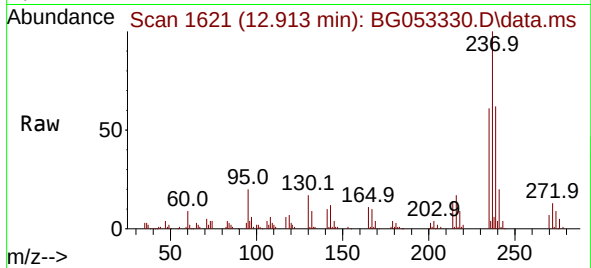




#41  
Hexachlorocyclopentadiene  
Concen: 63.427 ng  
RT: 12.913 min Scan# 1  
Delta R.T. -0.006 min  
Lab File: BG053330.D  
Acq: 26 Apr 2022 21:27

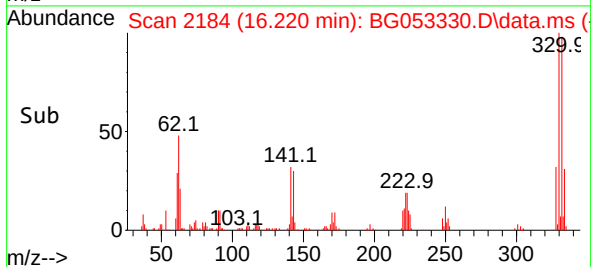
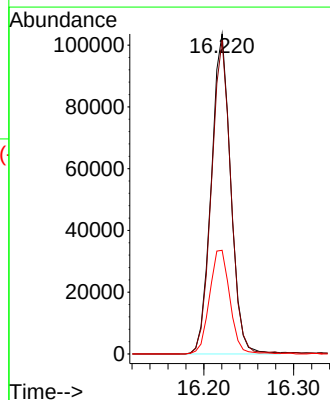
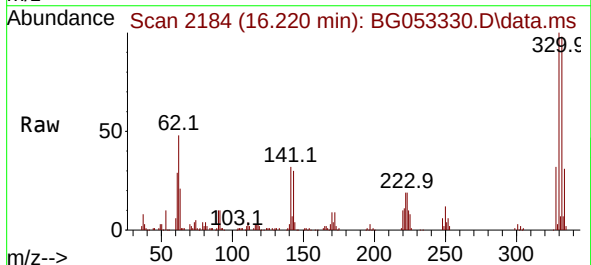
Instrument :  
BNA\_G  
ClientSampleId :  
MW-30MS

Tgt Ion:237 Resp: 84119  
Ion Ratio Lower Upper  
237 100  
235 61.2 37.7 77.7  
272 13.0 0.0 30.7

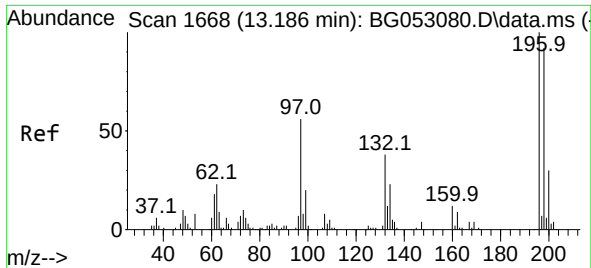


#42  
2,4,6-Tribromophenol  
Concen: 129.356 ng  
RT: 16.220 min Scan# 2184  
Delta R.T. -0.006 min  
Lab File: BG053330.D  
Acq: 26 Apr 2022 21:27

Tgt Ion:330 Resp: 155676  
Ion Ratio Lower Upper  
330 100  
332 97.6 75.8 113.6  
141 34.1 24.6 36.8



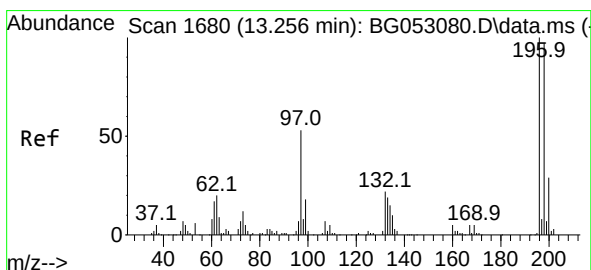
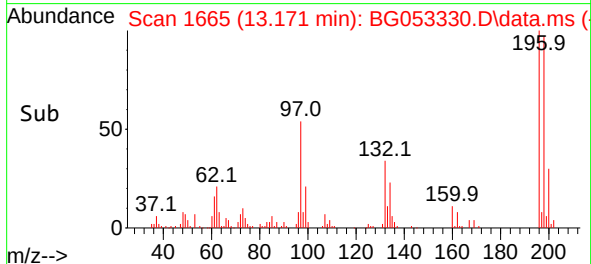
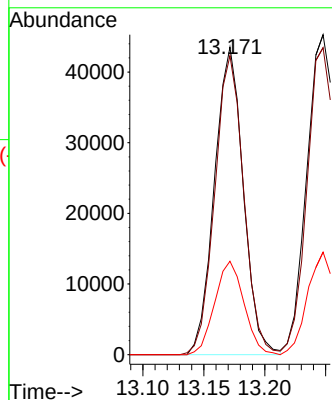
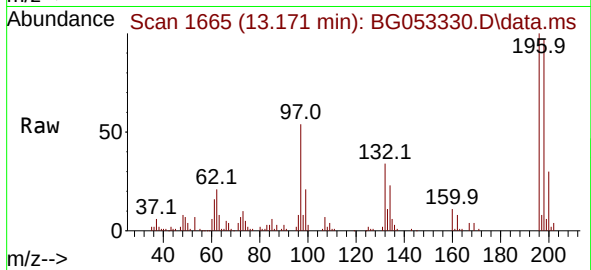




#43  
2,4,6-Trichlorophenol  
Concen: 40.424 ng  
RT: 13.171 min Scan# 1  
Delta R.T. -0.006 min  
Lab File: BG053330.D  
Acq: 26 Apr 2022 21:27

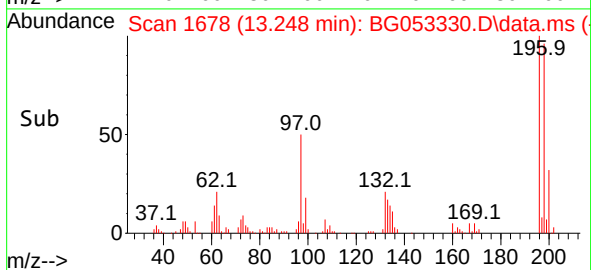
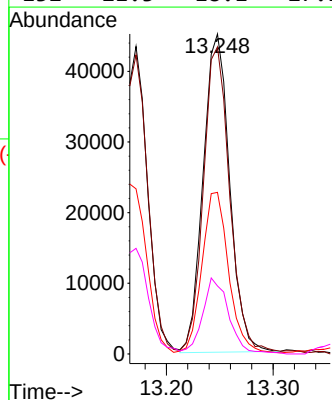
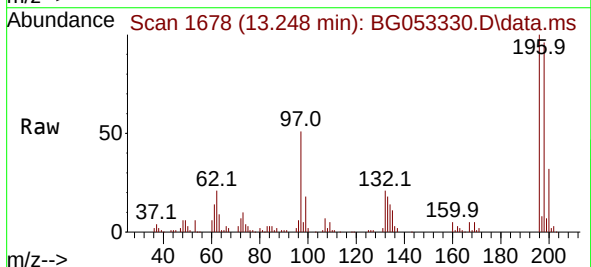
Instrument :  
BNA\_G  
ClientSampleId :  
MW-30MS

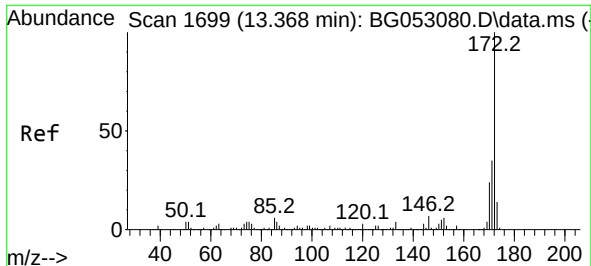
Tgt Ion:196 Resp: 71605  
Ion Ratio Lower Upper  
196 100  
198 97.3 78.8 118.2  
200 30.4 25.1 37.7



#44  
2,4,5-Trichlorophenol  
Concen: 41.266 ng  
RT: 13.248 min Scan# 1678  
Delta R.T. -0.006 min  
Lab File: BG053330.D  
Acq: 26 Apr 2022 21:27

Tgt Ion:196 Resp: 77893  
Ion Ratio Lower Upper  
196 100  
198 96.0 75.8 113.6  
97 50.5 36.5 54.7  
132 21.3 18.1 27.1

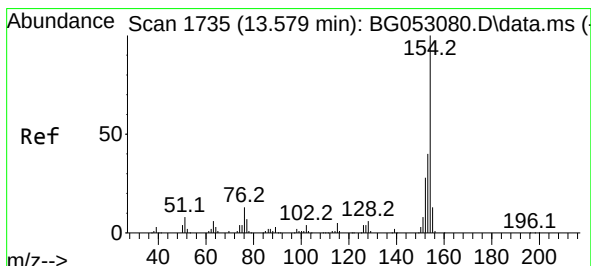
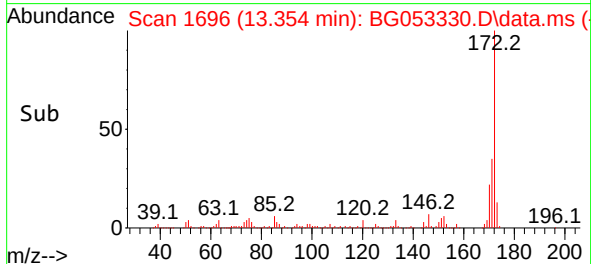
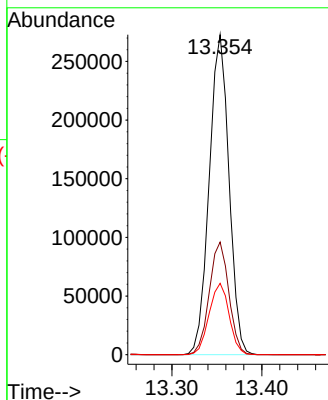
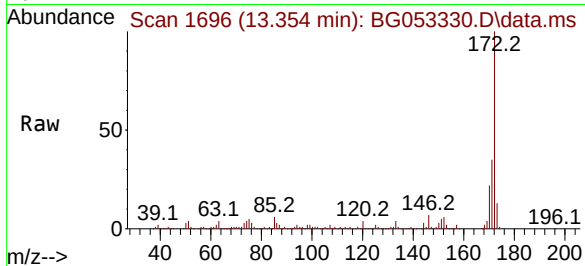




#45  
2-Fluorobiphenyl  
Concen: 75.933 ng  
RT: 13.354 min Scan# 1  
Delta R.T. -0.006 min  
Lab File: BG053330.D  
Acq: 26 Apr 2022 21:27

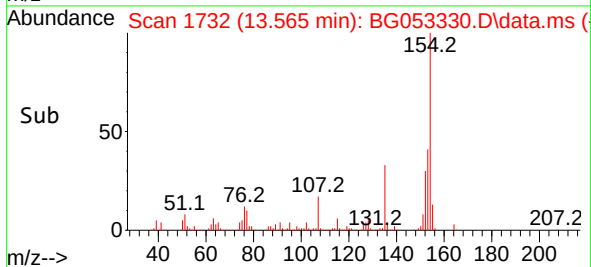
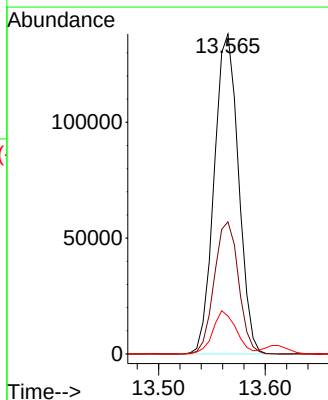
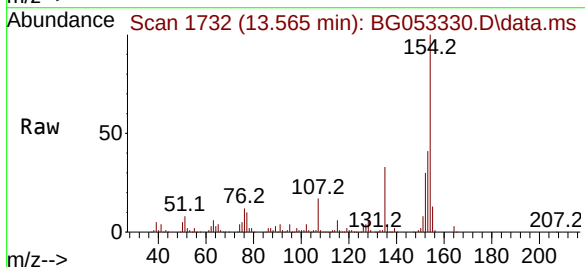
Instrument :  
BNA\_G  
ClientSampleId :  
MW-30MS

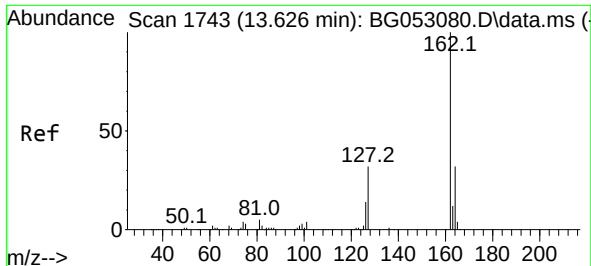
Tgt Ion:172 Resp: 416553  
Ion Ratio Lower Upper  
172 100  
171 35.2 28.3 42.5  
170 22.3 18.0 27.0



#46  
1,1'-Biphenyl  
Concen: 40.067 ng  
RT: 13.565 min Scan# 1732  
Delta R.T. -0.006 min  
Lab File: BG053330.D  
Acq: 26 Apr 2022 21:27

Tgt Ion:154 Resp: 218260  
Ion Ratio Lower Upper  
154 100  
153 41.3 21.6 61.6  
76 11.9 0.0 31.5

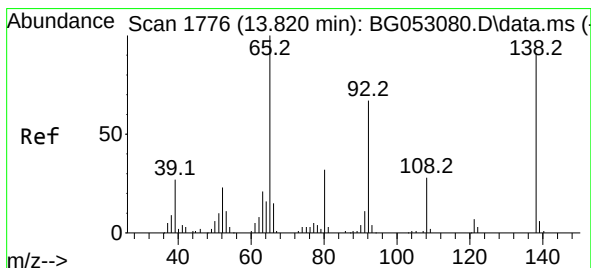
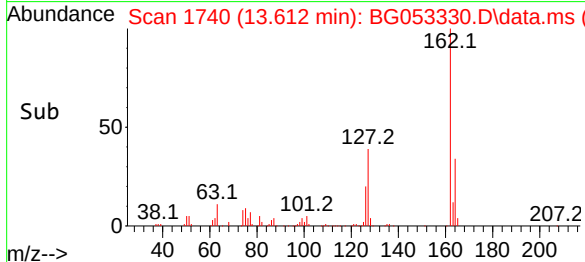
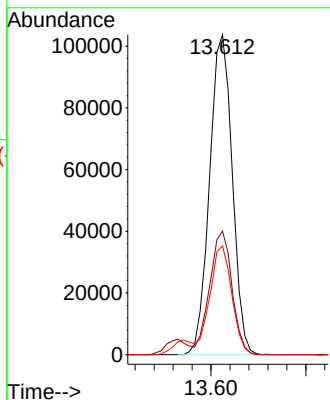
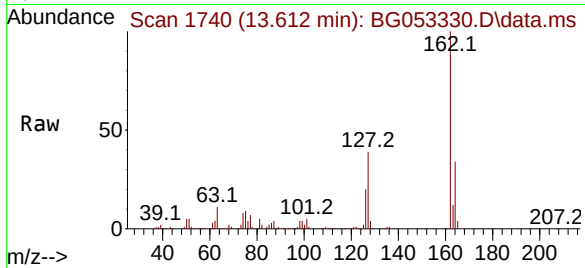




#47  
2-Chloronaphthalene  
Concen: 39.582 ng  
RT: 13.612 min Scan# 1  
Delta R.T. -0.006 min  
Lab File: BG053330.D  
Acq: 26 Apr 2022 21:27

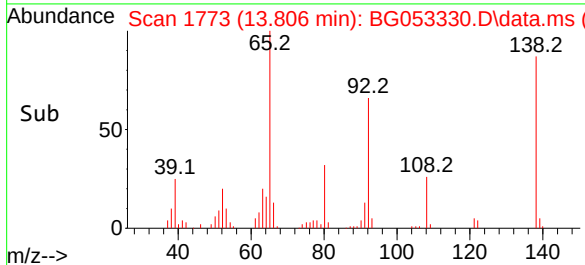
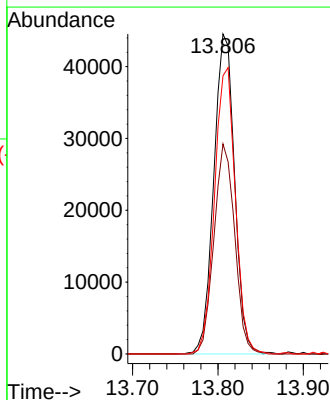
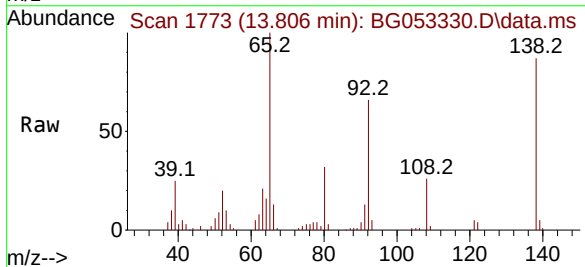
Instrument :  
BNA\_G  
ClientSampleId :  
MW-30MS

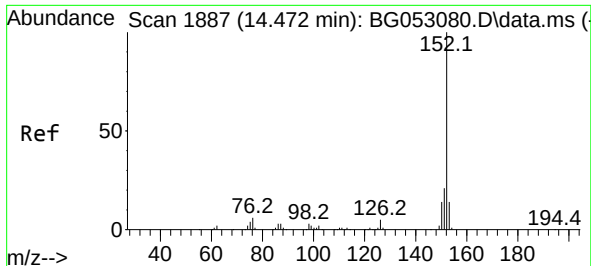
Tgt Ion:162 Resp: 172024  
Ion Ratio Lower Upper  
162 100  
127 38.6 28.1 42.1  
164 34.0 26.0 39.0



#48  
2-Nitroaniline  
Concen: 45.743 ng  
RT: 13.806 min Scan# 1773  
Delta R.T. -0.006 min  
Lab File: BG053330.D  
Acq: 26 Apr 2022 21:27

Tgt Ion: 65 Resp: 75445  
Ion Ratio Lower Upper  
65 100  
92 65.7 52.1 78.1  
138 87.0 80.1 120.1





#49

Acenaphthylene

Concen: 45.297 ng

RT: 14.452 min Scan# 1883

Delta R.T. -0.006 min

Lab File: BG053330.D

Acq: 26 Apr 2022 21:27

Instrument :

BNA\_G

ClientSampleId :

MW-30MS

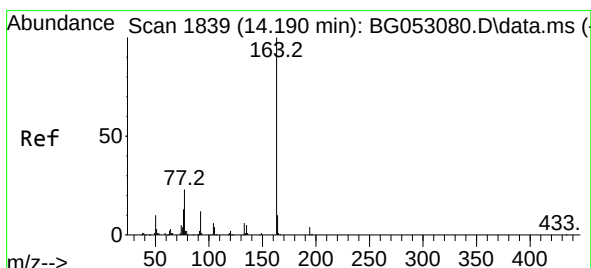
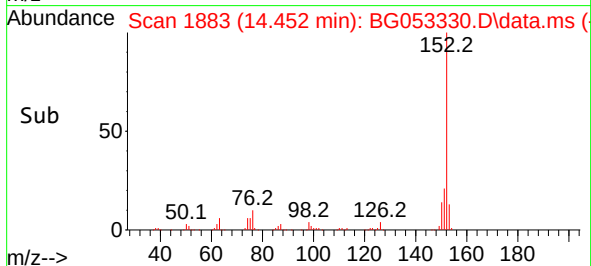
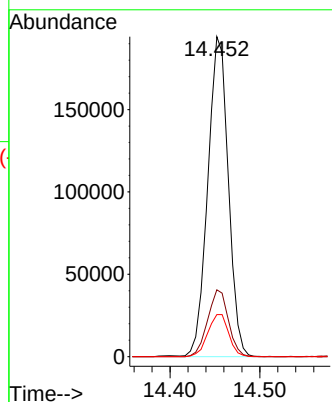
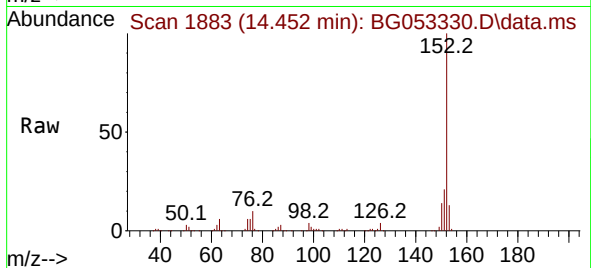
Tgt Ion:152 Resp: 308170

Ion Ratio Lower Upper

152 100

151 20.9 15.8 23.6

153 13.1 10.6 15.8



#50

Dimethylphthalate

Concen: 44.153 ng

RT: 14.176 min Scan# 1836

Delta R.T. -0.006 min

Lab File: BG053330.D

Acq: 26 Apr 2022 21:27

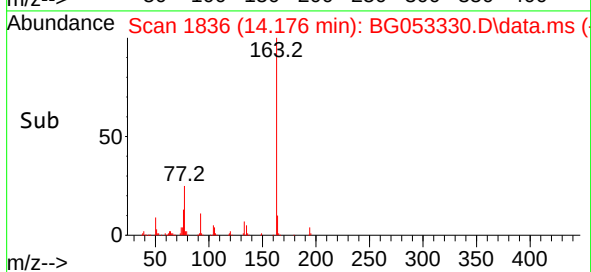
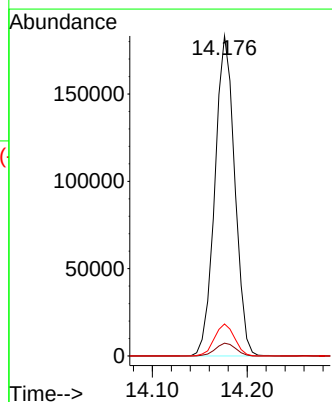
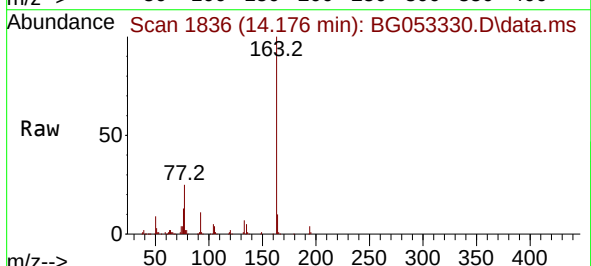
Tgt Ion:163 Resp: 267141

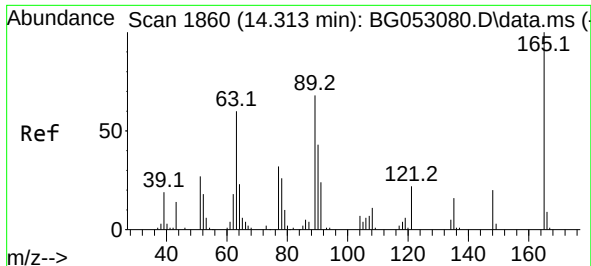
Ion Ratio Lower Upper

163 100

194 4.0 3.3 4.9

164 10.0 8.5 12.7

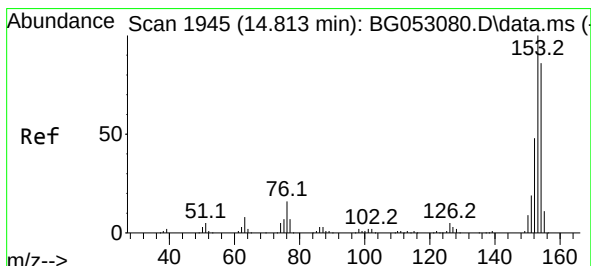
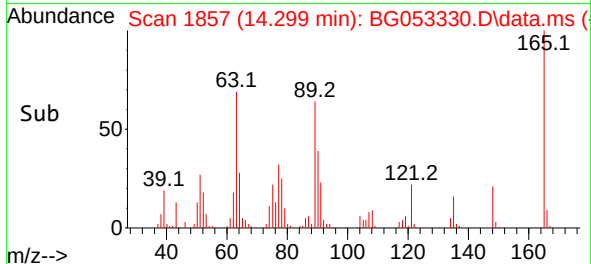
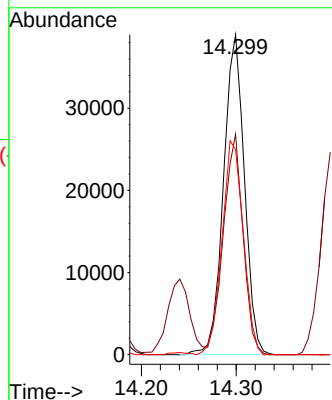
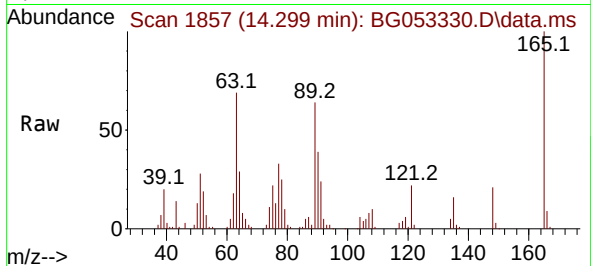




#51  
2,6-Dinitrotoluene  
Concen: 47.285 ng  
RT: 14.299 min Scan# 1857  
Delta R.T. -0.006 min  
Lab File: BG053330.D  
Acq: 26 Apr 2022 21:27

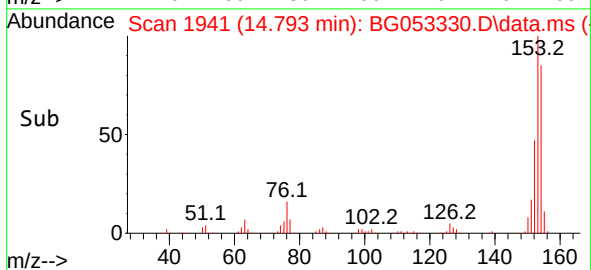
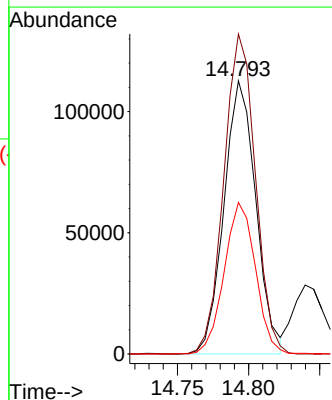
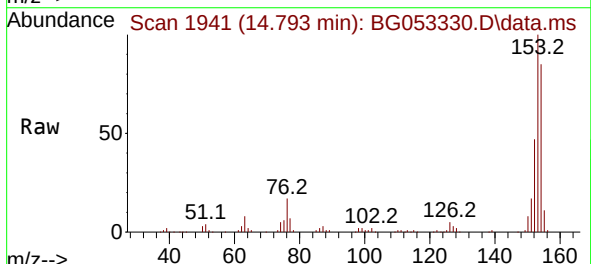
Instrument :  
BNA\_G  
ClientSampleId :  
MW-30MS

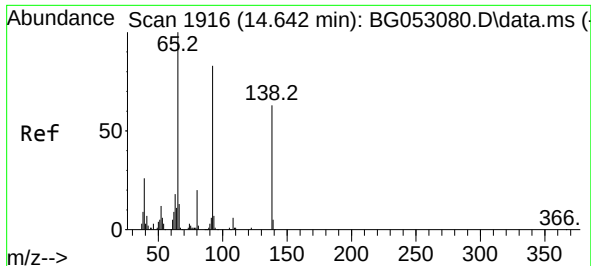
Tgt Ion:165 Resp: 59683  
Ion Ratio Lower Upper  
165 100  
63 68.9 43.7 65.5#  
89 64.1 45.0 67.4



#52  
Acenaphthene  
Concen: 38.190 ng  
RT: 14.793 min Scan# 1941  
Delta R.T. -0.006 min  
Lab File: BG053330.D  
Acq: 26 Apr 2022 21:27

Tgt Ion:154 Resp: 176196  
Ion Ratio Lower Upper  
154 100  
153 117.2 89.0 133.4  
152 55.5 40.5 60.7

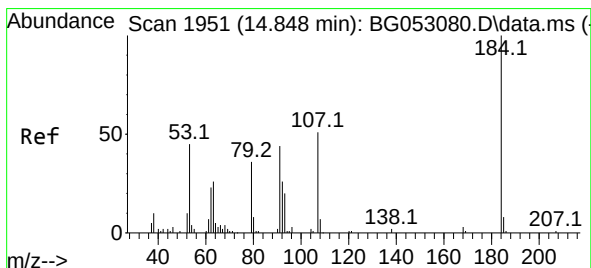
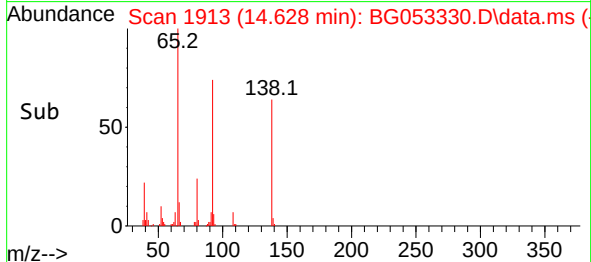
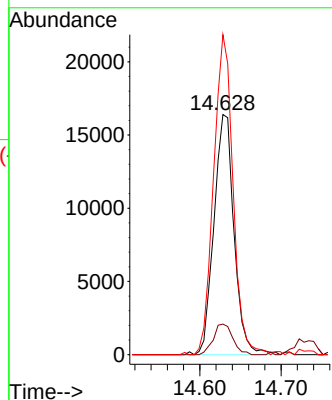
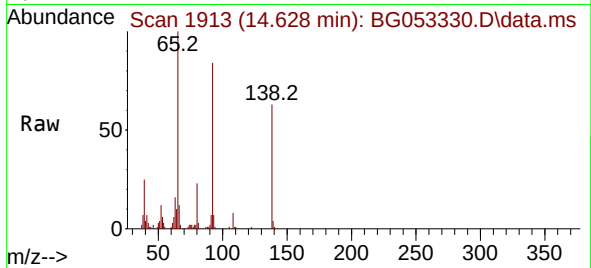




#53  
3-Nitroaniline  
Concen: 21.121 ng  
RT: 14.628 min Scan# 1916  
Delta R.T. -0.006 min  
Lab File: BG053330.D  
Acq: 26 Apr 2022 21:27

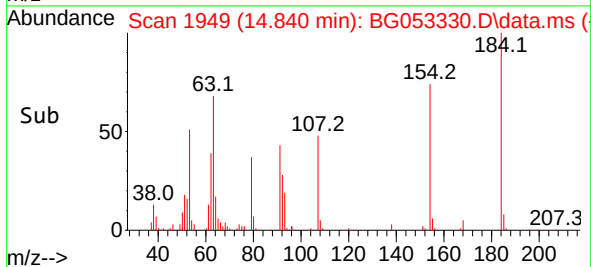
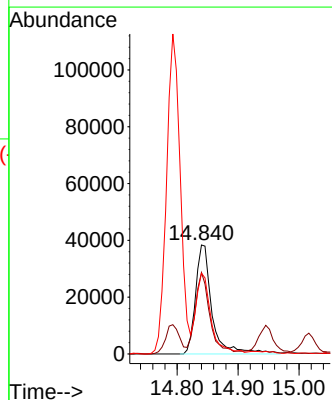
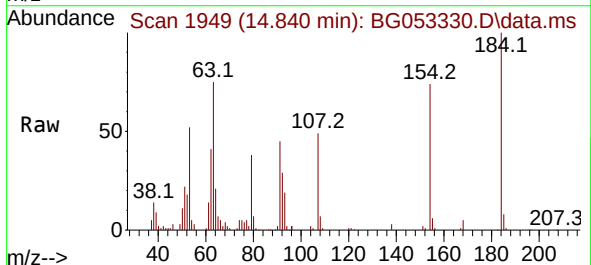
Instrument :  
BNA\_G  
ClientSampleId :  
MW-30MS

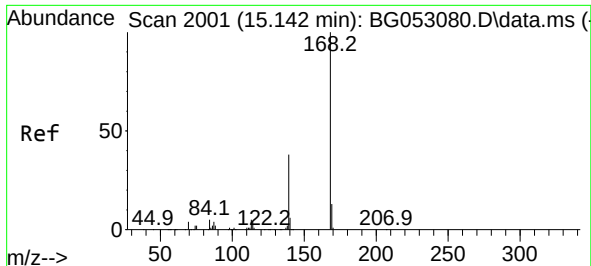
Tgt Ion:138 Resp: 28190  
Ion Ratio Lower Upper  
138 100  
108 12.7 8.0 12.0#  
92 133.2 96.2 144.2



#54  
2,4-Dinitrophenol  
Concen: 89.771 ng  
RT: 14.840 min Scan# 1949  
Delta R.T. -0.006 min  
Lab File: BG053330.D  
Acq: 26 Apr 2022 21:27

Tgt Ion:184 Resp: 72097  
Ion Ratio Lower Upper  
184 100  
63 74.7 51.8 77.6  
154 74.1 47.8 71.6#

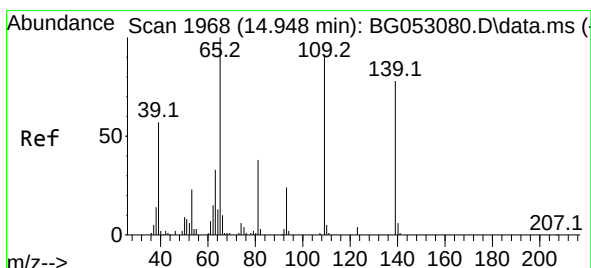
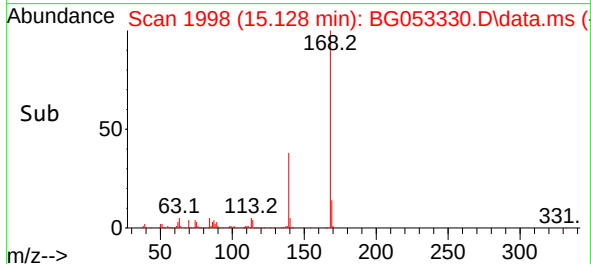
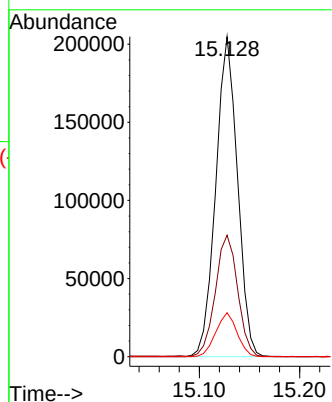
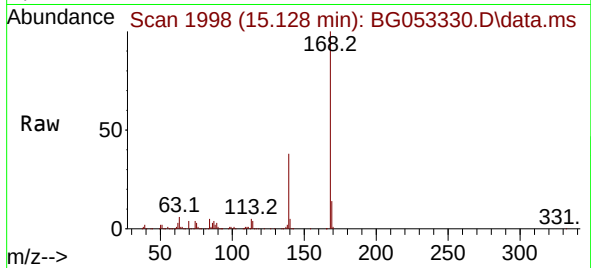




#55  
Dibenzenofuran  
Concen: 42.525 ng  
RT: 15.128 min Scan# 1998  
Delta R.T. -0.006 min  
Lab File: BG053330.D  
Acq: 26 Apr 2022 21:27

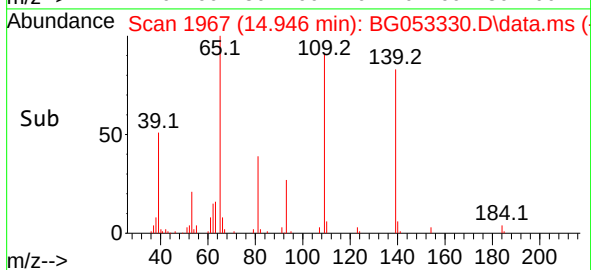
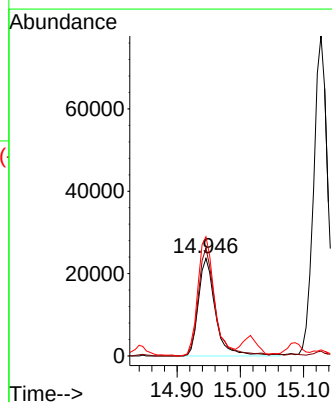
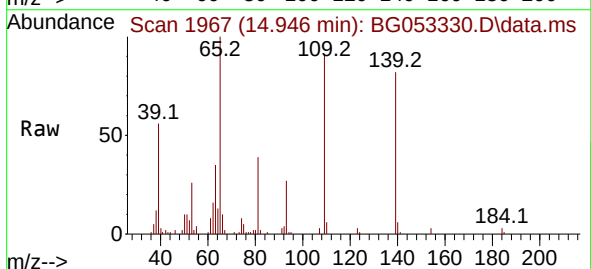
Instrument :  
BNA\_G  
ClientSampleId :  
MW-30MS

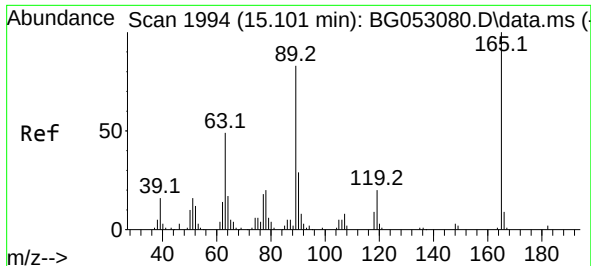
Tgt Ion:168 Resp: 307208  
Ion Ratio Lower Upper  
168 100  
139 37.9 30.2 45.4  
169 13.8 10.7 16.1



#56  
4-Nitrophenol  
Concen: 43.661 ng  
RT: 14.946 min Scan# 1967  
Delta R.T. 0.000 min  
Lab File: BG053330.D  
Acq: 26 Apr 2022 21:27

Tgt Ion:139 Resp: 44443  
Ion Ratio Lower Upper  
139 100  
109 110.6 67.1 107.1#  
65 122.1 88.2 128.2

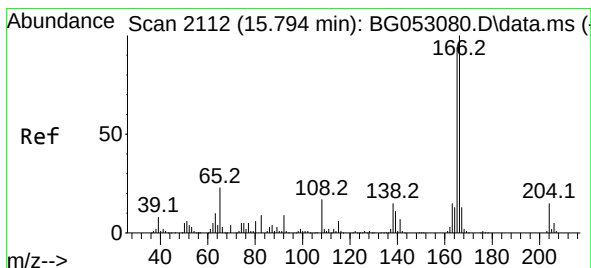
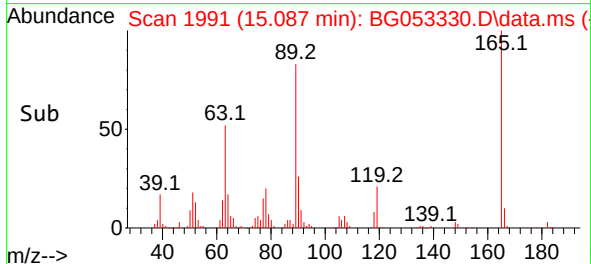
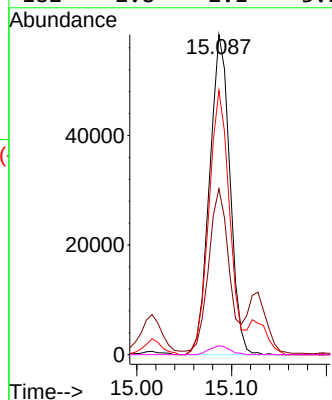
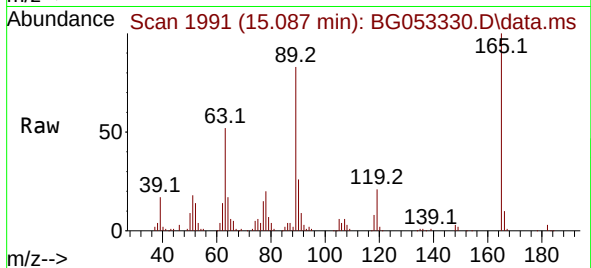




#57  
2,4-Dinitrotoluene  
Concen: 48.446 ng  
RT: 15.087 min Scan# 1994  
Delta R.T. -0.006 min  
Lab File: BG053330.D  
Acq: 26 Apr 2022 21:27

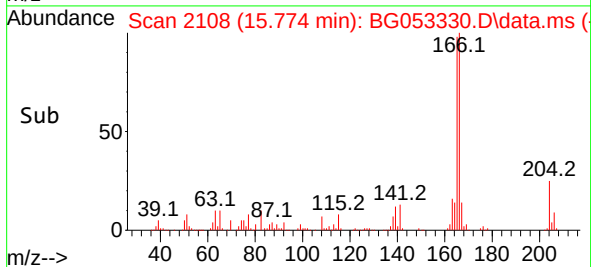
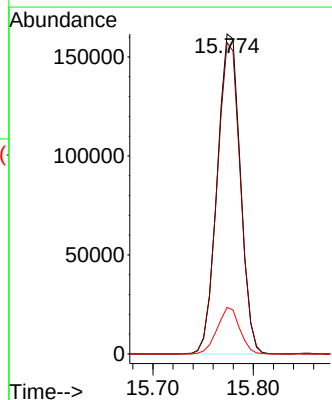
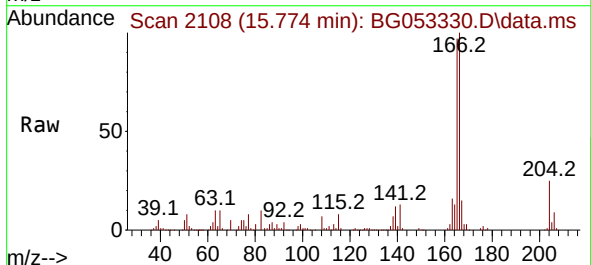
Instrument :  
BNA\_G  
ClientSampleId :  
MW-30MS

|             |       |             |
|-------------|-------|-------------|
| Tgt Ion:165 | Resp: | 87057       |
| Ion         | Ratio | Lower Upper |
| 165         | 100   |             |
| 63          | 51.9  | 34.8 52.2   |
| 89          | 82.5  | 57.4 86.0   |
| 182         | 2.8   | 2.1 3.1     |

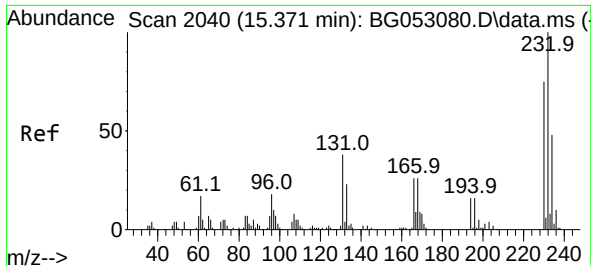


#58  
Fluorene  
Concen: 44.172 ng  
RT: 15.774 min Scan# 2108  
Delta R.T. -0.006 min  
Lab File: BG053330.D  
Acq: 26 Apr 2022 21:27

|             |       |             |
|-------------|-------|-------------|
| Tgt Ion:166 | Resp: | 257733      |
| Ion         | Ratio | Lower Upper |
| 166         | 100   |             |
| 165         | 97.3  | 78.6 117.8  |
| 167         | 14.5  | 10.9 16.3   |



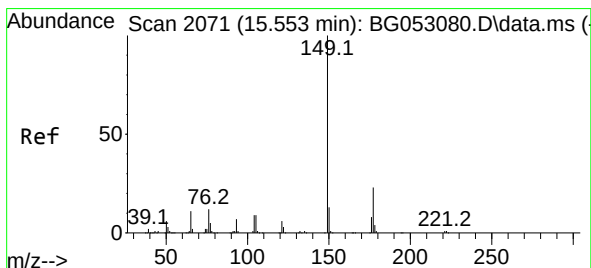
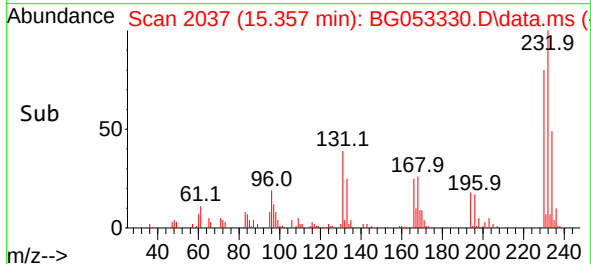
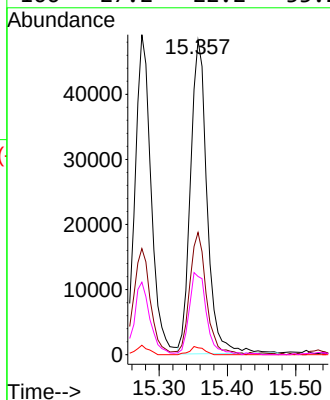
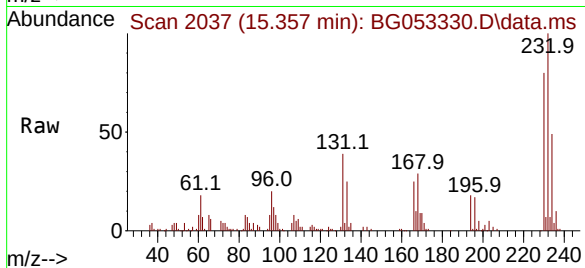




#59  
2,3,4,6-Tetrachlorophenol  
Concen: 44.275 ng  
RT: 15.357 min Scan# 2040  
Delta R.T. -0.006 min  
Lab File: BG053330.D  
Acq: 26 Apr 2022 21:27

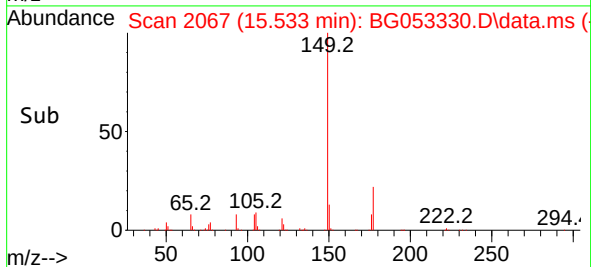
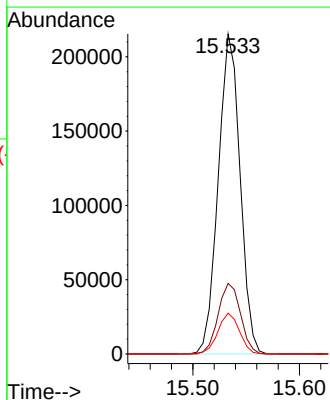
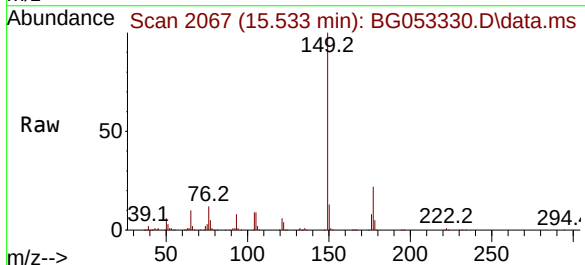
Instrument :  
BNA\_G  
ClientSampleId :  
MW-30MS

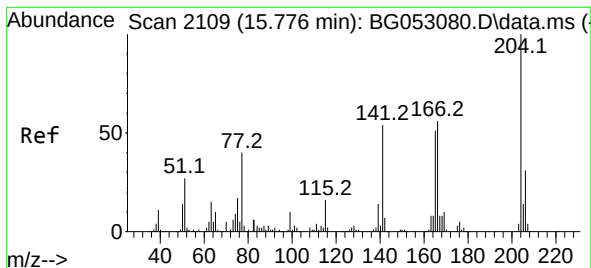
Tgt Ion:232 Resp: 81160  
Ion Ratio Lower Upper  
232 100  
131 39.4 30.1 45.1  
130 2.2 1.8 2.8  
166 27.2 22.2 33.2



#60  
Diethylphthalate  
Concen: 48.272 ng  
RT: 15.533 min Scan# 2067  
Delta R.T. -0.006 min  
Lab File: BG053330.D  
Acq: 26 Apr 2022 21:27

Tgt Ion:149 Resp: 306004  
Ion Ratio Lower Upper  
149 100  
177 22.0 18.2 27.2  
150 12.7 9.9 14.9

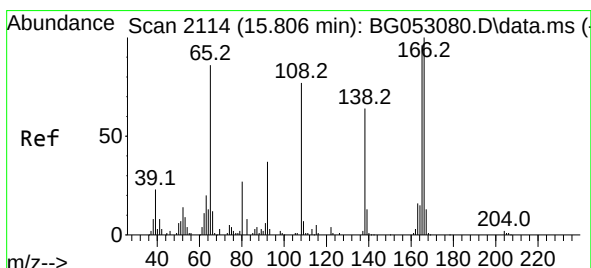
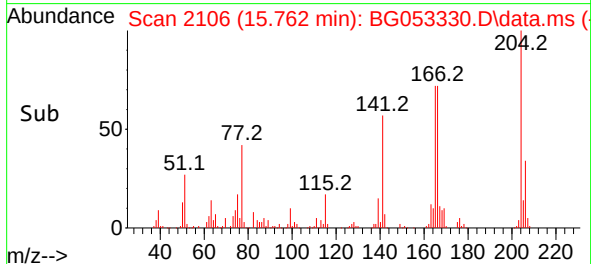
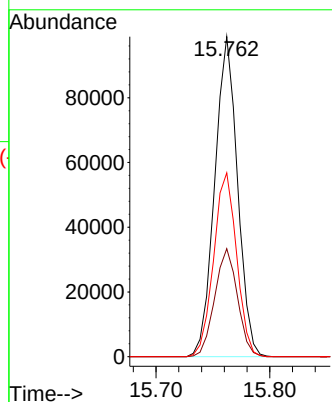
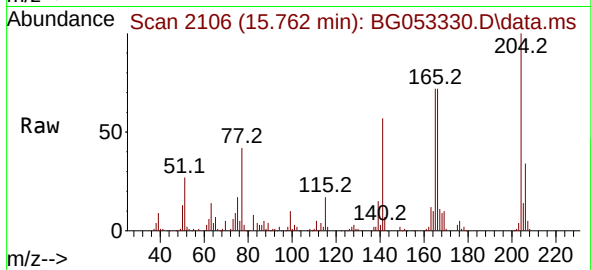




#61  
4-Chlorophenyl-phenylether  
Concen: 41.616 ng  
RT: 15.762 min Scan# 2106  
Delta R.T. -0.006 min  
Lab File: BG053330.D  
Acq: 26 Apr 2022 21:27

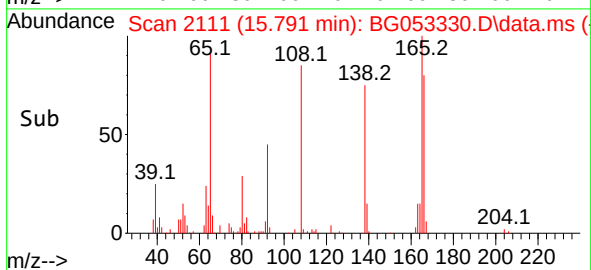
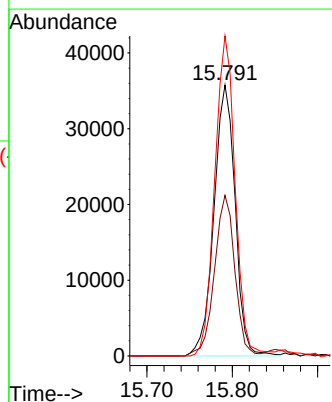
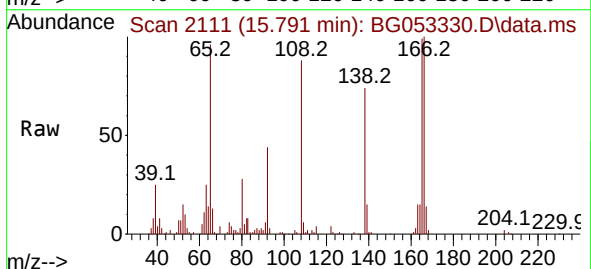
Instrument :  
BNA\_G  
ClientSampleId :  
MW-30MS

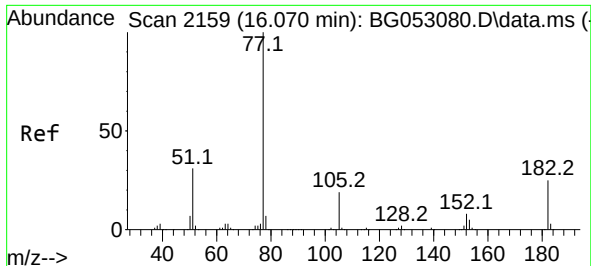
Tgt Ion:204 Resp: 137648  
Ion Ratio Lower Upper  
204 100  
206 33.8 28.3 42.5  
141 57.5 45.8 68.8



#62  
4-Nitroaniline  
Concen: 43.922 ng  
RT: 15.791 min Scan# 2111  
Delta R.T. -0.006 min  
Lab File: BG053330.D  
Acq: 26 Apr 2022 21:27

Tgt Ion:138 Resp: 61858  
Ion Ratio Lower Upper  
138 100  
92 59.3 33.3 73.3  
108 118.0 74.2 114.2#

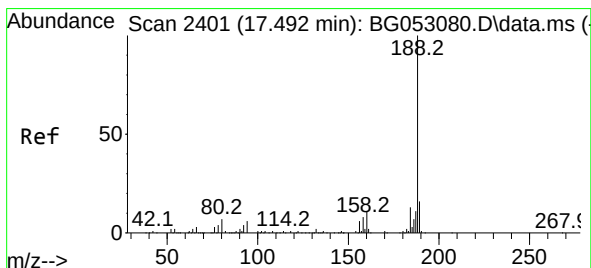
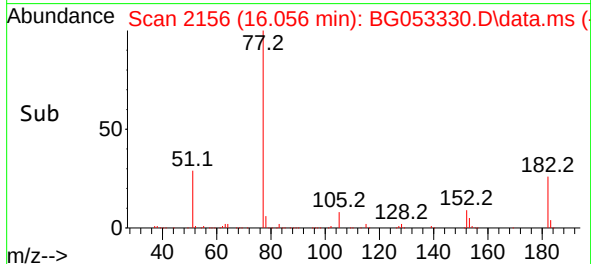
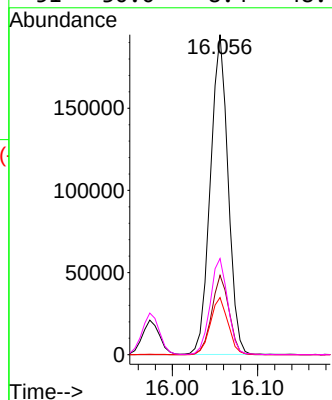
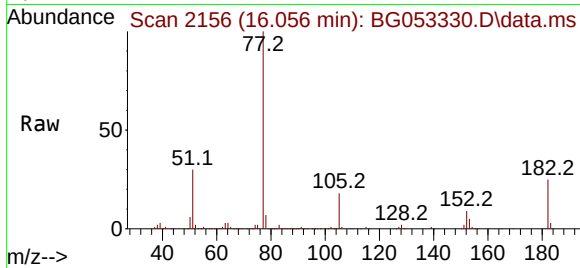




#63  
Azobenzene  
Concen: 43.752 ng  
RT: 16.056 min Scan# 2156  
Delta R.T. -0.006 min  
Lab File: BG053330.D  
Acq: 26 Apr 2022 21:27

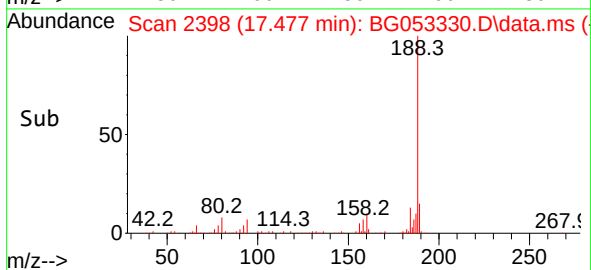
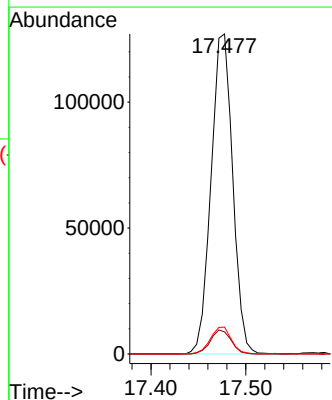
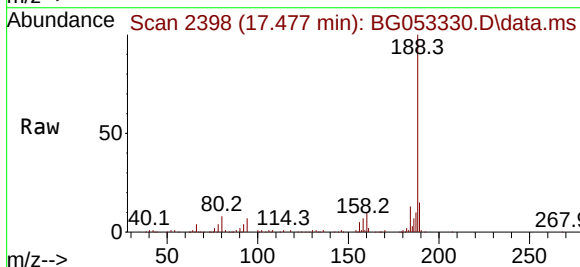
Instrument :  
BNA\_G  
ClientSampleId :  
MW-30MS

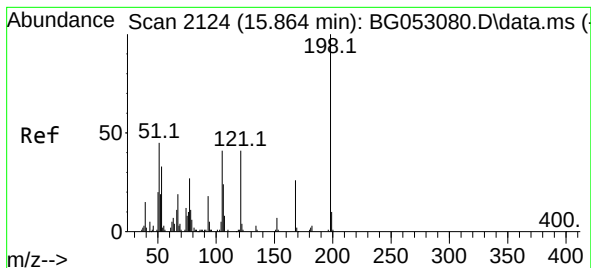
|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 77    | Resp: | 279634 |
| Ion      | Ratio | Lower | Upper  |
| 77       | 100   |       |        |
| 182      | 24.8  | 5.6   | 45.6   |
| 105      | 17.9  | 0.0   | 38.8   |
| 51       | 30.0  | 8.4   | 48.4   |



#64  
Phenanthrene-d10  
Concen: 20.000 ng  
RT: 17.477 min Scan# 2398  
Delta R.T. -0.006 min  
Lab File: BG053330.D  
Acq: 26 Apr 2022 21:27

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 188   | Resp: | 201238 |
| Ion      | Ratio | Lower | Upper  |
| 188      | 100   |       |        |
| 94       | 6.9   | 5.7   | 8.5    |
| 80       | 8.4   | 7.2   | 10.8   |

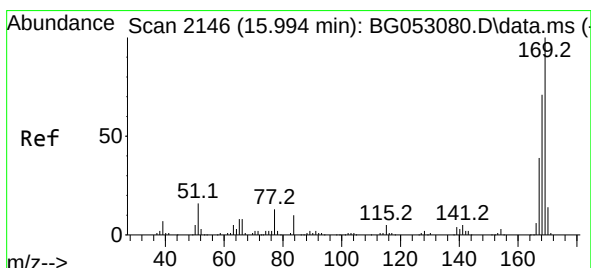
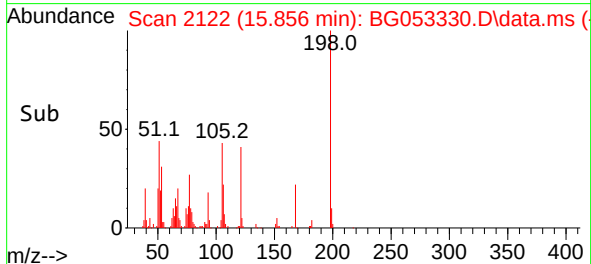
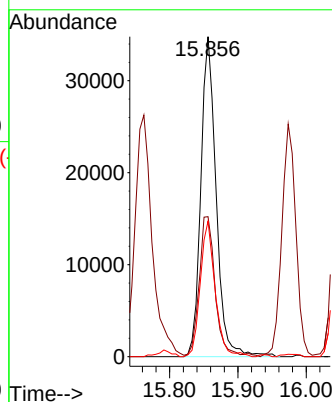
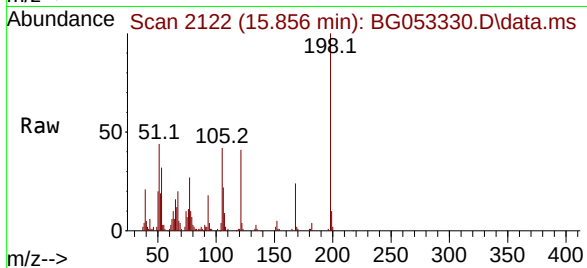




#65  
 4,6-Dinitro-2-methylphenol  
 Concen: 38.714 ng  
 RT: 15.856 min Scan# 2122  
 Delta R.T. -0.006 min  
 Lab File: BG053330.D  
 Acq: 26 Apr 2022 21:27

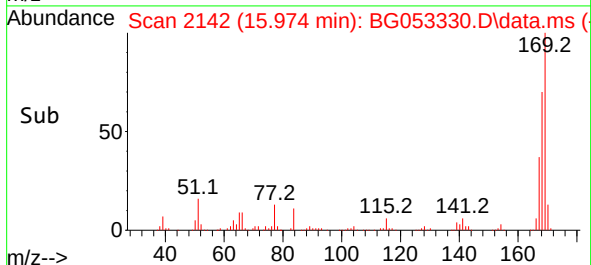
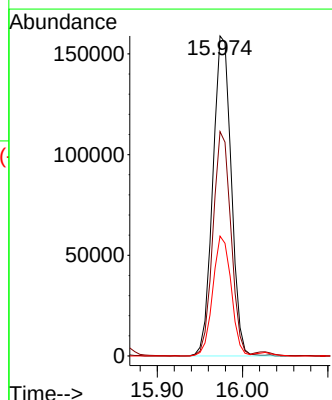
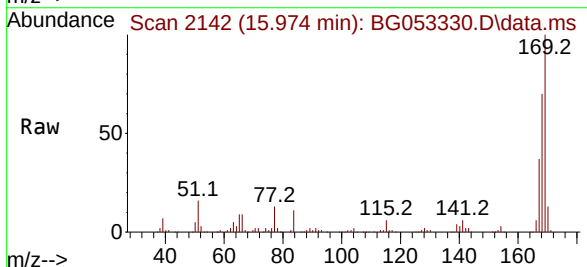
Instrument :  
 BNA\_G  
 ClientSampleId :  
 MW-30MS

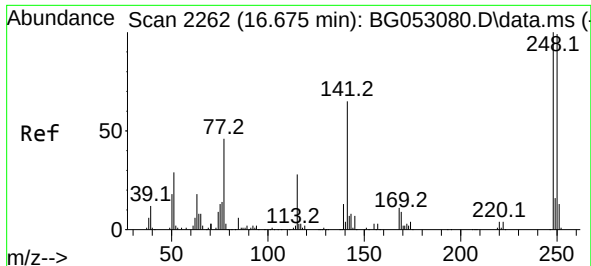
Tgt Ion:198 Resp: 54354  
 Ion Ratio Lower Upper  
 198 100  
 51 43.8 21.7 61.7  
 105 42.4 20.8 60.8



#66  
 n-Nitrosodiphenylamine  
 Concen: 41.173 ng  
 RT: 15.974 min Scan# 2142  
 Delta R.T. -0.012 min  
 Lab File: BG053330.D  
 Acq: 26 Apr 2022 21:27

Tgt Ion:169 Resp: 238267  
 Ion Ratio Lower Upper  
 169 100  
 168 70.1 54.5 81.7  
 167 37.4 29.6 44.4

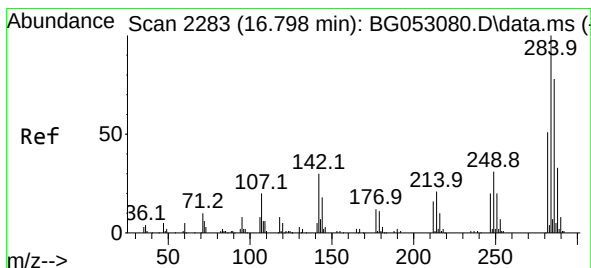
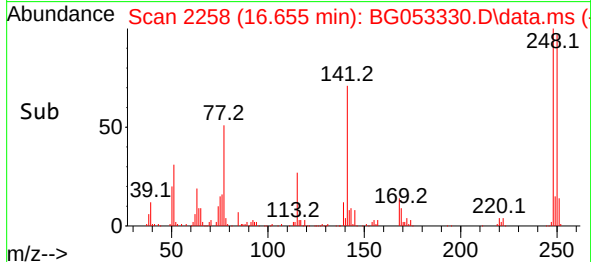
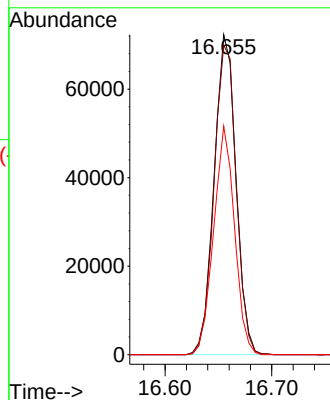
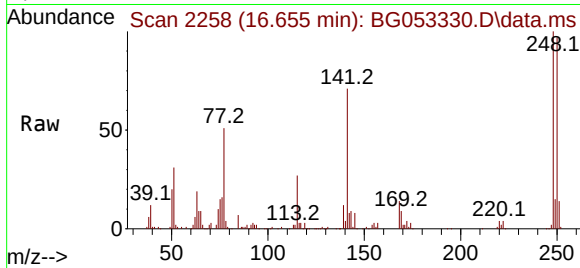




#67  
4-Bromophenyl-phenylether  
Concen: 40.011 ng  
RT: 16.655 min Scan# 21  
Delta R.T. -0.006 min  
Lab File: BG053330.D  
Acq: 26 Apr 2022 21:27

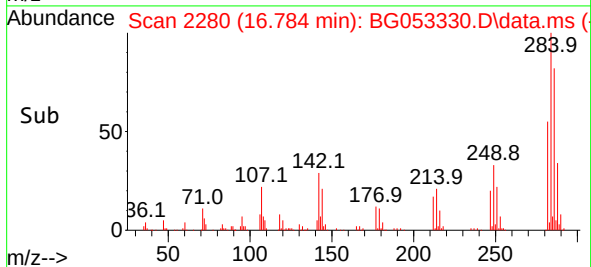
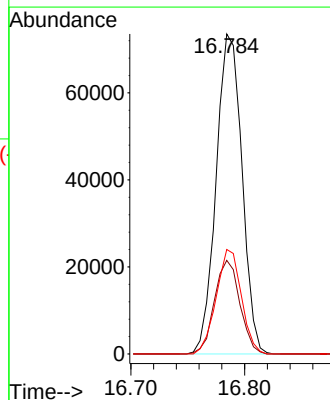
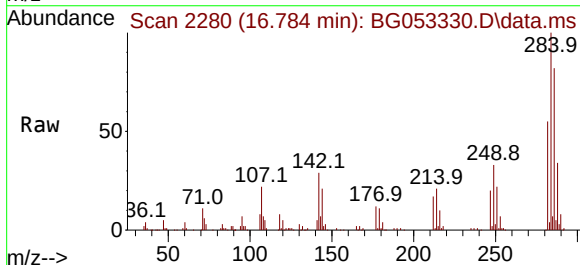
Instrument :  
BNA\_G  
ClientSampleId :  
MW-30MS

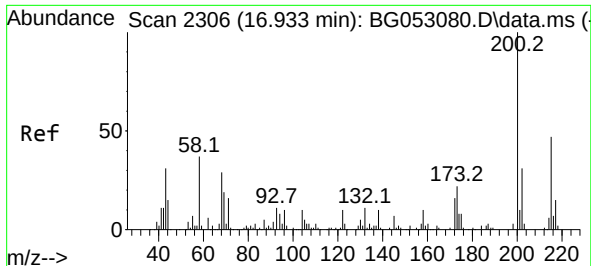
Tgt Ion:248 Resp: 103172  
Ion Ratio Lower Upper  
248 100  
250 96.7 77.9 116.9  
141 71.4 49.2 73.8



#68  
Hexachlorobenzene  
Concen: 41.586 ng  
RT: 16.784 min Scan# 2280  
Delta R.T. -0.006 min  
Lab File: BG053330.D  
Acq: 26 Apr 2022 21:27

Tgt Ion:284 Resp: 116127  
Ion Ratio Lower Upper  
284 100  
142 29.3 21.0 31.4  
249 32.7 22.7 34.1

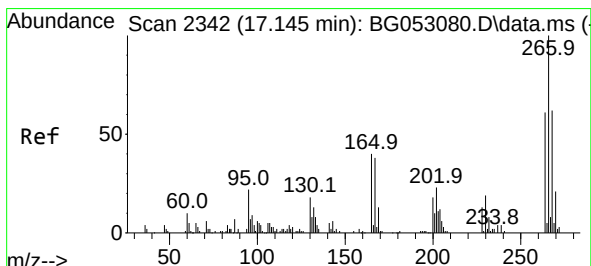
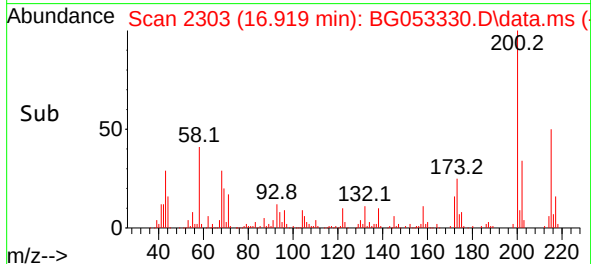
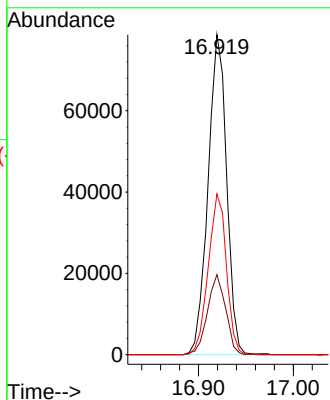
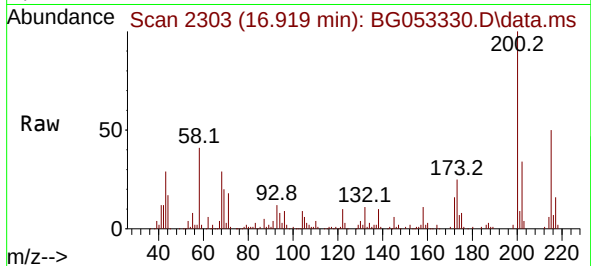




#69  
 Atrazine  
 Concen: 47.451 ng  
 RT: 16.919 min Scan# 21  
 Delta R.T. -0.006 min  
 Lab File: BG053330.D  
 Acq: 26 Apr 2022 21:27

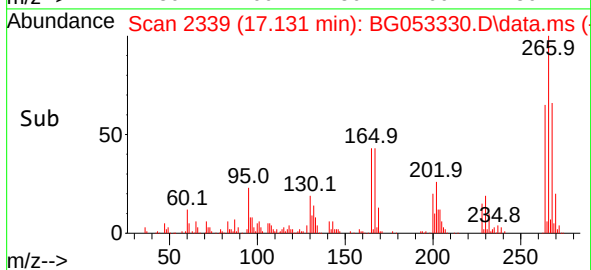
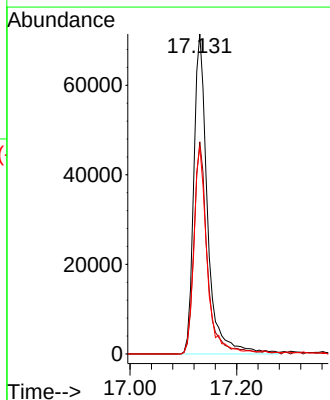
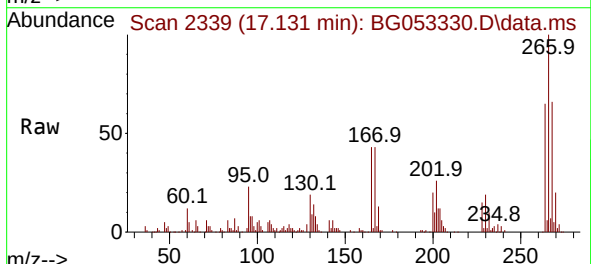
Instrument :  
 BNA\_G  
 ClientSampleId :  
 MW-30MS

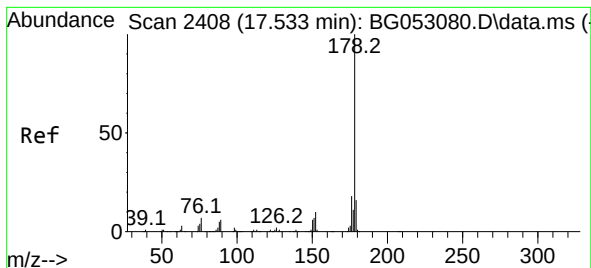
Tgt Ion:200 Resp: 107263  
 Ion Ratio Lower Upper  
 200 100  
 173 25.0 3.8 43.8  
 215 50.2 26.3 66.3



#70  
 Pentachlorophenol  
 Concen: 84.123 ng  
 RT: 17.131 min Scan# 2339  
 Delta R.T. -0.006 min  
 Lab File: BG053330.D  
 Acq: 26 Apr 2022 21:27

Tgt Ion:266 Resp: 128385  
 Ion Ratio Lower Upper  
 266 100  
 268 66.3 45.9 68.9  
 264 64.8 45.3 67.9





#71

Phenanthrene

Concen: 42.452 ng

RT: 17.519 min Scan# 24

Delta R.T. -0.006 min

Lab File: BG053330.D

Acq: 26 Apr 2022 21:27

Instrument :

BNA\_G

ClientSampleId :

MW-30MS

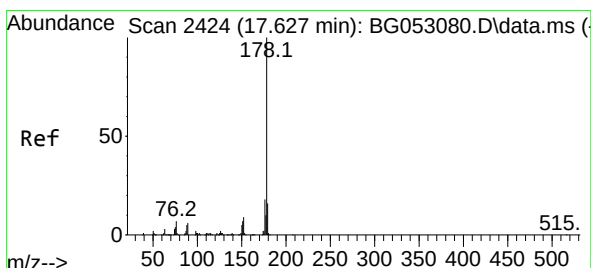
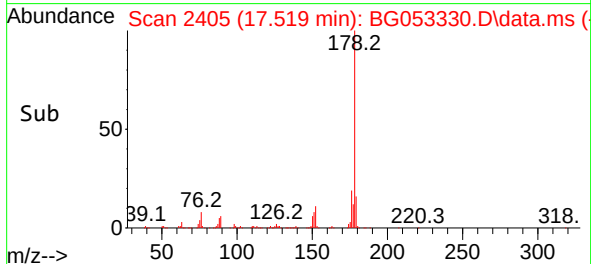
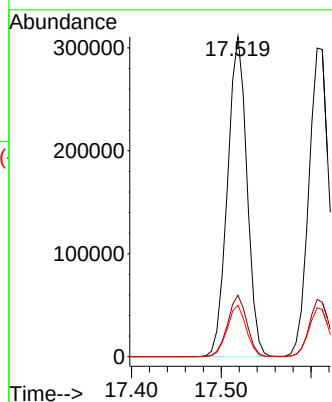
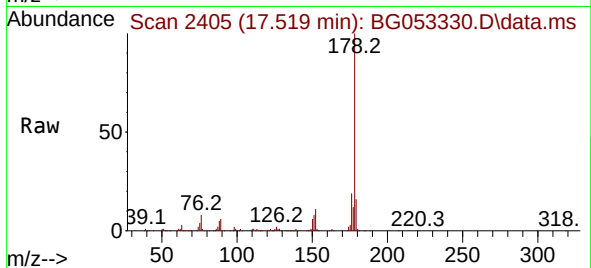
Tgt Ion:178 Resp: 466635

Ion Ratio Lower Upper

178 100

176 19.2 15.9 23.9

179 16.0 13.4 20.2



#72

Anthracene

Concen: 43.015 ng

RT: 17.607 min Scan# 2420

Delta R.T. -0.006 min

Lab File: BG053330.D

Acq: 26 Apr 2022 21:27

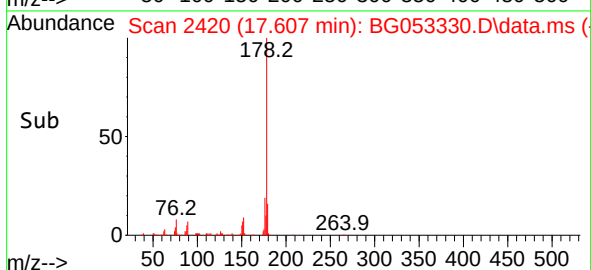
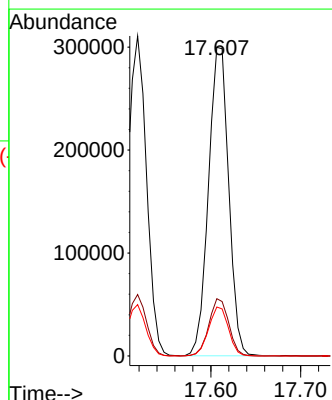
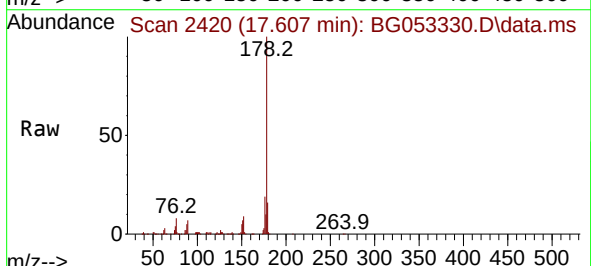
Tgt Ion:178 Resp: 468415

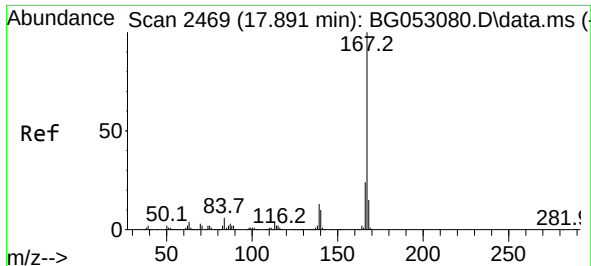
Ion Ratio Lower Upper

178 100

176 18.5 14.7 22.1

179 15.9 13.2 19.8

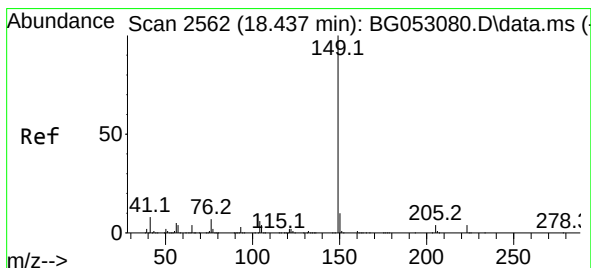
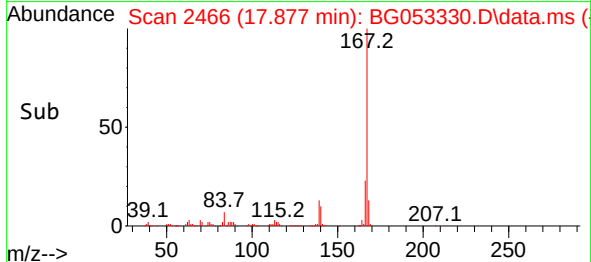
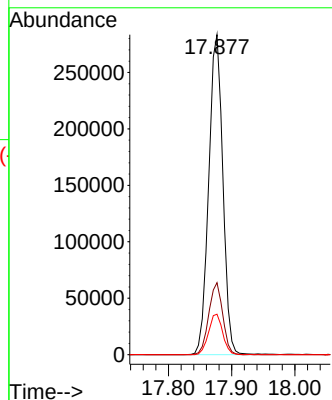
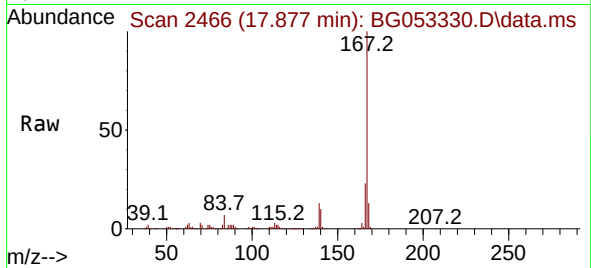




#73  
 Carbazole  
 Concen: 41.541 ng  
 RT: 17.877 min Scan# 2466  
 Delta R.T. -0.006 min  
 Lab File: BG053330.D  
 Acq: 26 Apr 2022 21:27

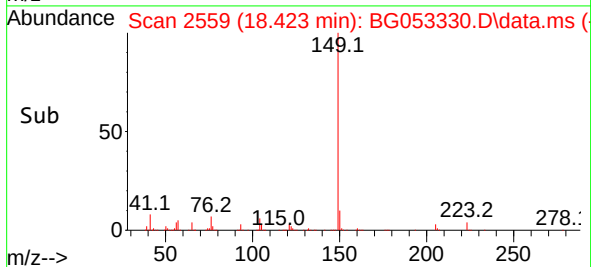
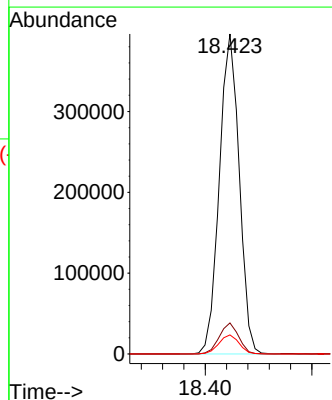
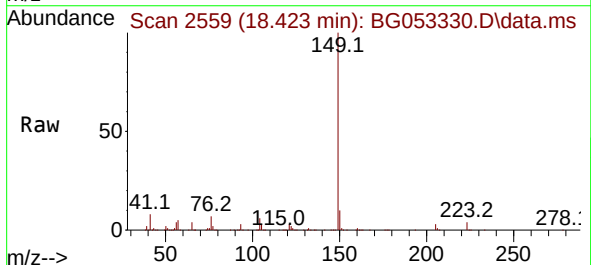
Instrument :  
 BNA\_G  
 ClientSampleId :  
 MW-30MS

Tgt Ion:167 Resp: 439728  
 Ion Ratio Lower Upper  
 167 100  
 166 22.5 18.5 27.7  
 139 12.7 10.0 15.0

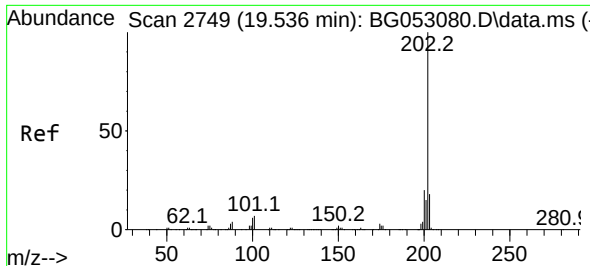


#74  
 Di-n-butylphthalate  
 Concen: 42.554 ng  
 RT: 18.423 min Scan# 2559  
 Delta R.T. -0.006 min  
 Lab File: BG053330.D  
 Acq: 26 Apr 2022 21:27

Tgt Ion:149 Resp: 510878  
 Ion Ratio Lower Upper  
 149 100  
 150 9.7 7.0 10.6  
 104 6.0 4.6 7.0

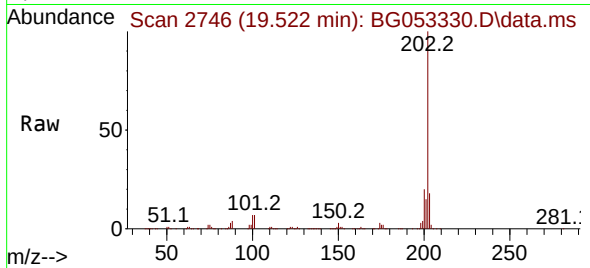




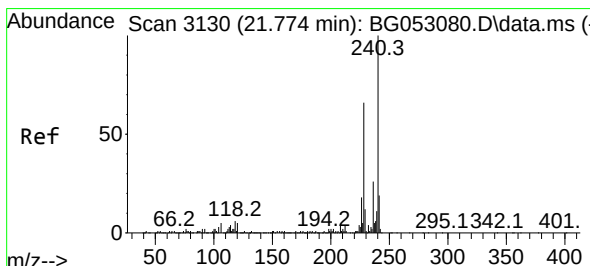
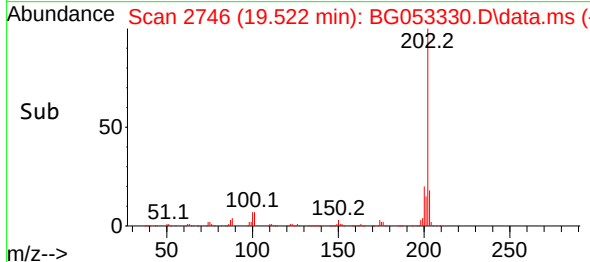
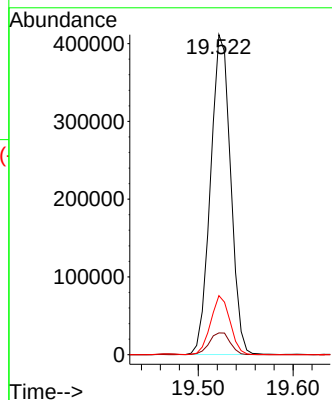


#75  
Fluoranthene  
Concen: 42.845 ng  
RT: 19.522 min Scan# 21  
Delta R.T. -0.006 min  
Lab File: BG053330.D  
Acq: 26 Apr 2022 21:27

Instrument :  
BNA\_G  
ClientSampleId :  
MW-30MS

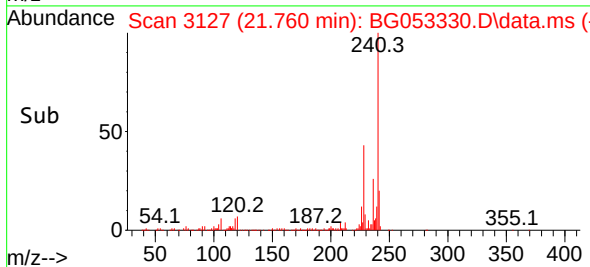
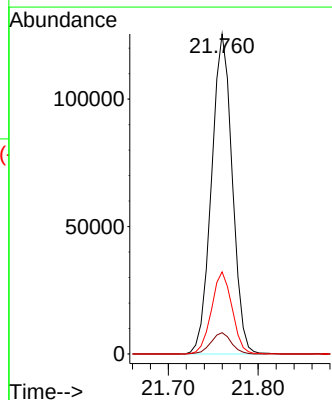
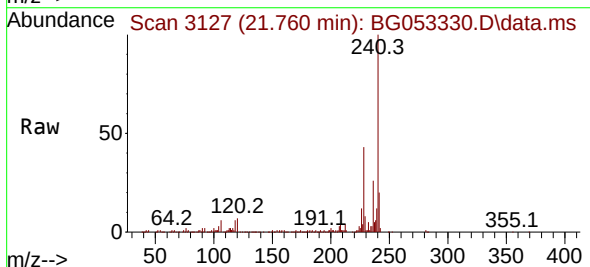


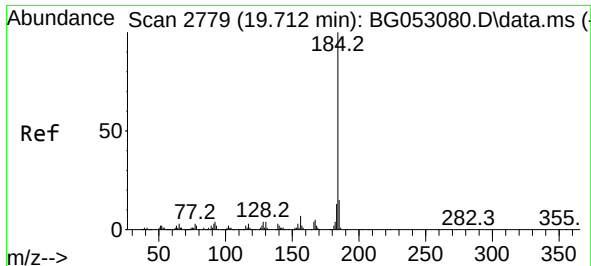
Tgt Ion:202 Resp: 603679  
Ion Ratio Lower Upper  
202 100  
101 6.8 0.0 27.3  
203 18.4 0.0 37.7



#76  
Chrysene-d12  
Concen: 20.000 ng  
RT: 21.760 min Scan# 3127  
Delta R.T. -0.006 min  
Lab File: BG053330.D  
Acq: 26 Apr 2022 21:27

Tgt Ion:240 Resp: 201503  
Ion Ratio Lower Upper  
240 100  
120 6.7 5.4 8.0  
236 25.7 19.8 29.6

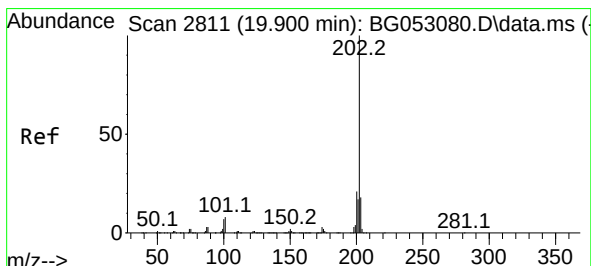
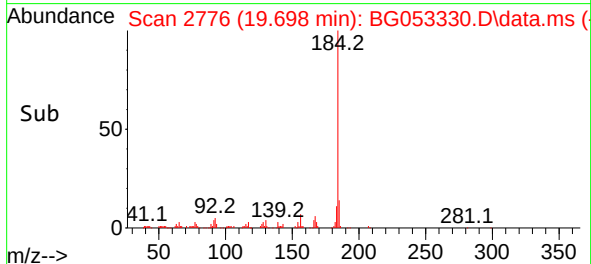
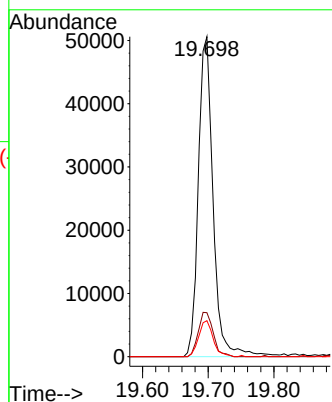
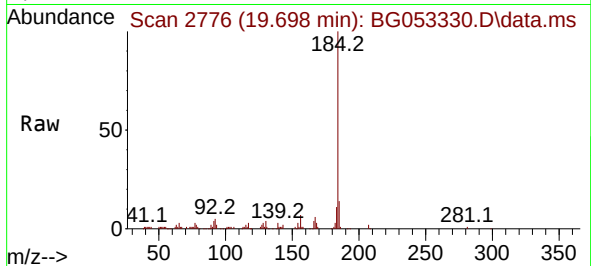




#77  
Benzidine  
Concen: 13.809 ng  
RT: 19.698 min Scan# 21  
Delta R.T. -0.006 min  
Lab File: BG053330.D  
Acq: 26 Apr 2022 21:27

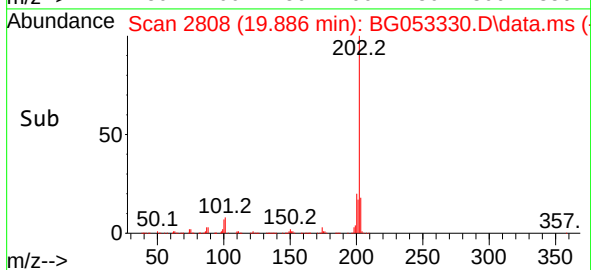
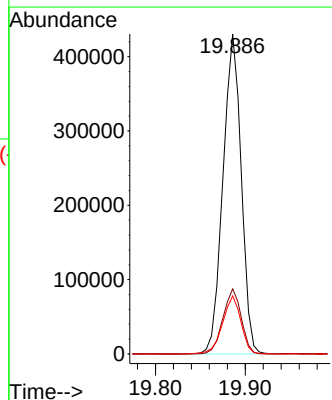
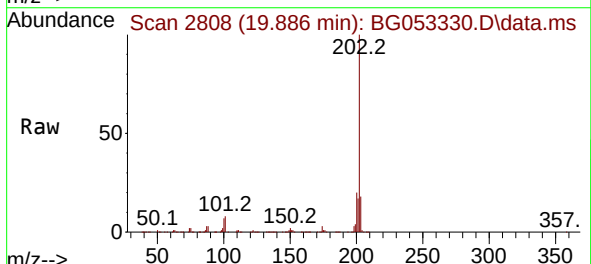
Instrument :  
BNA\_G  
ClientSampleId :  
MW-30MS

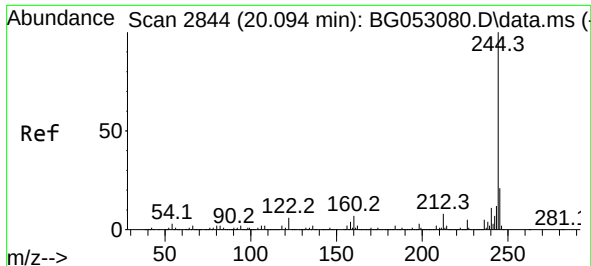
Tgt Ion:184 Resp: 79390  
Ion Ratio Lower Upper  
184 100  
185 13.8 11.5 17.3  
183 11.3 9.4 14.2



#78  
Pyrene  
Concen: 42.329 ng  
RT: 19.886 min Scan# 2808  
Delta R.T. -0.006 min  
Lab File: BG053330.D  
Acq: 26 Apr 2022 21:27

Tgt Ion:202 Resp: 607466  
Ion Ratio Lower Upper  
202 100  
200 20.4 17.0 25.6  
203 18.2 15.0 22.6

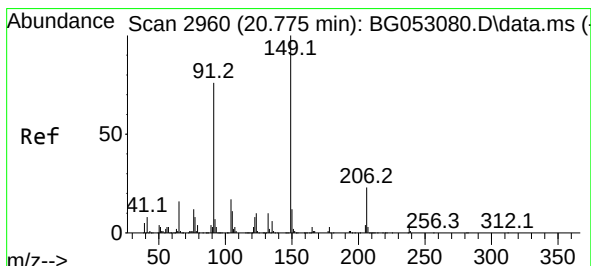
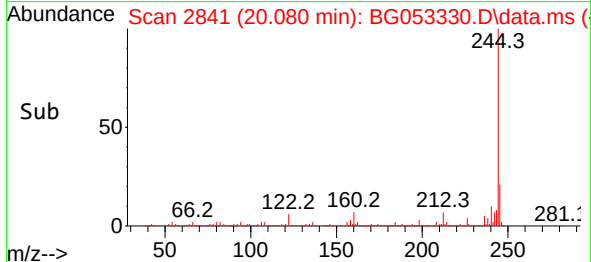
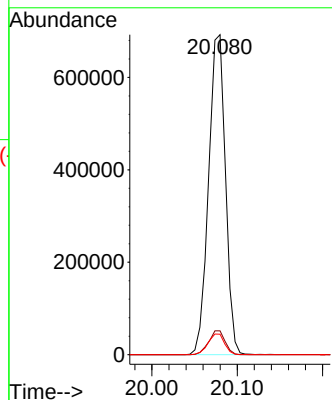
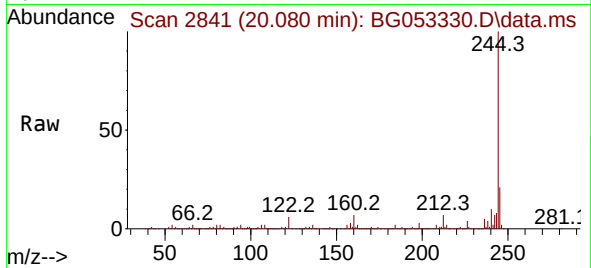




#79  
 Terphenyl-d14  
 Concen: 79.739 ng  
 RT: 20.080 min Scan# 21  
 Delta R.T. -0.006 min  
 Lab File: BG053330.D  
 Acq: 26 Apr 2022 21:27

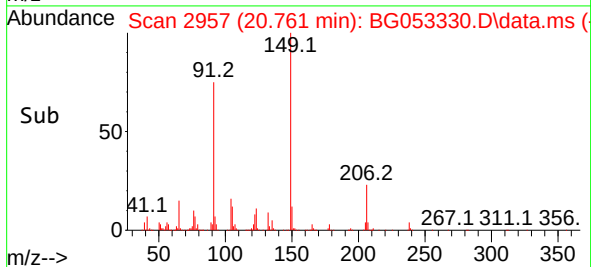
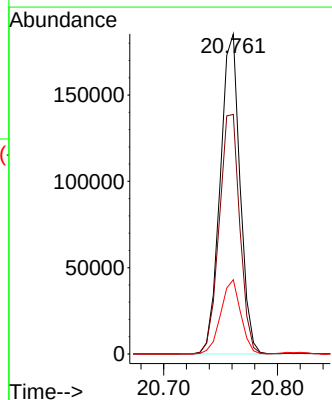
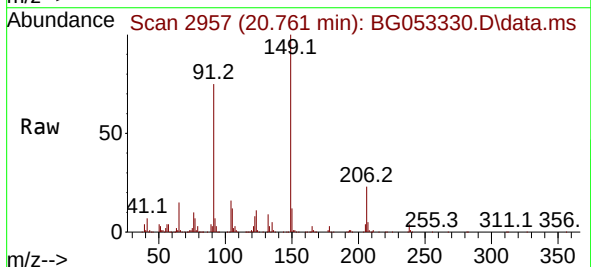
Instrument :  
 BNA\_G  
 ClientSampleId :  
 MW-30MS

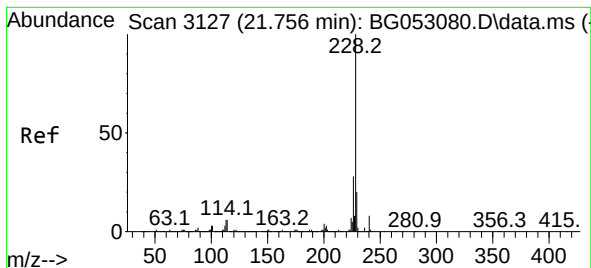
Tgt Ion:244 Resp: 951370  
 Ion Ratio Lower Upper  
 244 100  
 212 7.4 5.4 8.2  
 122 6.4 5.8 8.6



#80  
 Butylbenzylphthalate  
 Concen: 41.981 ng  
 RT: 20.761 min Scan# 2957  
 Delta R.T. -0.006 min  
 Lab File: BG053330.D  
 Acq: 26 Apr 2022 21:27

Tgt Ion:149 Resp: 224610  
 Ion Ratio Lower Upper  
 149 100  
 91 74.8 60.2 90.4  
 206 23.2 19.4 29.2





#81

Benzo(a)anthracene

Concen: 43.145 ng

RT: 21.742 min Scan# 31

Delta R.T. -0.006 min

Lab File: BG053330.D

Acq: 26 Apr 2022 21:27

Instrument :

BNA\_G

ClientSampleId :

MW-30MS

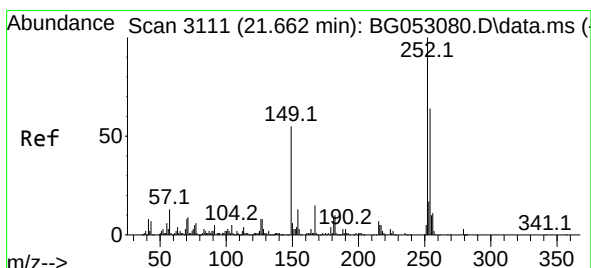
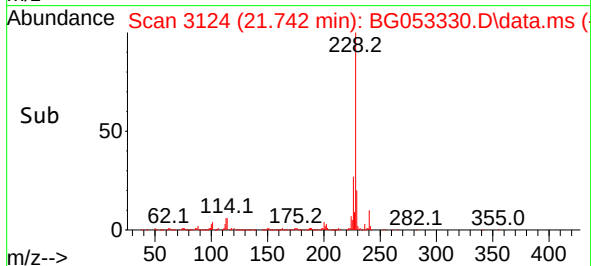
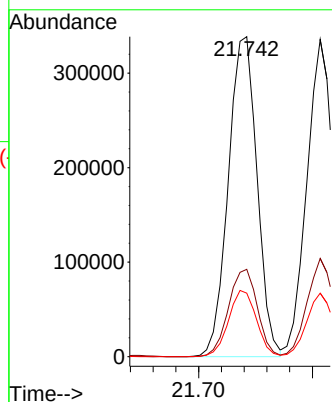
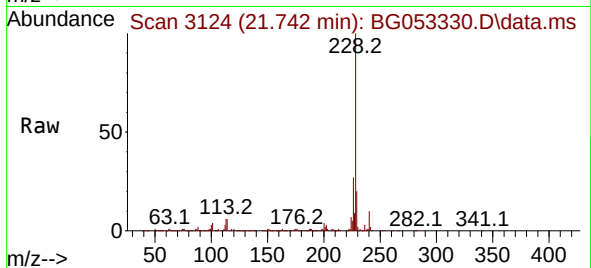
Tgt Ion:228 Resp: 594429

Ion Ratio Lower Upper

228 100

226 27.3 21.4 32.0

229 19.9 16.7 25.1



#82

3,3'-Dichlorobenzidine

Concen: 24.670 ng

RT: 21.648 min Scan# 3108

Delta R.T. -0.006 min

Lab File: BG053330.D

Acq: 26 Apr 2022 21:27

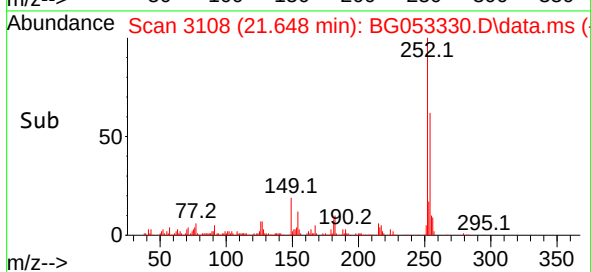
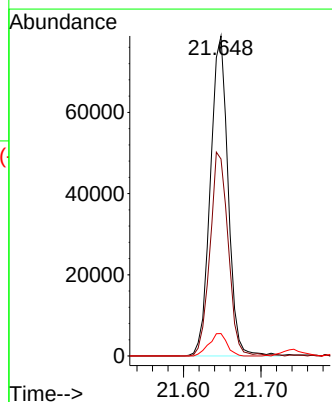
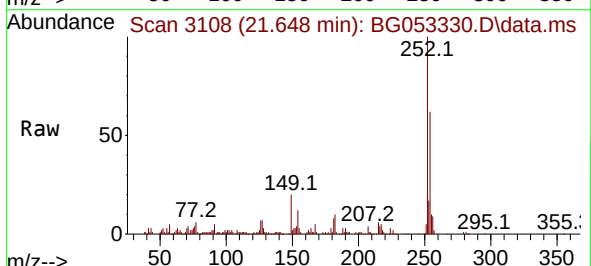
Tgt Ion:252 Resp: 124998

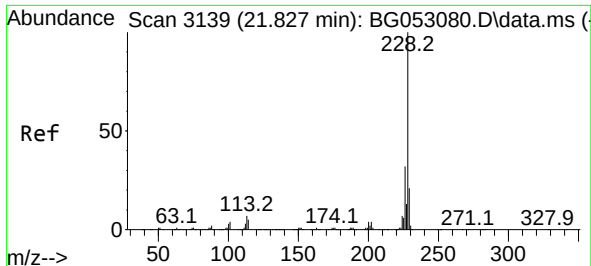
Ion Ratio Lower Upper

252 100

254 61.6 51.2 76.8

126 7.0 5.8 8.8





#83

Chrysene

Concen: 42.783 ng

RT: 21.807 min Scan# 3135

Delta R.T. -0.006 min

Lab File: BG053330.D

Acq: 26 Apr 2022 21:27

Instrument :

BNA\_G

ClientSampleId :

MW-30MS

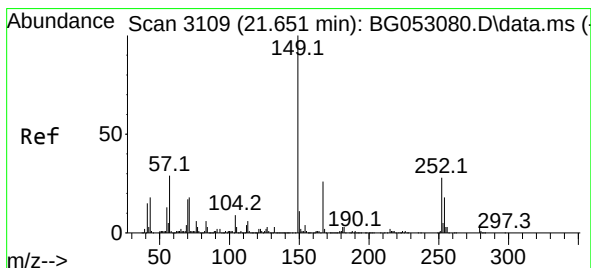
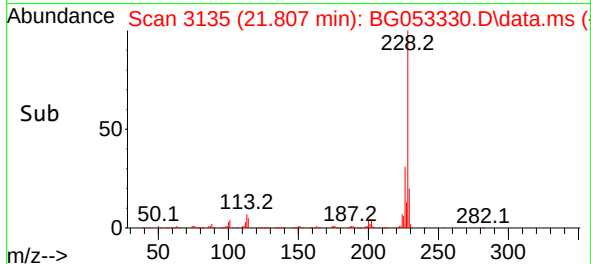
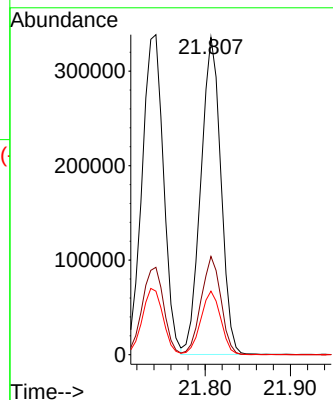
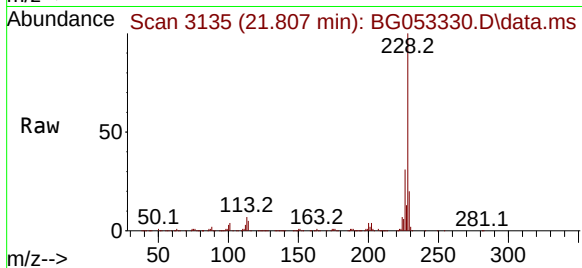
Tgt Ion:228 Resp: 547034

Ion Ratio Lower Upper

228 100

226 31.0 24.2 36.4

229 20.0 16.3 24.5



#84

Bis(2-ethylhexyl)phthalate

Concen: 44.027 ng

RT: 21.631 min Scan# 3105

Delta R.T. -0.006 min

Lab File: BG053330.D

Acq: 26 Apr 2022 21:27

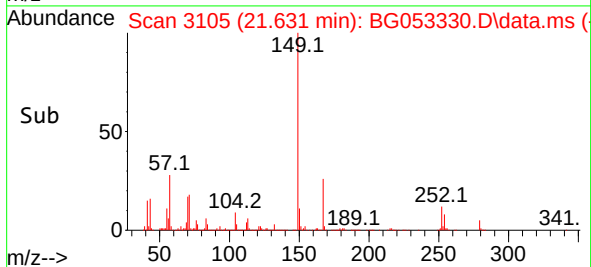
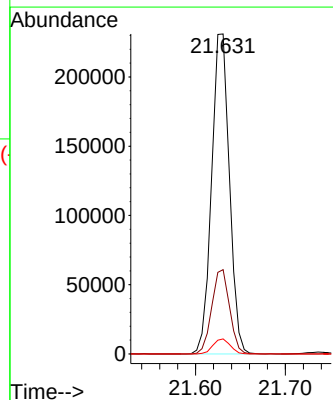
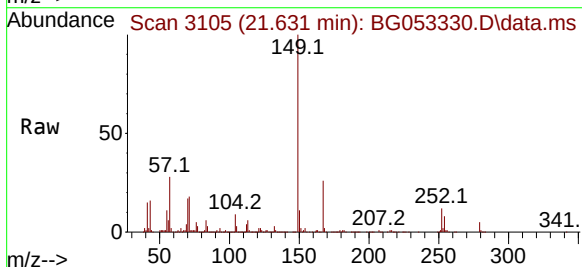
Tgt Ion:149 Resp: 318403

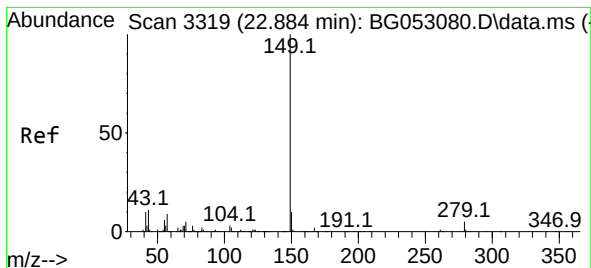
Ion Ratio Lower Upper

149 100

167 26.4 21.4 32.2

279 4.7 3.8 5.8





#85

Di-n-octyl phthalate

Concen: 44.596 ng

RT: 22.858 min Scan# 31

Delta R.T. -0.012 min

Lab File: BG053330.D

Acq: 26 Apr 2022 21:27

Instrument :

BNA\_G

ClientSampleId :

MW-30MS

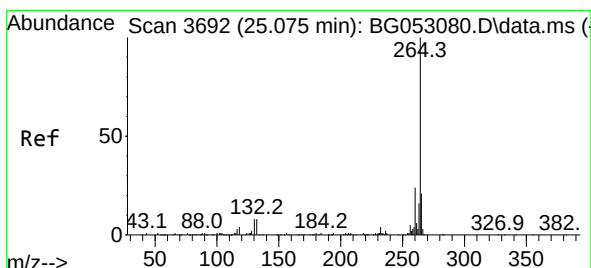
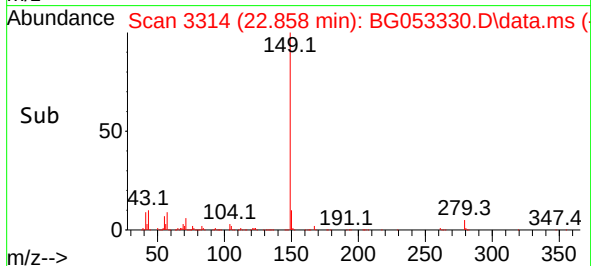
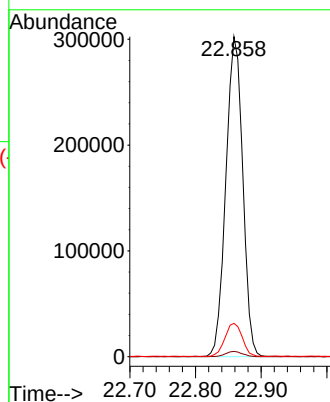
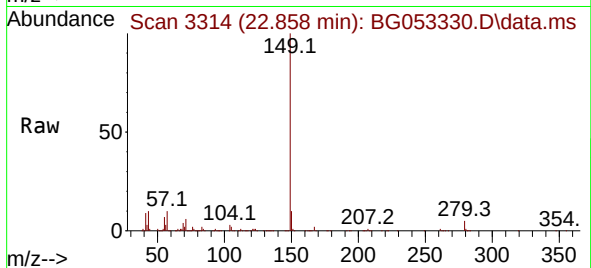
Tgt Ion:149 Resp: 539402

Ion Ratio Lower Upper

149 100

167 1.7 1.2 1.8

43 10.6 7.6 11.4



#86

Perylene-d12

Concen: 20.000 ng

RT: 25.050 min Scan# 3687

Delta R.T. -0.012 min

Lab File: BG053330.D

Acq: 26 Apr 2022 21:27

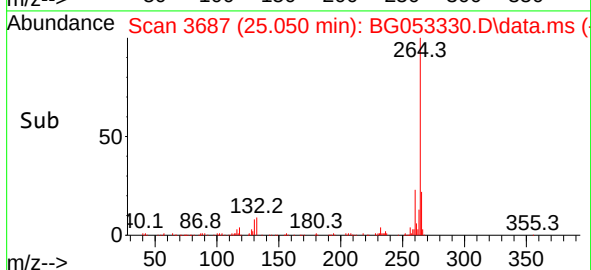
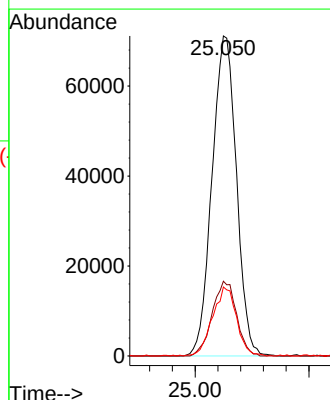
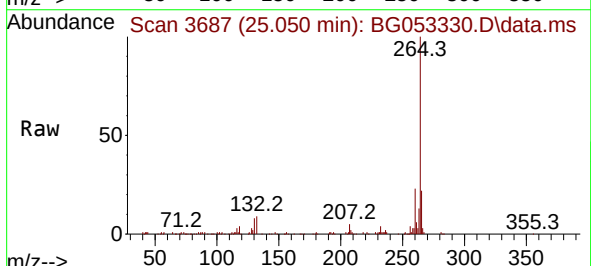
Tgt Ion:264 Resp: 211996

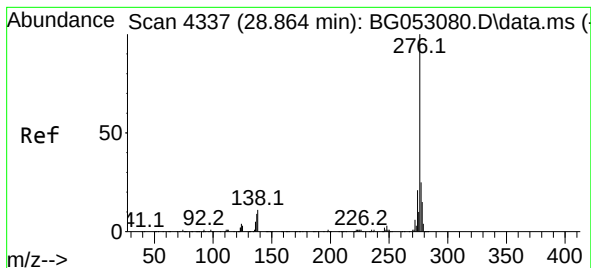
Ion Ratio Lower Upper

264 100

260 23.4 18.2 27.2

265 21.5 15.1 22.7





#87

Indeno(1,2,3-cd)pyrene

Concen: 42.096 ng

RT: 28.827 min Scan# 41

Delta R.T. -0.023 min

Lab File: BG053330.D

Acq: 26 Apr 2022 21:27

Instrument :

BNA\_G

ClientSampleId :

MW-30MS

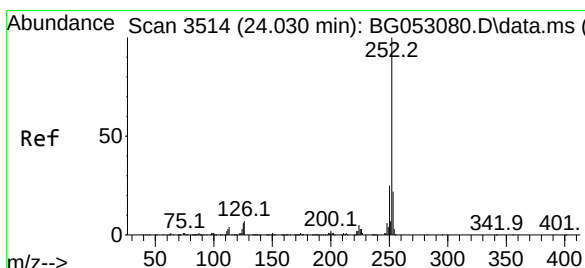
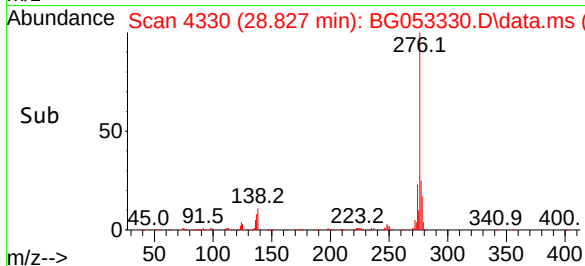
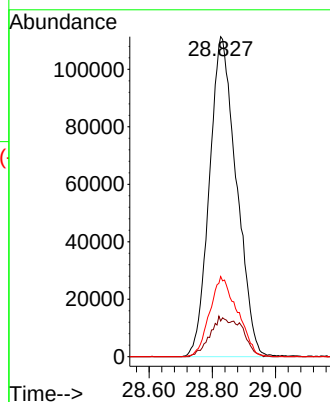
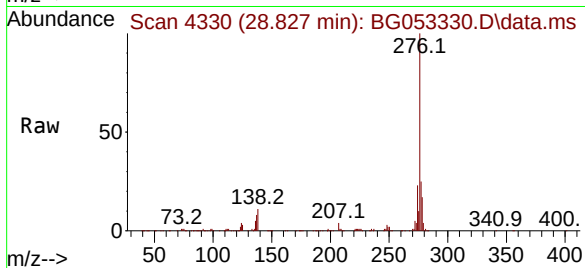
Tgt Ion:276 Resp: 663011

Ion Ratio Lower Upper

276 100

138 8.8 8.7 13.1

277 25.6 20.2 30.4



#88

Benzo(b)fluoranthene

Concen: 46.043 ng

RT: 24.010 min Scan# 3510

Delta R.T. -0.012 min

Lab File: BG053330.D

Acq: 26 Apr 2022 21:27

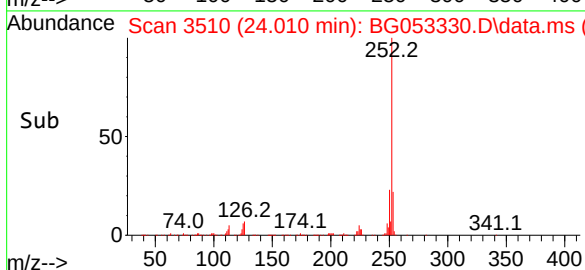
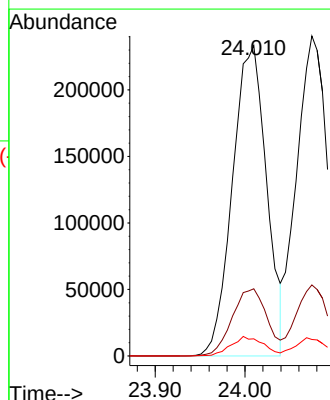
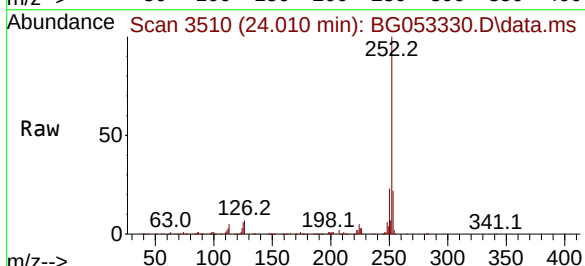
Tgt Ion:252 Resp: 615855

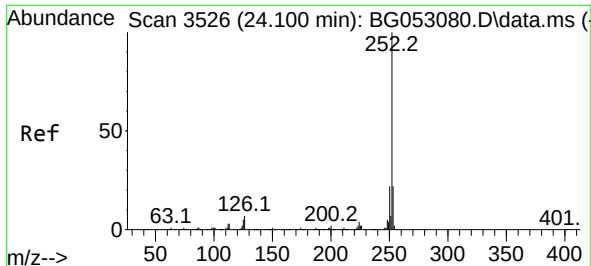
Ion Ratio Lower Upper

252 100

253 21.6 17.2 25.8

125 5.5 5.2 7.8

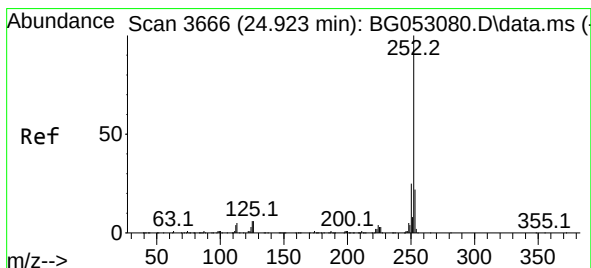
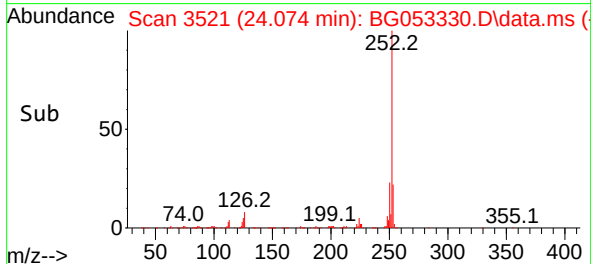
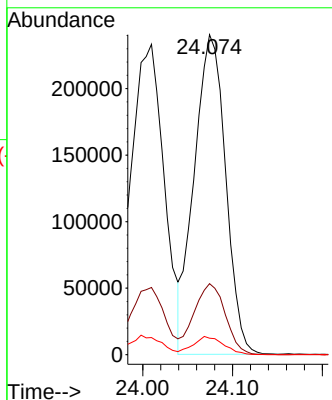
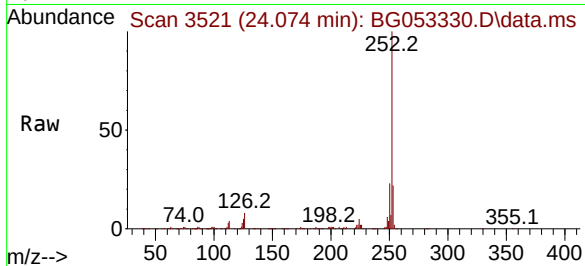




#89  
Benzo(k)fluoranthene  
Concen: 44.375 ng  
RT: 24.074 min Scan# 31  
Delta R.T. -0.012 min  
Lab File: BG053330.D  
Acq: 26 Apr 2022 21:27

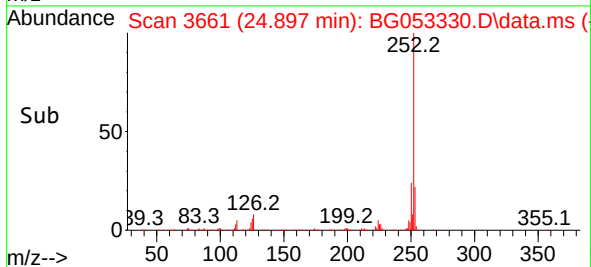
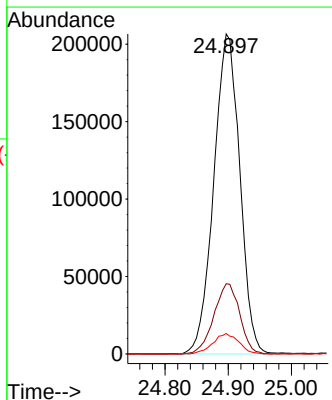
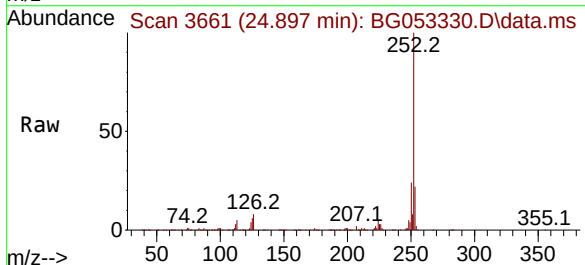
Instrument :  
BNA\_G  
ClientSampleId :  
MW-30MS

Tgt Ion:252 Resp: 583353  
Ion Ratio Lower Upper  
252 100  
253 22.2 17.4 26.0  
125 5.2 5.0 7.4

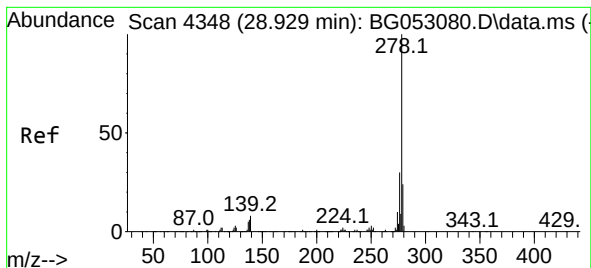


#90  
Benzo(a)pyrene  
Concen: 51.825 ng  
RT: 24.897 min Scan# 3661  
Delta R.T. -0.017 min  
Lab File: BG053330.D  
Acq: 26 Apr 2022 21:27

Tgt Ion:252 Resp: 590545  
Ion Ratio Lower Upper  
252 100  
253 22.0 18.4 27.6  
125 6.4 5.6 8.4







#91

Dibenzo(a,h)anthracene

Concen: 44.343 ng

RT: 28.891 min Scan# 41

Delta R.T. -0.012 min

Lab File: BG053330.D

Acq: 26 Apr 2022 21:27

Instrument :

BNA\_G

ClientSampleId :

MW-30MS

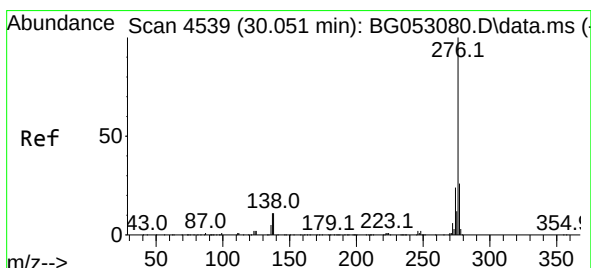
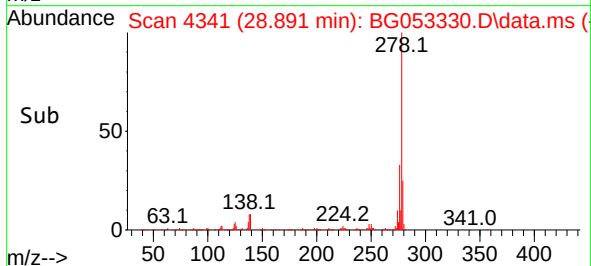
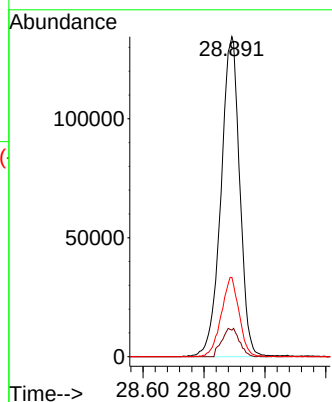
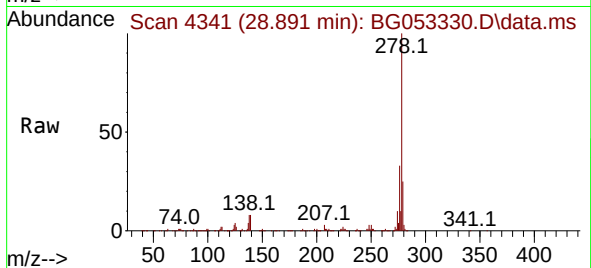
Tgt Ion:278 Resp: 574832

Ion Ratio Lower Upper

278 100

139 8.3 7.8 11.6

279 24.8 18.5 27.7



#92

Benzo(g,h,i)perylene

Concen: 45.077 ng

RT: 30.008 min Scan# 4531

Delta R.T. -0.029 min

Lab File: BG053330.D

Acq: 26 Apr 2022 21:27

Tgt Ion:276 Resp: 575952

Ion Ratio Lower Upper

276 100

277 24.1 18.2 27.2

138 12.4 9.1 13.7

