

Data Path : Z:\svoasrv\HPCHEM1\BNA\_G\Data\BG120523\  
 Data File : BG059956.D  
 Acq On : 5 Dec 2023 19:29  
 Operator : MA/JU  
 Sample : 05323-04MS  
 Misc :  
 ALS Vial : 12 Sample Multiplier: 1

Instrument :  
 BNA\_G  
 ClientSampleId :  
 TP-1MS

Quant Time: Dec 05 22:40:52 2023  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_G\Methods\8270-BG120423.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Tue Dec 05 02:26:15 2023  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc    | Units | Dev(Min) |
|-------------------------------|--------|------|----------|---------|-------|----------|
| -----                         |        |      |          |         |       |          |
| Internal Standards            |        |      |          |         |       |          |
| 1) 1,4-Dichlorobenzene-d4     | 7.962  | 152  | 91632    | 20.000  | ng    | # 0.00   |
| 21) Naphthalene-d8            | 10.764 | 136  | 306527   | 20.000  | ng    | # 0.00   |
| 39) Acenaphthene-d10          | 14.601 | 164  | 312615   | 20.000  | ng    | 0.00     |
| 64) Phenanthrene-d10          | 17.345 | 188  | 1064821  | 20.000  | ng    | # 0.00   |
| 76) Chrysene-d12              | 21.622 | 240  | 1517378  | 20.000  | ng    | 0.00     |
| 86) Perylene-d12              | 24.812 | 264  | 1674125  | 20.000  | ng    | 0.00     |
|                               |        |      |          |         |       |          |
| System Monitoring Compounds   |        |      |          |         |       |          |
| 5) 2-Fluorophenol             | 5.529  | 112  | 722445   | 158.412 | ng    | 0.00     |
| 7) Phenol-d6                  | 7.115  | 99   | 958275   | 133.316 | ng    | 0.00     |
| 23) Nitrobenzene-d5           | 9.119  | 82   | 759085   | 88.524  | ng    | 0.00     |
| 42) 2,4,6-Tribromophenol      | 16.087 | 330  | 1340976  | 133.323 | ng    | 0.00     |
| 45) 2-Fluorobiphenyl          | 13.226 | 172  | 2512496  | 87.659  | ng    | 0.00     |
| 79) Terphenyl-d14             | 19.971 | 244  | 6012349  | 68.306  | ng    | 0.00     |
|                               |        |      |          |         |       |          |
| Target Compounds              |        |      |          |         |       | Qvalue   |
| 2) 1,4-Dioxane                | 3.449  | 88   | 87486    | 56.738  | ng    | # 59     |
| 3) Pyridine                   | 3.843  | 79   | 207054   | 44.996  | ng    | 94       |
| 4) n-Nitrosodimethylamine     | 3.749  | 42   | 145778   | 60.262  | ng    | # 89     |
| 6) Aniline                    | 7.286  | 93   | 156750   | 19.759  | ng    | 96       |
| 8) 2-Chlorophenol             | 7.521  | 128  | 256015   | 57.550  | ng    | 96       |
| 9) Benzaldehyde               | 7.098  | 77   | 16028    | 3.002   | ng    | 91       |
| 10) Phenol                    | 7.145  | 94   | 338604   | 47.095  | ng    | 99       |
| 11) bis(2-Chloroethyl)ether   | 7.380  | 93   | 250083   | 49.982  | ng    | 91       |
| 12) 1,3-Dichlorobenzene       | 7.850  | 146  | 287800   | 44.952  | ng    | 97       |
| 13) 1,4-Dichlorobenzene       | 7.997  | 146  | 299687   | 45.218  | ng    | 94       |
| 14) 1,2-Dichlorobenzene       | 8.314  | 146  | 278361   | 42.841  | ng    | 95       |
| 15) Benzyl Alcohol            | 8.197  | 79   | 343746   | 48.393  | ng    | 96       |
| 16) 2,2'-oxybis(1-Chloropr... | 8.490  | 45   | 114043   | 43.400  | ng    | 96       |
| 17) 2-Methylphenol            | 8.396  | 107  | 224058   | 46.246  | ng    | 92       |
| 18) Hexachloroethane          | 9.043  | 117  | 105270   | 40.937  | ng    | 85       |
| 19) n-Nitroso-di-n-propyla... | 8.767  | 70   | 232762   | 43.210  | ng    | # 91     |
| 20) 3+4-Methylphenols         | 8.725  | 107  | 306737   | 44.617  | ng    | 95       |
| 22) Acetophenone              | 8.778  | 105  | 475856   | 48.581  | ng    | 97       |
| 24) Nitrobenzene              | 9.166  | 77   | 387785   | 45.195  | ng    | 95       |
| 25) Isophorone                | 9.683  | 82   | 654989   | 44.428  | ng    | # 94     |
| 26) 2-Nitrophenol             | 9.877  | 139  | 136884   | 50.166  | ng    | 92       |
| 27) 2,4-Dimethylphenol        | 9.930  | 122  | 205083   | 54.755  | ng    | 92       |
| 28) bis(2-Chloroethoxy)met... | 10.171 | 93   | 318959   | 46.049  | ng    | 96       |
| 29) 2,4-Dichlorophenol        | 10.406 | 162  | 392186   | 52.589  | ng    | 98       |
| 30) 1,2,4-Trichlorobenzene    | 10.629 | 180  | 506869   | 46.610  | ng    | # 94     |
| 31) Naphthalene               | 10.817 | 128  | 749543   | 47.570  | ng    | # 95     |
| 32) Benzoic acid              | 10.053 | 122  | 167367   | 46.861  | ng    | 94       |
| 33) 4-Chloroaniline           | 10.917 | 127  | 33969    | 5.528   | ng    | 93       |
| 34) Hexachlorobutadiene       | 11.105 | 225  | 550788   | 45.174  | ng    | 98       |
| 35) Caprolactam               | 11.698 | 113  | 42593    | 27.156  | ng    | 89       |
| 36) 4-Chloro-3-methylphenol   | 12.039 | 107  | 322814   | 52.565  | ng    | 92       |
| 37) 2-Methylnaphthalene       | 12.427 | 142  | 633447   | 47.364  | ng    | 99       |
| 38) 1-Methylnaphthalene       | 12.644 | 142  | 618830   | 47.380  | ng    | 97       |
| 40) 1,2,4,5-Tetrachloroben... | 12.791 | 216  | 1078043  | 48.306  | ng    | 98       |
| 41) Hexachlorocyclopentadiene | 12.774 | 237  | 1137229  | 100.567 | ng    | 95       |
| 43) 2,4,6-Trichlorophenol     | 13.026 | 196  | 560729   | 49.068  | ng    | 99       |

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 Misc :  
 ALS Vial : 12 Sample Multiplier: 1

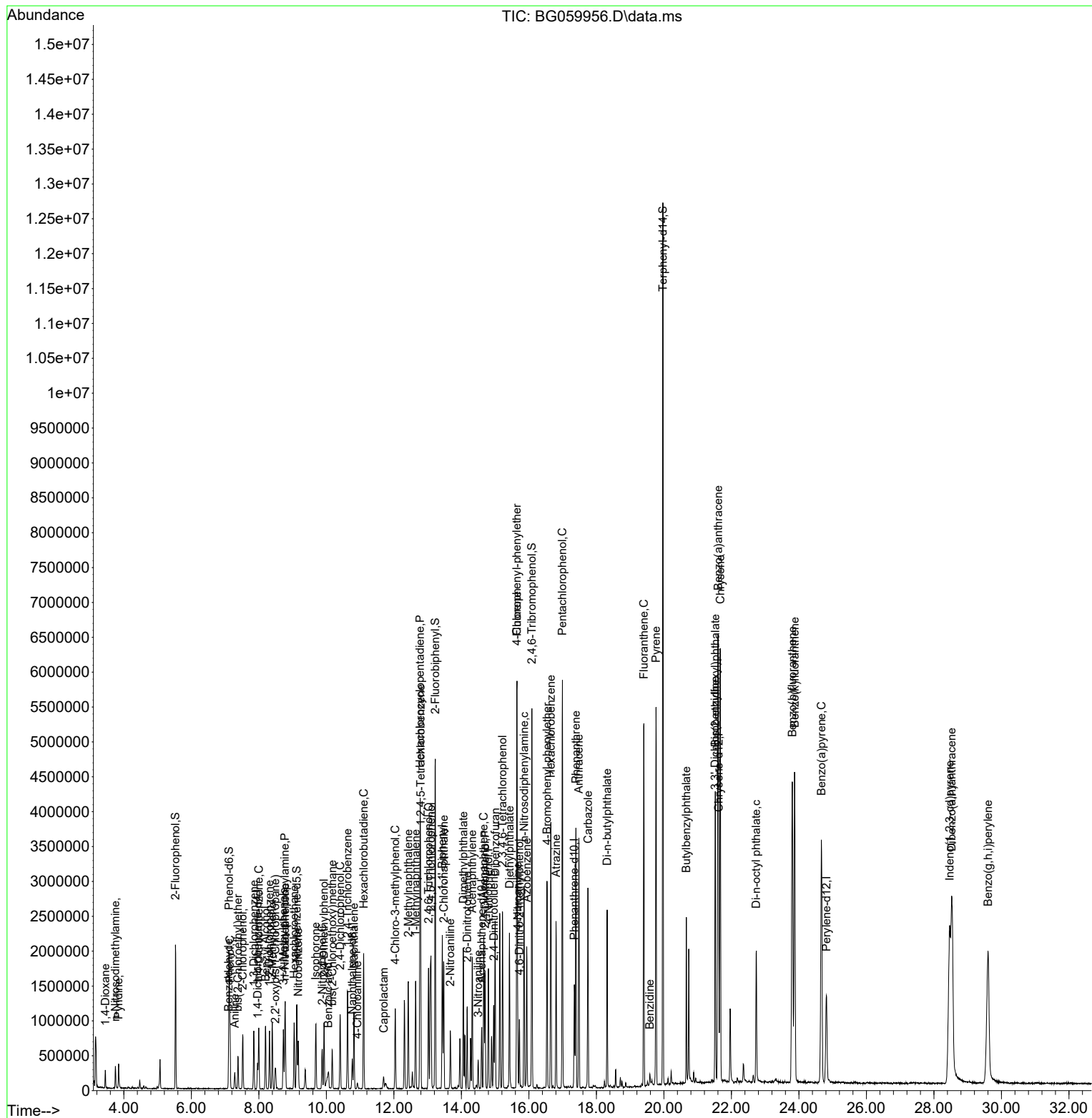
Instrument :  
 BNA\_G  
 ClientSampleId :  
 TP-1MS

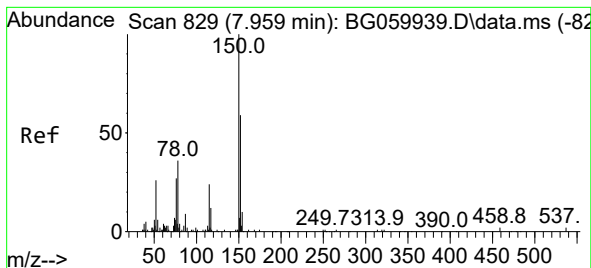
Quant Time: Dec 05 22:40:52 2023  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_G\Methods\8270-BG120423.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Tue Dec 05 02:26:15 2023  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc    | Units | Dev(Min) |
|-------------------------------|--------|------|----------|---------|-------|----------|
| 44) 2,4,5-Trichlorophenol     | 13.097 | 196  | 623782   | 49.639  | ng    | 97       |
| 46) 1,1'-Biphenyl             | 13.432 | 154  | 1126837  | 49.323  | ng    | 100      |
| 47) 2-Chloronaphthalene       | 13.479 | 162  | 941180   | 46.045  | ng    | 97       |
| 48) 2-Nitroaniline            | 13.673 | 65   | 202914   | 52.372  | ng    | 98       |
| 49) Acenaphthylene            | 14.319 | 152  | 1364512  | 49.879  | ng    | 100      |
| 50) Dimethylphthalate         | 14.054 | 163  | 1297454  | 48.754  | ng    | 98       |
| 51) 2,6-Dinitrotoluene        | 14.172 | 165  | 277635   | 47.618  | ng    | 91       |
| 52) Acenaphthene              | 14.660 | 154  | 857469   | 43.428  | ng    | 90       |
| 53) 3-Nitroaniline            | 14.501 | 138  | 89658    | 24.787  | ng    | # 75     |
| 54) 2,4-Dinitrophenol         | 14.701 | 184  | 512919   | 100.860 | ng    | 96       |
| 55) Dibenzofuran              | 15.000 | 168  | 1617129  | 48.557  | ng    | 97       |
| 56) 4-Nitrophenol             | 14.801 | 139  | 281579   | 89.699  | ng    | # 85     |
| 57) 2,4-Dinitrotoluene        | 14.959 | 165  | 377820   | 46.592  | ng    | # 96     |
| 58) Fluorene                  | 15.647 | 166  | 1386490  | 48.922  | ng    | 99       |
| 59) 2,3,4,6-Tetrachlorophenol | 15.218 | 232  | 744400   | 49.796  | ng    | 99       |
| 60) Diethylphthalate          | 15.423 | 149  | 1121654  | 47.322  | ng    | 96       |
| 61) 4-Chlorophenyl-phenyle... | 15.641 | 204  | 1219750  | 47.444  | ng    | 96       |
| 62) 4-Nitroaniline            | 15.664 | 138  | 172298   | 41.383  | ng    | 94       |
| 63) Azobenzene                | 15.935 | 77   | 1066996  | 43.392  | ng    | 95       |
| 65) 4,6-Dinitro-2-methylph... | 15.717 | 198  | 372508   | 45.757  | ng    | 91       |
| 66) n-Nitrosodiphenylamine    | 15.858 | 169  | 1253887  | 51.407  | ng    | 98       |
| 67) 4-Bromophenyl-phenylether | 16.540 | 248  | 897722   | 49.209  | ng    | 97       |
| 68) Hexachlorobenzene         | 16.651 | 284  | 1015614  | 50.104  | ng    | 98       |
| 69) Atrazine                  | 16.804 | 200  | 710870   | 59.067  | ng    | 98       |
| 70) Pentachlorophenol         | 16.992 | 266  | 1396774  | 95.093  | ng    | 98       |
| 71) Phenanthrene              | 17.392 | 178  | 2517693  | 50.073  | ng    | 98       |
| 72) Anthracene                | 17.480 | 178  | 2523546  | 49.102  | ng    | 99       |
| 73) Carbazole                 | 17.750 | 167  | 1915365  | 49.035  | ng    | 99       |
| 74) Di-n-butylphthalate       | 18.320 | 149  | 1747722  | 51.730  | ng    | 99       |
| 75) Fluoranthene              | 19.407 | 202  | 3732860  | 45.174  | ng    | 99       |
| 77) Benzidine                 | 19.583 | 184  | 209809   | 16.406  | ng    | 95       |
| 78) Pyrene                    | 19.765 | 202  | 3790145  | 46.936  | ng    | 93       |
| 80) Butylbenzylphthalate      | 20.664 | 149  | 621087   | 54.219  | ng    | 94       |
| 81) Benzo(a)anthracene        | 21.604 | 228  | 4751959  | 46.937  | ng    | 94       |
| 82) 3,3'-Dichlorobenzidine    | 21.516 | 252  | 1004814  | 30.220  | ng    | 95       |
| 83) Chrysene                  | 21.669 | 228  | 4440263  | 46.780  | ng    | 93       |
| 84) Bis(2-ethylhexyl)phtha... | 21.522 | 149  | 975777   | 55.669  | ng    | 98       |
| 85) Di-n-octyl phthalate      | 22.732 | 149  | 1726887  | 57.008  | ng    | 98       |
| 87) Indeno(1,2,3-cd)pyrene    | 28.467 | 276  | 6612111  | 53.486  | ng    | # 99     |
| 88) Benzo(b)fluoranthene      | 23.802 | 252  | 5357392  | 51.773  | ng    | # 96     |
| 89) Benzo(k)fluoranthene      | 23.872 | 252  | 5022090  | 49.807  | ng    | # 94     |
| 90) Benzo(a)pyrene            | 24.666 | 252  | 4685197  | 50.698  | ng    | 98       |
| 91) Dibenzo(a,h)anthracene    | 28.526 | 278  | 5667667  | 53.998  | ng    | 98       |
| 92) Benzo(g,h,i)perylene      | 29.601 | 276  | 5119390  | 50.431  | ng    | # 96     |

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

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#1

1,4-Dichlorobenzene-d4

Concen: 20.000 ng

RT: 7.962 min Scan# 81

Delta R.T. 0.003 min

Lab File: BG059956.D

Acq: 5 Dec 2023 19:29

Instrument :

BNA\_G

ClientSampleId :

TP-1MS

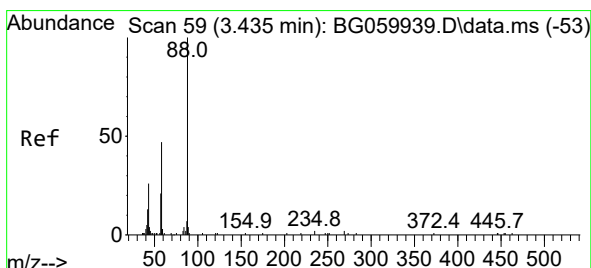
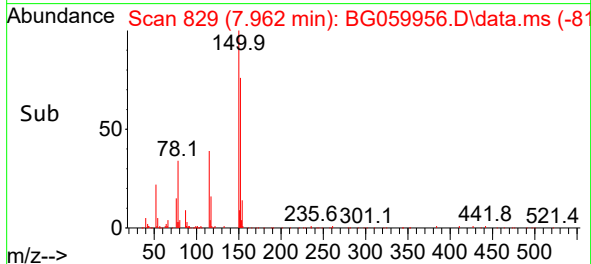
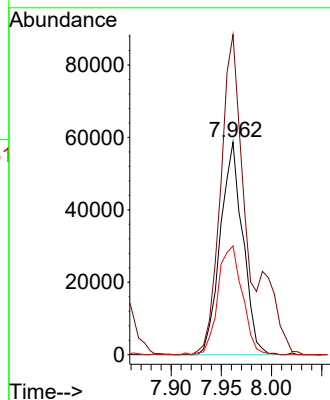
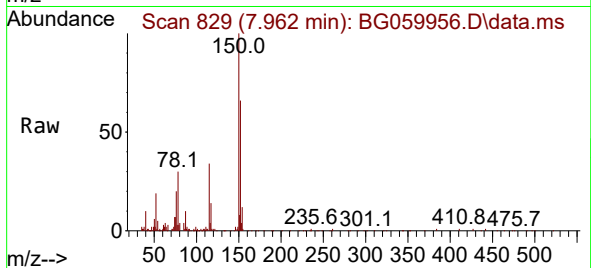
Tgt Ion:152 Resp: 91632

Ion Ratio Lower Upper

152 100

150 150.6 136.9 205.3

115 51.3 32.9 49.3#



#2

1,4-Dioxane

Concen: 56.738 ng

RT: 3.449 min Scan# 61

Delta R.T. 0.014 min

Lab File: BG059956.D

Acq: 5 Dec 2023 19:29

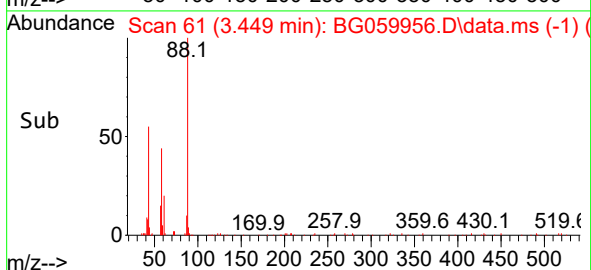
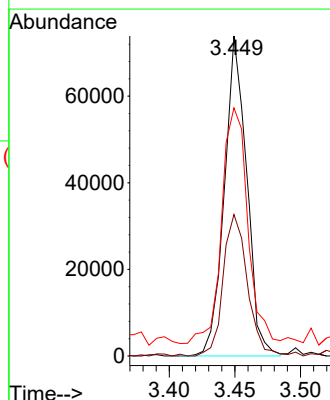
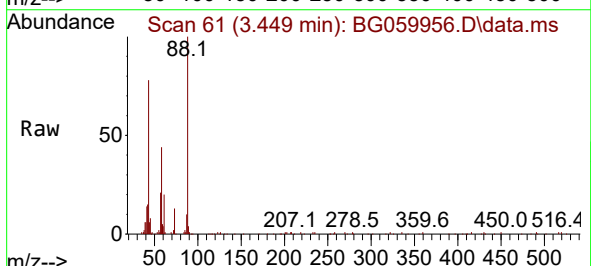
Tgt Ion: 88 Resp: 87486

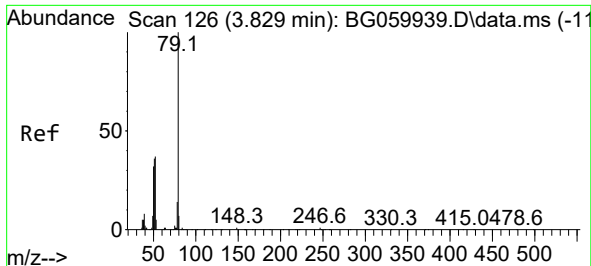
Ion Ratio Lower Upper

88 100

58 47.7 38.2 57.2

43 85.2 21.0 31.4#





#3

Pyridine

Concen: 44.996 ng

RT: 3.843 min Scan# 11

Delta R.T. 0.014 min

Lab File: BG059956.D

Acq: 5 Dec 2023 19:29

Instrument :

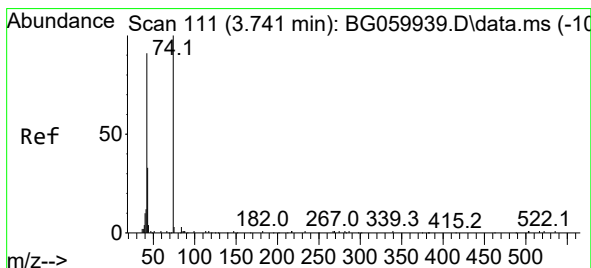
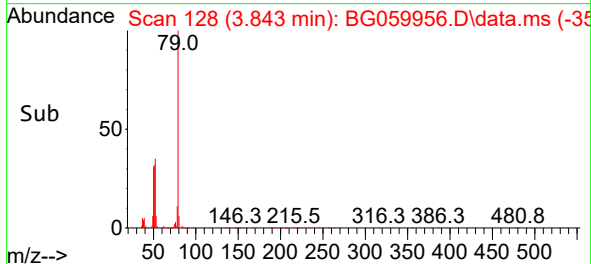
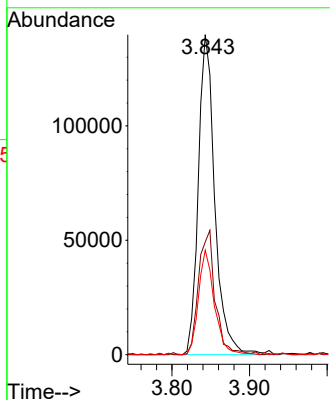
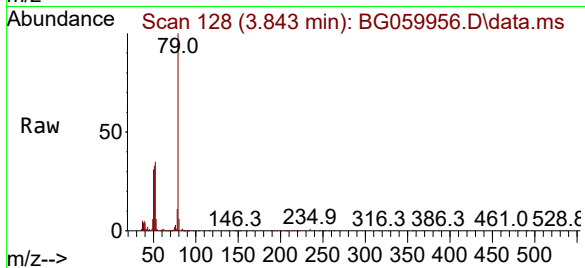
BNA\_G

ClientSampleId :

TP-1MS

Tgt Ion: 79 Resp: 207054

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 79  | 100   |       |       |
| 52  | 35.2  | 29.8  | 44.8  |
| 51  | 32.7  | 30.3  | 45.5  |



#4

n-Nitrosodimethylamine

Concen: 60.262 ng

RT: 3.749 min Scan# 112

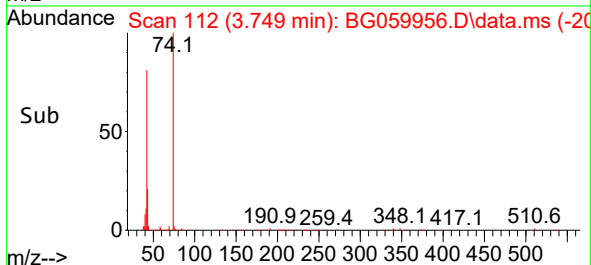
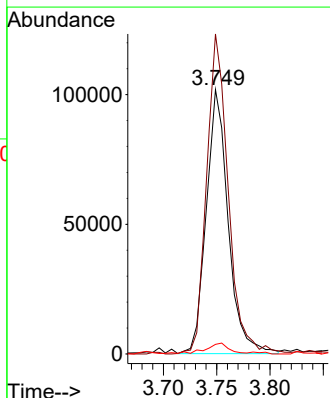
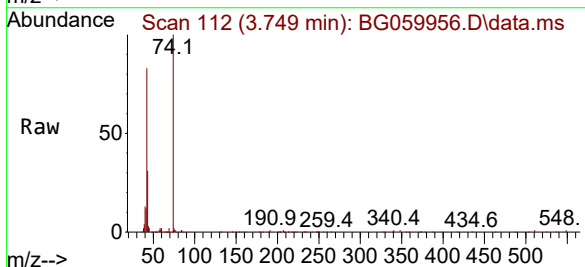
Delta R.T. 0.008 min

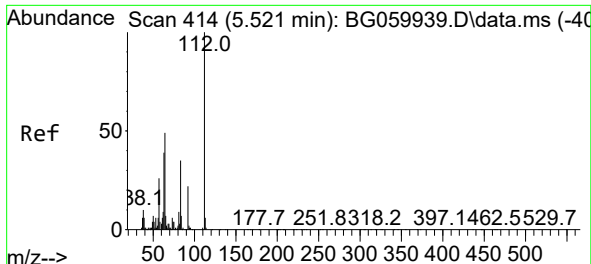
Lab File: BG059956.D

Acq: 5 Dec 2023 19:29

Tgt Ion: 42 Resp: 145778

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 42  | 100   |       |       |
| 74  | 121.0 | 87.4  | 131.2 |
| 44  | 3.6   | 3.7   | 5.5   |

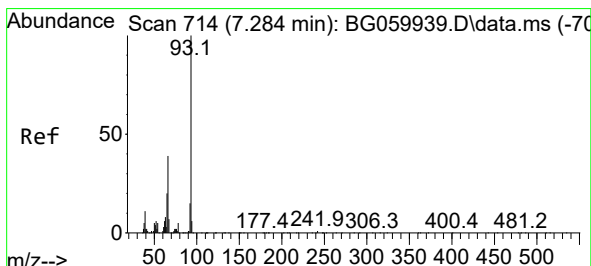
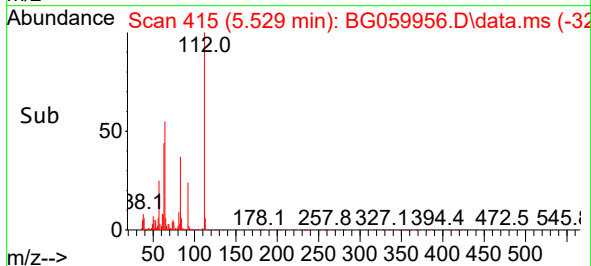
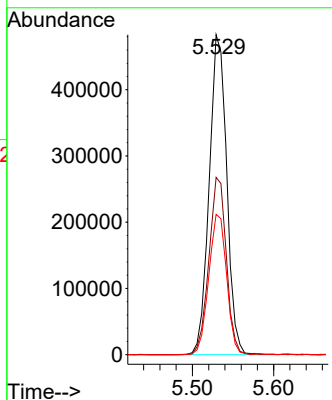
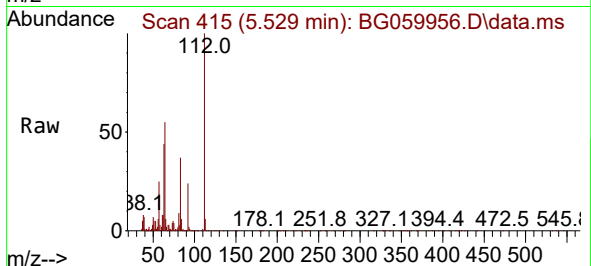




#5  
2-Fluorophenol  
Concen: 158.412 ng  
RT: 5.529 min Scan# 414  
Delta R.T. 0.008 min  
Lab File: BG059956.D  
Acq: 5 Dec 2023 19:29

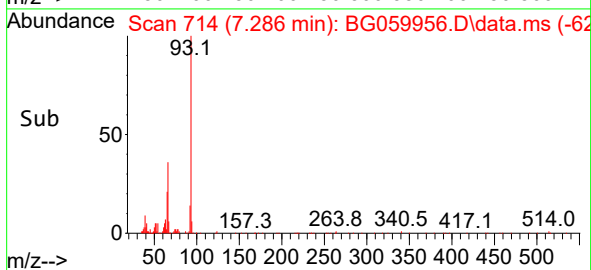
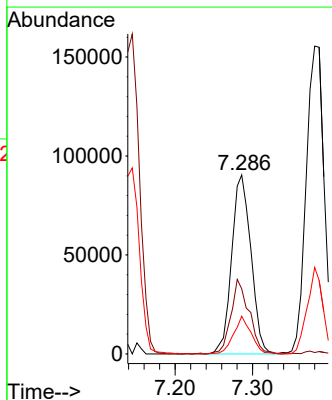
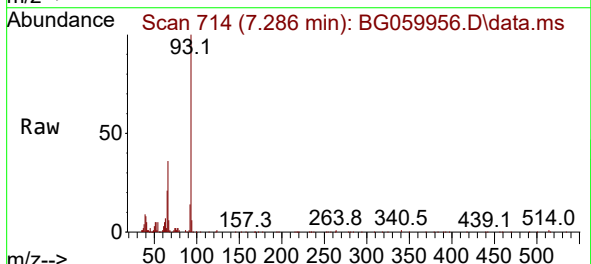
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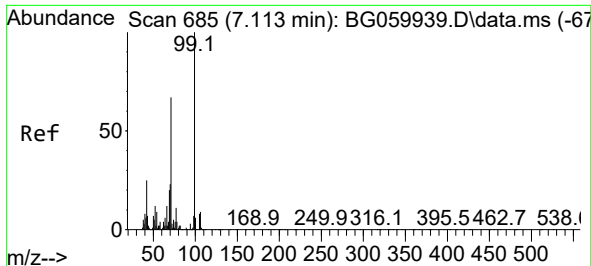
Tgt Ion:112 Resp: 722445  
Ion Ratio Lower Upper  
112 100  
64 55.4 39.4 59.0  
63 43.9 31.2 46.8



#6  
Aniline  
Concen: 19.759 ng  
RT: 7.286 min Scan# 714  
Delta R.T. 0.002 min  
Lab File: BG059956.D  
Acq: 5 Dec 2023 19:29

Tgt Ion: 93 Resp: 156750  
Ion Ratio Lower Upper  
93 100  
66 36.4 31.4 47.0  
65 21.1 16.2 24.2

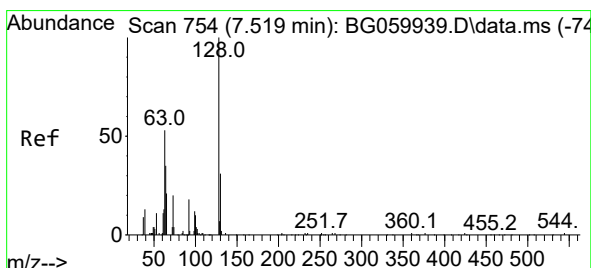
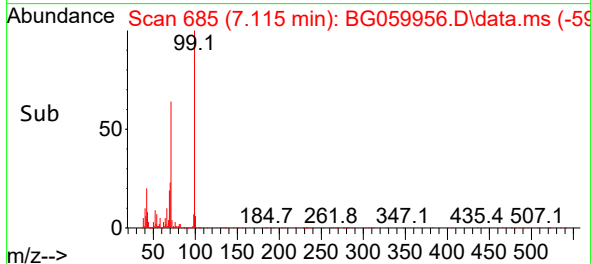
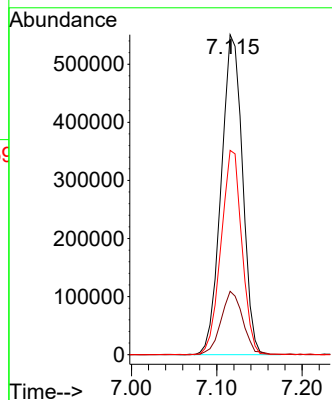
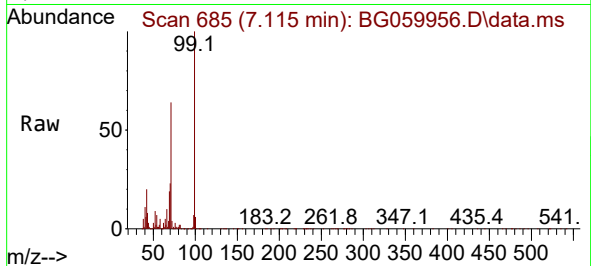




#7  
Phenol-d6  
Concen: 133.316 ng  
RT: 7.115 min Scan# 685  
Delta R.T. 0.002 min  
Lab File: BG059956.D  
Acq: 5 Dec 2023 19:29

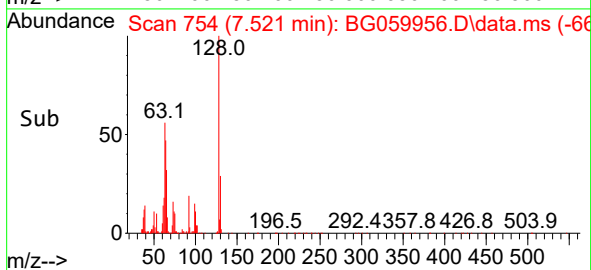
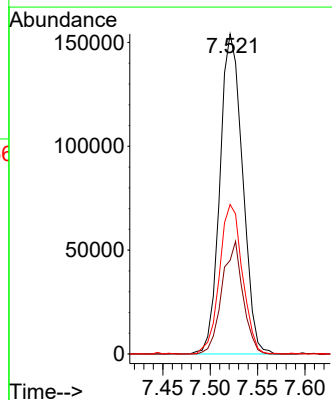
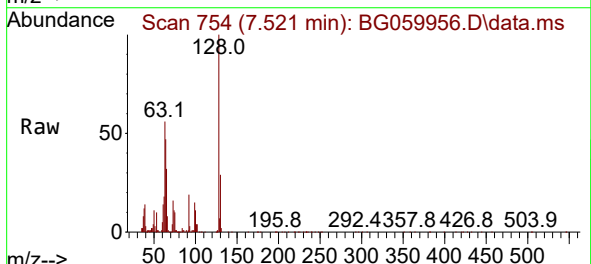
Instrument :  
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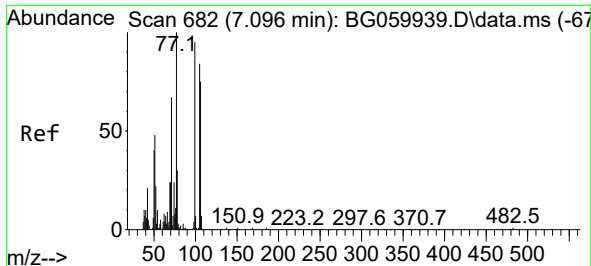
Tgt Ion: 99 Resp: 958275  
Ion Ratio Lower Upper  
99 100  
42 19.8 20.1 30.1#  
71 63.8 53.8 80.6



#8  
2-Chlorophenol  
Concen: 57.550 ng  
RT: 7.521 min Scan# 754  
Delta R.T. 0.002 min  
Lab File: BG059956.D  
Acq: 5 Dec 2023 19:29

Tgt Ion: 128 Resp: 256015  
Ion Ratio Lower Upper  
128 100  
130 29.3 10.9 50.9  
64 46.7 30.3 70.3

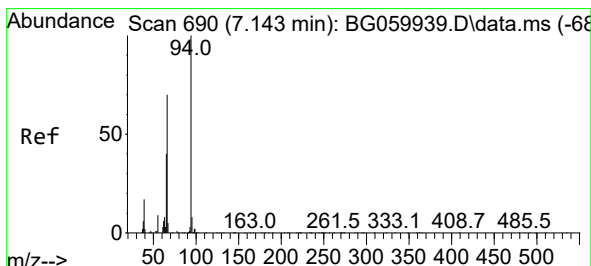
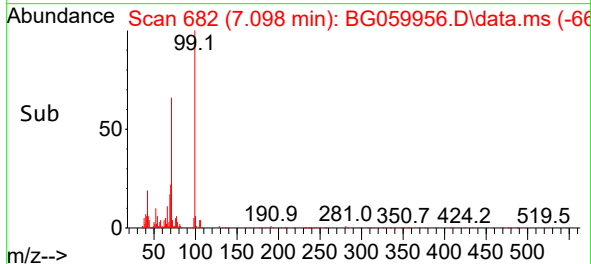
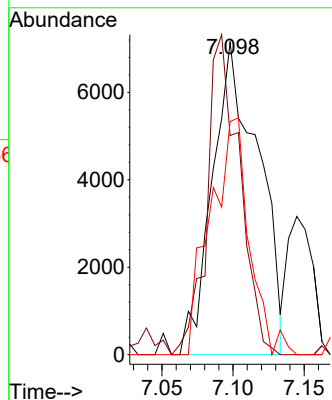
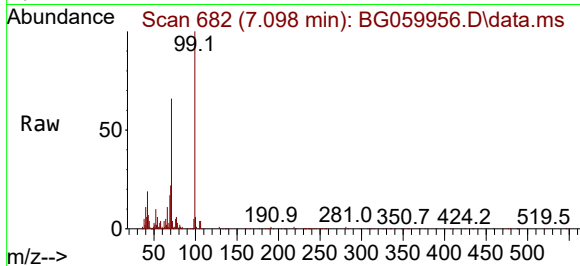




#9  
Benzaldehyde  
Concen: 3.002 ng  
RT: 7.098 min Scan# 61  
Delta R.T. 0.002 min  
Lab File: BG059956.D  
Acq: 5 Dec 2023 19:29

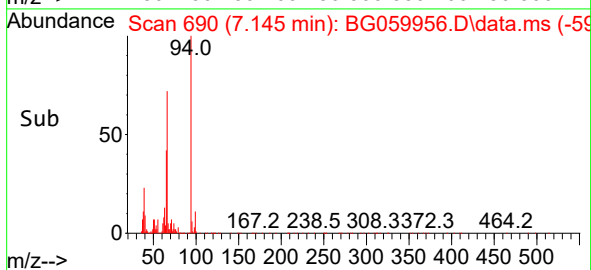
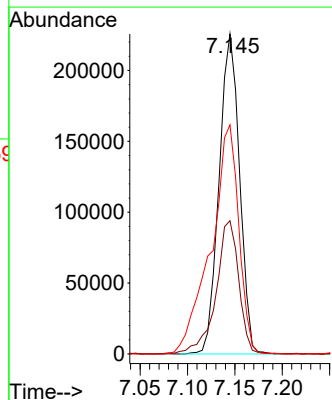
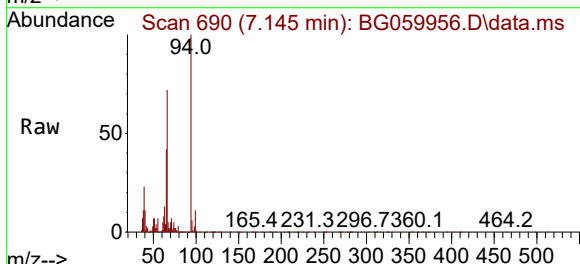
Instrument :  
BNA\_G  
ClientSampleId :  
TP-1MS

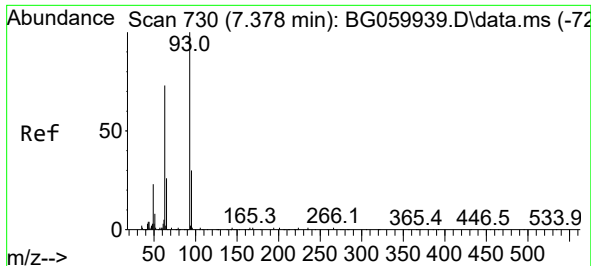
Tgt Ion: 77 Resp: 16028  
Ion Ratio Lower Upper  
77 100  
105 70.1 64.2 104.2  
106 74.6 55.6 95.6



#10  
Phenol  
Concen: 47.095 ng  
RT: 7.145 min Scan# 690  
Delta R.T. 0.002 min  
Lab File: BG059956.D  
Acq: 5 Dec 2023 19:29

Tgt Ion: 94 Resp: 338604  
Ion Ratio Lower Upper  
94 100  
65 41.6 20.6 60.6  
66 71.6 52.1 92.1

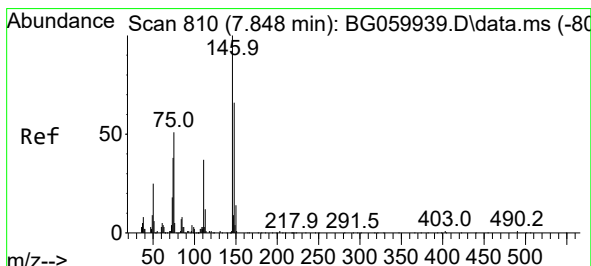
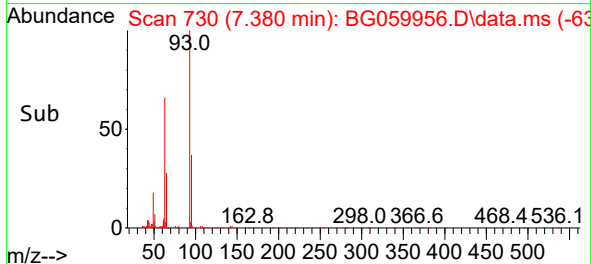
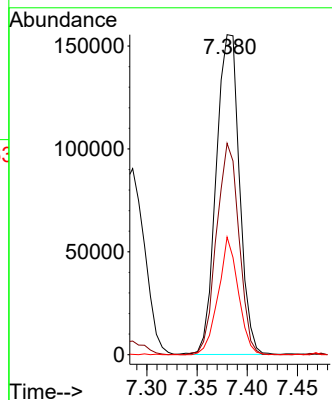
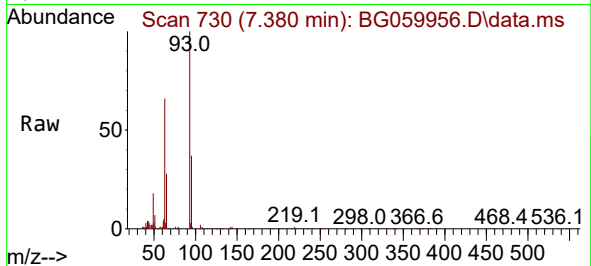




#11  
bis(2-Chloroethyl)ether  
Concen: 49.982 ng  
RT: 7.380 min Scan# 71  
Delta R.T. 0.002 min  
Lab File: BG059956.D  
Acq: 5 Dec 2023 19:29

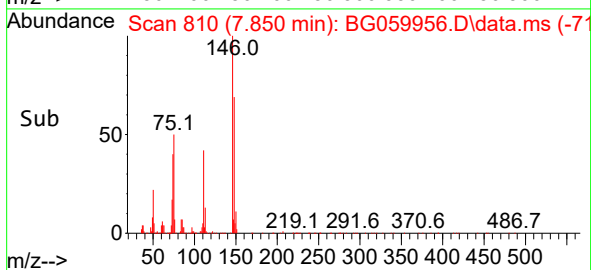
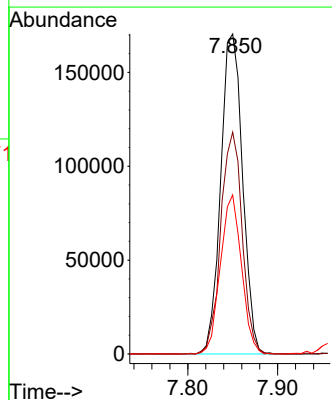
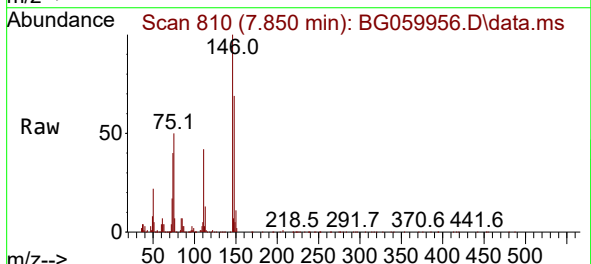
Instrument :  
BNA\_G  
ClientSampleId :  
TP-1MS

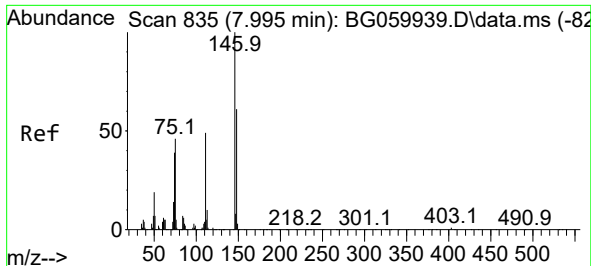
Tgt Ion: 93 Resp: 250083  
Ion Ratio Lower Upper  
93 100  
63 66.0 52.9 92.9  
95 36.8 9.9 49.9



#12  
1,3-Dichlorobenzene  
Concen: 44.952 ng  
RT: 7.850 min Scan# 810  
Delta R.T. 0.002 min  
Lab File: BG059956.D  
Acq: 5 Dec 2023 19:29

Tgt Ion:146 Resp: 287800  
Ion Ratio Lower Upper  
146 100  
148 69.3 52.9 79.3  
75 49.7 40.7 61.1

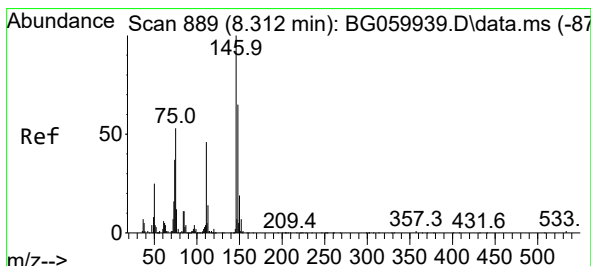
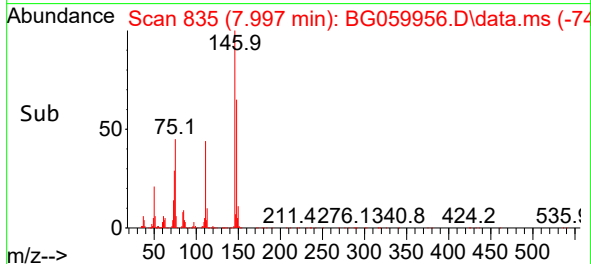
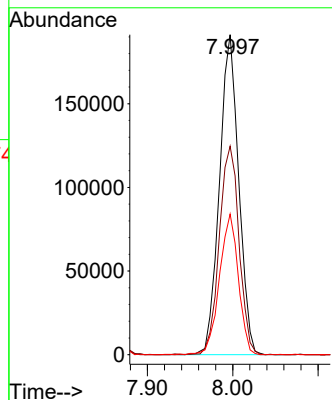
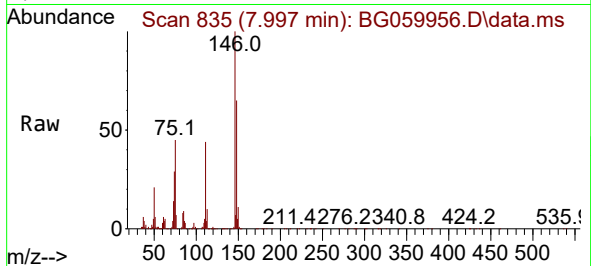




#13  
1,4-Dichlorobenzene  
Concen: 45.218 ng  
RT: 7.997 min Scan# 81  
Delta R.T. 0.002 min  
Lab File: BG059956.D  
Acq: 5 Dec 2023 19:29

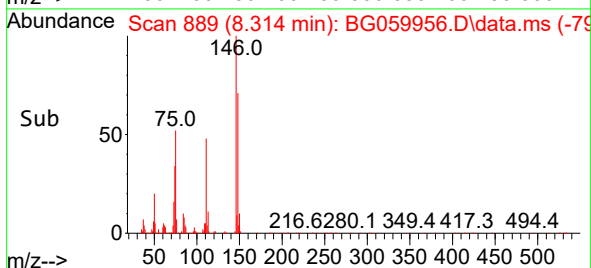
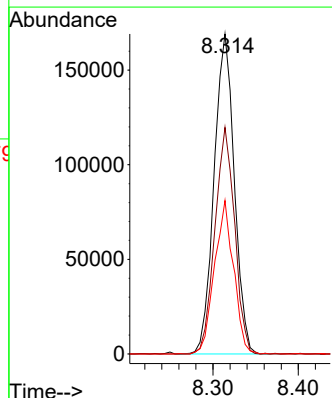
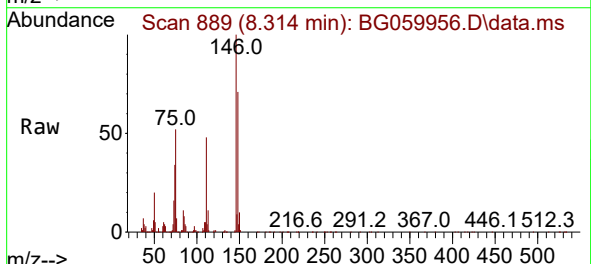
Instrument :  
BNA\_G  
ClientSampleId :  
TP-1MS

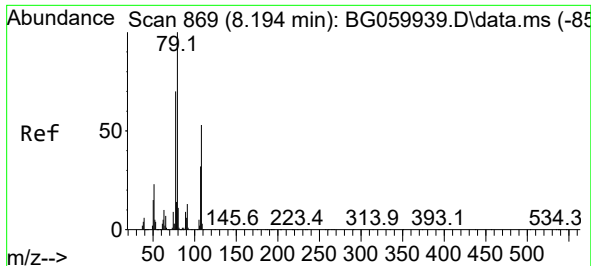
Tgt Ion:146 Resp: 299687  
Ion Ratio Lower Upper  
146 100  
148 65.2 48.8 73.2  
111 43.9 39.1 58.7



#14  
1,2-Dichlorobenzene  
Concen: 42.841 ng  
RT: 8.314 min Scan# 889  
Delta R.T. 0.002 min  
Lab File: BG059956.D  
Acq: 5 Dec 2023 19:29

Tgt Ion:146 Resp: 278361  
Ion Ratio Lower Upper  
146 100  
148 70.8 52.4 78.6  
111 48.0 36.7 55.1

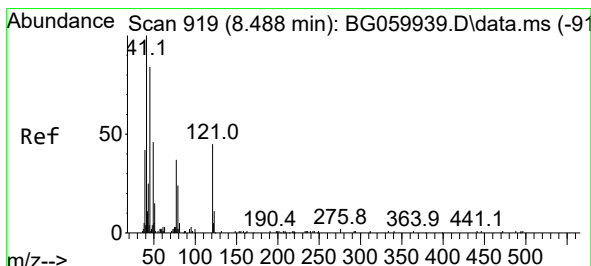
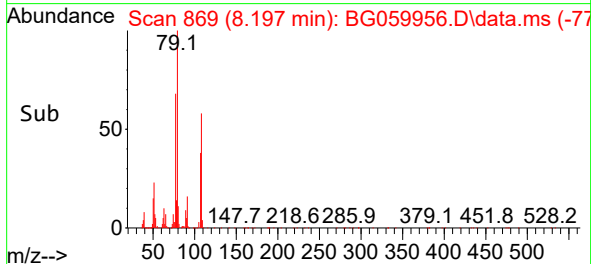
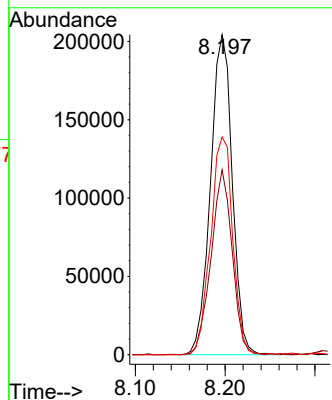
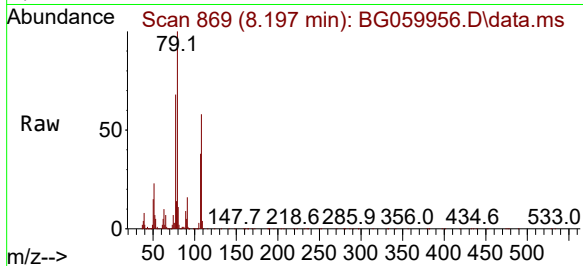




#15  
Benzyl Alcohol  
Concen: 48.393 ng  
RT: 8.197 min Scan# 869  
Delta R.T. 0.002 min  
Lab File: BG059956.D  
Acq: 5 Dec 2023 19:29

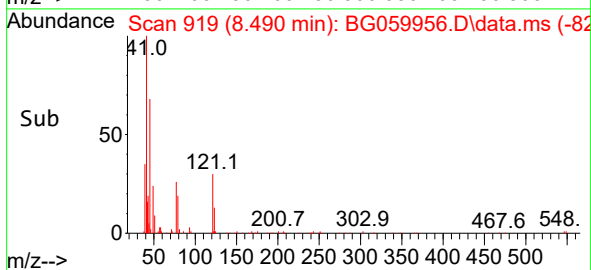
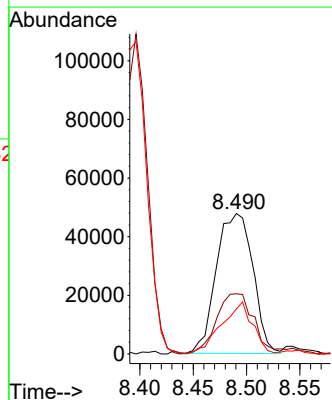
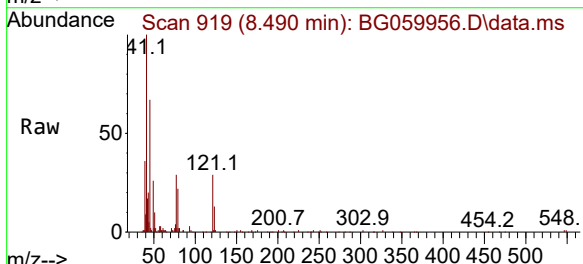
Instrument :  
BNA\_G  
ClientSampleId :  
TP-1MS

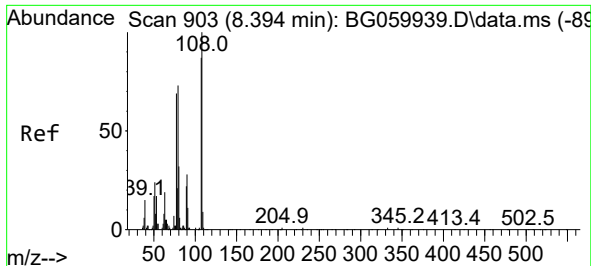
Tgt Ion: 79 Resp: 343746  
Ion Ratio Lower Upper  
79 100  
108 57.8 42.7 64.1  
77 68.0 56.3 84.5



#16  
2,2'-oxybis(1-Chloropropane)  
Concen: 43.400 ng  
RT: 8.490 min Scan# 919  
Delta R.T. 0.002 min  
Lab File: BG059956.D  
Acq: 5 Dec 2023 19:29

Tgt Ion: 45 Resp: 114043  
Ion Ratio Lower Upper  
45 100  
77 42.9 26.2 66.2  
79 32.0 11.2 51.2





#17

2-Methylphenol

Concen: 46.246 ng

RT: 8.396 min Scan# 90

Delta R.T. 0.002 min

Lab File: BG059956.D

Acq: 5 Dec 2023 19:29

Instrument :

BNA\_G

ClientSampleId :

TP-1MS

Tgt Ion:107 Resp: 224058

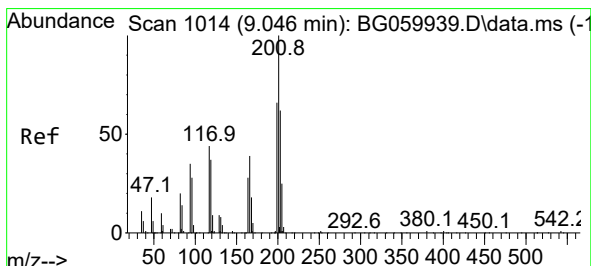
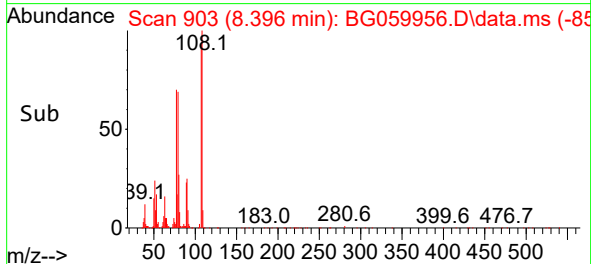
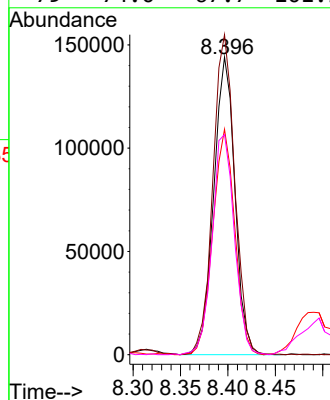
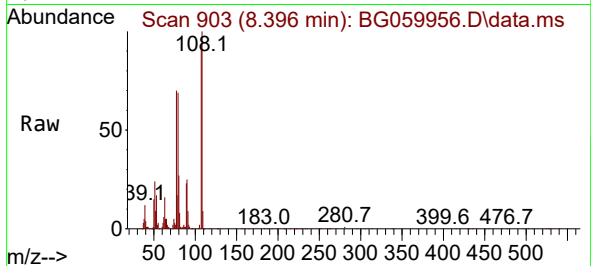
Ion Ratio Lower Upper

107 100

108 107.6 92.2 138.4

77 75.8 63.7 95.5

79 74.0 67.7 101.5



#18

Hexachloroethane

Concen: 40.937 ng

RT: 9.043 min Scan# 1013

Delta R.T. -0.004 min

Lab File: BG059956.D

Acq: 5 Dec 2023 19:29

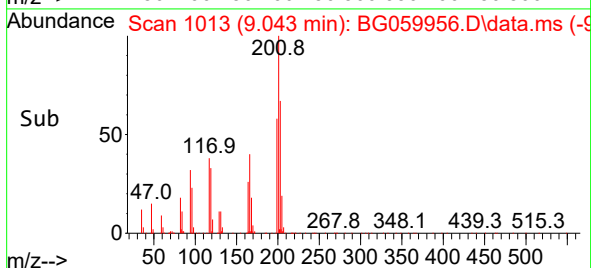
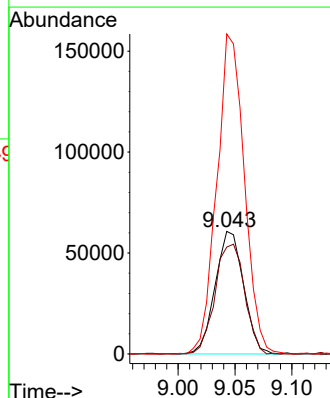
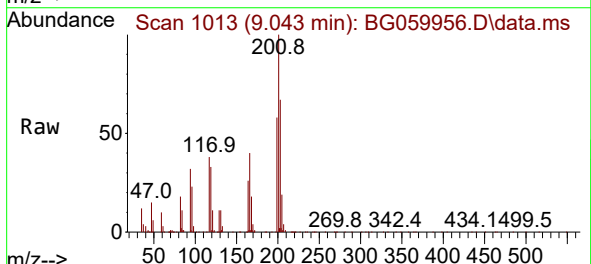
Tgt Ion:117 Resp: 105270

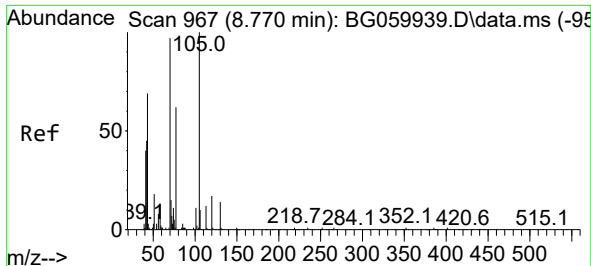
Ion Ratio Lower Upper

117 100

119 87.3 67.5 101.3

201 261.1 183.0 274.6





#19

n-Nitroso-di-n-propylamine

Concen: 43.210 ng

RT: 8.767 min Scan# 90

Delta R.T. -0.004 min

Lab File: BG059956.D

Acq: 5 Dec 2023 19:29

Instrument :

BNA\_G

ClientSampleId :

TP-1MS

Tgt Ion: 70 Resp: 232762

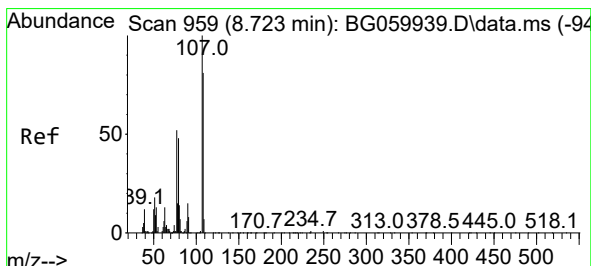
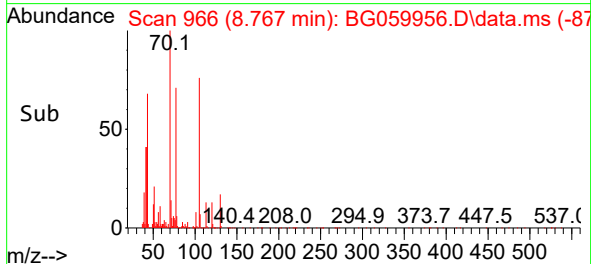
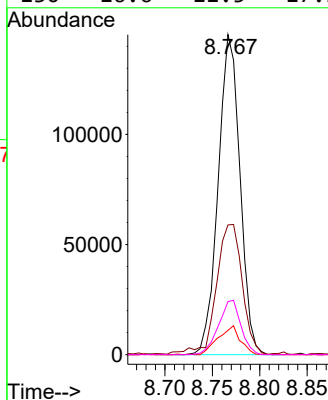
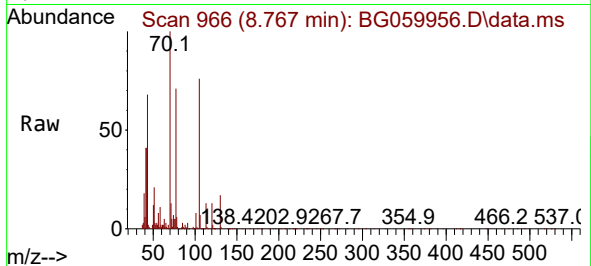
Ion Ratio Lower Upper

70 100

42 40.6 38.1 57.1

101 7.6 8.6 13.0#

130 16.6 11.5 17.3



#20

3+4-Methylphenols

Concen: 44.617 ng

RT: 8.725 min Scan# 959

Delta R.T. 0.002 min

Lab File: BG059956.D

Acq: 5 Dec 2023 19:29

Tgt Ion:107 Resp: 306737

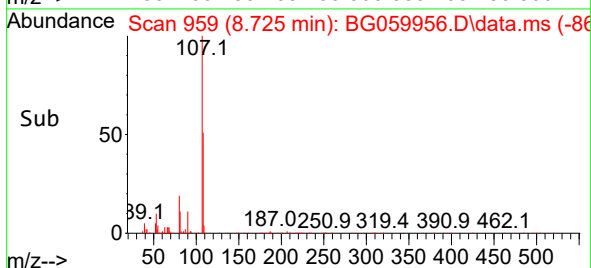
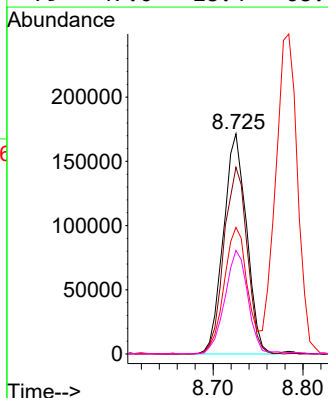
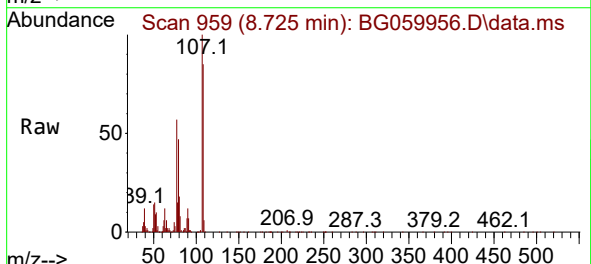
Ion Ratio Lower Upper

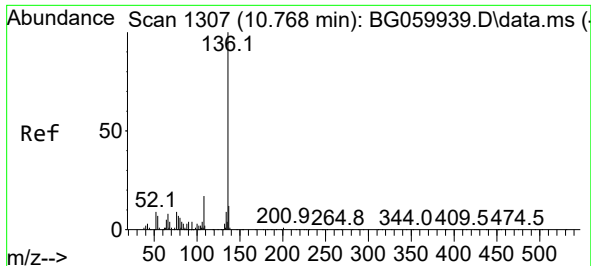
107 100

108 84.8 60.7 100.7

77 57.4 32.2 72.2

79 47.0 28.4 68.4

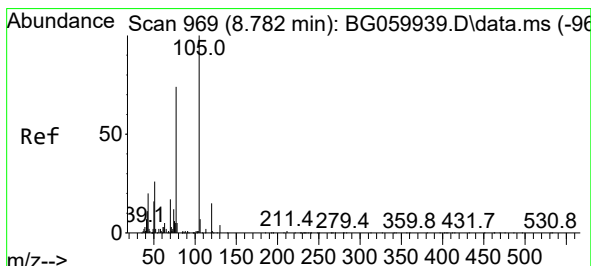
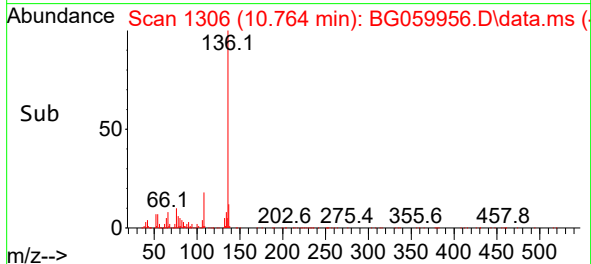
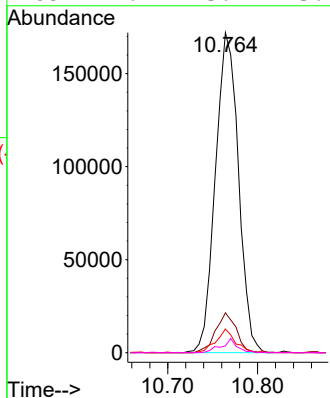
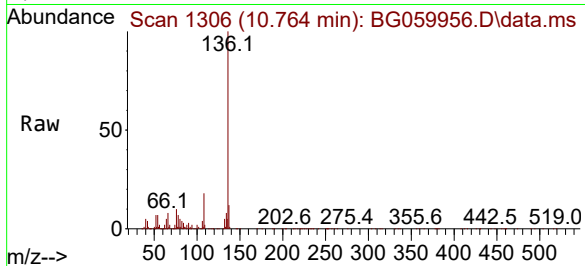




#21  
Naphthalene-d8  
Concen: 20.000 ng  
RT: 10.764 min Scan# 11  
Delta R.T. -0.004 min  
Lab File: BG059956.D  
Acq: 5 Dec 2023 19:29

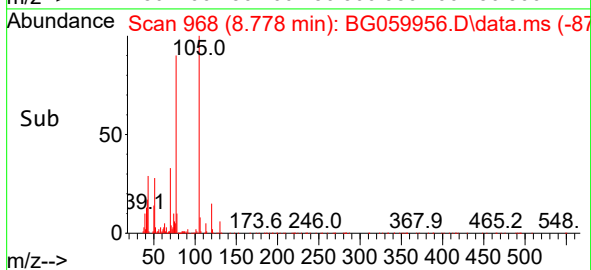
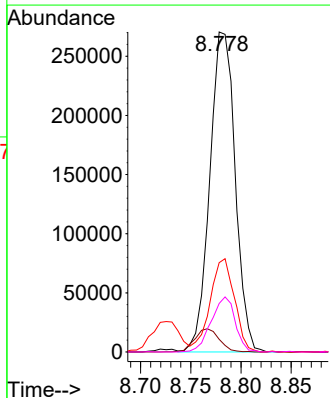
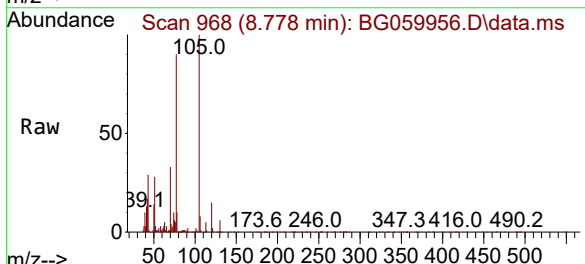
Instrument :  
BNA\_G  
ClientSampleId :  
TP-1MS

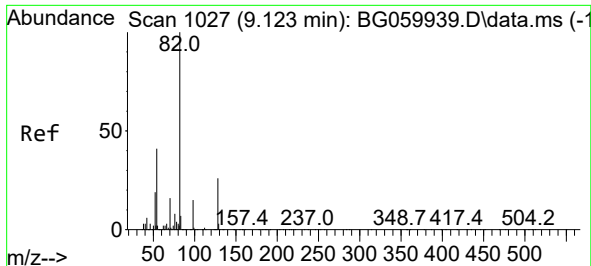
Tgt Ion:136 Resp: 306527  
Ion Ratio Lower Upper  
136 100  
137 12.5 9.8 14.6  
54 7.4 5.8 8.6  
68 2.1 3.4 5.2#



#22  
Acetophenone  
Concen: 48.581 ng  
RT: 8.778 min Scan# 968  
Delta R.T. -0.004 min  
Lab File: BG059956.D  
Acq: 5 Dec 2023 19:29

Tgt Ion:105 Resp: 475856  
Ion Ratio Lower Upper  
105 100  
71 4.0 3.0 4.4  
51 27.9 24.4 36.6  
120 15.1 12.2 18.2

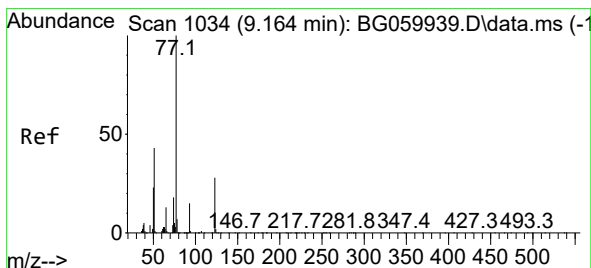
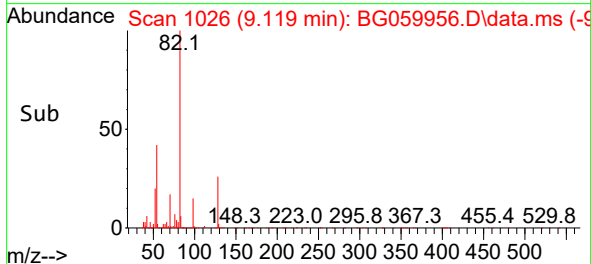
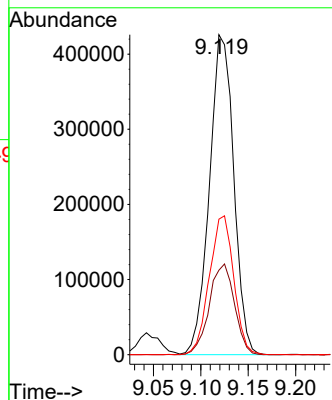
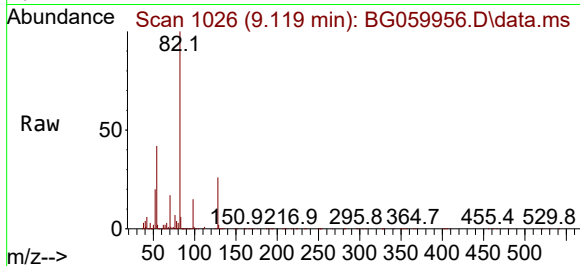




#23  
Nitrobenzene-d5  
Concen: 88.524 ng  
RT: 9.119 min Scan# 1026  
Delta R.T. -0.004 min  
Lab File: BG059956.D  
Acq: 5 Dec 2023 19:29

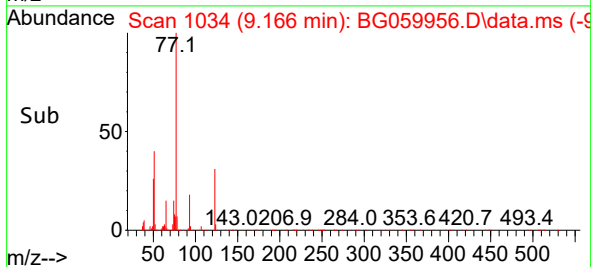
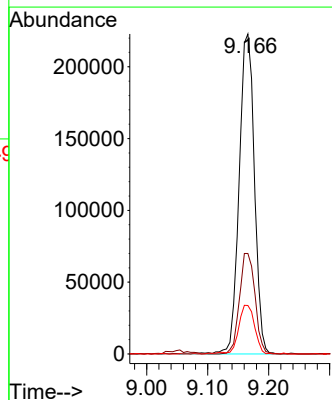
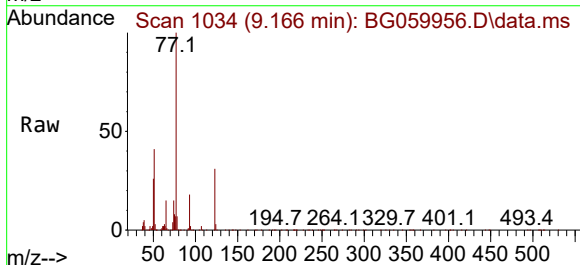
Instrument :  
BNA\_G  
ClientSampleId :  
TP-1MS

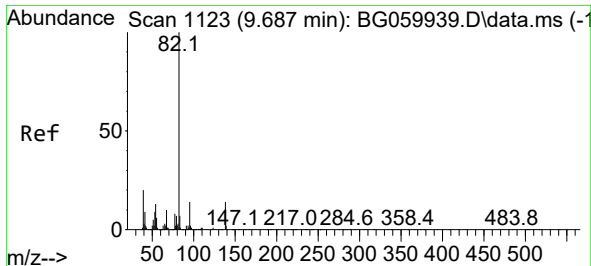
Tgt Ion: 82 Resp: 759085  
Ion Ratio Lower Upper  
82 100  
128 26.4 21.0 31.6  
54 42.4 32.6 48.8



#24  
Nitrobenzene  
Concen: 45.195 ng  
RT: 9.166 min Scan# 1034  
Delta R.T. 0.002 min  
Lab File: BG059956.D  
Acq: 5 Dec 2023 19:29

Tgt Ion: 77 Resp: 387785  
Ion Ratio Lower Upper  
77 100  
123 31.4 22.7 34.1  
65 15.2 10.6 16.0

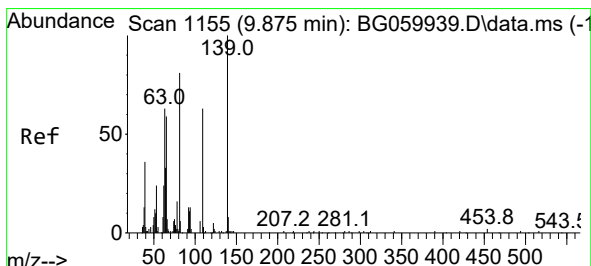
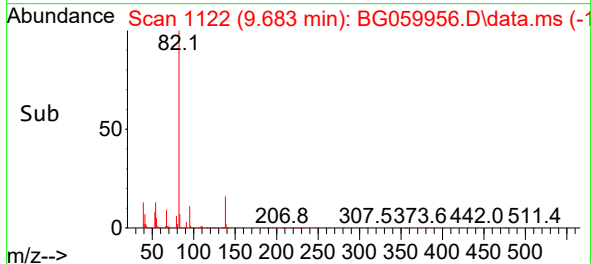
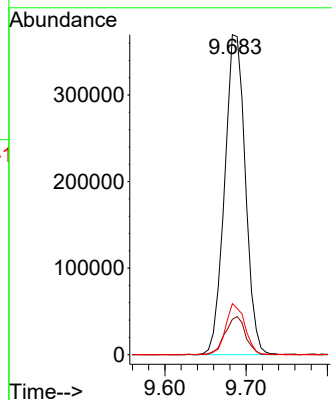
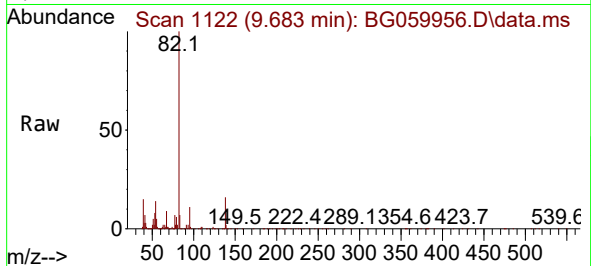




#25  
Isophorone  
Concen: 44.428 ng  
RT: 9.683 min Scan# 1122  
Delta R.T. -0.004 min  
Lab File: BG059956.D  
Acq: 5 Dec 2023 19:29

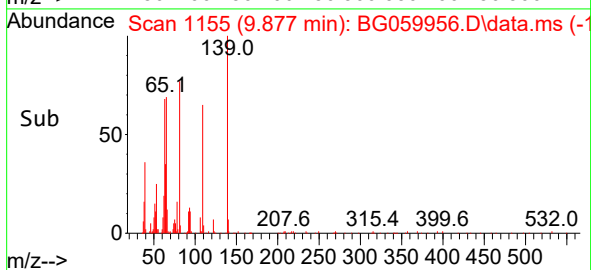
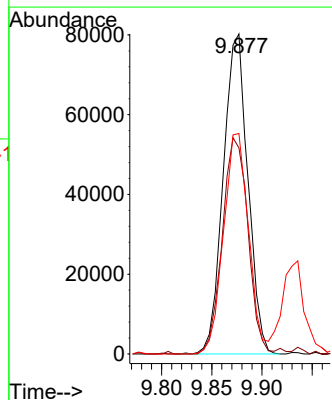
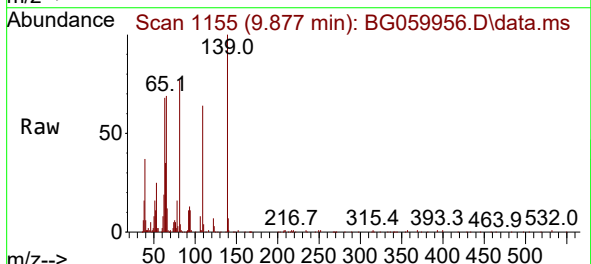
Instrument :  
BNA\_G  
ClientSampleId :  
TP-1MS

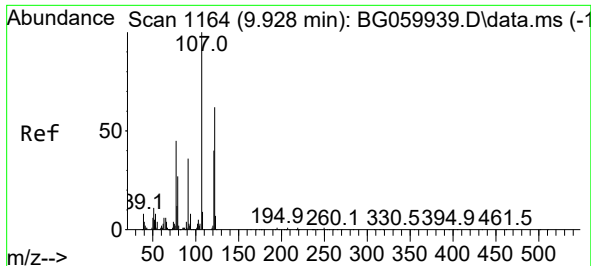
Tgt Ion: 82 Resp: 654989  
Ion Ratio Lower Upper  
82 100  
95 11.0 11.2 16.8#  
138 16.0 11.0 16.4



#26  
2-Nitrophenol  
Concen: 50.166 ng  
RT: 9.877 min Scan# 1155  
Delta R.T. 0.002 min  
Lab File: BG059956.D  
Acq: 5 Dec 2023 19:29

Tgt Ion:139 Resp: 136884  
Ion Ratio Lower Upper  
139 100  
109 64.4 50.2 75.2  
65 68.9 46.8 70.2





#27

2,4-Dimethylphenol

Concen: 54.755 ng

RT: 9.930 min Scan# 1164

Delta R.T. 0.002 min

Lab File: BG059956.D

Acq: 5 Dec 2023 19:29

Instrument :

BNA\_G

ClientSampleId :

TP-1MS

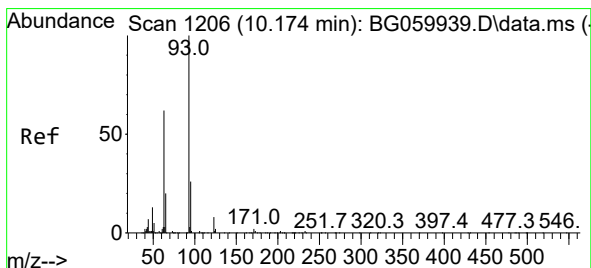
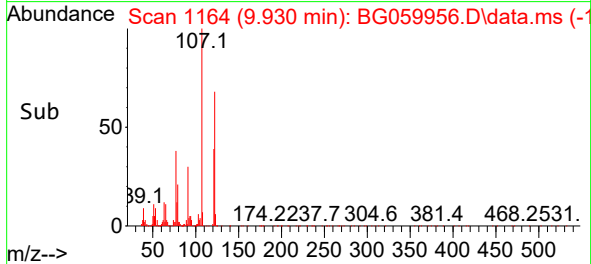
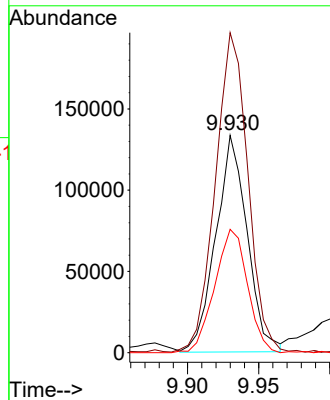
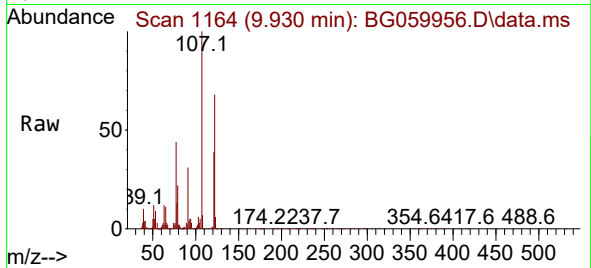
Tgt Ion:122 Resp: 205083

Ion Ratio Lower Upper

122 100

107 147.2 126.1 189.1

121 56.7 50.3 75.5



#28

bis(2-Chloroethoxy)methane

Concen: 46.049 ng

RT: 10.171 min Scan# 1205

Delta R.T. -0.004 min

Lab File: BG059956.D

Acq: 5 Dec 2023 19:29

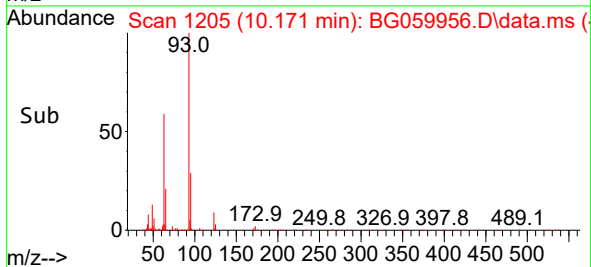
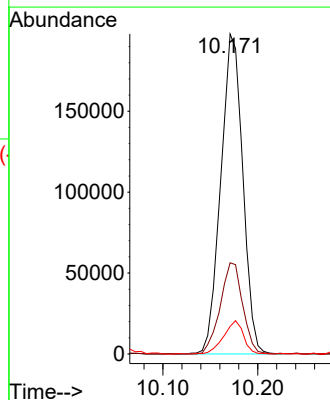
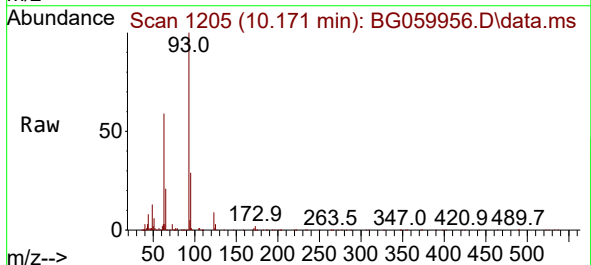
Tgt Ion: 93 Resp: 318959

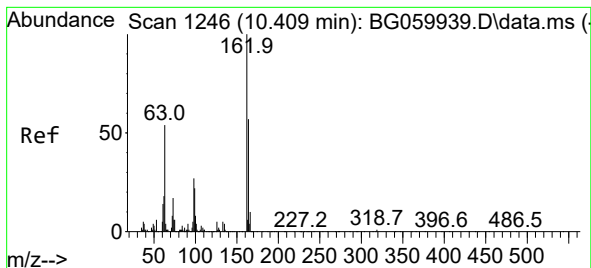
Ion Ratio Lower Upper

93 100

95 28.5 21.0 31.4

123 8.6 6.7 10.1

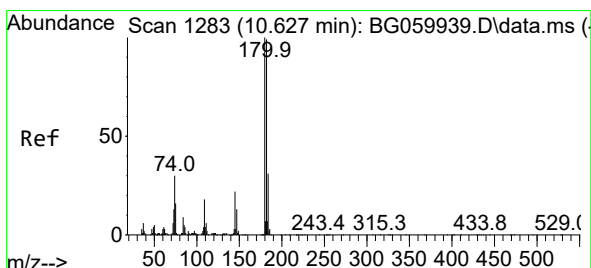
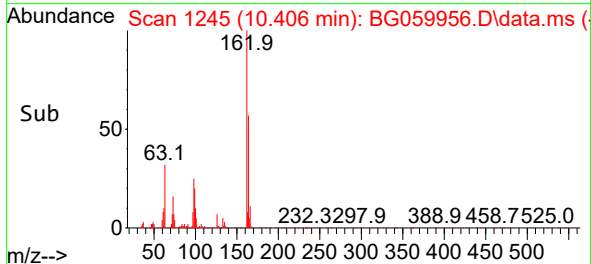
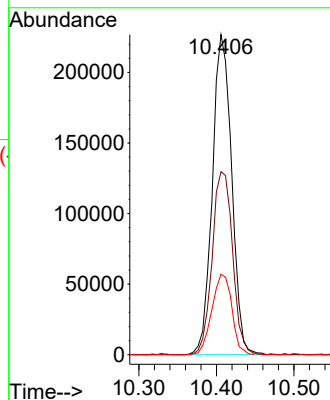
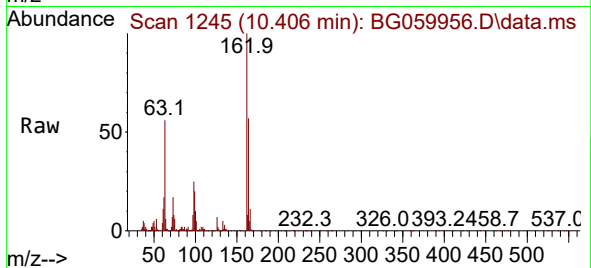




#29  
2,4-Dichlorophenol  
Concen: 52.589 ng  
RT: 10.406 min Scan# 1245  
Delta R.T. -0.004 min  
Lab File: BG059956.D  
Acq: 5 Dec 2023 19:29

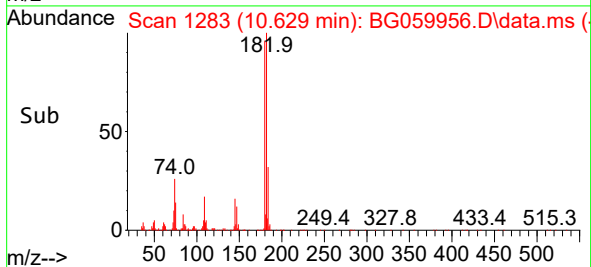
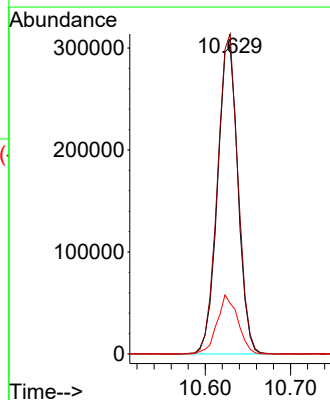
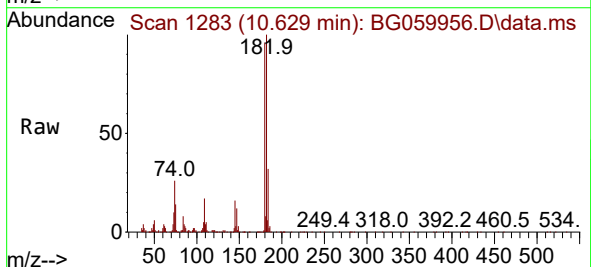
Instrument :  
BNA\_G  
ClientSampleId :  
TP-1MS

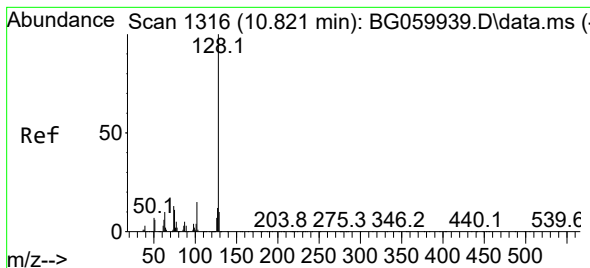
Tgt Ion:162 Resp: 392186  
Ion Ratio Lower Upper  
162 100  
164 57.2 36.7 76.7  
98 25.1 7.4 47.4



#30  
1,2,4-Trichlorobenzene  
Concen: 46.610 ng  
RT: 10.629 min Scan# 1283  
Delta R.T. 0.002 min  
Lab File: BG059956.D  
Acq: 5 Dec 2023 19:29

Tgt Ion:180 Resp: 506869  
Ion Ratio Lower Upper  
180 100  
182 104.2 79.0 118.6  
145 16.5 17.4 26.0#

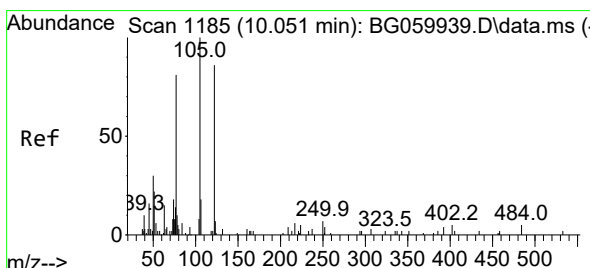
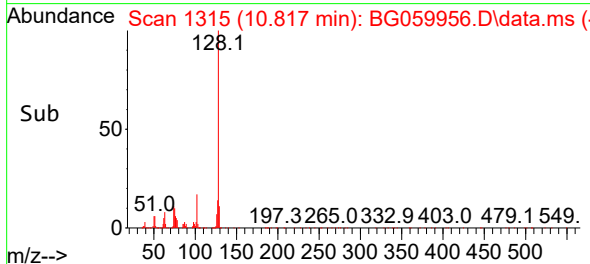
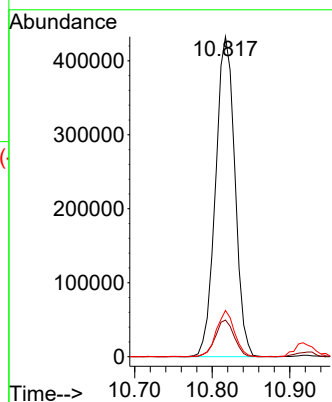
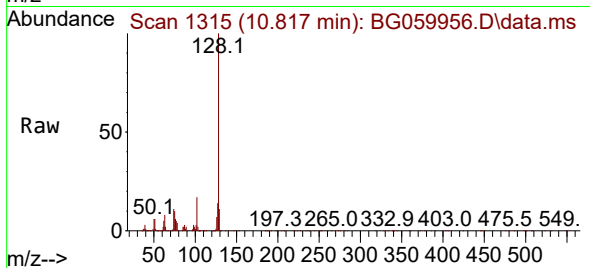




#31  
Naphthalene  
Concen: 47.570 ng  
RT: 10.817 min Scan# 1115  
Delta R.T. -0.004 min  
Lab File: BG059956.D  
Acq: 5 Dec 2023 19:29

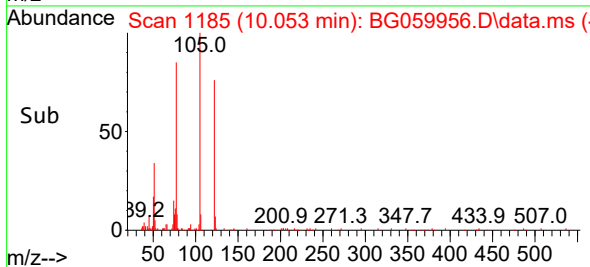
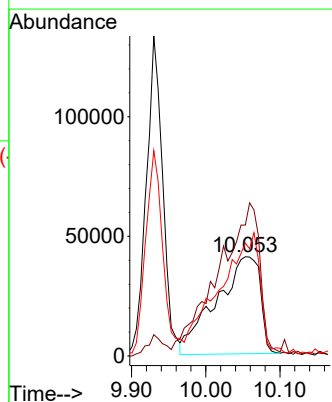
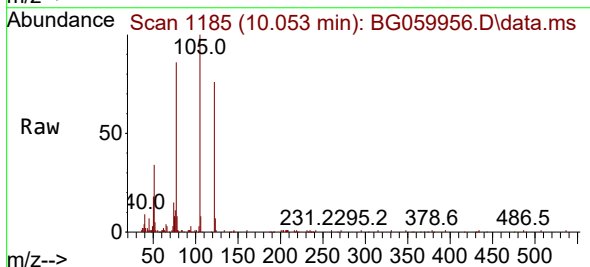
Instrument :  
BNA\_G  
ClientSampleId :  
TP-1MS

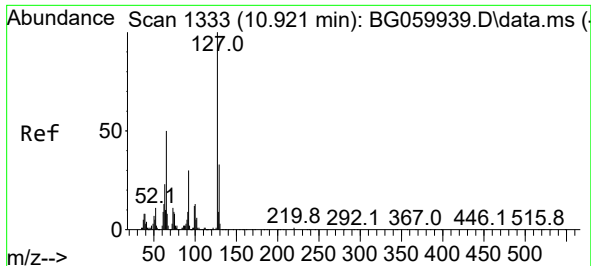
Tgt Ion:128 Resp: 749543  
Ion Ratio Lower Upper  
128 100  
129 11.5 7.6 11.4#  
127 14.4 9.9 14.9



#32  
Benzoic acid  
Concen: 46.861 ng  
RT: 10.053 min Scan# 1185  
Delta R.T. 0.002 min  
Lab File: BG059956.D  
Acq: 5 Dec 2023 19:29

Tgt Ion:122 Resp: 167367  
Ion Ratio Lower Upper  
122 100  
105 132.0 123.9 163.9  
77 113.9 94.6 134.6

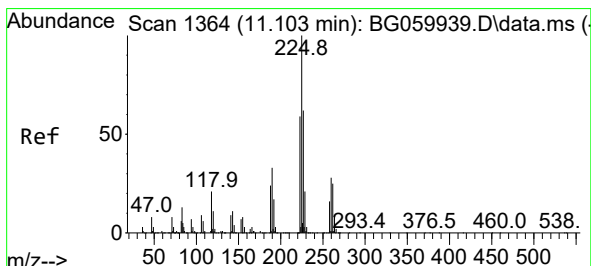
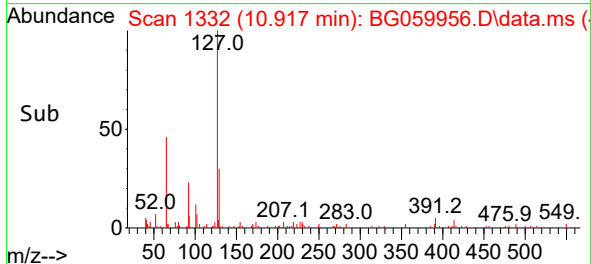
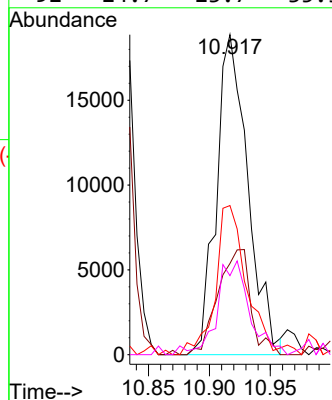
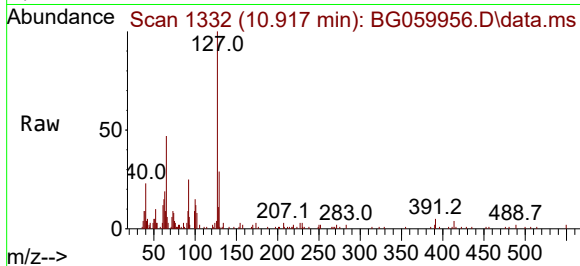




#33  
4-Chloroaniline  
Concen: 5.528 ng  
RT: 10.917 min Scan# 1332  
Delta R.T. -0.004 min  
Lab File: BG059956.D  
Acq: 5 Dec 2023 19:29

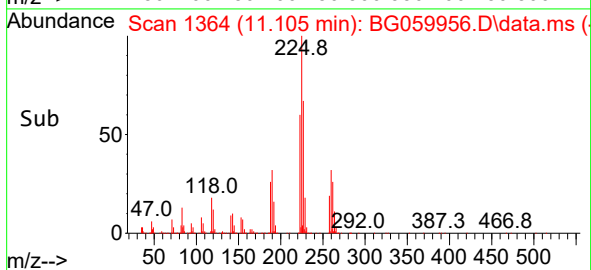
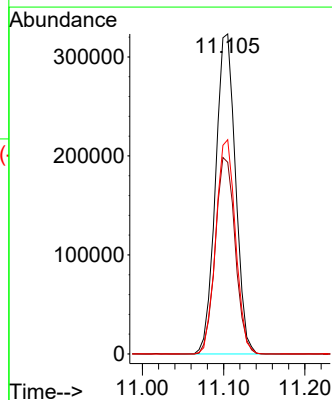
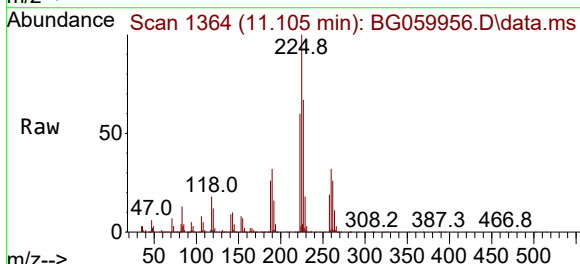
Instrument :  
BNA\_G  
ClientSampleId :  
TP-1MS

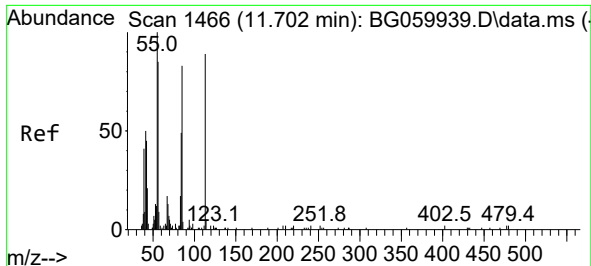
|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 127   | Resp: | 33969 |
| Ion Ratio | Lower | Upper |       |
| 127       | 100   |       |       |
| 129       | 28.5  | 26.6  | 40.0  |
| 65        | 46.6  | 40.4  | 60.6  |
| 92        | 24.7  | 23.7  | 35.5  |



#34  
Hexachlorobutadiene  
Concen: 45.174 ng  
RT: 11.105 min Scan# 1364  
Delta R.T. 0.002 min  
Lab File: BG059956.D  
Acq: 5 Dec 2023 19:29

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 225   | Resp: | 550788 |
| Ion Ratio | Lower | Upper |        |
| 225       | 100   |       |        |
| 223       | 57.4  | 47.0  | 70.6   |
| 227       | 64.1  | 50.2  | 75.4   |

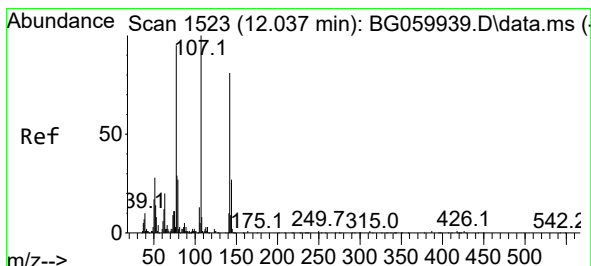
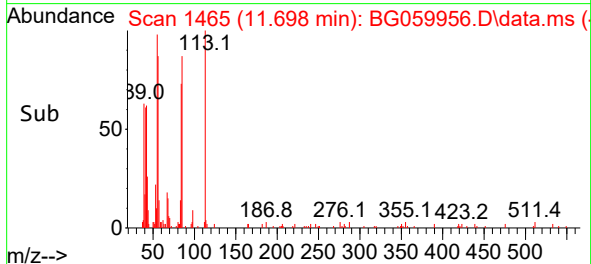
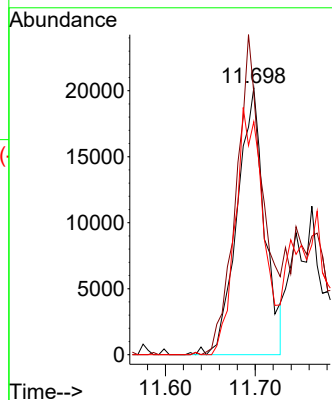
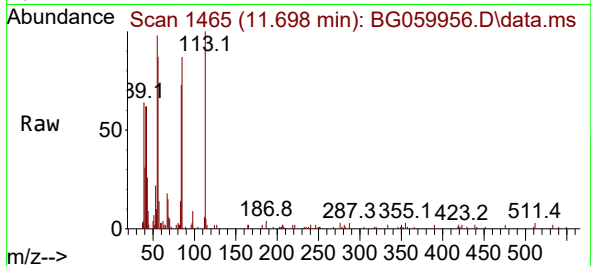




#35  
Caprolactam  
Concen: 27.156 ng  
RT: 11.698 min Scan# 1465  
Delta R.T. -0.004 min  
Lab File: BG059956.D  
Acq: 5 Dec 2023 19:29

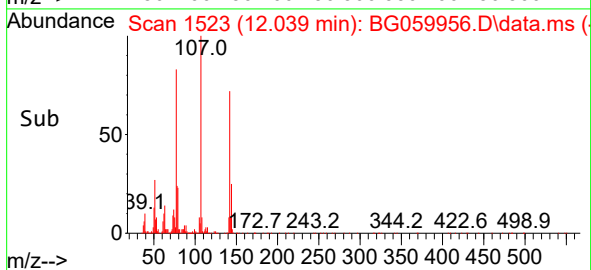
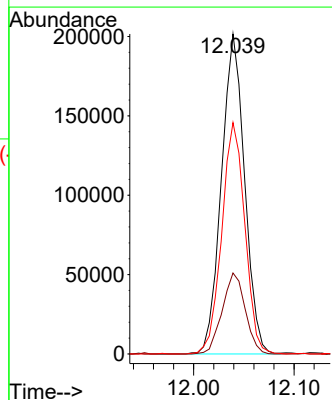
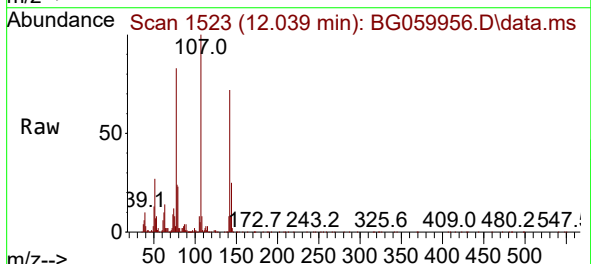
Instrument :  
BNA\_G  
ClientSampleId :  
TP-1MS

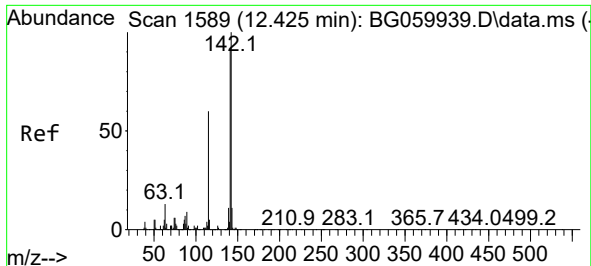
Tgt Ion:113 Resp: 42593  
Ion Ratio Lower Upper  
113 100  
55 98.1 93.5 133.5  
56 87.3 74.9 114.9



#36  
4-Chloro-3-methylphenol  
Concen: 52.565 ng  
RT: 12.039 min Scan# 1523  
Delta R.T. 0.002 min  
Lab File: BG059956.D  
Acq: 5 Dec 2023 19:29

Tgt Ion:107 Resp: 322814  
Ion Ratio Lower Upper  
107 100  
144 25.3 21.6 32.4  
142 72.3 64.6 97.0





#37

2-Methylnaphthalene

Concen: 47.364 ng

RT: 12.427 min Scan# 1

Delta R.T. 0.002 min

Lab File: BG059956.D

Acq: 5 Dec 2023 19:29

Instrument :

BNA\_G

ClientSampleId :

TP-1MS

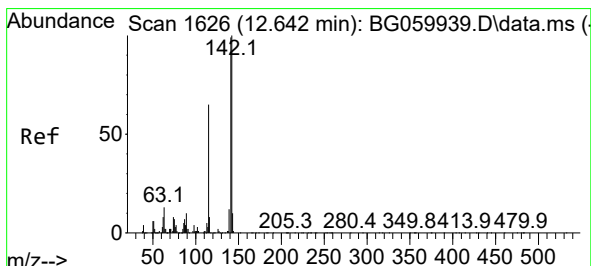
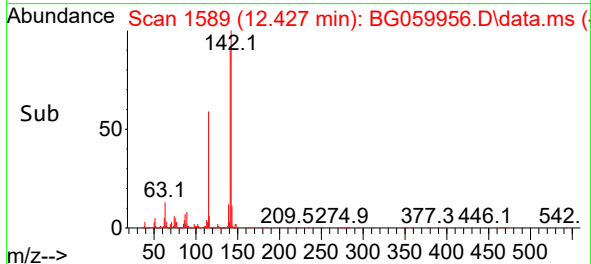
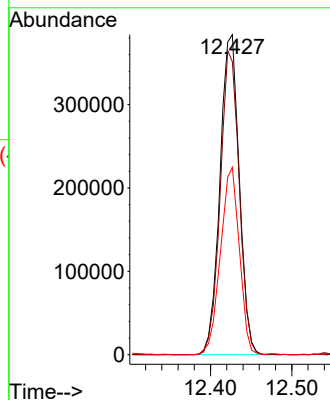
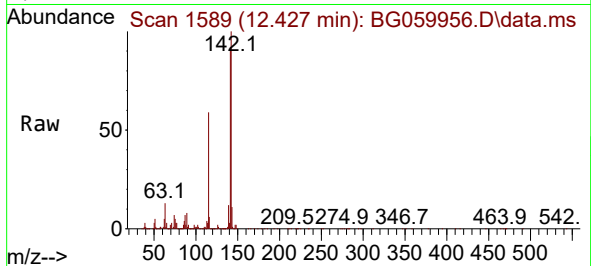
Tgt Ion:142 Resp: 633447

Ion Ratio Lower Upper

142 100

141 91.5 73.4 110.2

115 58.6 48.1 72.1



#38

1-Methylnaphthalene

Concen: 47.380 ng

RT: 12.644 min Scan# 1626

Delta R.T. 0.002 min

Lab File: BG059956.D

Acq: 5 Dec 2023 19:29

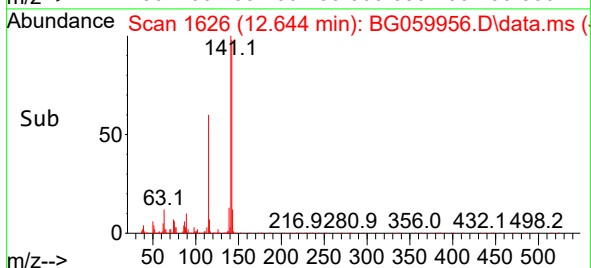
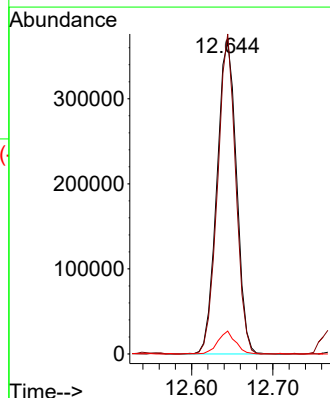
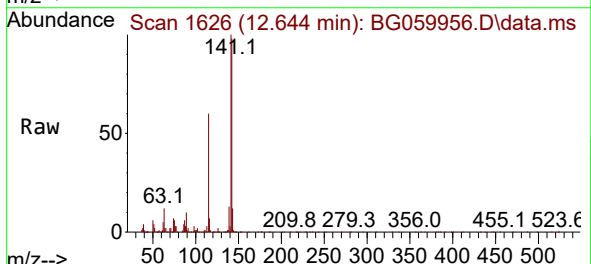
Tgt Ion:142 Resp: 618830

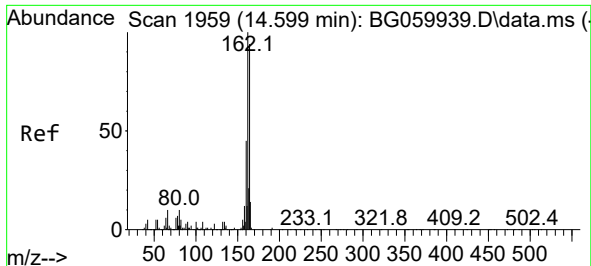
Ion Ratio Lower Upper

142 100

141 102.1 79.4 119.2

116 7.3 6.2 9.4

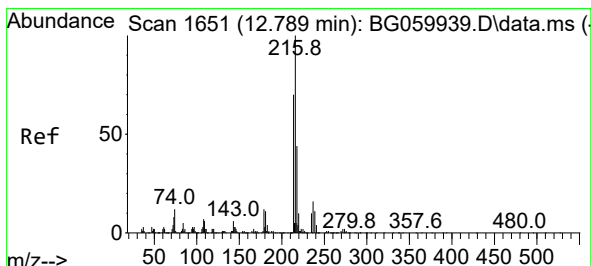
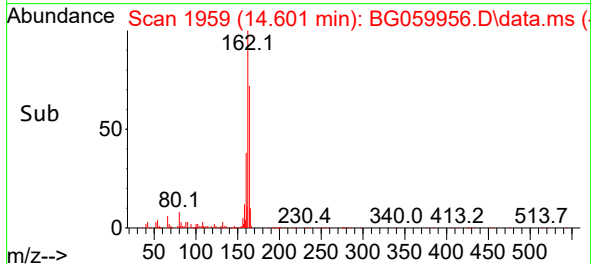
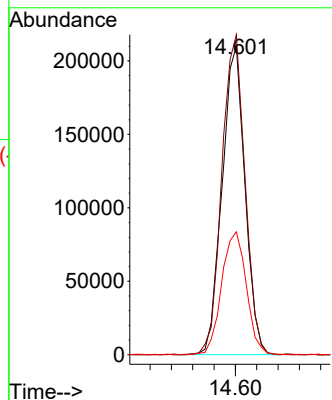
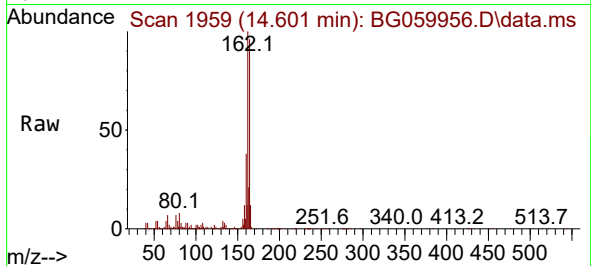




#39  
Acenaphthene-d10  
Concen: 20.000 ng  
RT: 14.601 min Scan# 1959  
Delta R.T. 0.002 min  
Lab File: BG059956.D  
Acq: 5 Dec 2023 19:29

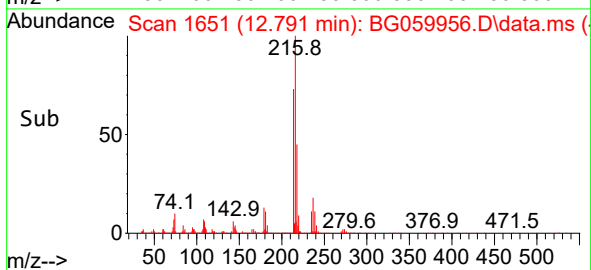
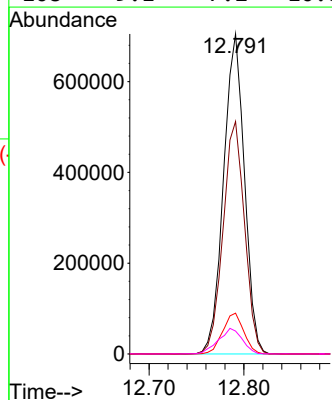
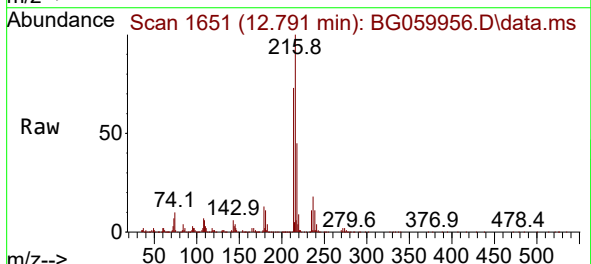
Instrument :  
BNA\_G  
ClientSampleId :  
TP-1MS

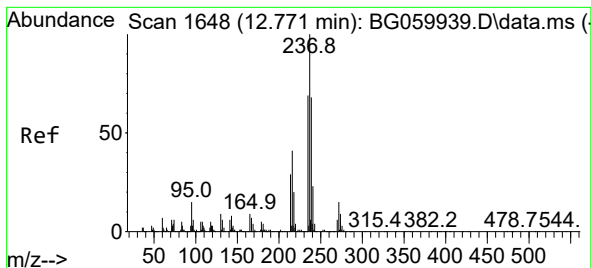
Tgt Ion:164 Resp: 312615  
Ion Ratio Lower Upper  
164 100  
162 103.7 85.0 127.6  
160 39.8 38.1 57.1



#40  
1,2,4,5-Tetrachlorobenzene  
Concen: 48.306 ng  
RT: 12.791 min Scan# 1651  
Delta R.T. 0.002 min  
Lab File: BG059956.D  
Acq: 5 Dec 2023 19:29

Tgt Ion:216 Resp: 1078043  
Ion Ratio Lower Upper  
216 100  
214 74.6 58.3 87.5  
179 12.9 10.2 15.4  
108 9.1 7.2 10.8

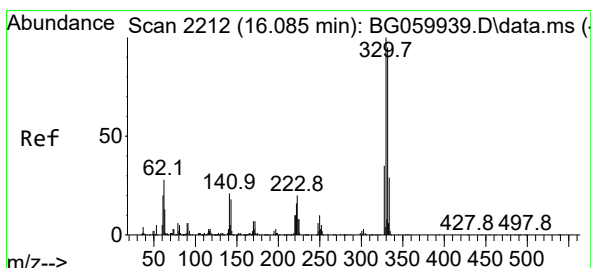
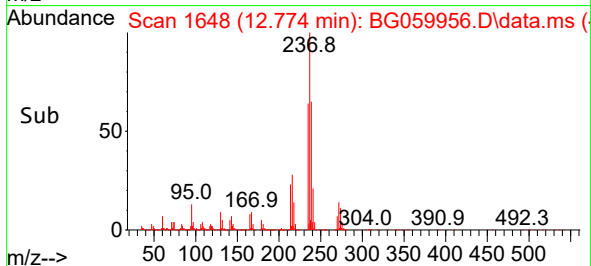
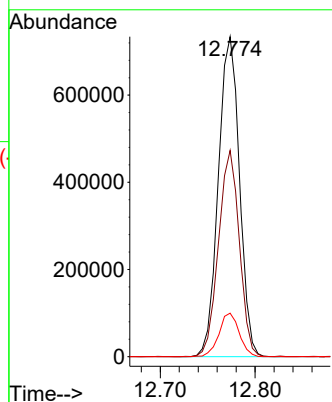
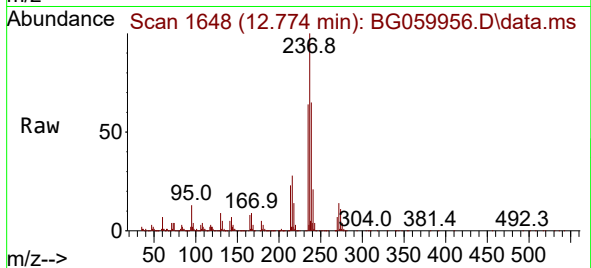




#41  
Hexachlorocyclopentadiene  
Concen: 100.567 ng  
RT: 12.774 min Scan# 1  
Delta R.T. 0.002 min  
Lab File: BG059956.D  
Acq: 5 Dec 2023 19:29

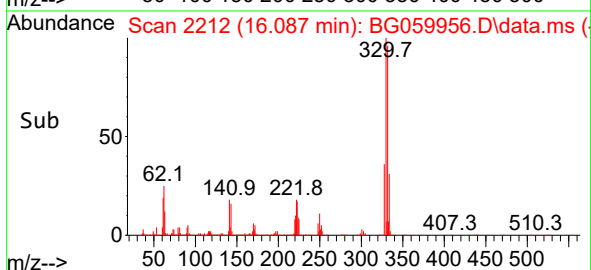
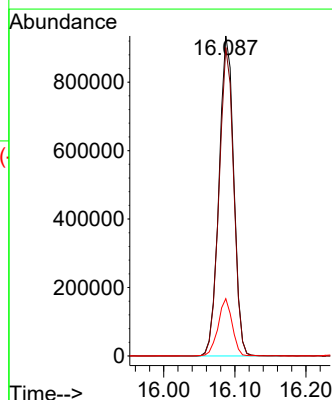
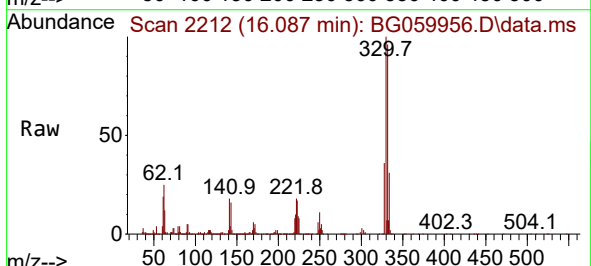
Instrument :  
BNA\_G  
ClientSampleId :  
TP-1MS

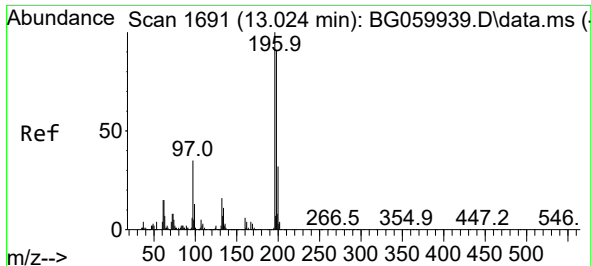
Tgt Ion:237 Resp: 1137229  
Ion Ratio Lower Upper  
237 100  
235 64.5 49.4 89.4  
272 13.6 0.0 34.6



#42  
2,4,6-Tribromophenol  
Concen: 133.323 ng  
RT: 16.087 min Scan# 2212  
Delta R.T. 0.002 min  
Lab File: BG059956.D  
Acq: 5 Dec 2023 19:29

Tgt Ion:330 Resp: 1340976  
Ion Ratio Lower Upper  
330 100  
332 95.7 76.5 114.7  
141 17.2 15.0 22.6

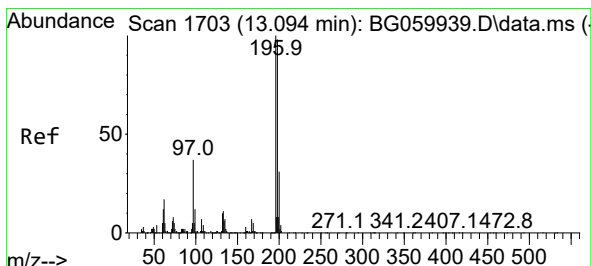
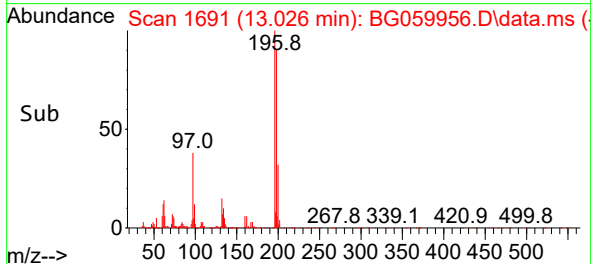
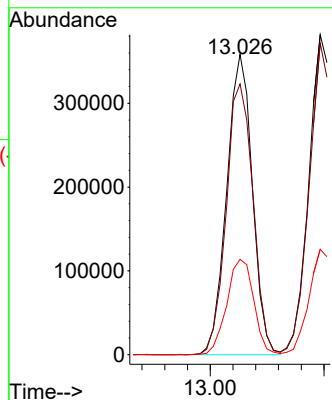
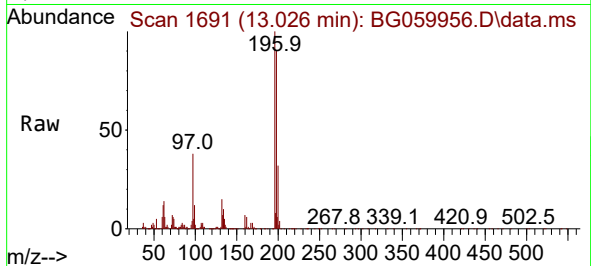




#43  
2,4,6-Trichlorophenol  
Concen: 49.068 ng  
RT: 13.026 min Scan# 1  
Delta R.T. 0.002 min  
Lab File: BG059956.D  
Acq: 5 Dec 2023 19:29

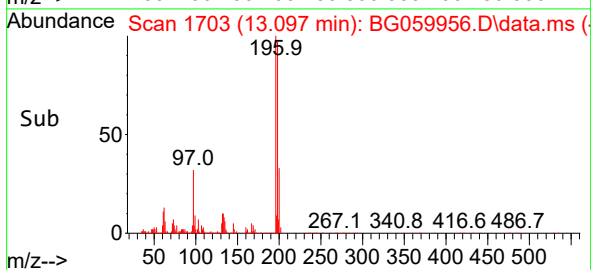
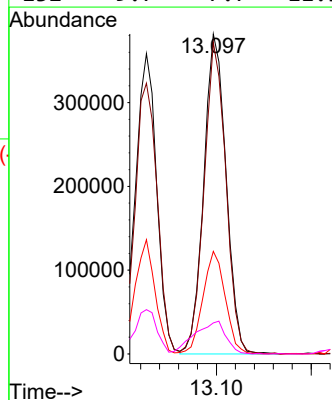
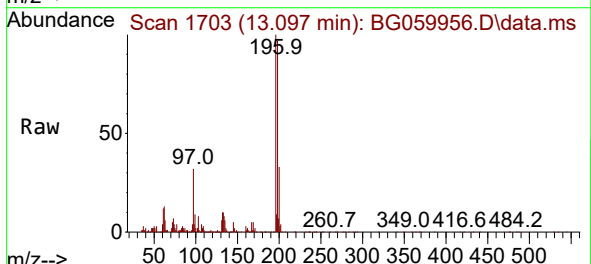
Instrument :  
BNA\_G  
ClientSampleId :  
TP-1MS

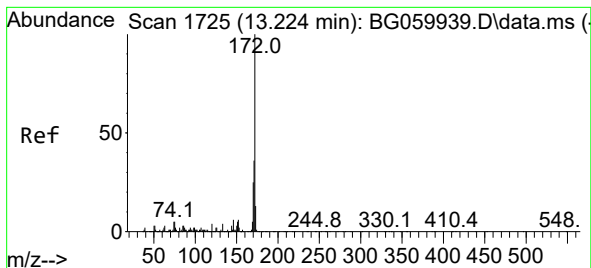
Tgt Ion:196 Resp: 560729  
Ion Ratio Lower Upper  
196 100  
198 90.1 72.6 109.0  
200 31.8 25.6 38.4



#44  
2,4,5-Trichlorophenol  
Concen: 49.639 ng  
RT: 13.097 min Scan# 1703  
Delta R.T. 0.002 min  
Lab File: BG059956.D  
Acq: 5 Dec 2023 19:29

Tgt Ion:196 Resp: 623782  
Ion Ratio Lower Upper  
196 100  
198 97.4 78.3 117.5  
97 32.1 30.2 45.4  
132 9.7 7.7 11.5





#45

2-Fluorobiphenyl

Concen: 87.659 ng

RT: 13.226 min Scan# 1

Delta R.T. 0.002 min

Lab File: BG059956.D

Acq: 5 Dec 2023 19:29

Instrument :

BNA\_G

ClientSampleId :

TP-1MS

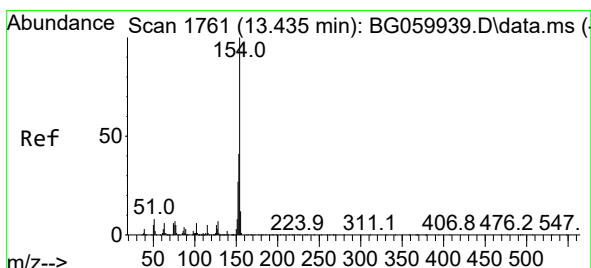
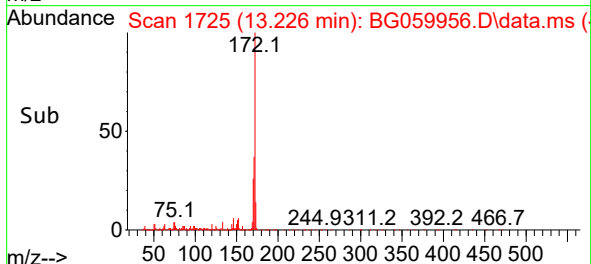
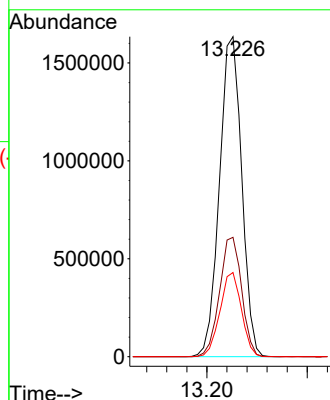
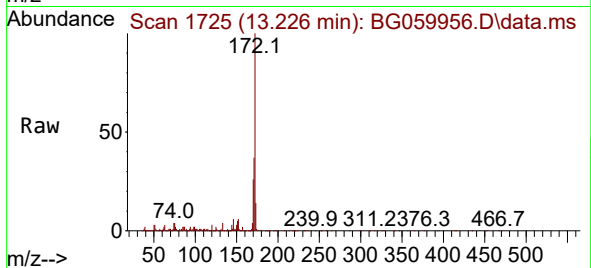
Tgt Ion:172 Resp: 2512496

Ion Ratio Lower Upper

172 100

171 37.3 28.6 43.0

170 26.3 19.8 29.8



#46

1,1'-Biphenyl

Concen: 49.323 ng

RT: 13.432 min Scan# 1760

Delta R.T. -0.004 min

Lab File: BG059956.D

Acq: 5 Dec 2023 19:29

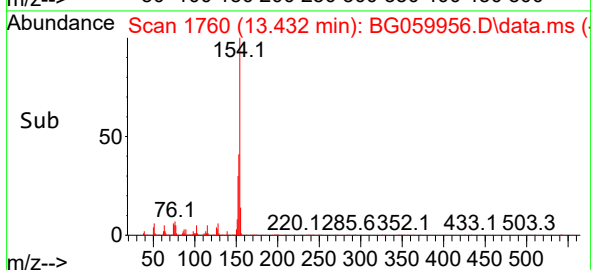
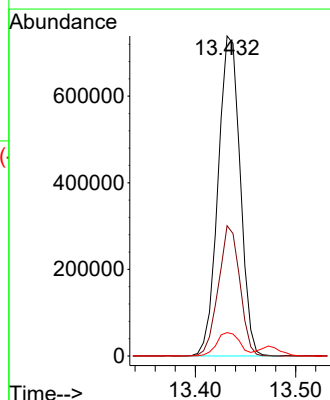
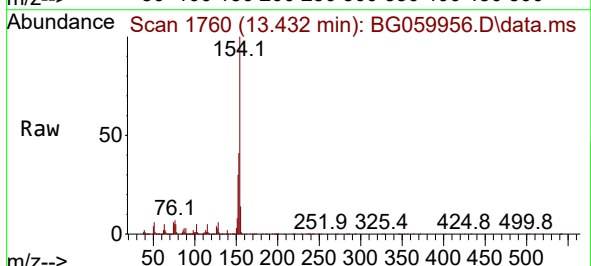
Tgt Ion:154 Resp: 1126837

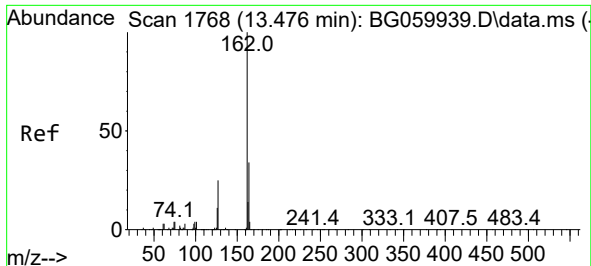
Ion Ratio Lower Upper

154 100

153 40.7 20.8 60.8

76 7.3 0.0 27.4

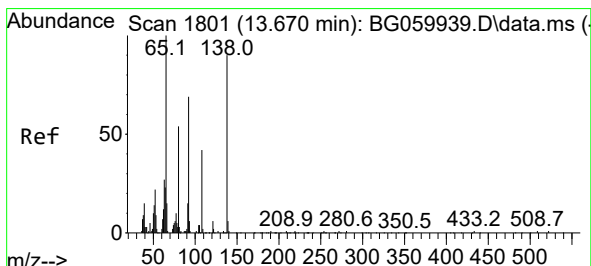
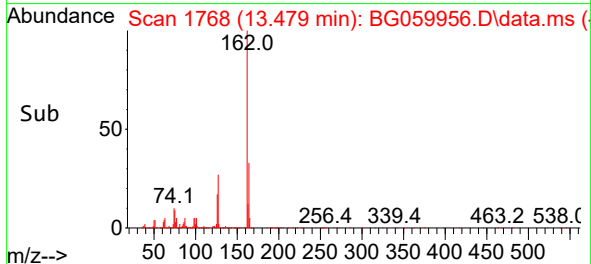
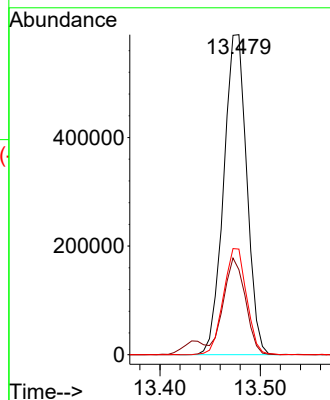
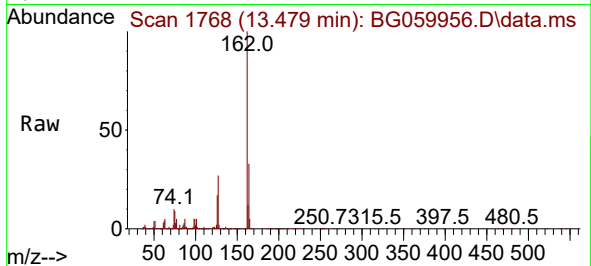




#47  
2-Chloronaphthalene  
Concen: 46.045 ng  
RT: 13.479 min Scan# 1768  
Delta R.T. 0.002 min  
Lab File: BG059956.D  
Acq: 5 Dec 2023 19:29

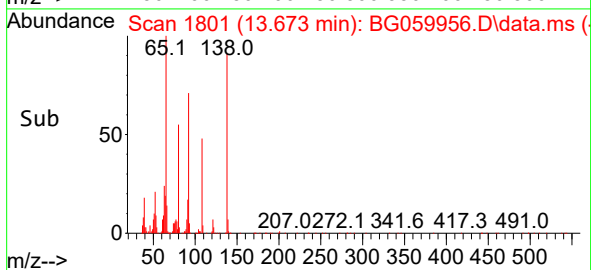
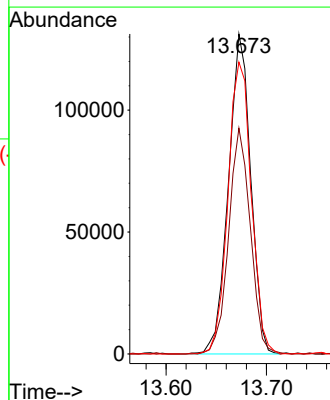
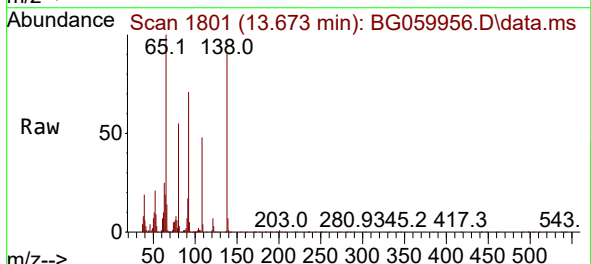
Instrument :  
BNA\_G  
ClientSampleId :  
TP-1MS

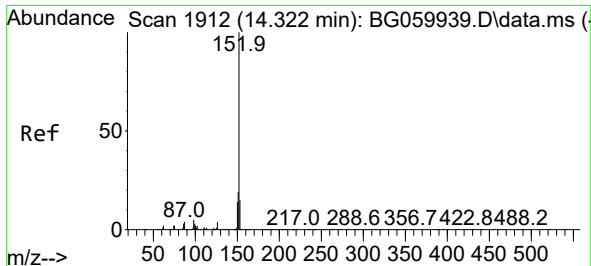
Tgt Ion:162 Resp: 941180  
Ion Ratio Lower Upper  
162 100  
127 26.6 22.6 33.8  
164 33.0 27.4 41.0



#48  
2-Nitroaniline  
Concen: 52.372 ng  
RT: 13.673 min Scan# 1801  
Delta R.T. 0.002 min  
Lab File: BG059956.D  
Acq: 5 Dec 2023 19:29

Tgt Ion: 65 Resp: 202914  
Ion Ratio Lower Upper  
65 100  
92 70.6 55.4 83.2  
138 91.2 71.8 107.6

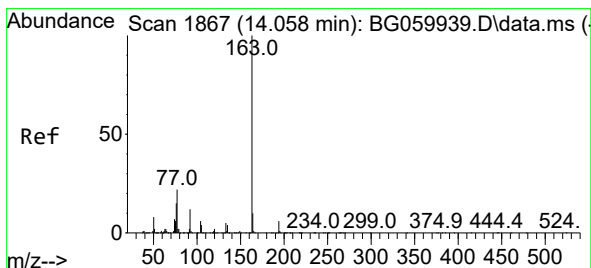
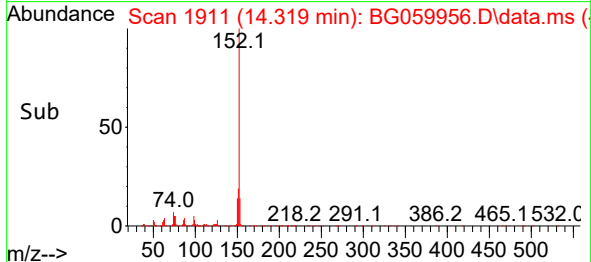
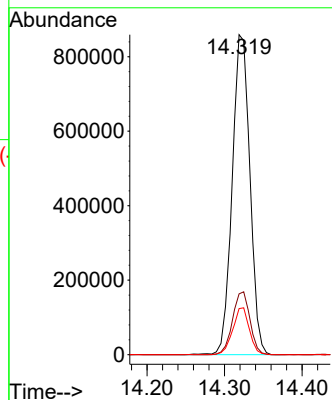
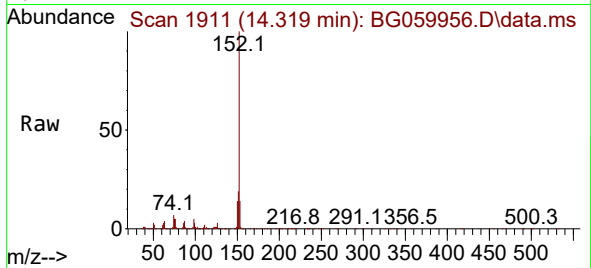




#49  
Acenaphthylene  
Concen: 49.879 ng  
RT: 14.319 min Scan# 1911  
Delta R.T. -0.004 min  
Lab File: BG059956.D  
Acq: 5 Dec 2023 19:29

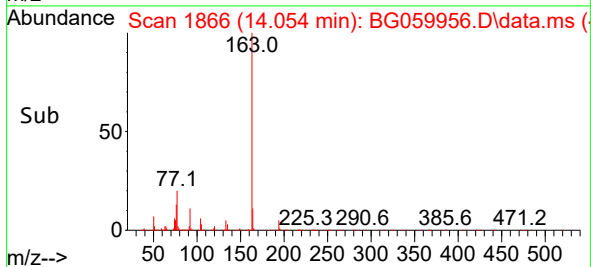
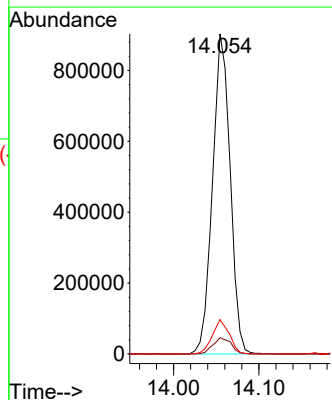
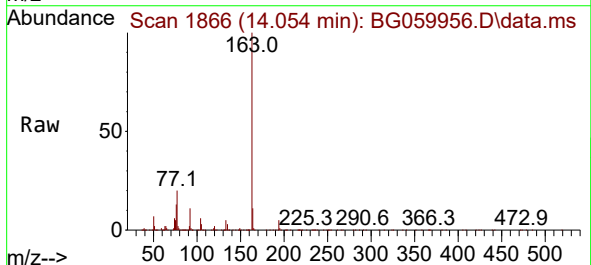
Instrument :  
BNA\_G  
ClientSampleId :  
TP-1MS

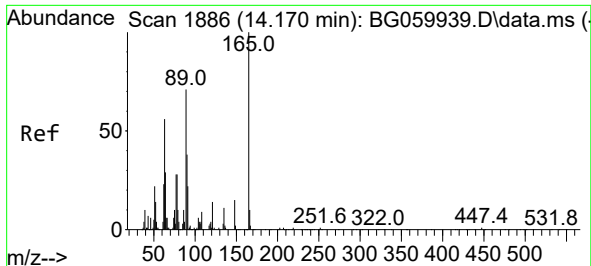
Tgt Ion:152 Resp: 1364512  
Ion Ratio Lower Upper  
152 100  
151 19.0 15.3 22.9  
153 14.4 11.7 17.5



#50  
Dimethylphthalate  
Concen: 48.754 ng  
RT: 14.054 min Scan# 1866  
Delta R.T. -0.004 min  
Lab File: BG059956.D  
Acq: 5 Dec 2023 19:29

Tgt Ion:163 Resp: 1297454  
Ion Ratio Lower Upper  
163 100  
194 5.1 4.6 7.0  
164 10.7 8.1 12.1

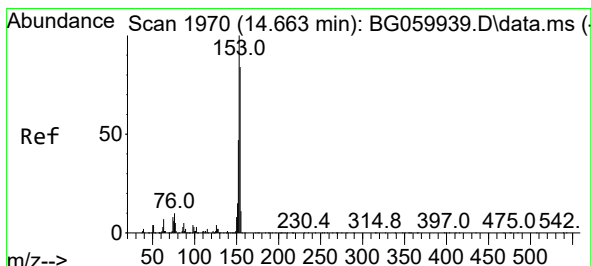
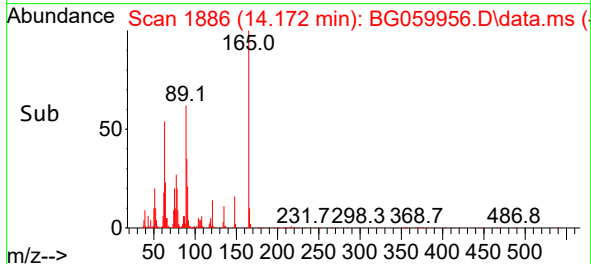
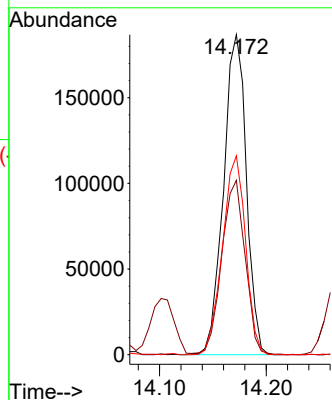
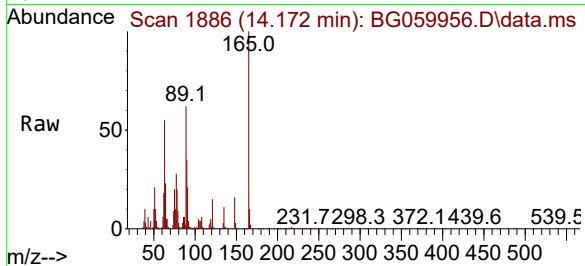




#51  
2,6-Dinitrotoluene  
Concen: 47.618 ng  
RT: 14.172 min Scan# 1886  
Delta R.T. 0.002 min  
Lab File: BG059956.D  
Acq: 5 Dec 2023 19:29

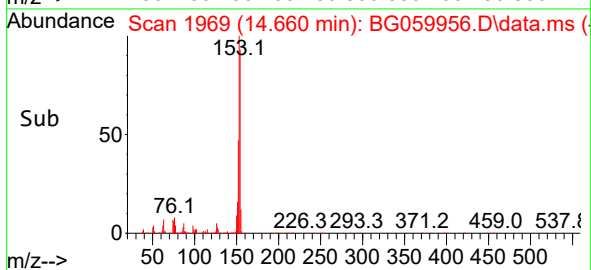
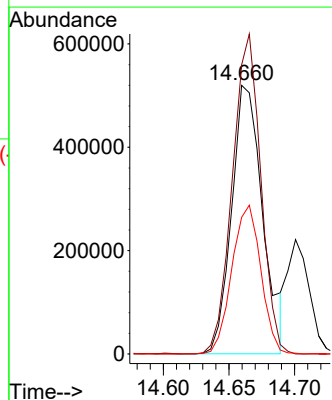
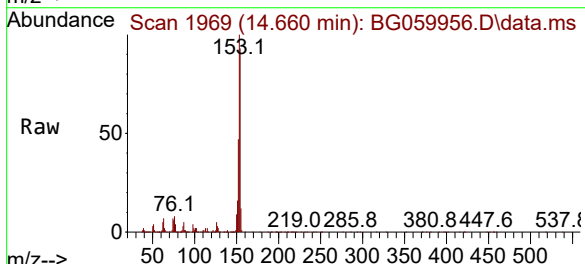
Instrument :  
BNA\_G  
ClientSampleId :  
TP-1MS

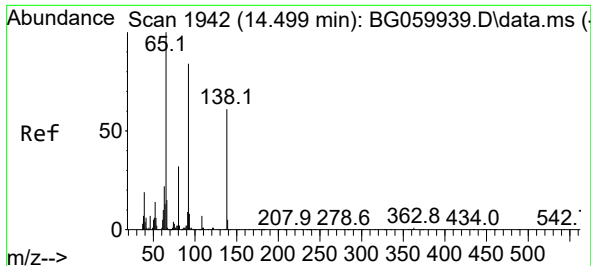
Tgt Ion:165 Resp: 277635  
Ion Ratio Lower Upper  
165 100  
63 54.5 47.2 70.8  
89 62.2 57.1 85.7



#52  
Acenaphthene  
Concen: 43.428 ng  
RT: 14.660 min Scan# 1969  
Delta R.T. -0.004 min  
Lab File: BG059956.D  
Acq: 5 Dec 2023 19:29

Tgt Ion:154 Resp: 857469  
Ion Ratio Lower Upper  
154 100  
153 107.6 95.8 143.6  
152 50.9 45.0 67.4

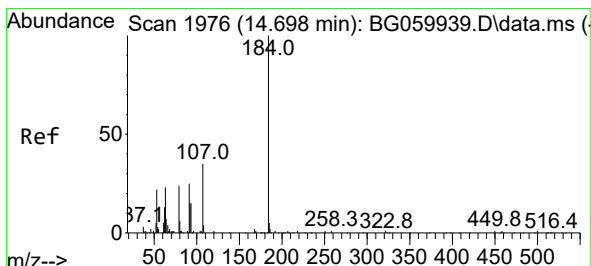
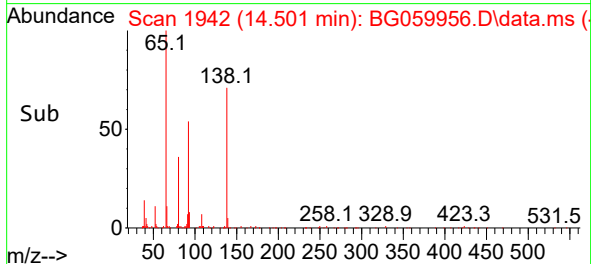
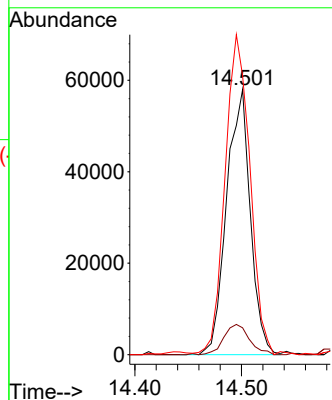
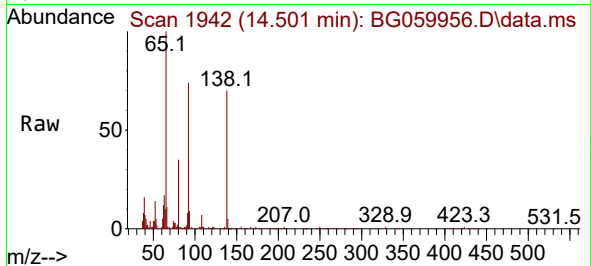




#53  
3-Nitroaniline  
Concen: 24.787 ng  
RT: 14.501 min Scan# 1942  
Delta R.T. 0.002 min  
Lab File: BG059956.D  
Acq: 5 Dec 2023 19:29

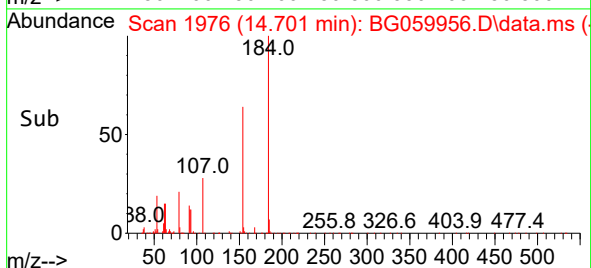
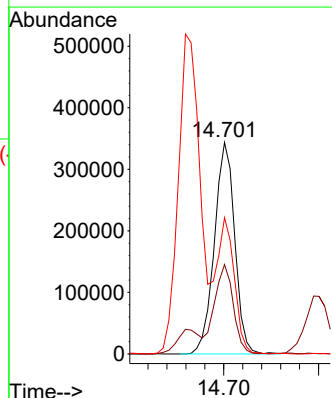
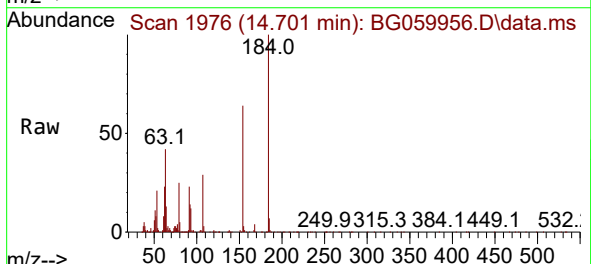
Instrument :  
BNA\_G  
ClientSampleId :  
TP-1MS

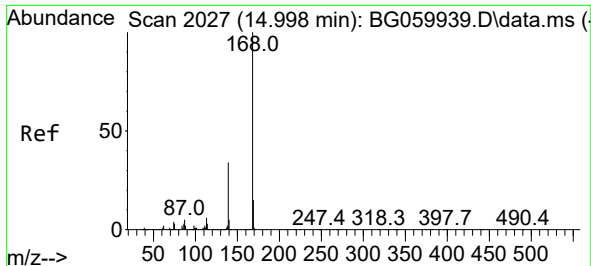
Tgt Ion:138 Resp: 89658  
Ion Ratio Lower Upper  
138 100  
108 10.1 9.6 14.4  
92 105.2 109.8 164.6#



#54  
2,4-Dinitrophenol  
Concen: 100.860 ng  
RT: 14.701 min Scan# 1976  
Delta R.T. 0.002 min  
Lab File: BG059956.D  
Acq: 5 Dec 2023 19:29

Tgt Ion:184 Resp: 512919  
Ion Ratio Lower Upper  
184 100  
63 42.3 38.2 57.4  
154 64.4 52.6 78.8

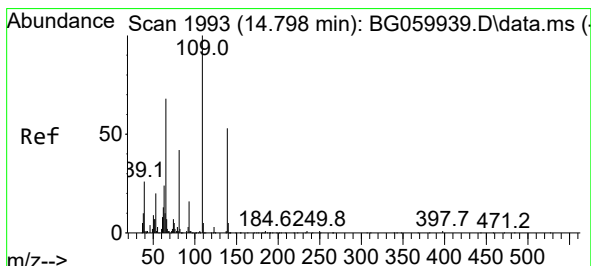
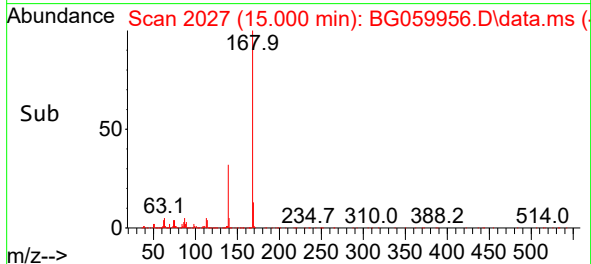
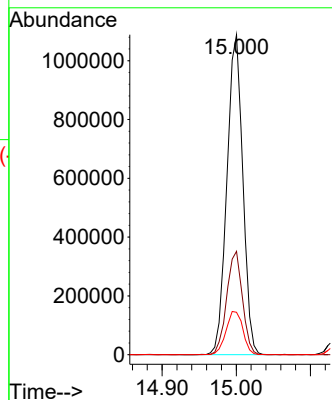
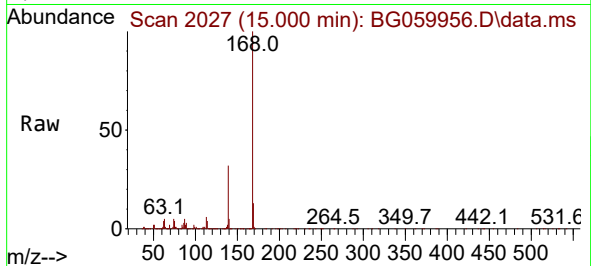




#55  
Dibenzofuran  
Concen: 48.557 ng  
RT: 15.000 min Scan# 20  
Delta R.T. 0.002 min  
Lab File: BG059956.D  
Acq: 5 Dec 2023 19:29

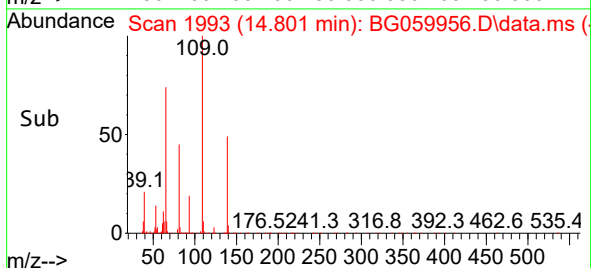
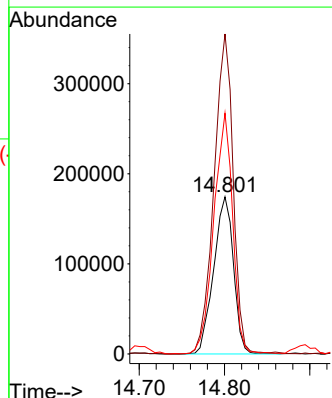
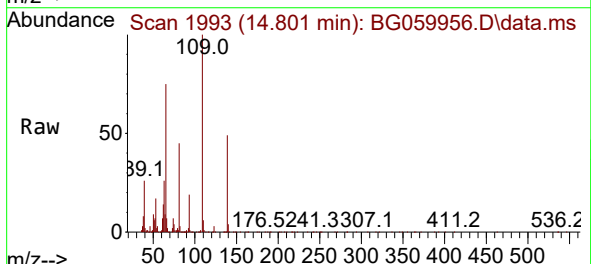
Instrument :  
BNA\_G  
ClientSampleId :  
TP-1MS

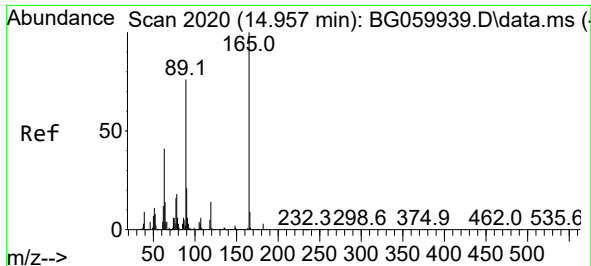
Tgt Ion:168 Resp: 1617129  
Ion Ratio Lower Upper  
168 100  
139 32.3 27.0 40.6  
169 13.3 11.6 17.4



#56  
4-Nitrophenol  
Concen: 89.699 ng  
RT: 14.801 min Scan# 1993  
Delta R.T. 0.002 min  
Lab File: BG059956.D  
Acq: 5 Dec 2023 19:29

Tgt Ion:139 Resp: 281579  
Ion Ratio Lower Upper  
139 100  
109 203.6 167.9 207.9  
65 153.2 108.1 148.1#





#57

2,4-Dinitrotoluene

Concen: 46.592 ng

RT: 14.959 min Scan# 20

Delta R.T. 0.002 min

Lab File: BG059956.D

Acq: 5 Dec 2023 19:29

Instrument :

BNA\_G

ClientSampleId :

TP-1MS

Tgt Ion:165 Resp: 377820

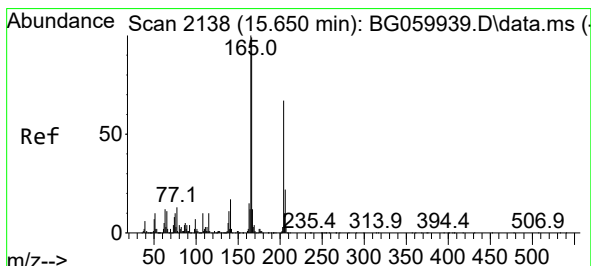
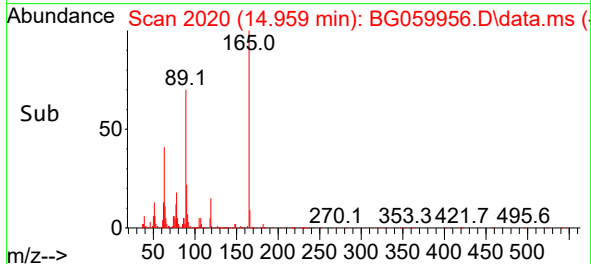
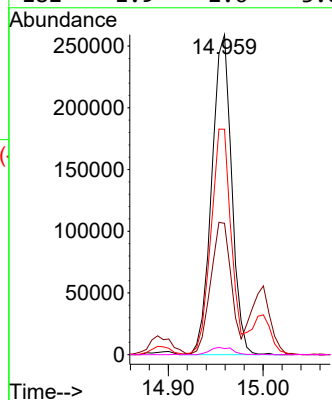
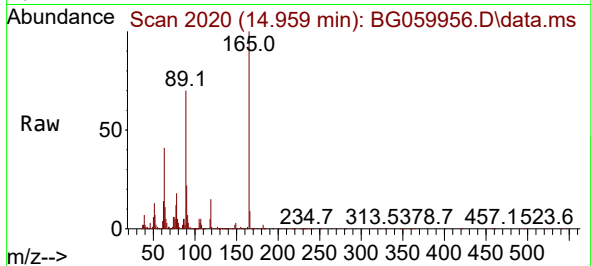
Ion Ratio Lower Upper

165 100

63 41.0 32.8 49.2

89 70.4 60.6 90.8

182 1.9 2.6 3.8#



#58

Fluorene

Concen: 48.922 ng

RT: 15.647 min Scan# 2137

Delta R.T. -0.004 min

Lab File: BG059956.D

Acq: 5 Dec 2023 19:29

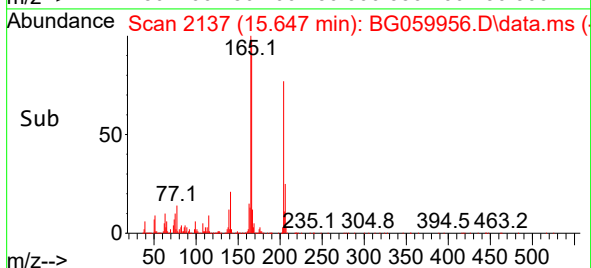
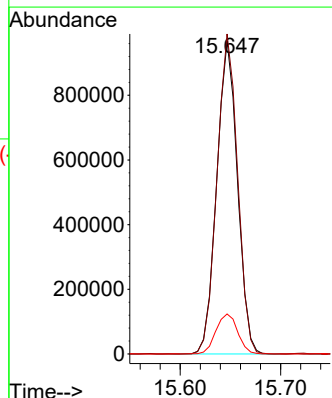
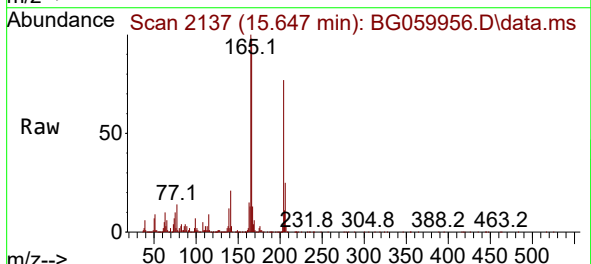
Tgt Ion:166 Resp: 1386490

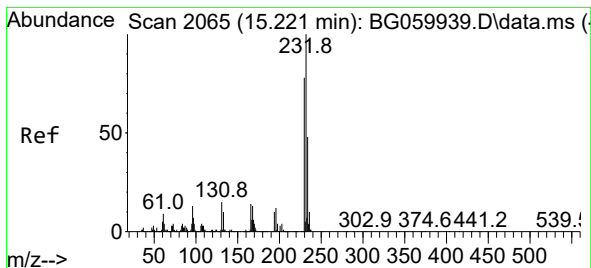
Ion Ratio Lower Upper

166 100

165 102.2 80.6 121.0

167 12.8 9.9 14.9





#59

2,3,4,6-Tetrachlorophenol

Concen: 49.796 ng

RT: 15.218 min Scan# 2065

Delta R.T. -0.004 min

Lab File: BG059956.D

Acq: 5 Dec 2023 19:29

Instrument :

BNA\_G

ClientSampleId :

TP-1MS

Tgt Ion:232 Resp: 744400

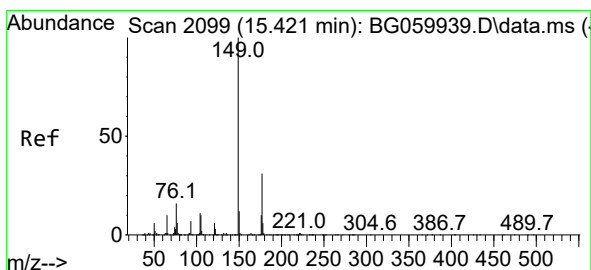
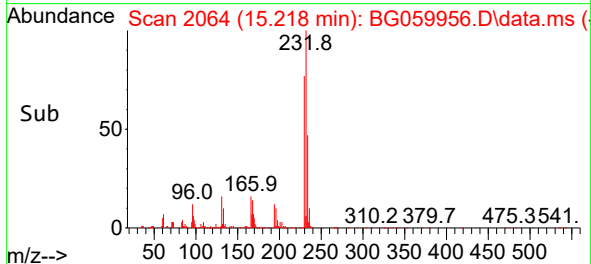
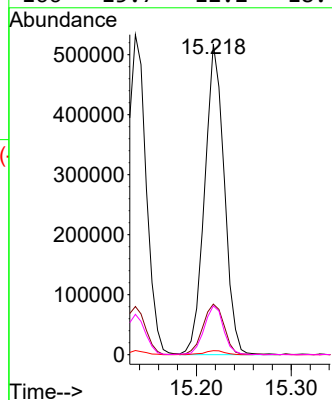
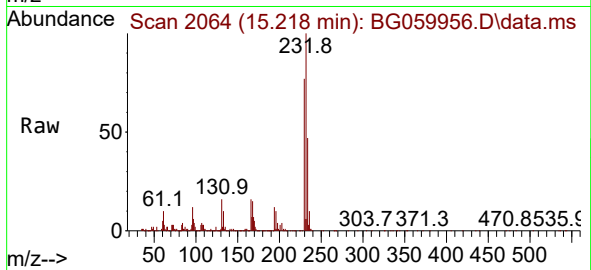
Ion Ratio Lower Upper

232 100

131 17.6 14.8 22.2

130 1.3 1.2 1.8

166 15.7 12.2 18.4



#60

Diethylphthalate

Concen: 47.322 ng

RT: 15.423 min Scan# 2099

Delta R.T. 0.002 min

Lab File: BG059956.D

Acq: 5 Dec 2023 19:29

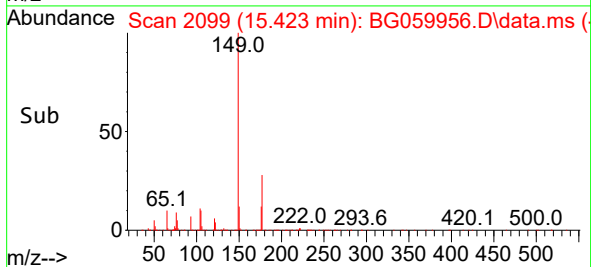
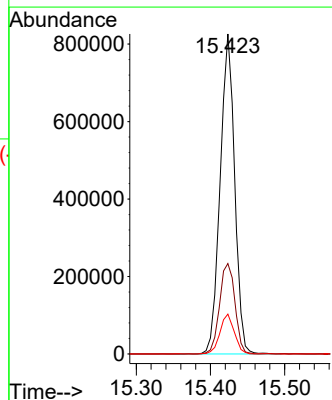
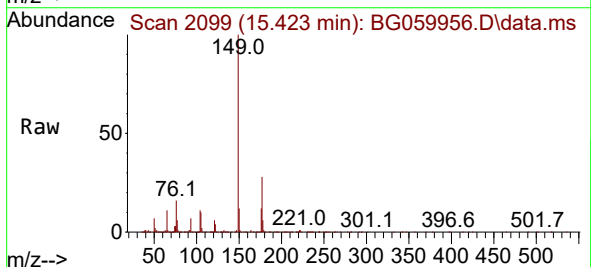
Tgt Ion:149 Resp: 1121654

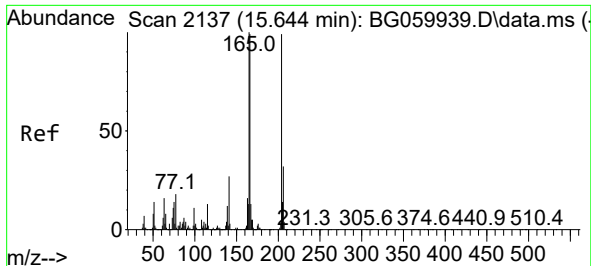
Ion Ratio Lower Upper

149 100

177 28.3 24.6 37.0

150 12.5 9.6 14.4

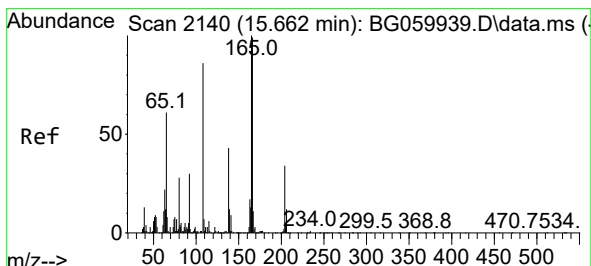
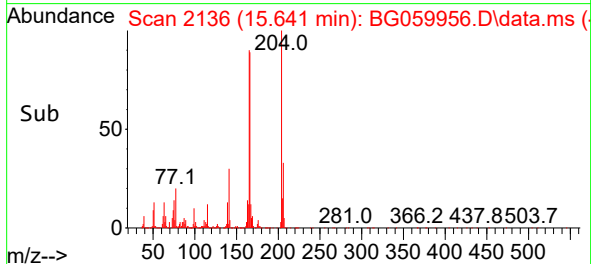
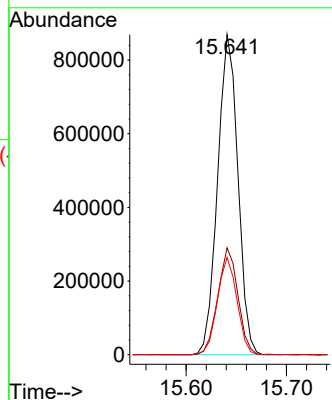
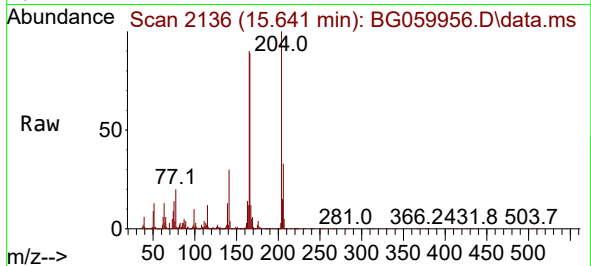




#61  
4-Chlorophenyl-phenylether  
Concen: 47.444 ng  
RT: 15.641 min Scan# 2137  
Delta R.T. -0.004 min  
Lab File: BG059956.D  
Acq: 5 Dec 2023 19:29

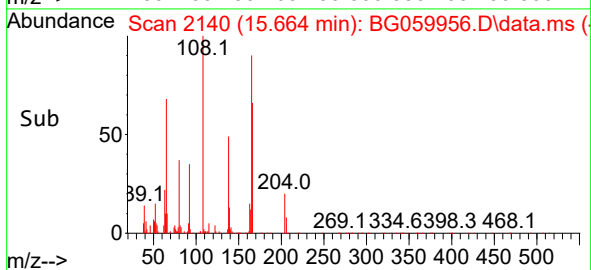
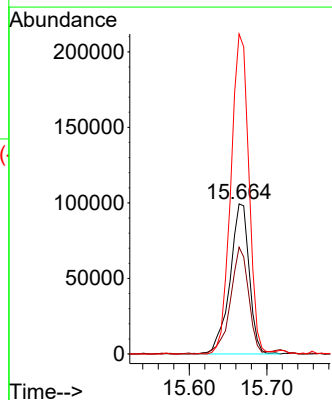
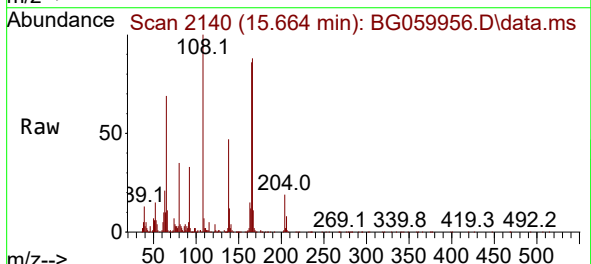
Instrument :  
BNA\_G  
ClientSampleId :  
TP-1MS

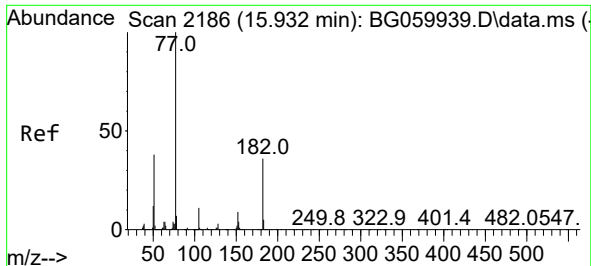
Tgt Ion:204 Resp: 1219750  
Ion Ratio Lower Upper  
204 100  
206 33.4 25.8 38.8  
141 30.4 21.4 32.2



#62  
4-Nitroaniline  
Concen: 41.383 ng  
RT: 15.664 min Scan# 2140  
Delta R.T. 0.002 min  
Lab File: BG059956.D  
Acq: 5 Dec 2023 19:29

Tgt Ion:138 Resp: 172298  
Ion Ratio Lower Upper  
138 100  
92 71.1 50.8 90.8  
108 213.2 181.0 221.0

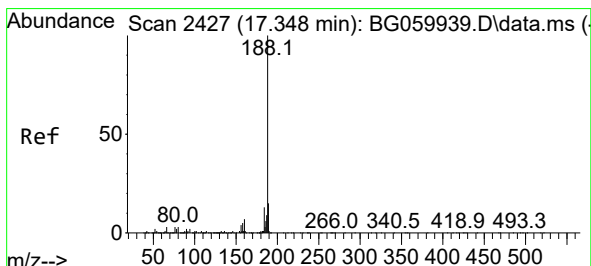
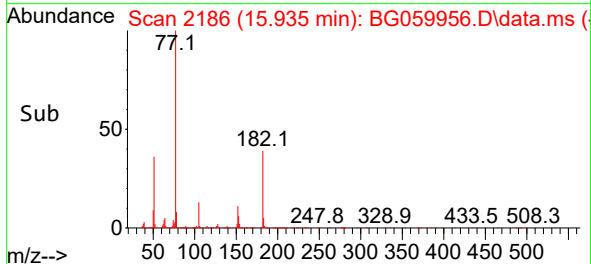
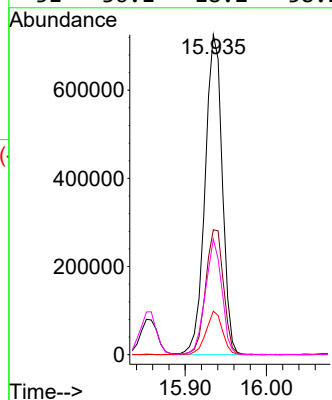
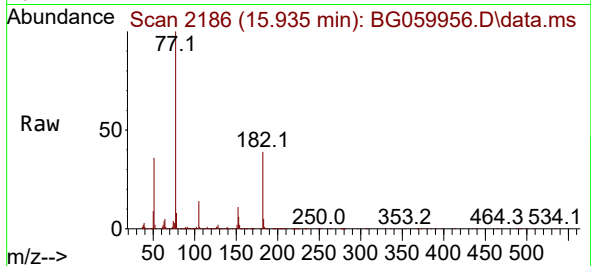




#63  
Azobenzene  
Concen: 43.392 ng  
RT: 15.935 min Scan# 2186  
Delta R.T. 0.002 min  
Lab File: BG059956.D  
Acq: 5 Dec 2023 19:29

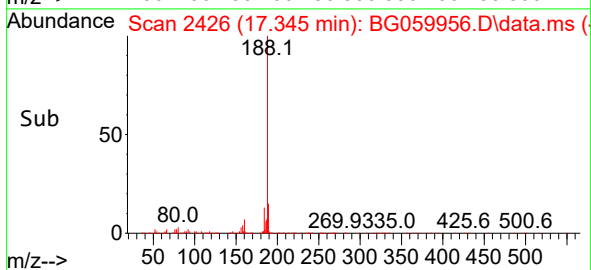
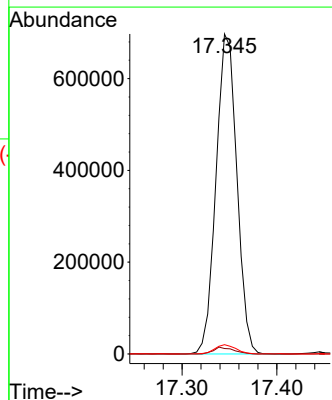
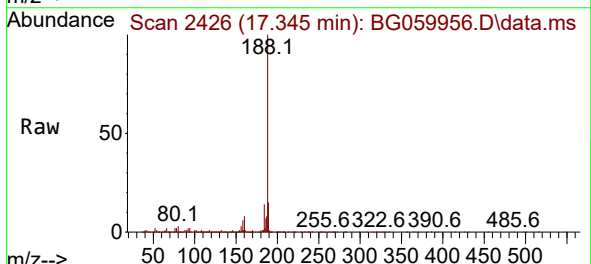
Instrument :  
BNA\_G  
ClientSampleId :  
TP-1MS

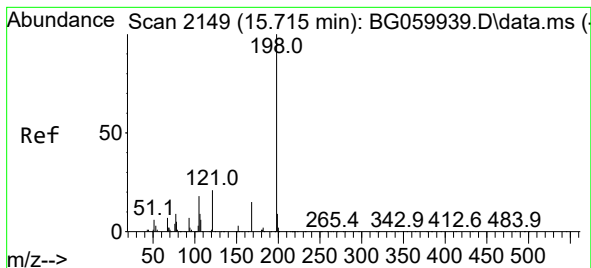
Tgt Ion: 77 Resp: 1066996  
Ion Ratio Lower Upper  
77 100  
182 39.1 15.7 55.7  
105 13.6 0.0 31.5  
51 36.1 18.2 58.2



#64  
Phenanthrene-d10  
Concen: 20.000 ng  
RT: 17.345 min Scan# 2426  
Delta R.T. -0.004 min  
Lab File: BG059956.D  
Acq: 5 Dec 2023 19:29

Tgt Ion:188 Resp: 1064821  
Ion Ratio Lower Upper  
188 100  
94 1.7 1.8 2.6#  
80 2.9 2.2 3.4

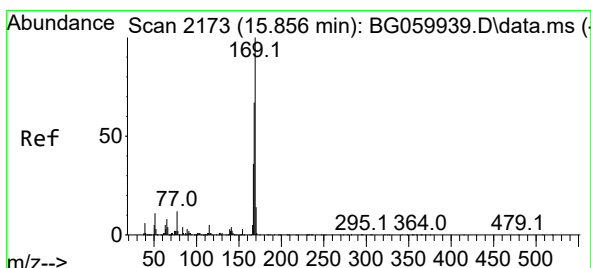
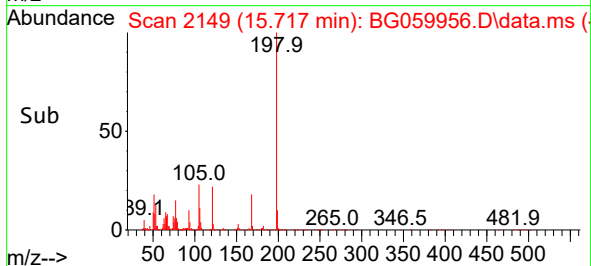
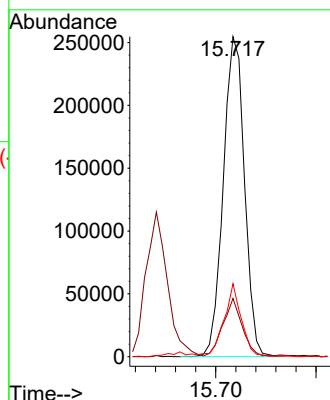
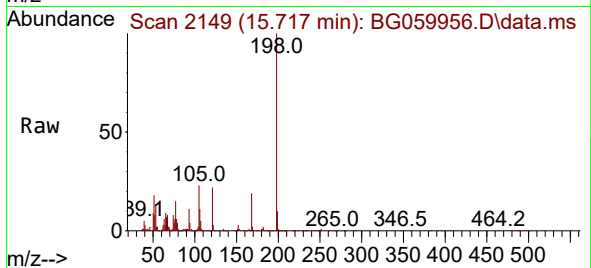




#65  
4,6-Dinitro-2-methylphenol  
Concen: 45.757 ng  
RT: 15.717 min Scan# 2149  
Delta R.T. 0.002 min  
Lab File: BG059956.D  
Acq: 5 Dec 2023 19:29

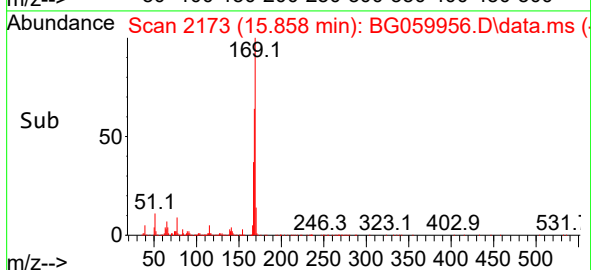
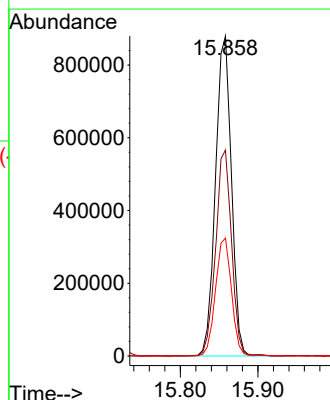
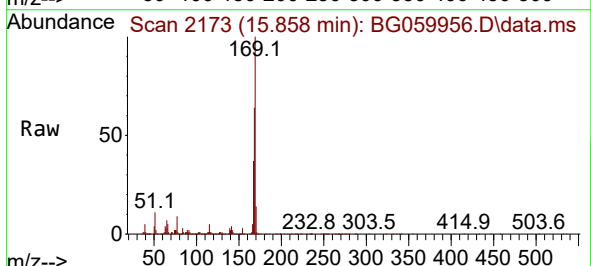
Instrument :  
BNA\_G  
ClientSampleId :  
TP-1MS

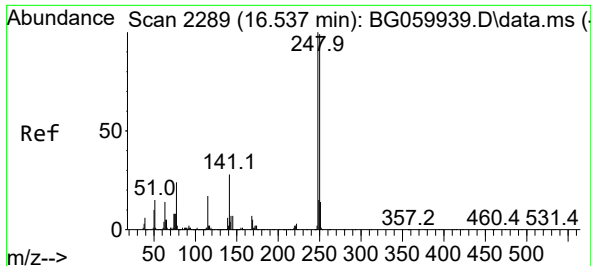
Tgt Ion:198 Resp: 372508  
Ion Ratio Lower Upper  
198 100  
51 18.2 0.0 34.4  
105 22.8 0.0 39.0



#66  
n-Nitrosodiphenylamine  
Concen: 51.407 ng  
RT: 15.858 min Scan# 2173  
Delta R.T. 0.002 min  
Lab File: BG059956.D  
Acq: 5 Dec 2023 19:29

Tgt Ion:169 Resp: 1253887  
Ion Ratio Lower Upper  
169 100  
168 64.4 53.5 80.3  
167 36.9 29.2 43.8

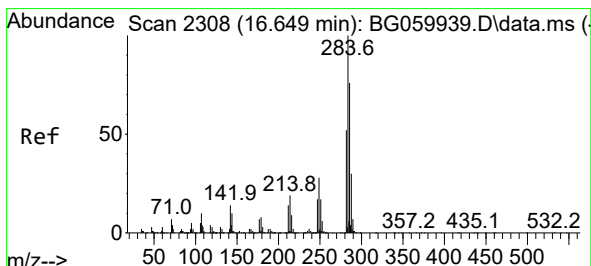
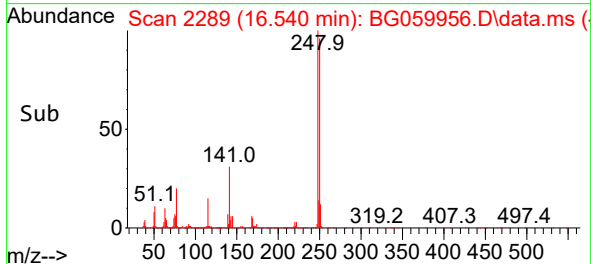
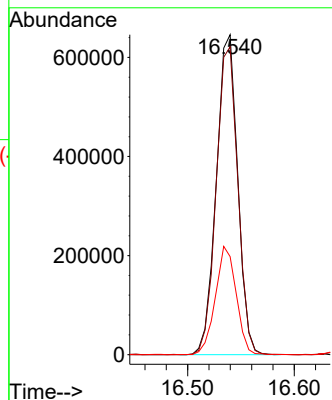
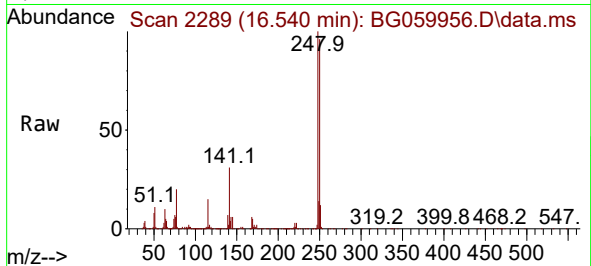




#67  
4-Bromophenyl-phenylether  
Concen: 49.209 ng  
RT: 16.540 min Scan# 2289  
Delta R.T. 0.002 min  
Lab File: BG059956.D  
Acq: 5 Dec 2023 19:29

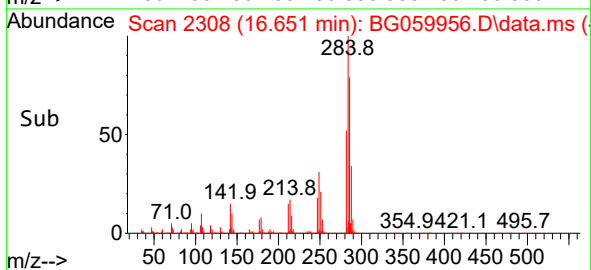
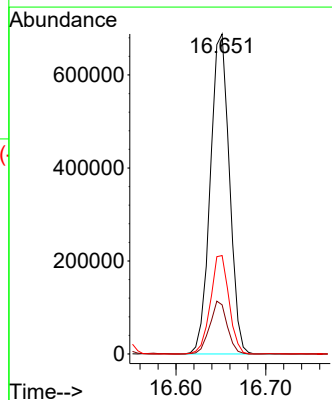
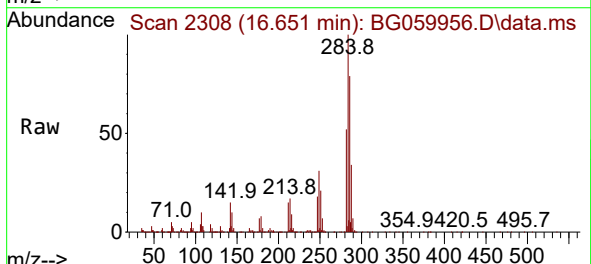
Instrument :  
BNA\_G  
ClientSampleId :  
TP-1MS

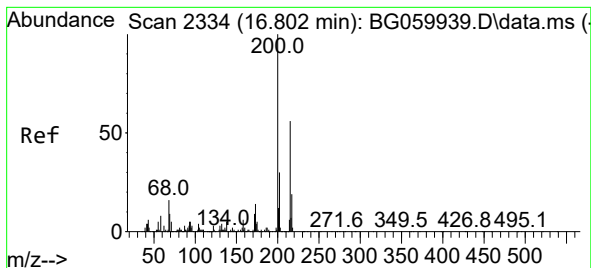
Tgt Ion:248 Resp: 897722  
Ion Ratio Lower Upper  
248 100  
250 96.2 79.0 118.4  
141 30.6 22.3 33.5



#68  
Hexachlorobenzene  
Concen: 50.104 ng  
RT: 16.651 min Scan# 2308  
Delta R.T. 0.002 min  
Lab File: BG059956.D  
Acq: 5 Dec 2023 19:29

Tgt Ion:284 Resp: 1015614  
Ion Ratio Lower Upper  
284 100  
142 15.3 11.4 17.0  
249 30.7 24.2 36.2





#69

Atrazine

Concen: 59.067 ng

RT: 16.804 min Scan# 21

Delta R.T. 0.002 min

Lab File: BG059956.D

Acq: 5 Dec 2023 19:29

Instrument :

BNA\_G

ClientSampleId :

TP-1MS

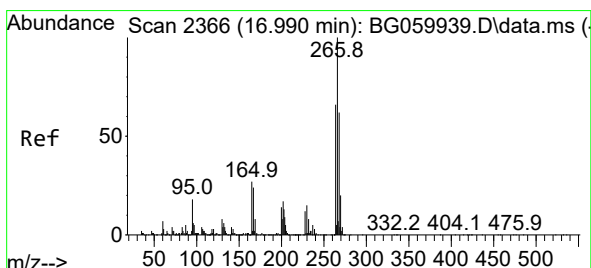
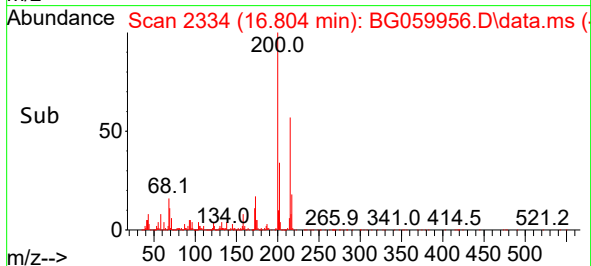
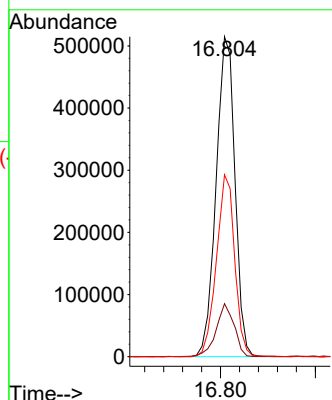
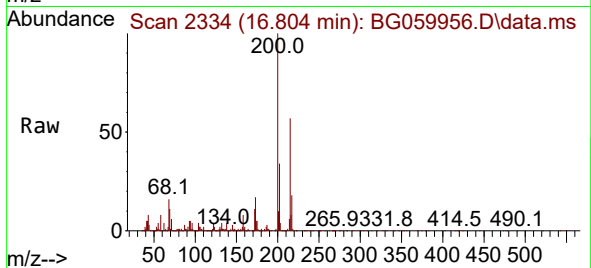
Tgt Ion:200 Resp: 710870

Ion Ratio Lower Upper

200 100

173 16.5 0.0 34.0

215 56.9 36.5 76.5



#70

Pentachlorophenol

Concen: 95.093 ng

RT: 16.992 min Scan# 2366

Delta R.T. 0.002 min

Lab File: BG059956.D

Acq: 5 Dec 2023 19:29

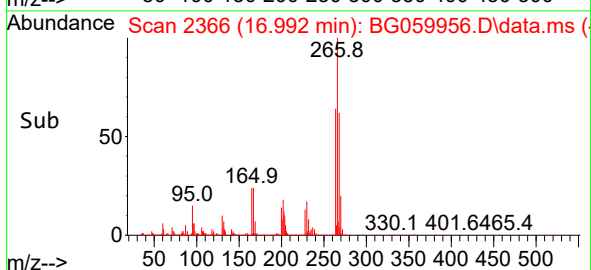
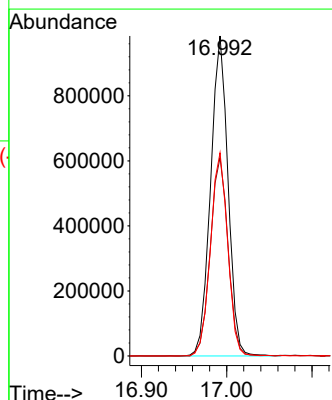
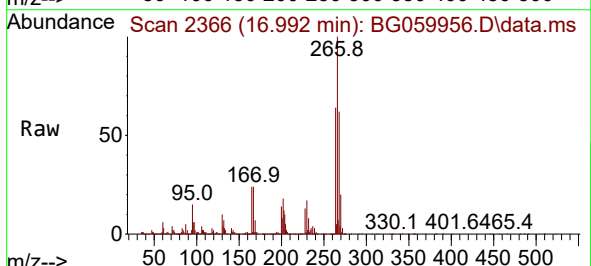
Tgt Ion:266 Resp: 1396774

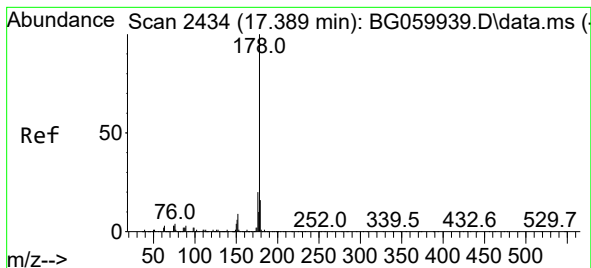
Ion Ratio Lower Upper

266 100

268 62.0 49.3 73.9

264 63.5 53.2 79.8





#71

Phenanthrene

Concen: 50.073 ng

RT: 17.392 min Scan# 2434

Delta R.T. 0.002 min

Lab File: BG059956.D

Acq: 5 Dec 2023 19:29

Instrument :

BNA\_G

ClientSampleId :

TP-1MS

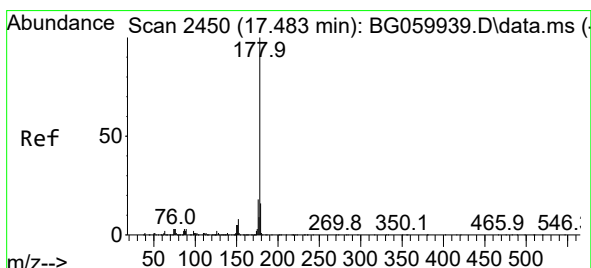
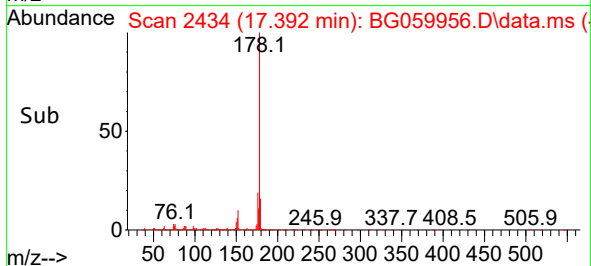
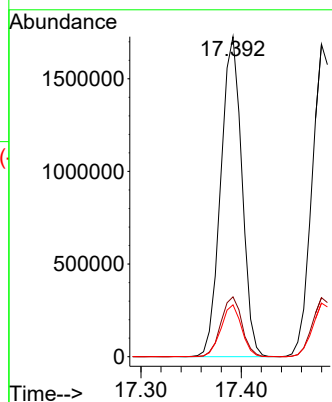
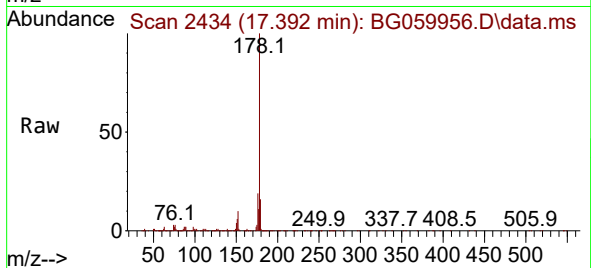
Tgt Ion:178 Resp: 2517693

Ion Ratio Lower Upper

178 100

176 18.7 15.8 23.8

179 16.2 12.6 19.0



#72

Anthracene

Concen: 49.102 ng

RT: 17.480 min Scan# 2449

Delta R.T. -0.004 min

Lab File: BG059956.D

Acq: 5 Dec 2023 19:29

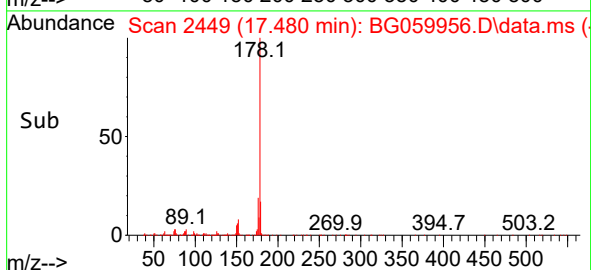
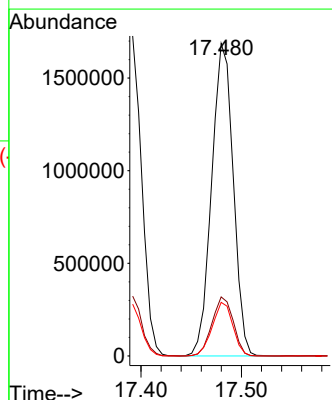
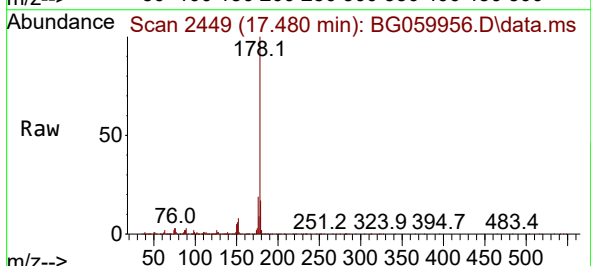
Tgt Ion:178 Resp: 2523546

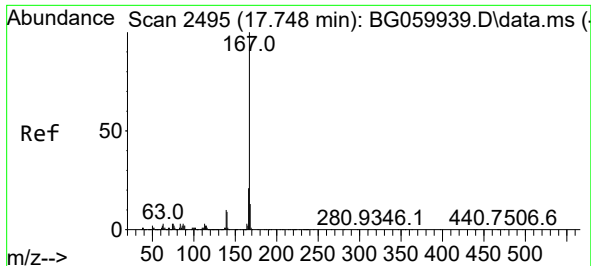
Ion Ratio Lower Upper

178 100

176 18.9 14.7 22.1

179 17.1 13.2 19.8

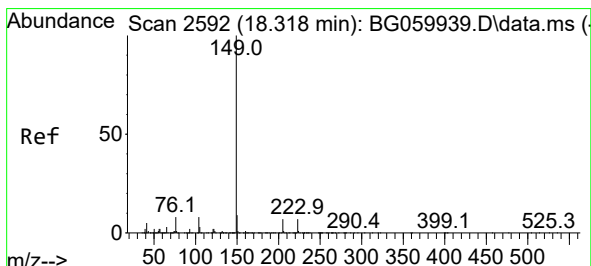
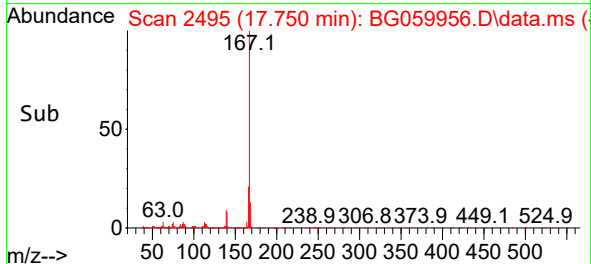
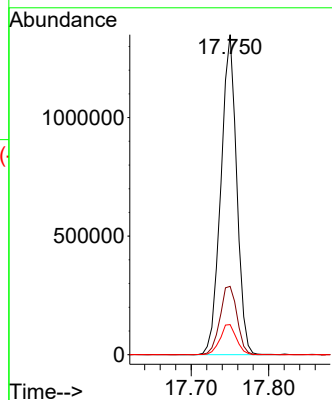
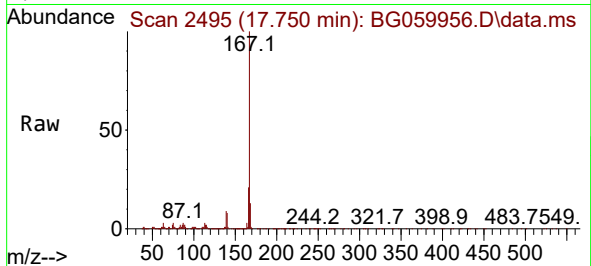




#73  
 Carbazole  
 Concen: 49.035 ng  
 RT: 17.750 min Scan# 2495  
 Delta R.T. 0.002 min  
 Lab File: BG059956.D  
 Acq: 5 Dec 2023 19:29

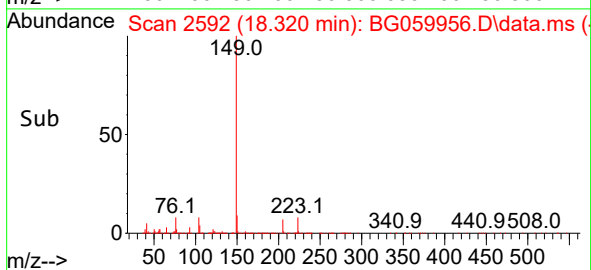
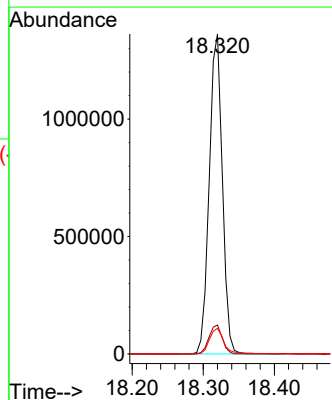
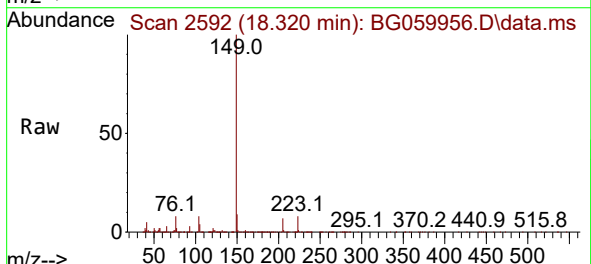
Instrument :  
 BNA\_G  
 ClientSampleId :  
 TP-1MS

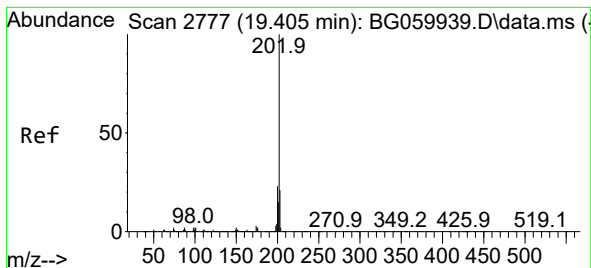
Tgt Ion:167 Resp: 1915365  
 Ion Ratio Lower Upper  
 167 100  
 166 21.3 16.7 25.1  
 139 9.4 8.0 12.0



#74  
 Di-n-butylphthalate  
 Concen: 51.730 ng  
 RT: 18.320 min Scan# 2592  
 Delta R.T. 0.002 min  
 Lab File: BG059956.D  
 Acq: 5 Dec 2023 19:29

Tgt Ion:149 Resp: 1747722  
 Ion Ratio Lower Upper  
 149 100  
 150 9.1 7.4 11.0  
 104 8.0 6.2 9.2





#75

Fluoranthene

Concen: 45.174 ng

RT: 19.407 min Scan# 21

Delta R.T. 0.002 min

Lab File: BG059956.D

Acq: 5 Dec 2023 19:29

Instrument :

BNA\_G

ClientSampleId :

TP-1MS

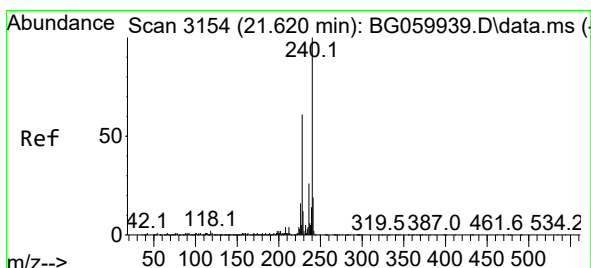
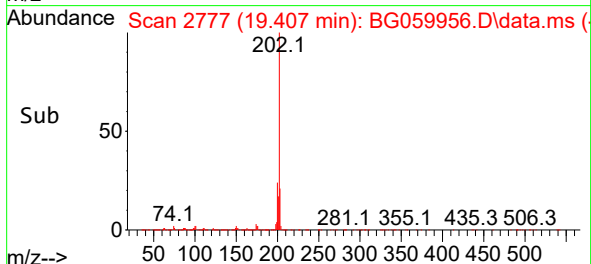
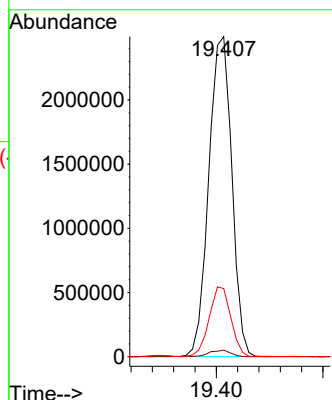
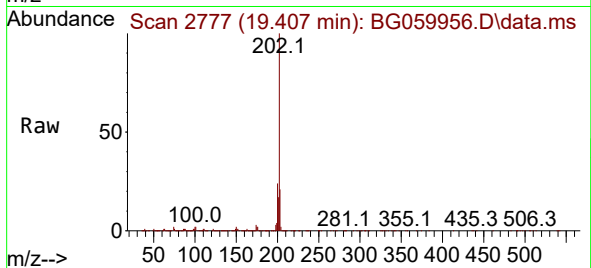
Tgt Ion:202 Resp: 3732860

Ion Ratio Lower Upper

202 100

101 2.1 0.0 21.6

203 21.3 0.9 40.9



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.622 min Scan# 3154

Delta R.T. 0.002 min

Lab File: BG059956.D

Acq: 5 Dec 2023 19:29

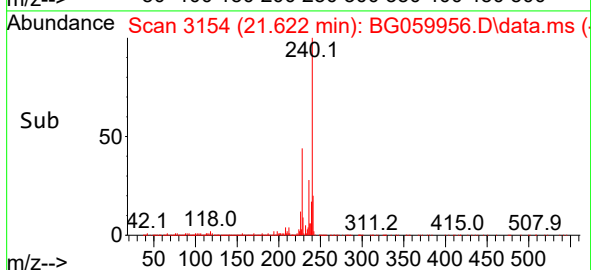
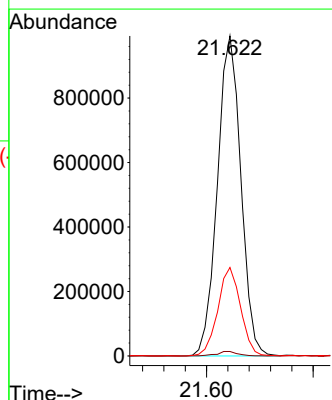
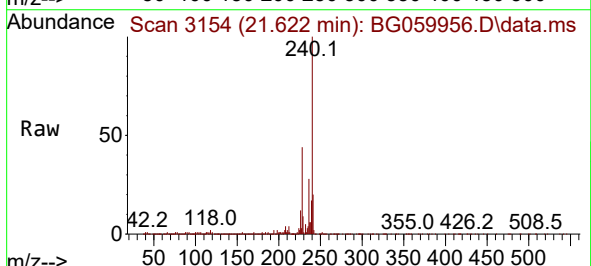
Tgt Ion:240 Resp: 1517378

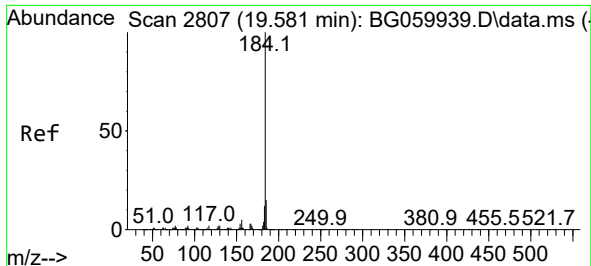
Ion Ratio Lower Upper

240 100

120 1.4 1.0 1.4

236 27.7 20.8 31.2

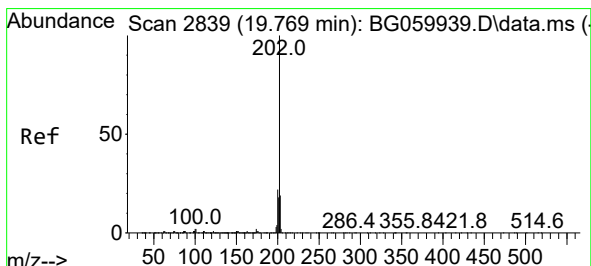
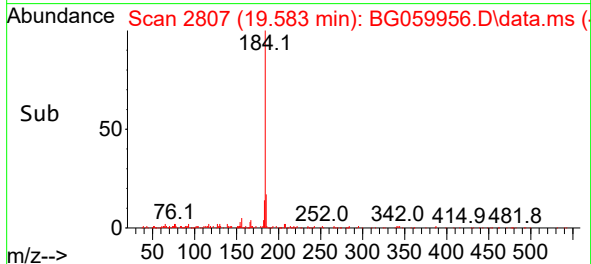
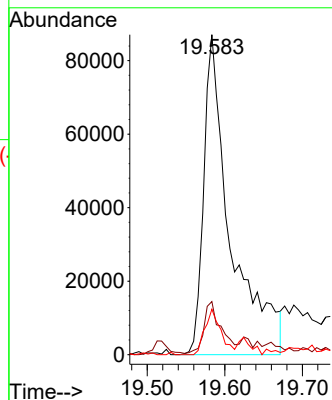
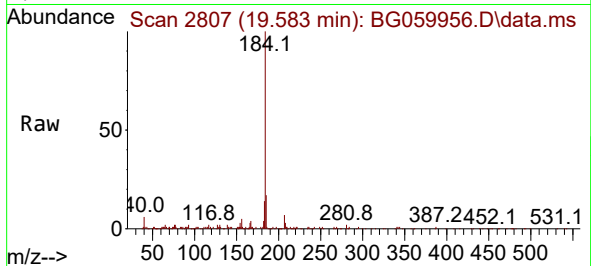




#77  
Benzidine  
Concen: 16.406 ng  
RT: 19.583 min Scan# 2807  
Delta R.T. 0.002 min  
Lab File: BG059956.D  
Acq: 5 Dec 2023 19:29

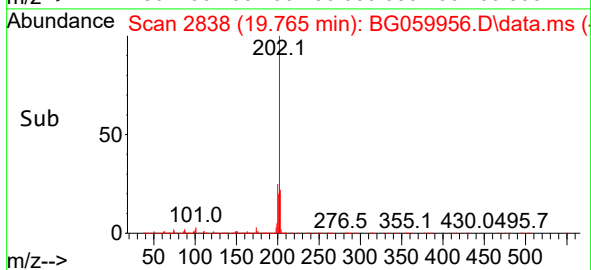
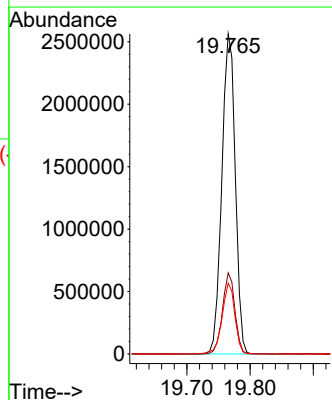
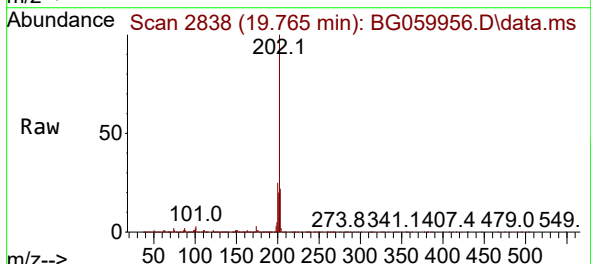
Instrument :  
BNA\_G  
ClientSampleId :  
TP-1MS

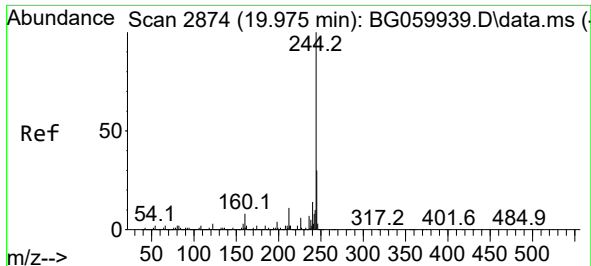
Tgt Ion:184 Resp: 209809  
Ion Ratio Lower Upper  
184 100  
185 16.6 12.0 18.0  
183 14.2 9.7 14.5



#78  
Pyrene  
Concen: 46.936 ng  
RT: 19.765 min Scan# 2838  
Delta R.T. -0.004 min  
Lab File: BG059956.D  
Acq: 5 Dec 2023 19:29

Tgt Ion:202 Resp: 3790145  
Ion Ratio Lower Upper  
202 100  
200 25.3 17.8 26.6  
203 22.1 15.4 23.0





#79

Terphenyl-d14

Concen: 68.306 ng

RT: 19.971 min Scan# 21

Delta R.T. -0.004 min

Lab File: BG059956.D

Acq: 5 Dec 2023 19:29

Instrument :

BNA\_G

ClientSampleId :

TP-1MS

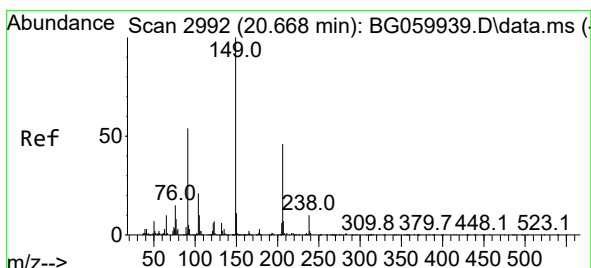
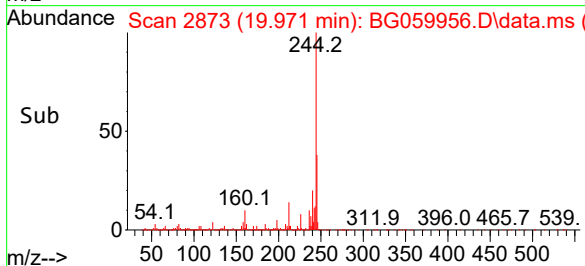
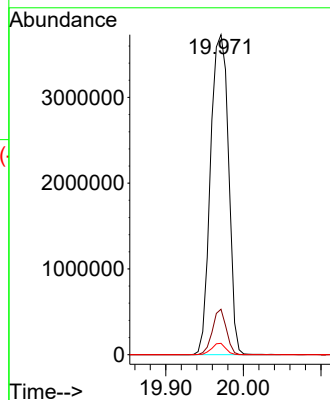
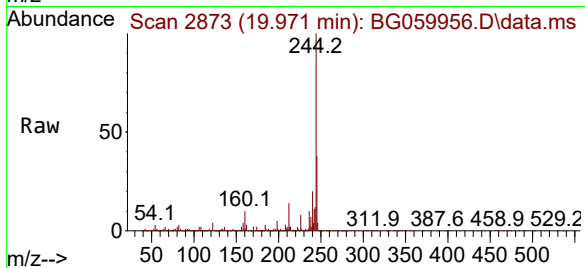
Tgt Ion:244 Resp: 6012349

Ion Ratio Lower Upper

244 100

212 14.2 8.6 13.0#

122 3.6 2.1 3.1#



#80

Butylbenzylphthalate

Concen: 54.219 ng

RT: 20.664 min Scan# 2991

Delta R.T. -0.004 min

Lab File: BG059956.D

Acq: 5 Dec 2023 19:29

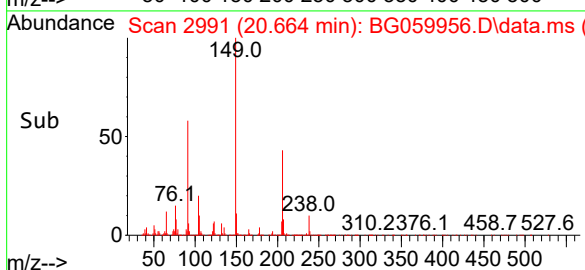
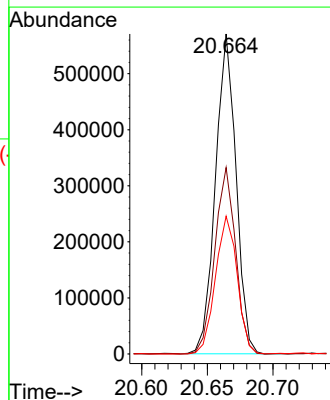
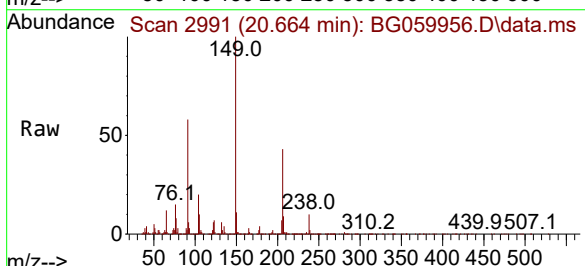
Tgt Ion:149 Resp: 621087

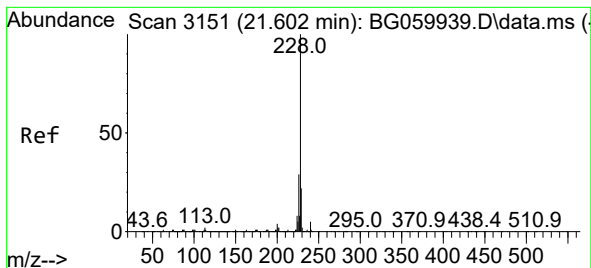
Ion Ratio Lower Upper

149 100

91 58.2 42.9 64.3

206 43.0 36.7 55.1





#81

Benzo(a)anthracene

Concen: 46.937 ng

RT: 21.604 min Scan# 3151

Delta R.T. 0.002 min

Lab File: BG059956.D

Acq: 5 Dec 2023 19:29

Instrument :

BNA\_G

ClientSampleId :

TP-1MS

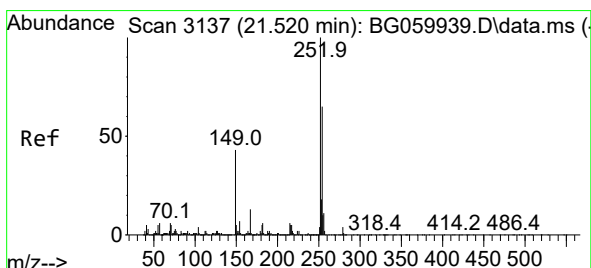
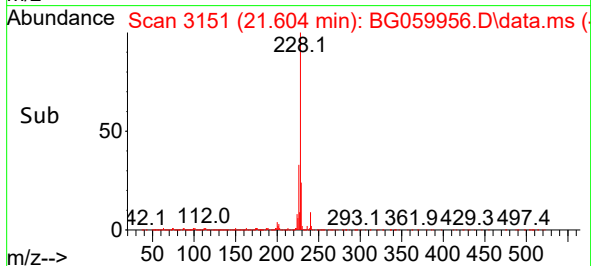
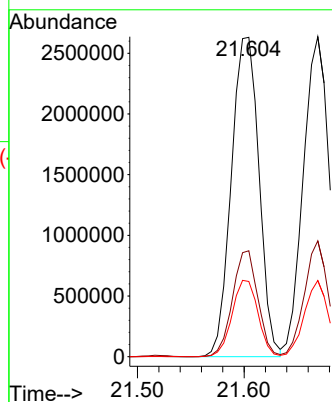
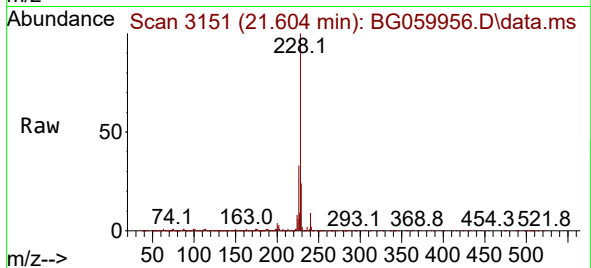
Tgt Ion:228 Resp: 4751959

Ion Ratio Lower Upper

228 100

226 33.2 23.4 35.2

229 23.5 17.4 26.2



#82

3,3'-Dichlorobenzidine

Concen: 30.220 ng

RT: 21.516 min Scan# 3136

Delta R.T. -0.004 min

Lab File: BG059956.D

Acq: 5 Dec 2023 19:29

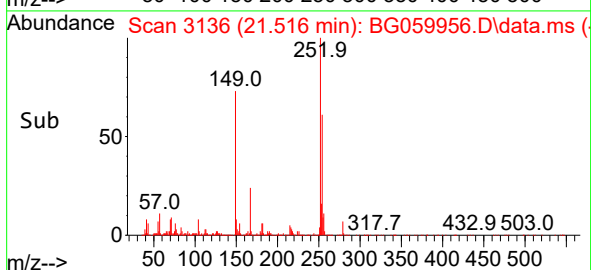
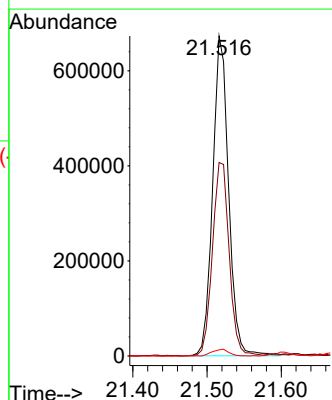
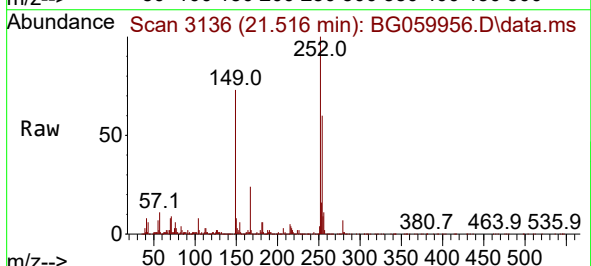
Tgt Ion:252 Resp: 1004814

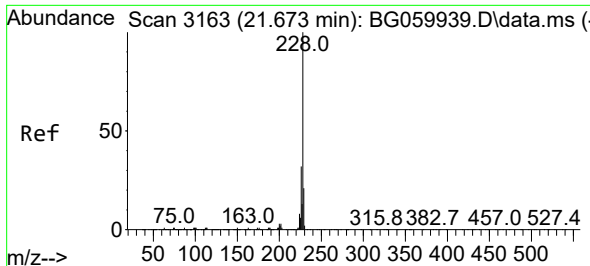
Ion Ratio Lower Upper

252 100

254 60.5 51.9 77.9

126 1.9 1.4 2.2





#83

Chrysene

Concen: 46.780 ng

RT: 21.669 min Scan# 3162

Delta R.T. -0.004 min

Lab File: BG059956.D

Acq: 5 Dec 2023 19:29

Instrument :

BNA\_G

ClientSampleId :

TP-1MS

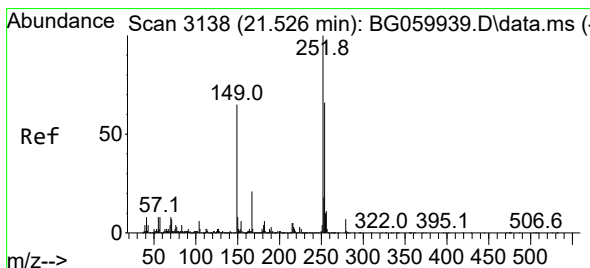
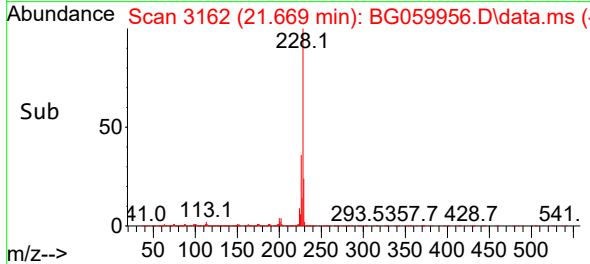
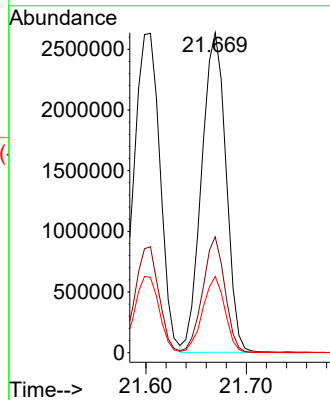
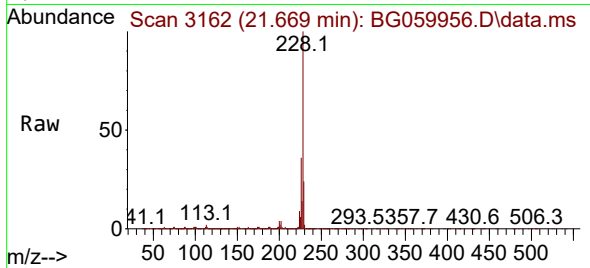
Tgt Ion:228 Resp: 4440263

Ion Ratio Lower Upper

228 100

226 36.2 25.4 38.2

229 23.8 17.1 25.7



#84

Bis(2-ethylhexyl)phthalate

Concen: 55.669 ng

RT: 21.522 min Scan# 3137

Delta R.T. -0.004 min

Lab File: BG059956.D

Acq: 5 Dec 2023 19:29

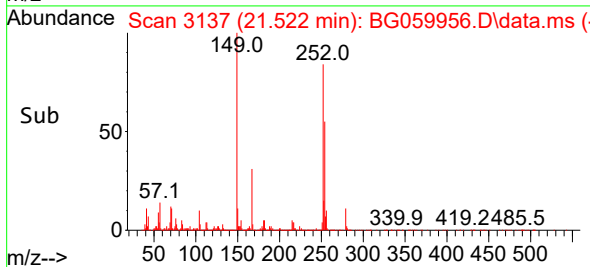
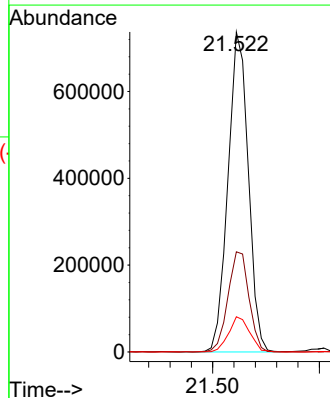
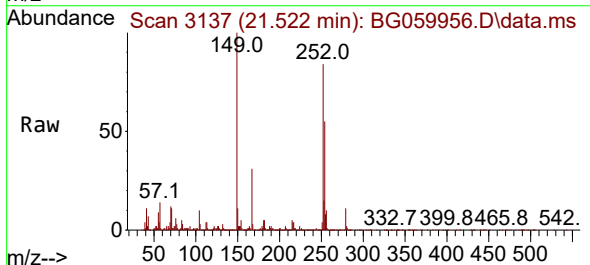
Tgt Ion:149 Resp: 975777

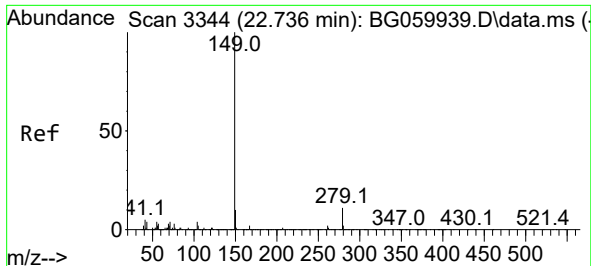
Ion Ratio Lower Upper

149 100

167 31.3 26.1 39.1

279 11.0 8.6 12.8

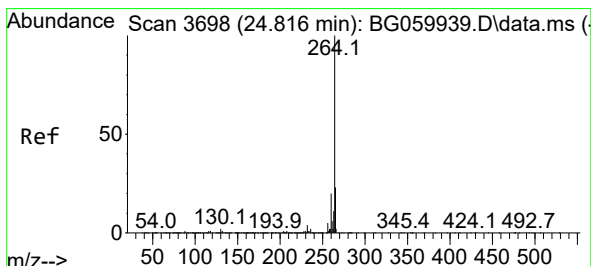
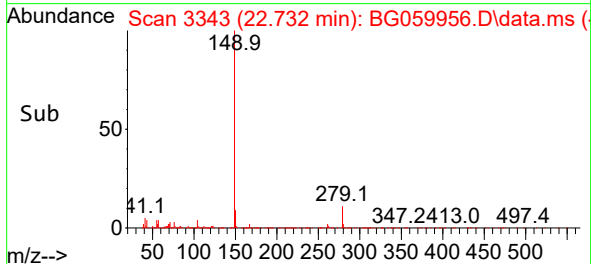
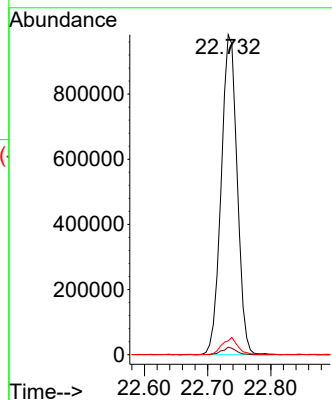
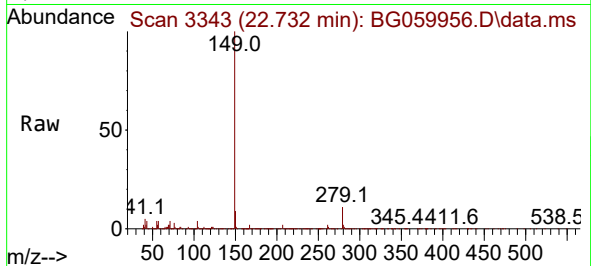




#85  
Di-n-octyl phthalate  
Concen: 57.008 ng  
RT: 22.732 min Scan# 31  
Delta R.T. -0.004 min  
Lab File: BG059956.D  
Acq: 5 Dec 2023 19:29

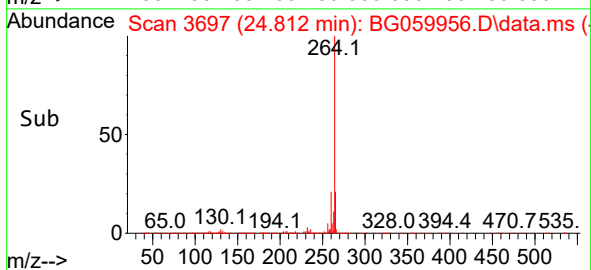
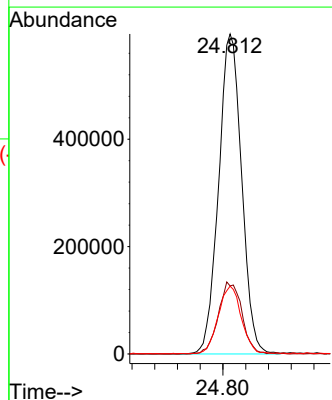
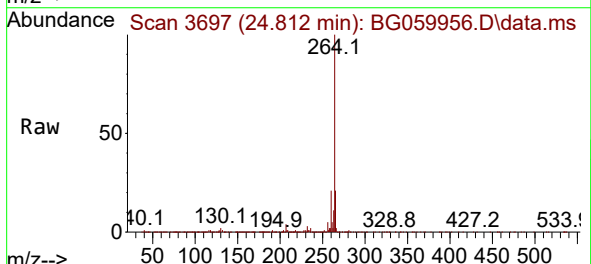
Instrument :  
BNA\_G  
ClientSampleId :  
TP-1MS

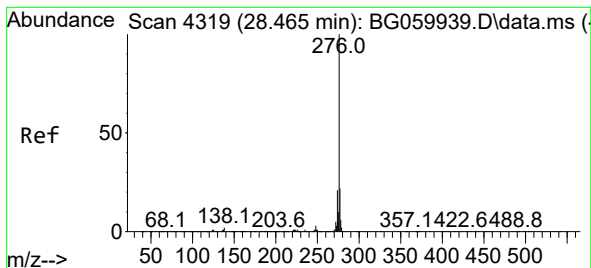
Tgt Ion:149 Resp: 1726887  
Ion Ratio Lower Upper  
149 100  
167 2.1 1.7 2.5  
43 5.3 3.6 5.4



#86  
Perylene-d12  
Concen: 20.000 ng  
RT: 24.812 min Scan# 3697  
Delta R.T. -0.004 min  
Lab File: BG059956.D  
Acq: 5 Dec 2023 19:29

Tgt Ion:264 Resp: 1674125  
Ion Ratio Lower Upper  
264 100  
260 21.3 15.8 23.6  
265 21.2 18.1 27.1





#87

Indeno(1,2,3-cd)pyrene

Concen: 53.486 ng

RT: 28.467 min Scan# 4319

Delta R.T. 0.002 min

Lab File: BG059956.D

Acq: 5 Dec 2023 19:29

Instrument :

BNA\_G

ClientSampleId :

TP-1MS

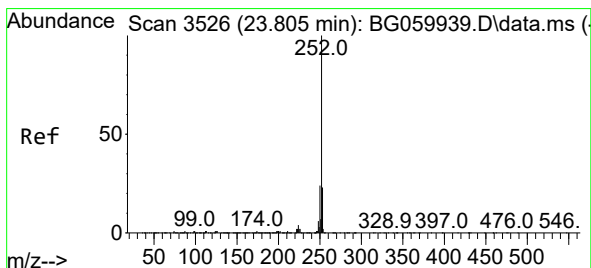
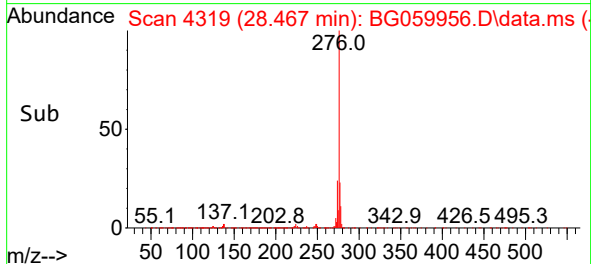
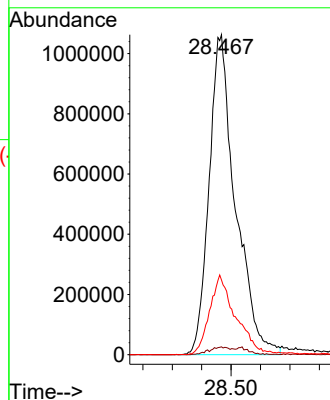
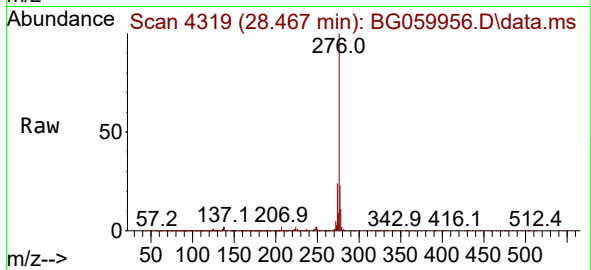
Tgt Ion:276 Resp: 6612111

Ion Ratio Lower Upper

276 100

138 1.3 0.0 0.0#

277 24.5 19.9 29.9



#88

Benzo(b)fluoranthene

Concen: 51.773 ng

RT: 23.802 min Scan# 3525

Delta R.T. -0.004 min

Lab File: BG059956.D

Acq: 5 Dec 2023 19:29

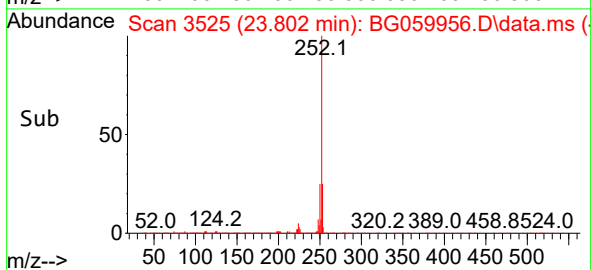
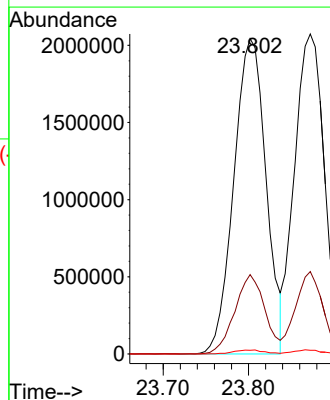
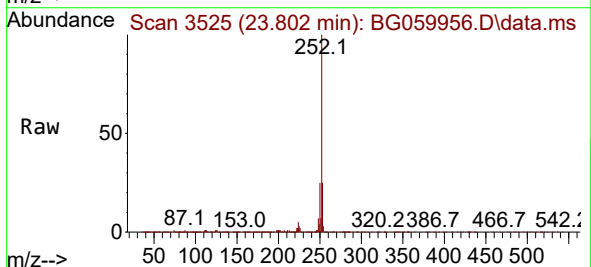
Tgt Ion:252 Resp: 5357392

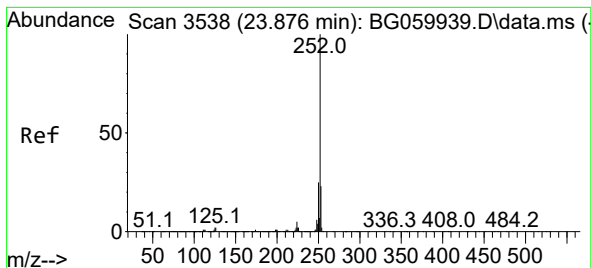
Ion Ratio Lower Upper

252 100

253 25.2 18.5 27.7

125 1.2 1.2 1.8#





#89

Benzo(k)fluoranthene

Concen: 49.807 ng

RT: 23.872 min Scan# 3

Delta R.T. -0.004 min

Lab File: BG059956.D

Acq: 5 Dec 2023 19:29

Instrument :

BNA\_G

ClientSampleId :

TP-1MS

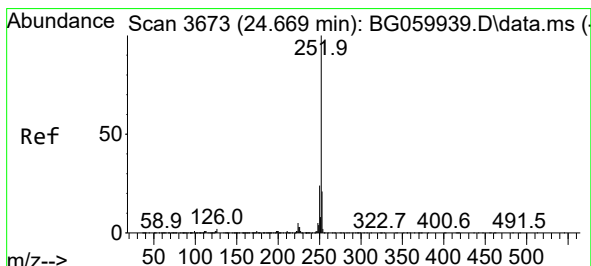
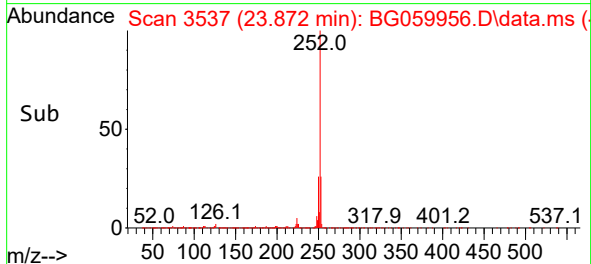
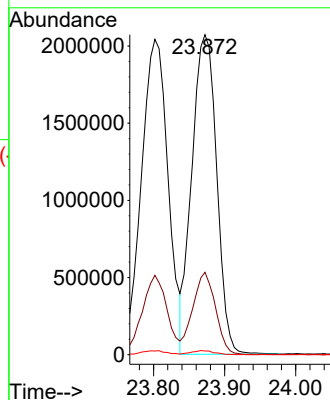
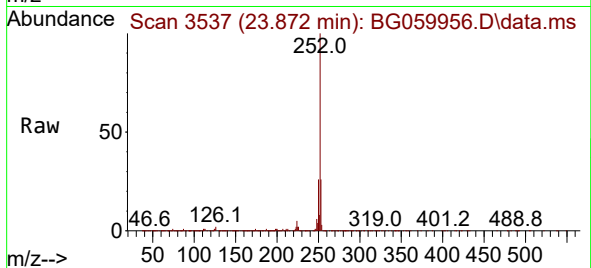
Tgt Ion:252 Resp: 5022090

Ion Ratio Lower Upper

252 100

253 25.8 18.3 27.5

125 1.2 1.3 1.9#



#90

Benzo(a)pyrene

Concen: 50.698 ng

RT: 24.666 min Scan# 3672

Delta R.T. -0.004 min

Lab File: BG059956.D

Acq: 5 Dec 2023 19:29

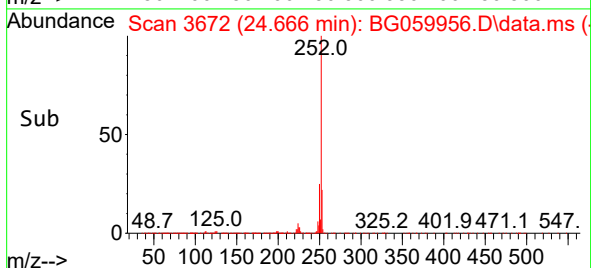
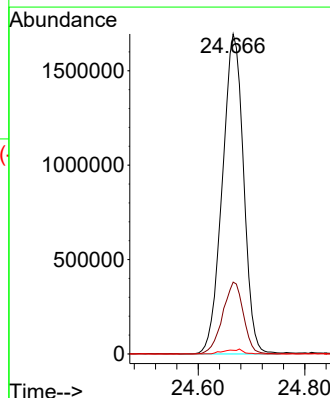
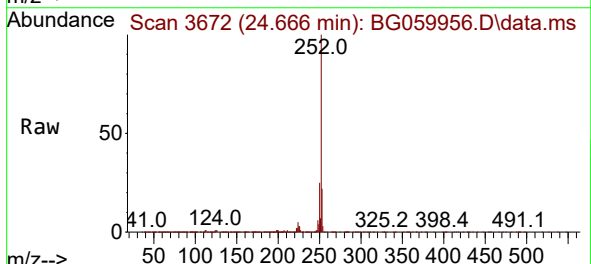
Tgt Ion:252 Resp: 4685197

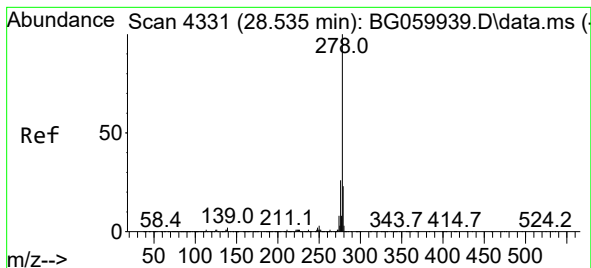
Ion Ratio Lower Upper

252 100

253 22.4 17.0 25.6

125 1.1 0.9 1.3





#91

Dibenzo(a,h)anthracene

Concen: 53.998 ng

RT: 28.526 min Scan# 41

Delta R.T. -0.009 min

Lab File: BG059956.D

Acq: 5 Dec 2023 19:29

Instrument :

BNA\_G

ClientSampleId :

TP-1MS

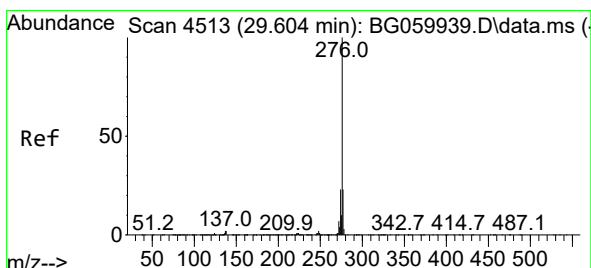
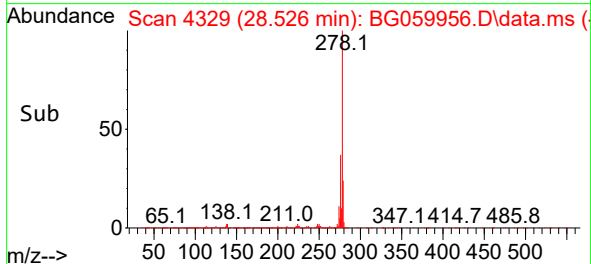
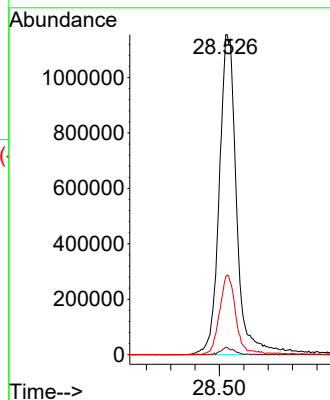
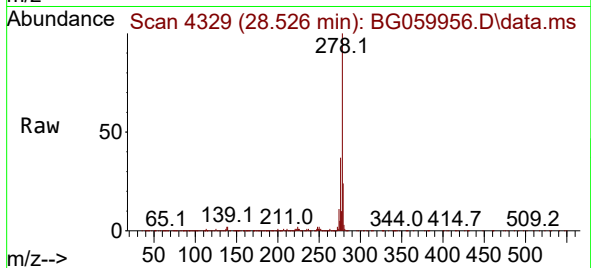
Tgt Ion:278 Resp: 5667667

Ion Ratio Lower Upper

278 100

139 2.4 1.7 2.5

279 24.4 18.8 28.2



#92

Benzo(g,h,i)perylene

Concen: 50.431 ng

RT: 29.601 min Scan# 4512

Delta R.T. -0.004 min

Lab File: BG059956.D

Acq: 5 Dec 2023 19:29

Tgt Ion:276 Resp: 5119390

Ion Ratio Lower Upper

276 100

277 24.4 18.1 27.1

138 3.3 1.6 2.4#

