

Data Path : Z:\svoasrv\HPCHEM1\BNA\_G\Data\BG021523\  
 Data File : BG056647.D  
 Acq On : 16 Feb 2023 00:45  
 Operator : CG/JU  
 Sample : PB150875BS  
 Misc :  
 ALS Vial : 16 Sample Multiplier: 1

Instrument :  
 BNA\_G  
 ClientSampleId :  
 PB150875BS

Quant Time: Feb 16 01:57:21 2023  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_G\Methods\8270-BG021523.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Thu Feb 16 01:33:33 2023  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc    | Units | Dev(Min) |
|-------------------------------|--------|------|----------|---------|-------|----------|
| -----                         |        |      |          |         |       |          |
| Internal Standards            |        |      |          |         |       |          |
| 1) 1,4-Dichlorobenzene-d4     | 8.435  | 152  | 12575    | 20.000  | ng    | 0.00     |
| 21) Naphthalene-d8            | 11.279 | 136  | 53366    | 20.000  | ng    | 0.00     |
| 39) Acenaphthene-d10          | 15.039 | 164  | 43598    | 20.000  | ng    | 0.00     |
| 64) Phenanthrene-d10          | 17.777 | 188  | 111380   | 20.000  | ng    | # 0.00   |
| 76) Chrysene-d12              | 22.090 | 240  | 103230   | 20.000  | ng    | -0.01    |
| 86) Perylene-d12              | 25.633 | 264  | 117161   | 20.000  | ng    | 0.00     |
| System Monitoring Compounds   |        |      |          |         |       |          |
| 5) 2-Fluorophenol             | 5.938  | 112  | 127849   | 165.423 | ng    | 0.00     |
| 7) Phenol-d6                  | 7.560  | 99   | 181851   | 159.290 | ng    | 0.00     |
| 23) Nitrobenzene-d5           | 9.611  | 82   | 102923   | 98.748  | ng    | 0.00     |
| 42) 2,4,6-Tribromophenol      | 16.514 | 330  | 93434    | 156.530 | ng    | 0.00     |
| 45) 2-Fluorobiphenyl          | 13.671 | 172  | 286122   | 87.879  | ng    | 0.00     |
| 79) Terphenyl-d14             | 20.345 | 244  | 626878   | 99.355  | ng    | 0.00     |
| Target Compounds              |        |      |          |         |       |          |
|                               |        |      |          |         |       | Qvalue   |
| 2) 1,4-Dioxane                | 3.753  | 88   | 12859    | 37.951  | ng    | 96       |
| 3) Pyridine                   | 4.170  | 79   | 38690    | 36.099  | ng    | 93       |
| 4) n-Nitrosodimethylamine     | 4.076  | 42   | 22252    | 44.542  | ng    | 89       |
| 6) Aniline                    | 7.742  | 93   | 56972    | 35.908  | ng    | 93       |
| 8) 2-Chlorophenol             | 7.989  | 128  | 42511    | 55.593  | ng    | 94       |
| 9) Benzaldehyde               | 7.554  | 77   | 28888    | 47.848  | ng    | 87       |
| 10) Phenol                    | 7.584  | 94   | 63175    | 54.097  | ng    | 98       |
| 11) bis(2-Chloroethyl)ether   | 7.836  | 93   | 39999    | 45.649  | ng    | 99       |
| 12) 1,3-Dichlorobenzene       | 8.324  | 146  | 43789    | 48.063  | ng    | 95       |
| 13) 1,4-Dichlorobenzene       | 8.471  | 146  | 45342    | 49.417  | ng    | 95       |
| 14) 1,2-Dichlorobenzene       | 8.800  | 146  | 44037    | 49.932  | ng    | 99       |
| 15) Benzyl Alcohol            | 8.665  | 79   | 52451    | 51.310  | ng    | 99       |
| 16) 2,2'-oxybis(1-Chloropr... | 8.953  | 45   | 54026    | 45.926  | ng    | 97       |
| 17) 2-Methylphenol            | 8.858  | 107  | 41373    | 50.413  | ng    | 98       |
| 18) Hexachloroethane          | 9.540  | 117  | 15186    | 52.249  | ng    | 91       |
| 19) n-Nitroso-di-n-propyla... | 9.235  | 70   | 40875    | 47.826  | ng    | 96       |
| 20) 3+4-Methylphenols         | 9.188  | 107  | 55675    | 49.385  | ng    | 91       |
| 22) Acetophenone              | 9.264  | 105  | 72310    | 44.346  | ng    | # 98     |
| 24) Nitrobenzene              | 9.652  | 77   | 54406    | 44.993  | ng    | 94       |
| 25) Isophorone                | 10.175 | 82   | 111807   | 44.077  | ng    | 99       |
| 26) 2-Nitrophenol             | 10.368 | 139  | 21332    | 49.706  | ng    | 93       |
| 27) 2,4-Dimethylphenol        | 10.410 | 122  | 48155    | 49.102  | ng    | 99       |
| 28) bis(2-Chloroethoxy)met... | 10.651 | 93   | 57760    | 44.680  | ng    | 98       |
| 29) 2,4-Dichlorophenol        | 10.903 | 162  | 51343    | 52.823  | ng    | 98       |
| 30) 1,2,4-Trichlorobenzene    | 11.132 | 180  | 52071    | 44.972  | ng    | 92       |
| 31) Naphthalene               | 11.326 | 128  | 130543   | 44.137  | ng    | 98       |
| 32) Benzoic acid              | 10.515 | 122  | 29982    | 47.433  | ng    | 89       |
| 33) 4-Chloroaniline           | 11.420 | 127  | 28613    | 21.175  | ng    | 94       |
| 34) Hexachlorobutadiene       | 11.602 | 225  | 37192    | 44.948  | ng    | 94       |
| 35) Caprolactam               | 12.178 | 113  | 10188    | 32.589  | ng    | 96       |
| 36) 4-Chloro-3-methylphenol   | 12.501 | 107  | 56603    | 52.807  | ng    | 98       |
| 37) 2-Methylnaphthalene       | 12.901 | 142  | 101186   | 43.329  | ng    | 97       |
| 38) 1-Methylnaphthalene       | 13.112 | 142  | 95649    | 43.893  | ng    | 96       |
| 40) 1,2,4,5-Tetrachloroben... | 13.253 | 216  | 71821    | 44.314  | ng    | 97       |
| 41) Hexachlorocyclopentadiene | 13.236 | 237  | 96540    | 109.822 | ng    | 96       |
| 43) 2,4,6-Trichlorophenol     | 13.477 | 196  | 50547    | 51.403  | ng    | 98       |

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 QLast Update : Thu Feb 16 01:33:33 2023  
 Response via : Initial Calibration

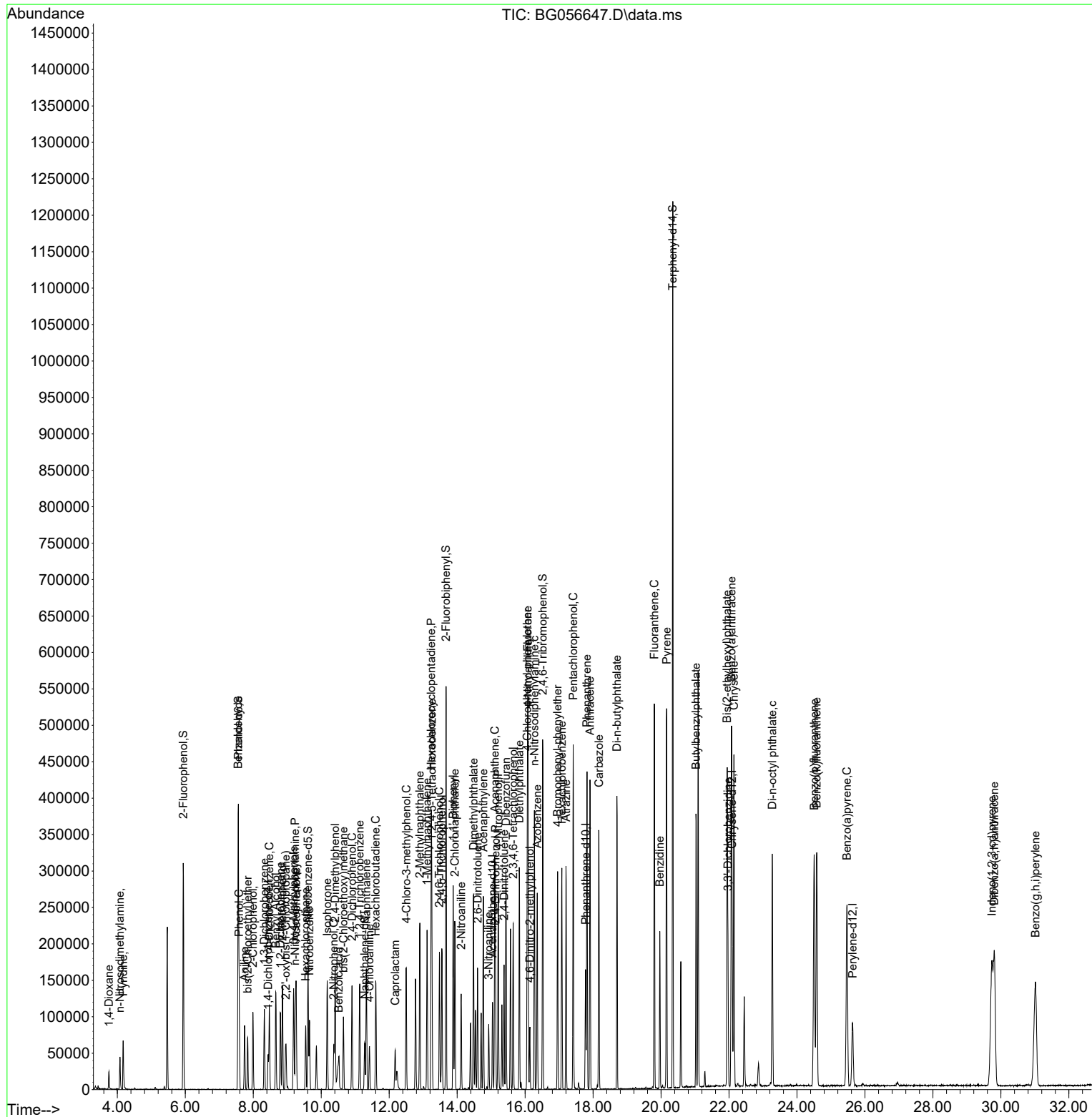
| Compound                      | R.T.   | QIon | Response | Conc    | Units | Dev(Min) |
|-------------------------------|--------|------|----------|---------|-------|----------|
| 44) 2,4,5-Trichlorophenol     | 13.547 | 196  | 57090    | 48.441  | ng    | 98       |
| 46) 1,1'-Biphenyl             | 13.882 | 154  | 145855   | 44.163  | ng    | 97       |
| 47) 2-Chloronaphthalene       | 13.929 | 162  | 117408   | 44.924  | ng    | 99       |
| 48) 2-Nitroaniline            | 14.117 | 65   | 35581    | 46.874  | ng    | 87       |
| 49) Acenaphthylene            | 14.769 | 152  | 189592   | 44.646  | ng    | 98       |
| 50) Dimethylphthalate         | 14.481 | 163  | 169663   | 47.075  | ng    | 99       |
| 51) 2,6-Dinitrotoluene        | 14.599 | 165  | 32488    | 46.387  | ng    | 92       |
| 52) Acenaphthene              | 15.104 | 154  | 129405   | 49.402  | ng    | 99       |
| 53) 3-Nitroaniline            | 14.928 | 138  | 20689    | 29.573  | ng #  | 94       |
| 54) 2,4-Dinitrophenol         | 15.128 | 184  | 40534    | 97.350  | ng #  | 65       |
| 55) Dibenzofuran              | 15.433 | 168  | 192259   | 43.445  | ng    | 98       |
| 56) 4-Nitrophenol             | 15.210 | 139  | 55592    | 103.714 | ng    | 84       |
| 57) 2,4-Dinitrotoluene        | 15.380 | 165  | 45530    | 51.799  | ng #  | 91       |
| 58) Fluorene                  | 16.079 | 166  | 157539   | 45.025  | ng    | 96       |
| 59) 2,3,4,6-Tetrachlorophenol | 15.651 | 232  | 55225    | 53.465  | ng    | 93       |
| 60) Diethylphthalate          | 15.827 | 149  | 167958   | 46.199  | ng    | 99       |
| 61) 4-Chlorophenyl-phenyle... | 16.062 | 204  | 96013    | 44.917  | ng    | 99       |
| 62) 4-Nitroaniline            | 16.085 | 138  | 33144    | 45.457  | ng    | 85       |
| 63) Azobenzene                | 16.356 | 77   | 162857   | 44.759  | ng    | 99       |
| 65) 4,6-Dinitro-2-methylph... | 16.138 | 198  | 26508    | 46.087  | ng    | 97       |
| 66) n-Nitrosodiphenylamine    | 16.273 | 169  | 149402   | 46.109  | ng    | 98       |
| 67) 4-Bromophenyl-phenylether | 16.955 | 248  | 65062    | 45.498  | ng    | 95       |
| 68) Hexachlorobenzene         | 17.078 | 284  | 71711    | 49.221  | ng    | 98       |
| 69) Atrazine                  | 17.202 | 200  | 62833    | 50.500  | ng    | 98       |
| 70) Pentachlorophenol         | 17.413 | 266  | 88325    | 91.543  | ng    | 96       |
| 71) Phenanthrene              | 17.819 | 178  | 284580   | 46.963  | ng    | 98       |
| 72) Anthracene                | 17.907 | 178  | 291674   | 47.041  | ng    | 98       |
| 73) Carbazole                 | 18.171 | 167  | 251035   | 46.966  | ng    | 97       |
| 74) Di-n-butylphthalate       | 18.700 | 149  | 283463   | 47.389  | ng    | 99       |
| 75) Fluoranthene              | 19.799 | 202  | 366446   | 45.831  | ng    | 100      |
| 77) Benzidine                 | 19.963 | 184  | 130362   | 52.799  | ng    | 99       |
| 78) Pyrene                    | 20.163 | 202  | 368648   | 47.286  | ng    | 99       |
| 80) Butylbenzylphthalate      | 21.027 | 149  | 117541   | 50.207  | ng    | 98       |
| 81) Benzo(a)anthracene        | 22.072 | 228  | 362629   | 47.236  | ng    | 99       |
| 82) 3,3'-Dichlorobenzidine    | 21.967 | 252  | 74849    | 30.051  | ng    | 97       |
| 83) Chrysene                  | 22.143 | 228  | 335639   | 46.767  | ng    | 98       |
| 84) Bis(2-ethylhexyl)phtha... | 21.943 | 149  | 173713   | 49.518  | ng    | 99       |
| 85) Di-n-octyl phthalate      | 23.271 | 149  | 296770   | 50.897  | ng    | 100      |
| 87) Indeno(1,2,3-cd)pyrene    | 29.734 | 276  | 450200   | 49.064  | ng #  | 99       |
| 88) Benzo(b)fluoranthene      | 24.505 | 252  | 378518   | 49.452  | ng    | 100      |
| 89) Benzo(k)fluoranthene      | 24.581 | 252  | 362209   | 48.121  | ng    | 97       |
| 90) Benzo(a)pyrene            | 25.468 | 252  | 331304   | 45.030  | ng    | 99       |
| 91) Dibenzo(a,h)anthracene    | 29.805 | 278  | 369132   | 48.573  | ng #  | 96       |
| 92) Benzo(g,h,i)perylene      | 31.015 | 276  | 359773   | 48.450  | ng    | 94       |

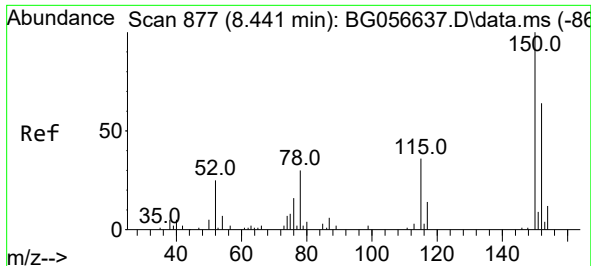
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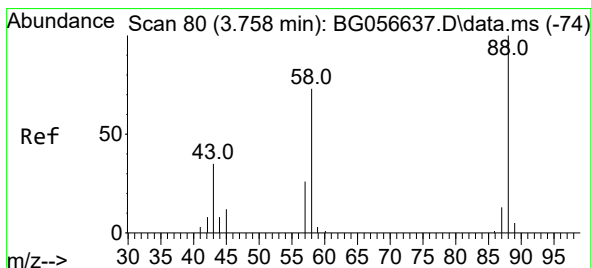
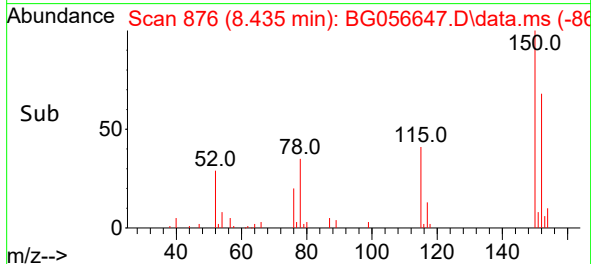
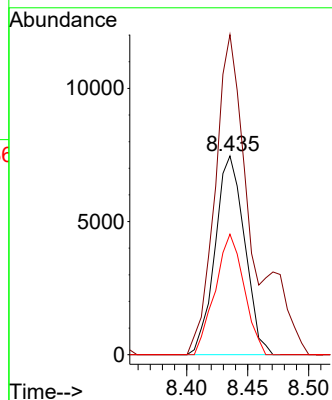
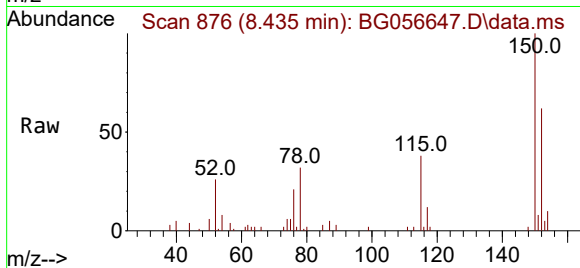




#1  
1,4-Dichlorobenzene-d4  
Concen: 20.000 ng  
RT: 8.435 min Scan# 81  
Delta R.T. -0.006 min  
Lab File: BG056647.D  
Acq: 16 Feb 2023 00:45

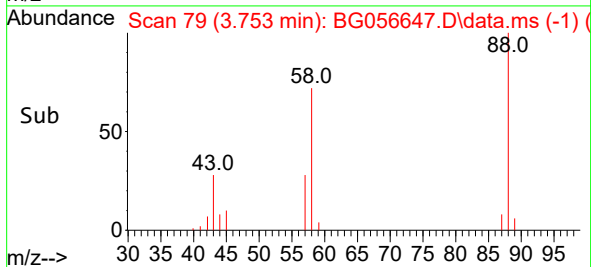
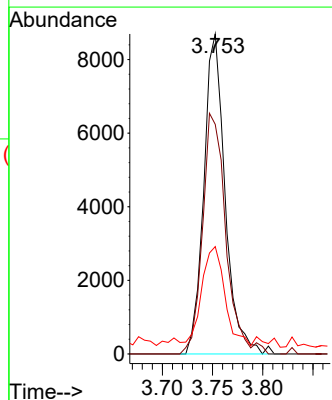
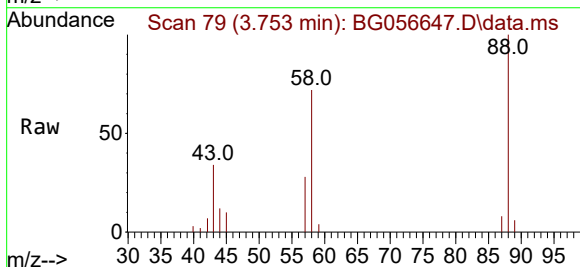
Instrument :  
BNA\_G  
ClientSampleId :  
PB150875BS

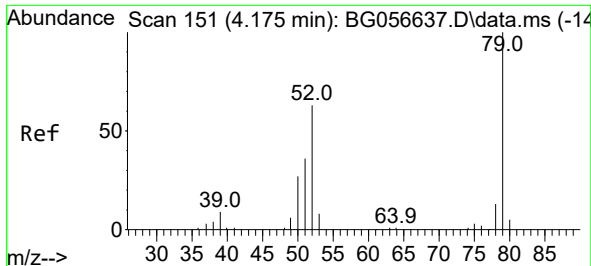
Tgt Ion:152 Resp: 12575  
Ion Ratio Lower Upper  
152 100  
150 161.0 124.8 187.2  
115 60.6 44.7 67.1



#2  
1,4-Dioxane  
Concen: 37.951 ng  
RT: 3.753 min Scan# 79  
Delta R.T. -0.005 min  
Lab File: BG056647.D  
Acq: 16 Feb 2023 00:45

Tgt Ion: 88 Resp: 12859  
Ion Ratio Lower Upper  
88 100  
58 82.1 62.2 93.2  
43 33.5 26.6 40.0

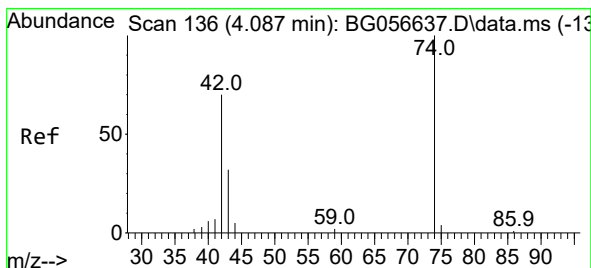
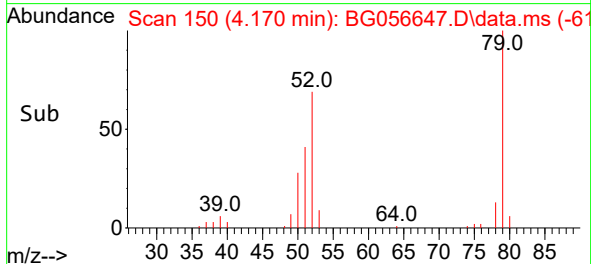
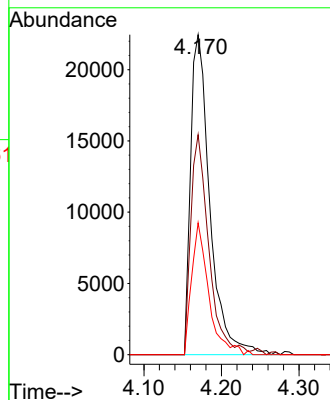
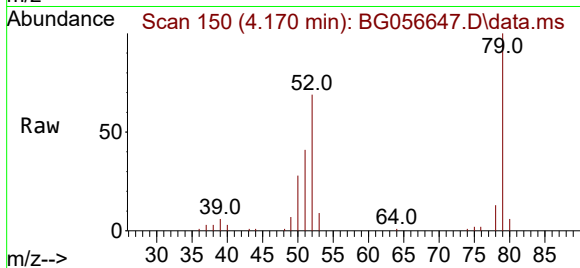




#3  
Pyridine  
Concen: 36.099 ng  
RT: 4.170 min Scan# 11  
Delta R.T. -0.005 min  
Lab File: BG056647.D  
Acq: 16 Feb 2023 00:45

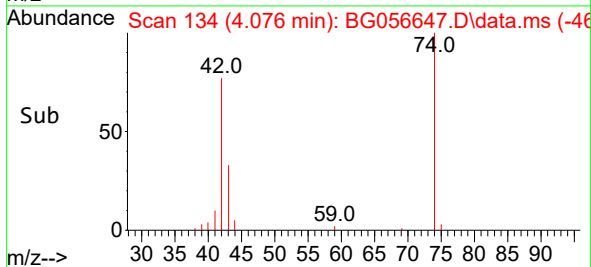
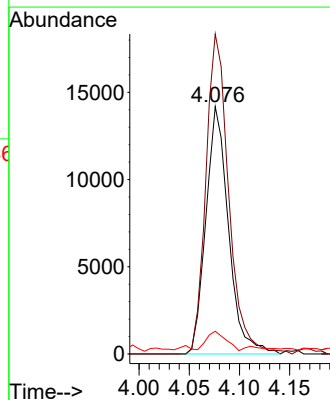
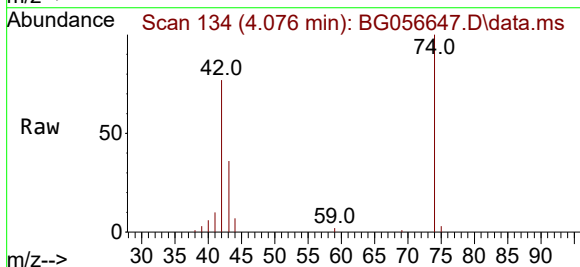
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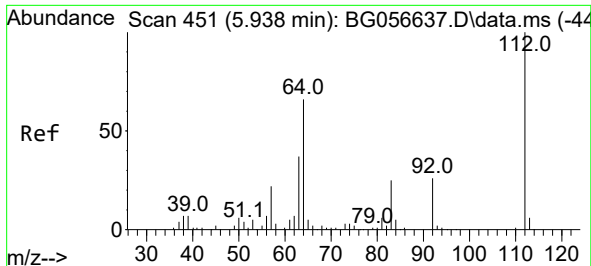
Tgt Ion: 79 Resp: 38690  
Ion Ratio Lower Upper  
79 100  
52 68.8 50.8 76.2  
51 41.2 29.1 43.7



#4  
n-Nitrosodimethylamine  
Concen: 44.542 ng  
RT: 4.076 min Scan# 134  
Delta R.T. -0.011 min  
Lab File: BG056647.D  
Acq: 16 Feb 2023 00:45

Tgt Ion: 42 Resp: 22252  
Ion Ratio Lower Upper  
42 100  
74 129.4 114.5 171.7  
44 9.2 7.2 10.8

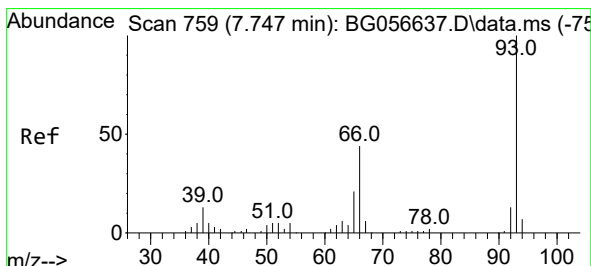
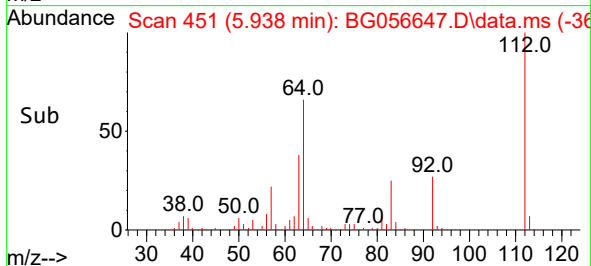
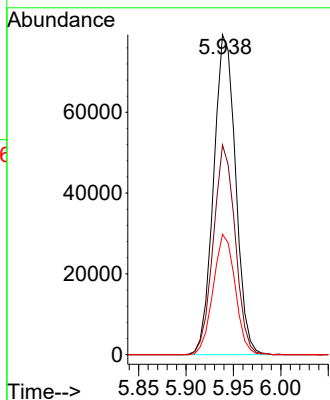
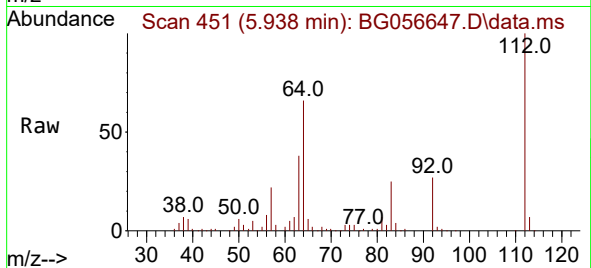




#5  
2-Fluorophenol  
Concen: 165.423 ng  
RT: 5.938 min Scan# 451  
Delta R.T. 0.001 min  
Lab File: BG056647.D  
Acq: 16 Feb 2023 00:45

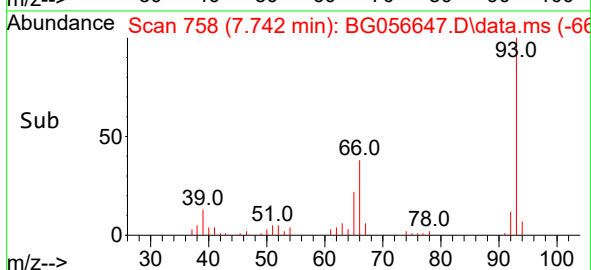
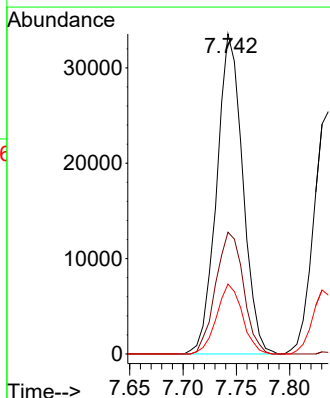
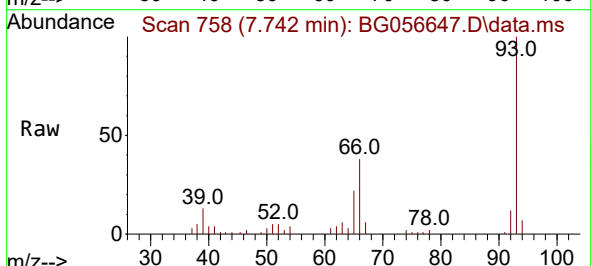
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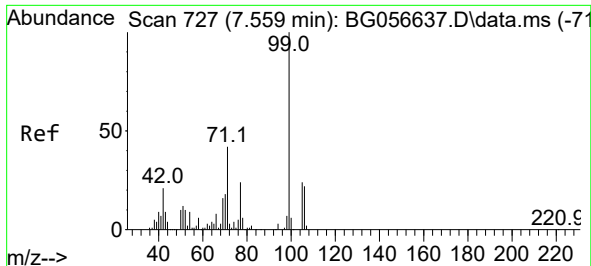
Tgt Ion:112 Resp: 127849  
Ion Ratio Lower Upper  
112 100  
64 65.6 52.6 78.8  
63 37.6 29.8 44.6



#6  
Aniline  
Concen: 35.908 ng  
RT: 7.742 min Scan# 758  
Delta R.T. -0.005 min  
Lab File: BG056647.D  
Acq: 16 Feb 2023 00:45

Tgt Ion: 93 Resp: 56972  
Ion Ratio Lower Upper  
93 100  
66 38.1 35.0 52.4  
65 21.9 16.5 24.7

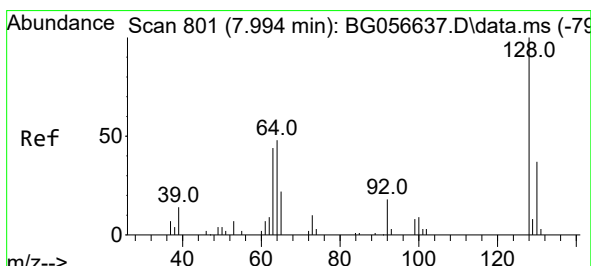
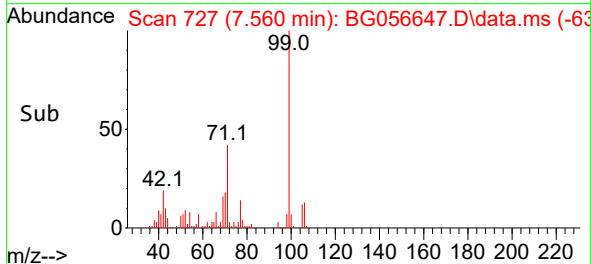
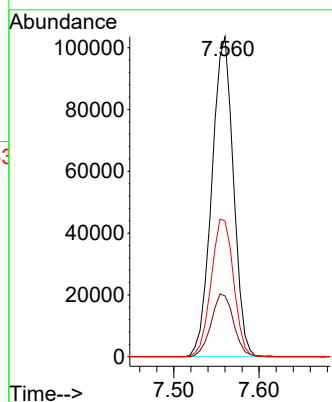
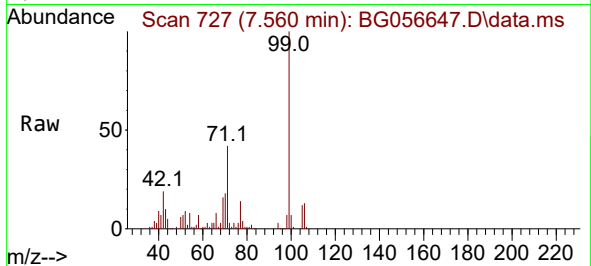




#7  
Phenol-d6  
Concen: 159.290 ng  
RT: 7.560 min Scan# 71  
Delta R.T. 0.001 min  
Lab File: BG056647.D  
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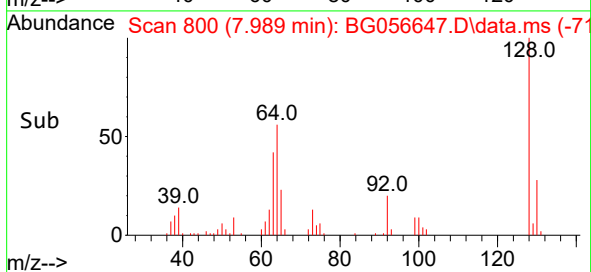
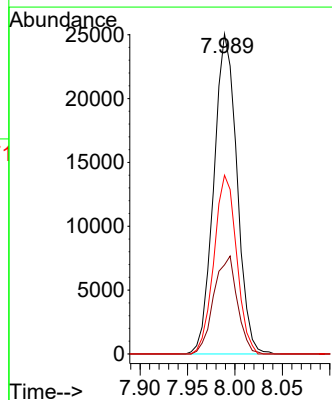
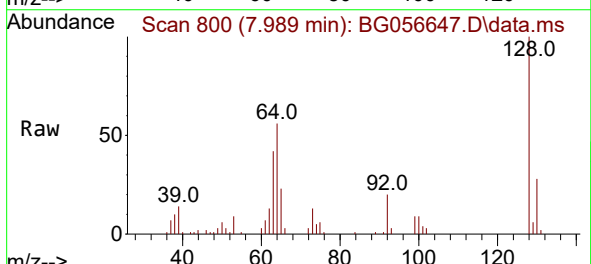
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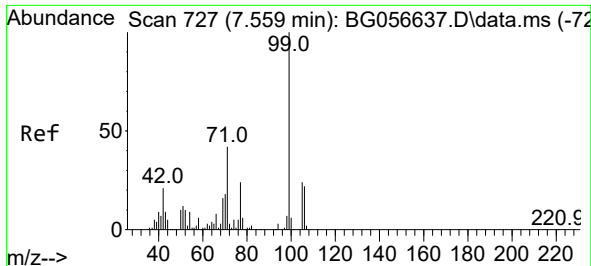
Tgt Ion: 99 Resp: 181851  
Ion Ratio Lower Upper  
99 100  
42 19.0 16.8 25.2  
71 42.3 33.9 50.9



#8  
2-Chlorophenol  
Concen: 55.593 ng  
RT: 7.989 min Scan# 800  
Delta R.T. -0.005 min  
Lab File: BG056647.D  
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Tgt Ion:128 Resp: 42511  
Ion Ratio Lower Upper  
128 100  
130 27.8 16.8 56.8  
64 55.9 36.3 76.3

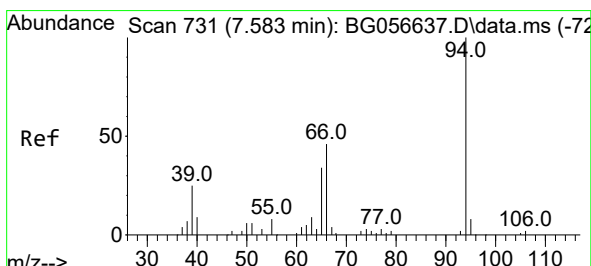
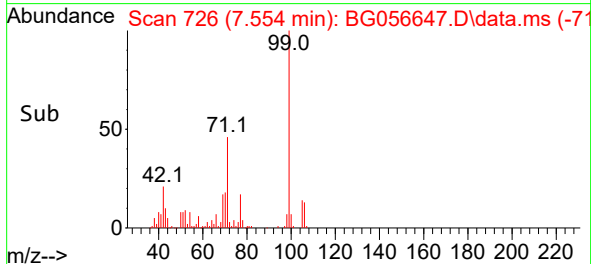
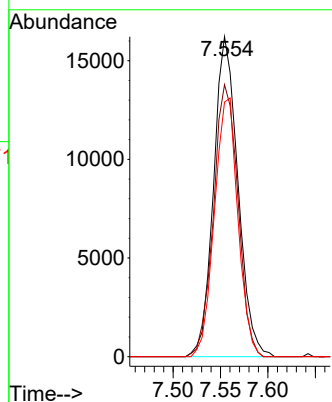
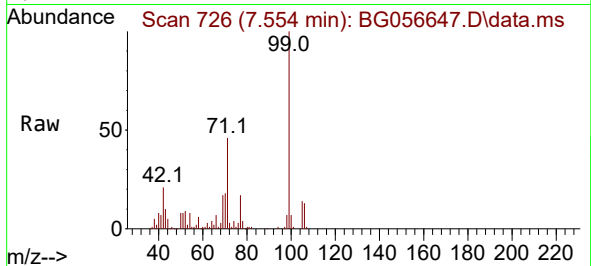




#9  
Benzaldehyde  
Concen: 47.848 ng  
RT: 7.554 min Scan# 71  
Delta R.T. -0.005 min  
Lab File: BG056647.D  
Acq: 16 Feb 2023 00:45

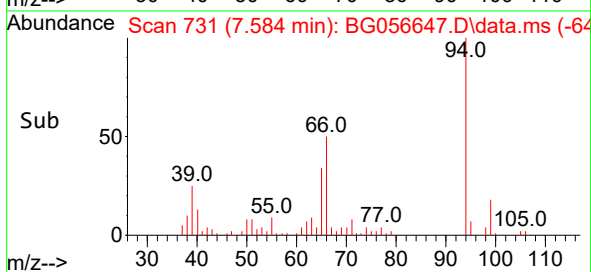
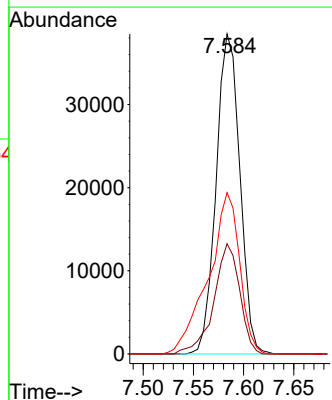
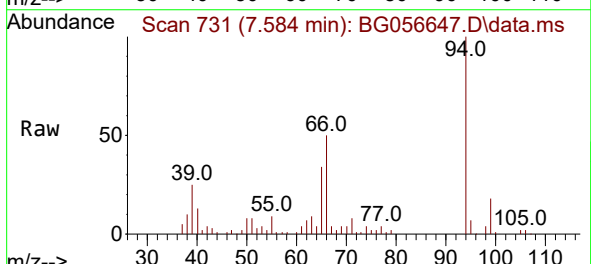
Instrument :  
BNA\_G  
ClientSampleId :  
PB150875BS

Tgt Ion: 77 Resp: 28888  
Ion Ratio Lower Upper  
77 100  
105 85.0 78.4 118.4  
106 79.5 71.3 111.3

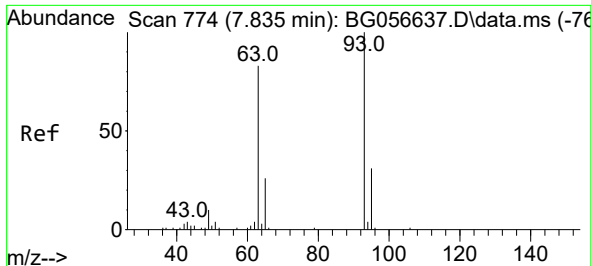


#10  
Phenol  
Concen: 54.097 ng  
RT: 7.584 min Scan# 731  
Delta R.T. 0.001 min  
Lab File: BG056647.D  
Acq: 16 Feb 2023 00:45

Tgt Ion: 94 Resp: 63175  
Ion Ratio Lower Upper  
94 100  
65 34.4 14.2 54.2  
66 50.4 27.9 67.9



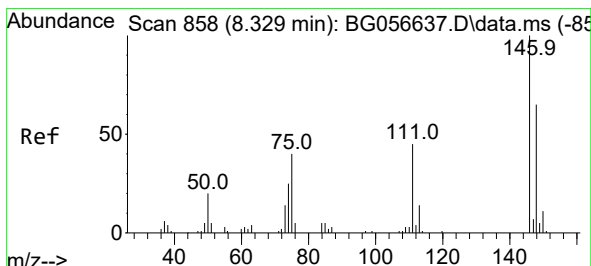
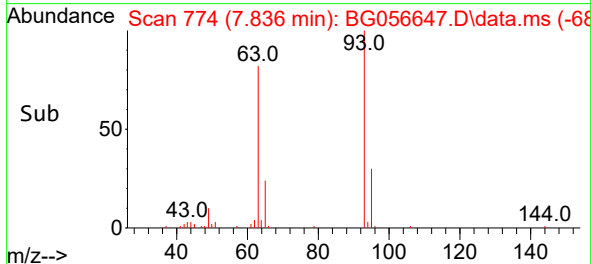
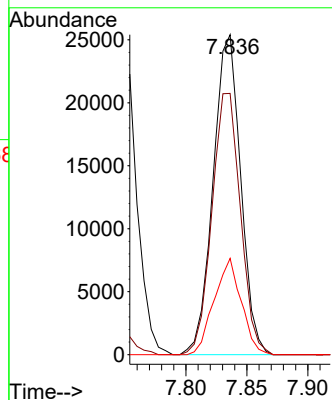
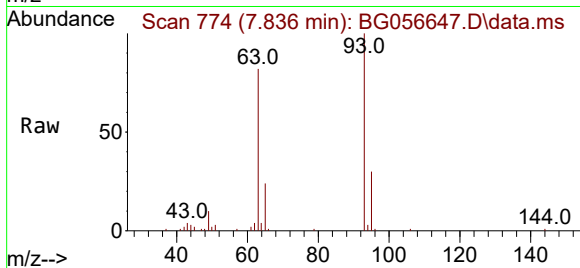




#11  
bis(2-Chloroethyl)ether  
Concen: 45.649 ng  
RT: 7.836 min Scan# 71  
Delta R.T. 0.001 min  
Lab File: BG056647.D  
Acq: 16 Feb 2023 00:45

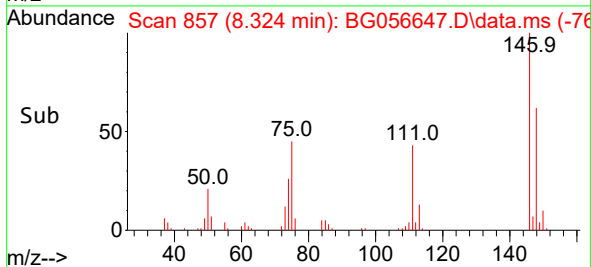
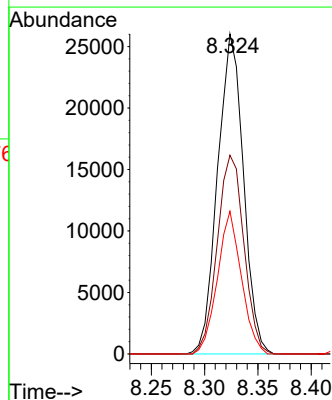
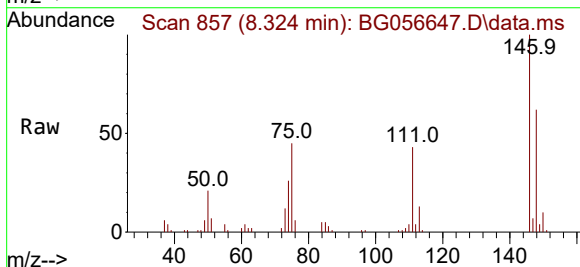
Instrument :  
BNA\_G  
ClientSampleId :  
PB150875BS

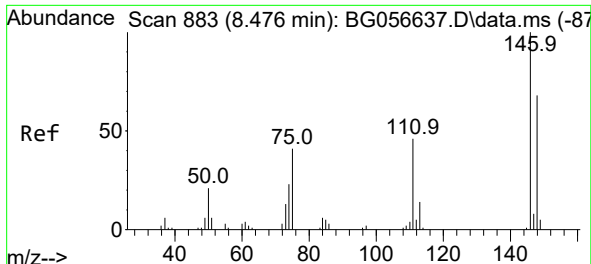
Tgt Ion: 93 Resp: 39999  
Ion Ratio Lower Upper  
93 100  
63 81.7 62.8 102.8  
95 30.1 10.8 50.8



#12  
1,3-Dichlorobenzene  
Concen: 48.063 ng  
RT: 8.324 min Scan# 857  
Delta R.T. -0.005 min  
Lab File: BG056647.D  
Acq: 16 Feb 2023 00:45

Tgt Ion: 146 Resp: 43789  
Ion Ratio Lower Upper  
146 100  
148 62.1 51.9 77.9  
75 44.6 31.8 47.6





#13

1,4-Dichlorobenzene

Concen: 49.417 ng

RT: 8.471 min Scan# 81

Delta R.T. -0.005 min

Lab File: BG056647.D

Acq: 16 Feb 2023 00:45

Instrument :

BNA\_G

ClientSampleId :

PB150875BS

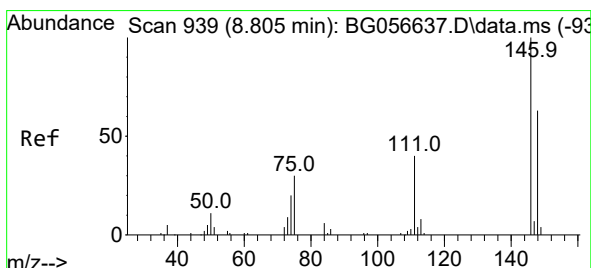
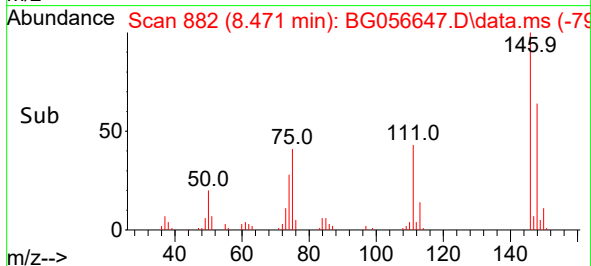
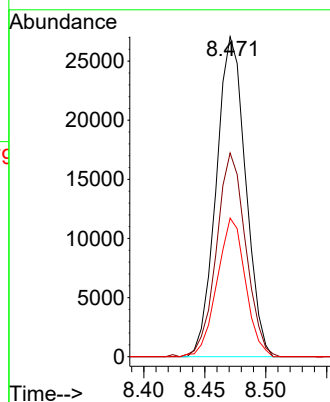
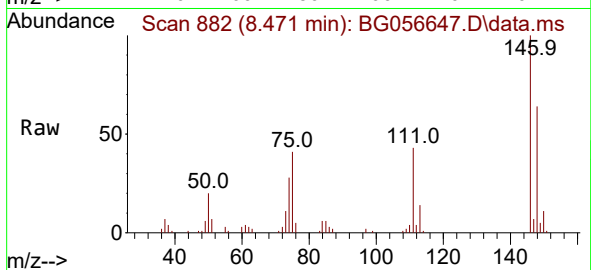
Tgt Ion:146 Resp: 45342

Ion Ratio Lower Upper

146 100

148 63.7 54.5 81.7

111 43.3 37.2 55.8



#14

1,2-Dichlorobenzene

Concen: 49.932 ng

RT: 8.800 min Scan# 938

Delta R.T. -0.005 min

Lab File: BG056647.D

Acq: 16 Feb 2023 00:45

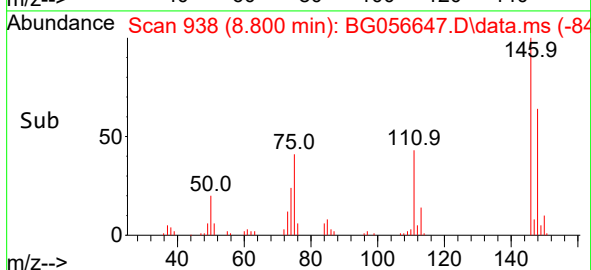
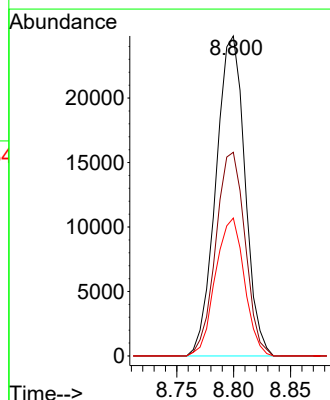
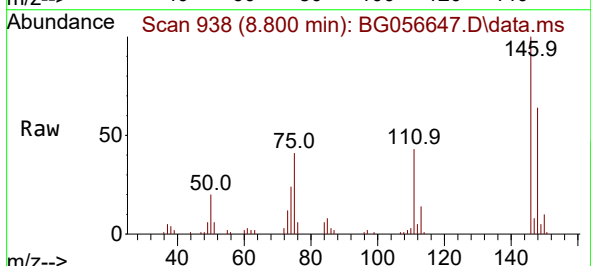
Tgt Ion:146 Resp: 44037

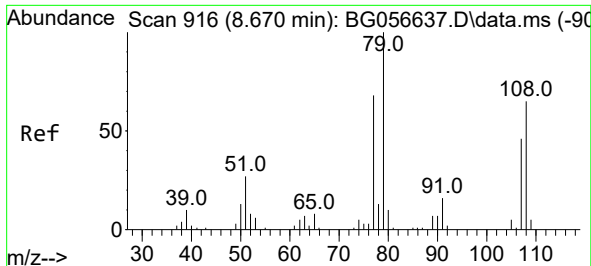
Ion Ratio Lower Upper

146 100

148 63.6 50.7 76.1

111 43.1 33.8 50.6

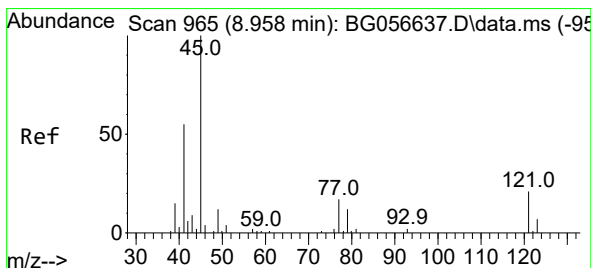
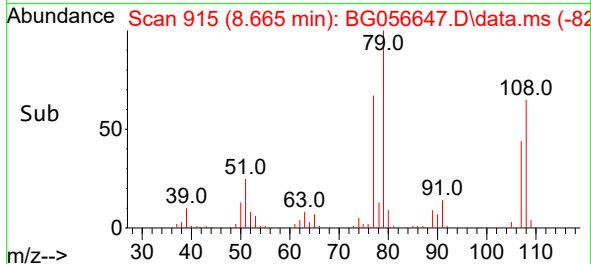
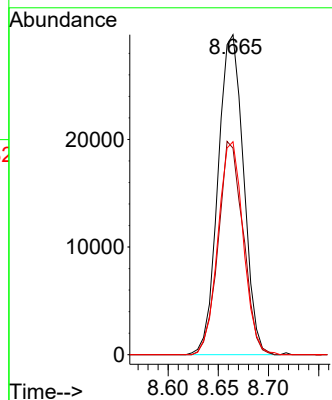
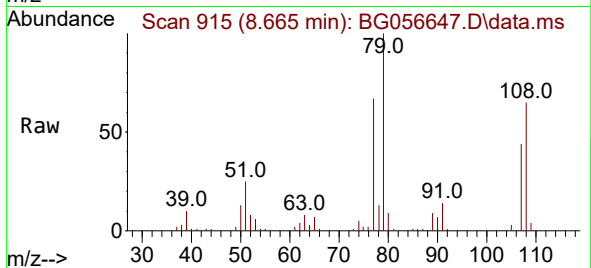




#15  
Benzyl Alcohol  
Concen: 51.310 ng  
RT: 8.665 min Scan# 915  
Delta R.T. -0.005 min  
Lab File: BG056647.D  
Acq: 16 Feb 2023 00:45

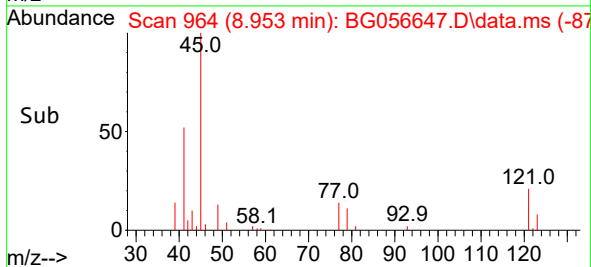
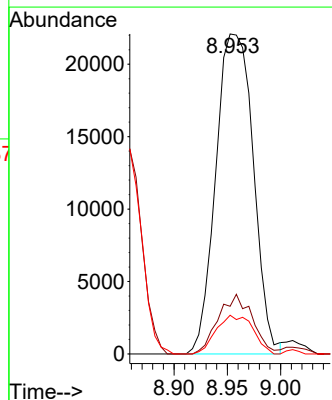
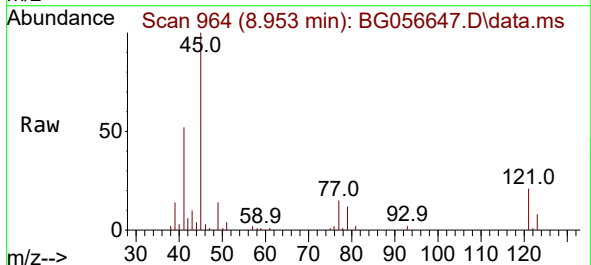
Instrument :  
BNA\_G  
ClientSampleId :  
PB150875BS

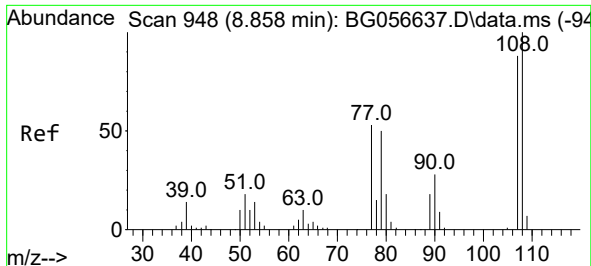
Tgt Ion: 79 Resp: 52451  
Ion Ratio Lower Upper  
79 100  
108 64.6 52.0 78.0  
77 66.6 54.2 81.2



#16  
2,2'-oxybis(1-Chloropropane)  
Concen: 45.926 ng  
RT: 8.953 min Scan# 964  
Delta R.T. -0.005 min  
Lab File: BG056647.D  
Acq: 16 Feb 2023 00:45

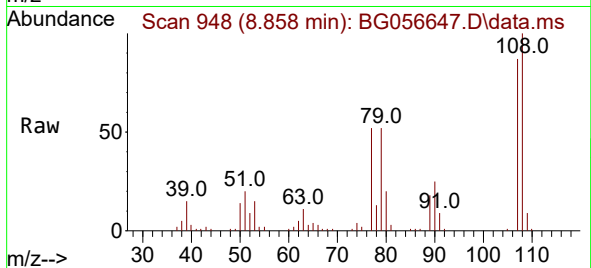
Tgt Ion: 45 Resp: 54026  
Ion Ratio Lower Upper  
45 100  
77 14.9 0.0 36.5  
79 12.1 0.0 31.6



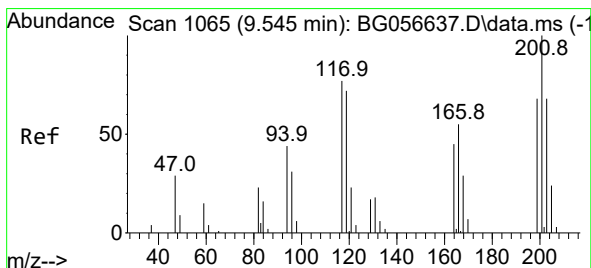
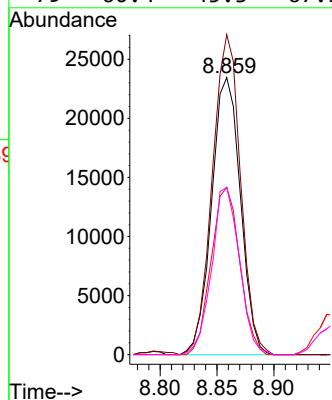
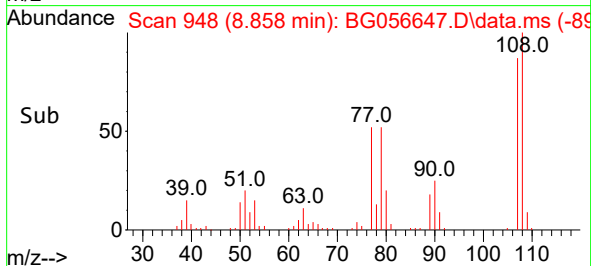


#17  
2-Methylphenol  
Concen: 50.413 ng  
RT: 8.858 min Scan# 94  
Delta R.T. 0.001 min  
Lab File: BG056647.D  
Acq: 16 Feb 2023 00:45

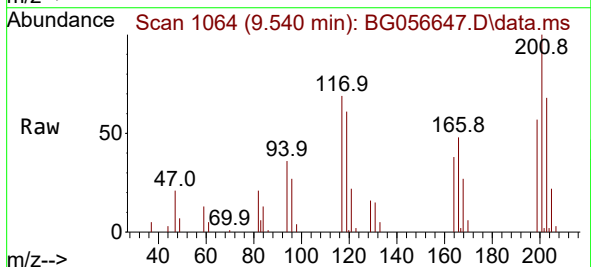
Instrument :  
BNA\_G  
ClientSampleId :  
PB150875BS



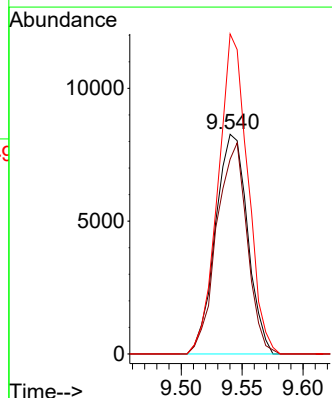
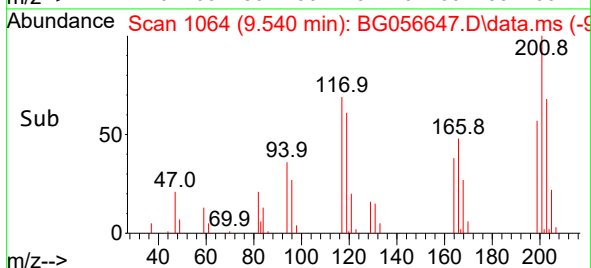
Tgt Ion:107 Resp: 41373  
Ion Ratio Lower Upper  
107 100  
108 115.5 91.3 136.9  
77 60.4 48.5 72.7  
79 60.4 45.3 67.9

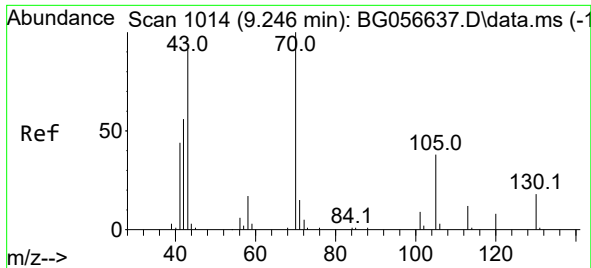


#18  
Hexachloroethane  
Concen: 52.249 ng  
RT: 9.540 min Scan# 1064  
Delta R.T. -0.005 min  
Lab File: BG056647.D  
Acq: 16 Feb 2023 00:45



Tgt Ion:117 Resp: 15186  
Ion Ratio Lower Upper  
117 100  
119 88.6 74.1 111.1  
201 147.9 106.4 159.6





#19

n-Nitroso-di-n-propylamine

Concen: 47.826 ng

RT: 9.235 min Scan# 1012

Delta R.T. -0.011 min

Lab File: BG056647.D

Acq: 16 Feb 2023 00:45

Instrument :

BNA\_G

ClientSampleId :

PB150875BS

Tgt Ion: 70 Resp: 40875

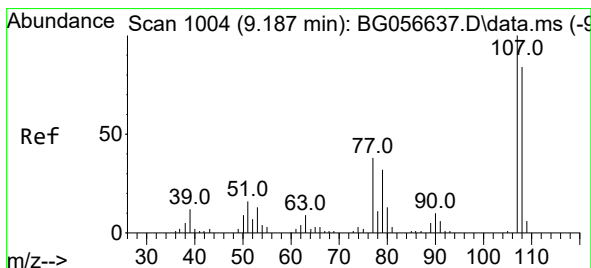
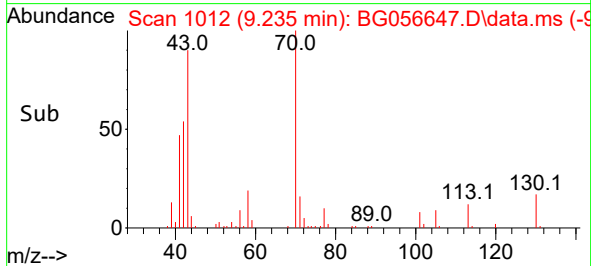
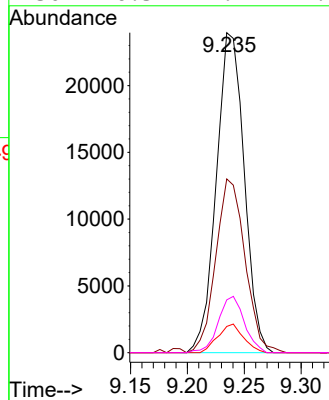
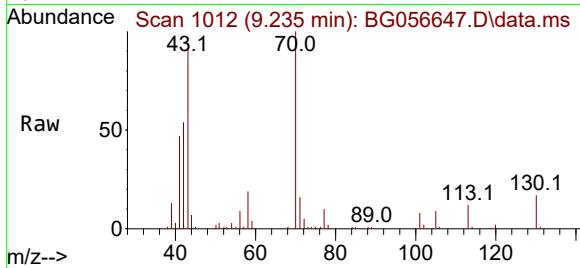
Ion Ratio Lower Upper

70 100

42 54.3 45.7 68.5

101 8.2 7.4 11.0

130 16.5 14.2 21.4



#20

3+4-Methylphenols

Concen: 49.385 ng

RT: 9.188 min Scan# 1004

Delta R.T. 0.001 min

Lab File: BG056647.D

Acq: 16 Feb 2023 00:45

Tgt Ion:107 Resp: 55675

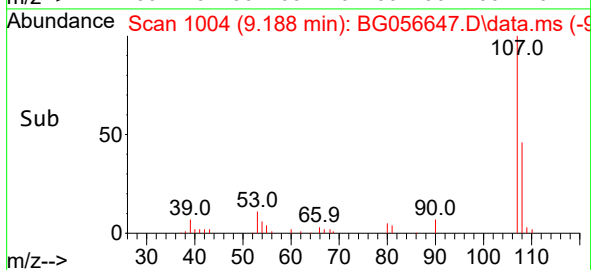
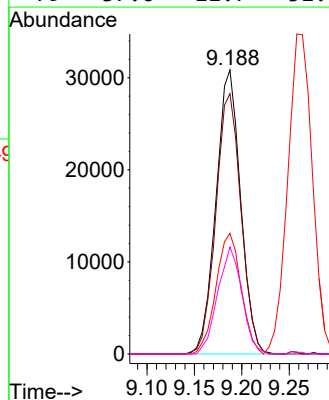
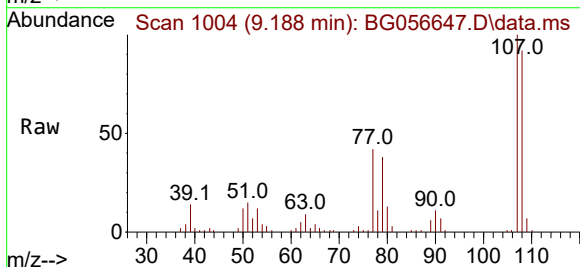
Ion Ratio Lower Upper

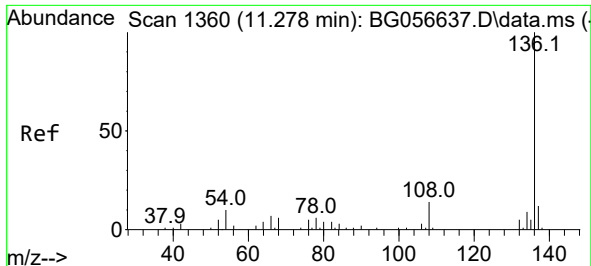
107 100

108 91.7 64.3 104.3

77 42.5 17.8 57.8

79 37.6 11.7 51.7





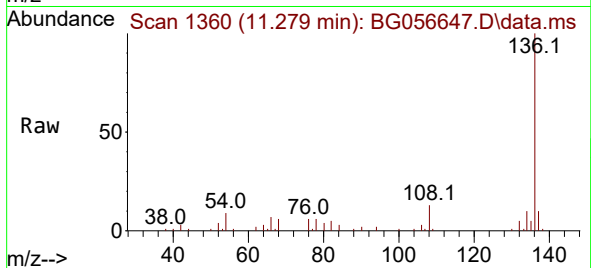
#21  
Naphthalene-d8  
Concen: 20.000 ng  
RT: 11.279 min Scan# 11  
Delta R.T. 0.001 min  
Lab File: BG056647.D  
Acq: 16 Feb 2023 00:45

Instrument :

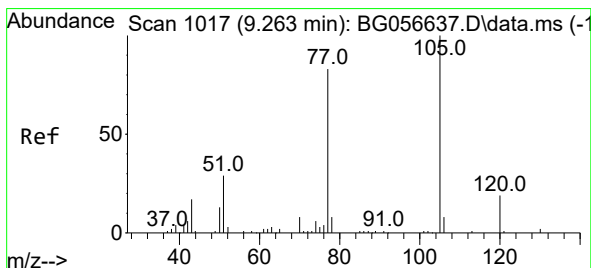
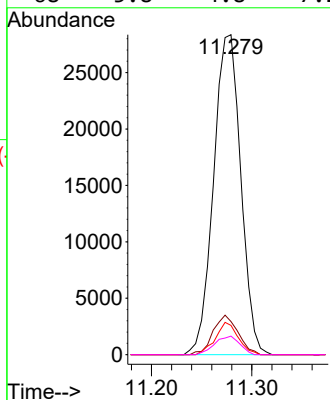
BNA\_G

ClientSampleId :

PB150875BS

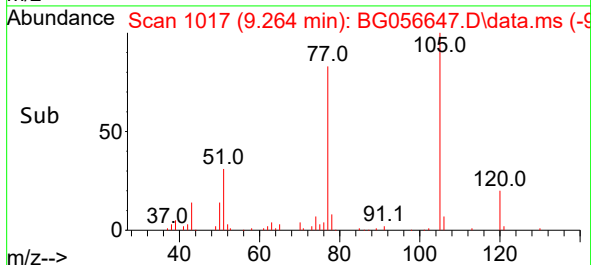
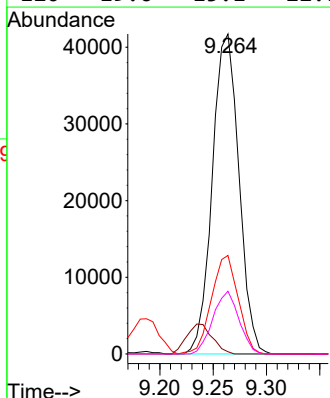
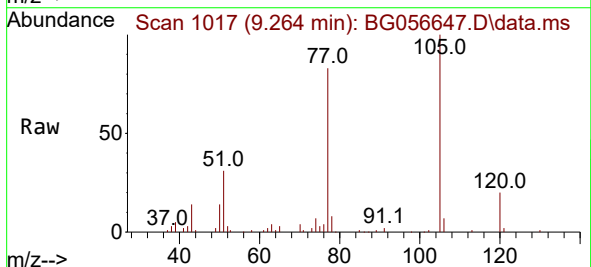


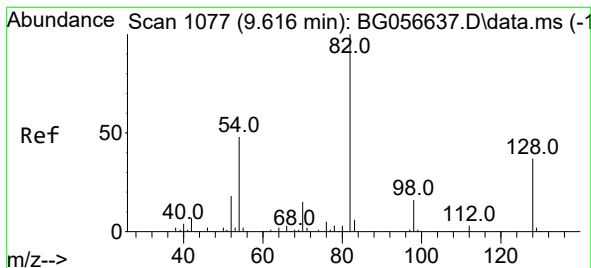
Tgt Ion:136 Resp: 53366  
Ion Ratio Lower Upper  
136 100  
137 10.3 9.7 14.5  
54 9.2 7.7 11.5  
68 5.8 4.8 7.2



#22  
Acetophenone  
Concen: 44.346 ng  
RT: 9.264 min Scan# 1017  
Delta R.T. 0.001 min  
Lab File: BG056647.D  
Acq: 16 Feb 2023 00:45

Tgt Ion:105 Resp: 72310  
Ion Ratio Lower Upper  
105 100  
71 0.7 1.4 2.0#  
51 30.8 23.9 35.9  
120 19.6 15.1 22.7





#23

Nitrobenzene-d5

Concen: 98.748 ng

RT: 9.611 min Scan# 1076

Delta R.T. -0.005 min

Lab File: BG056647.D

Acq: 16 Feb 2023 00:45

Instrument :

BNA\_G

ClientSampleId :

PB150875BS

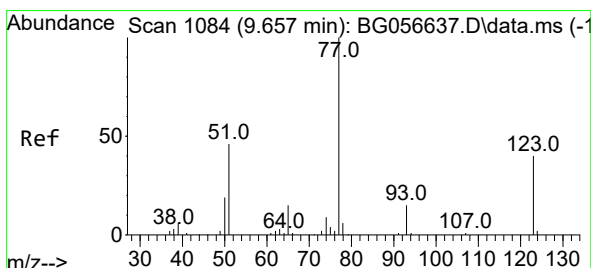
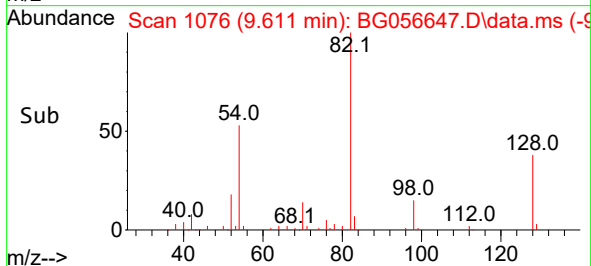
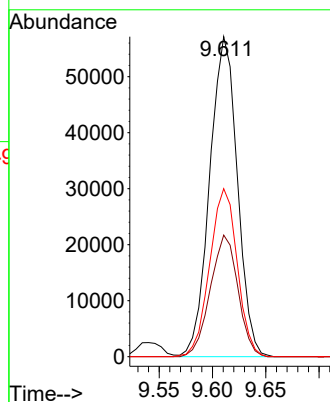
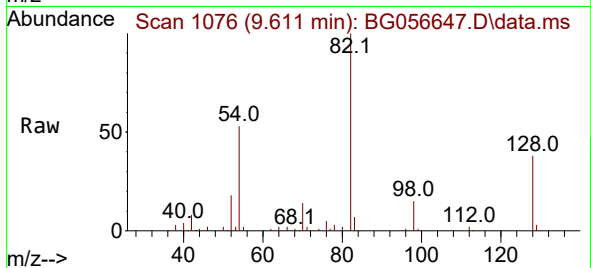
Tgt Ion: 82 Resp: 102923

Ion Ratio Lower Upper

82 100

128 38.0 29.4 44.2

54 52.5 37.8 56.6



#24

Nitrobenzene

Concen: 44.993 ng

RT: 9.652 min Scan# 1083

Delta R.T. -0.005 min

Lab File: BG056647.D

Acq: 16 Feb 2023 00:45

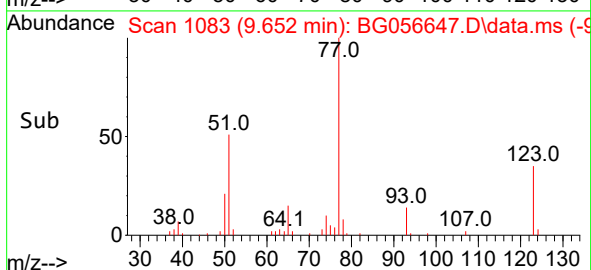
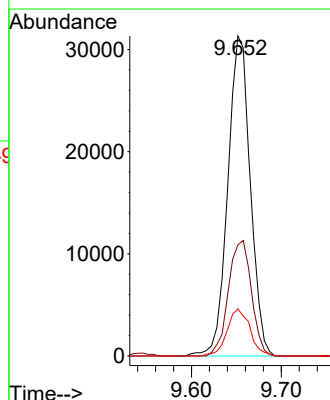
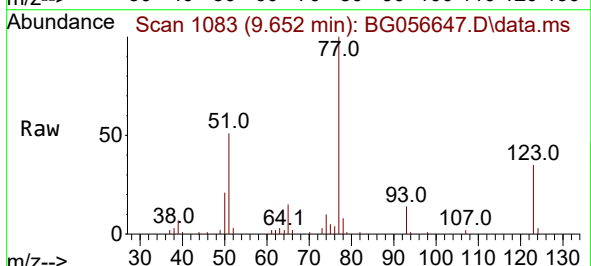
Tgt Ion: 77 Resp: 54406

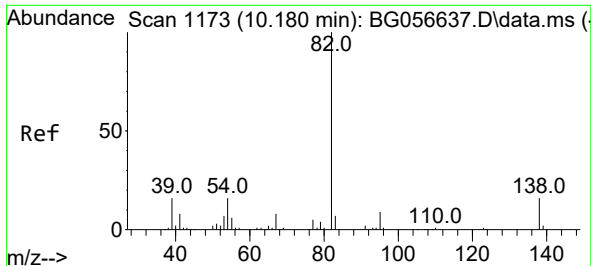
Ion Ratio Lower Upper

77 100

123 34.7 31.8 47.8

65 14.7 12.0 18.0

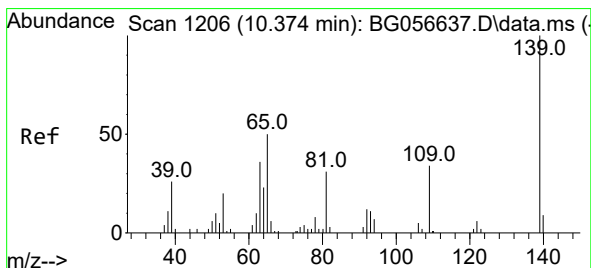
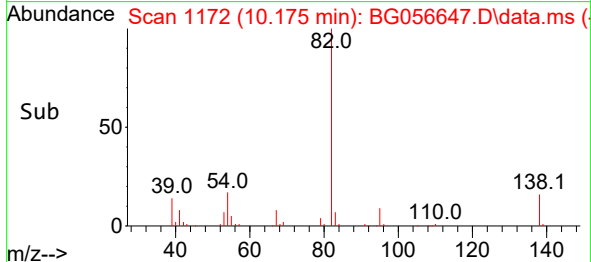
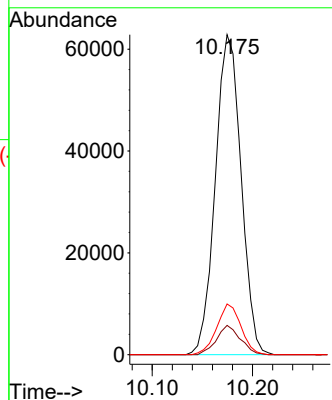
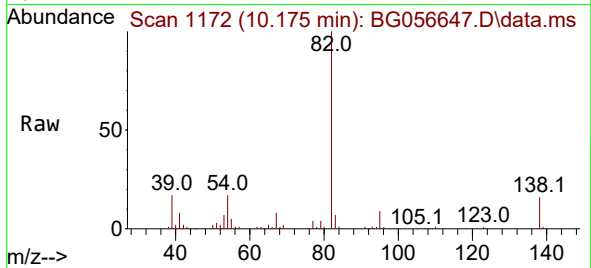




#25  
Isophorone  
Concen: 44.077 ng  
RT: 10.175 min Scan# 1173  
Delta R.T. -0.005 min  
Lab File: BG056647.D  
Acq: 16 Feb 2023 00:45

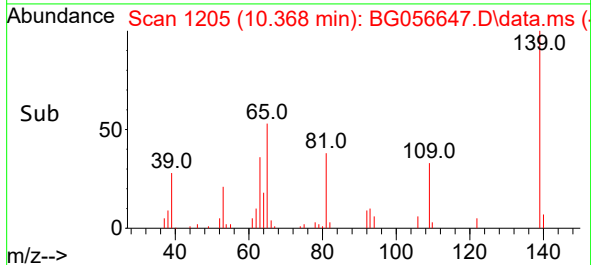
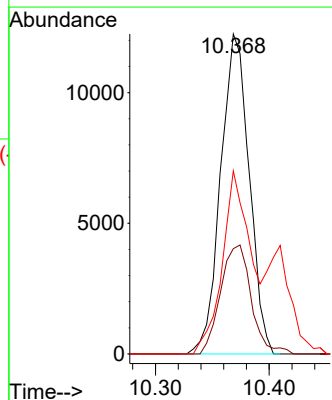
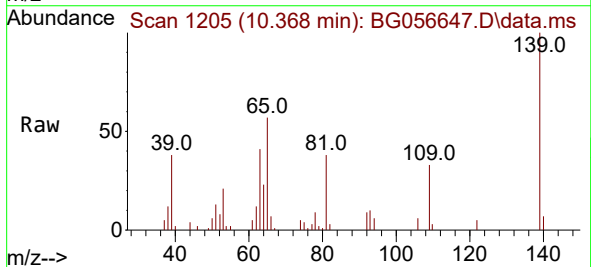
Instrument :  
BNA\_G  
ClientSampleId :  
PB150875BS

Tgt Ion: 82 Resp: 111807  
Ion Ratio Lower Upper  
82 100  
95 9.2 7.0 10.4  
138 15.9 12.9 19.3

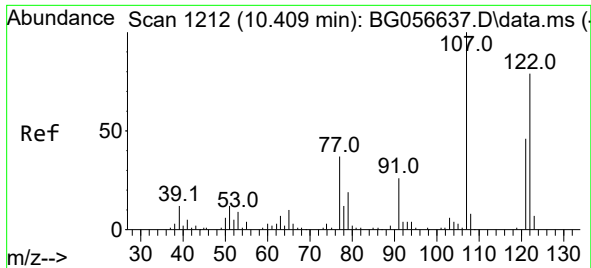


#26  
2-Nitrophenol  
Concen: 49.706 ng  
RT: 10.368 min Scan# 1205  
Delta R.T. -0.005 min  
Lab File: BG056647.D  
Acq: 16 Feb 2023 00:45

Tgt Ion:139 Resp: 21332  
Ion Ratio Lower Upper  
139 100  
109 32.9 27.0 40.6  
65 57.2 40.0 60.0







#27

2,4-Dimethylphenol

Concen: 49.102 ng

RT: 10.410 min Scan# 1

Delta R.T. 0.001 min

Lab File: BG056647.D

Acq: 16 Feb 2023 00:45

Instrument :

BNA\_G

ClientSampleId :

PB150875BS

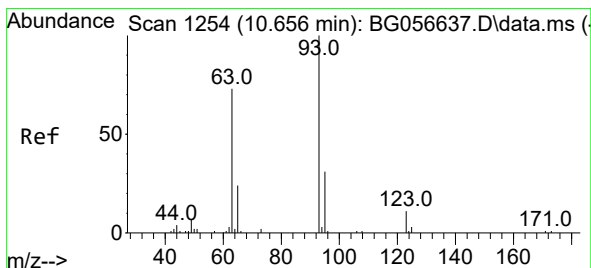
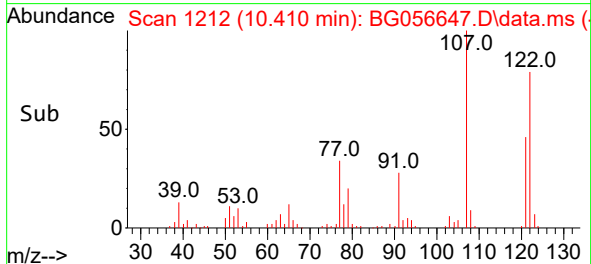
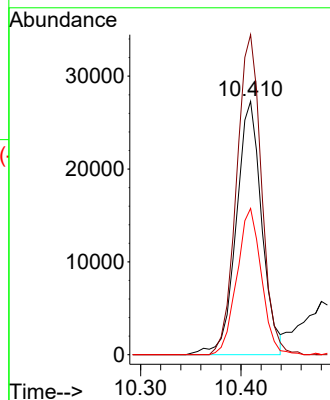
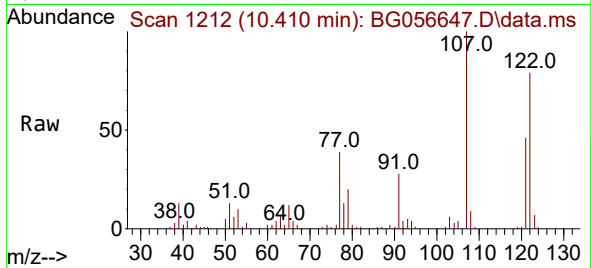
Tgt Ion:122 Resp: 48155

Ion Ratio Lower Upper

122 100

107 126.3 101.6 152.4

121 57.8 47.2 70.8



#28

bis(2-Chloroethoxy)methane

Concen: 44.680 ng

RT: 10.651 min Scan# 1253

Delta R.T. -0.005 min

Lab File: BG056647.D

Acq: 16 Feb 2023 00:45

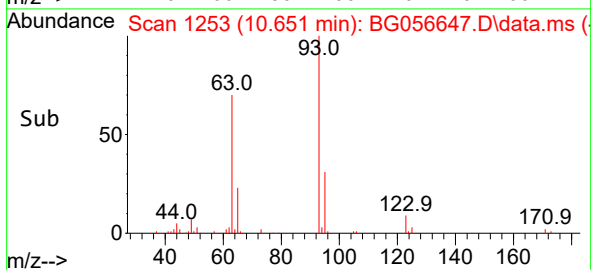
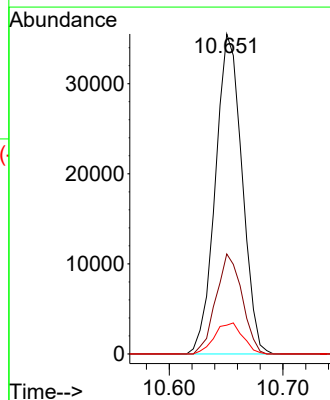
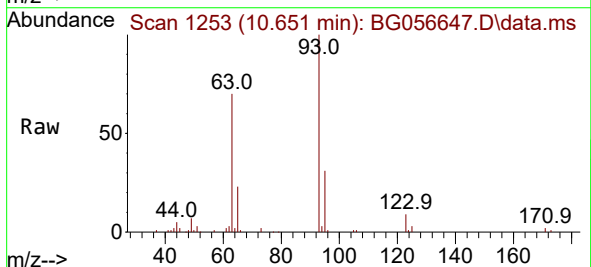
Tgt Ion: 93 Resp: 57760

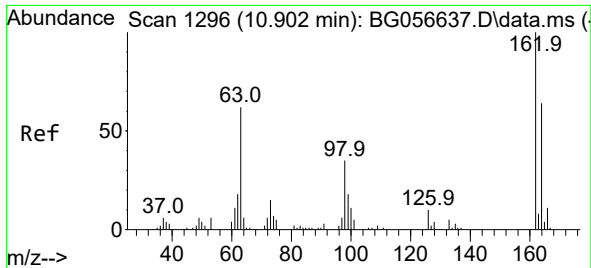
Ion Ratio Lower Upper

93 100

95 31.2 24.5 36.7

123 9.0 8.7 13.1





#29

2,4-Dichlorophenol

Concen: 52.823 ng

RT: 10.903 min Scan# 1296

Delta R.T. 0.001 min

Lab File: BG056647.D

Acq: 16 Feb 2023 00:45

Instrument :

BNA\_G

ClientSampleId :

PB150875BS

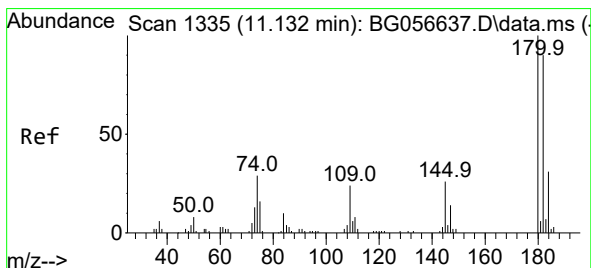
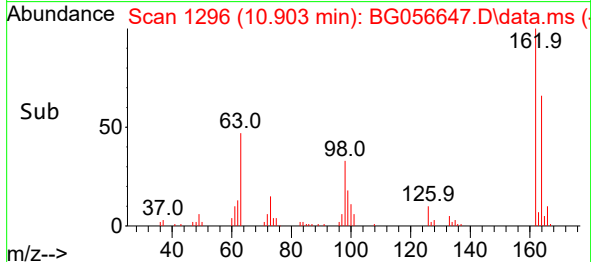
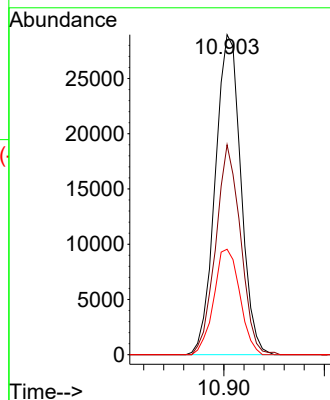
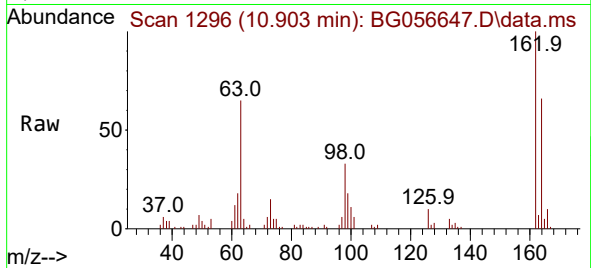
Tgt Ion:162 Resp: 51343

Ion Ratio Lower Upper

162 100

164 65.6 44.1 84.1

98 33.0 14.8 54.8



#30

1,2,4-Trichlorobenzene

Concen: 44.972 ng

RT: 11.132 min Scan# 1335

Delta R.T. 0.001 min

Lab File: BG056647.D

Acq: 16 Feb 2023 00:45

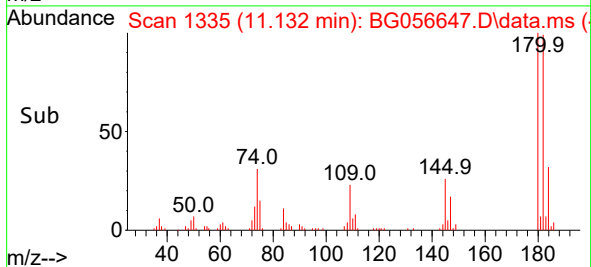
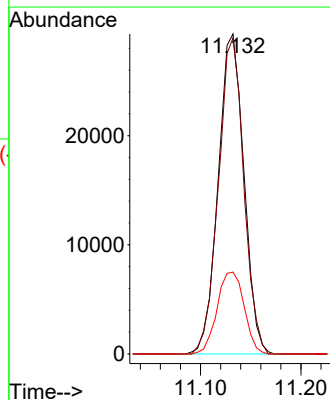
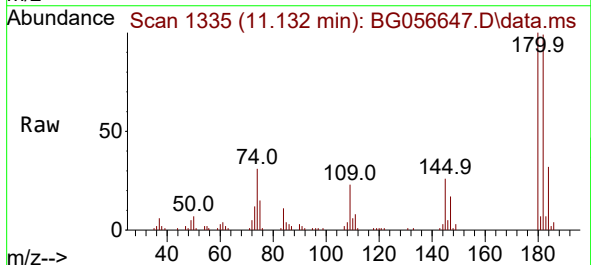
Tgt Ion:180 Resp: 52071

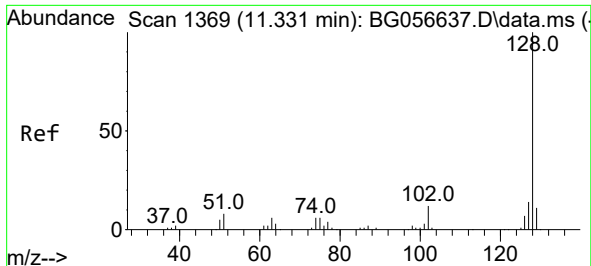
Ion Ratio Lower Upper

180 100

182 98.7 71.7 107.5

145 25.6 20.6 30.8

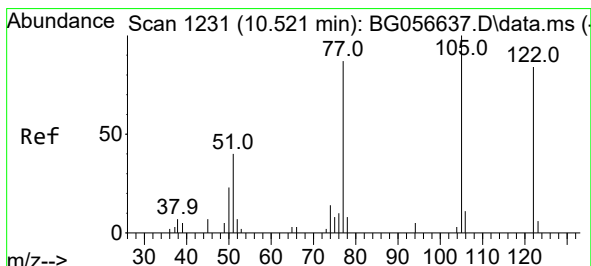
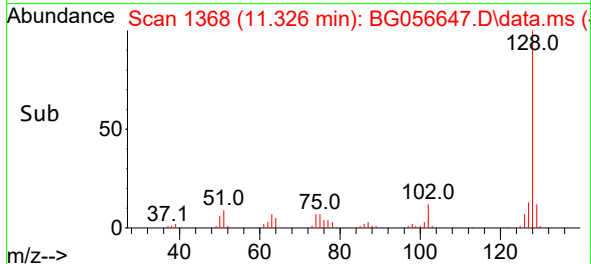
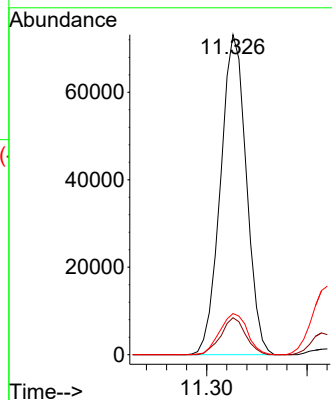
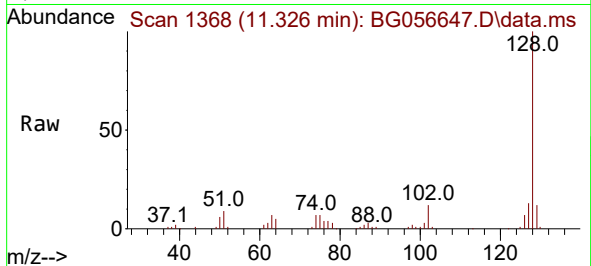




#31  
Naphthalene  
Concen: 44.137 ng  
RT: 11.326 min Scan# 11  
Delta R.T. -0.005 min  
Lab File: BG056647.D  
Acq: 16 Feb 2023 00:45

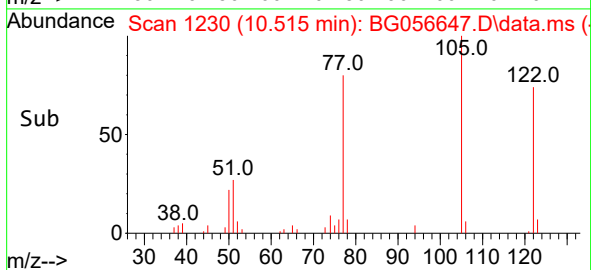
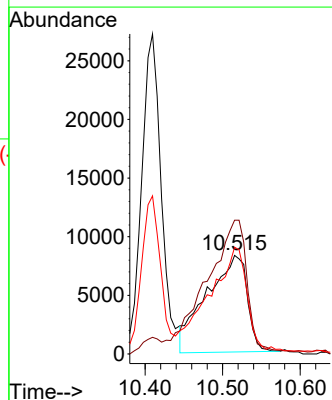
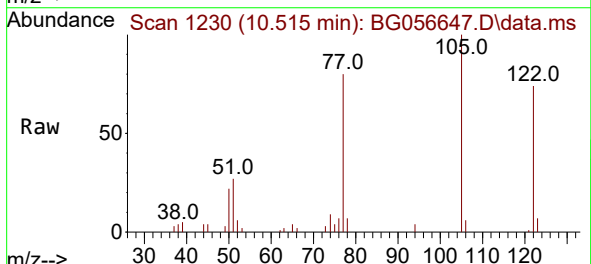
Instrument :  
BNA\_G  
ClientSampleId :  
PB150875BS

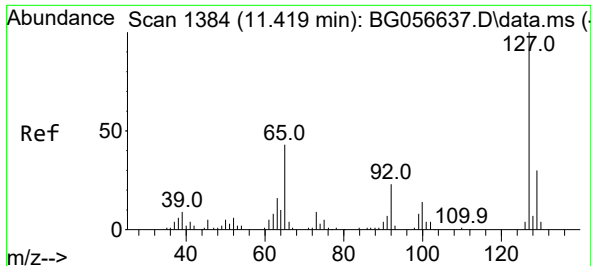
Tgt Ion:128 Resp: 130543  
Ion Ratio Lower Upper  
128 100  
129 11.5 8.7 13.1  
127 12.9 10.9 16.3



#32  
Benzoic acid  
Concen: 47.433 ng  
RT: 10.515 min Scan# 1230  
Delta R.T. -0.006 min  
Lab File: BG056647.D  
Acq: 16 Feb 2023 00:45

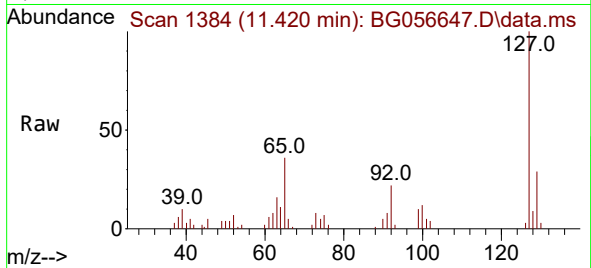
Tgt Ion:122 Resp: 29982  
Ion Ratio Lower Upper  
122 100  
105 135.7 100.5 140.5  
77 108.3 80.8 120.8



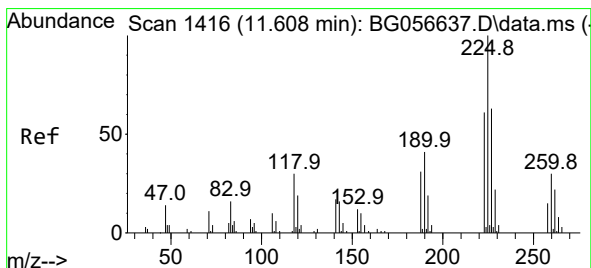
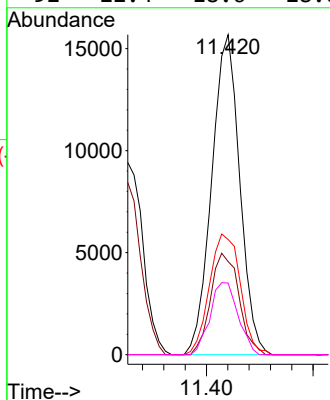
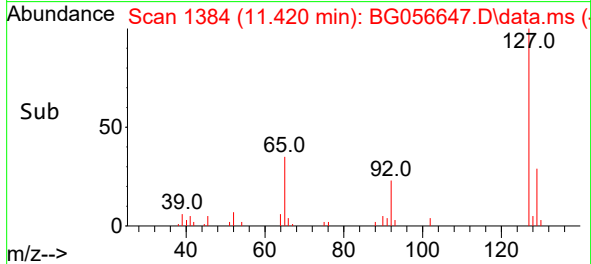


#33  
4-Chloroaniline  
Concen: 21.175 ng  
RT: 11.420 min Scan# 1140  
Delta R.T. 0.001 min  
Lab File: BG056647.D  
Acq: 16 Feb 2023 00:45

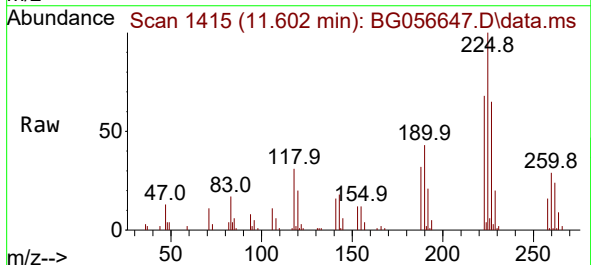
Instrument :  
BNA\_G  
ClientSampleId :  
PB150875BS



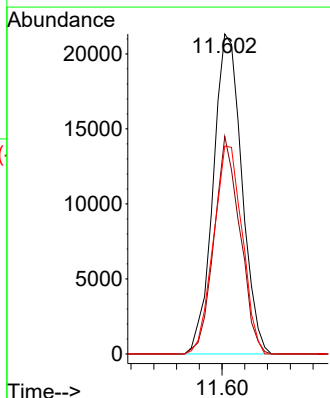
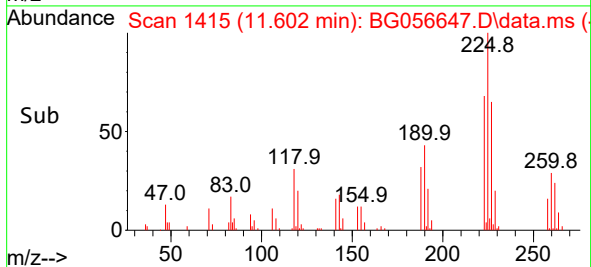
|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 127   | Resp: | 28613 |
| Ion      | Ratio | Lower | Upper |
| 127      | 100   |       |       |
| 129      | 29.1  | 24.1  | 36.1  |
| 65       | 36.0  | 34.3  | 51.5  |
| 92       | 22.4  | 18.6  | 28.0  |

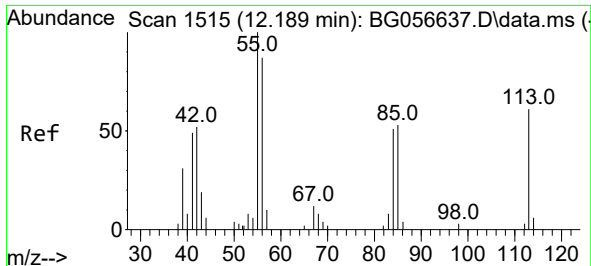


#34  
Hexachlorobutadiene  
Concen: 44.948 ng  
RT: 11.602 min Scan# 1415  
Delta R.T. -0.005 min  
Lab File: BG056647.D  
Acq: 16 Feb 2023 00:45



|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 225   | Resp: | 37192 |
| Ion      | Ratio | Lower | Upper |
| 225      | 100   |       |       |
| 223      | 68.0  | 48.5  | 72.7  |
| 227      | 65.0  | 50.2  | 75.4  |

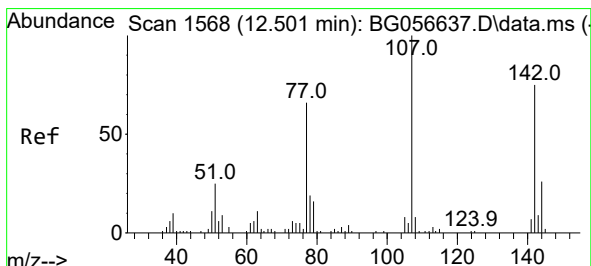
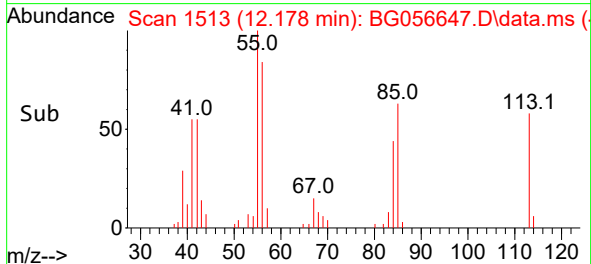
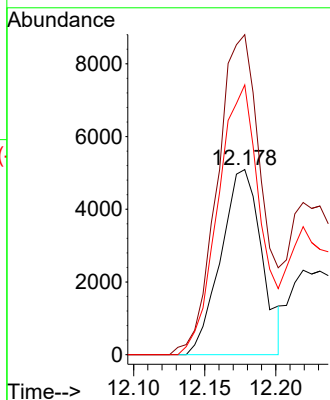
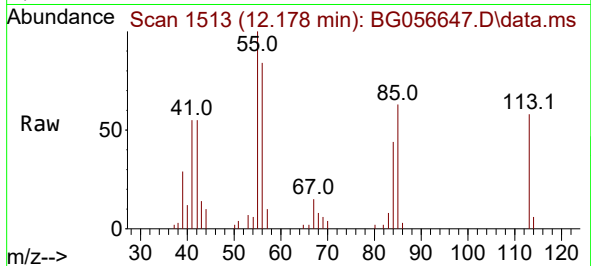




#35  
 Caprolactam  
 Concen: 32.589 ng  
 RT: 12.178 min Scan# 1513  
 Delta R.T. -0.011 min  
 Lab File: BG056647.D  
 Acq: 16 Feb 2023 00:45

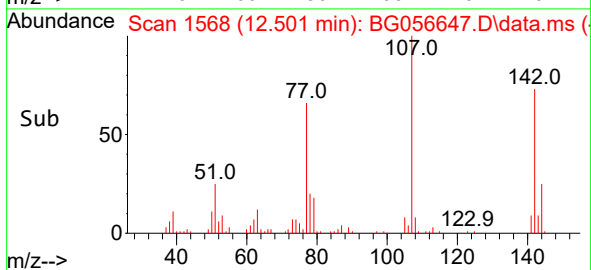
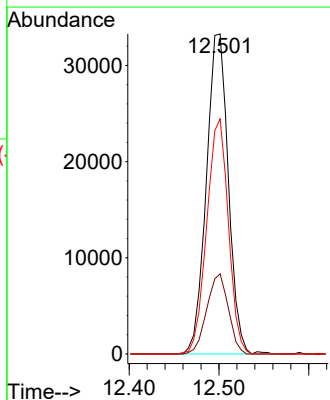
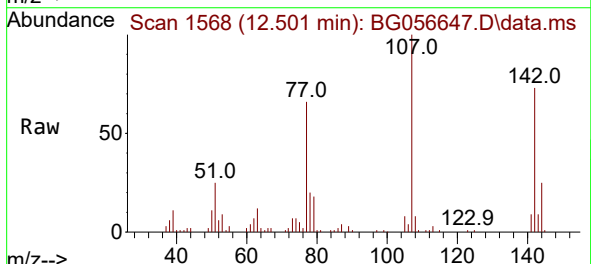
Instrument :  
 BNA\_G  
 ClientSampleId :  
 PB150875BS

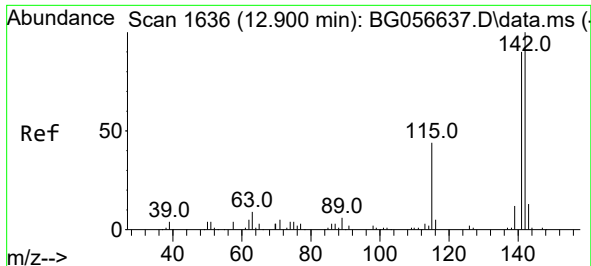
Tgt Ion:113 Resp: 10188  
 Ion Ratio Lower Upper  
 113 100  
 55 172.9 145.0 185.0  
 56 145.8 122.9 162.9



#36  
 4-Chloro-3-methylphenol  
 Concen: 52.807 ng  
 RT: 12.501 min Scan# 1568  
 Delta R.T. 0.001 min  
 Lab File: BG056647.D  
 Acq: 16 Feb 2023 00:45

Tgt Ion:107 Resp: 56603  
 Ion Ratio Lower Upper  
 107 100  
 144 25.1 21.0 31.4  
 142 73.4 60.1 90.1

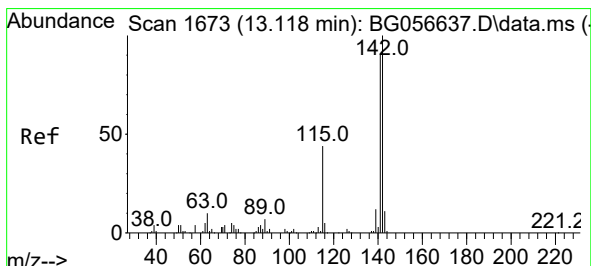
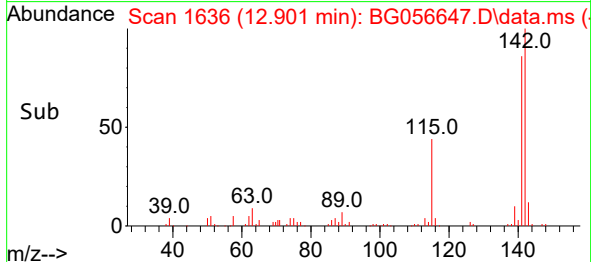
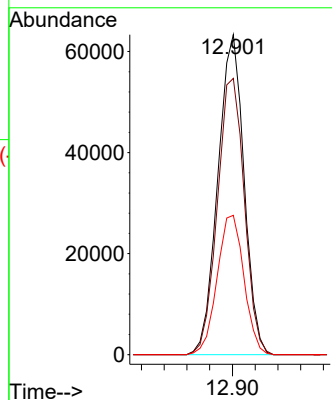
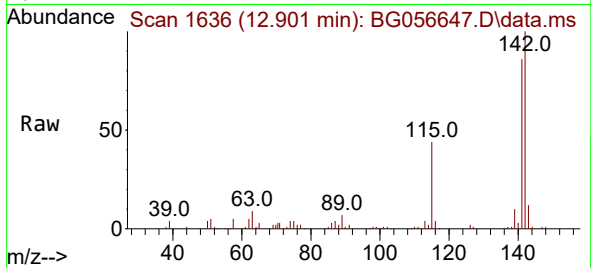




#37  
2-Methylnaphthalene  
Concen: 43.329 ng  
RT: 12.901 min Scan# 1  
Delta R.T. 0.001 min  
Lab File: BG056647.D  
Acq: 16 Feb 2023 00:45

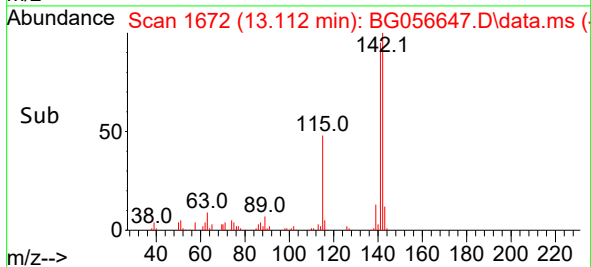
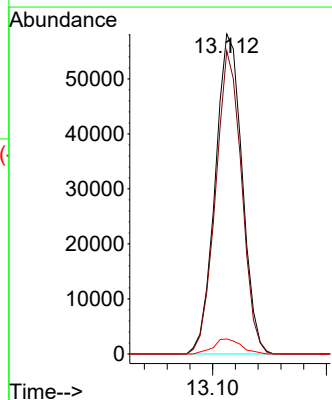
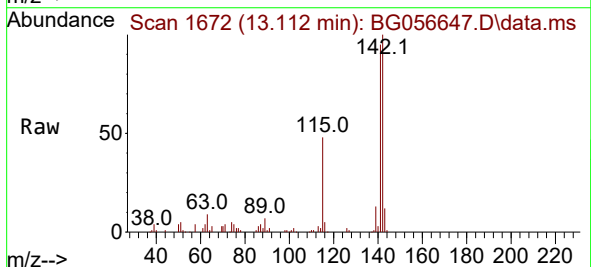
Instrument :  
BNA\_G  
ClientSampleId :  
PB150875BS

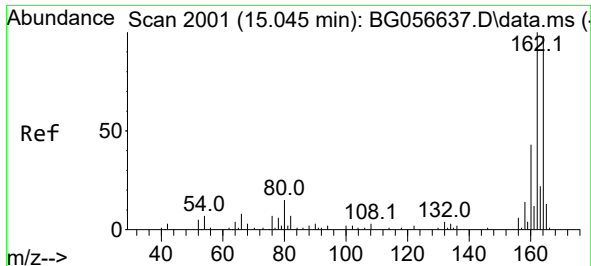
Tgt Ion:142 Resp: 101186  
Ion Ratio Lower Upper  
142 100  
141 86.4 71.9 107.9  
115 43.5 35.1 52.7



#38  
1-Methylnaphthalene  
Concen: 43.893 ng  
RT: 13.112 min Scan# 1672  
Delta R.T. -0.005 min  
Lab File: BG056647.D  
Acq: 16 Feb 2023 00:45

Tgt Ion:142 Resp: 95649  
Ion Ratio Lower Upper  
142 100  
141 94.7 72.7 109.1  
116 4.7 4.2 6.4





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 15.039 min Scan# 2000

Delta R.T. -0.005 min

Lab File: BG056647.D

Acq: 16 Feb 2023 00:45

Instrument :

BNA\_G

ClientSampleId :

PB150875BS

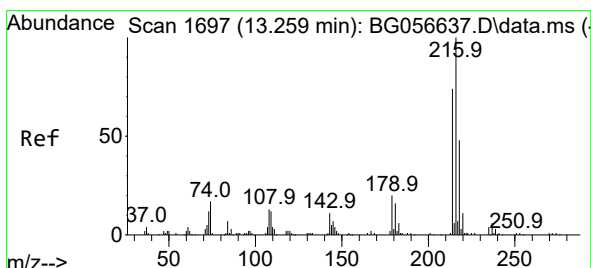
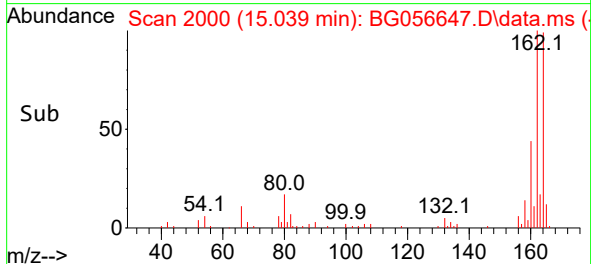
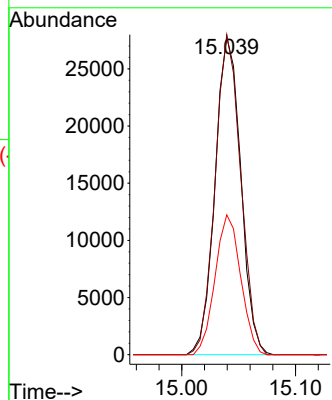
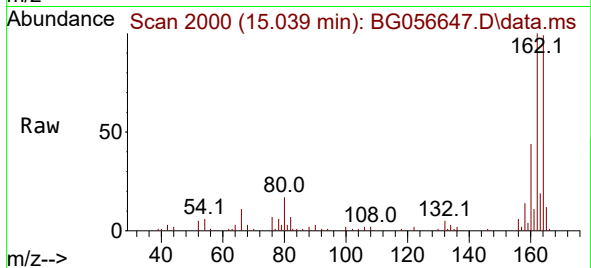
Tgt Ion:164 Resp: 43598

Ion Ratio Lower Upper

164 100

162 100.7 81.3 121.9

160 44.0 35.2 52.8



#40

1,2,4,5-Tetrachlorobenzene

Concen: 44.314 ng

RT: 13.253 min Scan# 1696

Delta R.T. -0.005 min

Lab File: BG056647.D

Acq: 16 Feb 2023 00:45

Tgt Ion:216 Resp: 71821

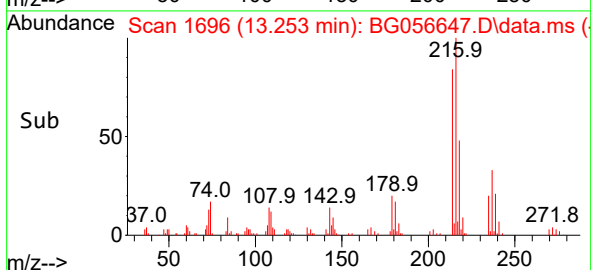
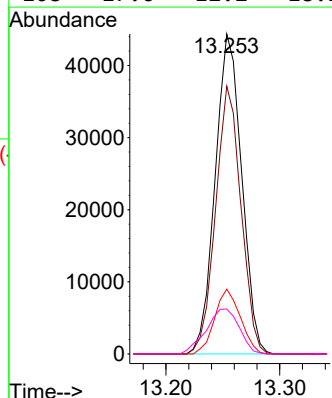
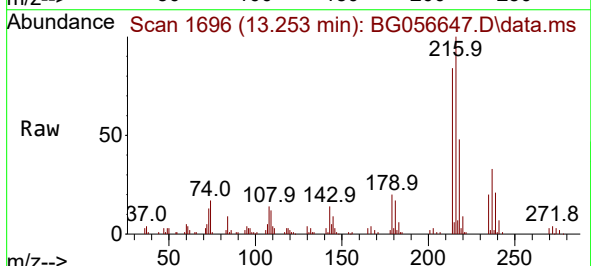
Ion Ratio Lower Upper

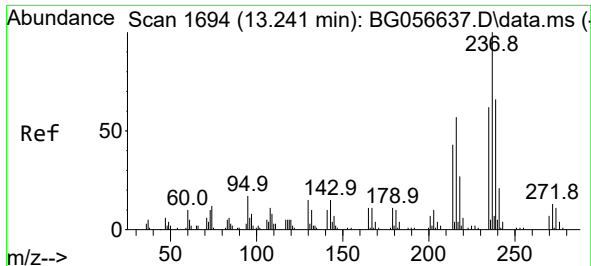
216 100

214 80.1 61.8 92.8

179 19.6 15.1 22.7

108 17.6 12.2 18.2

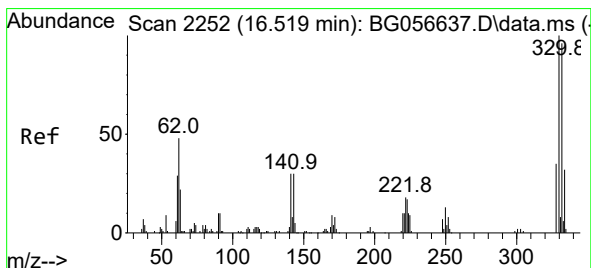
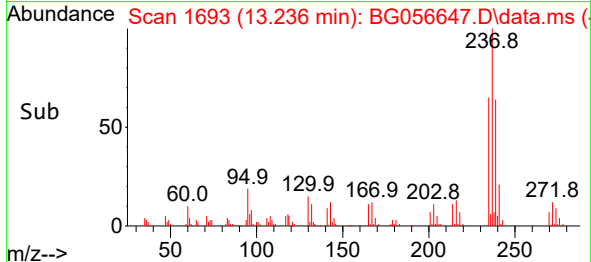
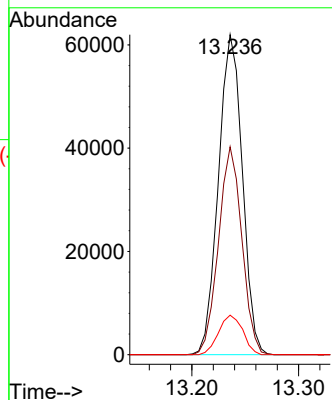
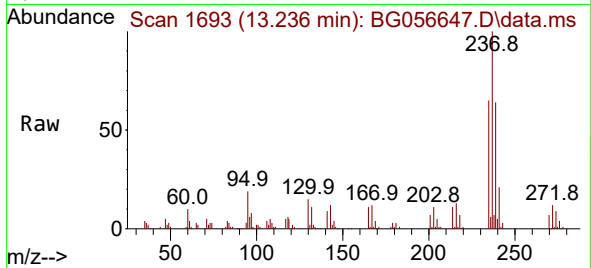




#41  
Hexachlorocyclopentadiene  
Concen: 109.822 ng  
RT: 13.236 min Scan# 1  
Delta R.T. -0.005 min  
Lab File: BG056647.D  
Acq: 16 Feb 2023 00:45

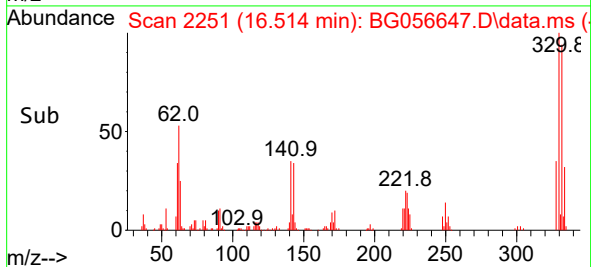
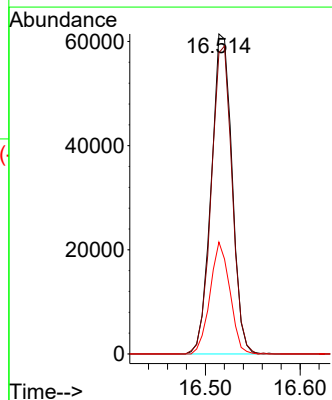
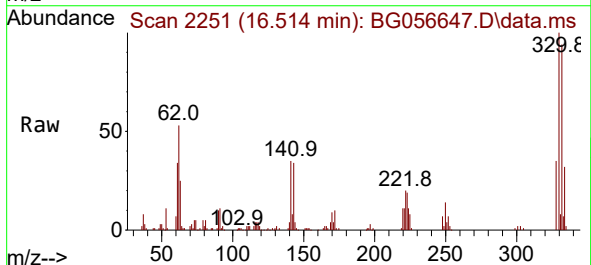
Instrument :  
BNA\_G  
ClientSampleId :  
PB150875BS

Tgt Ion:237 Resp: 96540  
Ion Ratio Lower Upper  
237 100  
235 64.9 41.6 81.6  
272 12.4 0.0 32.6

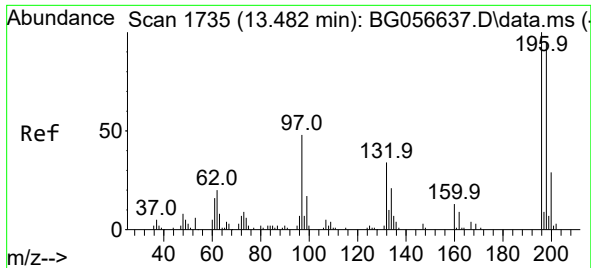


#42  
2,4,6-Tribromophenol  
Concen: 156.530 ng  
RT: 16.514 min Scan# 2251  
Delta R.T. -0.005 min  
Lab File: BG056647.D  
Acq: 16 Feb 2023 00:45

Tgt Ion:330 Resp: 93434  
Ion Ratio Lower Upper  
330 100  
332 96.3 75.7 113.5  
141 33.3 24.6 37.0



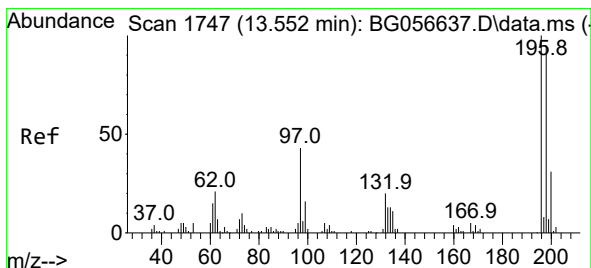
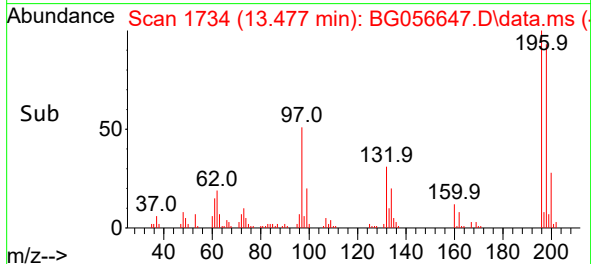
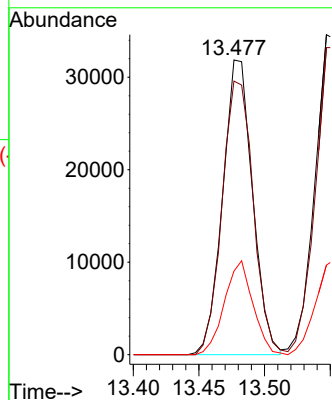
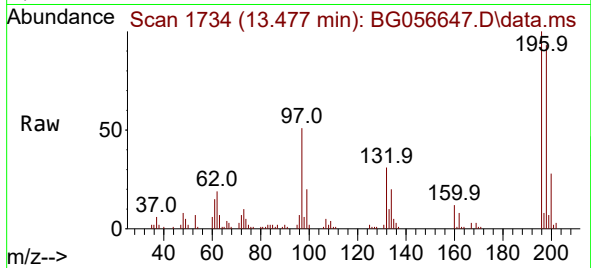




#43  
2,4,6-Trichlorophenol  
Concen: 51.403 ng  
RT: 13.477 min Scan# 1734  
Delta R.T. -0.005 min  
Lab File: BG056647.D  
Acq: 16 Feb 2023 00:45

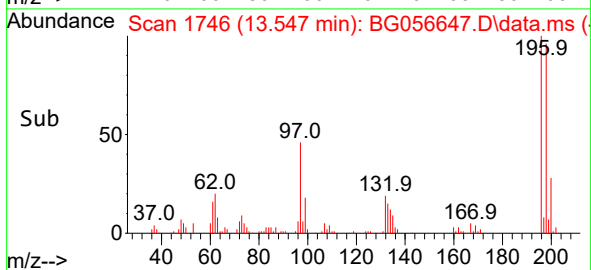
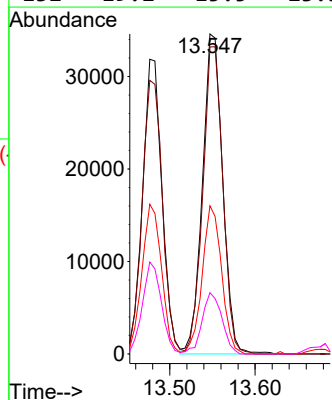
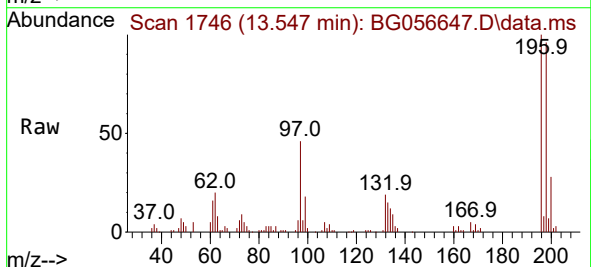
Instrument :  
BNA\_G  
ClientSampleId :  
PB150875BS

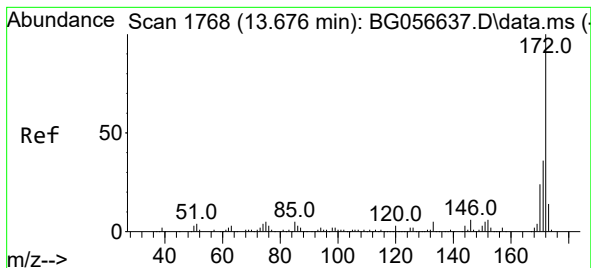
Tgt Ion:196 Resp: 50547  
Ion Ratio Lower Upper  
196 100  
198 92.8 76.2 114.2  
200 28.4 23.2 34.8



#44  
2,4,5-Trichlorophenol  
Concen: 48.441 ng  
RT: 13.547 min Scan# 1746  
Delta R.T. -0.005 min  
Lab File: BG056647.D  
Acq: 16 Feb 2023 00:45

Tgt Ion:196 Resp: 57090  
Ion Ratio Lower Upper  
196 100  
198 95.9 76.2 114.4  
97 46.3 34.9 52.3  
132 19.2 15.5 23.3





#45

2-Fluorobiphenyl

Concen: 87.879 ng

RT: 13.671 min Scan# 1

Delta R.T. -0.005 min

Lab File: BG056647.D

Acq: 16 Feb 2023 00:45

Instrument :

BNA\_G

ClientSampleId :

PB150875BS

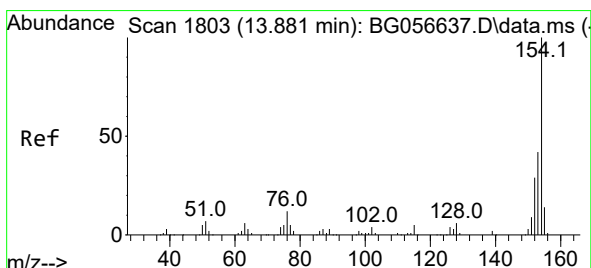
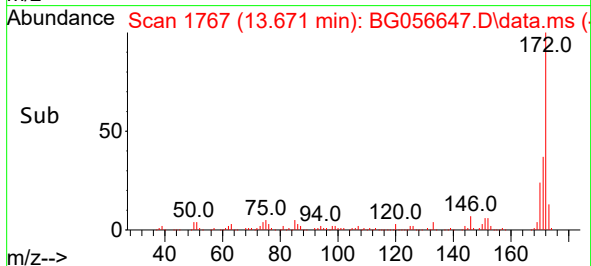
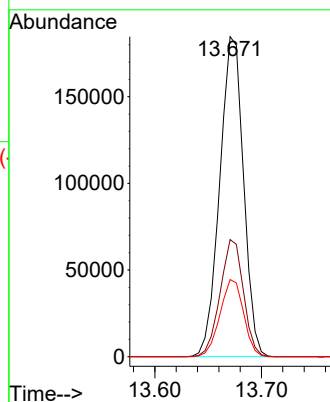
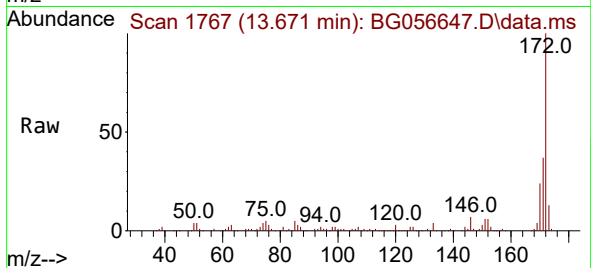
Tgt Ion:172 Resp: 286122

Ion Ratio Lower Upper

172 100

171 36.6 28.6 43.0

170 24.1 19.4 29.0



#46

1,1'-Biphenyl

Concen: 44.163 ng

RT: 13.882 min Scan# 1803

Delta R.T. 0.001 min

Lab File: BG056647.D

Acq: 16 Feb 2023 00:45

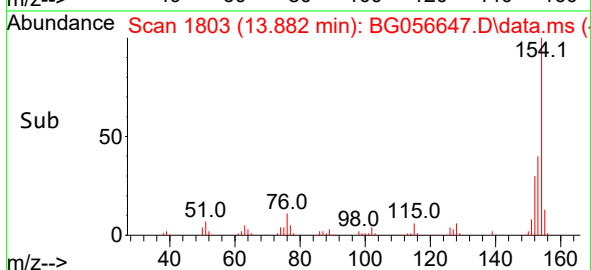
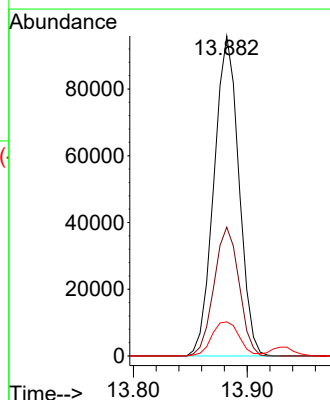
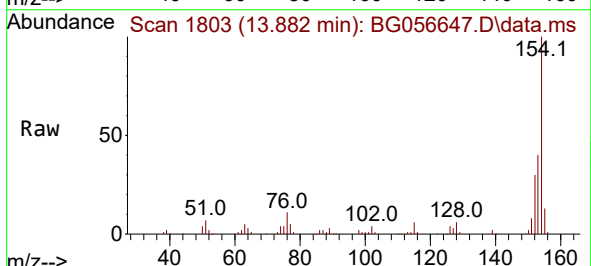
Tgt Ion:154 Resp: 145855

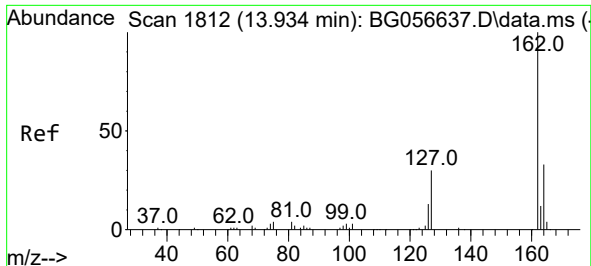
Ion Ratio Lower Upper

154 100

153 40.3 21.9 61.9

76 10.6 0.0 31.9





#47

2-Chloronaphthalene

Concen: 44.924 ng

RT: 13.929 min Scan# 1811

Delta R.T. -0.005 min

Lab File: BG056647.D

Acq: 16 Feb 2023 00:45

Instrument :

BNA\_G

ClientSampleId :

PB150875BS

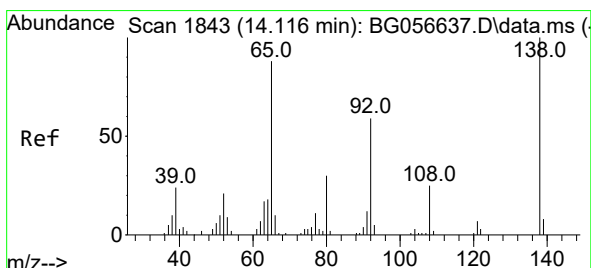
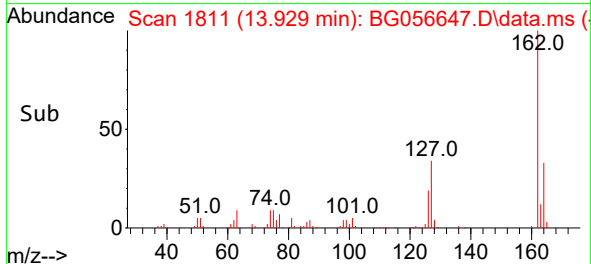
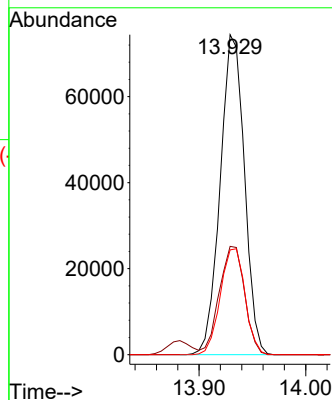
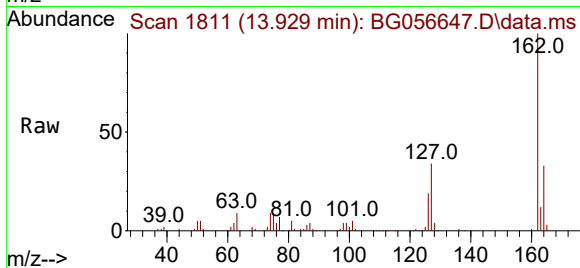
Tgt Ion:162 Resp: 117408

Ion Ratio Lower Upper

162 100

127 33.8 27.5 41.3

164 32.7 26.5 39.7



#48

2-Nitroaniline

Concen: 46.874 ng

RT: 14.117 min Scan# 1843

Delta R.T. 0.001 min

Lab File: BG056647.D

Acq: 16 Feb 2023 00:45

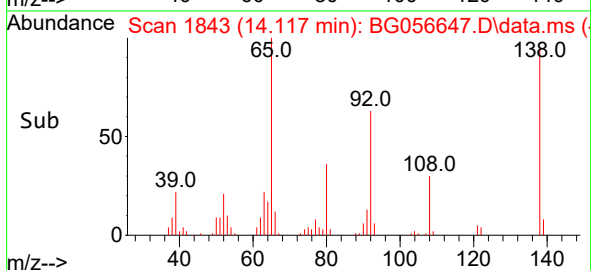
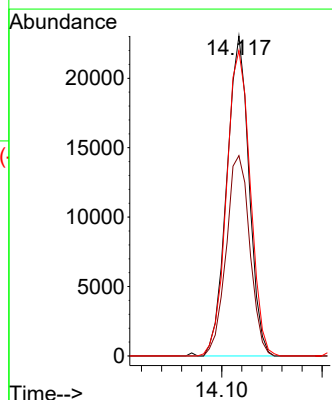
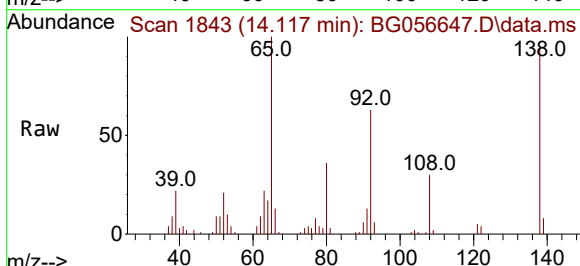
Tgt Ion: 65 Resp: 35581

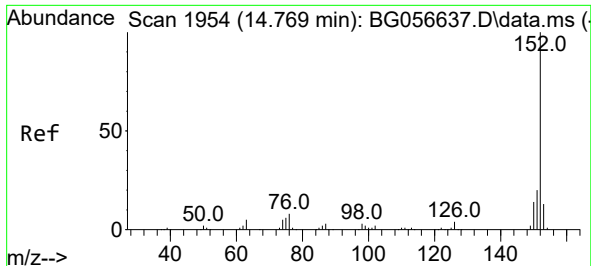
Ion Ratio Lower Upper

65 100

92 62.6 53.8 80.6

138 95.5 90.6 135.8

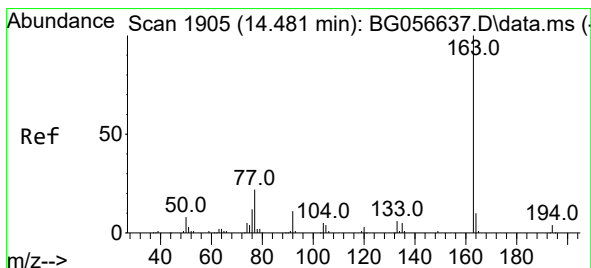
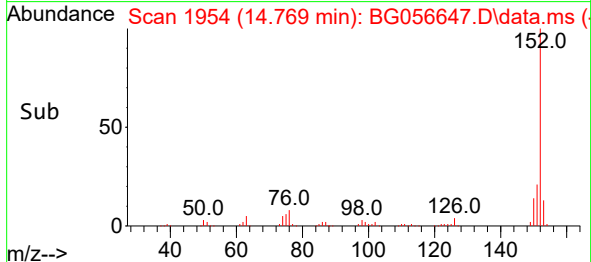
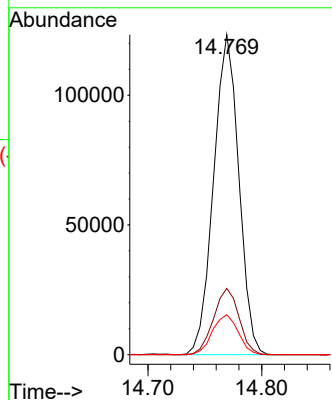
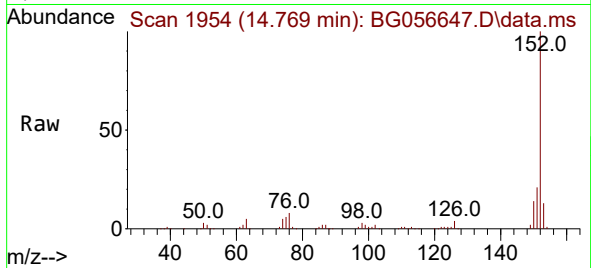




#49  
Acenaphthylene  
Concen: 44.646 ng  
RT: 14.769 min Scan# 1954  
Delta R.T. 0.001 min  
Lab File: BG056647.D  
Acq: 16 Feb 2023 00:45

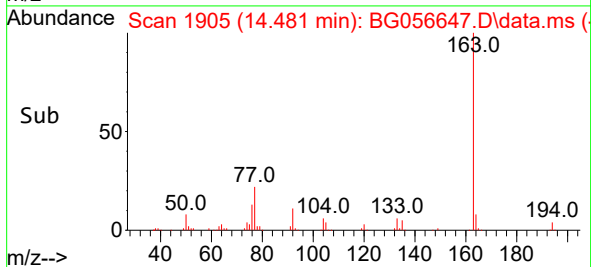
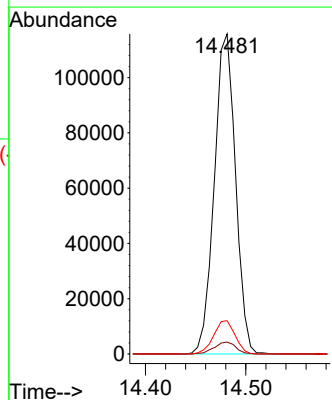
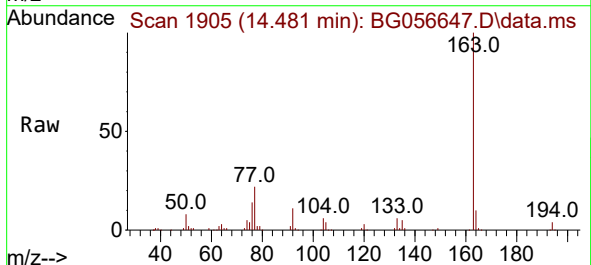
Instrument :  
BNA\_G  
ClientSampleId :  
PB150875BS

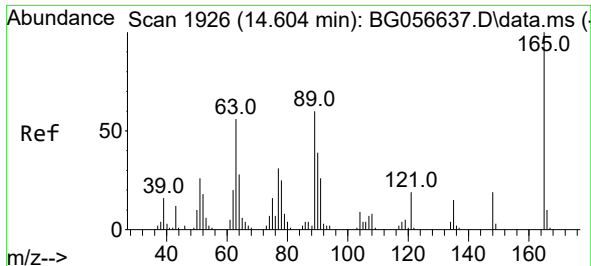
Tgt Ion:152 Resp: 189592  
Ion Ratio Lower Upper  
152 100  
151 20.7 15.6 23.4  
153 12.5 10.3 15.5



#50  
Dimethylphthalate  
Concen: 47.075 ng  
RT: 14.481 min Scan# 1905  
Delta R.T. 0.001 min  
Lab File: BG056647.D  
Acq: 16 Feb 2023 00:45

Tgt Ion:163 Resp: 169663  
Ion Ratio Lower Upper  
163 100  
194 3.7 3.2 4.8  
164 10.4 8.2 12.2

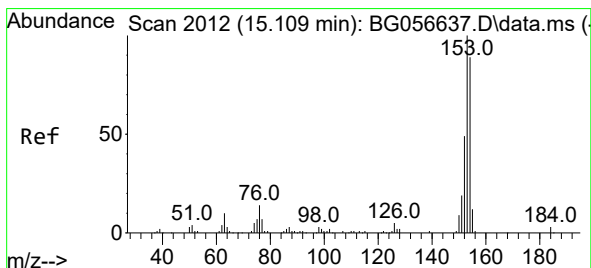
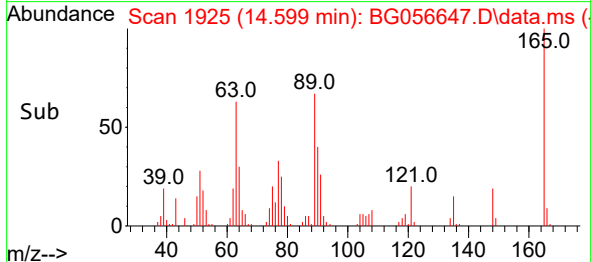
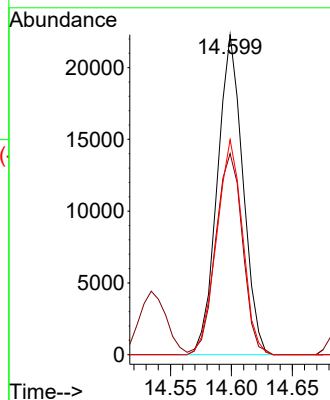
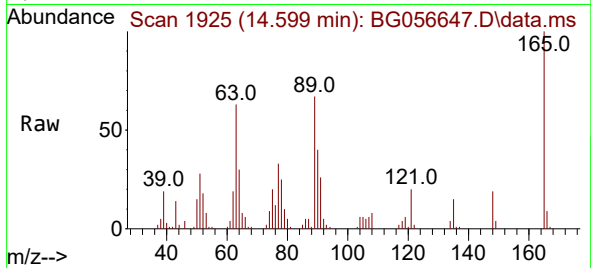




#51  
2,6-Dinitrotoluene  
Concen: 46.387 ng  
RT: 14.599 min Scan# 1925  
Delta R.T. -0.005 min  
Lab File: BG056647.D  
Acq: 16 Feb 2023 00:45

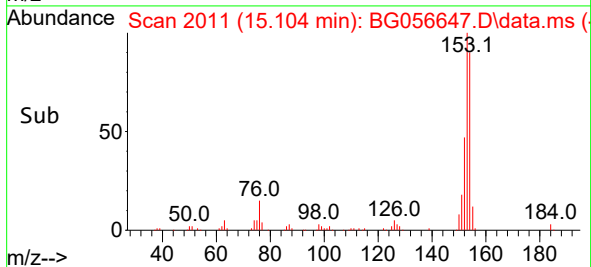
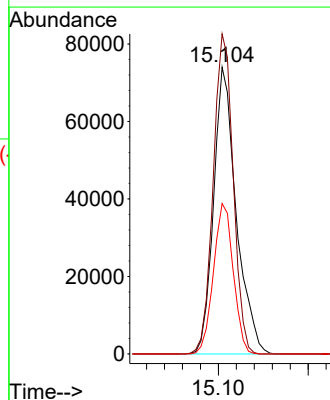
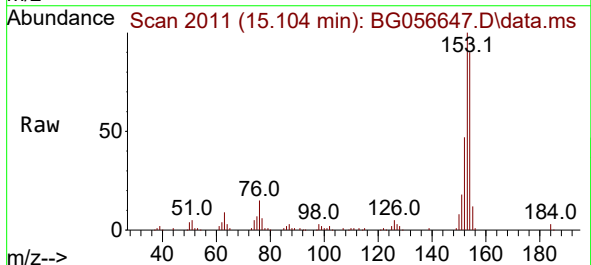
Instrument :  
BNA\_G  
ClientSampleId :  
PB150875BS

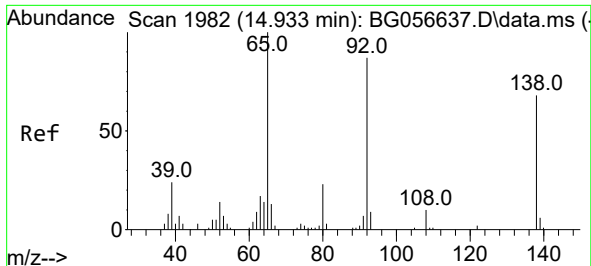
Tgt Ion:165 Resp: 32488  
Ion Ratio Lower Upper  
165 100  
63 62.8 45.8 68.8  
89 67.2 48.2 72.2



#52  
Acenaphthene  
Concen: 49.402 ng  
RT: 15.104 min Scan# 2011  
Delta R.T. -0.005 min  
Lab File: BG056647.D  
Acq: 16 Feb 2023 00:45

Tgt Ion:154 Resp: 129405  
Ion Ratio Lower Upper  
154 100  
153 111.6 89.5 134.3  
152 52.5 43.7 65.5

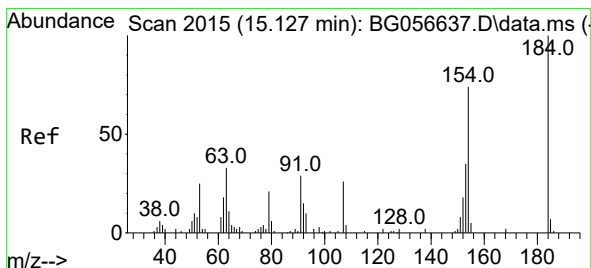
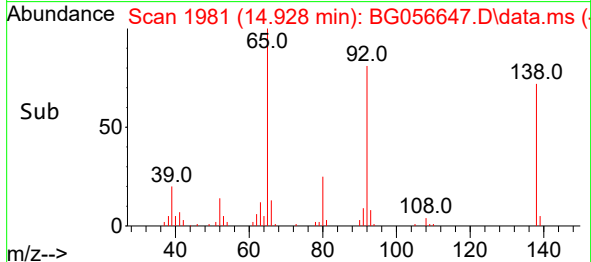
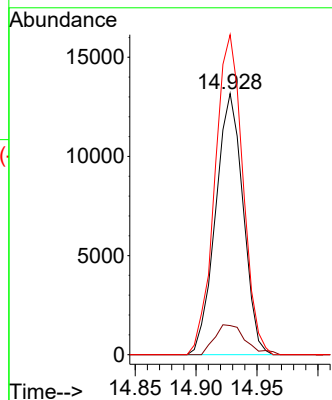
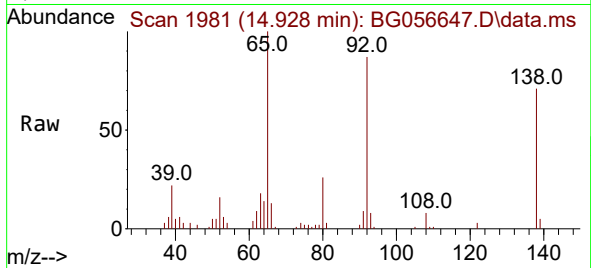




#53  
3-Nitroaniline  
Concen: 29.573 ng  
RT: 14.928 min Scan# 1982  
Delta R.T. -0.005 min  
Lab File: BG056647.D  
Acq: 16 Feb 2023 00:45

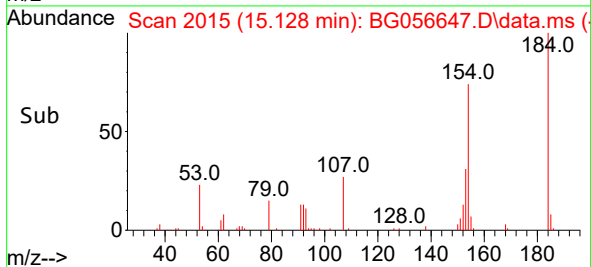
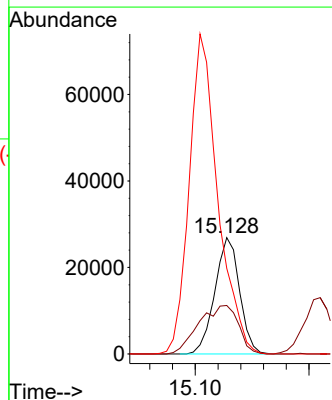
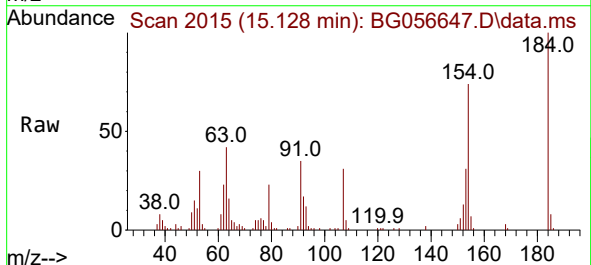
Instrument :  
BNA\_G  
ClientSampleId :  
PB150875BS

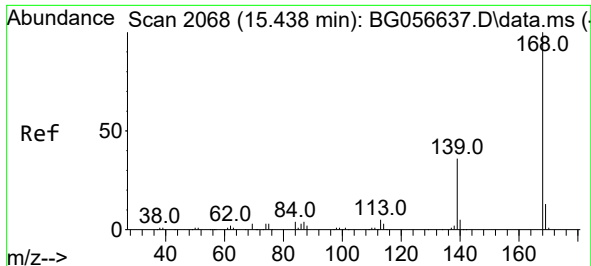
Tgt Ion:138 Resp: 20689  
Ion Ratio Lower Upper  
138 100  
108 11.1 11.4 17.2#  
92 122.5 103.1 154.7



#54  
2,4-Dinitrophenol  
Concen: 97.350 ng  
RT: 15.128 min Scan# 2015  
Delta R.T. 0.001 min  
Lab File: BG056647.D  
Acq: 16 Feb 2023 00:45

Tgt Ion:184 Resp: 40534  
Ion Ratio Lower Upper  
184 100  
63 41.6 31.0 46.6  
154 73.6 99.8 149.8#

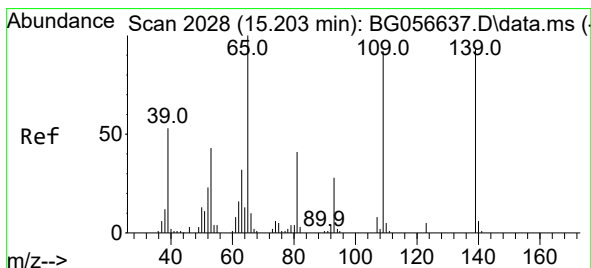
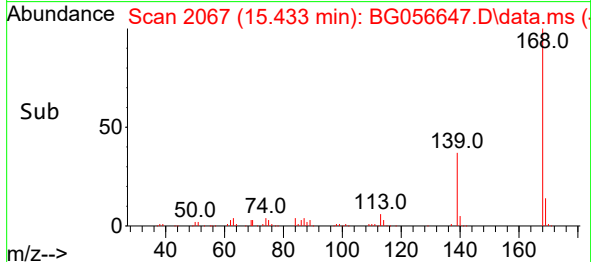
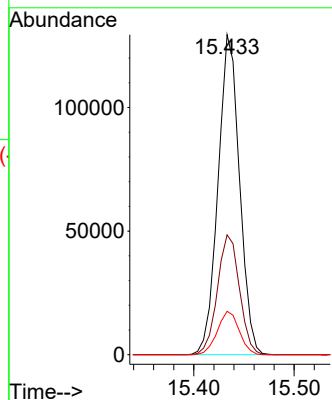
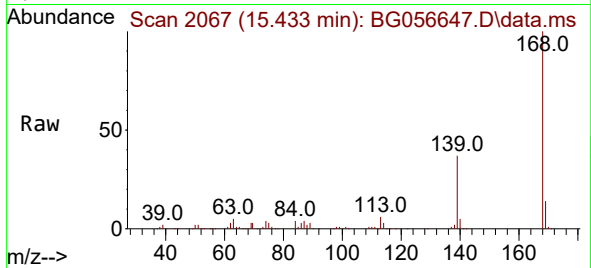




#55  
Dibenzofuran  
Concen: 43.445 ng  
RT: 15.433 min Scan# 2068  
Delta R.T. -0.005 min  
Lab File: BG056647.D  
Acq: 16 Feb 2023 00:45

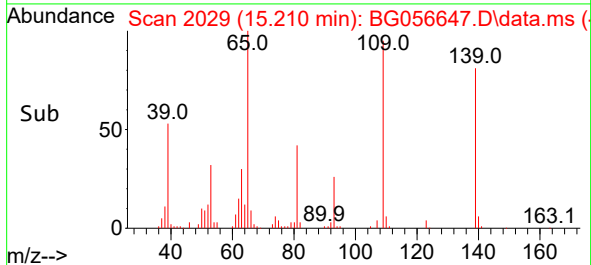
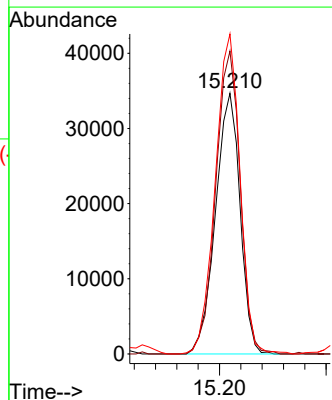
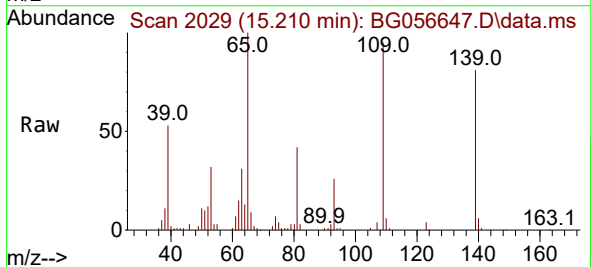
Instrument :  
BNA\_G  
ClientSampleId :  
PB150875BS

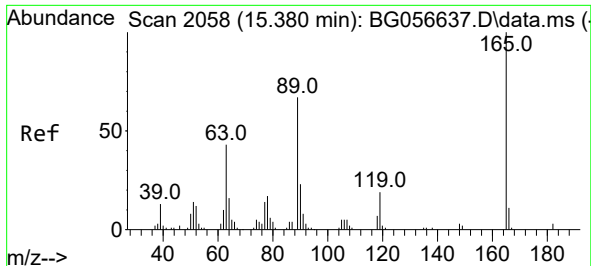
Tgt Ion:168 Resp: 192259  
Ion Ratio Lower Upper  
168 100  
139 37.4 29.0 43.6  
169 13.5 10.7 16.1



#56  
4-Nitrophenol  
Concen: 103.714 ng  
RT: 15.210 min Scan# 2029  
Delta R.T. 0.007 min  
Lab File: BG056647.D  
Acq: 16 Feb 2023 00:45

Tgt Ion:139 Resp: 55592  
Ion Ratio Lower Upper  
139 100  
109 116.2 79.3 119.3  
65 122.7 87.6 127.6

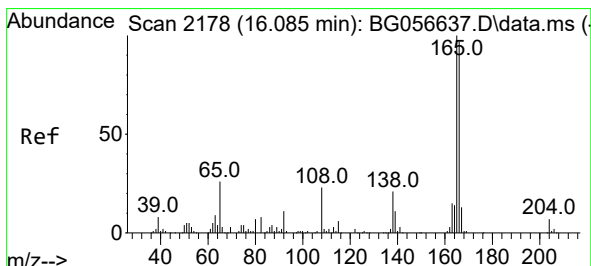
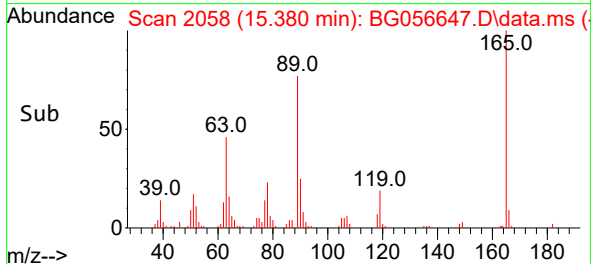
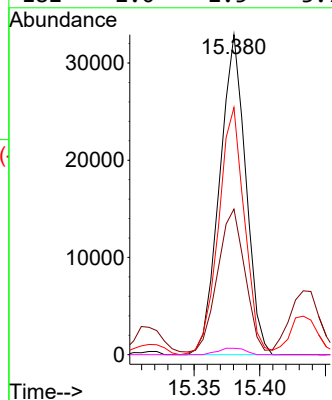
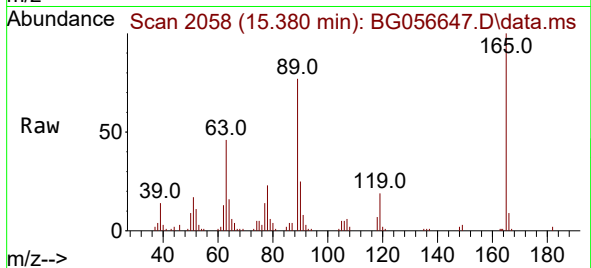




#57  
2,4-Dinitrotoluene  
Concen: 51.799 ng  
RT: 15.380 min Scan# 2058  
Delta R.T. 0.001 min  
Lab File: BG056647.D  
Acq: 16 Feb 2023 00:45

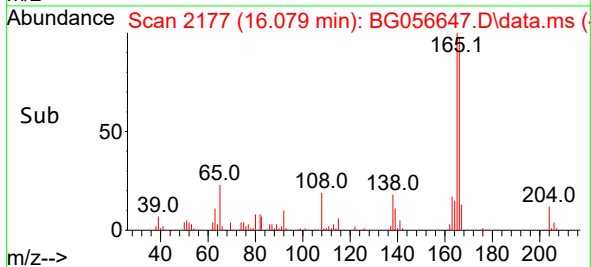
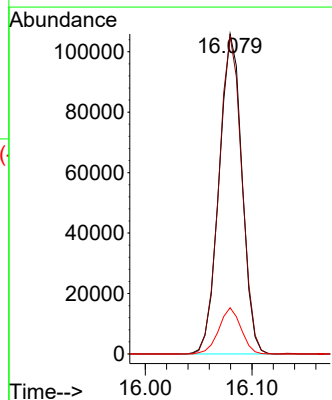
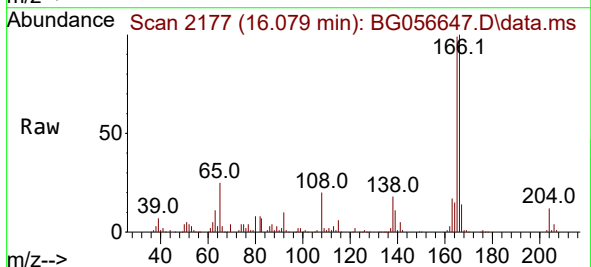
Instrument :  
BNA\_G  
ClientSampleId :  
PB150875BS

Tgt Ion:165 Resp: 45530  
Ion Ratio Lower Upper  
165 100  
63 45.5 34.6 52.0  
89 77.2 53.8 80.8  
182 2.0 2.5 3.7#

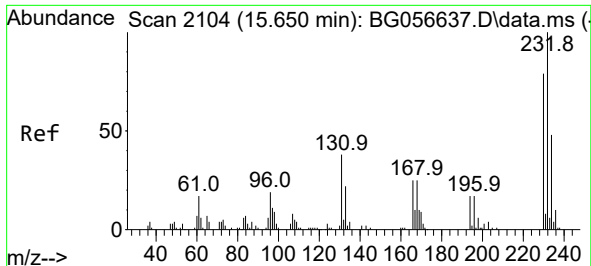


#58  
Fluorene  
Concen: 45.025 ng  
RT: 16.079 min Scan# 2177  
Delta R.T. -0.005 min  
Lab File: BG056647.D  
Acq: 16 Feb 2023 00:45

Tgt Ion:166 Resp: 157539  
Ion Ratio Lower Upper  
166 100  
165 99.4 82.9 124.3  
167 14.4 11.1 16.7



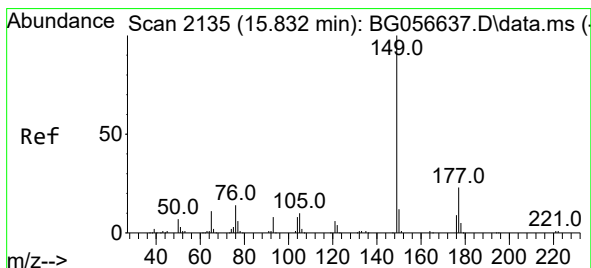
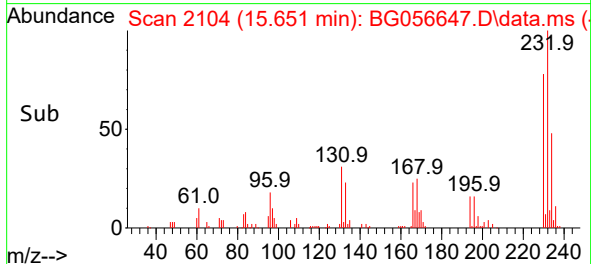
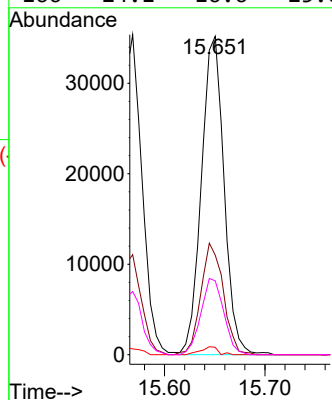
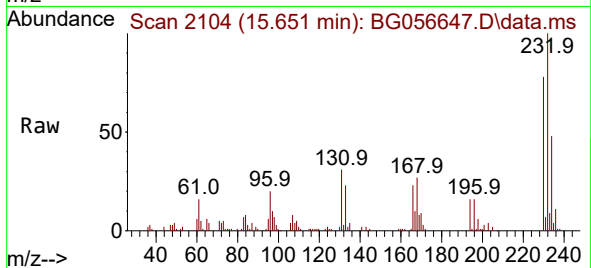




#59  
2,3,4,6-Tetrachlorophenol  
Concen: 53.465 ng  
RT: 15.651 min Scan# 2104  
Delta R.T. 0.001 min  
Lab File: BG056647.D  
Acq: 16 Feb 2023 00:45

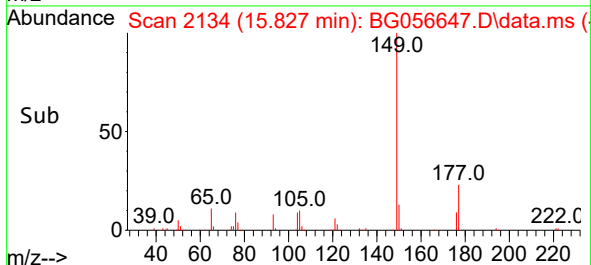
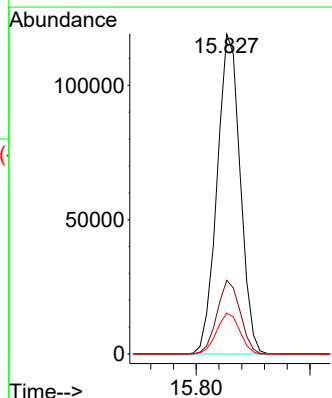
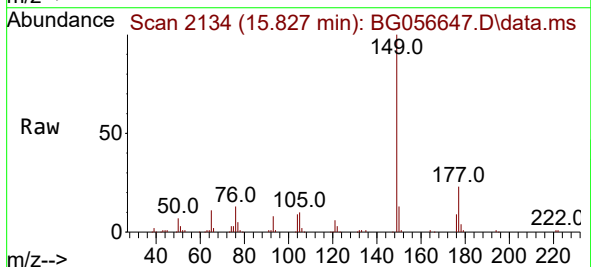
Instrument :  
BNA\_G  
ClientSampleId :  
PB150875BS

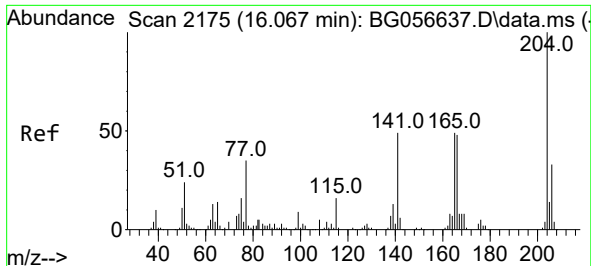
Tgt Ion:232 Resp: 55225  
Ion Ratio Lower Upper  
232 100  
131 34.8 24.7 37.1  
130 1.9 1.4 2.2  
166 24.1 16.6 25.0



#60  
Diethylphthalate  
Concen: 46.199 ng  
RT: 15.827 min Scan# 2134  
Delta R.T. -0.005 min  
Lab File: BG056647.D  
Acq: 16 Feb 2023 00:45

Tgt Ion:149 Resp: 167958  
Ion Ratio Lower Upper  
149 100  
177 23.0 18.7 28.1  
150 12.7 9.9 14.9

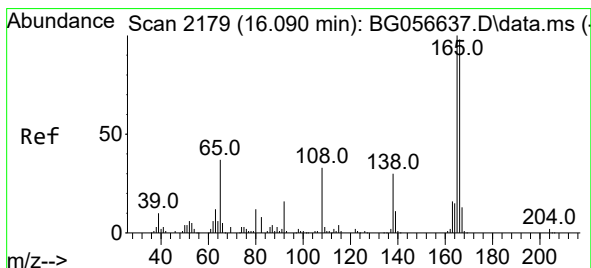
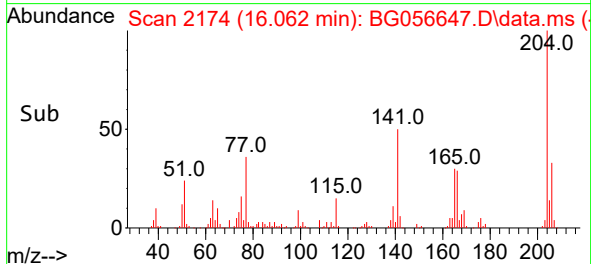
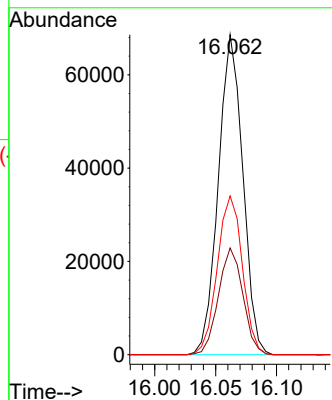
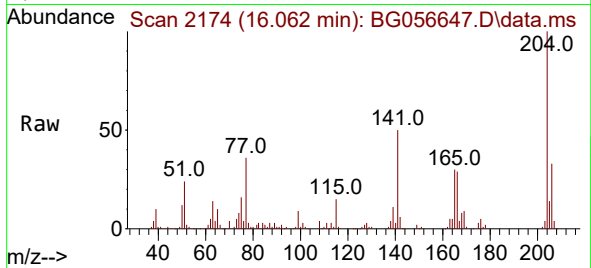




#61  
4-Chlorophenyl-phenylether  
Concen: 44.917 ng  
RT: 16.062 min Scan# 2175  
Delta R.T. -0.005 min  
Lab File: BG056647.D  
Acq: 16 Feb 2023 00:45

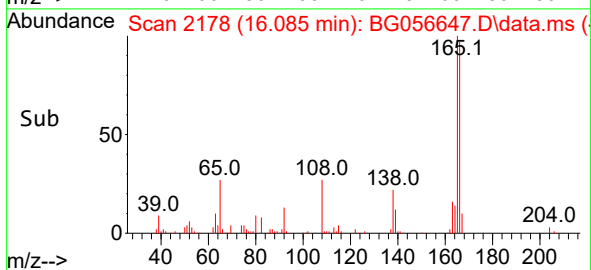
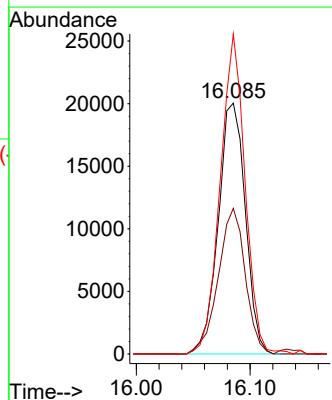
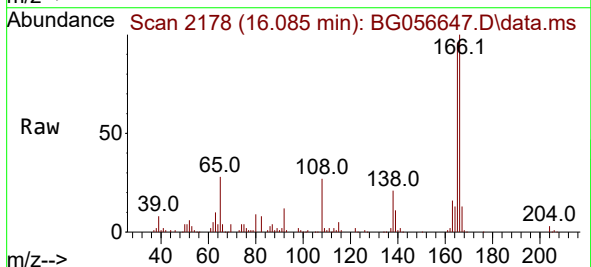
Instrument :  
BNA\_G  
ClientSampleId :  
PB150875BS

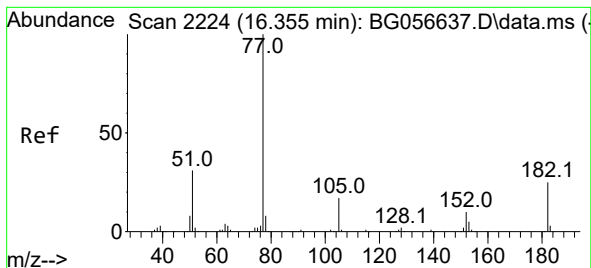
Tgt Ion:204 Resp: 96013  
Ion Ratio Lower Upper  
204 100  
206 33.3 26.6 39.8  
141 49.6 38.9 58.3



#62  
4-Nitroaniline  
Concen: 45.457 ng  
RT: 16.085 min Scan# 2178  
Delta R.T. -0.005 min  
Lab File: BG056647.D  
Acq: 16 Feb 2023 00:45

Tgt Ion:138 Resp: 33144  
Ion Ratio Lower Upper  
138 100  
92 58.1 31.5 71.5  
108 127.6 88.6 128.6





#63

Azobenzene

Concen: 44.759 ng

RT: 16.356 min Scan# 21

Delta R.T. 0.001 min

Lab File: BG056647.D

Acq: 16 Feb 2023 00:45

Instrument :

BNA\_G

ClientSampleId :

PB150875BS

Tgt Ion: 77 Resp: 162857

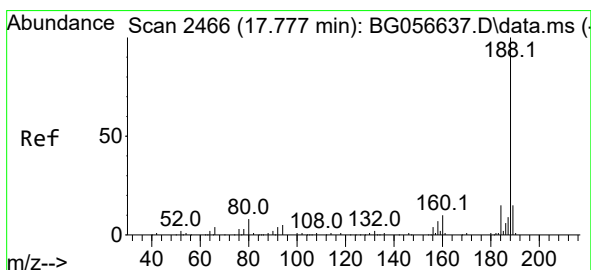
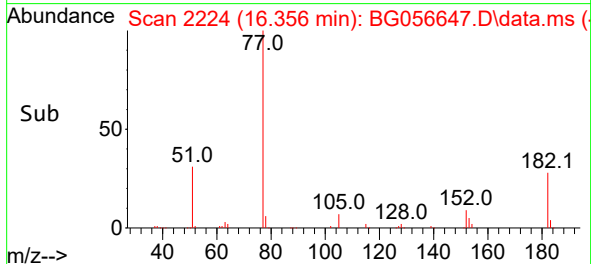
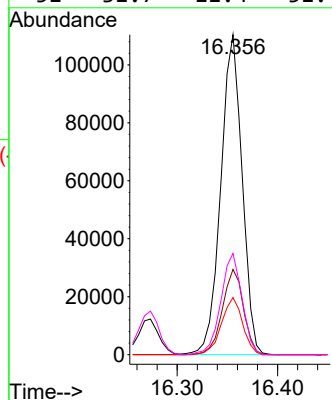
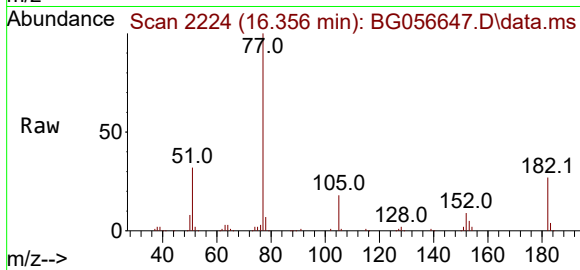
Ion Ratio Lower Upper

77 100

182 26.7 5.2 45.2

105 17.9 0.0 37.3

51 31.7 11.4 51.4



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.777 min Scan# 2466

Delta R.T. 0.001 min

Lab File: BG056647.D

Acq: 16 Feb 2023 00:45

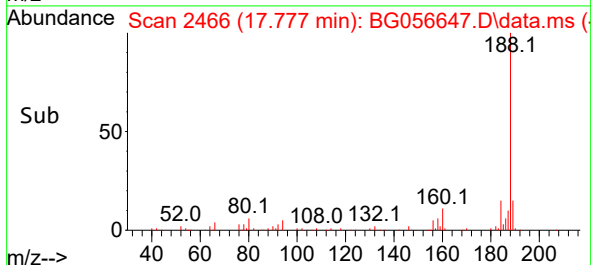
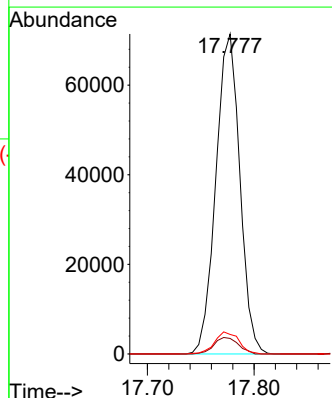
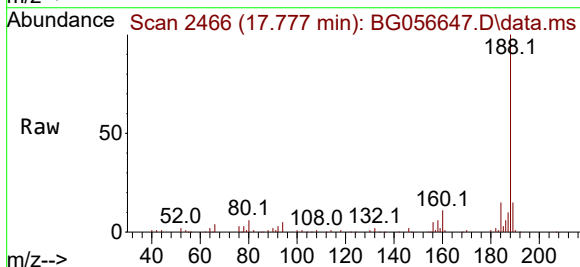
Tgt Ion:188 Resp: 111380

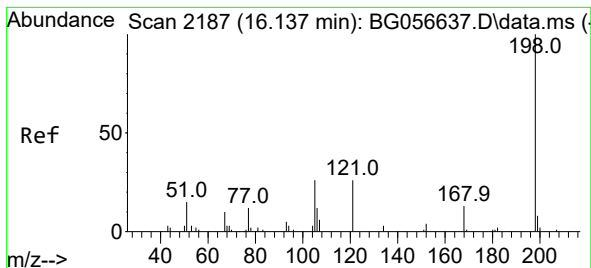
Ion Ratio Lower Upper

188 100

94 4.8 4.0 6.0

80 6.1 6.3 9.5#

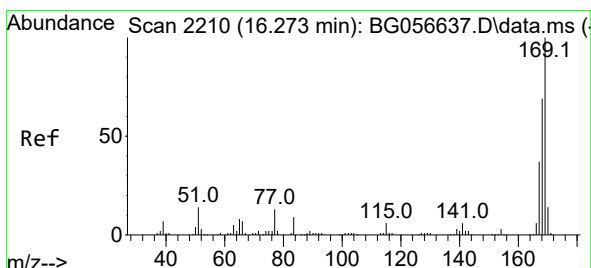
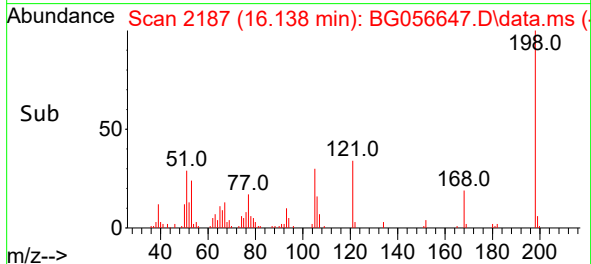
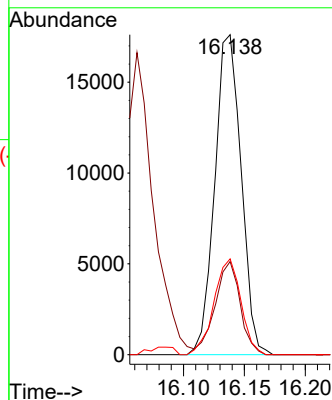
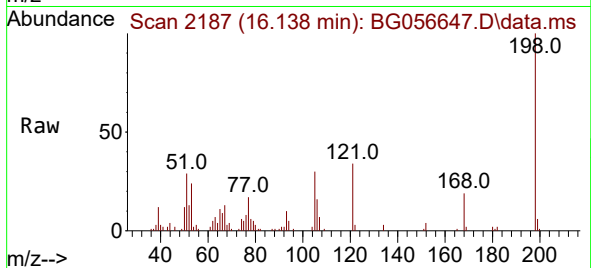




#65  
 4,6-Dinitro-2-methylphenol  
 Concen: 46.087 ng  
 RT: 16.138 min Scan# 2187  
 Delta R.T. 0.001 min  
 Lab File: BG056647.D  
 Acq: 16 Feb 2023 00:45

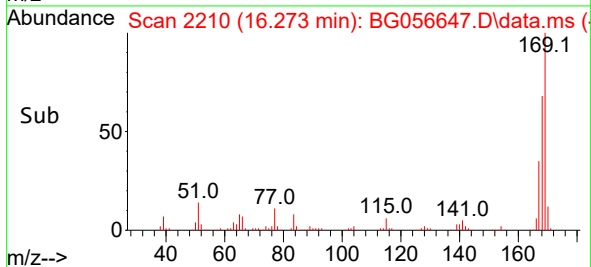
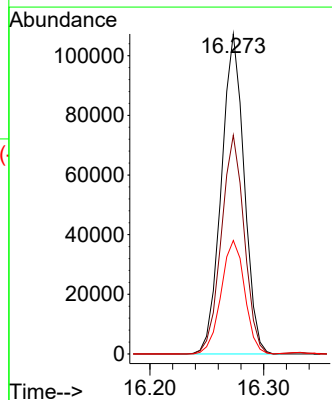
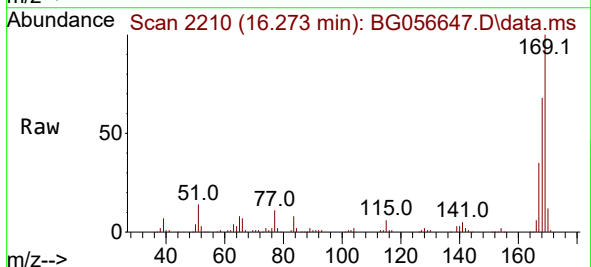
Instrument :  
 BNA\_G  
 ClientSampleId :  
 PB150875BS

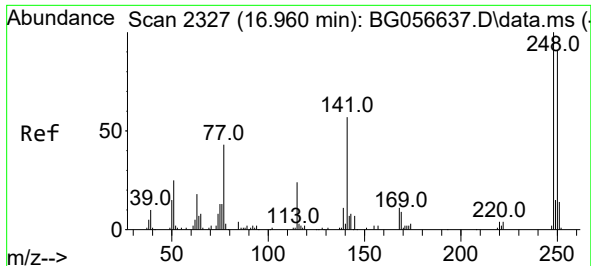
Tgt Ion:198 Resp: 26508  
 Ion Ratio Lower Upper  
 198 100  
 51 29.1 7.4 47.4  
 105 30.0 8.2 48.2



#66  
 n-Nitrosodiphenylamine  
 Concen: 46.109 ng  
 RT: 16.273 min Scan# 2210  
 Delta R.T. 0.001 min  
 Lab File: BG056647.D  
 Acq: 16 Feb 2023 00:45

Tgt Ion:169 Resp: 149402  
 Ion Ratio Lower Upper  
 169 100  
 168 68.3 55.5 83.3  
 167 35.4 29.5 44.3

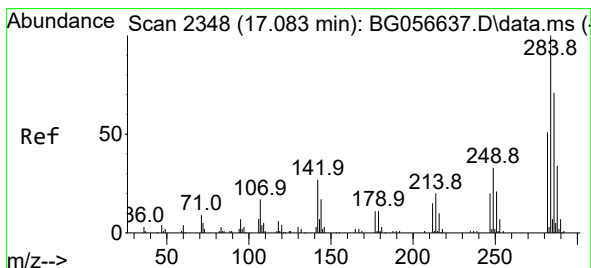
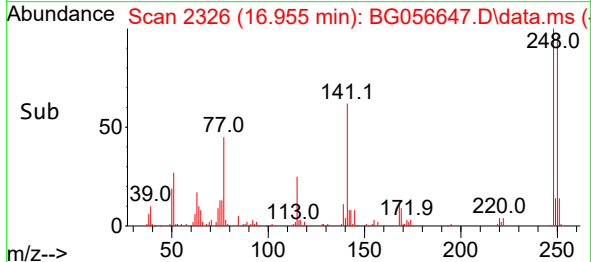
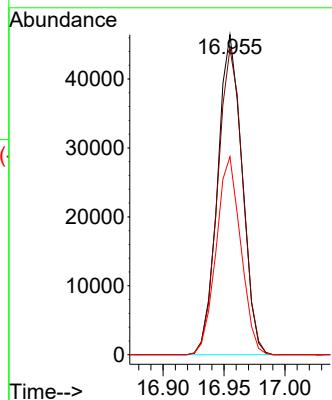
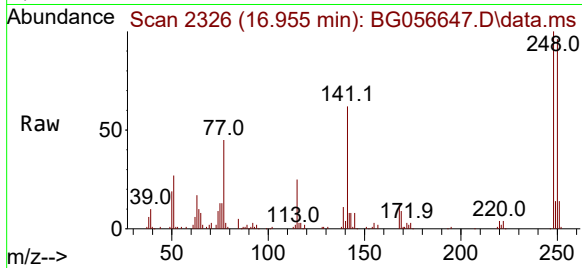




#67  
4-Bromophenyl-phenylether  
Concen: 45.498 ng  
RT: 16.955 min Scan# 21  
Delta R.T. -0.005 min  
Lab File: BG056647.D  
Acq: 16 Feb 2023 00:45

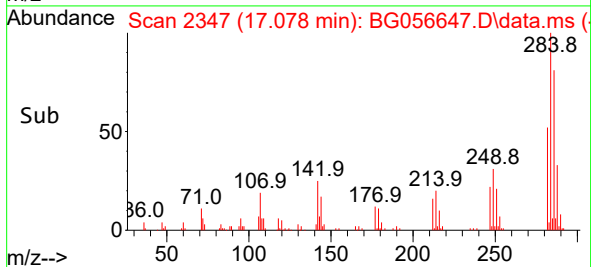
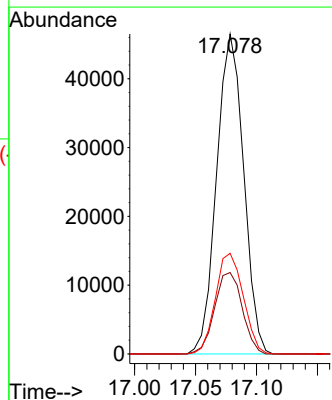
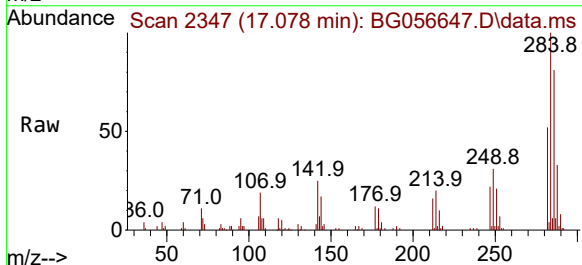
Instrument :  
BNA\_G  
ClientSampleId :  
PB150875BS

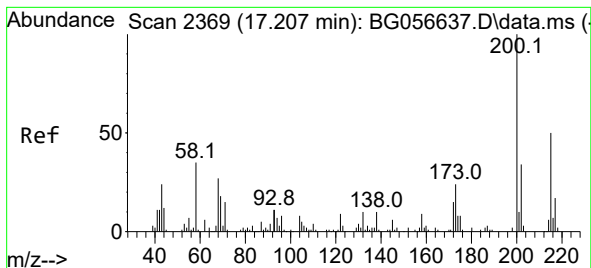
Tgt Ion:248 Resp: 65062  
Ion Ratio Lower Upper  
248 100  
250 95.7 73.0 109.6  
141 61.9 45.6 68.4



#68  
Hexachlorobenzene  
Concen: 49.221 ng  
RT: 17.078 min Scan# 2347  
Delta R.T. -0.005 min  
Lab File: BG056647.D  
Acq: 16 Feb 2023 00:45

Tgt Ion:284 Resp: 71711  
Ion Ratio Lower Upper  
284 100  
142 25.4 21.4 32.2  
249 31.4 26.1 39.1





#69

Atrazine

Concen: 50.500 ng

RT: 17.202 min Scan# 21

Delta R.T. -0.005 min

Lab File: BG056647.D

Acq: 16 Feb 2023 00:45

Instrument :

BNA\_G

ClientSampleId :

PB150875BS

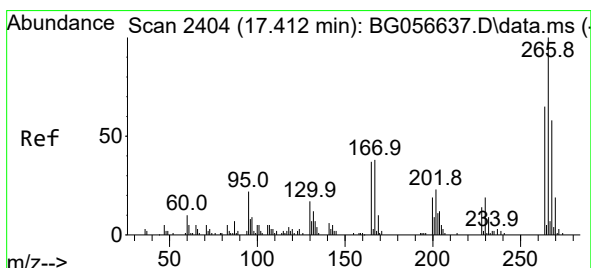
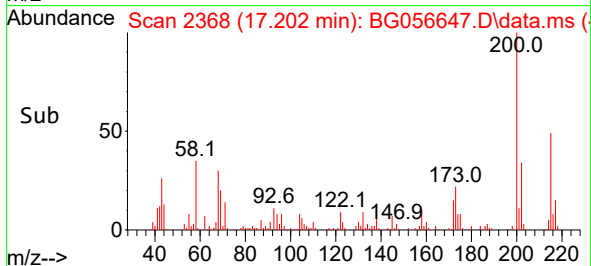
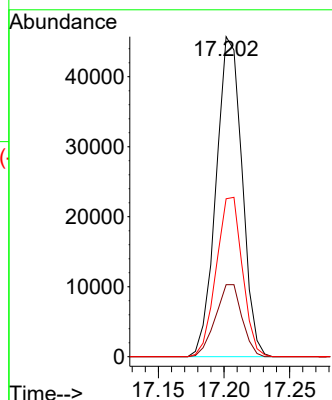
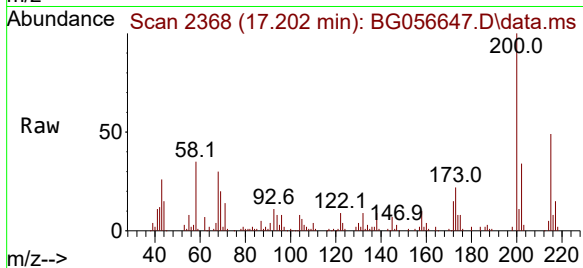
Tgt Ion:200 Resp: 62833

Ion Ratio Lower Upper

200 100

173 22.5 4.4 44.4

215 49.3 29.6 69.6



#70

Pentachlorophenol

Concen: 91.543 ng

RT: 17.413 min Scan# 2404

Delta R.T. 0.001 min

Lab File: BG056647.D

Acq: 16 Feb 2023 00:45

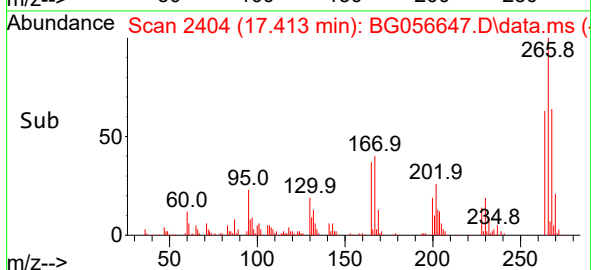
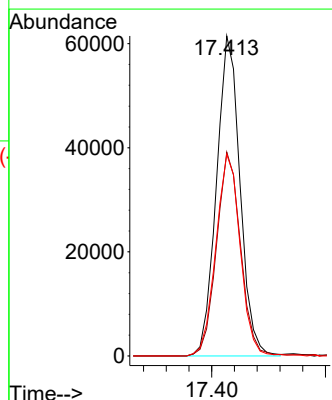
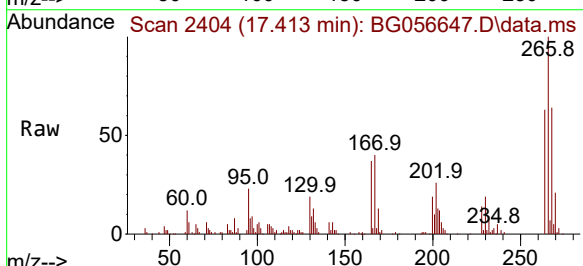
Tgt Ion:266 Resp: 88325

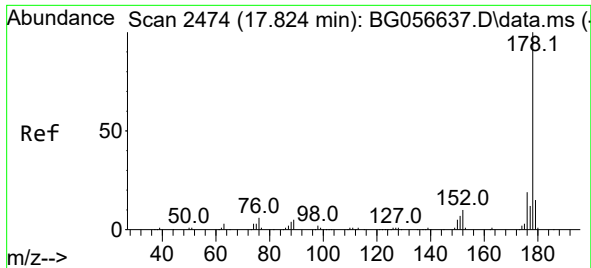
Ion Ratio Lower Upper

266 100

268 63.7 46.7 70.1

264 63.0 51.8 77.6

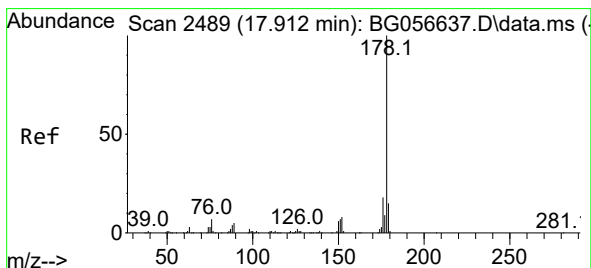
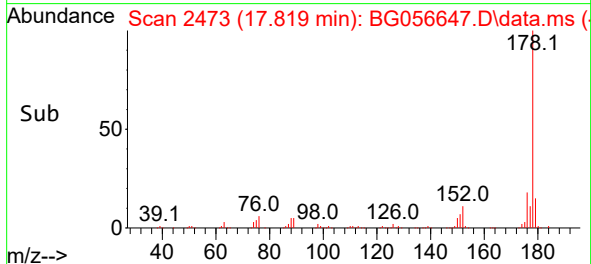
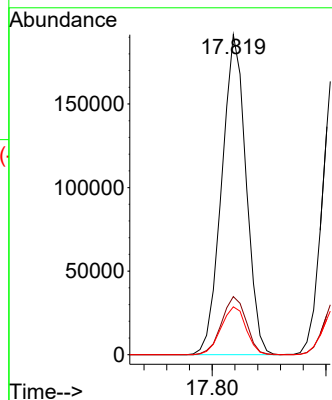
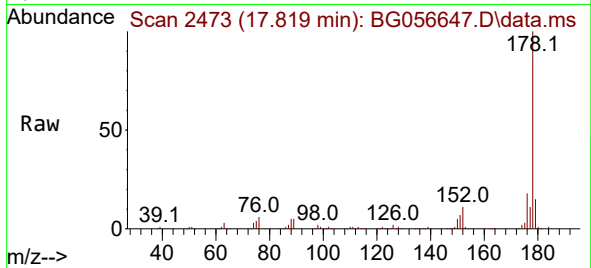




#71  
Phenanthrene  
Concen: 46.963 ng  
RT: 17.819 min Scan# 2473  
Delta R.T. -0.005 min  
Lab File: BG056647.D  
Acq: 16 Feb 2023 00:45

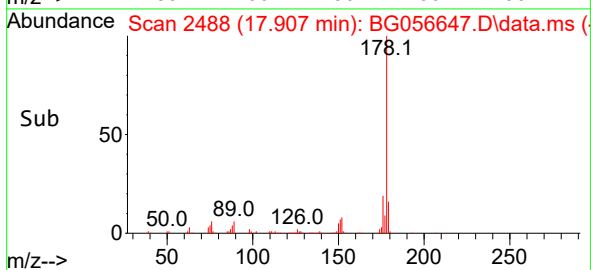
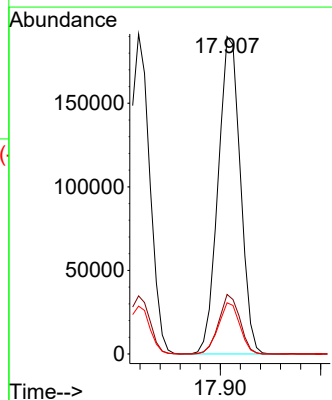
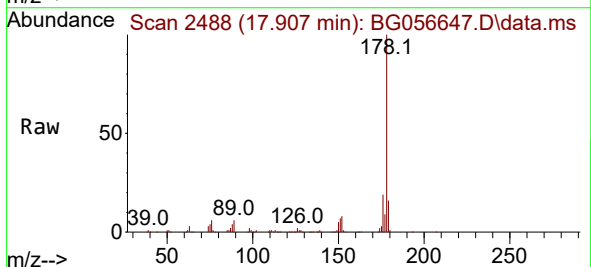
Instrument :  
BNA\_G  
ClientSampleId :  
PB150875BS

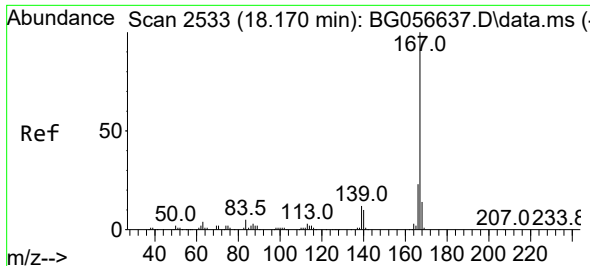
Tgt Ion:178 Resp: 284580  
Ion Ratio Lower Upper  
178 100  
176 18.1 15.4 23.2  
179 15.0 12.2 18.4



#72  
Anthracene  
Concen: 47.041 ng  
RT: 17.907 min Scan# 2488  
Delta R.T. -0.005 min  
Lab File: BG056647.D  
Acq: 16 Feb 2023 00:45

Tgt Ion:178 Resp: 291674  
Ion Ratio Lower Upper  
178 100  
176 18.8 14.3 21.5  
179 16.2 12.2 18.4

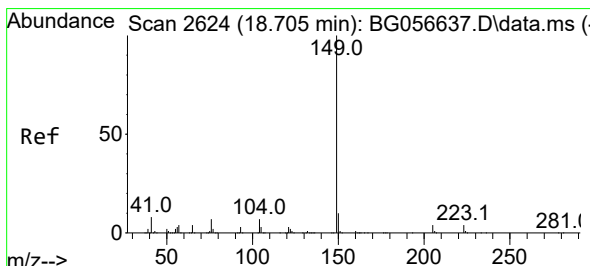
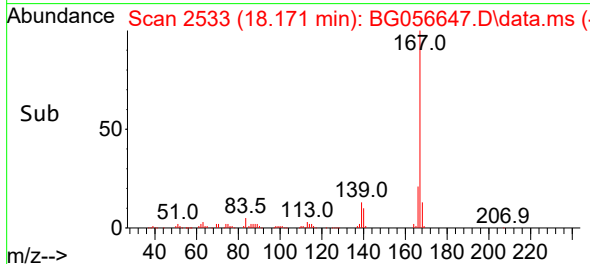
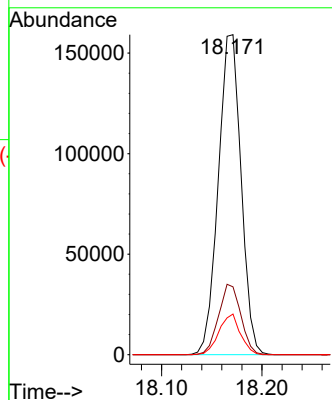
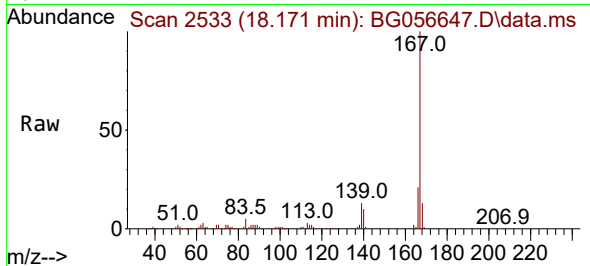




#73  
 Carbazole  
 Concen: 46.966 ng  
 RT: 18.171 min Scan# 2533  
 Delta R.T. 0.001 min  
 Lab File: BG056647.D  
 Acq: 16 Feb 2023 00:45

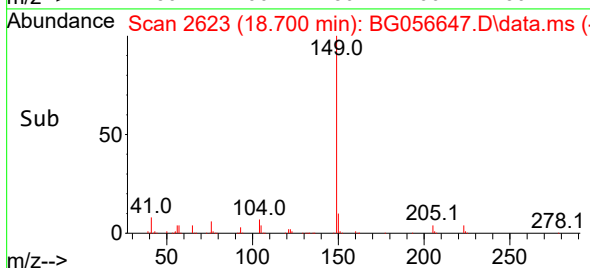
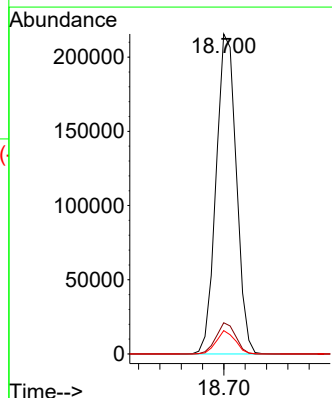
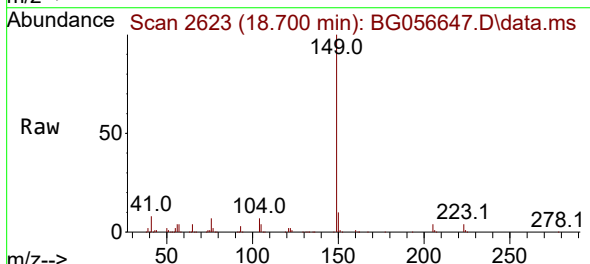
Instrument :  
 BNA\_G  
 ClientSampleId :  
 PB150875BS

Tgt Ion:167 Resp: 251035  
 Ion Ratio Lower Upper  
 167 100  
 166 21.2 18.1 27.1  
 139 12.7 9.4 14.0

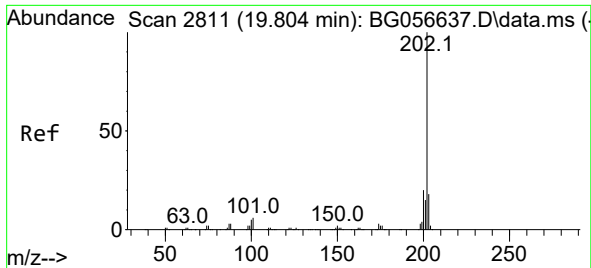


#74  
 Di-n-butylphthalate  
 Concen: 47.389 ng  
 RT: 18.700 min Scan# 2623  
 Delta R.T. -0.005 min  
 Lab File: BG056647.D  
 Acq: 16 Feb 2023 00:45

Tgt Ion:149 Resp: 283463  
 Ion Ratio Lower Upper  
 149 100  
 150 9.8 7.7 11.5  
 104 7.3 5.4 8.0



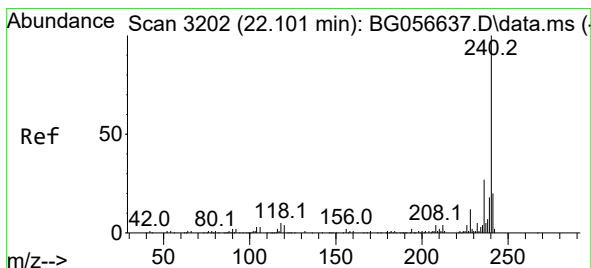
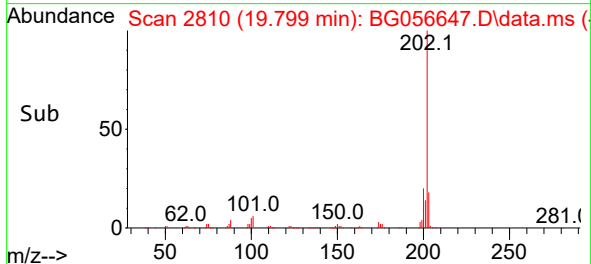
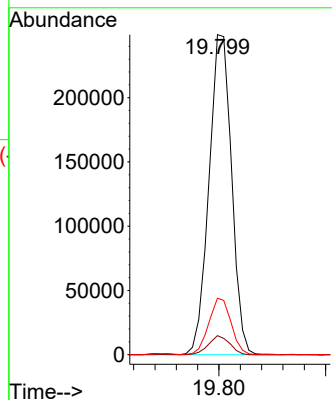
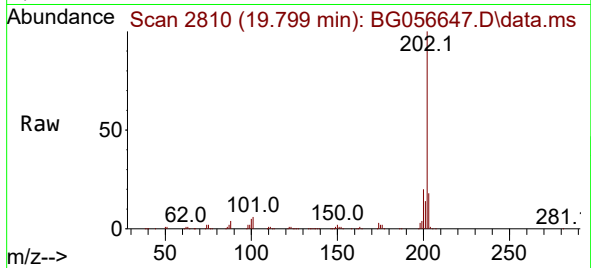




#75  
Fluoranthene  
Concen: 45.831 ng  
RT: 19.799 min Scan# 2810  
Delta R.T. -0.005 min  
Lab File: BG056647.D  
Acq: 16 Feb 2023 00:45

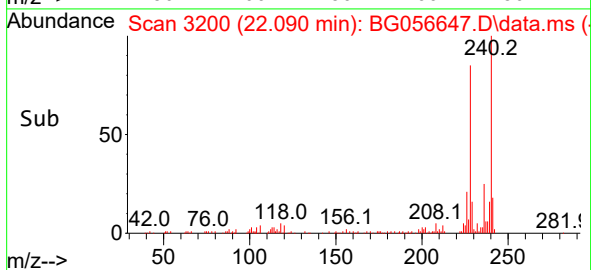
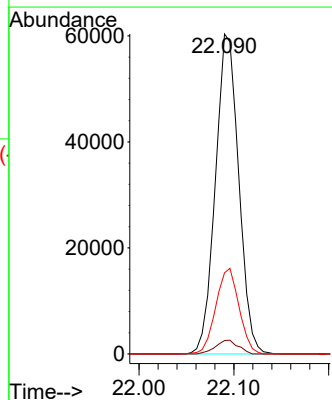
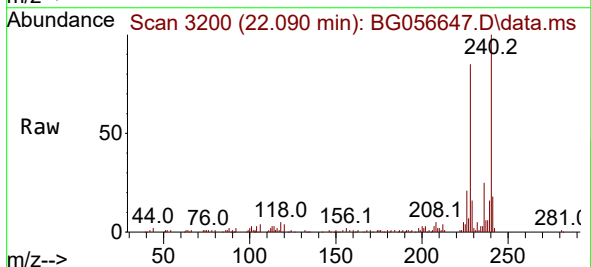
Instrument :  
BNA\_G  
ClientSampleId :  
PB150875BS

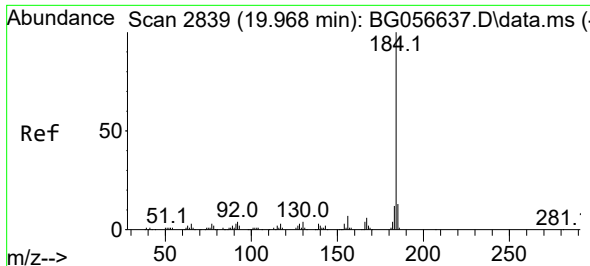
Tgt Ion:202 Resp: 366446  
Ion Ratio Lower Upper  
202 100  
101 5.9 0.0 25.8  
203 17.7 0.0 37.6



#76  
Chrysene-d12  
Concen: 20.000 ng  
RT: 22.090 min Scan# 3200  
Delta R.T. -0.011 min  
Lab File: BG056647.D  
Acq: 16 Feb 2023 00:45

Tgt Ion:240 Resp: 103230  
Ion Ratio Lower Upper  
240 100  
120 4.2 3.5 5.3  
236 25.4 21.5 32.3

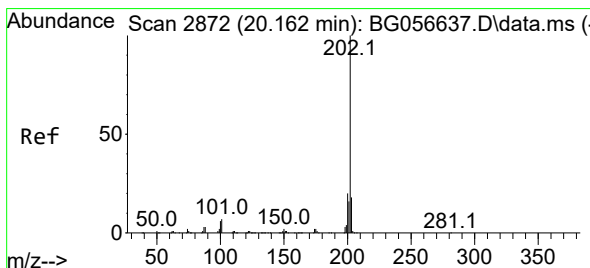
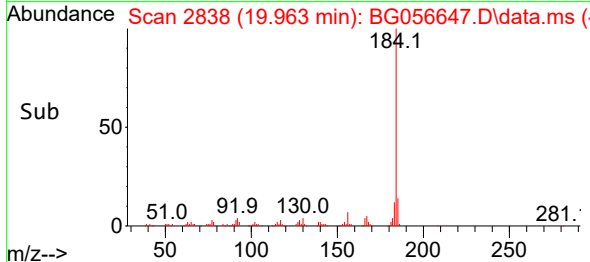
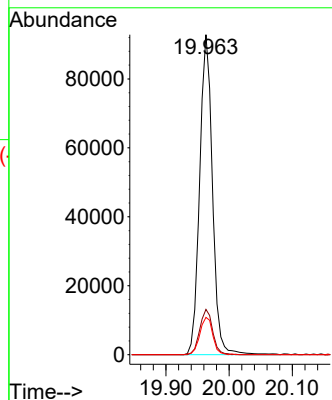
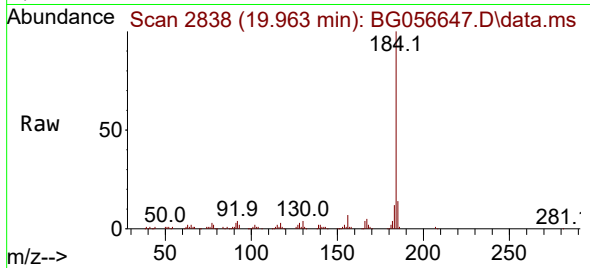




#77  
Benzidine  
Concen: 52.799 ng  
RT: 19.963 min Scan# 2838  
Delta R.T. -0.005 min  
Lab File: BG056647.D  
Acq: 16 Feb 2023 00:45

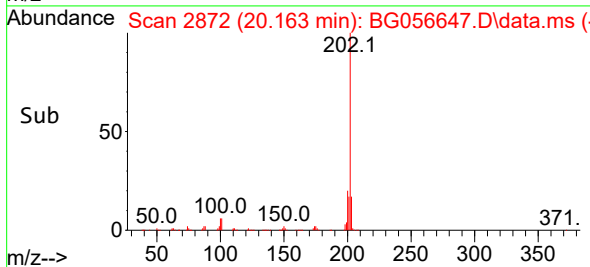
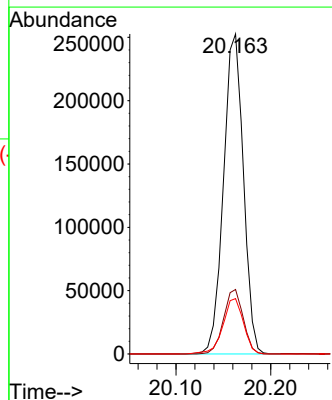
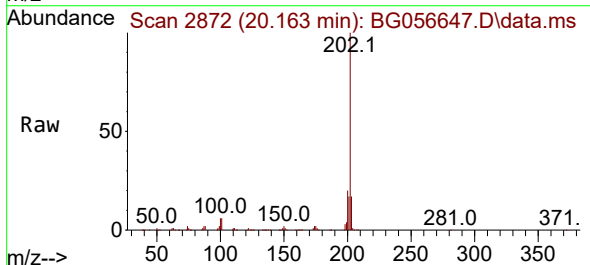
Instrument :  
BNA\_G  
ClientSampleId :  
PB150875BS

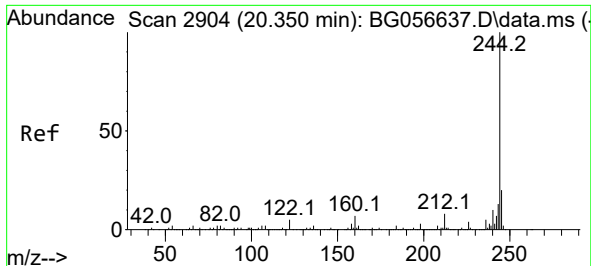
Tgt Ion:184 Resp: 130362  
Ion Ratio Lower Upper  
184 100  
185 14.2 10.6 15.8  
183 11.7 9.4 14.0



#78  
Pyrene  
Concen: 47.286 ng  
RT: 20.163 min Scan# 2872  
Delta R.T. 0.001 min  
Lab File: BG056647.D  
Acq: 16 Feb 2023 00:45

Tgt Ion:202 Resp: 368648  
Ion Ratio Lower Upper  
202 100  
200 20.1 15.8 23.8  
203 17.3 14.2 21.4

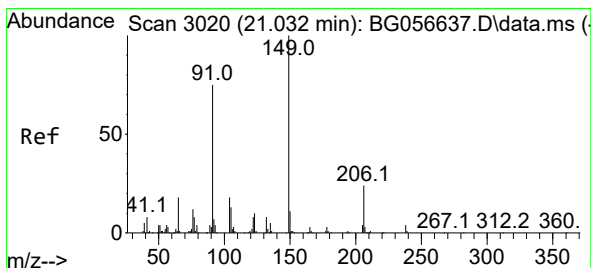
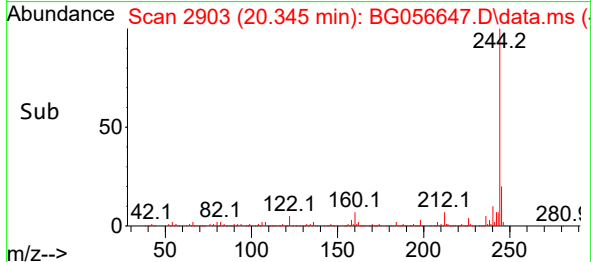
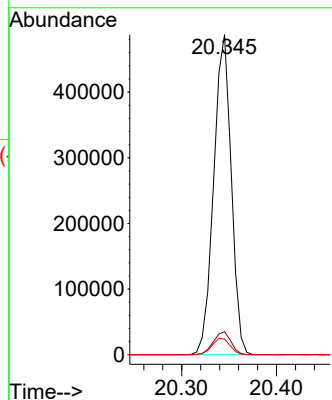
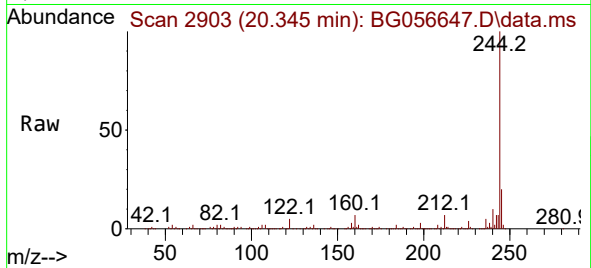




#79  
 Terphenyl-d14  
 Concen: 99.355 ng  
 RT: 20.345 min Scan# 2904  
 Delta R.T. -0.005 min  
 Lab File: BG056647.D  
 Acq: 16 Feb 2023 00:45

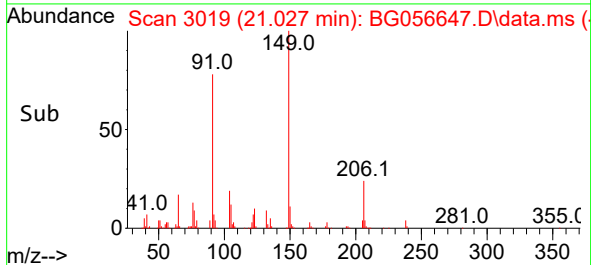
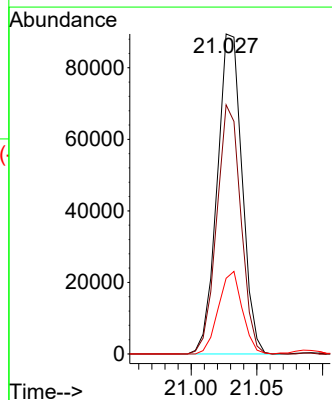
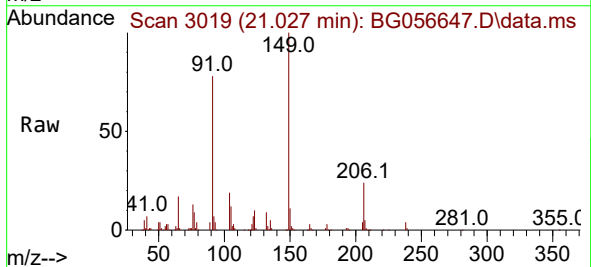
Instrument :  
 BNA\_G  
 ClientSampleId :  
 PB150875BS

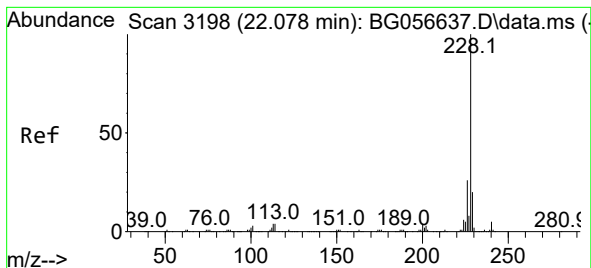
Tgt Ion:244 Resp: 626878  
 Ion Ratio Lower Upper  
 244 100  
 212 7.2 6.0 9.0  
 122 4.9 3.8 5.8



#80  
 Butylbenzylphthalate  
 Concen: 50.207 ng  
 RT: 21.027 min Scan# 3019  
 Delta R.T. -0.005 min  
 Lab File: BG056647.D  
 Acq: 16 Feb 2023 00:45

Tgt Ion:149 Resp: 117541  
 Ion Ratio Lower Upper  
 149 100  
 91 77.8 60.3 90.5  
 206 23.6 19.0 28.6





#81

Benzo(a)anthracene

Concen: 47.236 ng

RT: 22.072 min Scan# 31

Delta R.T. -0.005 min

Lab File: BG056647.D

Acq: 16 Feb 2023 00:45

Instrument :

BNA\_G

ClientSampleId :

PB150875BS

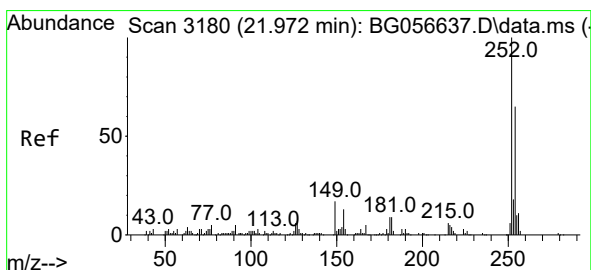
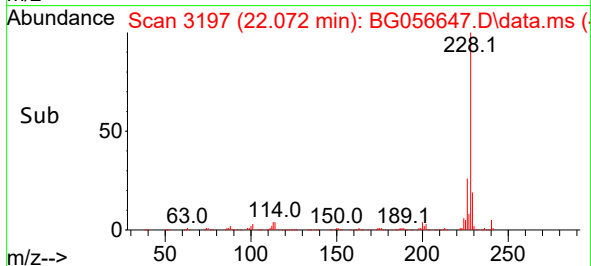
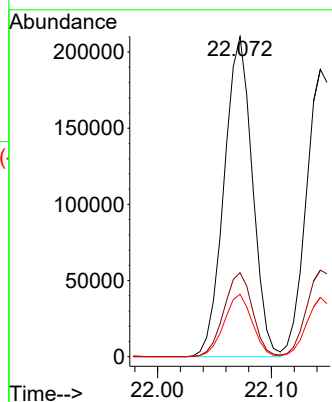
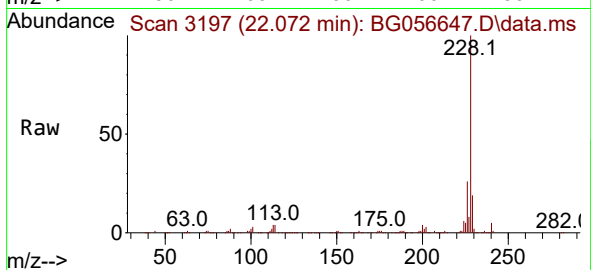
Tgt Ion:228 Resp: 362629

Ion Ratio Lower Upper

228 100

226 26.2 20.4 30.6

229 19.5 16.0 24.0



#82

3,3'-Dichlorobenzidine

Concen: 30.051 ng

RT: 21.967 min Scan# 3179

Delta R.T. -0.005 min

Lab File: BG056647.D

Acq: 16 Feb 2023 00:45

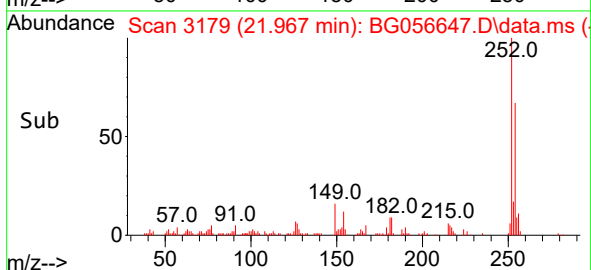
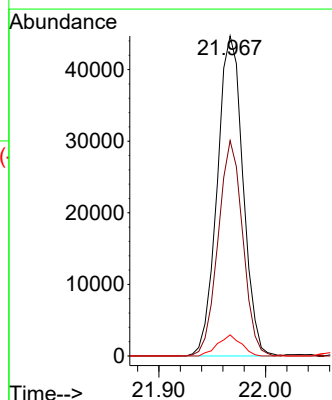
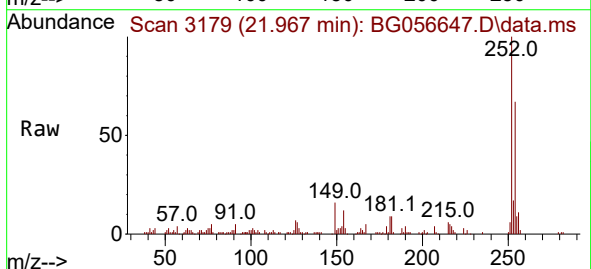
Tgt Ion:252 Resp: 74849

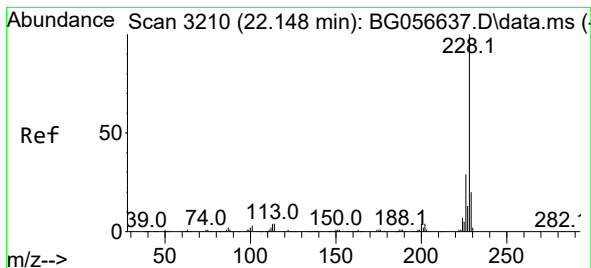
Ion Ratio Lower Upper

252 100

254 67.3 52.2 78.2

126 6.6 4.9 7.3





#83

Chrysene

Concen: 46.767 ng

RT: 22.143 min Scan# 31

Delta R.T. -0.005 min

Lab File: BG056647.D

Acq: 16 Feb 2023 00:45

Instrument :

BNA\_G

ClientSampleId :

PB150875BS

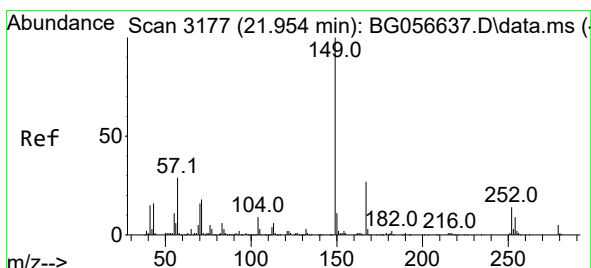
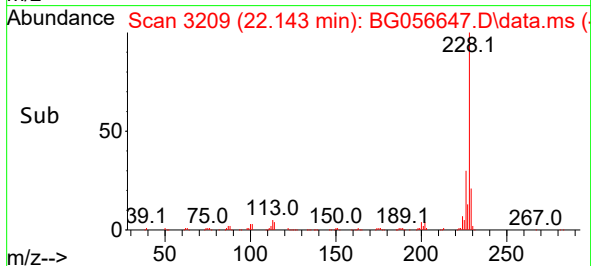
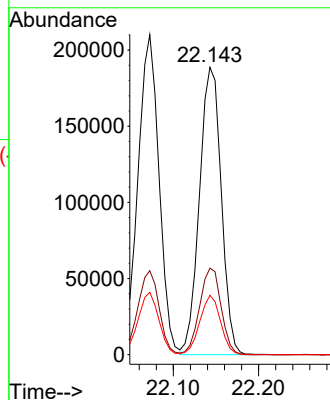
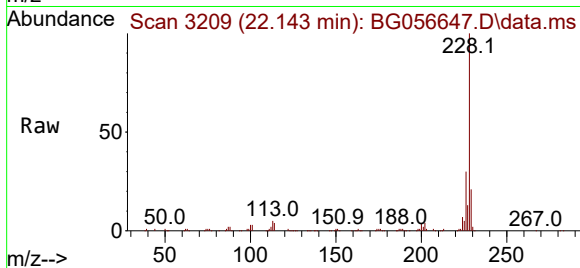
Tgt Ion:228 Resp: 335639

Ion Ratio Lower Upper

228 100

226 30.1 23.0 34.6

229 20.7 15.8 23.8



#84

Bis(2-ethylhexyl)phthalate

Concen: 49.518 ng

RT: 21.943 min Scan# 3175

Delta R.T. -0.011 min

Lab File: BG056647.D

Acq: 16 Feb 2023 00:45

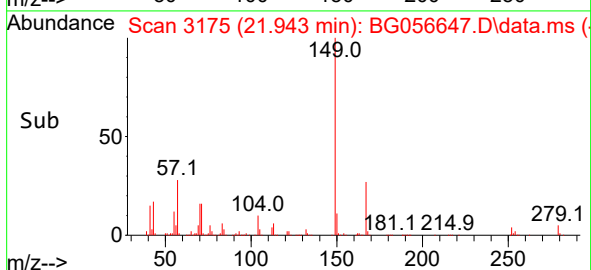
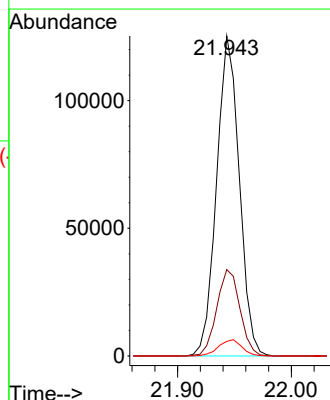
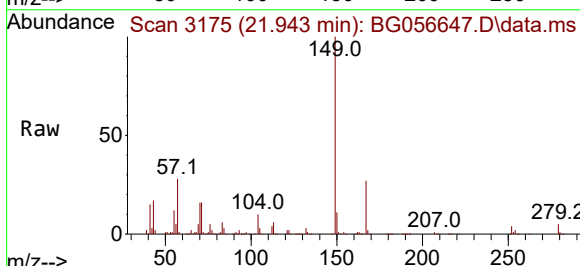
Tgt Ion:149 Resp: 173713

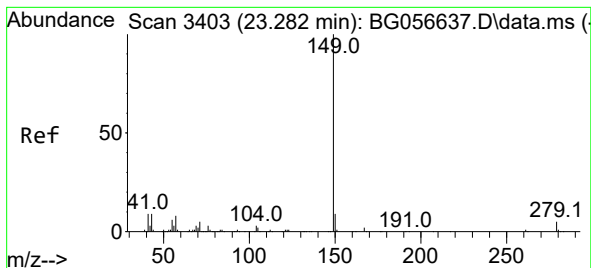
Ion Ratio Lower Upper

149 100

167 27.0 21.4 32.0

279 4.5 4.1 6.1





#85

Di-n-octyl phthalate

Concen: 50.897 ng

RT: 23.271 min Scan# 3401

Delta R.T. -0.011 min

Lab File: BG056647.D

Acq: 16 Feb 2023 00:45

Instrument :

BNA\_G

ClientSampleId :

PB150875BS

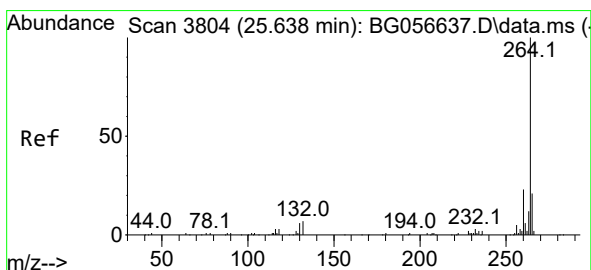
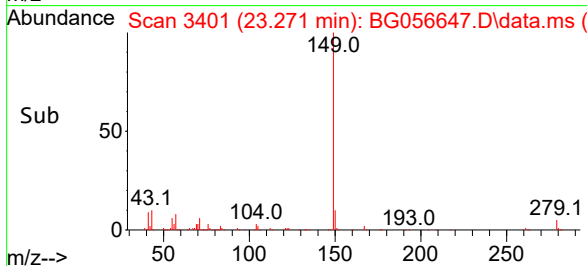
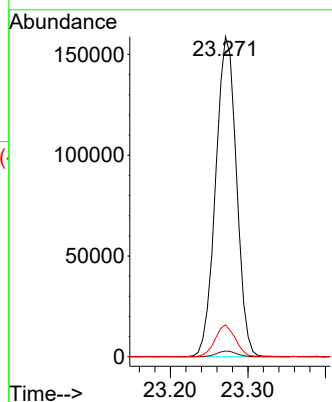
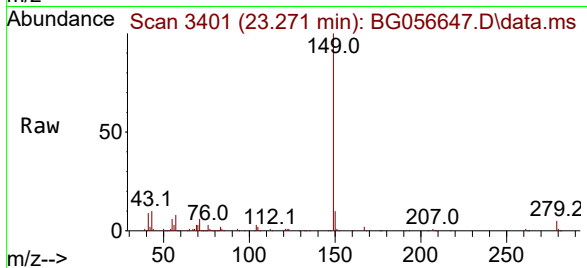
Tgt Ion:149 Resp: 296770

Ion Ratio Lower Upper

149 100

167 1.7 1.3 1.9

43 9.7 7.8 11.6



#86

Perylene-d12

Concen: 20.000 ng

RT: 25.633 min Scan# 3803

Delta R.T. -0.005 min

Lab File: BG056647.D

Acq: 16 Feb 2023 00:45

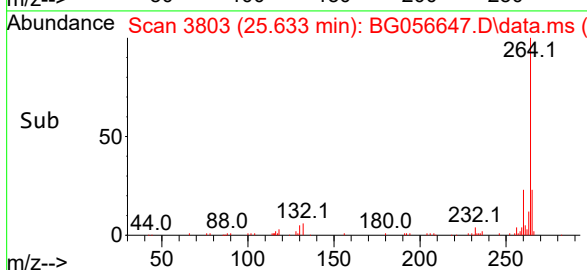
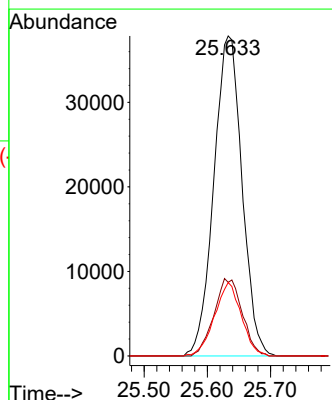
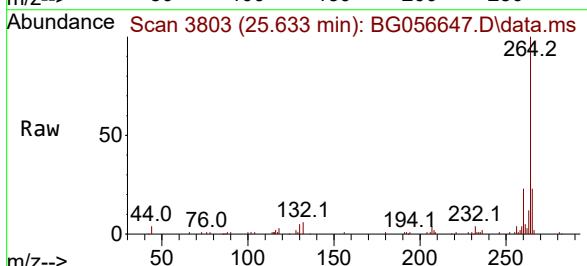
Tgt Ion:264 Resp: 117161

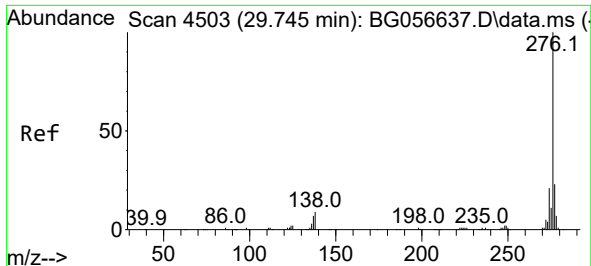
Ion Ratio Lower Upper

264 100

260 23.0 18.6 27.8

265 22.9 17.0 25.4

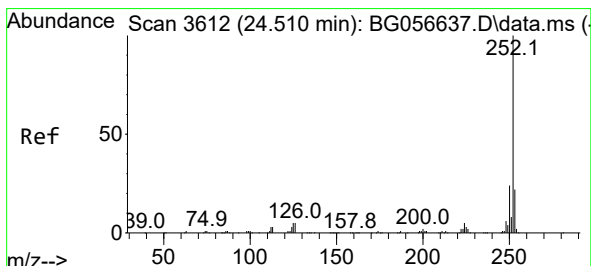
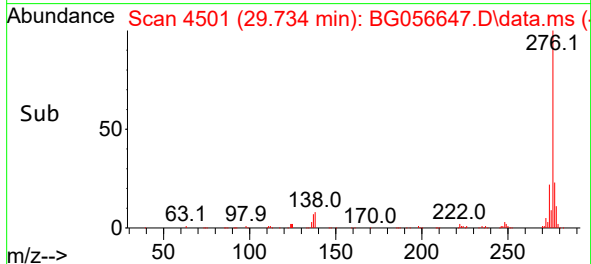
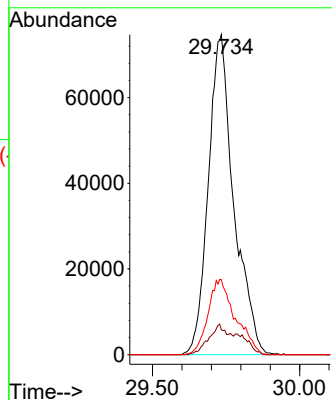
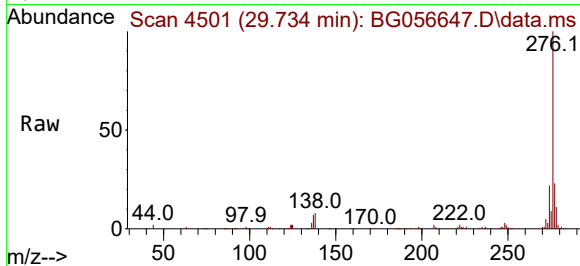




#87  
 Indeno(1,2,3-cd)pyrene  
 Concen: 49.064 ng  
 RT: 29.734 min Scan# 41  
 Delta R.T. -0.011 min  
 Lab File: BG056647.D  
 Acq: 16 Feb 2023 00:45

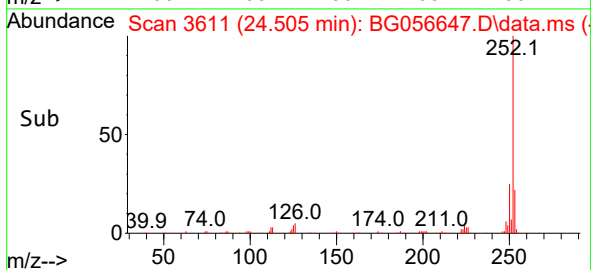
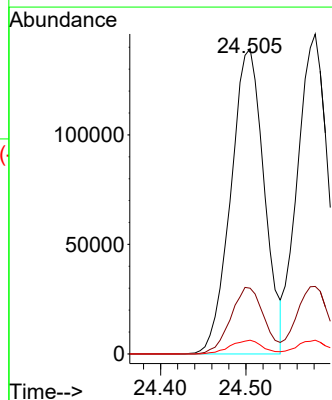
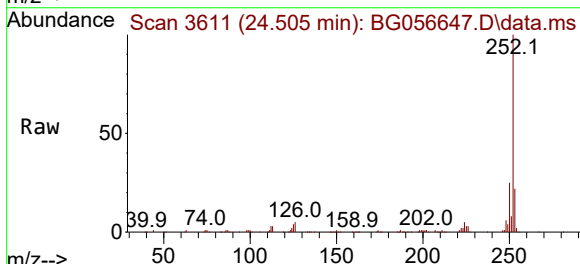
Instrument :  
 BNA\_G  
 ClientSampleId :  
 PB150875BS

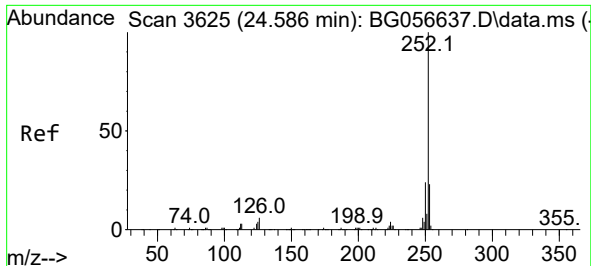
Tgt Ion:276 Resp: 450200  
 Ion Ratio Lower Upper  
 276 100  
 138 7.5 3.8 5.8#  
 277 25.3 20.3 30.5



#88  
 Benzo(b)fluoranthene  
 Concen: 49.452 ng  
 RT: 24.505 min Scan# 3611  
 Delta R.T. -0.005 min  
 Lab File: BG056647.D  
 Acq: 16 Feb 2023 00:45

Tgt Ion:252 Resp: 378518  
 Ion Ratio Lower Upper  
 252 100  
 253 21.5 17.3 25.9  
 125 4.5 3.7 5.5

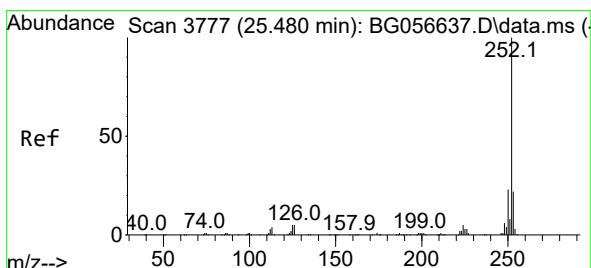
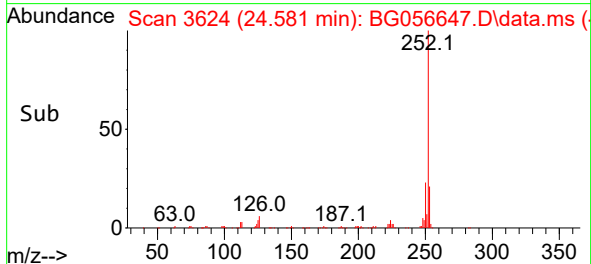
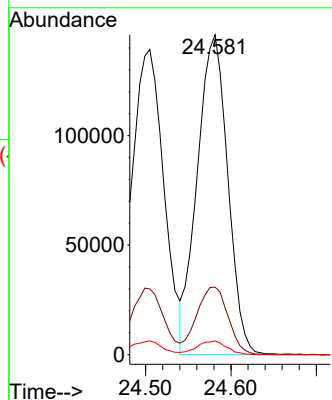
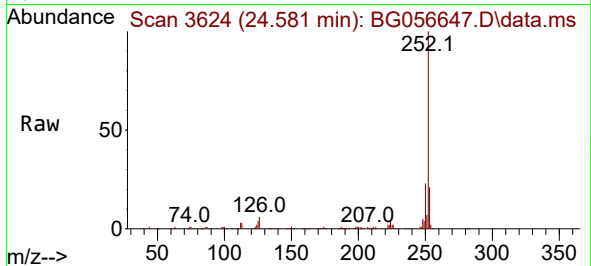




#89  
Benzo(k)fluoranthene  
Concen: 48.121 ng  
RT: 24.581 min Scan# 30  
Delta R.T. -0.005 min  
Lab File: BG056647.D  
Acq: 16 Feb 2023 00:45

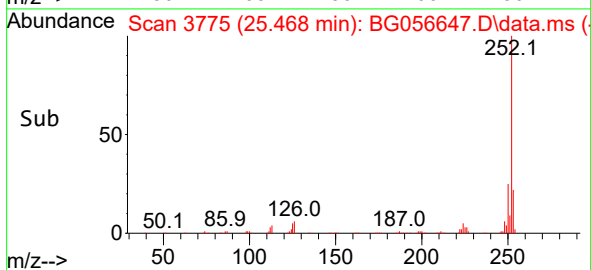
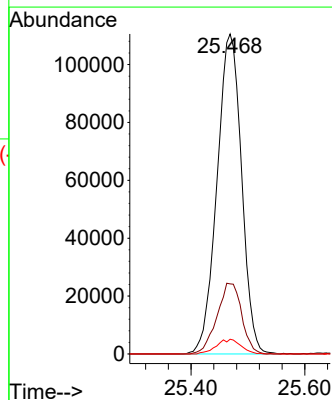
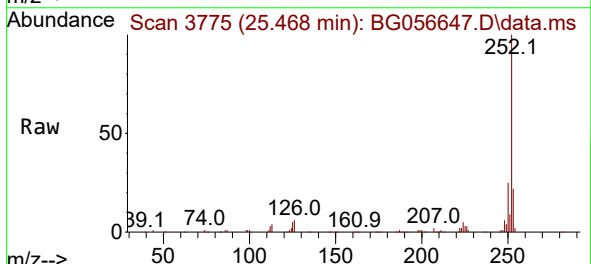
Instrument :  
BNA\_G  
ClientSampleId :  
PB150875BS

Tgt Ion:252 Resp: 362209  
Ion Ratio Lower Upper  
252 100  
253 21.1 18.5 27.7  
125 4.3 3.4 5.0

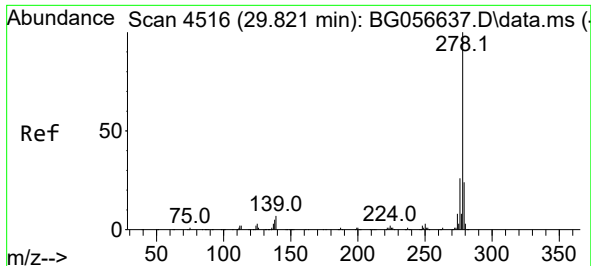


#90  
Benzo(a)pyrene  
Concen: 45.030 ng  
RT: 25.468 min Scan# 3775  
Delta R.T. -0.011 min  
Lab File: BG056647.D  
Acq: 16 Feb 2023 00:45

Tgt Ion:252 Resp: 331304  
Ion Ratio Lower Upper  
252 100  
253 21.9 17.9 26.9  
125 4.6 4.0 6.0



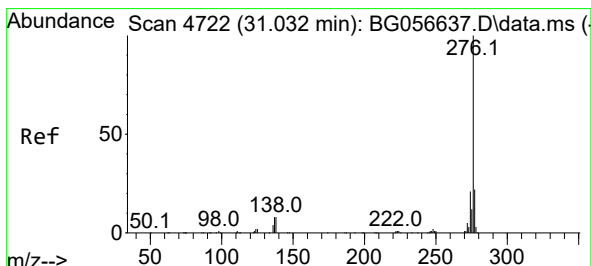
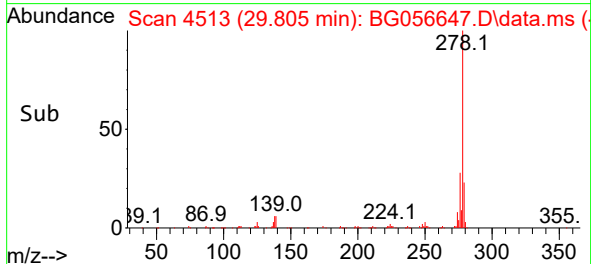
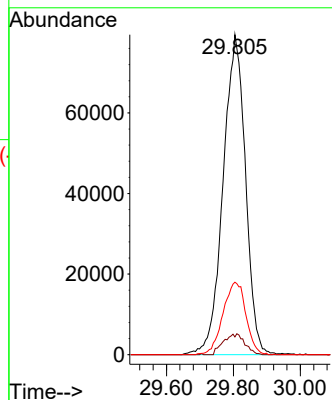
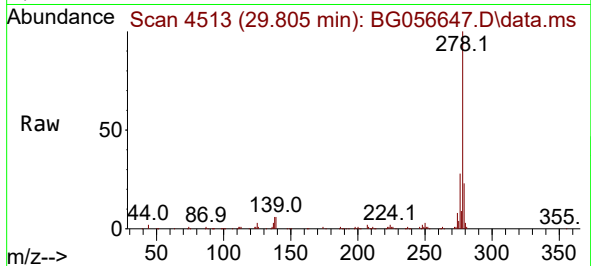




#91  
Dibenzo(a,h)anthracene  
Concen: 48.573 ng  
RT: 29.805 min Scan# 41  
Delta R.T. -0.017 min  
Lab File: BG056647.D  
Acq: 16 Feb 2023 00:45

Instrument :  
BNA\_G  
ClientSampleId :  
PB150875BS

Tgt Ion:278 Resp: 369132  
Ion Ratio Lower Upper  
278 100  
139 5.6 5.8 8.8#  
279 22.6 19.6 29.4



#92  
Benzo(g,h,i)perylene  
Concen: 48.450 ng  
RT: 31.015 min Scan# 4719  
Delta R.T. -0.017 min  
Lab File: BG056647.D  
Acq: 16 Feb 2023 00:45

Tgt Ion:276 Resp: 359773  
Ion Ratio Lower Upper  
276 100  
277 25.2 17.5 26.3  
138 8.7 6.4 9.6

