

Data Path : Z:\svoasrv\HPCHEM1\BNA\_G\Data\BG040423\  
 Data File : BG056978.D  
 Acq On : 4 Apr 2023 23:46  
 Operator : CG/JU  
 Sample : 02176-01MS  
 Misc :  
 ALS Vial : 13 Sample Multiplier: 1

Instrument :  
 BNA\_G  
 ClientSampleId :  
 TR-04-040323MS

Quant Time: Apr 05 04:12:37 2023  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_G\Methods\8270-BG033023.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Fri Mar 31 03:23:11 2023  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc   | Units | Dev(Min) |
|-------------------------------|--------|------|----------|--------|-------|----------|
| -----                         |        |      |          |        |       |          |
| Internal Standards            |        |      |          |        |       |          |
| 1) 1,4-Dichlorobenzene-d4     | 8.413  | 152  | 20092    | 20.000 | ng    | 0.00     |
| 21) Naphthalene-d8            | 11.257 | 136  | 77104    | 20.000 | ng    | 0.00     |
| 39) Acenaphthene-d10          | 15.028 | 164  | 51828    | 20.000 | ng    | 0.00     |
| 64) Phenanthrene-d10          | 17.765 | 188  | 107751   | 20.000 | ng    | # 0.00   |
| 76) Chrysene-d12              | 22.095 | 240  | 97448    | 20.000 | ng    | 0.00     |
| 86) Perylene-d12              | 25.637 | 264  | 103353   | 20.000 | ng    | 0.00     |
| System Monitoring Compounds   |        |      |          |        |       |          |
| 5) 2-Fluorophenol             | 5.923  | 112  | 115948   | 92.359 | ng    | 0.00     |
| 7) Phenol-d6                  | 7.550  | 99   | 171490   | 91.334 | ng    | 0.00     |
| 23) Nitrobenzene-d5           | 9.594  | 82   | 109826   | 58.283 | ng    | 0.00     |
| 42) 2,4,6-Tribromophenol      | 16.508 | 330  | 73929    | 89.290 | ng    | 0.00     |
| 45) 2-Fluorobiphenyl          | 13.653 | 172  | 243278   | 63.650 | ng    | 0.00     |
| 79) Terphenyl-d14             | 20.338 | 244  | 355098   | 61.662 | ng    | 0.00     |
| Target Compounds              |        |      |          |        |       |          |
|                               |        |      |          |        |       | Qvalue   |
| 2) 1,4-Dioxane                | 3.726  | 88   | 17261    | 31.365 | ng    | # 95     |
| 3) Pyridine                   | 4.148  | 79   | 51949    | 29.308 | ng    | 96       |
| 4) n-Nitrosodimethylamine     | 4.055  | 42   | 30925    | 37.947 | ng    | # 83     |
| 6) Aniline                    | 7.726  | 93   | 44237    | 18.430 | ng    | 98       |
| 8) 2-Chlorophenol             | 7.973  | 128  | 60444    | 48.338 | ng    | 93       |
| 9) Benzaldehyde               | 7.538  | 77   | 42611    | 36.182 | ng    | 90       |
| 10) Phenol                    | 7.573  | 94   | 84575    | 45.459 | ng    | 99       |
| 11) bis(2-Chloroethyl)ether   | 7.814  | 93   | 56904    | 42.938 | ng    | 99       |
| 12) 1,3-Dichlorobenzene       | 8.308  | 146  | 65168    | 47.166 | ng    | 96       |
| 13) 1,4-Dichlorobenzene       | 8.454  | 146  | 66340    | 47.573 | ng    | 97       |
| 14) 1,2-Dichlorobenzene       | 8.778  | 146  | 64897    | 48.170 | ng    | 92       |
| 15) Benzyl Alcohol            | 8.648  | 79   | 65195    | 41.788 | ng    | 99       |
| 16) 2,2'-oxybis(1-Chloropr... | 8.930  | 45   | 70109    | 43.896 | ng    | 97       |
| 17) 2-Methylphenol            | 8.848  | 107  | 58698    | 44.223 | ng    | 90       |
| 18) Hexachloroethane          | 9.518  | 117  | 23804    | 46.703 | ng    | 98       |
| 19) n-Nitroso-di-n-propyla... | 9.218  | 70   | 52918    | 39.403 | ng    | # 91     |
| 20) 3+4-Methylphenols         | 9.177  | 107  | 75745    | 40.810 | ng    | 98       |
| 22) Acetophenone              | 9.242  | 105  | 98921    | 43.116 | ng    | 99       |
| 24) Nitrobenzene              | 9.635  | 77   | 82780    | 42.968 | ng    | 93       |
| 25) Isophorone                | 10.158 | 82   | 139333   | 38.829 | ng    | 99       |
| 26) 2-Nitrophenol             | 10.352 | 139  | 34158    | 45.934 | ng    | 98       |
| 27) 2,4-Dimethylphenol        | 10.393 | 122  | 60012    | 45.708 | ng    | 99       |
| 28) bis(2-Chloroethoxy)met... | 10.628 | 93   | 73470    | 40.897 | ng    | 93       |
| 29) 2,4-Dichlorophenol        | 10.892 | 162  | 65162    | 46.148 | ng    | 99       |
| 30) 1,2,4-Trichlorobenzene    | 11.110 | 180  | 71065    | 47.367 | ng    | 94       |
| 31) Naphthalene               | 11.309 | 128  | 186126   | 44.287 | ng    | 97       |
| 32) Benzoic acid              | 10.528 | 122  | 39794    | 44.123 | ng    | 97       |
| 33) 4-Chloroaniline           | 11.403 | 127  | 18437    | 9.713  | ng    | # 95     |
| 34) Hexachlorobutadiene       | 11.580 | 225  | 52710    | 46.770 | ng    | 94       |
| 35) Caprolactam               | 12.167 | 113  | 14433    | 29.639 | ng    | 94       |
| 36) 4-Chloro-3-methylphenol   | 12.496 | 107  | 65423    | 41.431 | ng    | 99       |
| 37) 2-Methylnaphthalene       | 12.884 | 142  | 136939   | 41.055 | ng    | 99       |
| 38) 1-Methylnaphthalene       | 13.101 | 142  | 126667   | 40.442 | ng    | 99       |
| 40) 1,2,4,5-Tetrachloroben... | 13.242 | 216  | 93467    | 52.006 | ng    | 100      |
| 41) Hexachlorocyclopentadiene | 13.219 | 237  | 42840    | 43.262 | ng    | 94       |
| 43) 2,4,6-Trichlorophenol     | 13.471 | 196  | 56567    | 49.322 | ng    | 99       |

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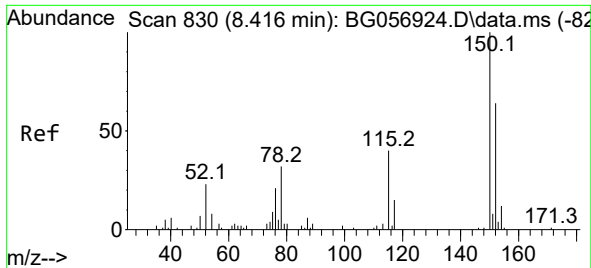
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 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_G\Methods\8270-BG033023.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Fri Mar 31 03:23:11 2023  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc   | Units | Dev(Min) |
|-------------------------------|--------|------|----------|--------|-------|----------|
| 44) 2,4,5-Trichlorophenol     | 13.548 | 196  | 60482    | 44.515 | ng    | 94       |
| 46) 1,1'-Biphenyl             | 13.865 | 154  | 187998   | 49.552 | ng    | 98       |
| 47) 2-Chloronaphthalene       | 13.918 | 162  | 139423   | 49.688 | ng    | 97       |
| 48) 2-Nitroaniline            | 14.106 | 65   | 45730    | 45.578 | ng    | 98       |
| 49) Acenaphthylene            | 14.758 | 152  | 211126   | 45.794 | ng    | 100      |
| 50) Dimethylphthalate         | 14.464 | 163  | 172057   | 42.133 | ng    | # 98     |
| 51) 2,6-Dinitrotoluene        | 14.593 | 165  | 37892    | 42.946 | ng    | 98       |
| 52) Acenaphthene              | 15.092 | 154  | 146438   | 46.055 | ng    | 95       |
| 53) 3-Nitroaniline            | 14.922 | 138  | 24357    | 27.890 | ng    | # 95     |
| 54) 2,4-Dinitrophenol         | 15.122 | 184  | 23873    | 48.070 | ng    | 89       |
| 55) Dibenzofuran              | 15.421 | 168  | 211218   | 44.260 | ng    | 95       |
| 56) 4-Nitrophenol             | 15.216 | 139  | 58947    | 91.277 | ng    | 96       |
| 57) 2,4-Dinitrotoluene        | 15.374 | 165  | 52512    | 42.198 | ng    | # 96     |
| 58) Fluorene                  | 16.068 | 166  | 173954   | 44.051 | ng    | 99       |
| 59) 2,3,4,6-Tetrachlorophenol | 15.562 | 232  | 55721    | 45.043 | ng    | 96       |
| 60) Diethylphthalate          | 15.809 | 149  | 165616   | 40.455 | ng    | 98       |
| 61) 4-Chlorophenyl-phenyle... | 16.050 | 204  | 99220    | 42.794 | ng    | 94       |
| 62) 4-Nitroaniline            | 16.079 | 138  | 32392    | 35.799 | ng    | 97       |
| 63) Azobenzene                | 16.344 | 77   | 175730   | 43.072 | ng    | 97       |
| 65) 4,6-Dinitro-2-methylph... | 16.132 | 198  | 16653    | 25.518 | ng    | 97       |
| 66) n-Nitrosodiphenylamine    | 16.262 | 169  | 141754   | 49.007 | ng    | 99       |
| 67) 4-Bromophenyl-phenylether | 16.943 | 248  | 63801    | 47.855 | ng    | 98       |
| 68) Hexachlorobenzene         | 17.072 | 284  | 64779    | 49.146 | ng    | 97       |
| 69) Atrazine                  | 17.196 | 200  | 58173    | 48.450 | ng    | 98       |
| 70) Pentachlorophenol         | 17.413 | 266  | 85934    | 90.876 | ng    | 97       |
| 71) Phenanthrene              | 17.812 | 178  | 308317   | 56.122 | ng    | 99       |
| 72) Anthracene                | 17.900 | 178  | 280063   | 49.730 | ng    | 100      |
| 73) Carbazole                 | 18.165 | 167  | 227414   | 46.315 | ng    | 96       |
| 74) Di-n-butylphthalate       | 18.688 | 149  | 249052   | 43.802 | ng    | 98       |
| 75) Fluoranthene              | 19.798 | 202  | 452962   | 65.043 | ng    | 98       |
| 77) Benzidine                 | 19.968 | 184  | 55098    | 20.686 | ng    | 99       |
| 78) Pyrene                    | 20.162 | 202  | 451235   | 66.949 | ng    | 98       |
| 80) Butylbenzylphthalate      | 21.014 | 149  | 101221   | 43.642 | ng    | 99       |
| 81) Benzo(a)anthracene        | 22.071 | 228  | 417325   | 61.887 | ng    | 98       |
| 82) 3,3'-Dichlorobenzidine    | 21.966 | 252  | 57376    | 25.197 | ng    | 100      |
| 83) Chrysene                  | 22.142 | 228  | 374865   | 59.371 | ng    | 99       |
| 84) Bis(2-ethylhexyl)phtha... | 21.924 | 149  | 145656   | 43.369 | ng    | 99       |
| 85) Di-n-octyl phthalate      | 23.240 | 149  | 245473   | 43.372 | ng    | 96       |
| 87) Indeno(1,2,3-cd)pyrene    | 29.743 | 276  | 334431   | 43.784 | ng    | # 96     |
| 88) Benzo(b)fluoranthene      | 24.509 | 252  | 432609   | 66.936 | ng    | 99       |
| 89) Benzo(k)fluoranthene      | 24.580 | 252  | 371680   | 57.605 | ng    | 98       |
| 90) Benzo(a)pyrene            | 25.478 | 252  | 374204   | 58.921 | ng    | 99       |
| 91) Dibenzo(a,h)anthracene    | 29.808 | 278  | 260934   | 41.560 | ng    | 99       |
| 92) Benzo(g,h,i)perylene      | 31.024 | 276  | 248727   | 40.457 | ng    | 98       |

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

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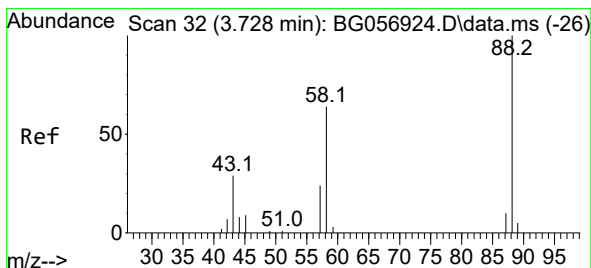
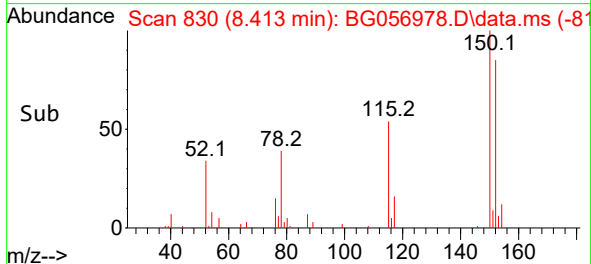
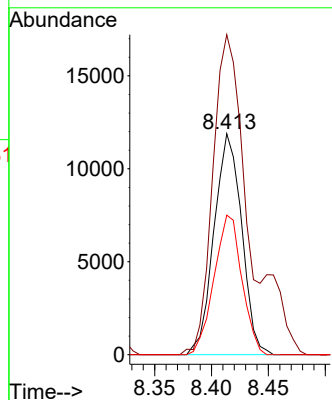
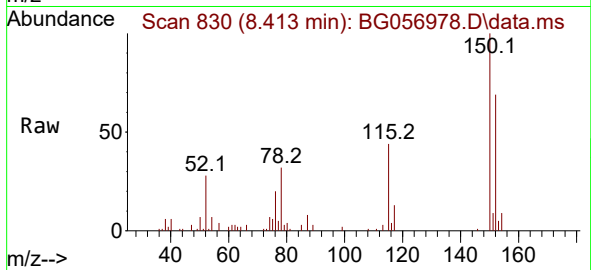




#1  
 1,4-Dichlorobenzene-d4  
 Concen: 20.000 ng  
 RT: 8.413 min Scan# 81  
 Delta R.T. -0.003 min  
 Lab File: BG056978.D  
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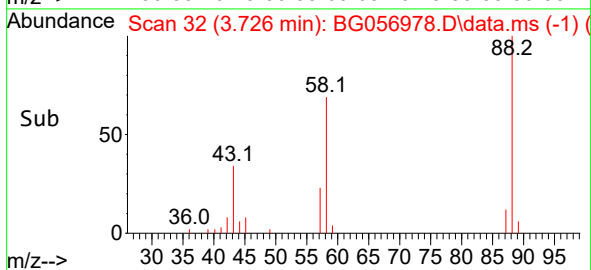
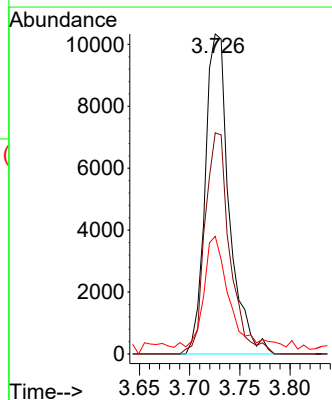
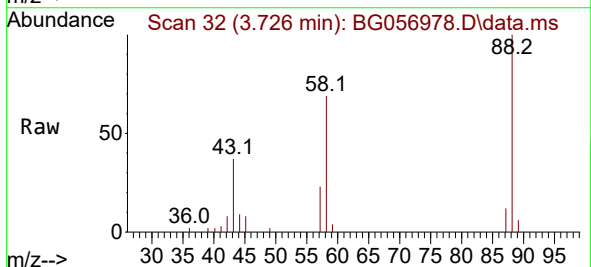
Instrument :  
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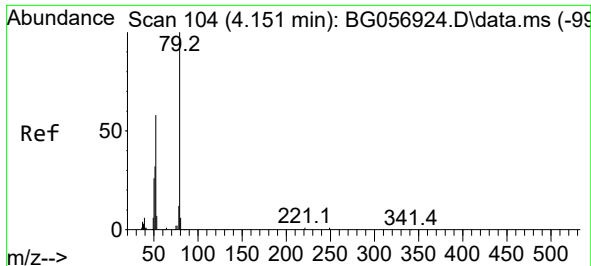
Tgt Ion:152 Resp: 20092  
 Ion Ratio Lower Upper  
 152 100  
 150 144.9 124.1 186.1  
 115 63.2 49.1 73.7



#2  
 1,4-Dioxane  
 Concen: 31.365 ng  
 RT: 3.726 min Scan# 32  
 Delta R.T. -0.003 min  
 Lab File: BG056978.D  
 Acq: 4 Apr 2023 23:46

Tgt Ion: 88 Resp: 17261  
 Ion Ratio Lower Upper  
 88 100  
 58 70.8 55.9 83.9  
 43 38.9 25.7 38.5#

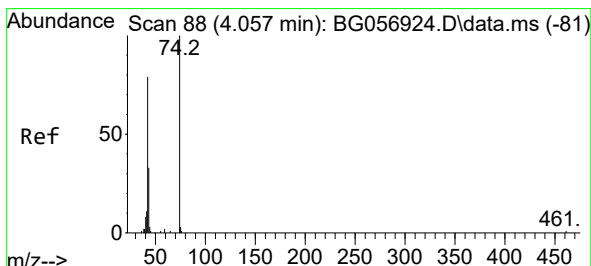
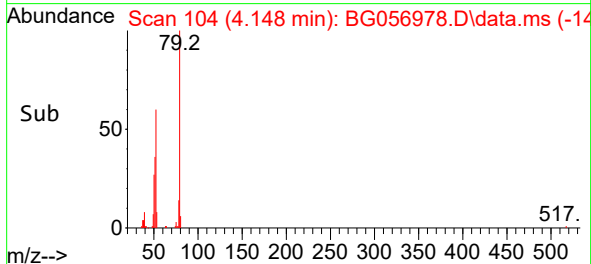
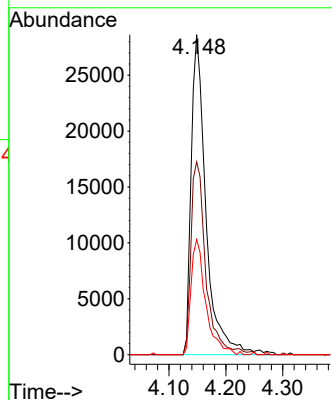
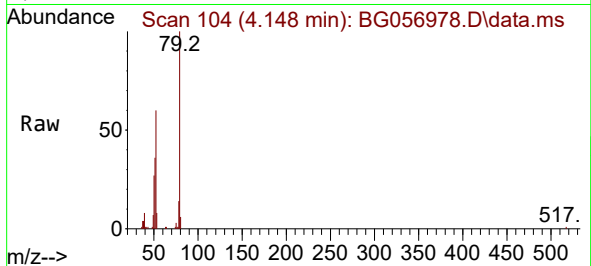




#3  
Pyridine  
Concen: 29.308 ng  
RT: 4.148 min Scan# 104  
Delta R.T. -0.003 min  
Lab File: BG056978.D  
Acq: 4 Apr 2023 23:46

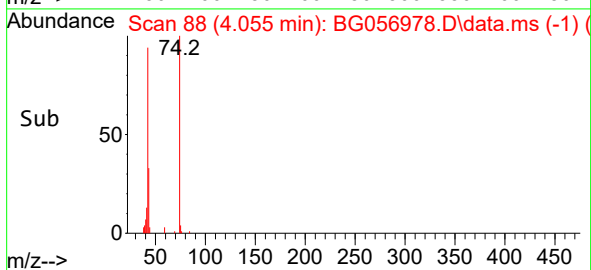
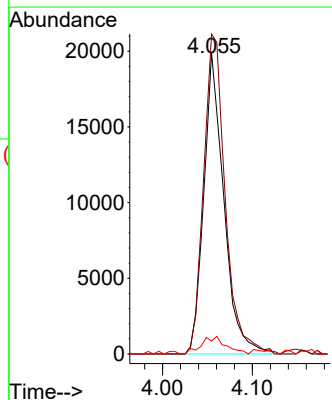
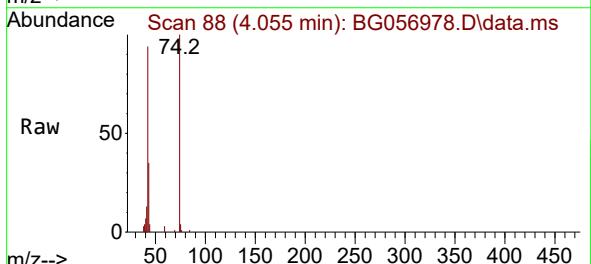
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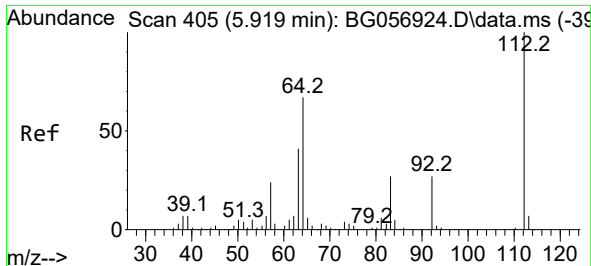
Tgt Ion: 79 Resp: 51949  
Ion Ratio Lower Upper  
79 100  
52 60.2 46.1 69.1  
51 36.0 26.1 39.1



#4  
n-Nitrosodimethylamine  
Concen: 37.947 ng  
RT: 4.055 min Scan# 88  
Delta R.T. -0.003 min  
Lab File: BG056978.D  
Acq: 4 Apr 2023 23:46

Tgt Ion: 42 Resp: 30925  
Ion Ratio Lower Upper  
42 100  
74 106.2 100.6 151.0  
44 4.3 4.6 7.0#

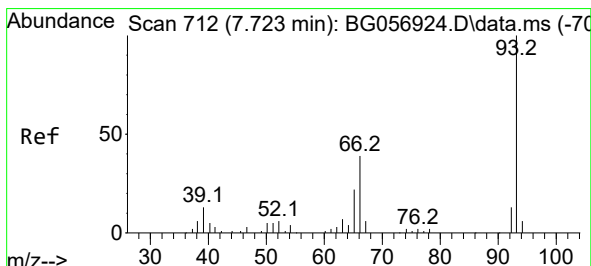
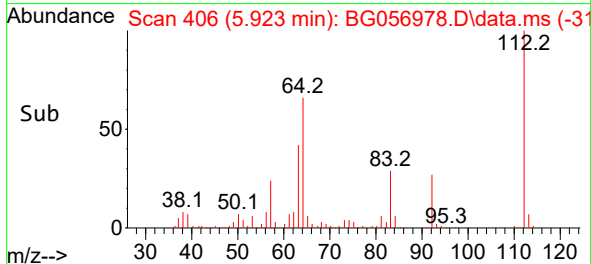
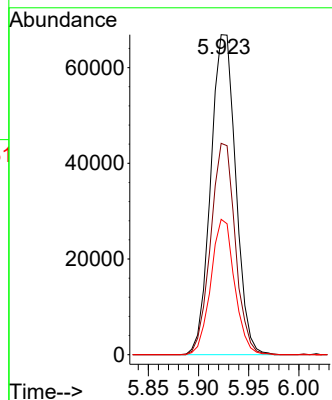
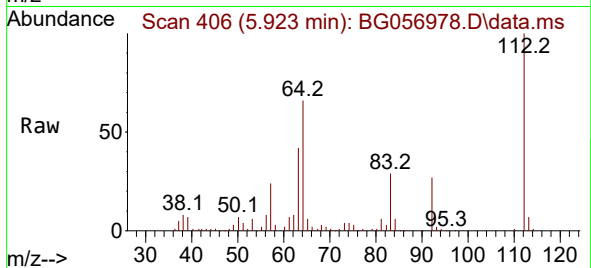




#5  
2-Fluorophenol  
Concen: 92.359 ng  
RT: 5.923 min Scan# 405  
Delta R.T. 0.003 min  
Lab File: BG056978.D  
Acq: 4 Apr 2023 23:46

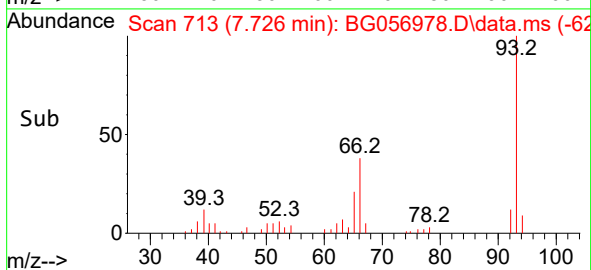
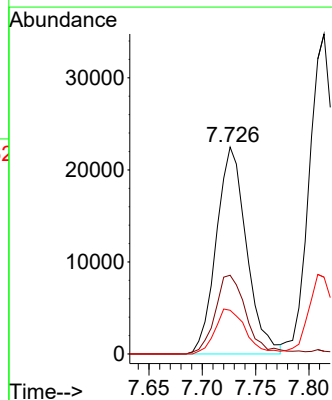
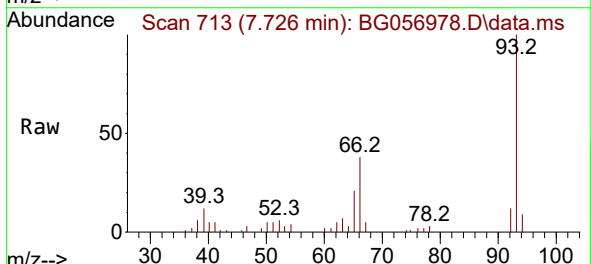
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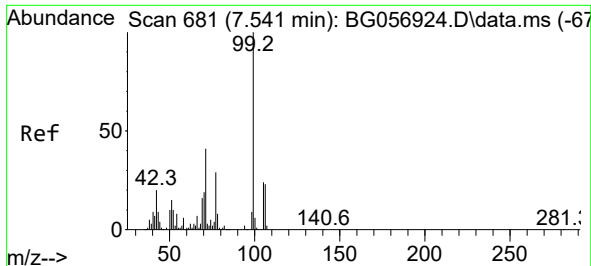
Tgt Ion:112 Resp: 115948  
Ion Ratio Lower Upper  
112 100  
64 66.1 53.2 79.8  
63 42.3 32.6 48.8



#6  
Aniline  
Concen: 18.430 ng  
RT: 7.726 min Scan# 713  
Delta R.T. 0.003 min  
Lab File: BG056978.D  
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Tgt Ion: 93 Resp: 44237  
Ion Ratio Lower Upper  
93 100  
66 38.1 31.4 47.0  
65 21.2 17.3 25.9

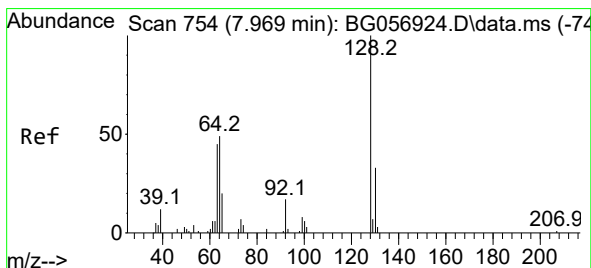
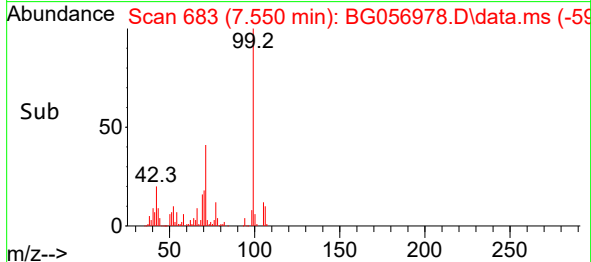
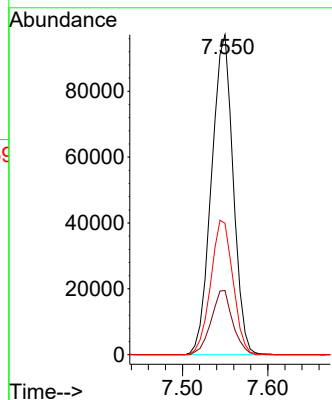
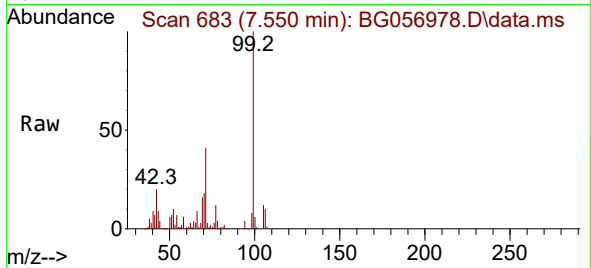




#7  
Phenol-d6  
Concen: 91.334 ng  
RT: 7.550 min Scan# 681  
Delta R.T. 0.009 min  
Lab File: BG056978.D  
Acq: 4 Apr 2023 23:46

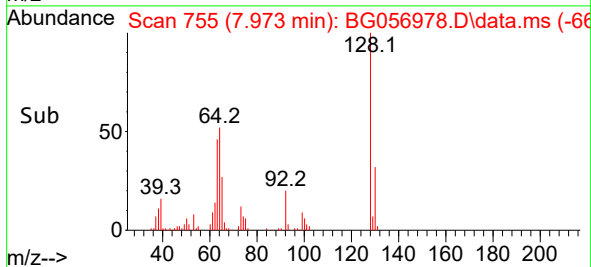
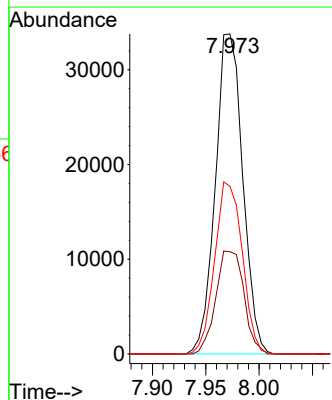
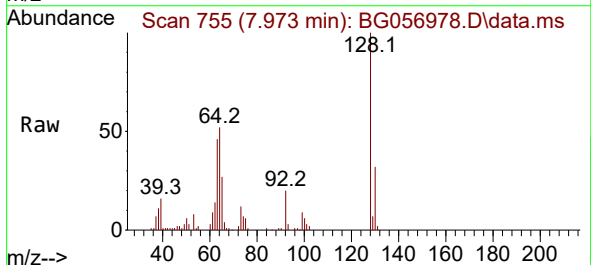
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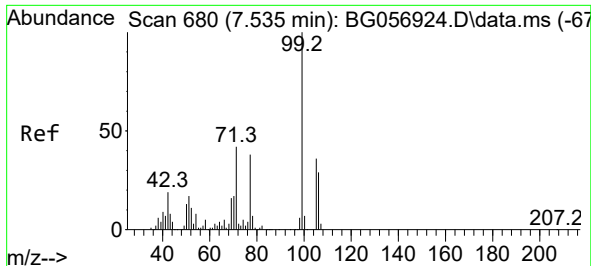
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Ion Ratio Lower Upper  
99 100  
42 20.0 15.7 23.5  
71 41.1 32.5 48.7



#8  
2-Chlorophenol  
Concen: 48.338 ng  
RT: 7.973 min Scan# 755  
Delta R.T. 0.003 min  
Lab File: BG056978.D  
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Tgt Ion: 128 Resp: 60444  
Ion Ratio Lower Upper  
128 100  
130 32.0 12.6 52.6  
64 52.4 40.6 80.6

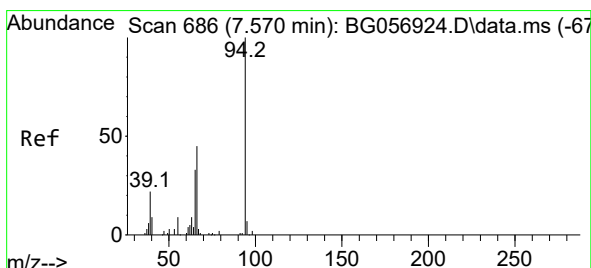
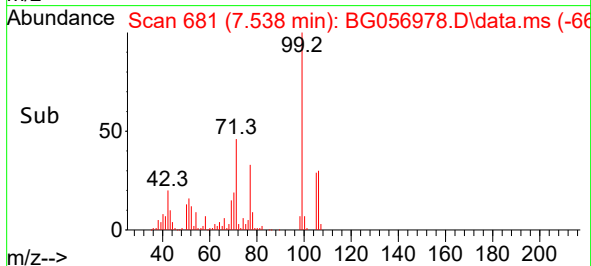
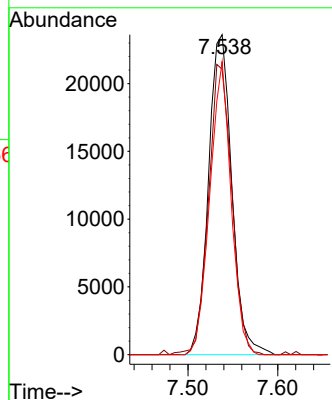
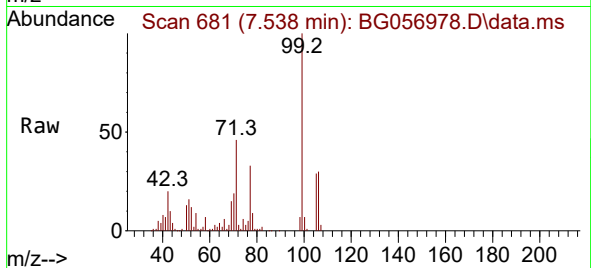




#9  
Benzaldehyde  
Concen: 36.182 ng  
RT: 7.538 min Scan# 680  
Delta R.T. 0.003 min  
Lab File: BG056978.D  
Acq: 4 Apr 2023 23:46

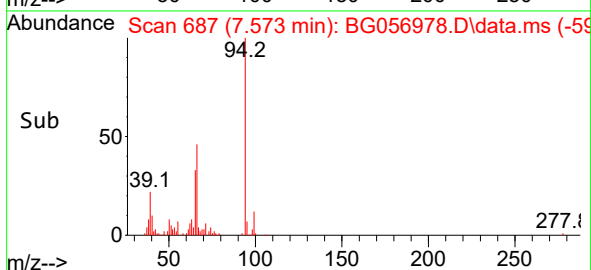
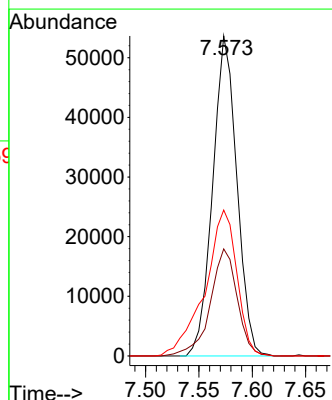
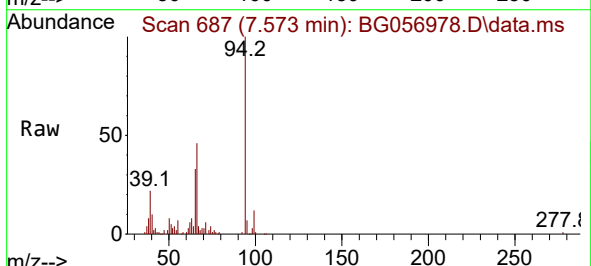
Instrument :  
BNA\_G  
ClientSampleId :  
TR-04-040323MS

Tgt Ion: 77 Resp: 42611  
Ion Ratio Lower Upper  
77 100  
105 89.2 73.6 113.6  
106 91.6 56.7 96.7

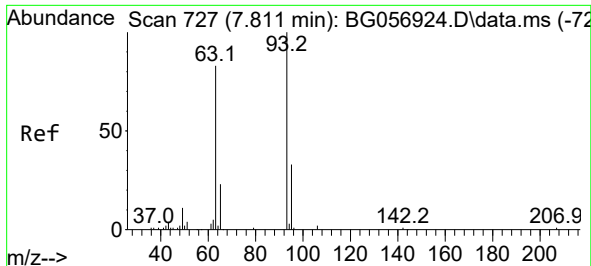


#10  
Phenol  
Concen: 45.459 ng  
RT: 7.573 min Scan# 687  
Delta R.T. 0.003 min  
Lab File: BG056978.D  
Acq: 4 Apr 2023 23:46

Tgt Ion: 94 Resp: 84575  
Ion Ratio Lower Upper  
94 100  
65 33.5 13.3 53.3  
66 45.6 26.7 66.7



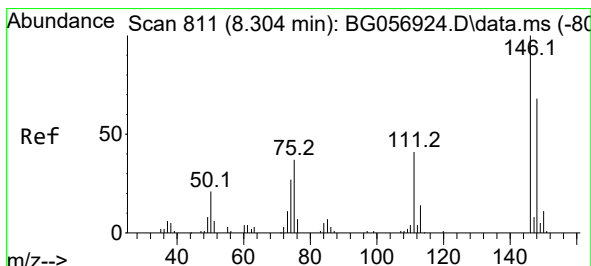
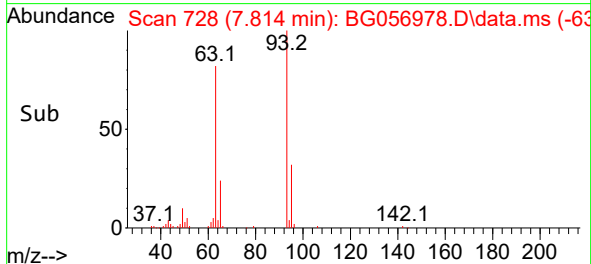
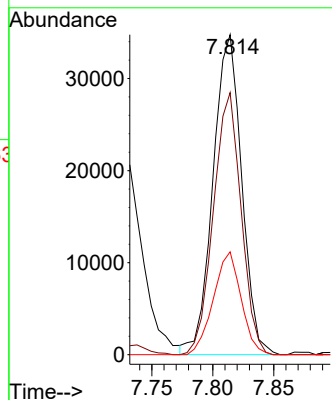
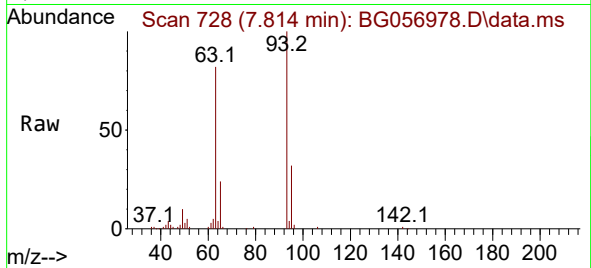




#11  
bis(2-Chloroethyl)ether  
Concen: 42.938 ng  
RT: 7.814 min Scan# 71  
Delta R.T. 0.003 min  
Lab File: BG056978.D  
Acq: 4 Apr 2023 23:46

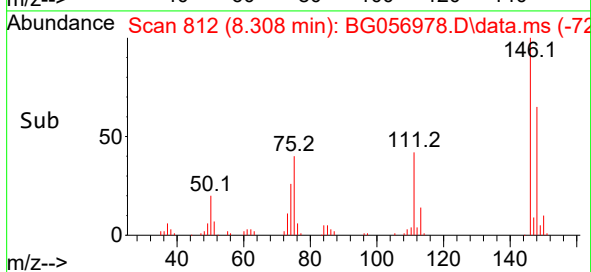
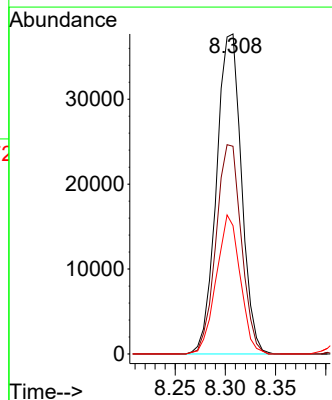
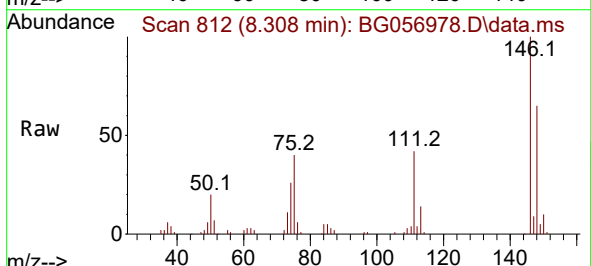
Instrument :  
BNA\_G  
ClientSampleId :  
TR-04-040323MS

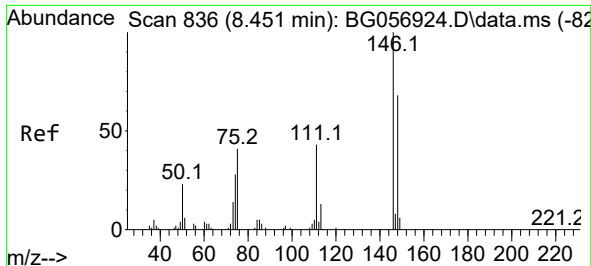
Tgt Ion: 93 Resp: 56904  
Ion Ratio Lower Upper  
93 100  
63 81.9 62.7 102.7  
95 32.2 12.3 52.3



#12  
1,3-Dichlorobenzene  
Concen: 47.166 ng  
RT: 8.308 min Scan# 812  
Delta R.T. 0.003 min  
Lab File: BG056978.D  
Acq: 4 Apr 2023 23:46

Tgt Ion: 146 Resp: 65168  
Ion Ratio Lower Upper  
146 100  
148 64.9 54.2 81.4  
75 40.1 29.8 44.8

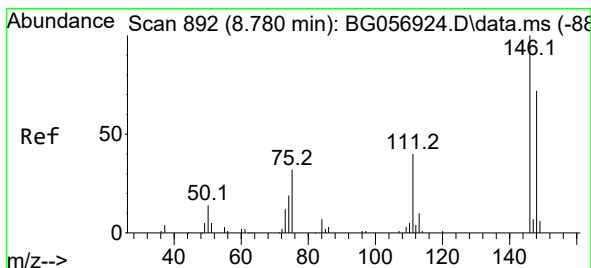
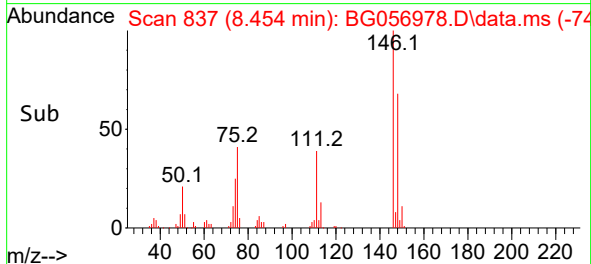
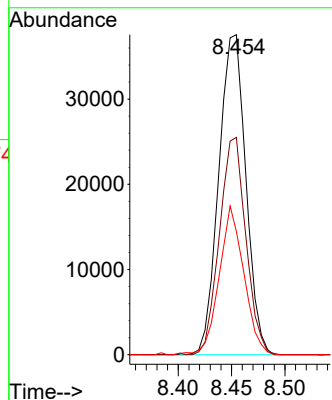
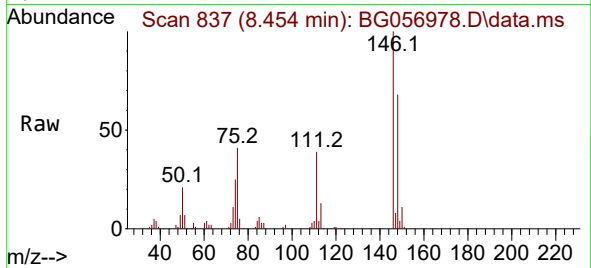




#13  
1,4-Dichlorobenzene  
Concen: 47.573 ng  
RT: 8.454 min Scan# 811  
Delta R.T. 0.003 min  
Lab File: BG056978.D  
Acq: 4 Apr 2023 23:46

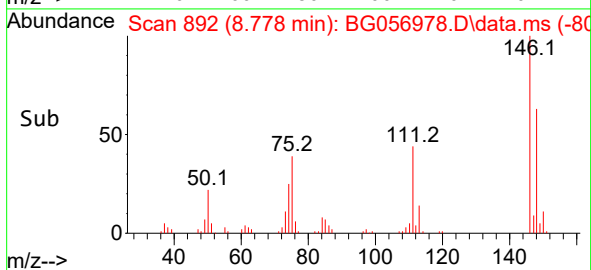
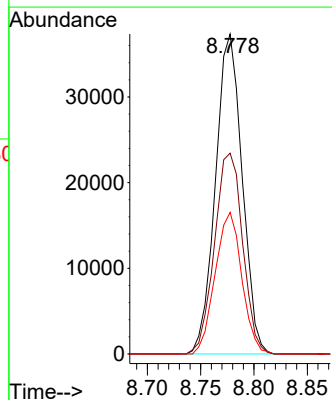
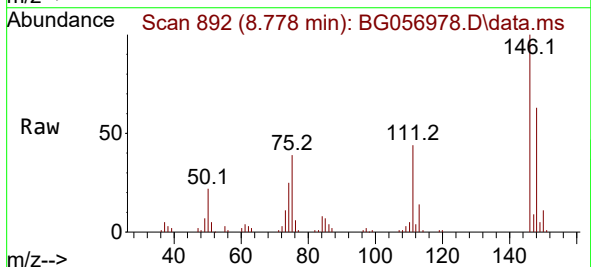
Instrument :  
BNA\_G  
ClientSampleId :  
TR-04-040323MS

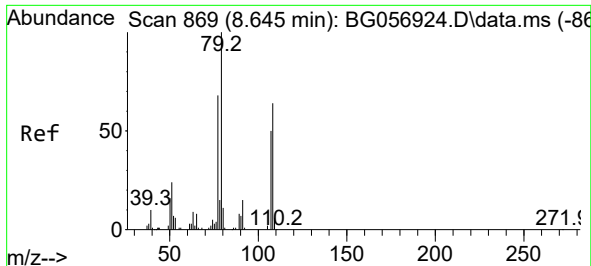
Tgt Ion:146 Resp: 66340  
Ion Ratio Lower Upper  
146 100  
148 67.9 54.8 82.2  
111 38.5 34.6 52.0



#14  
1,2-Dichlorobenzene  
Concen: 48.170 ng  
RT: 8.778 min Scan# 892  
Delta R.T. -0.003 min  
Lab File: BG056978.D  
Acq: 4 Apr 2023 23:46

Tgt Ion:146 Resp: 64897  
Ion Ratio Lower Upper  
146 100  
148 62.8 57.4 86.0  
111 44.2 33.2 49.8

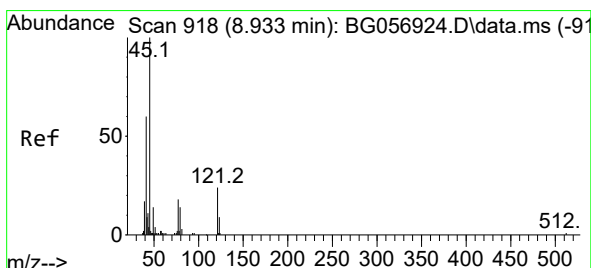
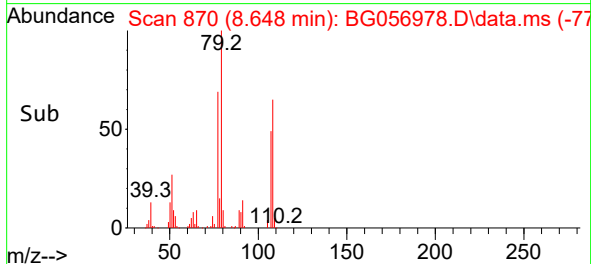
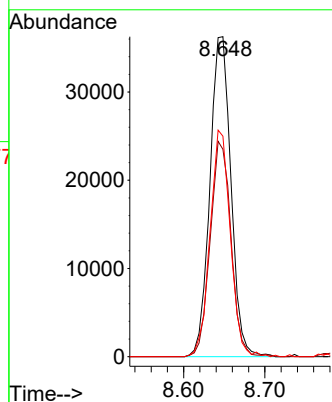
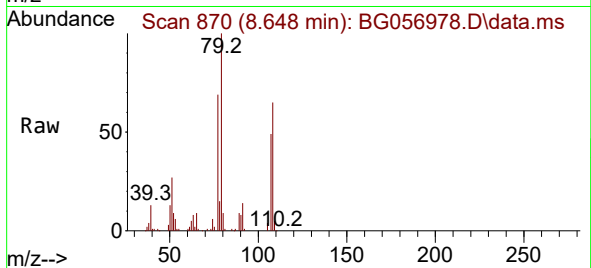




#15  
Benzyl Alcohol  
Concen: 41.788 ng  
RT: 8.648 min Scan# 81  
Delta R.T. 0.003 min  
Lab File: BG056978.D  
Acq: 4 Apr 2023 23:46

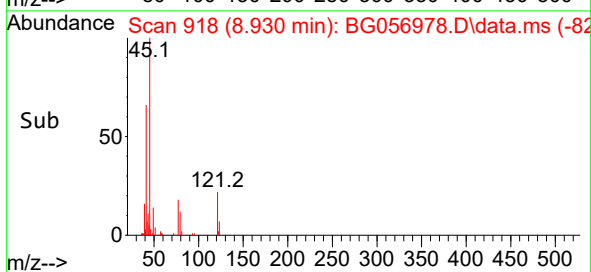
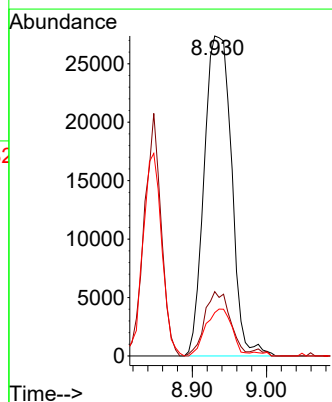
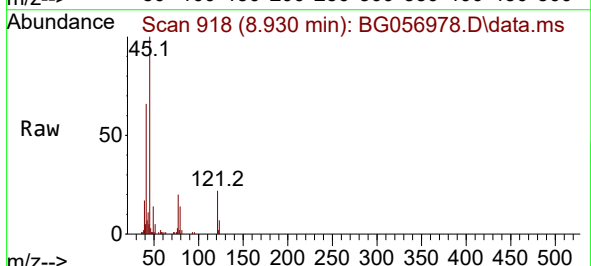
Instrument :  
BNA\_G  
ClientSampleId :  
TR-04-040323MS

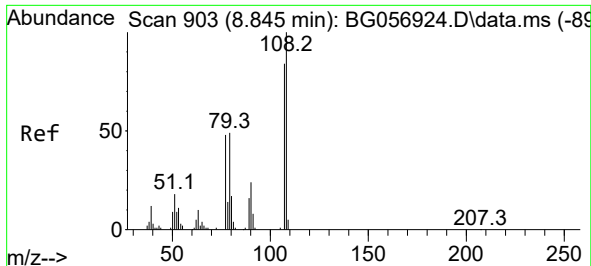
Tgt Ion: 79 Resp: 65195  
Ion Ratio Lower Upper  
79 100  
108 64.8 51.2 76.8  
77 68.9 54.4 81.6



#16  
2,2'-oxybis(1-Chloropropane)  
Concen: 43.896 ng  
RT: 8.930 min Scan# 918  
Delta R.T. -0.003 min  
Lab File: BG056978.D  
Acq: 4 Apr 2023 23:46

Tgt Ion: 45 Resp: 70109  
Ion Ratio Lower Upper  
45 100  
77 20.1 0.0 38.7  
79 13.5 0.0 35.1





#17

2-Methylphenol

Concen: 44.223 ng

RT: 8.848 min Scan# 903

Delta R.T. 0.003 min

Lab File: BG056978.D

Acq: 4 Apr 2023 23:46

Instrument :

BNA\_G

ClientSampleId :

TR-04-040323MS

Tgt Ion:107 Resp: 58698

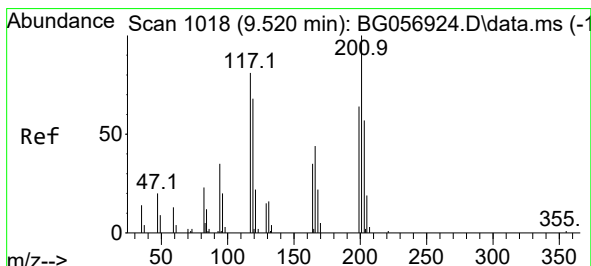
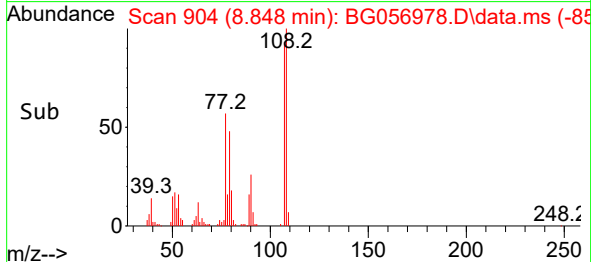
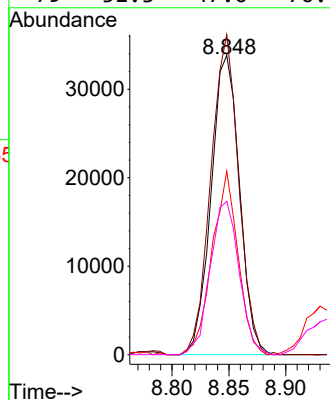
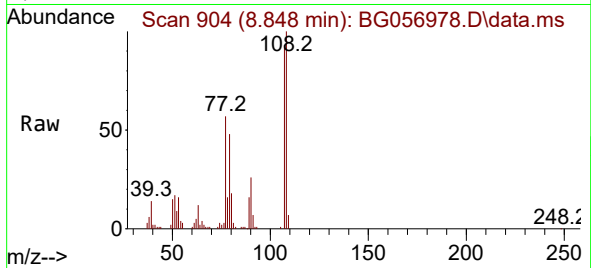
Ion Ratio Lower Upper

107 100

108 107.0 96.0 144.0

77 61.4 45.6 68.4

79 51.3 47.0 70.4



#18

Hexachloroethane

Concen: 46.703 ng

RT: 9.518 min Scan# 1018

Delta R.T. -0.003 min

Lab File: BG056978.D

Acq: 4 Apr 2023 23:46

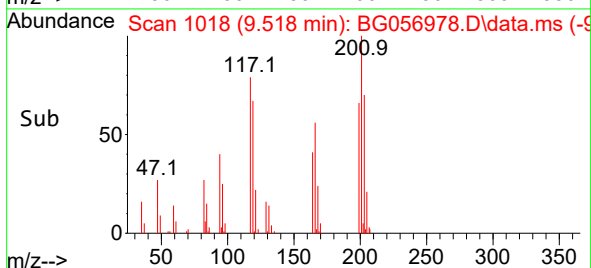
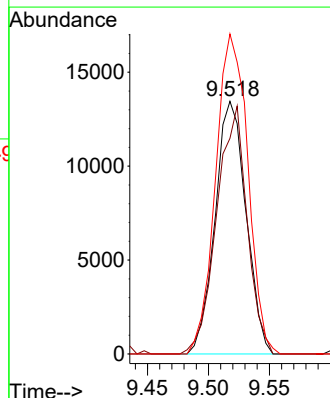
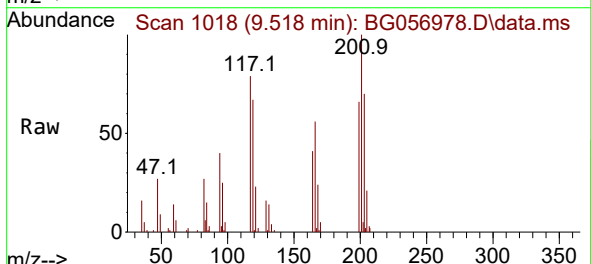
Tgt Ion:117 Resp: 23804

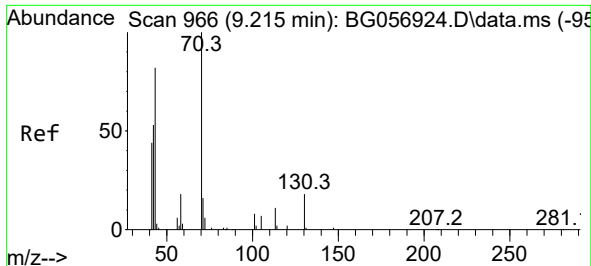
Ion Ratio Lower Upper

117 100

119 85.4 67.0 100.6

201 126.7 98.7 148.1

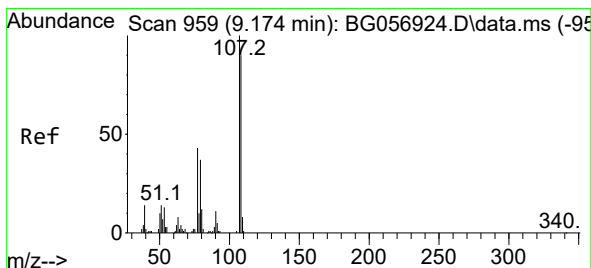
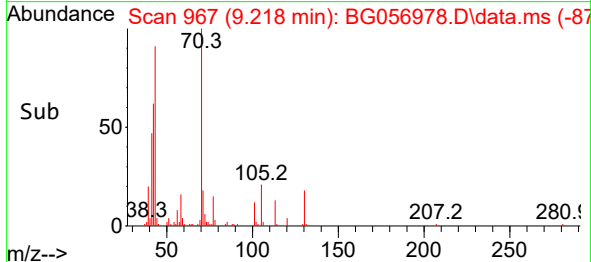
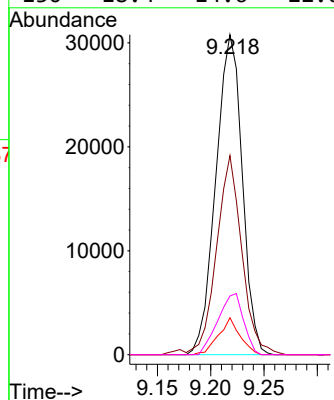
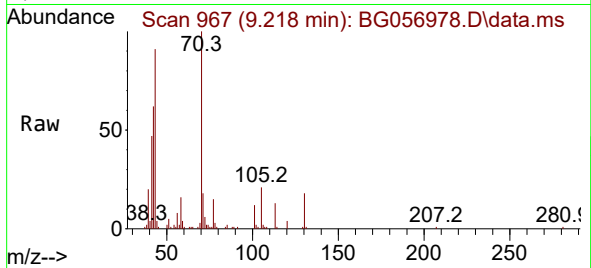




#19  
n-Nitroso-di-n-propylamine  
Concen: 39.403 ng  
RT: 9.218 min Scan# 90  
Delta R.T. 0.003 min  
Lab File: BG056978.D  
Acq: 4 Apr 2023 23:46

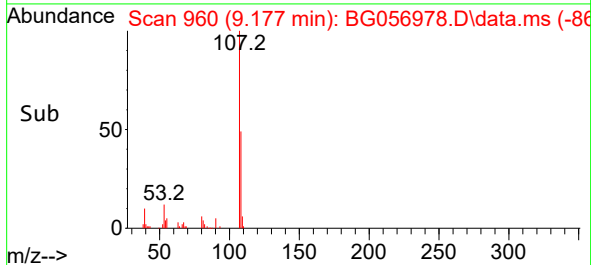
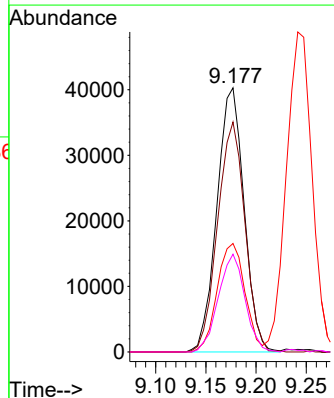
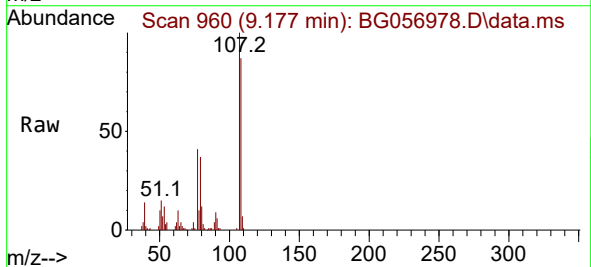
Instrument :  
BNA\_G  
ClientSampleId :  
TR-04-040323MS

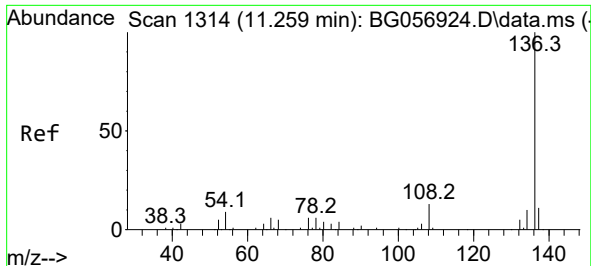
Tgt Ion: 70 Resp: 52918  
Ion Ratio Lower Upper  
70 100  
42 62.2 43.4 65.0  
101 11.5 6.2 9.2#  
130 18.4 14.6 22.0



#20  
3+4-Methylphenols  
Concen: 40.810 ng  
RT: 9.177 min Scan# 960  
Delta R.T. 0.003 min  
Lab File: BG056978.D  
Acq: 4 Apr 2023 23:46

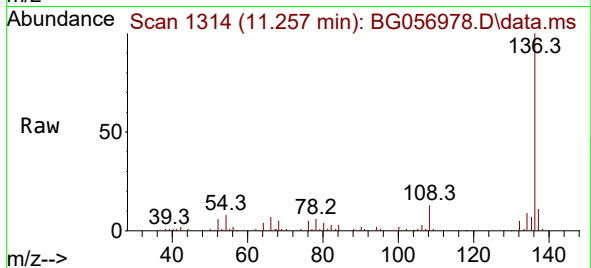
Tgt Ion: 107 Resp: 75745  
Ion Ratio Lower Upper  
107 100  
108 87.0 69.9 109.9  
77 41.1 22.7 62.7  
79 37.0 16.5 56.5



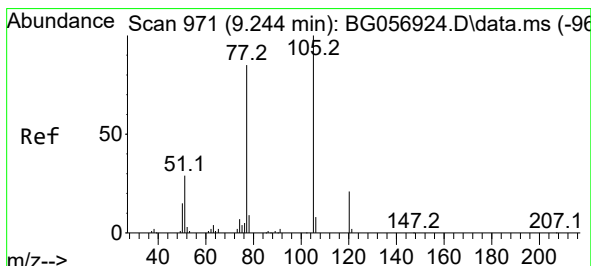
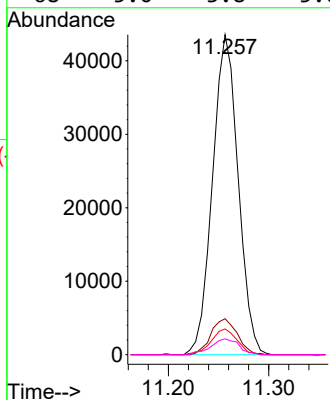
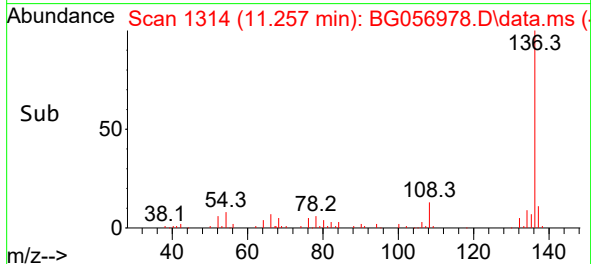


#21  
Naphthalene-d8  
Concen: 20.000 ng  
RT: 11.257 min Scan# 11  
Delta R.T. -0.003 min  
Lab File: BG056978.D  
Acq: 4 Apr 2023 23:46

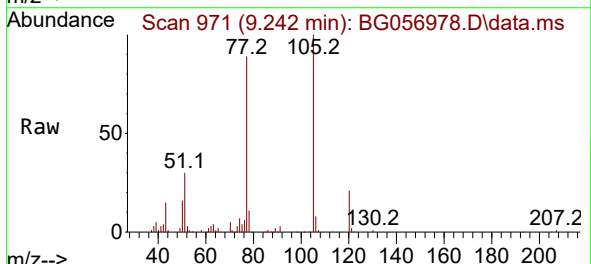
Instrument :  
BNA\_G  
ClientSampleId :  
TR-04-040323MS



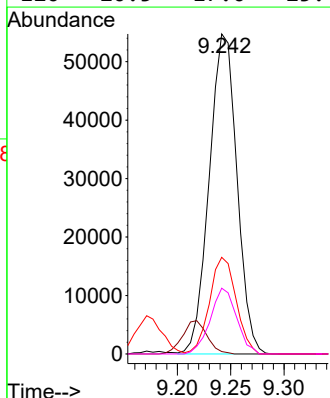
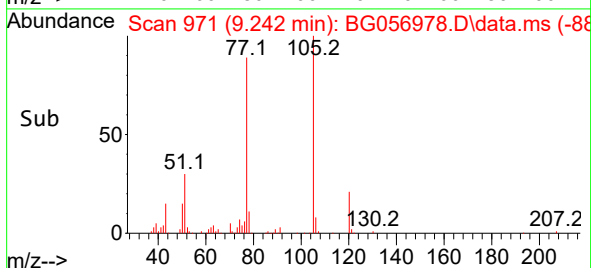
Tgt Ion:136 Resp: 77104  
Ion Ratio Lower Upper  
136 100  
137 11.3 8.6 13.0  
54 8.1 6.9 10.3  
68 5.0 3.8 5.6

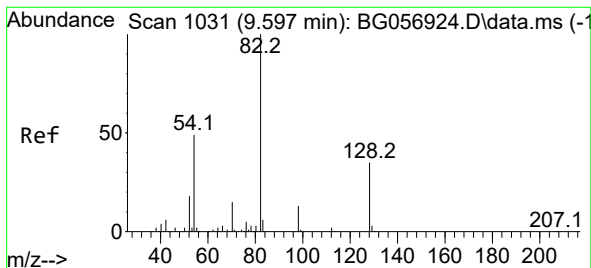


#22  
Acetophenone  
Concen: 43.116 ng  
RT: 9.242 min Scan# 971  
Delta R.T. -0.003 min  
Lab File: BG056978.D  
Acq: 4 Apr 2023 23:46



Tgt Ion:105 Resp: 98921  
Ion Ratio Lower Upper  
105 100  
71 0.7 0.7 1.1  
51 30.2 23.8 35.8  
120 20.5 17.0 25.4





#23

Nitrobenzene-d5

Concen: 58.283 ng

RT: 9.594 min Scan# 1031

Delta R.T. -0.003 min

Lab File: BG056978.D

Acq: 4 Apr 2023 23:46

Instrument :

BNA\_G

ClientSampleId :

TR-04-040323MS

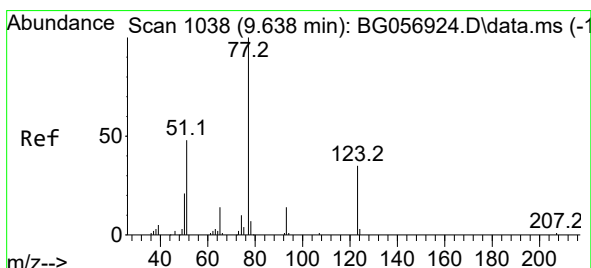
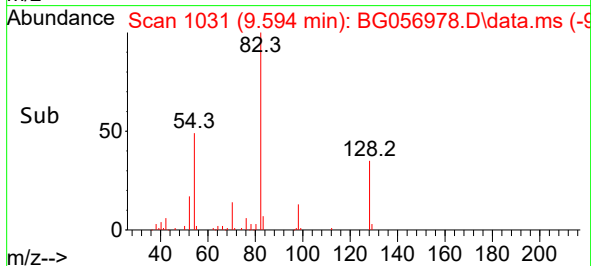
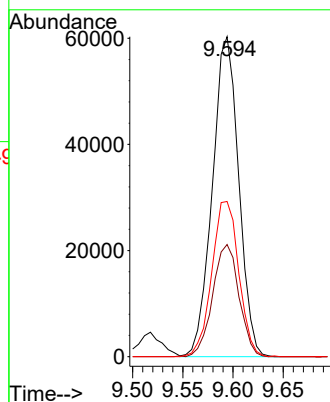
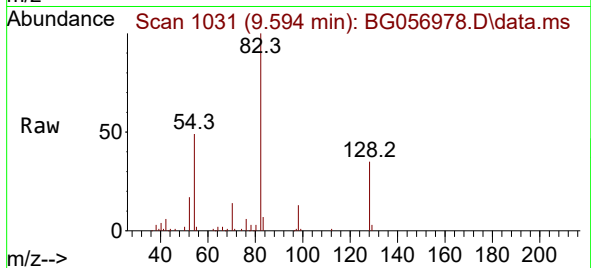
Tgt Ion: 82 Resp: 109826

Ion Ratio Lower Upper

82 100

128 35.1 27.9 41.9

54 48.5 39.4 59.2



#24

Nitrobenzene

Concen: 42.968 ng

RT: 9.635 min Scan# 1038

Delta R.T. -0.003 min

Lab File: BG056978.D

Acq: 4 Apr 2023 23:46

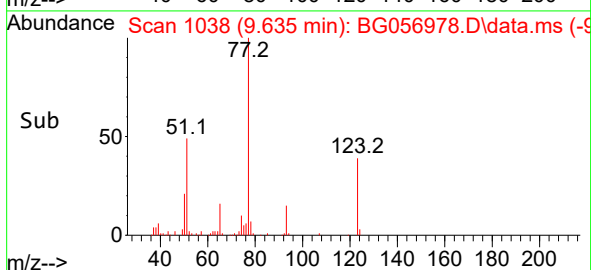
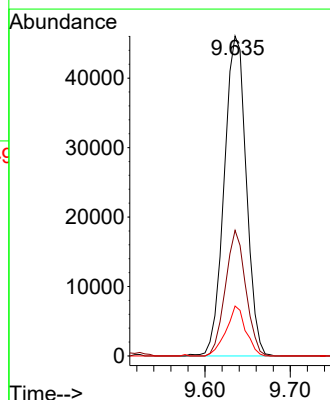
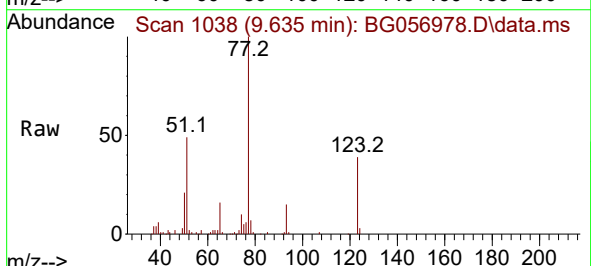
Tgt Ion: 77 Resp: 82780

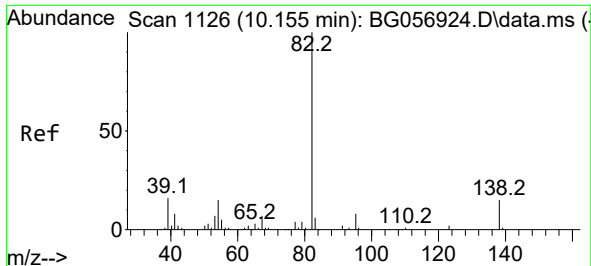
Ion Ratio Lower Upper

77 100

123 39.2 27.6 41.4

65 15.6 11.5 17.3

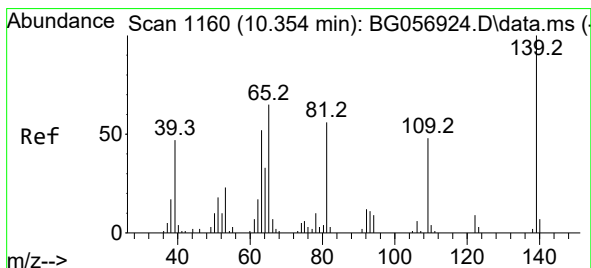
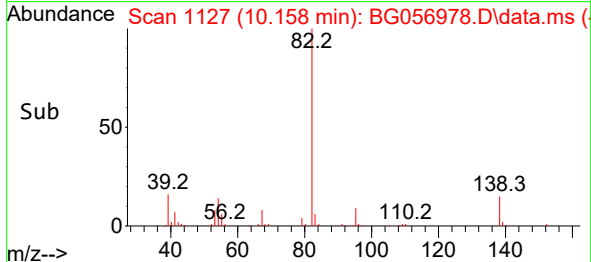
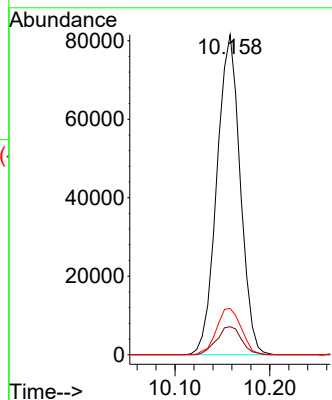
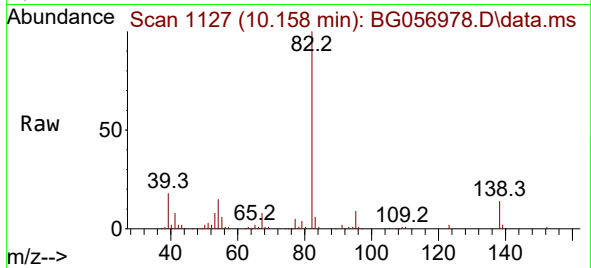




#25  
Isophorone  
Concen: 38.829 ng  
RT: 10.158 min Scan# 1126  
Delta R.T. 0.003 min  
Lab File: BG056978.D  
Acq: 4 Apr 2023 23:46

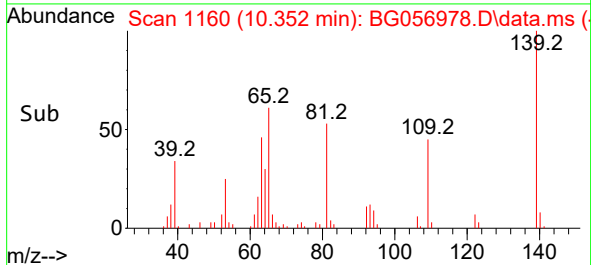
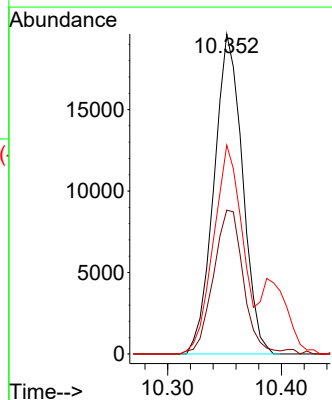
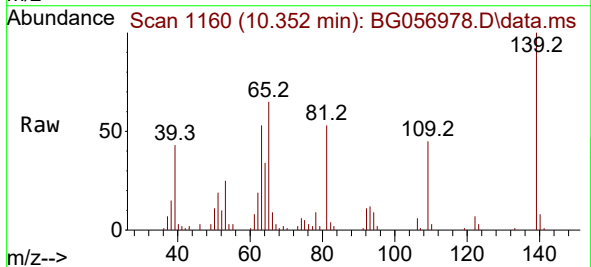
Instrument :  
BNA\_G  
ClientSampleId :  
TR-04-040323MS

Tgt Ion: 82 Resp: 139333  
Ion Ratio Lower Upper  
82 100  
95 8.8 6.3 9.5  
138 14.5 11.8 17.8

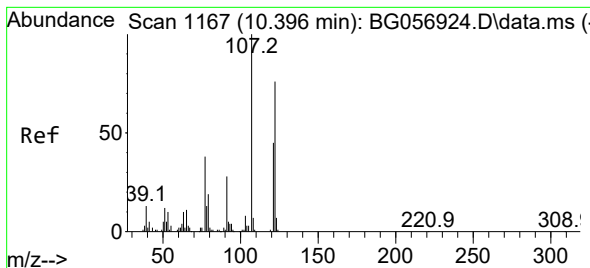


#26  
2-Nitrophenol  
Concen: 45.934 ng  
RT: 10.352 min Scan# 1160  
Delta R.T. -0.003 min  
Lab File: BG056978.D  
Acq: 4 Apr 2023 23:46

Tgt Ion:139 Resp: 34158  
Ion Ratio Lower Upper  
139 100  
109 45.0 38.2 57.4  
65 65.2 51.8 77.8



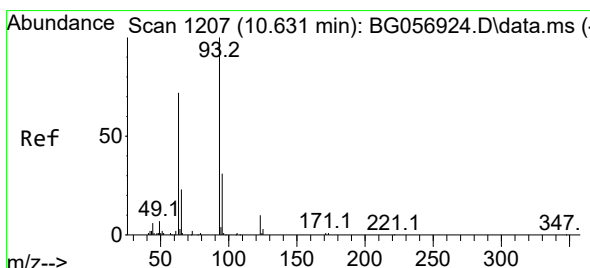
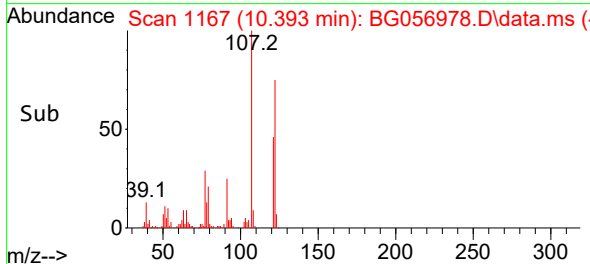
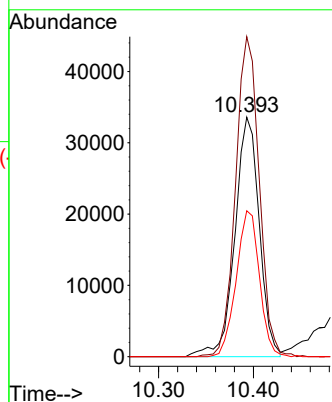
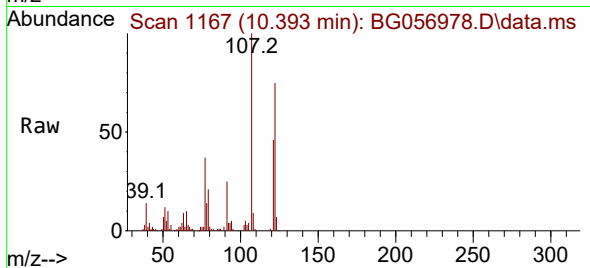




#27  
2,4-Dimethylphenol  
Concen: 45.708 ng  
RT: 10.393 min Scan# 1167  
Delta R.T. -0.003 min  
Lab File: BG056978.D  
Acq: 4 Apr 2023 23:46

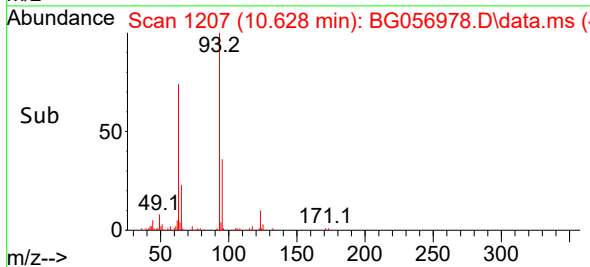
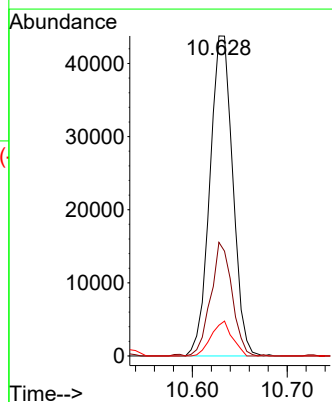
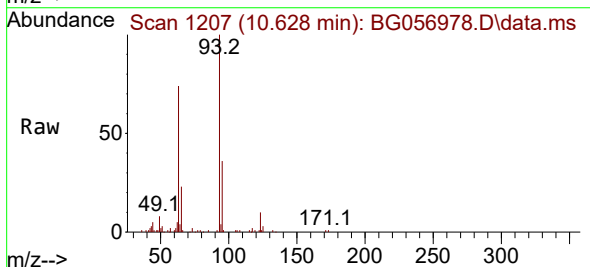
Instrument :  
BNA\_G  
ClientSampleId :  
TR-04-040323MS

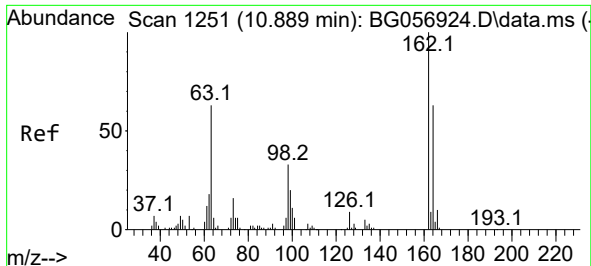
Tgt Ion:122 Resp: 60012  
Ion Ratio Lower Upper  
122 100  
107 133.6 105.7 158.5  
121 60.9 48.0 72.0



#28  
bis(2-Chloroethoxy)methane  
Concen: 40.897 ng  
RT: 10.628 min Scan# 1207  
Delta R.T. -0.003 min  
Lab File: BG056978.D  
Acq: 4 Apr 2023 23:46

Tgt Ion: 93 Resp: 73470  
Ion Ratio Lower Upper  
93 100  
95 35.5 24.6 37.0  
123 9.6 7.8 11.6





#29

2,4-Dichlorophenol

Concen: 46.148 ng

RT: 10.892 min Scan# 1

Delta R.T. 0.003 min

Lab File: BG056978.D

Acq: 4 Apr 2023 23:46

Instrument :

BNA\_G

ClientSampleId :

TR-04-040323MS

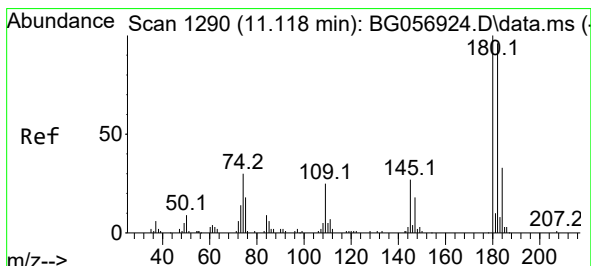
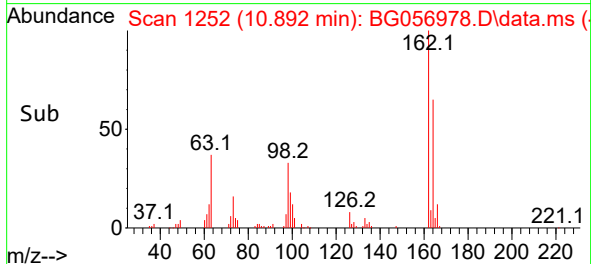
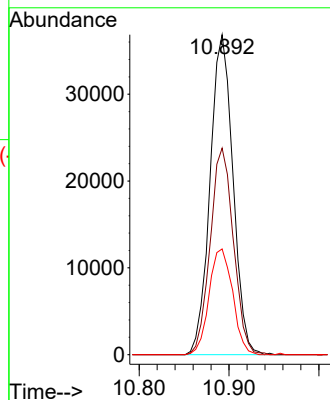
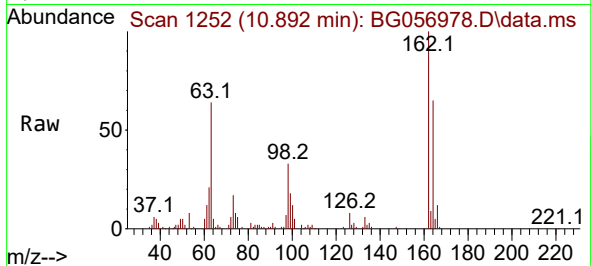
Tgt Ion:162 Resp: 65162

Ion Ratio Lower Upper

162 100

164 64.6 43.4 83.4

98 33.0 12.5 52.5



#30

1,2,4-Trichlorobenzene

Concen: 47.367 ng

RT: 11.110 min Scan# 1289

Delta R.T. -0.009 min

Lab File: BG056978.D

Acq: 4 Apr 2023 23:46

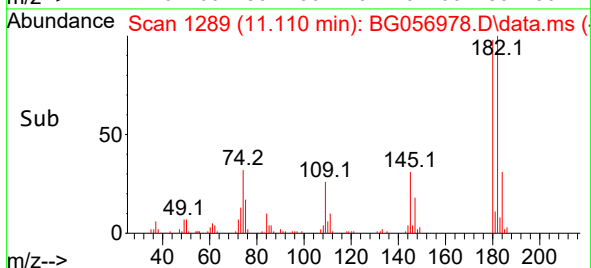
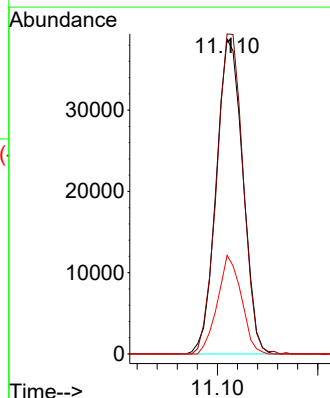
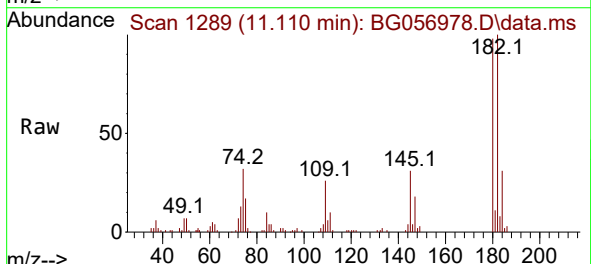
Tgt Ion:180 Resp: 71065

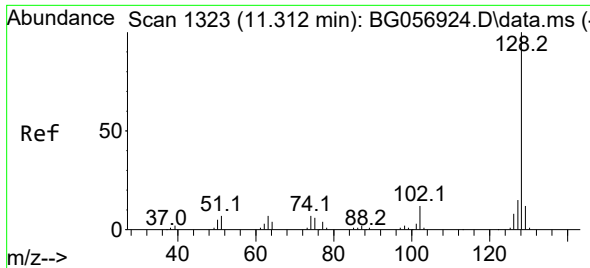
Ion Ratio Lower Upper

180 100

182 101.7 77.1 115.7

145 31.3 21.3 31.9

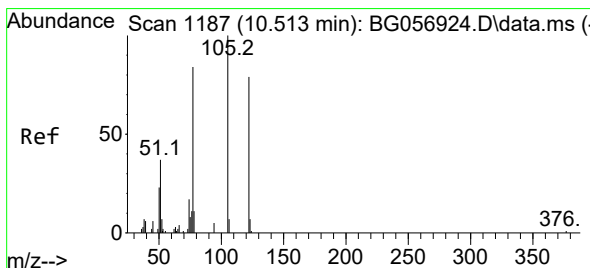
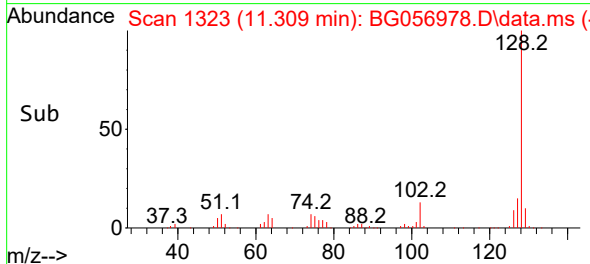
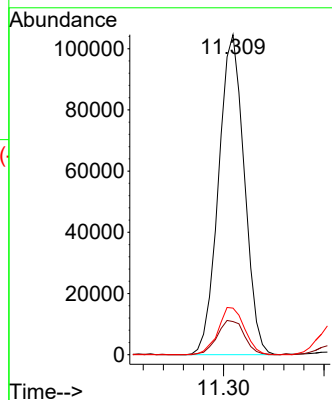
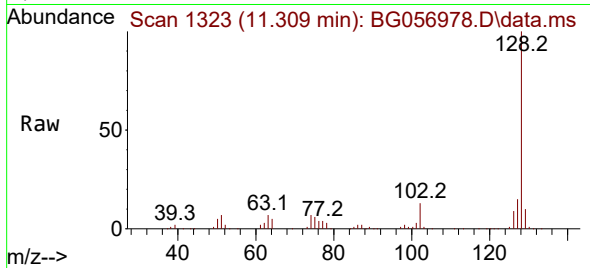




#31  
Naphthalene  
Concen: 44.287 ng  
RT: 11.309 min Scan# 1190  
Delta R.T. -0.003 min  
Lab File: BG056978.D  
Acq: 4 Apr 2023 23:46

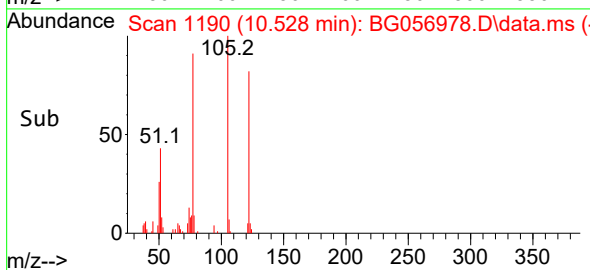
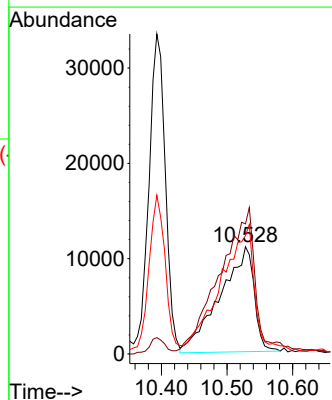
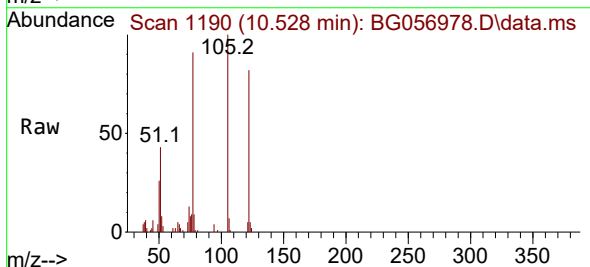
Instrument :  
BNA\_G  
ClientSampleId :  
TR-04-040323MS

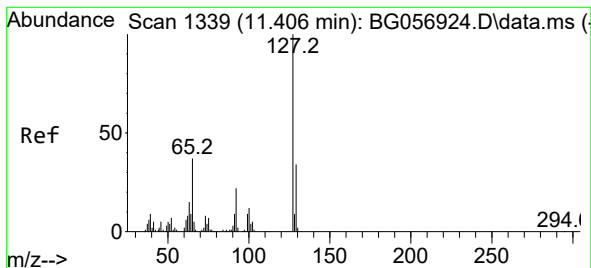
Tgt Ion:128 Resp: 186126  
Ion Ratio Lower Upper  
128 100  
129 10.4 9.4 14.2  
127 14.5 12.2 18.4



#32  
Benzoic acid  
Concen: 44.123 ng  
RT: 10.528 min Scan# 1190  
Delta R.T. 0.015 min  
Lab File: BG056978.D  
Acq: 4 Apr 2023 23:46

Tgt Ion:122 Resp: 39794  
Ion Ratio Lower Upper  
122 100  
105 121.4 105.4 145.4  
77 110.3 87.4 127.4

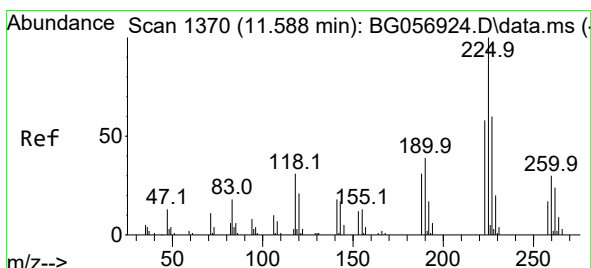
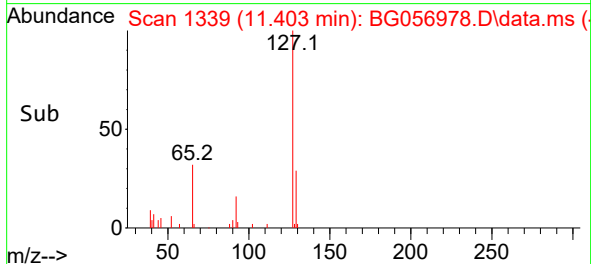
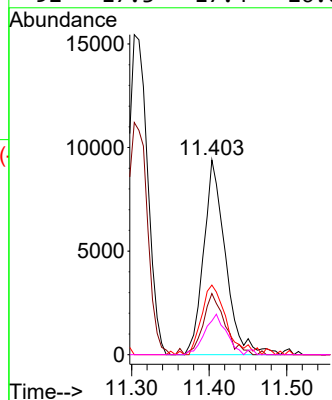
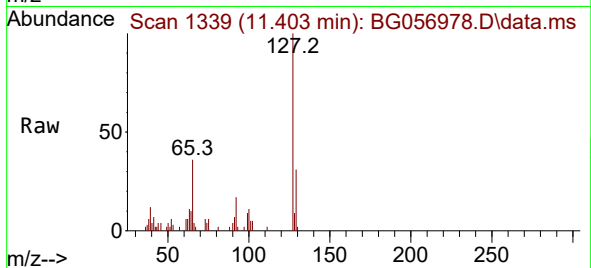




#33  
4-Chloroaniline  
Concen: 9.713 ng  
RT: 11.403 min Scan# 1139  
Delta R.T. -0.003 min  
Lab File: BG056978.D  
Acq: 4 Apr 2023 23:46

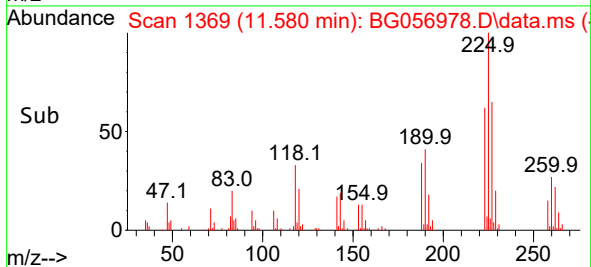
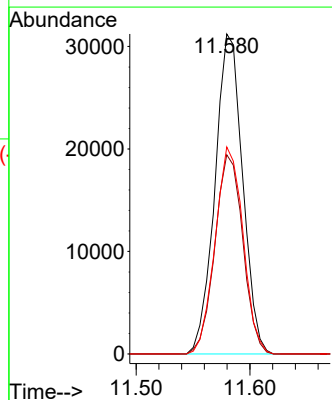
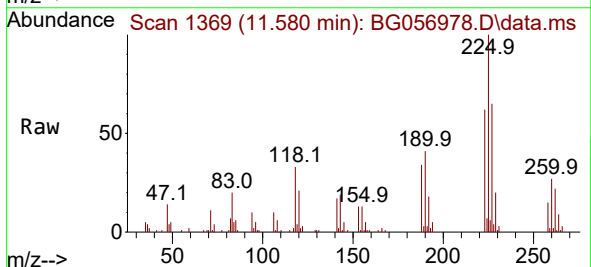
Instrument :  
BNA\_G  
ClientSampleId :  
TR-04-040323MS

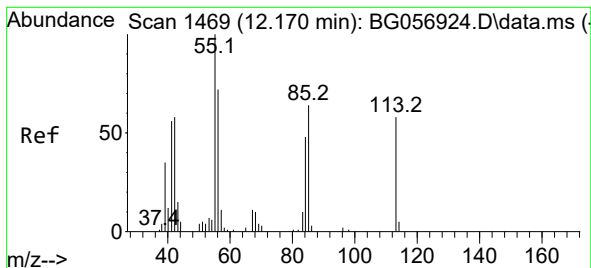
|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 127   | Resp: | 18437 |
| Ion Ratio | Lower | Upper |       |
| 127       | 100   |       |       |
| 129       | 31.4  | 27.6  | 41.4  |
| 65        | 35.8  | 29.8  | 44.8  |
| 92        | 17.3  | 17.4  | 26.0  |



#34  
Hexachlorobutadiene  
Concen: 46.770 ng  
RT: 11.580 min Scan# 1369  
Delta R.T. -0.009 min  
Lab File: BG056978.D  
Acq: 4 Apr 2023 23:46

|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 225   | Resp: | 52710 |
| Ion Ratio | Lower | Upper |       |
| 225       | 100   |       |       |
| 223       | 62.3  | 46.4  | 69.6  |
| 227       | 64.7  | 48.0  | 72.0  |





#35

Caprolactam

Concen: 29.639 ng

RT: 12.167 min Scan# 1469

Delta R.T. -0.003 min

Lab File: BG056978.D

Acq: 4 Apr 2023 23:46

Instrument :

BNA\_G

ClientSampleId :

TR-04-040323MS

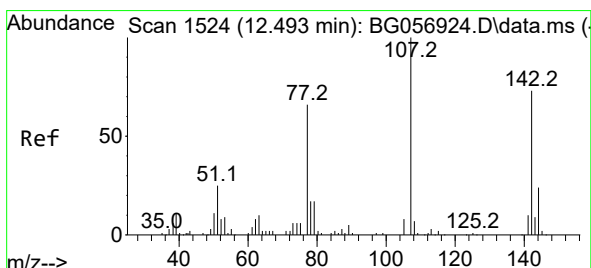
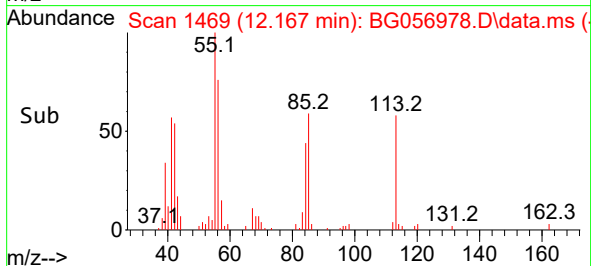
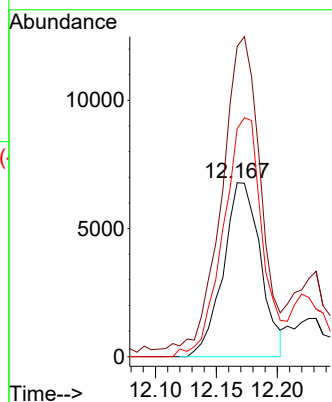
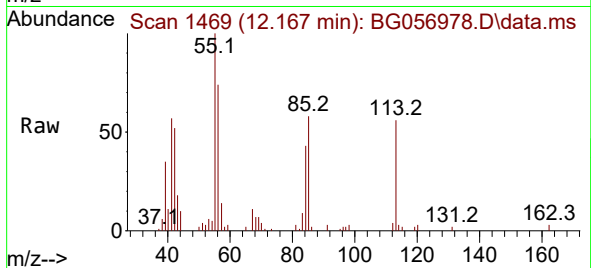
Tgt Ion:113 Resp: 14433

Ion Ratio Lower Upper

113 100

55 178.4 151.6 191.6

56 131.1 103.7 143.7



#36

4-Chloro-3-methylphenol

Concen: 41.431 ng

RT: 12.496 min Scan# 1525

Delta R.T. 0.003 min

Lab File: BG056978.D

Acq: 4 Apr 2023 23:46

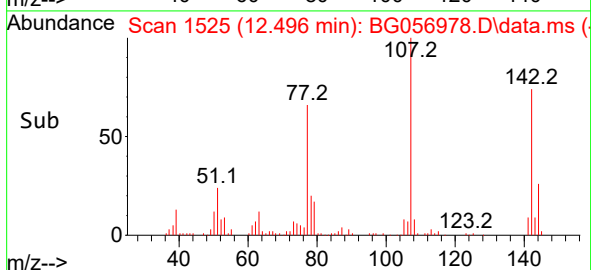
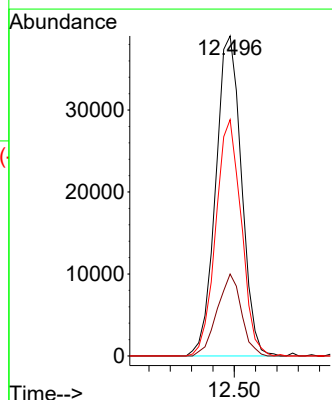
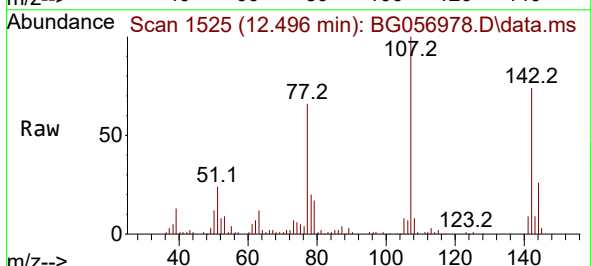
Tgt Ion:107 Resp: 65423

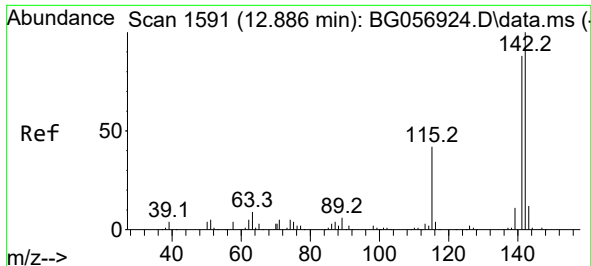
Ion Ratio Lower Upper

107 100

144 25.6 19.0 28.4

142 73.9 58.6 88.0





#37

2-Methylnaphthalene

Concen: 41.055 ng

RT: 12.884 min Scan# 1591

Delta R.T. -0.003 min

Lab File: BG056978.D

Acq: 4 Apr 2023 23:46

Instrument :

BNA\_G

ClientSampleId :

TR-04-040323MS

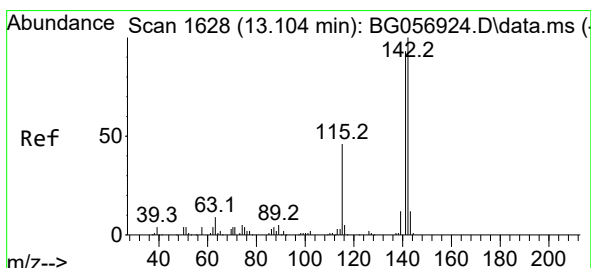
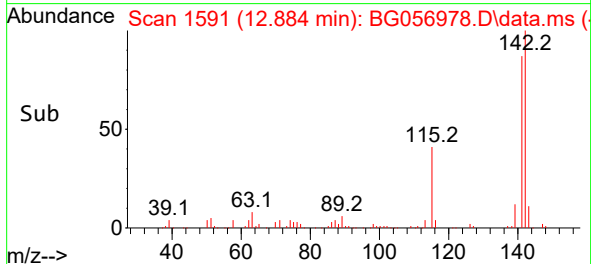
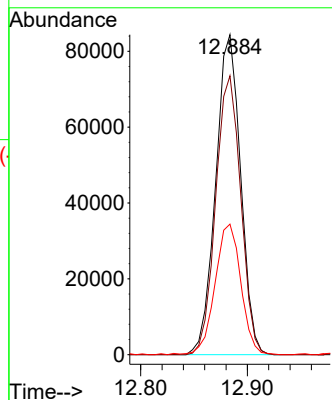
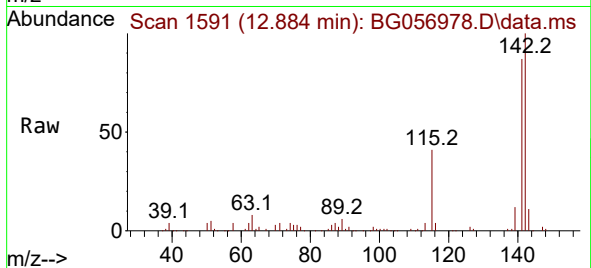
Tgt Ion:142 Resp: 136939

Ion Ratio Lower Upper

142 100

141 87.2 70.3 105.5

115 40.8 33.5 50.3



#38

1-Methylnaphthalene

Concen: 40.442 ng

RT: 13.101 min Scan# 1628

Delta R.T. -0.003 min

Lab File: BG056978.D

Acq: 4 Apr 2023 23:46

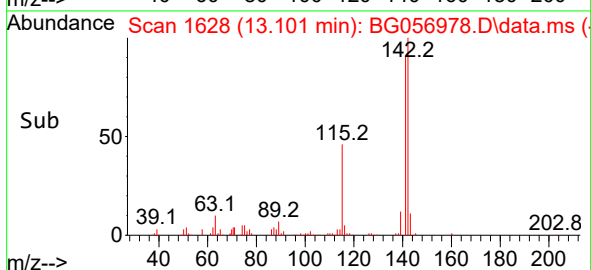
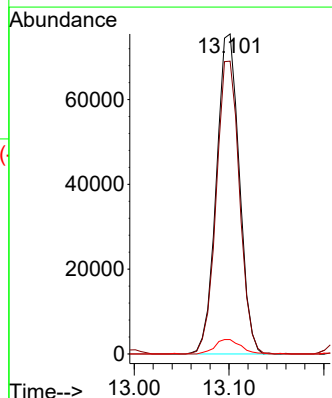
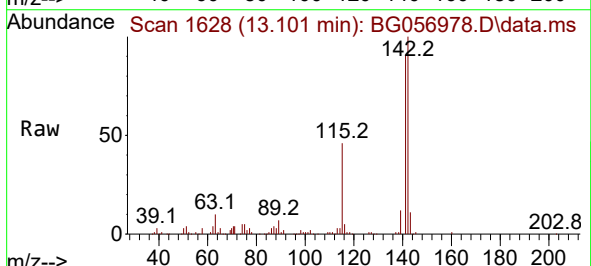
Tgt Ion:142 Resp: 126667

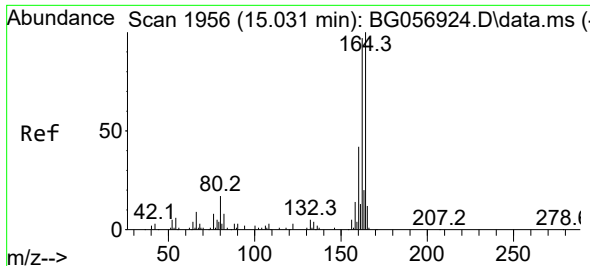
Ion Ratio Lower Upper

142 100

141 91.5 74.0 111.0

116 4.5 3.7 5.5

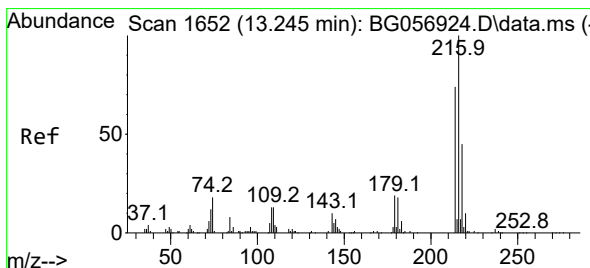
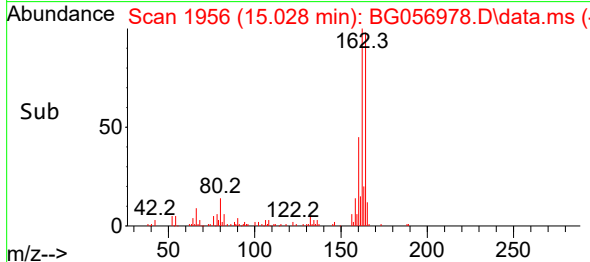
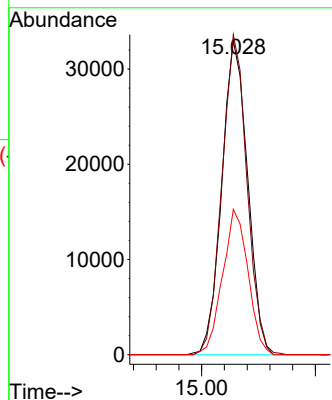
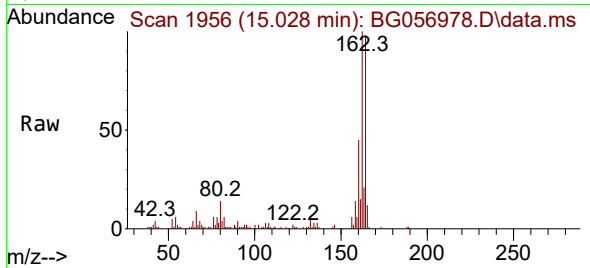




#39  
Acenaphthene-d10  
Concen: 20.000 ng  
RT: 15.028 min Scan# 1956  
Delta R.T. -0.003 min  
Lab File: BG056978.D  
Acq: 4 Apr 2023 23:46

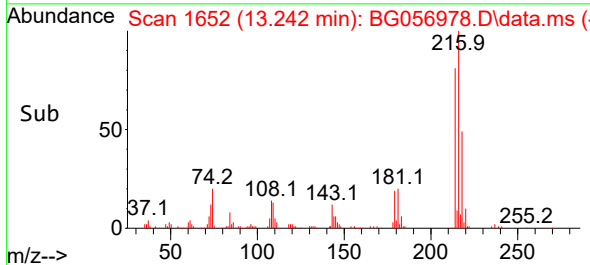
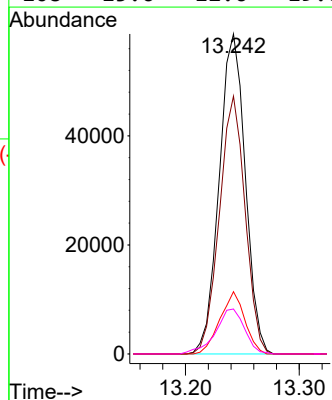
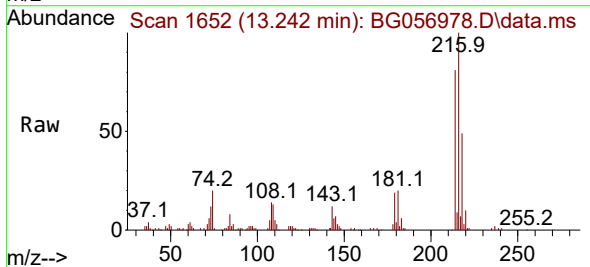
Instrument :  
BNA\_G  
ClientSampleId :  
TR-04-040323MS

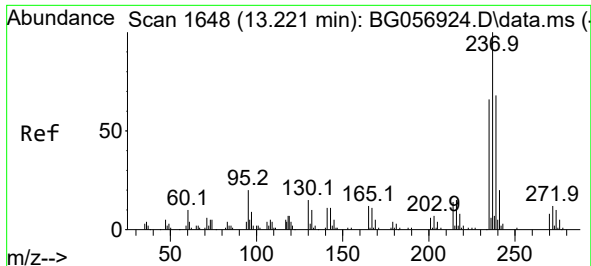
Tgt Ion:164 Resp: 51828  
Ion Ratio Lower Upper  
164 100  
162 101.9 77.8 116.8  
160 46.3 33.5 50.3



#40  
1,2,4,5-Tetrachlorobenzene  
Concen: 52.006 ng  
RT: 13.242 min Scan# 1652  
Delta R.T. -0.003 min  
Lab File: BG056978.D  
Acq: 4 Apr 2023 23:46

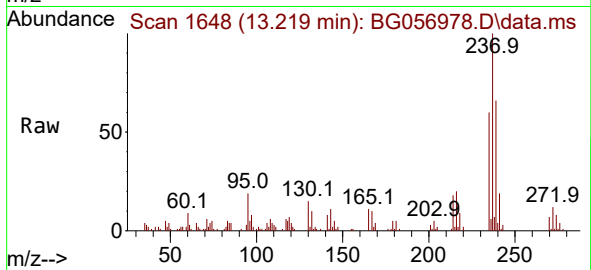
Tgt Ion:216 Resp: 93467  
Ion Ratio Lower Upper  
216 100  
214 79.3 63.3 94.9  
179 18.6 15.0 22.6  
108 15.6 12.6 19.0



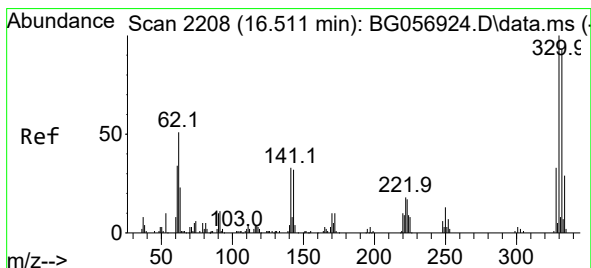
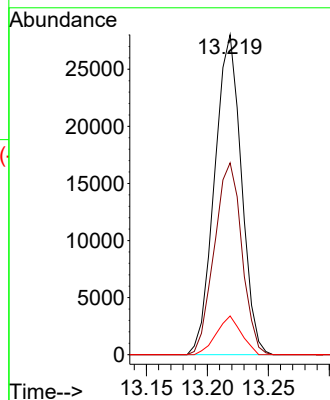
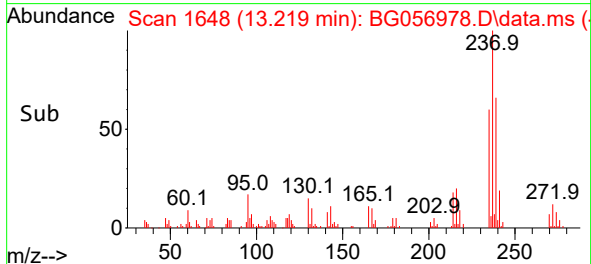


#41  
Hexachlorocyclopentadiene  
Concen: 43.262 ng  
RT: 13.219 min Scan# 1  
Delta R.T. -0.003 min  
Lab File: BG056978.D  
Acq: 4 Apr 2023 23:46

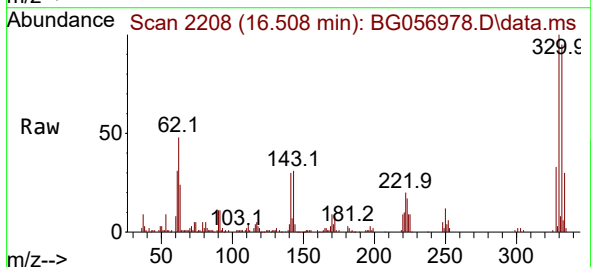
Instrument :  
BNA\_G  
ClientSampleId :  
TR-04-040323MS



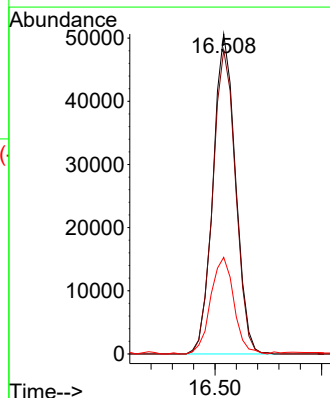
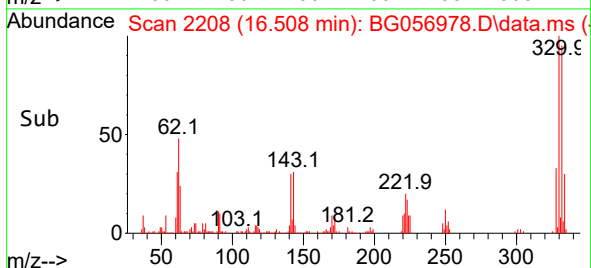
Tgt Ion:237 Resp: 42840  
Ion Ratio Lower Upper  
237 100  
235 59.9 45.9 85.9  
272 12.1 0.0 32.3



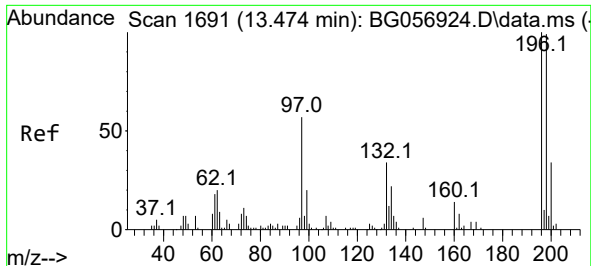
#42  
2,4,6-Tribromophenol  
Concen: 89.290 ng  
RT: 16.508 min Scan# 2208  
Delta R.T. -0.003 min  
Lab File: BG056978.D  
Acq: 4 Apr 2023 23:46



Tgt Ion:330 Resp: 73929  
Ion Ratio Lower Upper  
330 100  
332 96.3 76.1 114.1  
141 31.2 25.8 38.6



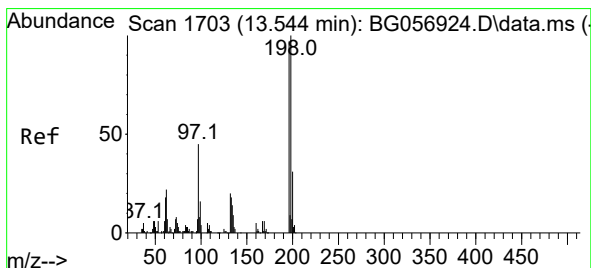
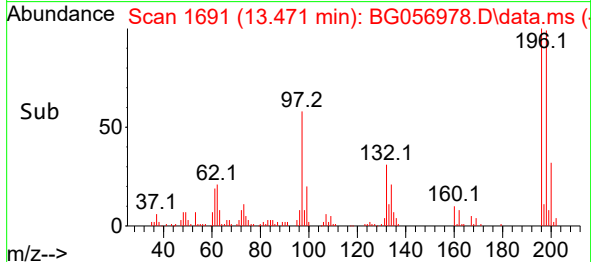
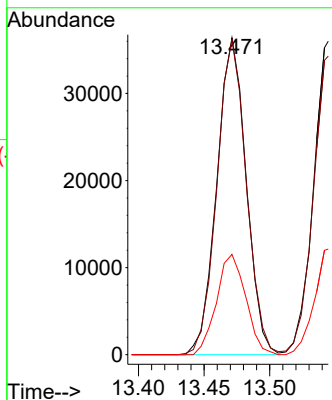
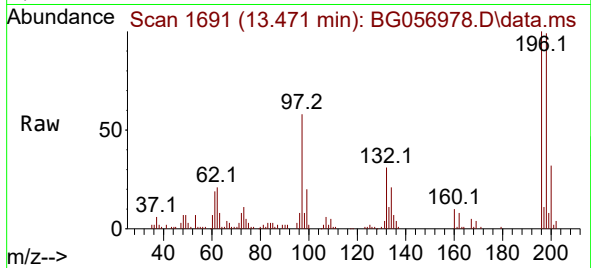




#43  
2,4,6-Trichlorophenol  
Concen: 49.322 ng  
RT: 13.471 min Scan# 1  
Delta R.T. -0.003 min  
Lab File: BG056978.D  
Acq: 4 Apr 2023 23:46

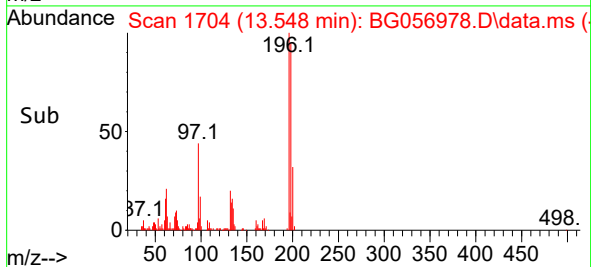
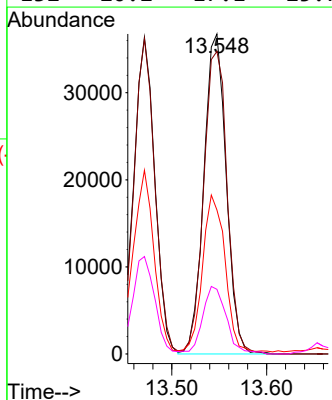
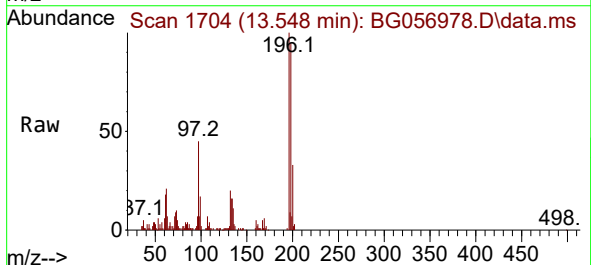
Instrument :  
BNA\_G  
ClientSampleId :  
TR-04-040323MS

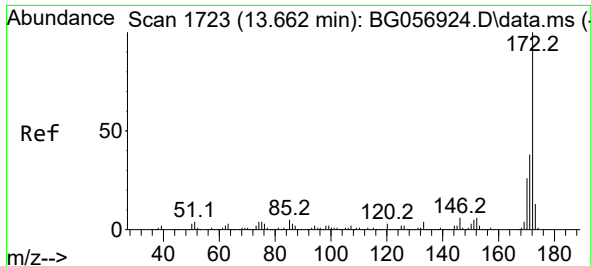
Tgt Ion:196 Resp: 56567  
Ion Ratio Lower Upper  
196 100  
198 99.5 79.1 118.7  
200 31.7 27.2 40.8



#44  
2,4,5-Trichlorophenol  
Concen: 44.515 ng  
RT: 13.548 min Scan# 1704  
Delta R.T. 0.003 min  
Lab File: BG056978.D  
Acq: 4 Apr 2023 23:46

Tgt Ion:196 Resp: 60482  
Ion Ratio Lower Upper  
196 100  
198 94.6 82.5 123.7  
97 45.0 37.0 55.6  
132 20.2 17.1 25.7

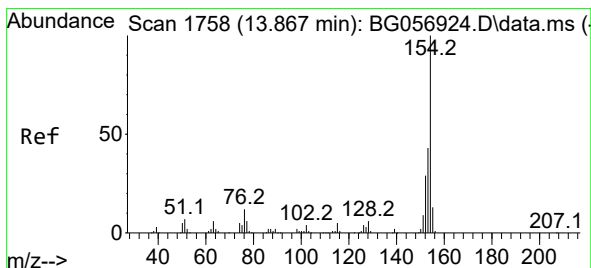
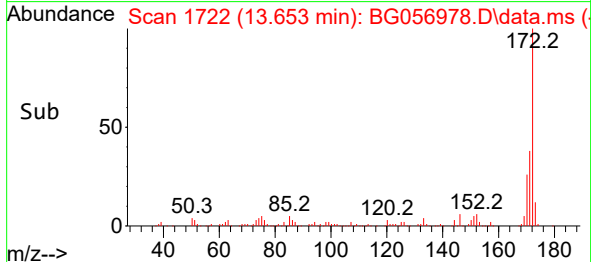
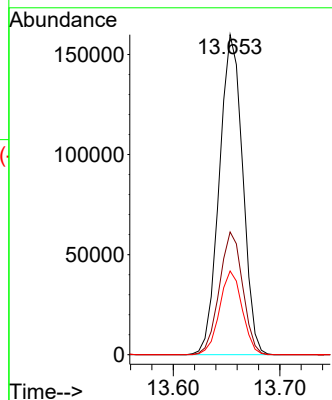
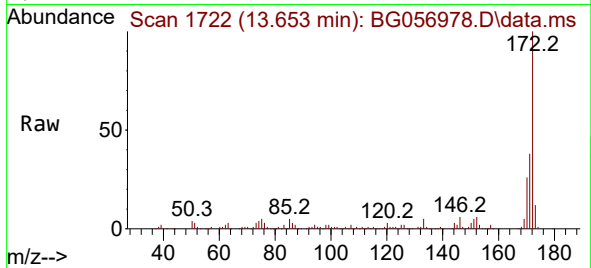




#45  
2-Fluorobiphenyl  
Concen: 63.650 ng  
RT: 13.653 min Scan# 1722  
Delta R.T. -0.008 min  
Lab File: BG056978.D  
Acq: 4 Apr 2023 23:46

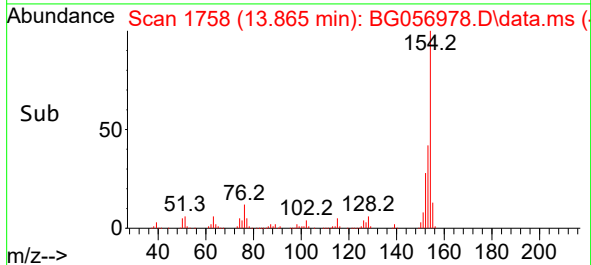
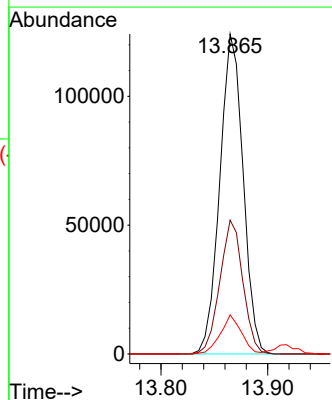
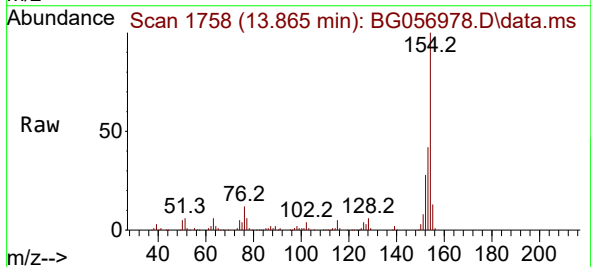
Instrument :  
BNA\_G  
ClientSampleId :  
TR-04-040323MS

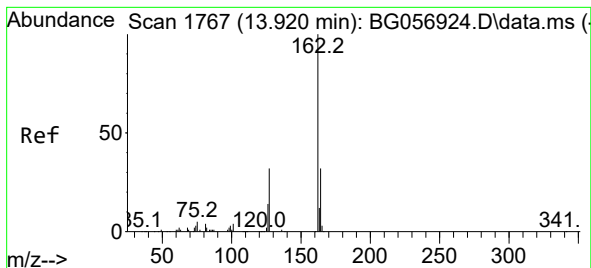
Tgt Ion:172 Resp: 243278  
Ion Ratio Lower Upper  
172 100  
171 38.4 30.6 46.0  
170 26.1 20.6 30.8



#46  
1,1'-Biphenyl  
Concen: 49.552 ng  
RT: 13.865 min Scan# 1758  
Delta R.T. -0.003 min  
Lab File: BG056978.D  
Acq: 4 Apr 2023 23:46

Tgt Ion:154 Resp: 187998  
Ion Ratio Lower Upper  
154 100  
153 41.8 23.4 63.4  
76 12.2 0.0 31.6

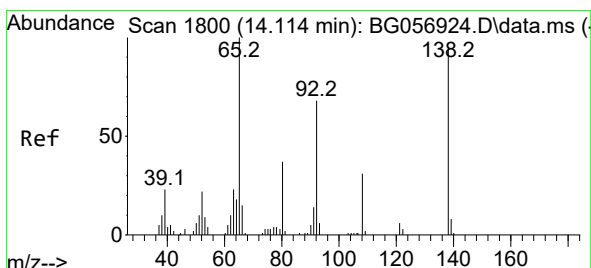
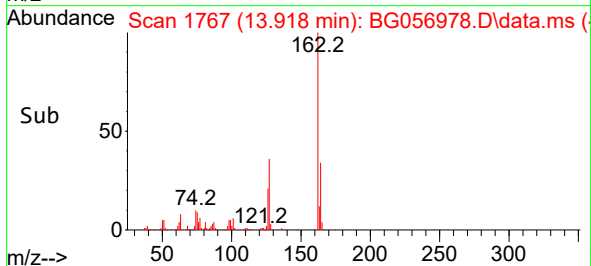
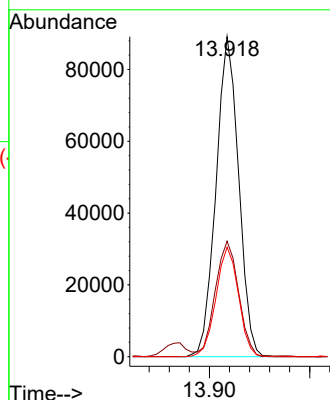
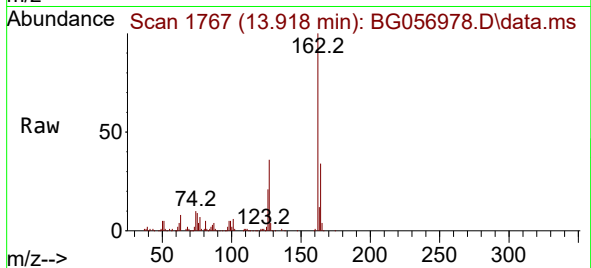




#47  
2-Chloronaphthalene  
Concen: 49.688 ng  
RT: 13.918 min Scan# 1767  
Delta R.T. -0.003 min  
Lab File: BG056978.D  
Acq: 4 Apr 2023 23:46

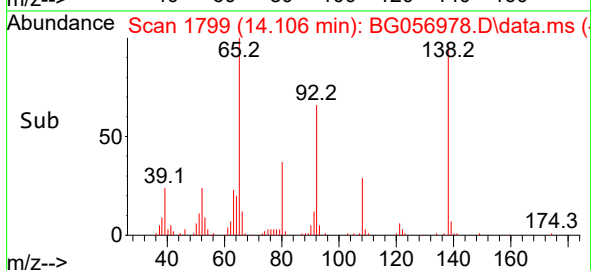
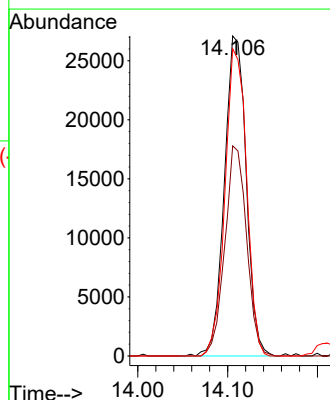
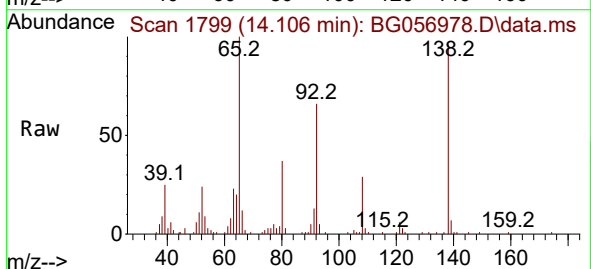
Instrument :  
BNA\_G  
ClientSampleId :  
TR-04-040323MS

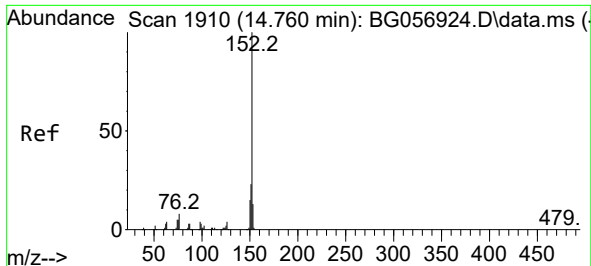
Tgt Ion:162 Resp: 139423  
Ion Ratio Lower Upper  
162 100  
127 36.1 29.5 44.3  
164 34.2 25.5 38.3



#48  
2-Nitroaniline  
Concen: 45.578 ng  
RT: 14.106 min Scan# 1799  
Delta R.T. -0.008 min  
Lab File: BG056978.D  
Acq: 4 Apr 2023 23:46

Tgt Ion: 65 Resp: 45730  
Ion Ratio Lower Upper  
65 100  
92 65.7 54.3 81.5  
138 96.0 76.0 114.0

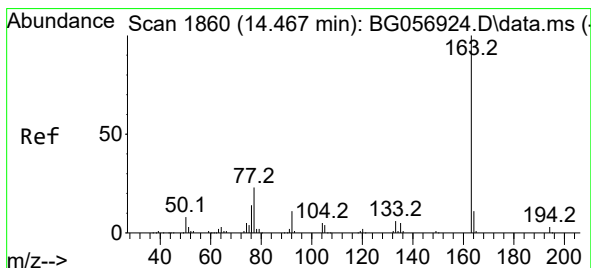
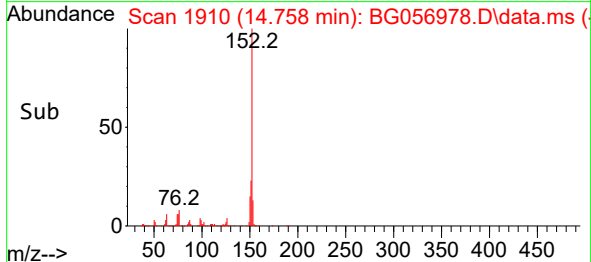
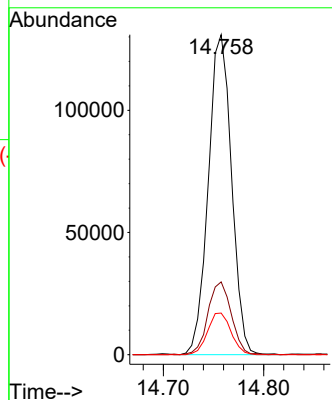
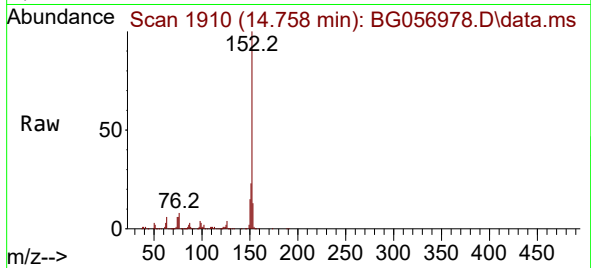




#49  
Acenaphthylene  
Concen: 45.794 ng  
RT: 14.758 min Scan# 1910  
Delta R.T. -0.003 min  
Lab File: BG056978.D  
Acq: 4 Apr 2023 23:46

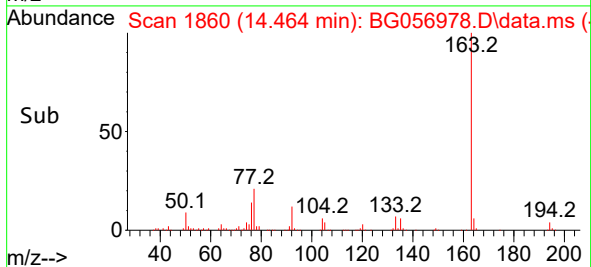
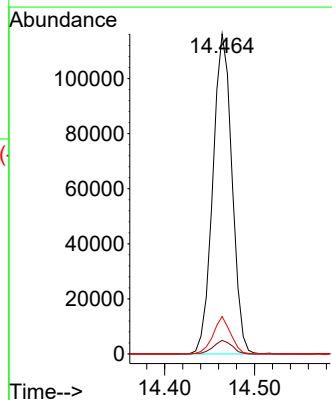
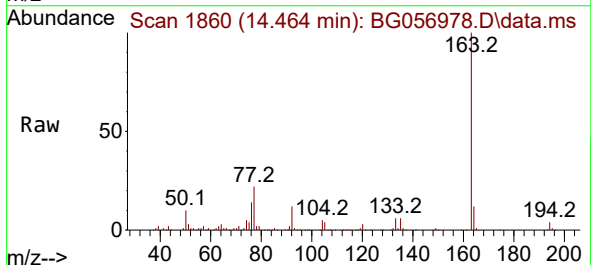
Instrument :  
BNA\_G  
ClientSampleId :  
TR-04-040323MS

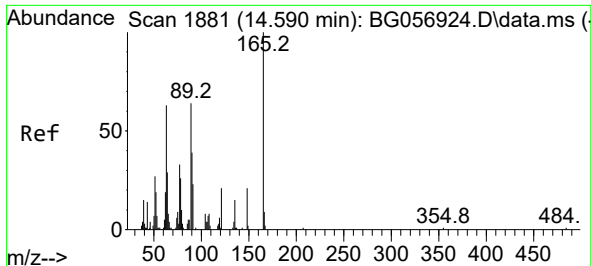
Tgt Ion:152 Resp: 211126  
Ion Ratio Lower Upper  
152 100  
151 22.7 18.2 27.2  
153 13.0 10.5 15.7



#50  
Dimethylphthalate  
Concen: 42.133 ng  
RT: 14.464 min Scan# 1860  
Delta R.T. -0.003 min  
Lab File: BG056978.D  
Acq: 4 Apr 2023 23:46

Tgt Ion:163 Resp: 172057  
Ion Ratio Lower Upper  
163 100  
194 4.3 2.8 4.2#  
164 11.7 8.8 13.2

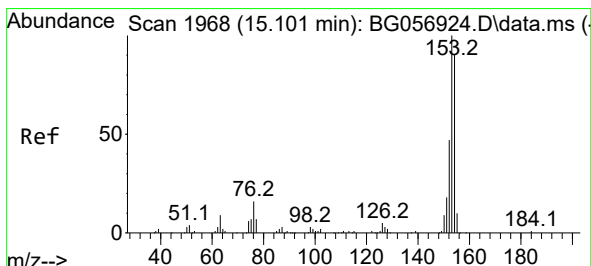
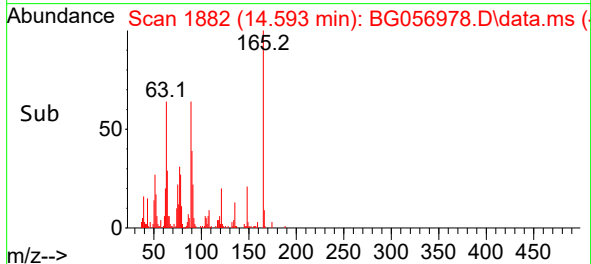
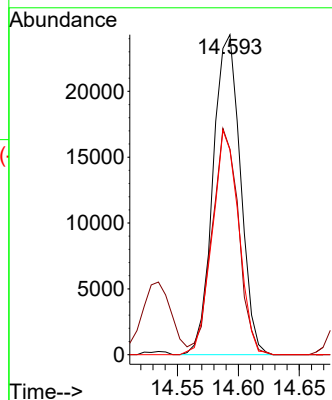
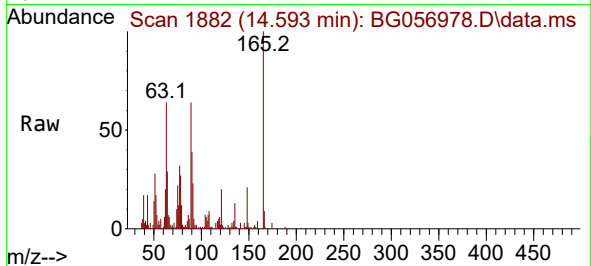




#51  
2,6-Dinitrotoluene  
Concen: 42.946 ng  
RT: 14.593 min Scan# 1881  
Delta R.T. 0.003 min  
Lab File: BG056978.D  
Acq: 4 Apr 2023 23:46

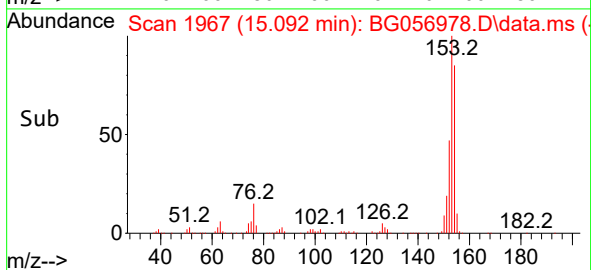
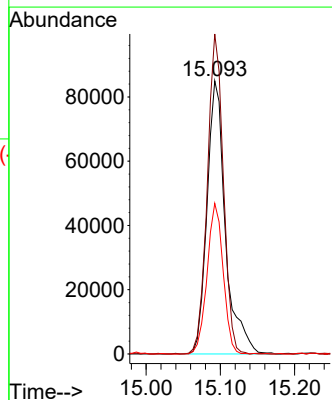
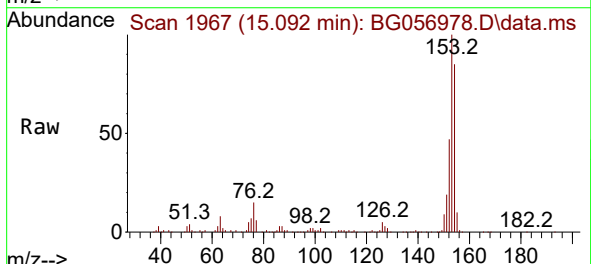
Instrument :  
BNA\_G  
ClientSampleId :  
TR-04-040323MS

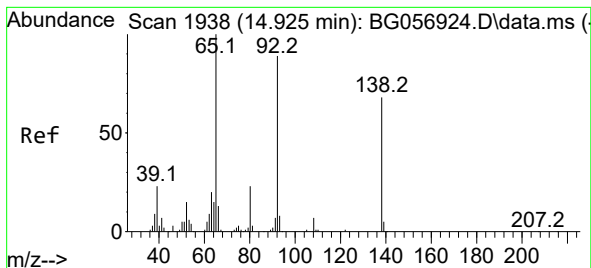
Tgt Ion:165 Resp: 37892  
Ion Ratio Lower Upper  
165 100  
63 64.2 53.0 79.6  
89 64.0 51.0 76.4



#52  
Acenaphthene  
Concen: 46.055 ng  
RT: 15.092 min Scan# 1967  
Delta R.T. -0.009 min  
Lab File: BG056978.D  
Acq: 4 Apr 2023 23:46

Tgt Ion:154 Resp: 146438  
Ion Ratio Lower Upper  
154 100  
153 117.2 88.9 133.3  
152 55.1 41.8 62.8

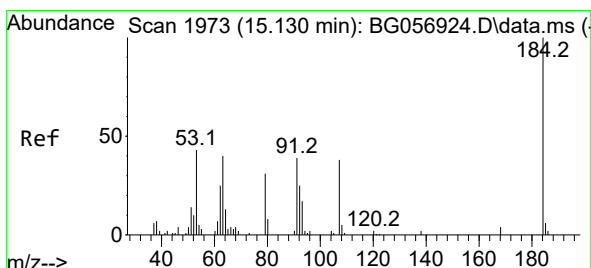
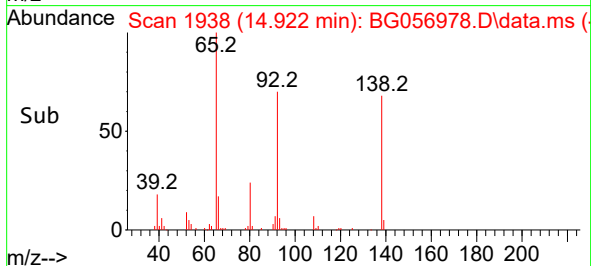
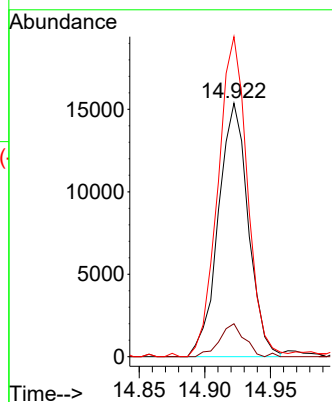
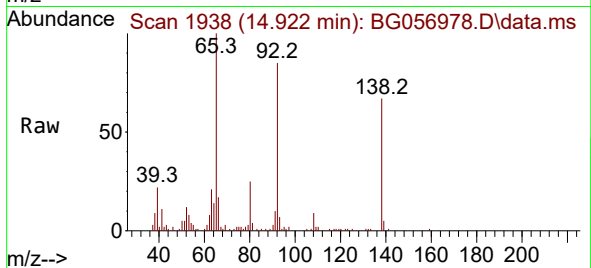




#53  
3-Nitroaniline  
Concen: 27.890 ng  
RT: 14.922 min Scan# 1938  
Delta R.T. -0.003 min  
Lab File: BG056978.D  
Acq: 4 Apr 2023 23:46

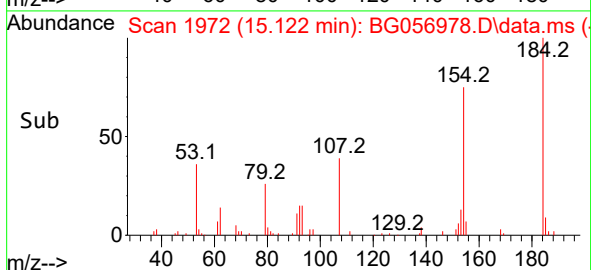
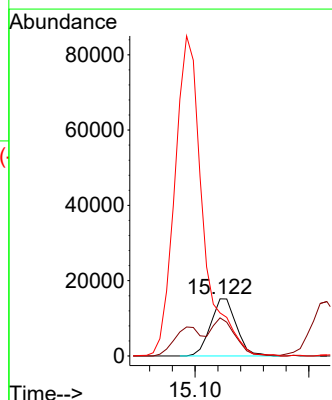
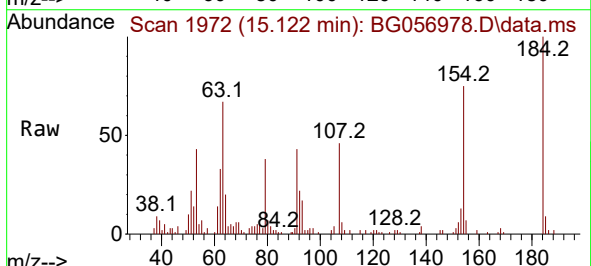
Instrument :  
BNA\_G  
ClientSampleId :  
TR-04-040323MS

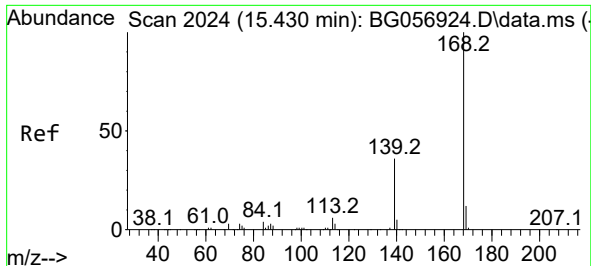
Tgt Ion:138 Resp: 24357  
Ion Ratio Lower Upper  
138 100  
108 13.0 8.2 12.2#  
92 126.3 105.2 157.8



#54  
2,4-Dinitrophenol  
Concen: 48.070 ng  
RT: 15.122 min Scan# 1972  
Delta R.T. -0.009 min  
Lab File: BG056978.D  
Acq: 4 Apr 2023 23:46

Tgt Ion:184 Resp: 23873  
Ion Ratio Lower Upper  
184 100  
63 66.6 46.5 69.7  
154 75.4 53.5 80.3

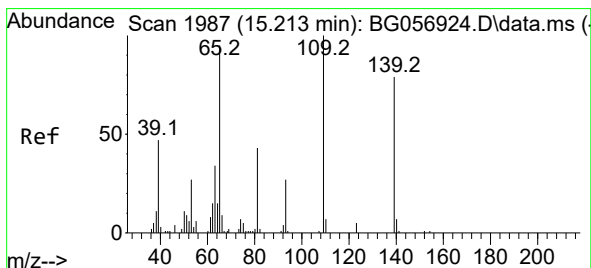
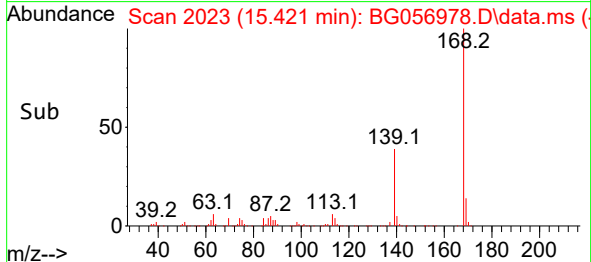
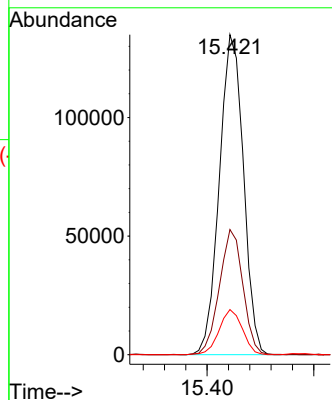
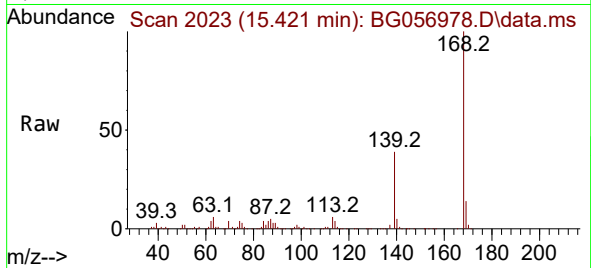




#55  
Dibenzenofuran  
Concen: 44.260 ng  
RT: 15.421 min Scan# 20  
Delta R.T. -0.009 min  
Lab File: BG056978.D  
Acq: 4 Apr 2023 23:46

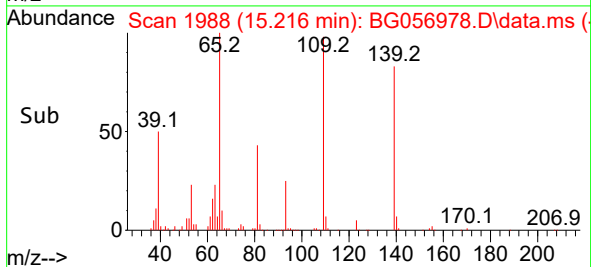
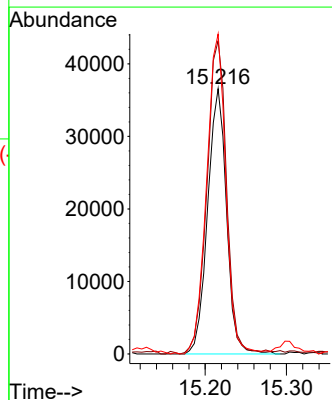
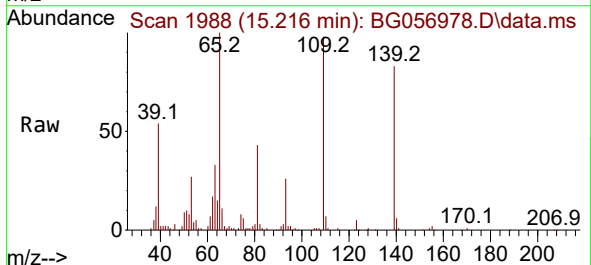
Instrument :  
BNA\_G  
ClientSampleId :  
TR-04-040323MS

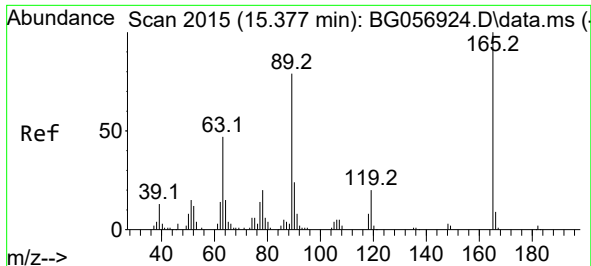
Tgt Ion:168 Resp: 211218  
Ion Ratio Lower Upper  
168 100  
139 39.1 28.9 43.3  
169 14.1 9.8 14.6



#56  
4-Nitrophenol  
Concen: 91.277 ng  
RT: 15.216 min Scan# 1988  
Delta R.T. 0.003 min  
Lab File: BG056978.D  
Acq: 4 Apr 2023 23:46

Tgt Ion:139 Resp: 58947  
Ion Ratio Lower Upper  
139 100  
109 118.1 106.7 146.7  
65 120.6 100.5 140.5





#57

2,4-Dinitrotoluene

Concen: 42.198 ng

RT: 15.374 min Scan# 20

Delta R.T. -0.003 min

Lab File: BG056978.D

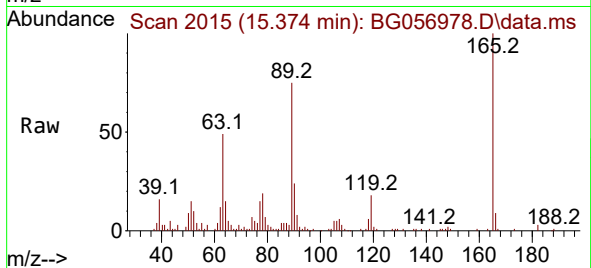
Acq: 4 Apr 2023 23:46

Instrument :

BNA\_G

ClientSampleId :

TR-04-040323MS



Tgt Ion:165 Resp: 52512

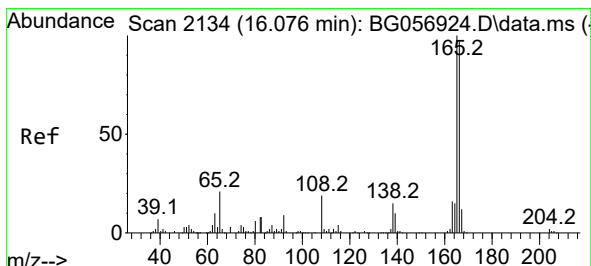
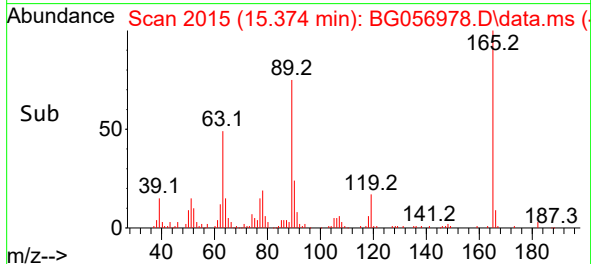
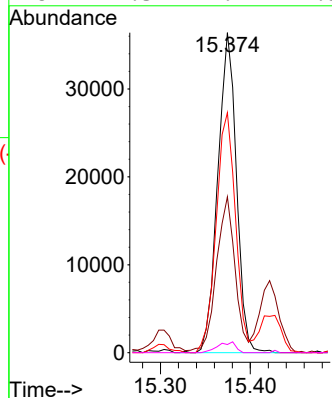
Ion Ratio Lower Upper

165 100

63 48.7 37.7 56.5

89 75.0 63.2 94.8

182 2.5 1.7 2.5#



#58

Fluorene

Concen: 44.051 ng

RT: 16.068 min Scan# 2133

Delta R.T. -0.008 min

Lab File: BG056978.D

Acq: 4 Apr 2023 23:46

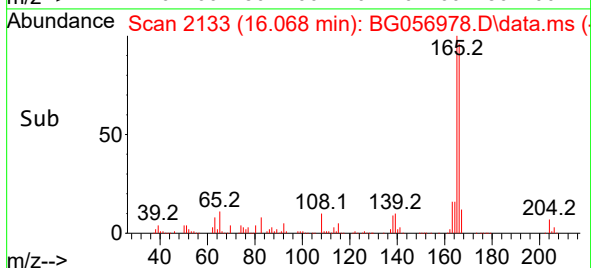
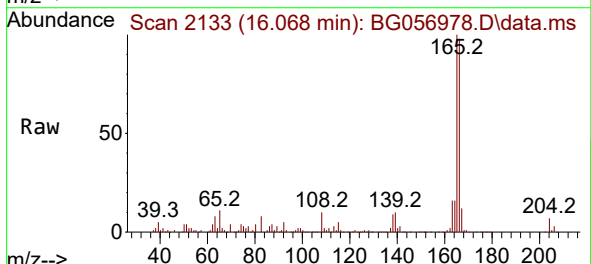
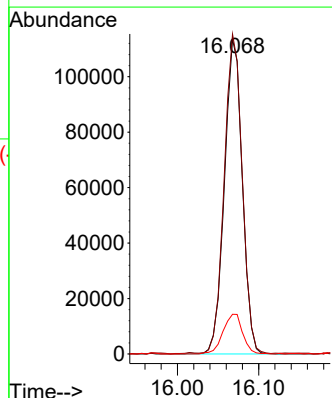
Tgt Ion:166 Resp: 173954

Ion Ratio Lower Upper

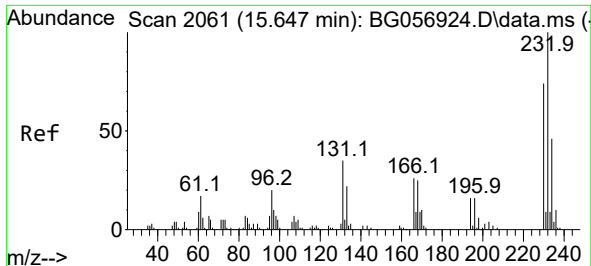
166 100

165 101.6 82.6 123.8

167 12.6 10.2 15.2



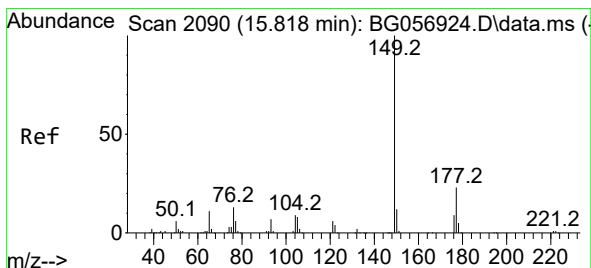
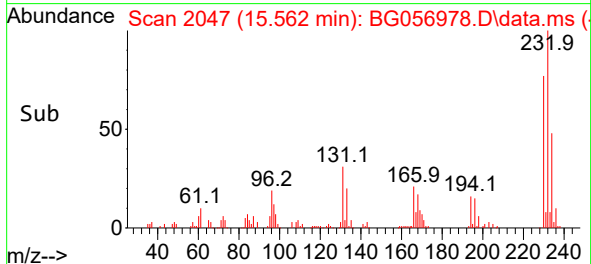
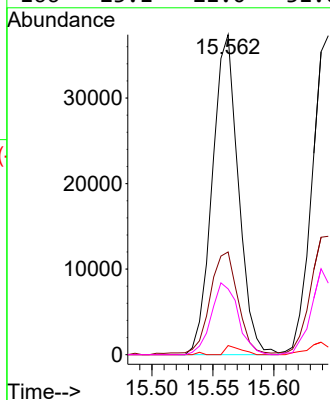
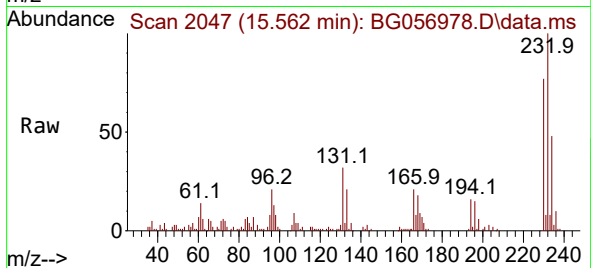




#59  
2,3,4,6-Tetrachlorophenol  
Concen: 45.043 ng  
RT: 15.562 min Scan# 2061  
Delta R.T. -0.085 min  
Lab File: BG056978.D  
Acq: 4 Apr 2023 23:46

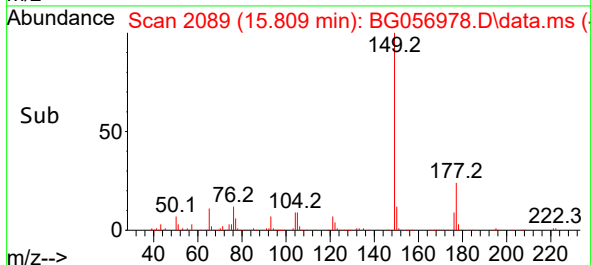
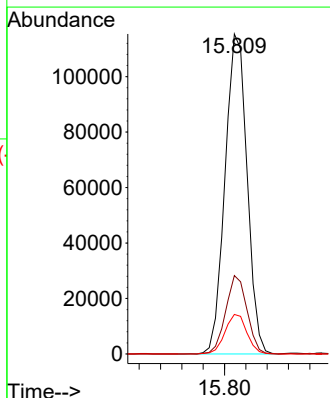
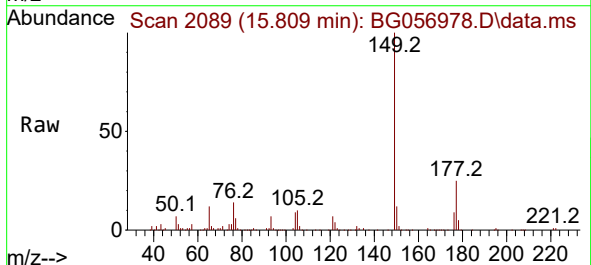
Instrument :  
BNA\_G  
ClientSampleId :  
TR-04-040323MS

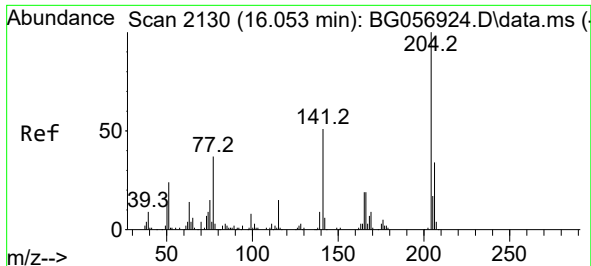
Tgt Ion:232 Resp: 55721  
Ion Ratio Lower Upper  
232 100  
131 34.8 29.3 43.9  
130 1.7 1.7 2.5  
166 23.1 21.0 31.6



#60  
Diethylphthalate  
Concen: 40.455 ng  
RT: 15.809 min Scan# 2089  
Delta R.T. -0.009 min  
Lab File: BG056978.D  
Acq: 4 Apr 2023 23:46

Tgt Ion:149 Resp: 165616  
Ion Ratio Lower Upper  
149 100  
177 24.5 18.8 28.2  
150 12.3 9.4 14.2

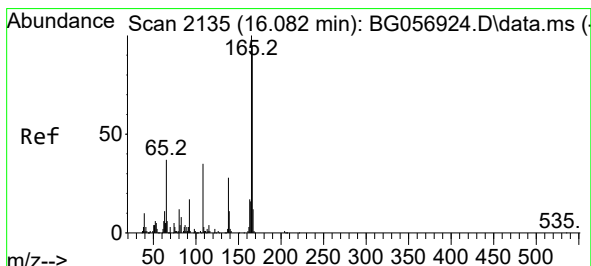
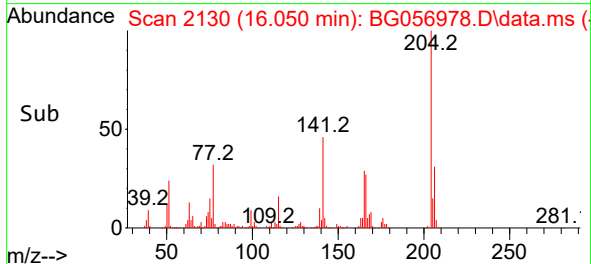
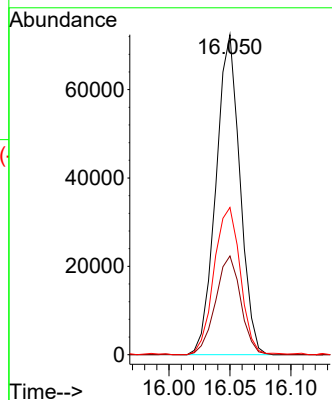
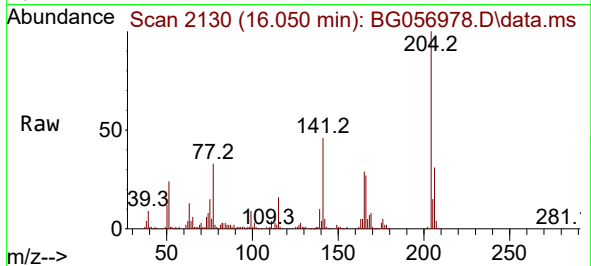




#61  
4-Chlorophenyl-phenylether  
Concen: 42.794 ng  
RT: 16.050 min Scan# 2130  
Delta R.T. -0.003 min  
Lab File: BG056978.D  
Acq: 4 Apr 2023 23:46

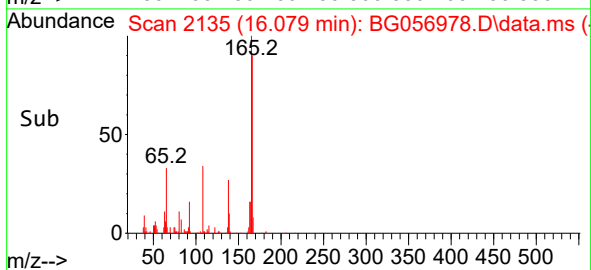
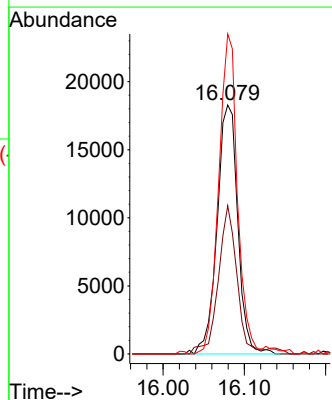
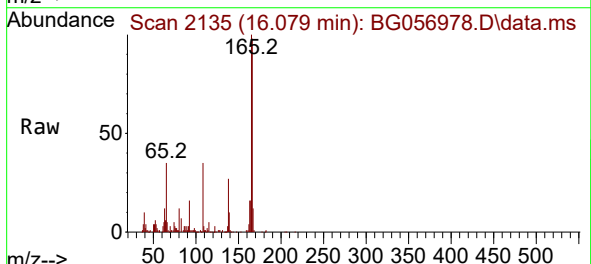
Instrument :  
BNA\_G  
ClientSampleId :  
TR-04-040323MS

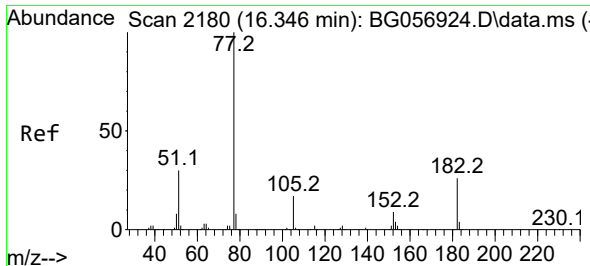
Tgt Ion:204 Resp: 99220  
Ion Ratio Lower Upper  
204 100  
206 30.8 27.2 40.8  
141 46.0 40.7 61.1



#62  
4-Nitroaniline  
Concen: 35.799 ng  
RT: 16.079 min Scan# 2135  
Delta R.T. -0.003 min  
Lab File: BG056978.D  
Acq: 4 Apr 2023 23:46

Tgt Ion:138 Resp: 32392  
Ion Ratio Lower Upper  
138 100  
92 59.6 40.9 80.9  
108 128.5 104.3 144.3

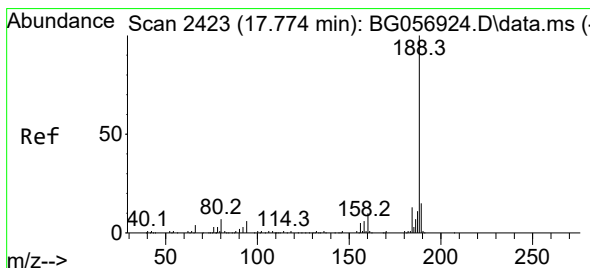
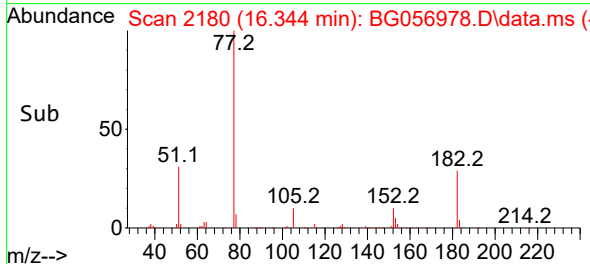
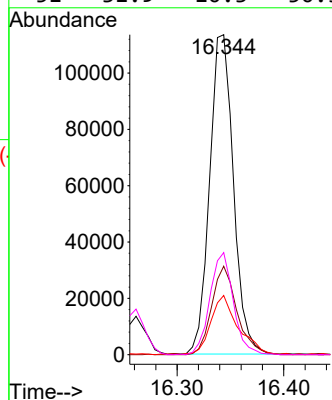
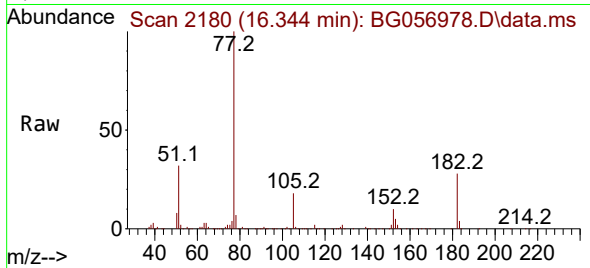




#63  
Azobenzene  
Concen: 43.072 ng  
RT: 16.344 min Scan# 2180  
Delta R.T. -0.003 min  
Lab File: BG056978.D  
Acq: 4 Apr 2023 23:46

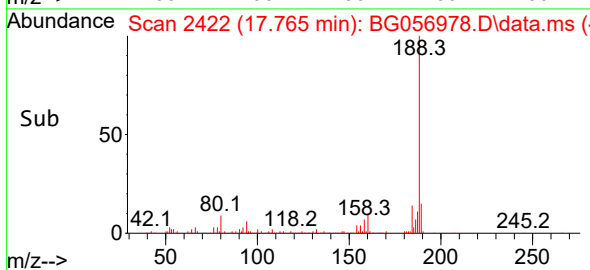
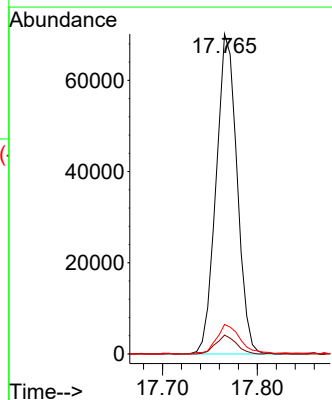
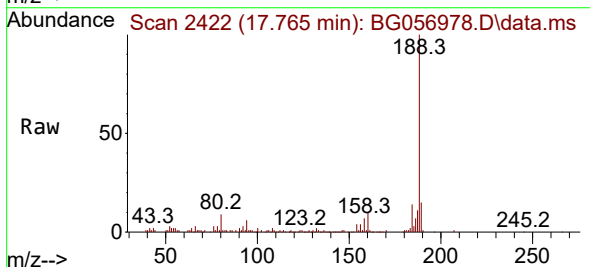
Instrument :  
BNA\_G  
ClientSampleId :  
TR-04-040323MS

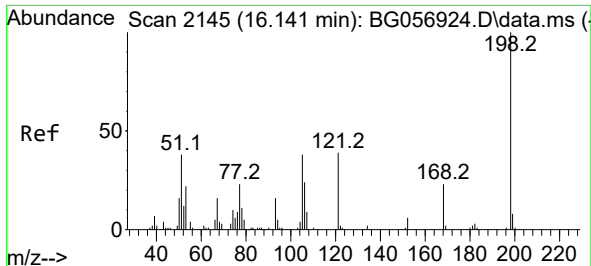
Tgt Ion: 77 Resp: 175730  
Ion Ratio Lower Upper  
77 100  
182 27.6 5.9 45.9  
105 18.5 0.0 36.8  
51 31.9 10.3 50.3



#64  
Phenanthrene-d10  
Concen: 20.000 ng  
RT: 17.765 min Scan# 2422  
Delta R.T. -0.009 min  
Lab File: BG056978.D  
Acq: 4 Apr 2023 23:46

Tgt Ion:188 Resp: 107751  
Ion Ratio Lower Upper  
188 100  
94 5.9 4.6 6.8  
80 9.2 5.5 8.3#

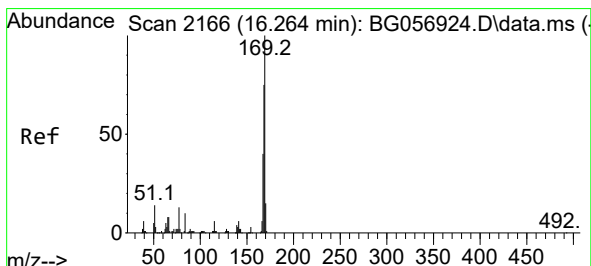
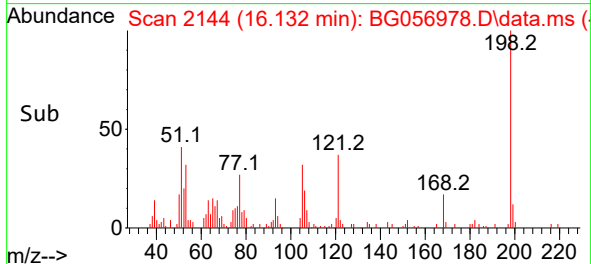
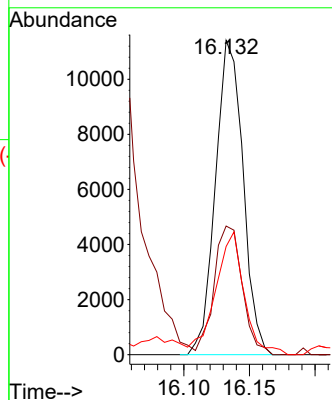
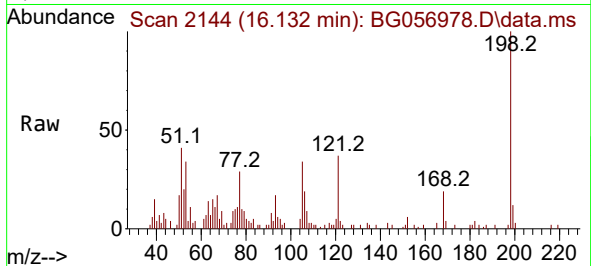




#65  
4,6-Dinitro-2-methylphenol  
Concen: 25.518 ng  
RT: 16.132 min Scan# 2145  
Delta R.T. -0.009 min  
Lab File: BG056978.D  
Acq: 4 Apr 2023 23:46

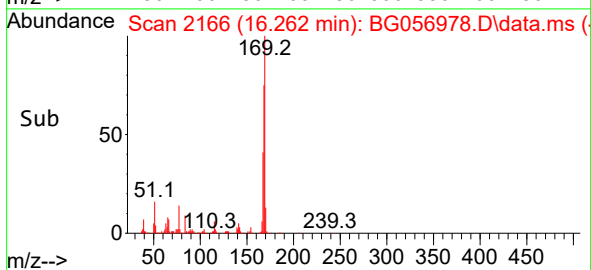
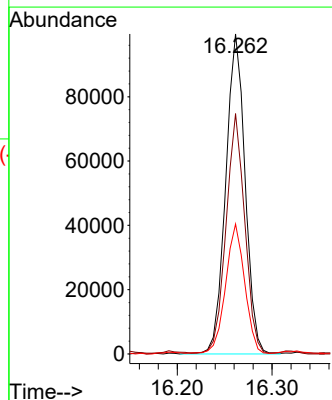
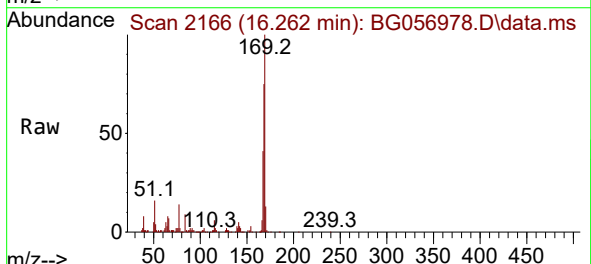
Instrument :  
BNA\_G  
ClientSampleId :  
TR-04-040323MS

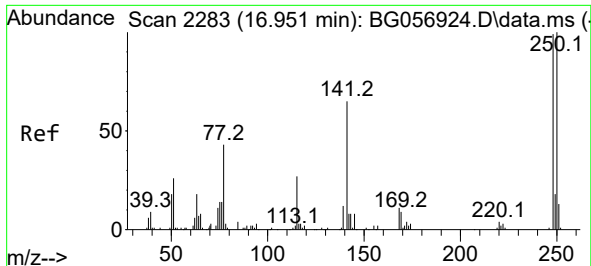
Tgt Ion:198 Resp: 16653  
Ion Ratio Lower Upper  
198 100  
51 40.9 20.5 60.5  
105 34.4 18.1 58.1



#66  
n-Nitrosodiphenylamine  
Concen: 49.007 ng  
RT: 16.262 min Scan# 2166  
Delta R.T. -0.003 min  
Lab File: BG056978.D  
Acq: 4 Apr 2023 23:46

Tgt Ion:169 Resp: 141754  
Ion Ratio Lower Upper  
169 100  
168 75.1 59.6 89.4  
167 40.6 31.8 47.8

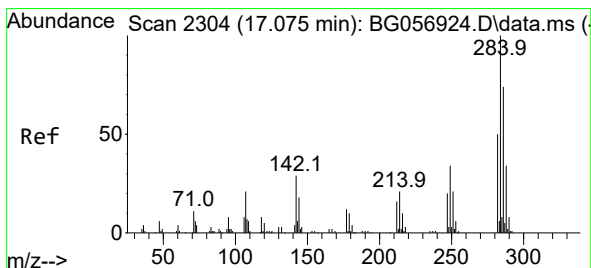
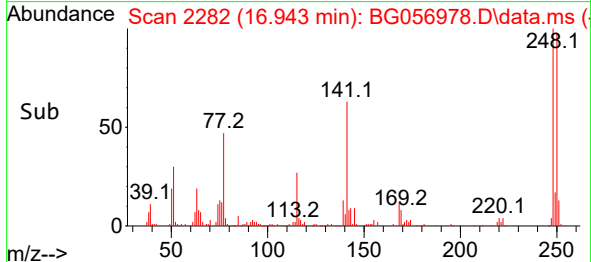
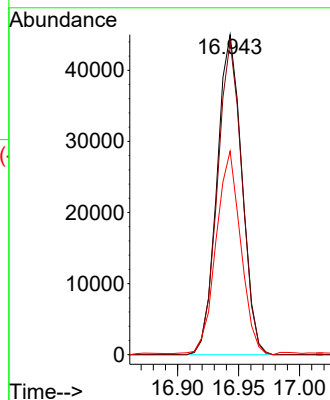
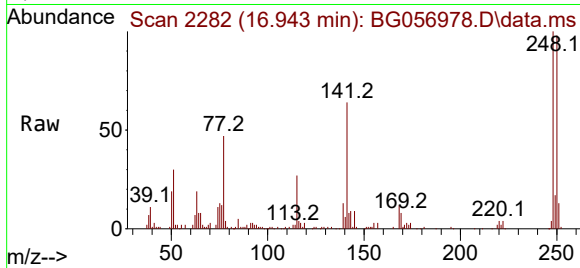




#67  
4-Bromophenyl-phenylether  
Concen: 47.855 ng  
RT: 16.943 min Scan# 21  
Delta R.T. -0.009 min  
Lab File: BG056978.D  
Acq: 4 Apr 2023 23:46

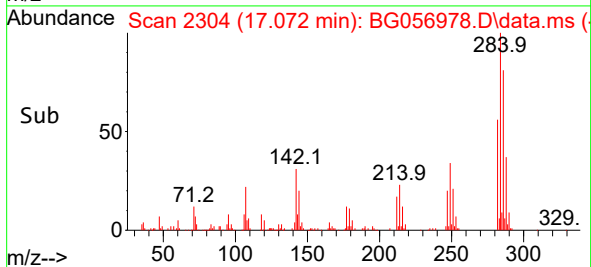
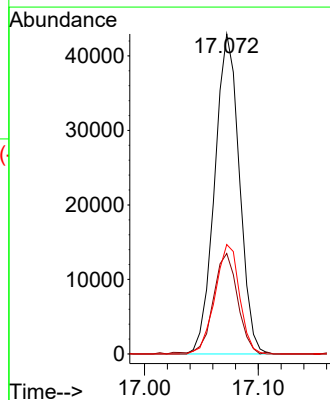
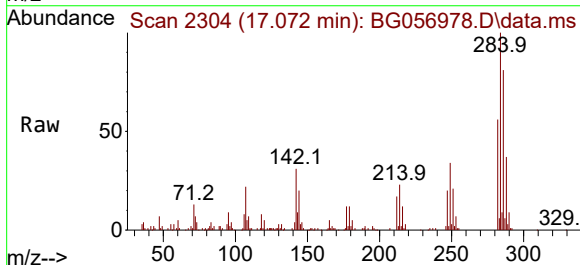
Instrument :  
BNA\_G  
ClientSampleId :  
TR-04-040323MS

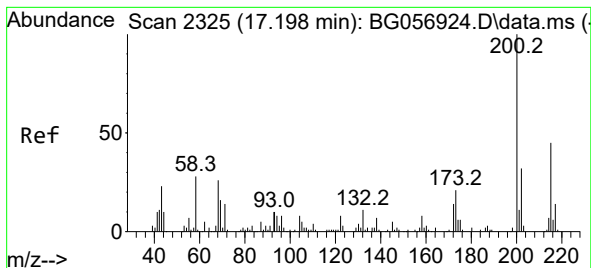
Tgt Ion:248 Resp: 63801  
Ion Ratio Lower Upper  
248 100  
250 98.0 80.5 120.7  
141 63.6 52.0 78.0



#68  
Hexachlorobenzene  
Concen: 49.146 ng  
RT: 17.072 min Scan# 2304  
Delta R.T. -0.003 min  
Lab File: BG056978.D  
Acq: 4 Apr 2023 23:46

Tgt Ion:284 Resp: 64779  
Ion Ratio Lower Upper  
284 100  
142 31.4 23.0 34.4  
249 34.2 27.1 40.7





#69

Atrazine

Concen: 48.450 ng

RT: 17.196 min Scan# 21

Delta R.T. -0.003 min

Lab File: BG056978.D

Acq: 4 Apr 2023 23:46

Instrument :

BNA\_G

ClientSampleId :

TR-04-040323MS

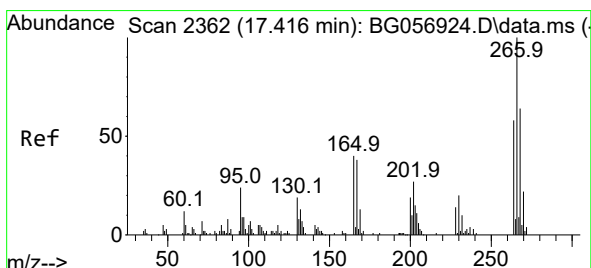
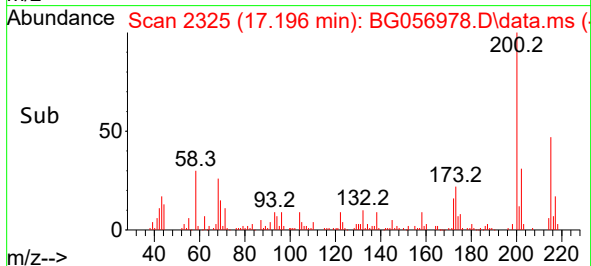
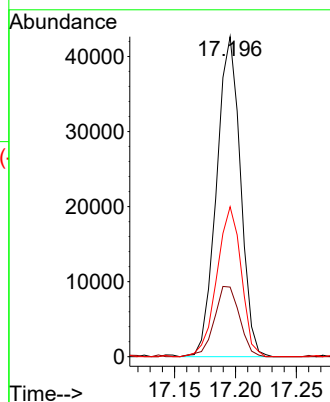
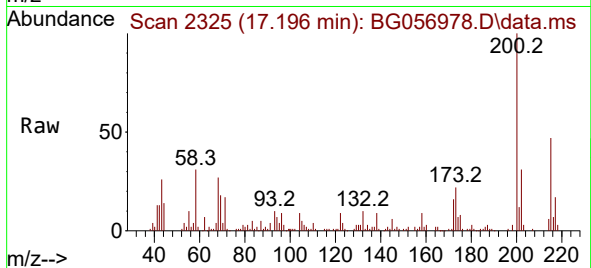
Tgt Ion:200 Resp: 58173

Ion Ratio Lower Upper

200 100

173 21.8 1.0 41.0

215 46.8 25.0 65.0



#70

Pentachlorophenol

Concen: 90.876 ng

RT: 17.413 min Scan# 2362

Delta R.T. -0.003 min

Lab File: BG056978.D

Acq: 4 Apr 2023 23:46

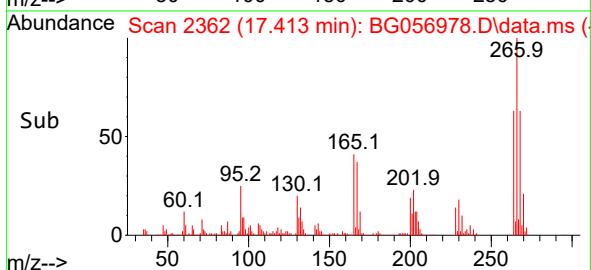
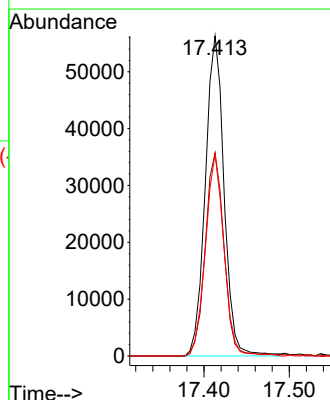
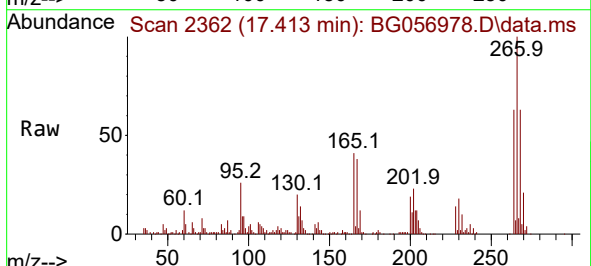
Tgt Ion:266 Resp: 85934

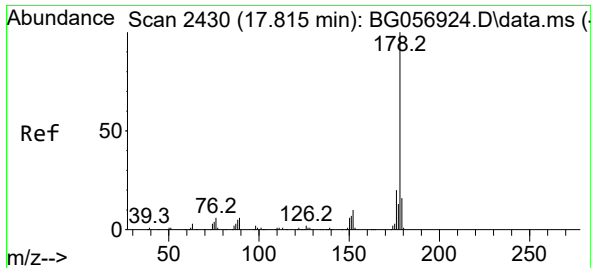
Ion Ratio Lower Upper

266 100

268 63.5 51.0 76.6

264 63.0 46.8 70.2

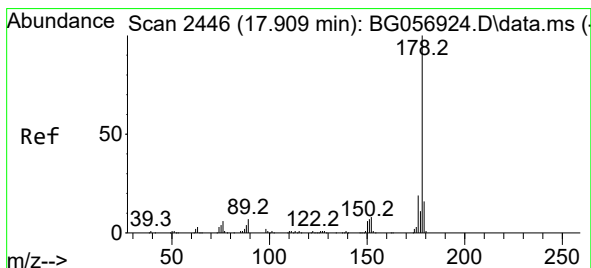
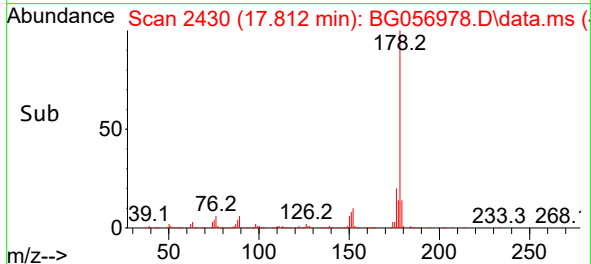
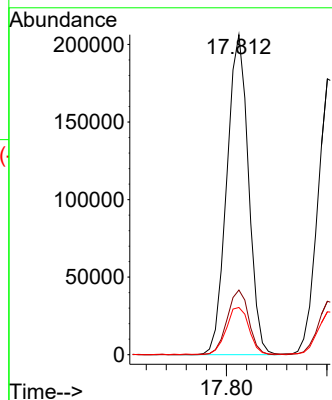
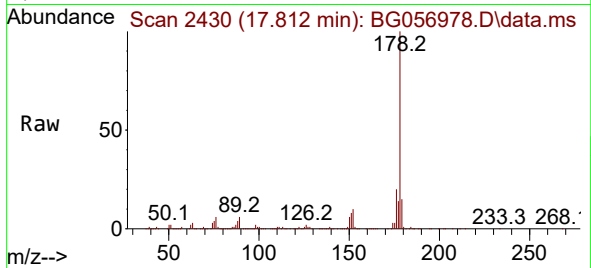




#71  
Phenanthrene  
Concen: 56.122 ng  
RT: 17.812 min Scan# 2430  
Delta R.T. -0.003 min  
Lab File: BG056978.D  
Acq: 4 Apr 2023 23:46

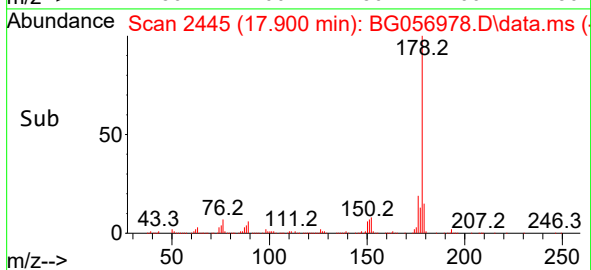
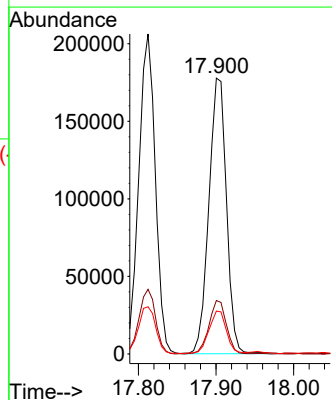
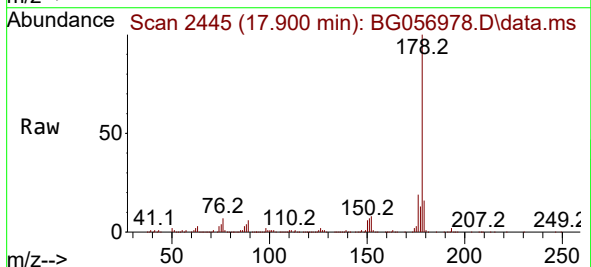
Instrument :  
BNA\_G  
ClientSampleId :  
TR-04-040323MS

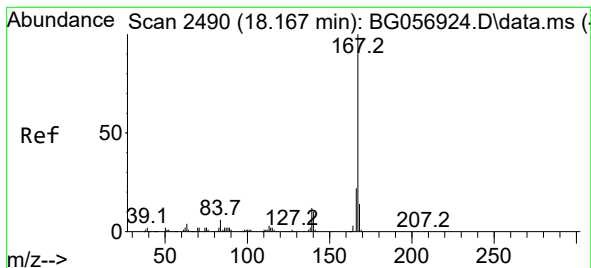
Tgt Ion:178 Resp: 308317  
Ion Ratio Lower Upper  
178 100  
176 20.2 16.2 24.2  
179 14.7 12.5 18.7



#72  
Anthracene  
Concen: 49.730 ng  
RT: 17.900 min Scan# 2445  
Delta R.T. -0.009 min  
Lab File: BG056978.D  
Acq: 4 Apr 2023 23:46

Tgt Ion:178 Resp: 280063  
Ion Ratio Lower Upper  
178 100  
176 19.4 15.4 23.2  
179 15.5 12.4 18.6





#73

Carbazole

Concen: 46.315 ng

RT: 18.165 min Scan# 24

Delta R.T. -0.003 min

Lab File: BG056978.D

Acq: 4 Apr 2023 23:46

Instrument :

BNA\_G

ClientSampleId :

TR-04-040323MS

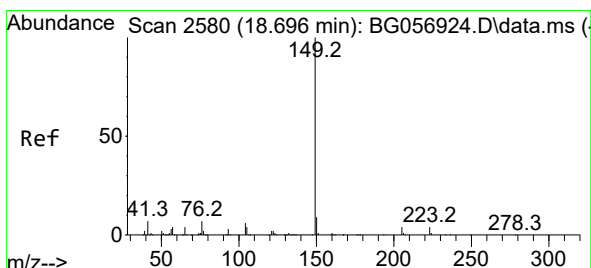
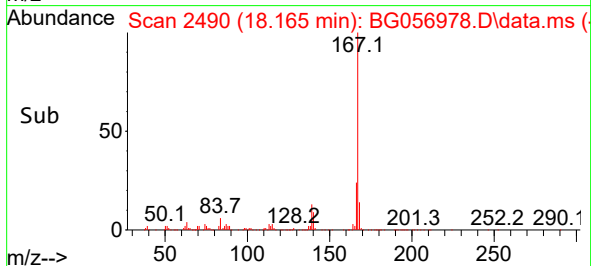
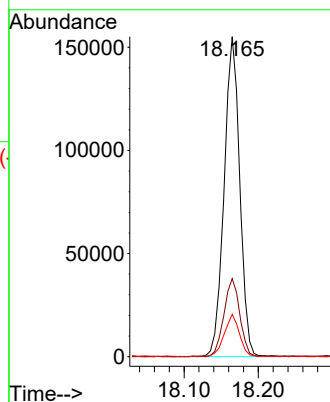
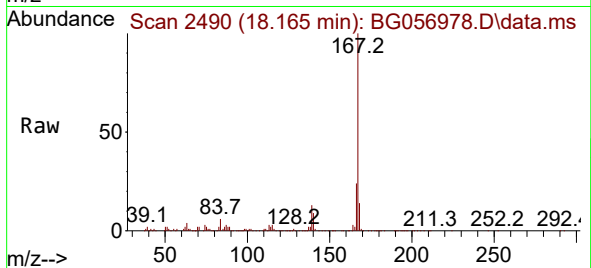
Tgt Ion:167 Resp: 227414

Ion Ratio Lower Upper

167 100

166 24.4 17.9 26.9

139 13.2 9.5 14.3



#74

Di-n-butylphthalate

Concen: 43.802 ng

RT: 18.688 min Scan# 2579

Delta R.T. -0.009 min

Lab File: BG056978.D

Acq: 4 Apr 2023 23:46

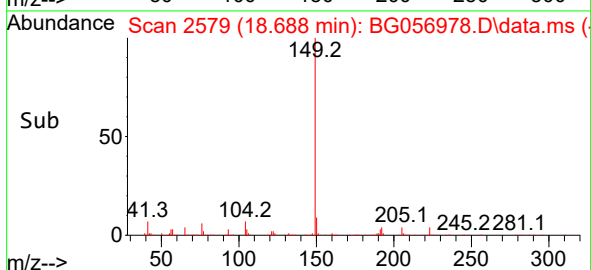
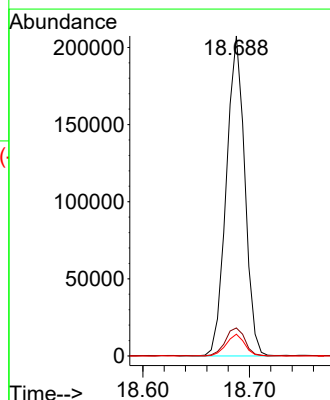
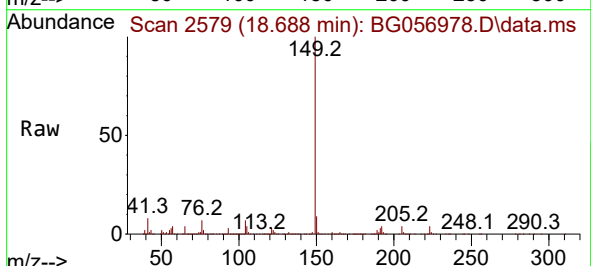
Tgt Ion:149 Resp: 249052

Ion Ratio Lower Upper

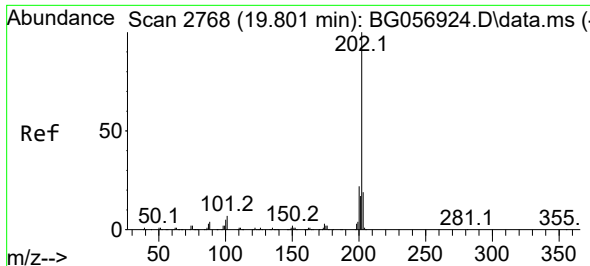
149 100

150 8.7 7.4 11.0

104 6.8 4.9 7.3



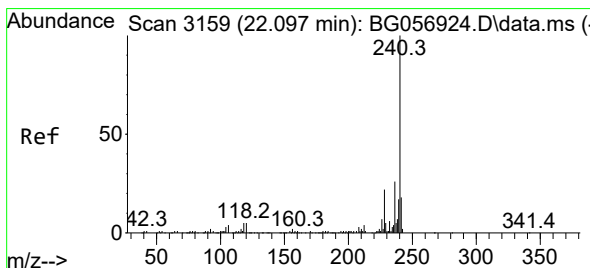
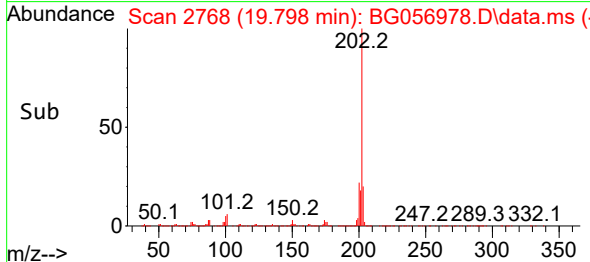
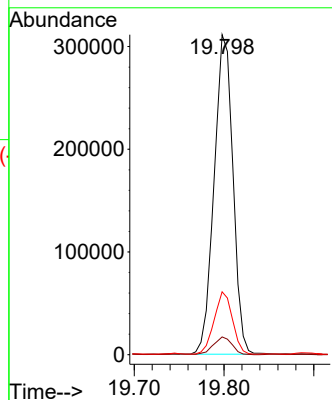
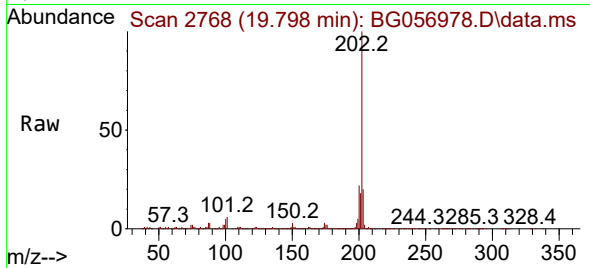




#75  
Fluoranthene  
Concen: 65.043 ng  
RT: 19.798 min Scan# 21  
Delta R.T. -0.003 min  
Lab File: BG056978.D  
Acq: 4 Apr 2023 23:46

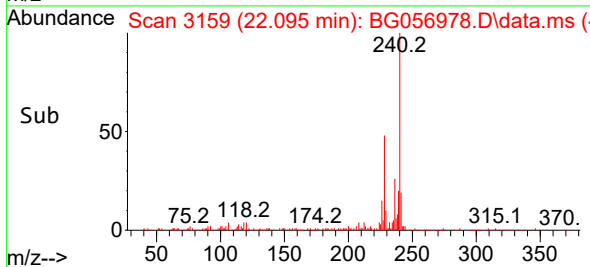
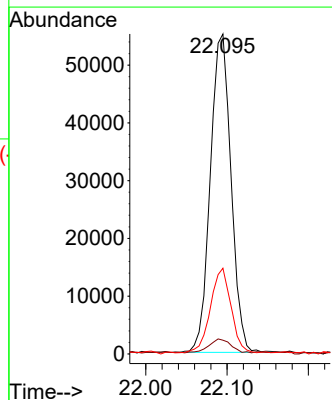
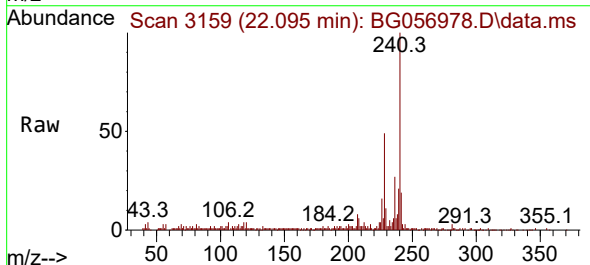
Instrument :  
BNA\_G  
ClientSampleId :  
TR-04-040323MS

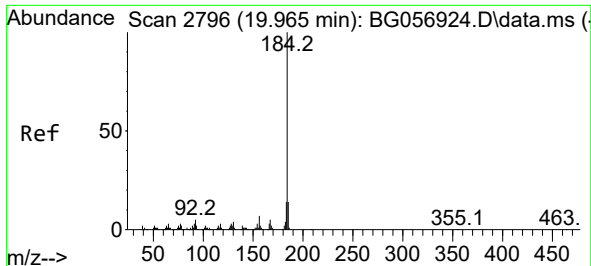
Tgt Ion:202 Resp: 452962  
Ion Ratio Lower Upper  
202 100  
101 5.5 0.0 26.7  
203 19.6 0.0 39.0



#76  
Chrysene-d12  
Concen: 20.000 ng  
RT: 22.095 min Scan# 3159  
Delta R.T. -0.003 min  
Lab File: BG056978.D  
Acq: 4 Apr 2023 23:46

Tgt Ion:240 Resp: 97448  
Ion Ratio Lower Upper  
240 100  
120 4.3 3.8 5.6  
236 26.8 21.0 31.6

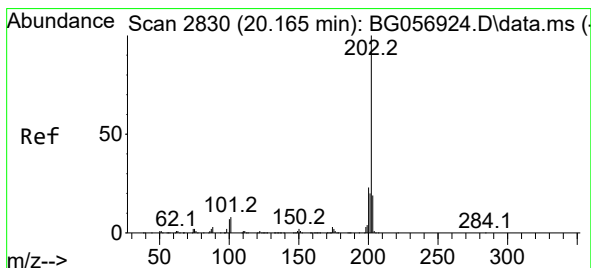
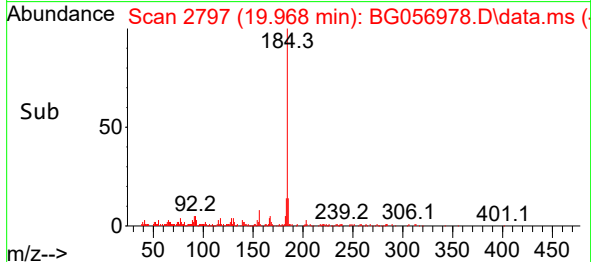
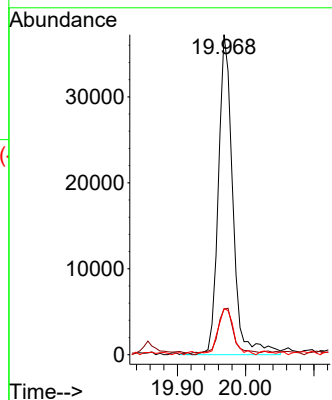
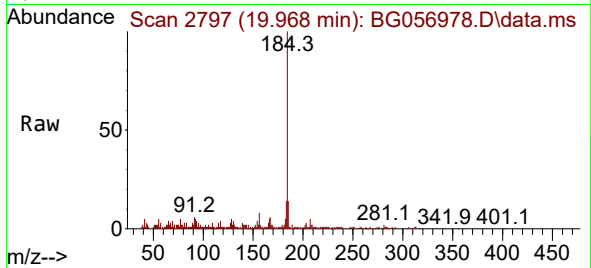




#77  
Benzidine  
Concen: 20.686 ng  
RT: 19.968 min Scan# 21  
Delta R.T. 0.003 min  
Lab File: BG056978.D  
Acq: 4 Apr 2023 23:46

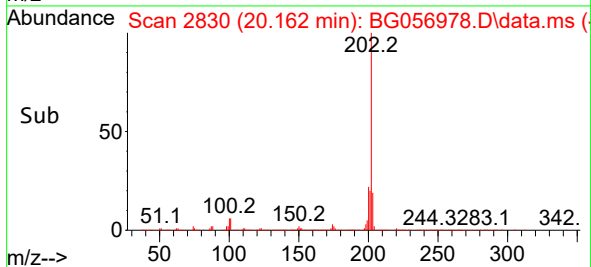
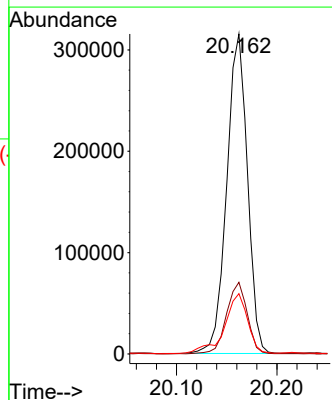
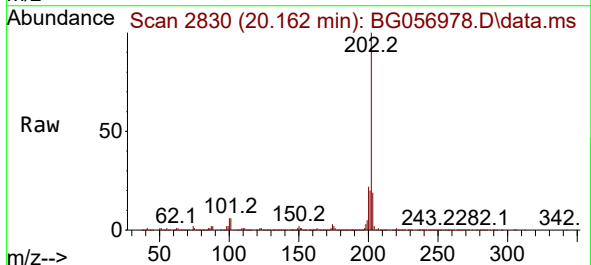
Instrument :  
BNA\_G  
ClientSampleId :  
TR-04-040323MS

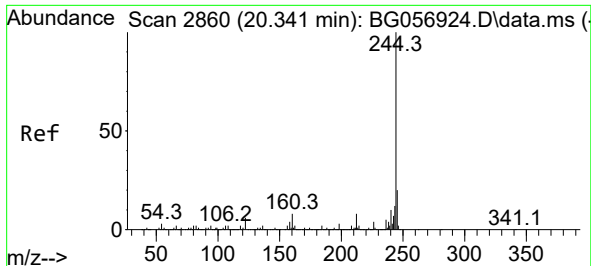
Tgt Ion:184 Resp: 55098  
Ion Ratio Lower Upper  
184 100  
185 14.2 11.0 16.4  
183 14.4 11.4 17.0



#78  
Pyrene  
Concen: 66.949 ng  
RT: 20.162 min Scan# 2830  
Delta R.T. -0.003 min  
Lab File: BG056978.D  
Acq: 4 Apr 2023 23:46

Tgt Ion:202 Resp: 451235  
Ion Ratio Lower Upper  
202 100  
200 22.4 18.7 28.1  
203 18.8 15.4 23.2

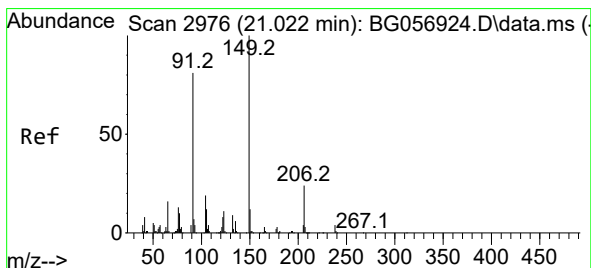
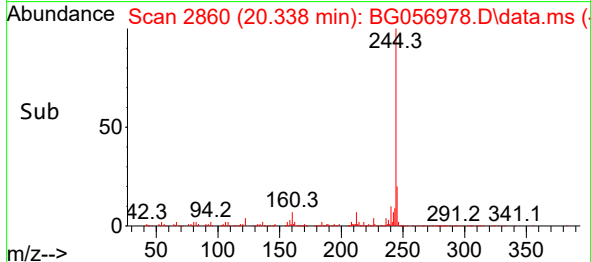
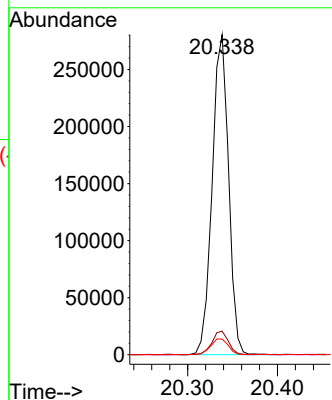
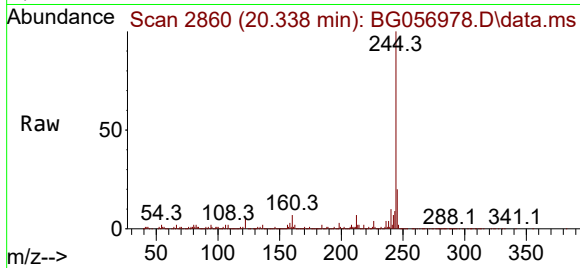




#79  
 Terphenyl-d14  
 Concen: 61.662 ng  
 RT: 20.338 min Scan# 2860  
 Delta R.T. -0.003 min  
 Lab File: BG056978.D  
 Acq: 4 Apr 2023 23:46

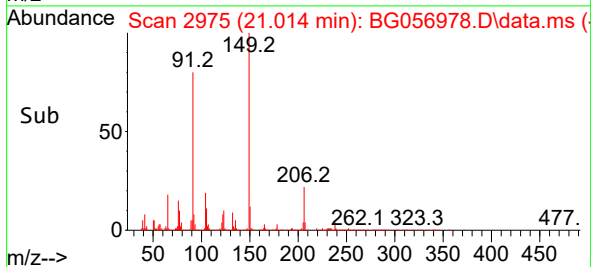
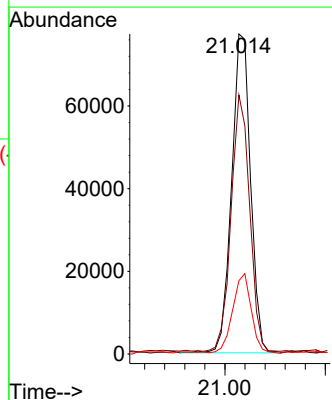
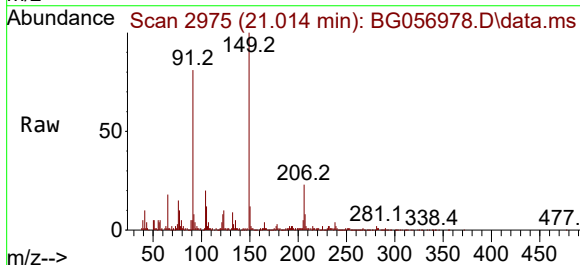
Instrument :  
 BNA\_G  
 ClientSampleId :  
 TR-04-040323MS

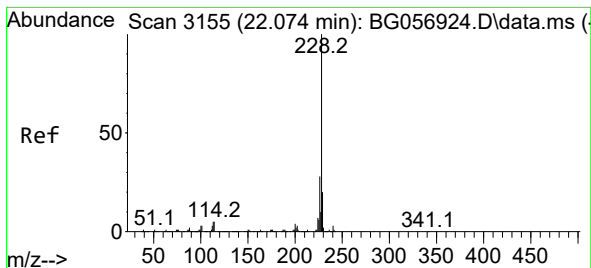
Tgt Ion:244 Resp: 355098  
 Ion Ratio Lower Upper  
 244 100  
 212 7.4 6.1 9.1  
 122 4.9 5.0 7.4#



#80  
 Butylbenzylphthalate  
 Concen: 43.642 ng  
 RT: 21.014 min Scan# 2975  
 Delta R.T. -0.009 min  
 Lab File: BG056978.D  
 Acq: 4 Apr 2023 23:46

Tgt Ion:149 Resp: 101221  
 Ion Ratio Lower Upper  
 149 100  
 91 80.9 64.4 96.6  
 206 22.9 18.9 28.3





#81

Benzo(a)anthracene

Concen: 61.887 ng

RT: 22.071 min Scan# 3155

Delta R.T. -0.003 min

Lab File: BG056978.D

Acq: 4 Apr 2023 23:46

Instrument :

BNA\_G

ClientSampleId :

TR-04-040323MS

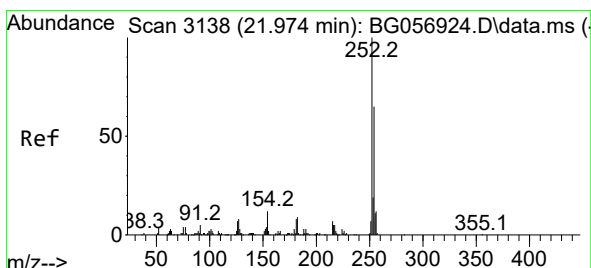
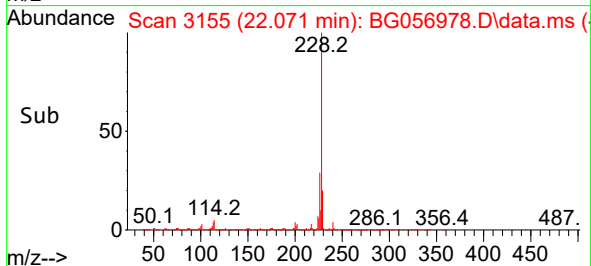
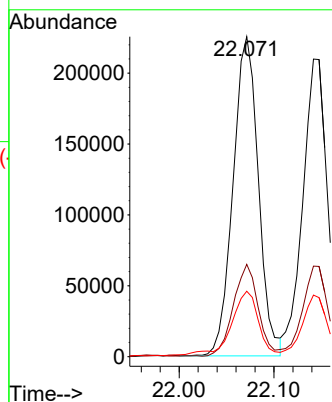
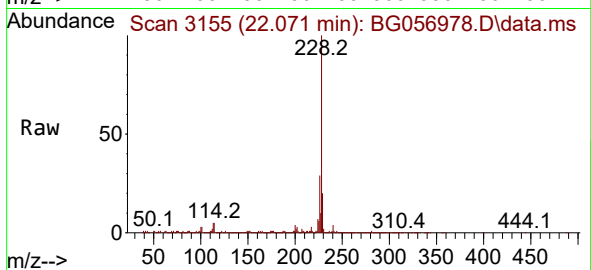
Tgt Ion:228 Resp: 417325

Ion Ratio Lower Upper

228 100

226 28.8 22.1 33.1

229 20.4 16.1 24.1



#82

3,3'-Dichlorobenzidine

Concen: 25.197 ng

RT: 21.966 min Scan# 3137

Delta R.T. -0.008 min

Lab File: BG056978.D

Acq: 4 Apr 2023 23:46

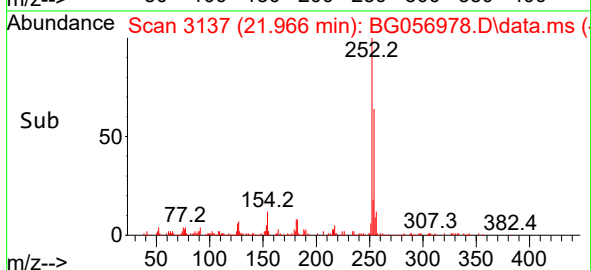
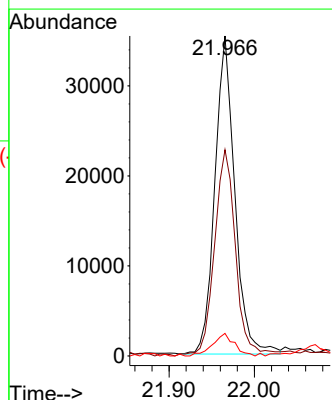
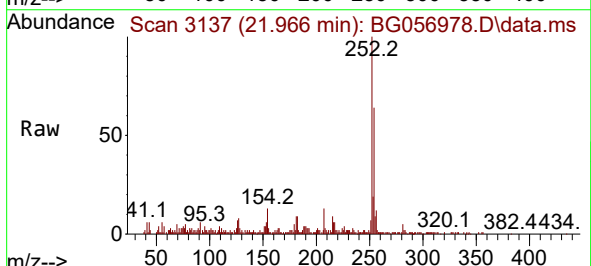
Tgt Ion:252 Resp: 57376

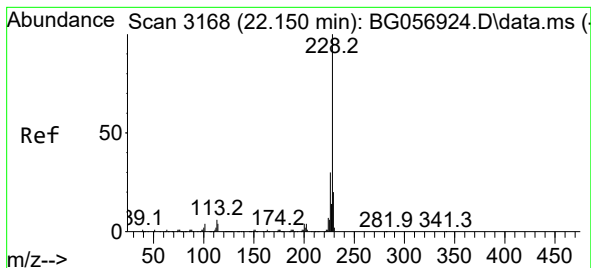
Ion Ratio Lower Upper

252 100

254 64.4 51.7 77.5

126 7.0 5.6 8.4





#83

Chrysene

Concen: 59.371 ng

RT: 22.142 min Scan# 3167

Delta R.T. -0.009 min

Lab File: BG056978.D

Acq: 4 Apr 2023 23:46

Instrument :

BNA\_G

ClientSampleId :

TR-04-040323MS

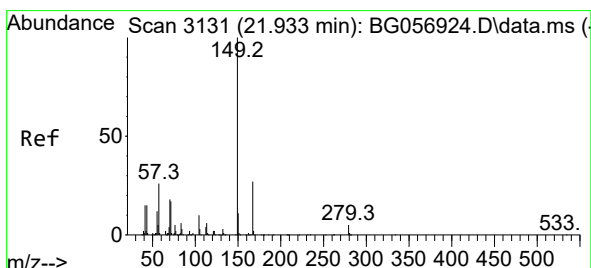
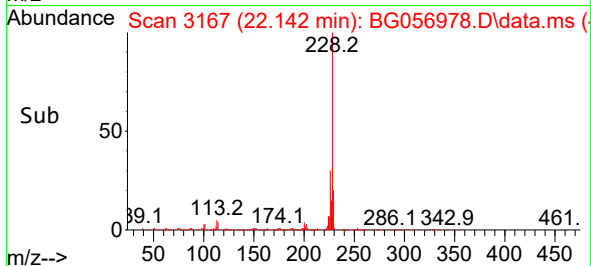
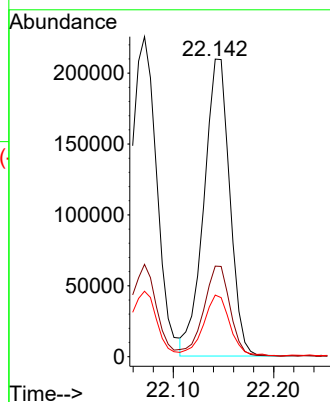
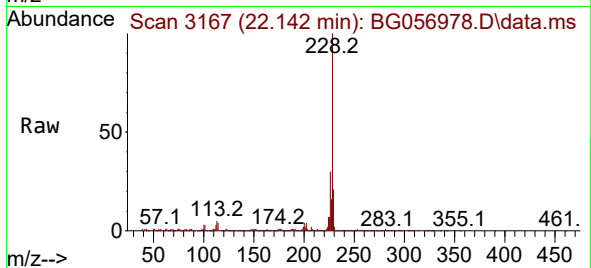
Tgt Ion:228 Resp: 374865

Ion Ratio Lower Upper

228 100

226 30.4 24.1 36.1

229 20.7 15.6 23.4



#84

Bis(2-ethylhexyl)phthalate

Concen: 43.369 ng

RT: 21.924 min Scan# 3130

Delta R.T. -0.009 min

Lab File: BG056978.D

Acq: 4 Apr 2023 23:46

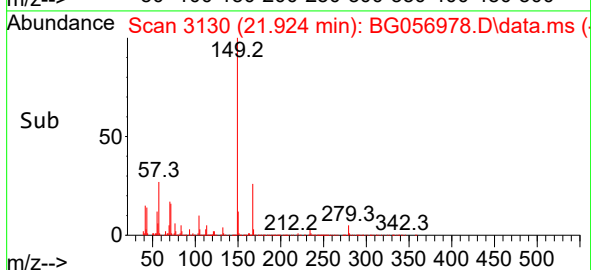
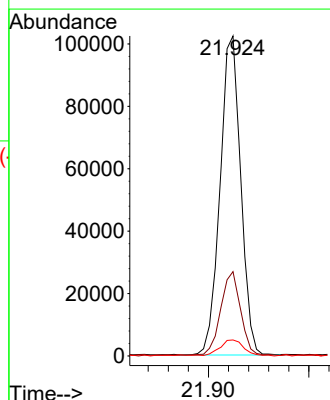
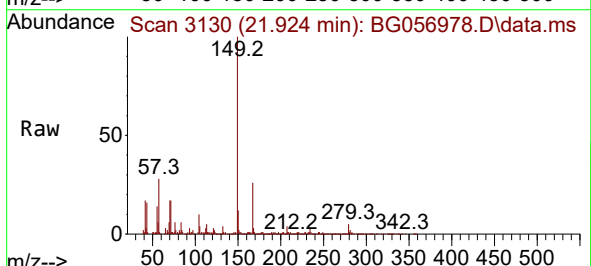
Tgt Ion:149 Resp: 145656

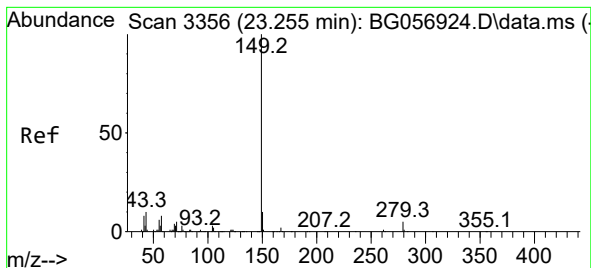
Ion Ratio Lower Upper

149 100

167 26.4 21.4 32.2

279 5.0 3.9 5.9





#85

Di-n-octyl phthalate

Concen: 43.372 ng

RT: 23.240 min Scan# 31

Delta R.T. -0.014 min

Lab File: BG056978.D

Acq: 4 Apr 2023 23:46

Instrument :

BNA\_G

ClientSampleId :

TR-04-040323MS

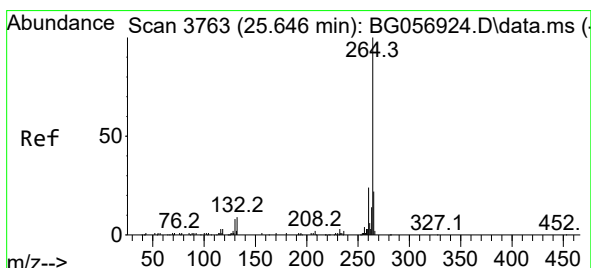
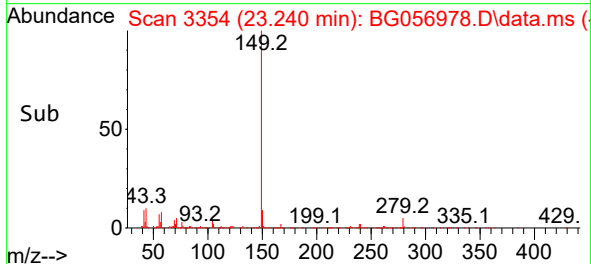
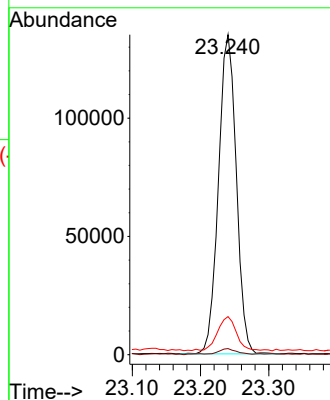
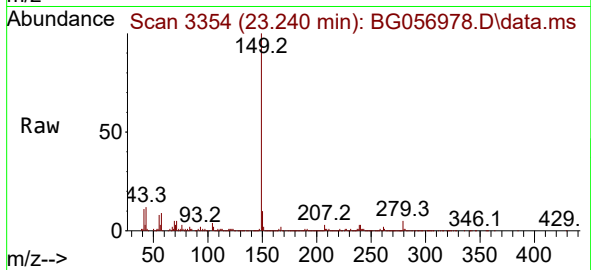
Tgt Ion:149 Resp: 245473

Ion Ratio Lower Upper

149 100

167 1.7 1.3 1.9

43 11.5 7.9 11.9



#86

Perylene-d12

Concen: 20.000 ng

RT: 25.637 min Scan# 3762

Delta R.T. -0.009 min

Lab File: BG056978.D

Acq: 4 Apr 2023 23:46

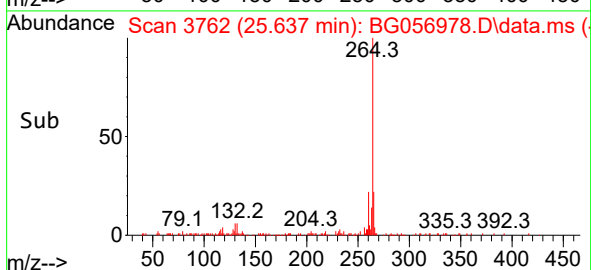
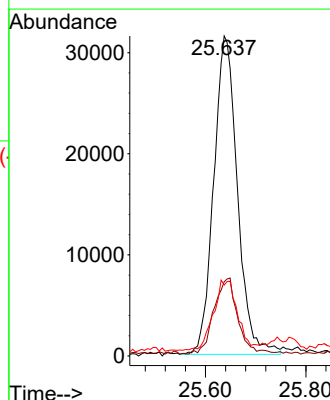
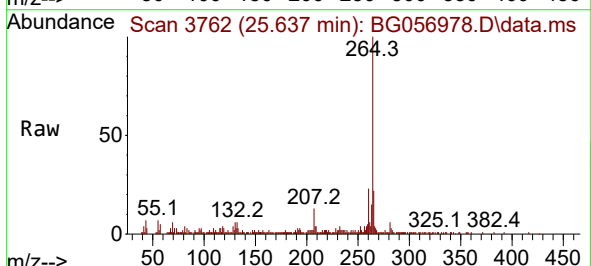
Tgt Ion:264 Resp: 103353

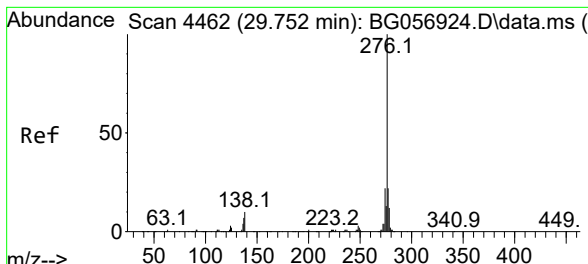
Ion Ratio Lower Upper

264 100

260 23.2 19.0 28.4

265 22.1 17.8 26.6



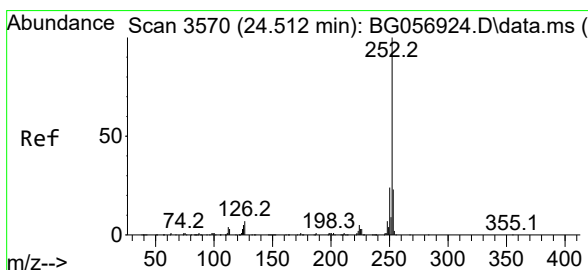
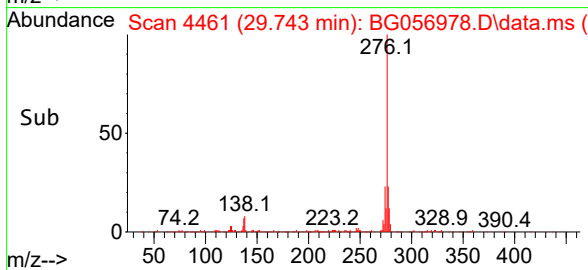
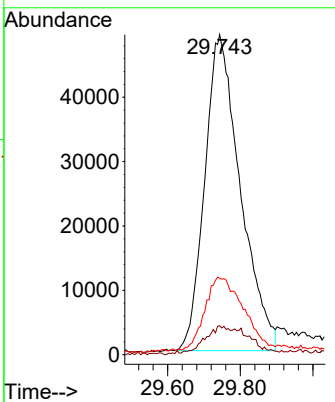
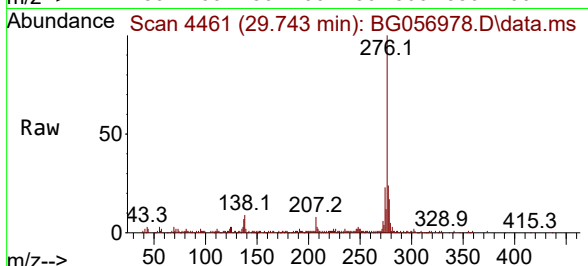


#87  
 Indeno(1,2,3-cd)pyrene  
 Concen: 43.784 ng  
 RT: 29.743 min Scan# 4462  
 Delta R.T. -0.009 min  
 Lab File: BG056978.D  
 Acq: 4 Apr 2023 23:46

Instrument :  
 BNA\_G  
 ClientSampleId :  
 TR-04-040323MS

Tgt Ion:276 Resp: 334431

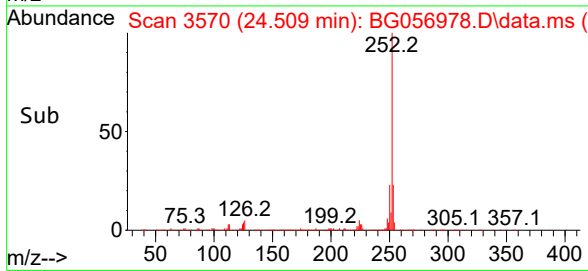
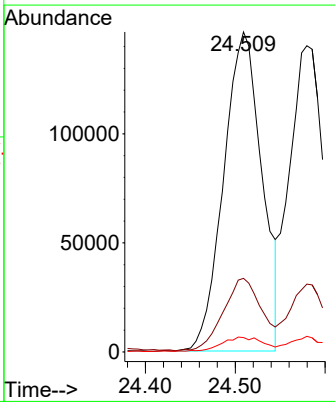
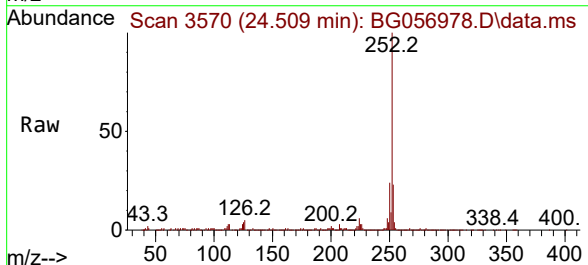
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 276 | 100   |       |       |
| 138 | 6.0   | 7.7   | 11.5# |
| 277 | 25.5  | 21.0  | 31.4  |

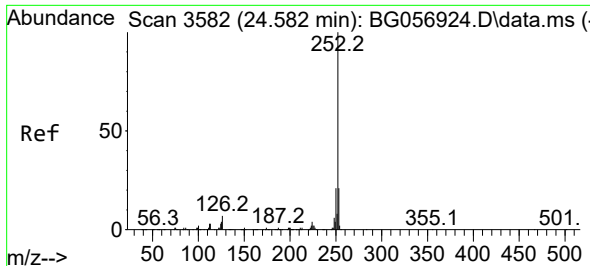


#88  
 Benzo(b)fluoranthene  
 Concen: 66.936 ng  
 RT: 24.509 min Scan# 3570  
 Delta R.T. -0.003 min  
 Lab File: BG056978.D  
 Acq: 4 Apr 2023 23:46

Tgt Ion:252 Resp: 432609

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 252 | 100   |       |       |
| 253 | 23.0  | 18.1  | 27.1  |
| 125 | 4.5   | 4.2   | 6.4   |

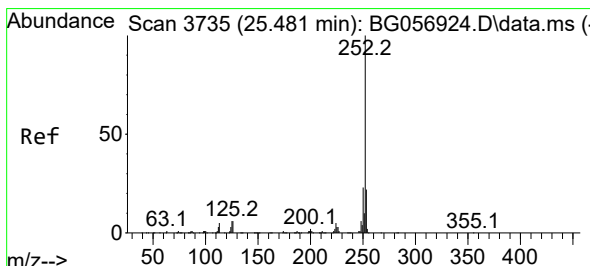
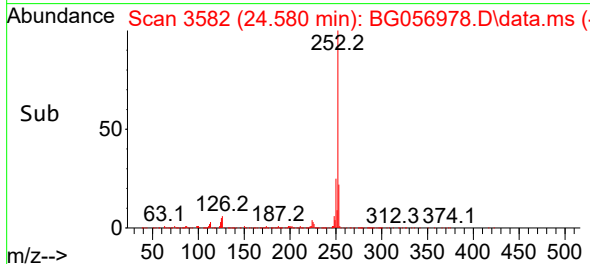
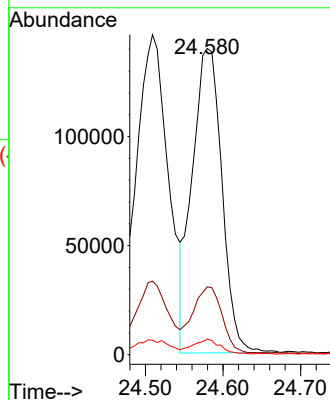
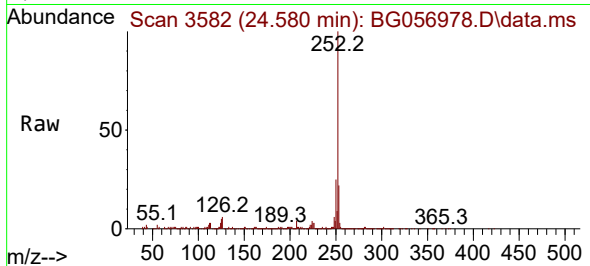




#89  
Benzo(k)fluoranthene  
Concen: 57.605 ng  
RT: 24.580 min Scan# 31  
Delta R.T. -0.003 min  
Lab File: BG056978.D  
Acq: 4 Apr 2023 23:46

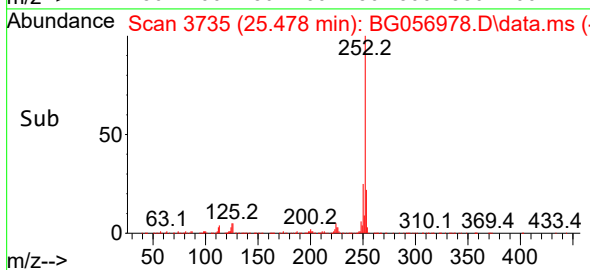
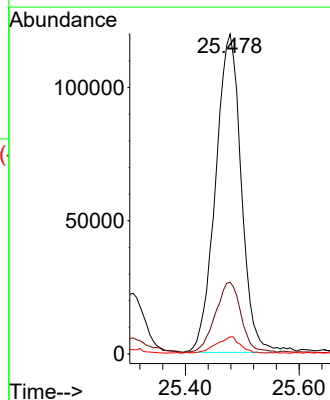
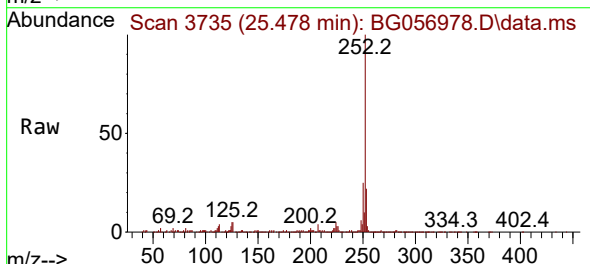
Instrument :  
BNA\_G  
ClientSampleId :  
TR-04-040323MS

Tgt Ion:252 Resp: 371680  
Ion Ratio Lower Upper  
252 100  
253 22.2 17.1 25.7  
125 5.1 3.8 5.6

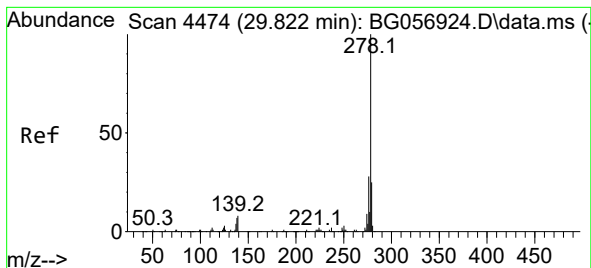


#90  
Benzo(a)pyrene  
Concen: 58.921 ng  
RT: 25.478 min Scan# 3735  
Delta R.T. -0.003 min  
Lab File: BG056978.D  
Acq: 4 Apr 2023 23:46

Tgt Ion:252 Resp: 374204  
Ion Ratio Lower Upper  
252 100  
253 22.4 17.6 26.4  
125 5.3 4.5 6.7







#91

Dibenzo(a,h)anthracene

Concen: 41.560 ng

RT: 29.808 min Scan# 4474

Delta R.T. -0.014 min

Lab File: BG056978.D

Acq: 4 Apr 2023 23:46

Instrument :

BNA\_G

ClientSampleId :

TR-04-040323MS

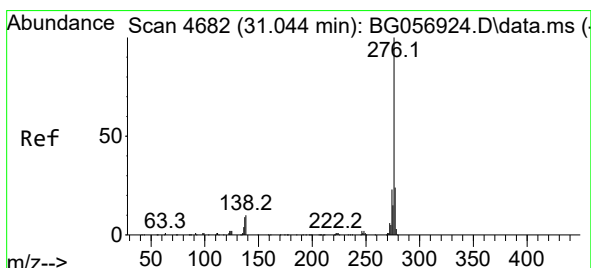
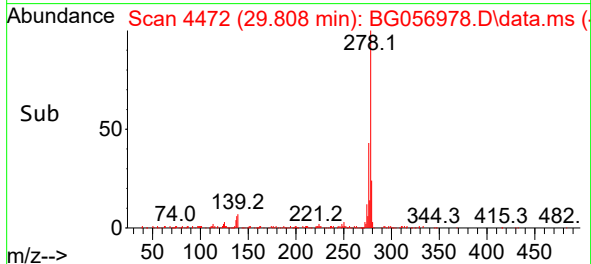
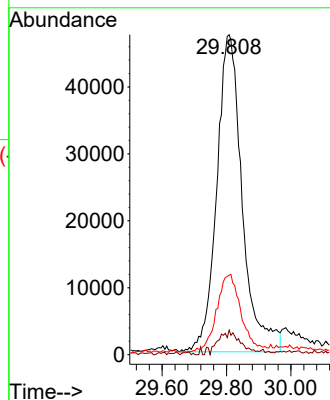
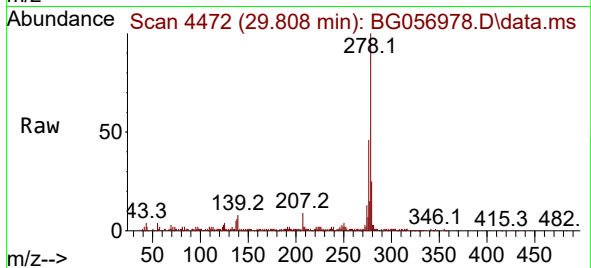
Tgt Ion:278 Resp: 260934

Ion Ratio Lower Upper

278 100

139 7.6 6.4 9.6

279 24.9 20.2 30.2



#92

Benzo(g,h,i)perylene

Concen: 40.457 ng

RT: 31.024 min Scan# 4679

Delta R.T. -0.020 min

Lab File: BG056978.D

Acq: 4 Apr 2023 23:46

Tgt Ion:276 Resp: 248727

Ion Ratio Lower Upper

276 100

277 22.6 19.1 28.7

138 9.4 8.2 12.2

