

Data Path : Z:\svoasrv\HPCHEM1\BNA\_G\Data\BG040324\  
 Data File : BG060758.D  
 Acq On : 3 Apr 2024 11:13  
 Operator : MA/JU  
 Sample : PB159882BS  
 Misc :  
 ALS Vial : 4 Sample Multiplier: 1

Instrument :  
 BNA\_G  
 ClientSampleId :  
 PB159882BS

Quant Time: Apr 03 11:51:23 2024  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_G\Methods\8270-BG032924.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Sat Mar 30 03:12:26 2024  
 Response via : Initial Calibration

| Compound                  | R.T.   | QIon | Response | Conc   | Units | Dev(Min) |
|---------------------------|--------|------|----------|--------|-------|----------|
| -----                     |        |      |          |        |       |          |
| Internal Standards        |        |      |          |        |       |          |
| 1) 1,4-Dichlorobenzene-d4 | 7.958  | 152  | 50805    | 20.000 | ng    | 0.00     |
| 21) Naphthalene-d8        | 10.761 | 136  | 220659   | 20.000 | ng    | 0.00     |
| 39) Acenaphthene-d10      | 14.592 | 164  | 181120   | 20.000 | ng    | 0.00     |
| 64) Phenanthrene-d10      | 17.335 | 188  | 492550   | 20.000 | ng    | 0.00     |
| 76) Chrysene-d12          | 21.601 | 240  | 457691   | 20.000 | ng    | 0.00     |
| 86) Perylene-d12          | 24.744 | 264  | 511535   | 20.000 | ng    | 0.00     |

|                             |        |     |         |         |    |      |
|-----------------------------|--------|-----|---------|---------|----|------|
| System Monitoring Compounds |        |     |         |         |    |      |
| 5) 2-Fluorophenol           | 5.543  | 112 | 542969  | 178.039 | ng | 0.00 |
| 7) Phenol-d6                | 7.124  | 99  | 610988  | 134.967 | ng | 0.00 |
| 23) Nitrobenzene-d5         | 9.116  | 82  | 383839  | 99.259  | ng | 0.00 |
| 42) 2,4,6-Tribromophenol    | 16.078 | 330 | 373794  | 181.806 | ng | 0.00 |
| 45) 2-Fluorobiphenyl        | 13.217 | 172 | 1007898 | 81.671  | ng | 0.00 |
| 79) Terphenyl-d14           | 19.962 | 244 | 2171913 | 83.558  | ng | 0.00 |

|                               |        |     |        |        |         |
|-------------------------------|--------|-----|--------|--------|---------|
| Target Compounds              |        |     |        |        | Qvalue  |
| 2) 1,4-Dioxane                | 3.463  | 88  | 51918  | 41.522 | ng 96   |
| 3) Pyridine                   | 3.845  | 79  | 139345 | 36.946 | ng 92   |
| 4) n-Nitrosodimethylamine     | 3.763  | 42  | 116431 | 51.645 | ng 97   |
| 6) Aniline                    | 7.282  | 93  | 107548 | 18.813 | ng 99   |
| 8) 2-Chlorophenol             | 7.523  | 128 | 179203 | 51.831 | ng 96   |
| 9) Benzaldehyde               | 7.094  | 77  | 20260  | 8.116  | ng 95   |
| 10) Phenol                    | 7.147  | 94  | 231480 | 50.104 | ng 100  |
| 11) bis(2-Chloroethyl)ether   | 7.382  | 93  | 149996 | 40.213 | ng 98   |
| 12) 1,3-Dichlorobenzene       | 7.852  | 146 | 162531 | 45.204 | ng 99   |
| 13) 1,4-Dichlorobenzene       | 7.993  | 146 | 168405 | 45.909 | ng 100  |
| 14) 1,2-Dichlorobenzene       | 8.311  | 146 | 164128 | 45.657 | ng 97   |
| 15) Benzyl Alcohol            | 8.193  | 79  | 174137 | 47.488 | ng 94   |
| 16) 2,2'-oxybis(1-Chloropr... | 8.487  | 45  | 366979 | 43.595 | ng 98   |
| 17) 2-Methylphenol            | 8.399  | 107 | 158891 | 45.557 | ng 95   |
| 18) Hexachloroethane          | 9.045  | 117 | 60244  | 46.242 | ng 94   |
| 19) n-Nitroso-di-n-propyla... | 8.769  | 70  | 146689 | 42.491 | ng 97   |
| 20) 3+4-Methylphenols         | 8.722  | 107 | 228190 | 47.778 | ng 98   |
| 22) Acetophenone              | 8.775  | 105 | 274780 | 45.162 | ng 97   |
| 24) Nitrobenzene              | 9.157  | 77  | 200573 | 46.678 | ng 96   |
| 25) Isophorone                | 9.686  | 82  | 393761 | 44.209 | ng 98   |
| 26) 2-Nitrophenol             | 9.868  | 139 | 85191  | 54.887 | ng # 88 |
| 27) 2,4-Dimethylphenol        | 9.926  | 122 | 146367 | 40.909 | ng 96   |
| 28) bis(2-Chloroethoxy)met... | 10.167 | 93  | 229211 | 43.589 | ng 98   |
| 29) 2,4-Dichlorophenol        | 10.402 | 162 | 179008 | 54.484 | ng 99   |
| 30) 1,2,4-Trichlorobenzene    | 10.620 | 180 | 174827 | 46.992 | ng 98   |
| 31) Naphthalene               | 10.808 | 128 | 525653 | 44.038 | ng 99   |
| 32) Benzoic acid              | 10.056 | 122 | 142986 | 58.348 | ng 95   |
| 33) 4-Chloroaniline           | 10.908 | 127 | 84840  | 15.303 | ng 97   |
| 34) Hexachlorobutadiene       | 11.102 | 225 | 114386 | 46.134 | ng 99   |
| 35) Caprolactam               | 11.683 | 113 | 44158  | 33.935 | ng 96   |
| 36) 4-Chloro-3-methylphenol   | 12.036 | 107 | 224805 | 53.562 | ng 100  |
| 37) 2-Methylnaphthalene       | 12.418 | 142 | 382669 | 43.606 | ng 99   |
| 38) 1-Methylnaphthalene       | 12.635 | 142 | 367480 | 44.327 | ng 97   |
| 40) 1,2,4,5-Tetrachloroben... | 12.782 | 216 | 232896 | 44.727 | ng 99   |
| 41) Hexachlorocyclopentadiene | 12.770 | 237 | 247885 | 93.625 | ng 97   |
| 43) 2,4,6-Trichlorophenol     | 13.017 | 196 | 174394 | 52.014 | ng 98   |

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 Sample : PB159882BS  
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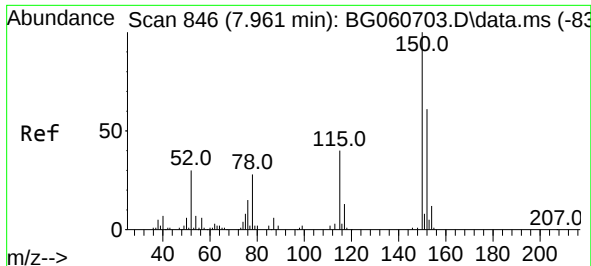
Quant Time: Apr 03 11:51:23 2024  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_G\Methods\8270-BG032924.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Sat Mar 30 03:12:26 2024  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc    | Units | Dev(Min) |
|-------------------------------|--------|------|----------|---------|-------|----------|
| 44) 2,4,5-Trichlorophenol     | 13.093 | 196  | 201257   | 50.298  | ng    | 100      |
| 46) 1,1'-Biphenyl             | 13.428 | 154  | 559592   | 43.741  | ng    | 100      |
| 47) 2-Chloronaphthalene       | 13.463 | 162  | 436698   | 44.928  | ng    | 98       |
| 48) 2-Nitroaniline            | 13.657 | 65   | 175024   | 54.314  | ng    | 97       |
| 49) Acenaphthylene            | 14.310 | 152  | 778760   | 47.684  | ng    | 99       |
| 50) Dimethylphthalate         | 14.051 | 163  | 663833   | 46.370  | ng    | 99       |
| 51) 2,6-Dinitrotoluene        | 14.163 | 165  | 136213   | 52.768  | ng    | 95       |
| 52) Acenaphthene              | 14.656 | 154  | 443718   | 43.272  | ng    | 99       |
| 53) 3-Nitroaniline            | 14.486 | 138  | 94060    | 34.316  | ng    | 99       |
| 54) 2,4-Dinitrophenol         | 14.691 | 184  | 167143   | 167.735 | ng    | 87       |
| 55) Dibenzofuran              | 14.991 | 168  | 751444   | 46.459  | ng    | 99       |
| 56) 4-Nitrophenol             | 14.797 | 139  | 278336   | 132.995 | ng    | 97       |
| 57) 2,4-Dinitrotoluene        | 14.950 | 165  | 207255   | 60.466  | ng    | 91       |
| 58) Fluorene                  | 15.637 | 166  | 624744   | 48.127  | ng    | 99       |
| 59) 2,3,4,6-Tetrachlorophenol | 15.214 | 232  | 199557   | 57.229  | ng    | 99       |
| 60) Diethylphthalate          | 15.420 | 149  | 695036   | 48.257  | ng    | 99       |
| 61) 4-Chlorophenyl-phenyle... | 15.637 | 204  | 324702   | 47.280  | ng    | 95       |
| 62) 4-Nitroaniline            | 15.655 | 138  | 158210   | 60.446  | ng    | 95       |
| 63) Azobenzene                | 15.931 | 77   | 657318   | 46.835  | ng    | 98       |
| 65) 4,6-Dinitro-2-methylph... | 15.714 | 198  | 114851   | 55.256  | ng    | 99       |
| 66) n-Nitrosodiphenylamine    | 15.849 | 169  | 607110   | 43.133  | ng    | 99       |
| 67) 4-Bromophenyl-phenylether | 16.530 | 248  | 228780   | 45.768  | ng    | 98       |
| 68) Hexachlorobenzene         | 16.642 | 284  | 262745   | 46.562  | ng    | 96       |
| 69) Atrazine                  | 16.801 | 200  | 200083   | 40.650  | ng    | 99       |
| 70) Pentachlorophenol         | 16.983 | 266  | 375699   | 102.036 | ng    | 96       |
| 71) Phenanthrene              | 17.382 | 178  | 1137157  | 44.392  | ng    | 100      |
| 72) Anthracene                | 17.471 | 178  | 1152470  | 44.300  | ng    | 99       |
| 73) Carbazole                 | 17.735 | 167  | 1053348  | 45.923  | ng    | 99       |
| 74) Di-n-butylphthalate       | 18.322 | 149  | 1277382  | 44.670  | ng    | 99       |
| 75) Fluoranthene              | 19.392 | 202  | 1396626  | 44.930  | ng    | 98       |
| 77) Benzidine                 | 19.568 | 184  | 393502   | 32.650  | ng    | 99       |
| 78) Pyrene                    | 19.750 | 202  | 1447490  | 45.220  | ng    | 100      |
| 80) Butylbenzylphthalate      | 20.661 | 149  | 574929   | 49.237  | ng    | 98       |
| 81) Benzo(a)anthracene        | 21.583 | 228  | 1476115  | 45.753  | ng    | 98       |
| 82) 3,3'-Dichlorobenzidine    | 21.501 | 252  | 409532   | 37.594  | ng    | 98       |
| 83) Chrysene                  | 21.648 | 228  | 1382699  | 44.465  | ng    | 100      |
| 84) Bis(2-ethylhexyl)phtha... | 21.530 | 149  | 851632   | 45.759  | ng    | 98       |
| 85) Di-n-octyl phthalate      | 22.729 | 149  | 1491102  | 49.179  | ng    | 99       |
| 87) Indeno(1,2,3-cd)pyrene    | 28.323 | 276  | 1759622  | 48.848  | ng    | 99       |
| 88) Benzo(b)fluoranthene      | 23.757 | 252  | 1432849  | 48.757  | ng    | 100      |
| 89) Benzo(k)fluoranthene      | 23.822 | 252  | 1446248  | 48.081  | ng    | 99       |
| 90) Benzo(a)pyrene            | 24.603 | 252  | 1319745  | 46.211  | ng    | 99       |
| 91) Dibenzo(a,h)anthracene    | 28.399 | 278  | 1466846  | 48.305  | ng    | 98       |
| 92) Benzo(g,h,i)perylene      | 29.433 | 276  | 1389902  | 47.053  | ng    | 99       |

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

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QLast Update : Sat Mar 30 03:12:26 2024  
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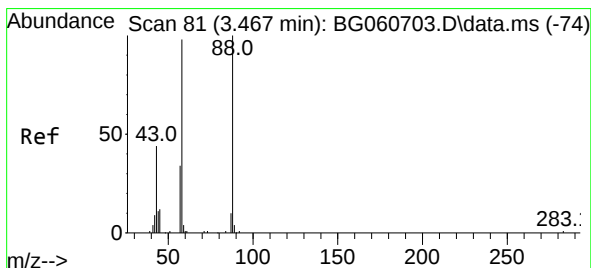
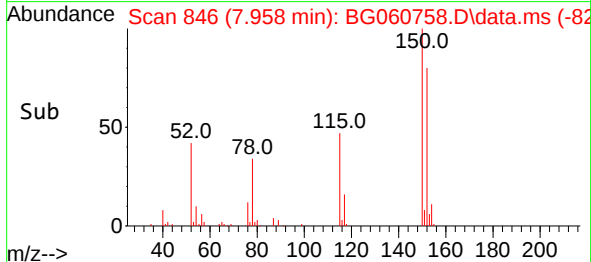
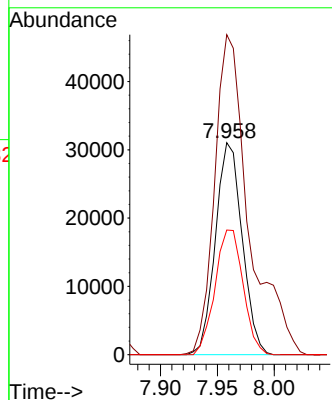
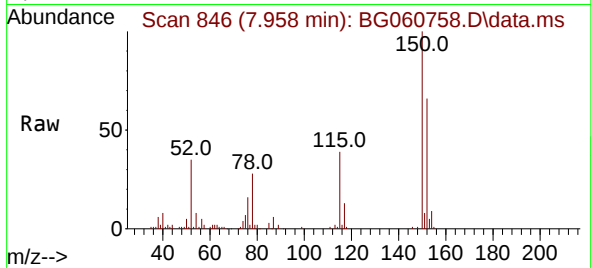




#1  
 1,4-Dichlorobenzene-d4  
 Concen: 20.000 ng  
 RT: 7.958 min Scan# 84  
 Delta R.T. -0.003 min  
 Lab File: BG060758.D  
 Acq: 3 Apr 2024 11:13

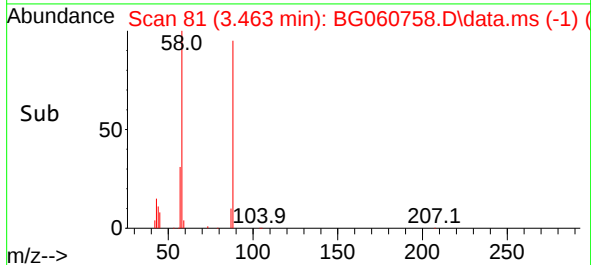
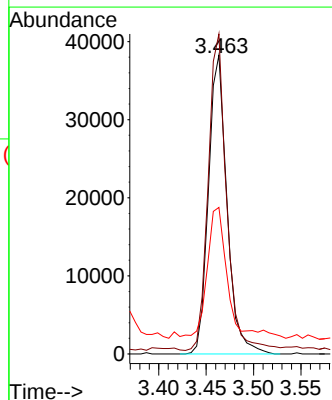
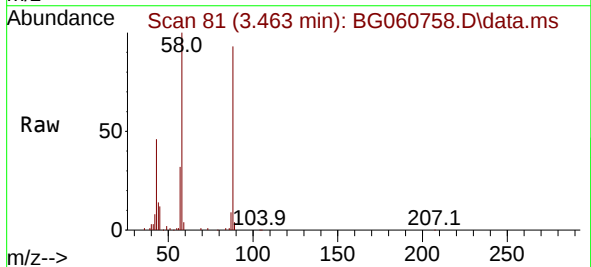
Instrument :  
 BNA\_G  
 ClientSampleId :  
 PB159882BS

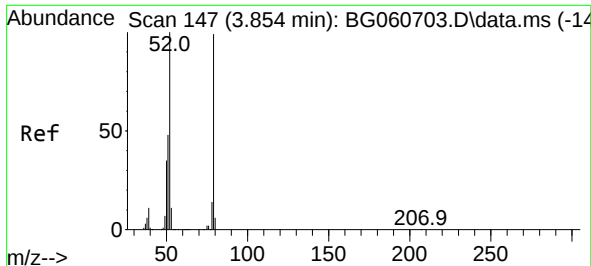
Tgt Ion:152 Resp: 50805  
 Ion Ratio Lower Upper  
 152 100  
 150 150.9 130.2 195.4  
 115 58.7 51.6 77.4



#2  
 1,4-Dioxane  
 Concen: 41.522 ng  
 RT: 3.463 min Scan# 81  
 Delta R.T. -0.003 min  
 Lab File: BG060758.D  
 Acq: 3 Apr 2024 11:13

Tgt Ion: 88 Resp: 51918  
 Ion Ratio Lower Upper  
 88 100  
 58 104.4 80.9 121.3  
 43 47.8 35.4 53.0

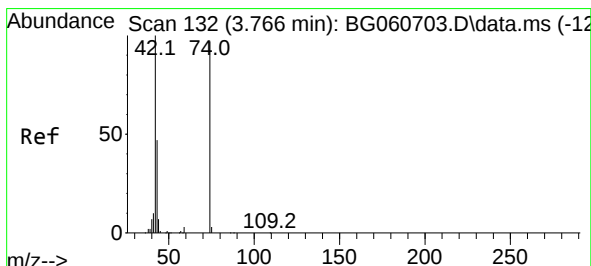
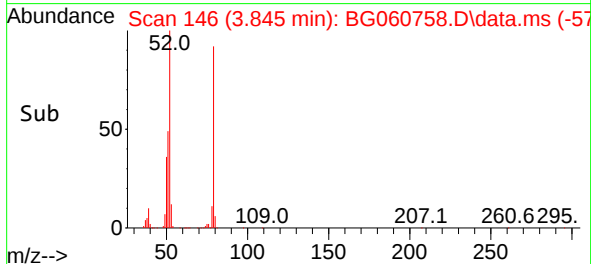
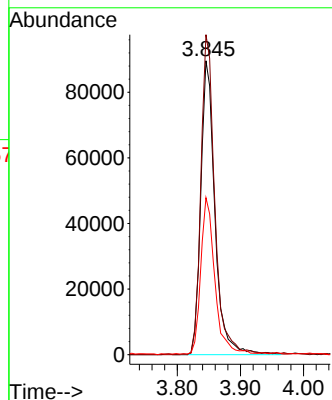
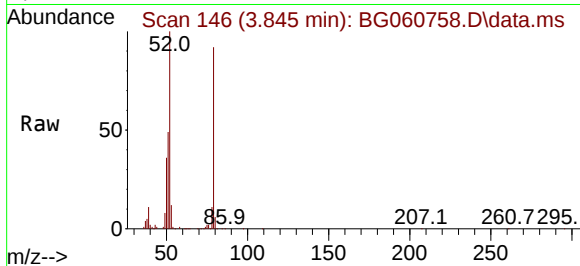




#3  
Pyridine  
Concen: 36.946 ng  
RT: 3.845 min Scan# 147  
Delta R.T. -0.009 min  
Lab File: BG060758.D  
Acq: 3 Apr 2024 11:13

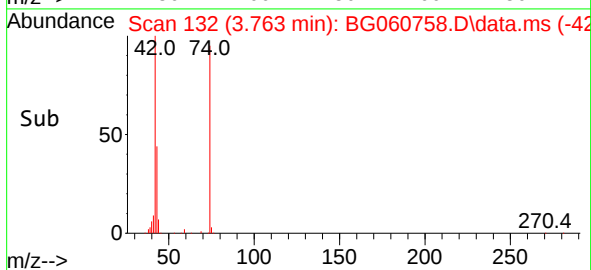
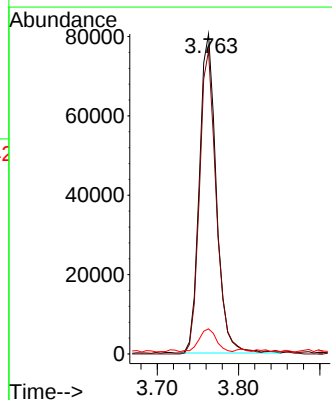
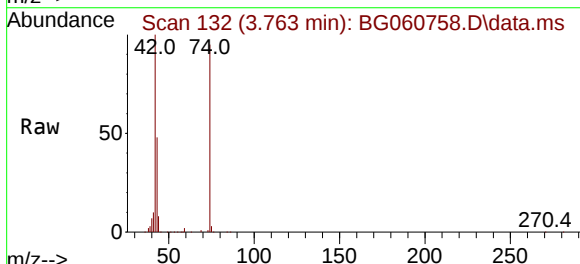
Instrument :  
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ClientSampleId :  
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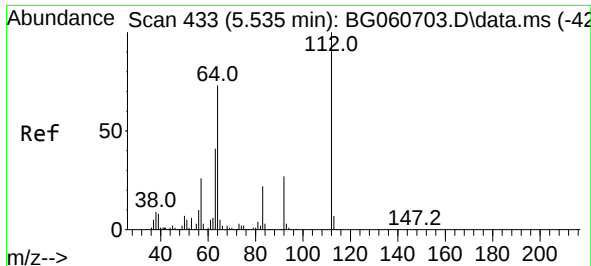
Tgt Ion: 79 Resp: 139345  
Ion Ratio Lower Upper  
79 100  
52 108.8 80.6 120.8  
51 53.4 39.1 58.7



#4  
n-Nitrosodimethylamine  
Concen: 51.645 ng  
RT: 3.763 min Scan# 132  
Delta R.T. -0.003 min  
Lab File: BG060758.D  
Acq: 3 Apr 2024 11:13

Tgt Ion: 42 Resp: 116431  
Ion Ratio Lower Upper  
42 100  
74 94.7 77.8 116.8  
44 7.9 6.8 10.2

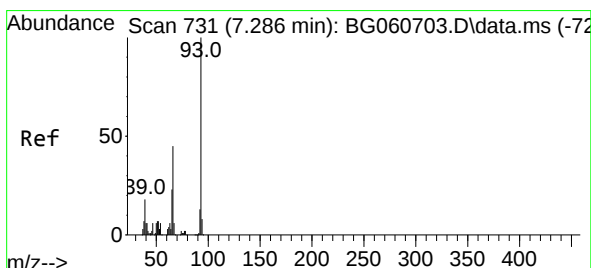
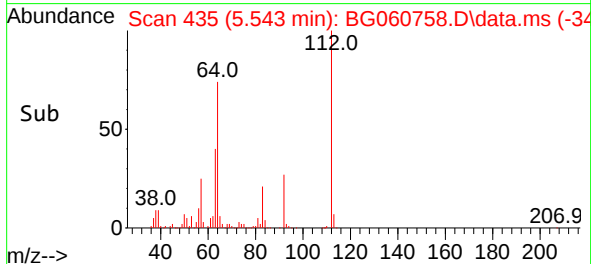
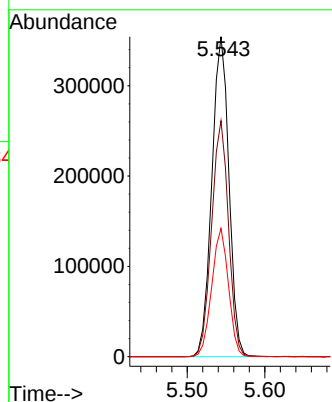
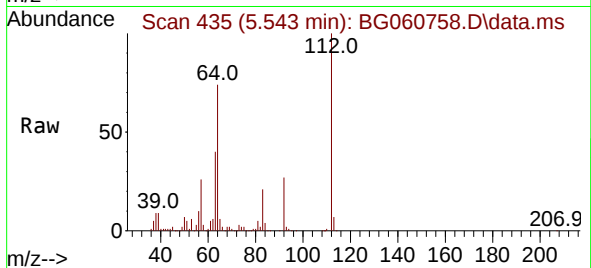




#5  
2-Fluorophenol  
Concen: 178.039 ng  
RT: 5.543 min Scan# 411  
Delta R.T. 0.009 min  
Lab File: BG060758.D  
Acq: 3 Apr 2024 11:13

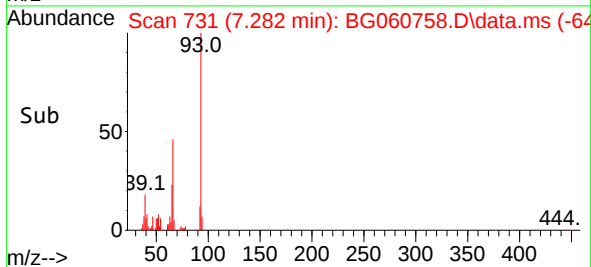
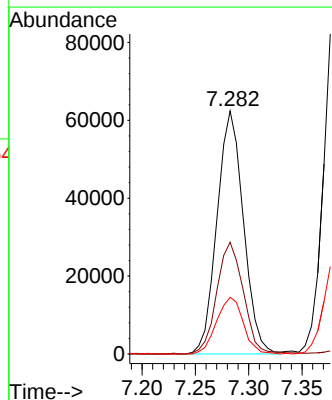
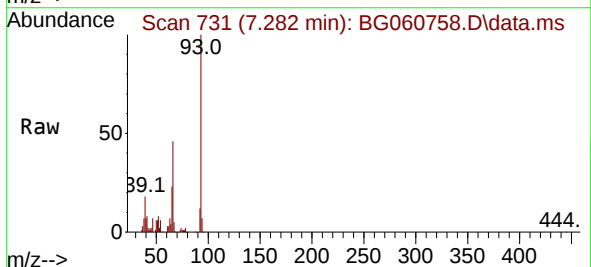
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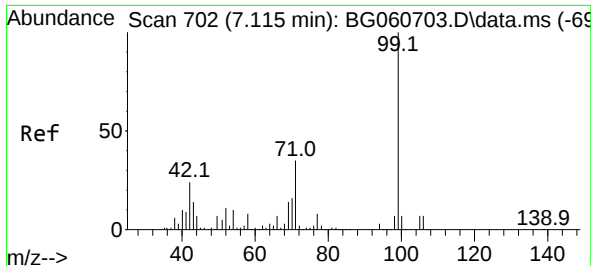
Tgt Ion:112 Resp: 542969  
Ion Ratio Lower Upper  
112 100  
64 73.8 58.4 87.6  
63 40.1 32.7 49.1



#6  
Aniline  
Concen: 18.813 ng  
RT: 7.282 min Scan# 731  
Delta R.T. -0.003 min  
Lab File: BG060758.D  
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Tgt Ion: 93 Resp: 107548  
Ion Ratio Lower Upper  
93 100  
66 45.9 36.1 54.1  
65 23.3 18.1 27.1

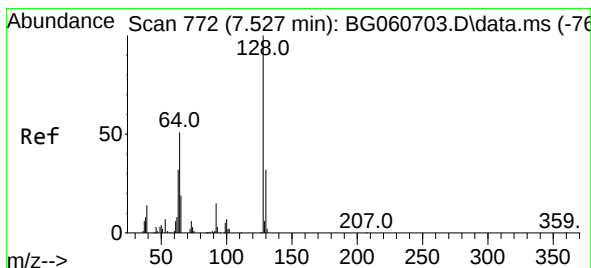
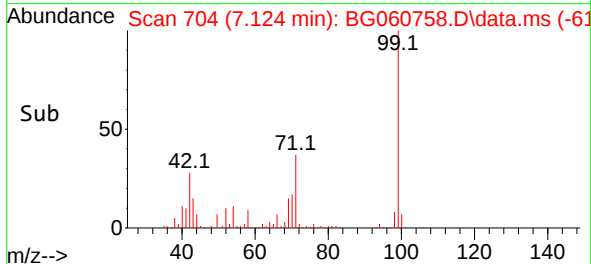
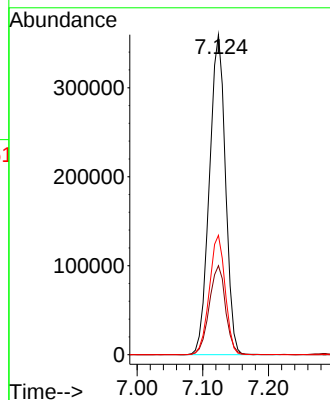
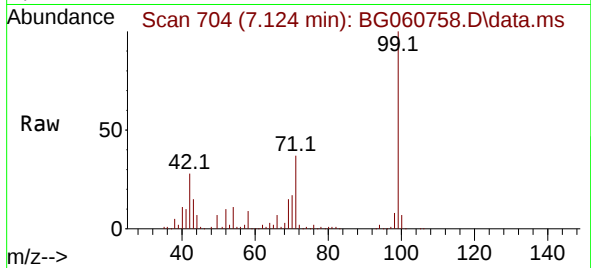




#7  
Phenol-d6  
Concen: 134.967 ng  
RT: 7.124 min Scan# 702  
Delta R.T. 0.008 min  
Lab File: BG060758.D  
Acq: 3 Apr 2024 11:13

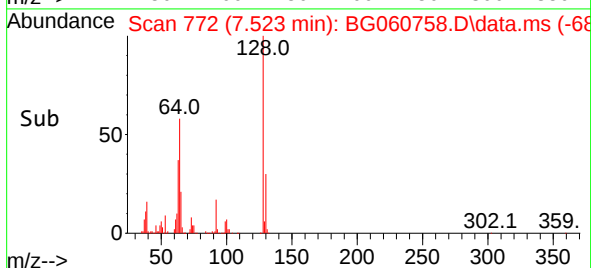
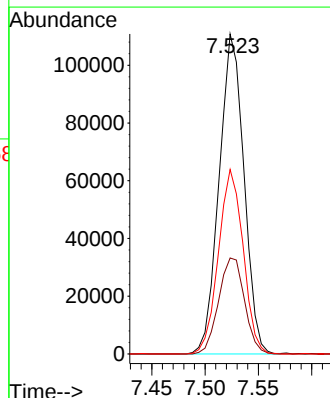
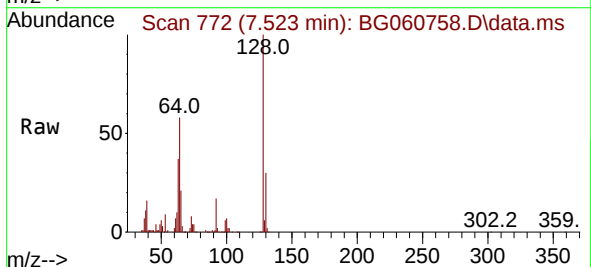
Instrument :  
BNA\_G  
ClientSampleId :  
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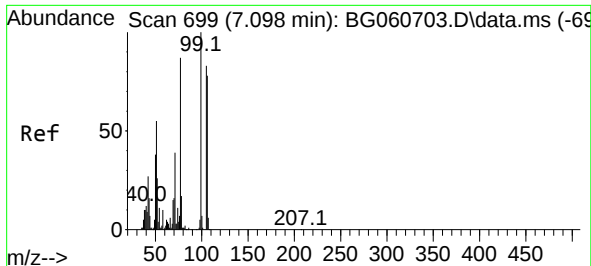
Tgt Ion: 99 Resp: 610988  
Ion Ratio Lower Upper  
99 100  
42 27.8 19.4 29.2  
71 37.3 28.2 42.2



#8  
2-Chlorophenol  
Concen: 51.831 ng  
RT: 7.523 min Scan# 772  
Delta R.T. -0.003 min  
Lab File: BG060758.D  
Acq: 3 Apr 2024 11:13

Tgt Ion:128 Resp: 179203  
Ion Ratio Lower Upper  
128 100  
130 30.0 12.3 52.3  
64 57.7 35.0 75.0

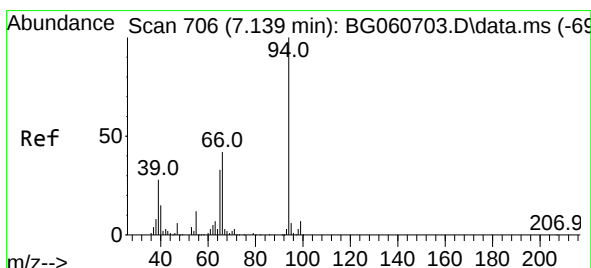
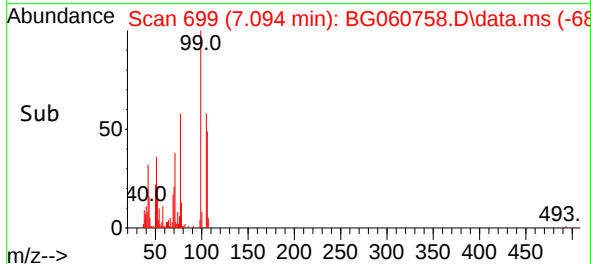
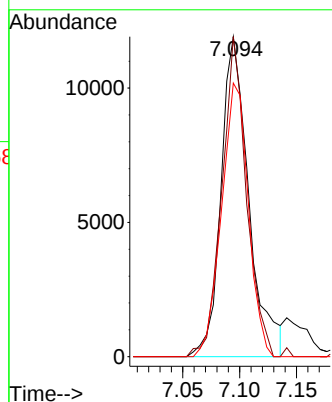
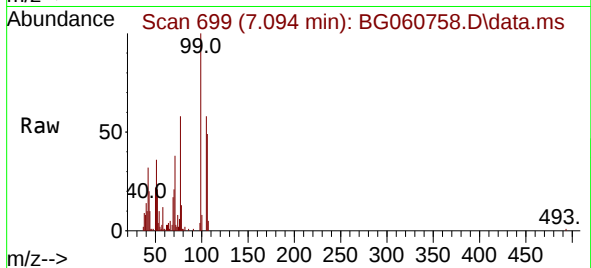




#9  
Benzaldehyde  
Concen: 8.116 ng  
RT: 7.094 min Scan# 699  
Delta R.T. -0.004 min  
Lab File: BG060758.D  
Acq: 3 Apr 2024 11:13

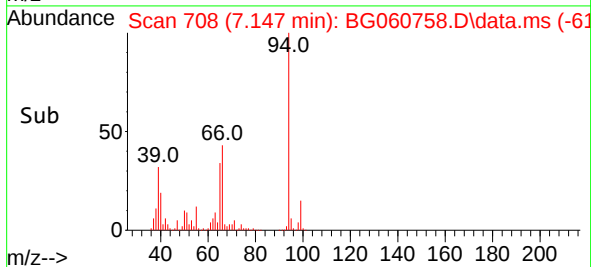
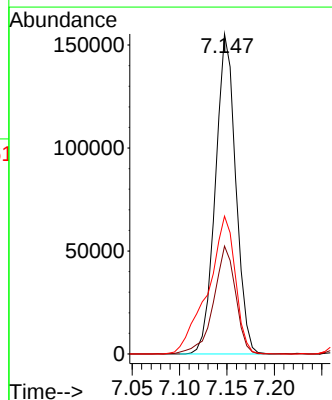
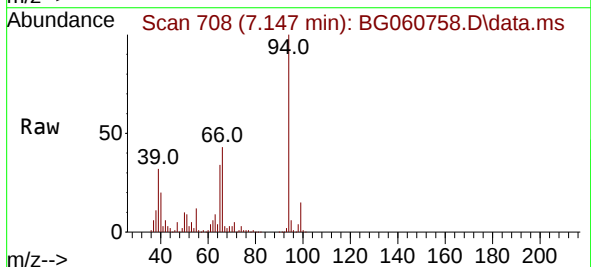
Instrument :  
BNA\_G  
ClientSampleId :  
PB159882BS

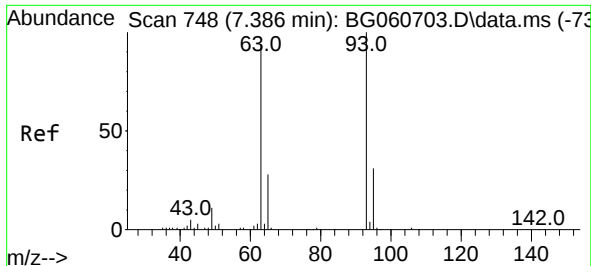
Tgt Ion: 77 Resp: 20260  
Ion Ratio Lower Upper  
77 100  
105 100.1 76.0 116.0  
106 85.5 70.3 110.3



#10  
Phenol  
Concen: 50.104 ng  
RT: 7.147 min Scan# 708  
Delta R.T. 0.008 min  
Lab File: BG060758.D  
Acq: 3 Apr 2024 11:13

Tgt Ion: 94 Resp: 231480  
Ion Ratio Lower Upper  
94 100  
65 33.7 13.3 53.3  
66 43.0 22.9 62.9



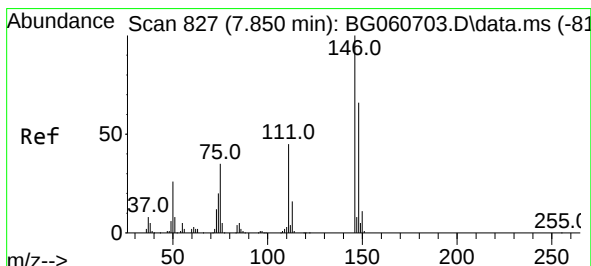
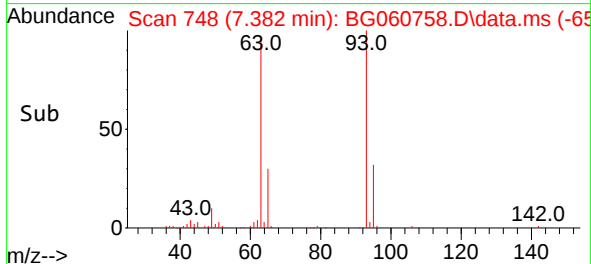
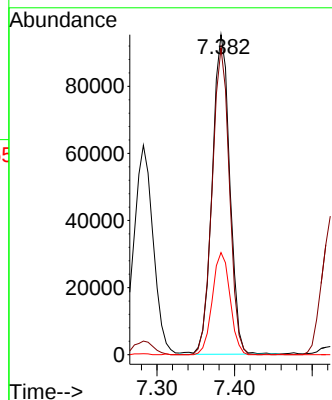
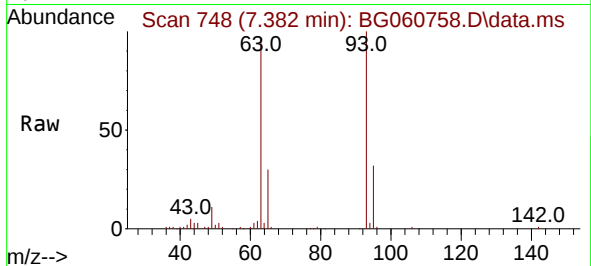


#11  
bis(2-Chloroethyl)ether  
Concen: 40.213 ng  
RT: 7.382 min Scan# 748  
Delta R.T. -0.003 min  
Lab File: BG060758.D  
Acq: 3 Apr 2024 11:13

Instrument :  
BNA\_G  
ClientSampleId :  
PB159882BS

Tgt Ion: 93 Resp: 149996  

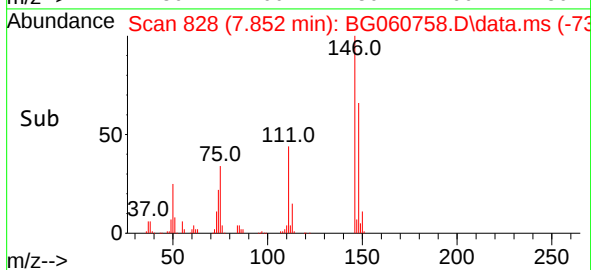
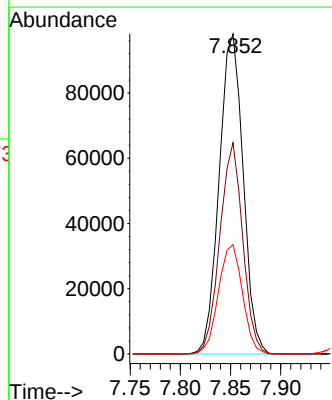
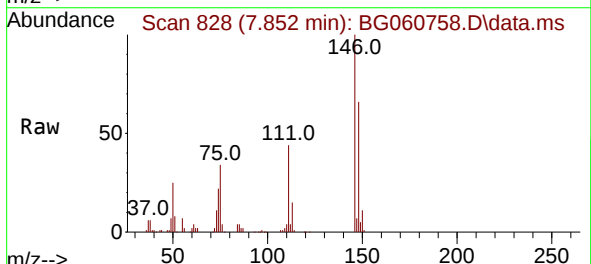
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 93  | 100   |       |       |
| 63  | 95.9  | 73.7  | 113.7 |
| 95  | 31.9  | 11.2  | 51.2  |

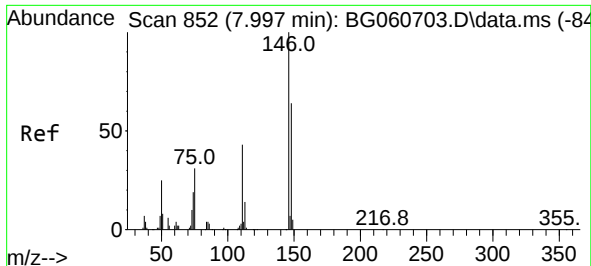


#12  
1,3-Dichlorobenzene  
Concen: 45.204 ng  
RT: 7.852 min Scan# 828  
Delta R.T. 0.003 min  
Lab File: BG060758.D  
Acq: 3 Apr 2024 11:13

Tgt Ion: 146 Resp: 162531  

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 146 | 100   |       |       |
| 148 | 66.0  | 53.0  | 79.4  |
| 75  | 34.2  | 28.1  | 42.1  |

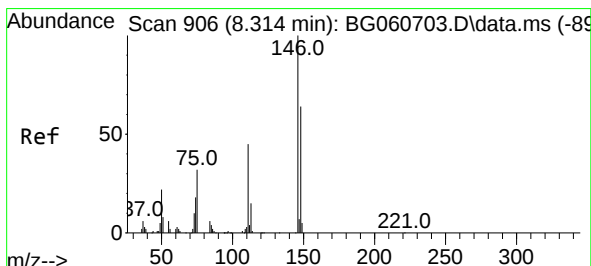
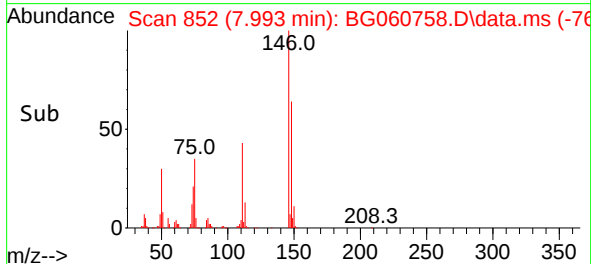
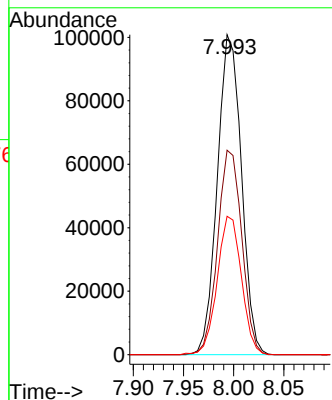
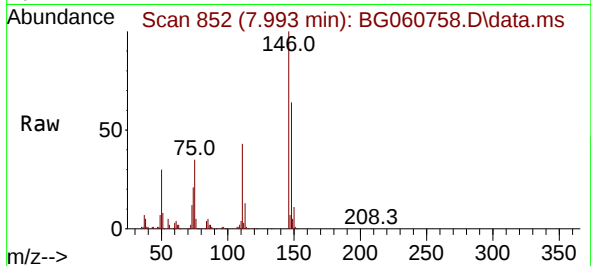




#13  
1,4-Dichlorobenzene  
Concen: 45.909 ng  
RT: 7.993 min Scan# 852  
Delta R.T. -0.003 min  
Lab File: BG060758.D  
Acq: 3 Apr 2024 11:13

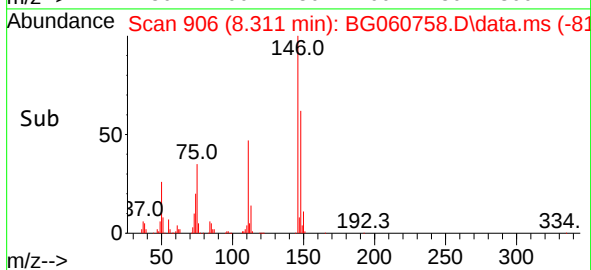
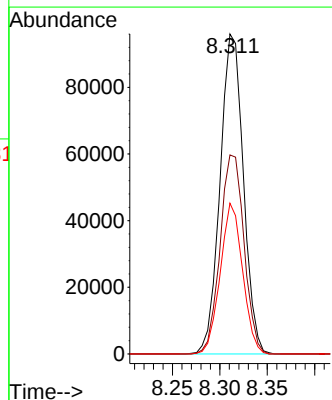
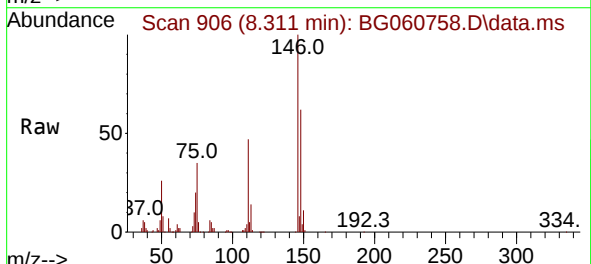
Instrument :  
BNA\_G  
ClientSampleId :  
PB159882BS

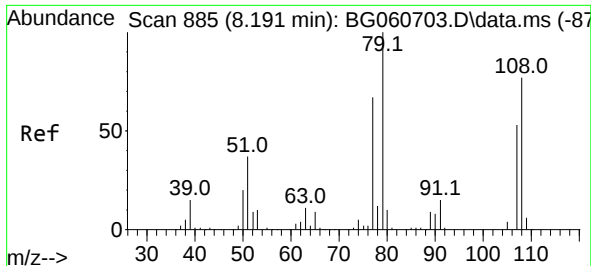
Tgt Ion:146 Resp: 168405  
Ion Ratio Lower Upper  
146 100  
148 63.9 51.1 76.7  
111 43.2 35.0 52.6



#14  
1,2-Dichlorobenzene  
Concen: 45.657 ng  
RT: 8.311 min Scan# 906  
Delta R.T. -0.003 min  
Lab File: BG060758.D  
Acq: 3 Apr 2024 11:13

Tgt Ion:146 Resp: 164128  
Ion Ratio Lower Upper  
146 100  
148 62.2 51.0 76.6  
111 47.1 36.0 54.0

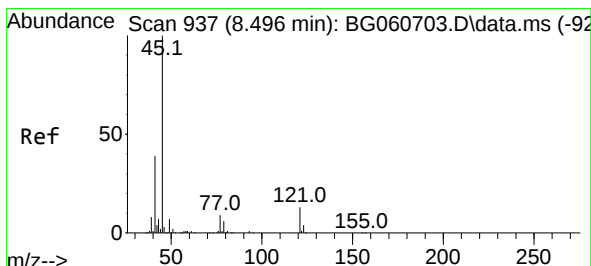
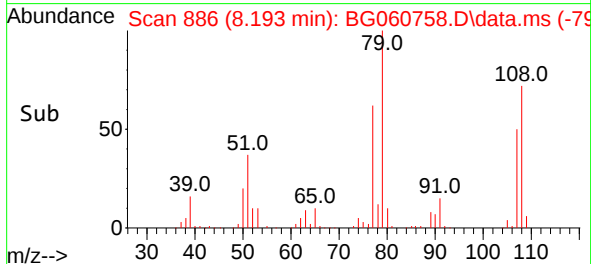
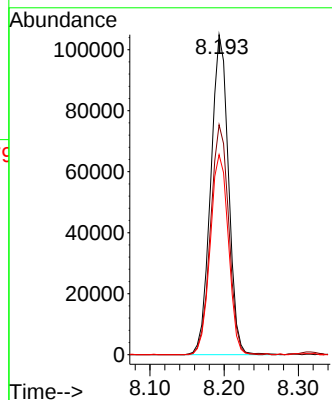
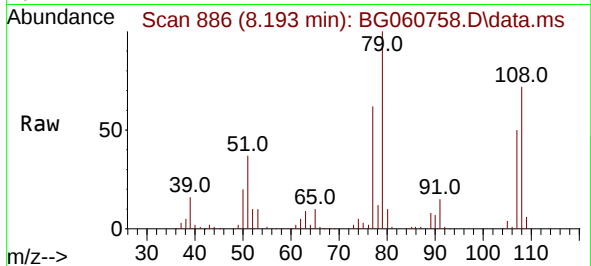




#15  
Benzyl Alcohol  
Concen: 47.488 ng  
RT: 8.193 min Scan# 81  
Delta R.T. 0.003 min  
Lab File: BG060758.D  
Acq: 3 Apr 2024 11:13

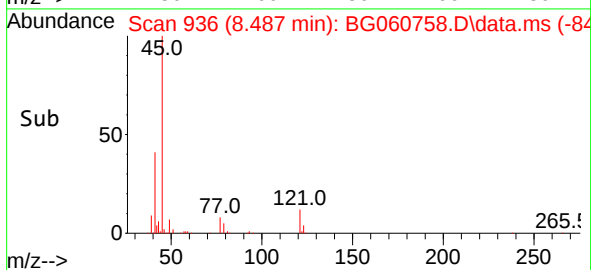
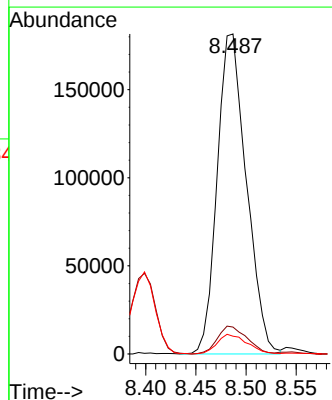
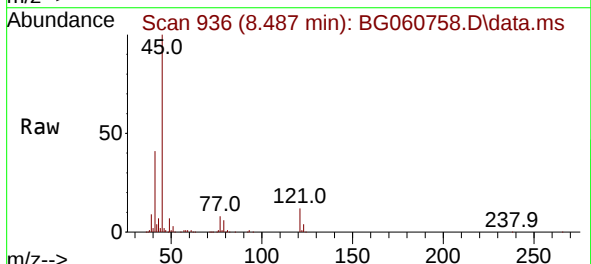
Instrument :  
BNA\_G  
ClientSampleId :  
PB159882BS

Tgt Ion: 79 Resp: 174137  
Ion Ratio Lower Upper  
79 100  
108 71.9 61.4 92.0  
77 62.5 53.6 80.4



#16  
2,2'-oxybis(1-Chloropropane)  
Concen: 43.595 ng  
RT: 8.487 min Scan# 936  
Delta R.T. -0.009 min  
Lab File: BG060758.D  
Acq: 3 Apr 2024 11:13

Tgt Ion: 45 Resp: 366979  
Ion Ratio Lower Upper  
45 100  
77 8.4 0.0 29.1  
79 5.5 0.0 26.5





#17

2-Methylphenol

Concen: 45.557 ng

RT: 8.399 min Scan# 919

Delta R.T. 0.008 min

Lab File: BG060758.D

Acq: 3 Apr 2024 11:13

Instrument :

BNA\_G

ClientSampleId :

PB159882BS

Tgt Ion:107 Resp: 158891

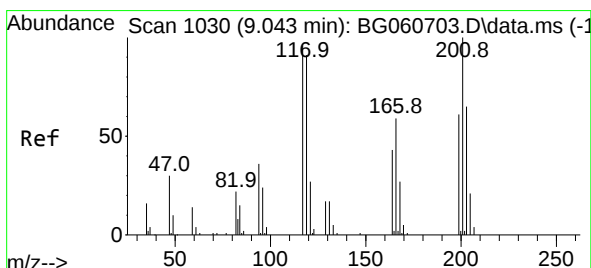
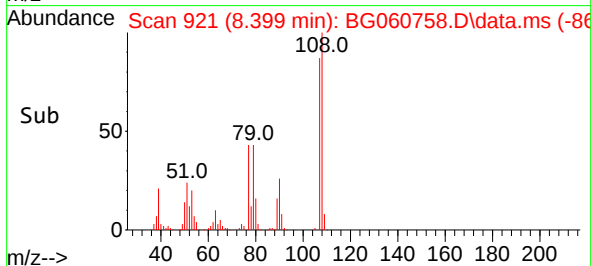
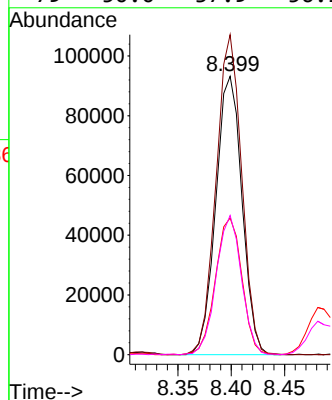
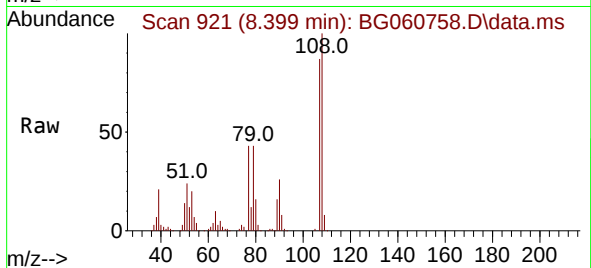
Ion Ratio Lower Upper

107 100

108 115.0 86.4 129.6

77 49.1 38.6 58.0

79 50.0 37.9 56.9



#18

Hexachloroethane

Concen: 46.242 ng

RT: 9.045 min Scan# 1031

Delta R.T. 0.003 min

Lab File: BG060758.D

Acq: 3 Apr 2024 11:13

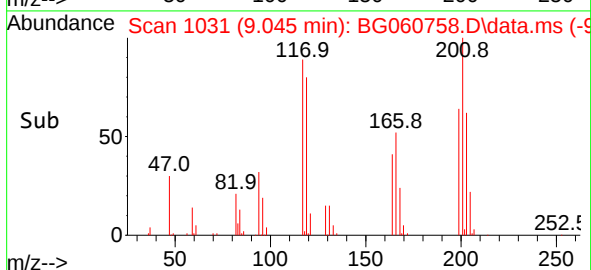
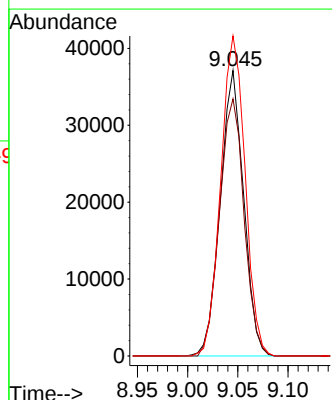
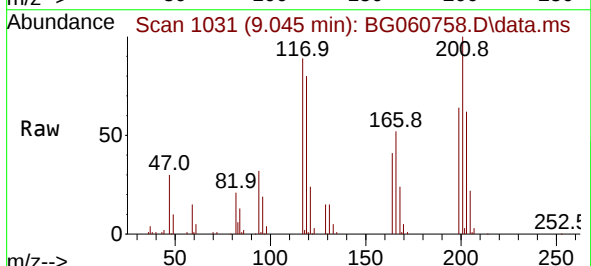
Tgt Ion:117 Resp: 60244

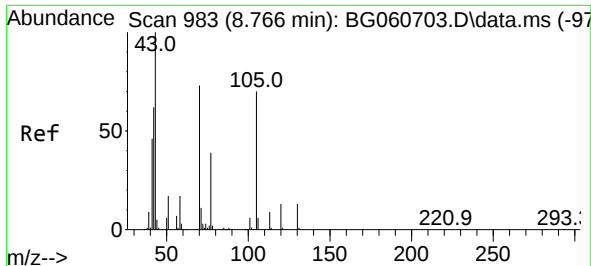
Ion Ratio Lower Upper

117 100

119 90.1 75.7 113.5

201 112.1 83.4 125.2



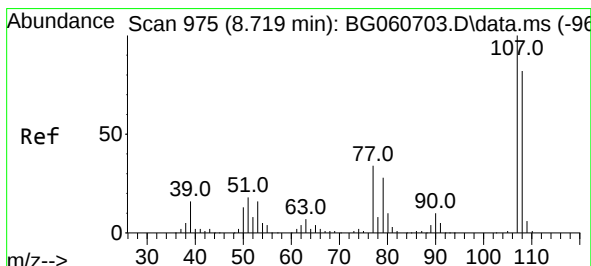
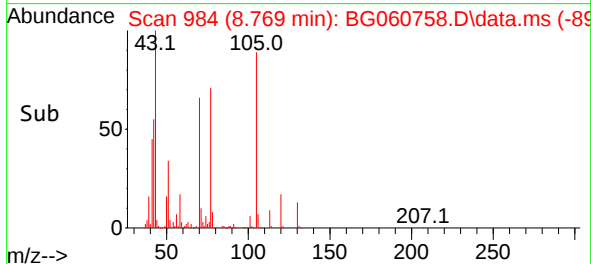
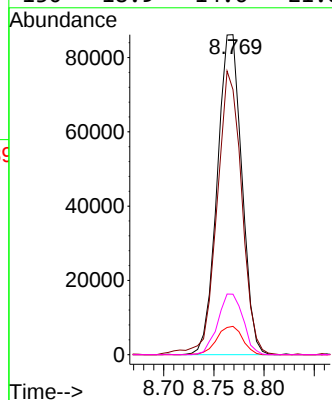
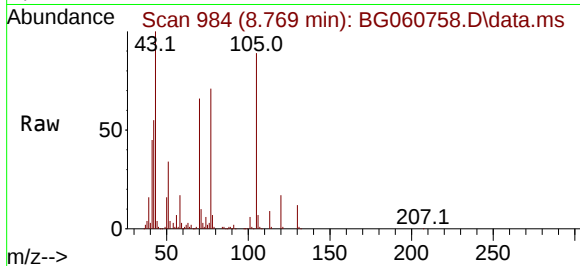


#19  
n-Nitroso-di-n-propylamine  
Concen: 42.491 ng  
RT: 8.769 min Scan# 983  
Delta R.T. 0.003 min  
Lab File: BG060758.D  
Acq: 3 Apr 2024 11:13

Instrument :  
BNA\_G  
ClientSampleId :  
PB159882BS

Tgt Ion: 70 Resp: 146689

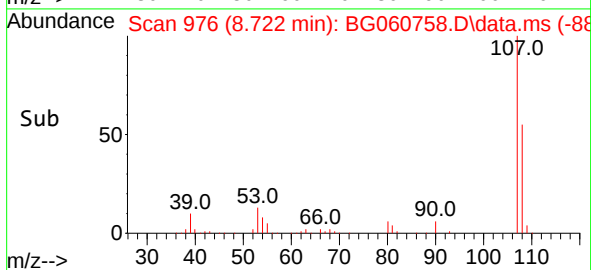
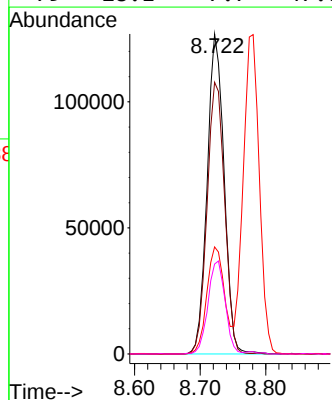
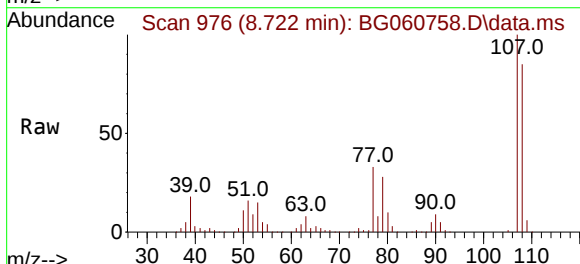
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 70  | 100   |       |       |
| 42  | 82.8  | 68.4  | 102.6 |
| 101 | 8.8   | 6.1   | 9.1   |
| 130 | 18.9  | 14.6  | 21.8  |

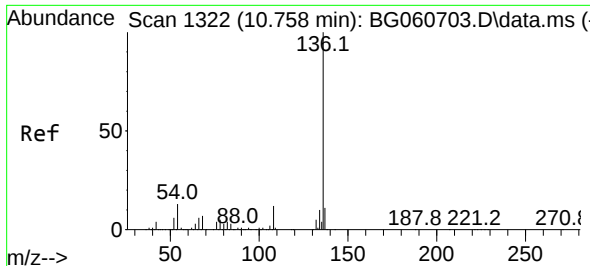


#20  
3+4-Methylphenols  
Concen: 47.778 ng  
RT: 8.722 min Scan# 976  
Delta R.T. 0.003 min  
Lab File: BG060758.D  
Acq: 3 Apr 2024 11:13

Tgt Ion: 107 Resp: 228190

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 107 | 100   |       |       |
| 108 | 84.9  | 62.2  | 102.2 |
| 77  | 33.5  | 14.1  | 54.1  |
| 79  | 28.1  | 7.7   | 47.7  |

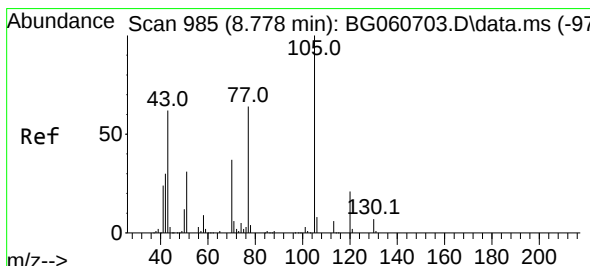
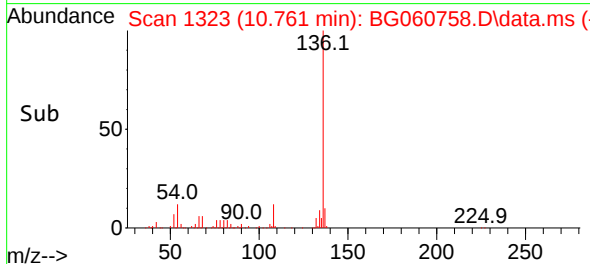
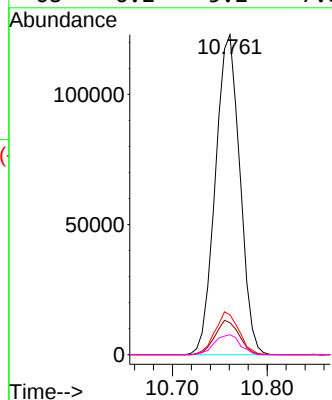
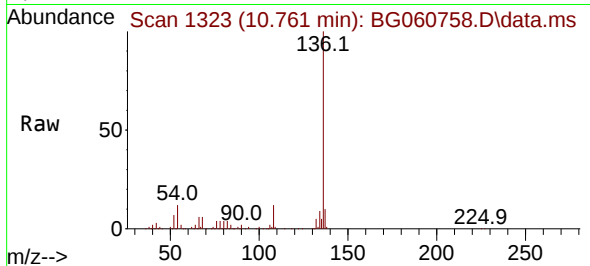




#21  
Naphthalene-d8  
Concen: 20.000 ng  
RT: 10.761 min Scan# 11  
Delta R.T. 0.003 min  
Lab File: BG060758.D  
Acq: 3 Apr 2024 11:13

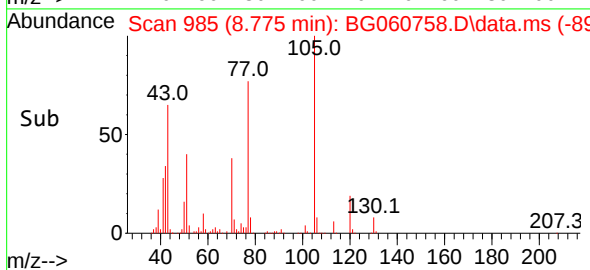
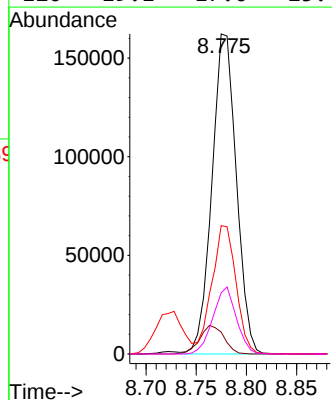
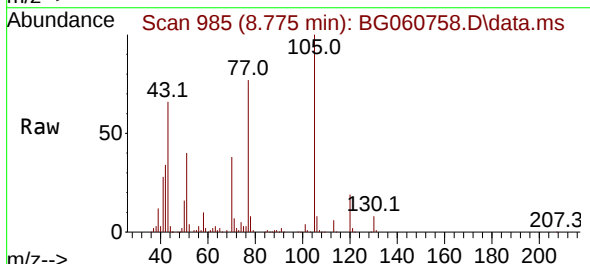
Instrument :  
BNA\_G  
ClientSampleId :  
PB159882BS

Tgt Ion:136 Resp: 220659  
Ion Ratio Lower Upper  
136 100  
137 10.0 8.8 13.2  
54 12.5 10.2 15.2  
68 6.2 5.2 7.8



#22  
Acetophenone  
Concen: 45.162 ng  
RT: 8.775 min Scan# 985  
Delta R.T. -0.003 min  
Lab File: BG060758.D  
Acq: 3 Apr 2024 11:13

Tgt Ion:105 Resp: 274780  
Ion Ratio Lower Upper  
105 100  
71 6.9 4.9 7.3  
51 40.1 31.1 46.7  
120 19.1 17.0 25.4

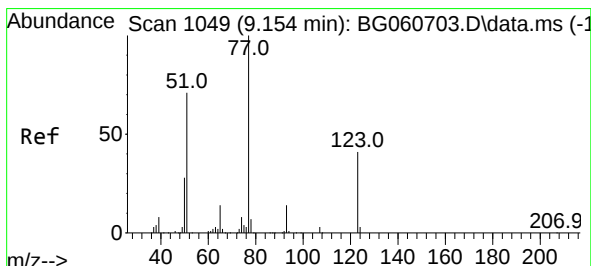
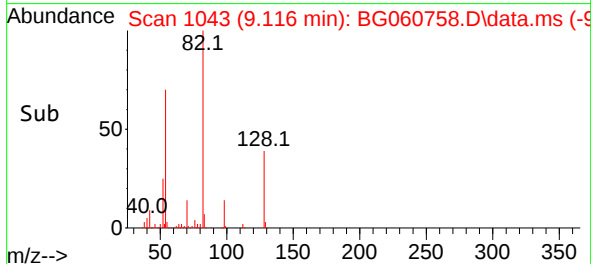
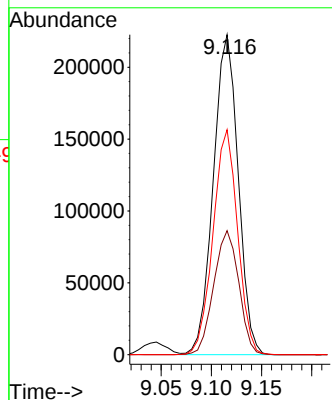
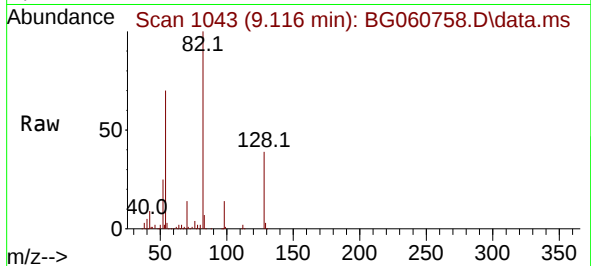




#23  
Nitrobenzene-d5  
Concen: 99.259 ng  
RT: 9.116 min Scan# 1042  
Delta R.T. 0.003 min  
Lab File: BG060758.D  
Acq: 3 Apr 2024 11:13

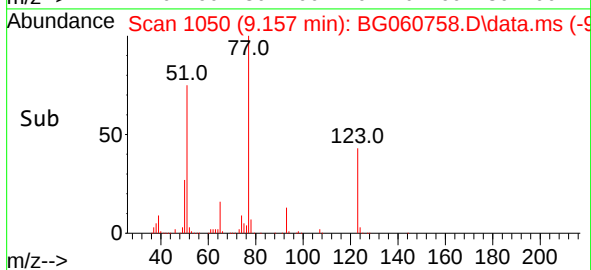
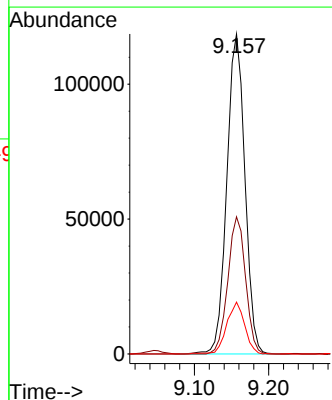
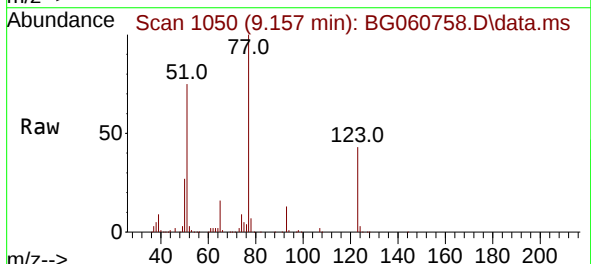
Instrument :  
BNA\_G  
ClientSampleId :  
PB159882BS

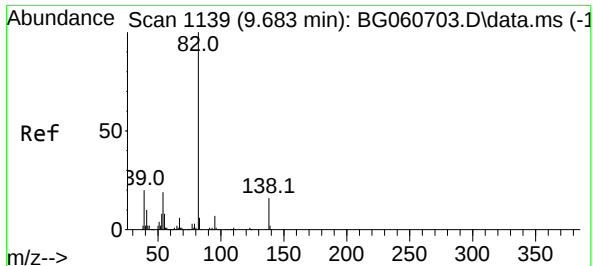
Tgt Ion: 82 Resp: 383839  
Ion Ratio Lower Upper  
82 100  
128 38.8 31.2 46.8  
54 70.3 53.2 79.8



#24  
Nitrobenzene  
Concen: 46.678 ng  
RT: 9.157 min Scan# 1050  
Delta R.T. 0.003 min  
Lab File: BG060758.D  
Acq: 3 Apr 2024 11:13

Tgt Ion: 77 Resp: 200573  
Ion Ratio Lower Upper  
77 100  
123 42.8 32.7 49.1  
65 16.2 11.3 16.9

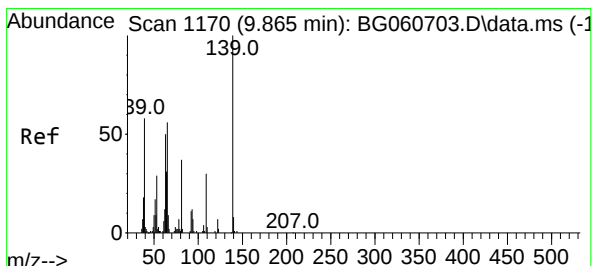
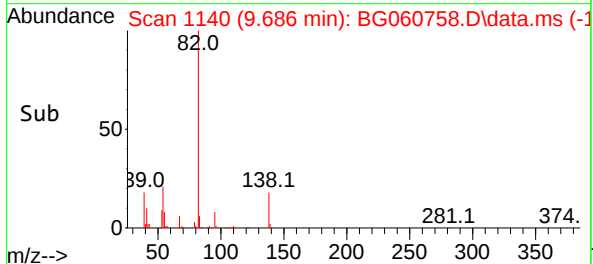
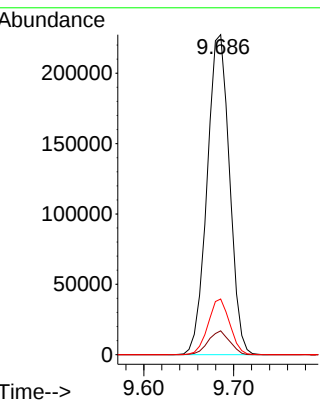
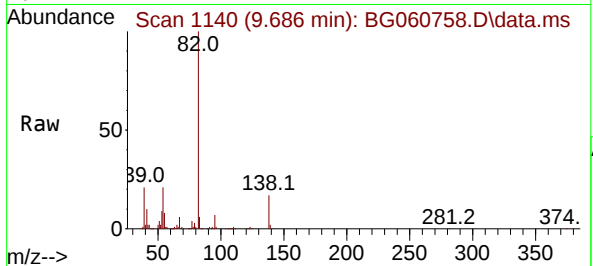




#25  
Isophorone  
Concen: 44.209 ng  
RT: 9.686 min Scan# 1139  
Delta R.T. 0.003 min  
Lab File: BG060758.D  
Acq: 3 Apr 2024 11:13

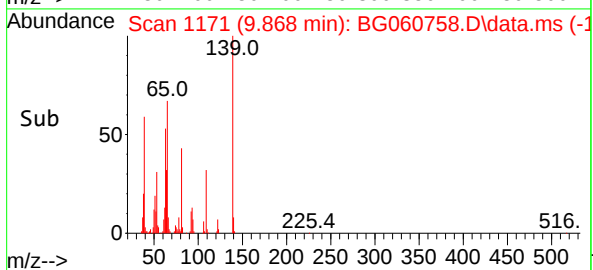
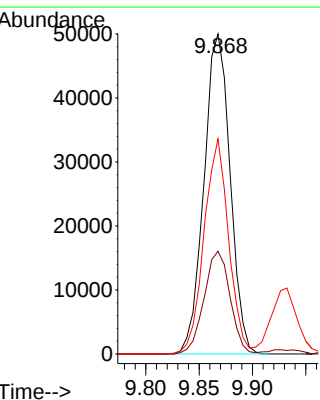
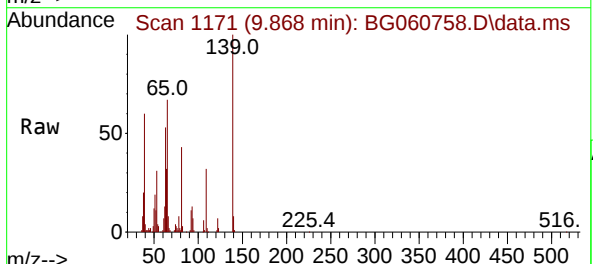
Instrument :  
BNA\_G  
ClientSampleId :  
PB159882BS

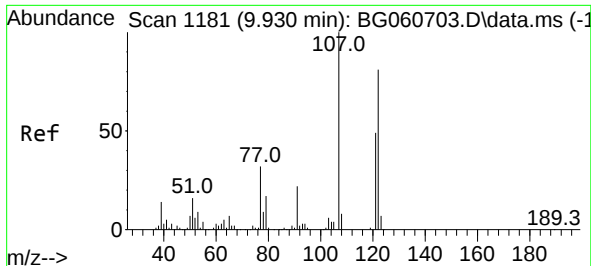
Tgt Ion: 82 Resp: 393761  
Ion Ratio Lower Upper  
82 100  
95 7.5 5.8 8.8  
138 17.4 13.0 19.4



#26  
2-Nitrophenol  
Concen: 54.887 ng  
RT: 9.868 min Scan# 1171  
Delta R.T. 0.003 min  
Lab File: BG060758.D  
Acq: 3 Apr 2024 11:13

Tgt Ion:139 Resp: 85191  
Ion Ratio Lower Upper  
139 100  
109 32.1 23.9 35.9  
65 67.2 44.5 66.7#





#27

2,4-Dimethylphenol

Concen: 40.909 ng

RT: 9.926 min Scan# 1181

Delta R.T. -0.004 min

Lab File: BG060758.D

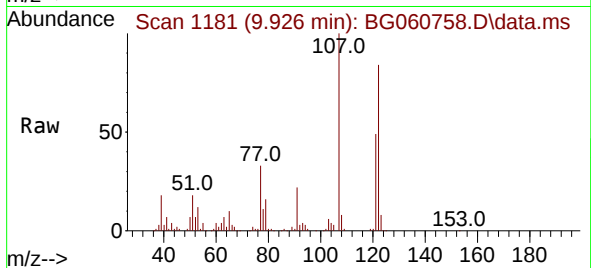
Acq: 3 Apr 2024 11:13

Instrument :

BNA\_G

ClientSampleId :

PB159882BS



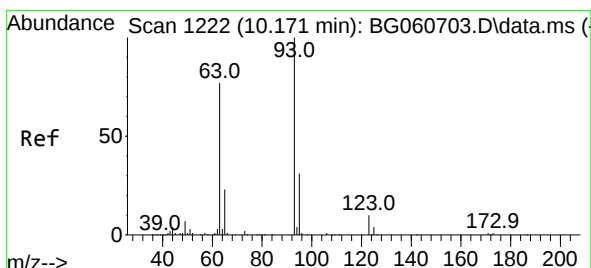
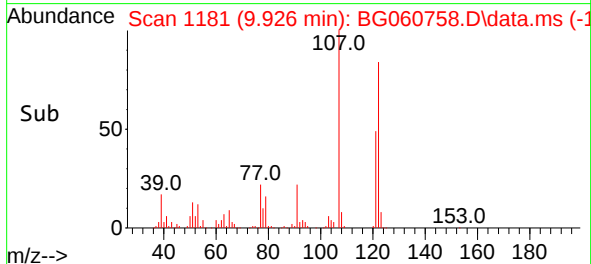
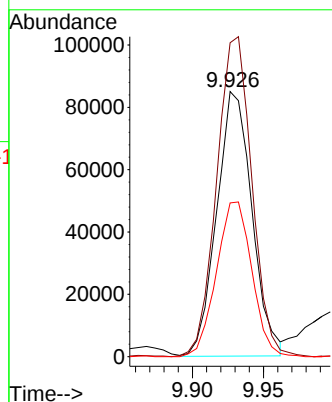
Tgt Ion:122 Resp: 146367

Ion Ratio Lower Upper

122 100

107 118.4 98.6 147.8

121 58.0 48.1 72.1



#28

bis(2-Chloroethoxy)methane

Concen: 43.589 ng

RT: 10.167 min Scan# 1222

Delta R.T. -0.003 min

Lab File: BG060758.D

Acq: 3 Apr 2024 11:13

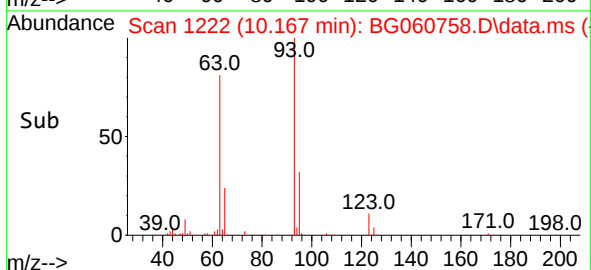
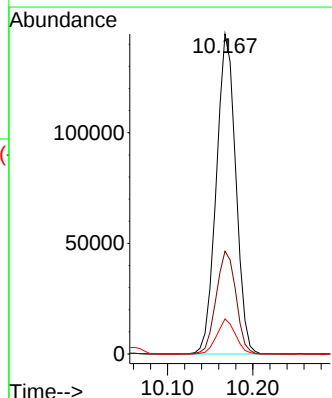
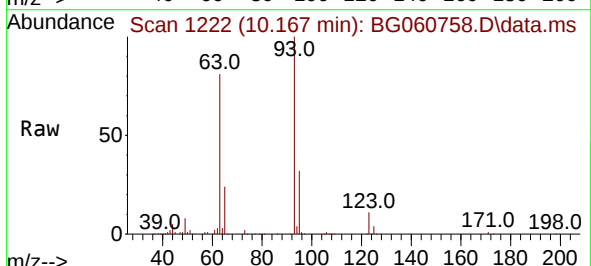
Tgt Ion: 93 Resp: 229211

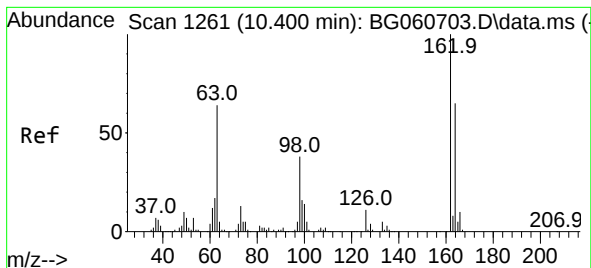
Ion Ratio Lower Upper

93 100

95 32.1 25.1 37.7

123 10.9 8.0 12.0





#29

2,4-Dichlorophenol

Concen: 54.484 ng

RT: 10.402 min Scan# 1261

Delta R.T. 0.002 min

Lab File: BG060758.D

Acq: 3 Apr 2024 11:13

Instrument :

BNA\_G

ClientSampleId :

PB159882BS

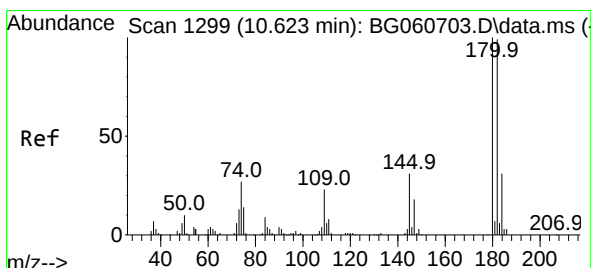
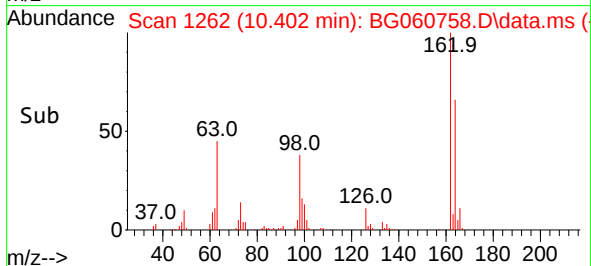
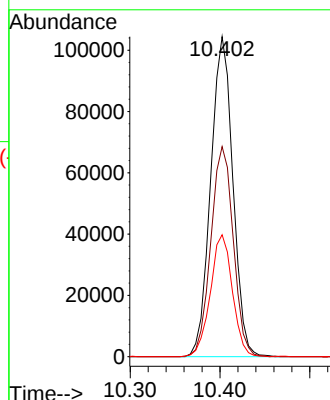
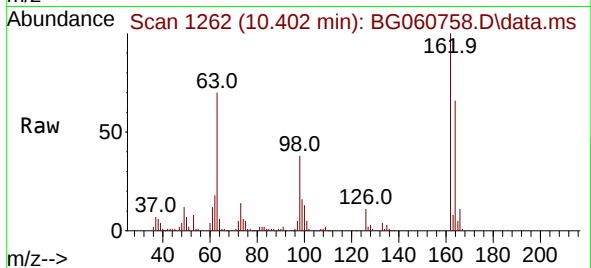
Tgt Ion:162 Resp: 179008

Ion Ratio Lower Upper

162 100

164 65.7 45.2 85.2

98 38.1 17.7 57.7



#30

1,2,4-Trichlorobenzene

Concen: 46.992 ng

RT: 10.620 min Scan# 1299

Delta R.T. -0.003 min

Lab File: BG060758.D

Acq: 3 Apr 2024 11:13

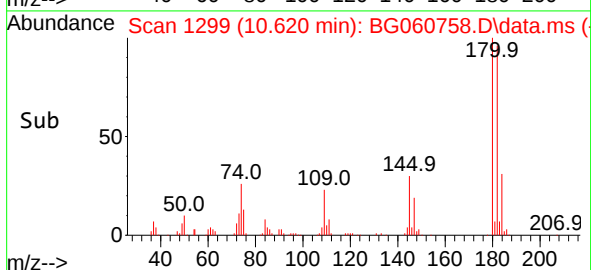
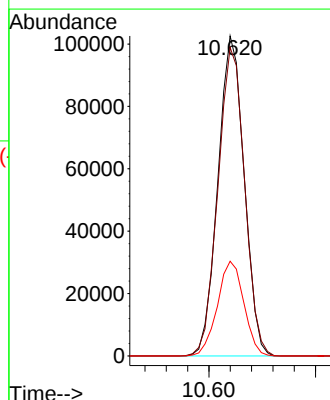
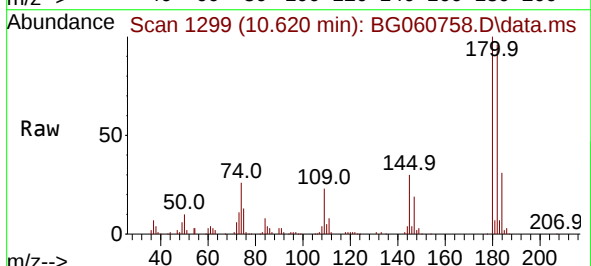
Tgt Ion:180 Resp: 174827

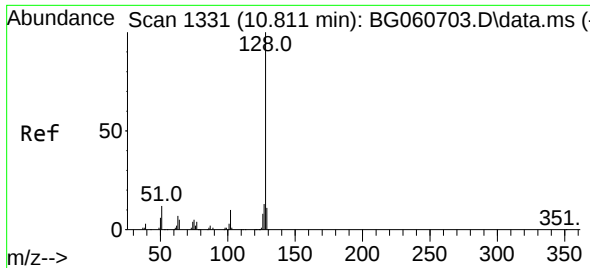
Ion Ratio Lower Upper

180 100

182 96.4 79.0 118.4

145 29.6 24.9 37.3

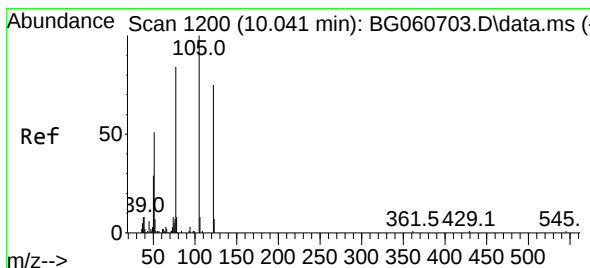
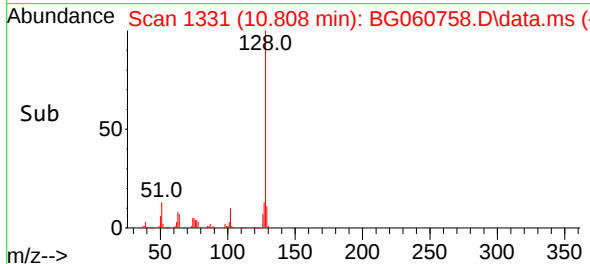
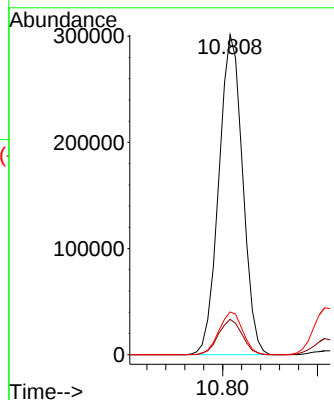
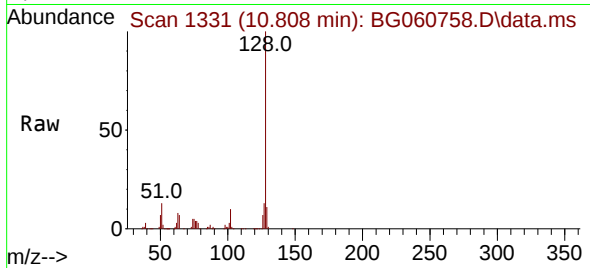




#31  
Naphthalene  
Concen: 44.038 ng  
RT: 10.808 min Scan# 11  
Delta R.T. -0.003 min  
Lab File: BG060758.D  
Acq: 3 Apr 2024 11:13

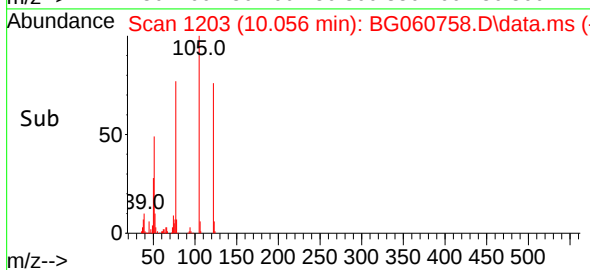
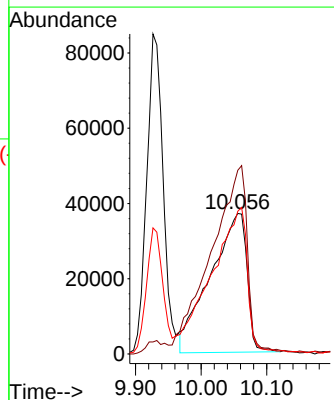
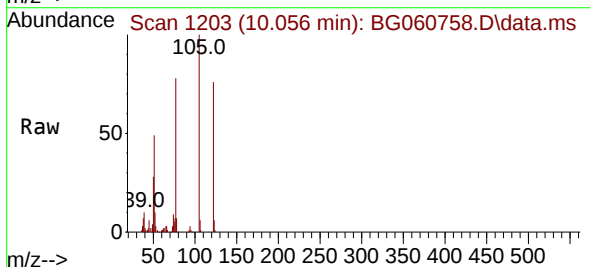
Instrument :  
BNA\_G  
ClientSampleId :  
PB159882BS

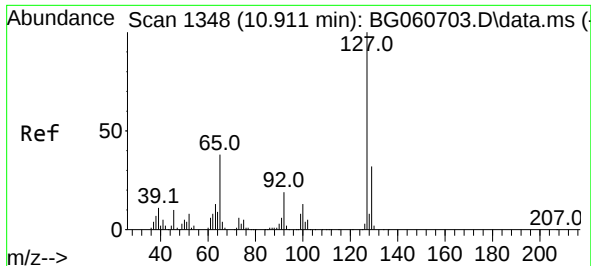
Tgt Ion:128 Resp: 525653  
Ion Ratio Lower Upper  
128 100  
129 11.0 8.5 12.7  
127 13.4 10.5 15.7



#32  
Benzoic acid  
Concen: 58.348 ng  
RT: 10.056 min Scan# 1203  
Delta R.T. 0.015 min  
Lab File: BG060758.D  
Acq: 3 Apr 2024 11:13

Tgt Ion:122 Resp: 142986  
Ion Ratio Lower Upper  
122 100  
105 130.8 104.5 144.5  
77 101.6 85.3 125.3

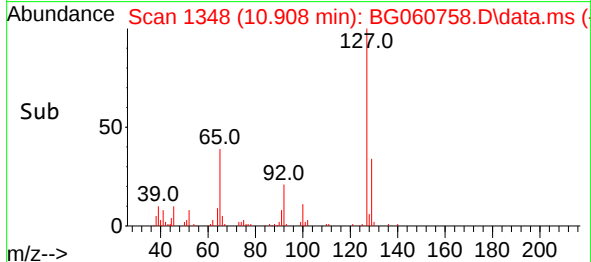
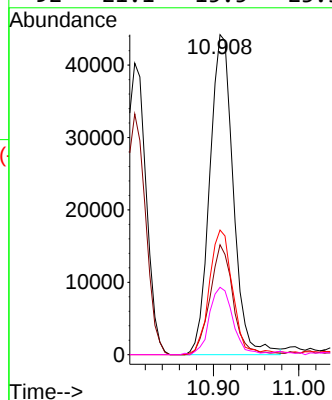
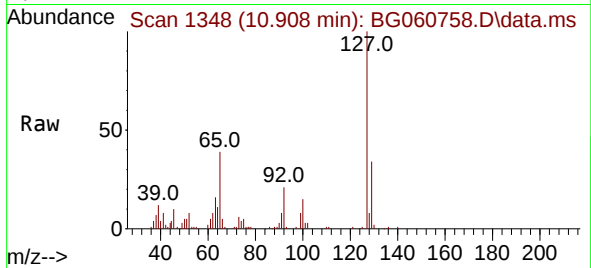




#33  
4-Chloroaniline  
Concen: 15.303 ng  
RT: 10.908 min Scan# 11  
Delta R.T. -0.003 min  
Lab File: BG060758.D  
Acq: 3 Apr 2024 11:13

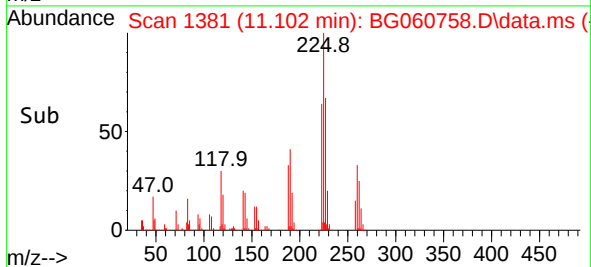
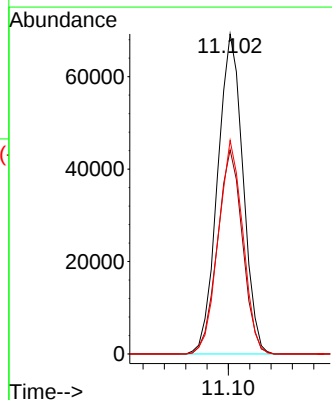
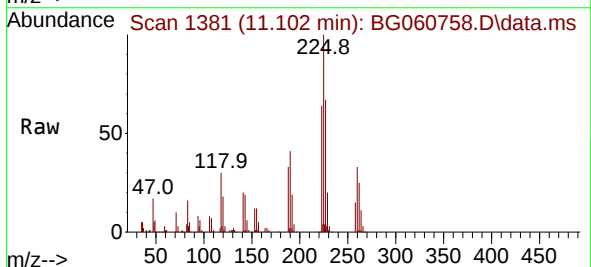
Instrument :  
BNA\_G  
ClientSampleId :  
PB159882BS

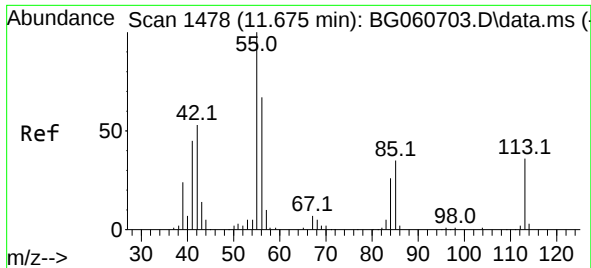
|             |       |       |       |
|-------------|-------|-------|-------|
| Tgt Ion:127 | Resp: | 84840 |       |
| Ion         | Ratio | Lower | Upper |
| 127         | 100   |       |       |
| 129         | 34.3  | 25.3  | 37.9  |
| 65          | 39.0  | 30.2  | 45.2  |
| 92          | 21.1  | 15.5  | 23.3  |



#34  
Hexachlorobutadiene  
Concen: 46.134 ng  
RT: 11.102 min Scan# 1381  
Delta R.T. -0.003 min  
Lab File: BG060758.D  
Acq: 3 Apr 2024 11:13

|             |       |        |       |
|-------------|-------|--------|-------|
| Tgt Ion:225 | Resp: | 114386 |       |
| Ion         | Ratio | Lower  | Upper |
| 225         | 100   |        |       |
| 223         | 63.8  | 52.0   | 78.0  |
| 227         | 66.7  | 52.5   | 78.7  |

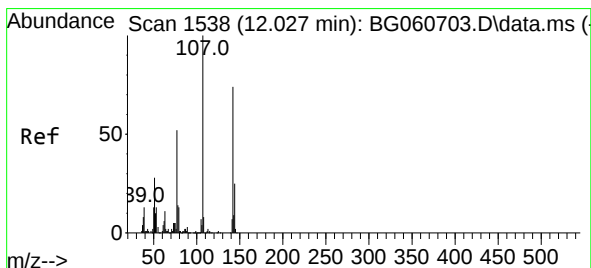
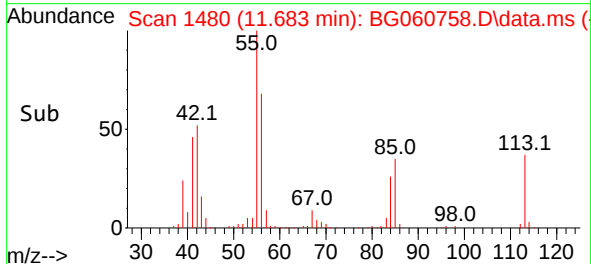
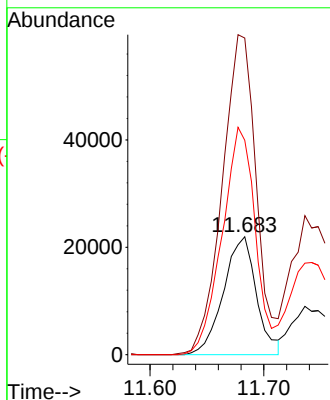
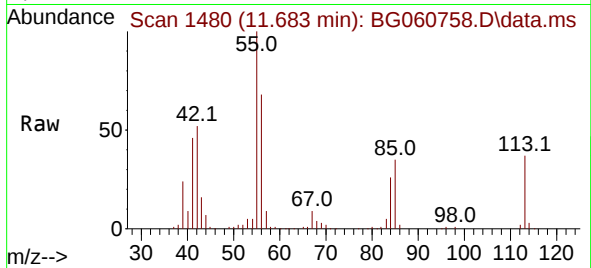




#35  
Caprolactam  
Concen: 33.935 ng  
RT: 11.683 min Scan# 1478  
Delta R.T. 0.008 min  
Lab File: BG060758.D  
Acq: 3 Apr 2024 11:13

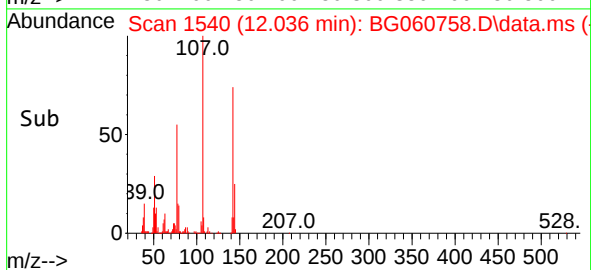
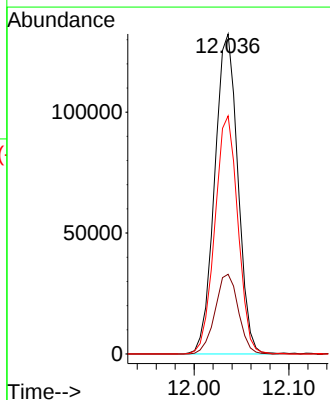
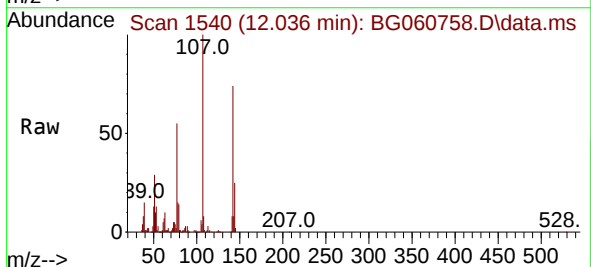
Instrument :  
BNA\_G  
ClientSampleId :  
PB159882BS

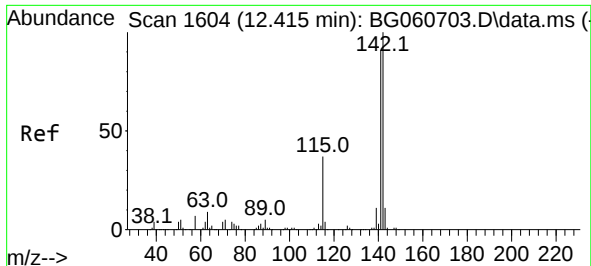
| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 113     | 100   |       |       |
| 55      | 268.6 | 258.0 | 298.0 |
| 56      | 181.8 | 166.3 | 206.3 |



#36  
4-Chloro-3-methylphenol  
Concen: 53.562 ng  
RT: 12.036 min Scan# 1540  
Delta R.T. 0.008 min  
Lab File: BG060758.D  
Acq: 3 Apr 2024 11:13

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 107     | 100   |       |       |
| 144     | 24.9  | 20.0  | 30.0  |
| 142     | 74.4  | 59.2  | 88.8  |

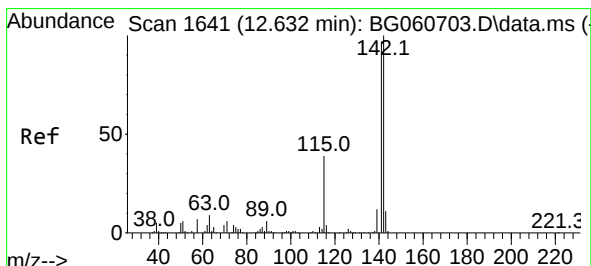
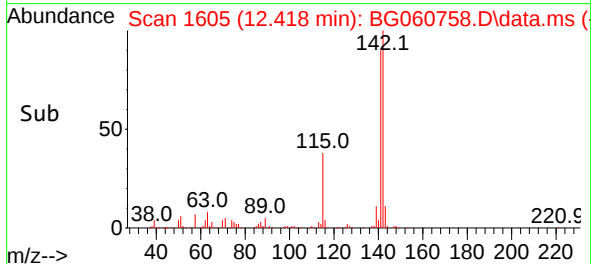
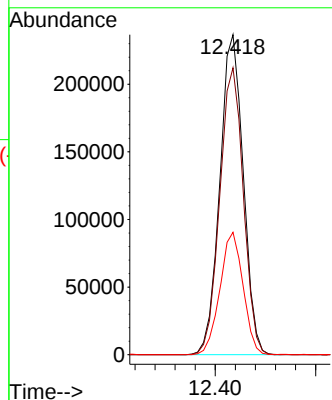
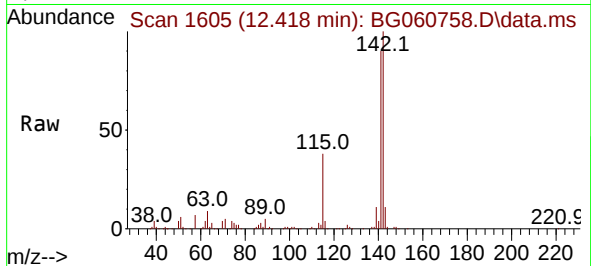




#37  
2-Methylnaphthalene  
Concen: 43.606 ng  
RT: 12.418 min Scan# 1  
Delta R.T. 0.003 min  
Lab File: BG060758.D  
Acq: 3 Apr 2024 11:13

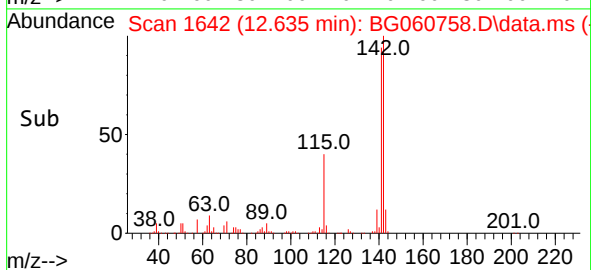
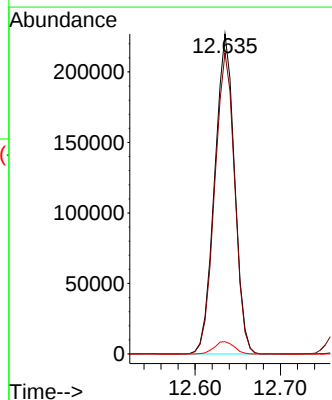
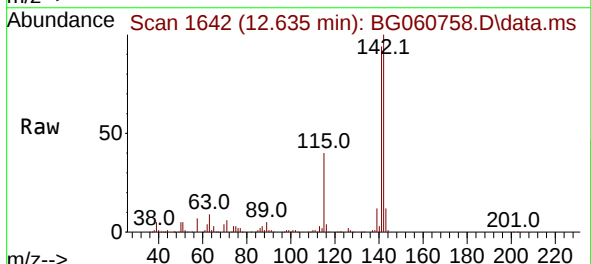
Instrument :  
BNA\_G  
ClientSampleId :  
PB159882BS

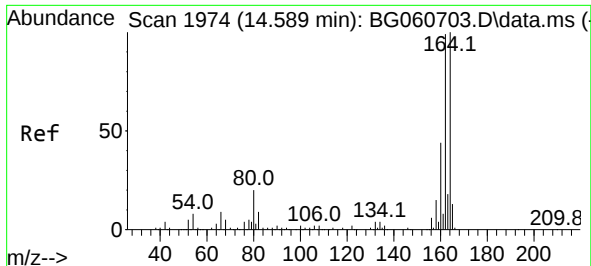
Tgt Ion:142 Resp: 382669  
Ion Ratio Lower Upper  
142 100  
141 89.6 72.7 109.1  
115 38.2 29.9 44.9



#38  
1-Methylnaphthalene  
Concen: 44.327 ng  
RT: 12.635 min Scan# 1642  
Delta R.T. 0.003 min  
Lab File: BG060758.D  
Acq: 3 Apr 2024 11:13

Tgt Ion:142 Resp: 367480  
Ion Ratio Lower Upper  
142 100  
141 94.1 77.7 116.5  
116 3.8 3.4 5.2

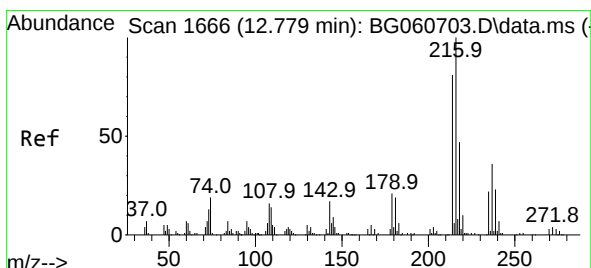
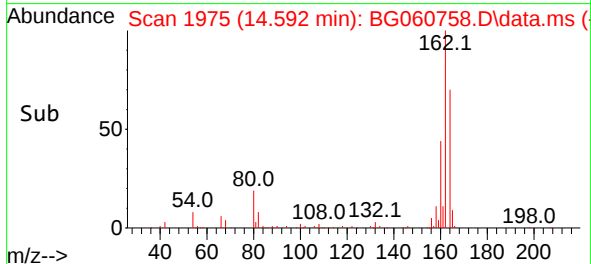
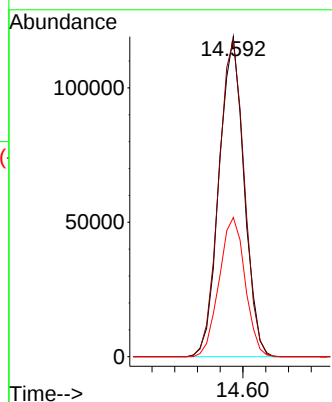
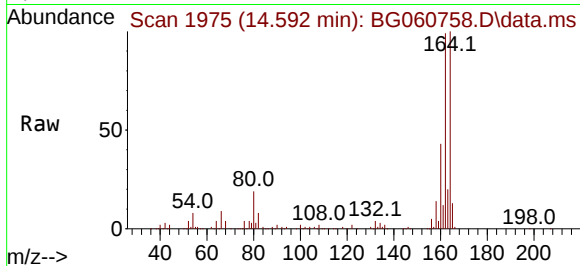




#39  
Acenaphthene-d10  
Concen: 20.000 ng  
RT: 14.592 min Scan# 14  
Delta R.T. 0.003 min  
Lab File: BG060758.D  
Acq: 3 Apr 2024 11:13

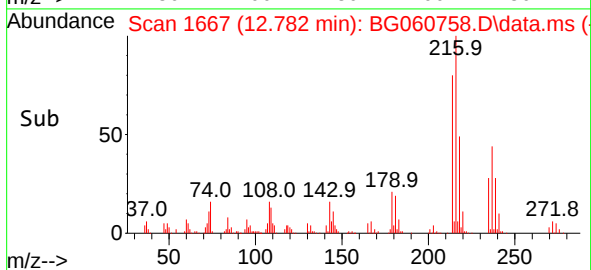
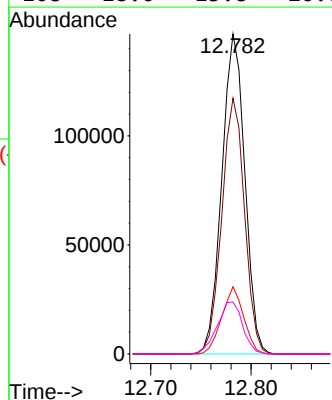
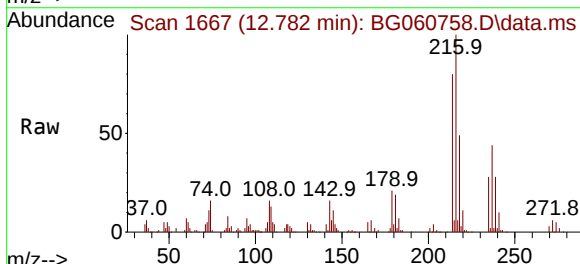
Instrument :  
BNA\_G  
ClientSampleId :  
PB159882BS

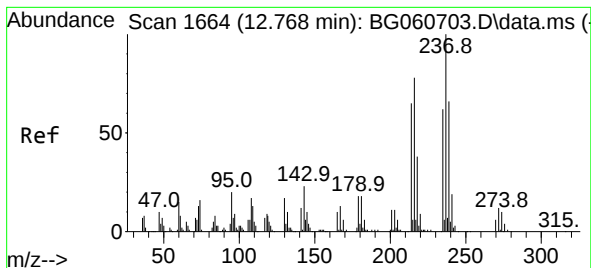
Tgt Ion:164 Resp: 181120  
Ion Ratio Lower Upper  
164 100  
162 98.9 79.5 119.3  
160 43.5 35.4 53.0



#40  
1,2,4,5-Tetrachlorobenzene  
Concen: 44.727 ng  
RT: 12.782 min Scan# 1667  
Delta R.T. 0.003 min  
Lab File: BG060758.D  
Acq: 3 Apr 2024 11:13

Tgt Ion:216 Resp: 232896  
Ion Ratio Lower Upper  
216 100  
214 79.0 63.1 94.7  
179 20.0 16.7 25.1  
108 18.0 13.8 20.6

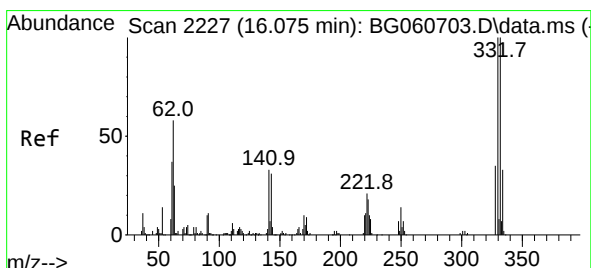
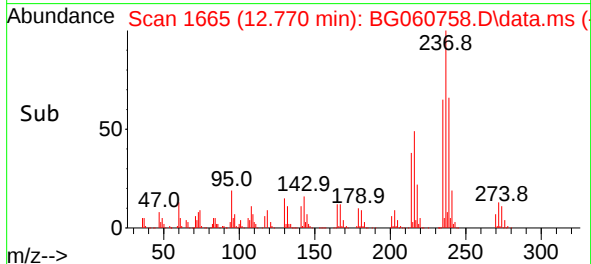
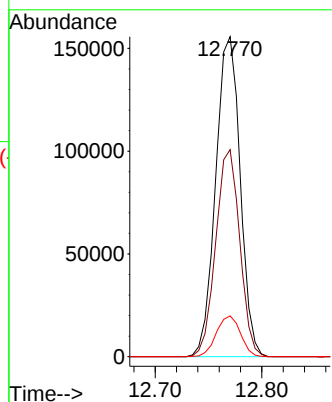
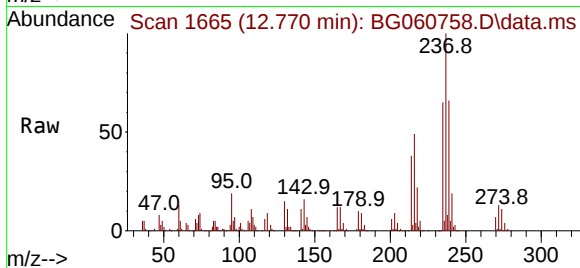




#41  
Hexachlorocyclopentadiene  
Concen: 93.625 ng  
RT: 12.770 min Scan# 1  
Delta R.T. 0.003 min  
Lab File: BG060758.D  
Acq: 3 Apr 2024 11:13

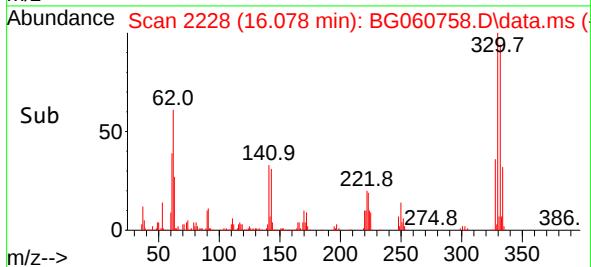
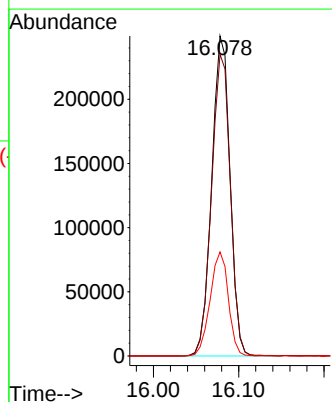
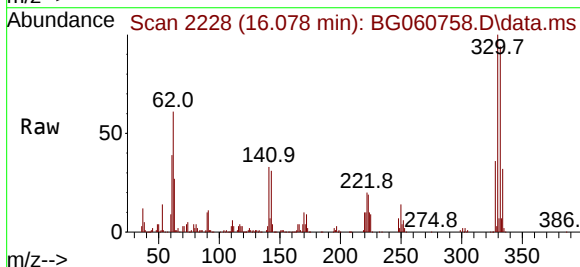
Instrument :  
BNA\_G  
ClientSampleId :  
PB159882BS

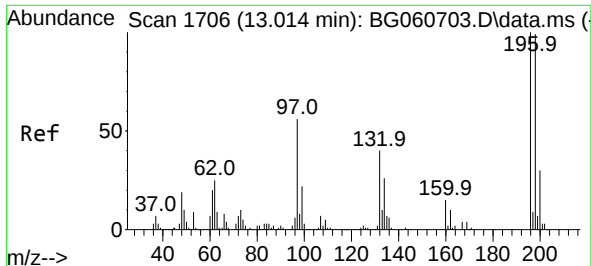
Tgt Ion:237 Resp: 247885  
Ion Ratio Lower Upper  
237 100  
235 64.7 42.0 82.0  
272 12.8 0.0 32.4



#42  
2,4,6-Tribromophenol  
Concen: 181.806 ng  
RT: 16.078 min Scan# 2228  
Delta R.T. 0.003 min  
Lab File: BG060758.D  
Acq: 3 Apr 2024 11:13

Tgt Ion:330 Resp: 373794  
Ion Ratio Lower Upper  
330 100  
332 96.0 78.2 117.4  
141 32.2 27.0 40.6

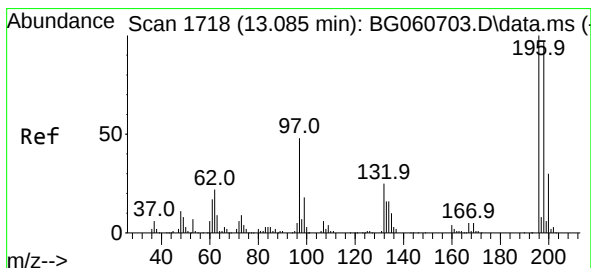
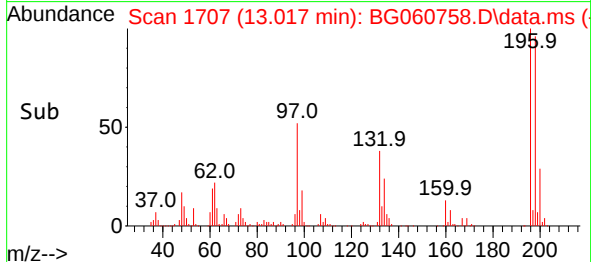
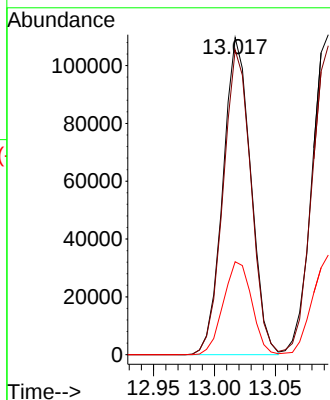
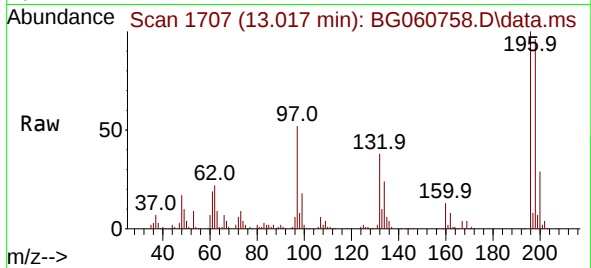




#43  
2,4,6-Trichlorophenol  
Concen: 52.014 ng  
RT: 13.017 min Scan# 1  
Delta R.T. 0.003 min  
Lab File: BG060758.D  
Acq: 3 Apr 2024 11:13

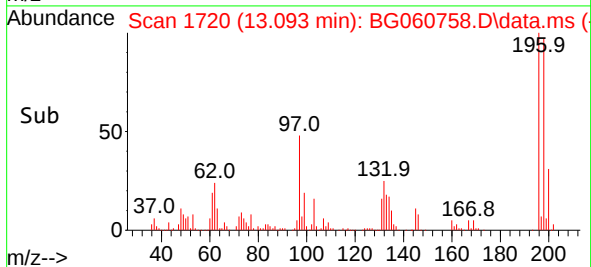
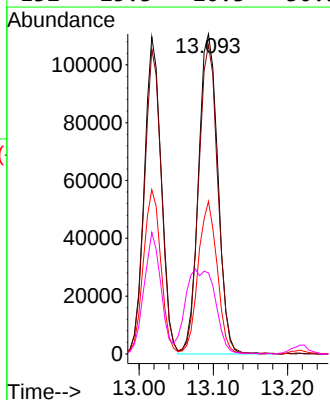
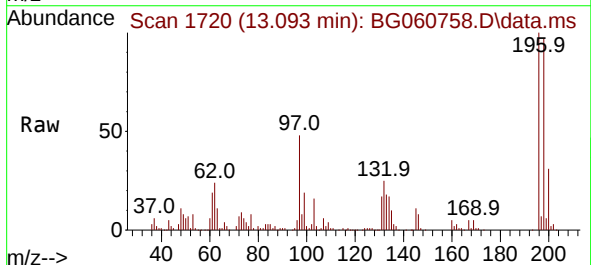
Instrument :  
BNA\_G  
ClientSampleId :  
PB159882BS

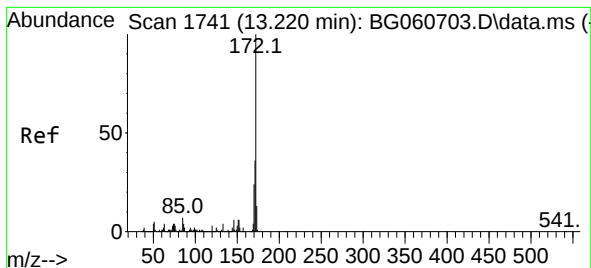
Tgt Ion:196 Resp: 174394  
Ion Ratio Lower Upper  
196 100  
198 96.1 79.1 118.7  
200 29.3 24.0 36.0



#44  
2,4,5-Trichlorophenol  
Concen: 50.298 ng  
RT: 13.093 min Scan# 1720  
Delta R.T. 0.008 min  
Lab File: BG060758.D  
Acq: 3 Apr 2024 11:13

Tgt Ion:196 Resp: 201257  
Ion Ratio Lower Upper  
196 100  
198 96.6 77.8 116.8  
97 47.7 38.2 57.4  
132 25.3 20.3 30.5





#45

2-Fluorobiphenyl

Concen: 81.671 ng

RT: 13.217 min Scan# 1

Delta R.T. -0.003 min

Lab File: BG060758.D

Acq: 3 Apr 2024 11:13

Instrument :

BNA\_G

ClientSampleId :

PB159882BS

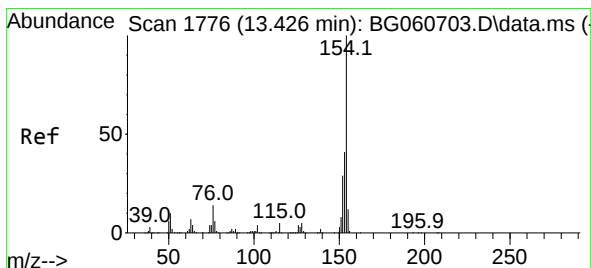
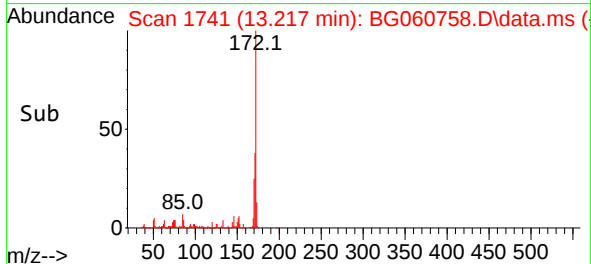
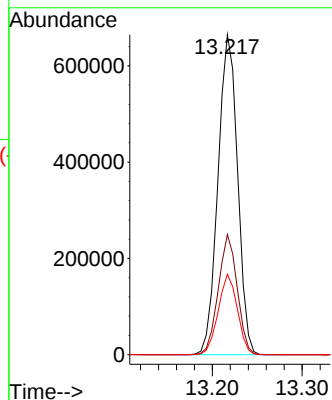
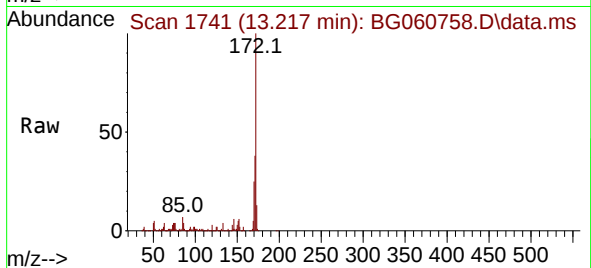
Tgt Ion:172 Resp: 1007898

Ion Ratio Lower Upper

172 100

171 37.5 28.7 43.1

170 25.1 19.4 29.0



#46

1,1'-Biphenyl

Concen: 43.741 ng

RT: 13.428 min Scan# 1777

Delta R.T. 0.003 min

Lab File: BG060758.D

Acq: 3 Apr 2024 11:13

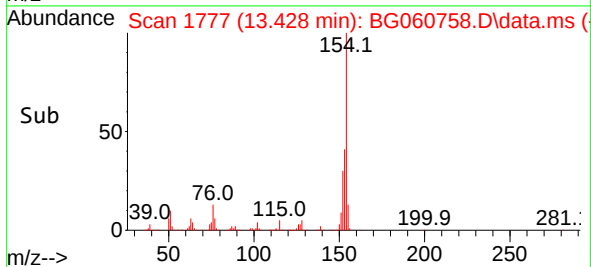
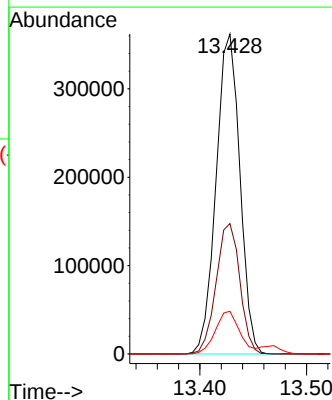
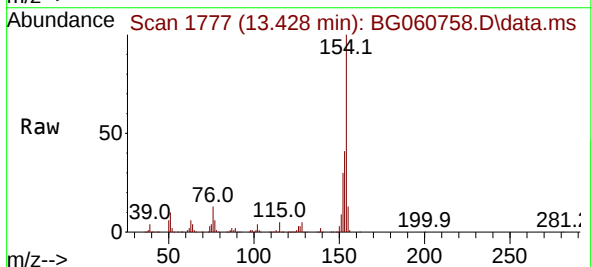
Tgt Ion:154 Resp: 559592

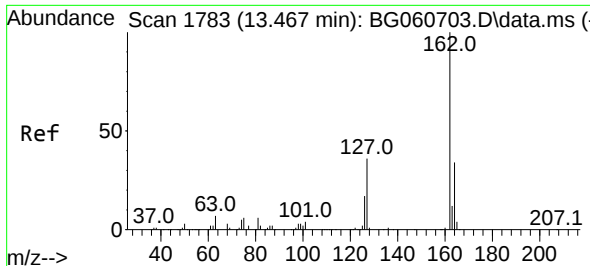
Ion Ratio Lower Upper

154 100

153 40.7 20.8 60.8

76 13.3 0.0 33.9

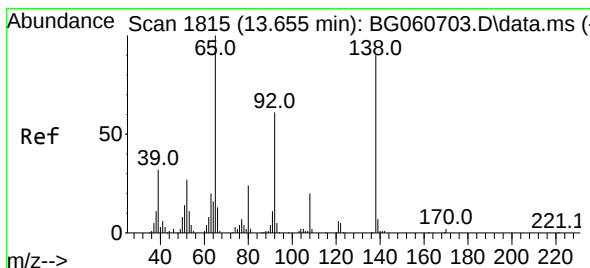
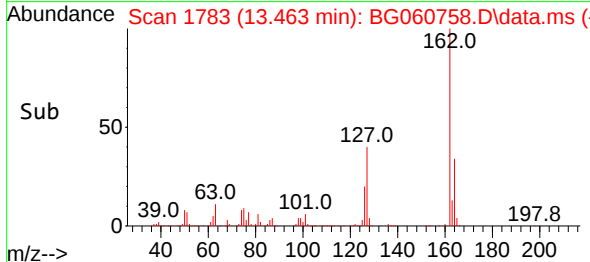
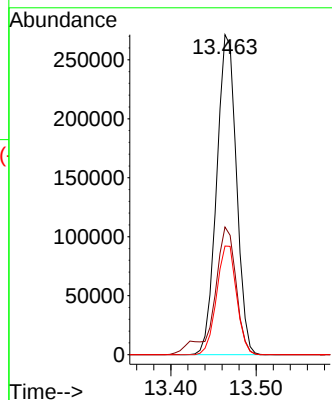
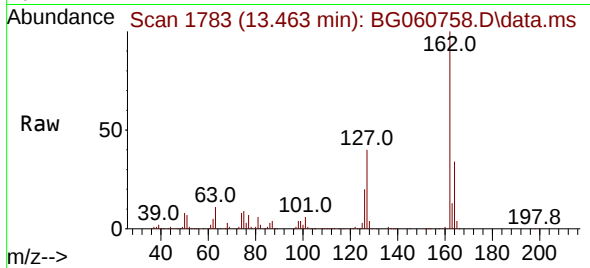




#47  
2-Chloronaphthalene  
Concen: 44.928 ng  
RT: 13.463 min Scan# 1  
Delta R.T. -0.003 min  
Lab File: BG060758.D  
Acq: 3 Apr 2024 11:13

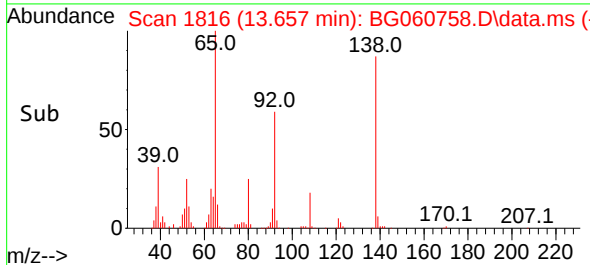
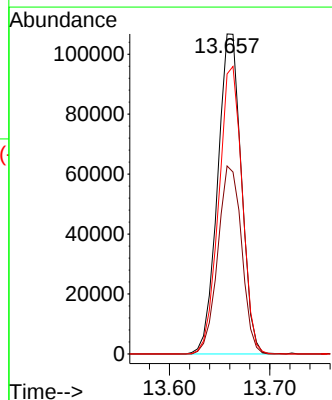
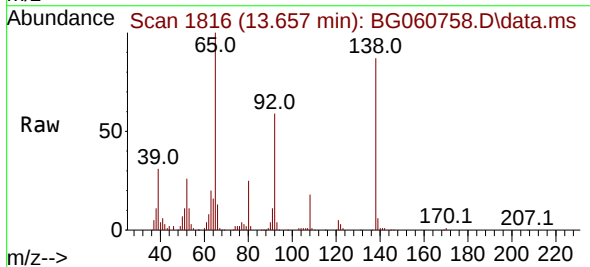
Instrument :  
BNA\_G  
ClientSampleId :  
PB159882BS

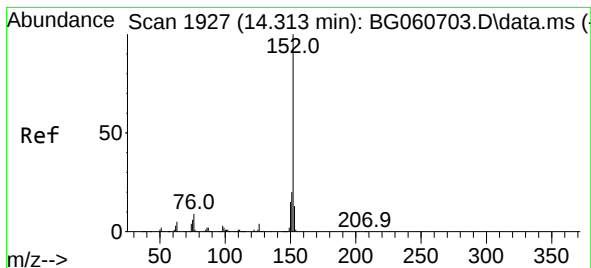
Tgt Ion:162 Resp: 436698  
Ion Ratio Lower Upper  
162 100  
127 39.9 30.6 46.0  
164 34.0 26.9 40.3



#48  
2-Nitroaniline  
Concen: 54.314 ng  
RT: 13.657 min Scan# 1816  
Delta R.T. 0.002 min  
Lab File: BG060758.D  
Acq: 3 Apr 2024 11:13

Tgt Ion: 65 Resp: 175024  
Ion Ratio Lower Upper  
65 100  
92 58.8 48.6 72.8  
138 87.5 72.2 108.4





#49

Acenaphthylene

Concen: 47.684 ng

RT: 14.310 min Scan# 1927

Delta R.T. -0.003 min

Lab File: BG060758.D

Acq: 3 Apr 2024 11:13

Instrument :

BNA\_G

ClientSampleId :

PB159882BS

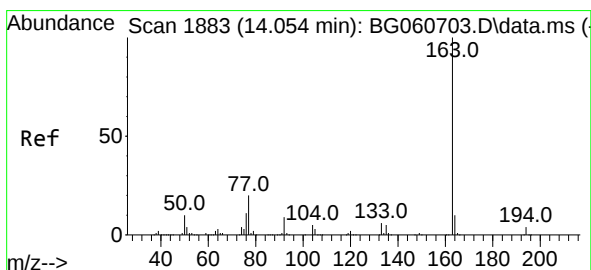
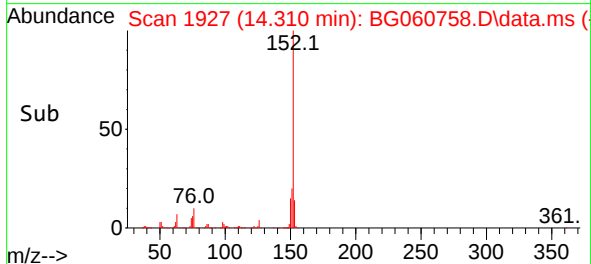
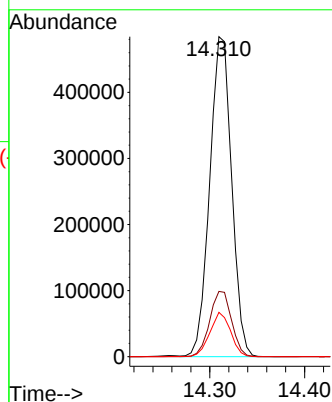
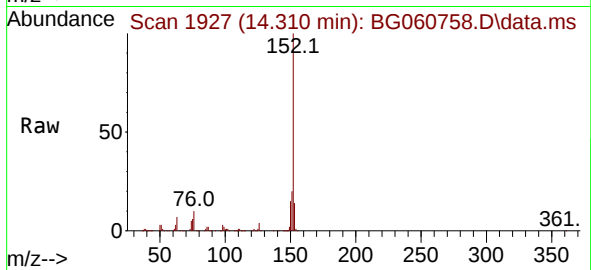
Tgt Ion:152 Resp: 778760

Ion Ratio Lower Upper

152 100

151 20.4 16.4 24.6

153 13.9 10.5 15.7



#50

Dimethylphthalate

Concen: 46.370 ng

RT: 14.051 min Scan# 1883

Delta R.T. -0.003 min

Lab File: BG060758.D

Acq: 3 Apr 2024 11:13

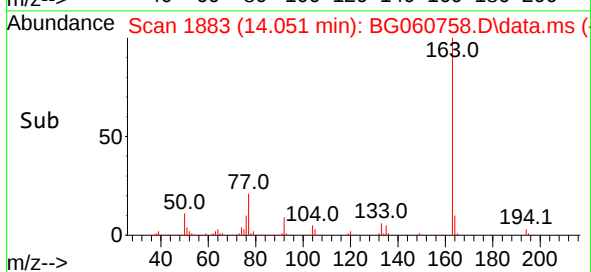
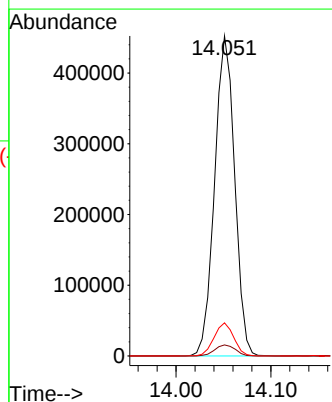
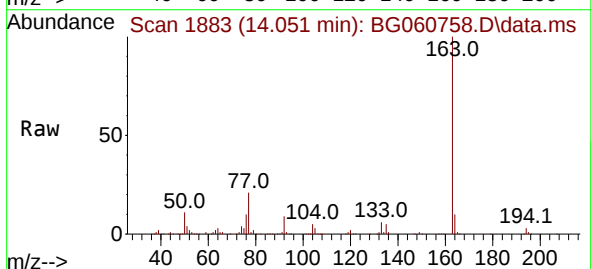
Tgt Ion:163 Resp: 663833

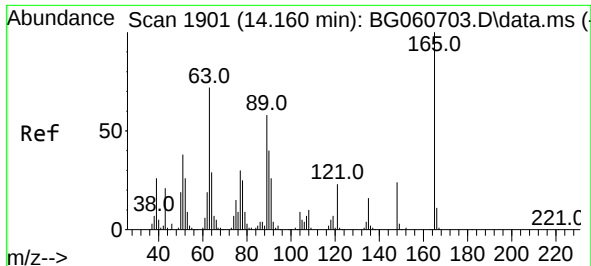
Ion Ratio Lower Upper

163 100

194 3.4 3.0 4.6

164 10.4 7.9 11.9

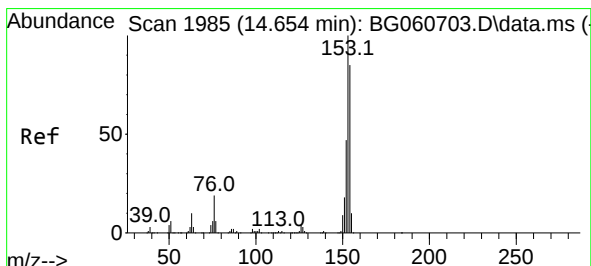
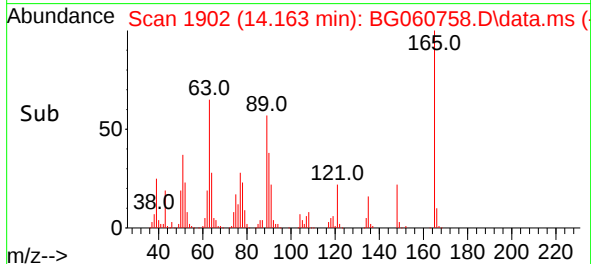
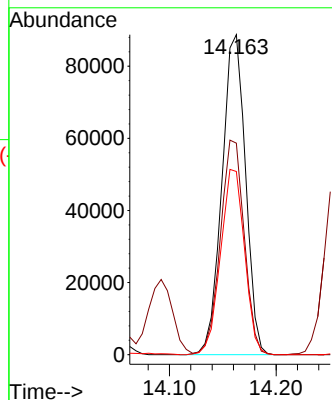
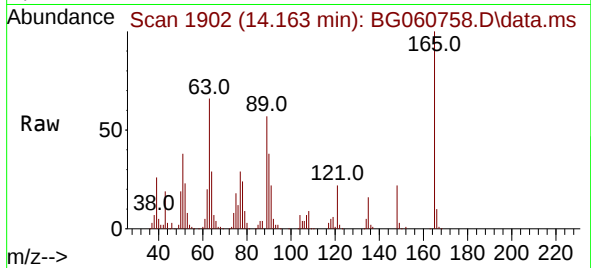




#51  
2,6-Dinitrotoluene  
Concen: 52.768 ng  
RT: 14.163 min Scan# 1901  
Delta R.T. 0.003 min  
Lab File: BG060758.D  
Acq: 3 Apr 2024 11:13

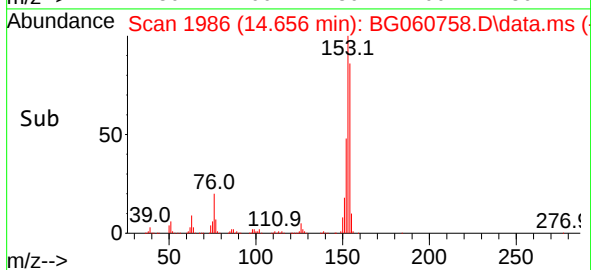
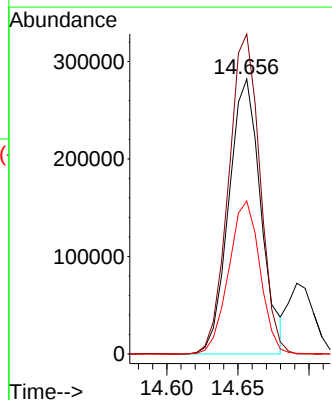
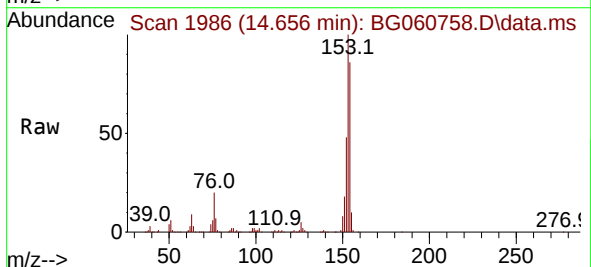
Instrument :  
BNA\_G  
ClientSampleId :  
PB159882BS

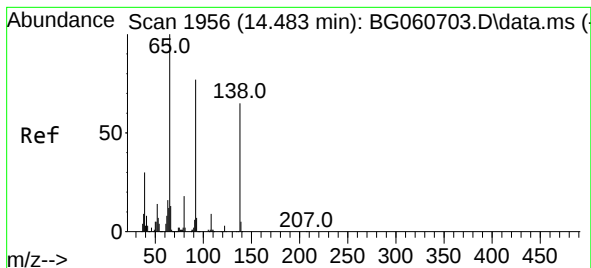
Tgt Ion:165 Resp: 136213  
Ion Ratio Lower Upper  
165 100  
63 66.1 58.2 87.4  
89 57.3 46.1 69.1



#52  
Acenaphthene  
Concen: 43.272 ng  
RT: 14.656 min Scan# 1986  
Delta R.T. 0.002 min  
Lab File: BG060758.D  
Acq: 3 Apr 2024 11:13

Tgt Ion:154 Resp: 443718  
Ion Ratio Lower Upper  
154 100  
153 116.4 93.9 140.9  
152 55.7 44.1 66.1

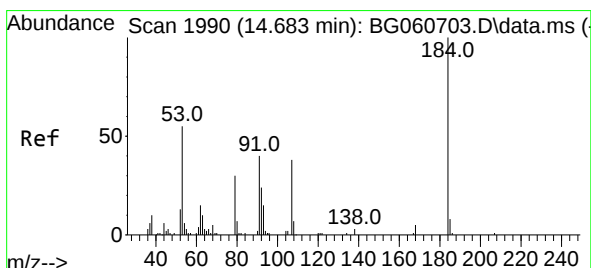
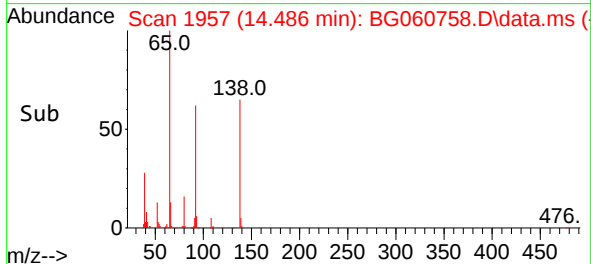
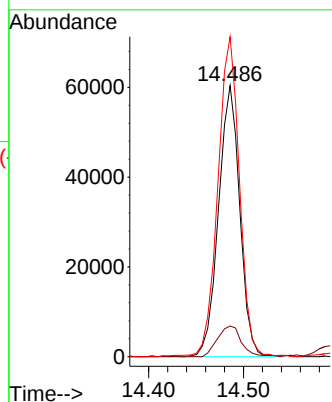
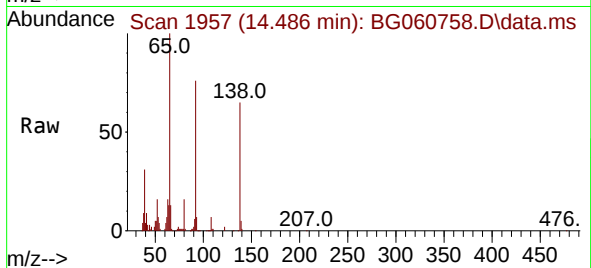




#53  
3-Nitroaniline  
Concen: 34.316 ng  
RT: 14.486 min Scan# 1956  
Delta R.T. 0.003 min  
Lab File: BG060758.D  
Acq: 3 Apr 2024 11:13

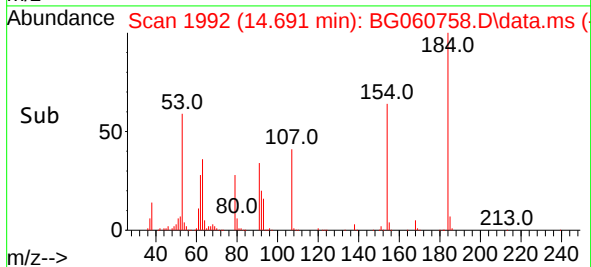
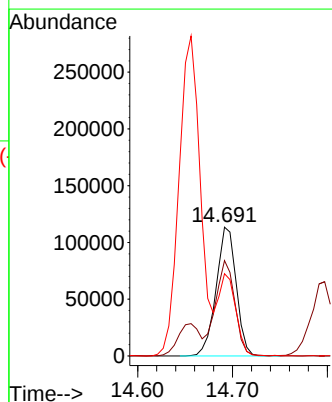
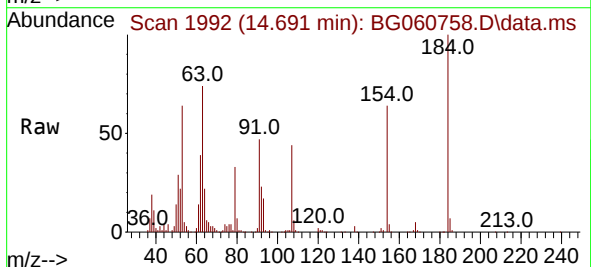
Instrument :  
BNA\_G  
ClientSampleId :  
PB159882BS

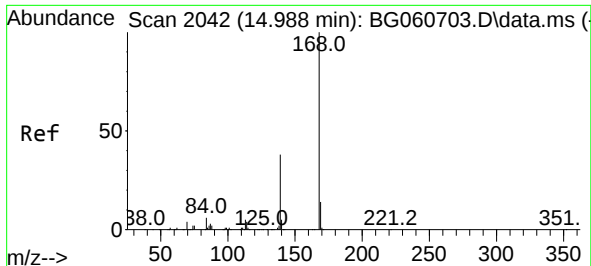
Tgt Ion:138 Resp: 94060  
Ion Ratio Lower Upper  
138 100  
108 11.3 11.3 16.9  
92 118.0 94.1 141.1



#54  
2,4-Dinitrophenol  
Concen: 167.735 ng  
RT: 14.691 min Scan# 1992  
Delta R.T. 0.008 min  
Lab File: BG060758.D  
Acq: 3 Apr 2024 11:13

Tgt Ion:184 Resp: 167143  
Ion Ratio Lower Upper  
184 100  
63 74.1 51.3 76.9  
154 63.9 59.9 89.9

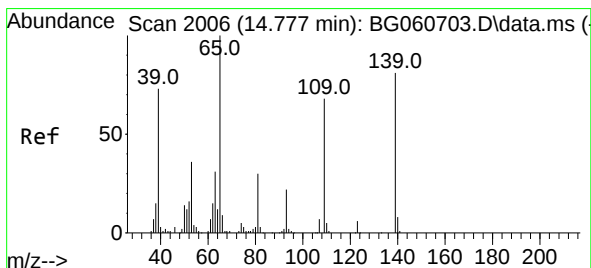
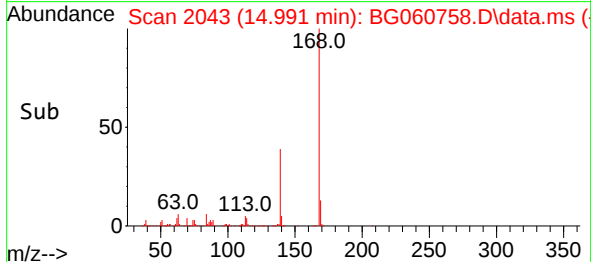
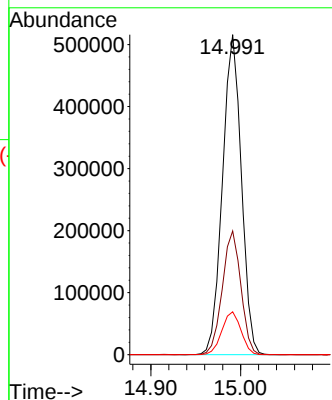
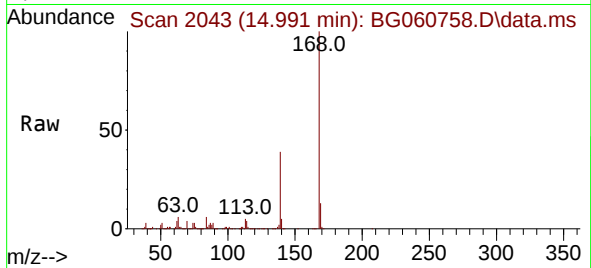




#55  
Dibenzofuran  
Concen: 46.459 ng  
RT: 14.991 min Scan# 20  
Delta R.T. 0.003 min  
Lab File: BG060758.D  
Acq: 3 Apr 2024 11:13

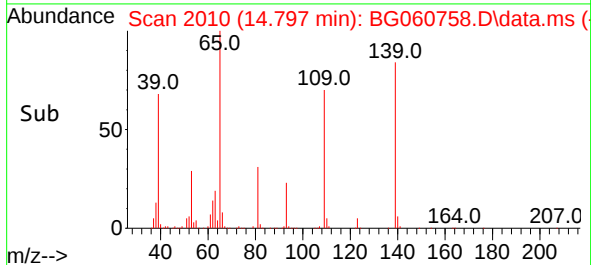
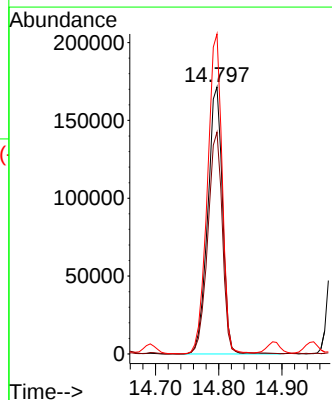
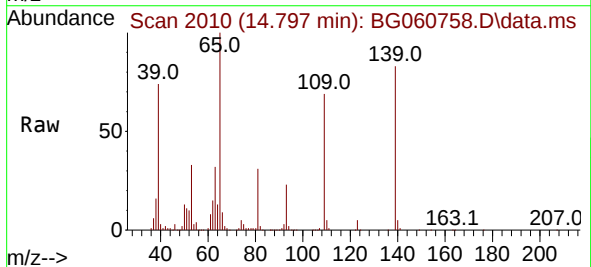
Instrument :  
BNA\_G  
ClientSampleId :  
PB159882BS

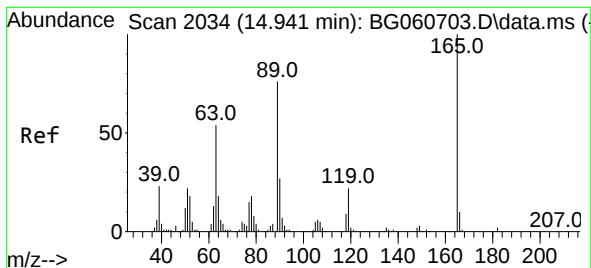
Tgt Ion:168 Resp: 751444  
Ion Ratio Lower Upper  
168 100  
139 38.6 30.1 45.1  
169 13.4 11.0 16.4



#56  
4-Nitrophenol  
Concen: 132.995 ng  
RT: 14.797 min Scan# 2010  
Delta R.T. 0.020 min  
Lab File: BG060758.D  
Acq: 3 Apr 2024 11:13

Tgt Ion:139 Resp: 278336  
Ion Ratio Lower Upper  
139 100  
109 83.1 64.0 104.0  
65 119.8 104.3 144.3

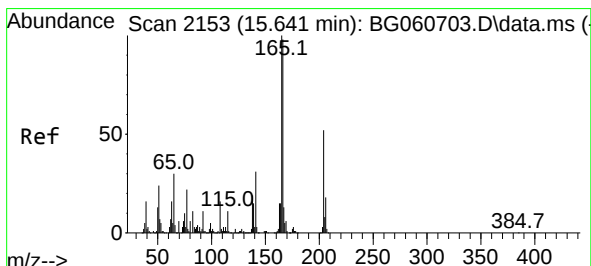
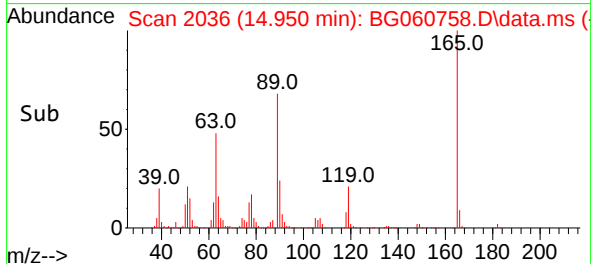
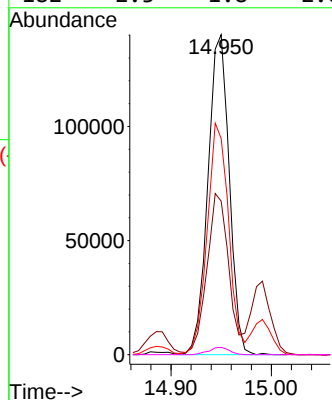
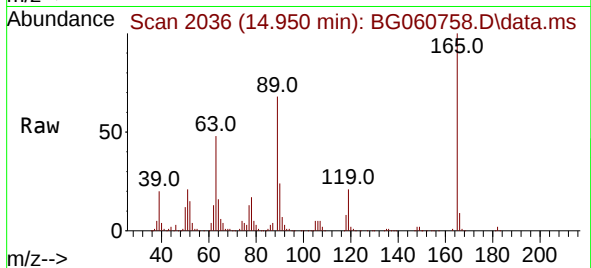




#57  
2,4-Dinitrotoluene  
Concen: 60.466 ng  
RT: 14.950 min Scan# 2036  
Delta R.T. 0.009 min  
Lab File: BG060758.D  
Acq: 3 Apr 2024 11:13

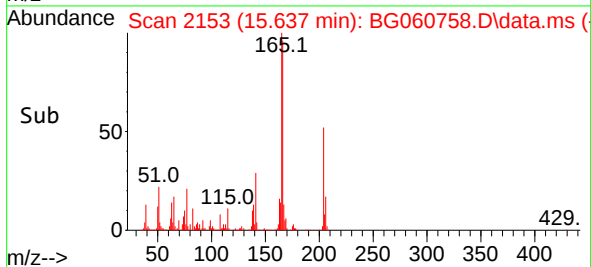
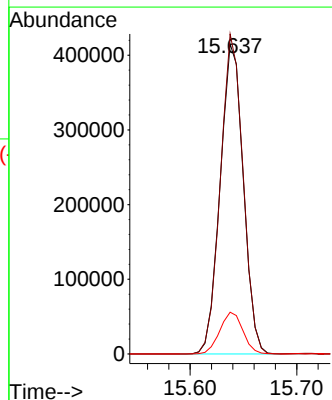
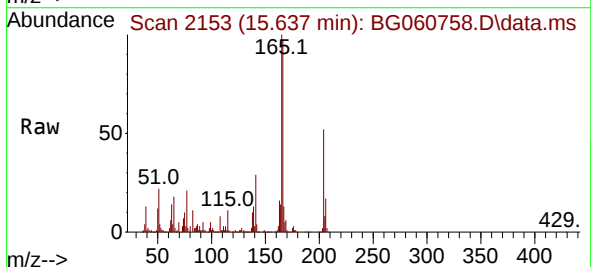
Instrument :  
BNA\_G  
ClientSampleId :  
PB159882BS

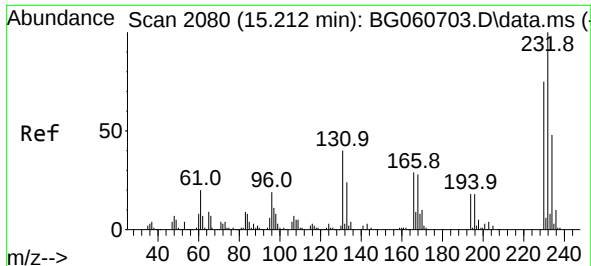
Tgt Ion:165 Resp: 207255  
Ion Ratio Lower Upper  
165 100  
63 48.0 43.4 65.0  
89 67.6 61.0 91.6  
182 2.3 1.8 2.6



#58  
Fluorene  
Concen: 48.127 ng  
RT: 15.637 min Scan# 2153  
Delta R.T. -0.003 min  
Lab File: BG060758.D  
Acq: 3 Apr 2024 11:13

Tgt Ion:166 Resp: 624744  
Ion Ratio Lower Upper  
166 100  
165 103.2 81.8 122.8  
167 13.5 10.9 16.3

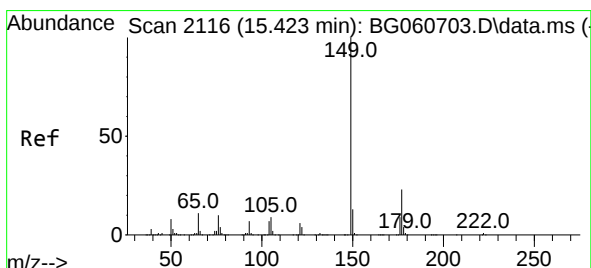
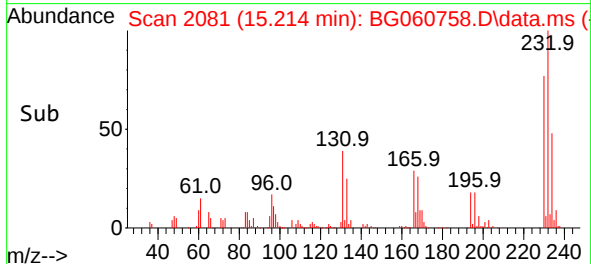
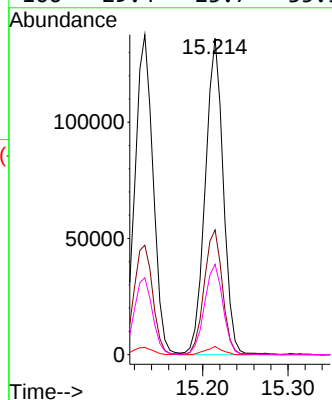
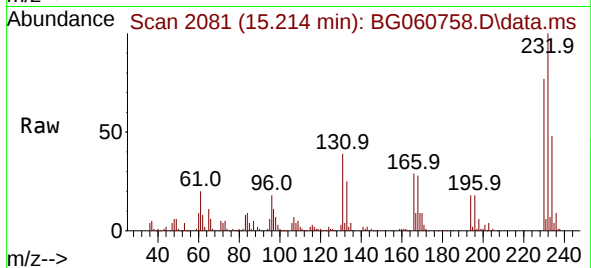




#59  
2,3,4,6-Tetrachlorophenol  
Concen: 57.229 ng  
RT: 15.214 min Scan# 2080  
Delta R.T. 0.002 min  
Lab File: BG060758.D  
Acq: 3 Apr 2024 11:13

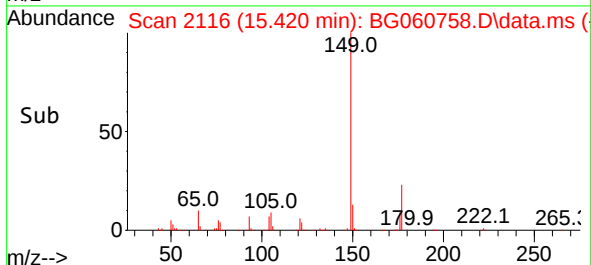
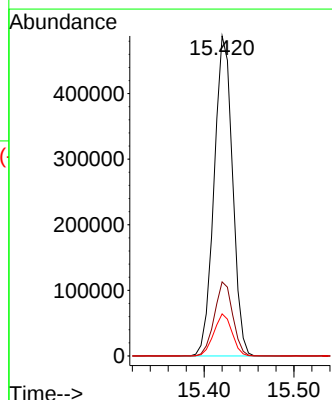
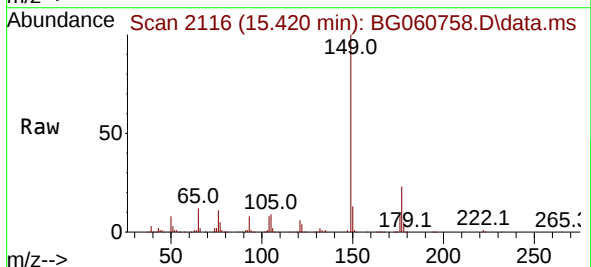
Instrument :  
BNA\_G  
ClientSampleId :  
PB159882BS

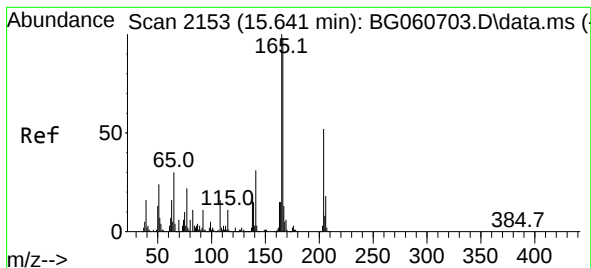
Tgt Ion:232 Resp: 199557  
Ion Ratio Lower Upper  
232 100  
131 39.3 32.2 48.2  
130 2.4 2.1 3.1  
166 29.4 23.7 35.5



#60  
Diethylphthalate  
Concen: 48.257 ng  
RT: 15.420 min Scan# 2116  
Delta R.T. -0.003 min  
Lab File: BG060758.D  
Acq: 3 Apr 2024 11:13

Tgt Ion:149 Resp: 695036  
Ion Ratio Lower Upper  
149 100  
177 23.2 18.0 27.0  
150 13.2 10.2 15.4

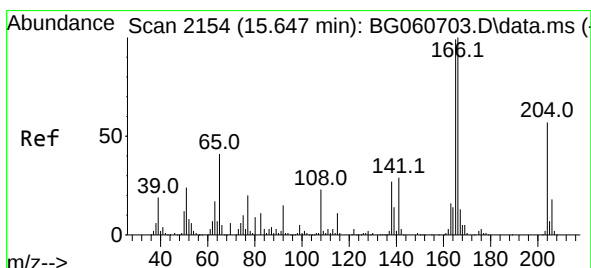
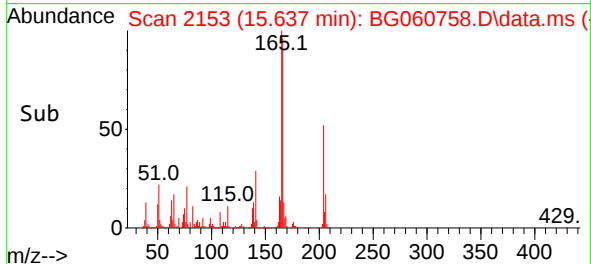
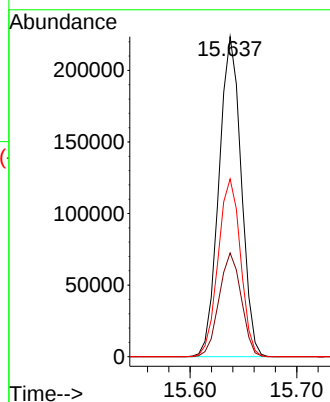
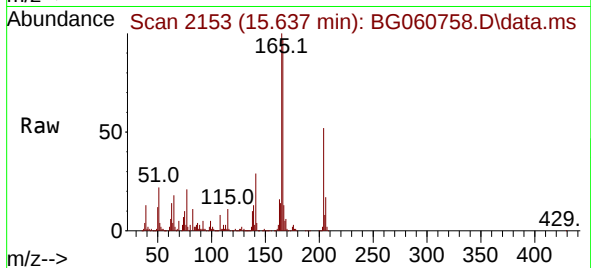




#61  
4-Chlorophenyl-phenylether  
Concen: 47.280 ng  
RT: 15.637 min Scan# 2153  
Delta R.T. -0.004 min  
Lab File: BG060758.D  
Acq: 3 Apr 2024 11:13

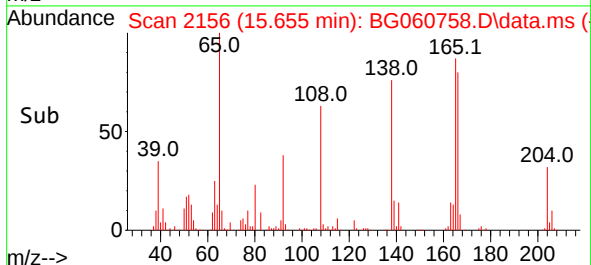
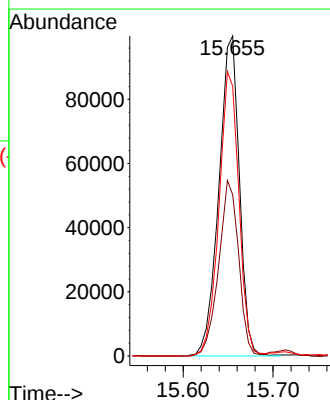
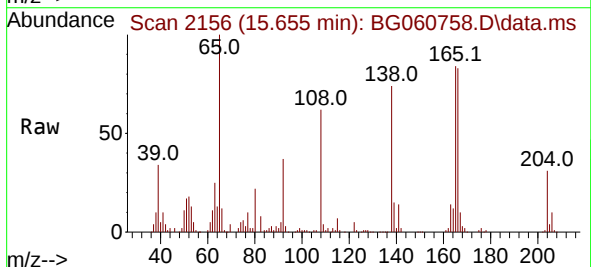
Instrument :  
BNA\_G  
ClientSampleId :  
PB159882BS

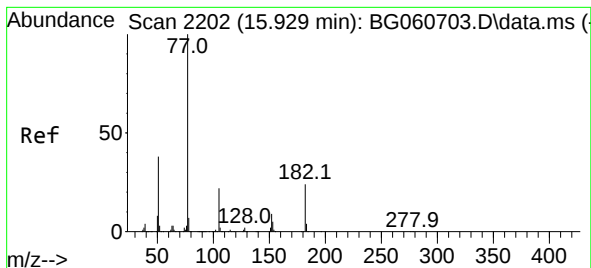
Tgt Ion:204 Resp: 324702  
Ion Ratio Lower Upper  
204 100  
206 32.4 28.3 42.5  
141 55.6 47.2 70.8



#62  
4-Nitroaniline  
Concen: 60.446 ng  
RT: 15.655 min Scan# 2156  
Delta R.T. 0.008 min  
Lab File: BG060758.D  
Acq: 3 Apr 2024 11:13

Tgt Ion:138 Resp: 158210  
Ion Ratio Lower Upper  
138 100  
92 50.4 36.8 76.8  
108 84.3 66.9 106.9





#63

Azobenzene

Concen: 46.835 ng

RT: 15.931 min Scan# 21

Delta R.T. 0.002 min

Lab File: BG060758.D

Acq: 3 Apr 2024 11:13

Instrument :

BNA\_G

ClientSampleId :

PB159882BS

Tgt Ion: 77 Resp: 657318

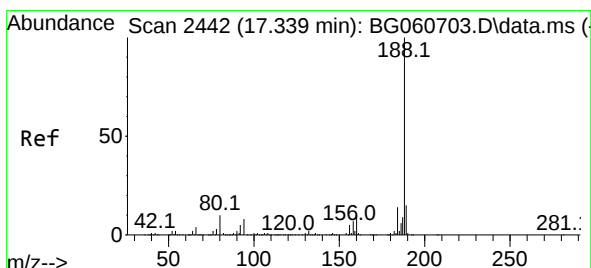
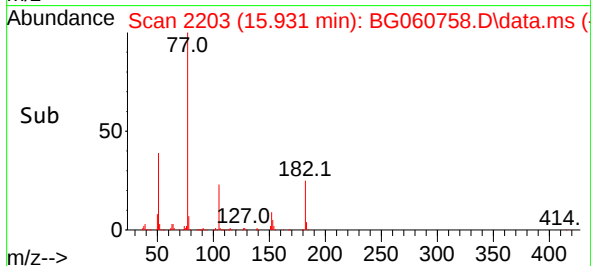
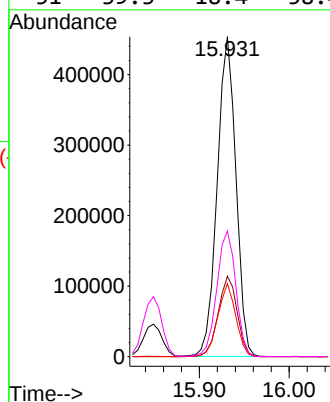
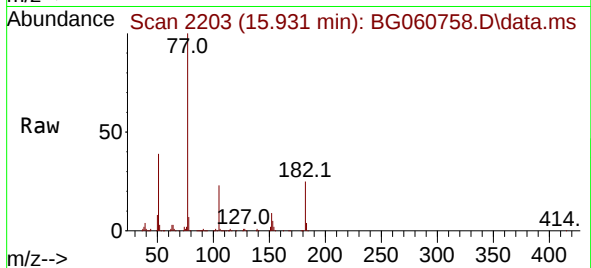
Ion Ratio Lower Upper

77 100

182 25.1 3.9 43.9

105 22.9 1.7 41.7

51 39.3 18.4 58.4



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.335 min Scan# 2442

Delta R.T. -0.003 min

Lab File: BG060758.D

Acq: 3 Apr 2024 11:13

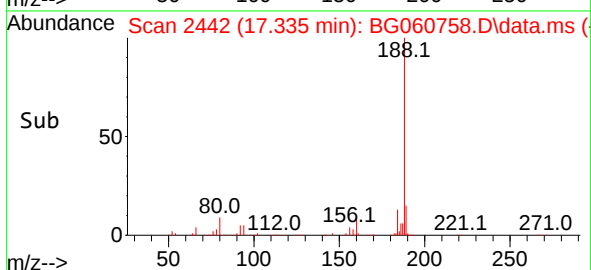
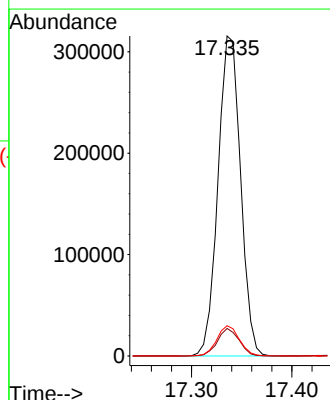
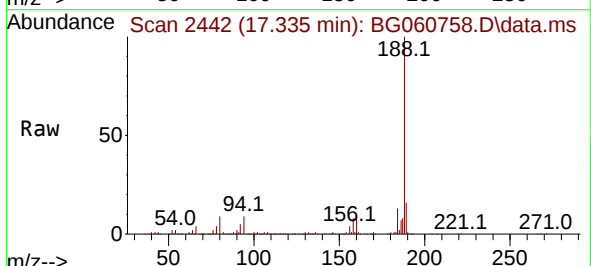
Tgt Ion:188 Resp: 492550

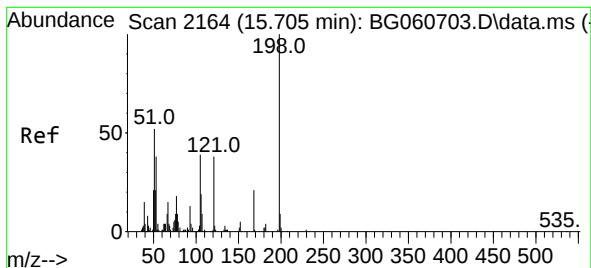
Ion Ratio Lower Upper

188 100

94 8.6 6.6 9.8

80 9.5 7.6 11.4

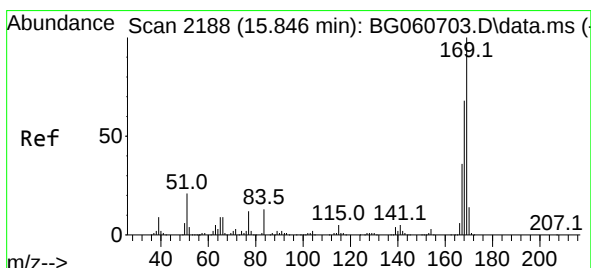
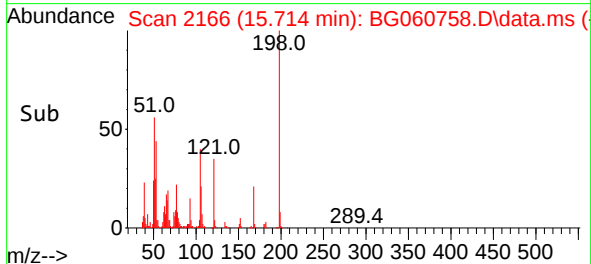
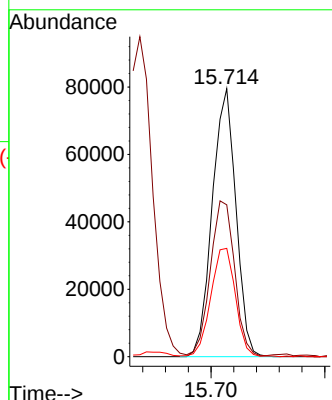
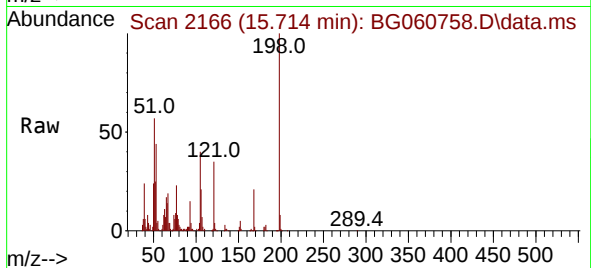




#65  
4,6-Dinitro-2-methylphenol  
Concen: 55.256 ng  
RT: 15.714 min Scan# 2166  
Delta R.T. 0.009 min  
Lab File: BG060758.D  
Acq: 3 Apr 2024 11:13

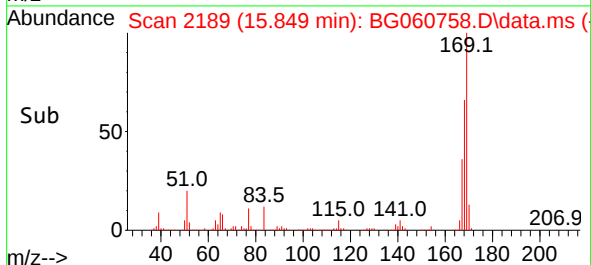
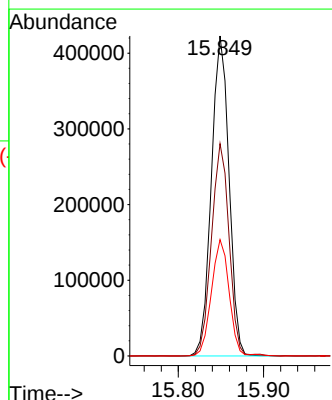
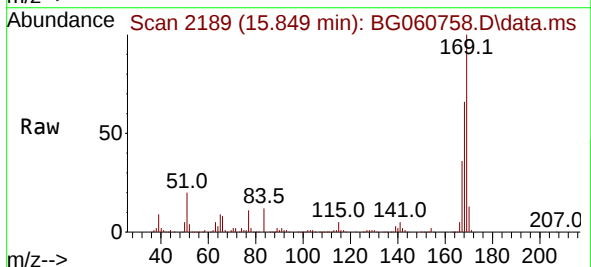
Instrument :  
BNA\_G  
ClientSampleId :  
PB159882BS

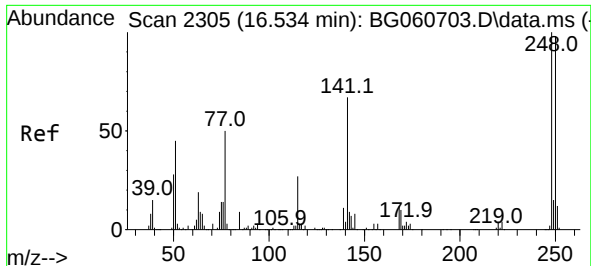
Tgt Ion:198 Resp: 114851  
Ion Ratio Lower Upper  
198 100  
51 56.7 36.7 76.7  
105 40.5 19.1 59.1



#66  
n-Nitrosodiphenylamine  
Concen: 43.133 ng  
RT: 15.849 min Scan# 2189  
Delta R.T. 0.003 min  
Lab File: BG060758.D  
Acq: 3 Apr 2024 11:13

Tgt Ion:169 Resp: 607110  
Ion Ratio Lower Upper  
169 100  
168 66.4 54.5 81.7  
167 36.3 29.2 43.8

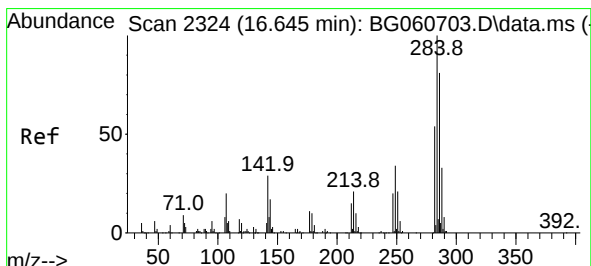
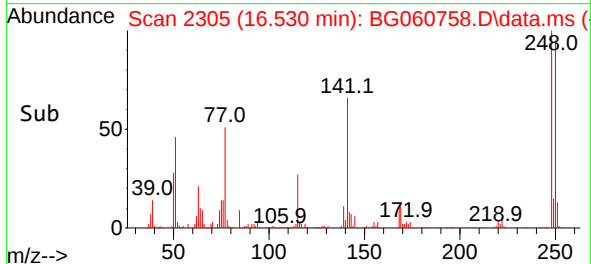
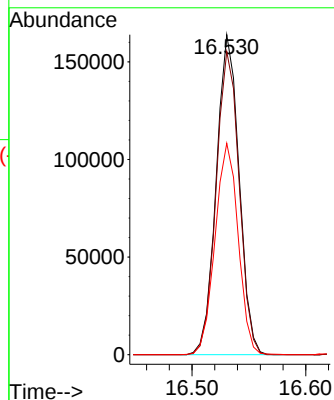
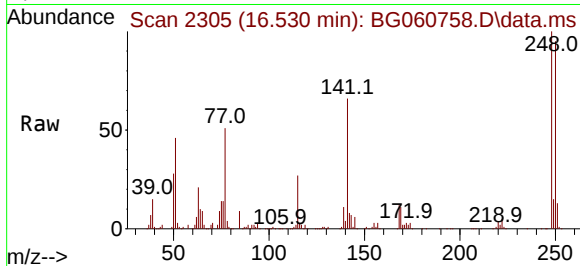




#67  
4-Bromophenyl-phenylether  
Concen: 45.768 ng  
RT: 16.530 min Scan# 21  
Delta R.T. -0.004 min  
Lab File: BG060758.D  
Acq: 3 Apr 2024 11:13

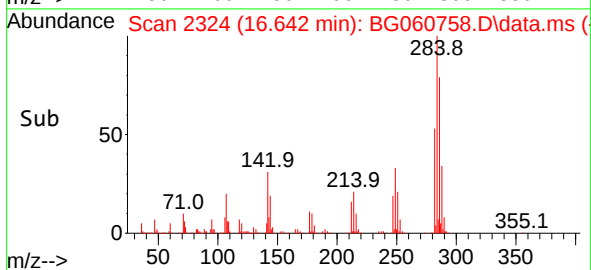
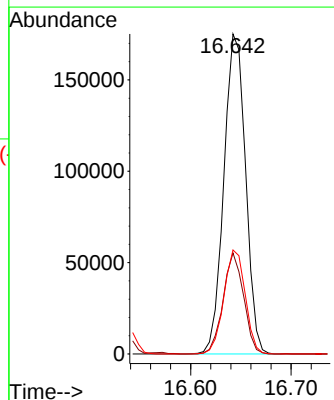
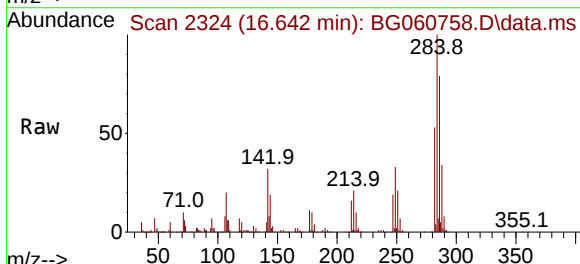
Instrument :  
BNA\_G  
ClientSampleId :  
PB159882BS

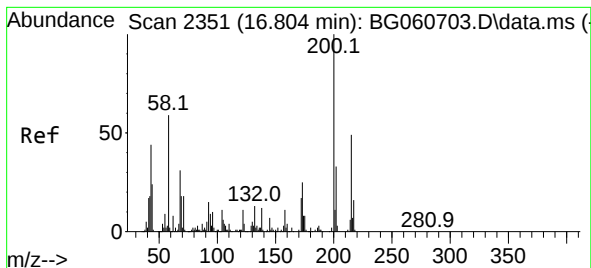
Tgt Ion:248 Resp: 228780  
Ion Ratio Lower Upper  
248 100  
250 94.8 78.3 117.5  
141 66.0 53.7 80.5



#68  
Hexachlorobenzene  
Concen: 46.562 ng  
RT: 16.642 min Scan# 2324  
Delta R.T. -0.003 min  
Lab File: BG060758.D  
Acq: 3 Apr 2024 11:13

Tgt Ion:284 Resp: 262745  
Ion Ratio Lower Upper  
284 100  
142 31.6 22.9 34.3  
249 32.5 27.1 40.7





#69

Atrazine

Concen: 40.650 ng

RT: 16.801 min Scan# 21

Delta R.T. -0.003 min

Lab File: BG060758.D

Acq: 3 Apr 2024 11:13

Instrument :

BNA\_G

ClientSampleId :

PB159882BS

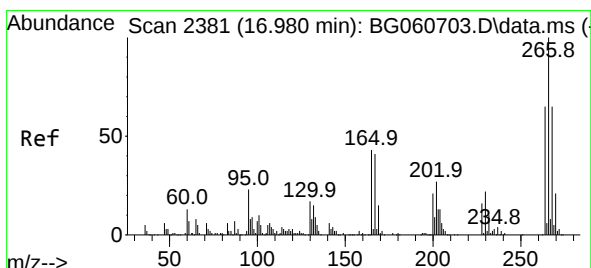
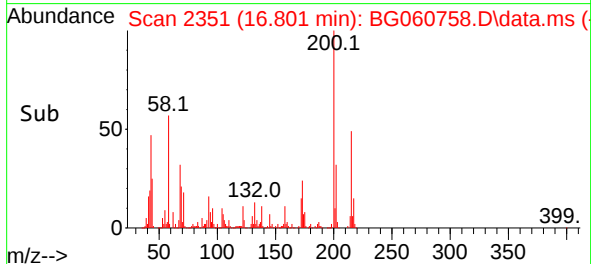
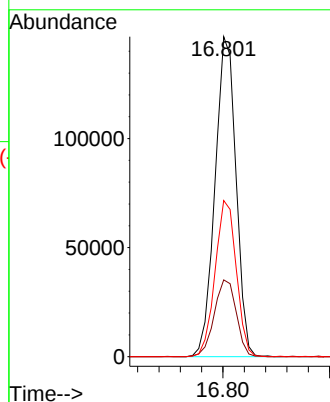
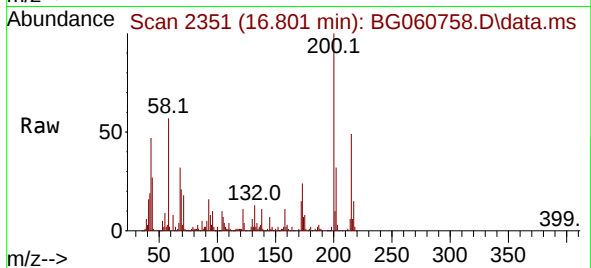
Tgt Ion:200 Resp: 200083

Ion Ratio Lower Upper

200 100

173 24.0 5.2 45.2

215 48.8 28.8 68.8



#70

Pentachlorophenol

Concen: 102.036 ng

RT: 16.983 min Scan# 2382

Delta R.T. 0.003 min

Lab File: BG060758.D

Acq: 3 Apr 2024 11:13

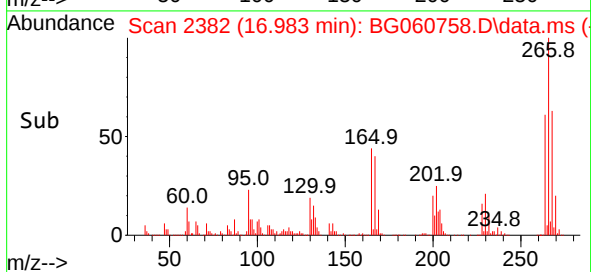
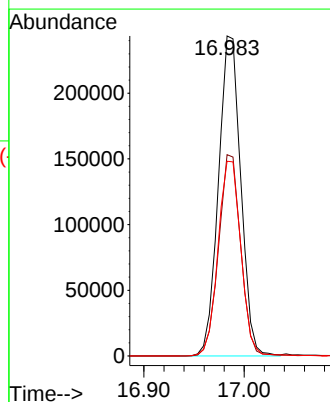
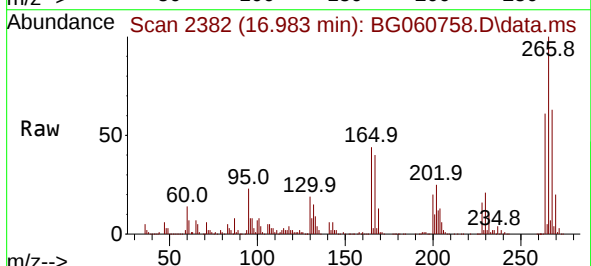
Tgt Ion:266 Resp: 375699

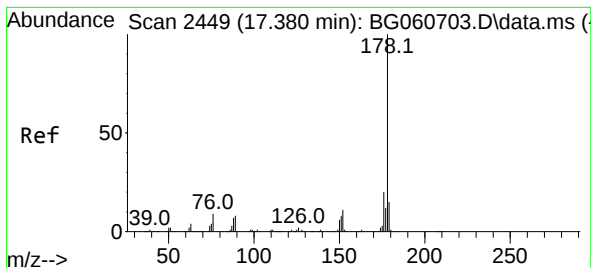
Ion Ratio Lower Upper

266 100

268 62.9 52.2 78.4

264 60.9 51.8 77.6





#71

Phenanthrene

Concen: 44.392 ng

RT: 17.382 min Scan# 2449

Delta R.T. 0.003 min

Lab File: BG060758.D

Acq: 3 Apr 2024 11:13

Instrument :

BNA\_G

ClientSampleId :

PB159882BS

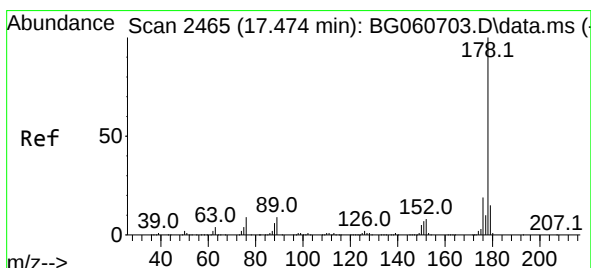
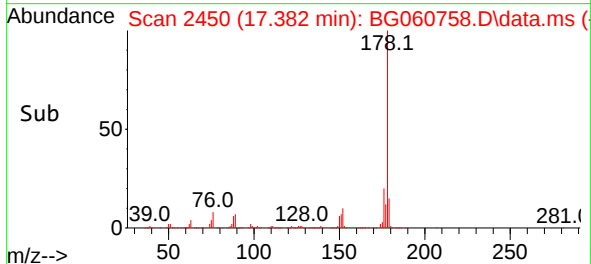
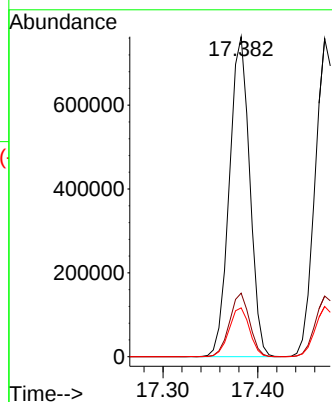
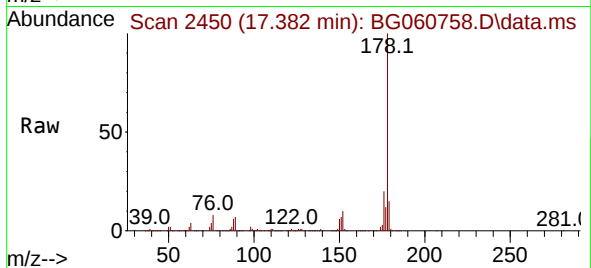
Tgt Ion:178 Resp: 1137157

Ion Ratio Lower Upper

178 100

176 19.9 15.8 23.6

179 15.3 12.2 18.4



#72

Anthracene

Concen: 44.300 ng

RT: 17.471 min Scan# 2465

Delta R.T. -0.003 min

Lab File: BG060758.D

Acq: 3 Apr 2024 11:13

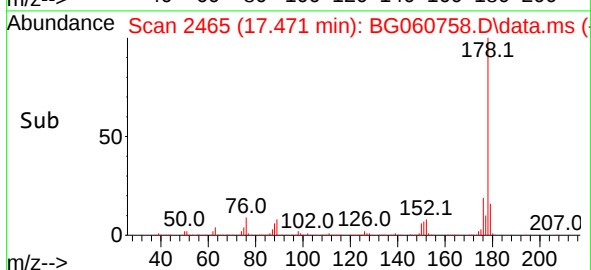
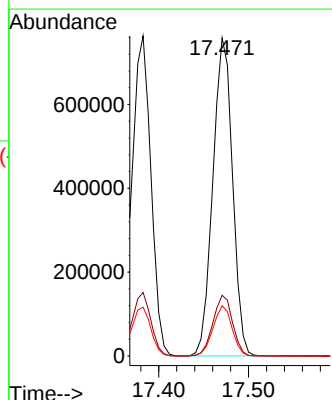
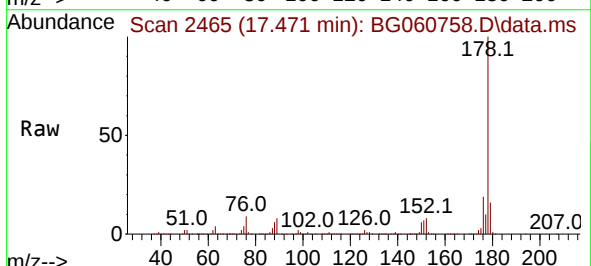
Tgt Ion:178 Resp: 1152470

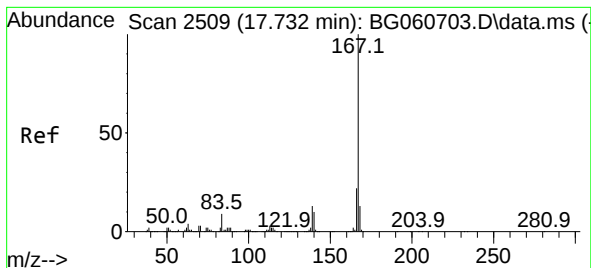
Ion Ratio Lower Upper

178 100

176 19.0 15.5 23.3

179 15.8 12.2 18.2





#73

Carbazole

Concen: 45.923 ng

RT: 17.735 min Scan# 21

Delta R.T. 0.003 min

Lab File: BG060758.D

Acq: 3 Apr 2024 11:13

Instrument :

BNA\_G

ClientSampleId :

PB159882BS

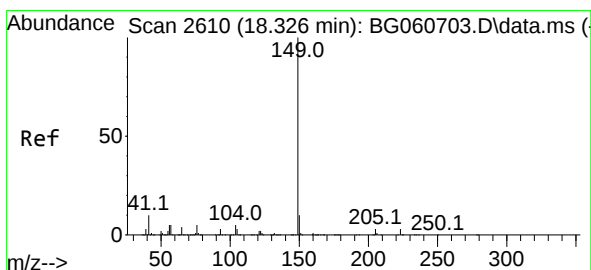
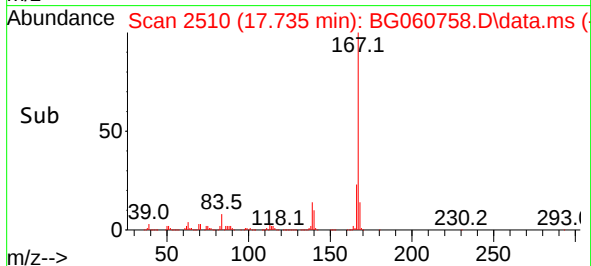
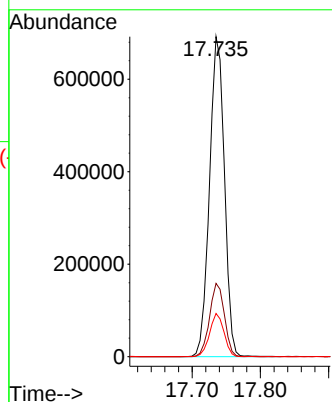
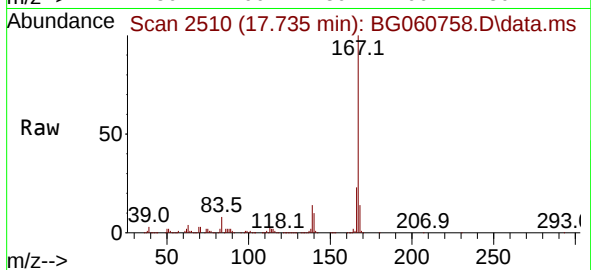
Tgt Ion:167 Resp: 1053348

Ion Ratio Lower Upper

167 100

166 22.9 18.0 27.0

139 13.5 10.5 15.7



#74

Di-n-butylphthalate

Concen: 44.670 ng

RT: 18.322 min Scan# 2610

Delta R.T. -0.004 min

Lab File: BG060758.D

Acq: 3 Apr 2024 11:13

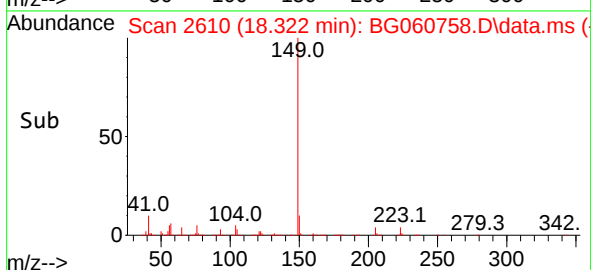
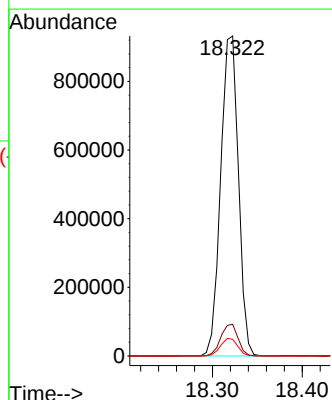
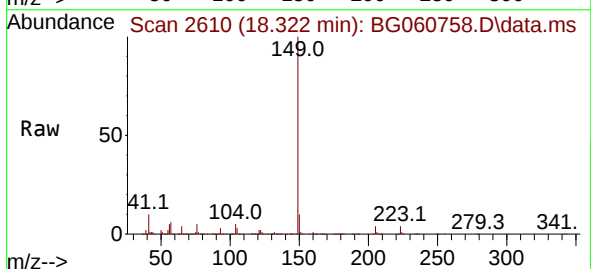
Tgt Ion:149 Resp: 1277382

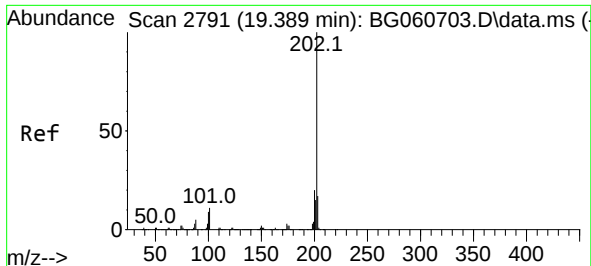
Ion Ratio Lower Upper

149 100

150 9.9 7.7 11.5

104 5.2 4.2 6.4

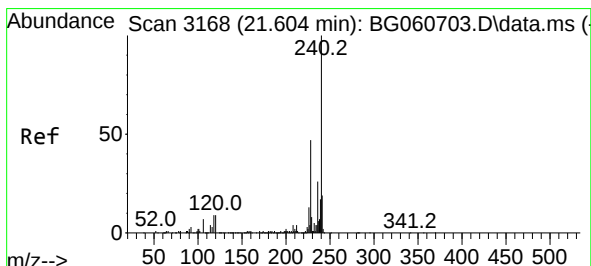
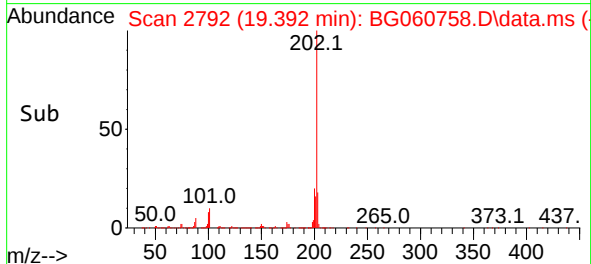
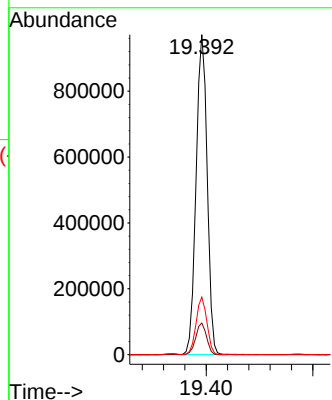
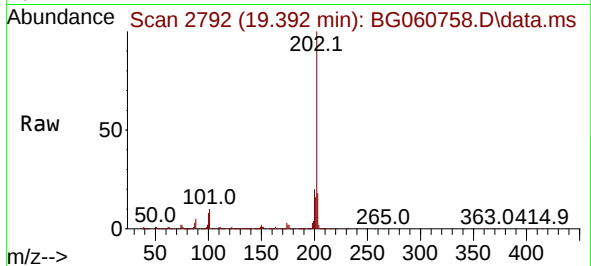




#75  
Fluoranthene  
Concen: 44.930 ng  
RT: 19.392 min Scan# 21  
Delta R.T. 0.003 min  
Lab File: BG060758.D  
Acq: 3 Apr 2024 11:13

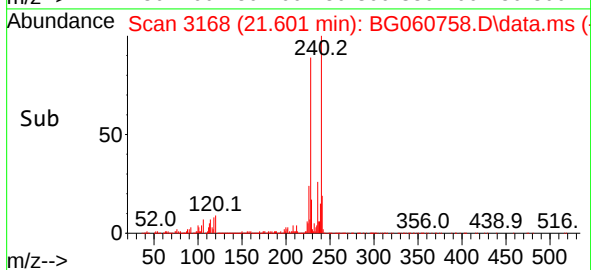
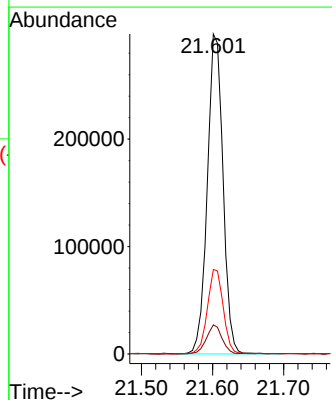
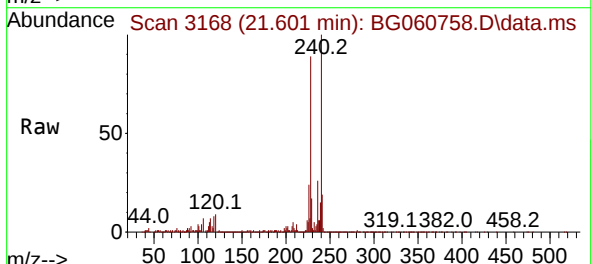
Instrument :  
BNA\_G  
ClientSampleId :  
PB159882BS

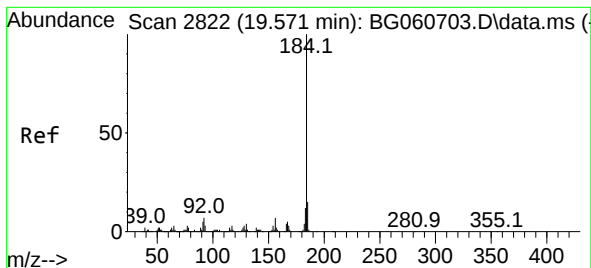
Tgt Ion:202 Resp: 1396626  
Ion Ratio Lower Upper  
202 100  
101 9.9 0.0 30.8  
203 18.0 0.0 37.4



#76  
Chrysene-d12  
Concen: 20.000 ng  
RT: 21.601 min Scan# 3168  
Delta R.T. -0.003 min  
Lab File: BG060758.D  
Acq: 3 Apr 2024 11:13

Tgt Ion:240 Resp: 457691  
Ion Ratio Lower Upper  
240 100  
120 9.1 7.1 10.7  
236 26.4 20.7 31.1





#77

Benzidine

Concen: 32.650 ng

RT: 19.568 min Scan# 2822

Delta R.T. -0.003 min

Lab File: BG060758.D

Acq: 3 Apr 2024 11:13

Instrument :

BNA\_G

ClientSampleId :

PB159882BS

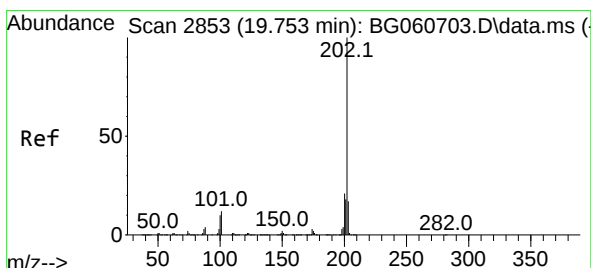
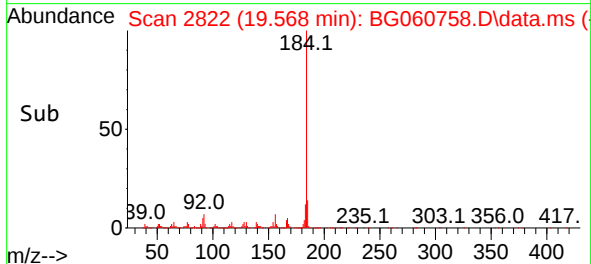
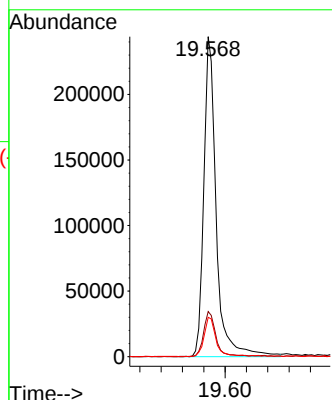
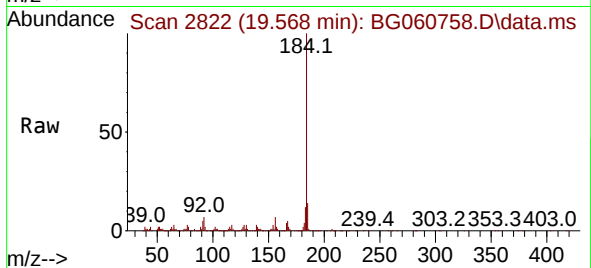
Tgt Ion:184 Resp: 393502

Ion Ratio Lower Upper

184 100

185 14.1 11.8 17.6

183 12.3 9.5 14.3



#78

Pyrene

Concen: 45.220 ng

RT: 19.750 min Scan# 2853

Delta R.T. -0.003 min

Lab File: BG060758.D

Acq: 3 Apr 2024 11:13

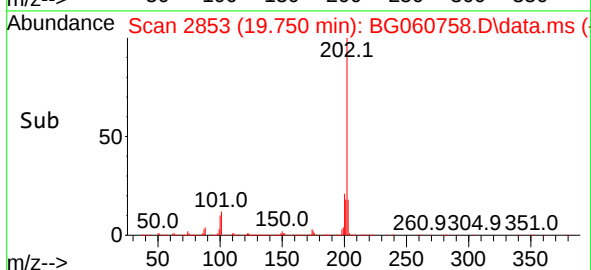
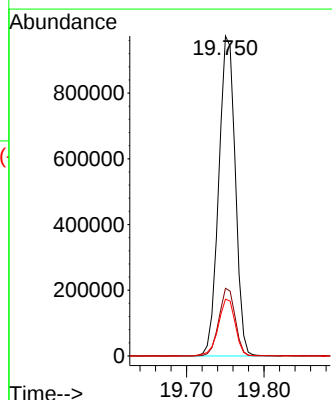
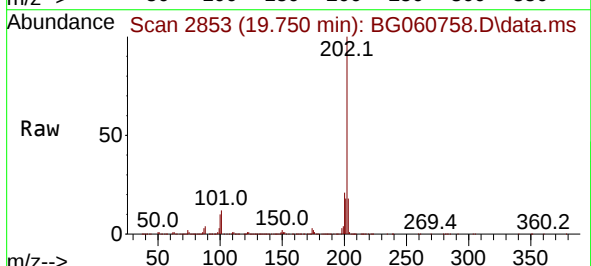
Tgt Ion:202 Resp: 1447490

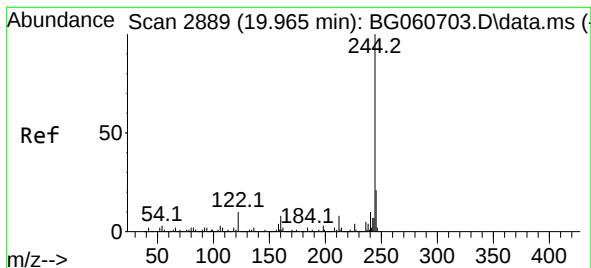
Ion Ratio Lower Upper

202 100

200 21.2 17.0 25.4

203 17.8 14.0 21.0





#79

Terphenyl-d14

Concen: 83.558 ng

RT: 19.962 min Scan# 21

Delta R.T. -0.003 min

Lab File: BG060758.D

Acq: 3 Apr 2024 11:13

Instrument :

BNA\_G

ClientSampleId :

PB159882BS

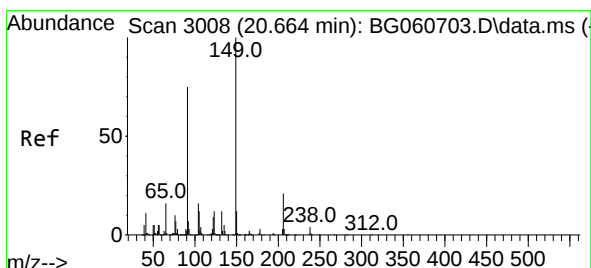
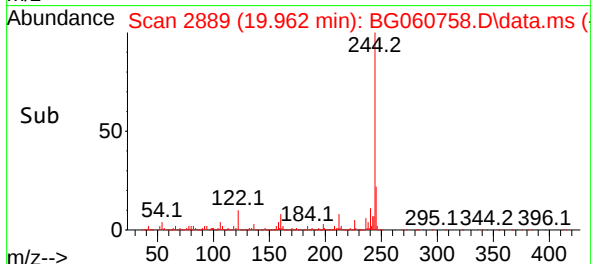
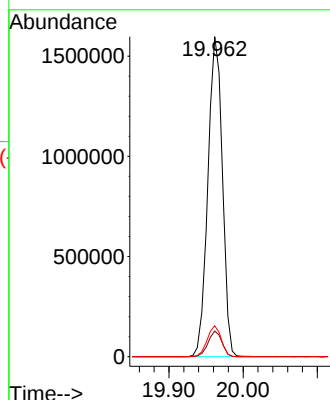
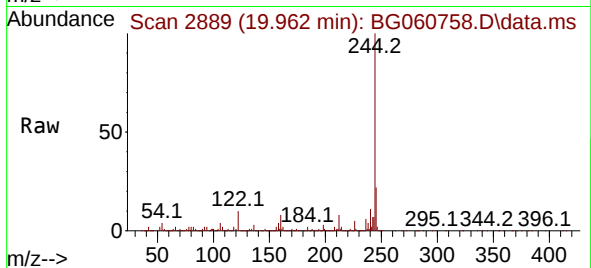
Tgt Ion:244 Resp: 2171913

Ion Ratio Lower Upper

244 100

212 8.0 6.2 9.2

122 9.7 7.8 11.8



#80

Butylbenzylphthalate

Concen: 49.237 ng

RT: 20.661 min Scan# 3008

Delta R.T. -0.003 min

Lab File: BG060758.D

Acq: 3 Apr 2024 11:13

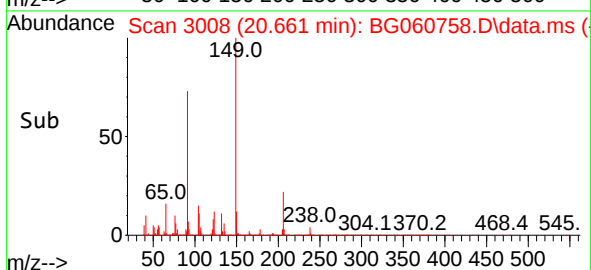
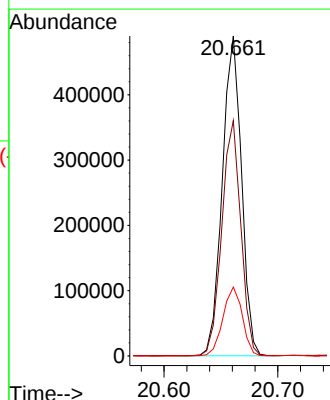
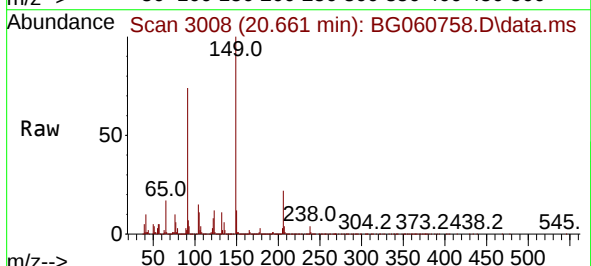
Tgt Ion:149 Resp: 574929

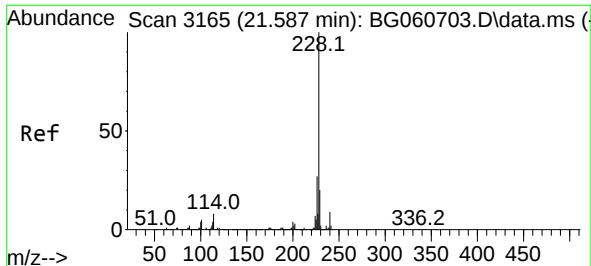
Ion Ratio Lower Upper

149 100

91 73.5 60.1 90.1

206 21.6 16.8 25.2

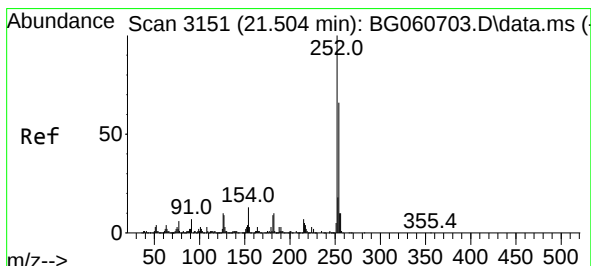
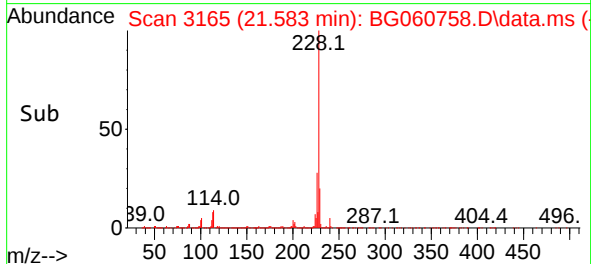
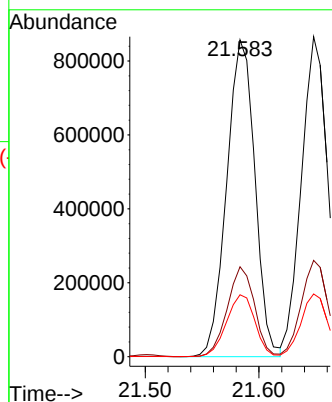
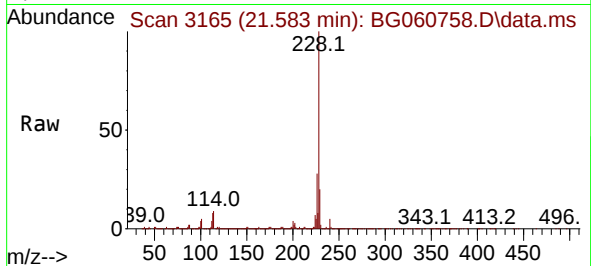




#81  
Benzo(a)anthracene  
Concen: 45.753 ng  
RT: 21.583 min Scan# 3165  
Delta R.T. -0.003 min  
Lab File: BG060758.D  
Acq: 3 Apr 2024 11:13

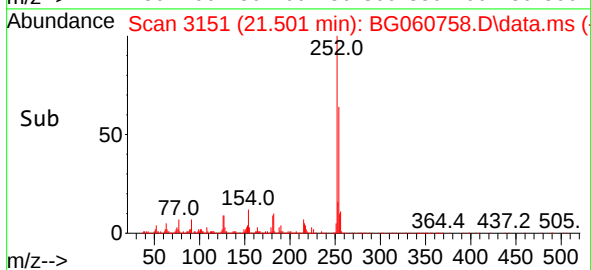
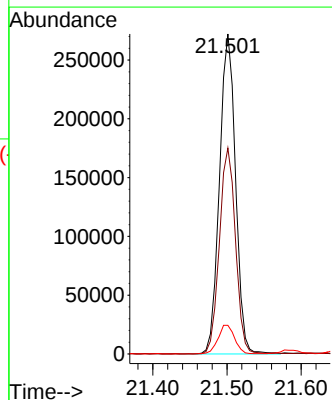
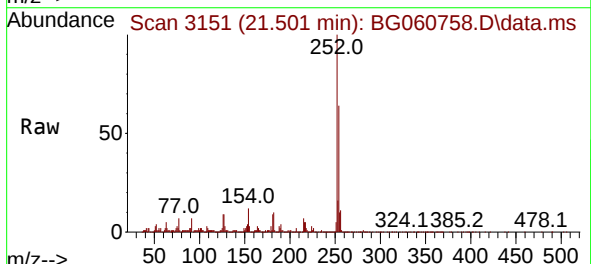
Instrument :  
BNA\_G  
ClientSampleId :  
PB159882BS

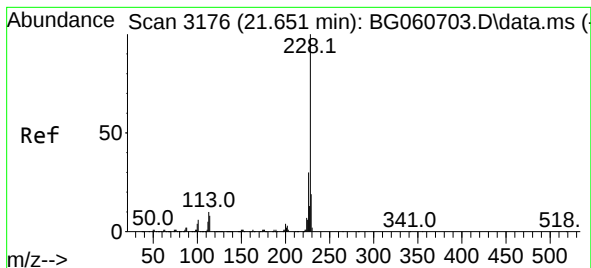
Tgt Ion:228 Resp: 1476115  
Ion Ratio Lower Upper  
228 100  
226 28.4 21.7 32.5  
229 19.5 15.8 23.8



#82  
3,3'-Dichlorobenzidine  
Concen: 37.594 ng  
RT: 21.501 min Scan# 3151  
Delta R.T. -0.003 min  
Lab File: BG060758.D  
Acq: 3 Apr 2024 11:13

Tgt Ion:252 Resp: 409532  
Ion Ratio Lower Upper  
252 100  
254 64.3 52.6 78.8  
126 8.9 7.8 11.8





#83

Chrysene

Concen: 44.465 ng

RT: 21.648 min Scan# 31

Delta R.T. -0.003 min

Lab File: BG060758.D

Acq: 3 Apr 2024 11:13

Instrument :

BNA\_G

ClientSampleId :

PB159882BS

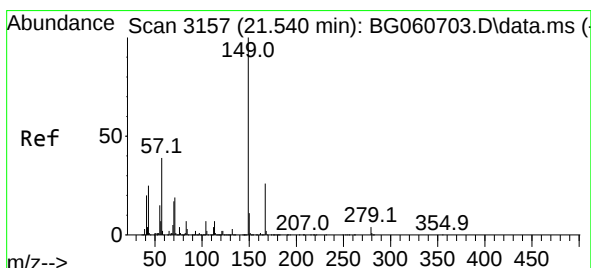
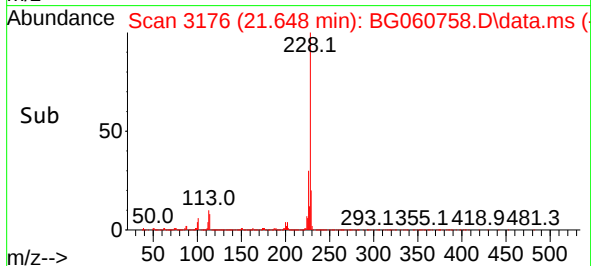
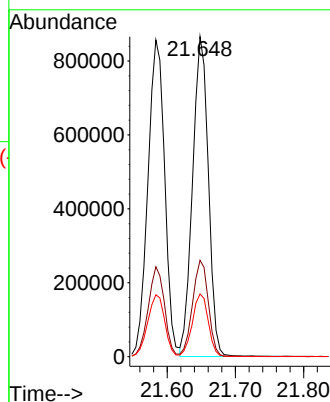
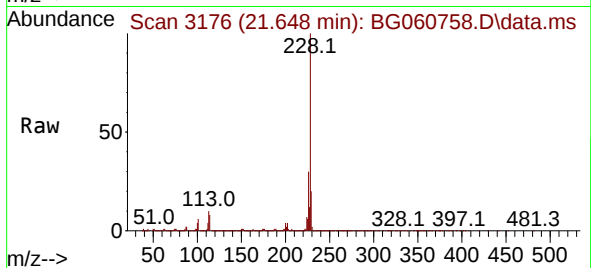
Tgt Ion:228 Resp: 1382699

Ion Ratio Lower Upper

228 100

226 30.1 24.2 36.4

229 19.6 15.5 23.3



#84

Bis(2-ethylhexyl)phthalate

Concen: 45.759 ng

RT: 21.530 min Scan# 3156

Delta R.T. -0.009 min

Lab File: BG060758.D

Acq: 3 Apr 2024 11:13

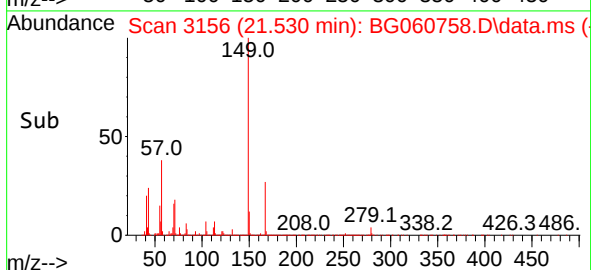
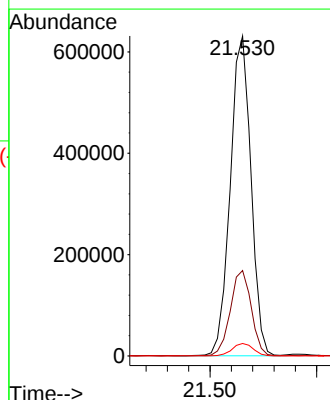
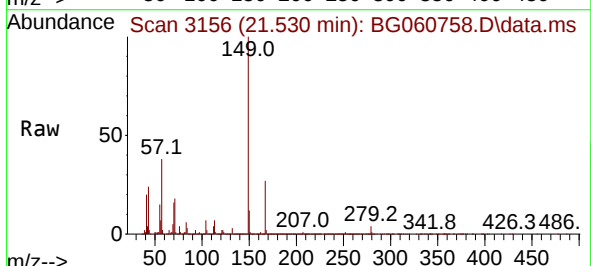
Tgt Ion:149 Resp: 851632

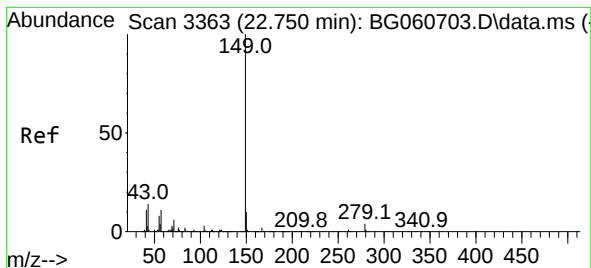
Ion Ratio Lower Upper

149 100

167 26.7 20.6 30.8

279 3.9 3.0 4.4





#85

Di-n-octyl phthalate

Concen: 49.179 ng

RT: 22.729 min Scan# 31

Delta R.T. -0.021 min

Lab File: BG060758.D

Acq: 3 Apr 2024 11:13

Instrument :

BNA\_G

ClientSampleId :

PB159882BS

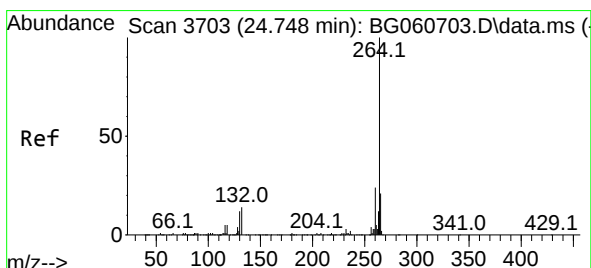
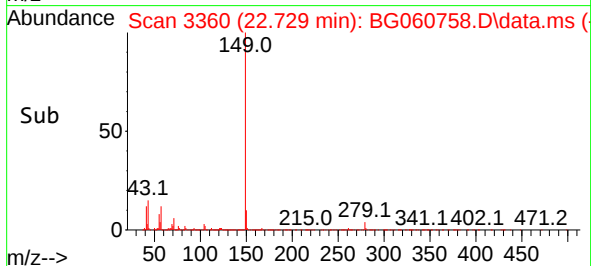
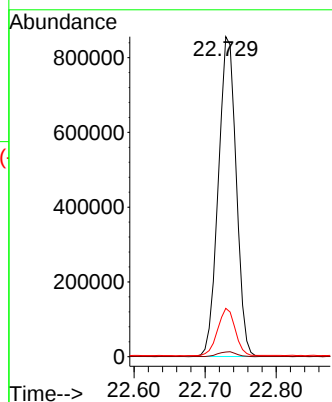
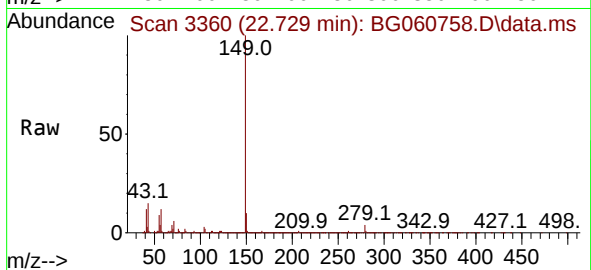
Tgt Ion:149 Resp: 1491102

Ion Ratio Lower Upper

149 100

167 1.6 1.2 1.8

43 14.6 11.3 16.9



#86

Perylene-d12

Concen: 20.000 ng

RT: 24.744 min Scan# 3703

Delta R.T. -0.003 min

Lab File: BG060758.D

Acq: 3 Apr 2024 11:13

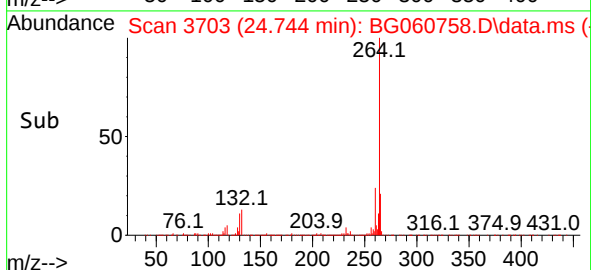
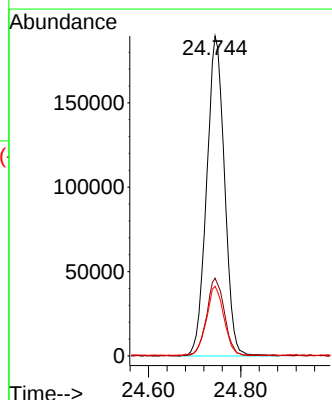
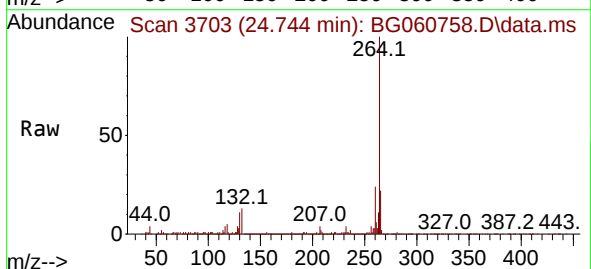
Tgt Ion:264 Resp: 511535

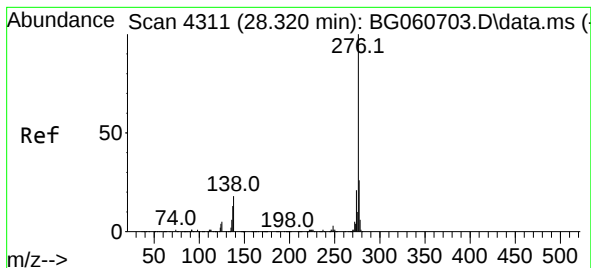
Ion Ratio Lower Upper

264 100

260 24.3 19.5 29.3

265 21.8 16.9 25.3





#87

Indeno(1,2,3-cd)pyrene

Concen: 48.848 ng

RT: 28.323 min Scan# 41

Delta R.T. 0.003 min

Lab File: BG060758.D

Acq: 3 Apr 2024 11:13

Instrument :

BNA\_G

ClientSampleId :

PB159882BS

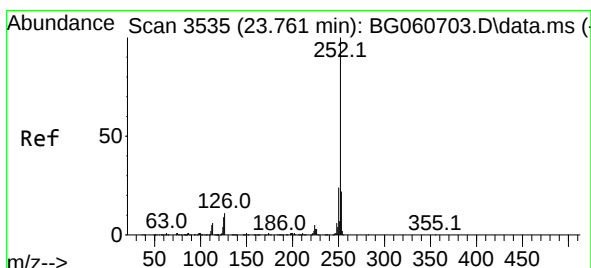
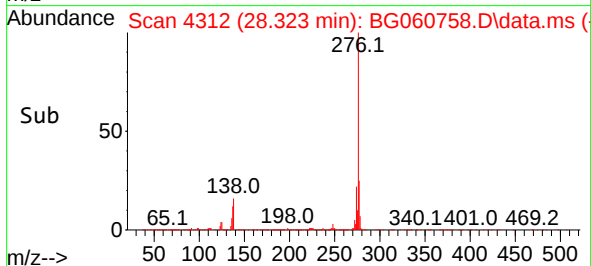
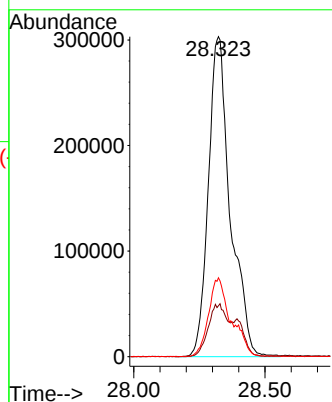
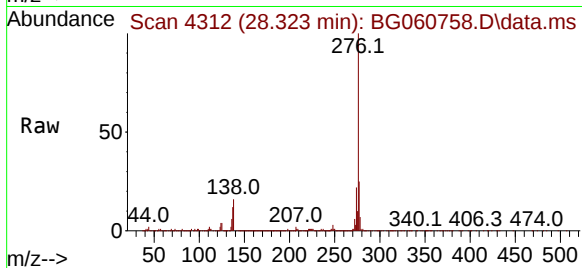
Tgt Ion:276 Resp: 1759622

Ion Ratio Lower Upper

276 100

138 14.3 12.4 18.6

277 25.1 20.2 30.2



#88

Benzo(b)fluoranthene

Concen: 48.757 ng

RT: 23.757 min Scan# 3535

Delta R.T. -0.003 min

Lab File: BG060758.D

Acq: 3 Apr 2024 11:13

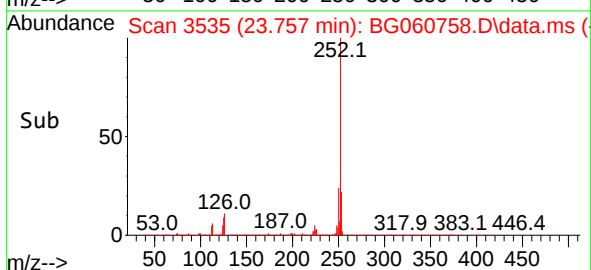
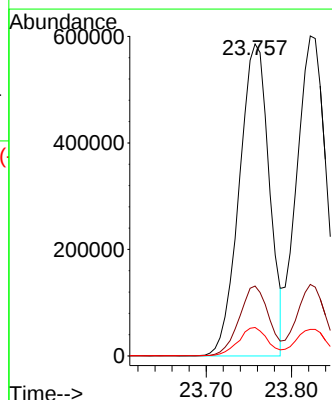
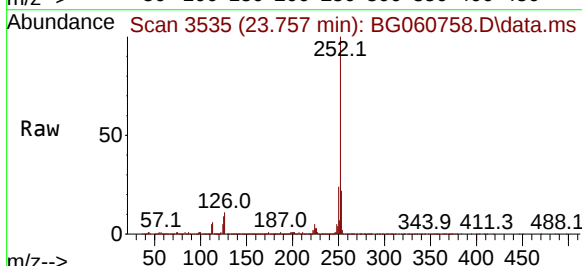
Tgt Ion:252 Resp: 1432849

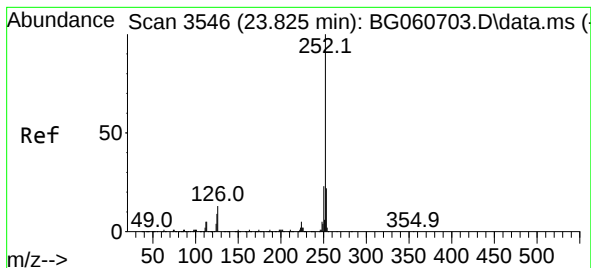
Ion Ratio Lower Upper

252 100

253 22.4 17.8 26.8

125 9.1 7.1 10.7





#89

Benzo(k)fluoranthene

Concen: 48.081 ng

RT: 23.822 min Scan# 31

Delta R.T. -0.003 min

Lab File: BG060758.D

Acq: 3 Apr 2024 11:13

Instrument :

BNA\_G

ClientSampleId :

PB159882BS

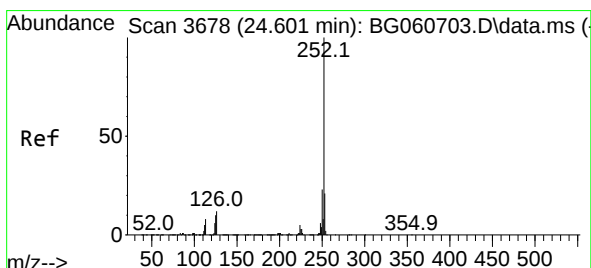
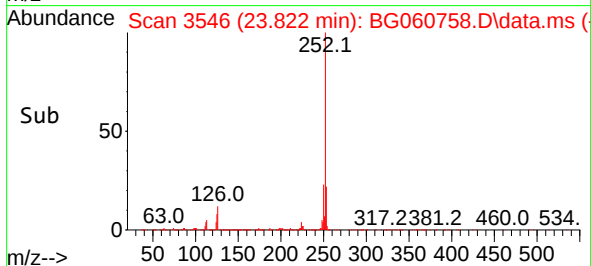
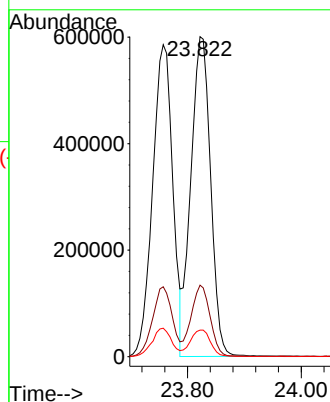
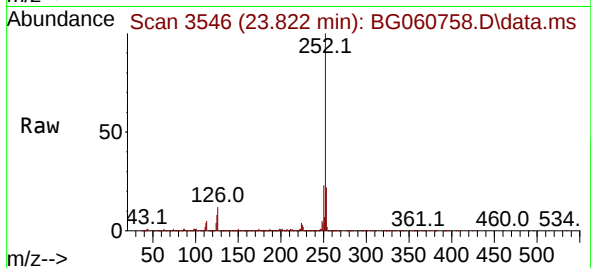
Tgt Ion:252 Resp: 1446248

Ion Ratio Lower Upper

252 100

253 22.3 17.6 26.4

125 8.3 7.5 11.3



#90

Benzo(a)pyrene

Concen: 46.211 ng

RT: 24.603 min Scan# 3679

Delta R.T. 0.003 min

Lab File: BG060758.D

Acq: 3 Apr 2024 11:13

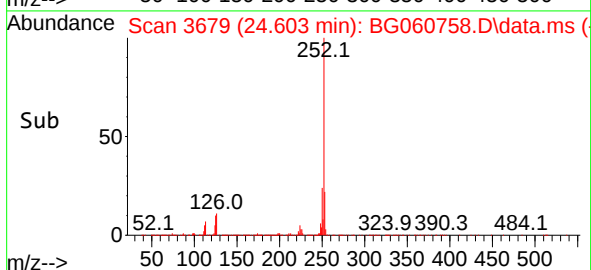
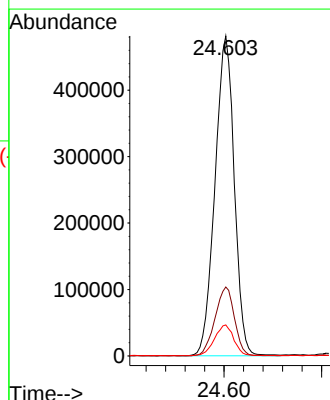
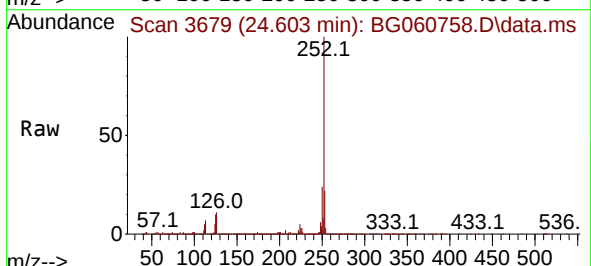
Tgt Ion:252 Resp: 1319745

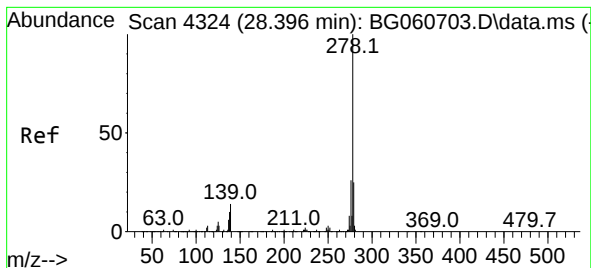
Ion Ratio Lower Upper

252 100

253 21.5 16.8 25.2

125 9.7 7.6 11.4





#91

Dibenzo(a,h)anthracene

Concen: 48.305 ng

RT: 28.399 min Scan# 41

Delta R.T. 0.003 min

Lab File: BG060758.D

Acq: 3 Apr 2024 11:13

Instrument :

BNA\_G

ClientSampleId :

PB159882BS

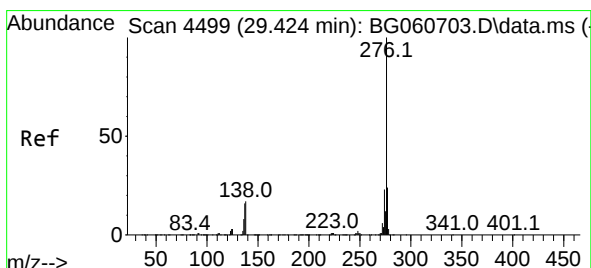
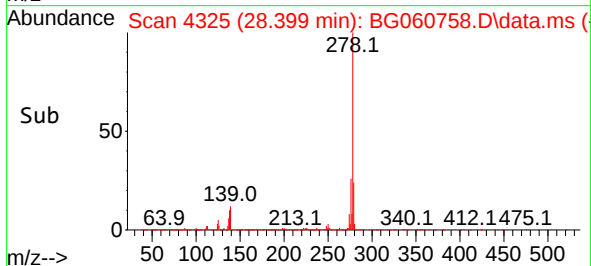
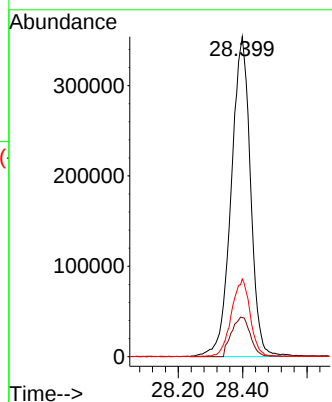
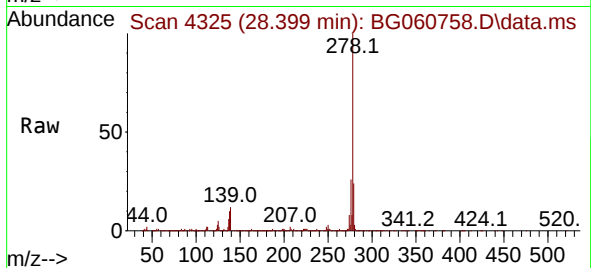
Tgt Ion:278 Resp: 1466846

Ion Ratio Lower Upper

278 100

139 12.2 11.1 16.7

279 24.3 19.8 29.6



#92

Benzo(g,h,i)perylene

Concen: 47.053 ng

RT: 29.433 min Scan# 4501

Delta R.T. 0.009 min

Lab File: BG060758.D

Acq: 3 Apr 2024 11:13

Tgt Ion:276 Resp: 1389902

Ion Ratio Lower Upper

276 100

277 23.1 18.9 28.3

138 18.1 14.0 21.0

