

Data Path : Z:\svoasrv\HPCHEM1\BNA\_G\Data\BG061923\  
 Data File : BG057761.D  
 Acq On : 19 Jun 2023 18:59  
 Operator : CG/JU  
 Sample : SSTDICV040  
 Misc :  
 ALS Vial : 10 Sample Multiplier: 1

Instrument :  
 BNA\_G  
 ClientSampleId :  
 ICBG061923

Quant Time: Jun 20 03:41:37 2023  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_G\Methods\8270-BG061923.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Tue Jun 20 03:40:38 2023  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc   | Units | Dev(Min) |
|-------------------------------|--------|------|----------|--------|-------|----------|
| -----                         |        |      |          |        |       |          |
| Internal Standards            |        |      |          |        |       |          |
| 1) 1,4-Dichlorobenzene-d4     | 7.926  | 152  | 34290    | 20.000 | ng    | 0.00     |
| 21) Naphthalene-d8            | 10.728 | 136  | 148286   | 20.000 | ng    | 0.00     |
| 39) Acenaphthene-d10          | 14.565 | 164  | 108894   | 20.000 | ng    | 0.00     |
| 64) Phenanthrene-d10          | 17.303 | 188  | 265814   | 20.000 | ng    | 0.00     |
| 76) Chrysene-d12              | 21.557 | 240  | 222146   | 20.000 | ng    | 0.00     |
| 86) Perylene-d12              | 24.706 | 264  | 271180   | 20.000 | ng    | 0.00     |
| System Monitoring Compounds   |        |      |          |        |       |          |
| 5) 2-Fluorophenol             | 5.493  | 112  | 177655   | 79.886 | ng    | 0.00     |
| 7) Phenol-d6                  | 7.086  | 99   | 272944   | 80.436 | ng    | 0.00     |
| 23) Nitrobenzene-d5           | 9.089  | 82   | 250550   | 86.718 | ng    | 0.00     |
| 42) 2,4,6-Tribromophenol      | 16.046 | 330  | 132239   | 87.178 | ng    | 0.00     |
| 45) 2-Fluorobiphenyl          | 13.190 | 172  | 572308   | 79.715 | ng    | 0.00     |
| 79) Terphenyl-d14             | 19.918 | 244  | 948491   | 79.615 | ng    | 0.00     |
| Target Compounds              |        |      |          |        |       |          |
|                               |        |      |          |        |       | Qvalue   |
| 2) 1,4-Dioxane                | 3.408  | 88   | 39874    | 39.389 | ng    | 99       |
| 3) Pyridine                   | 3.801  | 79   | 123886   | 40.181 | ng    | 98       |
| 4) n-Nitrosodimethylamine     | 3.719  | 42   | 55209    | 39.189 | ng    | 99       |
| 6) Aniline                    | 7.256  | 93   | 171431   | 39.456 | ng    | 99       |
| 8) 2-Chlorophenol             | 7.491  | 128  | 90534    | 39.572 | ng    | 98       |
| 9) Benzaldehyde               | 7.068  | 77   | 75886    | 35.566 | ng    | 99       |
| 10) Phenol                    | 7.115  | 94   | 132334   | 39.609 | ng    | 98       |
| 11) bis(2-Chloroethyl)ether   | 7.350  | 93   | 102032   | 39.721 | ng    | 99       |
| 12) 1,3-Dichlorobenzene       | 7.820  | 146  | 90988    | 39.079 | ng    | 95       |
| 13) 1,4-Dichlorobenzene       | 7.967  | 146  | 93234    | 39.520 | ng    | 97       |
| 14) 1,2-Dichlorobenzene       | 8.284  | 146  | 89512    | 39.212 | ng    | 93       |
| 15) Benzyl Alcohol            | 8.161  | 79   | 103949   | 40.063 | ng    | 99       |
| 16) 2,2'-oxybis(1-Chloropr... | 8.455  | 45   | 195018   | 39.521 | ng    | 98       |
| 17) 2-Methylphenol            | 8.366  | 107  | 97431    | 39.649 | ng    | 98       |
| 18) Hexachloroethane          | 9.013  | 117  | 33527    | 40.304 | ng    | 93       |
| 19) n-Nitroso-di-n-propyla... | 8.737  | 70   | 95514    | 40.374 | ng    | 97       |
| 20) 3+4-Methylphenols         | 8.695  | 107  | 137526   | 40.516 | ng    | 97       |
| 22) Acetophenone              | 8.748  | 105  | 170036   | 40.891 | ng    | 98       |
| 24) Nitrobenzene              | 9.130  | 77   | 129130   | 42.943 | ng    | 99       |
| 25) Isophorone                | 9.653  | 82   | 273959   | 41.503 | ng    | 98       |
| 26) 2-Nitrophenol             | 9.841  | 139  | 48306    | 50.495 | ng    | 98       |
| 27) 2,4-Dimethylphenol        | 9.900  | 122  | 98852    | 41.736 | ng    | 99       |
| 28) bis(2-Chloroethoxy)met... | 10.135 | 93   | 146260   | 41.144 | ng    | 100      |
| 29) 2,4-Dichlorophenol        | 10.370 | 162  | 94662    | 42.087 | ng    | 100      |
| 30) 1,2,4-Trichlorobenzene    | 10.593 | 180  | 103089   | 41.119 | ng    | 98       |
| 31) Naphthalene               | 10.781 | 128  | 320266   | 40.580 | ng    | 99       |
| 32) Benzoic acid              | 10.029 | 122  | 76498    | 43.868 | ng    | 98       |
| 33) 4-Chloroaniline           | 10.887 | 127  | 154986   | 42.383 | ng    | 97       |
| 34) Hexachlorobutadiene       | 11.069 | 225  | 62033    | 40.556 | ng    | 98       |
| 35) Caprolactam               | 11.663 | 113  | 38105    | 41.750 | ng    | 99       |
| 36) 4-Chloro-3-methylphenol   | 12.003 | 107  | 126650   | 43.116 | ng    | 99       |
| 37) 2-Methylnaphthalene       | 12.391 | 142  | 236242   | 41.067 | ng    | 98       |
| 38) 1-Methylnaphthalene       | 12.609 | 142  | 222083   | 40.897 | ng    | 99       |
| 40) 1,2,4,5-Tetrachloroben... | 12.755 | 216  | 123302   | 40.844 | ng    | 100      |
| 41) Hexachlorocyclopentadiene | 12.738 | 237  | 68438    | 42.701 | ng    | 96       |
| 43) 2,4,6-Trichlorophenol     | 12.990 | 196  | 90374    | 41.809 | ng    | 99       |

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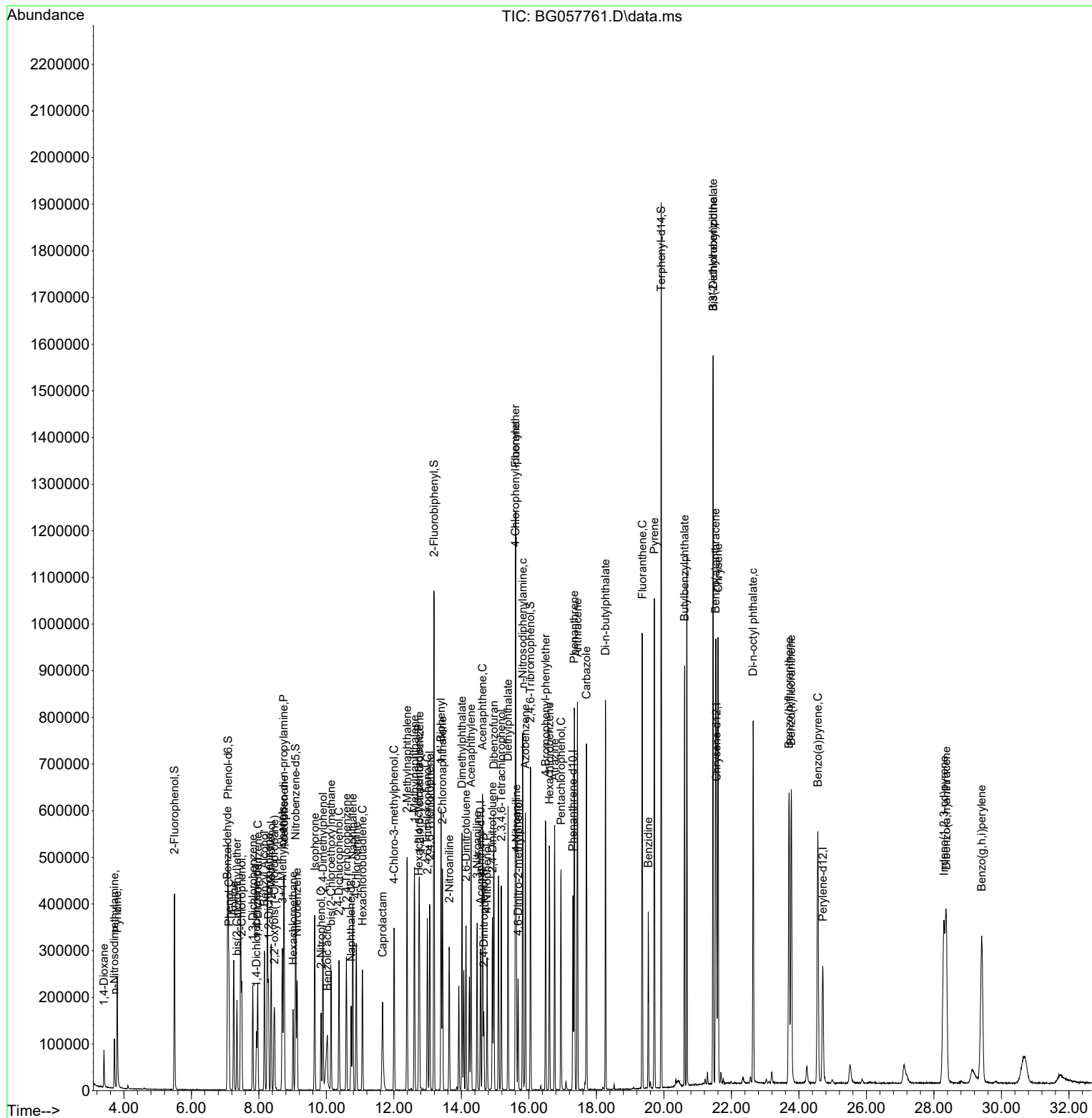
| Compound                      | R.T.   | QIon | Response | Conc   | Units | Dev(Min) |
|-------------------------------|--------|------|----------|--------|-------|----------|
| 44) 2,4,5-Trichlorophenol     | 13.061 | 196  | 108288   | 42.978 | ng    | 94       |
| 46) 1,1'-Biphenyl             | 13.396 | 154  | 300830   | 40.234 | ng    | 97       |
| 47) 2-Chloronaphthalene       | 13.437 | 162  | 230195   | 40.074 | ng    | 99       |
| 48) 2-Nitroaniline            | 13.637 | 65   | 93038    | 45.578 | ng    | 97       |
| 49) Acenaphthylene            | 14.283 | 152  | 402884   | 40.862 | ng    | 99       |
| 50) Dimethylphthalate         | 14.019 | 163  | 342969   | 41.007 | ng    | 100      |
| 51) 2,6-Dinitrotoluene        | 14.136 | 165  | 70544    | 45.803 | ng    | 97       |
| 52) Acenaphthene              | 14.624 | 154  | 251674   | 41.233 | ng    | 97       |
| 53) 3-Nitroaniline            | 14.465 | 138  | 78543    | 45.253 | ng    | 95       |
| 54) 2,4-Dinitrophenol         | 14.665 | 184  | 33144    | 43.108 | ng    | 97       |
| 55) Dibenzofuran              | 14.959 | 168  | 400568   | 40.814 | ng    | 99       |
| 56) 4-Nitrophenol             | 14.759 | 139  | 62708    | 45.461 | ng    | 98       |
| 57) 2,4-Dinitrotoluene        | 14.918 | 165  | 98674    | 47.245 | ng    | 97       |
| 58) Fluorene                  | 15.605 | 166  | 311066   | 40.040 | ng    | 98       |
| 59) 2,3,4,6-Tetrachlorophenol | 15.182 | 232  | 92453    | 43.056 | ng    | 99       |
| 60) Diethylphthalate          | 15.382 | 149  | 354729   | 41.341 | ng    | 99       |
| 61) 4-Chlorophenyl-phenyle... | 15.599 | 204  | 169177   | 40.954 | ng    | 98       |
| 62) 4-Nitroaniline            | 15.629 | 138  | 78842    | 44.557 | ng    | 99       |
| 63) Azobenzene                | 15.893 | 77   | 357583   | 40.741 | ng    | 99       |
| 65) 4,6-Dinitro-2-methylph... | 15.681 | 198  | 50438    | 42.046 | ng    | 99       |
| 66) n-Nitrosodiphenylamine    | 15.817 | 169  | 283660   | 40.433 | ng    | 99       |
| 67) 4-Bromophenyl-phenylether | 16.492 | 248  | 114553   | 40.635 | ng    | 95       |
| 68) Hexachlorobenzene         | 16.610 | 284  | 116899   | 40.677 | ng    | 97       |
| 69) Atrazine                  | 16.763 | 200  | 99020    | 41.116 | ng    | 99       |
| 70) Pentachlorophenol         | 16.951 | 266  | 93611    | 44.091 | ng    | 95       |
| 71) Phenanthrene              | 17.344 | 178  | 514196   | 39.952 | ng    | 100      |
| 72) Anthracene                | 17.438 | 178  | 527765   | 40.158 | ng    | 99       |
| 73) Carbazole                 | 17.703 | 167  | 486785   | 40.172 | ng    | 98       |
| 74) Di-n-butylphthalate       | 18.267 | 149  | 592909   | 41.324 | ng    | 100      |
| 75) Fluoranthene              | 19.359 | 202  | 617144   | 40.251 | ng    | 99       |
| 77) Benzidine                 | 19.536 | 184  | 209690   | 40.268 | ng    | 99       |
| 78) Pyrene                    | 19.718 | 202  | 628163   | 39.640 | ng    | 100      |
| 80) Butylbenzylphthalate      | 20.611 | 149  | 255043   | 42.308 | ng    | 96       |
| 81) Benzo(a)anthracene        | 21.533 | 228  | 615215   | 40.365 | ng    | 99       |
| 82) 3,3'-Dichlorobenzidine    | 21.457 | 252  | 216530   | 41.770 | ng    | 98       |
| 83) Chrysene                  | 21.604 | 228  | 585927   | 40.058 | ng    | 99       |
| 84) Bis(2-ethylhexyl)phtha... | 21.457 | 149  | 361327   | 41.284 | ng    | 99       |
| 85) Di-n-octyl phthalate      | 22.644 | 149  | 641184   | 41.767 | ng    | 99       |
| 87) Indeno(1,2,3-cd)pyrene    | 28.296 | 276  | 729462   | 41.143 | ng    | # 93     |
| 88) Benzo(b)fluoranthene      | 23.707 | 252  | 603139   | 40.587 | ng    | 99       |
| 89) Benzo(k)fluoranthene      | 23.772 | 252  | 621042   | 41.034 | ng    | 100      |
| 90) Benzo(a)pyrene            | 24.559 | 252  | 596987   | 40.905 | ng    | 99       |
| 91) Dibenzo(a,h)anthracene    | 28.367 | 278  | 608405   | 41.357 | ng    | 99       |
| 92) Benzo(g,h,i)perylene      | 29.412 | 276  | 602269   | 40.888 | ng    | 99       |

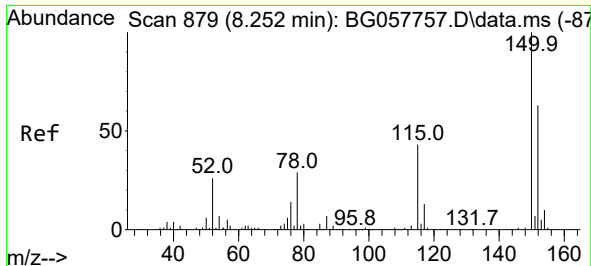
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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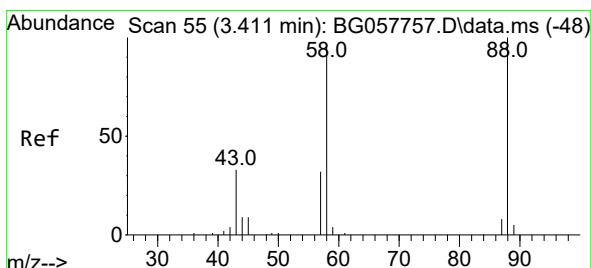
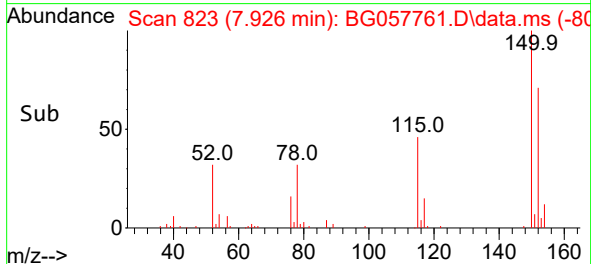
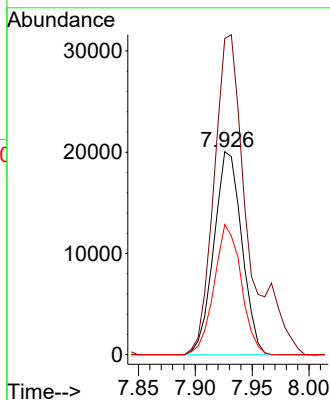
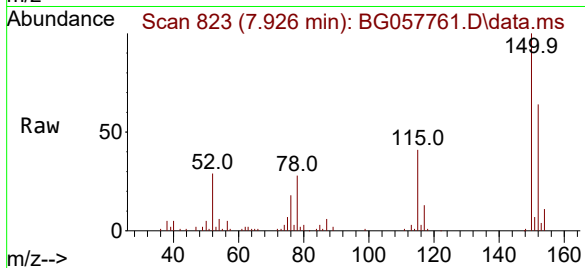




#1  
 1,4-Dichlorobenzene-d4  
 Concen: 20.000 ng  
 RT: 7.926 min Scan# 81  
 Delta R.T. -0.003 min  
 Lab File: BG057761.D  
 Acq: 19 Jun 2023 18:59

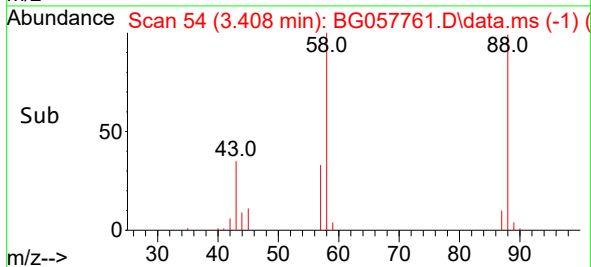
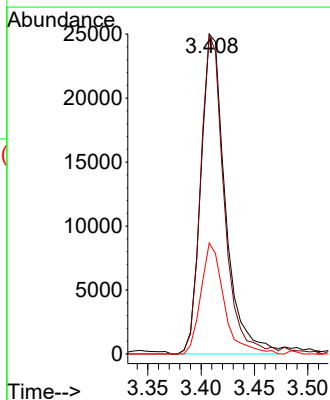
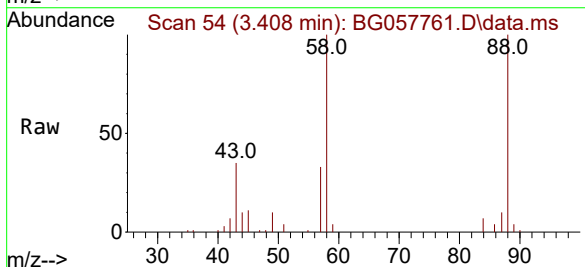
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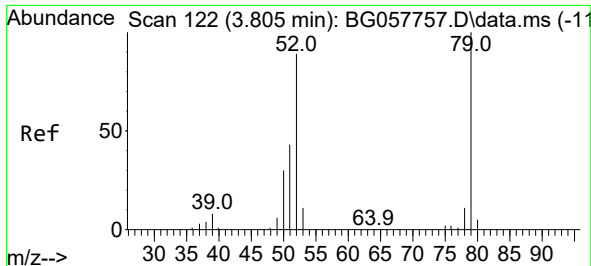
Tgt Ion:152 Resp: 34290  
 Ion Ratio Lower Upper  
 152 100  
 150 155.7 126.6 189.8  
 115 64.0 48.9 73.3



#2  
 1,4-Dioxane  
 Concen: 39.389 ng  
 RT: 3.408 min Scan# 54  
 Delta R.T. -0.003 min  
 Lab File: BG057761.D  
 Acq: 19 Jun 2023 18:59

Tgt Ion: 88 Resp: 39874  
 Ion Ratio Lower Upper  
 88 100  
 58 96.9 76.2 114.4  
 43 32.9 26.3 39.5

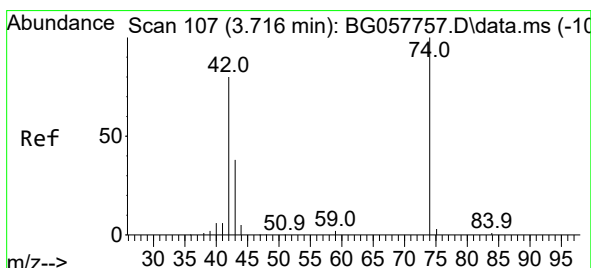
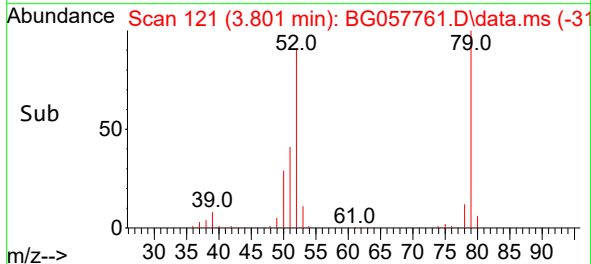
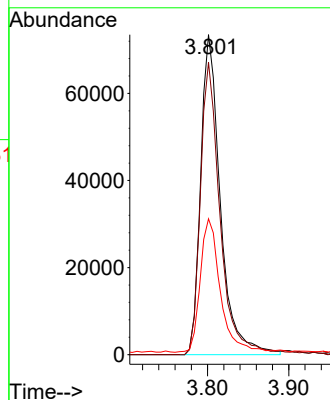
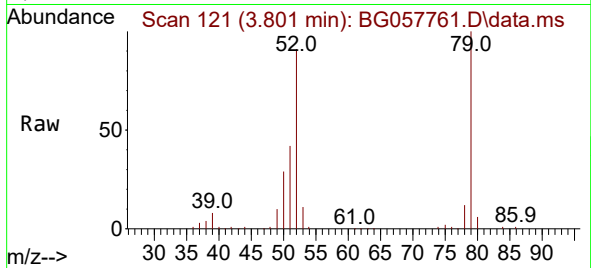




#3  
Pyridine  
Concen: 40.181 ng  
RT: 3.801 min Scan# 11  
Delta R.T. -0.003 min  
Lab File: BG057761.D  
Acq: 19 Jun 2023 18:59

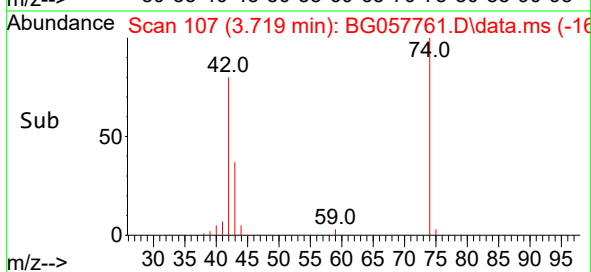
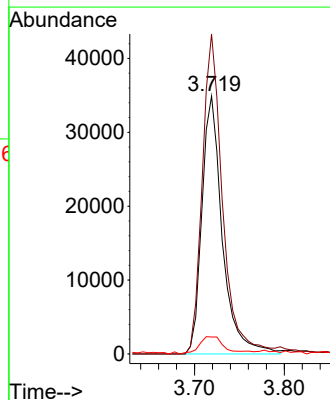
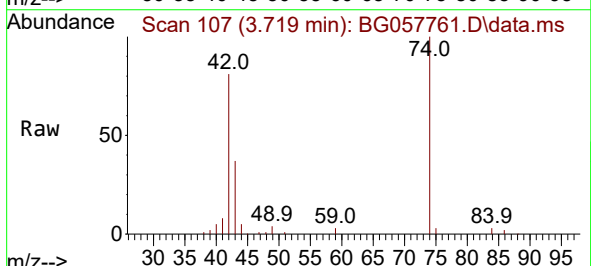
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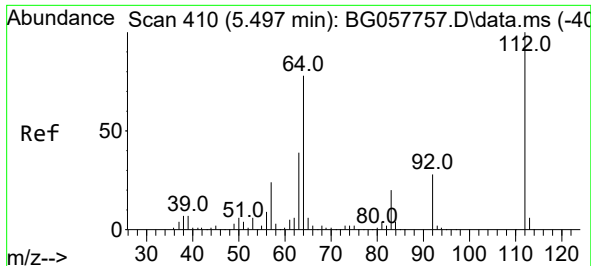
Tgt Ion: 79 Resp: 123886  
Ion Ratio Lower Upper  
79 100  
52 91.3 71.4 107.0  
51 42.4 34.9 52.3



#4  
n-Nitrosodimethylamine  
Concen: 39.189 ng  
RT: 3.719 min Scan# 107  
Delta R.T. 0.003 min  
Lab File: BG057761.D  
Acq: 19 Jun 2023 18:59

Tgt Ion: 42 Resp: 55209  
Ion Ratio Lower Upper  
42 100  
74 124.1 99.9 149.9  
44 6.6 6.0 9.0

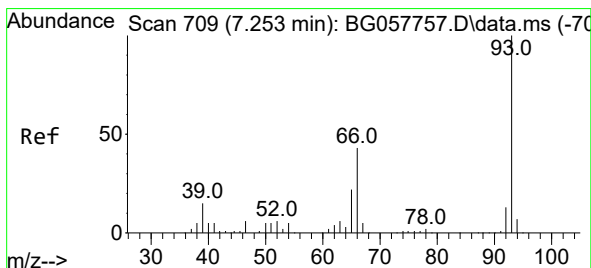
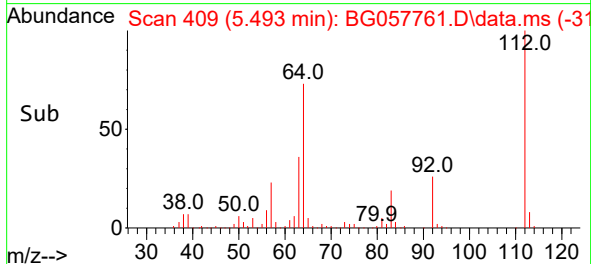
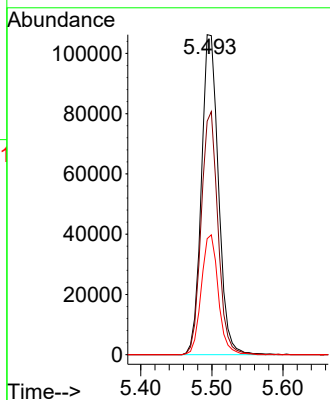
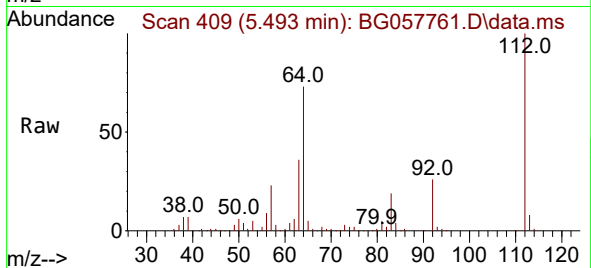




#5  
2-Fluorophenol  
Concen: 79.886 ng  
RT: 5.493 min Scan# 409  
Delta R.T. -0.003 min  
Lab File: BG057761.D  
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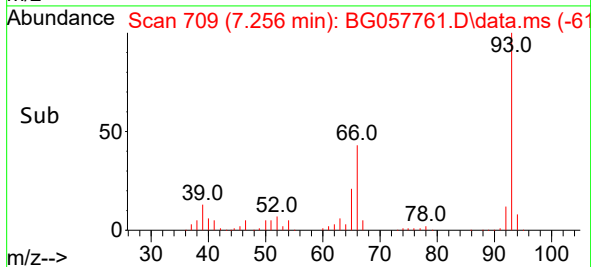
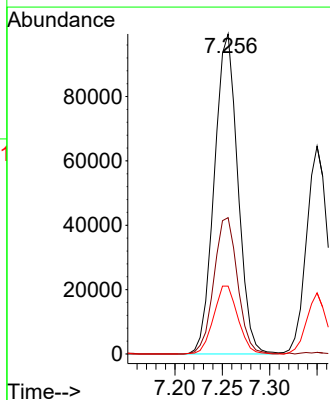
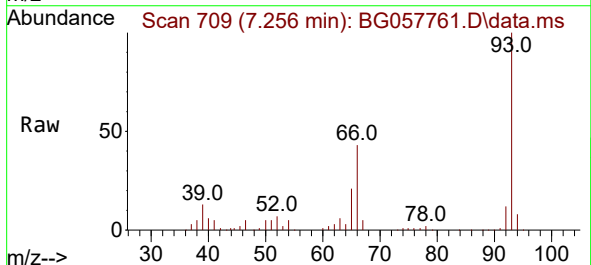
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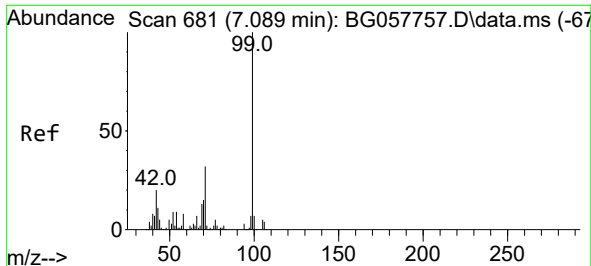
Tgt Ion:112 Resp: 177655  
Ion Ratio Lower Upper  
112 100  
64 73.0 62.1 93.1  
63 36.2 31.5 47.3



#6  
Aniline  
Concen: 39.456 ng  
RT: 7.256 min Scan# 709  
Delta R.T. 0.003 min  
Lab File: BG057761.D  
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Tgt Ion: 93 Resp: 171431  
Ion Ratio Lower Upper  
93 100  
66 42.6 34.5 51.7  
65 21.2 17.4 26.2





#7

Phenol-d6

Concen: 80.436 ng

RT: 7.086 min Scan# 61

Delta R.T. -0.003 min

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Instrument :

BNA\_G

ClientSampleId :

ICVBG061923

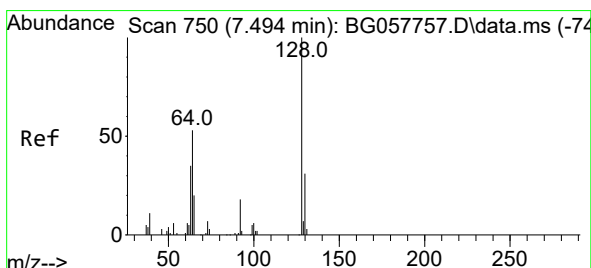
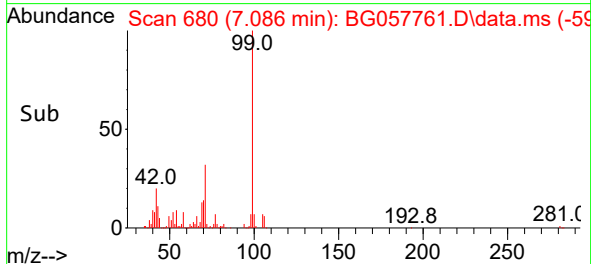
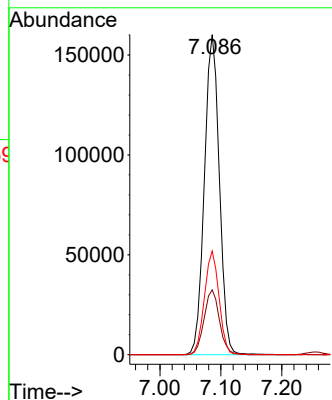
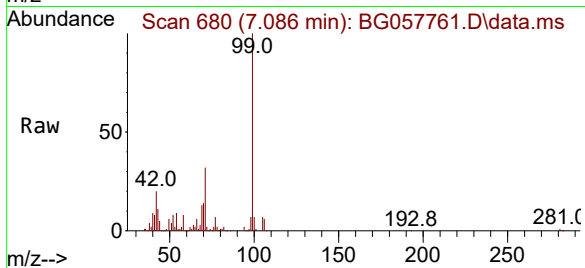
Tgt Ion: 99 Resp: 272944

Ion Ratio Lower Upper

99 100

42 20.2 16.4 24.6

71 32.4 25.8 38.6



#8

2-Chlorophenol

Concen: 39.572 ng

RT: 7.491 min Scan# 749

Delta R.T. -0.003 min

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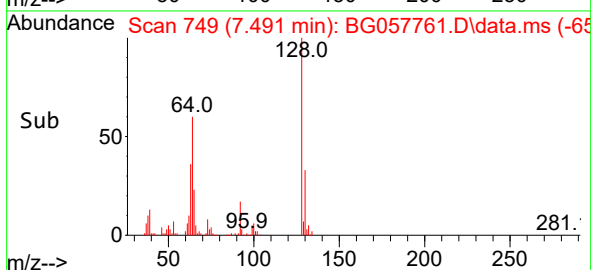
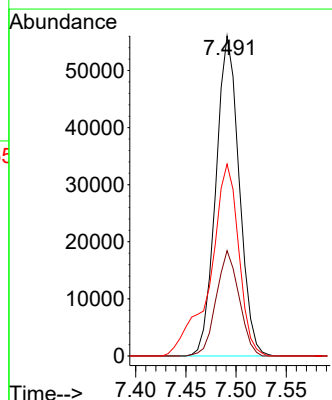
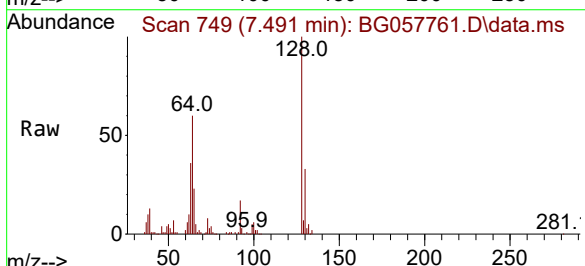
Tgt Ion:128 Resp: 90534

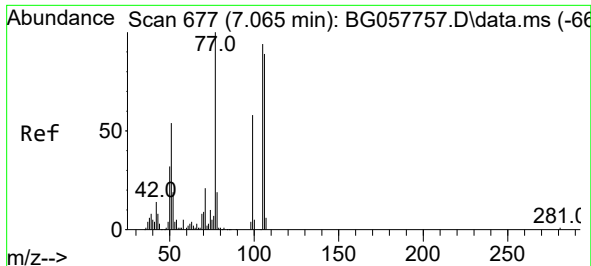
Ion Ratio Lower Upper

128 100

130 32.9 10.6 50.6

64 60.0 39.1 79.1

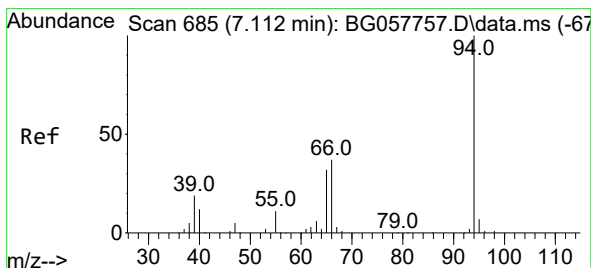
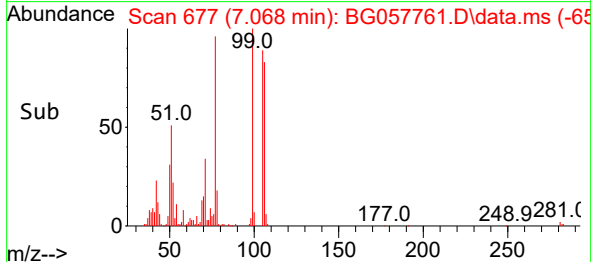
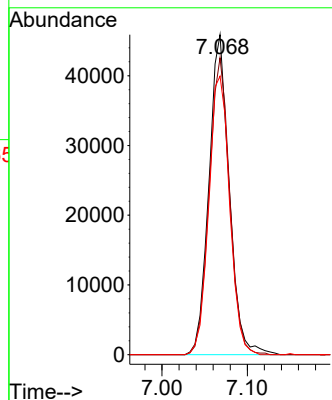
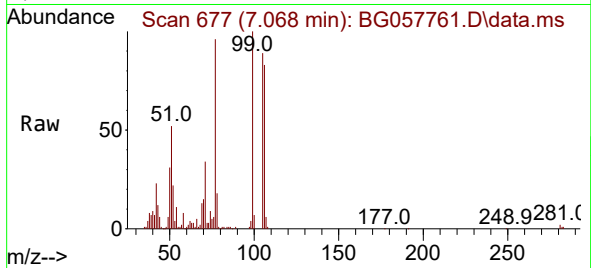




#9  
Benzaldehyde  
Concen: 35.566 ng  
RT: 7.068 min Scan# 61  
Delta R.T. 0.003 min  
Lab File: BG057761.D  
Acq: 19 Jun 2023 18:59

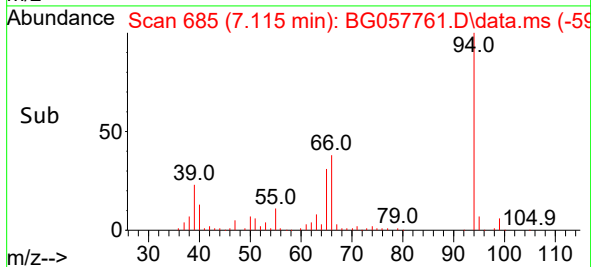
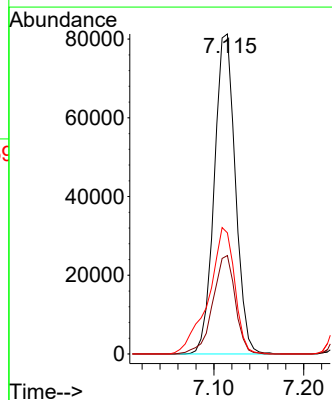
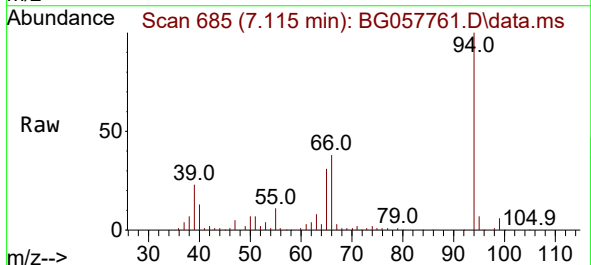
Instrument :  
BNA\_G  
ClientSampleId :  
ICVBG061923

Tgt Ion: 77 Resp: 75886  
Ion Ratio Lower Upper  
77 100  
105 92.8 73.7 113.7  
106 87.1 69.0 109.0

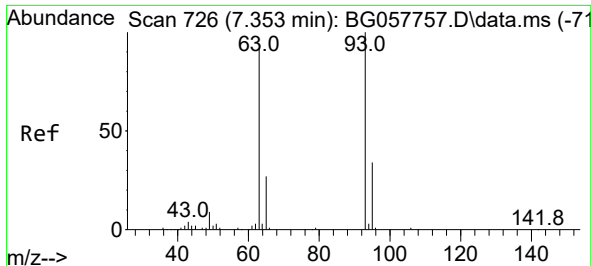


#10  
Phenol  
Concen: 39.609 ng  
RT: 7.115 min Scan# 685  
Delta R.T. 0.003 min  
Lab File: BG057761.D  
Acq: 19 Jun 2023 18:59

Tgt Ion: 94 Resp: 132334  
Ion Ratio Lower Upper  
94 100  
65 30.7 12.2 52.2  
66 37.8 18.3 58.3



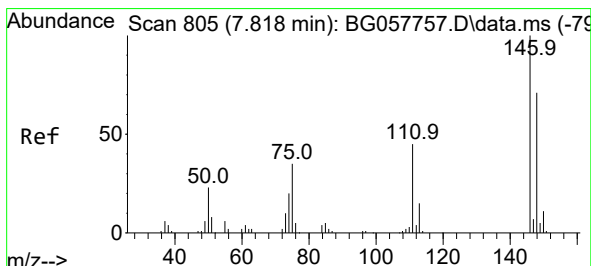
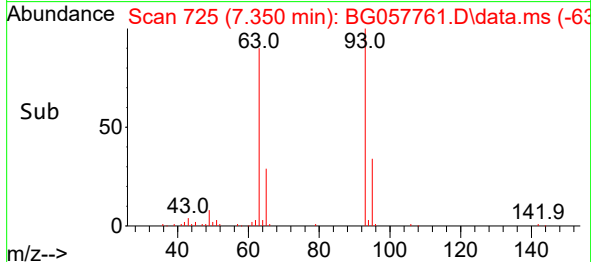
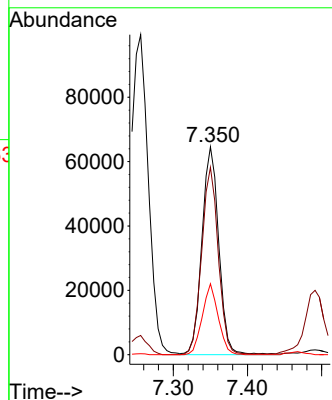
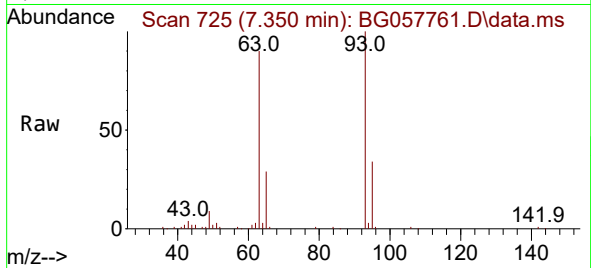




#11  
bis(2-Chloroethyl)ether  
Concen: 39.721 ng  
RT: 7.350 min Scan# 726  
Delta R.T. -0.003 min  
Lab File: BG057761.D  
Acq: 19 Jun 2023 18:59

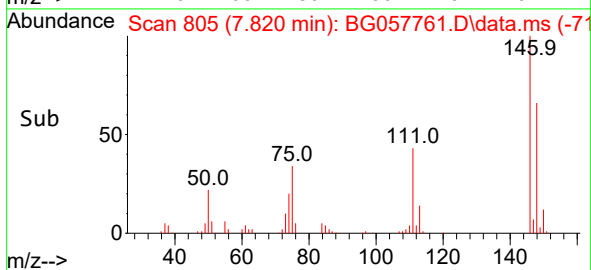
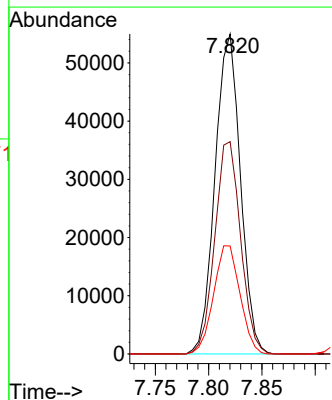
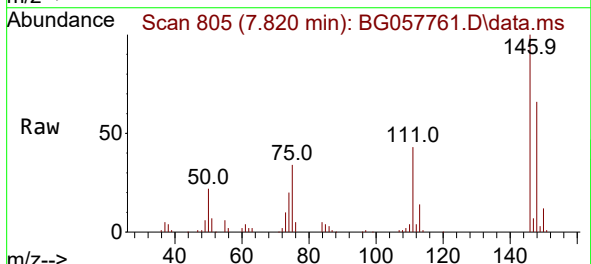
Instrument :  
BNA\_G  
ClientSampleId :  
ICVBG061923

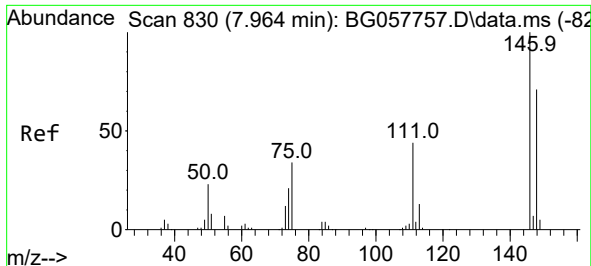
Tgt Ion: 93 Resp: 102032  
Ion Ratio Lower Upper  
93 100  
63 90.1 71.2 111.2  
95 34.1 14.2 54.2



#12  
1,3-Dichlorobenzene  
Concen: 39.079 ng  
RT: 7.820 min Scan# 805  
Delta R.T. 0.003 min  
Lab File: BG057761.D  
Acq: 19 Jun 2023 18:59

Tgt Ion:146 Resp: 90988  
Ion Ratio Lower Upper  
146 100  
148 66.4 57.0 85.6  
75 33.8 27.8 41.8





#13

1,4-Dichlorobenzene

Concen: 39.520 ng

RT: 7.967 min Scan# 81

Delta R.T. 0.003 min

Lab File: BG057761.D

Acq: 19 Jun 2023 18:59

Instrument :

BNA\_G

ClientSampleId :

ICVBG061923

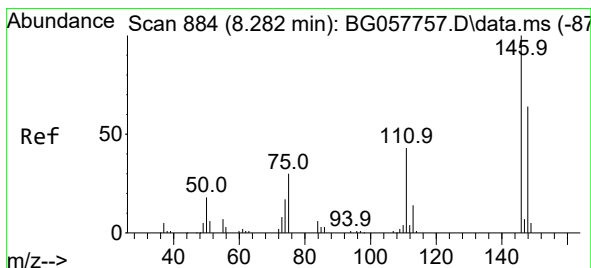
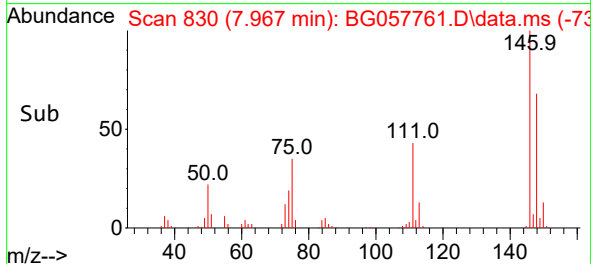
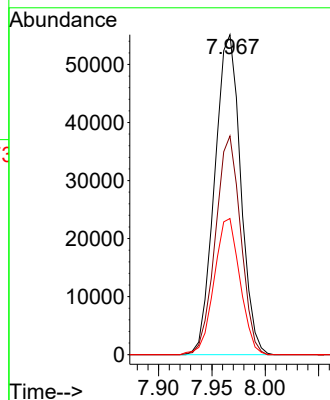
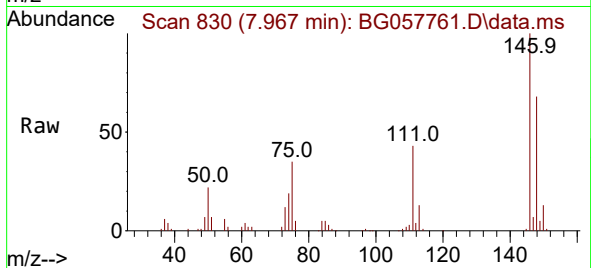
Tgt Ion:146 Resp: 93234

Ion Ratio Lower Upper

146 100

148 68.3 57.0 85.4

111 42.5 35.1 52.7



#14

1,2-Dichlorobenzene

Concen: 39.212 ng

RT: 8.284 min Scan# 884

Delta R.T. 0.003 min

Lab File: BG057761.D

Acq: 19 Jun 2023 18:59

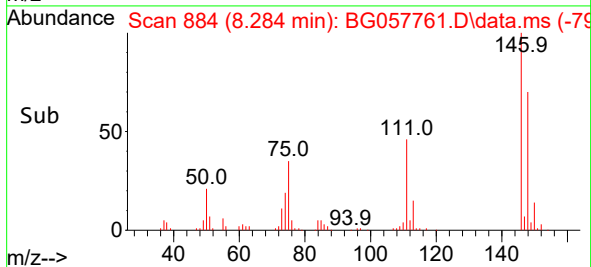
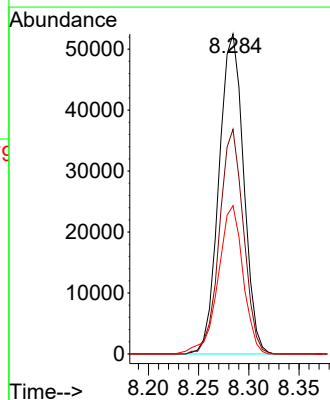
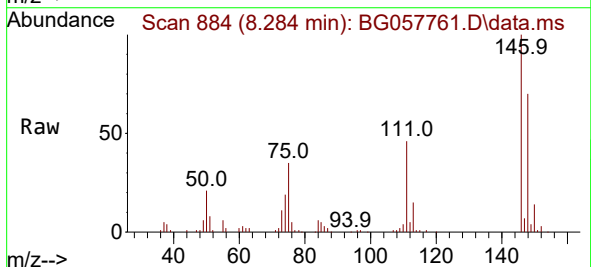
Tgt Ion:146 Resp: 89512

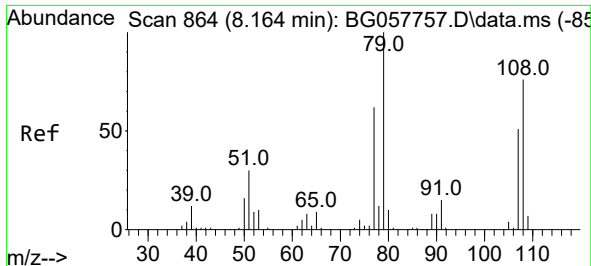
Ion Ratio Lower Upper

146 100

148 70.2 51.0 76.6

111 46.4 34.9 52.3

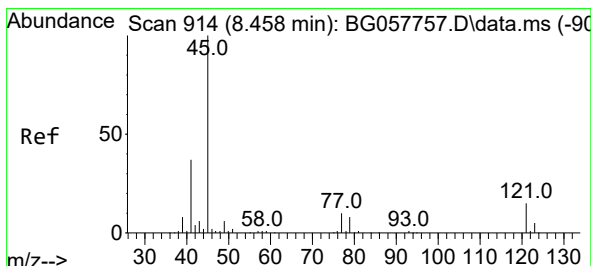
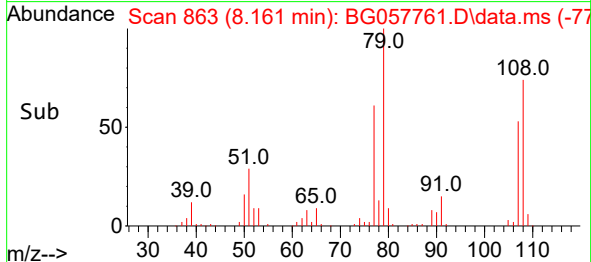
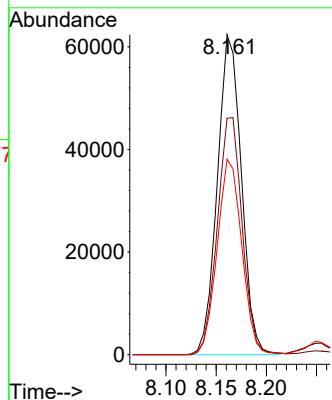
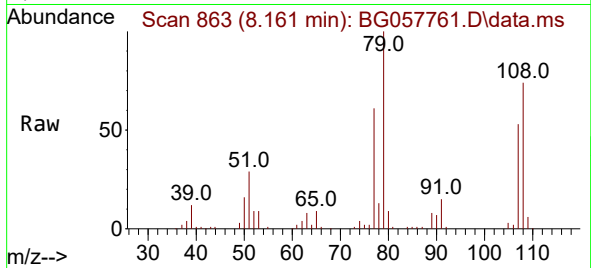




#15  
Benzyl Alcohol  
Concen: 40.063 ng  
RT: 8.161 min Scan# 80  
Delta R.T. -0.003 min  
Lab File: BG057761.D  
Acq: 19 Jun 2023 18:59

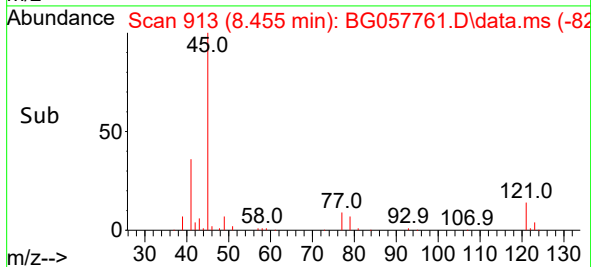
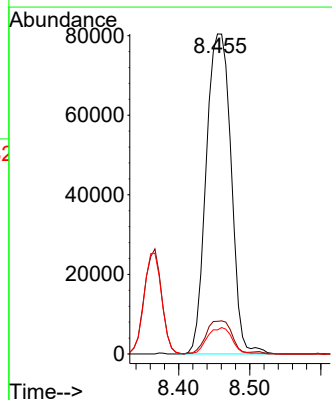
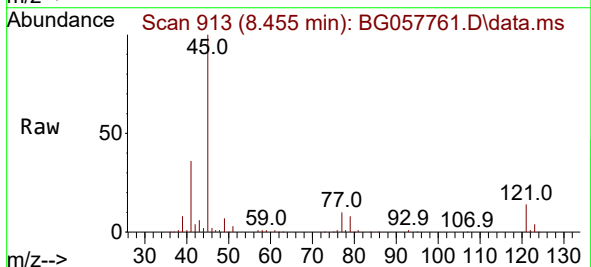
Instrument :  
BNA\_G  
ClientSampleId :  
ICVBG061923

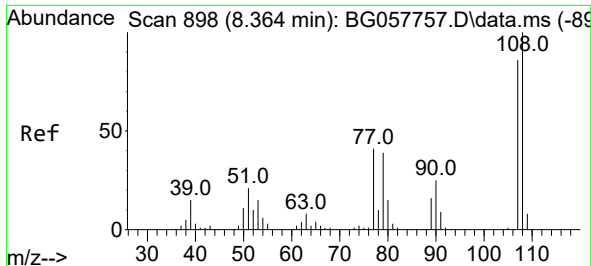
Tgt Ion: 79 Resp: 103949  
Ion Ratio Lower Upper  
79 100  
108 73.9 60.5 90.7  
77 61.1 49.3 73.9



#16  
2,2'-oxybis(1-Chloropropane)  
Concen: 39.521 ng  
RT: 8.455 min Scan# 913  
Delta R.T. -0.003 min  
Lab File: BG057761.D  
Acq: 19 Jun 2023 18:59

Tgt Ion: 45 Resp: 195018  
Ion Ratio Lower Upper  
45 100  
77 10.2 0.0 30.6  
79 7.5 0.0 28.3

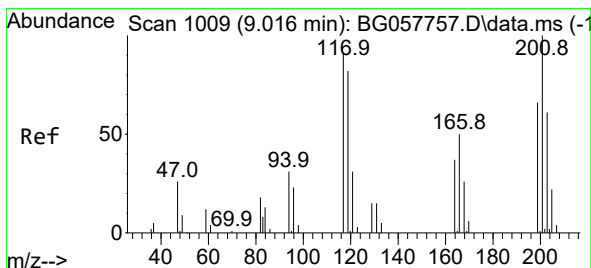
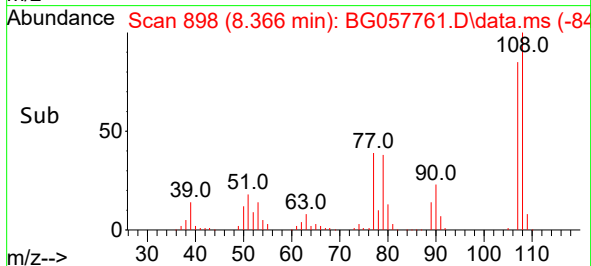
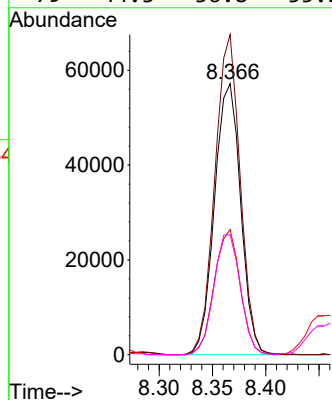
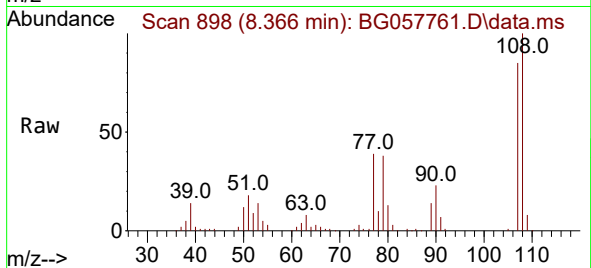




#17  
2-Methylphenol  
Concen: 39.649 ng  
RT: 8.366 min Scan# 898  
Delta R.T. 0.003 min  
Lab File: BG057761.D  
Acq: 19 Jun 2023 18:59

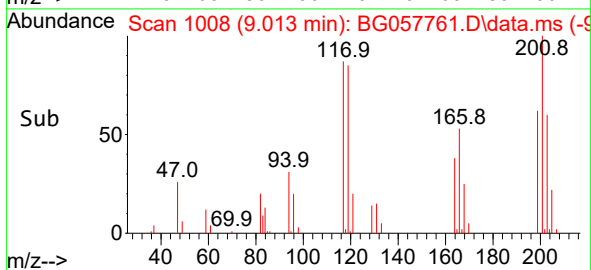
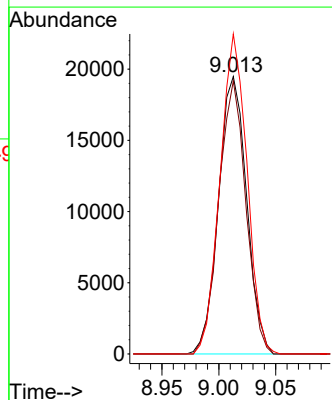
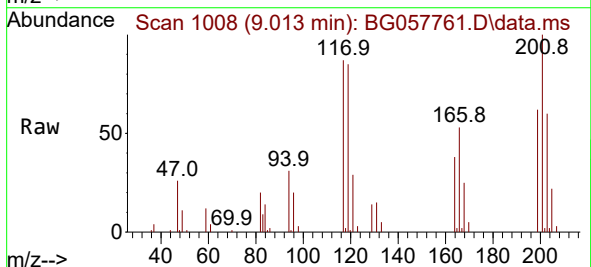
Instrument :  
BNA\_G  
ClientSampleId :  
ICVBG061923

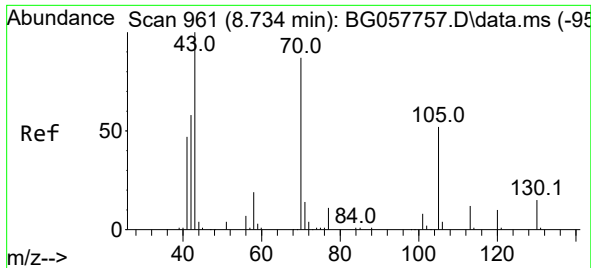
|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 107   | Resp: | 97431 |
| Ion      | Ratio | Lower | Upper |
| 107      | 100   |       |       |
| 108      | 118.1 | 93.2  | 139.8 |
| 77       | 46.2  | 37.8  | 56.8  |
| 79       | 44.3  | 36.8  | 55.2  |



#18  
Hexachloroethane  
Concen: 40.304 ng  
RT: 9.013 min Scan# 1008  
Delta R.T. -0.003 min  
Lab File: BG057761.D  
Acq: 19 Jun 2023 18:59

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 117   | Resp: | 33527 |
| Ion      | Ratio | Lower | Upper |
| 117      | 100   |       |       |
| 119      | 98.4  | 72.3  | 108.5 |
| 201      | 115.4 | 87.8  | 131.8 |



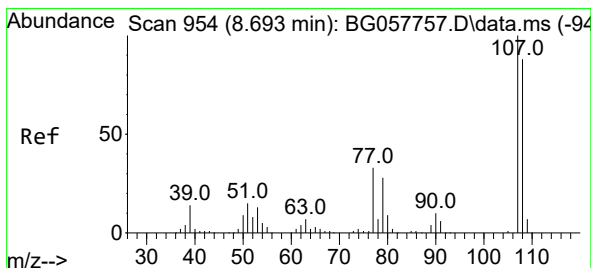
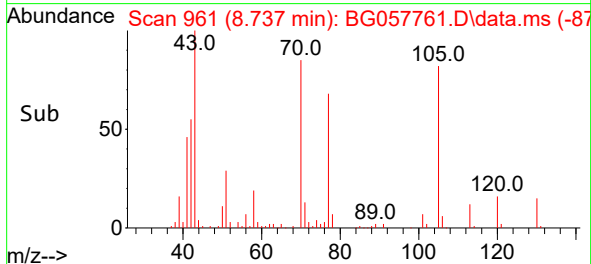
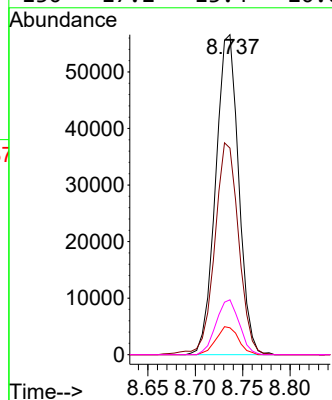
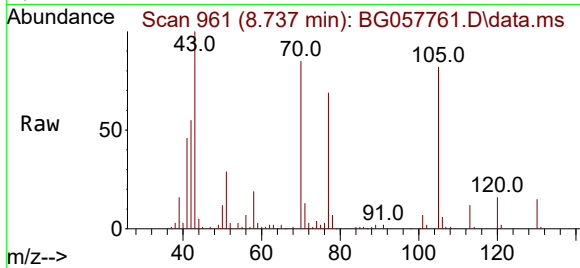


#19  
n-Nitroso-di-n-propylamine  
Concen: 40.374 ng  
RT: 8.737 min Scan# 961  
Delta R.T. 0.003 min  
Lab File: BG057761.D  
Acq: 19 Jun 2023 18:59

Instrument :  
BNA\_G  
ClientSampleId :  
ICVBG061923

Tgt Ion: 70 Resp: 95514

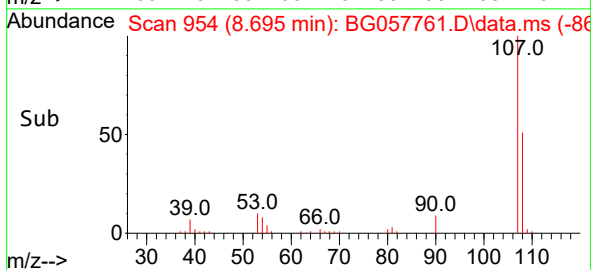
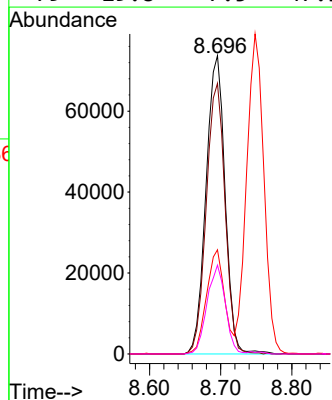
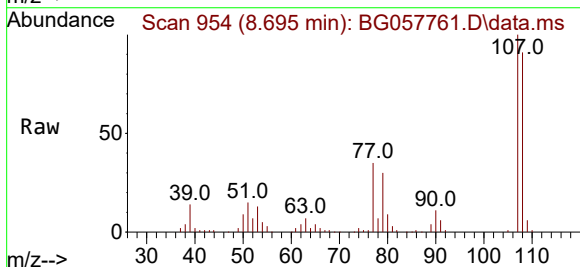
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 70  | 100   |       |       |
| 42  | 64.6  | 54.2  | 81.2  |
| 101 | 8.4   | 7.4   | 11.0  |
| 130 | 17.2  | 13.4  | 20.0  |

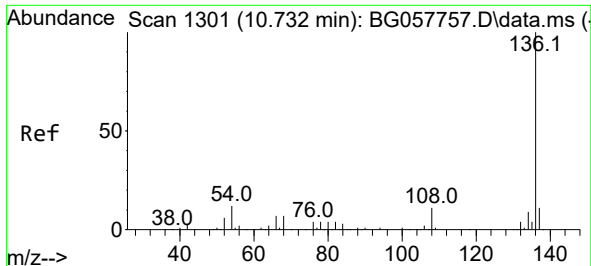


#20  
3+4-Methylphenols  
Concen: 40.516 ng  
RT: 8.695 min Scan# 954  
Delta R.T. 0.003 min  
Lab File: BG057761.D  
Acq: 19 Jun 2023 18:59

Tgt Ion: 107 Resp: 137526

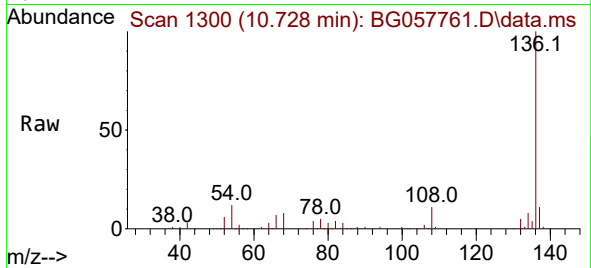
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 107 | 100   |       |       |
| 108 | 90.7  | 67.7  | 107.7 |
| 77  | 34.9  | 13.3  | 53.3  |
| 79  | 29.8  | 7.5   | 47.5  |



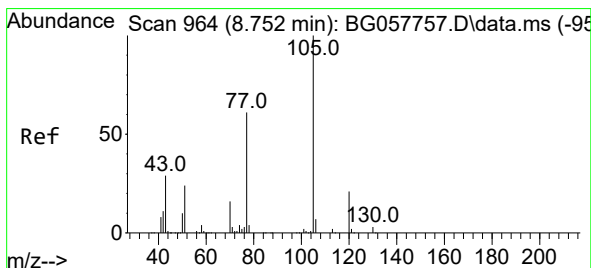
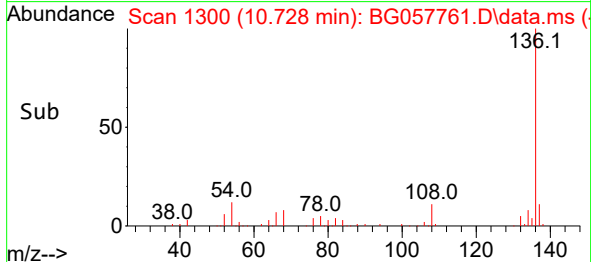
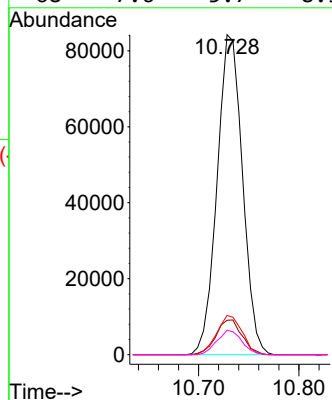


#21  
Naphthalene-d8  
Concen: 20.000 ng  
RT: 10.728 min Scan# 11  
Delta R.T. -0.003 min  
Lab File: BG057761.D  
Acq: 19 Jun 2023 18:59

Instrument :  
BNA\_G  
ClientSampleId :  
ICVBG061923

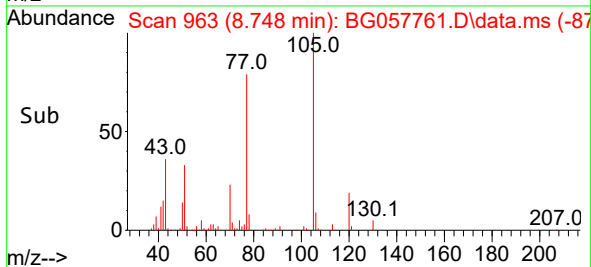
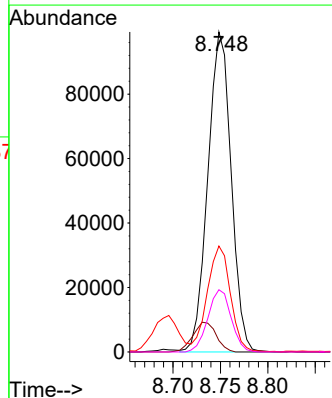
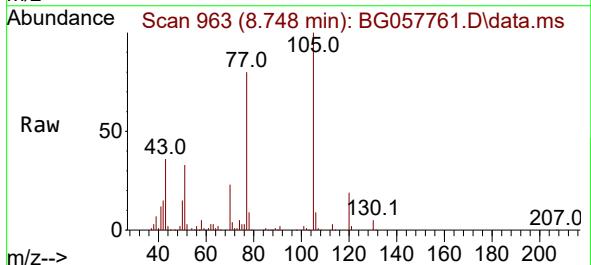


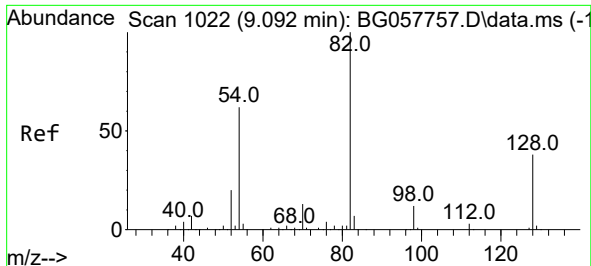
Tgt Ion:136 Resp: 148286  
Ion Ratio Lower Upper  
136 100  
137 10.8 8.5 12.7  
54 12.3 9.5 14.3  
68 7.6 5.7 8.5



#22  
Acetophenone  
Concen: 40.891 ng  
RT: 8.748 min Scan# 963  
Delta R.T. -0.003 min  
Lab File: BG057761.D  
Acq: 19 Jun 2023 18:59

Tgt Ion:105 Resp: 170036  
Ion Ratio Lower Upper  
105 100  
71 3.5 2.4 3.6  
51 33.1 25.9 38.9  
120 19.5 16.7 25.1





#23

Nitrobenzene-d5

Concen: 86.718 ng

RT: 9.089 min Scan# 1021

Delta R.T. -0.003 min

Lab File: BG057761.D

Acq: 19 Jun 2023 18:59

Instrument :

BNA\_G

ClientSampleId :

ICVBG061923

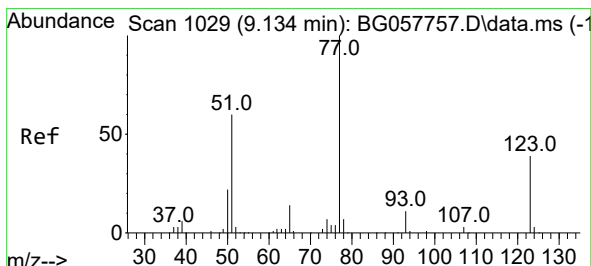
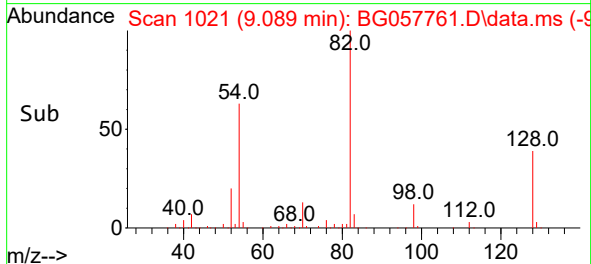
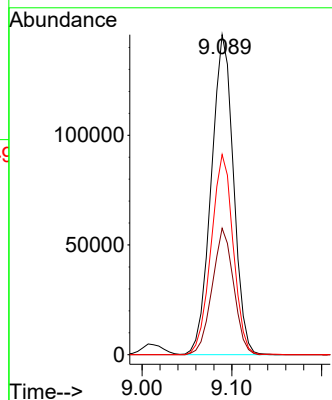
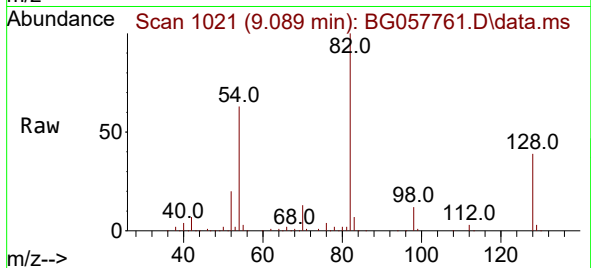
Tgt Ion: 82 Resp: 250550

Ion Ratio Lower Upper

82 100

128 39.5 30.7 46.1

54 62.5 49.6 74.4



#24

Nitrobenzene

Concen: 42.943 ng

RT: 9.130 min Scan# 1028

Delta R.T. -0.004 min

Lab File: BG057761.D

Acq: 19 Jun 2023 18:59

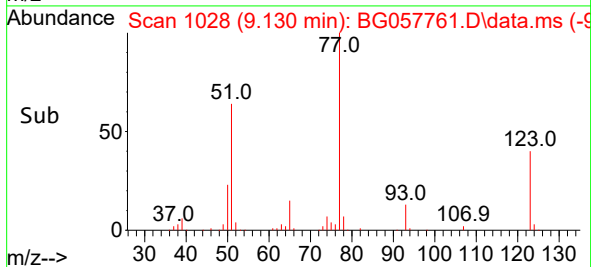
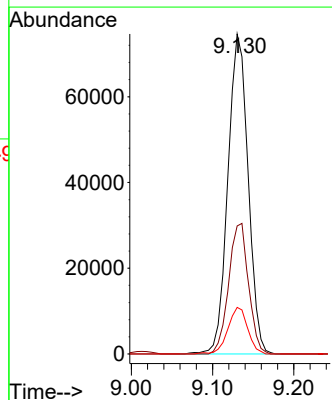
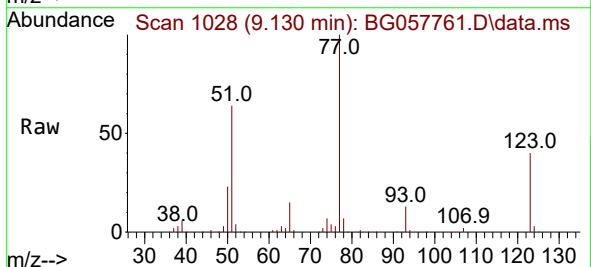
Tgt Ion: 77 Resp: 129130

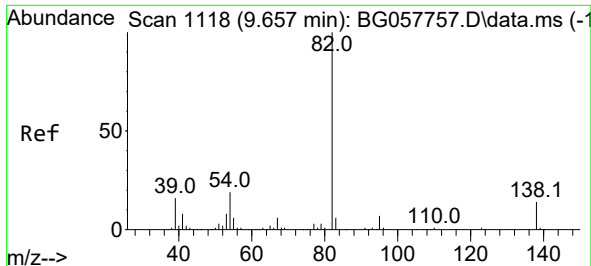
Ion Ratio Lower Upper

77 100

123 40.0 31.4 47.2

65 14.5 11.2 16.8

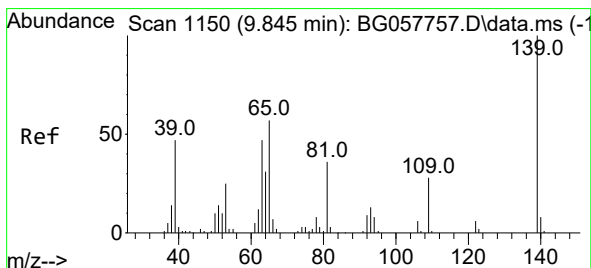
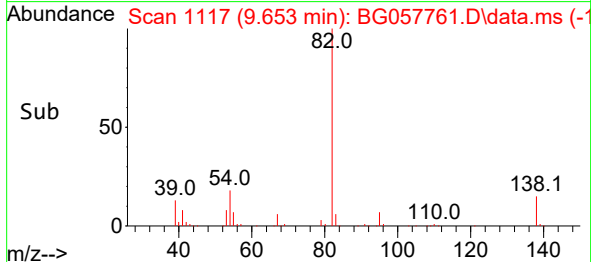
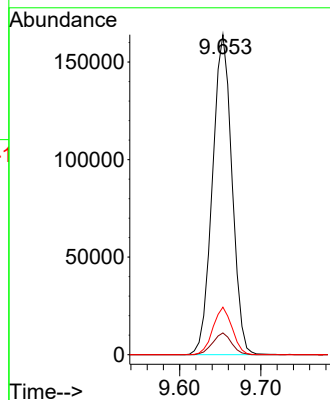
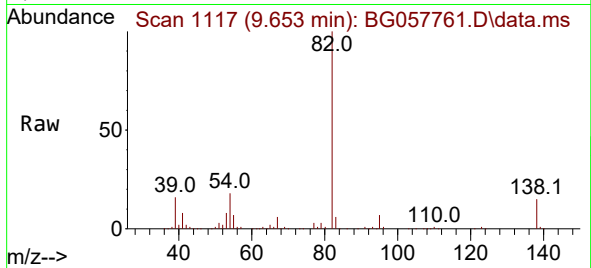




#25  
Isophorone  
Concen: 41.503 ng  
RT: 9.653 min Scan# 1117  
Delta R.T. -0.003 min  
Lab File: BG057761.D  
Acq: 19 Jun 2023 18:59

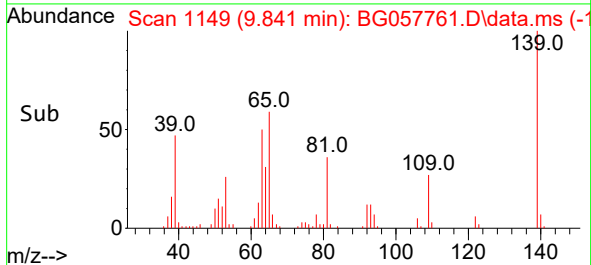
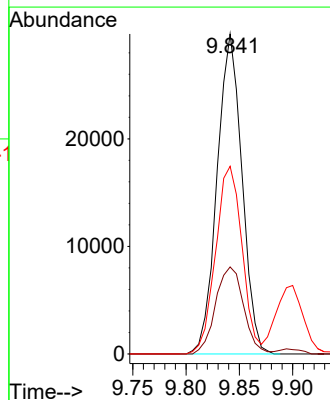
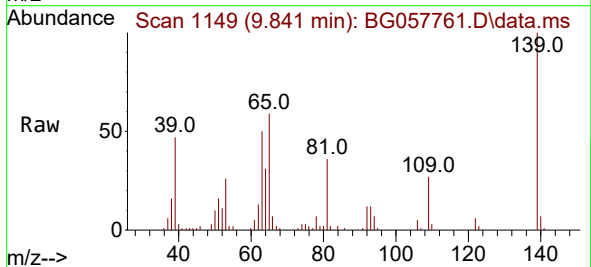
Instrument :  
BNA\_G  
ClientSampleId :  
ICVBG061923

Tgt Ion: 82 Resp: 273959  
Ion Ratio Lower Upper  
82 100  
95 6.8 5.2 7.8  
138 14.8 11.1 16.7

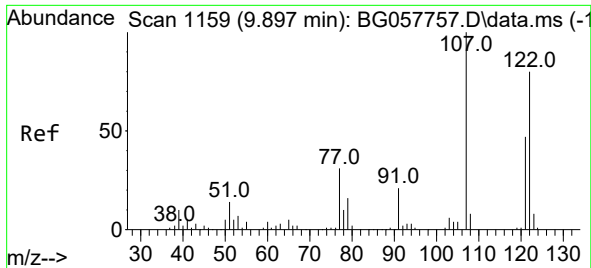


#26  
2-Nitrophenol  
Concen: 50.495 ng  
RT: 9.841 min Scan# 1149  
Delta R.T. -0.004 min  
Lab File: BG057761.D  
Acq: 19 Jun 2023 18:59

Tgt Ion:139 Resp: 48306  
Ion Ratio Lower Upper  
139 100  
109 27.2 22.5 33.7  
65 58.7 45.5 68.3



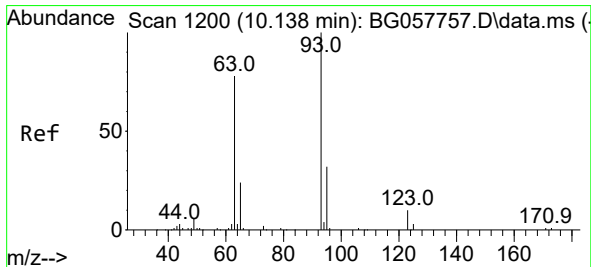
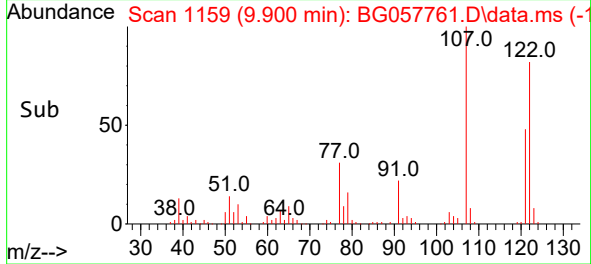
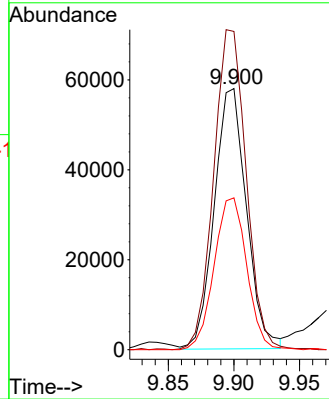
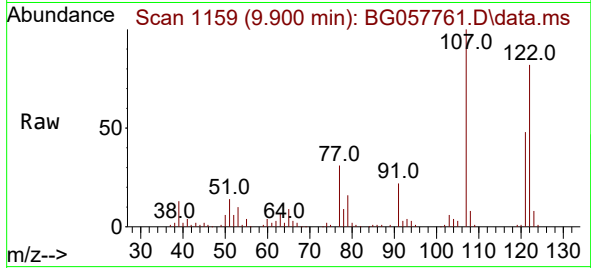




#27  
2,4-Dimethylphenol  
Concen: 41.736 ng  
RT: 9.900 min Scan# 1159  
Delta R.T. 0.003 min  
Lab File: BG057761.D  
Acq: 19 Jun 2023 18:59

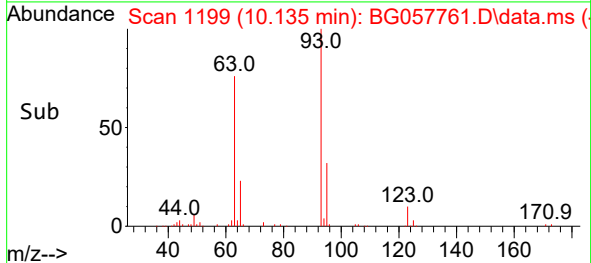
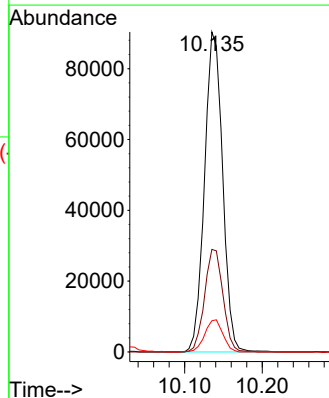
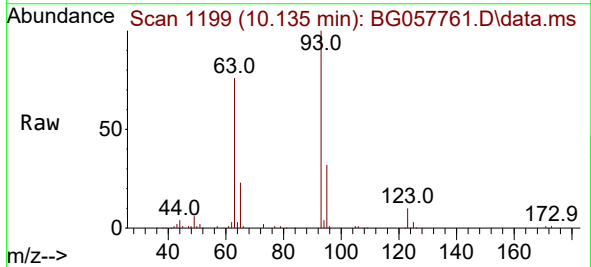
Instrument :  
BNA\_G  
ClientSampleId :  
ICVBG061923

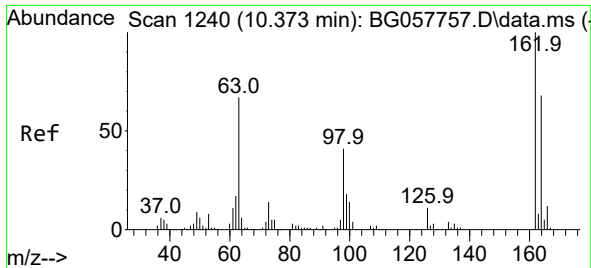
Tgt Ion:122 Resp: 98852  
Ion Ratio Lower Upper  
122 100  
107 121.9 98.9 148.3  
121 58.1 46.4 69.6



#28  
bis(2-Chloroethoxy)methane  
Concen: 41.144 ng  
RT: 10.135 min Scan# 1199  
Delta R.T. -0.003 min  
Lab File: BG057761.D  
Acq: 19 Jun 2023 18:59

Tgt Ion: 93 Resp: 146260  
Ion Ratio Lower Upper  
93 100  
95 32.0 25.6 38.4  
123 9.7 8.2 12.2

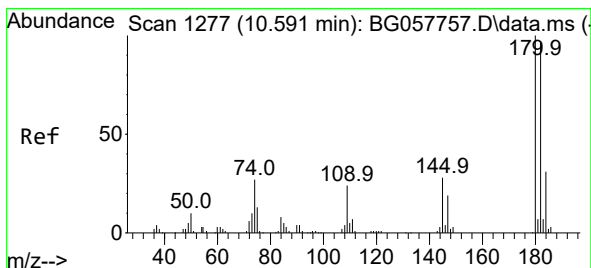
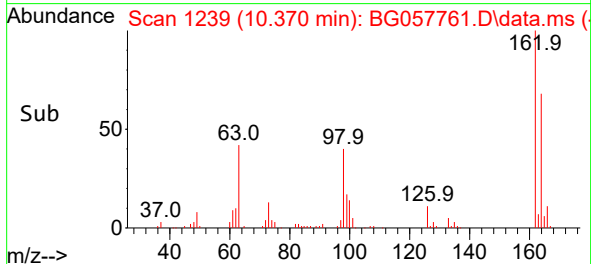
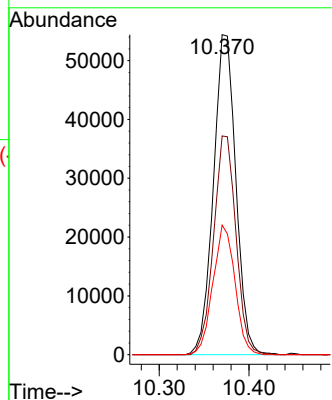
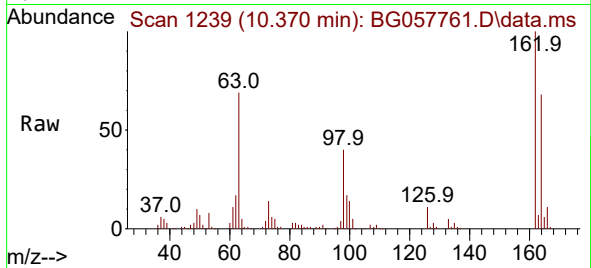




#29  
2,4-Dichlorophenol  
Concen: 42.087 ng  
RT: 10.370 min Scan# 11  
Delta R.T. -0.003 min  
Lab File: BG057761.D  
Acq: 19 Jun 2023 18:59

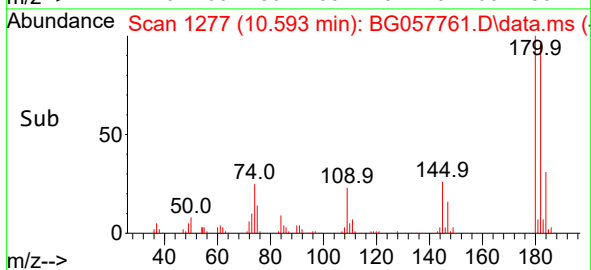
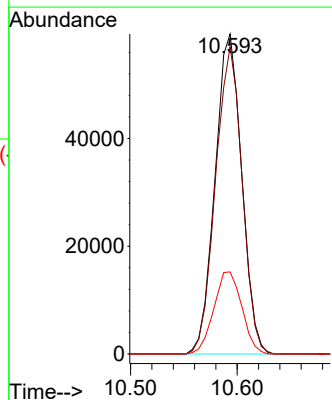
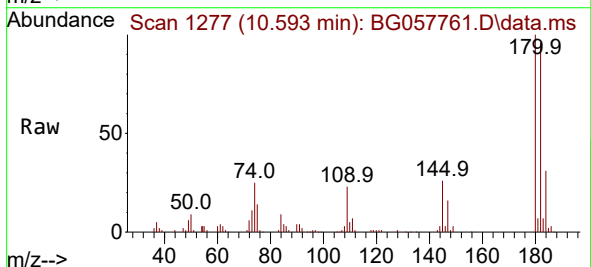
Instrument :  
BNA\_G  
ClientSampleId :  
ICVBG061923

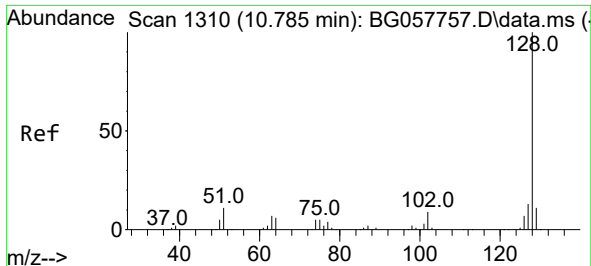
Tgt Ion:162 Resp: 94662  
Ion Ratio Lower Upper  
162 100  
164 68.3 48.2 88.2  
98 40.5 20.7 60.7



#30  
1,2,4-Trichlorobenzene  
Concen: 41.119 ng  
RT: 10.593 min Scan# 1277  
Delta R.T. 0.003 min  
Lab File: BG057761.D  
Acq: 19 Jun 2023 18:59

Tgt Ion:180 Resp: 103089  
Ion Ratio Lower Upper  
180 100  
182 96.0 77.5 116.3  
145 25.6 22.6 34.0

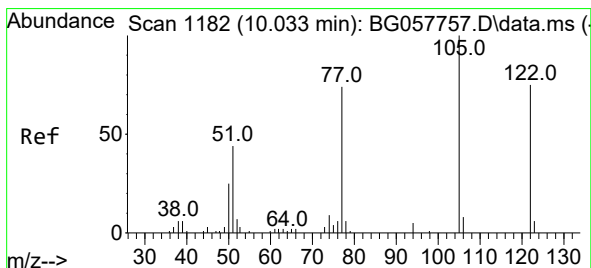
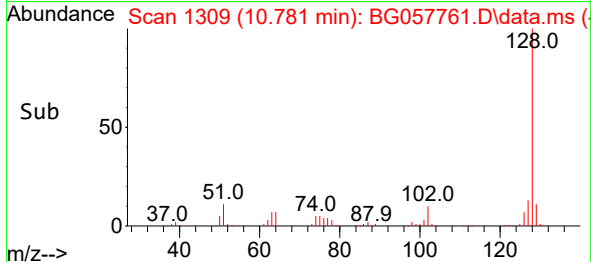
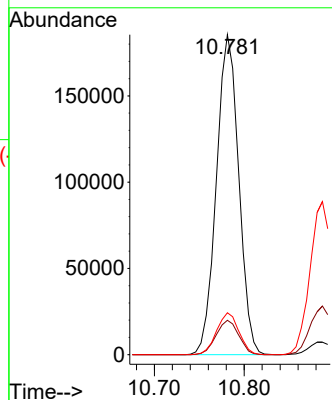
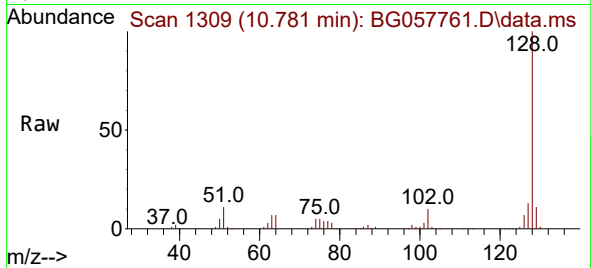




#31  
Naphthalene  
Concen: 40.580 ng  
RT: 10.781 min Scan# 1181  
Delta R.T. -0.003 min  
Lab File: BG057761.D  
Acq: 19 Jun 2023 18:59

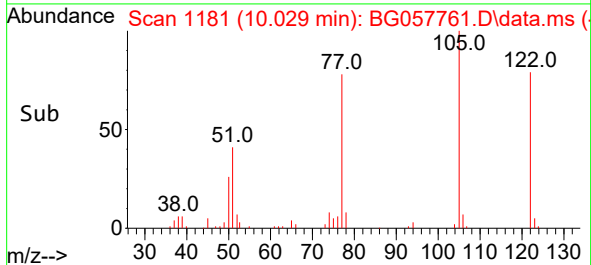
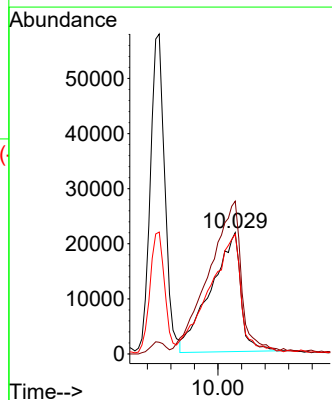
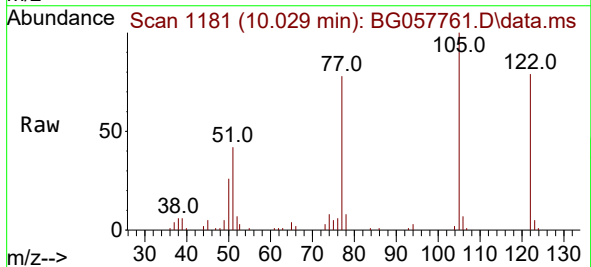
Instrument :  
BNA\_G  
ClientSampleId :  
ICVBG061923

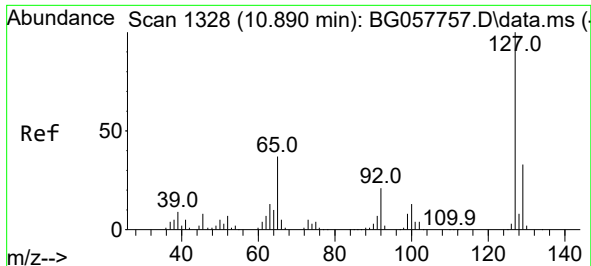
Tgt Ion:128 Resp: 320266  
Ion Ratio Lower Upper  
128 100  
129 10.8 8.5 12.7  
127 13.1 10.7 16.1



#32  
Benzoic acid  
Concen: 43.868 ng  
RT: 10.029 min Scan# 1181  
Delta R.T. -0.004 min  
Lab File: BG057761.D  
Acq: 19 Jun 2023 18:59

Tgt Ion:122 Resp: 76498  
Ion Ratio Lower Upper  
122 100  
105 126.0 110.1 150.1  
77 98.9 78.2 118.2

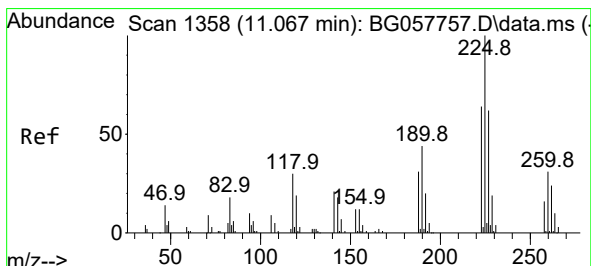
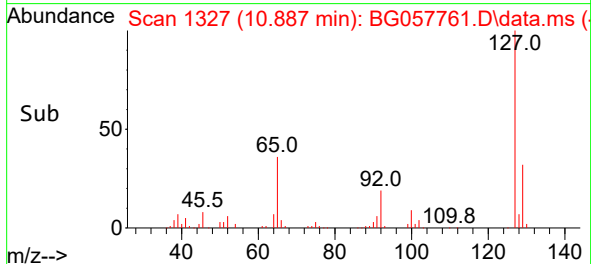
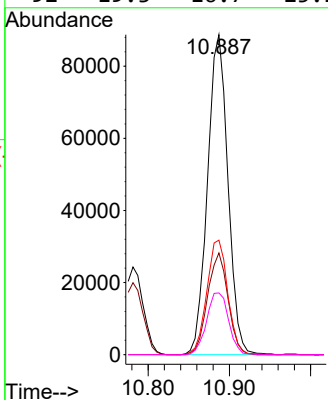
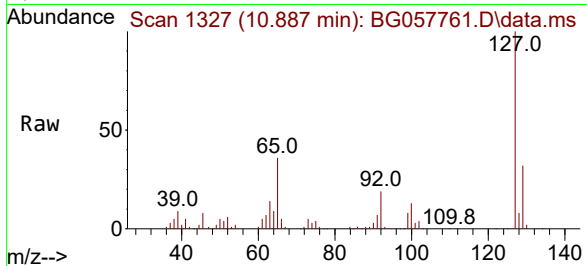




#33  
4-Chloroaniline  
Concen: 42.383 ng  
RT: 10.887 min Scan# 1327  
Delta R.T. -0.003 min  
Lab File: BG057761.D  
Acq: 19 Jun 2023 18:59

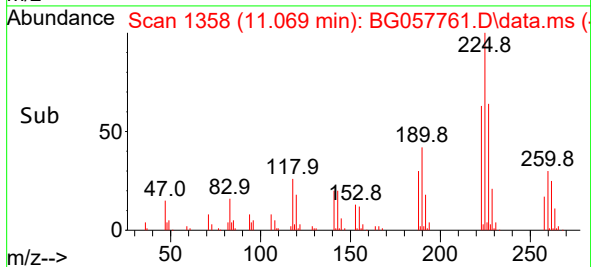
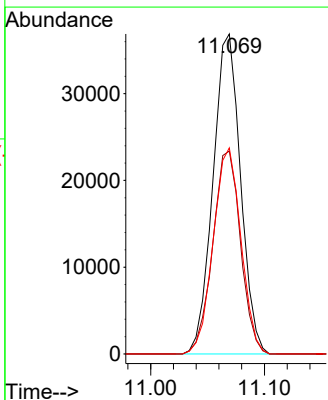
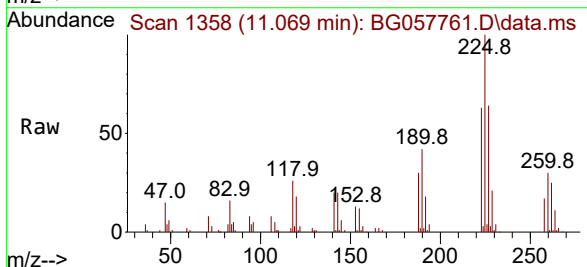
Instrument :  
BNA\_G  
ClientSampleId :  
ICVBG061923

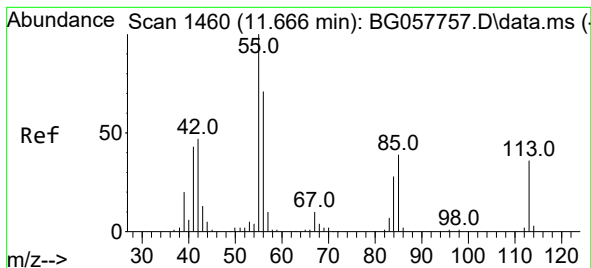
|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 127   | Resp: | 154986 |
| Ion      | Ratio | Lower | Upper  |
| 127      | 100   |       |        |
| 129      | 31.8  | 26.6  | 40.0   |
| 65       | 35.8  | 29.8  | 44.8   |
| 92       | 19.3  | 16.7  | 25.1   |



#34  
Hexachlorobutadiene  
Concen: 40.556 ng  
RT: 11.069 min Scan# 1358  
Delta R.T. 0.003 min  
Lab File: BG057761.D  
Acq: 19 Jun 2023 18:59

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 225   | Resp: | 62033 |
| Ion      | Ratio | Lower | Upper |
| 225      | 100   |       |       |
| 223      | 63.4  | 51.4  | 77.0  |
| 227      | 64.4  | 49.7  | 74.5  |





#35

Caprolactam

Concen: 41.750 ng

RT: 11.663 min Scan# 1460

Delta R.T. -0.003 min

Lab File: BG057761.D

Acq: 19 Jun 2023 18:59

Instrument :

BNA\_G

ClientSampleId :

ICVBG061923

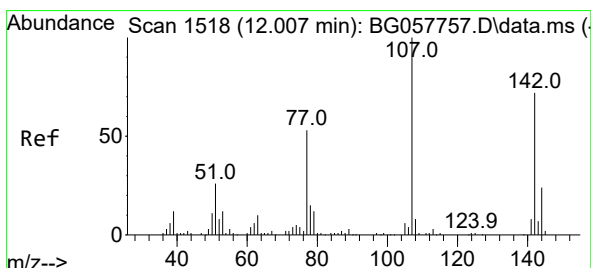
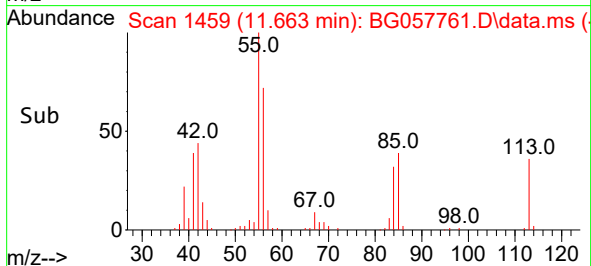
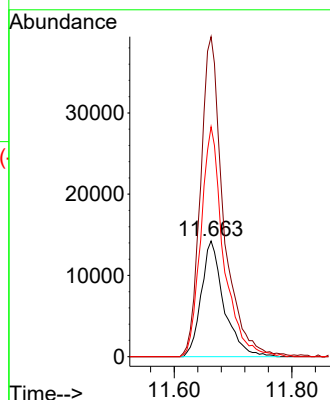
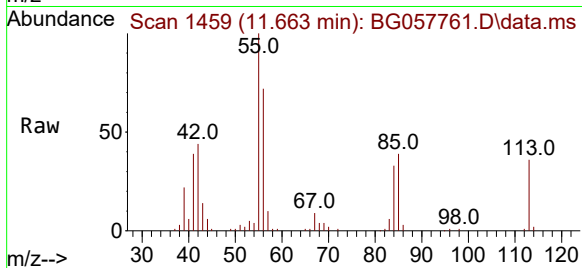
Tgt Ion:113 Resp: 38105

Ion Ratio Lower Upper

113 100

55 276.8 255.7 295.7

56 198.8 175.2 215.2



#36

4-Chloro-3-methylphenol

Concen: 43.116 ng

RT: 12.003 min Scan# 1517

Delta R.T. -0.003 min

Lab File: BG057761.D

Acq: 19 Jun 2023 18:59

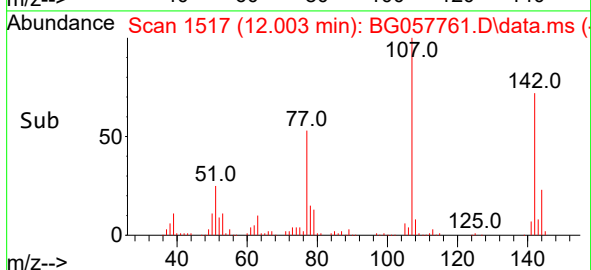
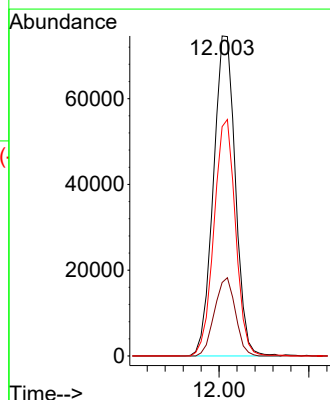
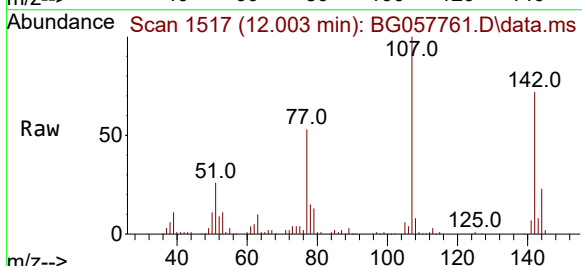
Tgt Ion:107 Resp: 126650

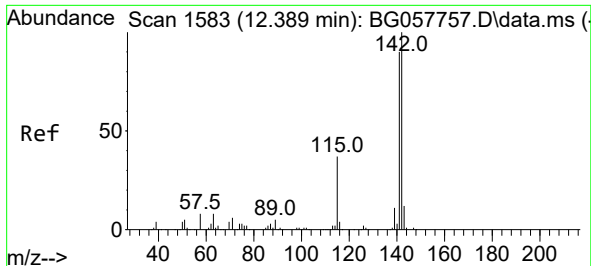
Ion Ratio Lower Upper

107 100

144 22.9 19.5 29.3

142 71.7 57.9 86.9





#37

2-Methylnaphthalene

Concen: 41.067 ng

RT: 12.391 min Scan# 1

Delta R.T. 0.003 min

Lab File: BG057761.D

Acq: 19 Jun 2023 18:59

Instrument :

BNA\_G

ClientSampleId :

ICVBG061923

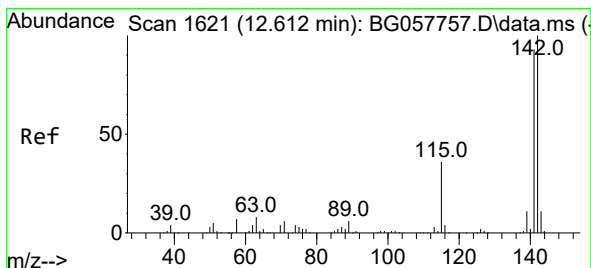
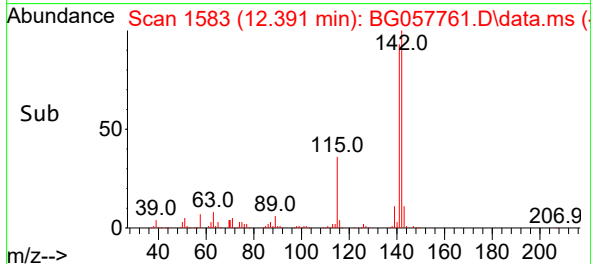
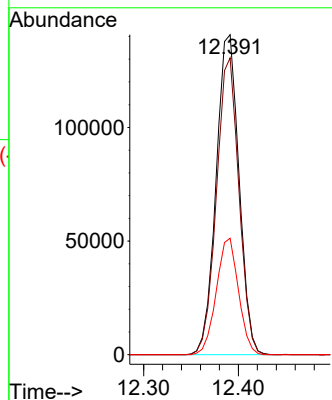
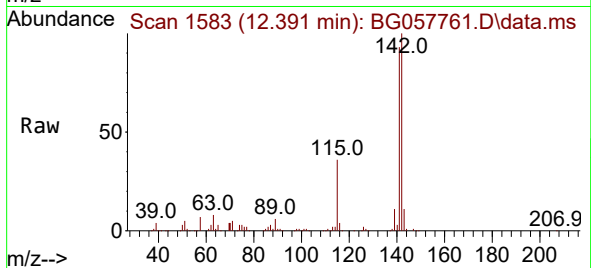
Tgt Ion:142 Resp: 236242

Ion Ratio Lower Upper

142 100

141 92.8 72.1 108.1

115 36.4 29.7 44.5



#38

1-Methylnaphthalene

Concen: 40.897 ng

RT: 12.609 min Scan# 1620

Delta R.T. -0.003 min

Lab File: BG057761.D

Acq: 19 Jun 2023 18:59

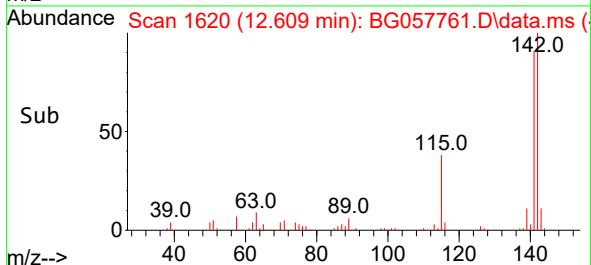
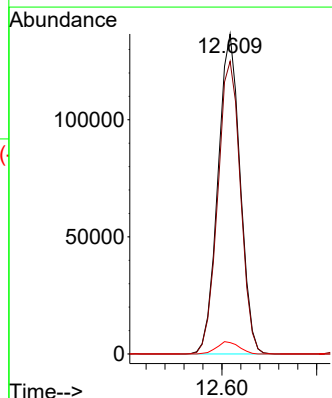
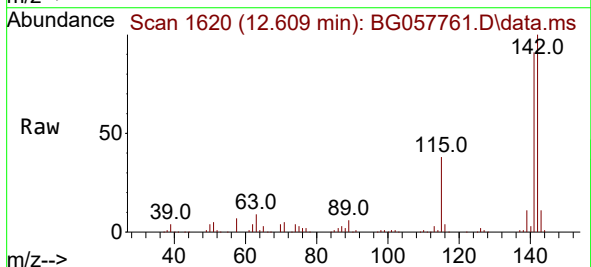
Tgt Ion:142 Resp: 222083

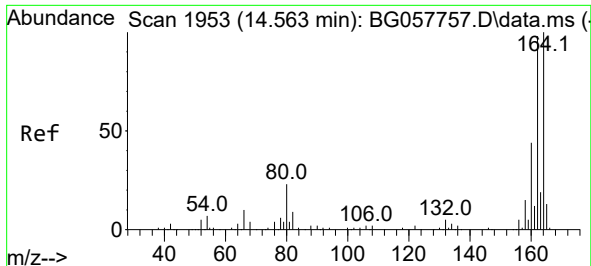
Ion Ratio Lower Upper

142 100

141 91.5 74.2 111.4

116 3.6 3.1 4.7

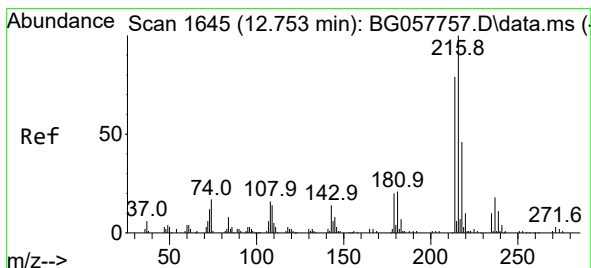
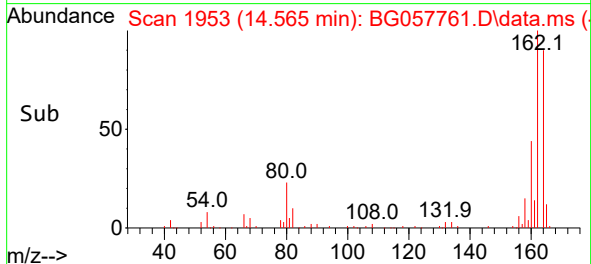
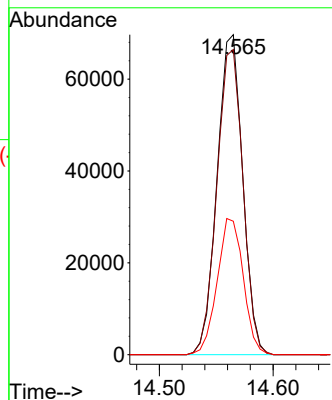
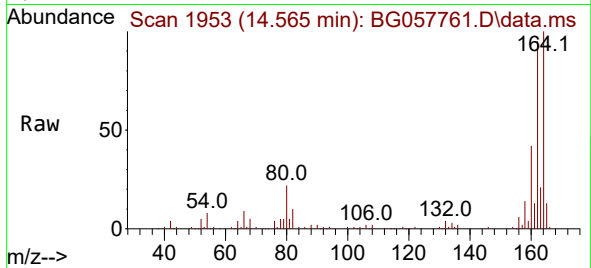




#39  
Acenaphthene-d10  
Concen: 20.000 ng  
RT: 14.565 min Scan# 1953  
Delta R.T. 0.003 min  
Lab File: BG057761.D  
Acq: 19 Jun 2023 18:59

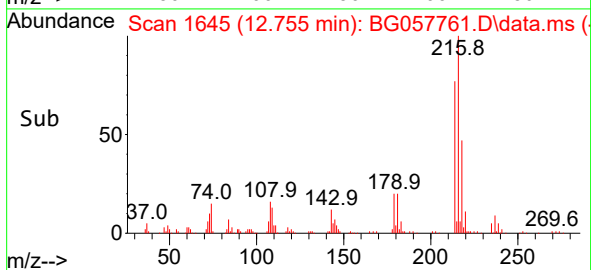
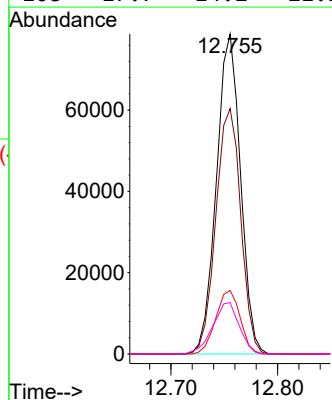
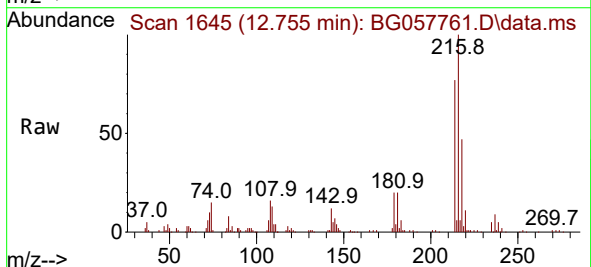
Instrument :  
BNA\_G  
ClientSampleId :  
ICVBG061923

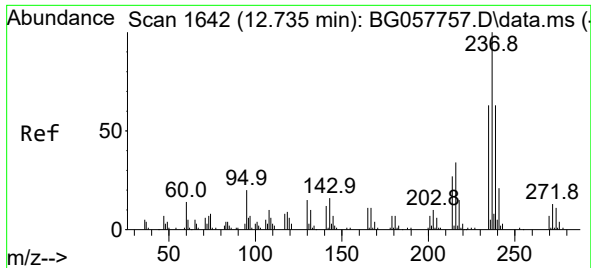
Tgt Ion:164 Resp: 108894  
Ion Ratio Lower Upper  
164 100  
162 95.4 78.3 117.5  
160 41.7 35.4 53.0



#40  
1,2,4,5-Tetrachlorobenzene  
Concen: 40.844 ng  
RT: 12.755 min Scan# 1645  
Delta R.T. 0.003 min  
Lab File: BG057761.D  
Acq: 19 Jun 2023 18:59

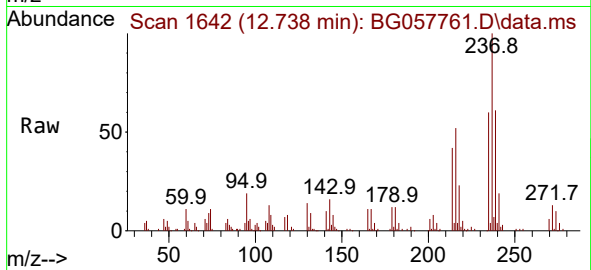
Tgt Ion:216 Resp: 123302  
Ion Ratio Lower Upper  
216 100  
214 79.3 63.0 94.4  
179 20.1 16.2 24.2  
108 17.7 14.2 21.2



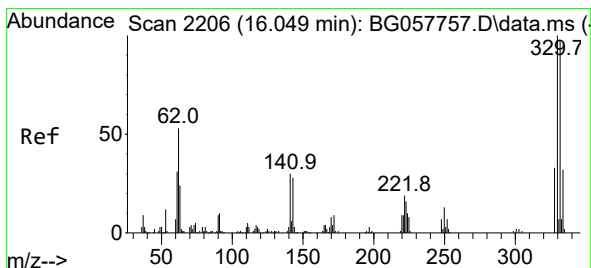
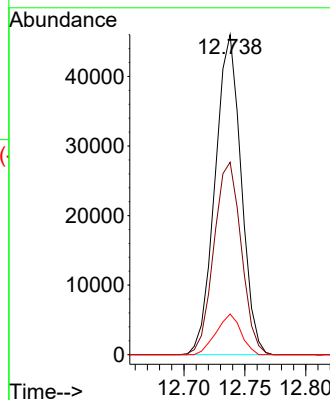
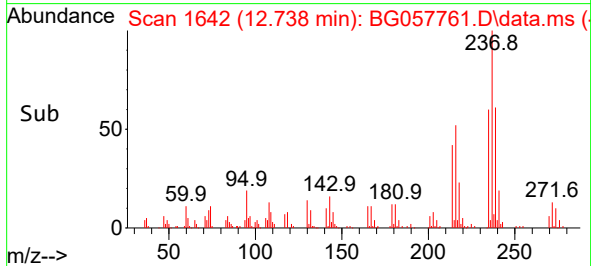


#41  
Hexachlorocyclopentadiene  
Concen: 42.701 ng  
RT: 12.738 min Scan# 1  
Delta R.T. 0.003 min  
Lab File: BG057761.D  
Acq: 19 Jun 2023 18:59

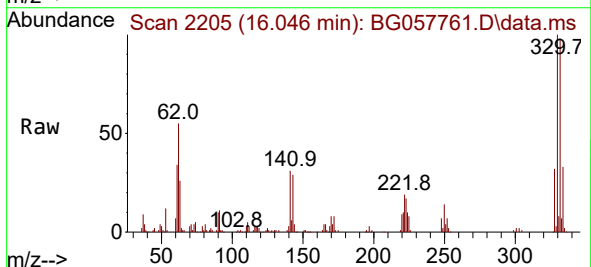
Instrument :  
BNA\_G  
ClientSampleId :  
ICVBG061923



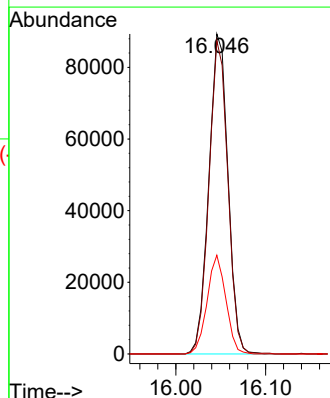
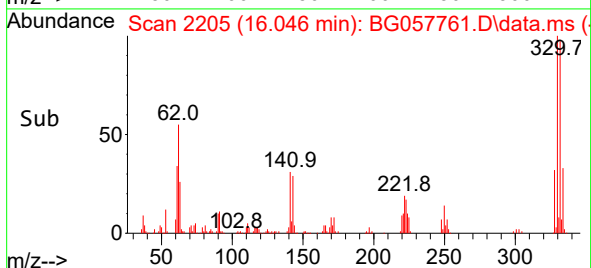
Tgt Ion:237 Resp: 68438  
Ion Ratio Lower Upper  
237 100  
235 60.1 43.5 83.5  
272 12.7 0.0 32.8



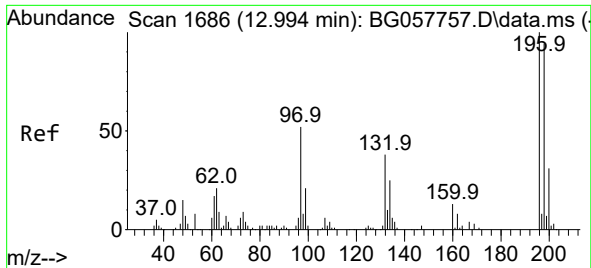
#42  
2,4,6-Tribromophenol  
Concen: 87.178 ng  
RT: 16.046 min Scan# 2205  
Delta R.T. -0.003 min  
Lab File: BG057761.D  
Acq: 19 Jun 2023 18:59



Tgt Ion:330 Resp: 132239  
Ion Ratio Lower Upper  
330 100  
332 96.4 76.6 115.0  
141 30.1 24.7 37.1



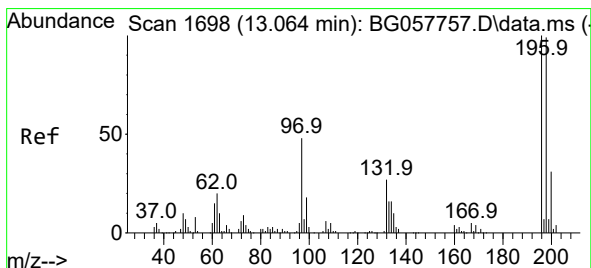
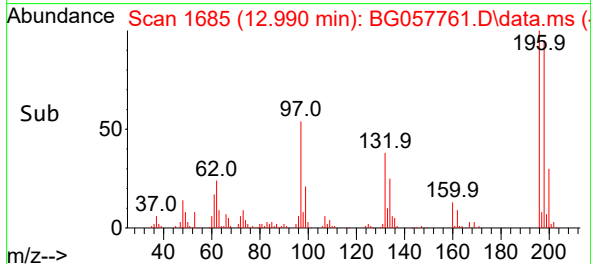
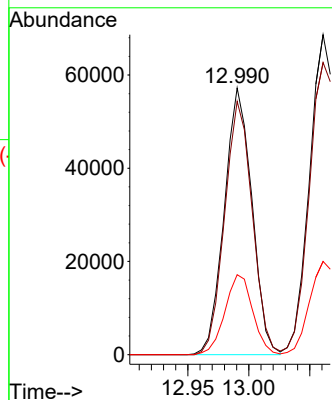
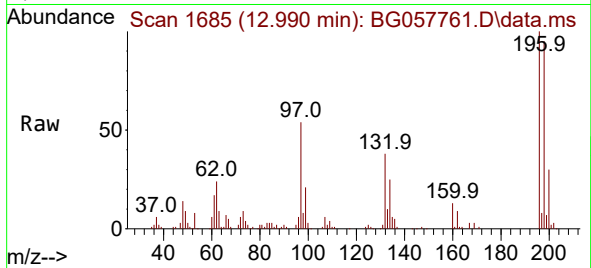




#43  
2,4,6-Trichlorophenol  
Concen: 41.809 ng  
RT: 12.990 min Scan# 1685  
Delta R.T. -0.003 min  
Lab File: BG057761.D  
Acq: 19 Jun 2023 18:59

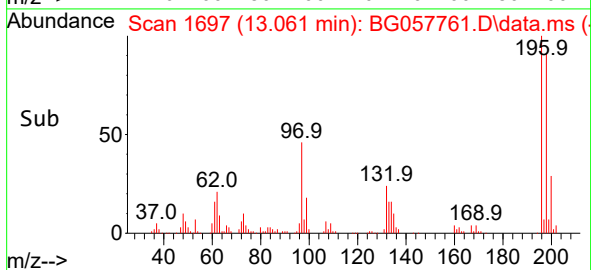
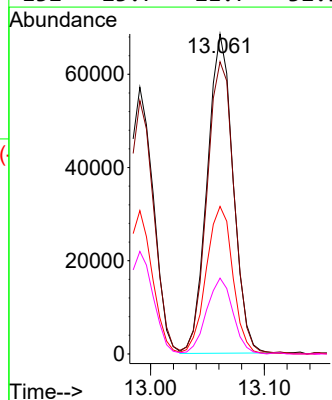
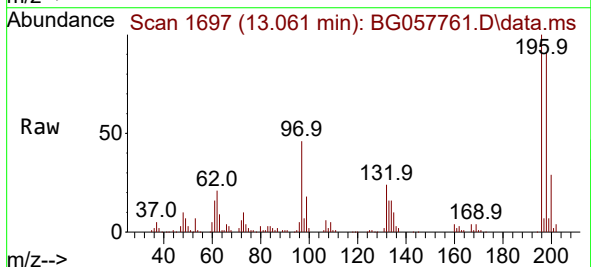
Instrument :  
BNA\_G  
ClientSampleId :  
ICVBG061923

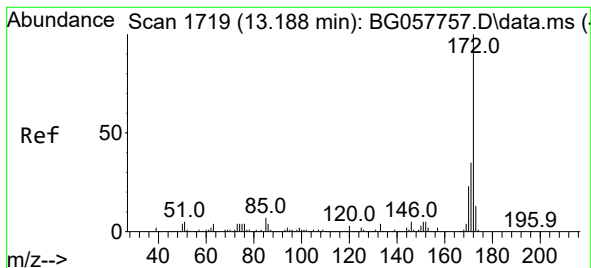
Tgt Ion:196 Resp: 90374  
Ion Ratio Lower Upper  
196 100  
198 94.9 75.5 113.3  
200 30.0 24.6 36.8



#44  
2,4,5-Trichlorophenol  
Concen: 42.978 ng  
RT: 13.061 min Scan# 1697  
Delta R.T. -0.003 min  
Lab File: BG057761.D  
Acq: 19 Jun 2023 18:59

Tgt Ion:196 Resp: 108288  
Ion Ratio Lower Upper  
196 100  
198 91.3 78.9 118.3  
97 46.1 38.3 57.5  
132 23.7 21.7 32.5





#45

2-Fluorobiphenyl

Concen: 79.715 ng

RT: 13.190 min Scan# 1

Delta R.T. 0.003 min

Lab File: BG057761.D

Acq: 19 Jun 2023 18:59

Instrument :

BNA\_G

ClientSampleId :

ICVBG061923

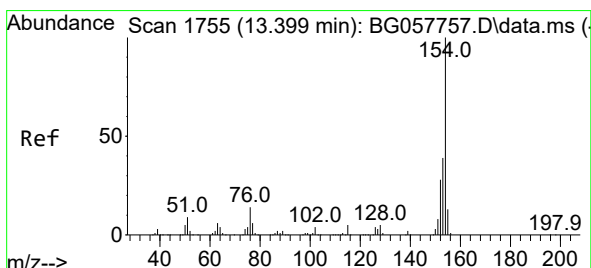
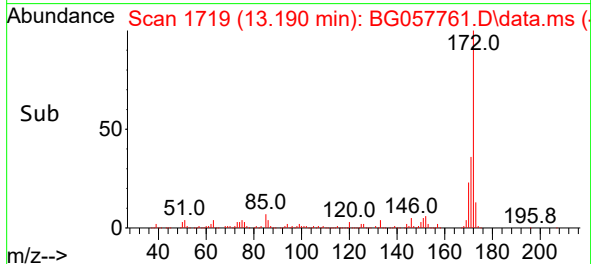
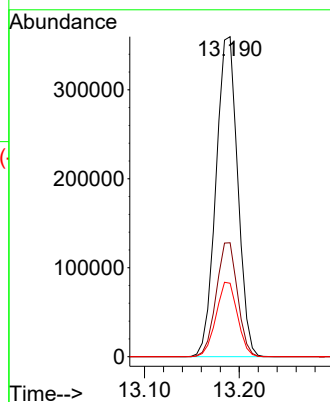
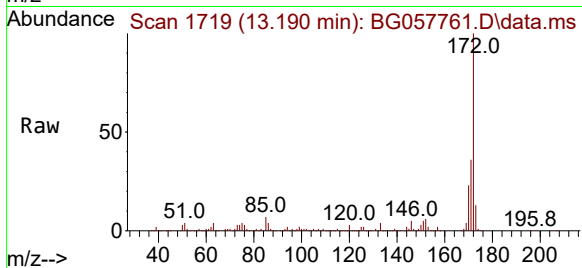
Tgt Ion:172 Resp: 572308

Ion Ratio Lower Upper

172 100

171 35.6 28.1 42.1

170 22.9 18.6 27.8



#46

1,1'-Biphenyl

Concen: 40.234 ng

RT: 13.396 min Scan# 1754

Delta R.T. -0.003 min

Lab File: BG057761.D

Acq: 19 Jun 2023 18:59

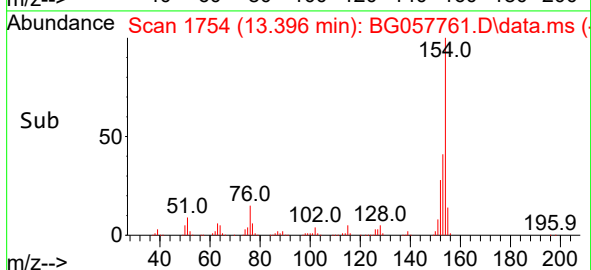
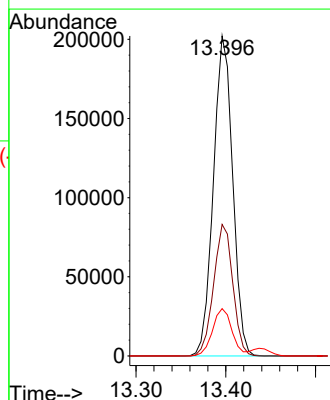
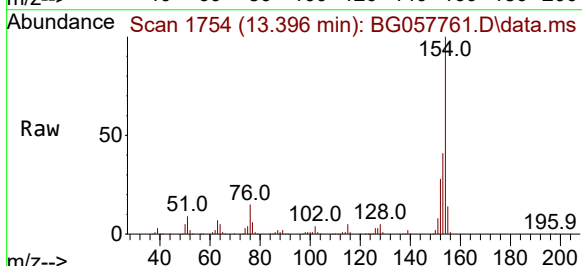
Tgt Ion:154 Resp: 300830

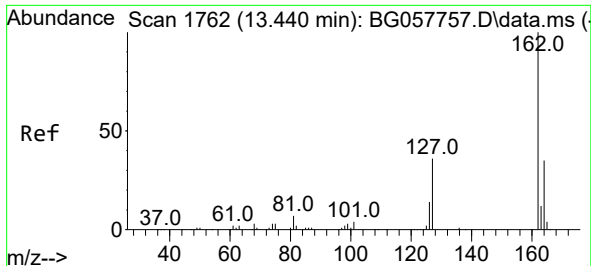
Ion Ratio Lower Upper

154 100

153 41.1 19.1 59.1

76 14.8 0.0 34.3

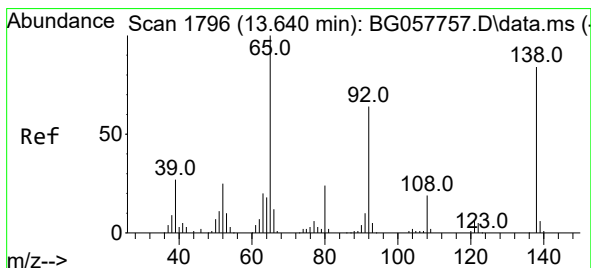
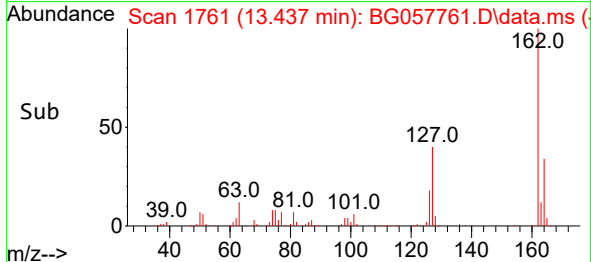
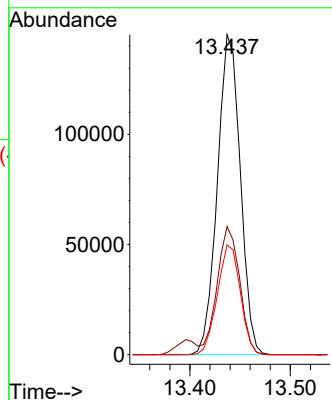
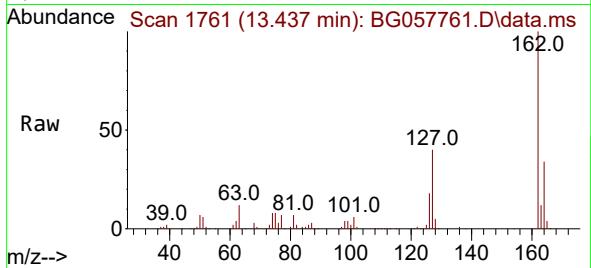




#47  
2-Chloronaphthalene  
Concen: 40.074 ng  
RT: 13.437 min Scan# 1761  
Delta R.T. -0.003 min  
Lab File: BG057761.D  
Acq: 19 Jun 2023 18:59

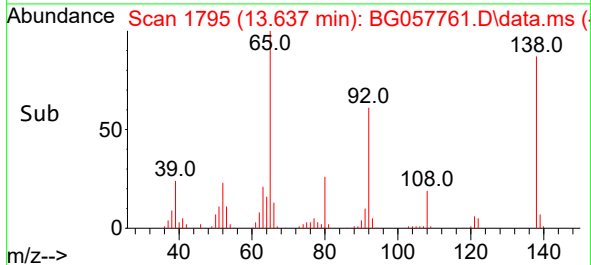
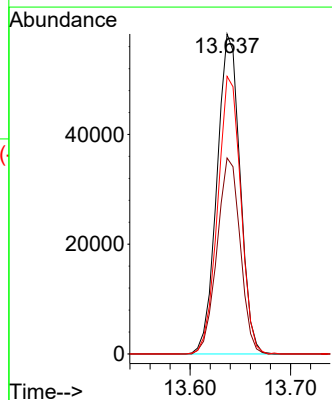
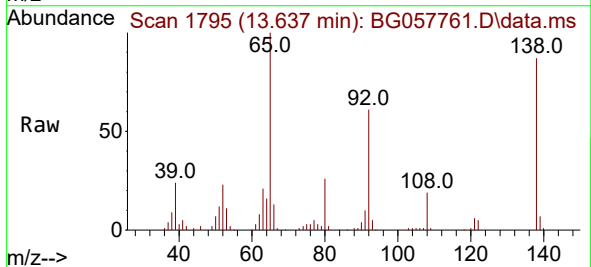
Instrument :  
BNA\_G  
ClientSampleId :  
ICVBG061923

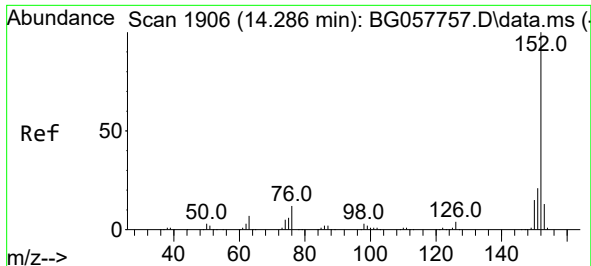
Tgt Ion:162 Resp: 230195  
Ion Ratio Lower Upper  
162 100  
127 40.1 32.2 48.2  
164 34.3 28.0 42.0



#48  
2-Nitroaniline  
Concen: 45.578 ng  
RT: 13.637 min Scan# 1795  
Delta R.T. -0.003 min  
Lab File: BG057761.D  
Acq: 19 Jun 2023 18:59

Tgt Ion: 65 Resp: 93038  
Ion Ratio Lower Upper  
65 100  
92 61.3 51.2 76.8  
138 86.8 67.2 100.8

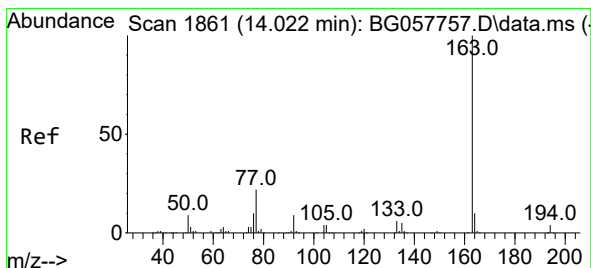
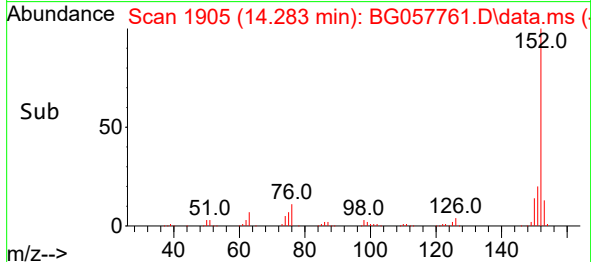
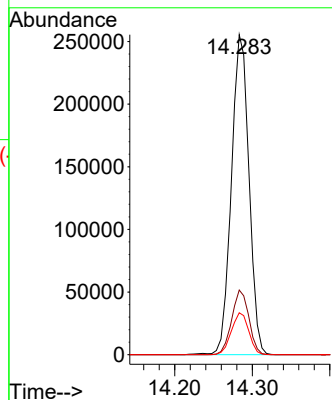
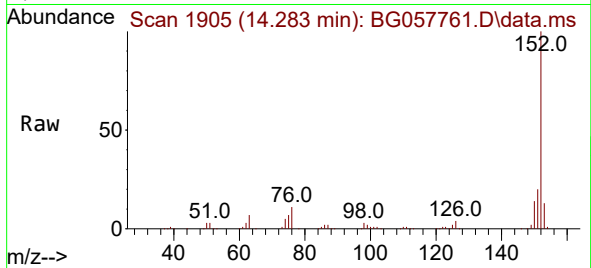




#49  
Acenaphthylene  
Concen: 40.862 ng  
RT: 14.283 min Scan# 1906  
Delta R.T. -0.003 min  
Lab File: BG057761.D  
Acq: 19 Jun 2023 18:59

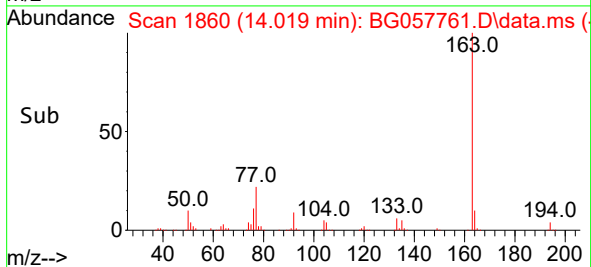
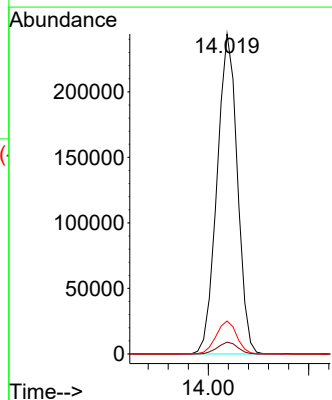
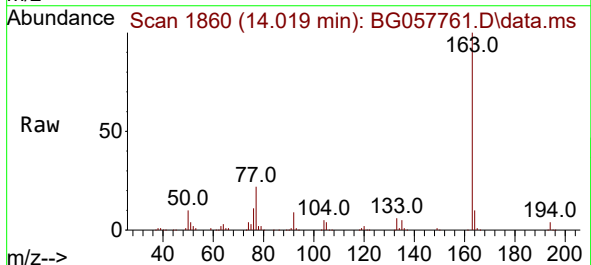
Instrument :  
BNA\_G  
ClientSampleId :  
ICVBG061923

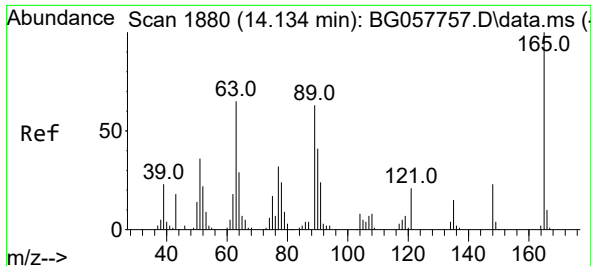
Tgt Ion:152 Resp: 402884  
Ion Ratio Lower Upper  
152 100  
151 20.2 17.0 25.4  
153 13.1 10.5 15.7



#50  
Dimethylphthalate  
Concen: 41.007 ng  
RT: 14.019 min Scan# 1860  
Delta R.T. -0.003 min  
Lab File: BG057761.D  
Acq: 19 Jun 2023 18:59

Tgt Ion:163 Resp: 342969  
Ion Ratio Lower Upper  
163 100  
194 3.7 2.8 4.2  
164 10.3 8.2 12.4

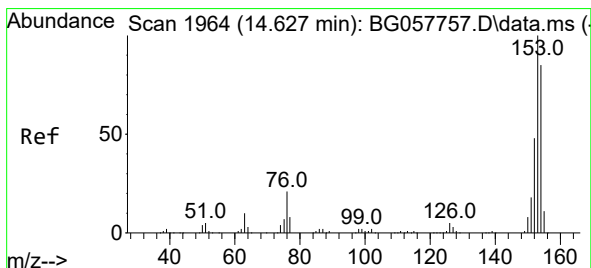
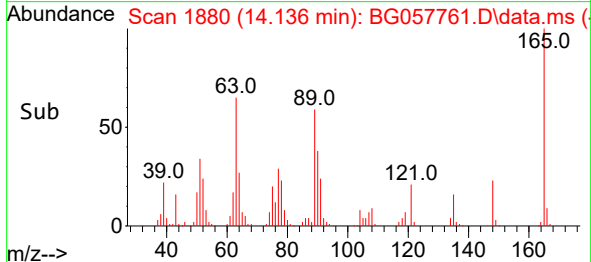
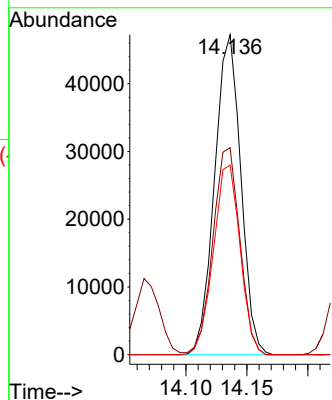
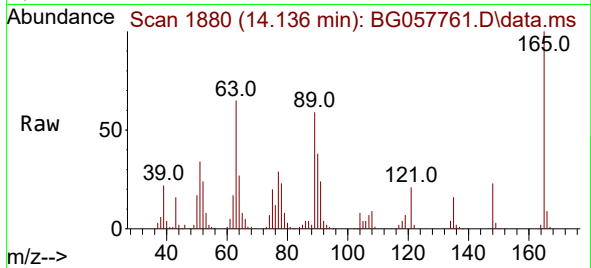




#51  
2,6-Dinitrotoluene  
Concen: 45.803 ng  
RT: 14.136 min Scan# 1880  
Delta R.T. 0.002 min  
Lab File: BG057761.D  
Acq: 19 Jun 2023 18:59

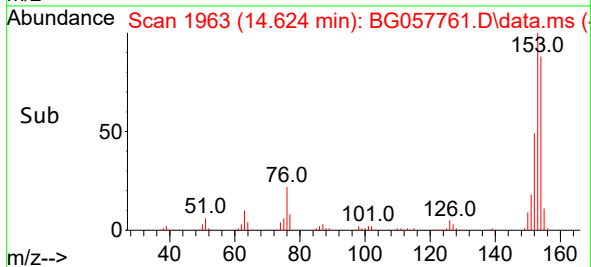
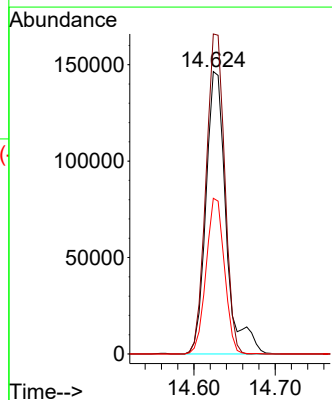
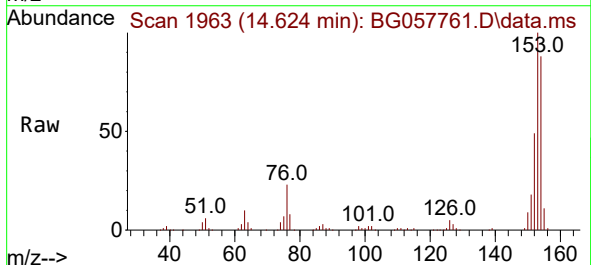
Instrument :  
BNA\_G  
ClientSampleId :  
ICVBG061923

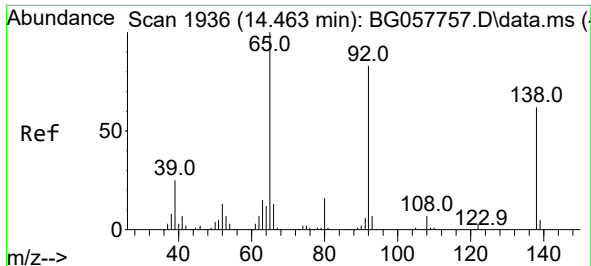
Tgt Ion:165 Resp: 70544  
Ion Ratio Lower Upper  
165 100  
63 64.7 52.8 79.2  
89 59.2 50.7 76.1



#52  
Acenaphthene  
Concen: 41.233 ng  
RT: 14.624 min Scan# 1963  
Delta R.T. -0.003 min  
Lab File: BG057761.D  
Acq: 19 Jun 2023 18:59

Tgt Ion:154 Resp: 251674  
Ion Ratio Lower Upper  
154 100  
153 113.3 93.6 140.4  
152 55.2 44.7 67.1

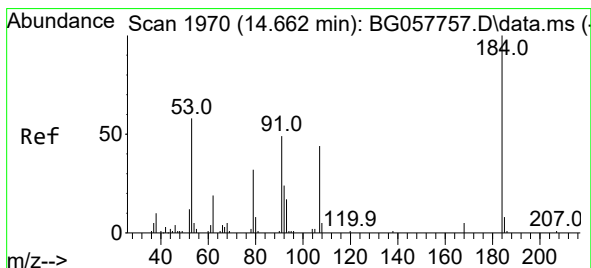
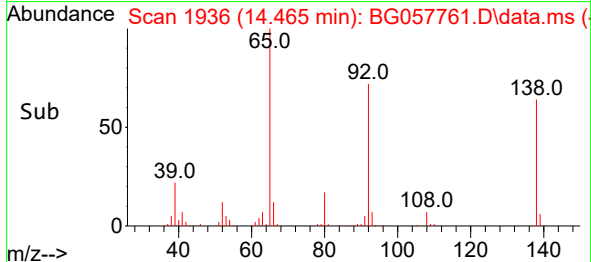
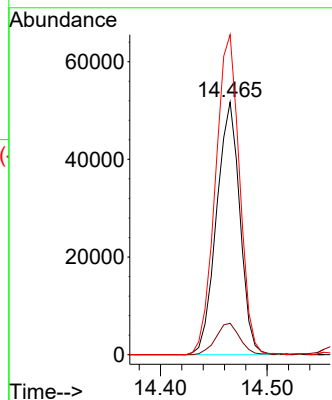
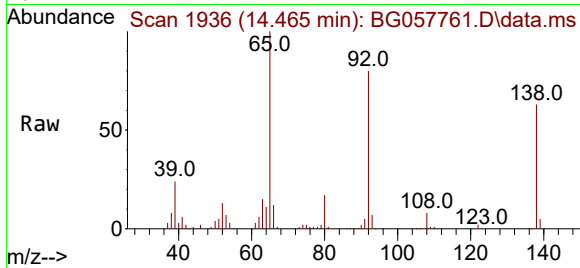




#53  
3-Nitroaniline  
Concen: 45.253 ng  
RT: 14.465 min Scan# 1936  
Delta R.T. 0.003 min  
Lab File: BG057761.D  
Acq: 19 Jun 2023 18:59

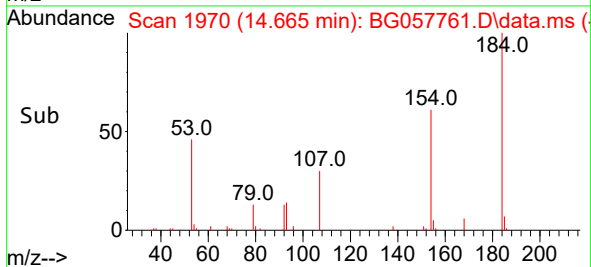
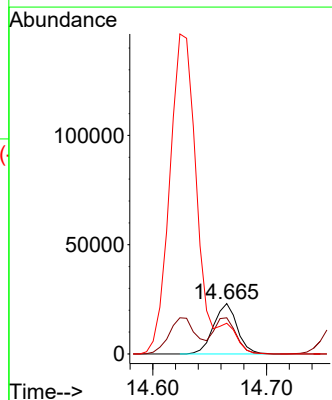
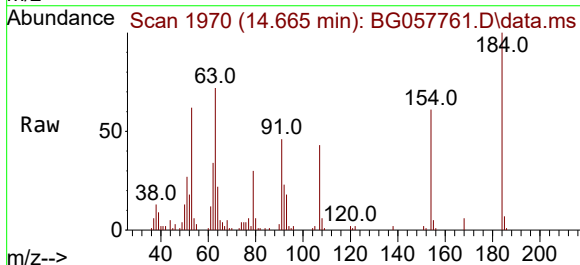
Instrument :  
BNA\_G  
ClientSampleId :  
ICVBG061923

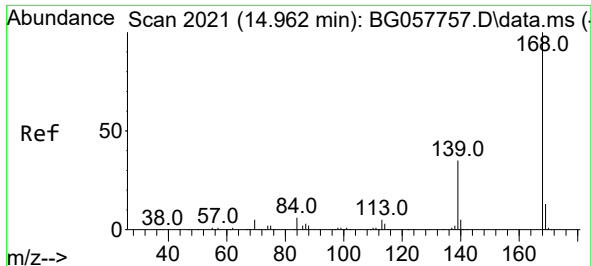
Tgt Ion:138 Resp: 78543  
Ion Ratio Lower Upper  
138 100  
108 12.4 9.1 13.7  
92 126.7 106.4 159.6



#54  
2,4-Dinitrophenol  
Concen: 43.108 ng  
RT: 14.665 min Scan# 1970  
Delta R.T. 0.003 min  
Lab File: BG057761.D  
Acq: 19 Jun 2023 18:59

Tgt Ion:184 Resp: 33144  
Ion Ratio Lower Upper  
184 100  
63 71.8 55.2 82.8  
154 60.9 47.4 71.0

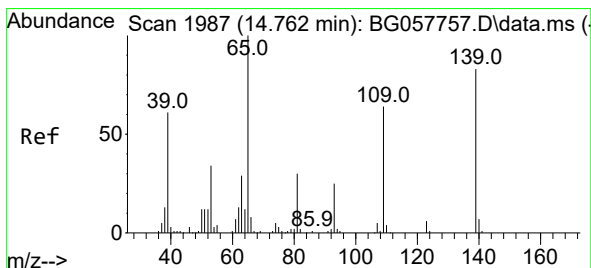
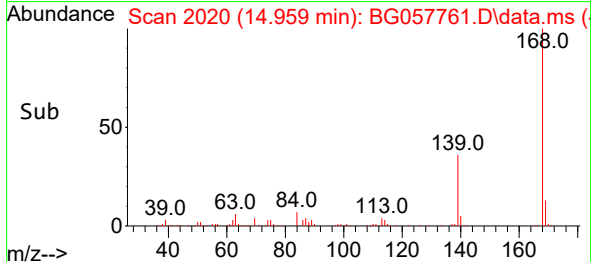
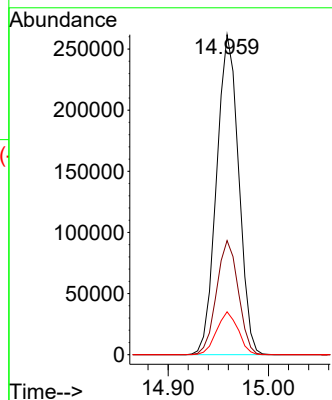
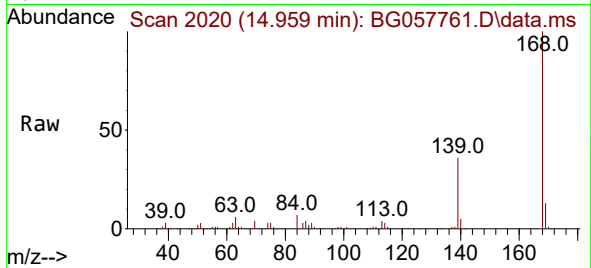




#55  
Dibenzenofuran  
Concen: 40.814 ng  
RT: 14.959 min Scan# 20  
Delta R.T. -0.003 min  
Lab File: BG057761.D  
Acq: 19 Jun 2023 18:59

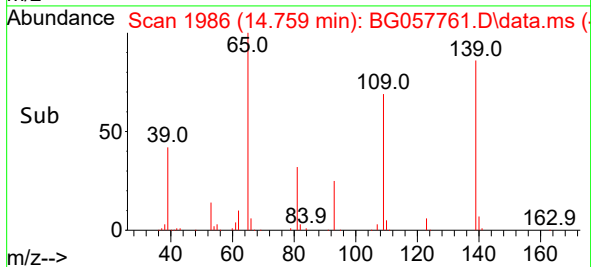
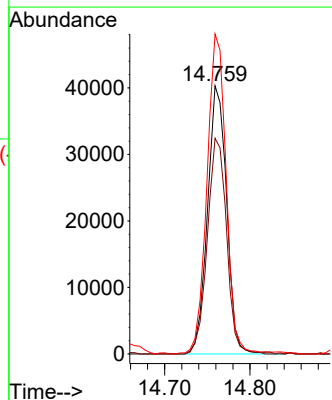
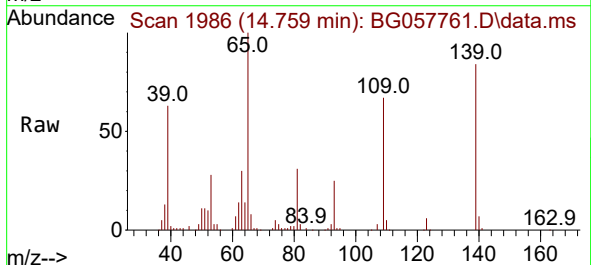
Instrument :  
BNA\_G  
ClientSampleId :  
ICVBG061923

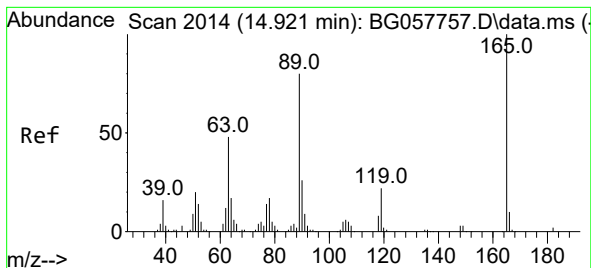
Tgt Ion:168 Resp: 400568  
Ion Ratio Lower Upper  
168 100  
139 35.7 28.1 42.1  
169 13.4 10.7 16.1



#56  
4-Nitrophenol  
Concen: 45.461 ng  
RT: 14.759 min Scan# 1986  
Delta R.T. -0.003 min  
Lab File: BG057761.D  
Acq: 19 Jun 2023 18:59

Tgt Ion:139 Resp: 62708  
Ion Ratio Lower Upper  
139 100  
109 80.4 57.3 97.3  
65 119.3 100.0 140.0

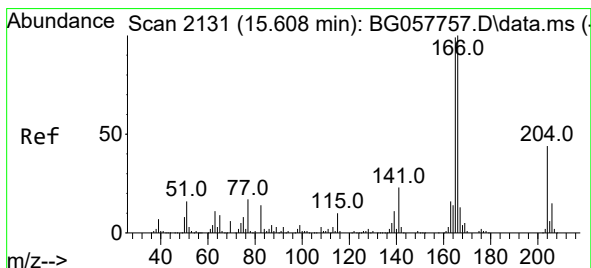
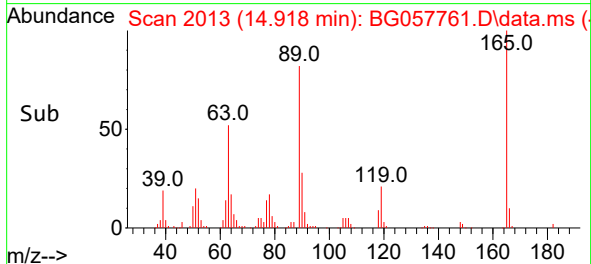
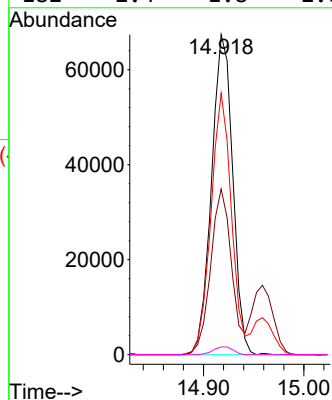
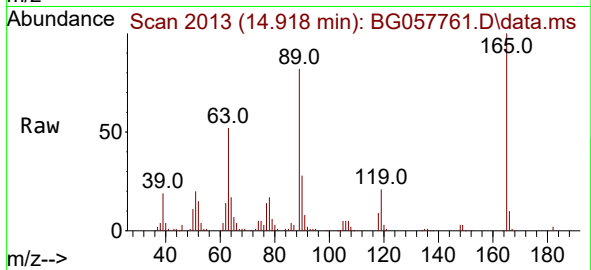




#57  
2,4-Dinitrotoluene  
Concen: 47.245 ng  
RT: 14.918 min Scan# 2014  
Delta R.T. -0.003 min  
Lab File: BG057761.D  
Acq: 19 Jun 2023 18:59

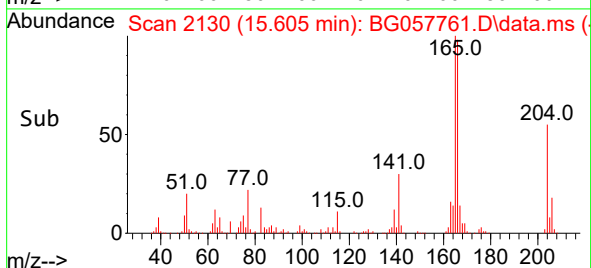
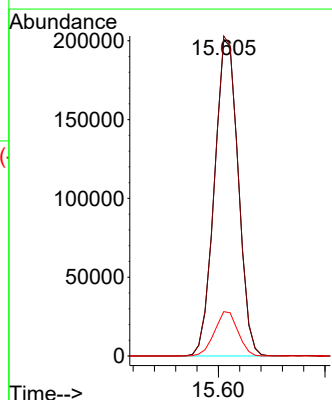
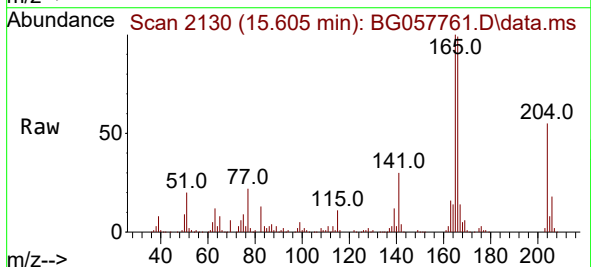
Instrument :  
BNA\_G  
ClientSampleId :  
ICVBG061923

Tgt Ion:165 Resp: 98674  
Ion Ratio Lower Upper  
165 100  
63 51.8 38.6 58.0  
89 81.7 63.7 95.5  
182 2.4 1.8 2.6

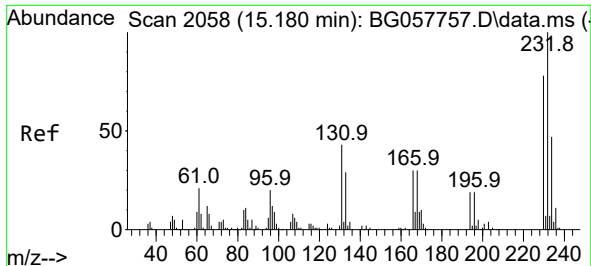


#58  
Fluorene  
Concen: 40.040 ng  
RT: 15.605 min Scan# 2130  
Delta R.T. -0.003 min  
Lab File: BG057761.D  
Acq: 19 Jun 2023 18:59

Tgt Ion:166 Resp: 311066  
Ion Ratio Lower Upper  
166 100  
165 101.1 79.5 119.3  
167 14.0 10.6 16.0



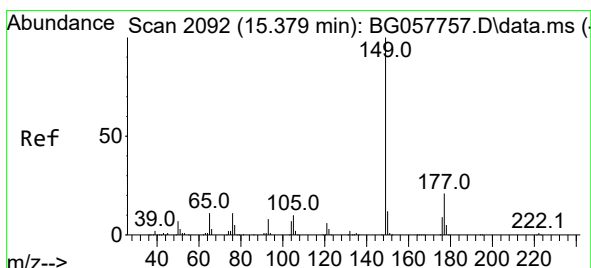
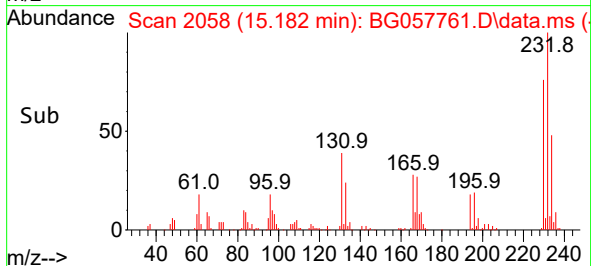
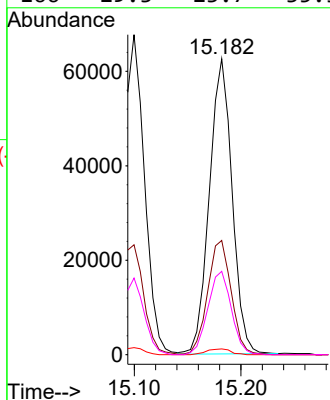
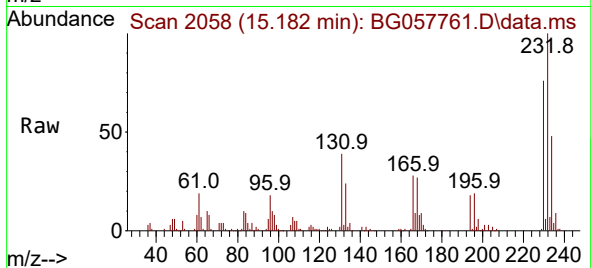




#59  
2,3,4,6-Tetrachlorophenol  
Concen: 43.056 ng  
RT: 15.182 min Scan# 2058  
Delta R.T. 0.003 min  
Lab File: BG057761.D  
Acq: 19 Jun 2023 18:59

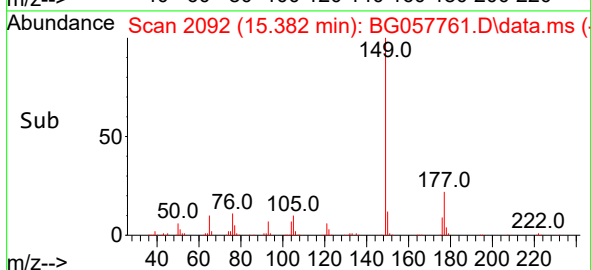
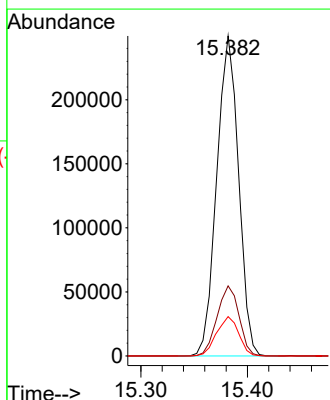
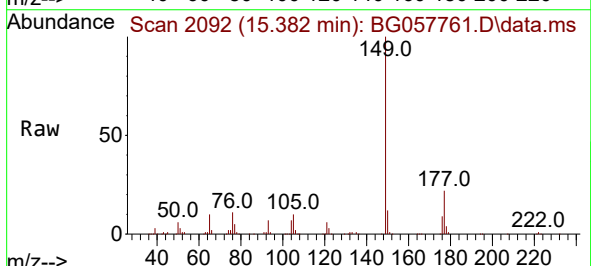
Instrument :  
BNA\_G  
ClientSampleId :  
ICVBG061923

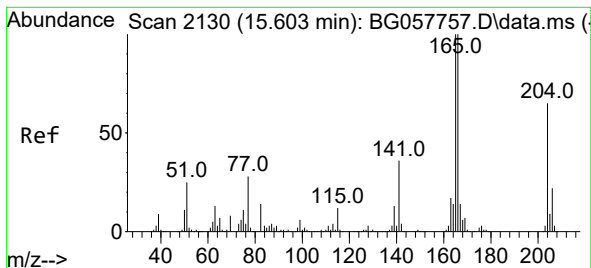
Tgt Ion:232 Resp: 92453  
Ion Ratio Lower Upper  
232 100  
131 40.3 31.9 47.9  
130 2.1 1.6 2.4  
166 29.3 23.7 35.5



#60  
Diethylphthalate  
Concen: 41.341 ng  
RT: 15.382 min Scan# 2092  
Delta R.T. 0.003 min  
Lab File: BG057761.D  
Acq: 19 Jun 2023 18:59

Tgt Ion:149 Resp: 354729  
Ion Ratio Lower Upper  
149 100  
177 21.9 17.0 25.6  
150 12.3 10.0 15.0

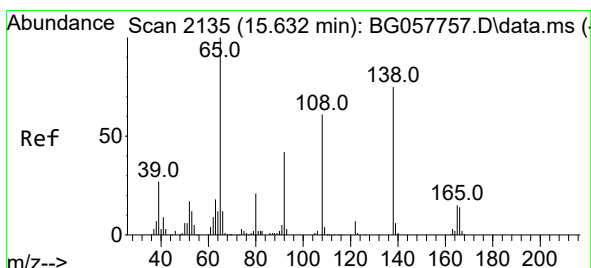
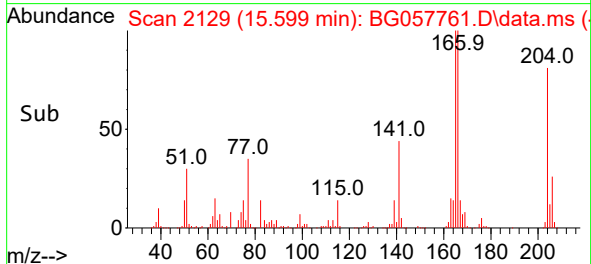
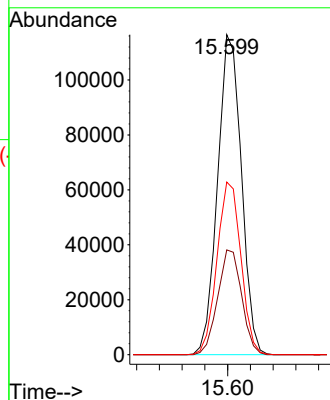
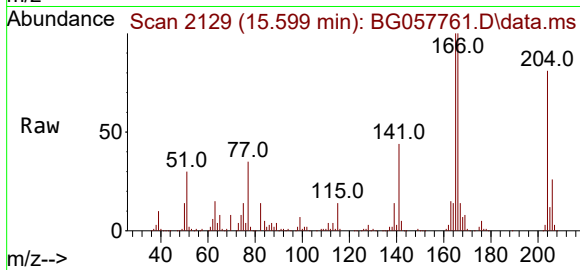




#61  
4-Chlorophenyl-phenylether  
Concen: 40.954 ng  
RT: 15.599 min Scan# 2129  
Delta R.T. -0.003 min  
Lab File: BG057761.D  
Acq: 19 Jun 2023 18:59

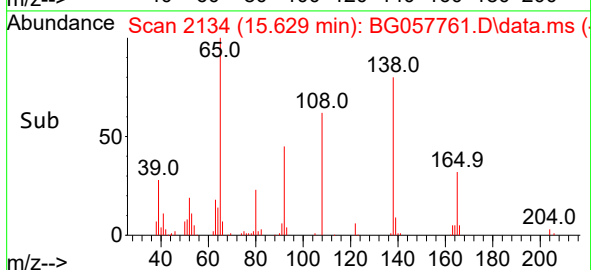
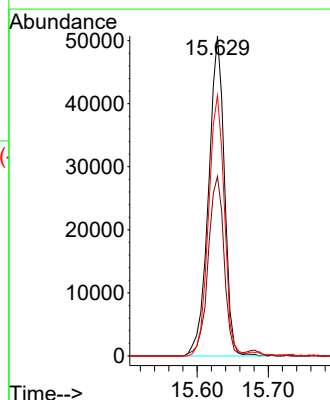
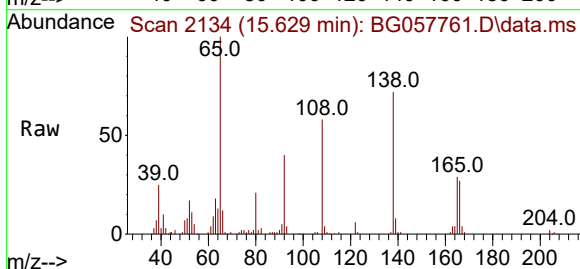
Instrument :  
BNA\_G  
ClientSampleId :  
ICVBG061923

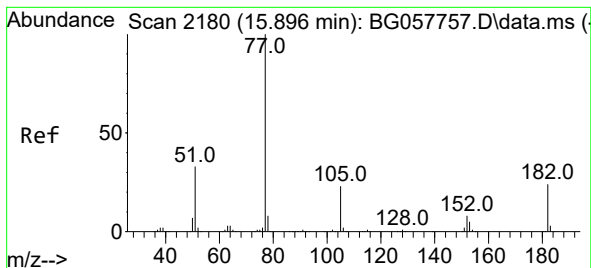
Tgt Ion:204 Resp: 169177  
Ion Ratio Lower Upper  
204 100  
206 32.7 26.9 40.3  
141 54.0 44.3 66.5



#62  
4-Nitroaniline  
Concen: 44.557 ng  
RT: 15.629 min Scan# 2134  
Delta R.T. -0.003 min  
Lab File: BG057761.D  
Acq: 19 Jun 2023 18:59

Tgt Ion:138 Resp: 78842  
Ion Ratio Lower Upper  
138 100  
92 56.1 35.9 75.9  
108 81.4 62.1 102.1





#63

Azobenzene

Concen: 40.741 ng

RT: 15.893 min Scan# 21

Delta R.T. -0.003 min

Lab File: BG057761.D

Acq: 19 Jun 2023 18:59

Instrument :

BNA\_G

ClientSampleId :

ICVBG061923

Tgt Ion: 77 Resp: 357583

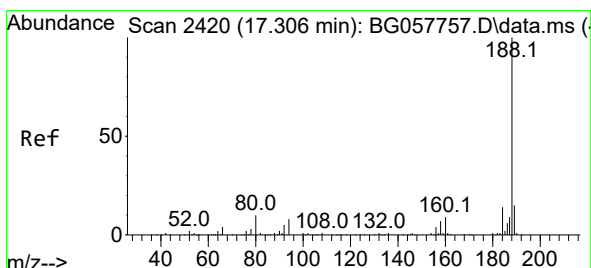
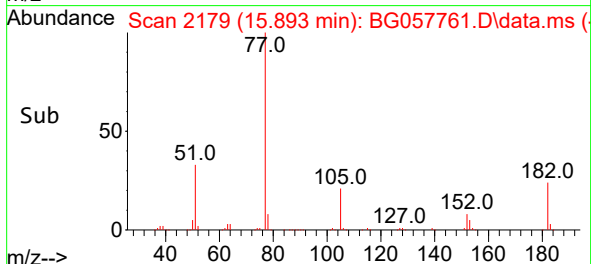
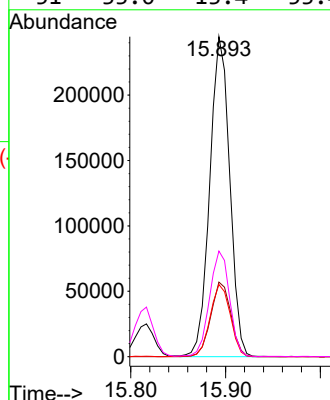
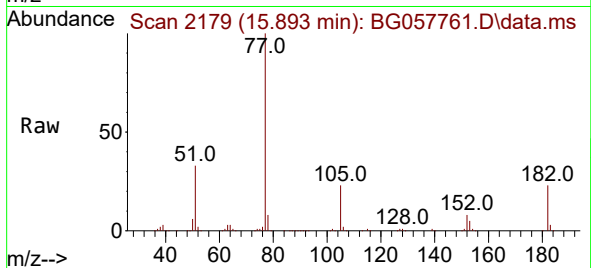
Ion Ratio Lower Upper

77 100

182 23.3 4.1 44.1

105 22.6 3.3 43.3

51 33.0 13.4 53.4



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.303 min Scan# 2419

Delta R.T. -0.003 min

Lab File: BG057761.D

Acq: 19 Jun 2023 18:59

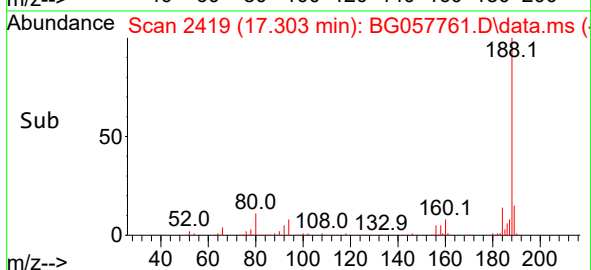
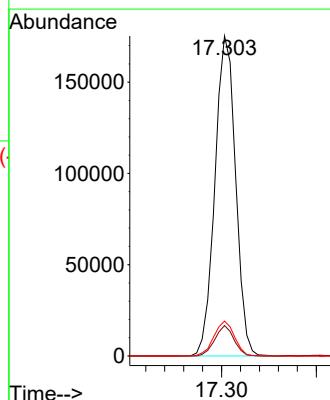
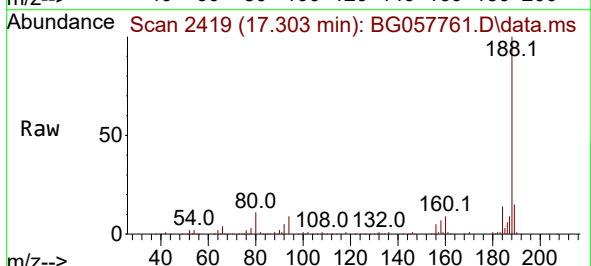
Tgt Ion:188 Resp: 265814

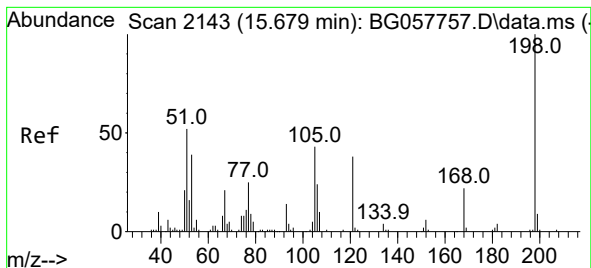
Ion Ratio Lower Upper

188 100

94 9.5 6.6 9.8

80 10.9 7.6 11.4

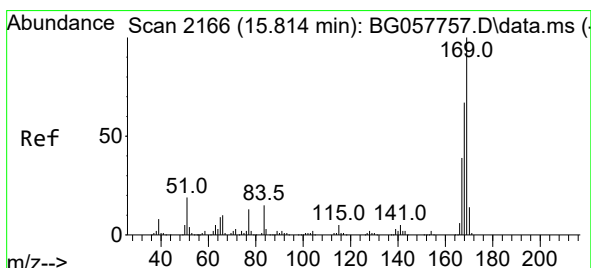
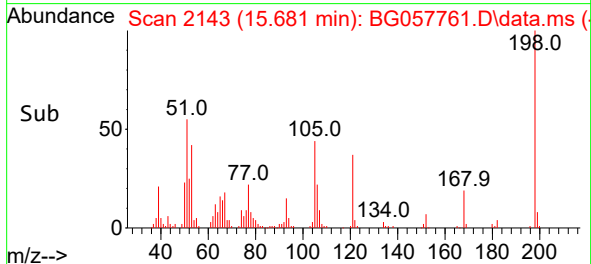
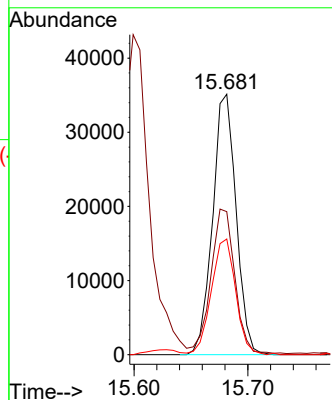
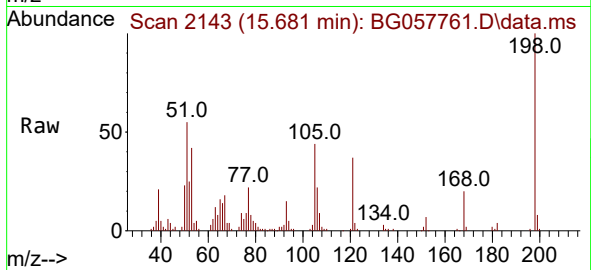




#65  
 4,6-Dinitro-2-methylphenol  
 Concen: 42.046 ng  
 RT: 15.681 min Scan# 2143  
 Delta R.T. 0.002 min  
 Lab File: BG057761.D  
 Acq: 19 Jun 2023 18:59

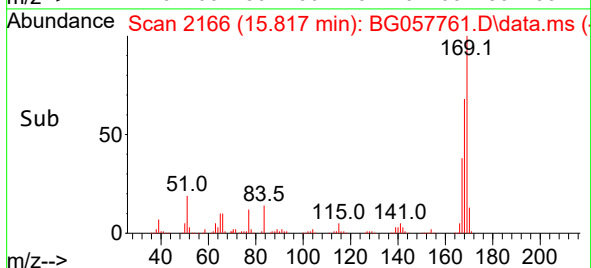
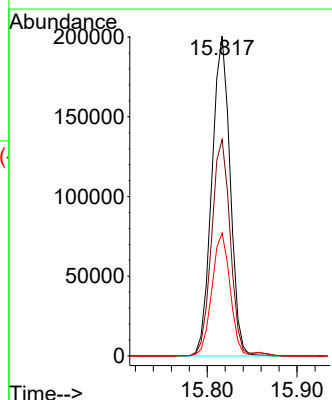
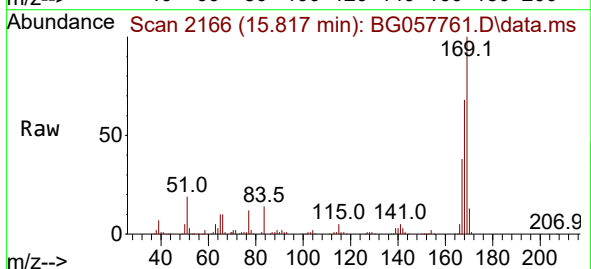
Instrument :  
 BNA\_G  
 ClientSampleId :  
 ICVBG061923

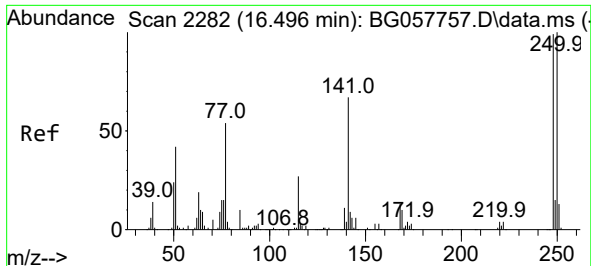
Tgt Ion:198 Resp: 50438  
 Ion Ratio Lower Upper  
 198 100  
 51 54.9 36.6 76.6  
 105 44.4 24.3 64.3



#66  
 n-Nitrosodiphenylamine  
 Concen: 40.433 ng  
 RT: 15.817 min Scan# 2166  
 Delta R.T. 0.003 min  
 Lab File: BG057761.D  
 Acq: 19 Jun 2023 18:59

Tgt Ion:169 Resp: 283660  
 Ion Ratio Lower Upper  
 169 100  
 168 67.6 53.4 80.2  
 167 38.4 31.2 46.8

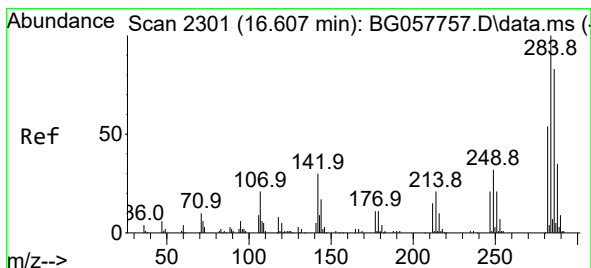
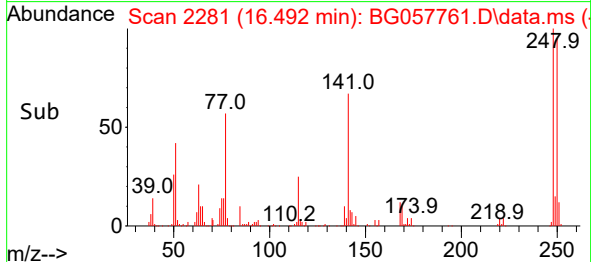
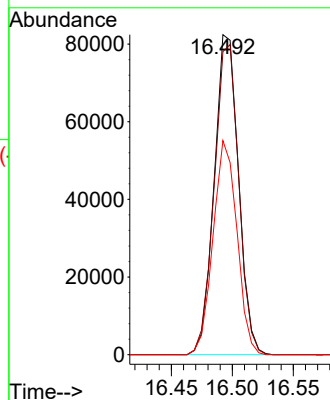
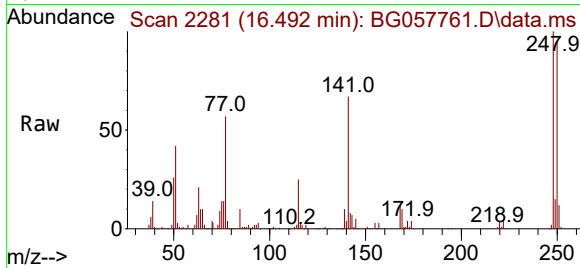




#67  
4-Bromophenyl-phenylether  
Concen: 40.635 ng  
RT: 16.492 min Scan# 211  
Delta R.T. -0.003 min  
Lab File: BG057761.D  
Acq: 19 Jun 2023 18:59

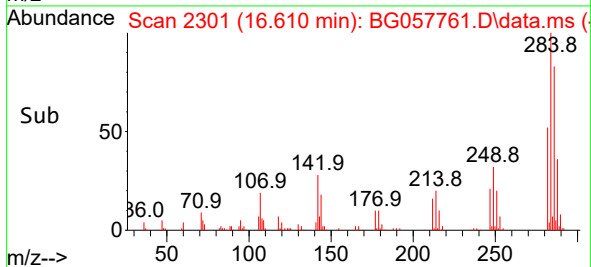
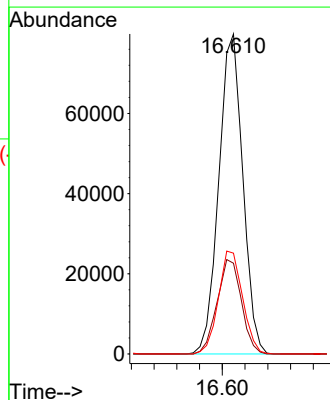
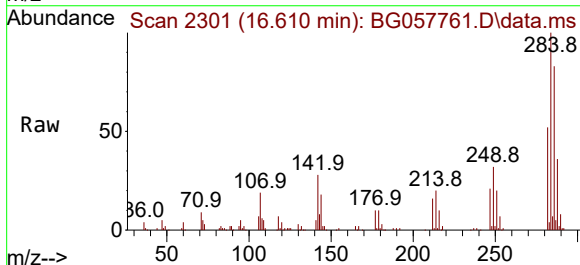
Instrument :  
BNA\_G  
ClientSampleId :  
ICVBG061923

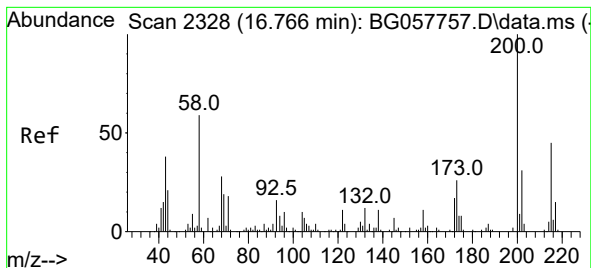
Tgt Ion:248 Resp: 114553  
Ion Ratio Lower Upper  
248 100  
250 94.7 81.1 121.7  
141 66.9 54.6 81.8



#68  
Hexachlorobenzene  
Concen: 40.677 ng  
RT: 16.610 min Scan# 2301  
Delta R.T. 0.003 min  
Lab File: BG057761.D  
Acq: 19 Jun 2023 18:59

Tgt Ion:284 Resp: 116899  
Ion Ratio Lower Upper  
284 100  
142 28.3 24.2 36.4  
249 31.5 25.9 38.9





#69

Atrazine

Concen: 41.116 ng

RT: 16.763 min Scan# 21

Delta R.T. -0.003 min

Lab File: BG057761.D

Acq: 19 Jun 2023 18:59

Instrument :

BNA\_G

ClientSampleId :

ICVBG061923

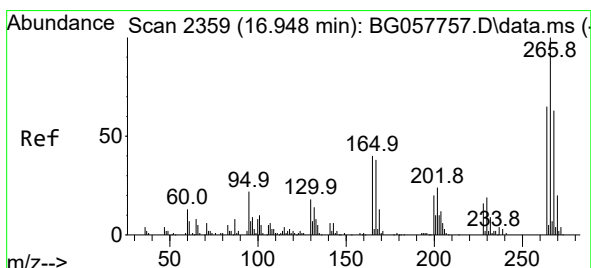
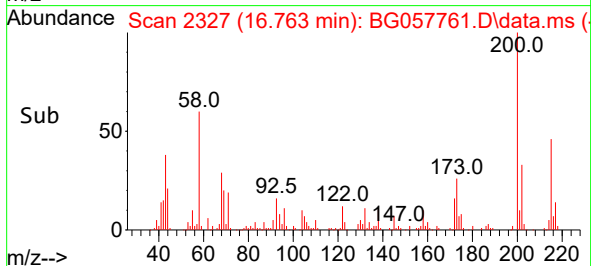
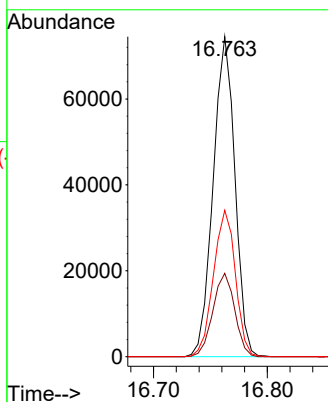
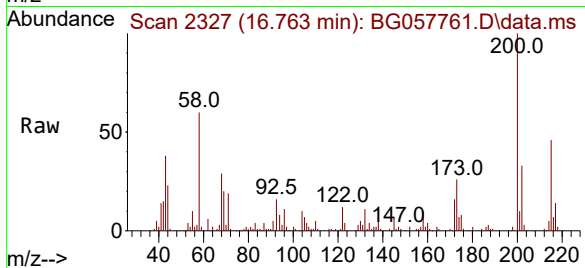
Tgt Ion:200 Resp: 99020

Ion Ratio Lower Upper

200 100

173 26.0 5.6 45.6

215 45.8 24.6 64.6



#70

Pentachlorophenol

Concen: 44.091 ng

RT: 16.951 min Scan# 2359

Delta R.T. 0.003 min

Lab File: BG057761.D

Acq: 19 Jun 2023 18:59

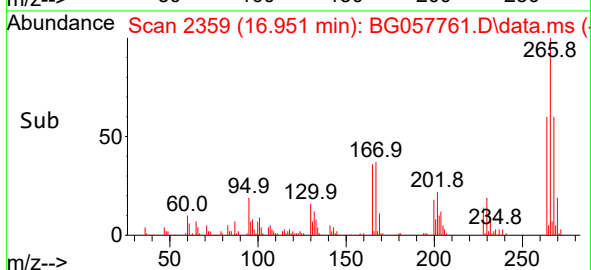
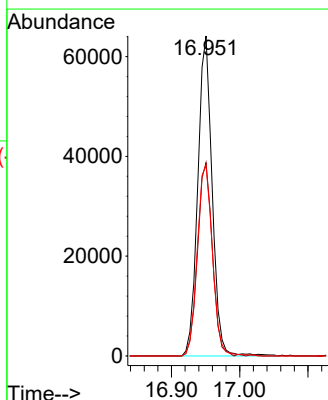
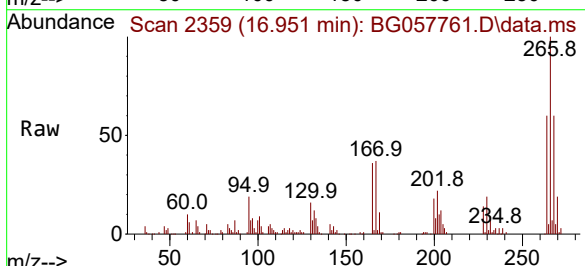
Tgt Ion:266 Resp: 93611

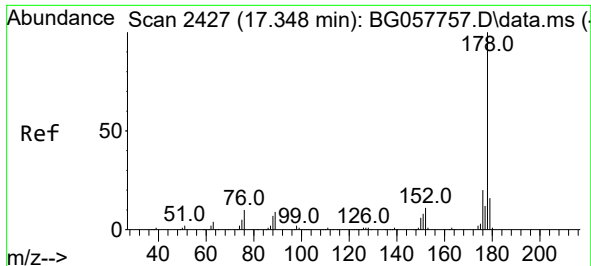
Ion Ratio Lower Upper

266 100

268 60.4 50.5 75.7

264 59.6 51.8 77.6

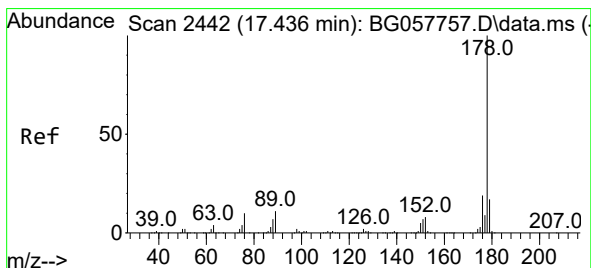
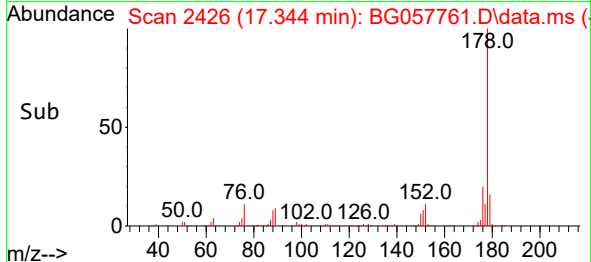
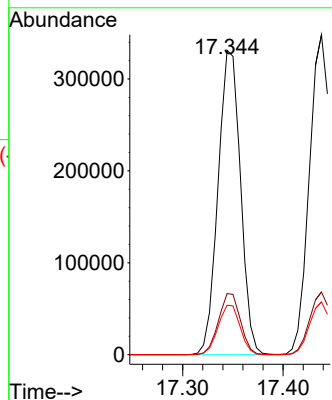
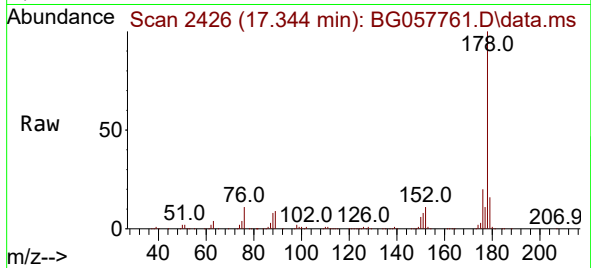




#71  
Phenanthrene  
Concen: 39.952 ng  
RT: 17.344 min Scan# 2427  
Delta R.T. -0.003 min  
Lab File: BG057761.D  
Acq: 19 Jun 2023 18:59

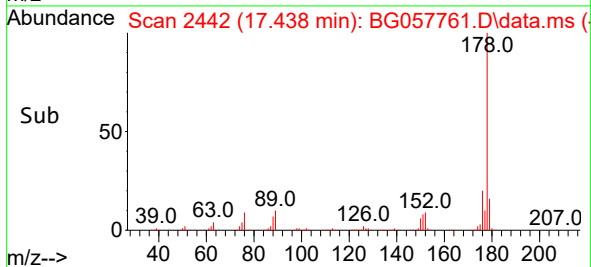
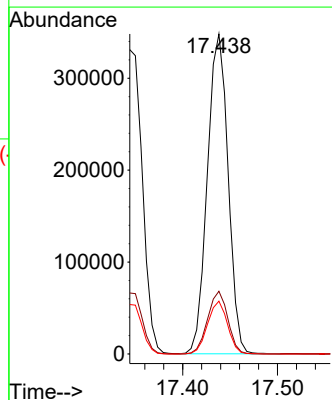
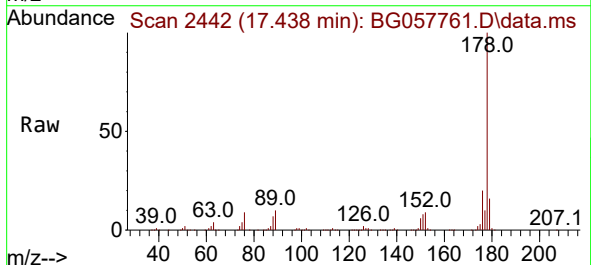
Instrument :  
BNA\_G  
ClientSampleId :  
ICVBG061923

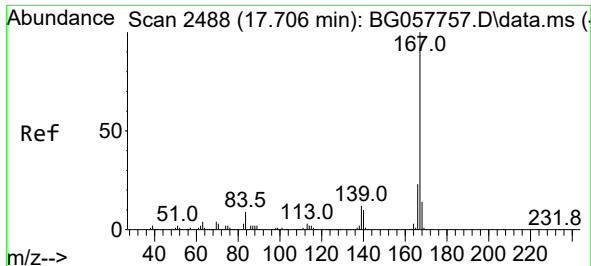
Tgt Ion:178 Resp: 514196  
Ion Ratio Lower Upper  
178 100  
176 20.1 16.3 24.5  
179 16.3 13.0 19.6



#72  
Anthracene  
Concen: 40.158 ng  
RT: 17.438 min Scan# 2442  
Delta R.T. 0.003 min  
Lab File: BG057761.D  
Acq: 19 Jun 2023 18:59

Tgt Ion:178 Resp: 527765  
Ion Ratio Lower Upper  
178 100  
176 19.6 15.4 23.0  
179 16.5 13.3 19.9

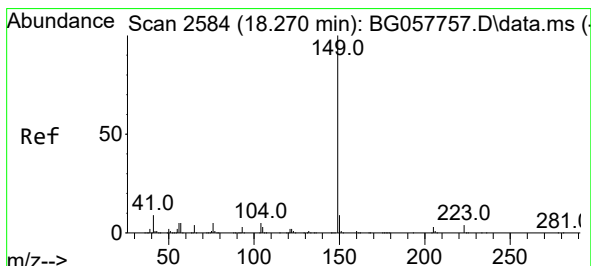
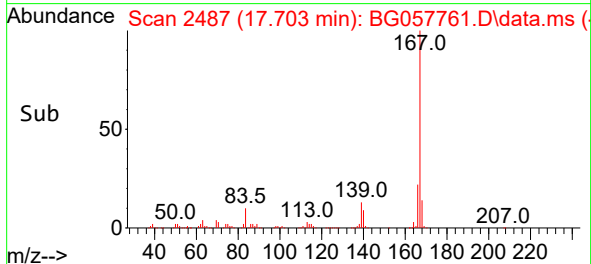
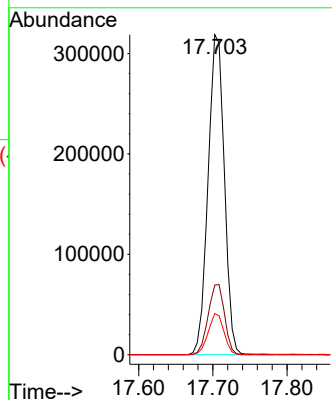
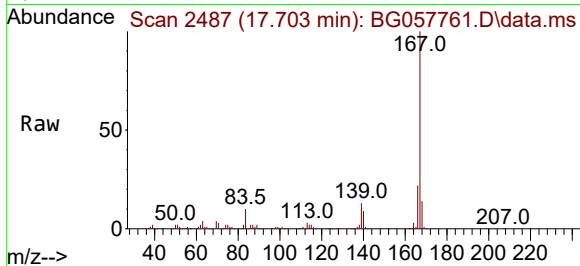




#73  
 Carbazole  
 Concen: 40.172 ng  
 RT: 17.703 min Scan# 2488  
 Delta R.T. -0.003 min  
 Lab File: BG057761.D  
 Acq: 19 Jun 2023 18:59

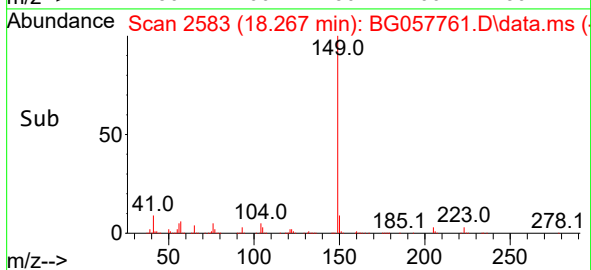
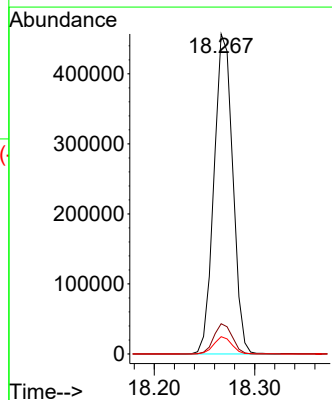
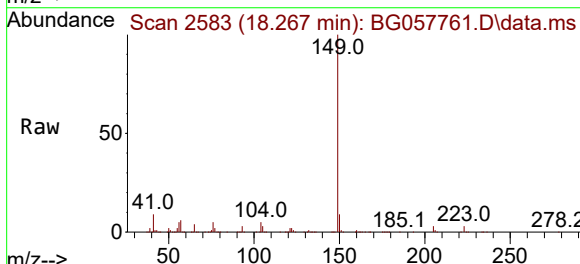
Instrument :  
 BNA\_G  
 ClientSampleId :  
 ICVBG061923

Tgt Ion:167 Resp: 486785  
 Ion Ratio Lower Upper  
 167 100  
 166 21.7 18.4 27.6  
 139 12.9 9.9 14.9

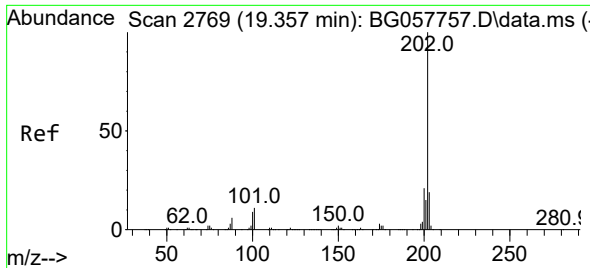


#74  
 Di-n-butylphthalate  
 Concen: 41.324 ng  
 RT: 18.267 min Scan# 2583  
 Delta R.T. -0.003 min  
 Lab File: BG057761.D  
 Acq: 19 Jun 2023 18:59

Tgt Ion:149 Resp: 592909  
 Ion Ratio Lower Upper  
 149 100  
 150 9.4 7.5 11.3  
 104 5.4 4.1 6.1



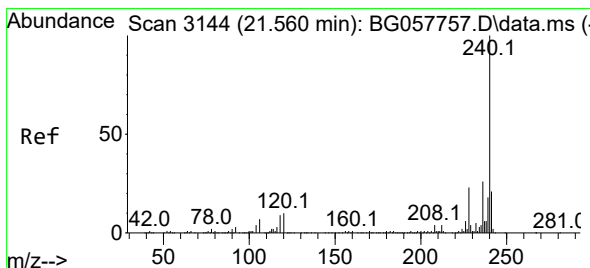
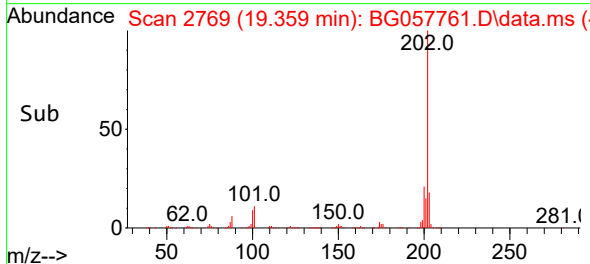
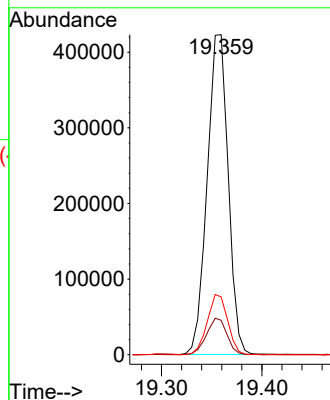
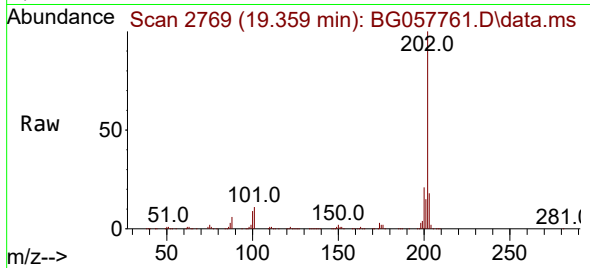




#75  
Fluoranthene  
Concen: 40.251 ng  
RT: 19.359 min Scan# 21  
Delta R.T. 0.003 min  
Lab File: BG057761.D  
Acq: 19 Jun 2023 18:59

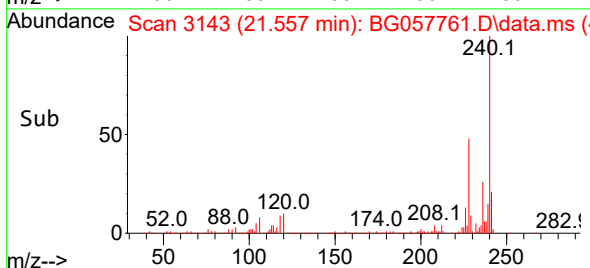
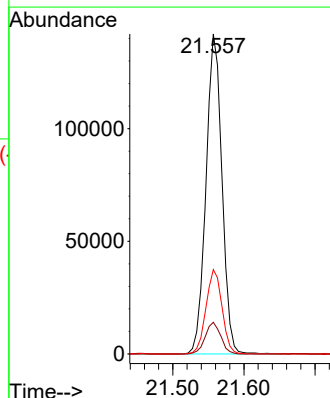
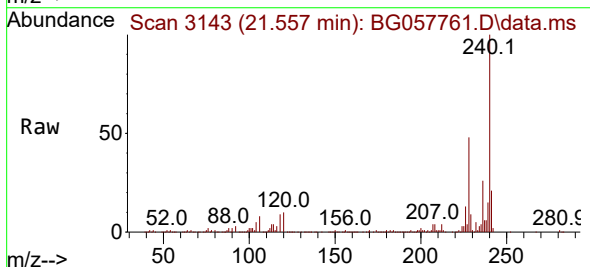
Instrument :  
BNA\_G  
ClientSampleId :  
ICVBG061923

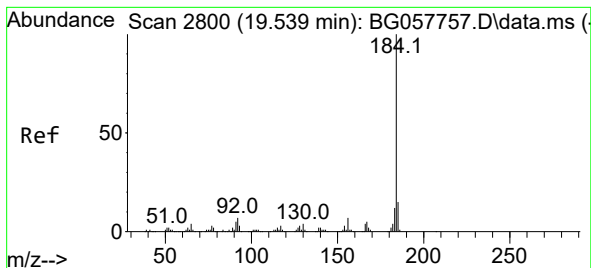
Tgt Ion:202 Resp: 617144  
Ion Ratio Lower Upper  
202 100  
101 10.7 0.0 31.3  
203 18.1 0.0 38.7



#76  
Chrysene-d12  
Concen: 20.000 ng  
RT: 21.557 min Scan# 3143  
Delta R.T. -0.003 min  
Lab File: BG057761.D  
Acq: 19 Jun 2023 18:59

Tgt Ion:240 Resp: 222146  
Ion Ratio Lower Upper  
240 100  
120 9.9 8.1 12.1  
236 26.4 20.6 30.8





#77

Benzidine

Concen: 40.268 ng

RT: 19.536 min Scan# 21

Delta R.T. -0.003 min

Lab File: BG057761.D

Acq: 19 Jun 2023 18:59

Instrument :

BNA\_G

ClientSampleId :

ICVBG061923

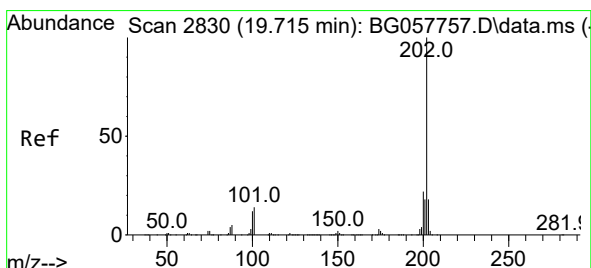
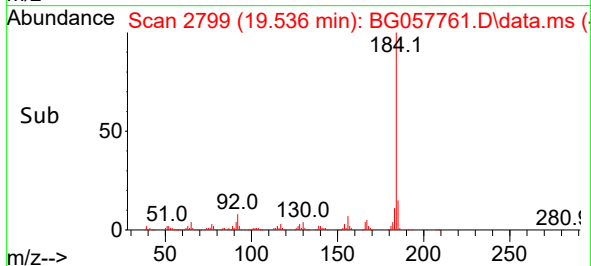
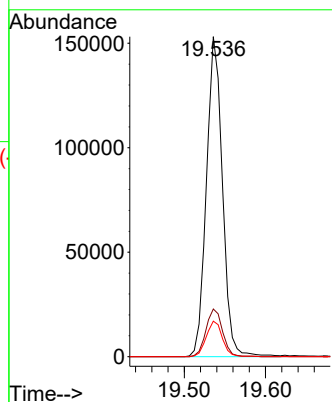
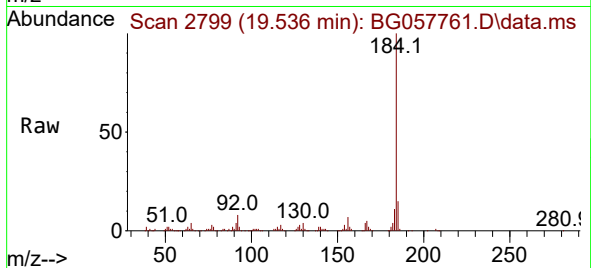
Tgt Ion:184 Resp: 209690

Ion Ratio Lower Upper

184 100

185 14.9 12.0 18.0

183 11.1 9.4 14.0



#78

Pyrene

Concen: 39.640 ng

RT: 19.718 min Scan# 2830

Delta R.T. 0.003 min

Lab File: BG057761.D

Acq: 19 Jun 2023 18:59

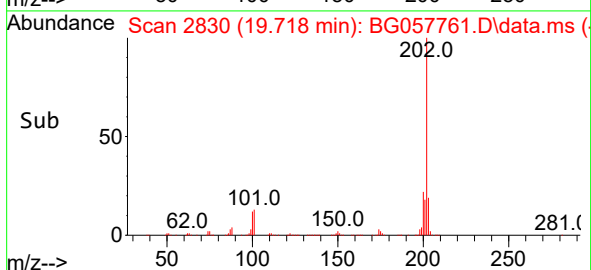
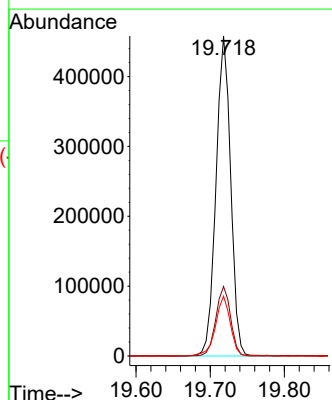
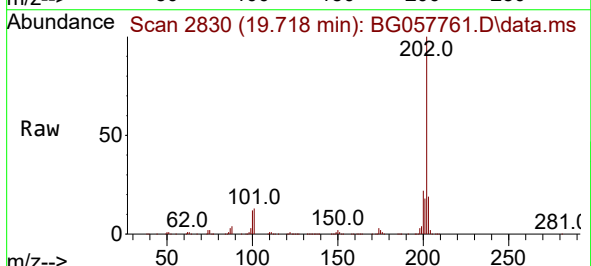
Tgt Ion:202 Resp: 628163

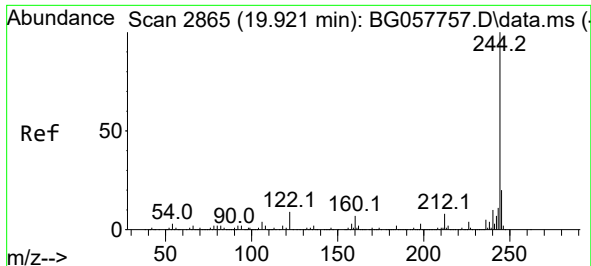
Ion Ratio Lower Upper

202 100

200 21.7 17.4 26.0

203 18.7 14.6 22.0

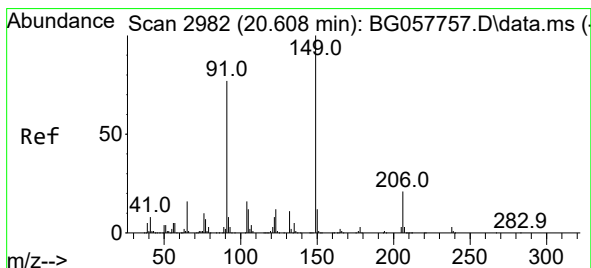
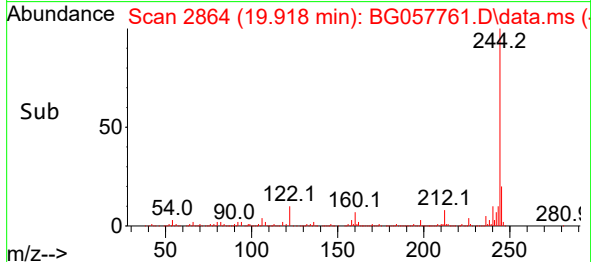
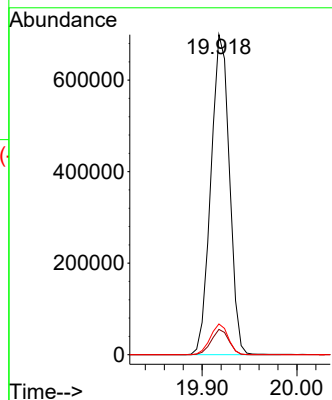
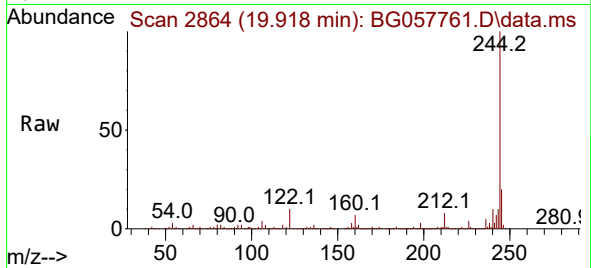




#79  
 Terphenyl-d14  
 Concen: 79.615 ng  
 RT: 19.918 min Scan# 2864  
 Delta R.T. -0.003 min  
 Lab File: BG057761.D  
 Acq: 19 Jun 2023 18:59

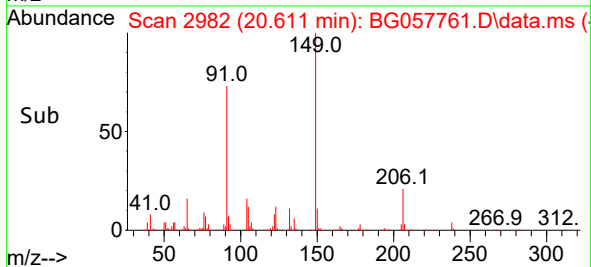
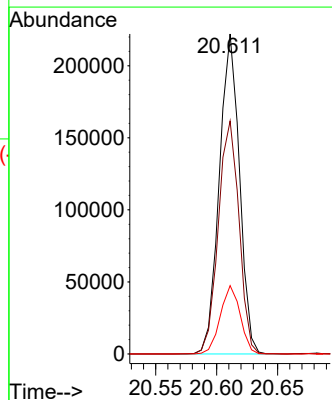
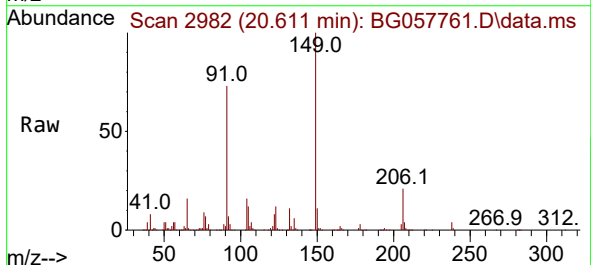
Instrument :  
 BNA\_G  
 ClientSampleId :  
 ICVBG061923

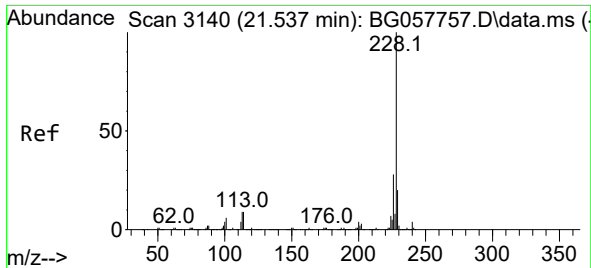
Tgt Ion:244 Resp: 948491  
 Ion Ratio Lower Upper  
 244 100  
 212 7.9 6.1 9.1  
 122 9.6 7.6 11.4



#80  
 Butylbenzylphthalate  
 Concen: 42.308 ng  
 RT: 20.611 min Scan# 2982  
 Delta R.T. 0.003 min  
 Lab File: BG057761.D  
 Acq: 19 Jun 2023 18:59

Tgt Ion:149 Resp: 255043  
 Ion Ratio Lower Upper  
 149 100  
 91 72.8 61.7 92.5  
 206 21.4 16.6 24.8

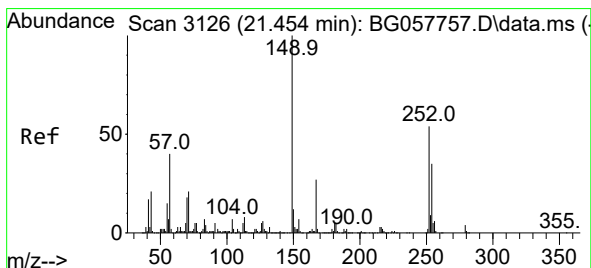
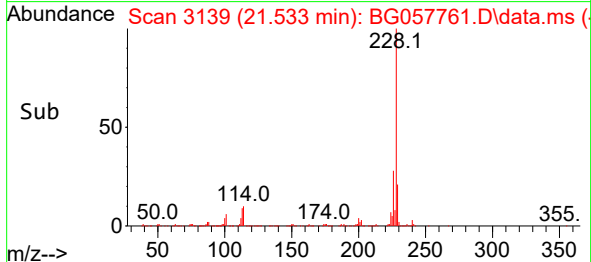
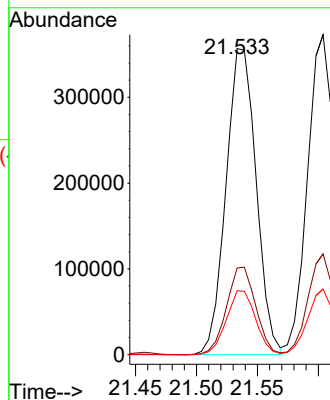
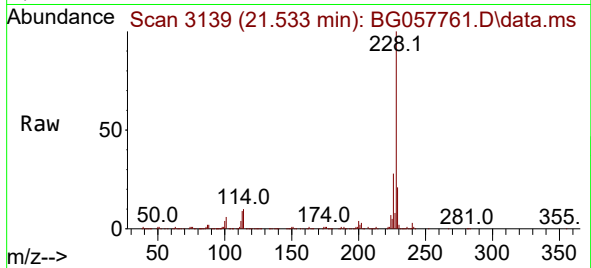




#81  
Benzo(a)anthracene  
Concen: 40.365 ng  
RT: 21.533 min Scan# 3140  
Delta R.T. -0.003 min  
Lab File: BG057761.D  
Acq: 19 Jun 2023 18:59

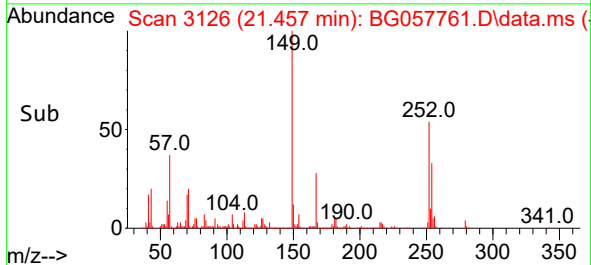
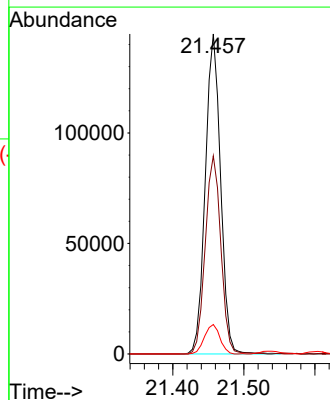
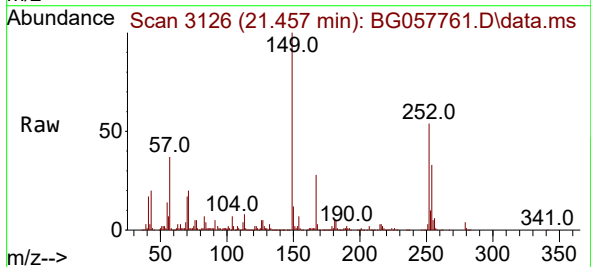
Instrument :  
BNA\_G  
ClientSampleId :  
ICVBG061923

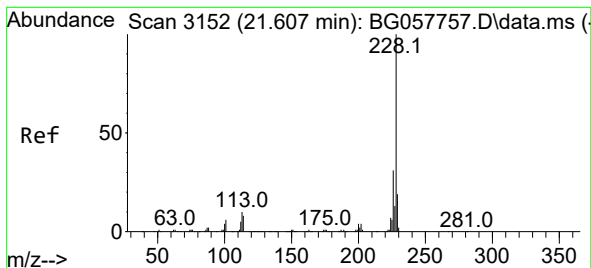
Tgt Ion:228 Resp: 615215  
Ion Ratio Lower Upper  
228 100  
226 28.4 22.3 33.5  
229 20.9 16.3 24.5



#82  
3,3'-Dichlorobenzidine  
Concen: 41.770 ng  
RT: 21.457 min Scan# 3126  
Delta R.T. 0.003 min  
Lab File: BG057761.D  
Acq: 19 Jun 2023 18:59

Tgt Ion:252 Resp: 216530  
Ion Ratio Lower Upper  
252 100  
254 61.9 51.0 76.6  
126 9.2 7.0 10.6





#83

Chrysene

Concen: 40.058 ng

RT: 21.604 min Scan# 3151

Delta R.T. -0.003 min

Lab File: BG057761.D

Acq: 19 Jun 2023 18:59

Instrument :

BNA\_G

ClientSampleId :

ICVBG061923

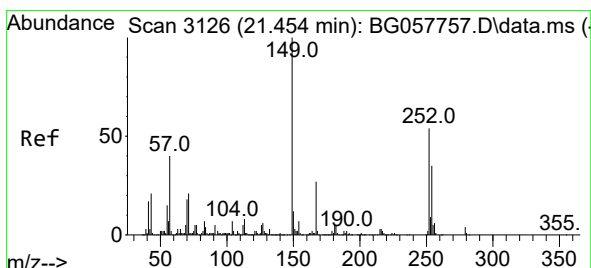
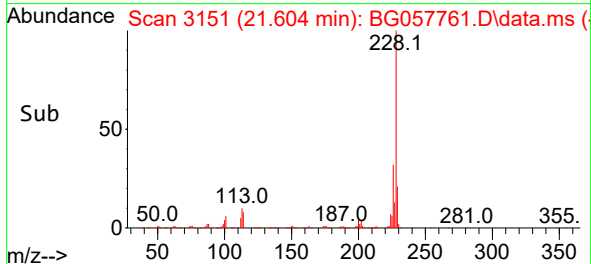
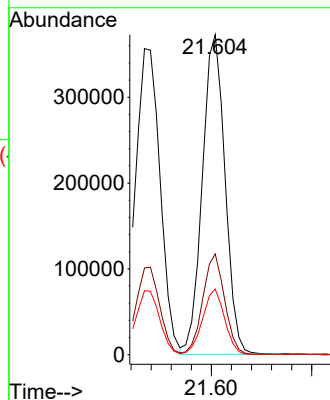
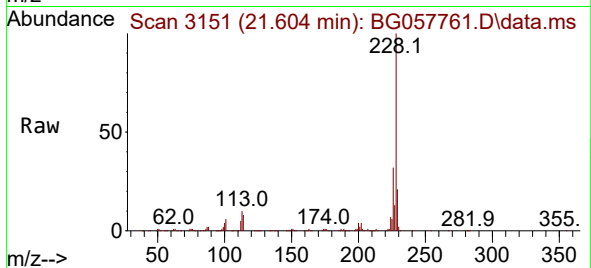
Tgt Ion:228 Resp: 585927

Ion Ratio Lower Upper

228 100

226 31.5 24.8 37.2

229 20.5 15.6 23.4



#84

Bis(2-ethylhexyl)phthalate

Concen: 41.284 ng

RT: 21.457 min Scan# 3126

Delta R.T. 0.003 min

Lab File: BG057761.D

Acq: 19 Jun 2023 18:59

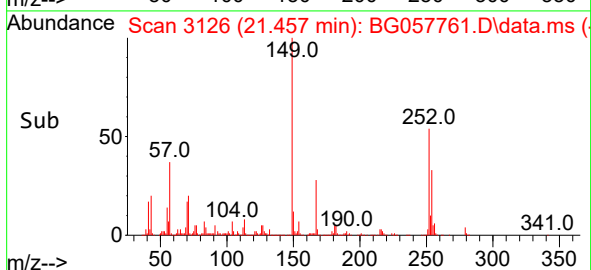
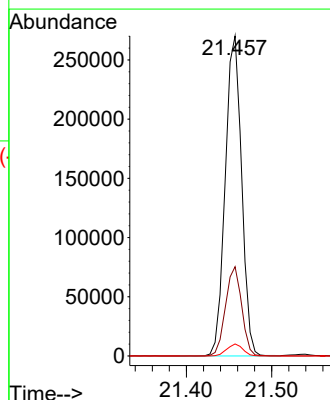
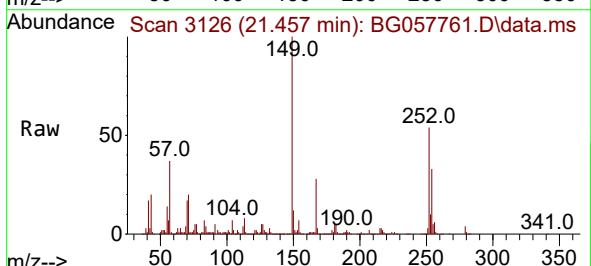
Tgt Ion:149 Resp: 361327

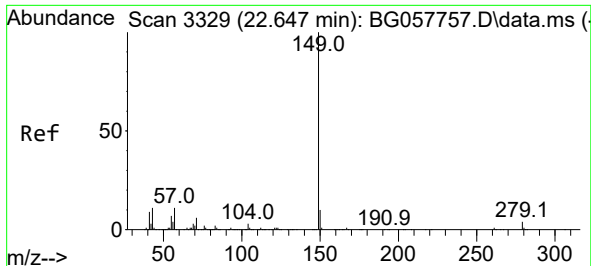
Ion Ratio Lower Upper

149 100

167 27.9 21.8 32.8

279 3.8 2.9 4.3

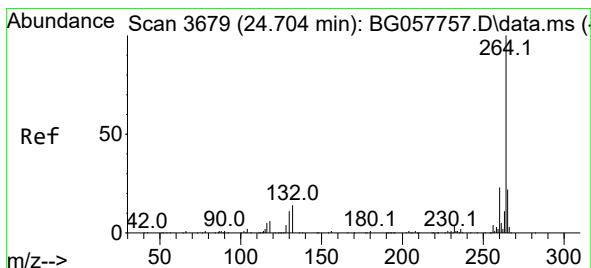
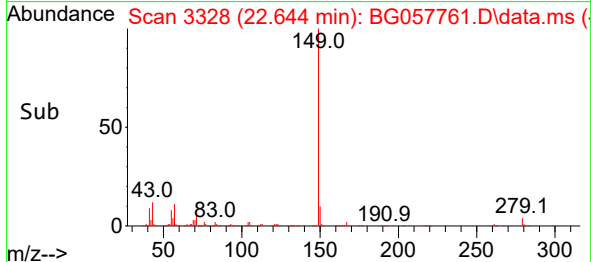
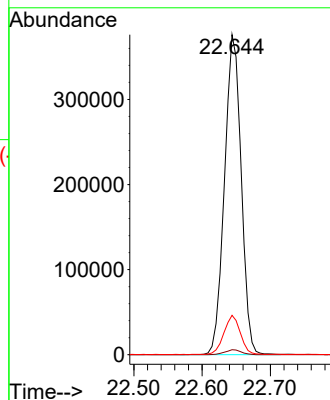
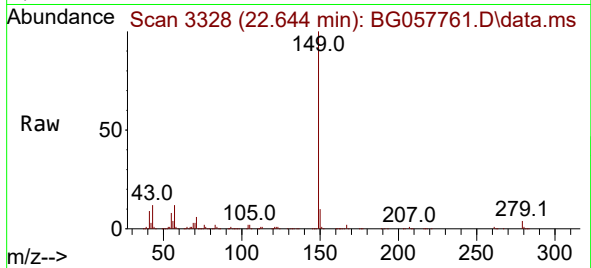




#85  
Di-n-octyl phthalate  
Concen: 41.767 ng  
RT: 22.644 min Scan# 31  
Delta R.T. -0.003 min  
Lab File: BG057761.D  
Acq: 19 Jun 2023 18:59

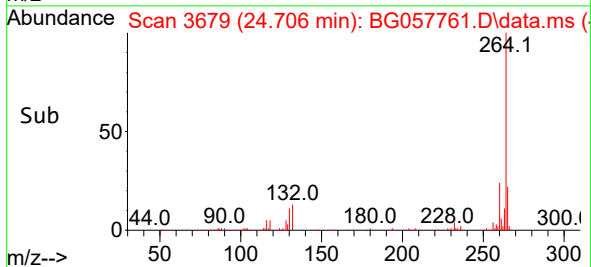
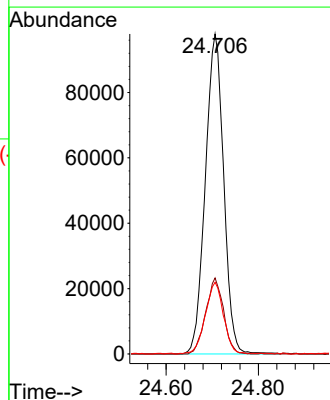
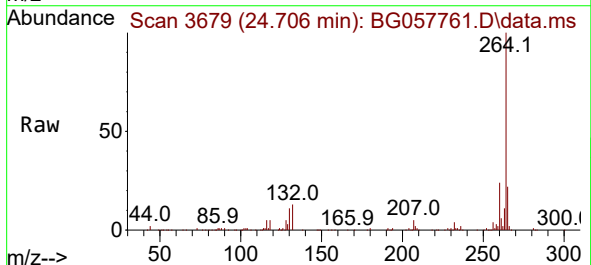
Instrument :  
BNA\_G  
ClientSampleId :  
ICVBG061923

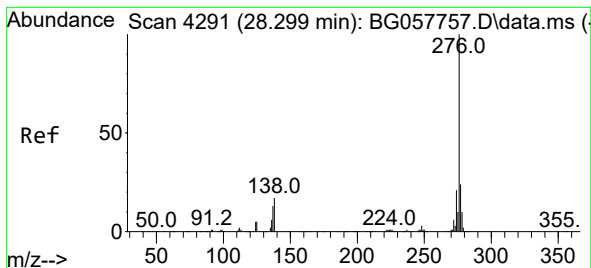
Tgt Ion:149 Resp: 641184  
Ion Ratio Lower Upper  
149 100  
167 1.5 1.2 1.8  
43 12.3 9.6 14.4



#86  
Perylene-d12  
Concen: 20.000 ng  
RT: 24.706 min Scan# 3679  
Delta R.T. 0.003 min  
Lab File: BG057761.D  
Acq: 19 Jun 2023 18:59

Tgt Ion:264 Resp: 271180  
Ion Ratio Lower Upper  
264 100  
260 23.8 18.5 27.7  
265 22.4 17.4 26.2





#87

Indeno(1,2,3-cd)pyrene

Concen: 41.143 ng

RT: 28.296 min Scan# 41

Delta R.T. -0.003 min

Lab File: BG057761.D

Acq: 19 Jun 2023 18:59

Instrument :

BNA\_G

ClientSampleId :

ICVBG061923

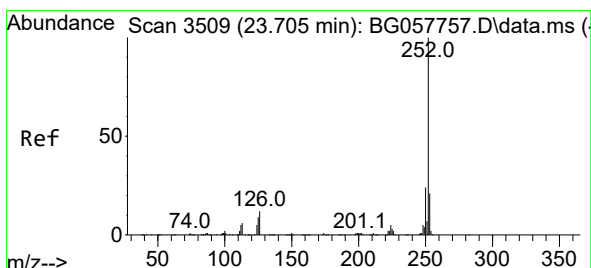
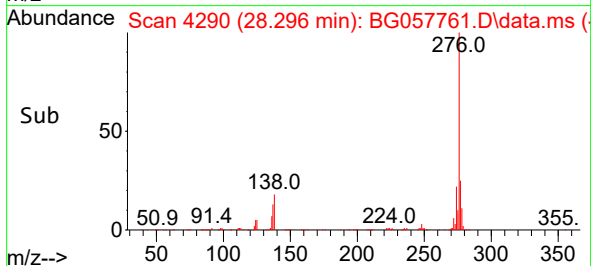
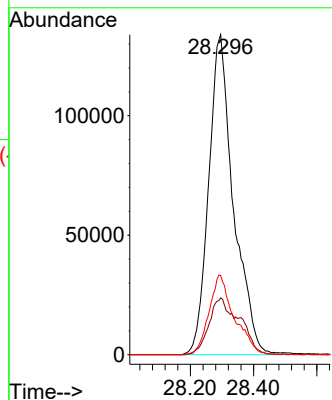
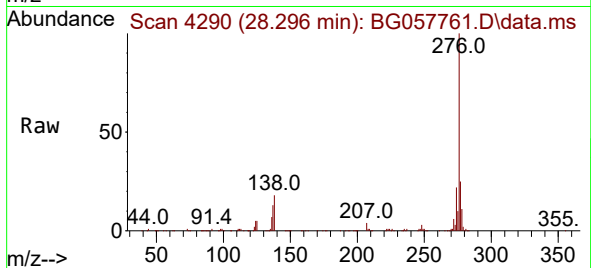
Tgt Ion:276 Resp: 729462

Ion Ratio Lower Upper

276 100

138 21.8 11.3 16.9#

277 25.3 20.4 30.6



#88

Benzo(b)fluoranthene

Concen: 40.587 ng

RT: 23.707 min Scan# 3509

Delta R.T. 0.003 min

Lab File: BG057761.D

Acq: 19 Jun 2023 18:59

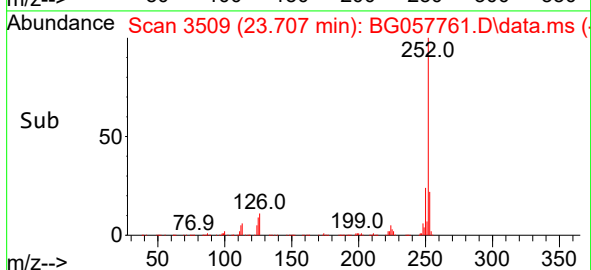
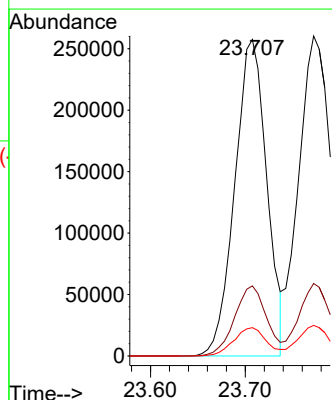
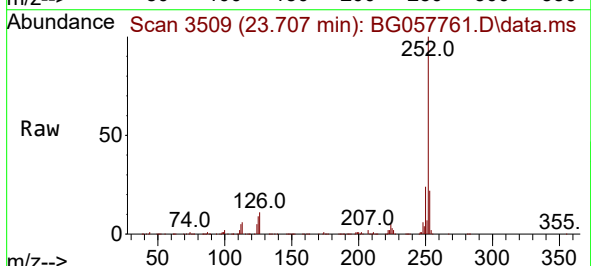
Tgt Ion:252 Resp: 603139

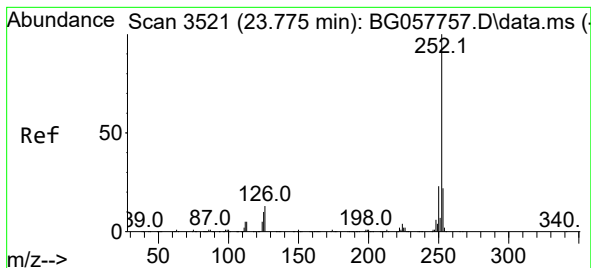
Ion Ratio Lower Upper

252 100

253 22.1 17.1 25.7

125 8.9 7.4 11.0





#89

Benzo(k)fluoranthene

Concen: 41.034 ng

RT: 23.772 min Scan# 3521

Delta R.T. -0.003 min

Lab File: BG057761.D

Acq: 19 Jun 2023 18:59

Instrument :

BNA\_G

ClientSampleId :

ICVBG061923

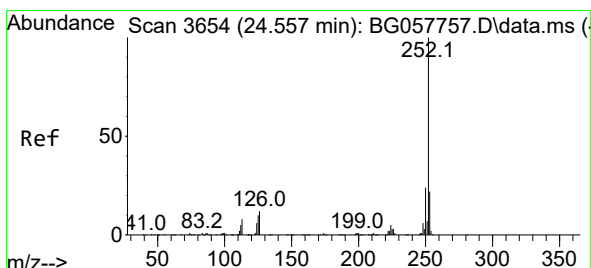
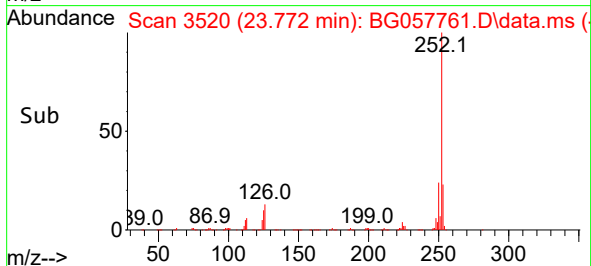
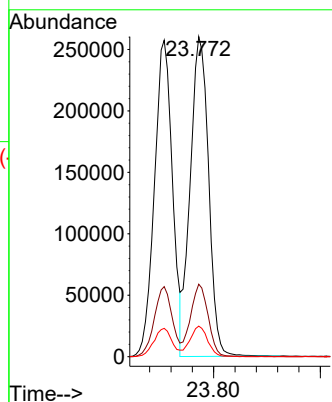
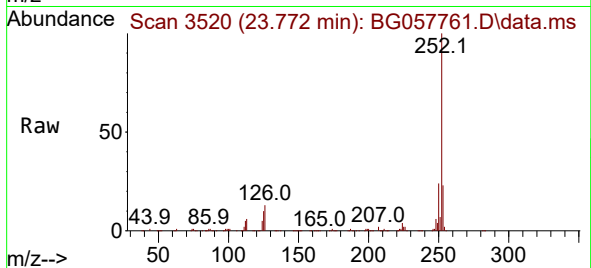
Tgt Ion:252 Resp: 621042

Ion Ratio Lower Upper

252 100

253 22.7 18.0 27.0

125 9.6 7.6 11.4



#90

Benzo(a)pyrene

Concen: 40.905 ng

RT: 24.559 min Scan# 3654

Delta R.T. 0.003 min

Lab File: BG057761.D

Acq: 19 Jun 2023 18:59

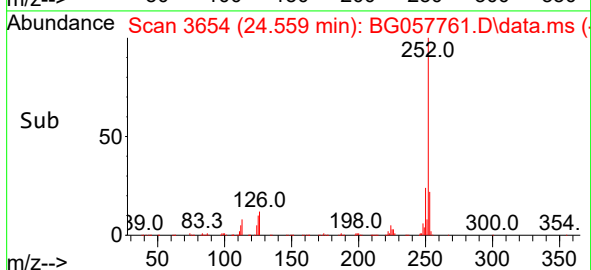
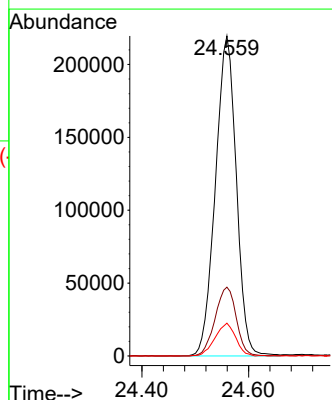
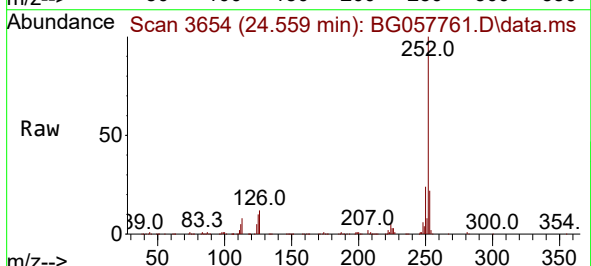
Tgt Ion:252 Resp: 596987

Ion Ratio Lower Upper

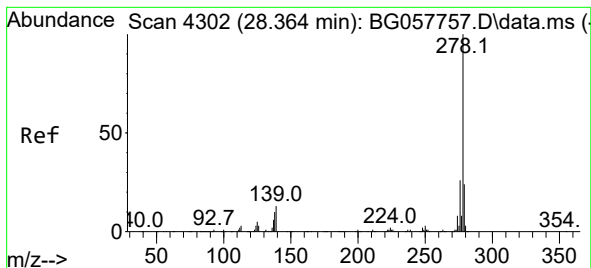
252 100

253 21.5 17.4 26.2

125 10.3 8.0 12.0







#91

Dibenzo(a,h)anthracene

Concen: 41.357 ng

RT: 28.367 min Scan# 41

Delta R.T. 0.003 min

Lab File: BG057761.D

Acq: 19 Jun 2023 18:59

Instrument :

BNA\_G

ClientSampleId :

ICVBG061923

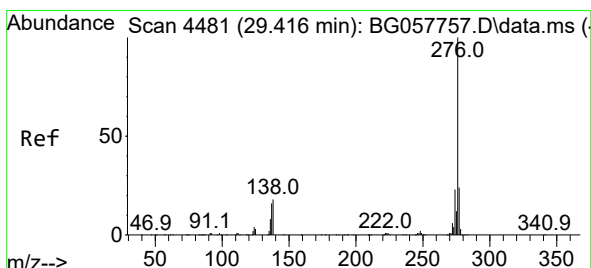
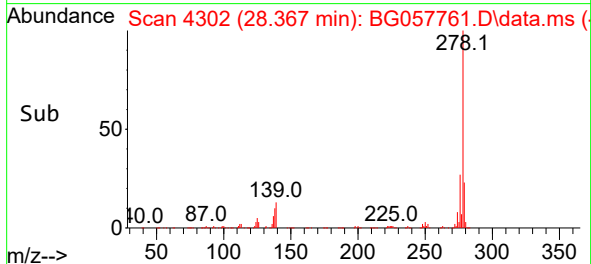
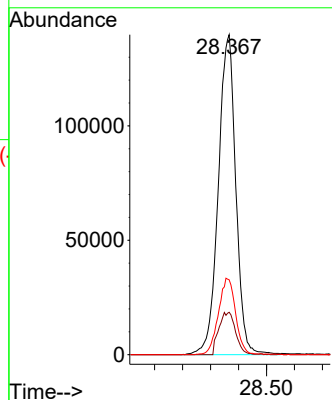
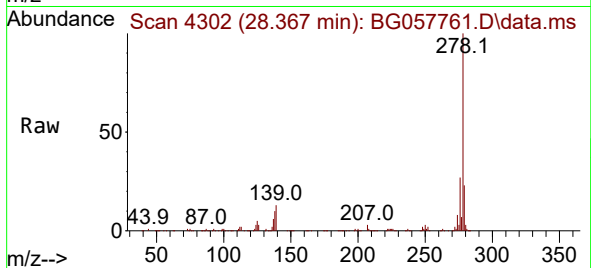
Tgt Ion:278 Resp: 608405

Ion Ratio Lower Upper

278 100

139 13.3 10.8 16.2

279 23.4 19.0 28.4



#92

Benzo(g,h,i)perylene

Concen: 40.888 ng

RT: 29.412 min Scan# 4480

Delta R.T. -0.003 min

Lab File: BG057761.D

Acq: 19 Jun 2023 18:59

Tgt Ion:276 Resp: 602269

Ion Ratio Lower Upper

276 100

277 23.3 19.4 29.0

138 17.5 14.2 21.4

