

Data Path : Z:\svoasrv\HPCHEM1\BNA\_G\Data\BG072823\  
 Data File : BG058525.D  
 Acq On : 28 Jul 2023 19:41  
 Operator : MA/JU  
 Sample : PB154198BS  
 Misc :  
 ALS Vial : 6 Sample Multiplier: 1

Instrument :  
 BNA\_G  
 ClientSampleId :

Quant Time: Jul 28 22:55:28 2023  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_G\Methods\8270-BG072823.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Fri Jul 28 22:29:07 2023  
 Response via : Initial Calibration

| Compound                  | R.T.   | QIon | Response | Conc   | Units | Dev(Min) |
|---------------------------|--------|------|----------|--------|-------|----------|
| -----                     |        |      |          |        |       |          |
| Internal Standards        |        |      |          |        |       |          |
| 1) 1,4-Dichlorobenzene-d4 | 7.811  | 152  | 47729    | 20.000 | ng    | 0.00     |
| 21) Naphthalene-d8        | 10.614 | 136  | 202287   | 20.000 | ng    | 0.00     |
| 39) Acenaphthene-d10      | 14.462 | 164  | 140411   | 20.000 | ng    | 0.00     |
| 64) Phenanthrene-d10      | 17.206 | 188  | 340157   | 20.000 | ng    | 0.00     |
| 76) Chrysene-d12          | 21.448 | 240  | 292607   | 20.000 | ng    | 0.00     |
| 86) Perylene-d12          | 24.509 | 264  | 371296   | 20.000 | ng    | 0.00     |

|                             |        |     |         |         |    |      |
|-----------------------------|--------|-----|---------|---------|----|------|
| System Monitoring Compounds |        |     |         |         |    |      |
| 5) 2-Fluorophenol           | 5.385  | 112 | 475010  | 152.116 | ng | 0.00 |
| 7) Phenol-d6                | 6.989  | 99  | 635452  | 146.243 | ng | 0.00 |
| 23) Nitrobenzene-d5         | 8.981  | 82  | 388169  | 94.267  | ng | 0.00 |
| 42) 2,4,6-Tribromophenol    | 15.955 | 330 | 324314  | 140.918 | ng | 0.00 |
| 45) 2-Fluorobiphenyl        | 13.082 | 172 | 866101  | 92.438  | ng | 0.00 |
| 79) Terphenyl-d14           | 19.827 | 244 | 1551149 | 99.689  | ng | 0.00 |

|                               |        |     |        |         |        |
|-------------------------------|--------|-----|--------|---------|--------|
| Target Compounds              |        |     |        |         | Qvalue |
| 2) 1,4-Dioxane                | 3.270  | 88  | 56684  | 37.461  | ng 98  |
| 3) Pyridine                   | 3.663  | 79  | 146029 | 35.397  | ng 99  |
| 4) n-Nitrosodimethylamine     | 3.581  | 42  | 80125  | 45.839  | ng 94  |
| 6) Aniline                    | 7.142  | 93  | 201129 | 37.596  | ng 99  |
| 8) 2-Chlorophenol             | 7.382  | 128 | 163237 | 53.286  | ng 99  |
| 9) Benzaldehyde               | 6.954  | 77  | 101396 | 42.951  | ng 95  |
| 10) Phenol                    | 7.018  | 94  | 224403 | 52.868  | ng 96  |
| 11) bis(2-Chloroethyl)ether   | 7.236  | 93  | 160988 | 48.110  | ng 98  |
| 12) 1,3-Dichlorobenzene       | 7.700  | 146 | 165757 | 50.672  | ng 98  |
| 13) 1,4-Dichlorobenzene       | 7.847  | 146 | 167082 | 50.869  | ng 97  |
| 14) 1,2-Dichlorobenzene       | 8.164  | 146 | 163710 | 52.132  | ng 98  |
| 15) Benzyl Alcohol            | 8.058  | 79  | 152181 | 55.226  | ng 98  |
| 16) 2,2'-oxybis(1-Chloropr... | 8.346  | 45  | 263986 | 48.566  | ng 99  |
| 17) 2-Methylphenol            | 8.264  | 107 | 152743 | 49.216  | ng 99  |
| 18) Hexachloroethane          | 8.892  | 117 | 61310  | 51.355  | ng 93  |
| 19) n-Nitroso-di-n-propyla... | 8.622  | 70  | 134307 | 47.853  | ng 97  |
| 20) 3+4-Methylphenols         | 8.593  | 107 | 211138 | 50.295  | ng 100 |
| 22) Acetophenone              | 8.640  | 105 | 257417 | 47.525  | ng 98  |
| 24) Nitrobenzene              | 9.022  | 77  | 192941 | 46.089  | ng 98  |
| 25) Isophorone                | 9.539  | 82  | 388074 | 45.612  | ng 100 |
| 26) 2-Nitrophenol             | 9.733  | 139 | 89042  | 48.863  | ng 98  |
| 27) 2,4-Dimethylphenol        | 9.791  | 122 | 155342 | 51.393  | ng 97  |
| 28) bis(2-Chloroethoxy)met... | 10.026 | 93  | 220312 | 47.582  | ng 99  |
| 29) 2,4-Dichlorophenol        | 10.267 | 162 | 160066 | 51.002  | ng 99  |
| 30) 1,2,4-Trichlorobenzene    | 10.479 | 180 | 173805 | 48.021  | ng 96  |
| 31) Naphthalene               | 10.667 | 128 | 498580 | 46.764  | ng 100 |
| 32) Benzoic acid              | 9.956  | 122 | 102681 | 44.831  | ng 99  |
| 33) 4-Chloroaniline           | 10.778 | 127 | 103527 | 22.982  | ng 98  |
| 34) Hexachlorobutadiene       | 10.943 | 225 | 109563 | 47.006  | ng 97  |
| 35) Caprolactam               | 11.560 | 113 | 36769  | 31.726  | ng 99  |
| 36) 4-Chloro-3-methylphenol   | 11.912 | 107 | 195570 | 50.375  | ng 97  |
| 37) 2-Methylnaphthalene       | 12.283 | 142 | 346791 | 45.472  | ng 98  |
| 38) 1-Methylnaphthalene       | 12.500 | 142 | 327415 | 45.163  | ng 97  |
| 40) 1,2,4,5-Tetrachloroben... | 12.653 | 216 | 193899 | 44.980  | ng 98  |
| 41) Hexachlorocyclopentadiene | 12.629 | 237 | 226392 | 110.254 | ng 97  |
| 43) 2,4,6-Trichlorophenol     | 12.894 | 196 | 144483 | 48.730  | ng 97  |

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 QLast Update : Fri Jul 28 22:29:07 2023  
 Response via : Initial Calibration

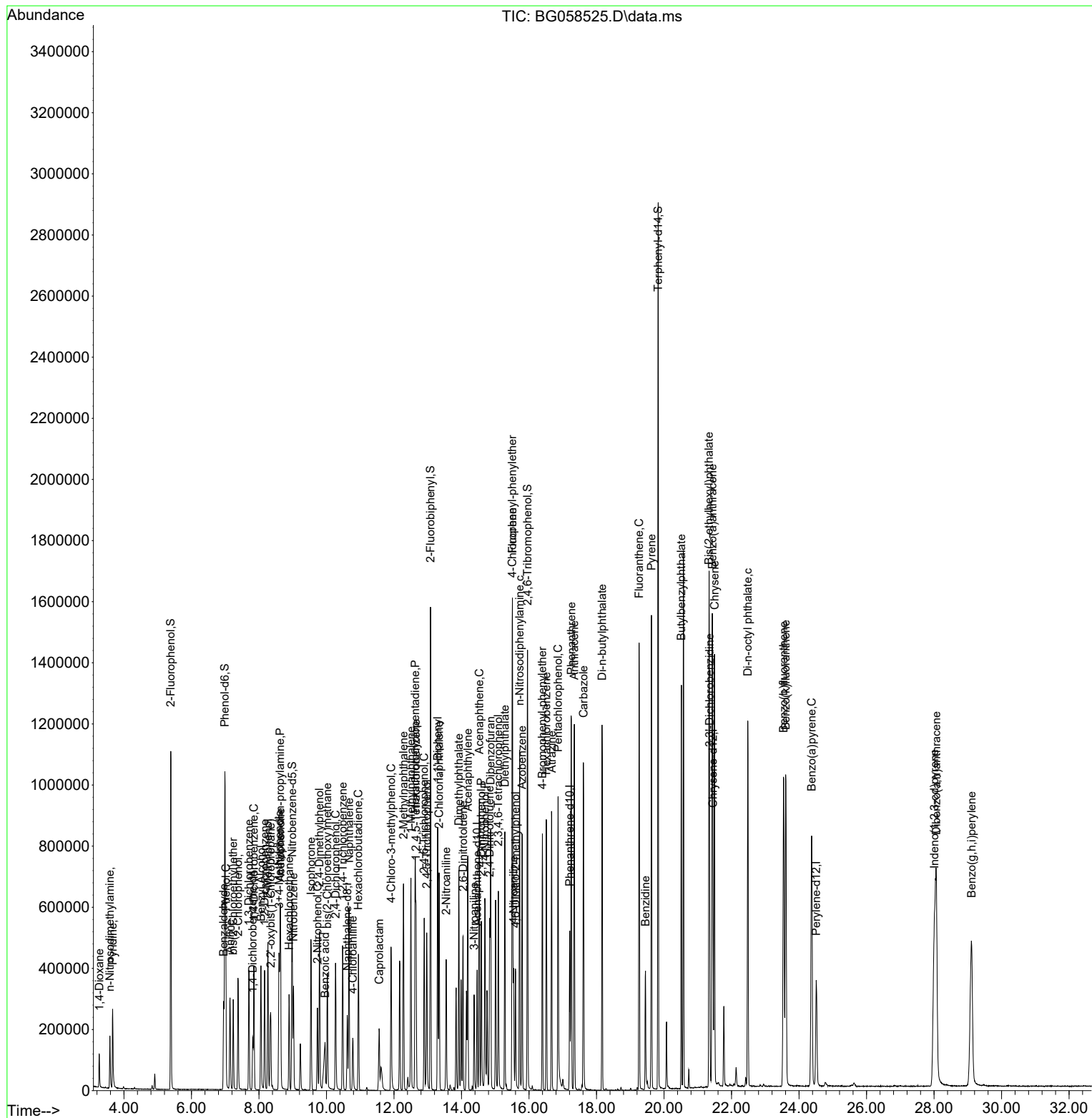
| Compound                      | R.T.   | QIon | Response | Conc    | Units | Dev(Min) |
|-------------------------------|--------|------|----------|---------|-------|----------|
| 44) 2,4,5-Trichlorophenol     | 12.970 | 196  | 159194   | 45.584  | ng    | 97       |
| 46) 1,1'-Biphenyl             | 13.293 | 154  | 447438   | 46.401  | ng    | 100      |
| 47) 2-Chloronaphthalene       | 13.334 | 162  | 356493   | 47.415  | ng    | 99       |
| 48) 2-Nitroaniline            | 13.546 | 65   | 139688   | 48.676  | ng    | 99       |
| 49) Acenaphthylene            | 14.186 | 152  | 583647   | 46.367  | ng    | 100      |
| 50) Dimethylphthalate         | 13.922 | 163  | 487838   | 46.262  | ng    | 99       |
| 51) 2,6-Dinitrotoluene        | 14.045 | 165  | 111536   | 48.204  | ng    | 99       |
| 52) Acenaphthene              | 14.527 | 154  | 338873   | 46.591  | ng    | 98       |
| 53) 3-Nitroaniline            | 14.374 | 138  | 77529    | 33.491  | ng    | 98       |
| 54) 2,4-Dinitrophenol         | 14.586 | 184  | 131094   | 98.587  | ng    | 98       |
| 55) Dibenzofuran              | 14.862 | 168  | 575388   | 46.038  | ng    | 100      |
| 56) 4-Nitrophenol             | 14.697 | 139  | 178880   | 103.272 | ng    | 97       |
| 57) 2,4-Dinitrotoluene        | 14.833 | 165  | 158445   | 49.394  | ng    | 95       |
| 58) Fluorene                  | 15.508 | 166  | 458821   | 46.212  | ng    | 98       |
| 59) 2,3,4,6-Tetrachlorophenol | 15.091 | 232  | 151244   | 50.752  | ng    | 98       |
| 60) Diethylphthalate          | 15.285 | 149  | 508840   | 47.365  | ng    | 99       |
| 61) 4-Chlorophenyl-phenyle... | 15.502 | 204  | 254407   | 45.961  | ng    | 99       |
| 62) 4-Nitroaniline            | 15.543 | 138  | 110319   | 50.306  | ng    | 96       |
| 63) Azobenzene                | 15.796 | 77   | 492683   | 46.561  | ng    | 100      |
| 65) 4,6-Dinitro-2-methylph... | 15.602 | 198  | 99734    | 53.175  | ng    | 96       |
| 66) n-Nitrosodiphenylamine    | 15.720 | 169  | 417911   | 47.204  | ng    | 98       |
| 67) 4-Bromophenyl-phenylether | 16.395 | 248  | 180175   | 46.700  | ng    | 99       |
| 68) Hexachlorobenzene         | 16.513 | 284  | 201698   | 49.336  | ng    | 99       |
| 69) Atrazine                  | 16.672 | 200  | 178615   | 59.764  | ng    | 97       |
| 70) Pentachlorophenol         | 16.860 | 266  | 241501   | 97.594  | ng    | 96       |
| 71) Phenanthrene              | 17.253 | 178  | 775069   | 48.046  | ng    | 99       |
| 72) Anthracene                | 17.341 | 178  | 788658   | 47.646  | ng    | 100      |
| 73) Carbazole                 | 17.612 | 167  | 735667   | 50.401  | ng    | 99       |
| 74) Di-n-butylphthalate       | 18.164 | 149  | 891717   | 48.774  | ng    | 99       |
| 75) Fluoranthene              | 19.263 | 202  | 930381   | 48.013  | ng    | 100      |
| 77) Benzidine                 | 19.451 | 184  | 280129   | 63.133  | ng    | 98       |
| 78) Pyrene                    | 19.627 | 202  | 950830   | 47.748  | ng    | 99       |
| 80) Butylbenzylphthalate      | 20.514 | 149  | 395032   | 48.294  | ng    | 99       |
| 81) Benzo(a)anthracene        | 21.431 | 228  | 973807   | 48.359  | ng    | 99       |
| 82) 3,3'-Dichlorobenzidine    | 21.348 | 252  | 268623   | 39.454  | ng    | 99       |
| 83) Chrysene                  | 21.495 | 228  | 905083   | 46.878  | ng    | 99       |
| 84) Bis(2-ethylhexyl)phtha... | 21.331 | 149  | 576771   | 48.252  | ng    | 100      |
| 85) Di-n-octyl phthalate      | 22.482 | 149  | 1027555  | 48.896  | ng    | 100      |
| 87) Indeno(1,2,3-cd)pyrene    | 28.011 | 276  | 1231803  | 49.868  | ng    | # 90     |
| 88) Benzo(b)fluoranthene      | 23.540 | 252  | 1036330  | 51.461  | ng    | 99       |
| 89) Benzo(k)fluoranthene      | 23.605 | 252  | 1007766  | 49.813  | ng    | 99       |
| 90) Benzo(a)pyrene            | 24.374 | 252  | 921162   | 46.577  | ng    | 98       |
| 91) Dibenzo(a,h)anthracene    | 28.070 | 278  | 1017531  | 49.819  | ng    | 99       |
| 92) Benzo(g,h,i)perylene      | 29.110 | 276  | 1014886  | 49.554  | ng    | 99       |

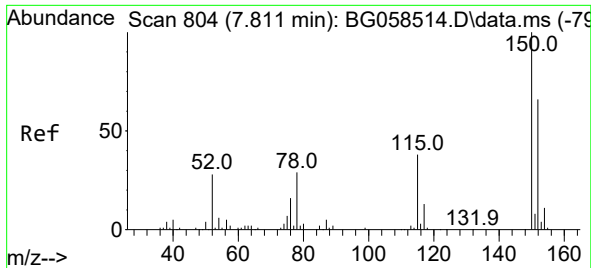
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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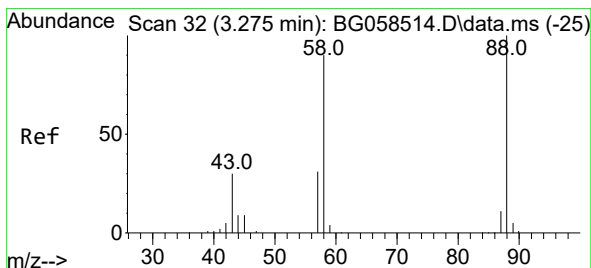
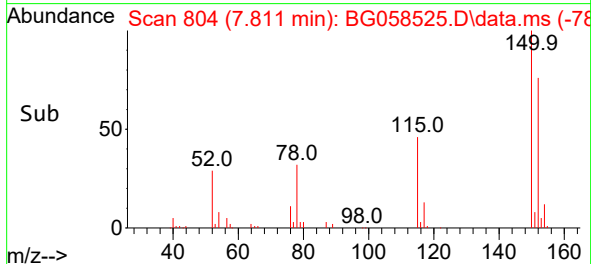
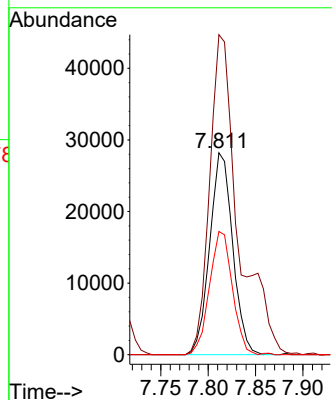
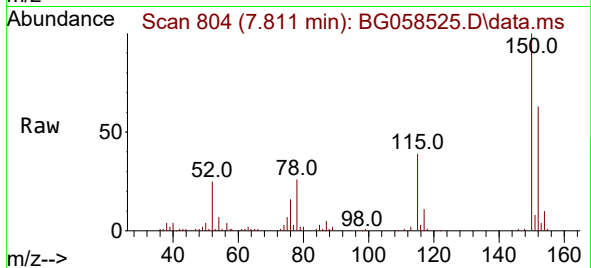




#1  
 1,4-Dichlorobenzene-d4  
 Concen: 20.000 ng  
 RT: 7.811 min Scan# 80  
 Delta R.T. 0.000 min  
 Lab File: BG058525.D  
 Acq: 28 Jul 2023 19:41

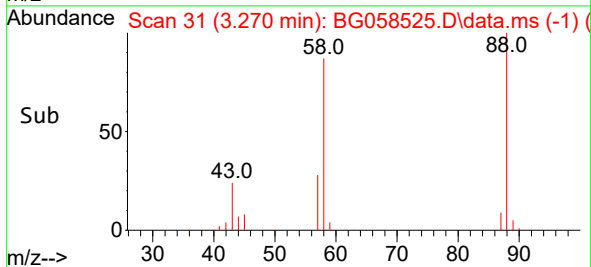
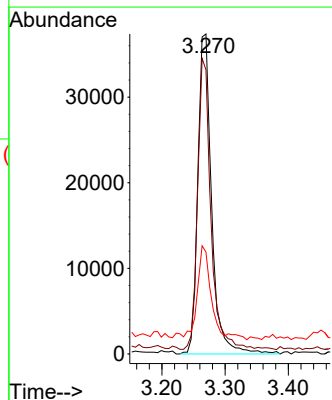
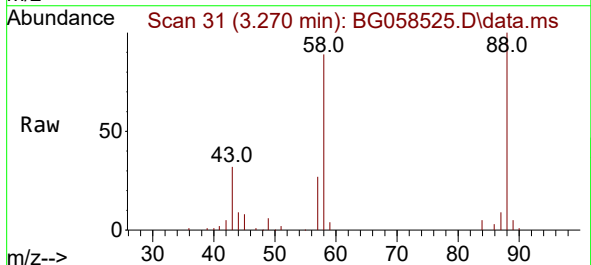
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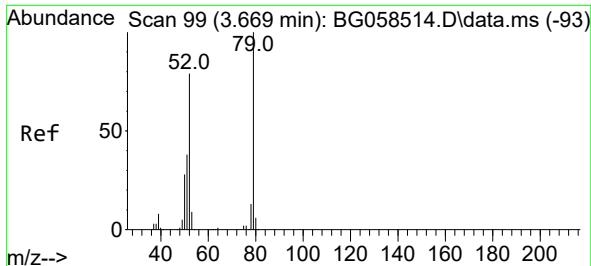
Tgt Ion:152 Resp: 47729  
 Ion Ratio Lower Upper  
 152 100  
 150 158.5 120.5 180.7  
 115 61.0 45.9 68.9



#2  
 1,4-Dioxane  
 Concen: 37.461 ng  
 RT: 3.270 min Scan# 31  
 Delta R.T. -0.006 min  
 Lab File: BG058525.D  
 Acq: 28 Jul 2023 19:41

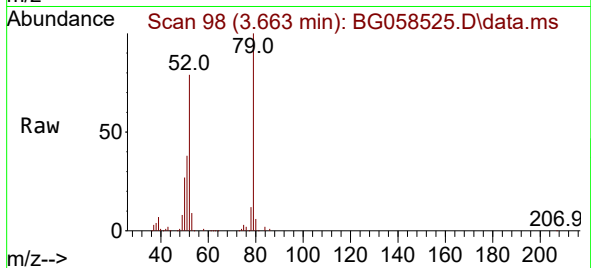
Tgt Ion: 88 Resp: 56684  
 Ion Ratio Lower Upper  
 88 100  
 58 88.0 68.9 103.3  
 43 27.2 22.9 34.3



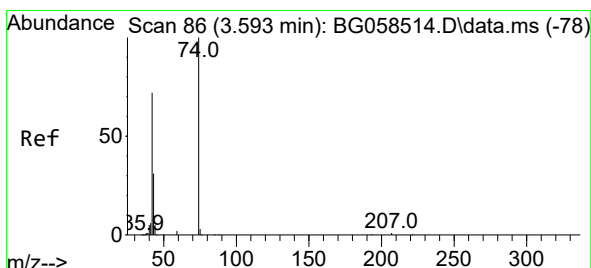
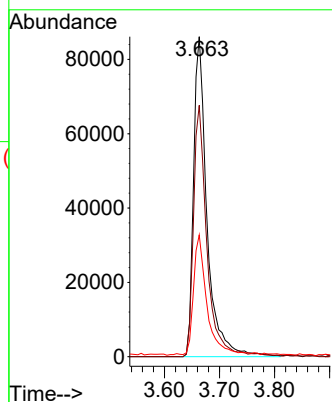
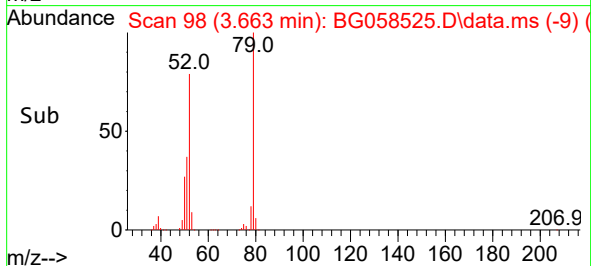


#3  
Pyridine  
Concen: 35.397 ng  
RT: 3.663 min Scan# 91  
Delta R.T. -0.006 min  
Lab File: BG058525.D  
Acq: 28 Jul 2023 19:41

Instrument :  
BNA\_G  
ClientSampleId :

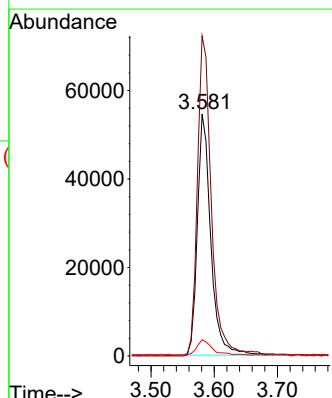
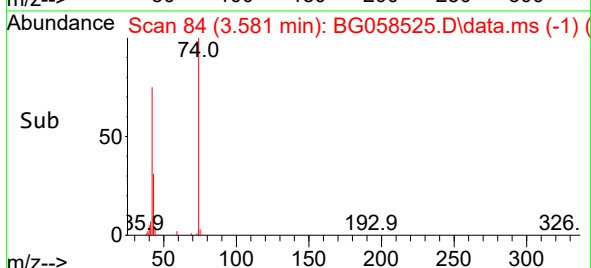
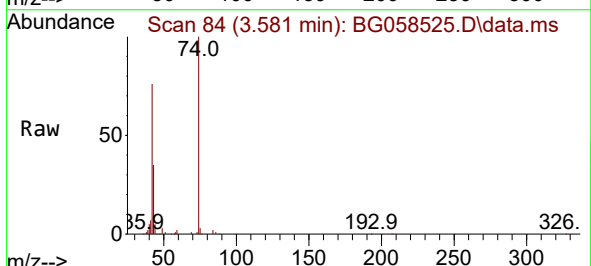


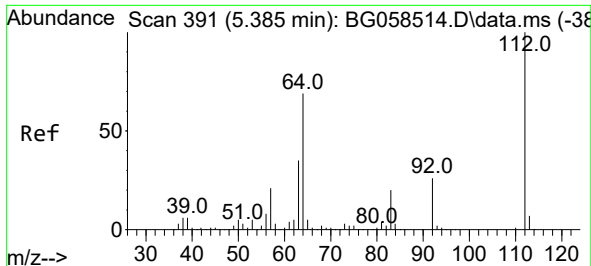
Tgt Ion: 79 Resp: 146029  
Ion Ratio Lower Upper  
79 100  
52 78.6 63.2 94.8  
51 38.0 31.9 47.9



#4  
n-Nitrosodimethylamine  
Concen: 45.839 ng  
RT: 3.581 min Scan# 84  
Delta R.T. -0.012 min  
Lab File: BG058525.D  
Acq: 28 Jul 2023 19:41

Tgt Ion: 42 Resp: 80125  
Ion Ratio Lower Upper  
42 100  
74 132.3 111.5 167.3  
44 6.7 5.4 8.2

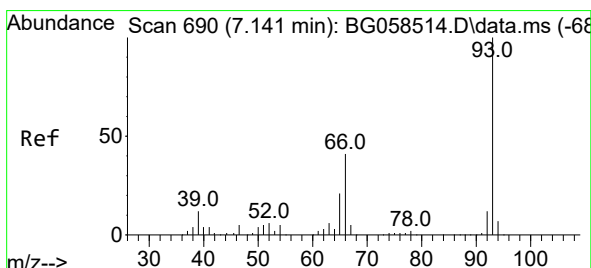
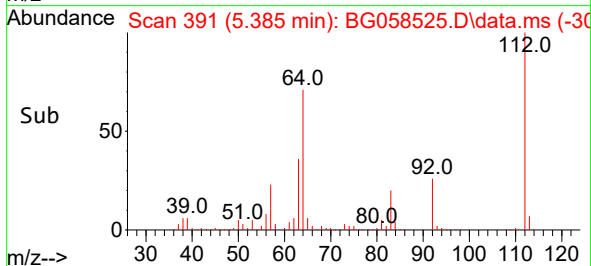
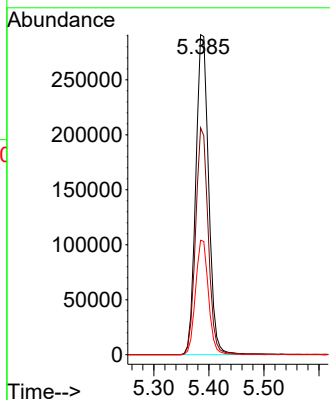
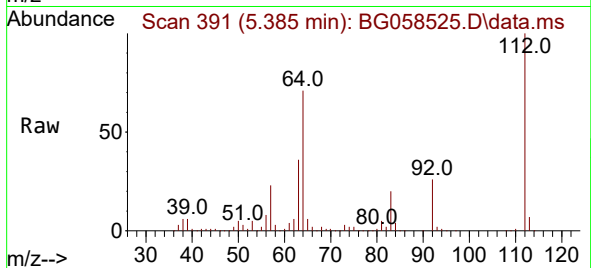




#5  
2-Fluorophenol  
Concen: 152.116 ng  
RT: 5.385 min Scan# 391  
Delta R.T. 0.000 min  
Lab File: BG058525.D  
Acq: 28 Jul 2023 19:41

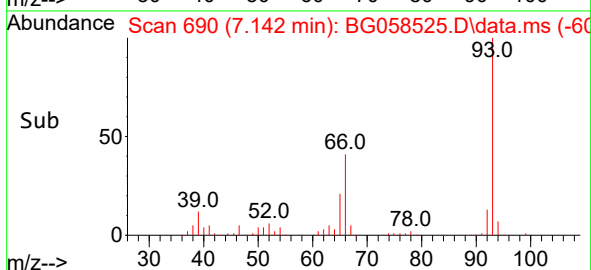
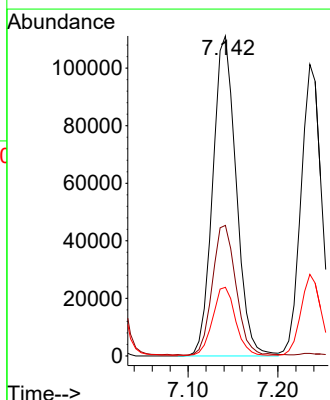
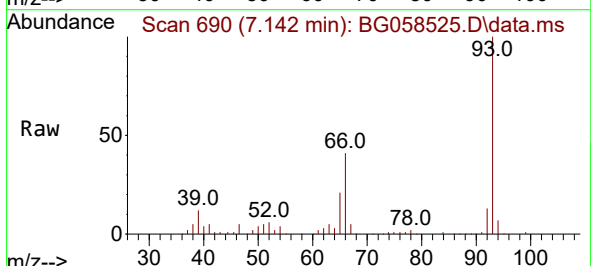
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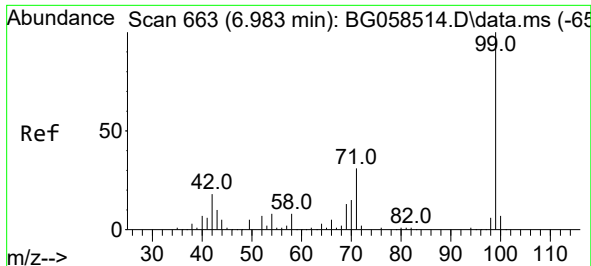
Tgt Ion:112 Resp: 475010  
Ion Ratio Lower Upper  
112 100  
64 70.9 55.3 82.9  
63 35.7 28.3 42.5



#6  
Aniline  
Concen: 37.596 ng  
RT: 7.142 min Scan# 690  
Delta R.T. 0.000 min  
Lab File: BG058525.D  
Acq: 28 Jul 2023 19:41

Tgt Ion: 93 Resp: 201129  
Ion Ratio Lower Upper  
93 100  
66 40.8 33.1 49.7  
65 21.5 17.0 25.4

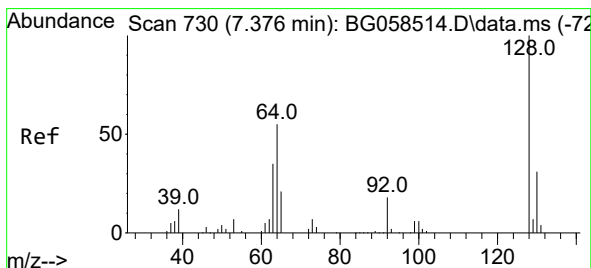
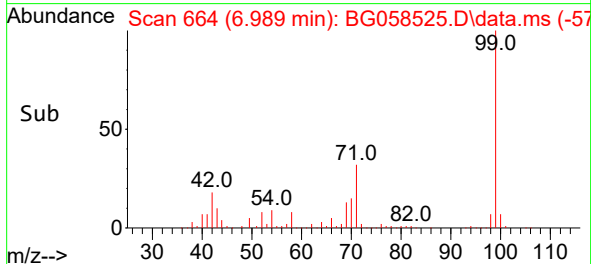
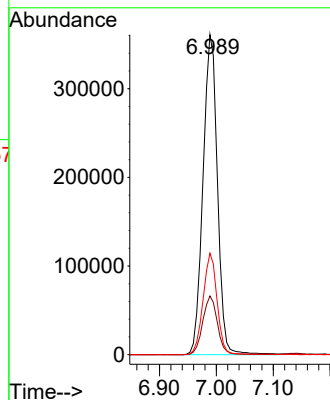
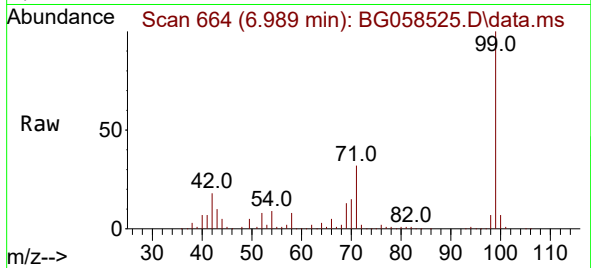




#7  
Phenol-d6  
Concen: 146.243 ng  
RT: 6.989 min Scan# 60  
Delta R.T. 0.006 min  
Lab File: BG058525.D  
Acq: 28 Jul 2023 19:41

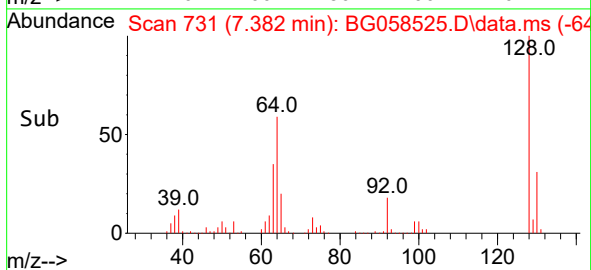
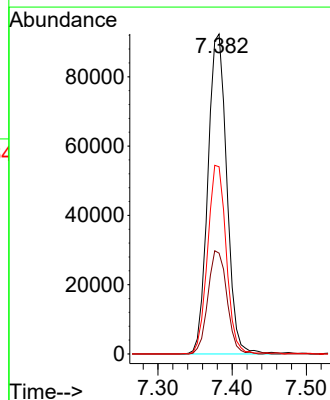
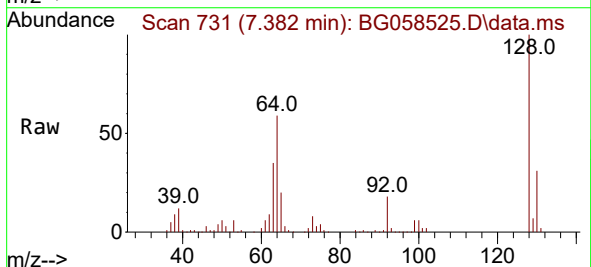
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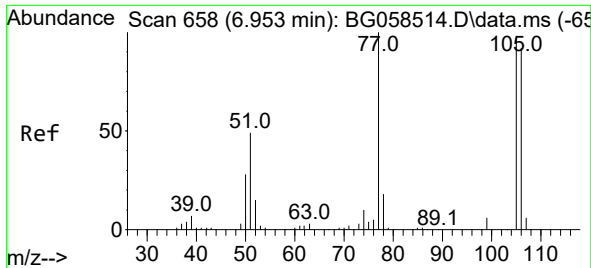
Tgt Ion: 99 Resp: 635452  
Ion Ratio Lower Upper  
99 100  
42 18.4 14.6 21.8  
71 31.7 25.0 37.4



#8  
2-Chlorophenol  
Concen: 53.286 ng  
RT: 7.382 min Scan# 731  
Delta R.T. 0.006 min  
Lab File: BG058525.D  
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Tgt Ion:128 Resp: 163237  
Ion Ratio Lower Upper  
128 100  
130 31.5 10.9 50.9  
64 58.5 39.0 79.0

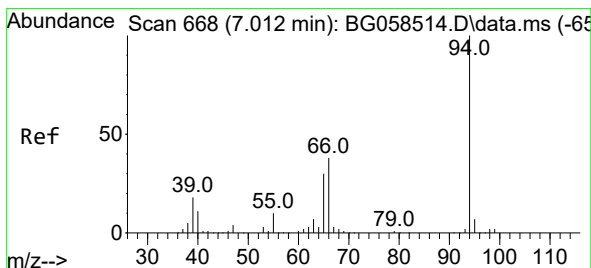
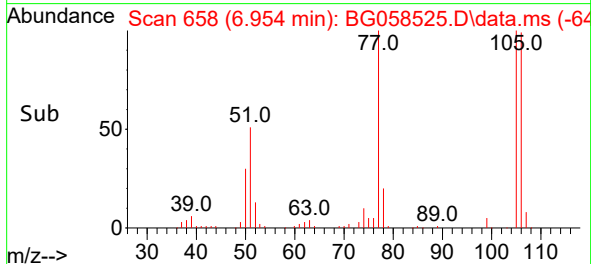
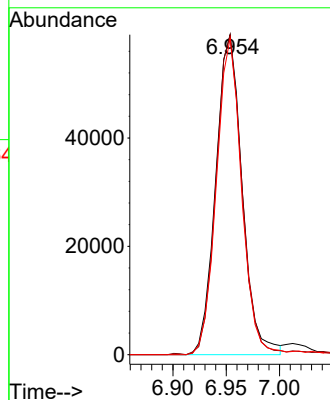
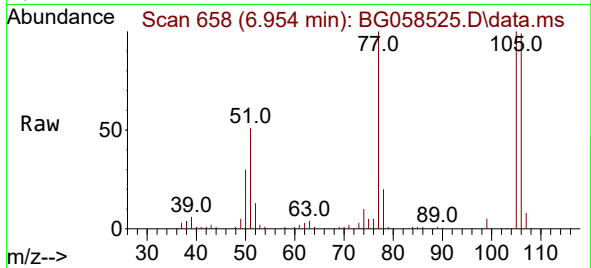




#9  
Benzaldehyde  
Concen: 42.951 ng  
RT: 6.954 min Scan# 61  
Delta R.T. 0.000 min  
Lab File: BG058525.D  
Acq: 28 Jul 2023 19:41

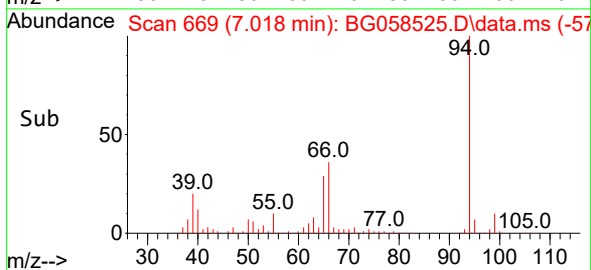
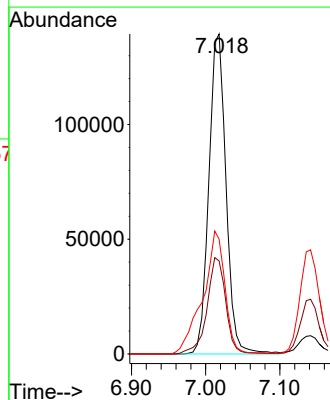
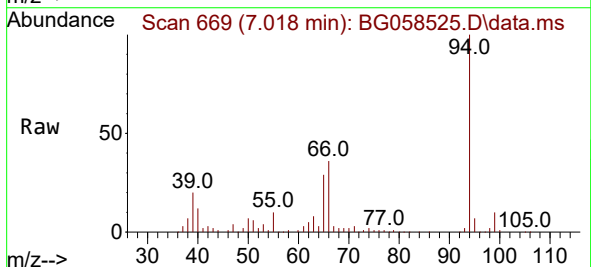
Instrument :  
BNA\_G  
ClientSampleId :

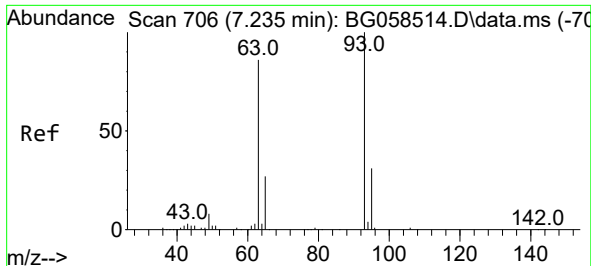
Tgt Ion: 77 Resp: 101396  
Ion Ratio Lower Upper  
77 100  
105 99.9 77.1 117.1  
106 98.8 71.6 111.6



#10  
Phenol  
Concen: 52.868 ng  
RT: 7.018 min Scan# 669  
Delta R.T. 0.006 min  
Lab File: BG058525.D  
Acq: 28 Jul 2023 19:41

Tgt Ion: 94 Resp: 224403  
Ion Ratio Lower Upper  
94 100  
65 29.1 10.4 50.4  
66 35.9 18.7 58.7

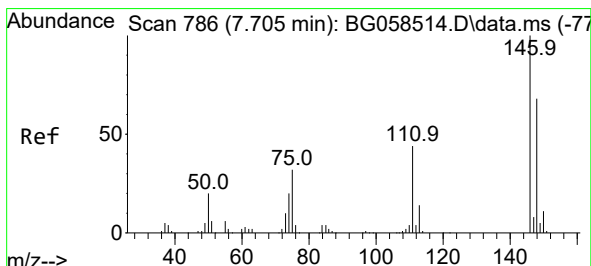
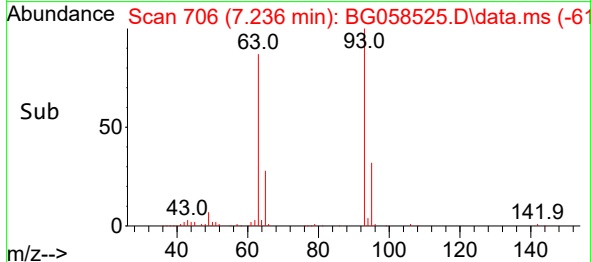
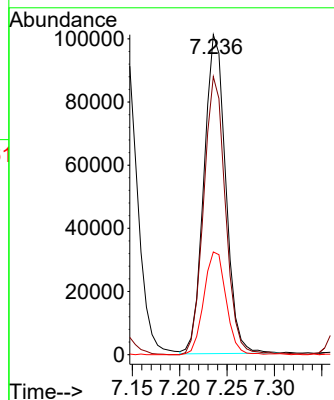
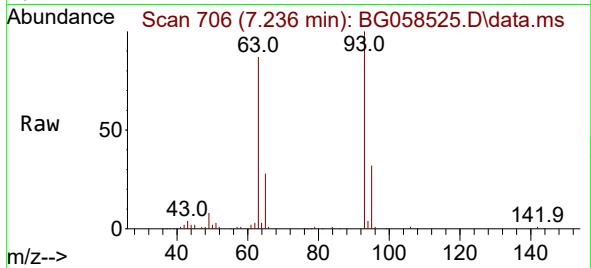




#11  
bis(2-Chloroethyl)ether  
Concen: 48.110 ng  
RT: 7.236 min Scan# 706  
Delta R.T. 0.000 min  
Lab File: BG058525.D  
Acq: 28 Jul 2023 19:41

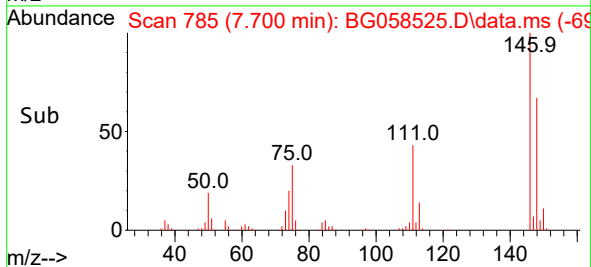
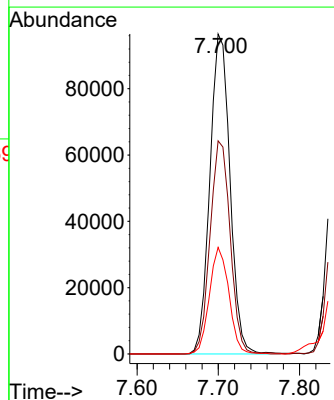
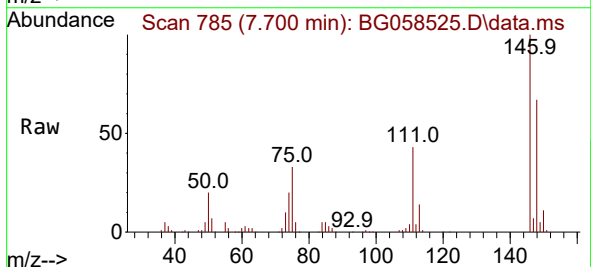
Instrument :  
BNA\_G  
ClientSampleId :

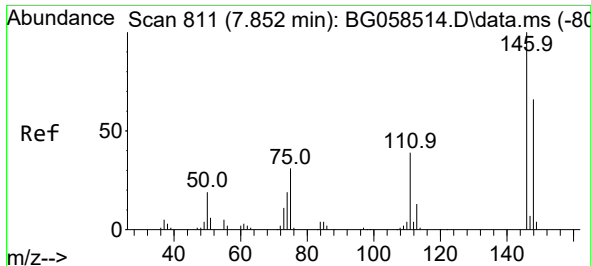
Tgt Ion: 93 Resp: 160988  
Ion Ratio Lower Upper  
93 100  
63 86.9 65.5 105.5  
95 32.1 11.2 51.2



#12  
1,3-Dichlorobenzene  
Concen: 50.672 ng  
RT: 7.700 min Scan# 785  
Delta R.T. -0.006 min  
Lab File: BG058525.D  
Acq: 28 Jul 2023 19:41

Tgt Ion:146 Resp: 165757  
Ion Ratio Lower Upper  
146 100  
148 66.6 54.7 82.1  
75 33.3 25.8 38.8





#13

1,4-Dichlorobenzene

Concen: 50.869 ng

RT: 7.847 min Scan# 811

Delta R.T. -0.006 min

Lab File: BG058525.D

Acq: 28 Jul 2023 19:41

Instrument :

BNA\_G

ClientSampleId :

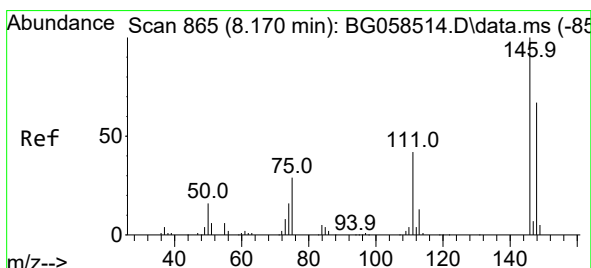
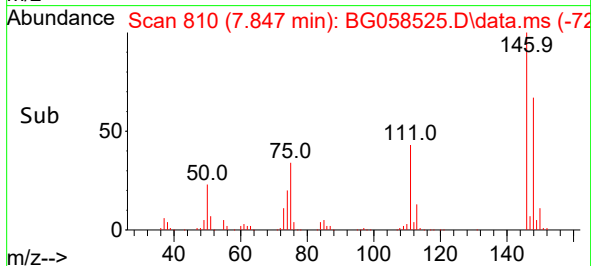
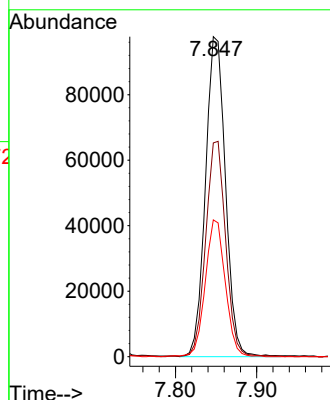
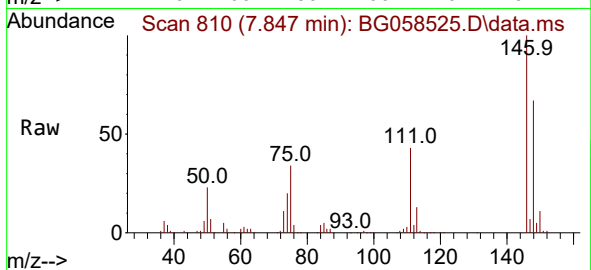
Tgt Ion:146 Resp: 167082

Ion Ratio Lower Upper

146 100

148 66.8 52.8 79.2

111 42.8 31.7 47.5



#14

1,2-Dichlorobenzene

Concen: 52.132 ng

RT: 8.164 min Scan# 864

Delta R.T. -0.006 min

Lab File: BG058525.D

Acq: 28 Jul 2023 19:41

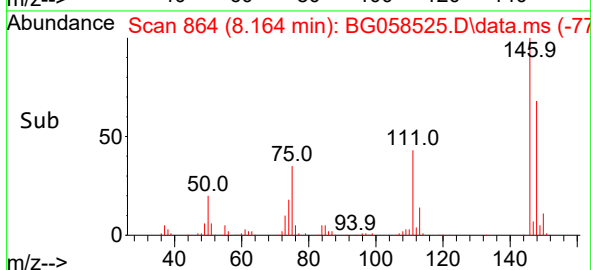
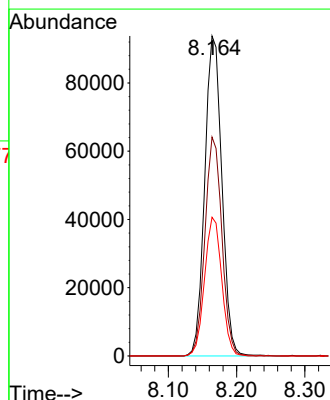
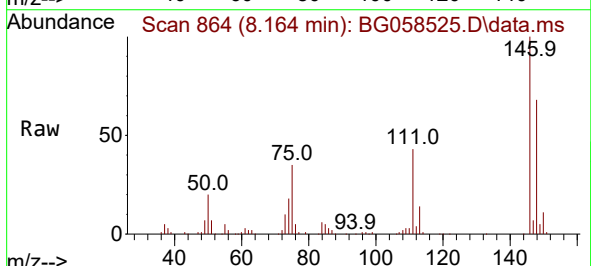
Tgt Ion:146 Resp: 163710

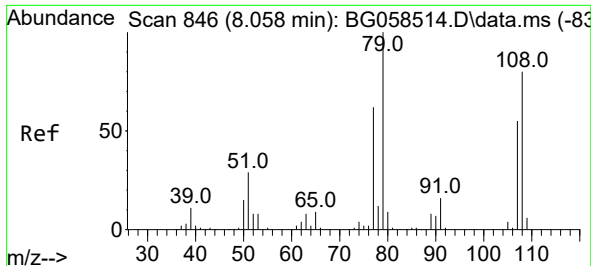
Ion Ratio Lower Upper

146 100

148 68.4 53.4 80.2

111 43.4 34.2 51.2

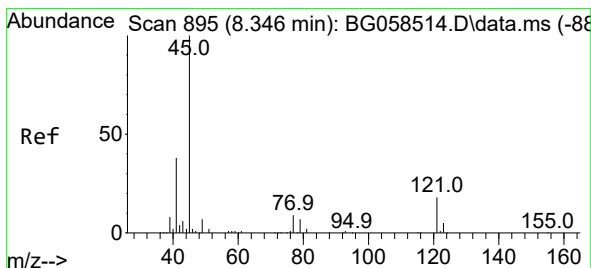
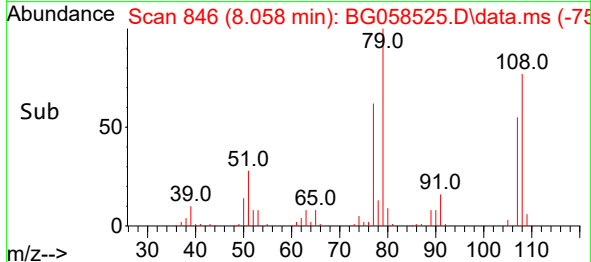
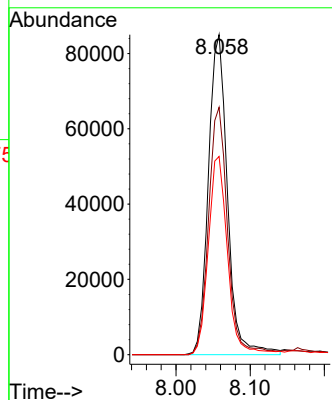
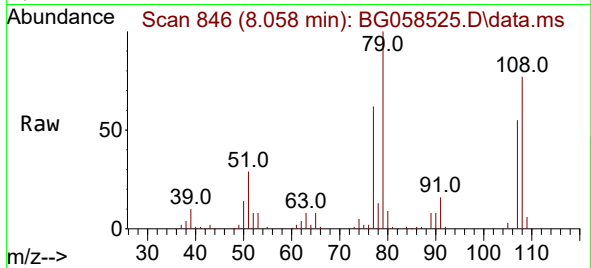




#15  
Benzyl Alcohol  
Concen: 55.226 ng  
RT: 8.058 min Scan# 846  
Delta R.T. 0.000 min  
Lab File: BG058525.D  
Acq: 28 Jul 2023 19:41

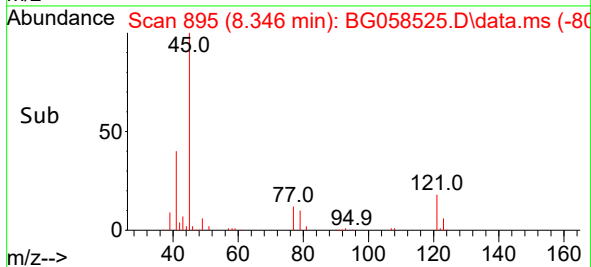
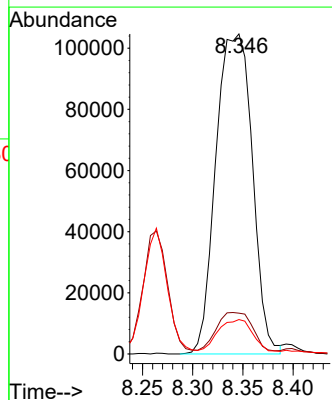
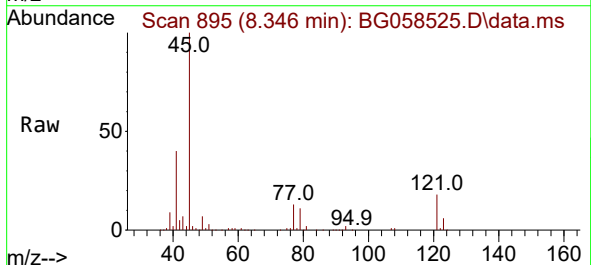
Instrument :  
BNA\_G  
ClientSampleId :

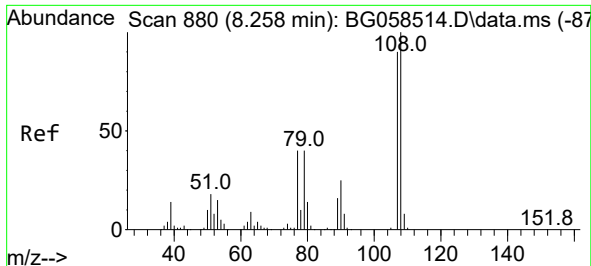
Tgt Ion: 79 Resp: 152181  
Ion Ratio Lower Upper  
79 100  
108 77.3 63.8 95.6  
77 62.0 49.8 74.6



#16  
2,2'-oxybis(1-Chloropropane)  
Concen: 48.566 ng  
RT: 8.346 min Scan# 895  
Delta R.T. 0.000 min  
Lab File: BG058525.D  
Acq: 28 Jul 2023 19:41

Tgt Ion: 45 Resp: 263986  
Ion Ratio Lower Upper  
45 100  
77 12.8 0.0 32.6  
79 10.7 0.0 30.2

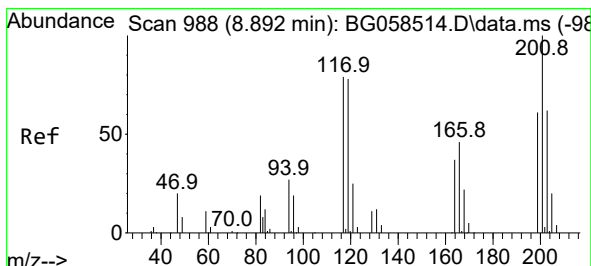
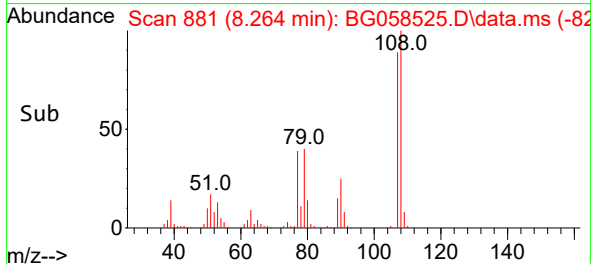
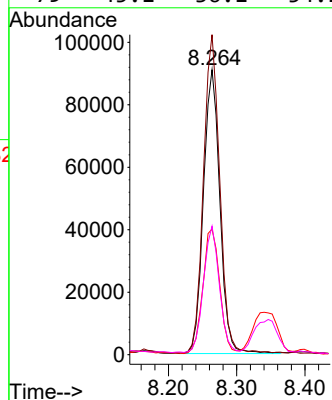
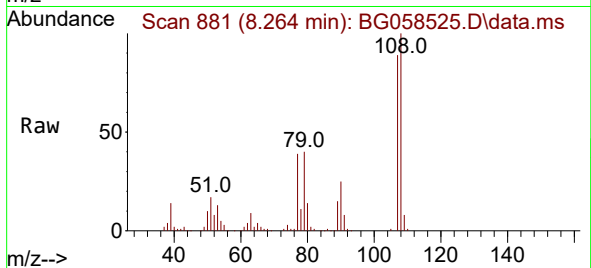




#17  
2-Methylphenol  
Concen: 49.216 ng  
RT: 8.264 min Scan# 81  
Delta R.T. 0.006 min  
Lab File: BG058525.D  
Acq: 28 Jul 2023 19:41

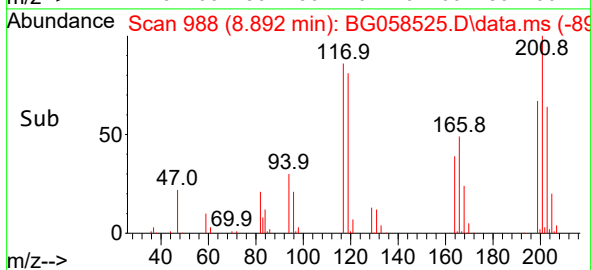
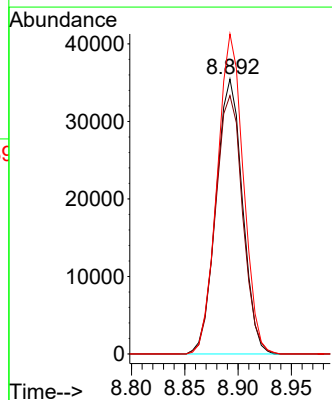
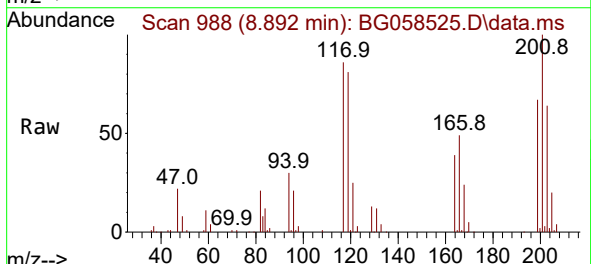
Instrument :  
BNA\_G  
ClientSampleId :

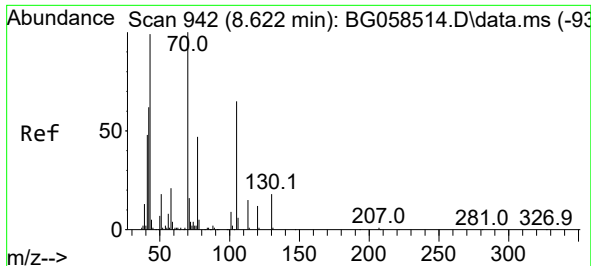
Tgt Ion:107 Resp: 152743  
Ion Ratio Lower Upper  
107 100  
108 112.3 89.1 133.7  
77 44.1 36.2 54.4  
79 45.1 36.1 54.1



#18  
Hexachloroethane  
Concen: 51.355 ng  
RT: 8.892 min Scan# 988  
Delta R.T. 0.000 min  
Lab File: BG058525.D  
Acq: 28 Jul 2023 19:41

Tgt Ion:117 Resp: 61310  
Ion Ratio Lower Upper  
117 100  
119 94.0 78.6 117.8  
201 116.4 101.4 152.0

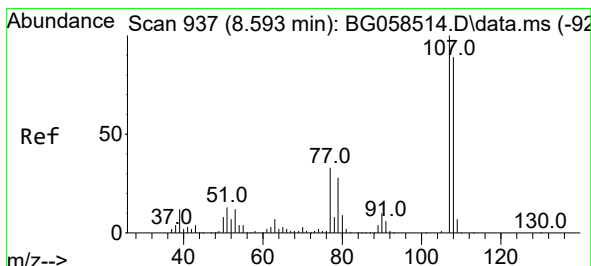
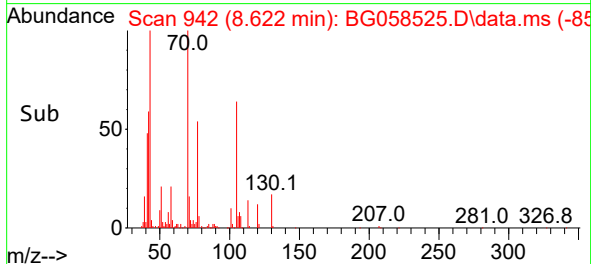
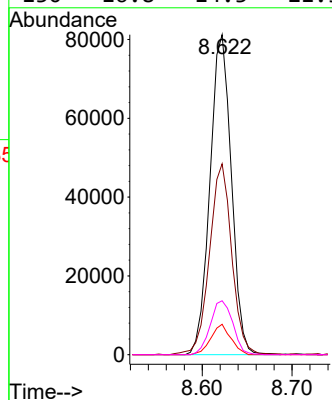
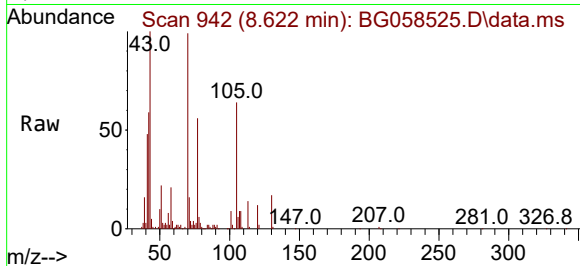




#19  
n-Nitroso-di-n-propylamine  
Concen: 47.853 ng  
RT: 8.622 min Scan# 942  
Delta R.T. 0.000 min  
Lab File: BG058525.D  
Acq: 28 Jul 2023 19:41

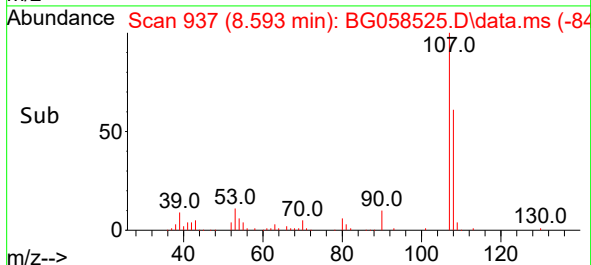
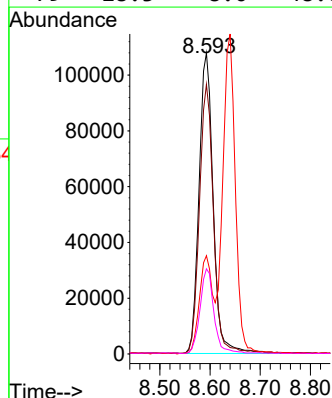
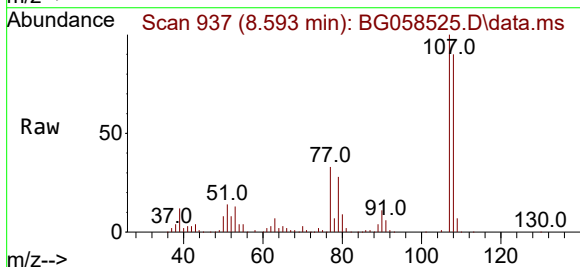
Instrument :  
BNA\_G  
ClientSampleId :

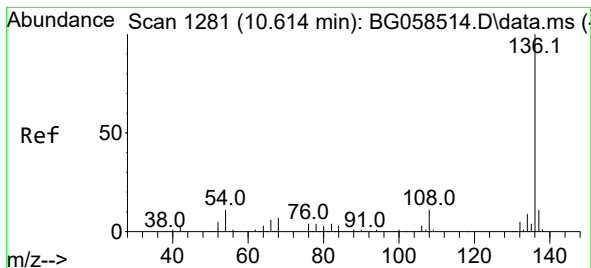
Tgt Ion: 70 Resp: 134307  
Ion Ratio Lower Upper  
70 100  
42 59.7 49.7 74.5  
101 9.5 7.0 10.4  
130 16.8 14.3 21.5



#20  
3+4-Methylphenols  
Concen: 50.295 ng  
RT: 8.593 min Scan# 937  
Delta R.T. 0.000 min  
Lab File: BG058525.D  
Acq: 28 Jul 2023 19:41

Tgt Ion: 107 Resp: 211138  
Ion Ratio Lower Upper  
107 100  
108 89.6 69.4 109.4  
77 32.6 13.0 53.0  
79 28.3 8.0 48.0

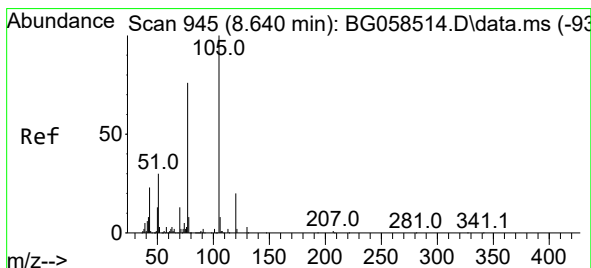
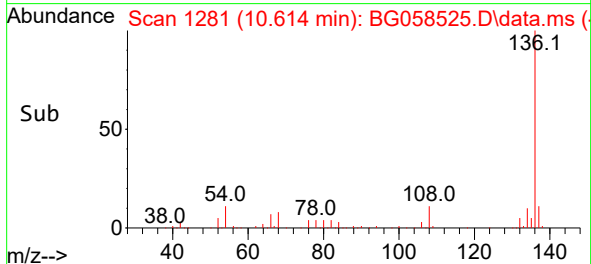
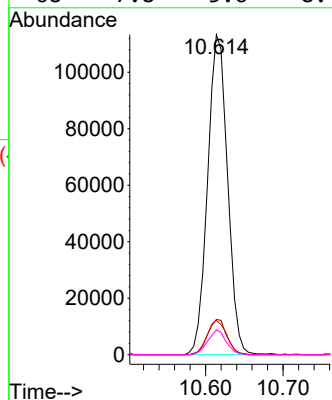
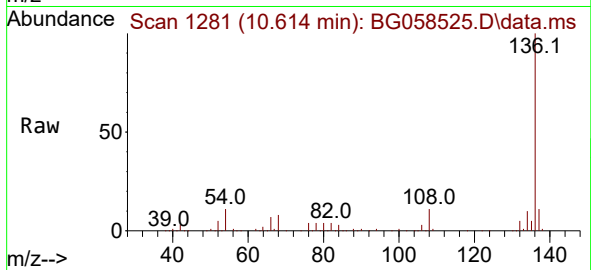




#21  
Naphthalene-d8  
Concen: 20.000 ng  
RT: 10.614 min Scan# 1281  
Delta R.T. 0.000 min  
Lab File: BG058525.D  
Acq: 28 Jul 2023 19:41

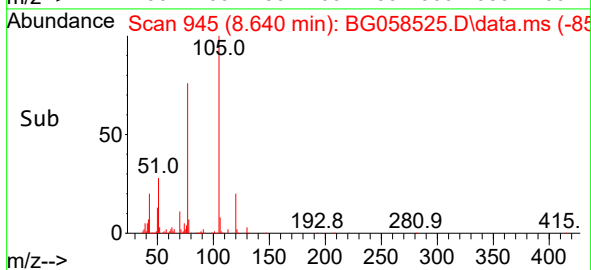
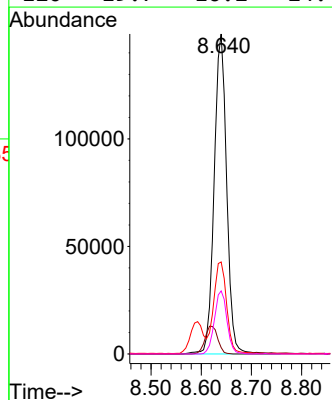
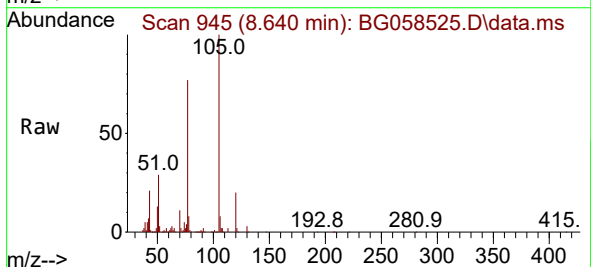
Instrument :  
BNA\_G  
ClientSampleId :

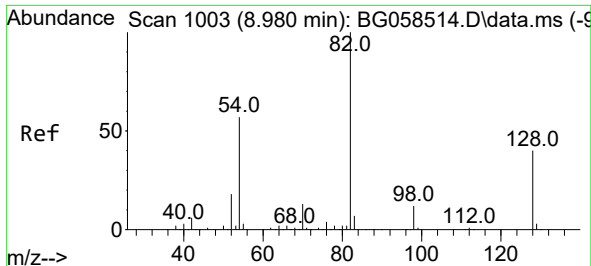
Tgt Ion:136 Resp: 202287  
Ion Ratio Lower Upper  
136 100  
137 11.0 8.6 13.0  
54 10.7 8.9 13.3  
68 7.8 5.6 8.4



#22  
Acetophenone  
Concen: 47.525 ng  
RT: 8.640 min Scan# 945  
Delta R.T. 0.000 min  
Lab File: BG058525.D  
Acq: 28 Jul 2023 19:41

Tgt Ion:105 Resp: 257417  
Ion Ratio Lower Upper  
105 100  
71 2.0 1.8 2.6  
51 28.8 24.2 36.2  
120 19.7 16.2 24.4

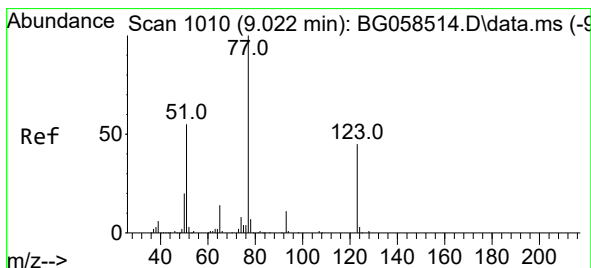
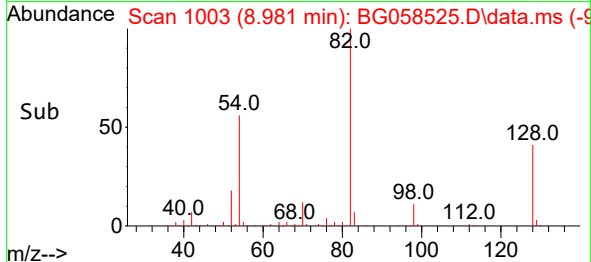
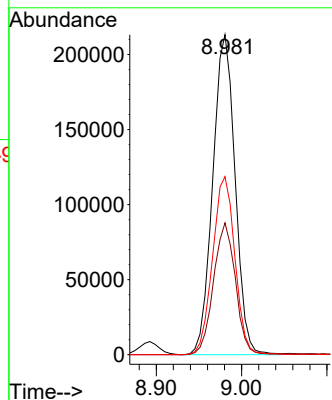
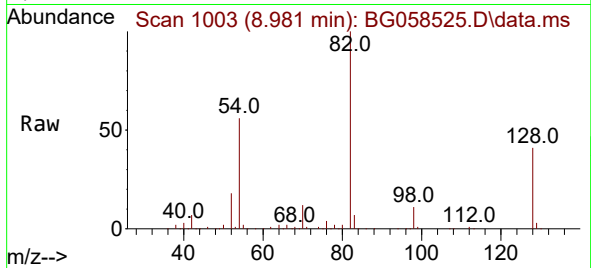




#23  
Nitrobenzene-d5  
Concen: 94.267 ng  
RT: 8.981 min Scan# 1003  
Delta R.T. 0.000 min  
Lab File: BG058525.D  
Acq: 28 Jul 2023 19:41

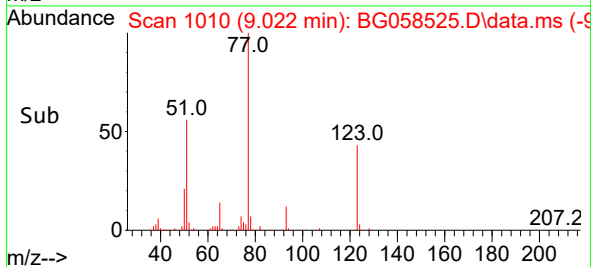
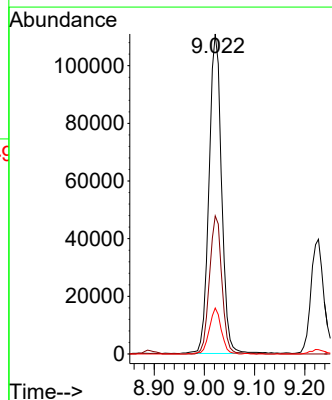
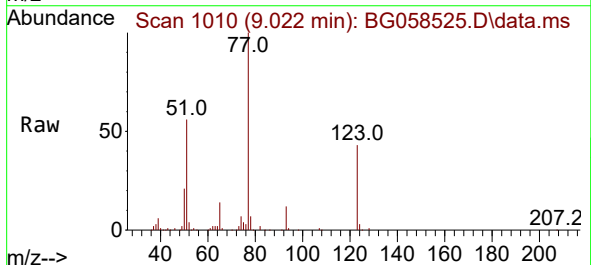
Instrument :  
BNA\_G  
ClientSampleId :

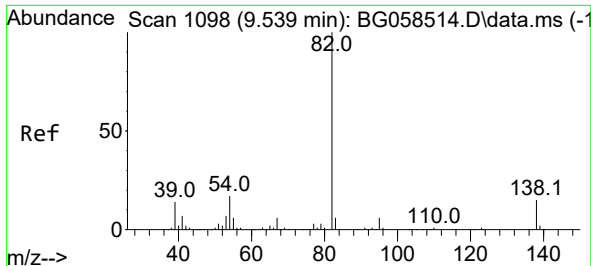
Tgt Ion: 82 Resp: 388169  
Ion Ratio Lower Upper  
82 100  
128 41.2 32.2 48.2  
54 55.7 46.0 69.0



#24  
Nitrobenzene  
Concen: 46.089 ng  
RT: 9.022 min Scan# 1010  
Delta R.T. 0.000 min  
Lab File: BG058525.D  
Acq: 28 Jul 2023 19:41

Tgt Ion: 77 Resp: 192941  
Ion Ratio Lower Upper  
77 100  
123 43.2 35.6 53.4  
65 14.3 11.4 17.0

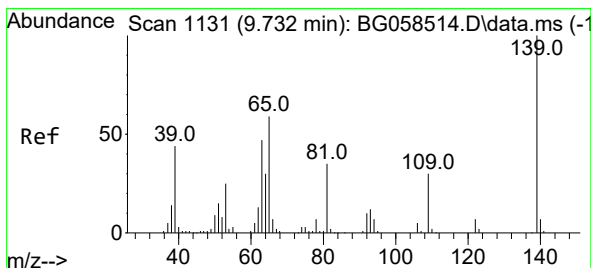
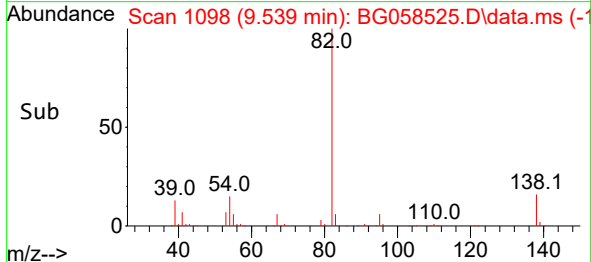
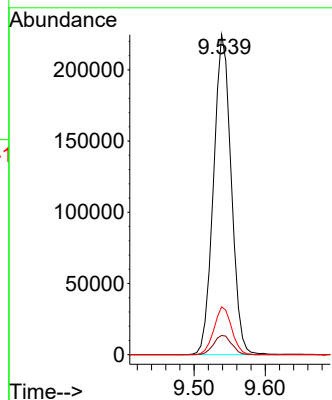
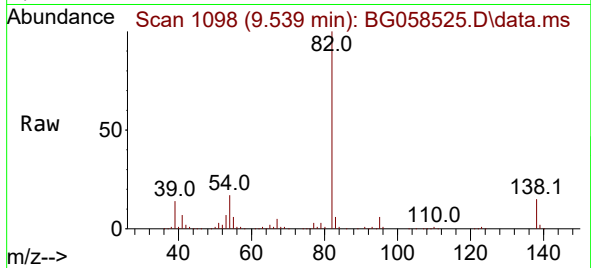




#25  
Isophorone  
Concen: 45.612 ng  
RT: 9.539 min Scan# 1098  
Delta R.T. 0.000 min  
Lab File: BG058525.D  
Acq: 28 Jul 2023 19:41

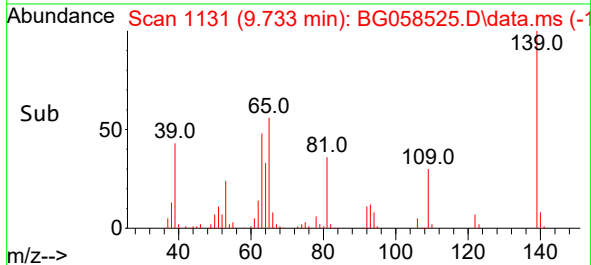
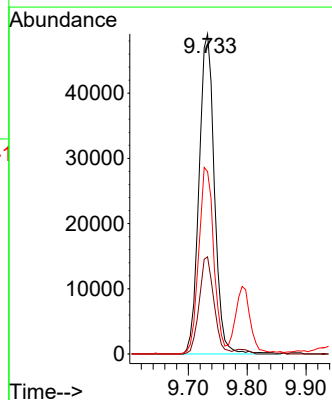
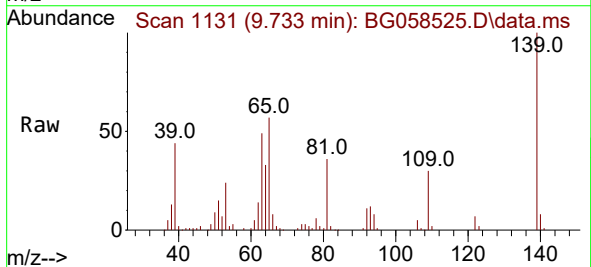
Instrument :  
BNA\_G  
ClientSampleId :

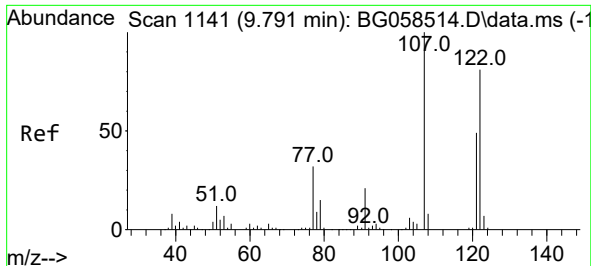
Tgt Ion: 82 Resp: 388074  
Ion Ratio Lower Upper  
82 100  
95 6.0 5.1 7.7  
138 14.9 11.9 17.9



#26  
2-Nitrophenol  
Concen: 48.863 ng  
RT: 9.733 min Scan# 1131  
Delta R.T. 0.000 min  
Lab File: BG058525.D  
Acq: 28 Jul 2023 19:41

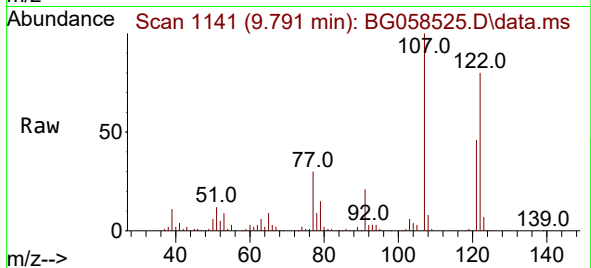
Tgt Ion:139 Resp: 89042  
Ion Ratio Lower Upper  
139 100  
109 30.4 24.2 36.2  
65 57.0 47.0 70.4



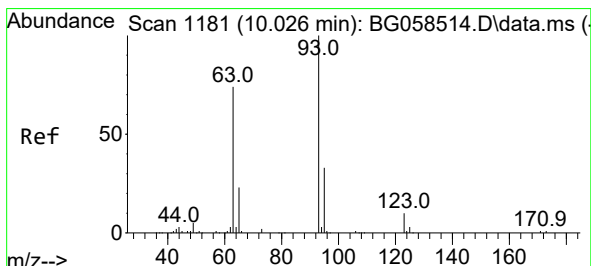
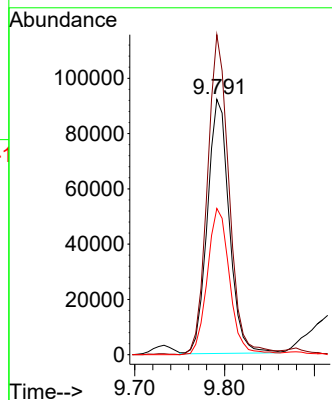
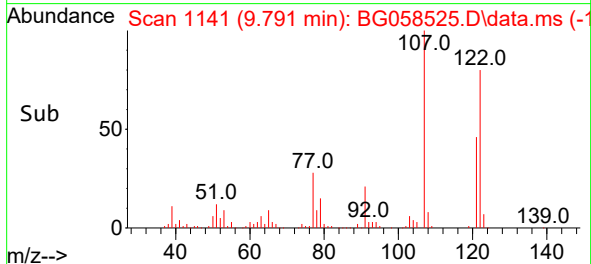


#27  
2,4-Dimethylphenol  
Concen: 51.393 ng  
RT: 9.791 min Scan# 1141  
Delta R.T. 0.000 min  
Lab File: BG058525.D  
Acq: 28 Jul 2023 19:41

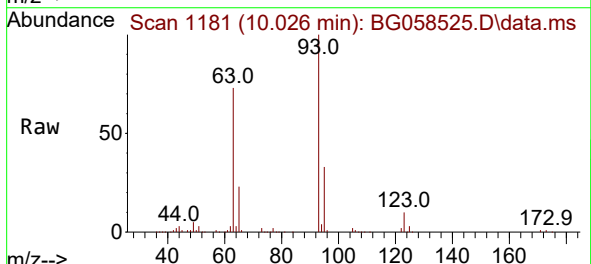
Instrument :  
BNA\_G  
ClientSampleId :



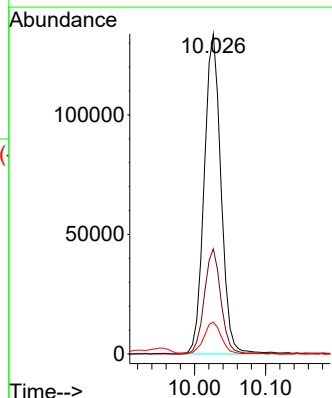
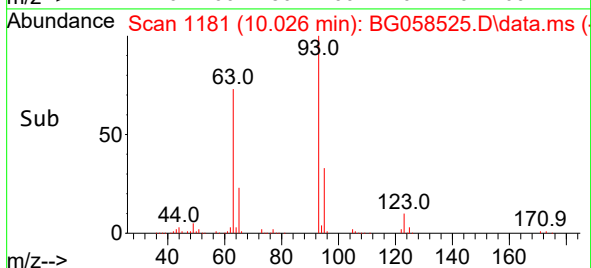
Tgt Ion:122 Resp: 155342  
Ion Ratio Lower Upper  
122 100  
107 125.3 98.0 147.0  
121 57.3 47.8 71.6

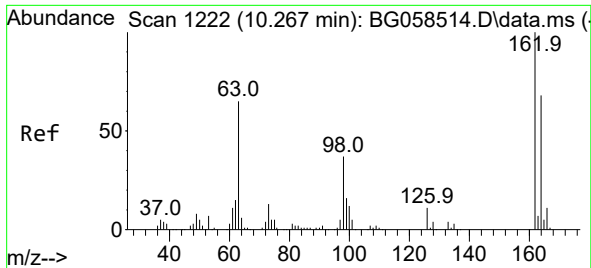


#28  
bis(2-Chloroethoxy)methane  
Concen: 47.582 ng  
RT: 10.026 min Scan# 1181  
Delta R.T. 0.000 min  
Lab File: BG058525.D  
Acq: 28 Jul 2023 19:41



Tgt Ion: 93 Resp: 220312  
Ion Ratio Lower Upper  
93 100  
95 32.9 26.0 39.0  
123 10.0 7.8 11.8

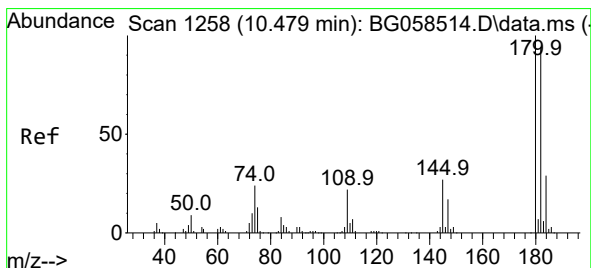
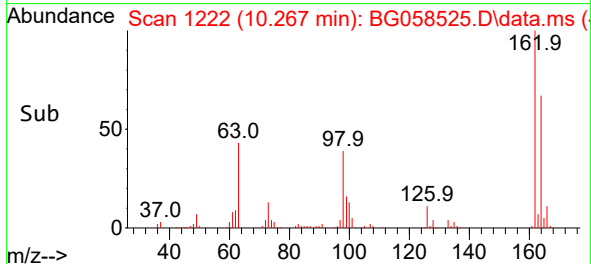
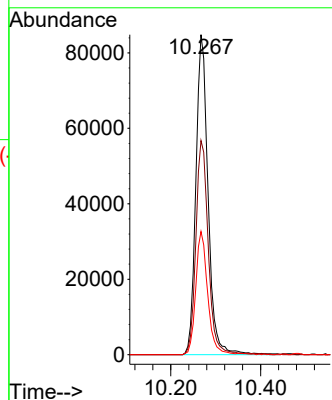
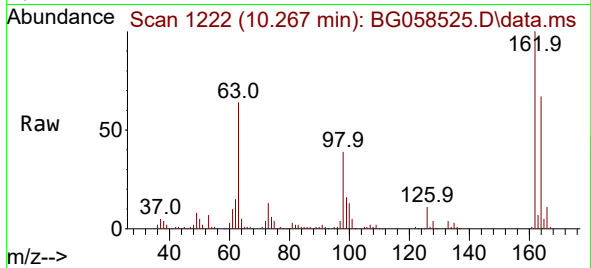




#29  
2,4-Dichlorophenol  
Concen: 51.002 ng  
RT: 10.267 min Scan# 1222  
Delta R.T. 0.000 min  
Lab File: BG058525.D  
Acq: 28 Jul 2023 19:41

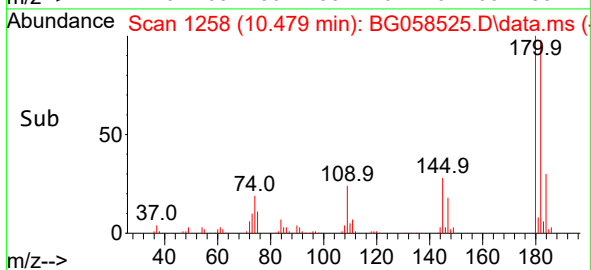
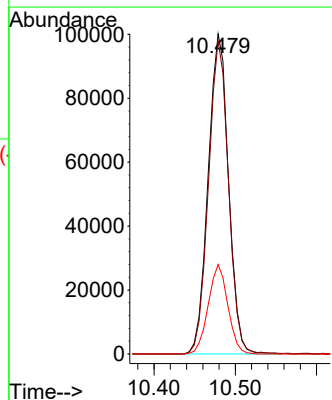
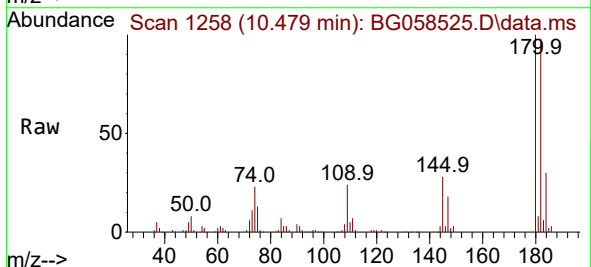
Instrument :  
BNA\_G  
ClientSampleId :

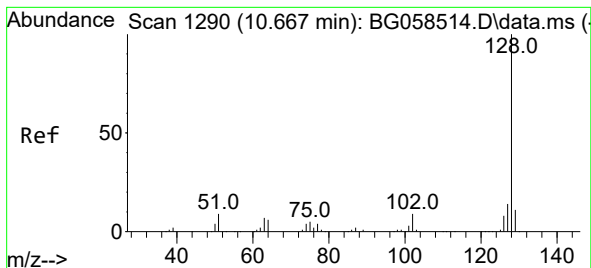
Tgt Ion:162 Resp: 160066  
Ion Ratio Lower Upper  
162 100  
164 66.9 47.6 87.6  
98 38.5 17.1 57.1



#30  
1,2,4-Trichlorobenzene  
Concen: 48.021 ng  
RT: 10.479 min Scan# 1258  
Delta R.T. 0.000 min  
Lab File: BG058525.D  
Acq: 28 Jul 2023 19:41

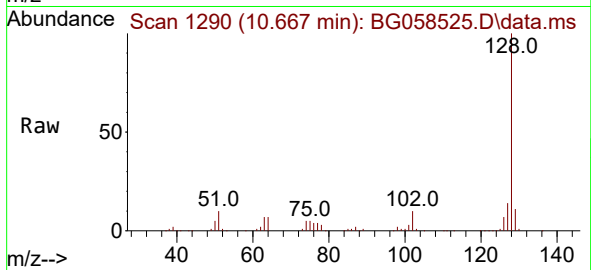
Tgt Ion:180 Resp: 173805  
Ion Ratio Lower Upper  
180 100  
182 97.9 75.0 112.4  
145 27.9 21.9 32.9



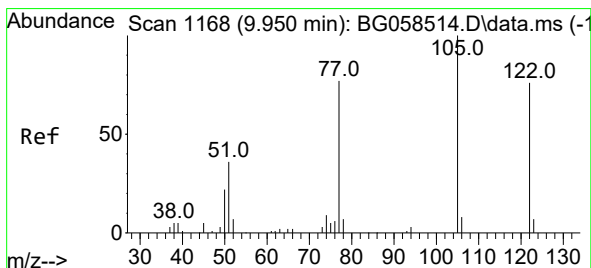
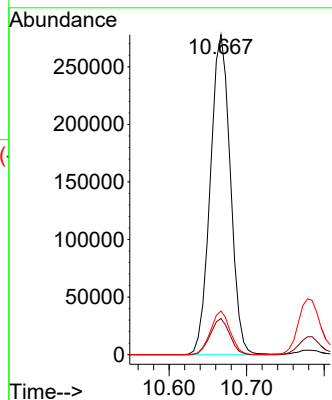
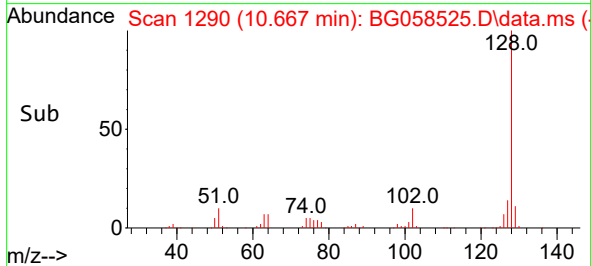


#31  
Naphthalene  
Concen: 46.764 ng  
RT: 10.667 min Scan# 1169  
Delta R.T. 0.000 min  
Lab File: BG058525.D  
Acq: 28 Jul 2023 19:41

Instrument :  
BNA\_G  
ClientSampleId :

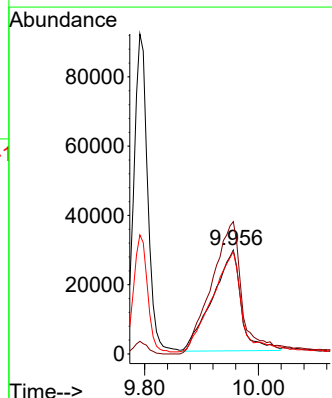
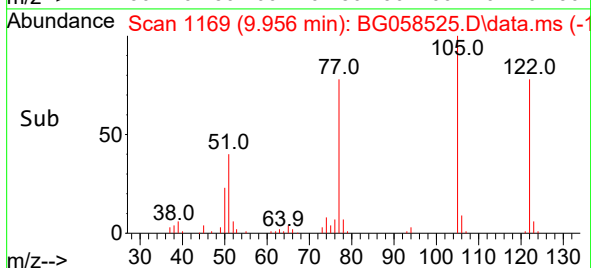
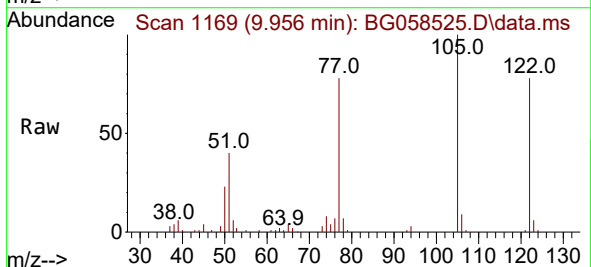


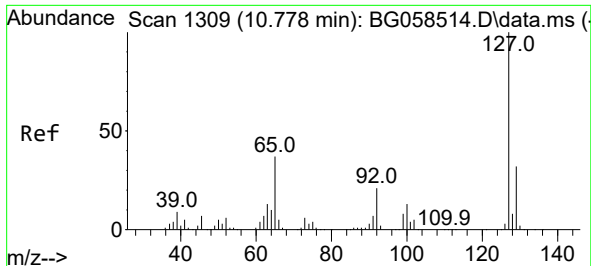
Tgt Ion:128 Resp: 498580  
Ion Ratio Lower Upper  
128 100  
129 11.3 8.8 13.2  
127 13.6 10.9 16.3



#32  
Benzoic acid  
Concen: 44.831 ng  
RT: 9.956 min Scan# 1169  
Delta R.T. 0.006 min  
Lab File: BG058525.D  
Acq: 28 Jul 2023 19:41

Tgt Ion:122 Resp: 102681  
Ion Ratio Lower Upper  
122 100  
105 127.5 106.5 146.5  
77 98.8 78.1 118.1

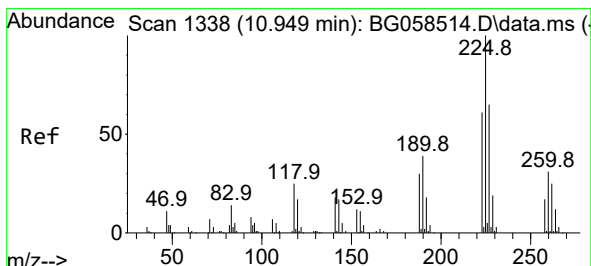
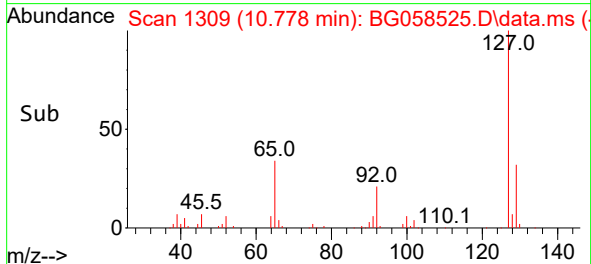
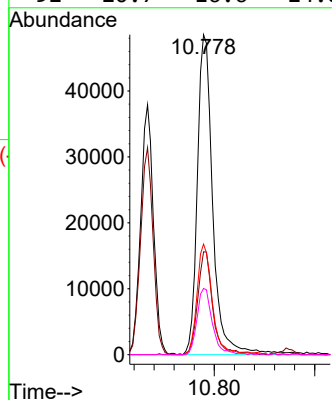
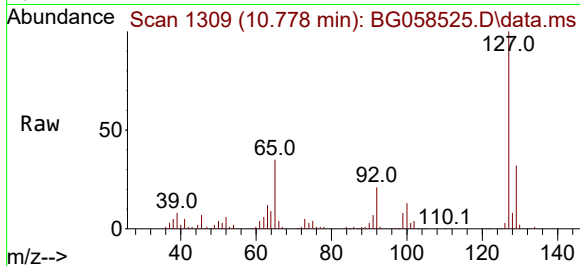




#33  
4-Chloroaniline  
Concen: 22.982 ng  
RT: 10.778 min Scan# 11  
Delta R.T. 0.000 min  
Lab File: BG058525.D  
Acq: 28 Jul 2023 19:41

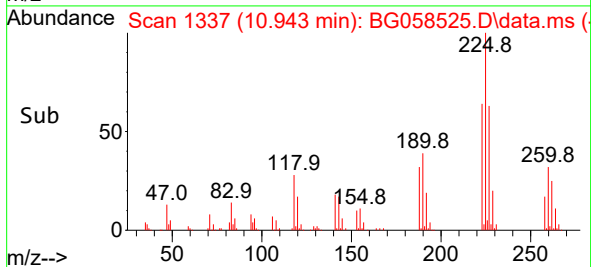
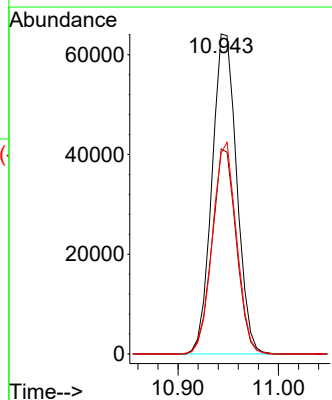
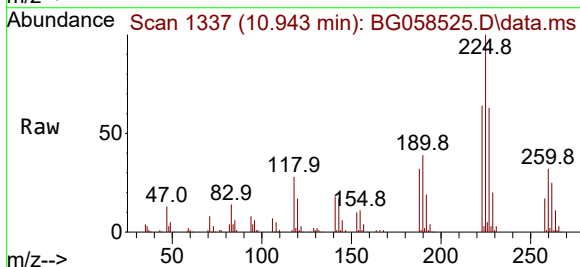
Instrument :  
BNA\_G  
ClientSampleId :

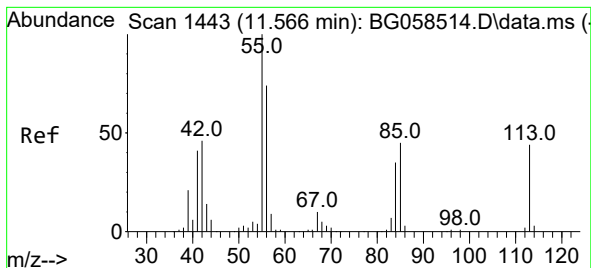
|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 127   | Resp: | 103527 |
| Ion      | Ratio | Lower | Upper  |
| 127      | 100   |       |        |
| 129      | 32.1  | 25.4  | 38.2   |
| 65       | 34.6  | 29.5  | 44.3   |
| 92       | 20.7  | 16.6  | 24.8   |



#34  
Hexachlorobutadiene  
Concen: 47.006 ng  
RT: 10.943 min Scan# 1337  
Delta R.T. -0.006 min  
Lab File: BG058525.D  
Acq: 28 Jul 2023 19:41

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 225   | Resp: | 109563 |
| Ion      | Ratio | Lower | Upper  |
| 225      | 100   |       |        |
| 223      | 64.0  | 49.0  | 73.6   |
| 227      | 62.8  | 51.7  | 77.5   |

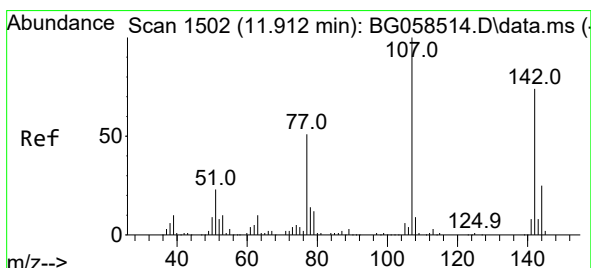
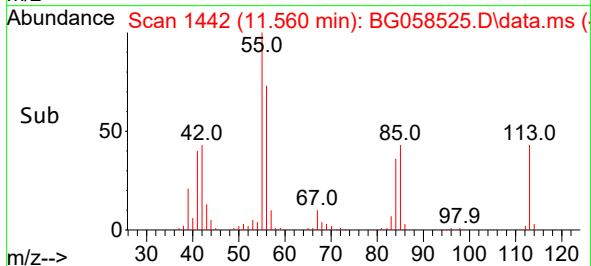
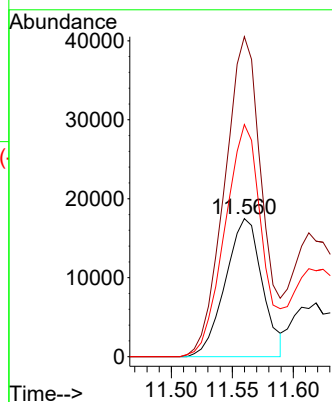
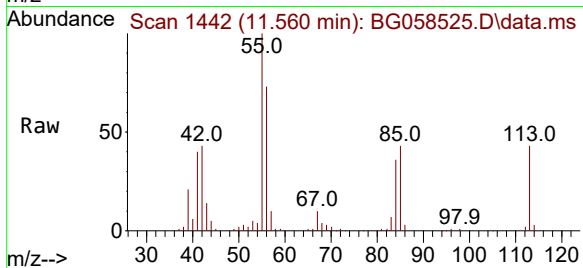




#35  
Caprolactam  
Concen: 31.726 ng  
RT: 11.560 min Scan# 14  
Delta R.T. -0.006 min  
Lab File: BG058525.D  
Acq: 28 Jul 2023 19:41

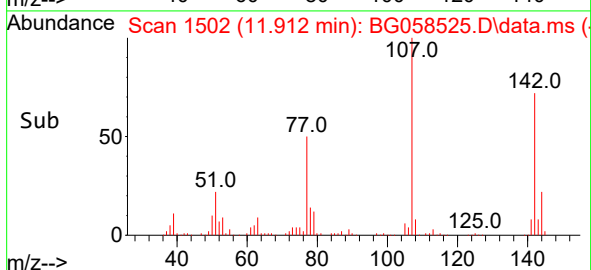
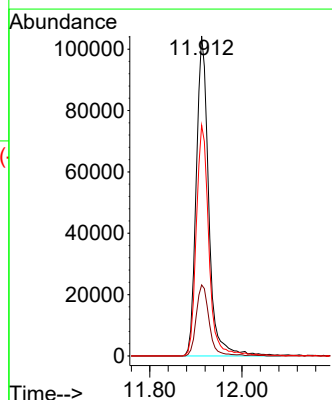
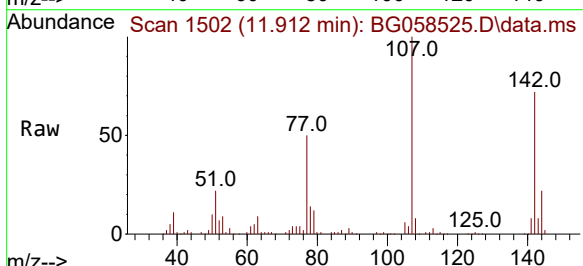
Instrument :  
BNA\_G  
ClientSampleId :

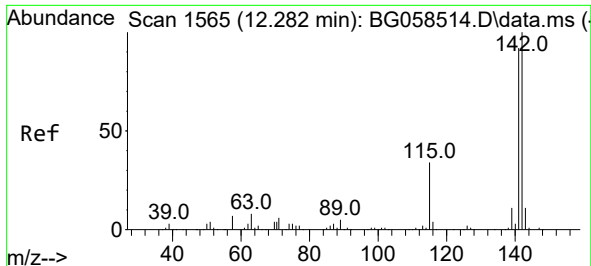
Tgt Ion:113 Resp: 36769  
Ion Ratio Lower Upper  
113 100  
55 231.7 208.0 248.0  
56 168.1 148.6 188.6



#36  
4-Chloro-3-methylphenol  
Concen: 50.375 ng  
RT: 11.912 min Scan# 1502  
Delta R.T. 0.000 min  
Lab File: BG058525.D  
Acq: 28 Jul 2023 19:41

Tgt Ion:107 Resp: 195570  
Ion Ratio Lower Upper  
107 100  
144 22.2 19.6 29.4  
142 72.1 59.3 88.9





#37

2-Methylnaphthalene

Concen: 45.472 ng

RT: 12.283 min Scan# 1

Delta R.T. 0.000 min

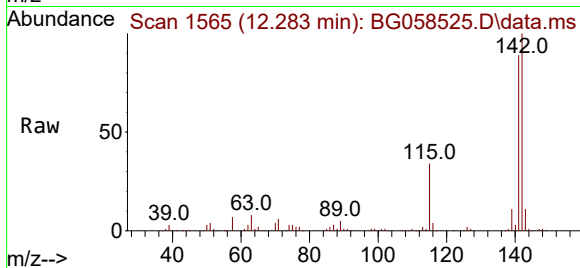
Lab File: BG058525.D

Acq: 28 Jul 2023 19:41

Instrument :

BNA\_G

ClientSampleId :



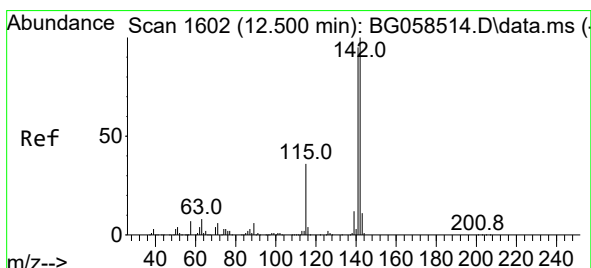
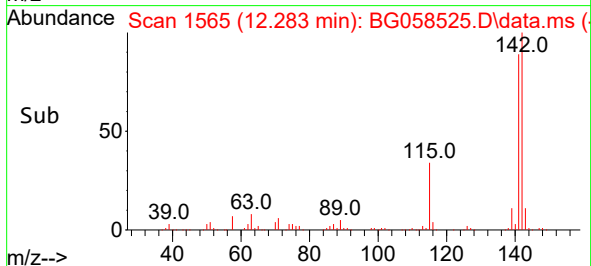
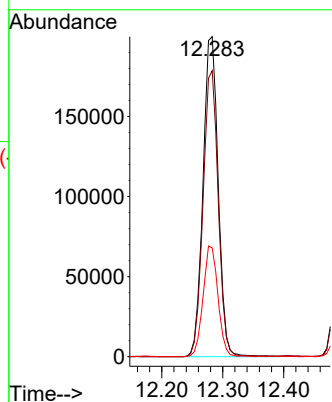
Tgt Ion:142 Resp: 346791

Ion Ratio Lower Upper

142 100

141 89.3 73.5 110.3

115 34.0 27.4 41.0



#38

1-Methylnaphthalene

Concen: 45.163 ng

RT: 12.500 min Scan# 1602

Delta R.T. 0.000 min

Lab File: BG058525.D

Acq: 28 Jul 2023 19:41

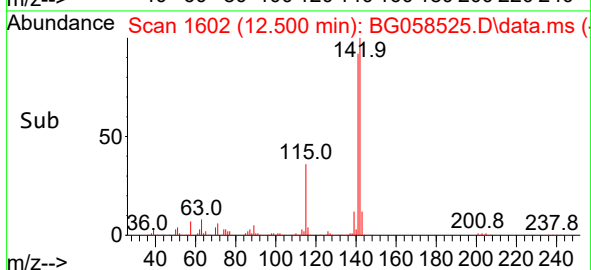
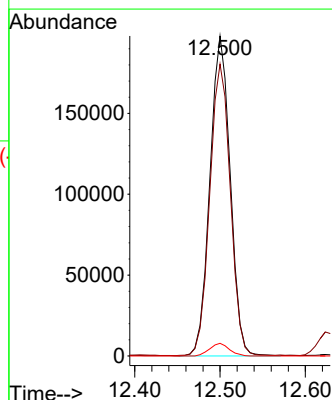
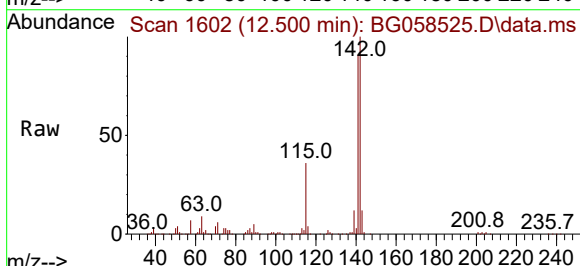
Tgt Ion:142 Resp: 327415

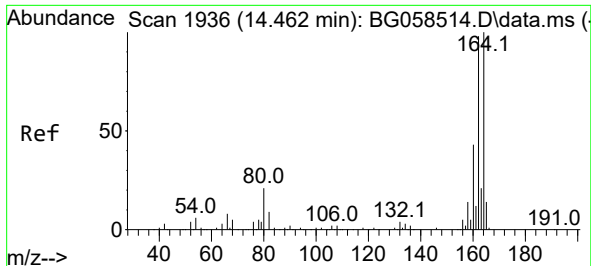
Ion Ratio Lower Upper

142 100

141 91.2 75.7 113.5

116 4.0 3.2 4.8

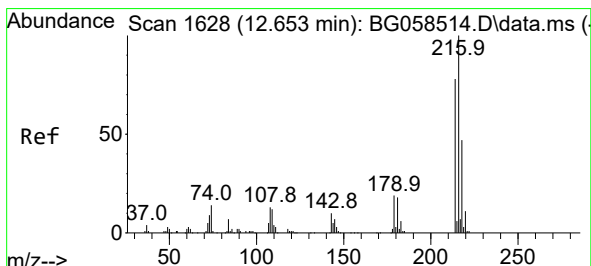
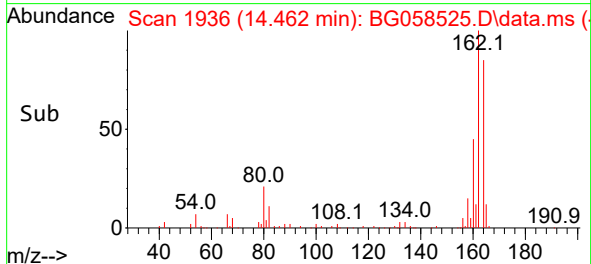
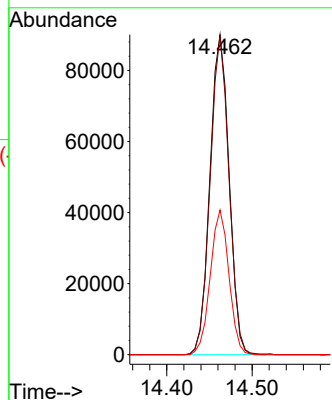
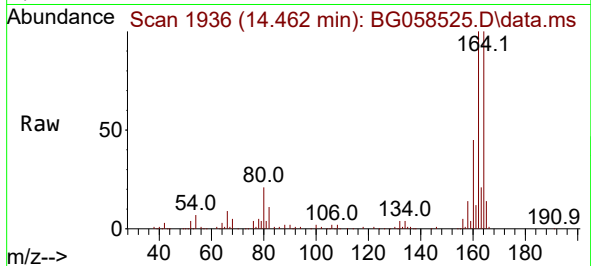




#39  
Acenaphthene-d10  
Concen: 20.000 ng  
RT: 14.462 min Scan# 1936  
Delta R.T. 0.000 min  
Lab File: BG058525.D  
Acq: 28 Jul 2023 19:41

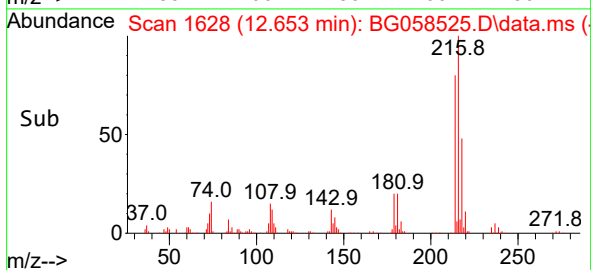
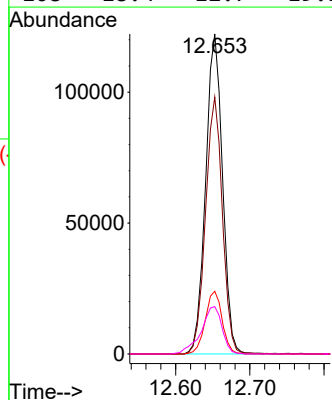
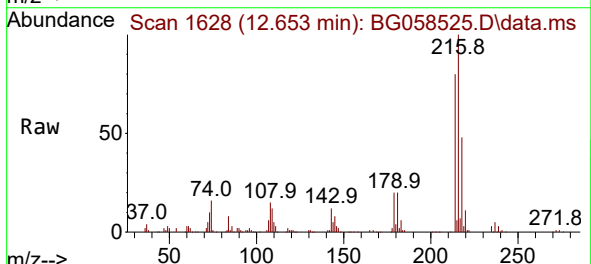
Instrument :  
BNA\_G  
ClientSampleId :

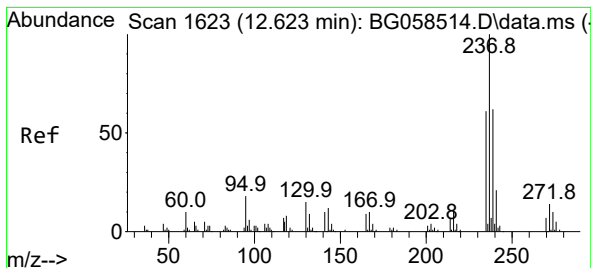
Tgt Ion:164 Resp: 140411  
Ion Ratio Lower Upper  
164 100  
162 99.9 78.3 117.5  
160 45.2 34.1 51.1



#40  
1,2,4,5-Tetrachlorobenzene  
Concen: 44.980 ng  
RT: 12.653 min Scan# 1628  
Delta R.T. 0.000 min  
Lab File: BG058525.D  
Acq: 28 Jul 2023 19:41

Tgt Ion:216 Resp: 193899  
Ion Ratio Lower Upper  
216 100  
214 80.0 63.1 94.7  
179 19.6 15.6 23.4  
108 18.4 12.7 19.1





#41

Hexachlorocyclopentadiene

Concen: 110.254 ng

RT: 12.629 min Scan# 1

Delta R.T. 0.006 min

Lab File: BG058525.D

Acq: 28 Jul 2023 19:41

Instrument :

BNA\_G

ClientSampleId :

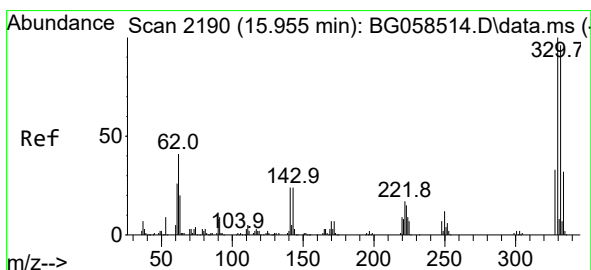
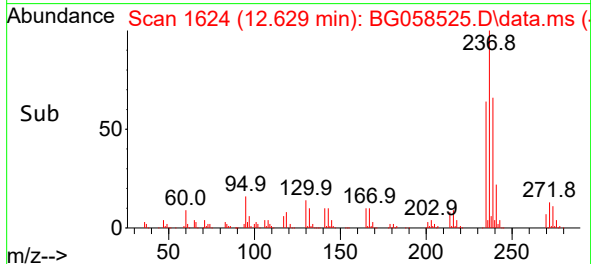
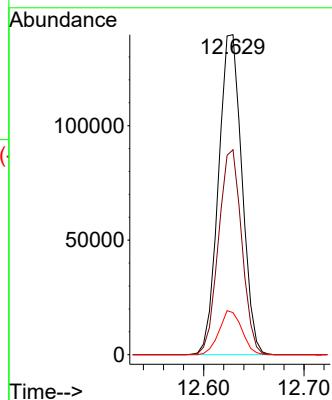
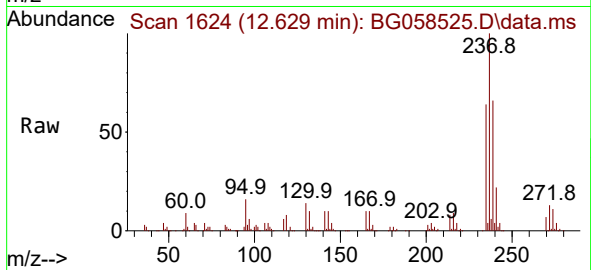
Tgt Ion:237 Resp: 226392

Ion Ratio Lower Upper

237 100

235 64.0 41.0 81.0

272 13.2 0.0 33.6



#42

2,4,6-Tribromophenol

Concen: 140.918 ng

RT: 15.955 min Scan# 2190

Delta R.T. 0.000 min

Lab File: BG058525.D

Acq: 28 Jul 2023 19:41

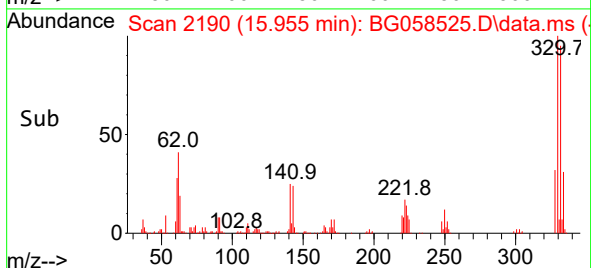
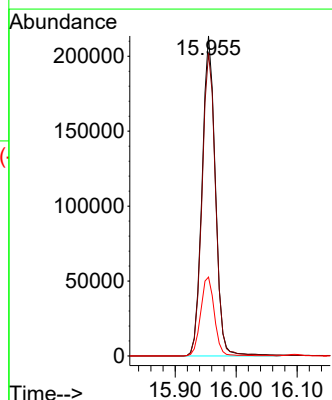
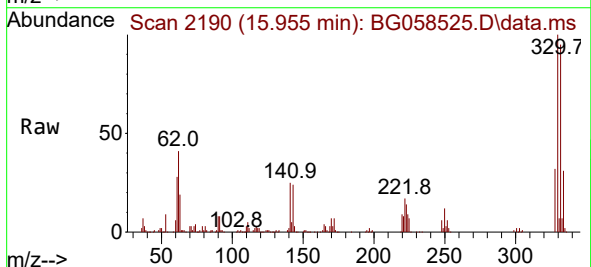
Tgt Ion:330 Resp: 324314

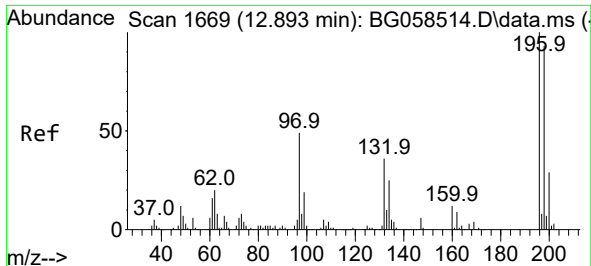
Ion Ratio Lower Upper

330 100

332 96.3 77.5 116.3

141 25.5 20.7 31.1

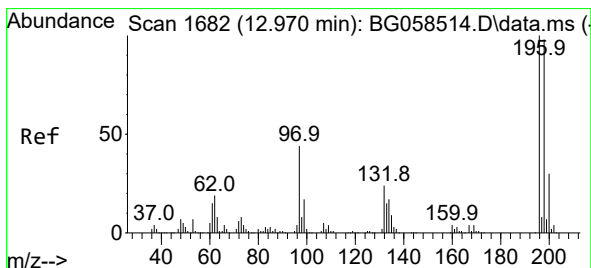
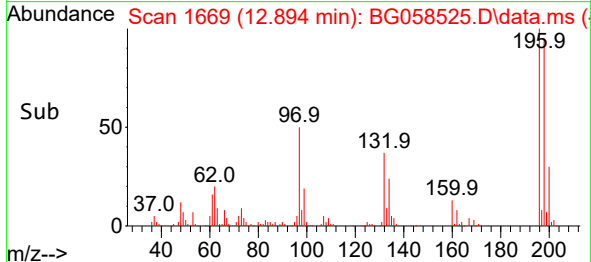
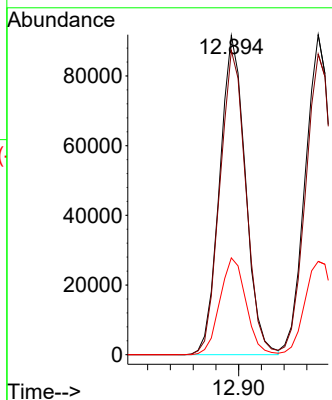
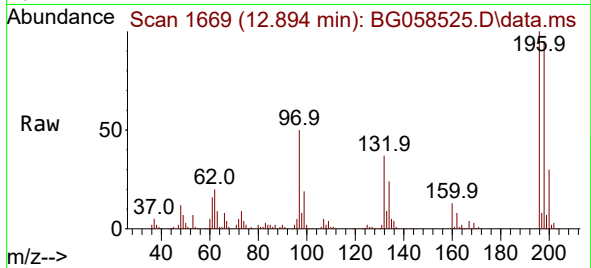




#43  
 2,4,6-Trichlorophenol  
 Concen: 48.730 ng  
 RT: 12.894 min Scan# 1669  
 Delta R.T. 0.000 min  
 Lab File: BG058525.D  
 Acq: 28 Jul 2023 19:41

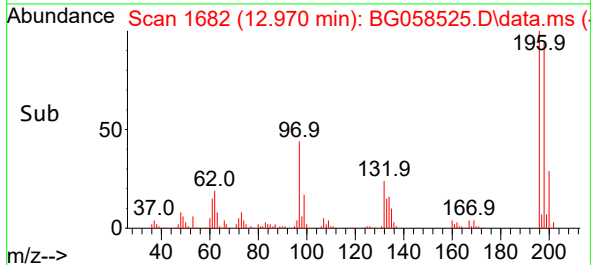
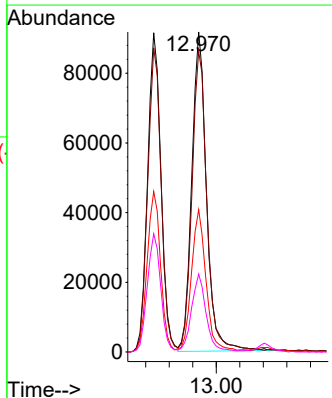
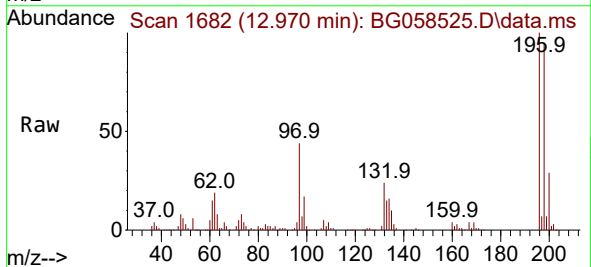
Instrument :  
 BNA\_G  
 ClientSampleId :

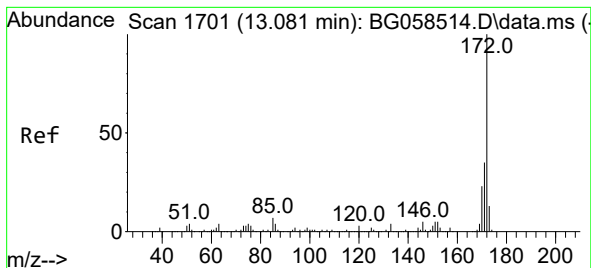
Tgt Ion:196 Resp: 144483  
 Ion Ratio Lower Upper  
 196 100  
 198 95.3 74.2 111.4  
 200 30.3 22.9 34.3



#44  
 2,4,5-Trichlorophenol  
 Concen: 45.584 ng  
 RT: 12.970 min Scan# 1682  
 Delta R.T. 0.000 min  
 Lab File: BG058525.D  
 Acq: 28 Jul 2023 19:41

Tgt Ion:196 Resp: 159194  
 Ion Ratio Lower Upper  
 196 100  
 198 94.0 78.3 117.5  
 97 44.5 35.2 52.8  
 132 24.4 19.4 29.0

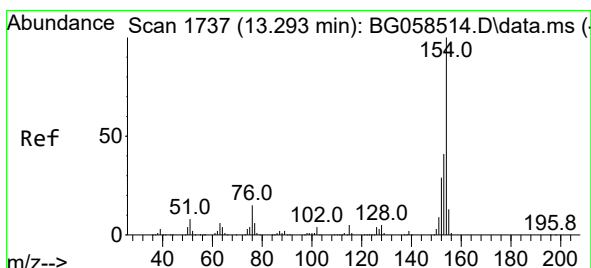
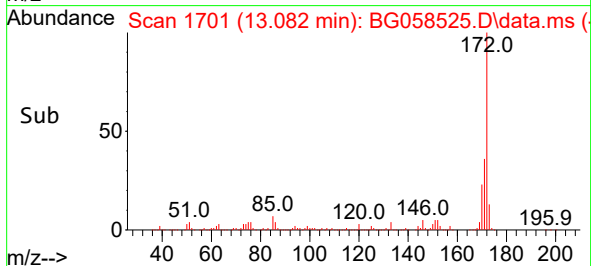
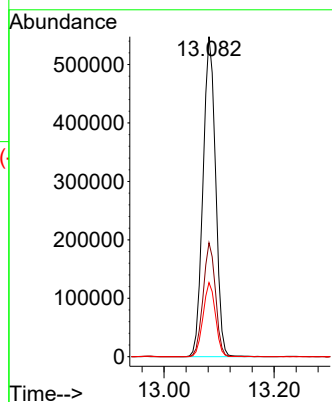
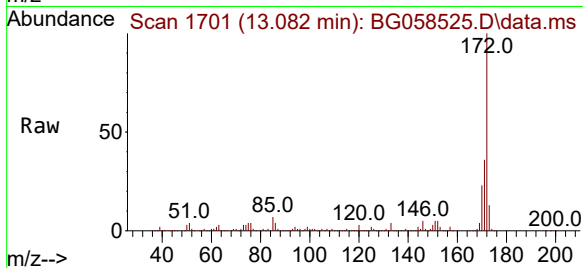




#45  
2-Fluorobiphenyl  
Concen: 92.438 ng  
RT: 13.082 min Scan# 1701  
Delta R.T. 0.000 min  
Lab File: BG058525.D  
Acq: 28 Jul 2023 19:41

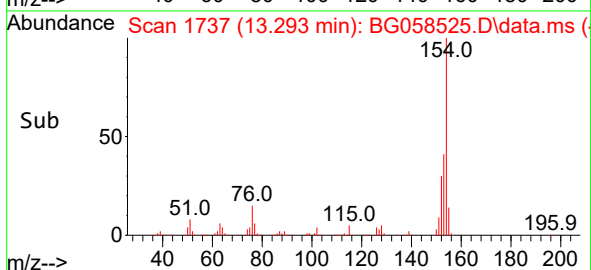
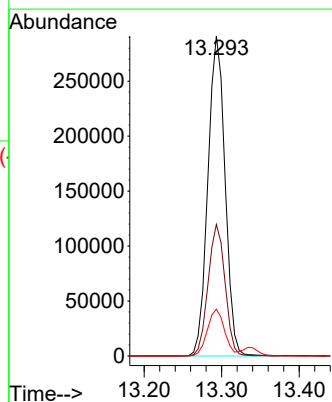
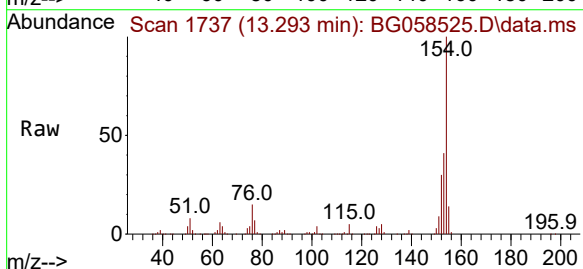
Instrument :  
BNA\_G  
ClientSampleId :

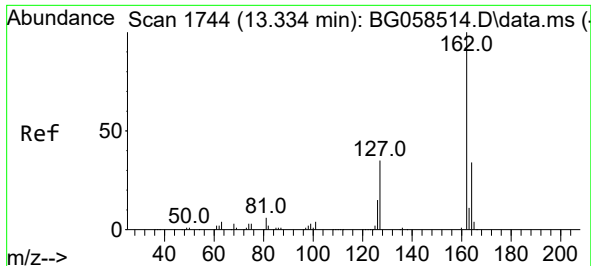
Tgt Ion:172 Resp: 866101  
Ion Ratio Lower Upper  
172 100  
171 35.6 28.0 42.0  
170 23.1 18.4 27.6



#46  
1,1'-Biphenyl  
Concen: 46.401 ng  
RT: 13.293 min Scan# 1737  
Delta R.T. 0.000 min  
Lab File: BG058525.D  
Acq: 28 Jul 2023 19:41

Tgt Ion:154 Resp: 447438  
Ion Ratio Lower Upper  
154 100  
153 41.1 21.2 61.2  
76 14.6 0.0 34.7

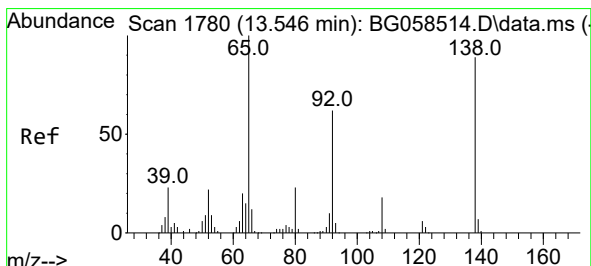
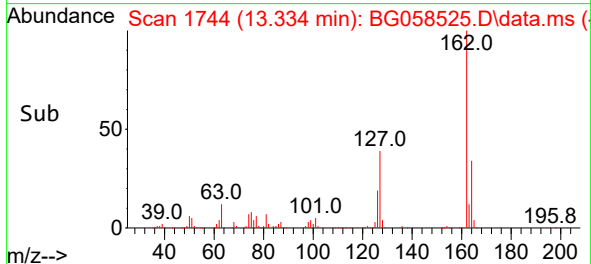
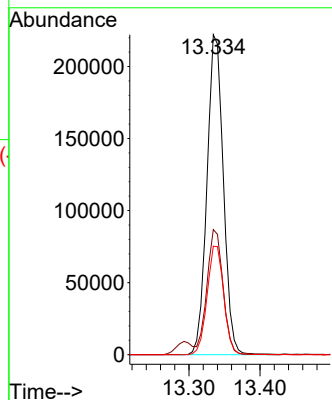
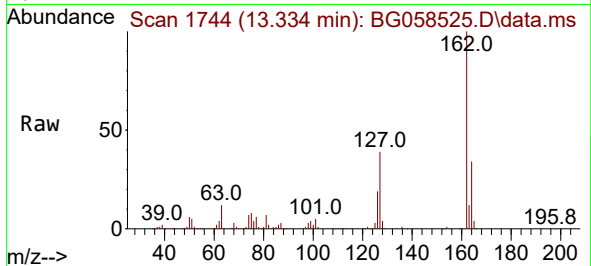




#47  
2-Chloronaphthalene  
Concen: 47.415 ng  
RT: 13.334 min Scan# 1744  
Delta R.T. 0.000 min  
Lab File: BG058525.D  
Acq: 28 Jul 2023 19:41

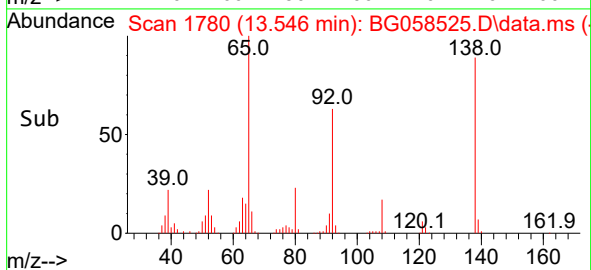
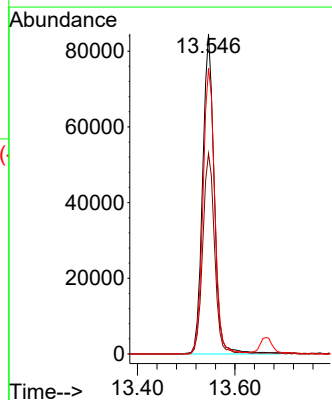
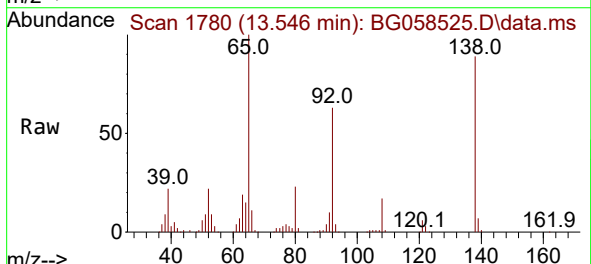
Instrument :  
BNA\_G  
ClientSampleId :

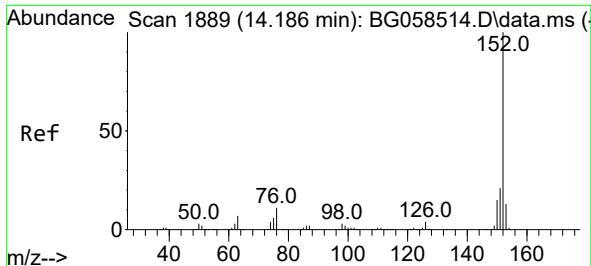
Tgt Ion:162 Resp: 356493  
Ion Ratio Lower Upper  
162 100  
127 39.1 30.9 46.3  
164 33.9 27.2 40.8



#48  
2-Nitroaniline  
Concen: 48.676 ng  
RT: 13.546 min Scan# 1780  
Delta R.T. 0.000 min  
Lab File: BG058525.D  
Acq: 28 Jul 2023 19:41

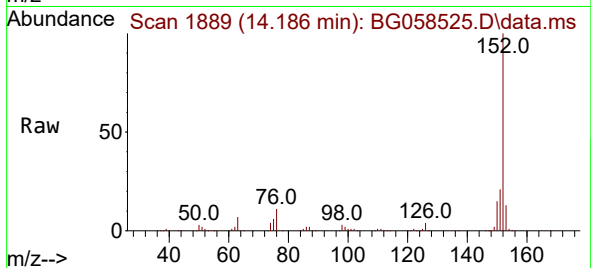
Tgt Ion: 65 Resp: 139688  
Ion Ratio Lower Upper  
65 100  
92 62.7 49.2 73.8  
138 89.4 71.5 107.3



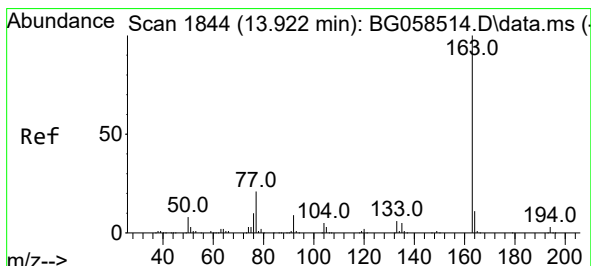
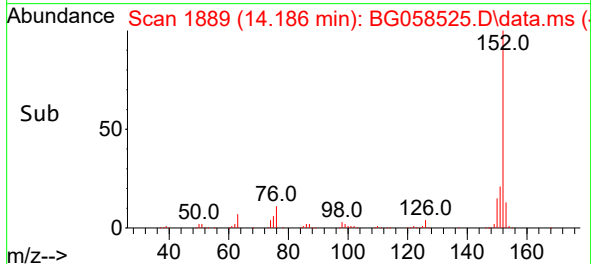
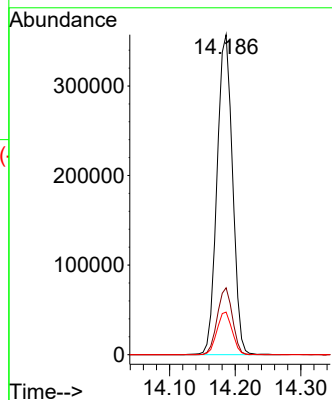


#49  
Acenaphthylene  
Concen: 46.367 ng  
RT: 14.186 min Scan# 1889  
Delta R.T. 0.000 min  
Lab File: BG058525.D  
Acq: 28 Jul 2023 19:41

Instrument :  
BNA\_G  
ClientSampleId :

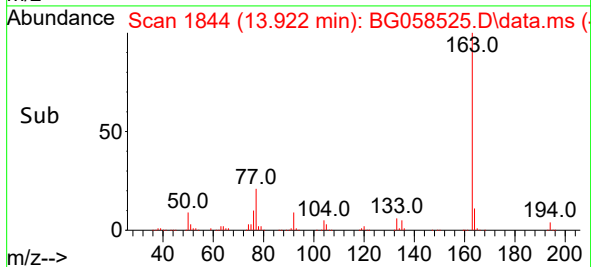
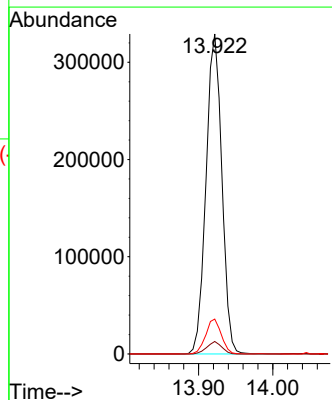
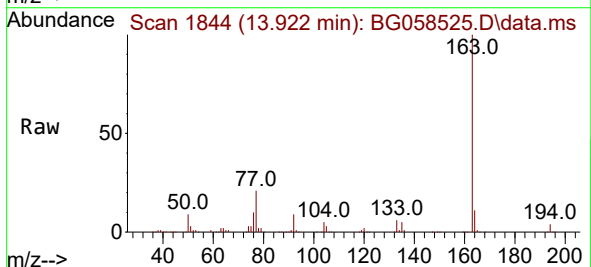


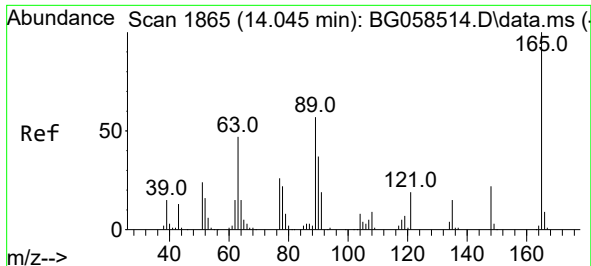
Tgt Ion:152 Resp: 583647  
Ion Ratio Lower Upper  
152 100  
151 20.9 16.5 24.7  
153 13.3 10.7 16.1



#50  
Dimethylphthalate  
Concen: 46.262 ng  
RT: 13.922 min Scan# 1844  
Delta R.T. 0.000 min  
Lab File: BG058525.D  
Acq: 28 Jul 2023 19:41

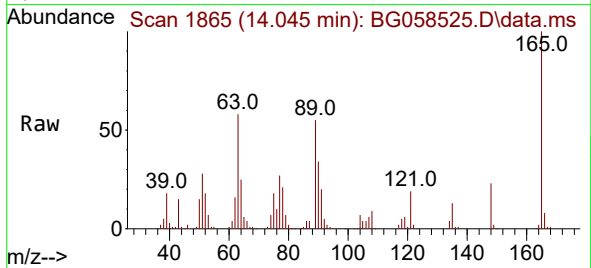
Tgt Ion:163 Resp: 487838  
Ion Ratio Lower Upper  
163 100  
194 3.9 2.7 4.1  
164 10.9 8.6 12.8



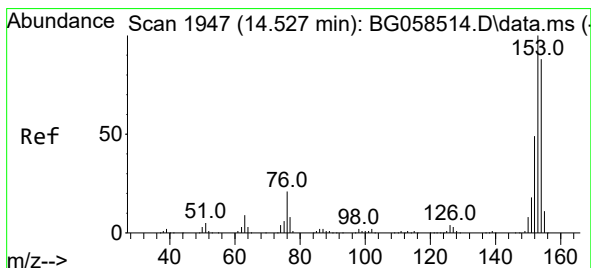
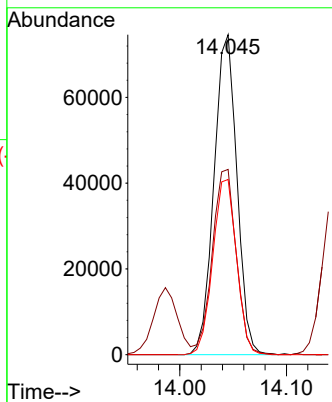
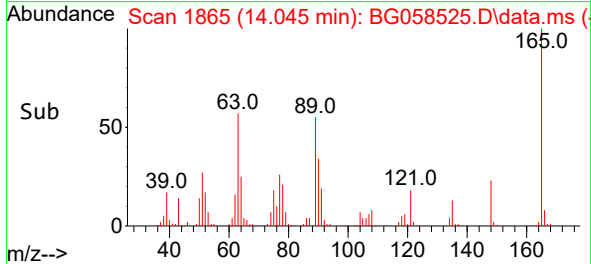


#51  
2,6-Dinitrotoluene  
Concen: 48.204 ng  
RT: 14.045 min Scan# 1865  
Delta R.T. 0.000 min  
Lab File: BG058525.D  
Acq: 28 Jul 2023 19:41

Instrument :  
BNA\_G  
ClientSampleId :

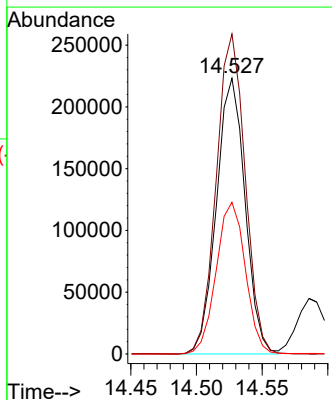
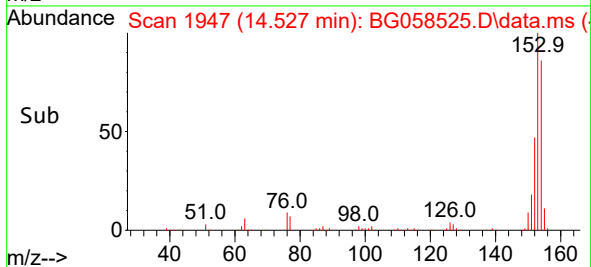
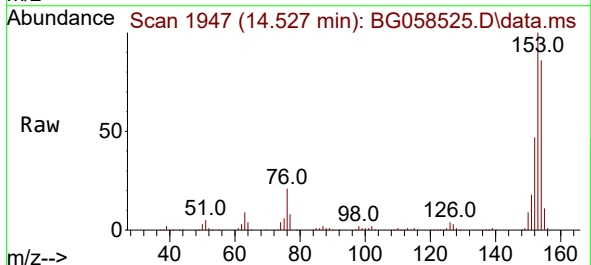


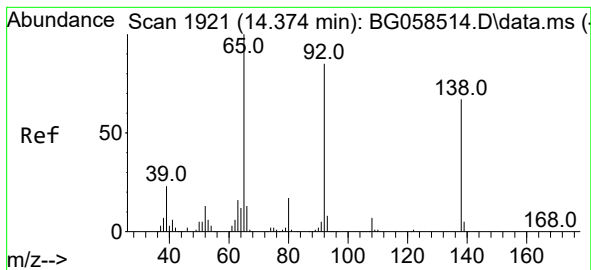
Tgt Ion:165 Resp: 111536  
Ion Ratio Lower Upper  
165 100  
63 57.9 46.4 69.6  
89 54.8 45.3 67.9



#52  
Acenaphthene  
Concen: 46.591 ng  
RT: 14.527 min Scan# 1947  
Delta R.T. 0.000 min  
Lab File: BG058525.D  
Acq: 28 Jul 2023 19:41

Tgt Ion:154 Resp: 338873  
Ion Ratio Lower Upper  
154 100  
153 116.1 91.1 136.7  
152 55.0 44.6 66.8

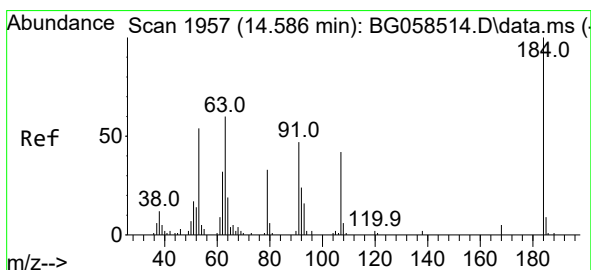
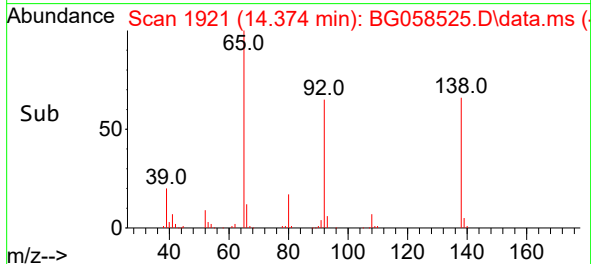
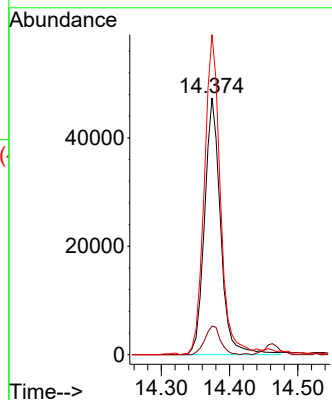
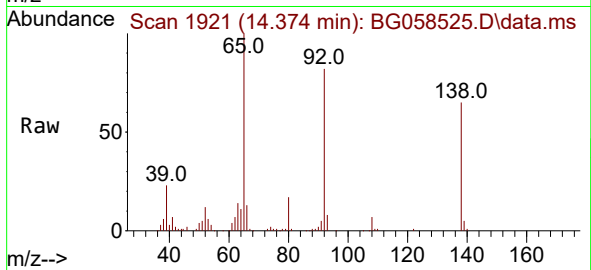




#53  
3-Nitroaniline  
Concen: 33.491 ng  
RT: 14.374 min Scan# 1921  
Delta R.T. 0.000 min  
Lab File: BG058525.D  
Acq: 28 Jul 2023 19:41

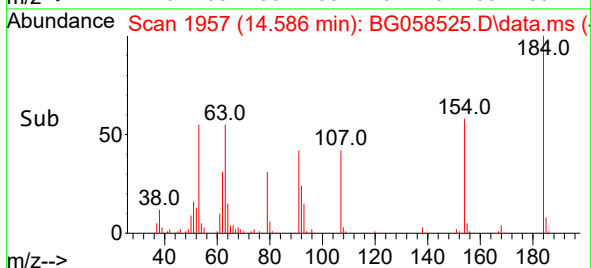
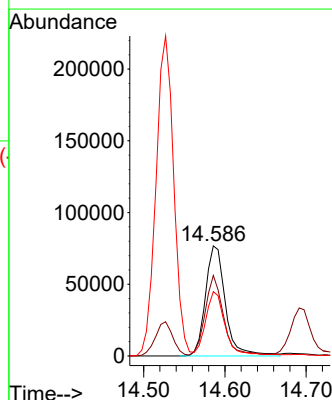
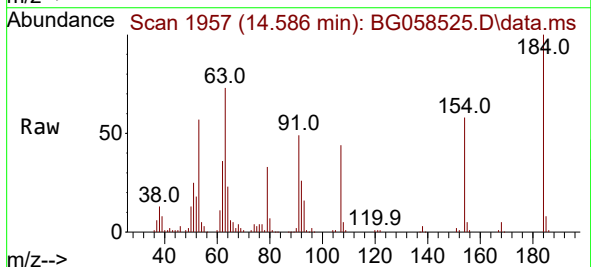
Instrument :  
BNA\_G  
ClientSampleId :

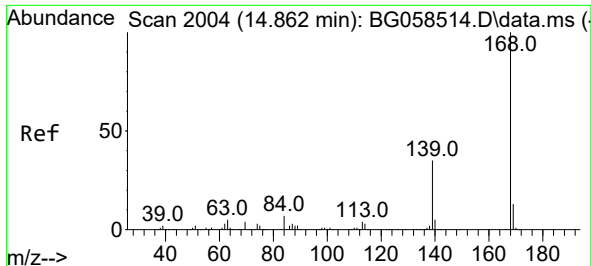
Tgt Ion:138 Resp: 77529  
Ion Ratio Lower Upper  
138 100  
108 11.1 8.3 12.5  
92 124.6 101.1 151.7



#54  
2,4-Dinitrophenol  
Concen: 98.587 ng  
RT: 14.586 min Scan# 1957  
Delta R.T. -0.000 min  
Lab File: BG058525.D  
Acq: 28 Jul 2023 19:41

Tgt Ion:184 Resp: 131094  
Ion Ratio Lower Upper  
184 100  
63 73.1 56.7 85.1  
154 58.5 46.1 69.1

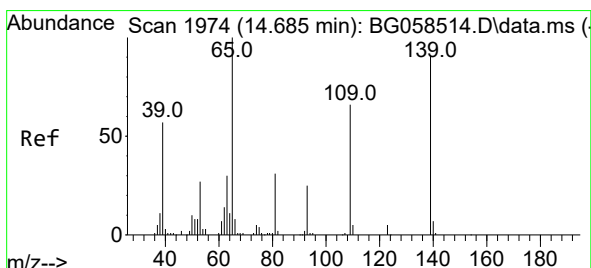
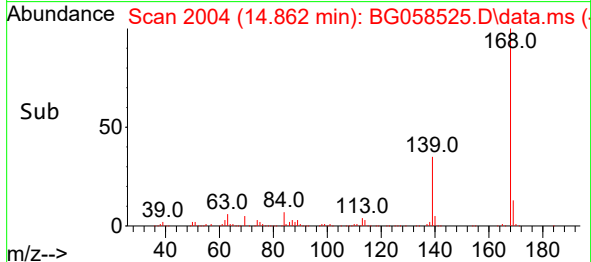
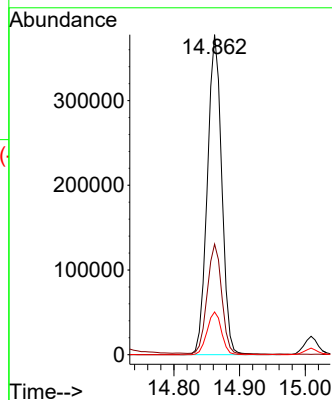
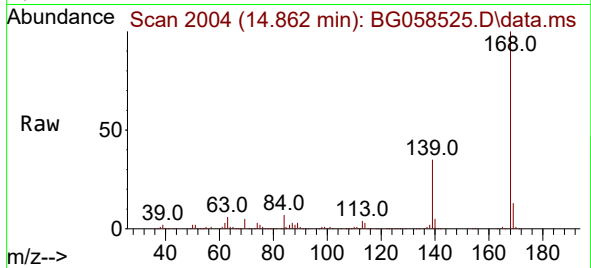




#55  
Dibenzofuran  
Concen: 46.038 ng  
RT: 14.862 min Scan# 2004  
Delta R.T. 0.000 min  
Lab File: BG058525.D  
Acq: 28 Jul 2023 19:41

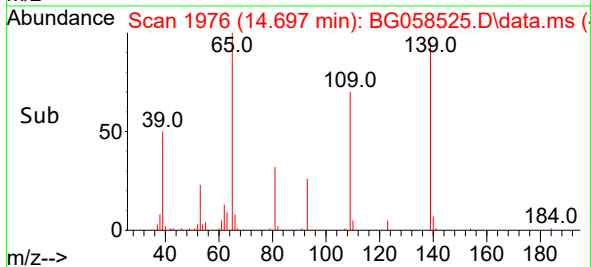
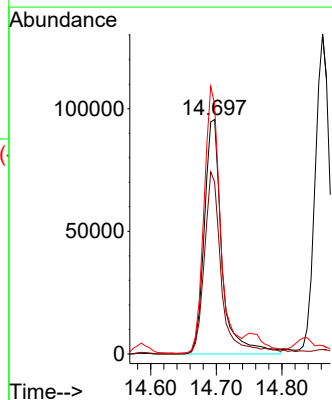
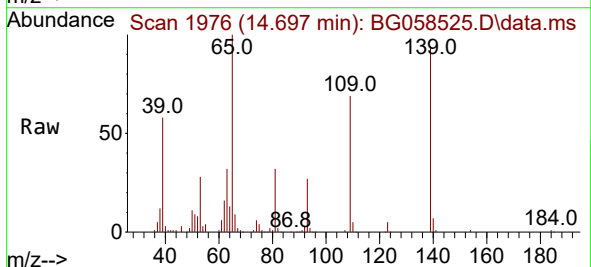
Instrument :  
BNA\_G  
ClientSampleId :

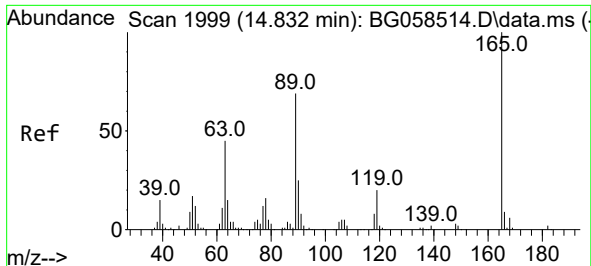
Tgt Ion:168 Resp: 575388  
Ion Ratio Lower Upper  
168 100  
139 34.5 27.8 41.8  
169 13.4 10.6 16.0



#56  
4-Nitrophenol  
Concen: 103.272 ng  
RT: 14.697 min Scan# 1976  
Delta R.T. 0.012 min  
Lab File: BG058525.D  
Acq: 28 Jul 2023 19:41

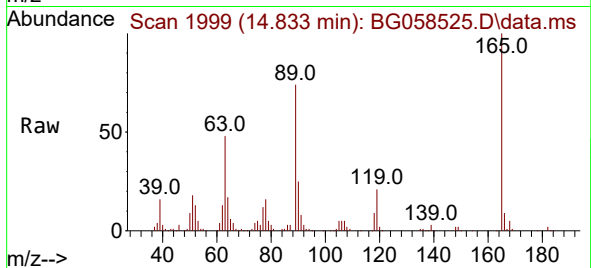
Tgt Ion:139 Resp: 178880  
Ion Ratio Lower Upper  
139 100  
109 73.4 52.5 92.5  
65 106.5 90.5 130.5



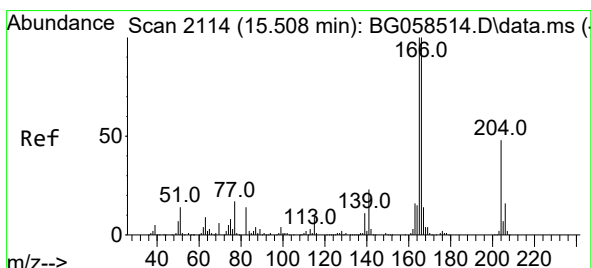
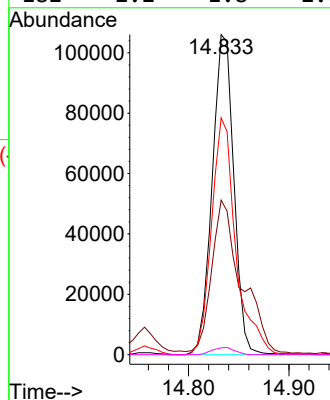
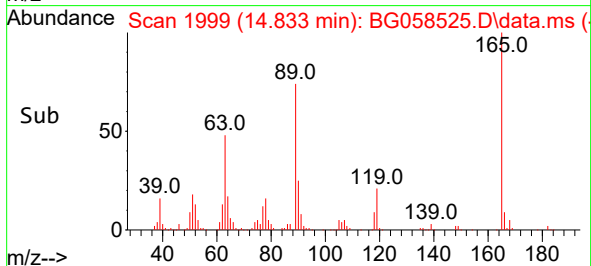


#57  
2,4-Dinitrotoluene  
Concen: 49.394 ng  
RT: 14.833 min Scan# 1999  
Delta R.T. 0.000 min  
Lab File: BG058525.D  
Acq: 28 Jul 2023 19:41

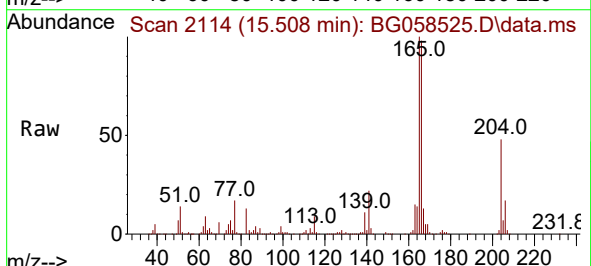
Instrument :  
BNA\_G  
ClientSampleId :



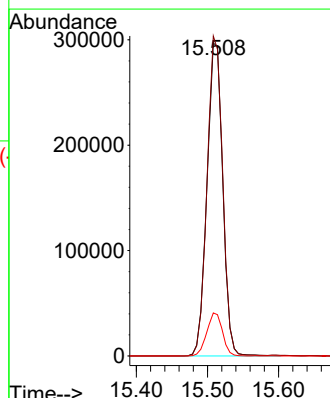
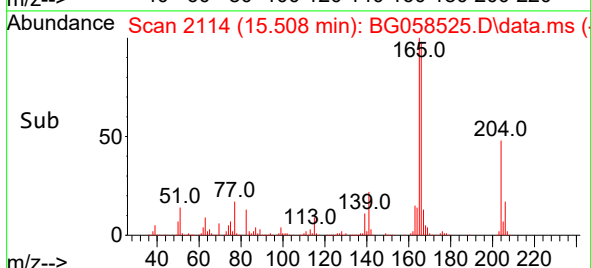
Tgt Ion:165 Resp: 158445  
Ion Ratio Lower Upper  
165 100  
63 48.3 36.6 54.8  
89 74.0 55.4 83.0  
182 2.2 1.8 2.6

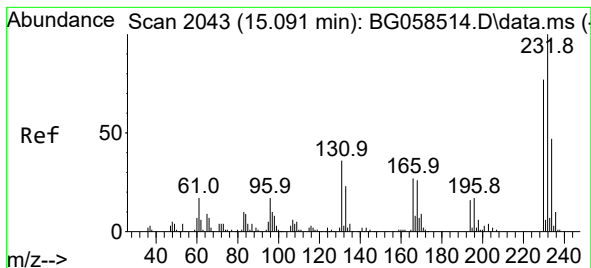


#58  
Fluorene  
Concen: 46.212 ng  
RT: 15.508 min Scan# 2114  
Delta R.T. 0.000 min  
Lab File: BG058525.D  
Acq: 28 Jul 2023 19:41



Tgt Ion:166 Resp: 458821  
Ion Ratio Lower Upper  
166 100  
165 102.3 80.0 120.0  
167 13.8 11.3 16.9

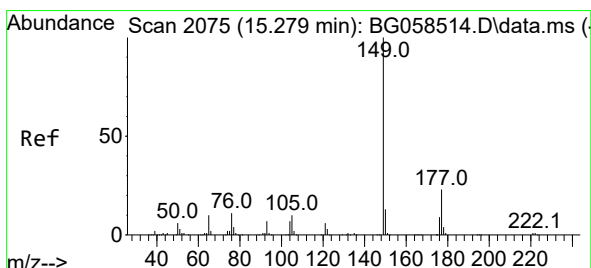
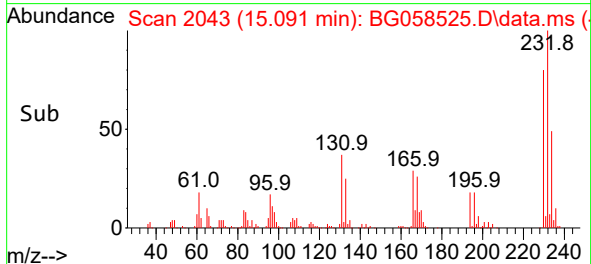
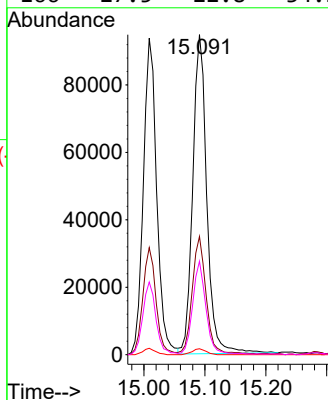
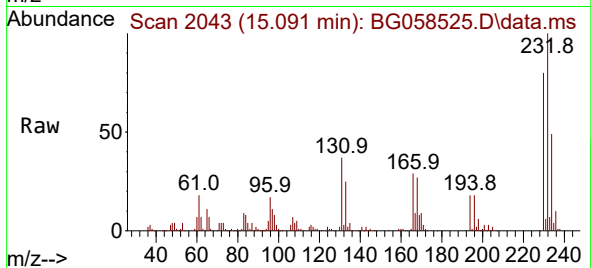




#59  
2,3,4,6-Tetrachlorophenol  
Concen: 50.752 ng  
RT: 15.091 min Scan# 2043  
Delta R.T. 0.000 min  
Lab File: BG058525.D  
Acq: 28 Jul 2023 19:41

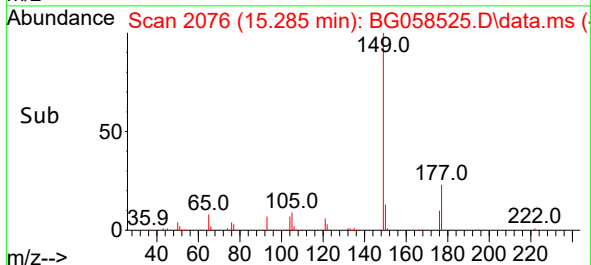
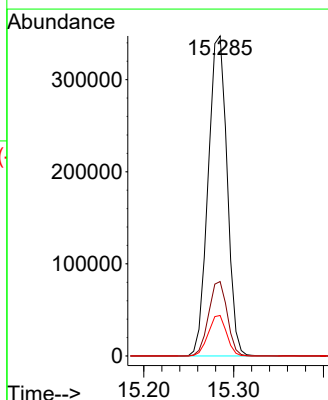
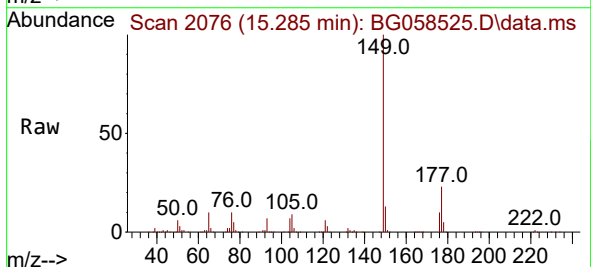
Instrument :  
BNA\_G  
ClientSampleId :

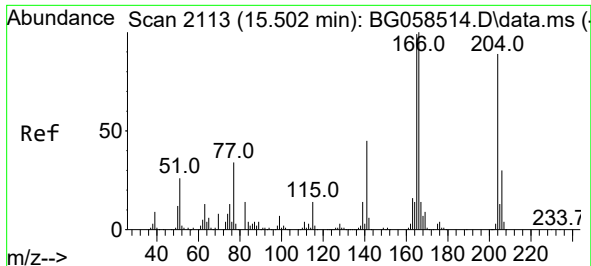
Tgt Ion:232 Resp: 151244  
Ion Ratio Lower Upper  
232 100  
131 36.6 30.0 45.0  
130 1.8 1.5 2.3  
166 27.5 22.8 34.2



#60  
Diethylphthalate  
Concen: 47.365 ng  
RT: 15.285 min Scan# 2076  
Delta R.T. 0.006 min  
Lab File: BG058525.D  
Acq: 28 Jul 2023 19:41

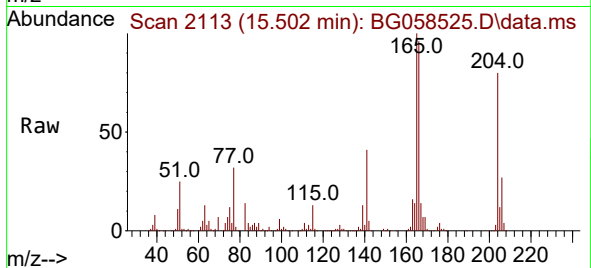
Tgt Ion:149 Resp: 508840  
Ion Ratio Lower Upper  
149 100  
177 23.2 18.2 27.4  
150 12.6 10.2 15.4



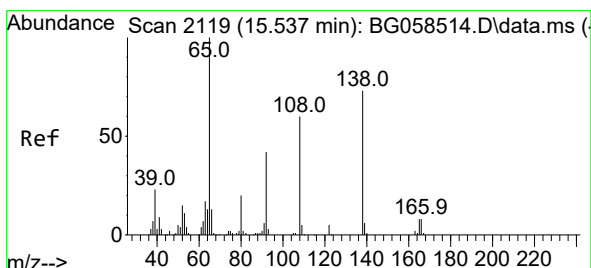
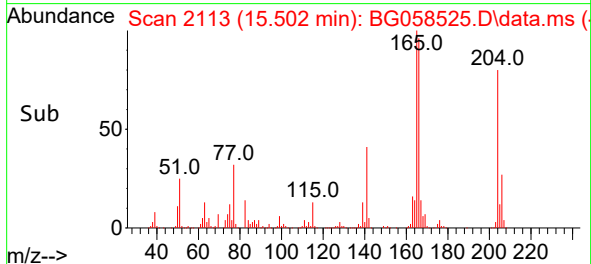
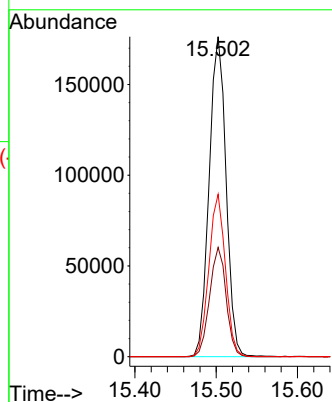


#61  
4-Chlorophenyl-phenylether  
Concen: 45.961 ng  
RT: 15.502 min Scan# 2113  
Delta R.T. 0.000 min  
Lab File: BG058525.D  
Acq: 28 Jul 2023 19:41

Instrument :  
BNA\_G  
ClientSampleId :

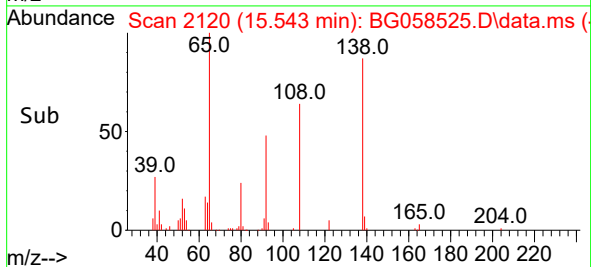
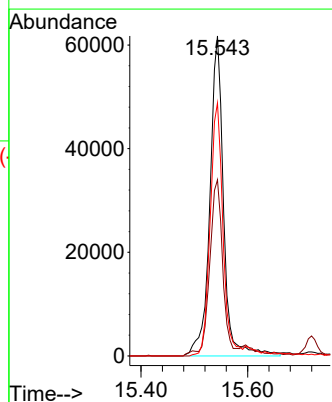
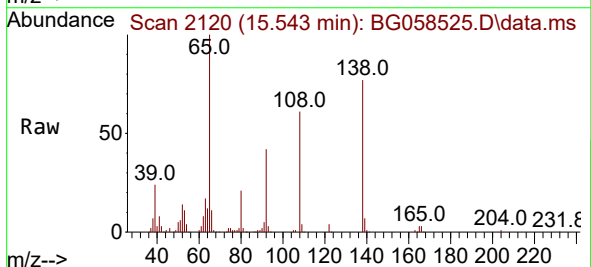


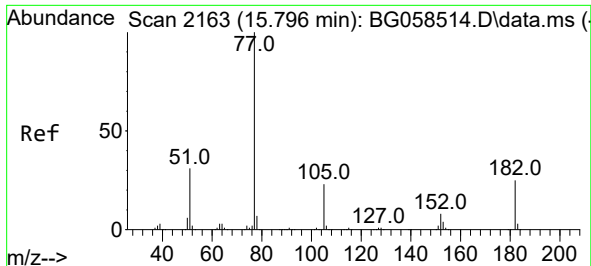
Tgt Ion:204 Resp: 254407  
Ion Ratio Lower Upper  
204 100  
206 34.1 27.0 40.4  
141 50.8 40.8 61.2



#62  
4-Nitroaniline  
Concen: 50.306 ng  
RT: 15.543 min Scan# 2120  
Delta R.T. 0.006 min  
Lab File: BG058525.D  
Acq: 28 Jul 2023 19:41

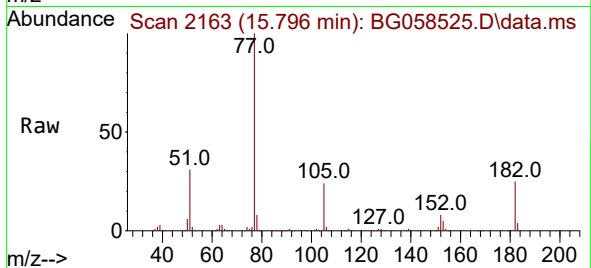
Tgt Ion:138 Resp: 110319  
Ion Ratio Lower Upper  
138 100  
92 55.1 37.3 77.3  
108 79.0 62.6 102.6



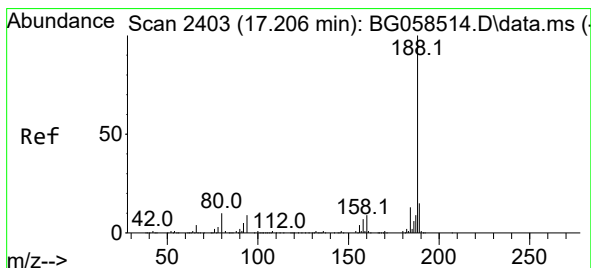
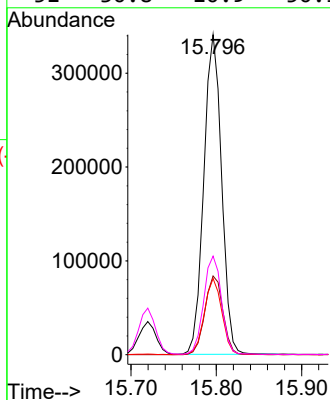


#63  
Azobenzene  
Concen: 46.561 ng  
RT: 15.796 min Scan# 2163  
Delta R.T. 0.000 min  
Lab File: BG058525.D  
Acq: 28 Jul 2023 19:41

Instrument :  
BNA\_G  
ClientSampleId :

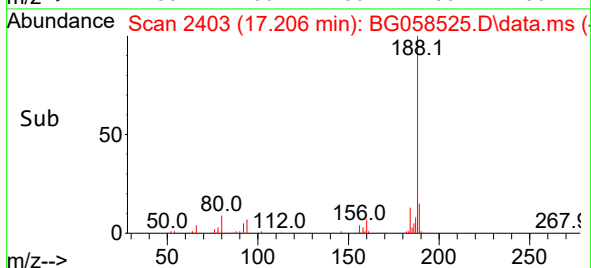
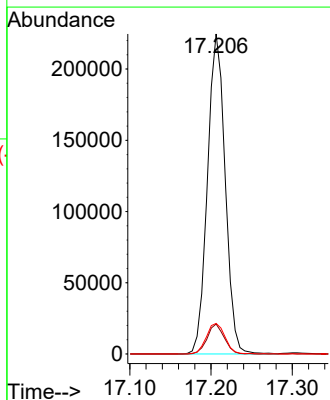
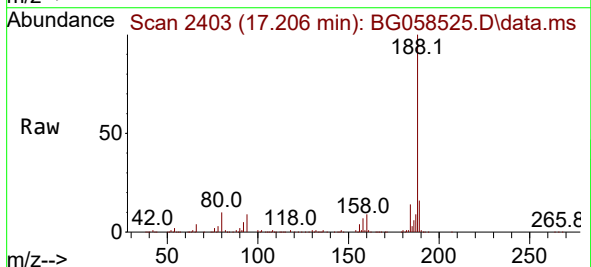


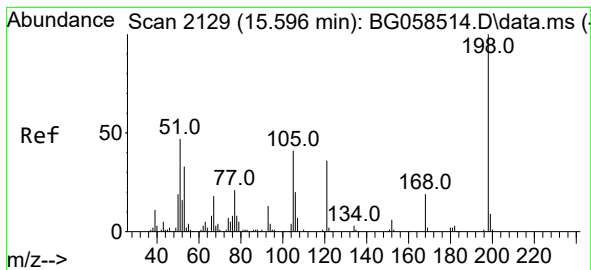
| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 77      | 100   |       |       |
| 182     | 24.6  | 4.6   | 44.6  |
| 105     | 23.8  | 3.3   | 43.3  |
| 51      | 30.8  | 10.9  | 50.9  |



#64  
Phenanthrene-d10  
Concen: 20.000 ng  
RT: 17.206 min Scan# 2403  
Delta R.T. 0.000 min  
Lab File: BG058525.D  
Acq: 28 Jul 2023 19:41

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 188     | 100   |       |       |
| 94      | 9.4   | 7.0   | 10.6  |
| 80      | 9.6   | 8.1   | 12.1  |

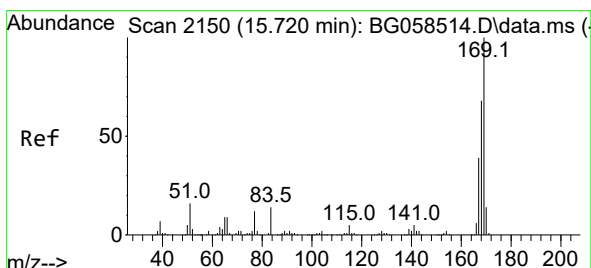
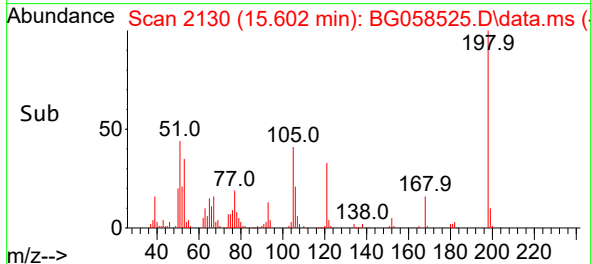
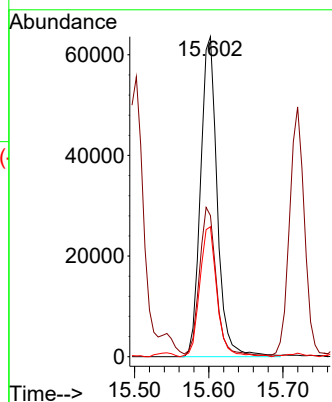
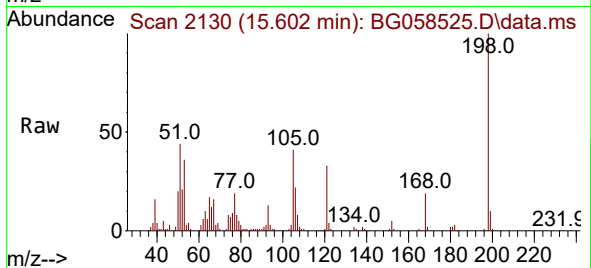




#65  
4,6-Dinitro-2-methylphenol  
Concen: 53.175 ng  
RT: 15.602 min Scan# 2129  
Delta R.T. 0.006 min  
Lab File: BG058525.D  
Acq: 28 Jul 2023 19:41

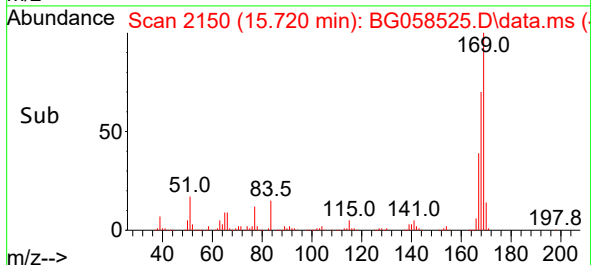
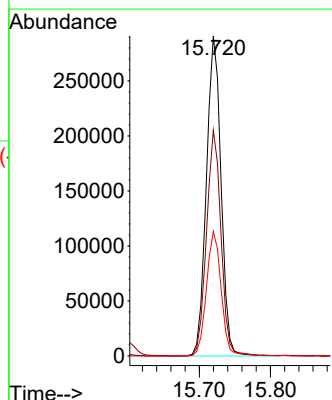
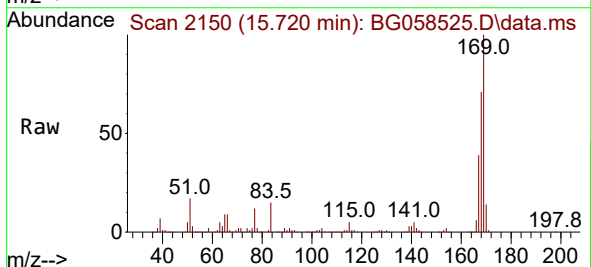
Instrument :  
BNA\_G  
ClientSampleId :

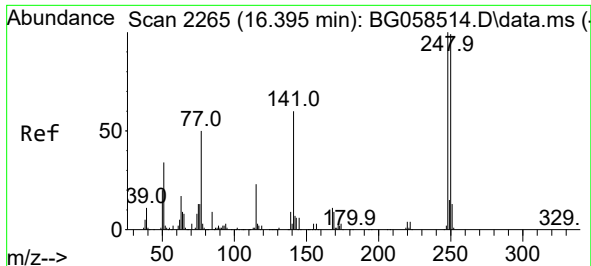
Tgt Ion:198 Resp: 99734  
Ion Ratio Lower Upper  
198 100  
51 44.1 29.3 69.3  
105 40.6 21.0 61.0



#66  
n-Nitrosodiphenylamine  
Concen: 47.204 ng  
RT: 15.720 min Scan# 2150  
Delta R.T. 0.000 min  
Lab File: BG058525.D  
Acq: 28 Jul 2023 19:41

Tgt Ion:169 Resp: 417911  
Ion Ratio Lower Upper  
169 100  
168 70.6 54.6 82.0  
167 38.9 31.3 46.9

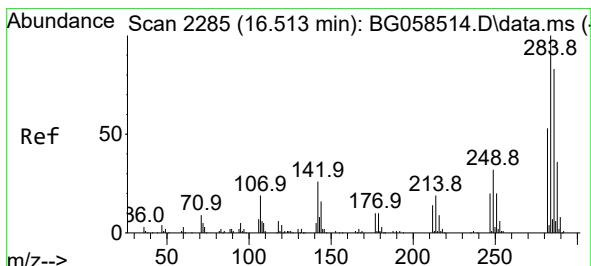
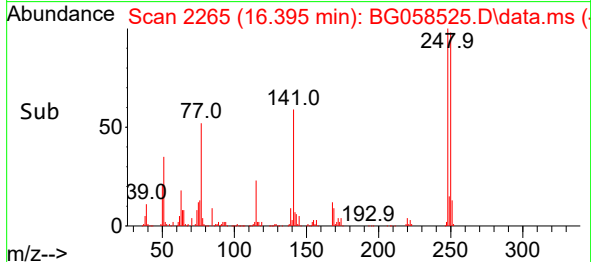
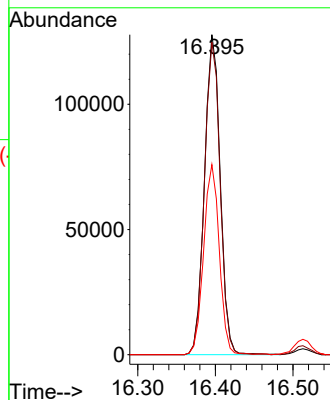
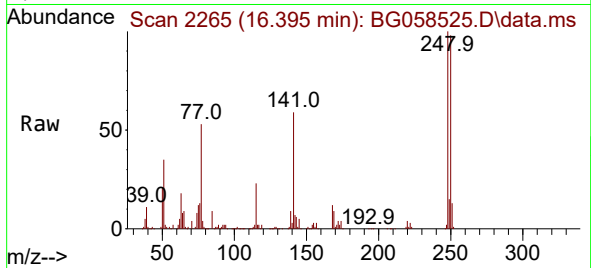




#67  
4-Bromophenyl-phenylether  
Concen: 46.700 ng  
RT: 16.395 min Scan# 21  
Delta R.T. 0.000 min  
Lab File: BG058525.D  
Acq: 28 Jul 2023 19:41

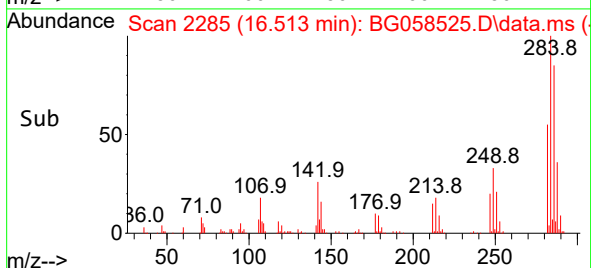
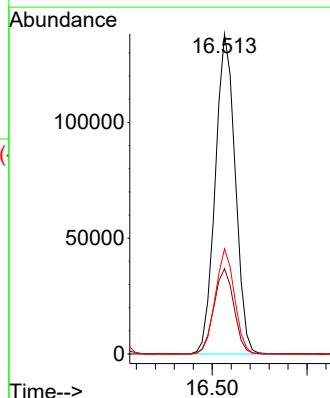
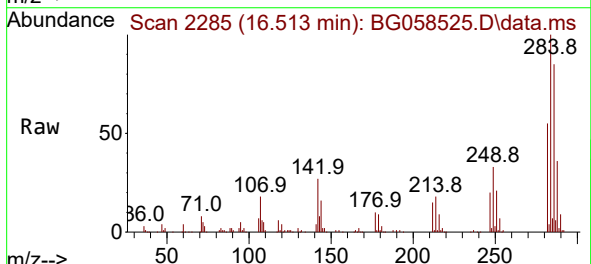
Instrument :  
BNA\_G  
ClientSampleId :

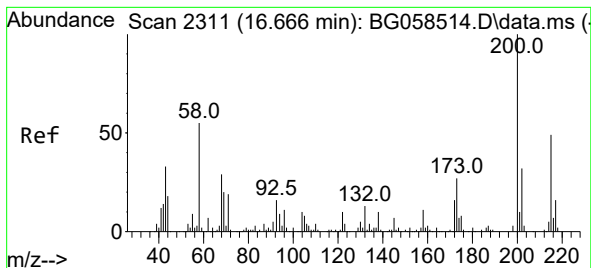
Tgt Ion:248 Resp: 180175  
Ion Ratio Lower Upper  
248 100  
250 97.7 79.5 119.3  
141 59.4 48.2 72.2



#68  
Hexachlorobenzene  
Concen: 49.336 ng  
RT: 16.513 min Scan# 2285  
Delta R.T. 0.000 min  
Lab File: BG058525.D  
Acq: 28 Jul 2023 19:41

Tgt Ion:284 Resp: 201698  
Ion Ratio Lower Upper  
284 100  
142 26.7 21.0 31.4  
249 32.8 25.5 38.3





#69

Atrazine

Concen: 59.764 ng

RT: 16.672 min Scan# 21

Delta R.T. 0.006 min

Lab File: BG058525.D

Acq: 28 Jul 2023 19:41

Instrument :

BNA\_G

ClientSampleId :

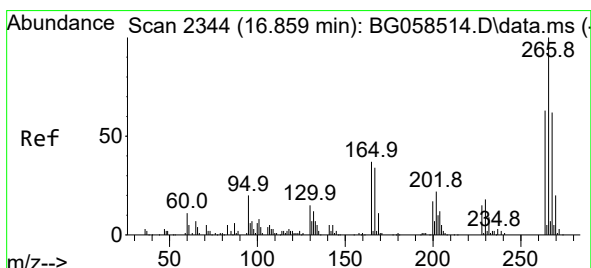
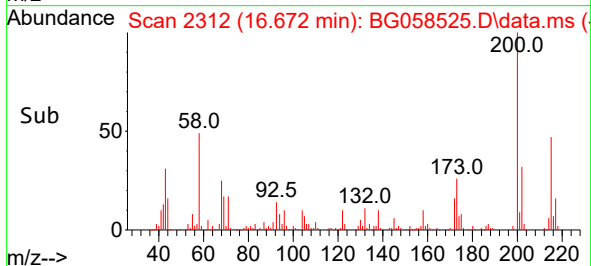
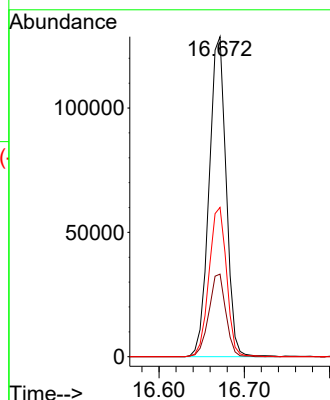
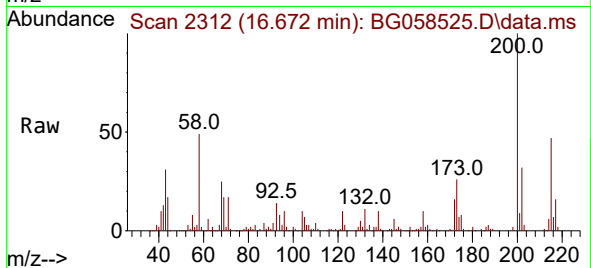
Tgt Ion:200 Resp: 178615

Ion Ratio Lower Upper

200 100

173 25.8 6.5 46.5

215 46.6 28.9 68.9



#70

Pentachlorophenol

Concen: 97.594 ng

RT: 16.860 min Scan# 2344

Delta R.T. 0.001 min

Lab File: BG058525.D

Acq: 28 Jul 2023 19:41

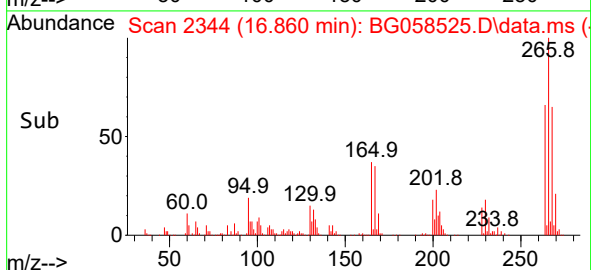
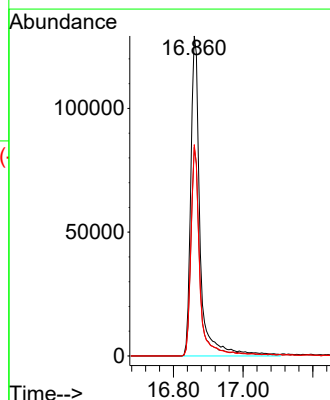
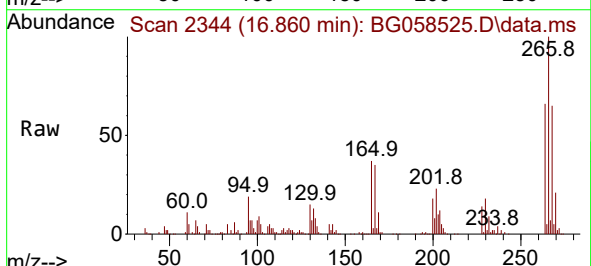
Tgt Ion:266 Resp: 241501

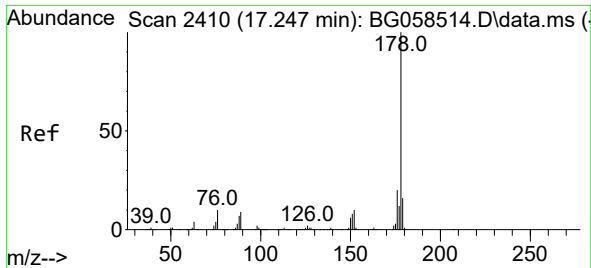
Ion Ratio Lower Upper

266 100

268 65.2 49.9 74.9

264 66.1 50.2 75.4

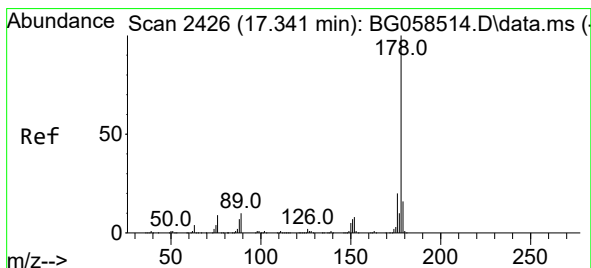
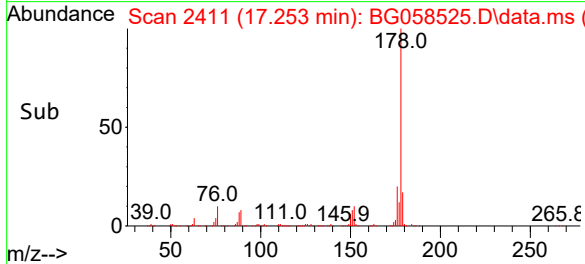
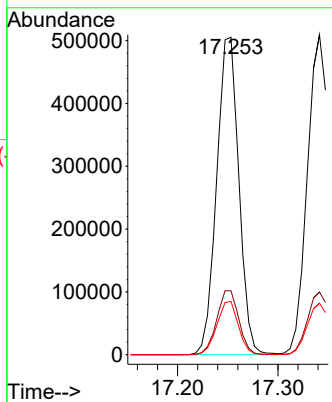
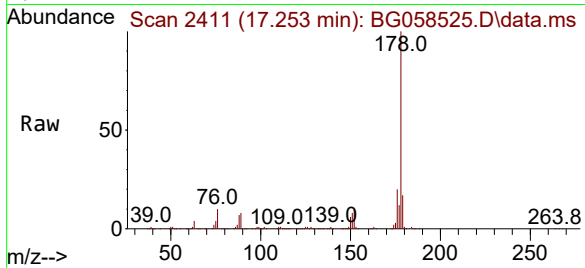




#71  
Phenanthrene  
Concen: 48.046 ng  
RT: 17.253 min Scan# 2411  
Delta R.T. 0.006 min  
Lab File: BG058525.D  
Acq: 28 Jul 2023 19:41

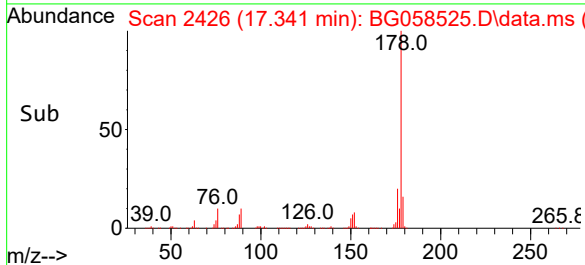
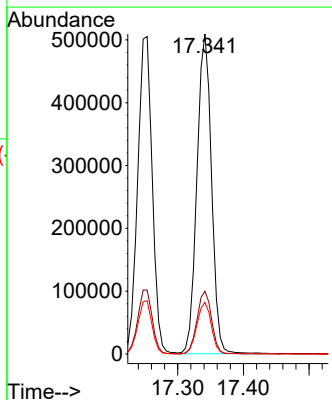
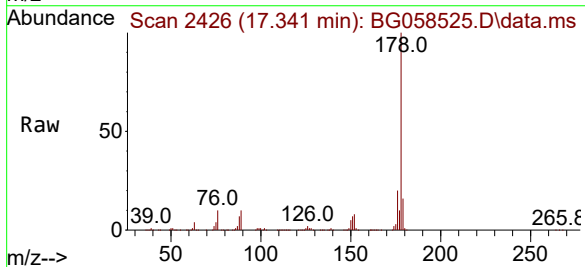
Instrument :  
BNA\_G  
ClientSampleId :

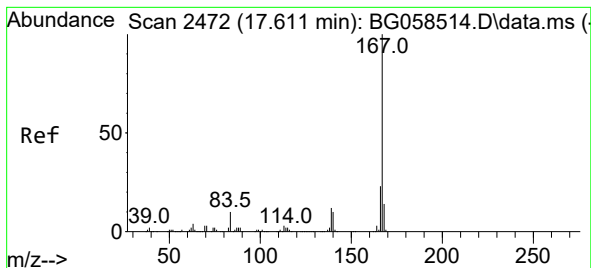
Tgt Ion:178 Resp: 775069  
Ion Ratio Lower Upper  
178 100  
176 20.1 16.3 24.5  
179 16.8 13.1 19.7



#72  
Anthracene  
Concen: 47.646 ng  
RT: 17.341 min Scan# 2426  
Delta R.T. 0.000 min  
Lab File: BG058525.D  
Acq: 28 Jul 2023 19:41

Tgt Ion:178 Resp: 788658  
Ion Ratio Lower Upper  
178 100  
176 19.6 16.0 24.0  
179 16.1 12.9 19.3





#73

Carbazole

Concen: 50.401 ng

RT: 17.612 min Scan# 2472

Delta R.T. 0.000 min

Lab File: BG058525.D

Acq: 28 Jul 2023 19:41

Instrument :

BNA\_G

ClientSampleId :

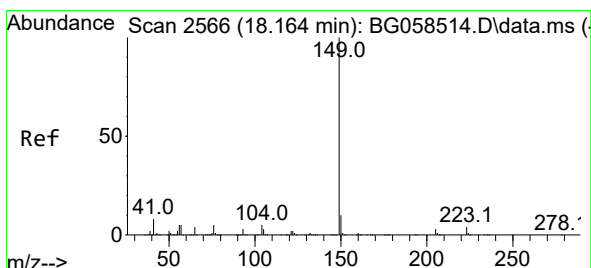
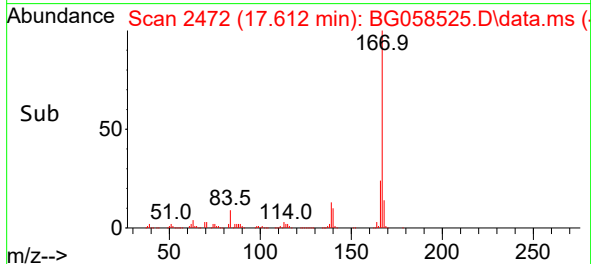
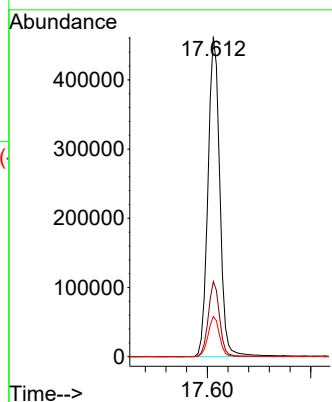
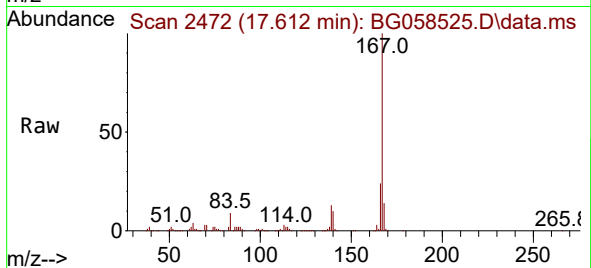
Tgt Ion:167 Resp: 735667

Ion Ratio Lower Upper

167 100

166 23.5 18.4 27.6

139 12.6 10.0 15.0



#74

Di-n-butylphthalate

Concen: 48.774 ng

RT: 18.164 min Scan# 2566

Delta R.T. 0.000 min

Lab File: BG058525.D

Acq: 28 Jul 2023 19:41

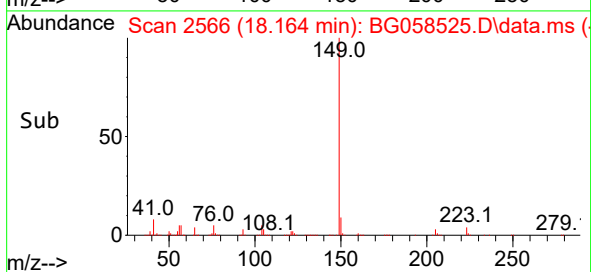
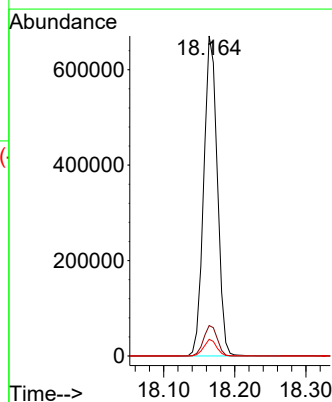
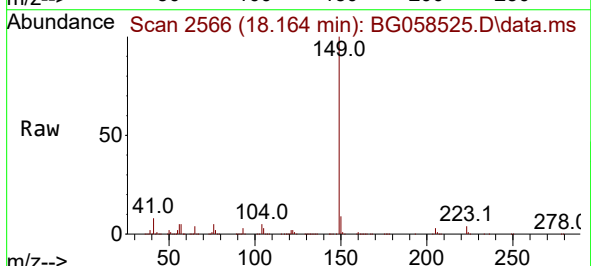
Tgt Ion:149 Resp: 891717

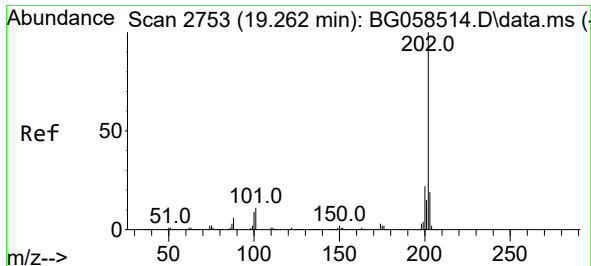
Ion Ratio Lower Upper

149 100

150 9.5 7.8 11.6

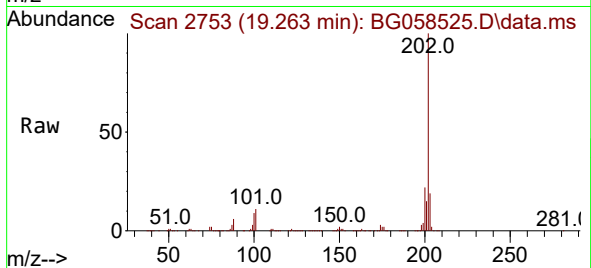
104 5.2 4.0 6.0



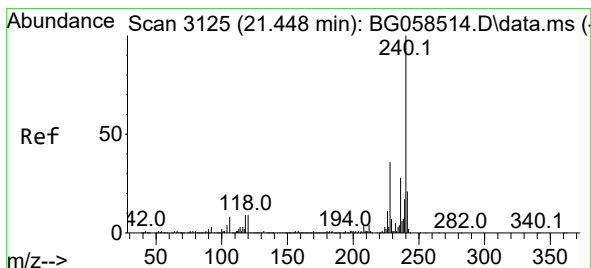
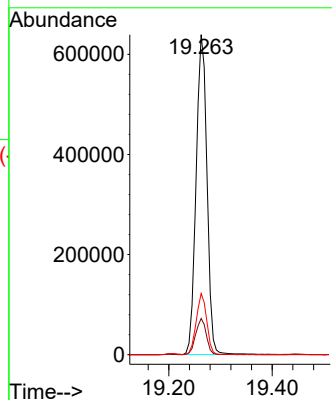
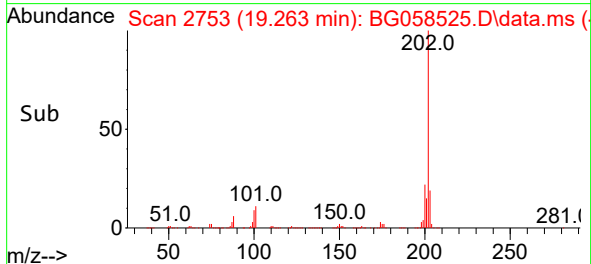


#75  
Fluoranthene  
Concen: 48.013 ng  
RT: 19.263 min Scan# 21  
Delta R.T. 0.000 min  
Lab File: BG058525.D  
Acq: 28 Jul 2023 19:41

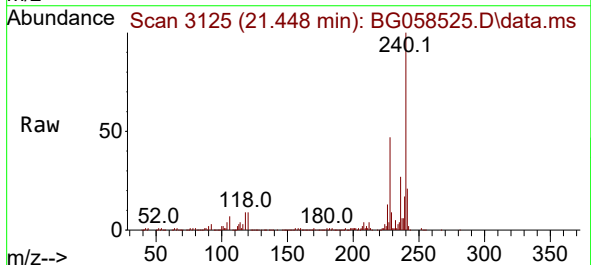
Instrument :  
BNA\_G  
ClientSampleId :



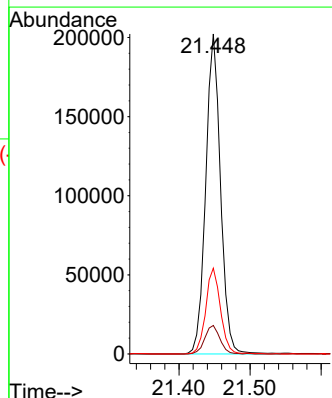
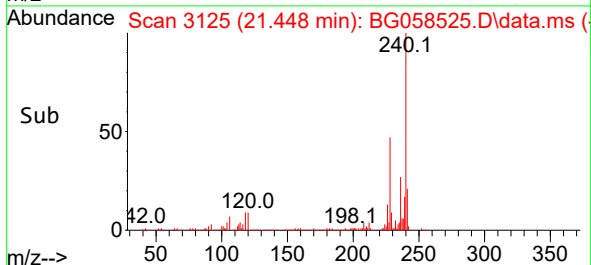
Tgt Ion:202 Resp: 930381  
Ion Ratio Lower Upper  
202 100  
101 11.3 0.0 31.4  
203 19.1 0.0 39.0

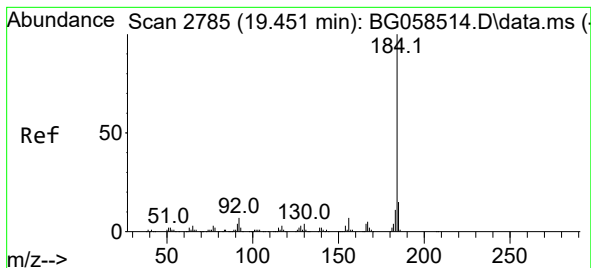


#76  
Chrysene-d12  
Concen: 20.000 ng  
RT: 21.448 min Scan# 3125  
Delta R.T. 0.000 min  
Lab File: BG058525.D  
Acq: 28 Jul 2023 19:41



Tgt Ion:240 Resp: 292607  
Ion Ratio Lower Upper  
240 100  
120 8.9 7.4 11.0  
236 26.8 22.2 33.4





#77

Benzidine

Concen: 63.133 ng

RT: 19.451 min Scan# 21

Delta R.T. 0.000 min

Lab File: BG058525.D

Acq: 28 Jul 2023 19:41

Instrument :

BNA\_G

ClientSampleId :

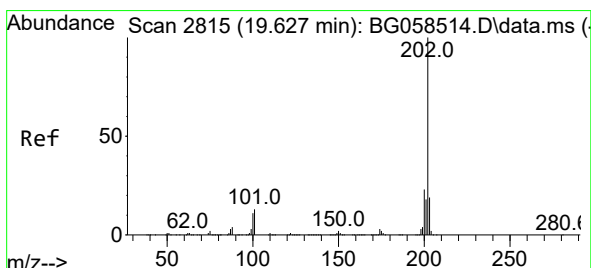
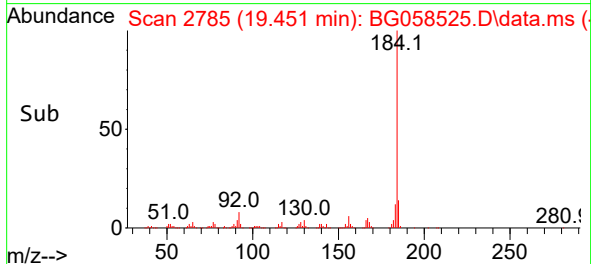
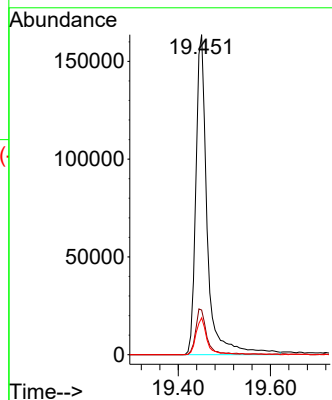
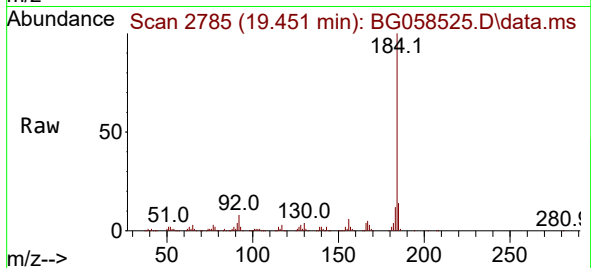
Tgt Ion:184 Resp: 280129

Ion Ratio Lower Upper

184 100

185 14.0 11.9 17.9

183 11.5 8.7 13.1



#78

Pyrene

Concen: 47.748 ng

RT: 19.627 min Scan# 2815

Delta R.T. 0.000 min

Lab File: BG058525.D

Acq: 28 Jul 2023 19:41

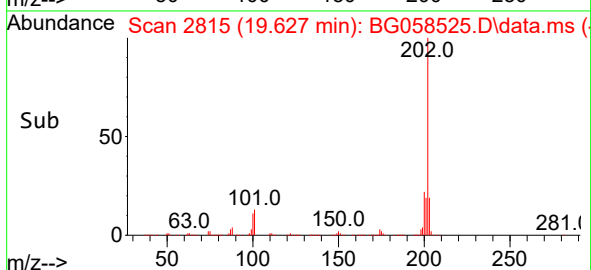
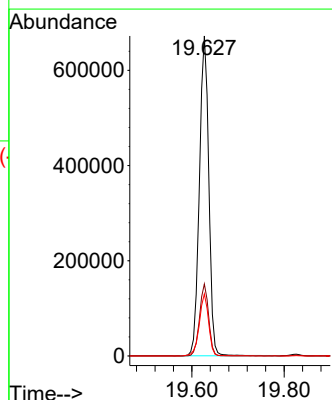
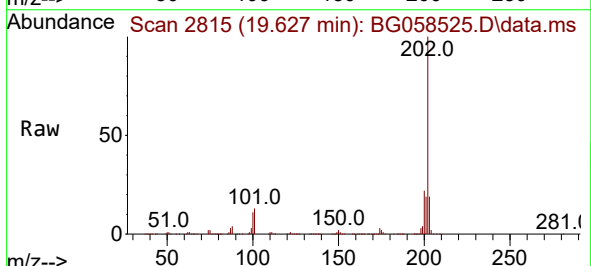
Tgt Ion:202 Resp: 950830

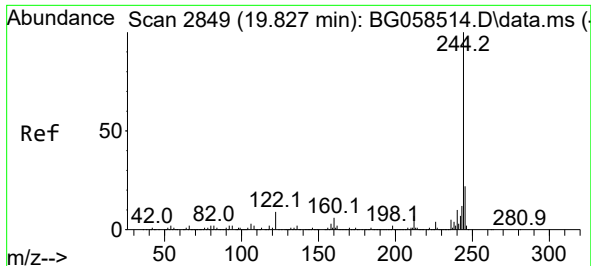
Ion Ratio Lower Upper

202 100

200 22.5 18.2 27.2

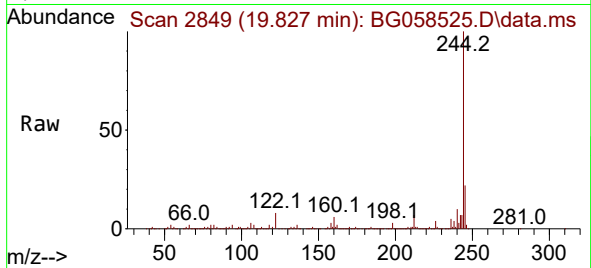
203 19.4 15.1 22.7



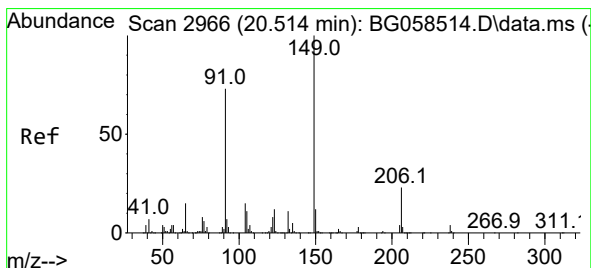
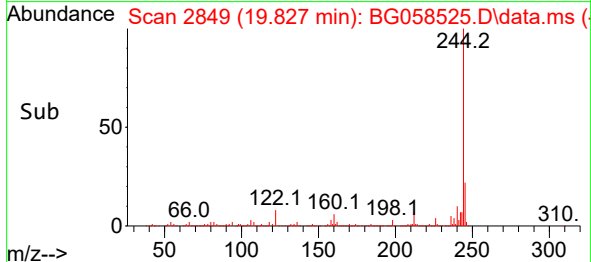
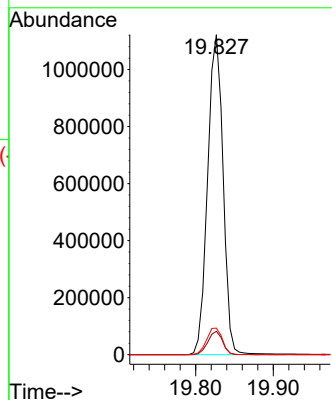


#79  
 Terphenyl-d14  
 Concen: 99.689 ng  
 RT: 19.827 min Scan# 21  
 Delta R.T. 0.000 min  
 Lab File: BG058525.D  
 Acq: 28 Jul 2023 19:41

Instrument :  
 BNA\_G  
 ClientSampleId :

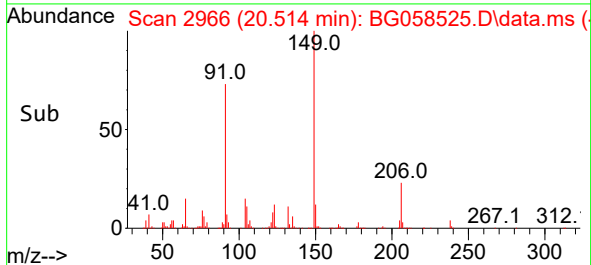
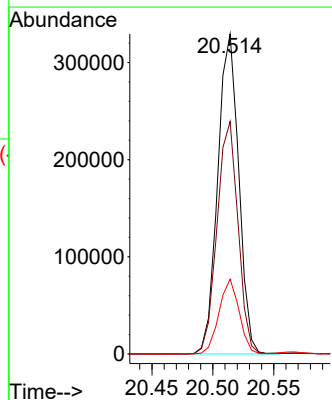
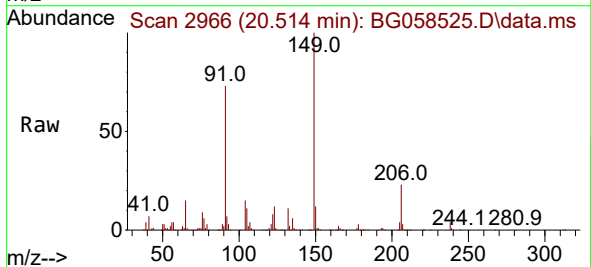


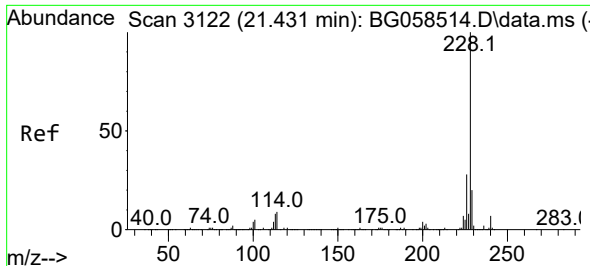
Tgt Ion:244 Resp: 1551149  
 Ion Ratio Lower Upper  
 244 100  
 212 7.3 5.9 8.9  
 122 8.3 6.8 10.2



#80  
 Butylbenzylphthalate  
 Concen: 48.294 ng  
 RT: 20.514 min Scan# 2966  
 Delta R.T. 0.000 min  
 Lab File: BG058525.D  
 Acq: 28 Jul 2023 19:41

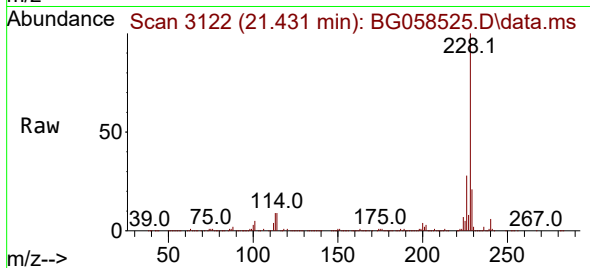
Tgt Ion:149 Resp: 395032  
 Ion Ratio Lower Upper  
 149 100  
 91 72.7 58.4 87.6  
 206 23.4 18.3 27.5



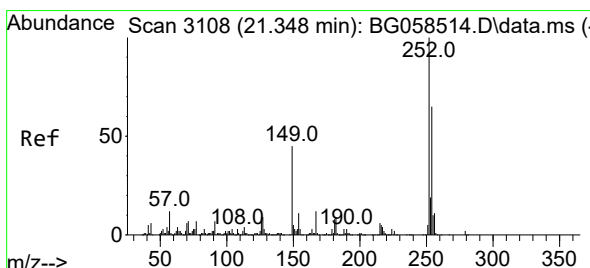
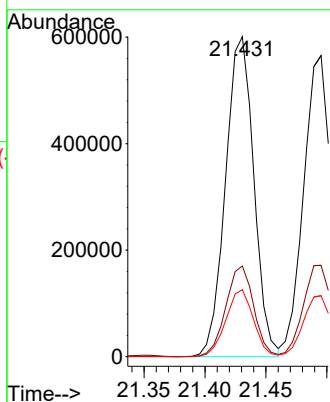
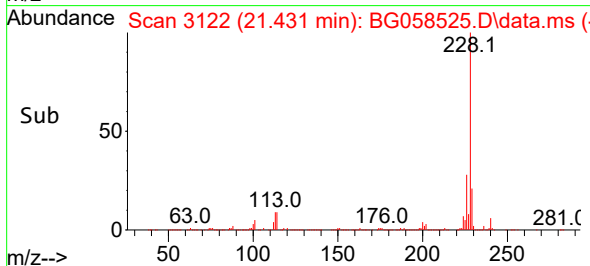


#81  
Benzo(a)anthracene  
Concen: 48.359 ng  
RT: 21.431 min Scan# 3122  
Delta R.T. 0.000 min  
Lab File: BG058525.D  
Acq: 28 Jul 2023 19:41

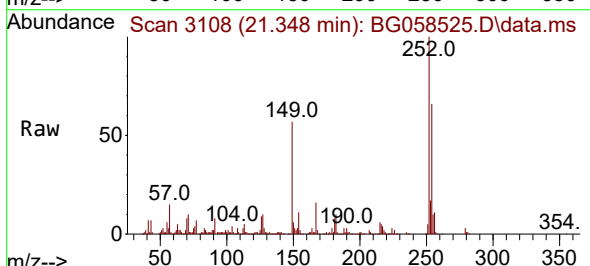
Instrument :  
BNA\_G  
ClientSampleId :



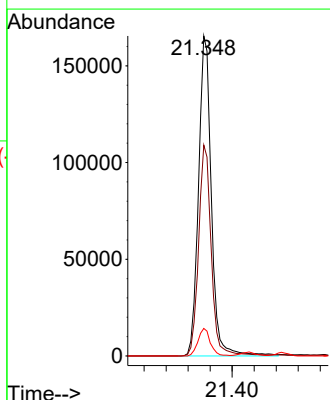
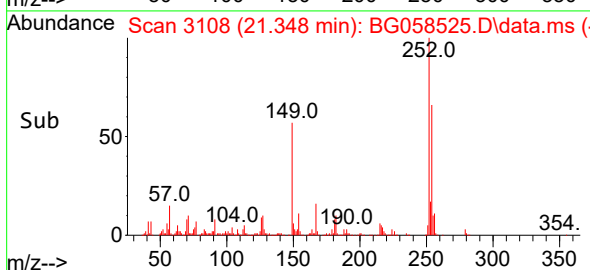
Tgt Ion:228 Resp: 973807  
Ion Ratio Lower Upper  
228 100  
226 28.4 22.6 33.8  
229 21.0 16.3 24.5

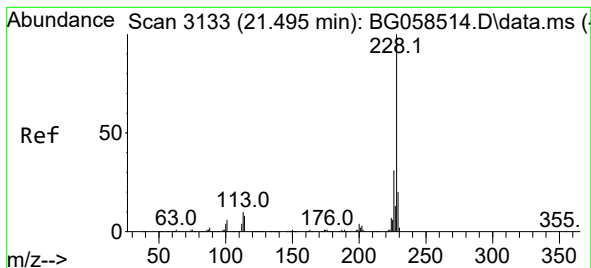


#82  
3,3'-Dichlorobenzidine  
Concen: 39.454 ng  
RT: 21.348 min Scan# 3108  
Delta R.T. 0.000 min  
Lab File: BG058525.D  
Acq: 28 Jul 2023 19:41



Tgt Ion:252 Resp: 268623  
Ion Ratio Lower Upper  
252 100  
254 65.9 52.2 78.4  
126 8.6 7.2 10.8





#83

Chrysene

Concen: 46.878 ng

RT: 21.495 min Scan# 3133

Delta R.T. 0.000 min

Lab File: BG058525.D

Acq: 28 Jul 2023 19:41

Instrument :

BNA\_G

ClientSampleId :

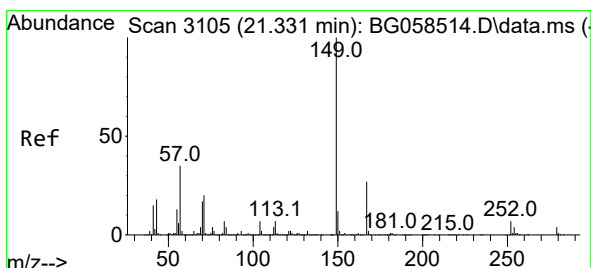
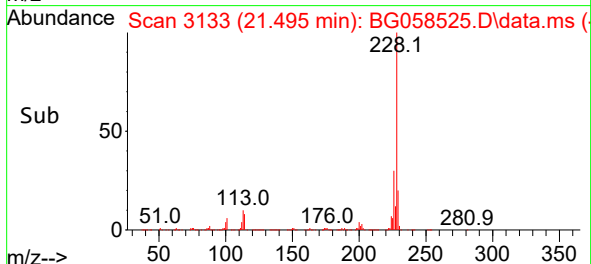
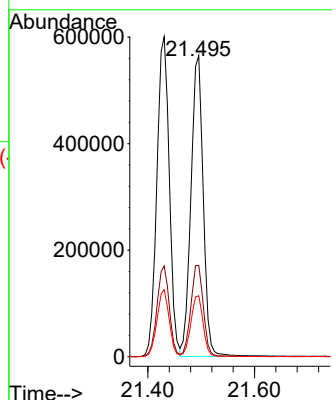
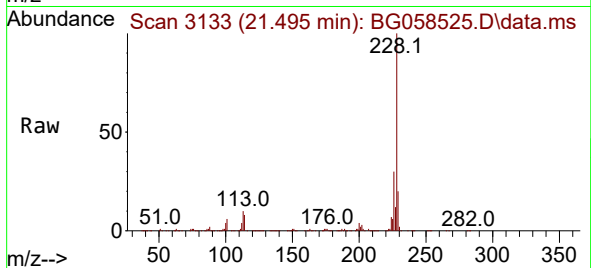
Tgt Ion:228 Resp: 905083

Ion Ratio Lower Upper

228 100

226 30.4 25.0 37.6

229 20.3 16.3 24.5



#84

Bis(2-ethylhexyl)phthalate

Concen: 48.252 ng

RT: 21.331 min Scan# 3105

Delta R.T. 0.000 min

Lab File: BG058525.D

Acq: 28 Jul 2023 19:41

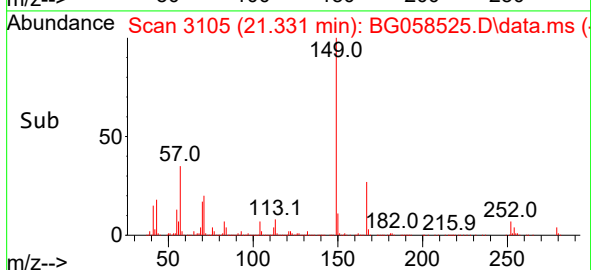
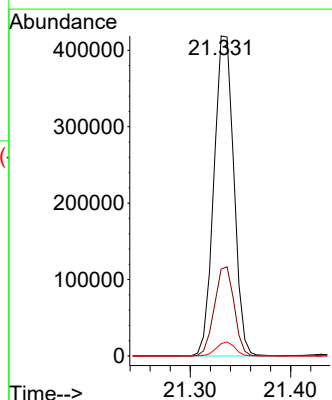
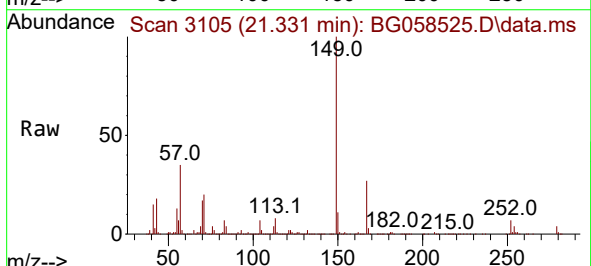
Tgt Ion:149 Resp: 576771

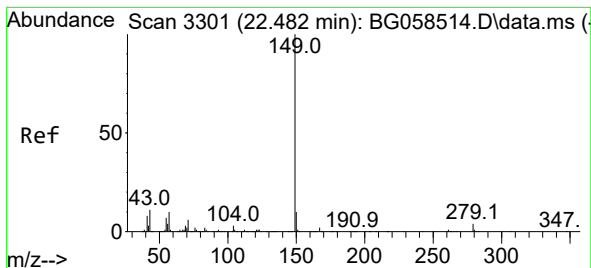
Ion Ratio Lower Upper

149 100

167 27.2 21.8 32.8

279 3.9 2.9 4.3





#85

Di-n-octyl phthalate

Concen: 48.896 ng

RT: 22.482 min Scan# 31

Delta R.T. 0.000 min

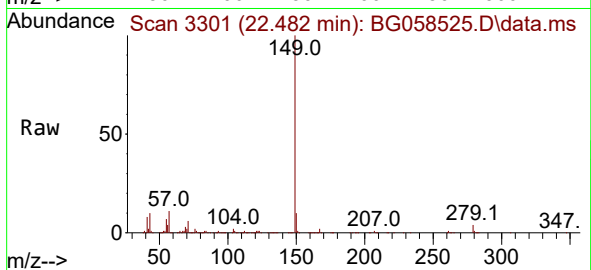
Lab File: BG058525.D

Acq: 28 Jul 2023 19:41

Instrument :

BNA\_G

ClientSampleId :



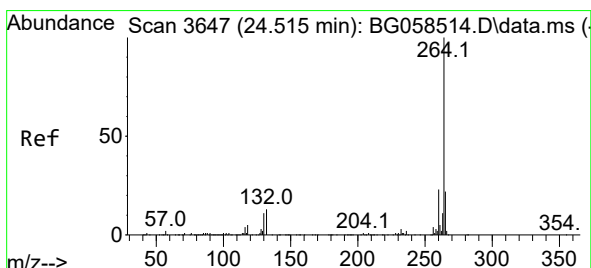
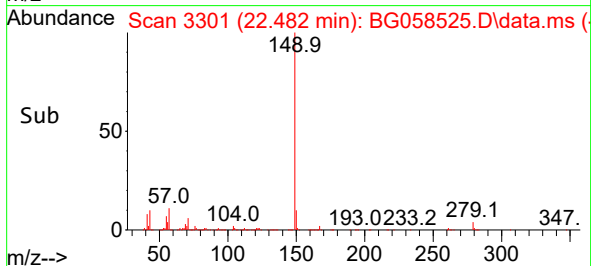
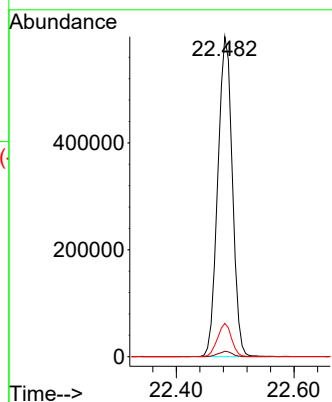
Tgt Ion:149 Resp: 1027555

Ion Ratio Lower Upper

149 100

167 1.6 1.3 1.9

43 10.0 8.2 12.2



#86

Perylene-d12

Concen: 20.000 ng

RT: 24.509 min Scan# 3646

Delta R.T. -0.006 min

Lab File: BG058525.D

Acq: 28 Jul 2023 19:41

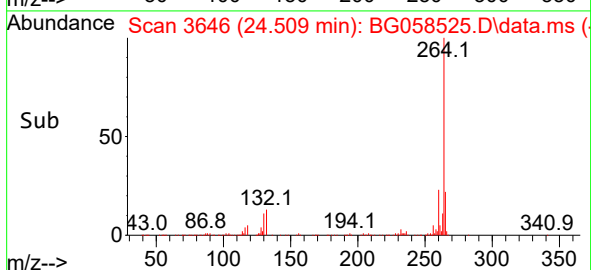
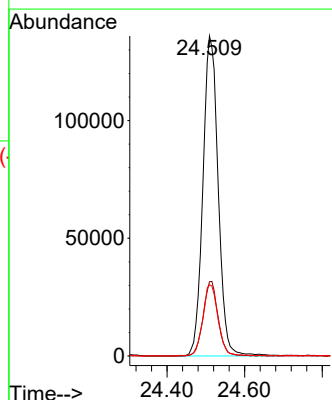
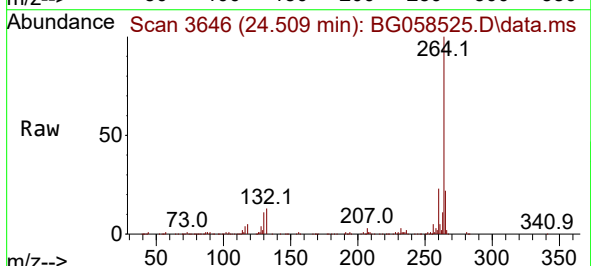
Tgt Ion:264 Resp: 371296

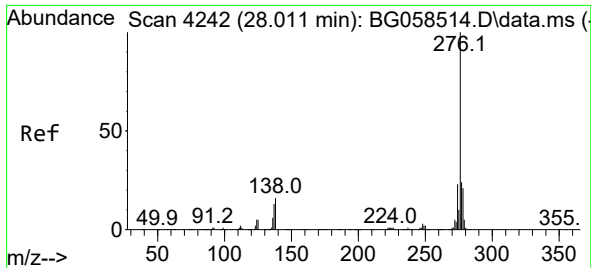
Ion Ratio Lower Upper

264 100

260 23.2 18.4 27.6

265 22.3 17.9 26.9

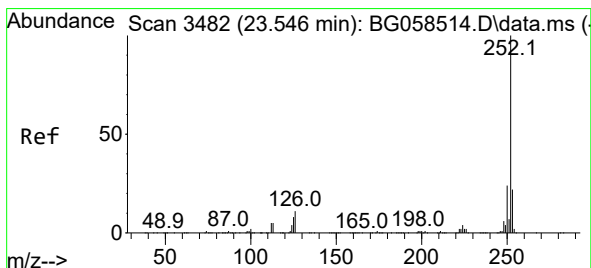
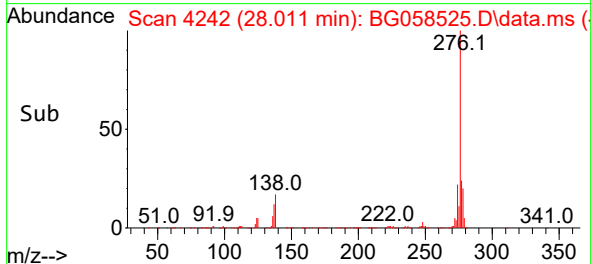
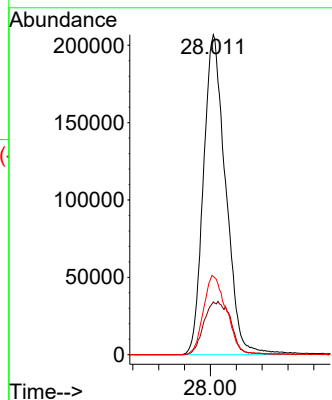
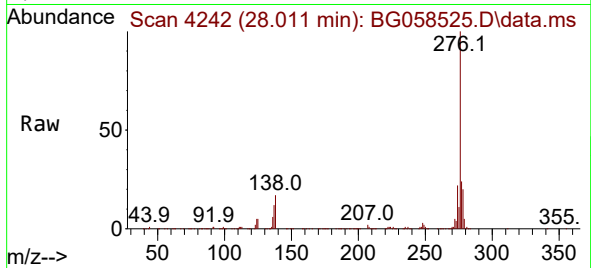




#87  
 Indeno(1,2,3-cd)pyrene  
 Concen: 49.868 ng  
 RT: 28.011 min Scan# 41  
 Delta R.T. 0.000 min  
 Lab File: BG058525.D  
 Acq: 28 Jul 2023 19:41

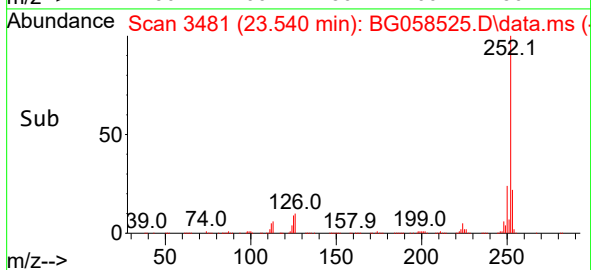
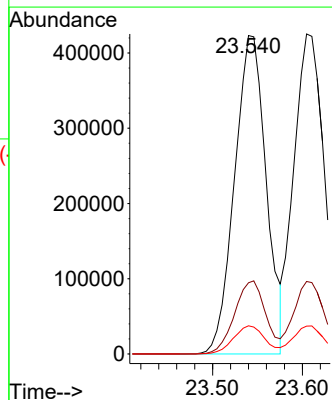
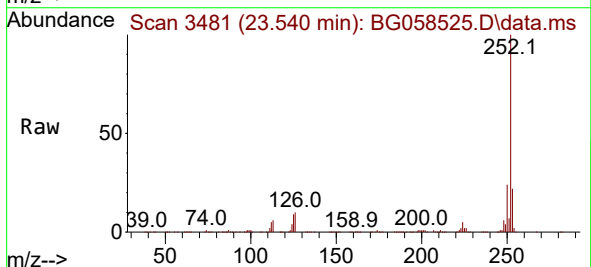
Instrument :  
 BNA\_G  
 ClientSampleId :

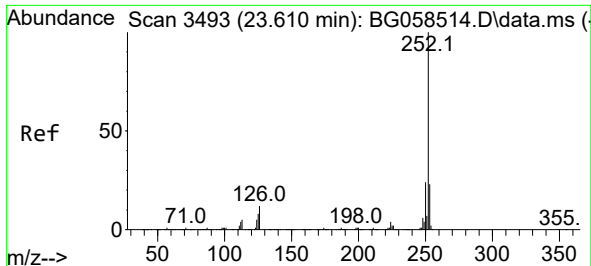
Tgt Ion:276 Resp: 1231803  
 Ion Ratio Lower Upper  
 276 100  
 138 9.7 16.0 24.0#  
 277 25.7 20.4 30.6



#88  
 Benzo(b)fluoranthene  
 Concen: 51.461 ng  
 RT: 23.540 min Scan# 3481  
 Delta R.T. -0.006 min  
 Lab File: BG058525.D  
 Acq: 28 Jul 2023 19:41

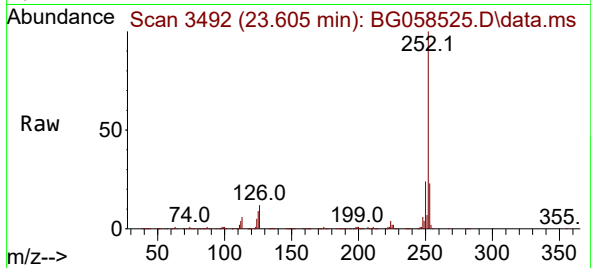
Tgt Ion:252 Resp: 1036330  
 Ion Ratio Lower Upper  
 252 100  
 253 22.4 17.8 26.8  
 125 8.8 6.6 9.8



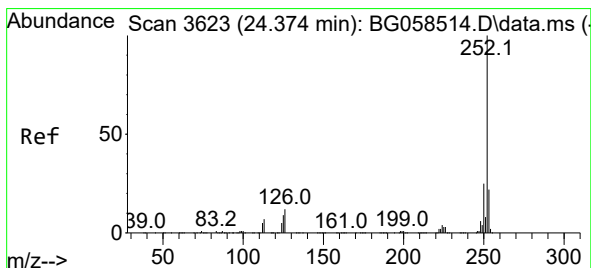
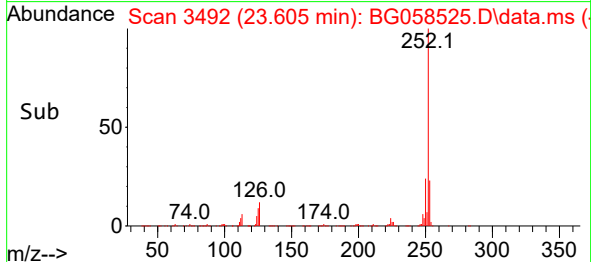
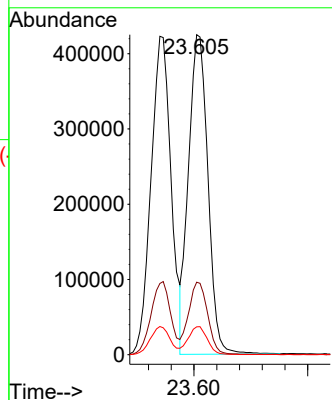


#89  
Benzo(k)fluoranthene  
Concen: 49.813 ng  
RT: 23.605 min Scan# 3493  
Delta R.T. -0.006 min  
Lab File: BG058525.D  
Acq: 28 Jul 2023 19:41

Instrument :  
BNA\_G  
ClientSampleId :

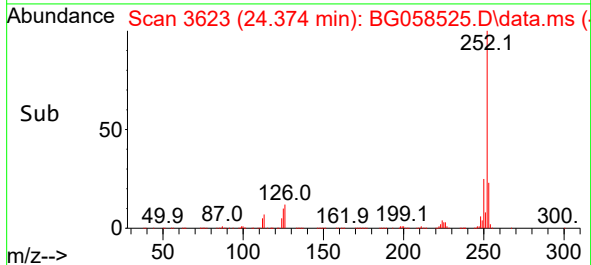
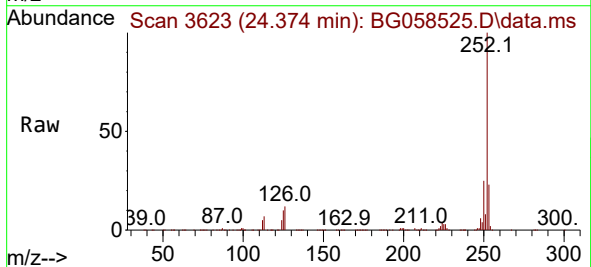
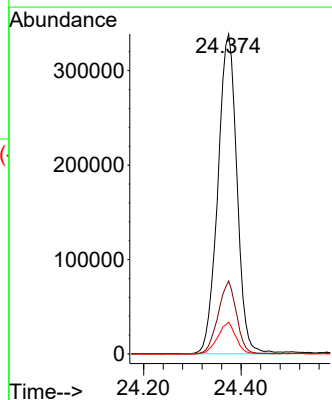


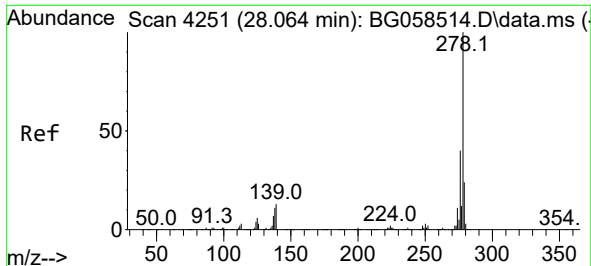
Tgt Ion:252 Resp: 1007766  
Ion Ratio Lower Upper  
252 100  
253 22.6 17.9 26.9  
125 8.7 6.6 10.0



#90  
Benzo(a)pyrene  
Concen: 46.577 ng  
RT: 24.374 min Scan# 3623  
Delta R.T. 0.000 min  
Lab File: BG058525.D  
Acq: 28 Jul 2023 19:41

Tgt Ion:252 Resp: 921162  
Ion Ratio Lower Upper  
252 100  
253 22.8 17.5 26.3  
125 9.9 7.4 11.2

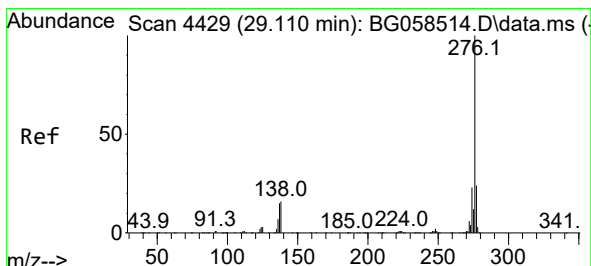
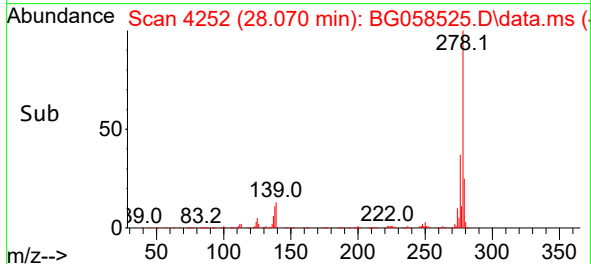
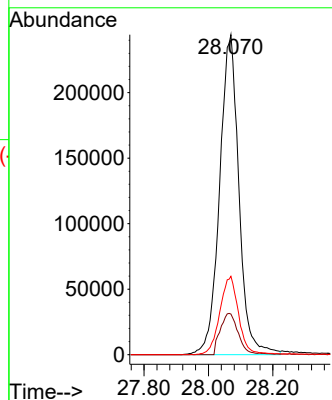
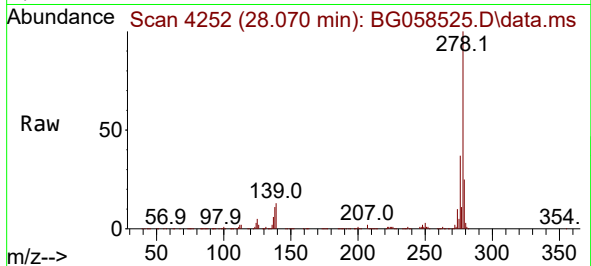




#91  
Dibenzo(a,h)anthracene  
Concen: 49.819 ng  
RT: 28.070 min Scan# 41  
Delta R.T. 0.006 min  
Lab File: BG058525.D  
Acq: 28 Jul 2023 19:41

Instrument :  
BNA\_G  
ClientSampleId :

Tgt Ion:278 Resp: 1017531  
Ion Ratio Lower Upper  
278 100  
139 12.7 10.4 15.6  
279 24.5 19.0 28.6



#92  
Benzo(g,h,i)perylene  
Concen: 49.554 ng  
RT: 29.110 min Scan# 4429  
Delta R.T. 0.000 min  
Lab File: BG058525.D  
Acq: 28 Jul 2023 19:41

Tgt Ion:276 Resp: 1014886  
Ion Ratio Lower Upper  
276 100  
277 23.6 18.9 28.3  
138 16.9 13.0 19.4

