

Data Path : Z:\svoasrv\HPCHEM1\BNA\_G\Data\BG123022\  
 Data File : BG056173.D  
 Acq On : 30 Dec 2022 16:32  
 Operator : CG/JU  
 Sample : N6242-04MS  
 Misc :  
 ALS Vial : 10 Sample Multiplier: 1

Instrument :  
 BNA\_G  
 ClientSampleId :  
 MM-4MS

Quant Time: Dec 31 00:18:21 2022  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_G\Methods\8270-BG122722.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Wed Dec 28 05:20:14 2022  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc   | Units | Dev(Min) |
|-------------------------------|--------|------|----------|--------|-------|----------|
| Internal Standards            |        |      |          |        |       |          |
| 1) 1,4-Dichlorobenzene-d4     | 8.334  | 152  | 94320    | 20.000 | ng    | 0.00     |
| 21) Naphthalene-d8            | 11.172 | 136  | 341760   | 20.000 | ng    | 0.00     |
| 39) Acenaphthene-d10          | 14.944 | 164  | 289092   | 20.000 | ng    | 0.00     |
| 64) Phenanthrene-d10          | 17.682 | 188  | 752472   | 20.000 | ng    | 0.00     |
| 76) Chrysene-d12              | 21.977 | 240  | 733002   | 20.000 | ng    | 0.00     |
| 86) Perylene-d12              | 25.438 | 264  | 824702   | 20.000 | ng    | 0.01     |
| System Monitoring Compounds   |        |      |          |        |       |          |
| 5) 2-Fluorophenol             | 5.861  | 112  | 357754   | 67.724 | ng    | 0.00     |
| 7) Phenol-d6                  | 7.476  | 99   | 493140   | 60.788 | ng    | 0.00     |
| 23) Nitrobenzene-d5           | 9.509  | 82   | 257562   | 38.550 | ng    | 0.00     |
| 42) 2,4,6-Tribromophenol      | 16.425 | 330  | 228720   | 62.470 | ng    | 0.00     |
| 45) 2-Fluorobiphenyl          | 13.575 | 172  | 830427   | 39.667 | ng    | 0.00     |
| 79) Terphenyl-d14             | 20.256 | 244  | 1690867  | 41.315 | ng    | 0.00     |
| Target Compounds              |        |      |          |        |       |          |
| 2) 1,4-Dioxane                | 3.681  | 88   | 47150    | 19.541 | ng    | 98       |
| 3) Pyridine                   | 4.092  | 79   | 125343   | 17.056 | ng    | # 95     |
| 4) n-Nitrosodimethylamine     | 4.004  | 42   | 29582    | 19.788 | ng    | 96       |
| 6) Aniline                    | 7.647  | 93   | 143689   | 13.506 | ng    | 95       |
| 8) 2-Chlorophenol             | 7.894  | 128  | 116928   | 22.244 | ng    | 97       |
| 9) Benzaldehyde               | 7.465  | 77   | 69786    | 14.467 | ng    | 97       |
| 10) Phenol                    | 7.500  | 94   | 174749   | 21.240 | ng    | 97       |
| 11) bis(2-Chloroethyl)ether   | 7.741  | 93   | 106156   | 19.040 | ng    | 96       |
| 12) 1,3-Dichlorobenzene       | 8.229  | 146  | 139038   | 21.732 | ng    | 95       |
| 13) 1,4-Dichlorobenzene       | 8.375  | 146  | 139828   | 21.765 | ng    | 98       |
| 14) 1,2-Dichlorobenzene       | 8.699  | 146  | 135630   | 21.879 | ng    | 97       |
| 15) Benzyl Alcohol            | 8.569  | 79   | 110227   | 18.669 | ng    | 98       |
| 16) 2,2'-oxybis(1-Chloropr... | 8.857  | 45   | 17867    | 18.135 | ng    | 91       |
| 17) 2-Methylphenol            | 8.763  | 107  | 116894   | 19.363 | ng    | 96       |
| 18) Hexachloroethane          | 9.433  | 117  | 43757    | 22.420 | ng    | 89       |
| 19) n-Nitroso-di-n-propyla... | 9.139  | 70   | 84641    | 17.158 | ng    | 98       |
| 20) 3+4-Methylphenols         | 9.092  | 107  | 160515   | 18.912 | ng    | 96       |
| 22) Acetophenone              | 9.163  | 105  | 189384   | 19.598 | ng    | # 93     |
| 24) Nitrobenzene              | 9.556  | 77   | 126753   | 19.143 | ng    | 98       |
| 25) Isophorone                | 10.073 | 82   | 247170   | 17.583 | ng    | 96       |
| 26) 2-Nitrophenol             | 10.267 | 139  | 73793    | 21.782 | ng    | 98       |
| 27) 2,4-Dimethylphenol        | 10.308 | 122  | 131740   | 21.321 | ng    | 98       |
| 28) bis(2-Chloroethoxy)met... | 10.549 | 93   | 142191   | 19.461 | ng    | 99       |
| 29) 2,4-Dichlorophenol        | 10.802 | 162  | 151803   | 22.222 | ng    | 96       |
| 30) 1,2,4-Trichlorobenzene    | 11.025 | 180  | 166369   | 21.461 | ng    | 99       |
| 31) Naphthalene               | 11.219 | 128  | 357732   | 19.889 | ng    | 99       |
| 32) Benzoic acid              | 10.414 | 122  | 75187    | 16.400 | ng    | 95       |
| 33) 4-Chloroaniline           | 11.313 | 127  | 87727    | 10.216 | ng    | 97       |
| 34) Hexachlorobutadiene       | 11.495 | 225  | 120286   | 21.574 | ng    | 95       |
| 35) Caprolactam               | 12.083 | 113  | 25966    | 11.227 | ng    | 98       |
| 36) 4-Chloro-3-methylphenol   | 12.406 | 107  | 140409   | 20.256 | ng    | 99       |
| 37) 2-Methylnaphthalene       | 12.800 | 142  | 284161   | 18.711 | ng    | 98       |
| 38) 1-Methylnaphthalene       | 13.017 | 142  | 264030   | 18.722 | ng    | 97       |
| 40) 1,2,4,5-Tetrachloroben... | 13.158 | 216  | 221743   | 20.465 | ng    | 98       |
| 41) Hexachlorocyclopentadiene | 13.135 | 237  | 313107   | 50.686 | ng    | 95       |
| 43) 2,4,6-Trichlorophenol     | 13.387 | 196  | 153694   | 21.452 | ng    | 98       |

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 Operator : CG/JU  
 Sample : N6242-04MS  
 Misc :  
 ALS Vial : 10 Sample Multiplier: 1

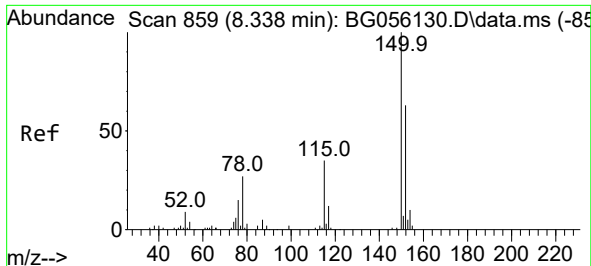
Instrument :  
 BNA\_G  
 ClientSampleId :  
 MM-4MS

Quant Time: Dec 31 00:18:21 2022  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_G\Methods\8270-BG122722.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Wed Dec 28 05:20:14 2022  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc   | Units | Dev(Min) |
|-------------------------------|--------|------|----------|--------|-------|----------|
| 44) 2,4,5-Trichlorophenol     | 13.458 | 196  | 165249   | 19.498 | ng    | 98       |
| 46) 1,1'-Biphenyl             | 13.787 | 154  | 424266   | 20.492 | ng    | 100      |
| 47) 2-Chloronaphthalene       | 13.834 | 162  | 334949   | 20.496 | ng    | 98       |
| 48) 2-Nitroaniline            | 14.028 | 65   | 67284    | 19.324 | ng    | 97       |
| 49) Acenaphthylene            | 14.674 | 152  | 516320   | 19.415 | ng    | 100      |
| 50) Dimethylphthalate         | 14.386 | 163  | 448927   | 19.236 | ng    | 99       |
| 51) 2,6-Dinitrotoluene        | 14.509 | 165  | 94367    | 18.977 | ng    | 96       |
| 52) Acenaphthene              | 15.009 | 154  | 364787   | 21.091 | ng    | 99       |
| 53) 3-Nitroaniline            | 14.838 | 138  | 54136    | 11.439 | ng    | 97       |
| 54) 2,4-Dinitrophenol         | 15.044 | 184  | 124892   | 35.156 | ng    | 96       |
| 55) Dibenzofuran              | 15.338 | 168  | 550362   | 19.229 | ng    | 97       |
| 56) 4-Nitrophenol             | 15.132 | 139  | 148169   | 40.708 | ng    | 92       |
| 57) 2,4-Dinitrotoluene        | 15.291 | 165  | 140500   | 20.203 | ng    | 91       |
| 58) Fluorene                  | 15.984 | 166  | 439522   | 19.092 | ng    | 96       |
| 59) 2,3,4,6-Tetrachlorophenol | 15.479 | 232  | 166712   | 20.950 | ng    | 96       |
| 60) Diethylphthalate          | 15.732 | 149  | 414702   | 18.948 | ng    | 99       |
| 61) 4-Chlorophenyl-phenyle... | 15.967 | 204  | 279152   | 19.431 | ng    | 99       |
| 62) 4-Nitroaniline            | 15.996 | 138  | 90714    | 18.712 | ng    | 96       |
| 63) Azobenzene                | 16.260 | 77   | 313936   | 18.588 | ng    | 97       |
| 65) 4,6-Dinitro-2-methylph... | 16.049 | 198  | 98646    | 19.458 | ng    | 94       |
| 66) n-Nitrosodiphenylamine    | 16.178 | 169  | 410772   | 19.675 | ng    | 98       |
| 67) 4-Bromophenyl-phenylether | 16.860 | 248  | 188597   | 19.682 | ng    | 97       |
| 68) Hexachlorobenzene         | 16.989 | 284  | 186271   | 20.836 | ng    | 94       |
| 69) Atrazine                  | 17.112 | 200  | 182584   | 21.102 | ng    | 97       |
| 70) Pentachlorophenol         | 17.324 | 266  | 256245   | 37.314 | ng    | 98       |
| 71) Phenanthrene              | 17.723 | 178  | 776598   | 19.915 | ng    | 97       |
| 72) Anthracene                | 17.811 | 178  | 791366   | 19.673 | ng    | 100      |
| 73) Carbazole                 | 18.076 | 167  | 683121   | 20.203 | ng    | 98       |
| 74) Di-n-butylphthalate       | 18.605 | 149  | 689120   | 20.445 | ng    | 99       |
| 75) Fluoranthene              | 19.709 | 202  | 996215   | 19.585 | ng    | 99       |
| 77) Benzidine                 | 19.880 | 184  | 400744   | 15.601 | ng    | 99       |
| 78) Pyrene                    | 20.073 | 202  | 1006968  | 19.490 | ng    | 99       |
| 80) Butylbenzylphthalate      | 20.931 | 149  | 290173   | 19.577 | ng    | 98       |
| 81) Benzo(a)anthracene        | 21.954 | 228  | 1005218  | 19.525 | ng    | 98       |
| 82) 3,3'-Dichlorobenzidine    | 21.854 | 252  | 209727   | 11.316 | ng    | 98       |
| 83) Chrysene                  | 22.030 | 228  | 932025   | 19.327 | ng    | 99       |
| 84) Bis(2-ethylhexyl)phtha... | 21.824 | 149  | 412119   | 19.299 | ng    | 99       |
| 85) Di-n-octyl phthalate      | 23.111 | 149  | 711469   | 19.735 | ng    | 100      |
| 87) Indeno(1,2,3-cd)pyrene    | 29.410 | 276  | 1189392  | 19.831 | ng    | # 98     |
| 88) Benzo(b)fluoranthene      | 24.327 | 252  | 1055515  | 20.144 | ng    | 99       |
| 89) Benzo(k)fluoranthene      | 24.404 | 252  | 1042284  | 19.975 | ng    | 99       |
| 90) Benzo(a)pyrene            | 25.273 | 252  | 939577   | 18.384 | ng    | 99       |
| 91) Dibenzo(a,h)anthracene    | 29.480 | 278  | 988224   | 19.652 | ng    | 96       |
| 92) Benzo(g,h,i)perylene      | 30.667 | 276  | 955815   | 19.601 | ng    | 99       |

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

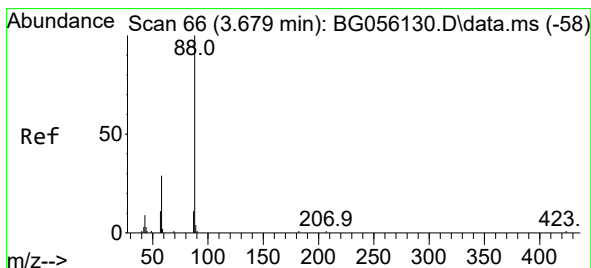
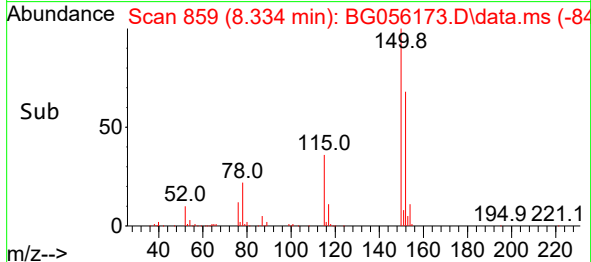
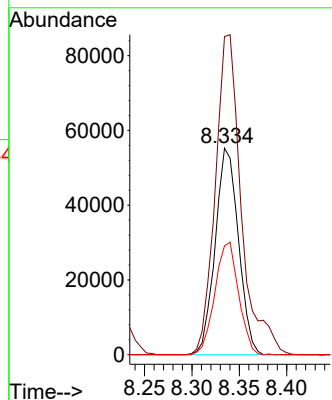
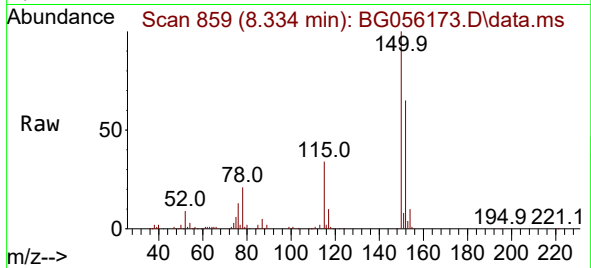




#1  
 1,4-Dichlorobenzene-d4  
 Concen: 20.000 ng  
 RT: 8.334 min Scan# 81  
 Delta R.T. -0.004 min  
 Lab File: BG056173.D  
 Acq: 30 Dec 2022 16:32

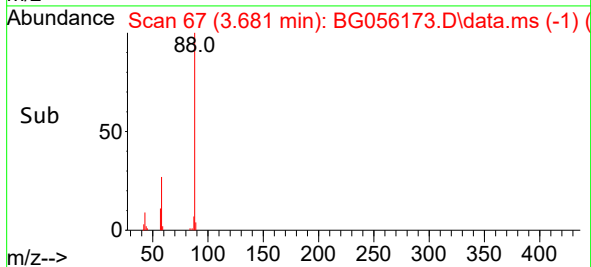
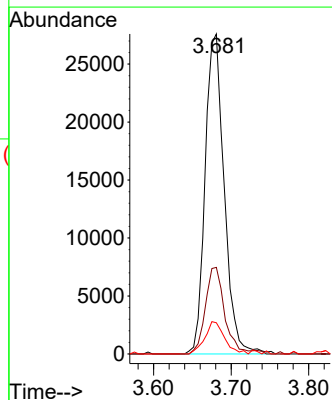
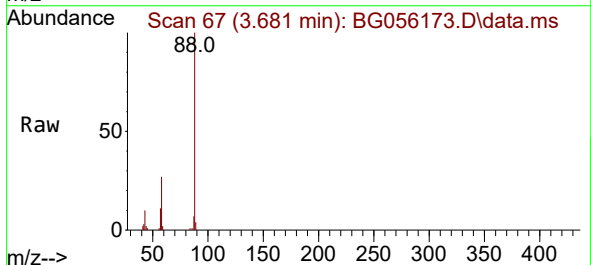
Instrument :  
 BNA\_G  
 ClientSampleId :  
 MM-4MS

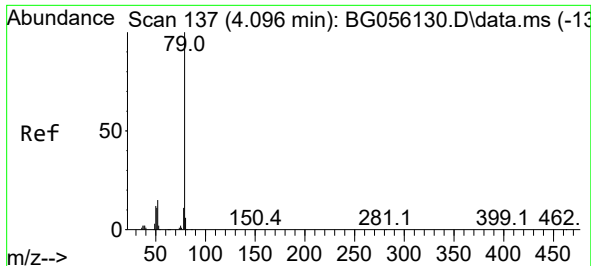
Tgt Ion:152 Resp: 94320  
 Ion Ratio Lower Upper  
 152 100  
 150 154.0 127.9 191.9  
 115 52.7 44.2 66.2



#2  
 1,4-Dioxane  
 Concen: 19.541 ng  
 RT: 3.681 min Scan# 67  
 Delta R.T. 0.002 min  
 Lab File: BG056173.D  
 Acq: 30 Dec 2022 16:32

Tgt Ion: 88 Resp: 47150  
 Ion Ratio Lower Upper  
 88 100  
 58 27.7 21.4 32.0  
 43 10.4 7.1 10.7

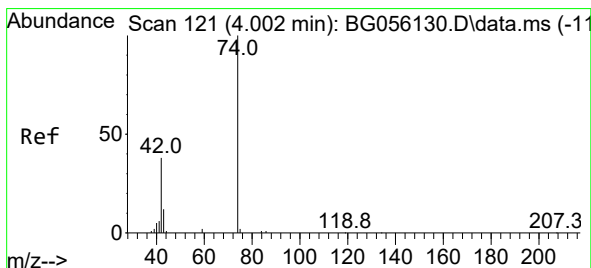
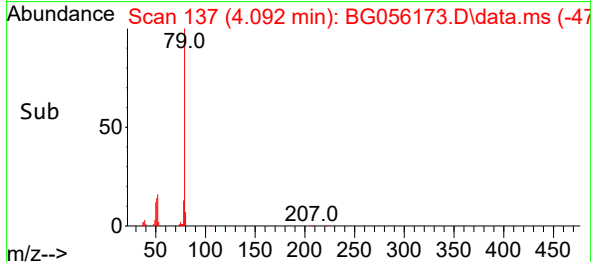
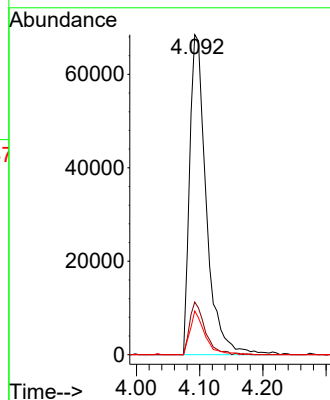
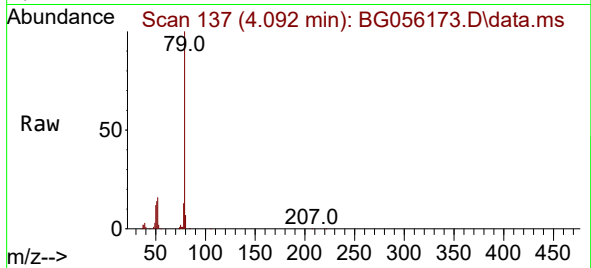




#3  
 Pyridine  
 Concen: 17.056 ng  
 RT: 4.092 min Scan# 11  
 Delta R.T. -0.004 min  
 Lab File: BG056173.D  
 Acq: 30 Dec 2022 16:32

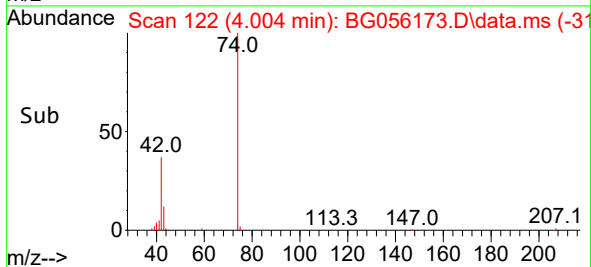
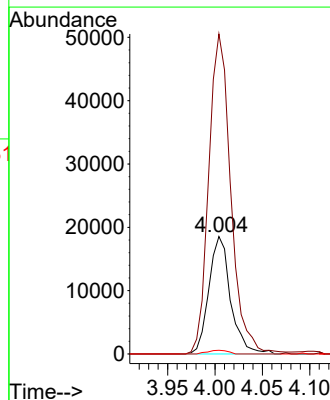
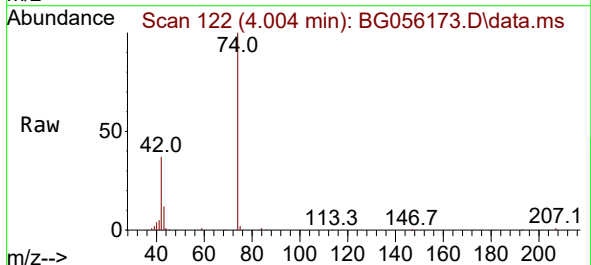
Instrument :  
 BNA\_G  
 ClientSampleId :  
 MM-4MS

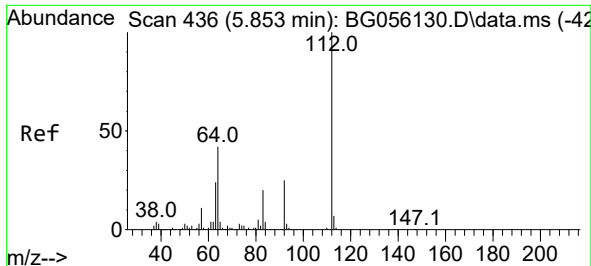
Tgt Ion: 79 Resp: 125343  
 Ion Ratio Lower Upper  
 79 100  
 52 16.5 11.8 17.6  
 51 13.7 8.8 13.2#



#4  
 n-Nitrosodimethylamine  
 Concen: 19.788 ng  
 RT: 4.004 min Scan# 122  
 Delta R.T. 0.002 min  
 Lab File: BG056173.D  
 Acq: 30 Dec 2022 16:32

Tgt Ion: 42 Resp: 29582  
 Ion Ratio Lower Upper  
 42 100  
 74 272.3 212.6 319.0  
 44 3.1 2.6 3.8

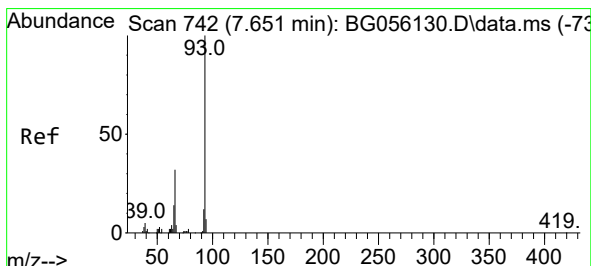
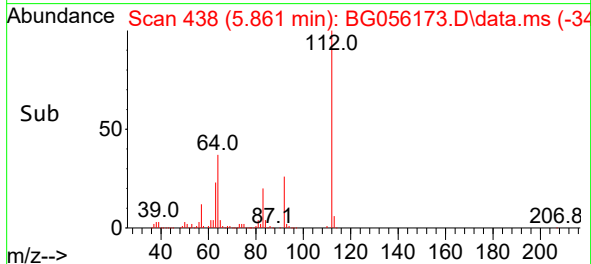
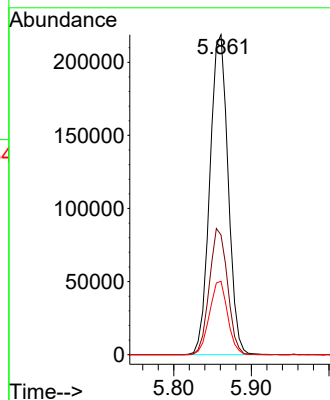
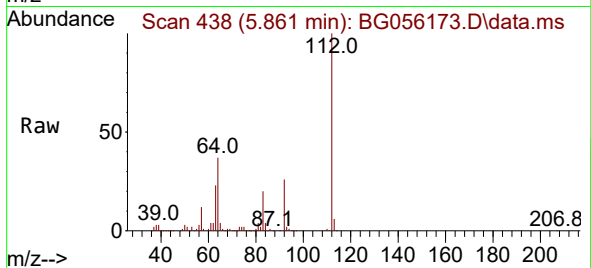




#5  
2-Fluorophenol  
Concen: 67.724 ng  
RT: 5.861 min Scan# 436  
Delta R.T. 0.008 min  
Lab File: BG056173.D  
Acq: 30 Dec 2022 16:32

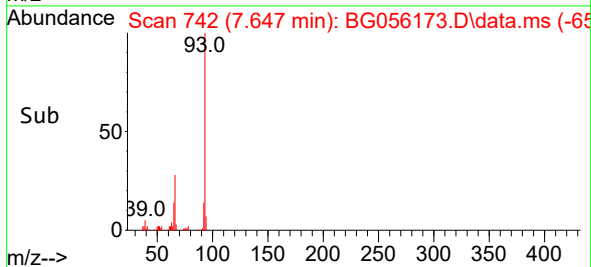
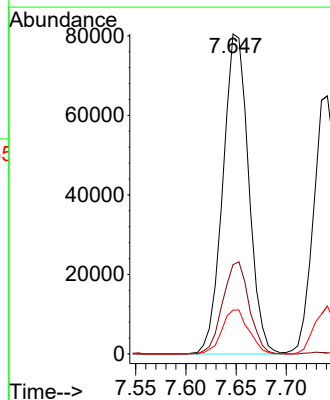
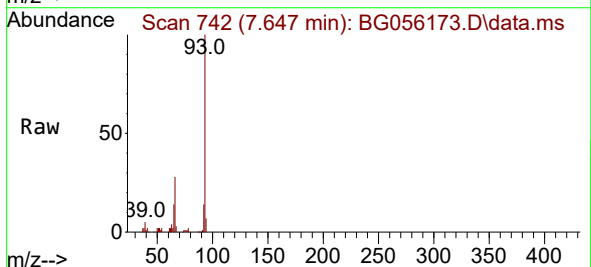
Instrument :  
BNA\_G  
ClientSampleId :  
MM-4MS

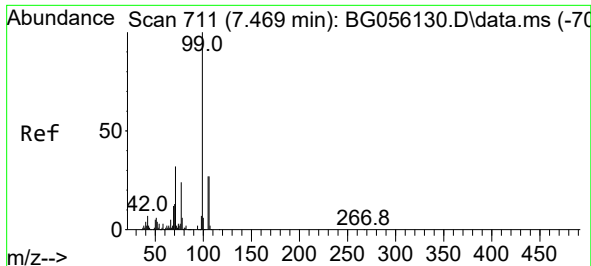
Tgt Ion:112 Resp: 357754  
Ion Ratio Lower Upper  
112 100  
64 37.4 33.3 49.9  
63 23.0 19.0 28.4



#6  
Aniline  
Concen: 13.506 ng  
RT: 7.647 min Scan# 742  
Delta R.T. -0.004 min  
Lab File: BG056173.D  
Acq: 30 Dec 2022 16:32

Tgt Ion: 93 Resp: 143689  
Ion Ratio Lower Upper  
93 100  
66 27.9 25.4 38.2  
65 13.7 11.4 17.2

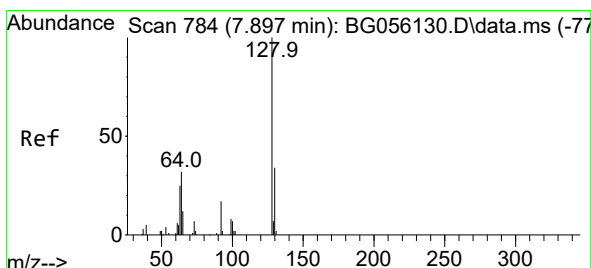
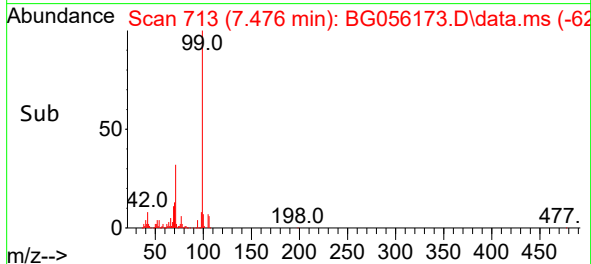
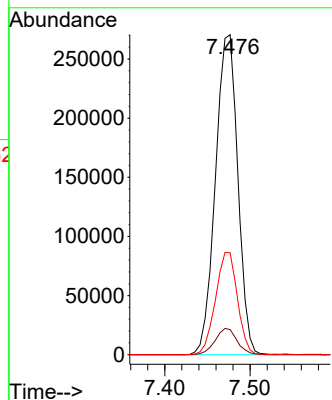
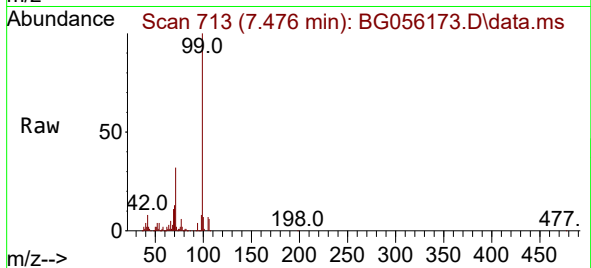




#7  
Phenol-d6  
Concen: 60.788 ng  
RT: 7.476 min Scan# 711  
Delta R.T. 0.008 min  
Lab File: BG056173.D  
Acq: 30 Dec 2022 16:32

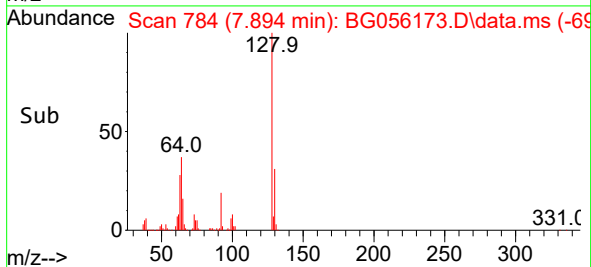
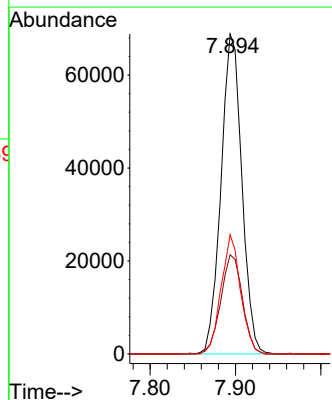
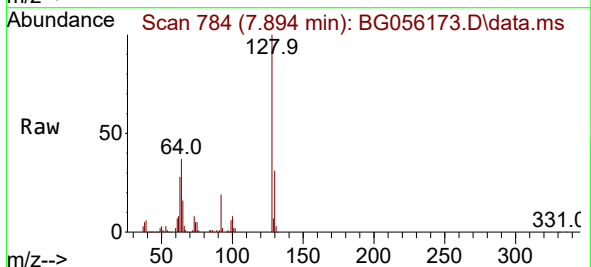
Instrument :  
BNA\_G  
ClientSampleId :  
MM-4MS

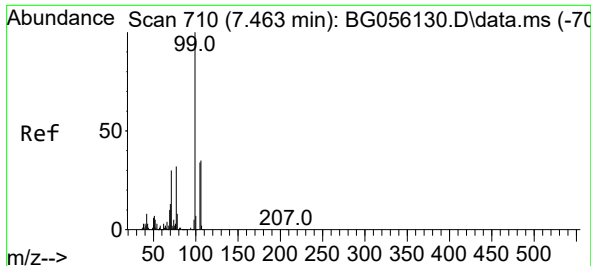
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Ion Ratio Lower Upper  
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42 7.9 5.9 8.9  
71 31.8 25.4 38.2



#8  
2-Chlorophenol  
Concen: 22.244 ng  
RT: 7.894 min Scan# 784  
Delta R.T. -0.004 min  
Lab File: BG056173.D  
Acq: 30 Dec 2022 16:32

Tgt Ion: 128 Resp: 116928  
Ion Ratio Lower Upper  
128 100  
130 31.0 13.5 53.5  
64 37.3 18.0 58.0

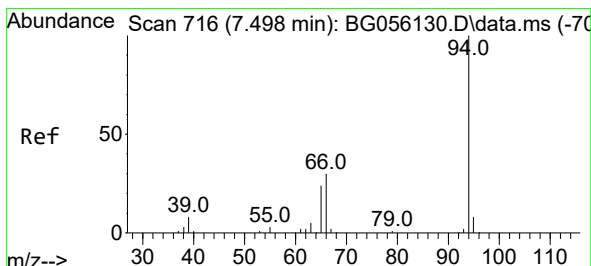
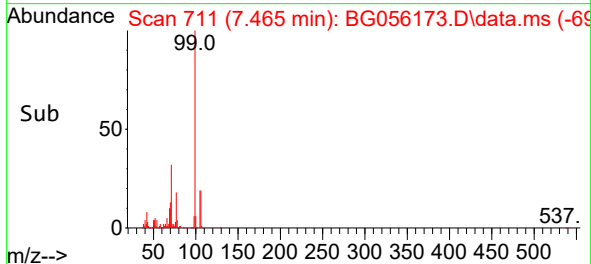
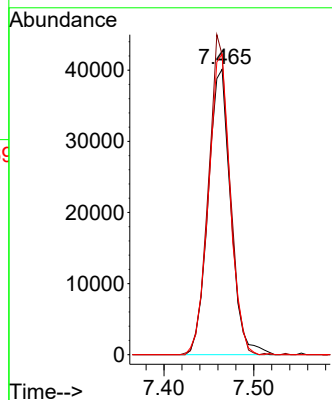
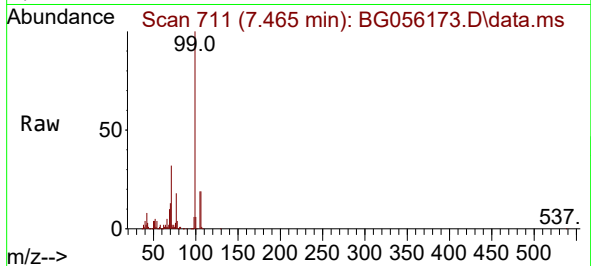




#9  
Benzaldehyde  
Concen: 14.467 ng  
RT: 7.465 min Scan# 710  
Delta R.T. 0.002 min  
Lab File: BG056173.D  
Acq: 30 Dec 2022 16:32

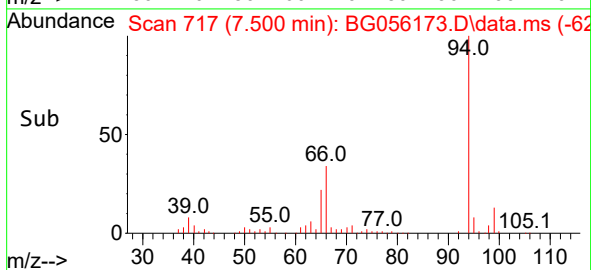
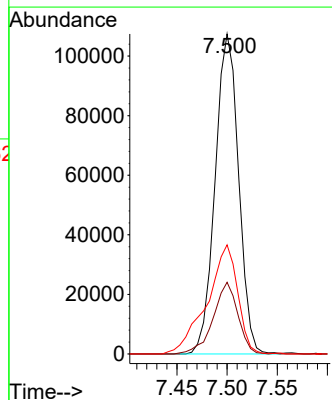
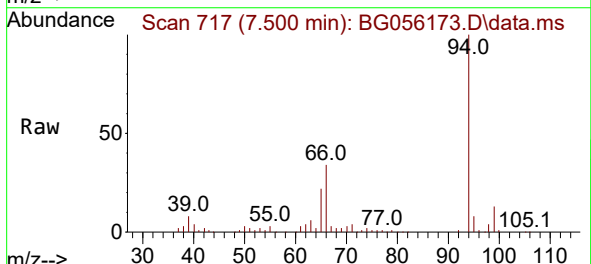
Instrument :  
BNA\_G  
ClientSampleId :  
MM-4MS

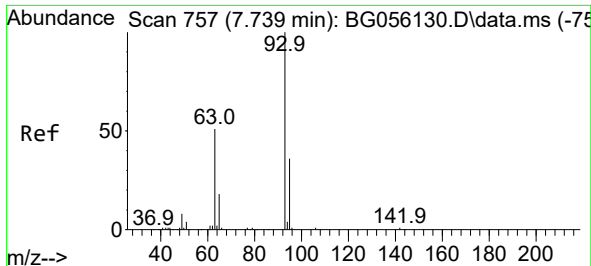
Tgt Ion: 77 Resp: 69786  
Ion Ratio Lower Upper  
77 100  
105 105.0 86.8 126.8  
106 105.3 89.3 129.3



#10  
Phenol  
Concen: 21.240 ng  
RT: 7.500 min Scan# 717  
Delta R.T. 0.002 min  
Lab File: BG056173.D  
Acq: 30 Dec 2022 16:32

Tgt Ion: 94 Resp: 174749  
Ion Ratio Lower Upper  
94 100  
65 22.4 4.3 44.3  
66 34.1 13.2 53.2

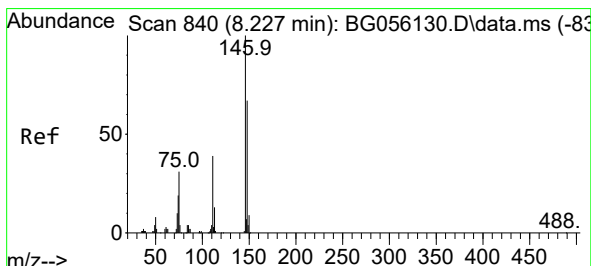
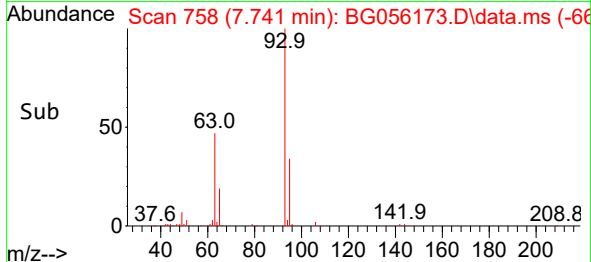
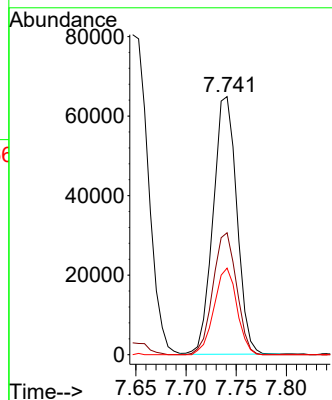
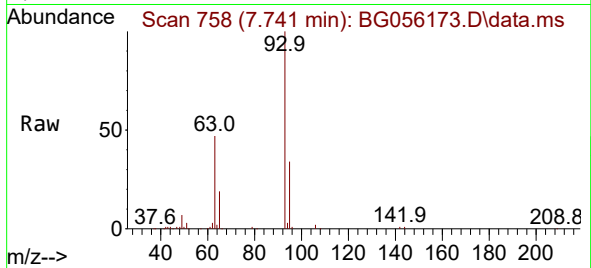




#11  
bis(2-Chloroethyl)ether  
Concen: 19.040 ng  
RT: 7.741 min Scan# 71  
Delta R.T. 0.002 min  
Lab File: BG056173.D  
Acq: 30 Dec 2022 16:32

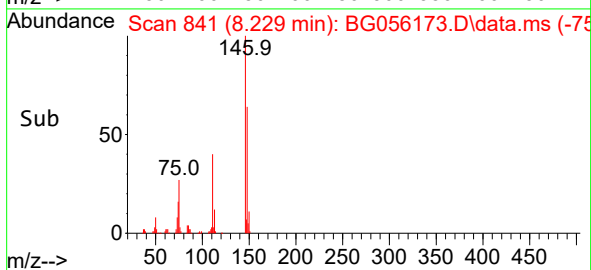
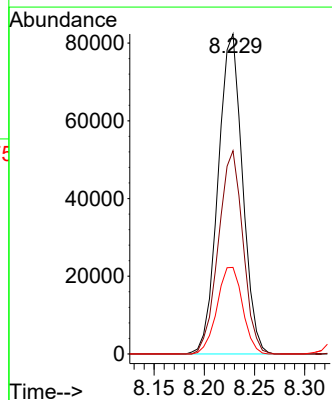
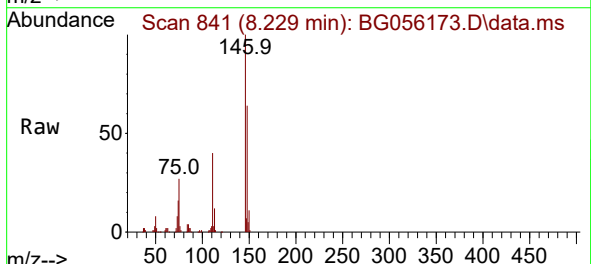
Instrument :  
BNA\_G  
ClientSampleId :  
MM-4MS

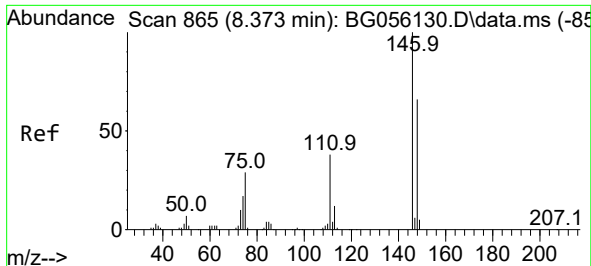
Tgt Ion: 93 Resp: 106156  
Ion Ratio Lower Upper  
93 100  
63 47.3 30.5 70.5  
95 33.6 15.9 55.9



#12  
1,3-Dichlorobenzene  
Concen: 21.732 ng  
RT: 8.229 min Scan# 841  
Delta R.T. 0.002 min  
Lab File: BG056173.D  
Acq: 30 Dec 2022 16:32

Tgt Ion: 146 Resp: 139038  
Ion Ratio Lower Upper  
146 100  
148 63.5 53.5 80.3  
75 27.0 24.8 37.2

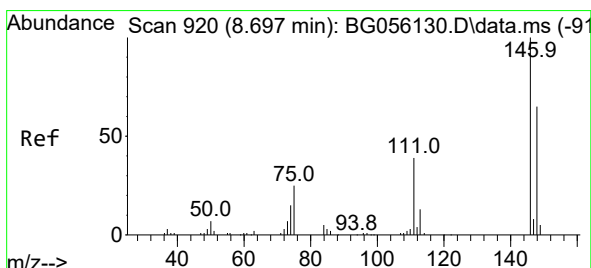
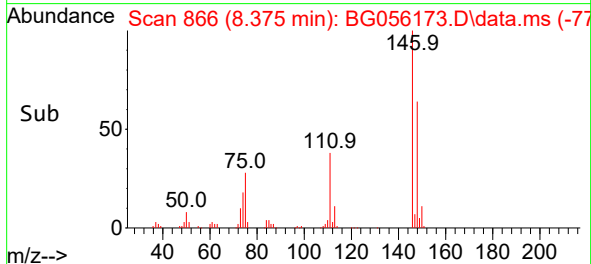
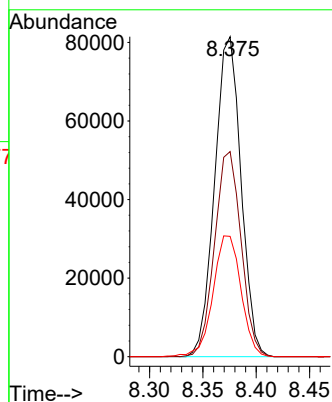
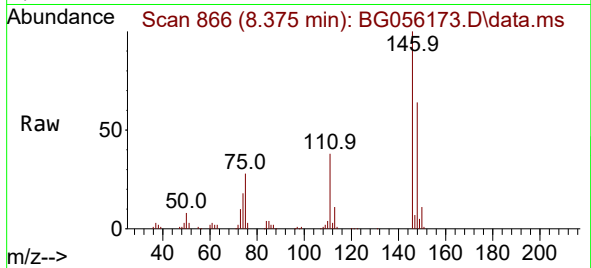




#13  
1,4-Dichlorobenzene  
Concen: 21.765 ng  
RT: 8.375 min Scan# 865  
Delta R.T. 0.002 min  
Lab File: BG056173.D  
Acq: 30 Dec 2022 16:32

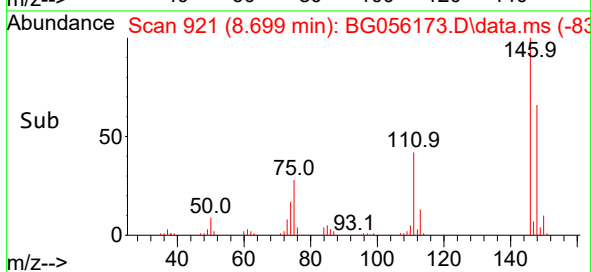
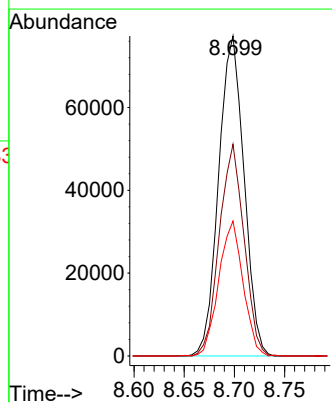
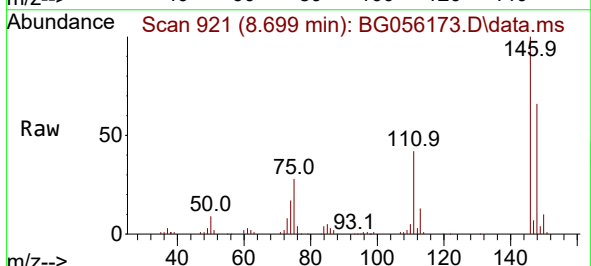
Instrument :  
BNA\_G  
ClientSampleId :  
MM-4MS

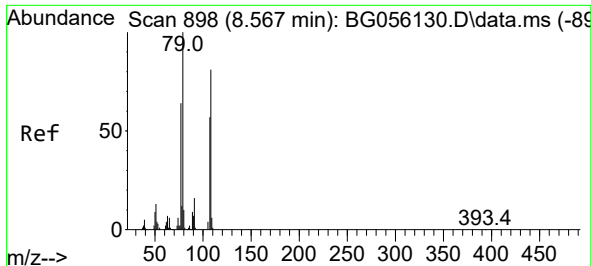
Tgt Ion:146 Resp: 139828  
Ion Ratio Lower Upper  
146 100  
148 64.1 52.8 79.2  
111 37.6 30.5 45.7



#14  
1,2-Dichlorobenzene  
Concen: 21.879 ng  
RT: 8.699 min Scan# 921  
Delta R.T. 0.002 min  
Lab File: BG056173.D  
Acq: 30 Dec 2022 16:32

Tgt Ion:146 Resp: 135630  
Ion Ratio Lower Upper  
146 100  
148 66.2 51.7 77.5  
111 42.1 31.5 47.3

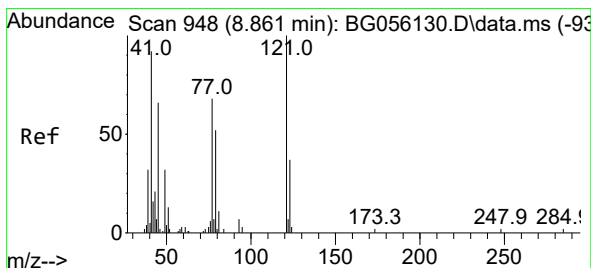
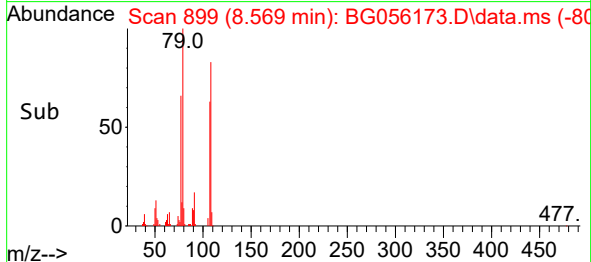
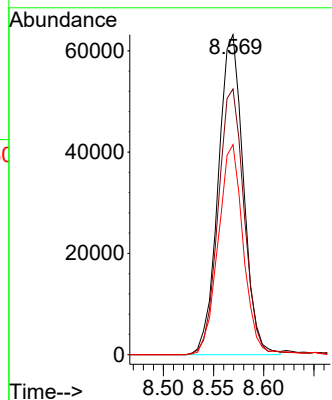
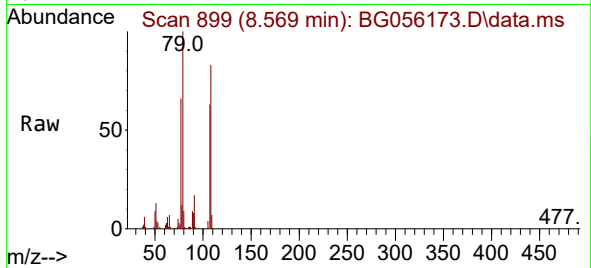




#15  
Benzyl Alcohol  
Concen: 18.669 ng  
RT: 8.569 min Scan# 898  
Delta R.T. 0.002 min  
Lab File: BG056173.D  
Acq: 30 Dec 2022 16:32

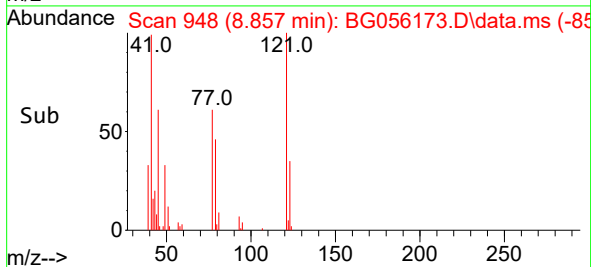
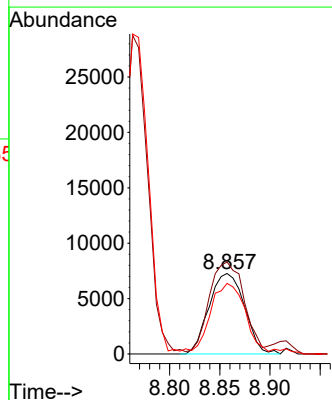
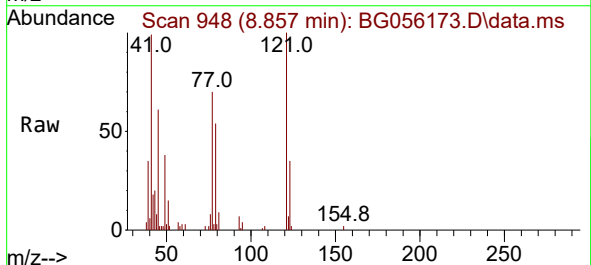
Instrument :  
BNA\_G  
ClientSampleId :  
MM-4MS

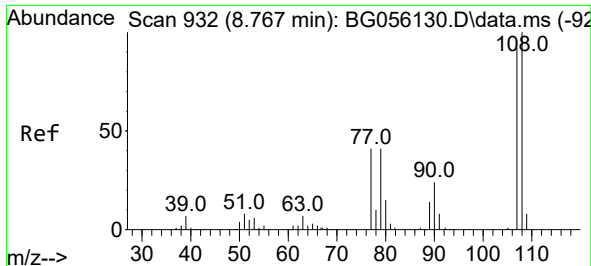
Tgt Ion: 79 Resp: 110227  
Ion Ratio Lower Upper  
79 100  
108 83.1 64.7 97.1  
77 65.6 51.5 77.3



#16  
2,2'-oxybis(1-Chloropropane)  
Concen: 18.135 ng  
RT: 8.857 min Scan# 948  
Delta R.T. -0.004 min  
Lab File: BG056173.D  
Acq: 30 Dec 2022 16:32

Tgt Ion: 45 Resp: 17867  
Ion Ratio Lower Upper  
45 100  
77 114.3 88.2 128.2  
79 92.5 61.2 101.2

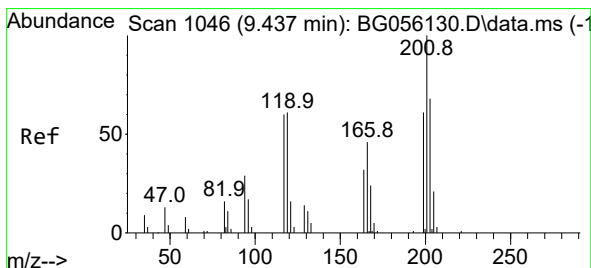
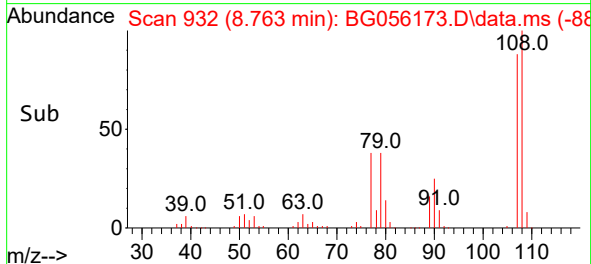
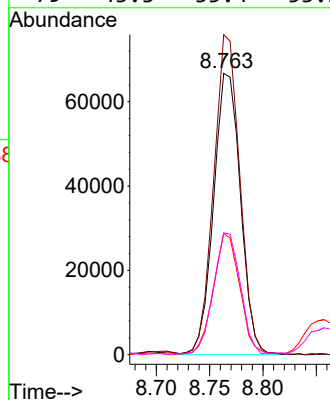
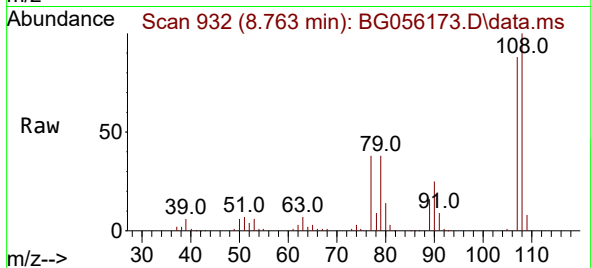




#17  
2-Methylphenol  
Concen: 19.363 ng  
RT: 8.763 min Scan# 913  
Delta R.T. -0.004 min  
Lab File: BG056173.D  
Acq: 30 Dec 2022 16:32

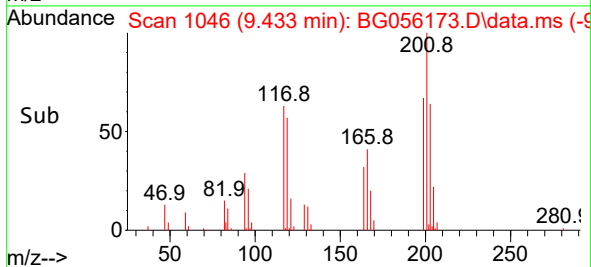
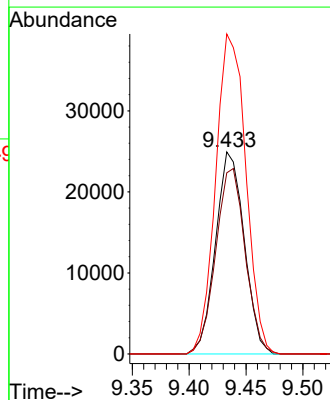
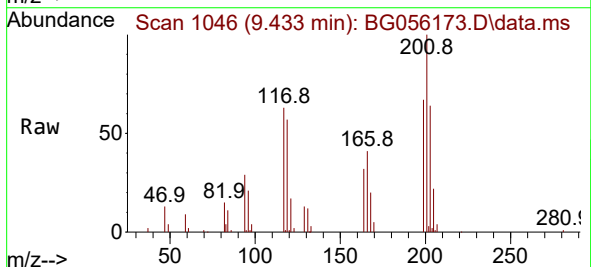
Instrument :  
BNA\_G  
ClientSampleId :  
MM-4MS

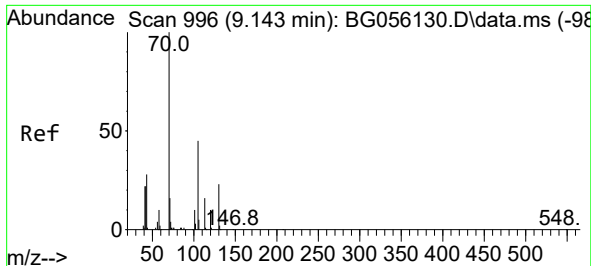
|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 107   | Resp: | 116894 |
| Ion      | Ratio | Lower | Upper  |
| 107      | 100   |       |        |
| 108      | 113.8 | 86.6  | 129.8  |
| 77       | 43.1  | 35.4  | 53.2   |
| 79       | 43.3  | 35.4  | 53.2   |



#18  
Hexachloroethane  
Concen: 22.420 ng  
RT: 9.433 min Scan# 1046  
Delta R.T. -0.004 min  
Lab File: BG056173.D  
Acq: 30 Dec 2022 16:32

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 117   | Resp: | 43757 |
| Ion      | Ratio | Lower | Upper |
| 117      | 100   |       |       |
| 119      | 87.7  | 81.8  | 122.6 |
| 201      | 155.0 | 134.2 | 201.2 |

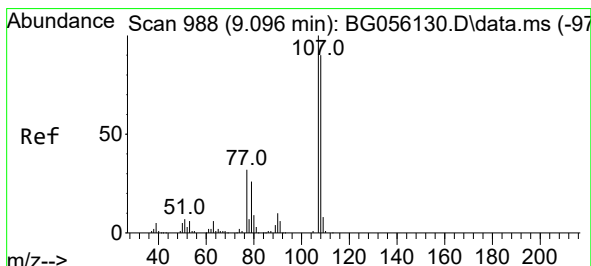
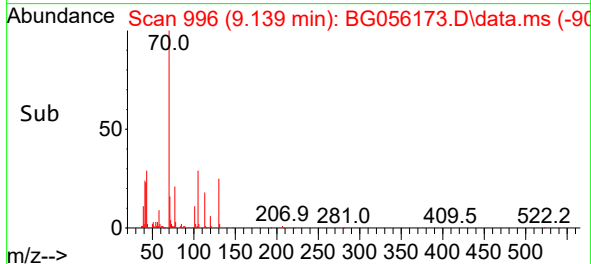
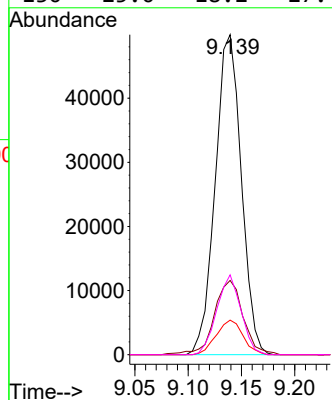
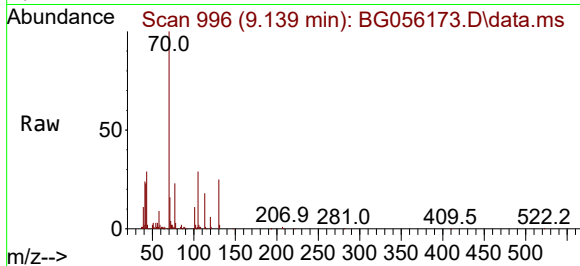




#19  
n-Nitroso-di-n-propylamine  
Concen: 17.158 ng  
RT: 9.139 min Scan# 996  
Delta R.T. -0.004 min  
Lab File: BG056173.D  
Acq: 30 Dec 2022 16:32

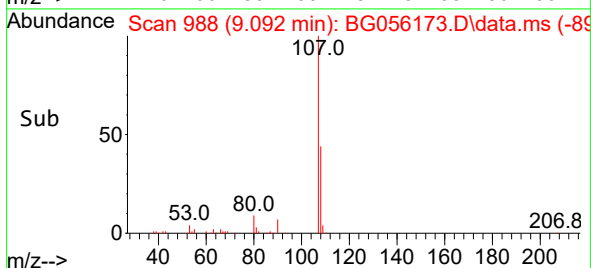
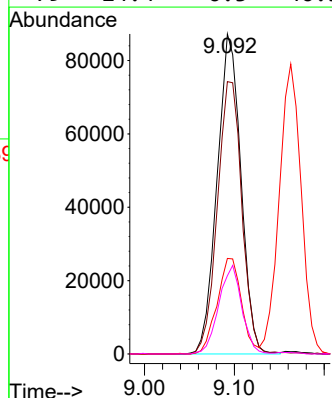
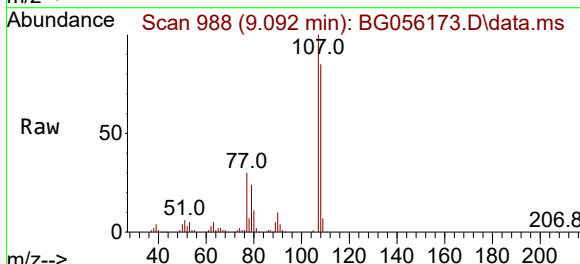
Instrument :  
BNA\_G  
ClientSampleId :  
MM-4MS

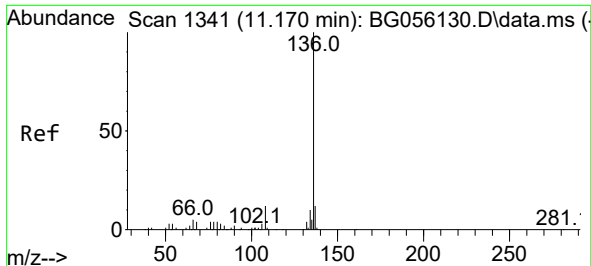
|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 70    | Resp: | 84641 |
| Ion      | Ratio | Lower | Upper |
| 70       | 100   |       |       |
| 42       | 23.2  | 18.2  | 27.2  |
| 101      | 10.8  | 8.3   | 12.5  |
| 130      | 25.0  | 18.2  | 27.4  |



#20  
3+4-Methylphenols  
Concen: 18.912 ng  
RT: 9.092 min Scan# 988  
Delta R.T. -0.004 min  
Lab File: BG056173.D  
Acq: 30 Dec 2022 16:32

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 107   | Resp: | 160515 |
| Ion      | Ratio | Lower | Upper  |
| 107      | 100   |       |        |
| 108      | 85.1  | 69.6  | 109.6  |
| 77       | 29.9  | 11.7  | 51.7   |
| 79       | 24.4  | 6.3   | 46.3   |

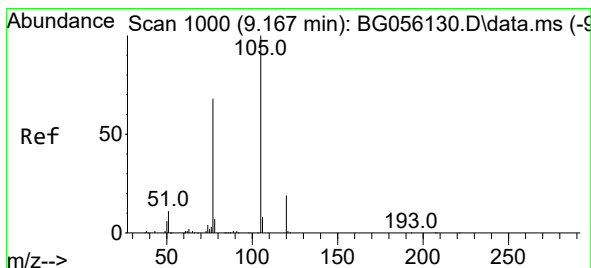
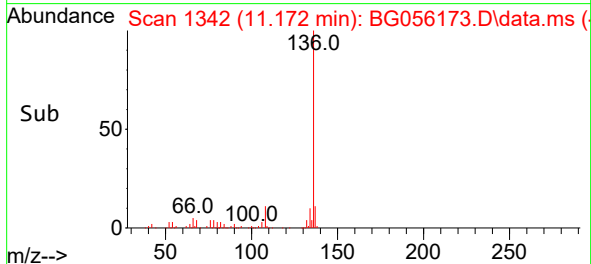
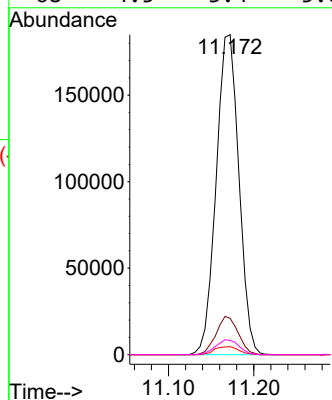
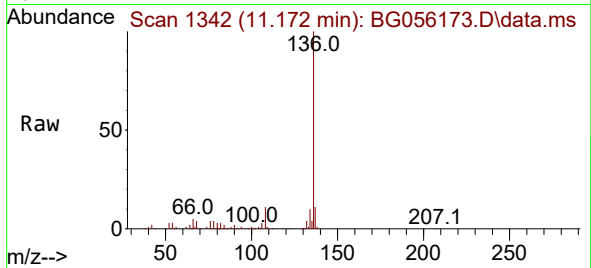




#21  
Naphthalene-d8  
Concen: 20.000 ng  
RT: 11.172 min Scan# 11  
Delta R.T. 0.002 min  
Lab File: BG056173.D  
Acq: 30 Dec 2022 16:32

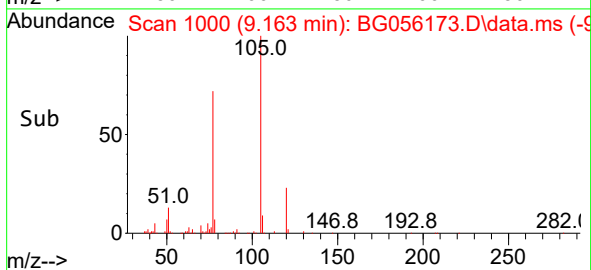
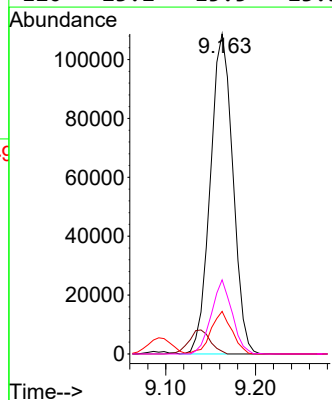
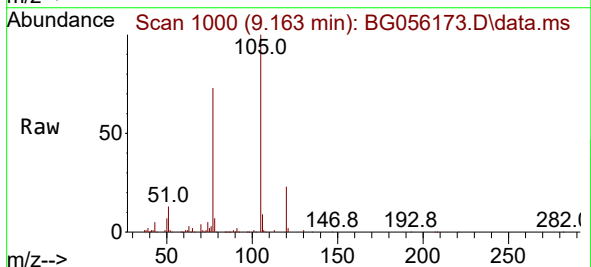
Instrument :  
BNA\_G  
ClientSampleId :  
MM-4MS

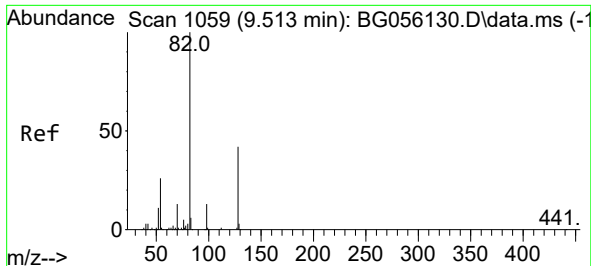
Tgt Ion:136 Resp: 341760  
Ion Ratio Lower Upper  
136 100  
137 11.4 9.4 14.0  
54 2.5 2.2 3.2  
68 4.5 3.4 5.0



#22  
Acetophenone  
Concen: 19.598 ng  
RT: 9.163 min Scan# 1000  
Delta R.T. -0.004 min  
Lab File: BG056173.D  
Acq: 30 Dec 2022 16:32

Tgt Ion:105 Resp: 189384  
Ion Ratio Lower Upper  
105 100  
71 0.8 0.5 0.7#  
51 13.3 9.3 13.9  
120 23.2 15.5 23.3

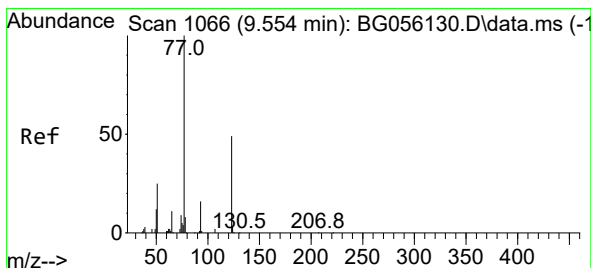
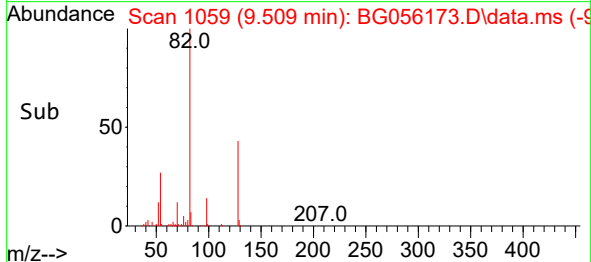
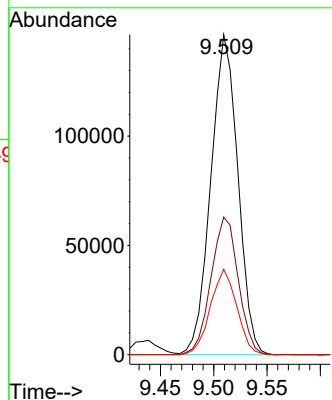
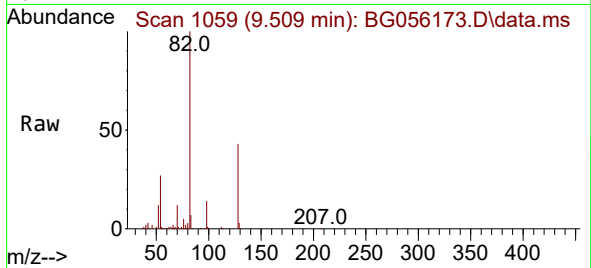




#23  
Nitrobenzene-d5  
Concen: 38.550 ng  
RT: 9.509 min Scan# 1059  
Delta R.T. -0.004 min  
Lab File: BG056173.D  
Acq: 30 Dec 2022 16:32

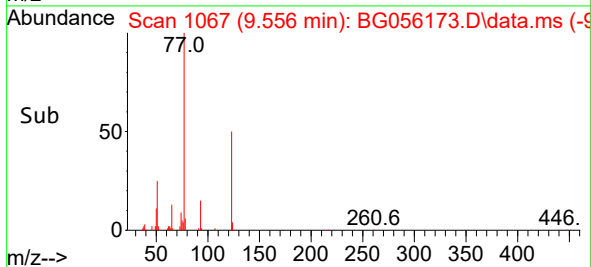
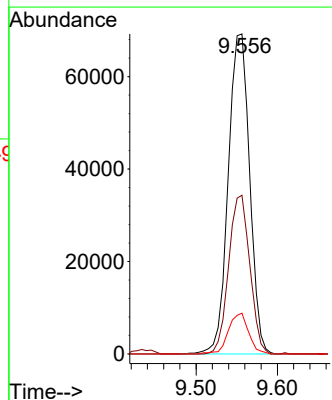
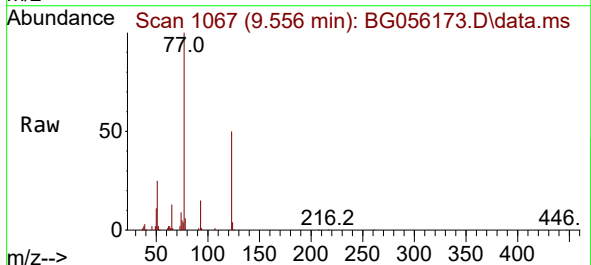
Instrument :  
BNA\_G  
ClientSampleId :  
MM-4MS

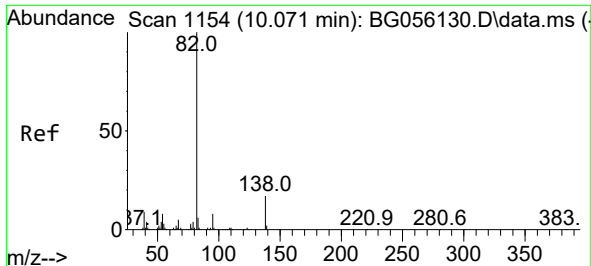
Tgt Ion: 82 Resp: 257562  
Ion Ratio Lower Upper  
82 100  
128 43.0 33.4 50.2  
54 26.7 20.3 30.5



#24  
Nitrobenzene  
Concen: 19.143 ng  
RT: 9.556 min Scan# 1067  
Delta R.T. 0.002 min  
Lab File: BG056173.D  
Acq: 30 Dec 2022 16:32

Tgt Ion: 77 Resp: 126753  
Ion Ratio Lower Upper  
77 100  
123 49.6 38.8 58.2  
65 12.7 9.1 13.7

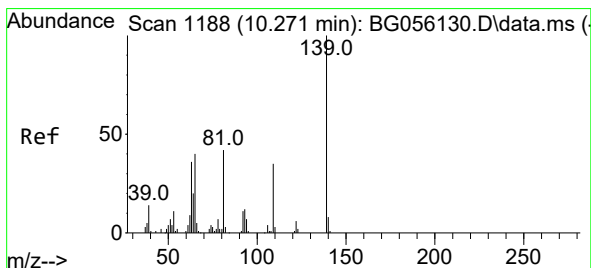
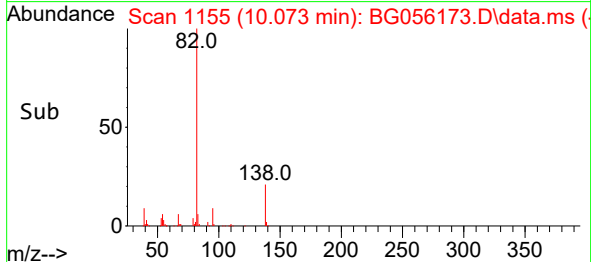
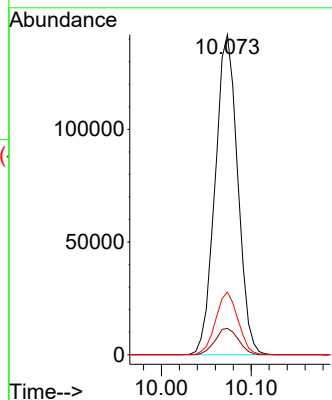
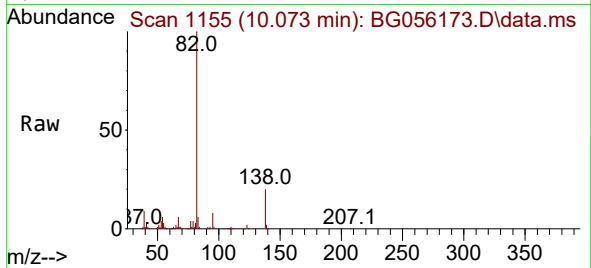




#25  
Isophorone  
Concen: 17.583 ng  
RT: 10.073 min Scan# 1154  
Delta R.T. 0.002 min  
Lab File: BG056173.D  
Acq: 30 Dec 2022 16:32

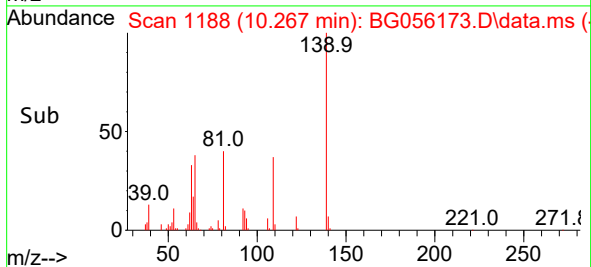
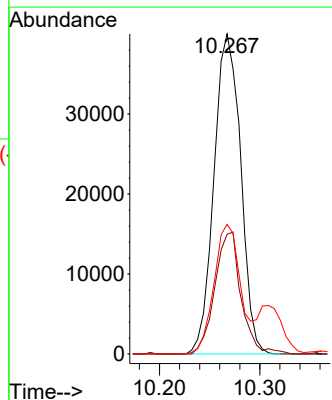
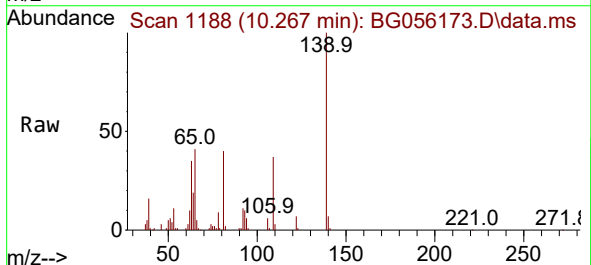
Instrument :  
BNA\_G  
ClientSampleId :  
MM-4MS

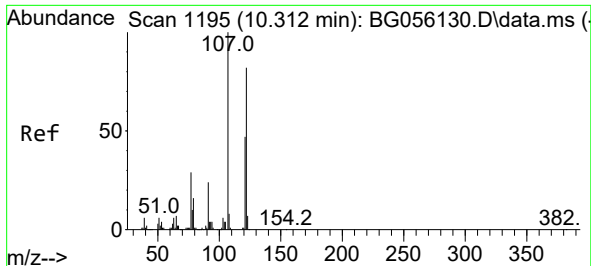
Tgt Ion: 82 Resp: 247170  
Ion Ratio Lower Upper  
82 100  
95 8.2 6.7 10.1  
138 19.6 13.7 20.5



#26  
2-Nitrophenol  
Concen: 21.782 ng  
RT: 10.267 min Scan# 1188  
Delta R.T. -0.004 min  
Lab File: BG056173.D  
Acq: 30 Dec 2022 16:32

Tgt Ion: 139 Resp: 73793  
Ion Ratio Lower Upper  
139 100  
109 37.4 28.4 42.6  
65 40.5 32.1 48.1





#27

2,4-Dimethylphenol

Concen: 21.321 ng

RT: 10.308 min Scan# 1195

Delta R.T. -0.004 min

Lab File: BG056173.D

Acq: 30 Dec 2022 16:32

Instrument :

BNA\_G

ClientSampleId :

MM-4MS

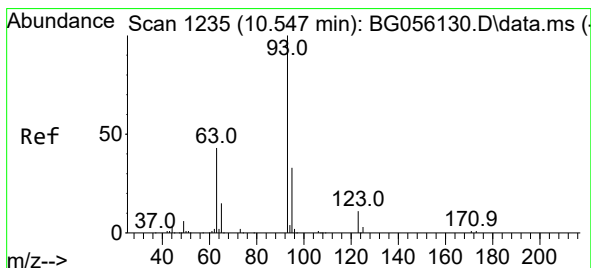
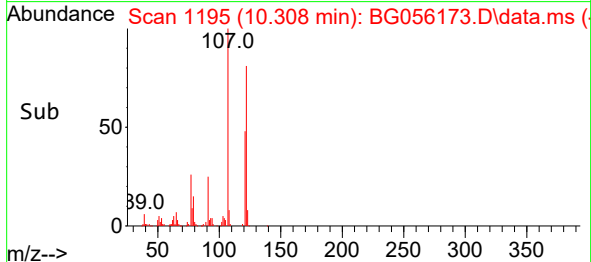
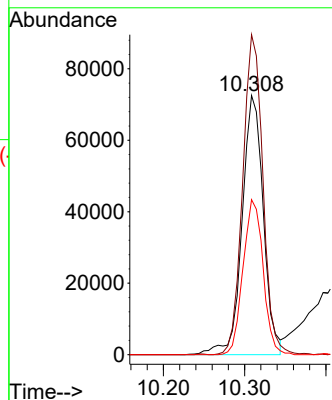
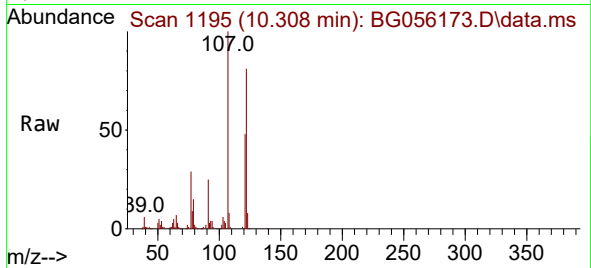
Tgt Ion:122 Resp: 131740

Ion Ratio Lower Upper

122 100

107 123.5 97.5 146.3

121 59.9 45.9 68.9



#28

bis(2-Chloroethoxy)methane

Concen: 19.461 ng

RT: 10.549 min Scan# 1236

Delta R.T. 0.002 min

Lab File: BG056173.D

Acq: 30 Dec 2022 16:32

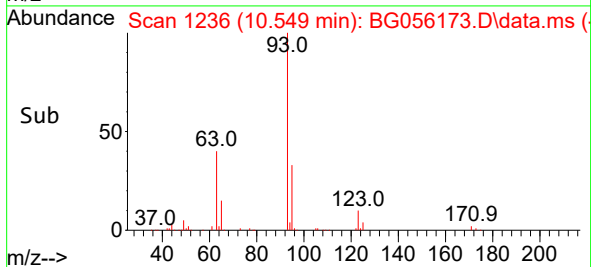
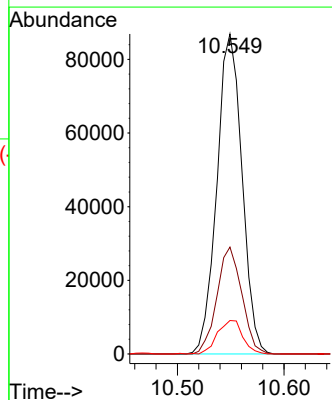
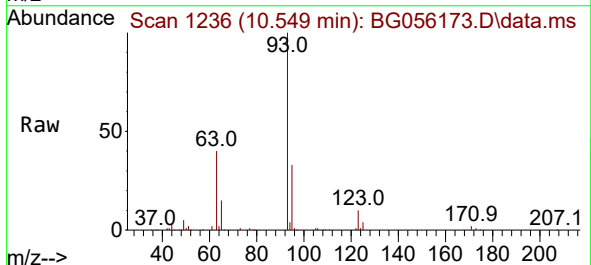
Tgt Ion: 93 Resp: 142191

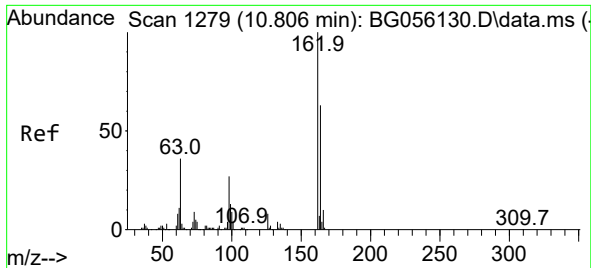
Ion Ratio Lower Upper

93 100

95 33.4 26.2 39.2

123 10.5 9.0 13.6





#29

2,4-Dichlorophenol

Concen: 22.222 ng

RT: 10.802 min Scan# 1

Delta R.T. -0.004 min

Lab File: BG056173.D

Acq: 30 Dec 2022 16:32

Instrument :

BNA\_G

ClientSampleId :

MM-4MS

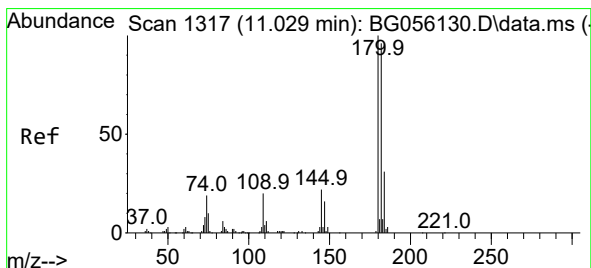
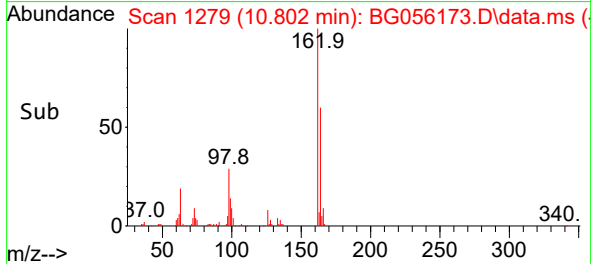
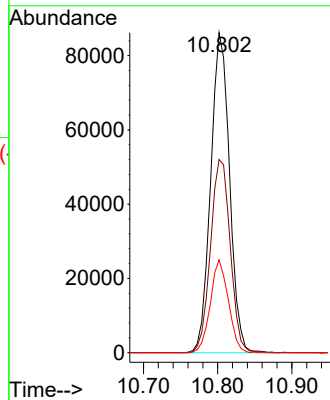
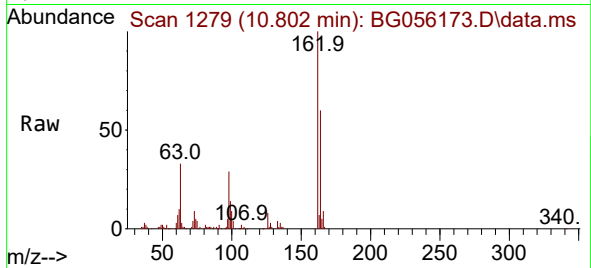
Tgt Ion:162 Resp: 151803

Ion Ratio Lower Upper

162 100

164 60.4 43.3 83.3

98 29.0 6.8 46.8



#30

1,2,4-Trichlorobenzene

Concen: 21.461 ng

RT: 11.025 min Scan# 1317

Delta R.T. -0.004 min

Lab File: BG056173.D

Acq: 30 Dec 2022 16:32

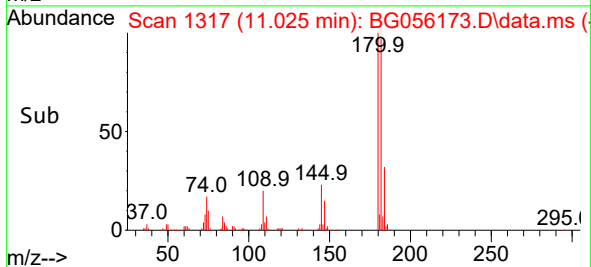
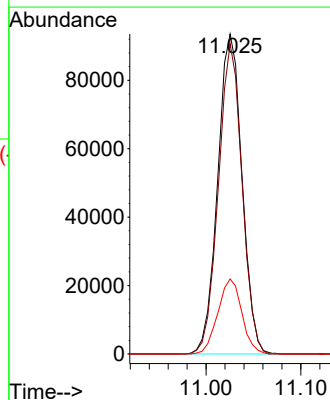
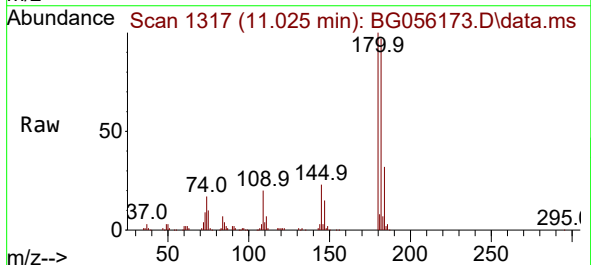
Tgt Ion:180 Resp: 166369

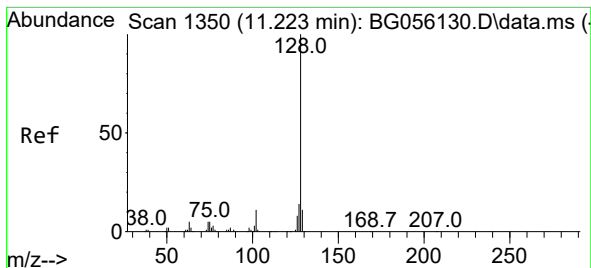
Ion Ratio Lower Upper

180 100

182 97.0 77.0 115.4

145 23.5 17.4 26.2

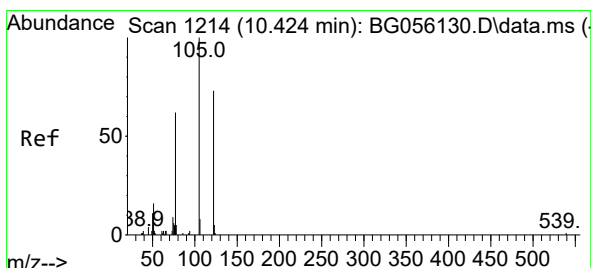
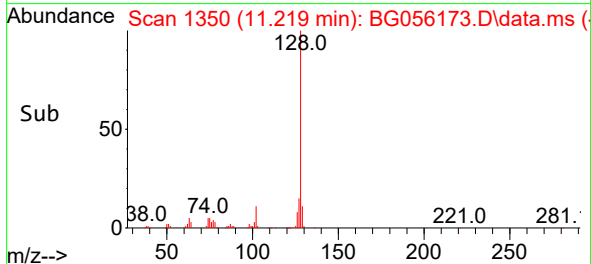
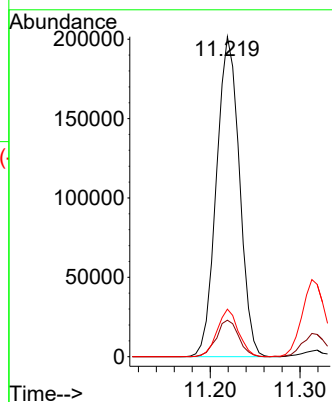
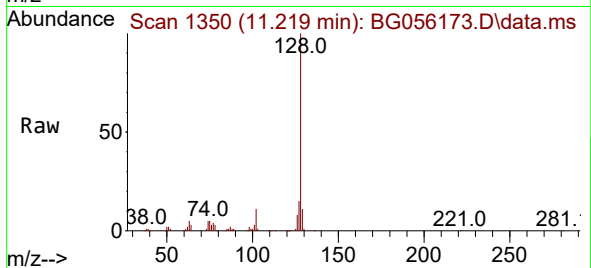




#31  
Naphthalene  
Concen: 19.889 ng  
RT: 11.219 min Scan# 11  
Delta R.T. -0.004 min  
Lab File: BG056173.D  
Acq: 30 Dec 2022 16:32

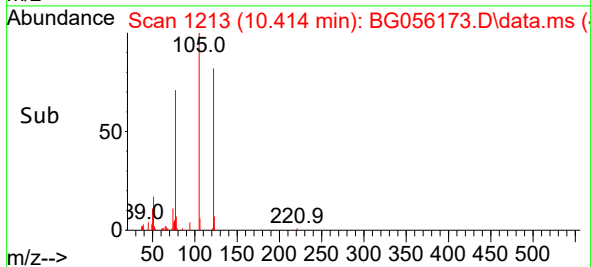
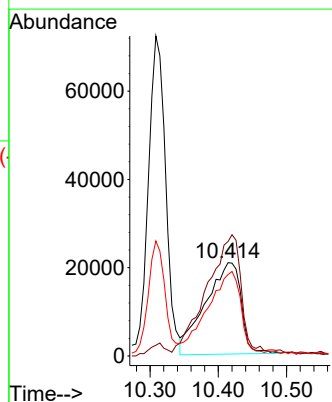
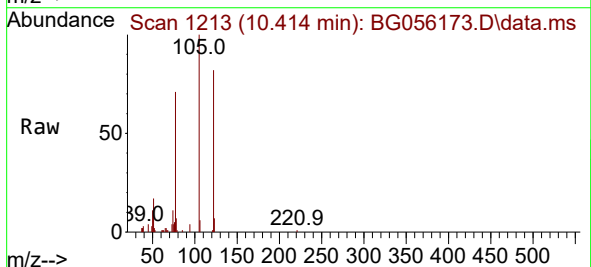
Instrument :  
BNA\_G  
ClientSampleId :  
MM-4MS

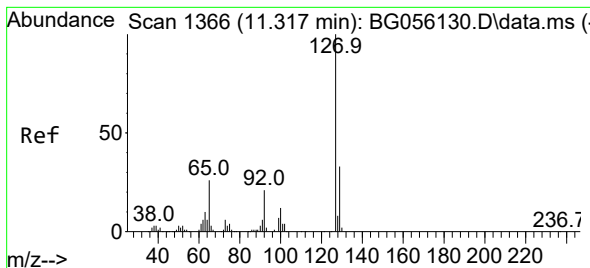
Tgt Ion:128 Resp: 357732  
Ion Ratio Lower Upper  
128 100  
129 11.4 8.9 13.3  
127 14.8 11.2 16.8



#32  
Benzoic acid  
Concen: 16.400 ng  
RT: 10.414 min Scan# 1213  
Delta R.T. -0.010 min  
Lab File: BG056173.D  
Acq: 30 Dec 2022 16:32

Tgt Ion:122 Resp: 75187  
Ion Ratio Lower Upper  
122 100  
105 122.6 109.0 149.0  
77 87.2 63.1 103.1





#33

4-Chloroaniline

Concen: 10.216 ng

RT: 11.313 min Scan# 1

Delta R.T. -0.004 min

Lab File: BG056173.D

Acq: 30 Dec 2022 16:32

Instrument :

BNA\_G

ClientSampleId :

MM-4MS

Tgt Ion:127 Resp: 87727

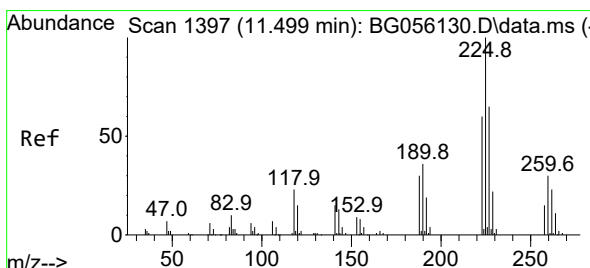
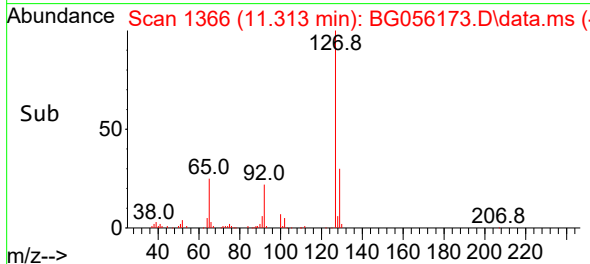
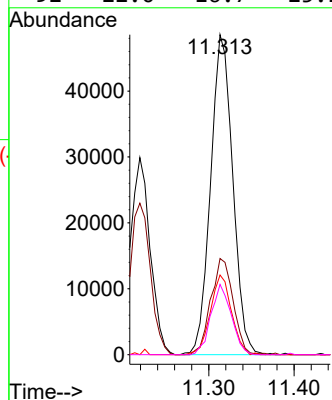
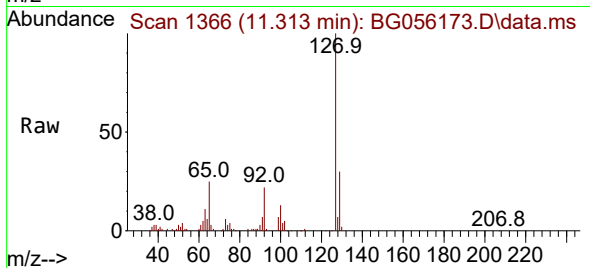
Ion Ratio Lower Upper

127 100

129 30.0 26.1 39.1

65 24.9 20.9 31.3

92 22.0 16.7 25.1



#34

Hexachlorobutadiene

Concen: 21.574 ng

RT: 11.495 min Scan# 1397

Delta R.T. -0.004 min

Lab File: BG056173.D

Acq: 30 Dec 2022 16:32

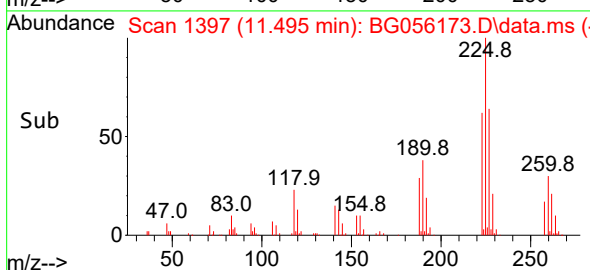
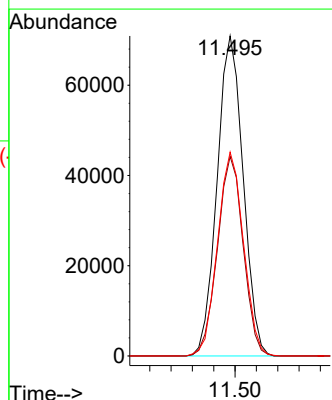
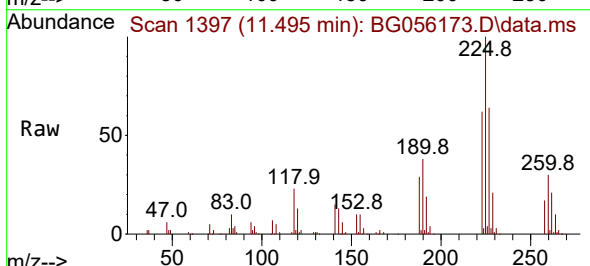
Tgt Ion:225 Resp: 120286

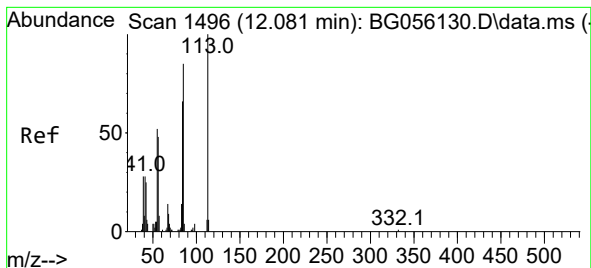
Ion Ratio Lower Upper

225 100

223 65.2 47.7 71.5

227 63.7 52.3 78.5





#35

Caprolactam

Concen: 11.227 ng

RT: 12.083 min Scan# 1496

Delta R.T. 0.002 min

Lab File: BG056173.D

Acq: 30 Dec 2022 16:32

Instrument :

BNA\_G

ClientSampleId :

MM-4MS

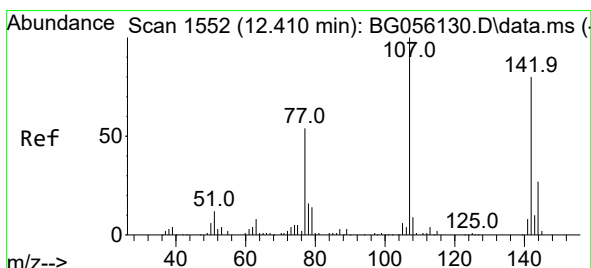
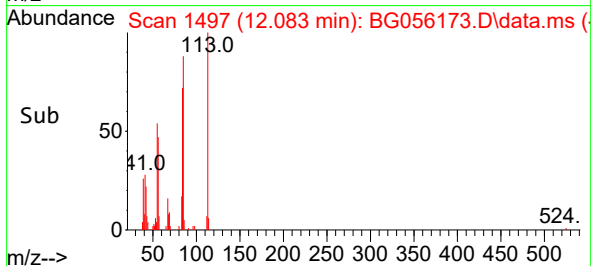
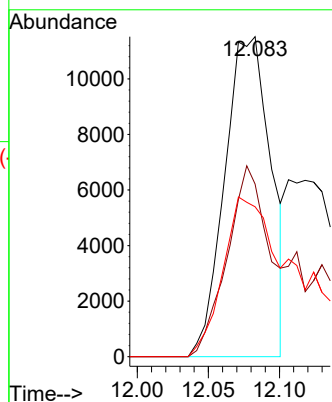
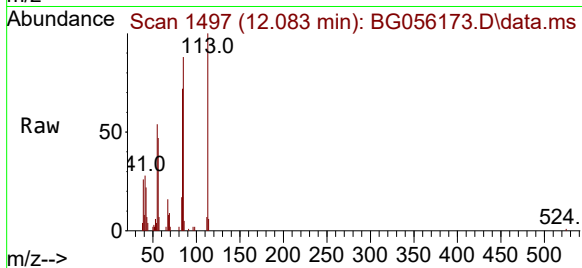
Tgt Ion:113 Resp: 25966

Ion Ratio Lower Upper

113 100

55 54.0 31.9 71.9

56 46.9 27.6 67.6



#36

4-Chloro-3-methylphenol

Concen: 20.256 ng

RT: 12.406 min Scan# 1552

Delta R.T. -0.004 min

Lab File: BG056173.D

Acq: 30 Dec 2022 16:32

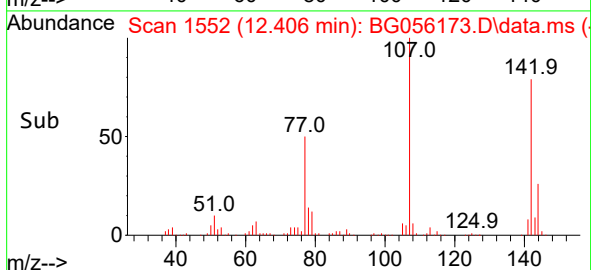
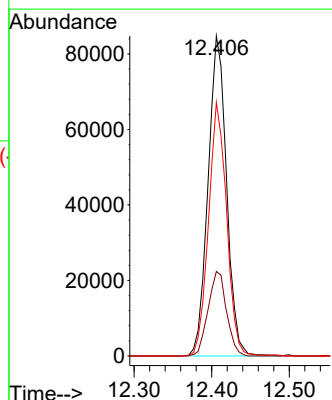
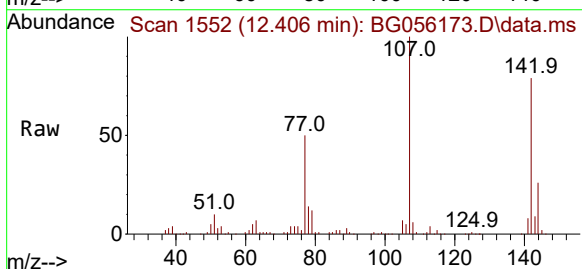
Tgt Ion:107 Resp: 140409

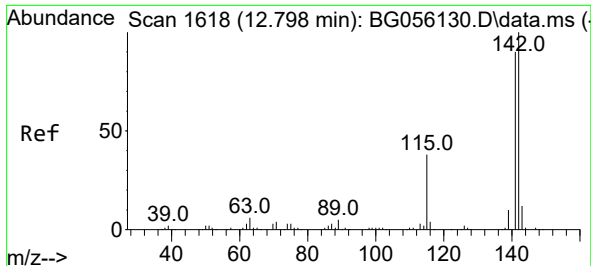
Ion Ratio Lower Upper

107 100

144 26.4 21.5 32.3

142 79.2 63.8 95.6





#37

2-Methylnaphthalene

Concen: 18.711 ng

RT: 12.800 min Scan# 1

Delta R.T. 0.002 min

Lab File: BG056173.D

Acq: 30 Dec 2022 16:32

Instrument :

BNA\_G

ClientSampleId :

MM-4MS

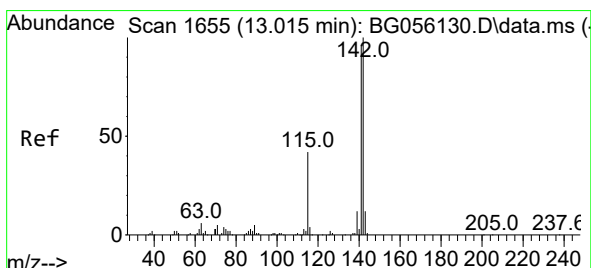
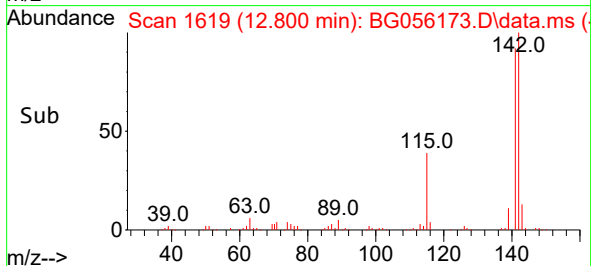
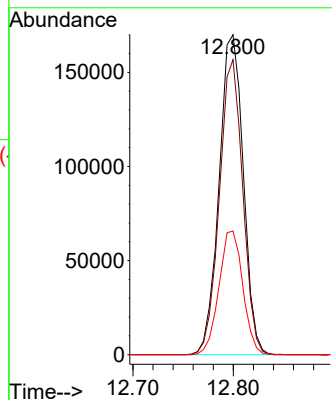
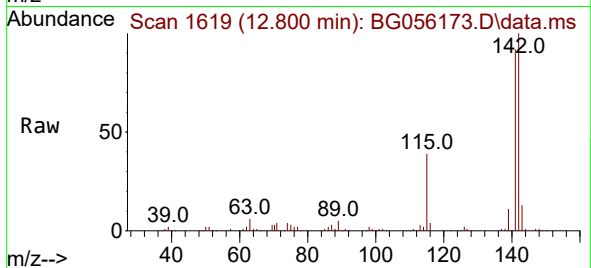
Tgt Ion:142 Resp: 284161

Ion Ratio Lower Upper

142 100

141 92.2 72.2 108.4

115 38.6 30.7 46.1



#38

1-Methylnaphthalene

Concen: 18.722 ng

RT: 13.017 min Scan# 1656

Delta R.T. 0.002 min

Lab File: BG056173.D

Acq: 30 Dec 2022 16:32

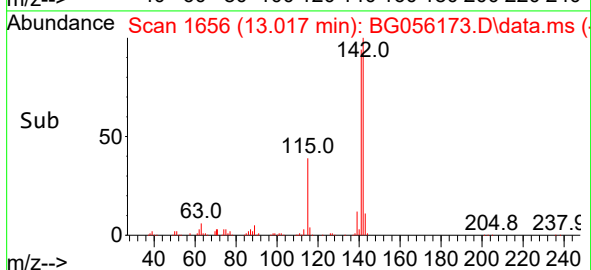
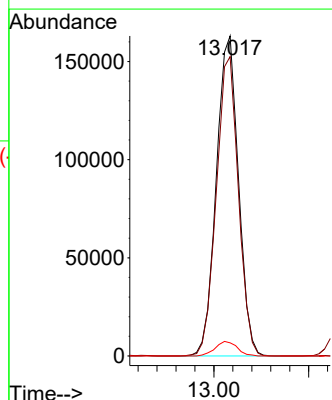
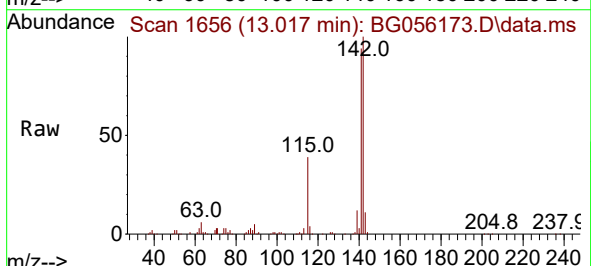
Tgt Ion:142 Resp: 264030

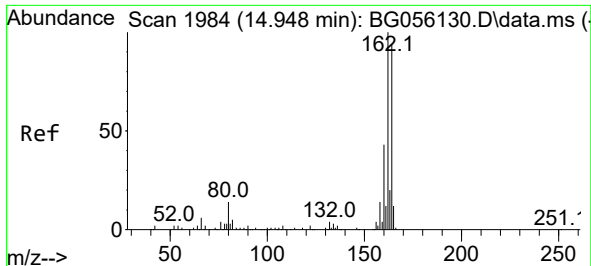
Ion Ratio Lower Upper

142 100

141 93.6 77.0 115.6

116 4.1 3.6 5.4

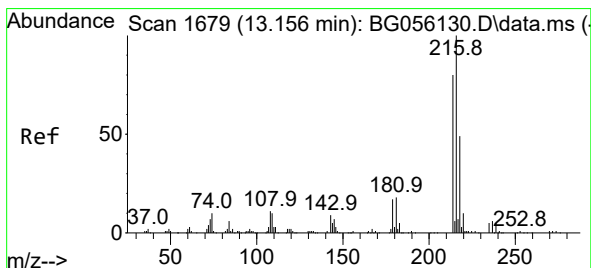
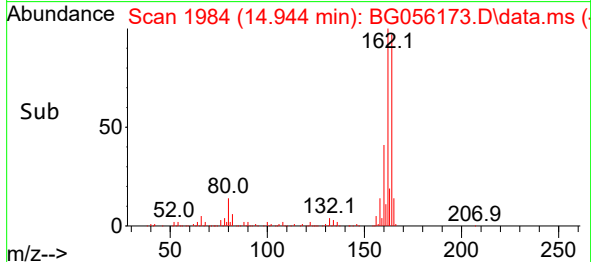
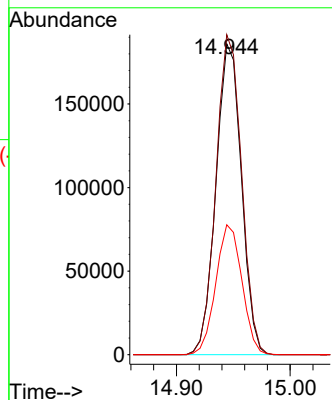
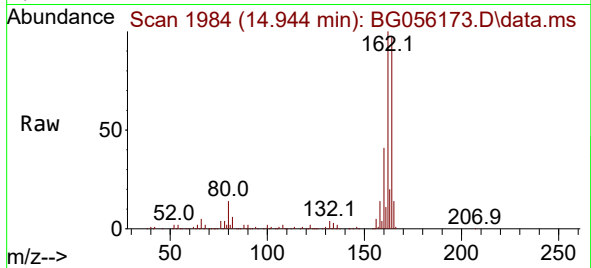




#39  
Acenaphthene-d10  
Concen: 20.000 ng  
RT: 14.944 min Scan# 1984  
Delta R.T. -0.004 min  
Lab File: BG056173.D  
Acq: 30 Dec 2022 16:32

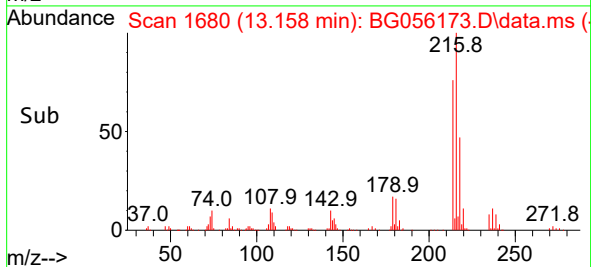
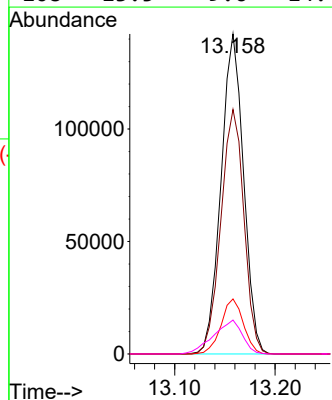
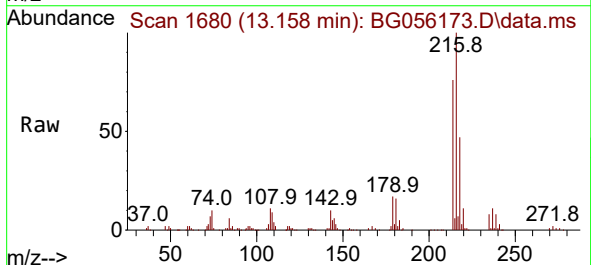
Instrument :  
BNA\_G  
ClientSampleId :  
MM-4MS

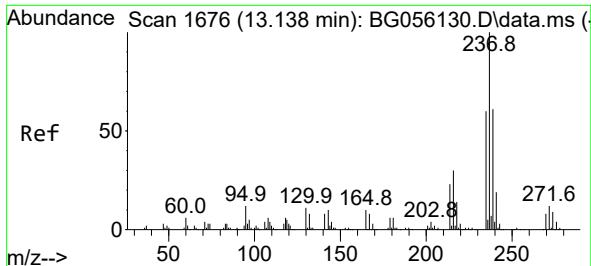
Tgt Ion:164 Resp: 289092  
Ion Ratio Lower Upper  
164 100  
162 102.9 84.7 127.1  
160 41.8 36.3 54.5



#40  
1,2,4,5-Tetrachlorobenzene  
Concen: 20.465 ng  
RT: 13.158 min Scan# 1680  
Delta R.T. 0.002 min  
Lab File: BG056173.D  
Acq: 30 Dec 2022 16:32

Tgt Ion:216 Resp: 221743  
Ion Ratio Lower Upper  
216 100  
214 77.9 63.4 95.0  
179 17.0 13.6 20.4  
108 13.5 9.6 14.4

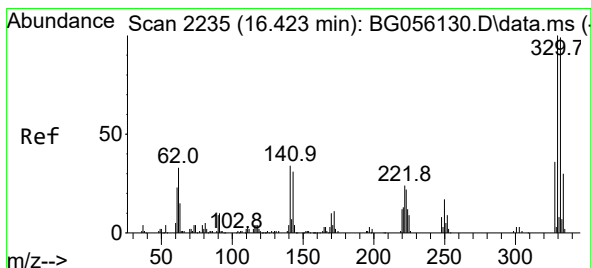
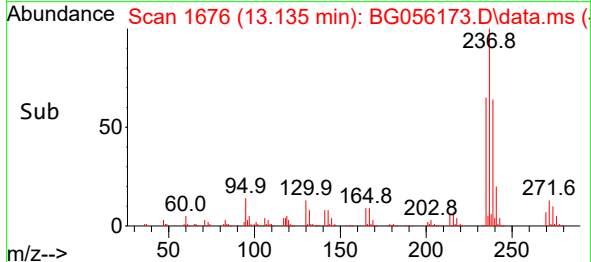
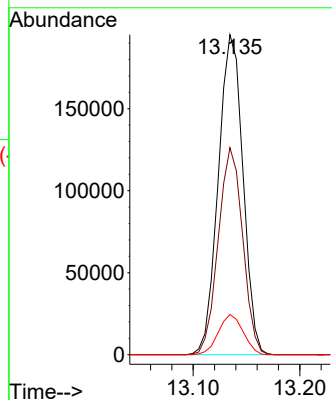
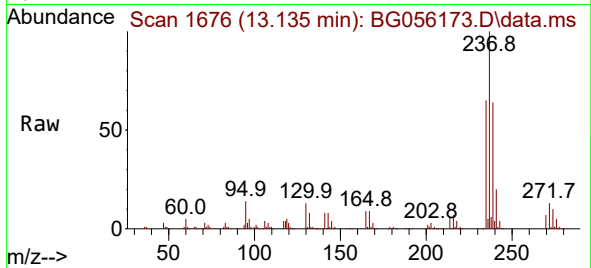




#41  
Hexachlorocyclopentadiene  
Concen: 50.686 ng  
RT: 13.135 min Scan# 1  
Delta R.T. -0.004 min  
Lab File: BG056173.D  
Acq: 30 Dec 2022 16:32

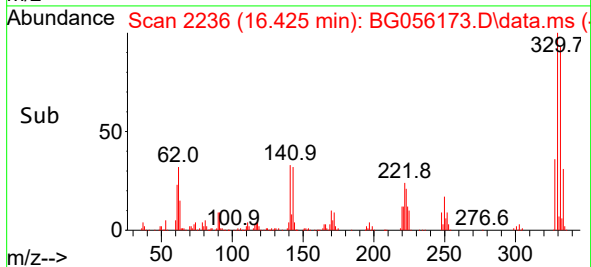
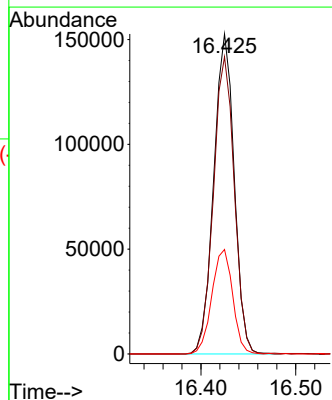
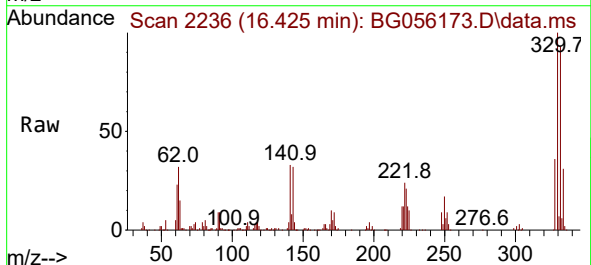
Instrument :  
BNA\_G  
ClientSampleId :  
MM-4MS

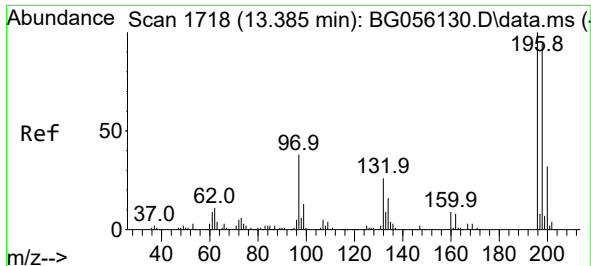
Tgt Ion:237 Resp: 313107  
Ion Ratio Lower Upper  
237 100  
235 64.7 40.3 80.3  
272 12.5 0.0 32.5



#42  
2,4,6-Tribromophenol  
Concen: 62.470 ng  
RT: 16.425 min Scan# 2236  
Delta R.T. 0.002 min  
Lab File: BG056173.D  
Acq: 30 Dec 2022 16:32

Tgt Ion:330 Resp: 228720  
Ion Ratio Lower Upper  
330 100  
332 94.6 77.3 115.9  
141 33.3 27.9 41.9

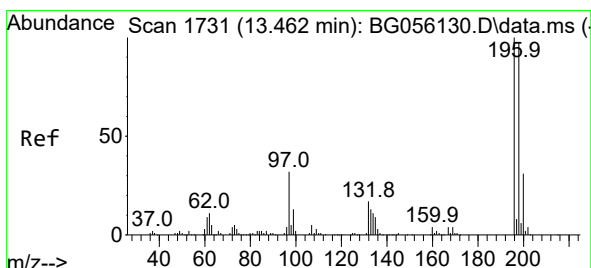
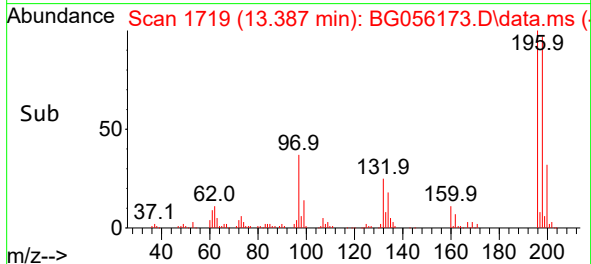
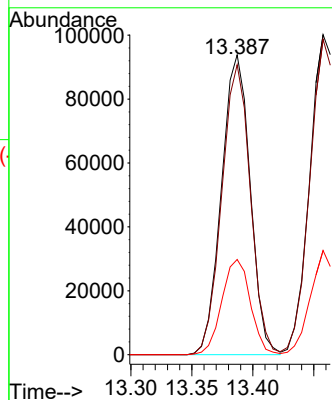
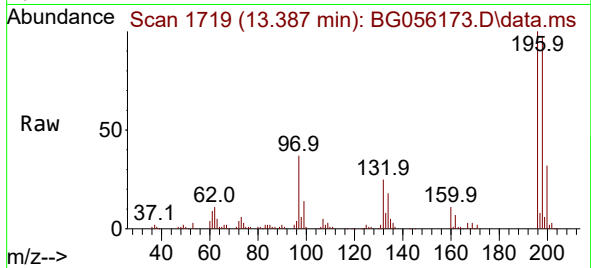




#43  
2,4,6-Trichlorophenol  
Concen: 21.452 ng  
RT: 13.387 min Scan# 1718  
Delta R.T. 0.002 min  
Lab File: BG056173.D  
Acq: 30 Dec 2022 16:32

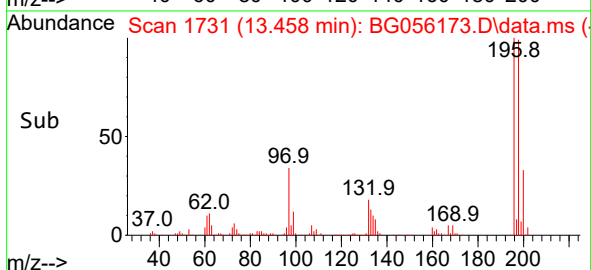
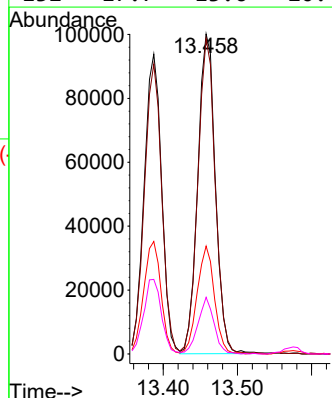
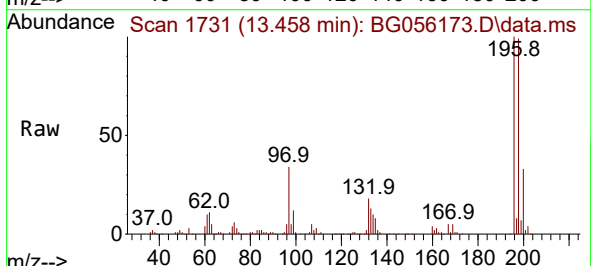
Instrument :  
BNA\_G  
ClientSampleId :  
MM-4MS

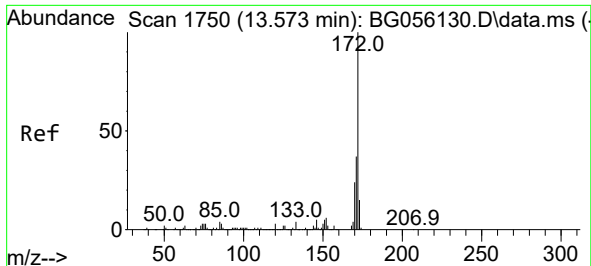
Tgt Ion:196 Resp: 153694  
Ion Ratio Lower Upper  
196 100  
198 96.7 75.5 113.3  
200 31.7 25.7 38.5



#44  
2,4,5-Trichlorophenol  
Concen: 19.498 ng  
RT: 13.458 min Scan# 1731  
Delta R.T. -0.004 min  
Lab File: BG056173.D  
Acq: 30 Dec 2022 16:32

Tgt Ion:196 Resp: 165249  
Ion Ratio Lower Upper  
196 100  
198 98.6 78.0 117.0  
97 33.7 25.7 38.5  
132 17.7 13.6 20.4

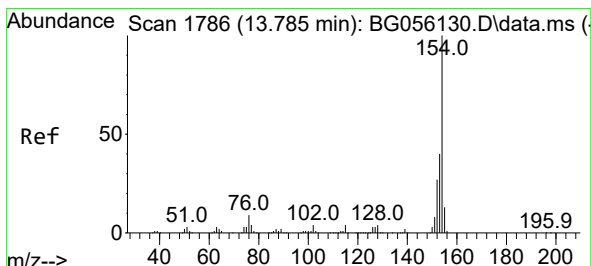
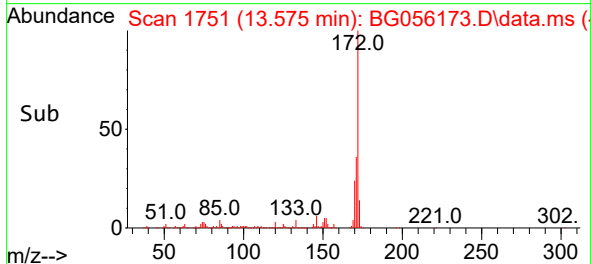
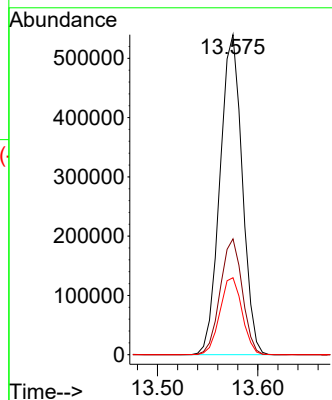
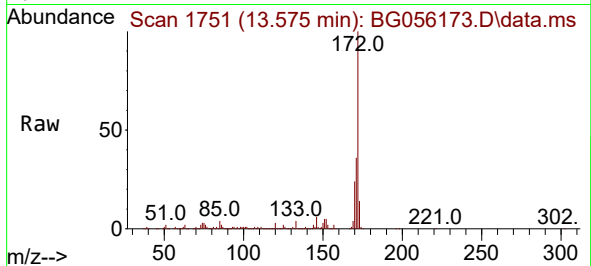




#45  
2-Fluorobiphenyl  
Concen: 39.667 ng  
RT: 13.575 min Scan# 1750  
Delta R.T. 0.002 min  
Lab File: BG056173.D  
Acq: 30 Dec 2022 16:32

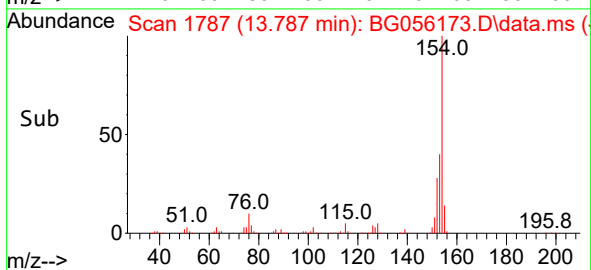
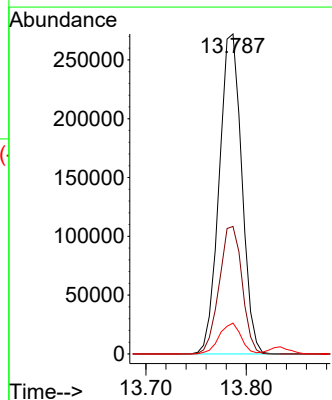
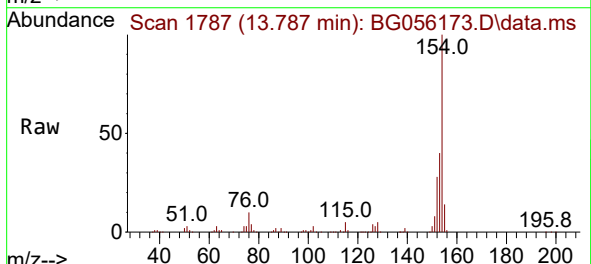
Instrument :  
BNA\_G  
ClientSampleId :  
MM-4MS

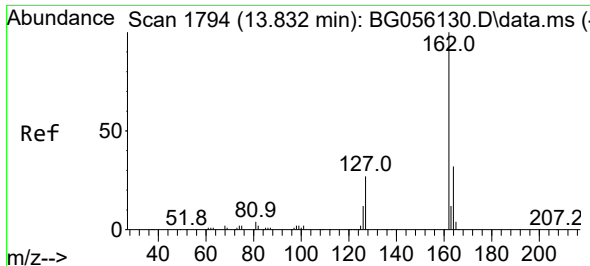
Tgt Ion:172 Resp: 830427  
Ion Ratio Lower Upper  
172 100  
171 36.2 29.6 44.4  
170 24.1 19.4 29.2



#46  
1,1'-Biphenyl  
Concen: 20.492 ng  
RT: 13.787 min Scan# 1787  
Delta R.T. 0.002 min  
Lab File: BG056173.D  
Acq: 30 Dec 2022 16:32

Tgt Ion:154 Resp: 424266  
Ion Ratio Lower Upper  
154 100  
153 39.8 20.0 60.0  
76 9.7 0.0 29.3

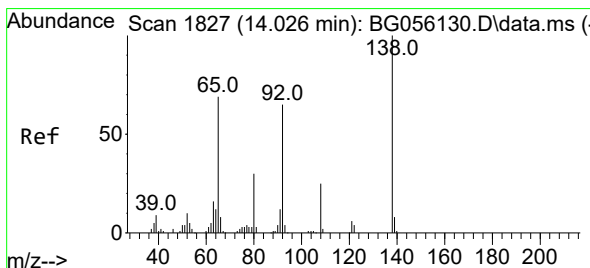
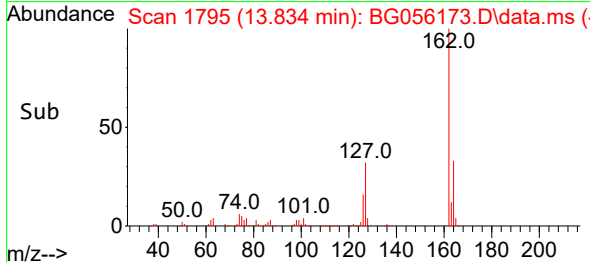
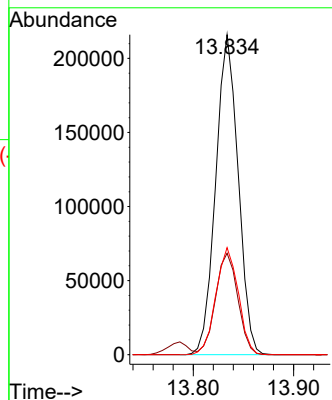
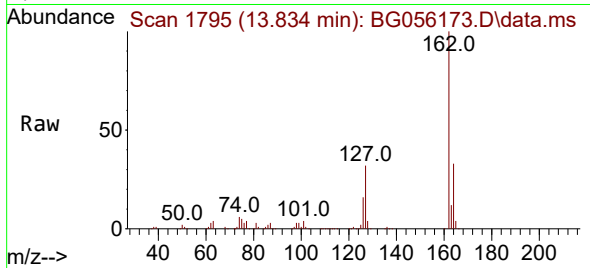




#47  
2-Chloronaphthalene  
Concen: 20.496 ng  
RT: 13.834 min Scan# 1  
Delta R.T. 0.002 min  
Lab File: BG056173.D  
Acq: 30 Dec 2022 16:32

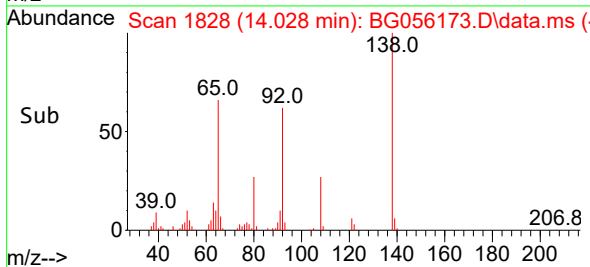
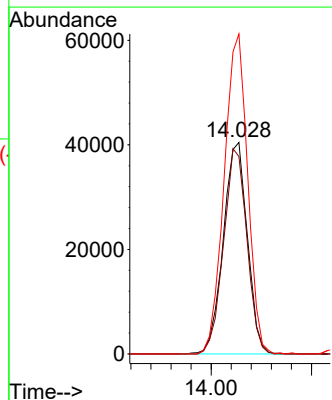
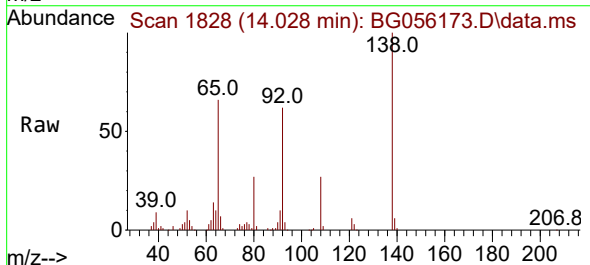
Instrument :  
BNA\_G  
ClientSampleId :  
MM-4MS

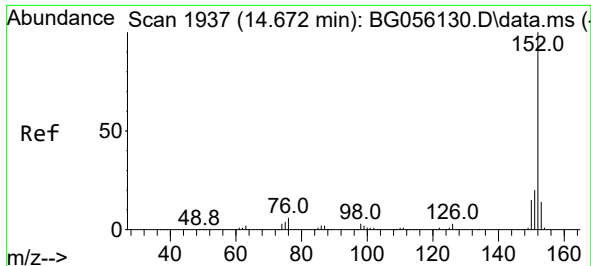
Tgt Ion:162 Resp: 334949  
Ion Ratio Lower Upper  
162 100  
127 31.7 24.6 36.8  
164 33.5 25.8 38.8



#48  
2-Nitroaniline  
Concen: 19.324 ng  
RT: 14.028 min Scan# 1828  
Delta R.T. 0.002 min  
Lab File: BG056173.D  
Acq: 30 Dec 2022 16:32

Tgt Ion: 65 Resp: 67284  
Ion Ratio Lower Upper  
65 100  
92 93.3 76.0 114.0  
138 151.3 116.6 174.8

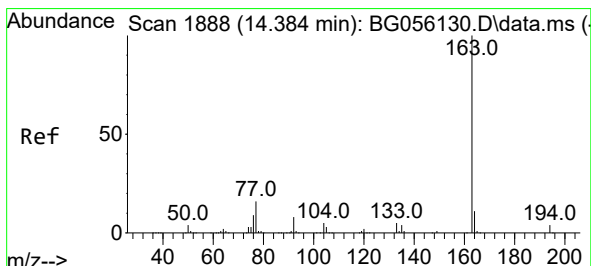
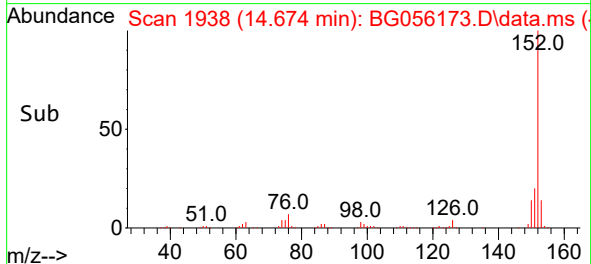
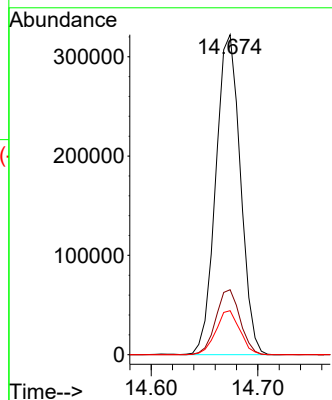
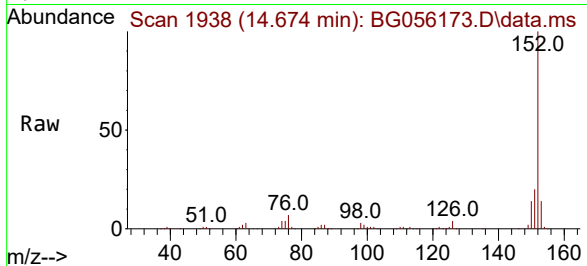




#49  
Acenaphthylene  
Concen: 19.415 ng  
RT: 14.674 min Scan# 1938  
Delta R.T. 0.002 min  
Lab File: BG056173.D  
Acq: 30 Dec 2022 16:32

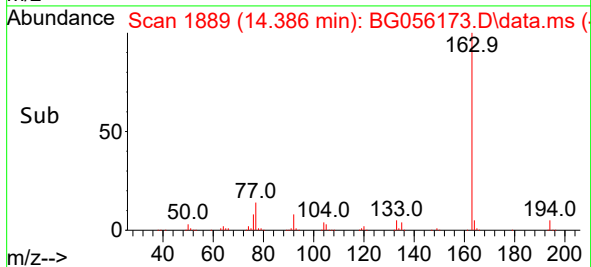
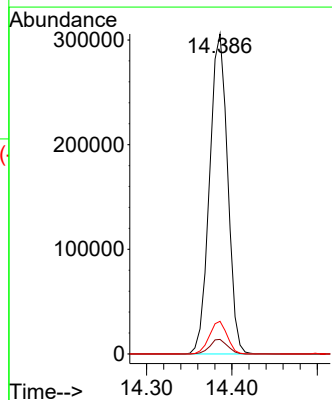
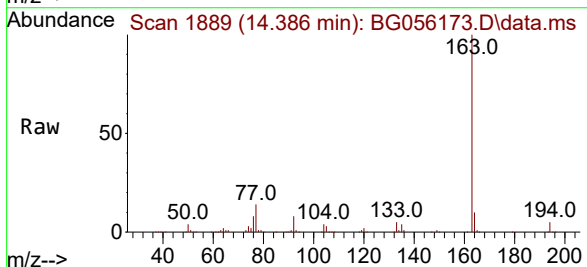
Instrument :  
BNA\_G  
ClientSampleId :  
MM-4MS

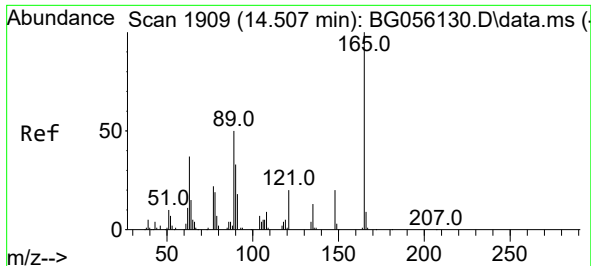
Tgt Ion:152 Resp: 516320  
Ion Ratio Lower Upper  
152 100  
151 20.3 16.0 24.0  
153 13.8 11.0 16.6



#50  
Dimethylphthalate  
Concen: 19.236 ng  
RT: 14.386 min Scan# 1889  
Delta R.T. 0.002 min  
Lab File: BG056173.D  
Acq: 30 Dec 2022 16:32

Tgt Ion:163 Resp: 448927  
Ion Ratio Lower Upper  
163 100  
194 4.6 3.5 5.3  
164 10.2 8.7 13.1

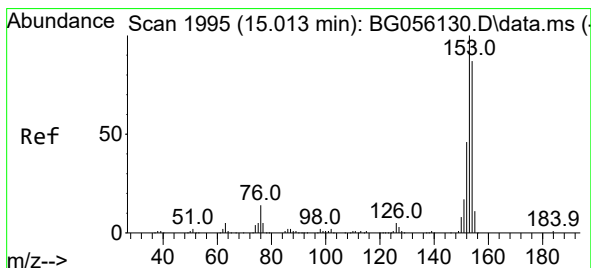
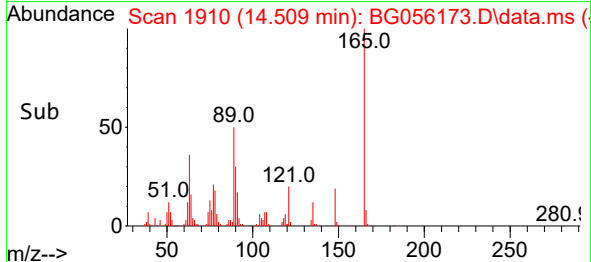
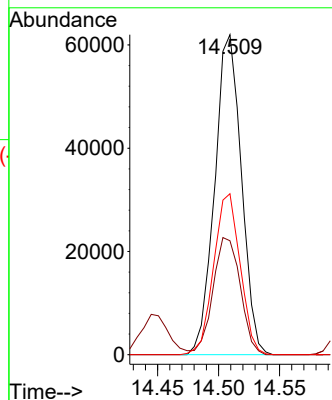
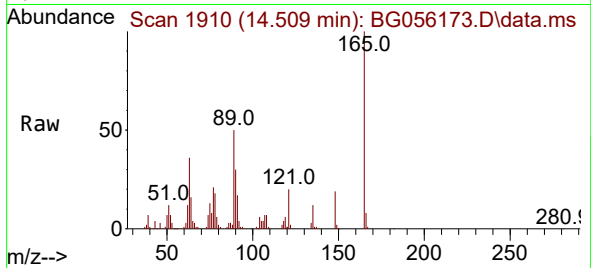




#51  
2,6-Dinitrotoluene  
Concen: 18.977 ng  
RT: 14.509 min Scan# 1909  
Delta R.T. 0.002 min  
Lab File: BG056173.D  
Acq: 30 Dec 2022 16:32

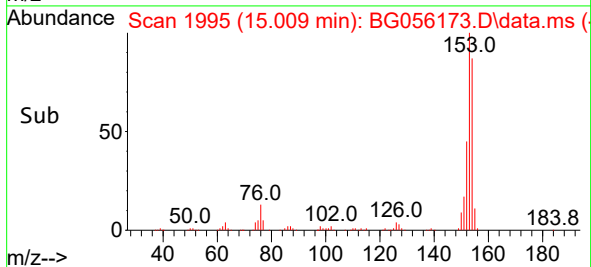
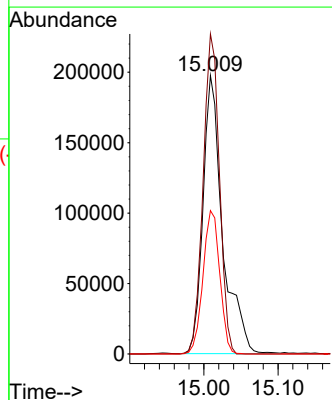
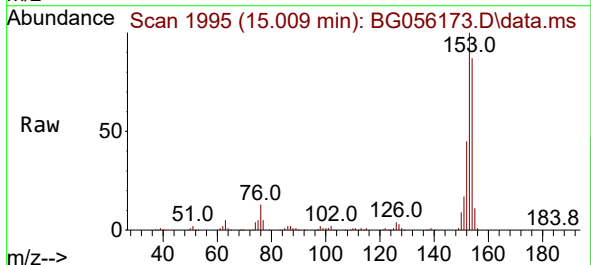
Instrument :  
BNA\_G  
ClientSampleId :  
MM-4MS

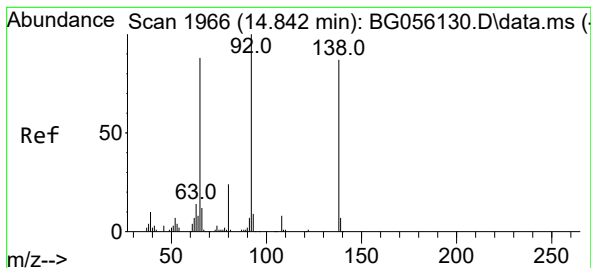
Tgt Ion:165 Resp: 94367  
Ion Ratio Lower Upper  
165 100  
63 35.6 32.2 48.2  
89 50.3 39.8 59.8



#52  
Acenaphthene  
Concen: 21.091 ng  
RT: 15.009 min Scan# 1995  
Delta R.T. -0.004 min  
Lab File: BG056173.D  
Acq: 30 Dec 2022 16:32

Tgt Ion:154 Resp: 364787  
Ion Ratio Lower Upper  
154 100  
153 114.9 92.0 138.0  
152 51.5 42.5 63.7

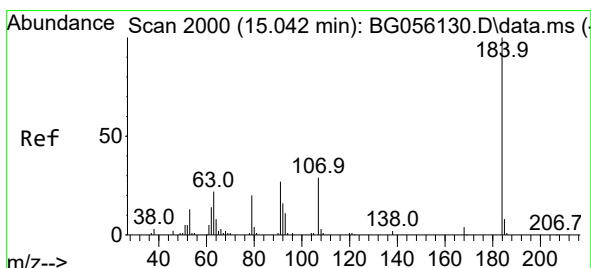
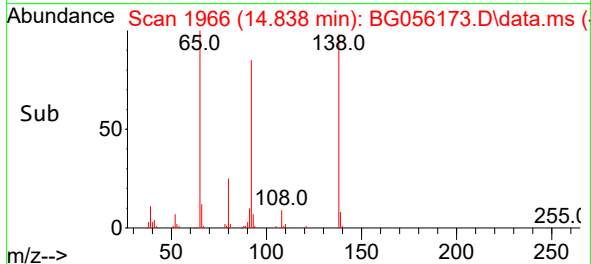
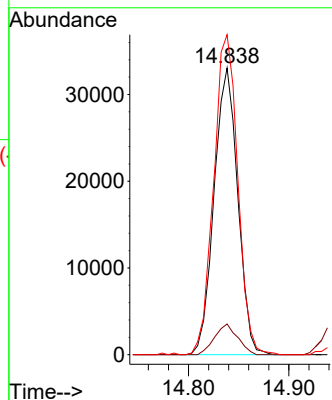
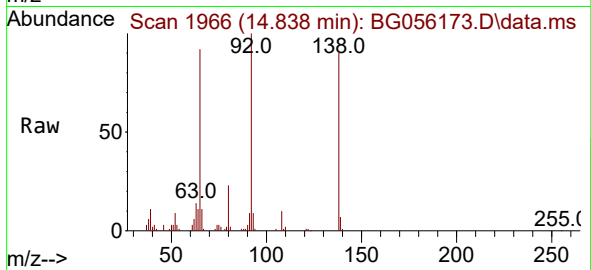




#53  
3-Nitroaniline  
Concen: 11.439 ng  
RT: 14.838 min Scan# 1966  
Delta R.T. -0.004 min  
Lab File: BG056173.D  
Acq: 30 Dec 2022 16:32

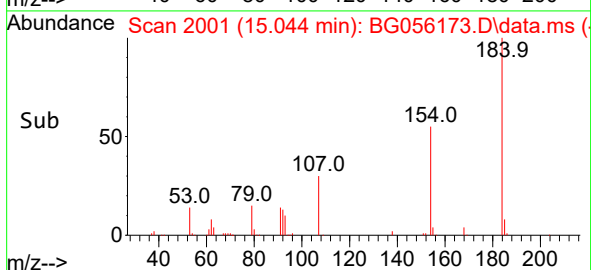
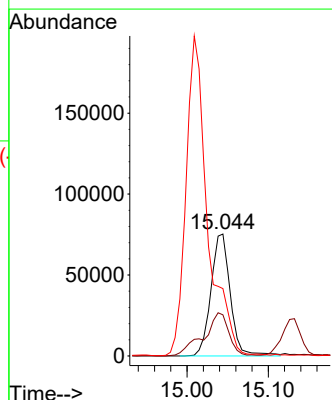
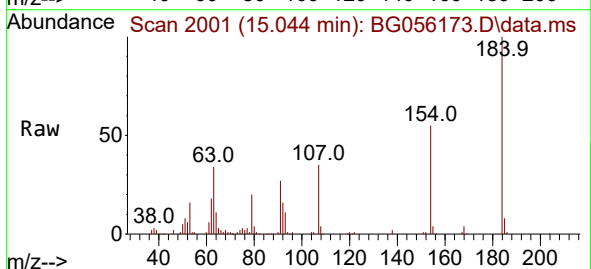
Instrument :  
BNA\_G  
ClientSampleId :  
MM-4MS

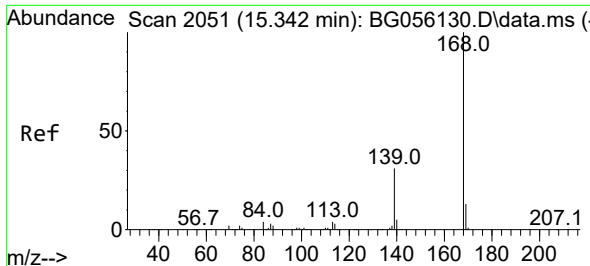
Tgt Ion:138 Resp: 54136  
Ion Ratio Lower Upper  
138 100  
108 10.7 7.6 11.4  
92 111.6 91.7 137.5



#54  
2,4-Dinitrophenol  
Concen: 35.156 ng  
RT: 15.044 min Scan# 2001  
Delta R.T. 0.002 min  
Lab File: BG056173.D  
Acq: 30 Dec 2022 16:32

Tgt Ion:184 Resp: 124892  
Ion Ratio Lower Upper  
184 100  
63 33.7 24.0 36.0  
154 55.3 45.4 68.0

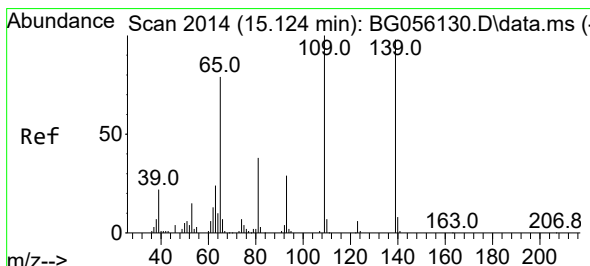
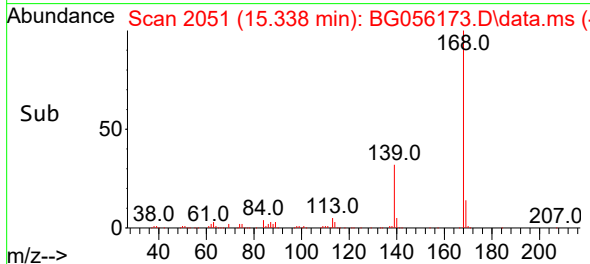
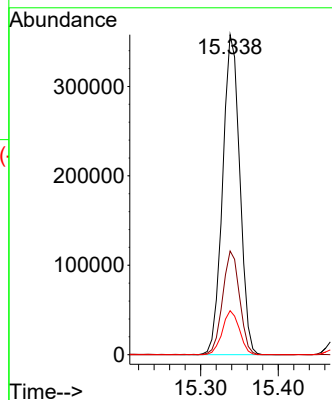
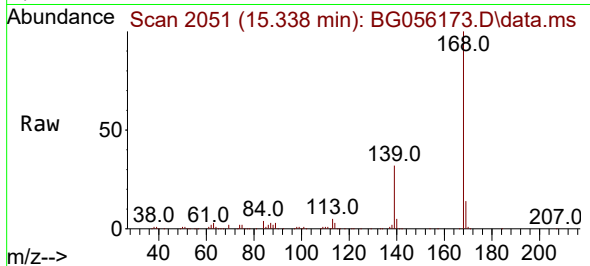




#55  
Dibenzofuran  
Concen: 19.229 ng  
RT: 15.338 min Scan# 2051  
Delta R.T. -0.004 min  
Lab File: BG056173.D  
Acq: 30 Dec 2022 16:32

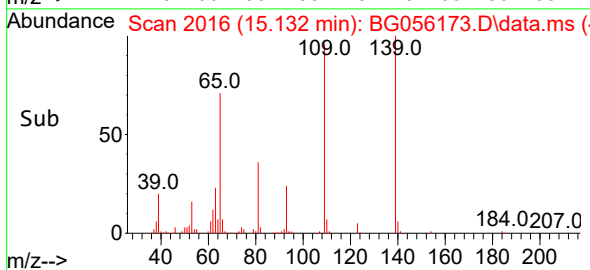
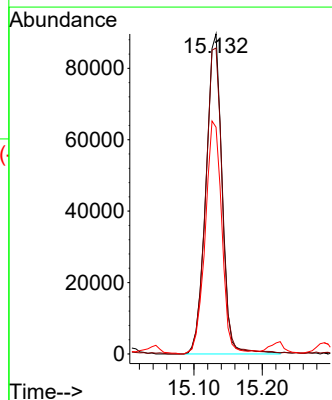
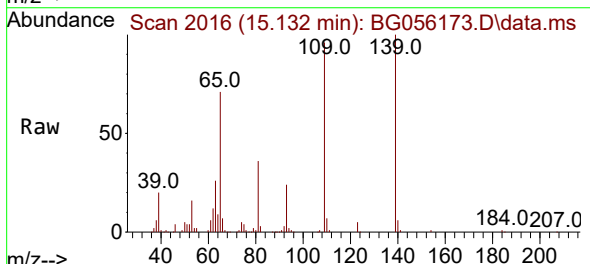
Instrument :  
BNA\_G  
ClientSampleId :  
MM-4MS

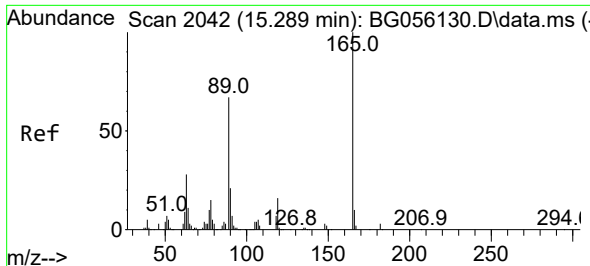
Tgt Ion:168 Resp: 550362  
Ion Ratio Lower Upper  
168 100  
139 32.4 24.7 37.1  
169 13.7 10.3 15.5



#56  
4-Nitrophenol  
Concen: 40.708 ng  
RT: 15.132 min Scan# 2016  
Delta R.T. 0.008 min  
Lab File: BG056173.D  
Acq: 30 Dec 2022 16:32

Tgt Ion:139 Resp: 148169  
Ion Ratio Lower Upper  
139 100  
109 95.6 82.2 122.2  
65 70.9 60.6 100.6

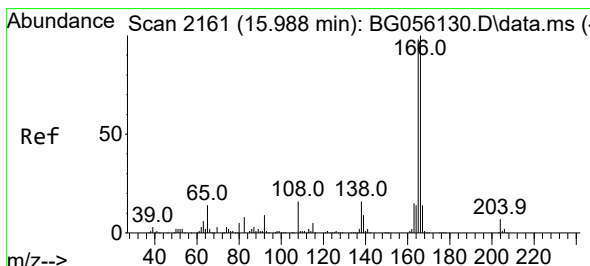
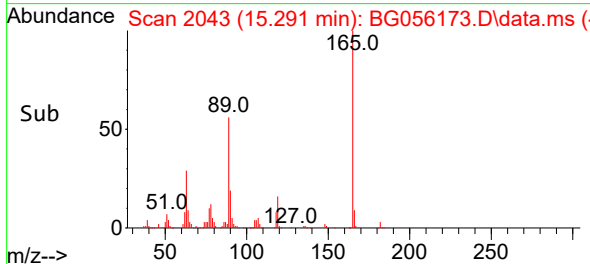
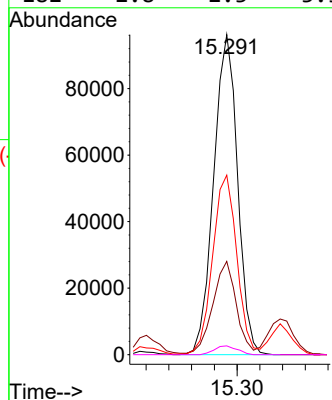
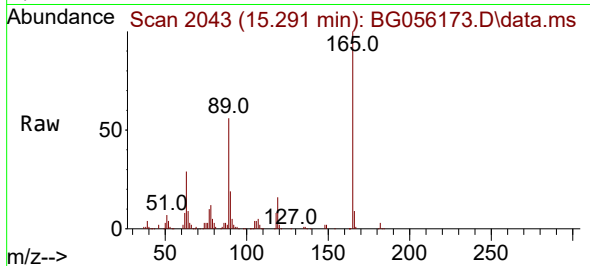




#57  
2,4-Dinitrotoluene  
Concen: 20.203 ng  
RT: 15.291 min Scan# 2043  
Delta R.T. 0.002 min  
Lab File: BG056173.D  
Acq: 30 Dec 2022 16:32

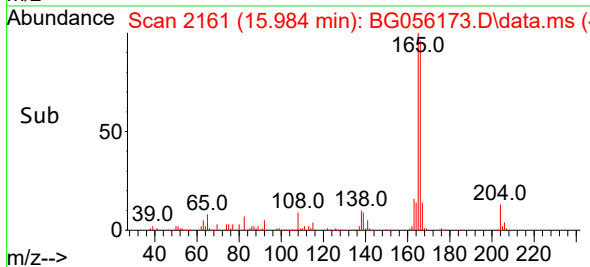
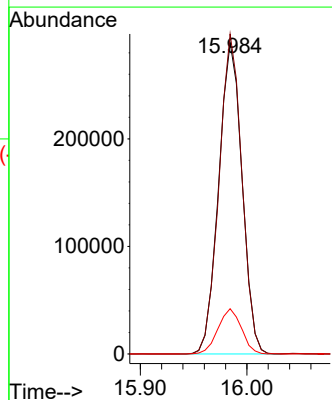
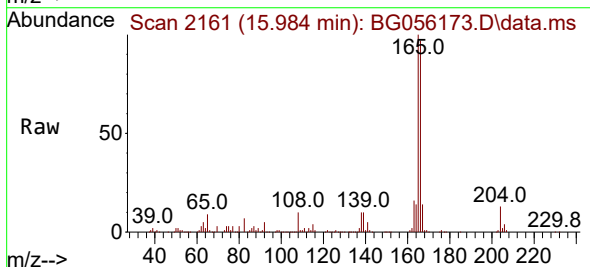
Instrument :  
BNA\_G  
ClientSampleId :  
MM-4MS

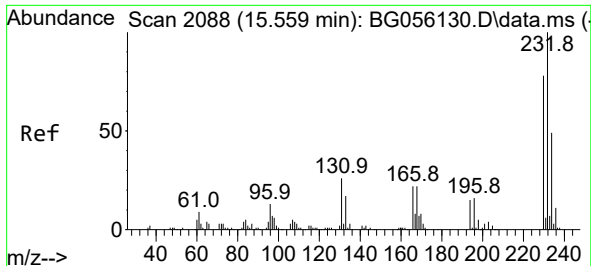
Tgt Ion:165 Resp: 140500  
Ion Ratio Lower Upper  
165 100  
63 29.1 22.6 34.0  
89 56.1 53.2 79.8  
182 2.8 2.3 3.5



#58  
Fluorene  
Concen: 19.092 ng  
RT: 15.984 min Scan# 2161  
Delta R.T. -0.004 min  
Lab File: BG056173.D  
Acq: 30 Dec 2022 16:32

Tgt Ion:166 Resp: 439522  
Ion Ratio Lower Upper  
166 100  
165 102.8 78.6 118.0  
167 14.5 11.1 16.7

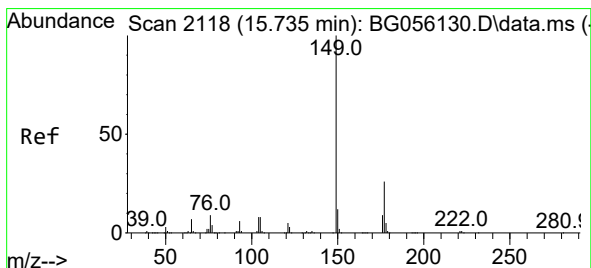
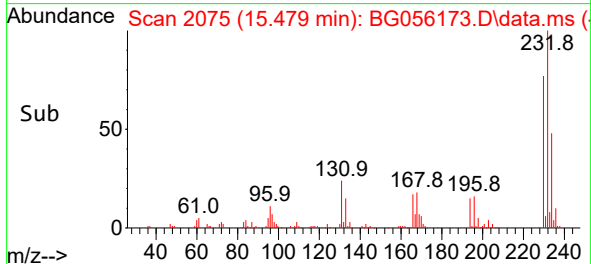
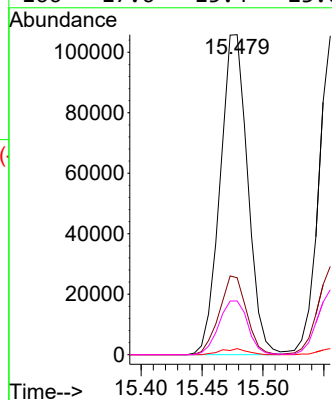
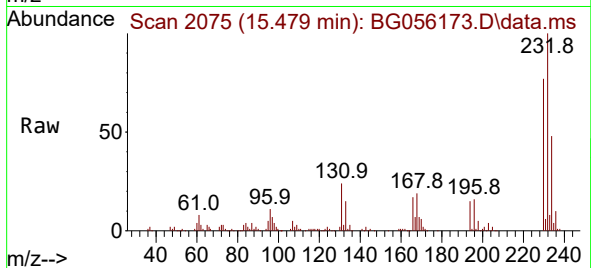




#59  
2,3,4,6-Tetrachlorophenol  
Concen: 20.950 ng  
RT: 15.479 min Scan# 2088  
Delta R.T. -0.080 min  
Lab File: BG056173.D  
Acq: 30 Dec 2022 16:32

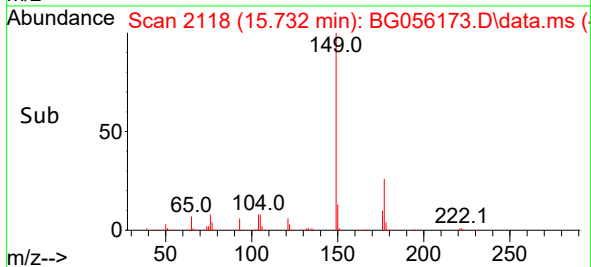
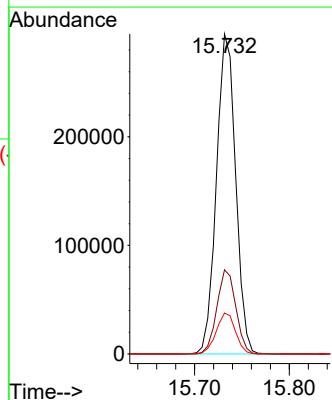
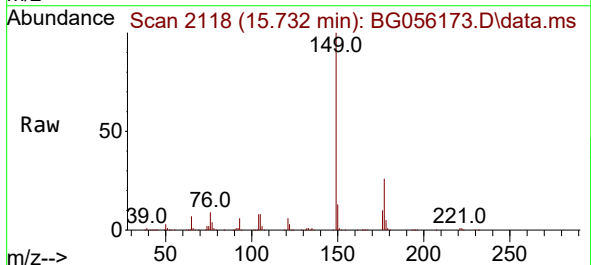
Instrument :  
BNA\_G  
ClientSampleId :  
MM-4MS

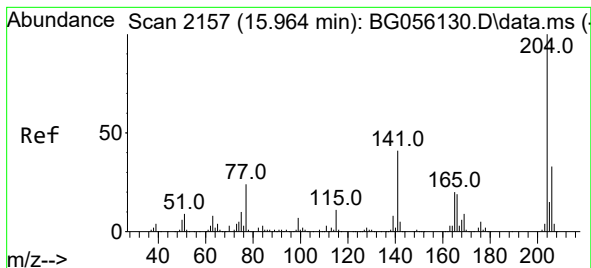
Tgt Ion:232 Resp: 166712  
Ion Ratio Lower Upper  
232 100  
131 24.3 21.4 32.2  
130 1.8 1.4 2.0  
166 17.6 15.4 23.0



#60  
Diethylphthalate  
Concen: 18.948 ng  
RT: 15.732 min Scan# 2118  
Delta R.T. -0.004 min  
Lab File: BG056173.D  
Acq: 30 Dec 2022 16:32

Tgt Ion:149 Resp: 414702  
Ion Ratio Lower Upper  
149 100  
177 26.3 20.6 31.0  
150 12.8 9.9 14.9

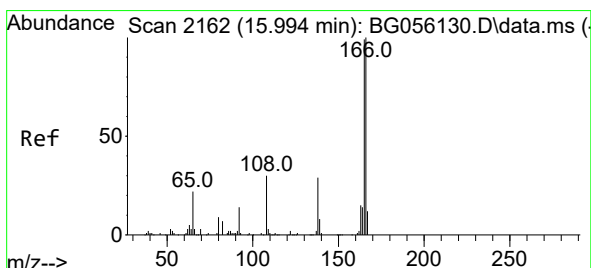
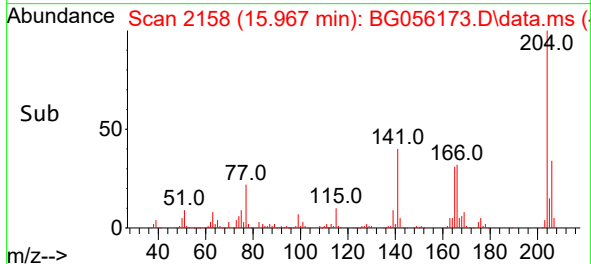
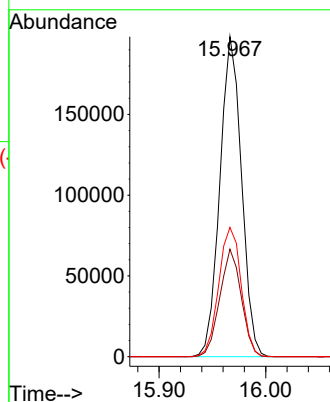
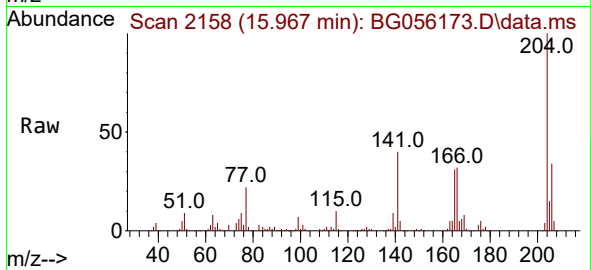




#61  
4-Chlorophenyl-phenylether  
Concen: 19.431 ng  
RT: 15.967 min Scan# 2157  
Delta R.T. 0.002 min  
Lab File: BG056173.D  
Acq: 30 Dec 2022 16:32

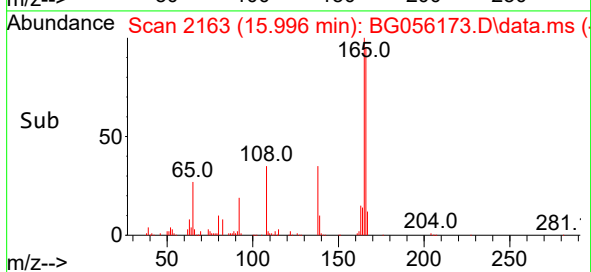
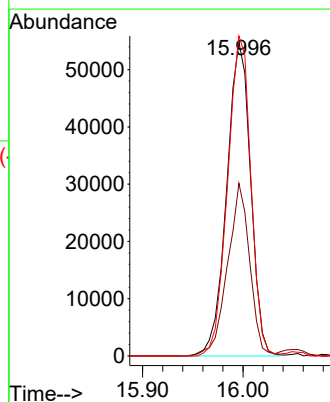
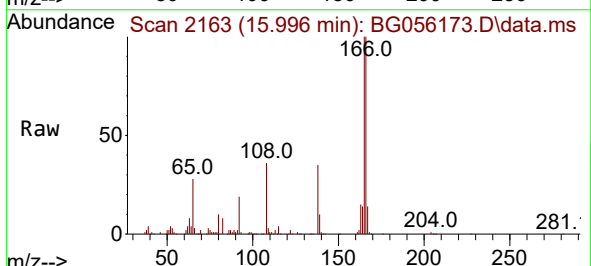
Instrument :  
BNA\_G  
ClientSampleId :  
MM-4MS

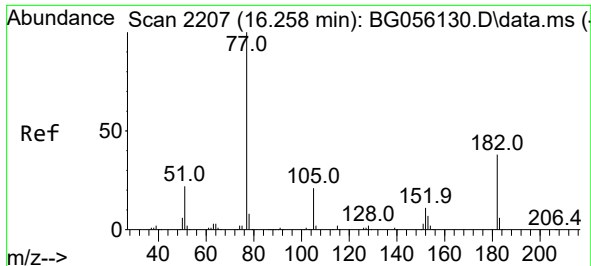
Tgt Ion:204 Resp: 279152  
Ion Ratio Lower Upper  
204 100  
206 33.6 26.4 39.6  
141 40.4 33.0 49.4



#62  
4-Nitroaniline  
Concen: 18.712 ng  
RT: 15.996 min Scan# 2163  
Delta R.T. 0.002 min  
Lab File: BG056173.D  
Acq: 30 Dec 2022 16:32

Tgt Ion:138 Resp: 90714  
Ion Ratio Lower Upper  
138 100  
92 55.0 28.6 68.6  
108 102.0 83.4 123.4

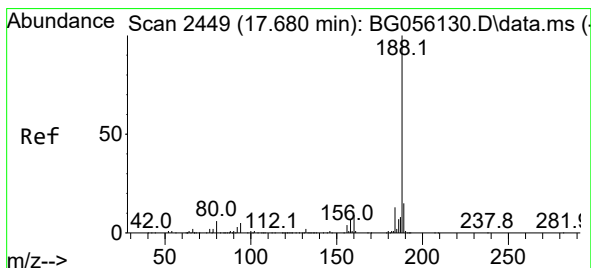
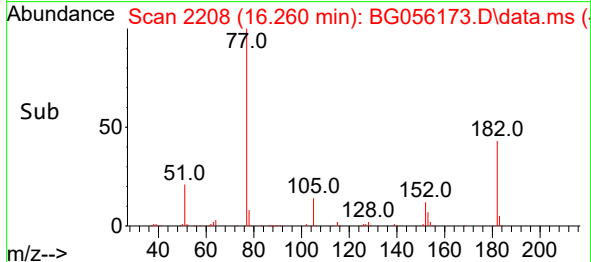
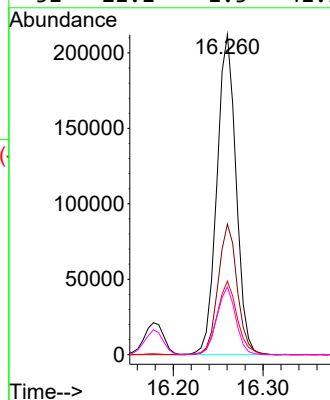
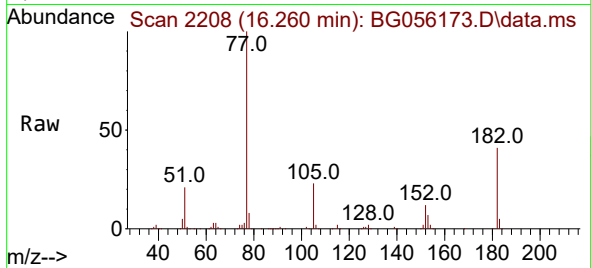




#63  
Azobenzene  
Concen: 18.588 ng  
RT: 16.260 min Scan# 21  
Delta R.T. 0.002 min  
Lab File: BG056173.D  
Acq: 30 Dec 2022 16:32

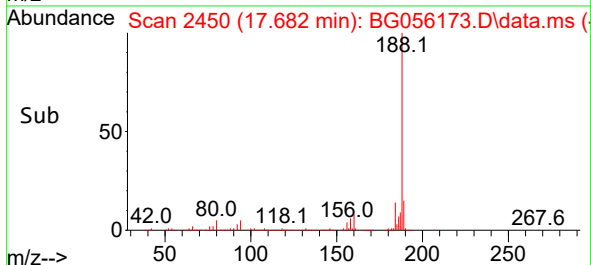
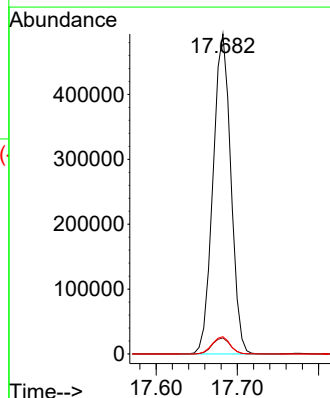
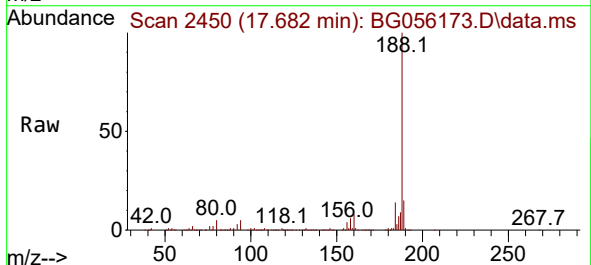
Instrument :  
BNA\_G  
ClientSampleId :  
MM-4MS

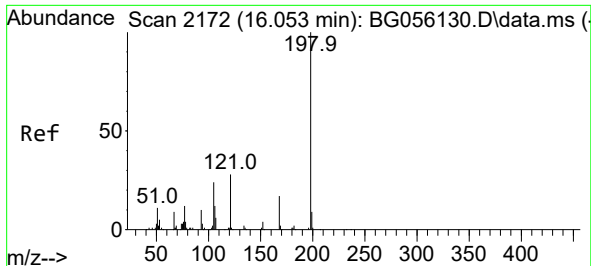
Tgt Ion: 77 Resp: 313936  
Ion Ratio Lower Upper  
77 100  
182 40.8 18.5 58.5  
105 23.0 1.4 41.4  
51 21.1 1.5 41.5



#64  
Phenanthrene-d10  
Concen: 20.000 ng  
RT: 17.682 min Scan# 2450  
Delta R.T. 0.002 min  
Lab File: BG056173.D  
Acq: 30 Dec 2022 16:32

Tgt Ion:188 Resp: 752472  
Ion Ratio Lower Upper  
188 100  
94 5.0 4.2 6.2  
80 5.4 5.0 7.4

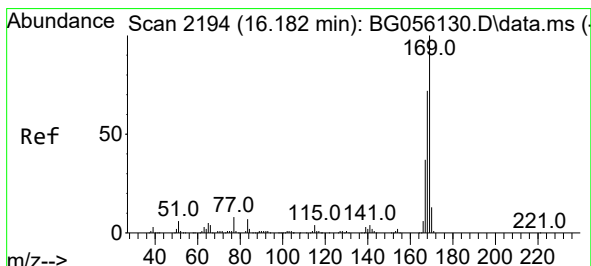
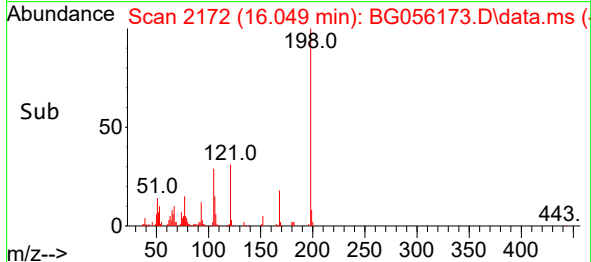
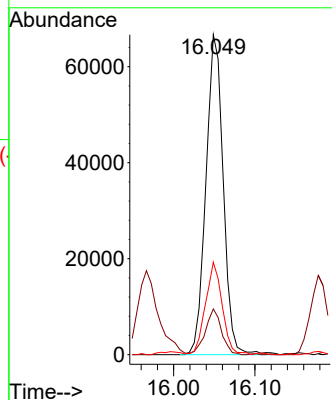
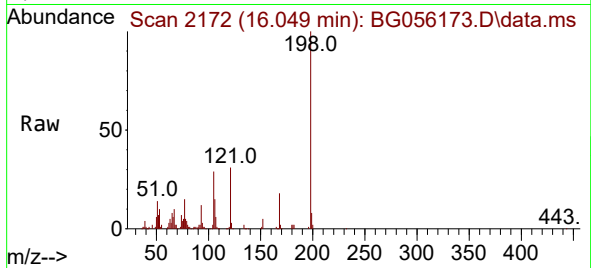




#65  
4,6-Dinitro-2-methylphenol  
Concen: 19.458 ng  
RT: 16.049 min Scan# 2172  
Delta R.T. -0.004 min  
Lab File: BG056173.D  
Acq: 30 Dec 2022 16:32

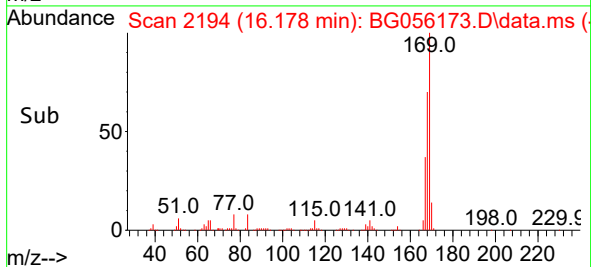
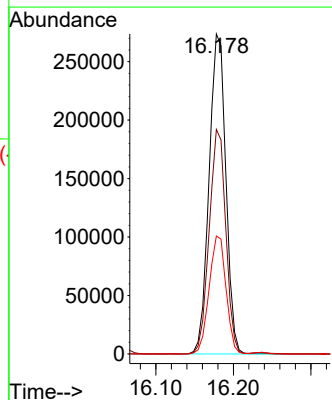
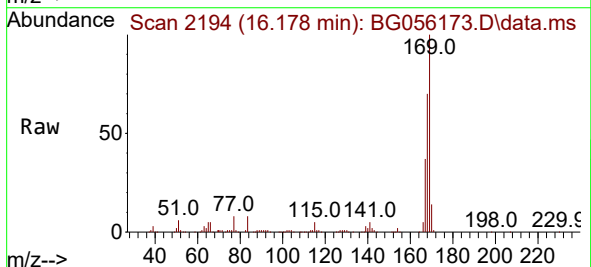
Instrument :  
BNA\_G  
ClientSampleId :  
MM-4MS

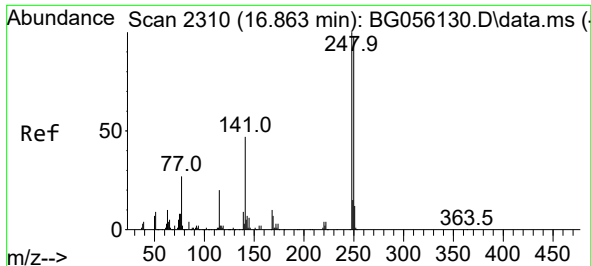
Tgt Ion:198 Resp: 98646  
Ion Ratio Lower Upper  
198 100  
51 14.3 0.0 33.2  
105 28.9 4.9 44.9



#66  
n-Nitrosodiphenylamine  
Concen: 19.675 ng  
RT: 16.178 min Scan# 2194  
Delta R.T. -0.004 min  
Lab File: BG056173.D  
Acq: 30 Dec 2022 16:32

Tgt Ion:169 Resp: 410772  
Ion Ratio Lower Upper  
169 100  
168 70.2 58.0 87.0  
167 36.9 30.0 45.0

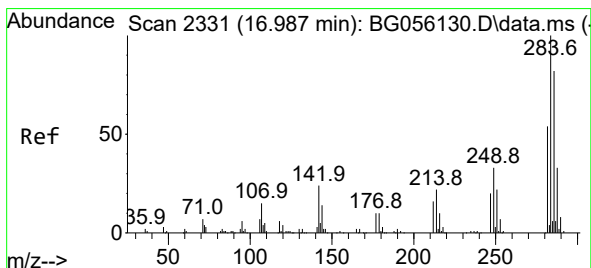
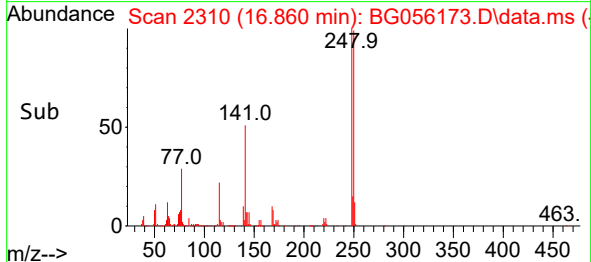
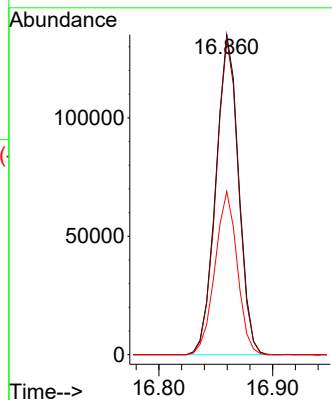
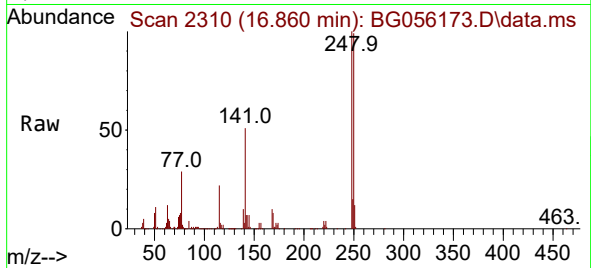




#67  
4-Bromophenyl-phenylether  
Concen: 19.682 ng  
RT: 16.860 min Scan# 21  
Delta R.T. -0.004 min  
Lab File: BG056173.D  
Acq: 30 Dec 2022 16:32

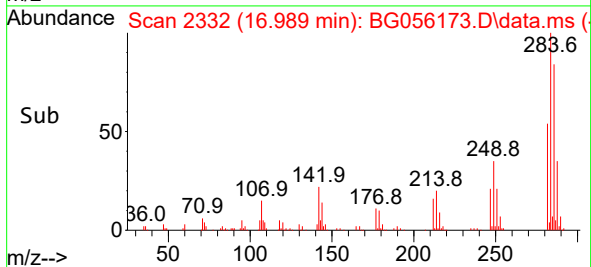
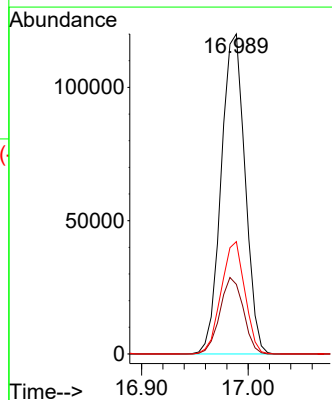
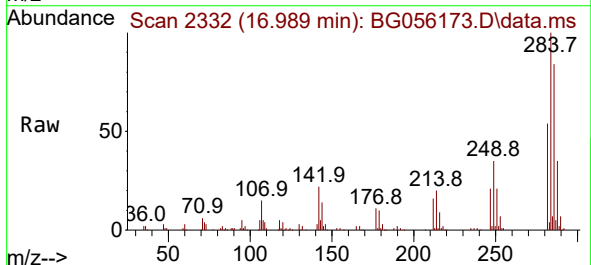
Instrument :  
BNA\_G  
ClientSampleId :  
MM-4MS

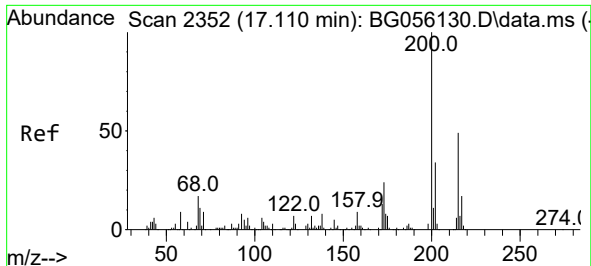
Tgt Ion:248 Resp: 188597  
Ion Ratio Lower Upper  
248 100  
250 98.7 78.2 117.4  
141 51.0 37.6 56.4



#68  
Hexachlorobenzene  
Concen: 20.836 ng  
RT: 16.989 min Scan# 2332  
Delta R.T. 0.002 min  
Lab File: BG056173.D  
Acq: 30 Dec 2022 16:32

Tgt Ion:284 Resp: 186271  
Ion Ratio Lower Upper  
284 100  
142 21.7 19.0 28.6  
249 37.2 26.6 39.8

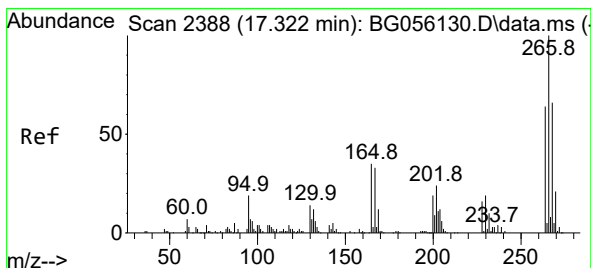
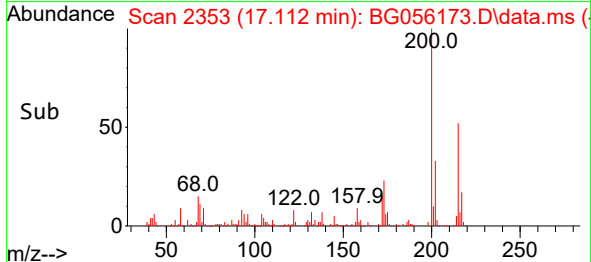
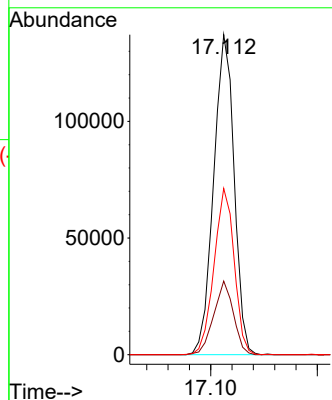
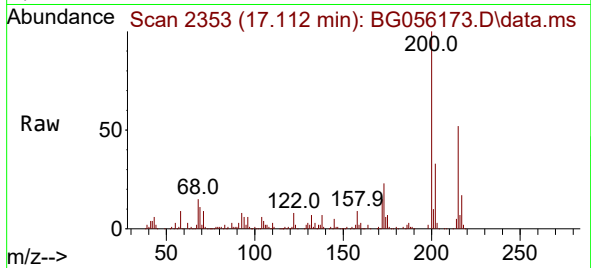




#69  
 Atrazine  
 Concen: 21.102 ng  
 RT: 17.112 min Scan# 21  
 Delta R.T. 0.002 min  
 Lab File: BG056173.D  
 Acq: 30 Dec 2022 16:32

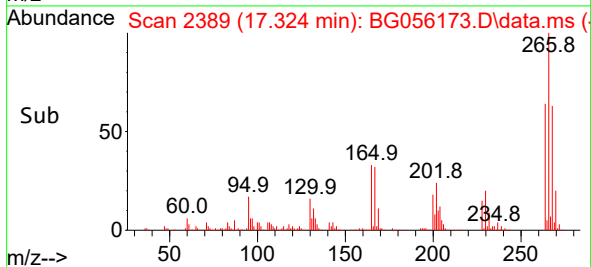
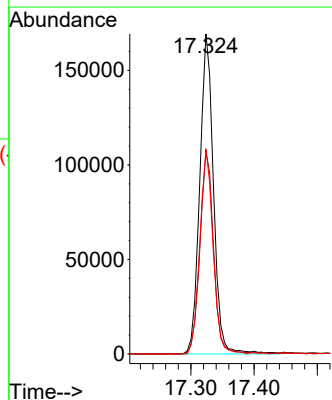
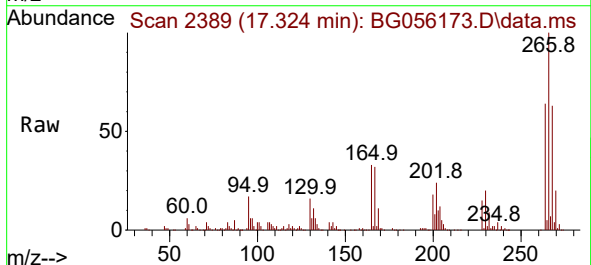
Instrument :  
 BNA\_G  
 ClientSampleId :  
 MM-4MS

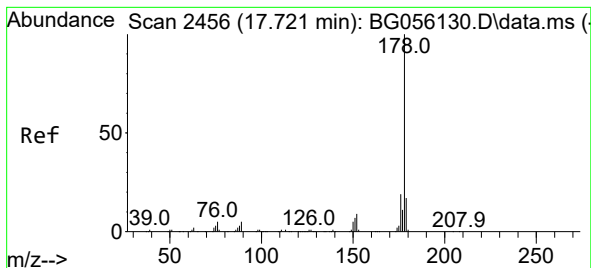
Tgt Ion:200 Resp: 182584  
 Ion Ratio Lower Upper  
 200 100  
 173 23.0 4.0 44.0  
 215 52.0 29.1 69.1



#70  
 Pentachlorophenol  
 Concen: 37.314 ng  
 RT: 17.324 min Scan# 2389  
 Delta R.T. 0.002 min  
 Lab File: BG056173.D  
 Acq: 30 Dec 2022 16:32

Tgt Ion:266 Resp: 256245  
 Ion Ratio Lower Upper  
 266 100  
 268 63.5 53.0 79.4  
 264 64.0 51.4 77.2





#71

Phenanthrene

Concen: 19.915 ng

RT: 17.723 min Scan# 2456

Delta R.T. 0.002 min

Lab File: BG056173.D

Acq: 30 Dec 2022 16:32

Instrument :

BNA\_G

ClientSampleId :

MM-4MS

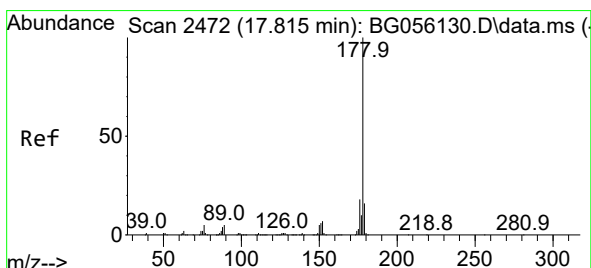
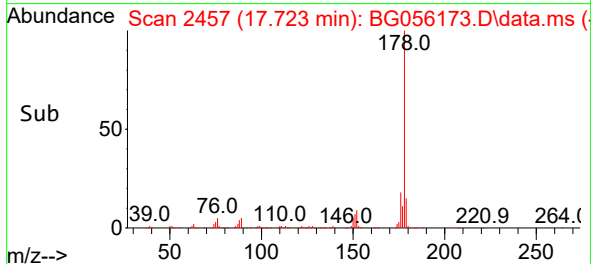
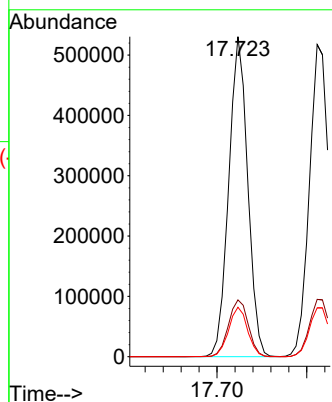
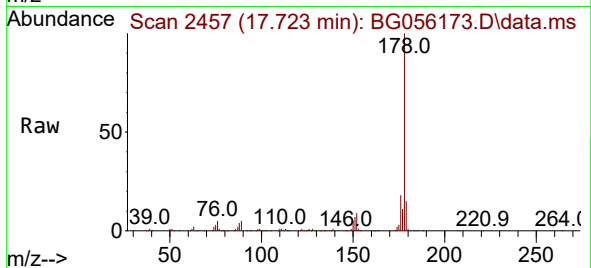
Tgt Ion:178 Resp: 776598

Ion Ratio Lower Upper

178 100

176 17.8 15.4 23.0

179 15.4 13.6 20.4



#72

Anthracene

Concen: 19.673 ng

RT: 17.811 min Scan# 2472

Delta R.T. -0.004 min

Lab File: BG056173.D

Acq: 30 Dec 2022 16:32

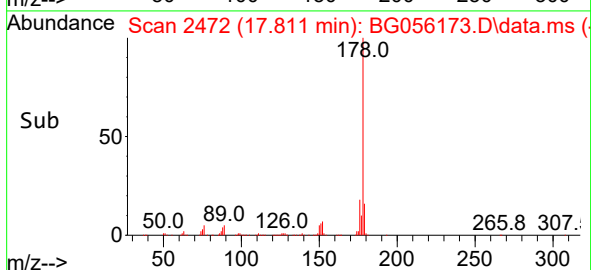
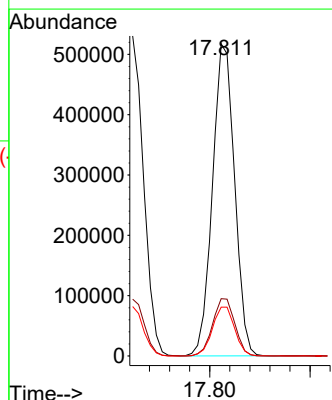
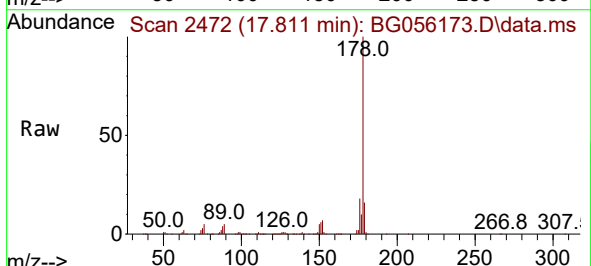
Tgt Ion:178 Resp: 791366

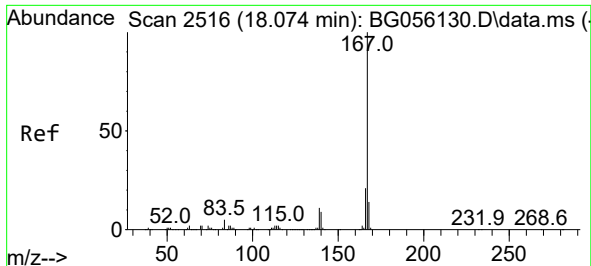
Ion Ratio Lower Upper

178 100

176 18.4 14.6 22.0

179 15.6 12.7 19.1

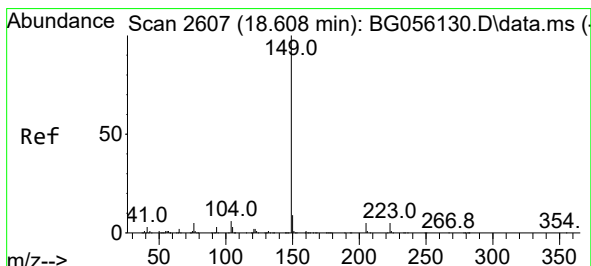
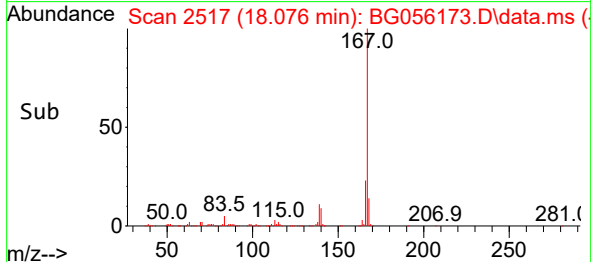
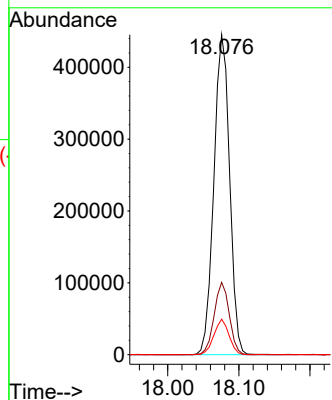
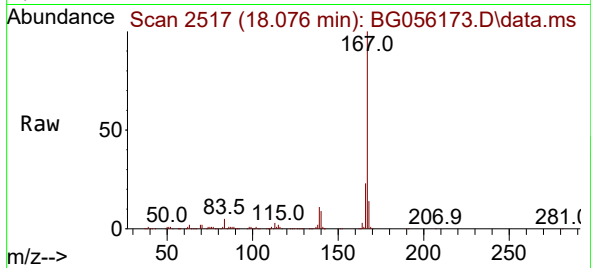




#73  
 Carbazole  
 Concen: 20.203 ng  
 RT: 18.076 min Scan# 2516  
 Delta R.T. 0.002 min  
 Lab File: BG056173.D  
 Acq: 30 Dec 2022 16:32

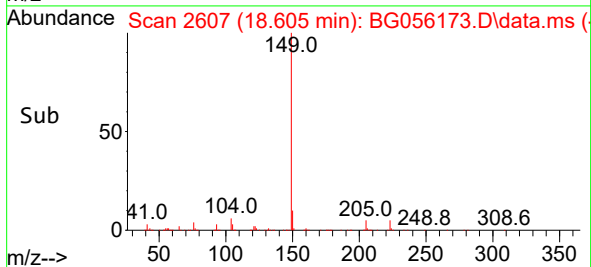
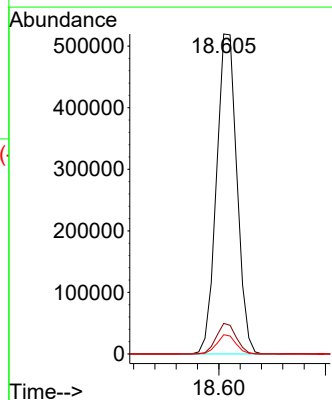
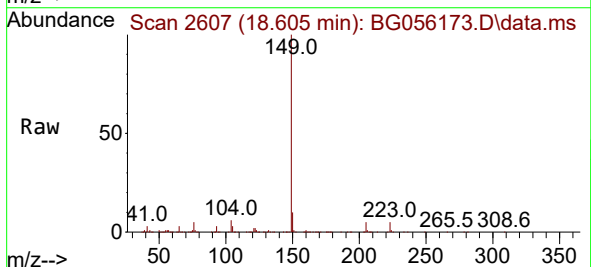
Instrument :  
 BNA\_G  
 ClientSampleId :  
 MM-4MS

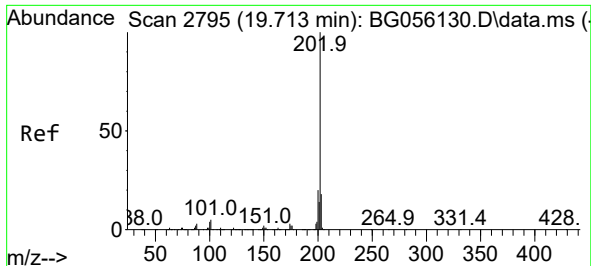
Tgt Ion:167 Resp: 683121  
 Ion Ratio Lower Upper  
 167 100  
 166 22.6 16.8 25.2  
 139 11.1 8.9 13.3



#74  
 Di-n-butylphthalate  
 Concen: 20.445 ng  
 RT: 18.605 min Scan# 2607  
 Delta R.T. -0.004 min  
 Lab File: BG056173.D  
 Acq: 30 Dec 2022 16:32

Tgt Ion:149 Resp: 689120  
 Ion Ratio Lower Upper  
 149 100  
 150 9.6 7.4 11.2  
 104 6.0 4.4 6.6

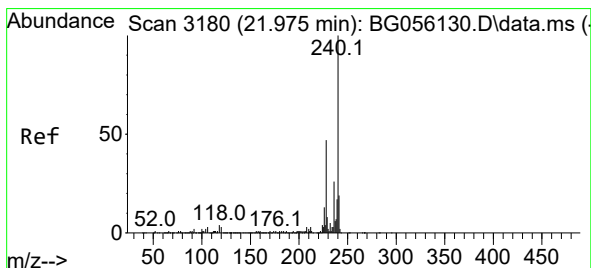
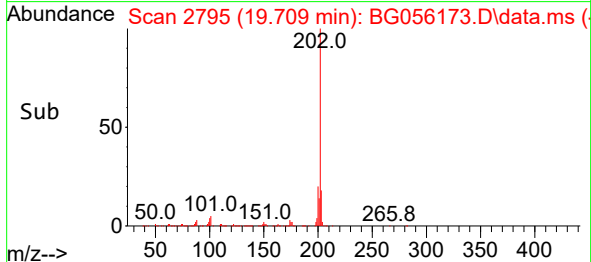
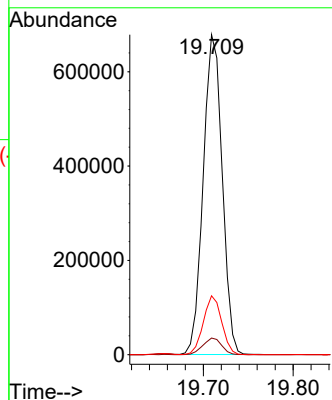
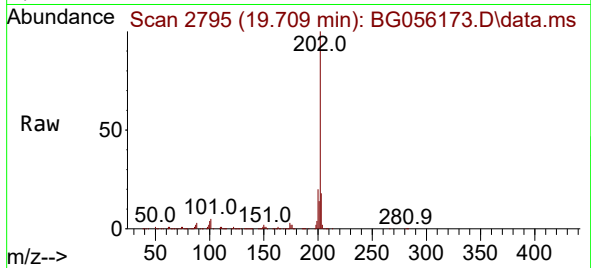




#75  
Fluoranthene  
Concen: 19.585 ng  
RT: 19.709 min Scan# 21  
Delta R.T. -0.004 min  
Lab File: BG056173.D  
Acq: 30 Dec 2022 16:32

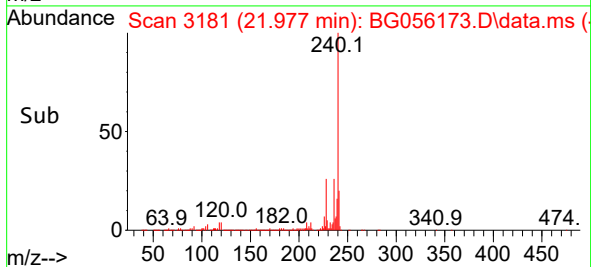
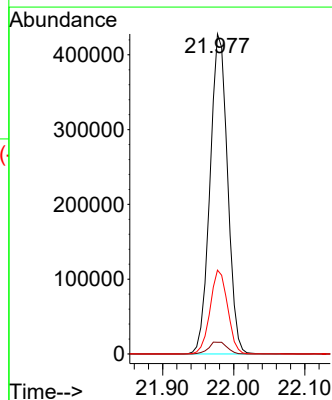
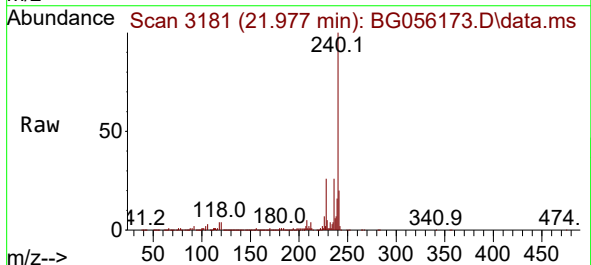
Instrument :  
BNA\_G  
ClientSampleId :  
MM-4MS

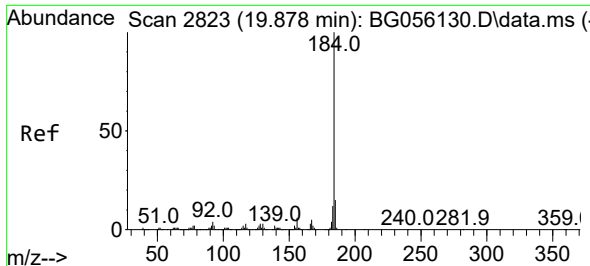
Tgt Ion:202 Resp: 996215  
Ion Ratio Lower Upper  
202 100  
101 5.2 0.0 25.0  
203 18.4 0.0 38.0



#76  
Chrysene-d12  
Concen: 20.000 ng  
RT: 21.977 min Scan# 3181  
Delta R.T. 0.002 min  
Lab File: BG056173.D  
Acq: 30 Dec 2022 16:32

Tgt Ion:240 Resp: 733002  
Ion Ratio Lower Upper  
240 100  
120 3.7 2.6 4.0  
236 26.2 20.8 31.2

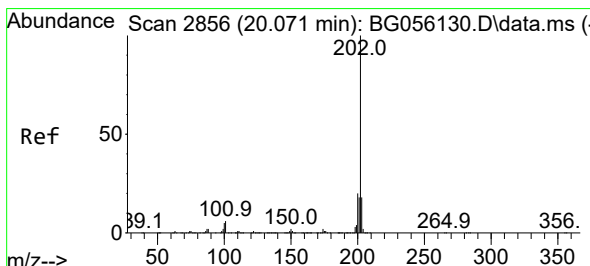
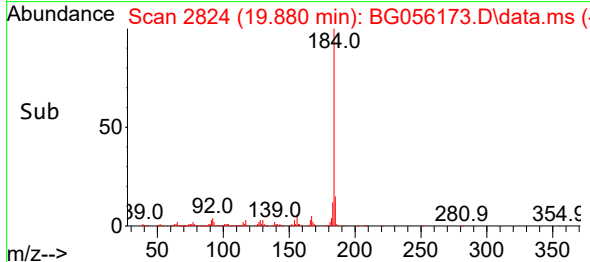
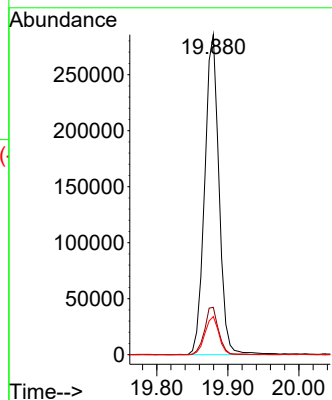
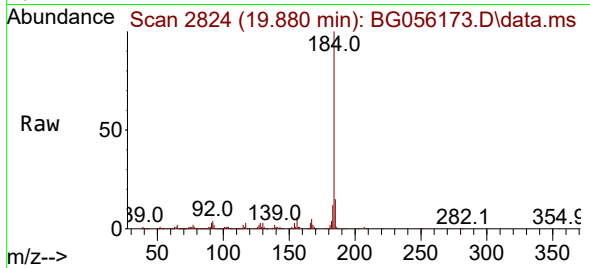




#77  
Benzidine  
Concen: 15.601 ng  
RT: 19.880 min Scan# 2824  
Delta R.T. 0.002 min  
Lab File: BG056173.D  
Acq: 30 Dec 2022 16:32

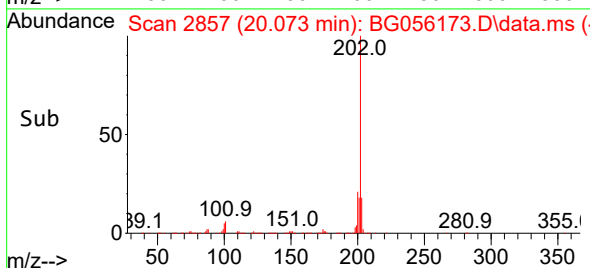
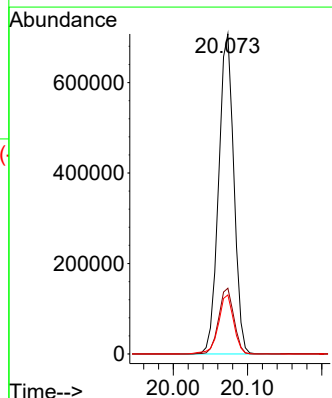
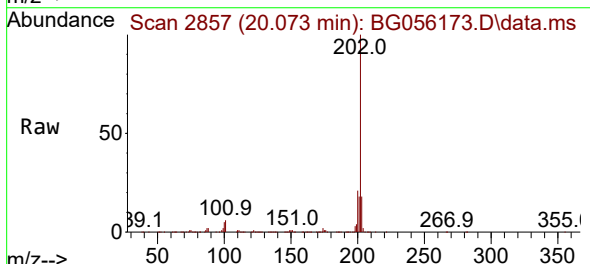
Instrument :  
BNA\_G  
ClientSampleId :  
MM-4MS

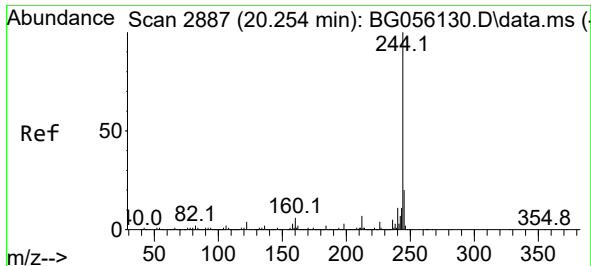
Tgt Ion:184 Resp: 400744  
Ion Ratio Lower Upper  
184 100  
185 14.8 12.2 18.2  
183 11.9 9.4 14.0



#78  
Pyrene  
Concen: 19.490 ng  
RT: 20.073 min Scan# 2857  
Delta R.T. 0.002 min  
Lab File: BG056173.D  
Acq: 30 Dec 2022 16:32

Tgt Ion:202 Resp: 1006968  
Ion Ratio Lower Upper  
202 100  
200 20.5 16.4 24.6  
203 18.4 14.3 21.5

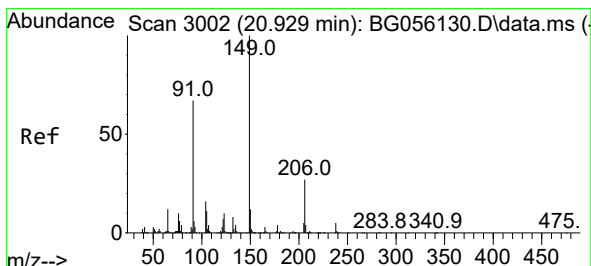
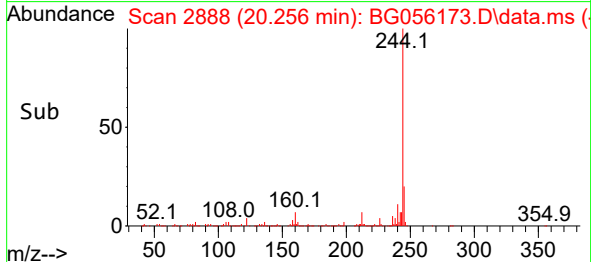
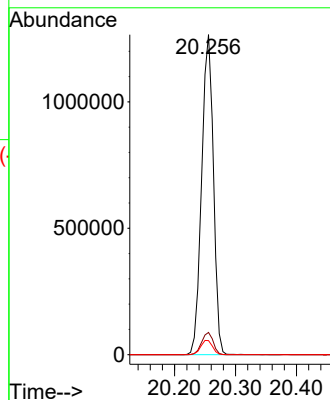
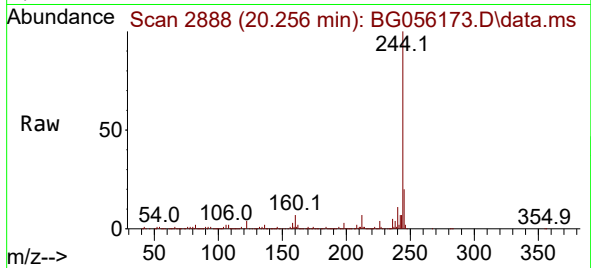




#79  
 Terphenyl-d14  
 Concen: 41.315 ng  
 RT: 20.256 min Scan# 21  
 Delta R.T. 0.002 min  
 Lab File: BG056173.D  
 Acq: 30 Dec 2022 16:32

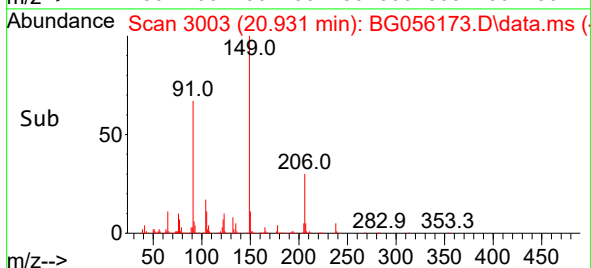
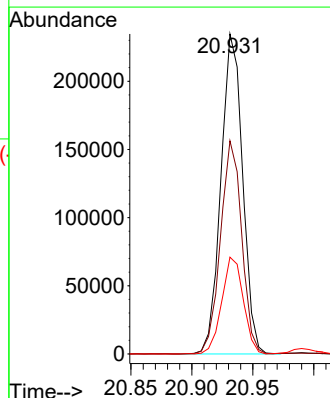
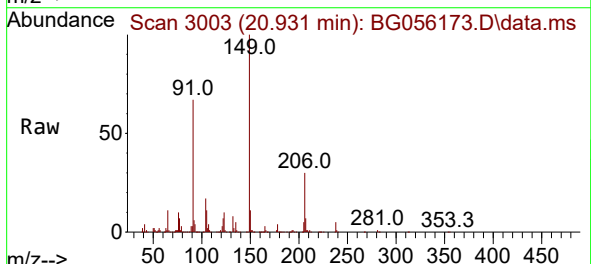
Instrument :  
 BNA\_G  
 ClientSampleId :  
 MM-4MS

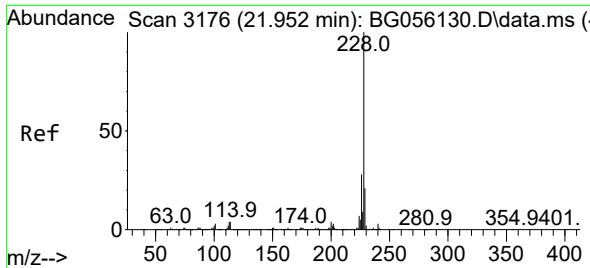
Tgt Ion:244 Resp: 1690867  
 Ion Ratio Lower Upper  
 244 100  
 212 7.0 5.7 8.5  
 122 4.4 3.5 5.3



#80  
 Butylbenzylphthalate  
 Concen: 19.577 ng  
 RT: 20.931 min Scan# 3003  
 Delta R.T. 0.002 min  
 Lab File: BG056173.D  
 Acq: 30 Dec 2022 16:32

Tgt Ion:149 Resp: 290173  
 Ion Ratio Lower Upper  
 149 100  
 91 66.6 53.5 80.3  
 206 30.3 21.9 32.9

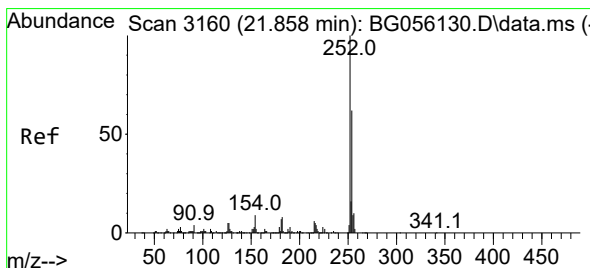
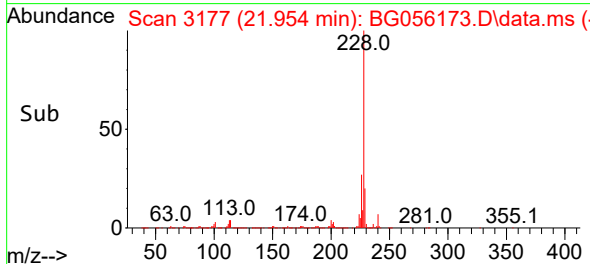
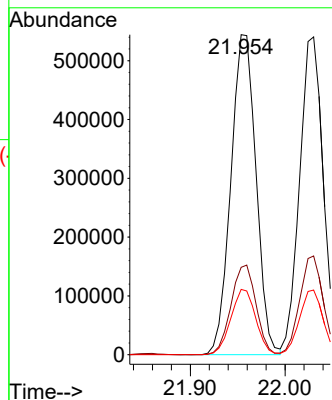
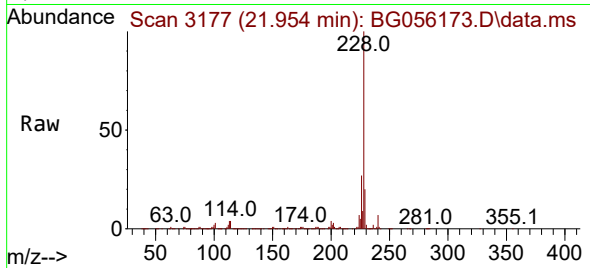




#81  
Benzo(a)anthracene  
Concen: 19.525 ng  
RT: 21.954 min Scan# 3176  
Delta R.T. 0.002 min  
Lab File: BG056173.D  
Acq: 30 Dec 2022 16:32

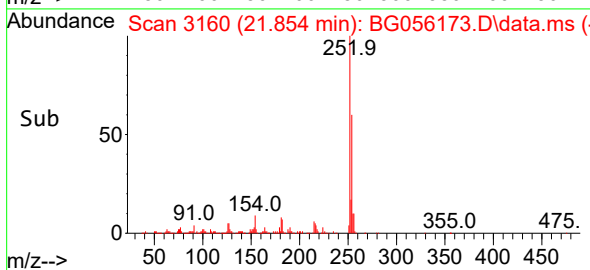
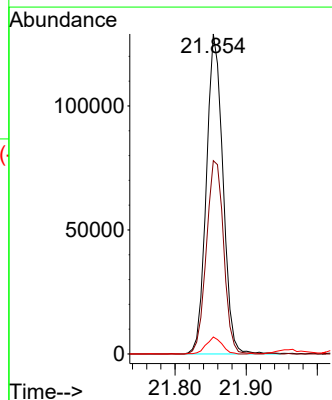
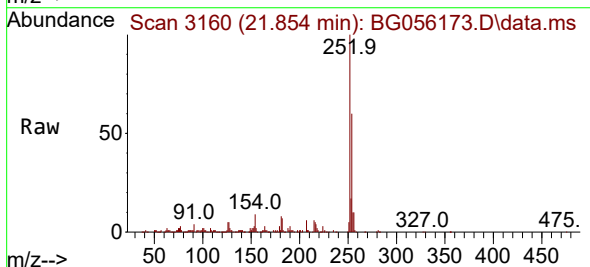
Instrument :  
BNA\_G  
ClientSampleId :  
MM-4MS

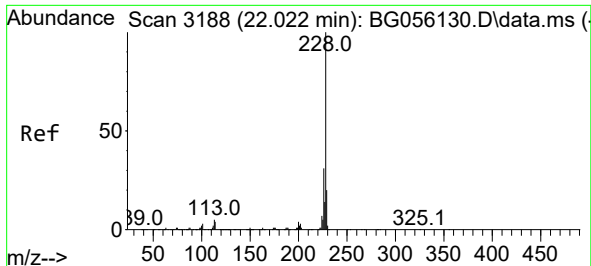
Tgt Ion:228 Resp: 1005218  
Ion Ratio Lower Upper  
228 100  
226 27.3 22.6 34.0  
229 20.4 16.9 25.3



#82  
3,3'-Dichlorobenzidine  
Concen: 11.316 ng  
RT: 21.854 min Scan# 3160  
Delta R.T. -0.004 min  
Lab File: BG056173.D  
Acq: 30 Dec 2022 16:32

Tgt Ion:252 Resp: 209727  
Ion Ratio Lower Upper  
252 100  
254 60.4 49.5 74.3  
126 5.3 4.0 6.0

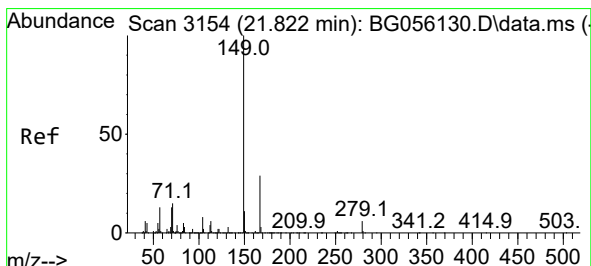
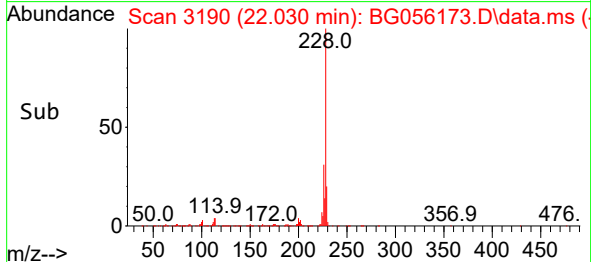
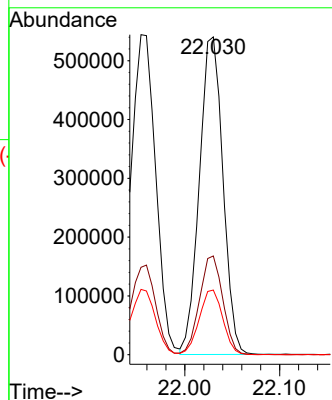
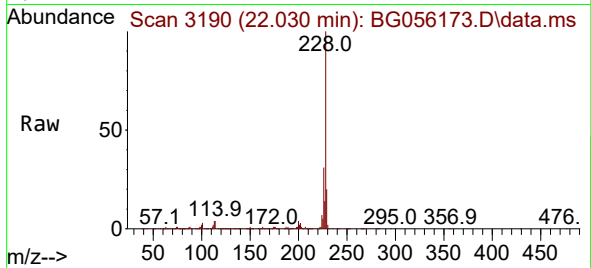




#83  
Chrysene  
Concen: 19.327 ng  
RT: 22.030 min Scan# 3188  
Delta R.T. 0.008 min  
Lab File: BG056173.D  
Acq: 30 Dec 2022 16:32

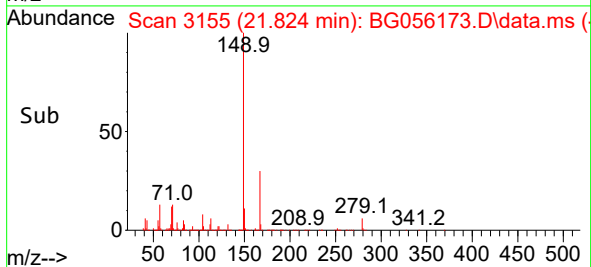
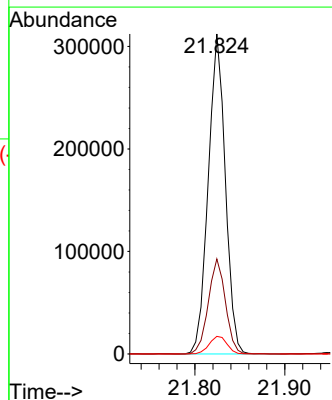
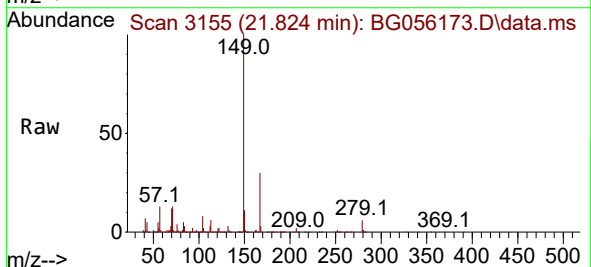
Instrument :  
BNA\_G  
ClientSampleId :  
MM-4MS

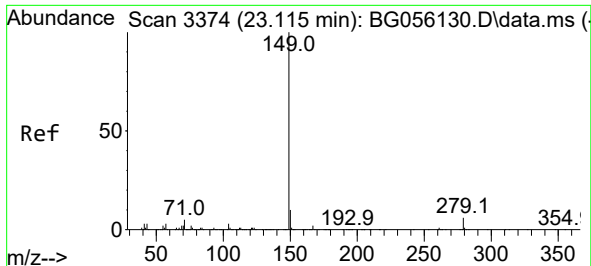
Tgt Ion:228 Resp: 932025  
Ion Ratio Lower Upper  
228 100  
226 31.1 24.6 36.8  
229 20.4 15.8 23.6



#84  
Bis(2-ethylhexyl)phthalate  
Concen: 19.299 ng  
RT: 21.824 min Scan# 3155  
Delta R.T. 0.002 min  
Lab File: BG056173.D  
Acq: 30 Dec 2022 16:32

Tgt Ion:149 Resp: 412119  
Ion Ratio Lower Upper  
149 100  
167 29.7 23.4 35.2  
279 5.5 4.7 7.1

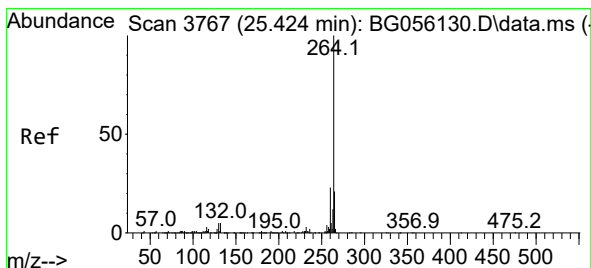
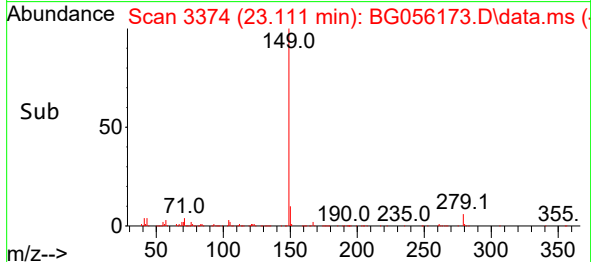
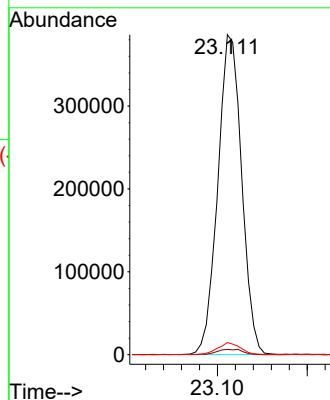
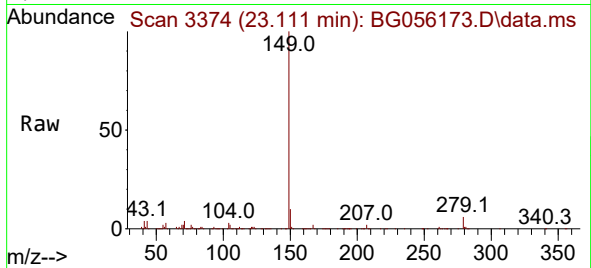




#85  
Di-n-octyl phthalate  
Concen: 19.735 ng  
RT: 23.111 min Scan# 311  
Delta R.T. -0.004 min  
Lab File: BG056173.D  
Acq: 30 Dec 2022 16:32

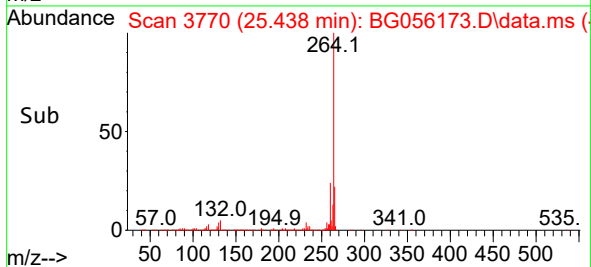
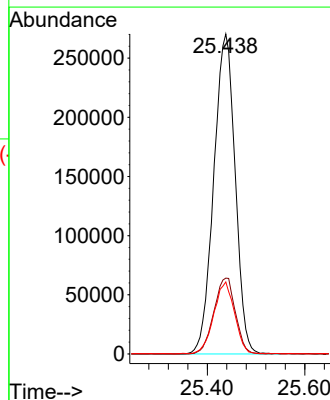
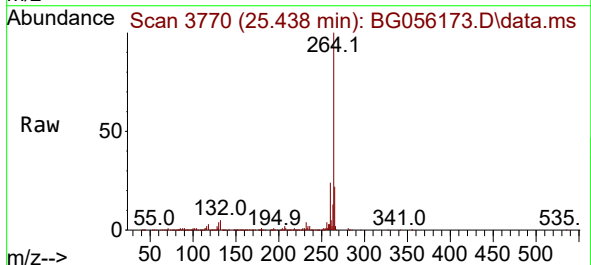
Instrument :  
BNA\_G  
ClientSampleId :  
MM-4MS

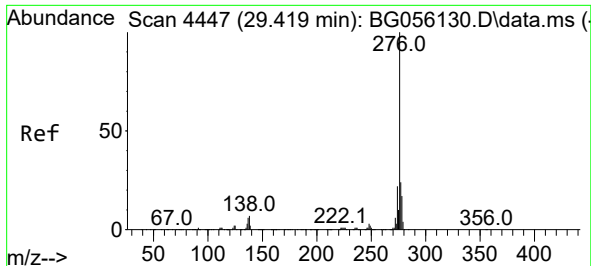
Tgt Ion:149 Resp: 711469  
Ion Ratio Lower Upper  
149 100  
167 1.8 1.4 2.2  
43 3.7 2.9 4.3



#86  
Perylene-d12  
Concen: 20.000 ng  
RT: 25.438 min Scan# 3770  
Delta R.T. 0.014 min  
Lab File: BG056173.D  
Acq: 30 Dec 2022 16:32

Tgt Ion:264 Resp: 824702  
Ion Ratio Lower Upper  
264 100  
260 23.7 18.6 28.0  
265 22.5 16.7 25.1

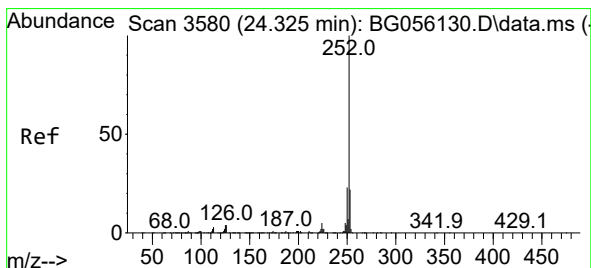
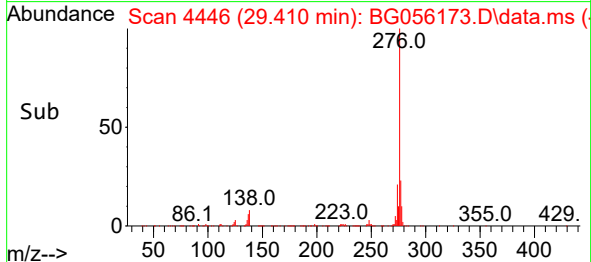
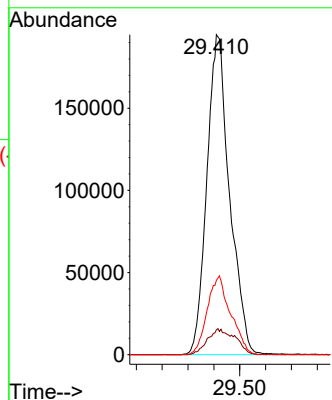
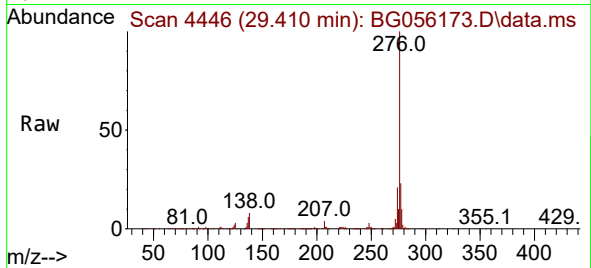




#87  
 Indeno(1,2,3-cd)pyrene  
 Concen: 19.831 ng  
 RT: 29.410 min Scan# 4446  
 Delta R.T. -0.010 min  
 Lab File: BG056173.D  
 Acq: 30 Dec 2022 16:32

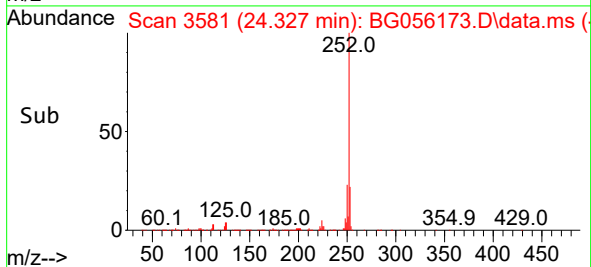
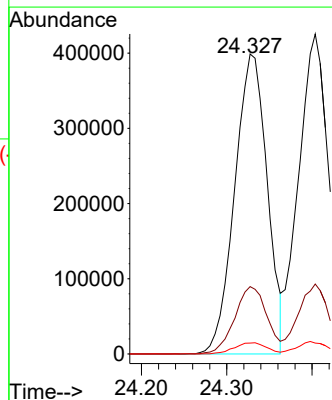
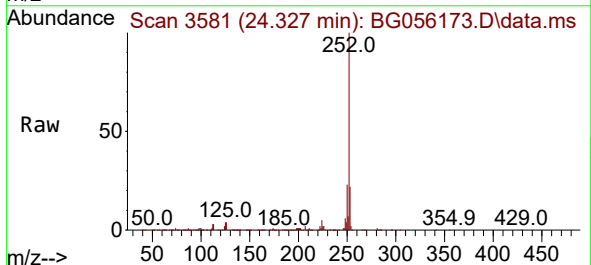
Instrument :  
 BNA\_G  
 ClientSampleId :  
 MM-4MS

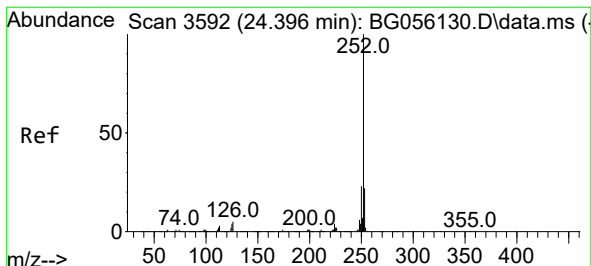
Tgt Ion:276 Resp: 1189392  
 Ion Ratio Lower Upper  
 276 100  
 138 9.8 5.0 7.4#  
 277 25.4 20.5 30.7



#88  
 Benzo(b)fluoranthene  
 Concen: 20.144 ng  
 RT: 24.327 min Scan# 3581  
 Delta R.T. 0.002 min  
 Lab File: BG056173.D  
 Acq: 30 Dec 2022 16:32

Tgt Ion:252 Resp: 1055515  
 Ion Ratio Lower Upper  
 252 100  
 253 22.5 17.4 26.2  
 125 3.6 3.0 4.4





#89

Benzo(k)fluoranthene

Concen: 19.975 ng

RT: 24.404 min Scan# 3

Delta R.T. 0.008 min

Lab File: BG056173.D

Acq: 30 Dec 2022 16:32

Instrument :

BNA\_G

ClientSampleId :

MM-4MS

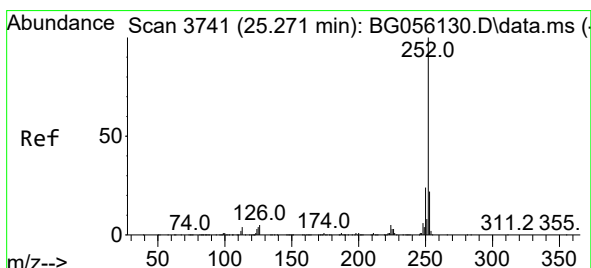
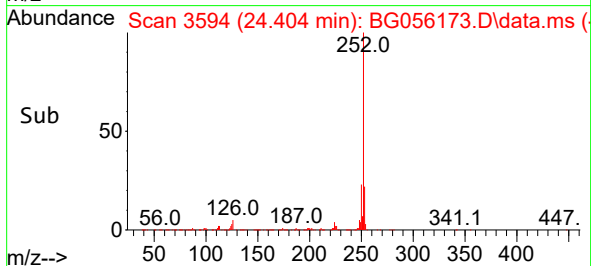
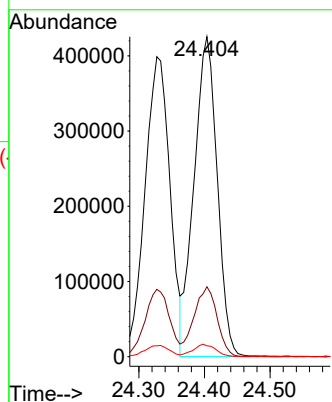
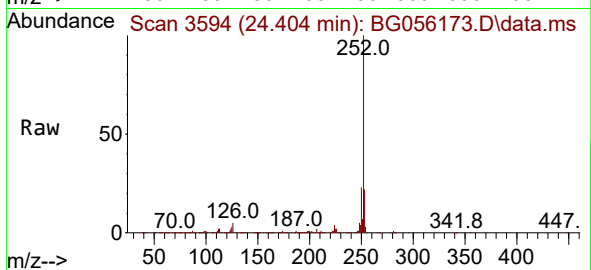
Tgt Ion:252 Resp: 1042284

Ion Ratio Lower Upper

252 100

253 21.8 17.5 26.3

125 3.4 3.4 5.0



#90

Benzo(a)pyrene

Concen: 18.384 ng

RT: 25.273 min Scan# 3742

Delta R.T. 0.002 min

Lab File: BG056173.D

Acq: 30 Dec 2022 16:32

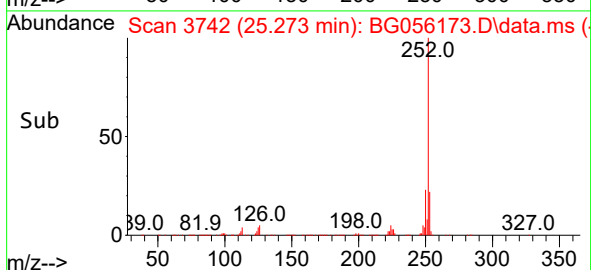
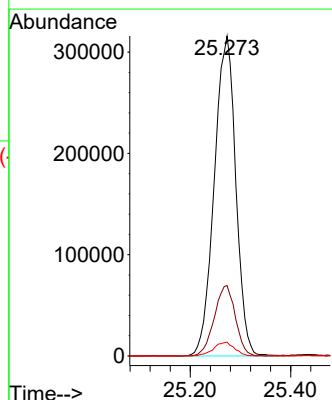
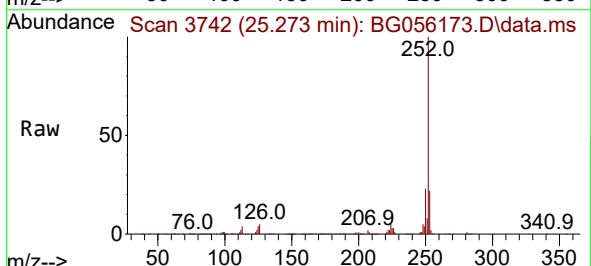
Tgt Ion:252 Resp: 939577

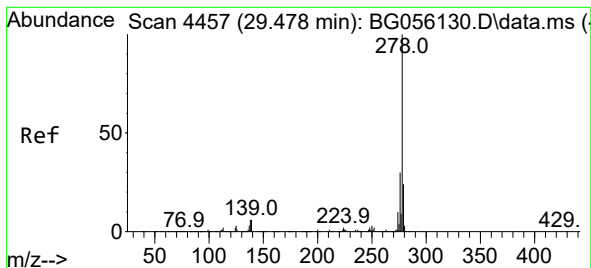
Ion Ratio Lower Upper

252 100

253 22.0 17.4 26.2

125 4.3 3.2 4.8





#91

Dibenzo(a,h)anthracene

Concen: 19.652 ng

RT: 29.480 min Scan# 4458

Delta R.T. 0.002 min

Lab File: BG056173.D

Acq: 30 Dec 2022 16:32

Instrument :

BNA\_G

ClientSampleId :

MM-4MS

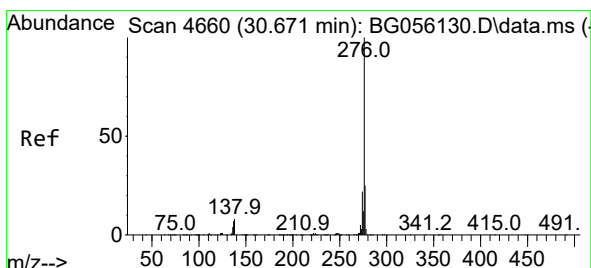
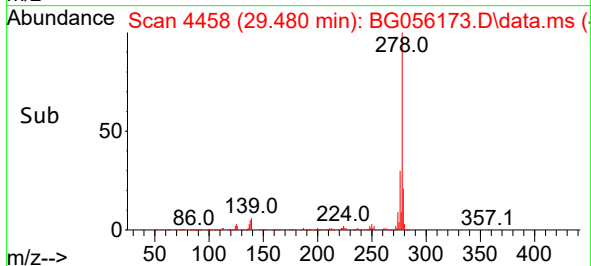
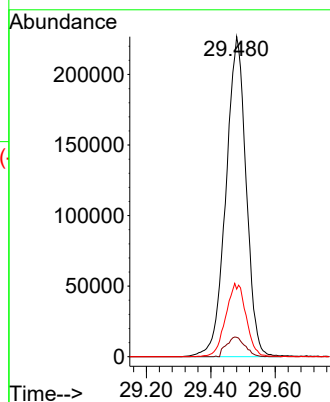
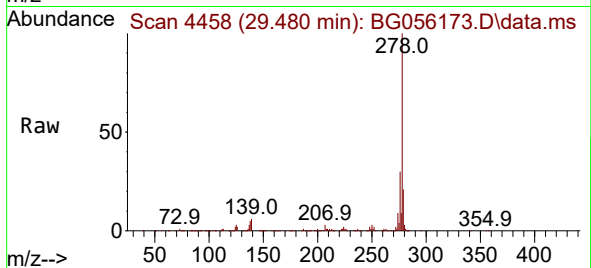
Tgt Ion:278 Resp: 988224

Ion Ratio Lower Upper

278 100

139 6.1 4.8 7.2

279 21.1 19.0 28.4



#92

Benzo(g,h,i)perylene

Concen: 19.601 ng

RT: 30.667 min Scan# 4660

Delta R.T. -0.004 min

Lab File: BG056173.D

Acq: 30 Dec 2022 16:32

Tgt Ion:276 Resp: 955815

Ion Ratio Lower Upper

276 100

277 24.3 19.7 29.5

138 7.9 6.7 10.1

