

Data Path : Z:\svoasrv\HPCHEM1\BNA\_G\Data\BG122623\  
 Data File : BG060173.D  
 Acq On : 26 Dec 2023 16:36  
 Operator : MA/JU  
 Sample : SSTDICV040  
 Misc :  
 ALS Vial : 11 Sample Multiplier: 1

Instrument :  
 BNA\_G  
 ClientSampleId :  
 ICVBG122623

Quant Time: Dec 27 00:46:22 2023  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_G\Methods\8270-BG122623.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Wed Dec 27 00:45:31 2023  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc   | Units | Dev(Min) |
|-------------------------------|--------|------|----------|--------|-------|----------|
| -----                         |        |      |          |        |       |          |
| Internal Standards            |        |      |          |        |       |          |
| 1) 1,4-Dichlorobenzene-d4     | 7.938  | 152  | 271921   | 20.000 | ng    | 0.00     |
| 21) Naphthalene-d8            | 10.746 | 136  | 1266399  | 20.000 | ng    | 0.00     |
| 39) Acenaphthene-d10          | 14.577 | 164  | 995020   | 20.000 | ng    | 0.00     |
| 64) Phenanthrene-d10          | 17.327 | 188  | 2346816  | 20.000 | ng    | 0.00     |
| 76) Chrysene-d12              | 21.592 | 240  | 1997726  | 20.000 | ng    | 0.00     |
| 86) Perylene-d12              | 24.759 | 264  | 2237790  | 20.000 | ng    | 0.00     |
| System Monitoring Compounds   |        |      |          |        |       |          |
| 5) 2-Fluorophenol             | 5.511  | 112  | 1556714  | 91.641 | ng    | 0.00     |
| 7) Phenol-d6                  | 7.103  | 99   | 2275236  | 84.843 | ng    | 0.00     |
| 23) Nitrobenzene-d5           | 9.107  | 82   | 2192465  | 81.833 | ng    | 0.00     |
| 42) 2,4,6-Tribromophenol      | 16.069 | 330  | 1113271  | 83.373 | ng    | 0.00     |
| 45) 2-Fluorobiphenyl          | 13.202 | 172  | 5014556  | 79.045 | ng    | 0.00     |
| 79) Terphenyl-d14             | 19.941 | 244  | 6066094  | 71.540 | ng    | 0.00     |
| Target Compounds              |        |      |          |        |       |          |
|                               |        |      |          |        |       | Qvalue   |
| 2) 1,4-Dioxane                | 3.419  | 88   | 321891   | 44.998 | ng    | 96       |
| 3) Pyridine                   | 3.813  | 79   | 973648   | 45.921 | ng    | 99       |
| 4) n-Nitrosodimethylamine     | 3.731  | 42   | 377945   | 44.863 | ng    | # 99     |
| 6) Aniline                    | 7.268  | 93   | 1148890  | 41.613 | ng    | 97       |
| 8) 2-Chlorophenol             | 7.503  | 128  | 747429   | 41.568 | ng    | 99       |
| 9) Benzaldehyde               | 7.080  | 77   | 639552   | 42.113 | ng    | 99       |
| 10) Phenol                    | 7.133  | 94   | 1157546  | 41.927 | ng    | 98       |
| 11) bis(2-Chloroethyl)ether   | 7.362  | 93   | 917468   | 42.026 | ng    | 98       |
| 12) 1,3-Dichlorobenzene       | 7.832  | 146  | 882212   | 41.850 | ng    | 99       |
| 13) 1,4-Dichlorobenzene       | 7.973  | 146  | 883276   | 40.957 | ng    | 98       |
| 14) 1,2-Dichlorobenzene       | 8.296  | 146  | 875190   | 40.339 | ng    | 98       |
| 15) Benzyl Alcohol            | 8.178  | 79   | 806435   | 42.756 | ng    | 99       |
| 16) 2,2'-oxybis(1-Chloropr... | 8.466  | 45   | 1262909  | 40.368 | ng    | 98       |
| 17) 2-Methylphenol            | 8.378  | 107  | 779547   | 41.660 | ng    | 96       |
| 18) Hexachloroethane          | 9.025  | 117  | 301162   | 40.736 | ng    | 98       |
| 19) n-Nitroso-di-n-propyla... | 8.748  | 70   | 843792   | 41.788 | ng    | 98       |
| 20) 3+4-Methylphenols         | 8.713  | 107  | 1106108  | 42.251 | ng    | 97       |
| 22) Acetophenone              | 8.760  | 105  | 1500133  | 41.079 | ng    | 99       |
| 24) Nitrobenzene              | 9.148  | 77   | 1153374  | 41.195 | ng    | 98       |
| 25) Isophorone                | 9.665  | 82   | 2304416  | 40.352 | ng    | 98       |
| 26) 2-Nitrophenol             | 9.853  | 139  | 478353   | 43.552 | ng    | 99       |
| 27) 2,4-Dimethylphenol        | 9.912  | 122  | 579715   | 42.143 | ng    | 98       |
| 28) bis(2-Chloroethoxy)met... | 10.153 | 93   | 1378723  | 40.726 | ng    | 98       |
| 29) 2,4-Dichlorophenol        | 10.394 | 162  | 945584   | 42.431 | ng    | 97       |
| 30) 1,2,4-Trichlorobenzene    | 10.605 | 180  | 1049506  | 41.309 | ng    | 99       |
| 31) Naphthalene               | 10.793 | 128  | 2678216  | 40.884 | ng    | 99       |
| 32) Benzoic acid              | 10.065 | 122  | 590730   | 40.288 | ng    | 94       |
| 33) 4-Chloroaniline           | 10.905 | 127  | 1120730  | 42.108 | ng    | 99       |
| 34) Hexachlorobutadiene       | 11.075 | 225  | 613534   | 40.556 | ng    | 90       |
| 35) Caprolactam               | 11.692 | 113  | 331192   | 41.229 | ng    | 94       |
| 36) 4-Chloro-3-methylphenol   | 12.027 | 107  | 1021939  | 42.321 | ng    | 99       |
| 37) 2-Methylnaphthalene       | 12.403 | 142  | 2083489  | 41.457 | ng    | 98       |
| 38) 1-Methylnaphthalene       | 12.620 | 142  | 2073451  | 41.071 | ng    | 99       |
| 40) 1,2,4,5-Tetrachloroben... | 12.767 | 216  | 1249695  | 41.642 | ng    | 99       |
| 41) Hexachlorocyclopentadiene | 12.750 | 237  | 429764   | 43.494 | ng    | 97       |
| 43) 2,4,6-Trichlorophenol     | 13.008 | 196  | 874848   | 42.712 | ng    | 100      |

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 QLast Update : Wed Dec 27 00:45:31 2023  
 Response via : Initial Calibration

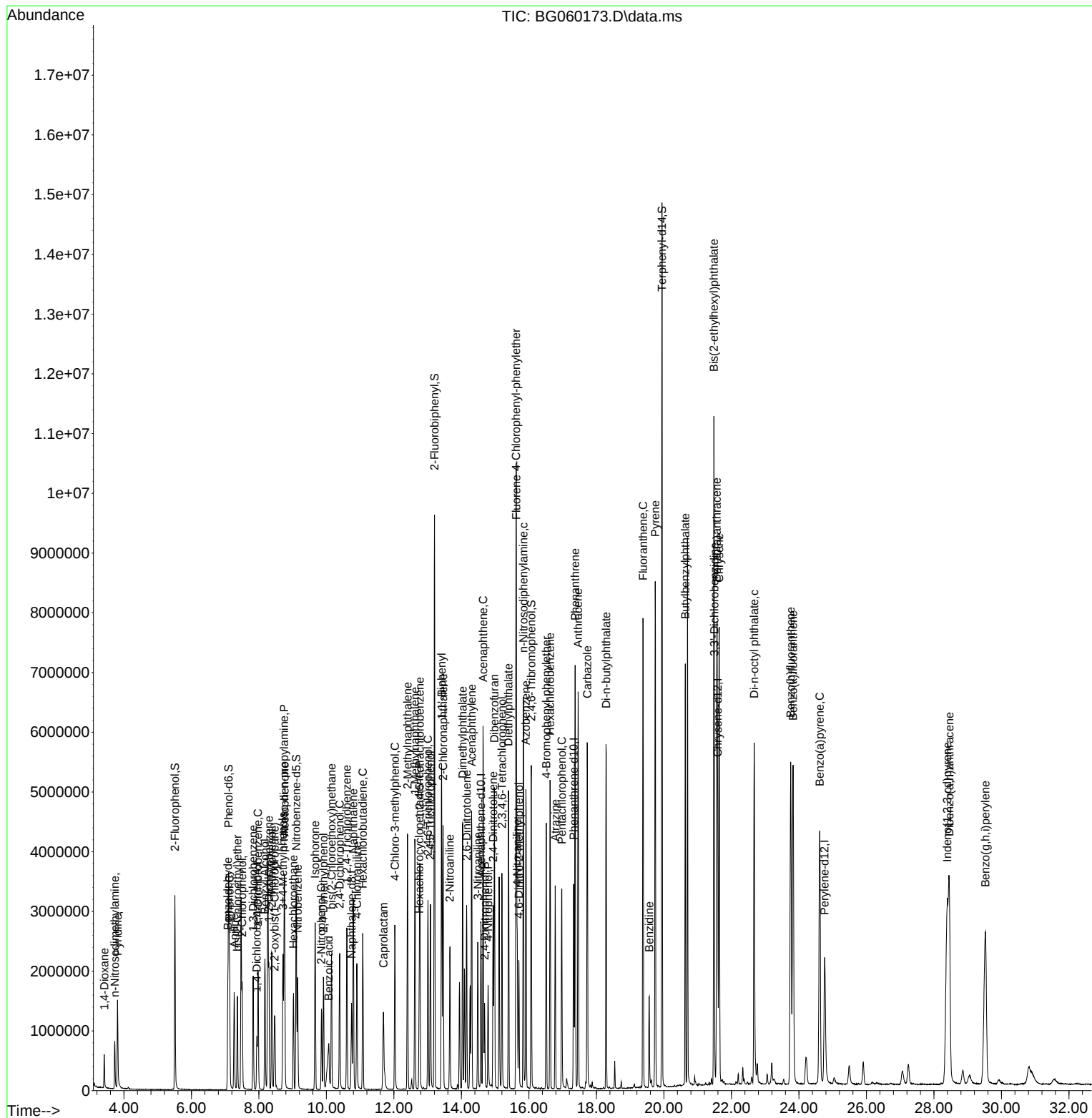
| Compound                      | R.T.   | QIon | Response | Conc   | Units | Dev(Min) |
|-------------------------------|--------|------|----------|--------|-------|----------|
| 44) 2,4,5-Trichlorophenol     | 13.079 | 196  | 998481   | 43.519 | ng    | 99       |
| 46) 1,1'-Biphenyl             | 13.414 | 154  | 2924313  | 41.329 | ng    | 99       |
| 47) 2-Chloronaphthalene       | 13.455 | 162  | 2479402  | 41.137 | ng    | 99       |
| 48) 2-Nitroaniline            | 13.660 | 65   | 784400   | 43.627 | ng    | 96       |
| 49) Acenaphthylene            | 14.301 | 152  | 3637273  | 42.145 | ng    | 97       |
| 50) Dimethylphthalate         | 14.036 | 163  | 3088730  | 41.316 | ng    | 99       |
| 51) 2,6-Dinitrotoluene        | 14.154 | 165  | 746305   | 43.943 | ng    | 95       |
| 52) Acenaphthene              | 14.642 | 154  | 2216669  | 40.400 | ng    | 98       |
| 53) 3-Nitroaniline            | 14.489 | 138  | 669818   | 43.405 | ng    | 94       |
| 54) 2,4-Dinitrophenol         | 14.688 | 184  | 384810   | 44.640 | ng    | 98       |
| 55) Dibenzofuran              | 14.976 | 168  | 3618305  | 40.302 | ng    | 96       |
| 56) 4-Nitrophenol             | 14.794 | 139  | 515797   | 43.061 | ng    | 98       |
| 57) 2,4-Dinitrotoluene        | 14.941 | 165  | 993015   | 42.524 | ng    | 97       |
| 58) Fluorene                  | 15.629 | 166  | 3034135  | 40.098 | ng    | 98       |
| 59) 2,3,4,6-Tetrachlorophenol | 15.200 | 232  | 835509   | 42.143 | ng    | 98       |
| 60) Diethylphthalate          | 15.394 | 149  | 3016547  | 40.403 | ng    | 100      |
| 61) 4-Chlorophenyl-phenyle... | 15.617 | 204  | 1612471  | 40.914 | ng    | 99       |
| 62) 4-Nitroaniline            | 15.652 | 138  | 693843   | 40.819 | ng    | 96       |
| 63) Azobenzene                | 15.911 | 77   | 3066934  | 40.427 | ng    | 97       |
| 65) 4,6-Dinitro-2-methylph... | 15.705 | 198  | 582237   | 44.663 | ng    | 93       |
| 66) n-Nitrosodiphenylamine    | 15.834 | 169  | 2640102  | 41.357 | ng    | 98       |
| 67) 4-Bromophenyl-phenylether | 16.516 | 248  | 1042097  | 41.805 | ng    | 98       |
| 68) Hexachlorobenzene         | 16.627 | 284  | 1194831  | 40.987 | ng    | 98       |
| 69) Atrazine                  | 16.780 | 200  | 677997   | 35.524 | ng    | 97       |
| 70) Pentachlorophenol         | 16.974 | 266  | 692465   | 43.655 | ng    | 94       |
| 71) Phenanthrene              | 17.368 | 178  | 4398925  | 39.520 | ng    | 98       |
| 72) Anthracene                | 17.456 | 178  | 4448016  | 39.977 | ng    | 97       |
| 73) Carbazole                 | 17.732 | 167  | 4188326  | 39.222 | ng    | 97       |
| 74) Di-n-butylphthalate       | 18.290 | 149  | 4382546  | 38.912 | ng    | 98       |
| 75) Fluoranthene              | 19.383 | 202  | 4811118  | 35.686 | ng    | 98       |
| 77) Benzidine                 | 19.565 | 184  | 1091404  | 31.263 | ng    | 98       |
| 78) Pyrene                    | 19.741 | 202  | 4979695  | 38.470 | ng    | 97       |
| 80) Butylbenzylphthalate      | 20.634 | 149  | 2131017  | 43.165 | ng    | 98       |
| 81) Benzo(a)anthracene        | 21.569 | 228  | 4923700  | 40.055 | ng    | 98       |
| 82) 3,3'-Dichlorobenzidine    | 21.492 | 252  | 1755465  | 40.534 | ng    | 99       |
| 83) Chrysene                  | 21.639 | 228  | 4730918  | 40.169 | ng    | 97       |
| 84) Bis(2-ethylhexyl)phtha... | 21.481 | 149  | 3118161  | 42.241 | ng    | 98       |
| 85) Di-n-octyl phthalate      | 22.673 | 149  | 5006588  | 41.443 | ng    | 99       |
| 87) Indeno(1,2,3-cd)pyrene    | 28.390 | 276  | 6570311  | 41.436 | ng    | 100      |
| 88) Benzo(b)fluoranthene      | 23.754 | 252  | 5426283  | 40.836 | ng    | 96       |
| 89) Benzo(k)fluoranthene      | 23.825 | 252  | 5268200  | 40.049 | ng    | 99       |
| 90) Benzo(a)pyrene            | 24.618 | 252  | 4909948  | 40.633 | ng    | 98       |
| 91) Dibenzo(a,h)anthracene    | 28.455 | 278  | 5350704  | 41.283 | ng    | 100      |
| 92) Benzo(g,h,i)perylene      | 29.524 | 276  | 5376580  | 40.845 | ng    | 99       |

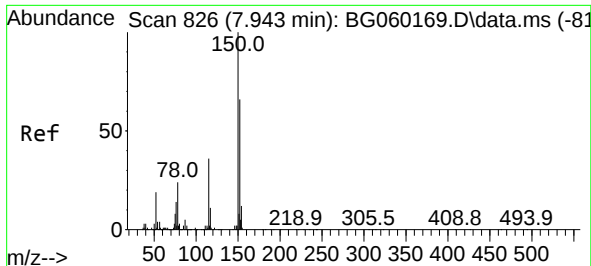
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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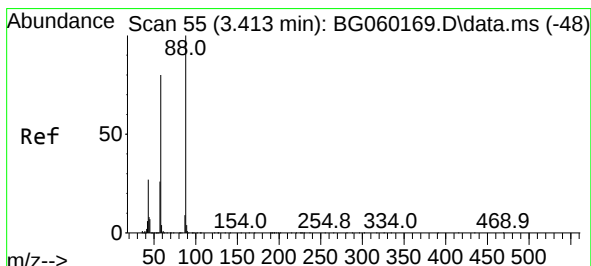
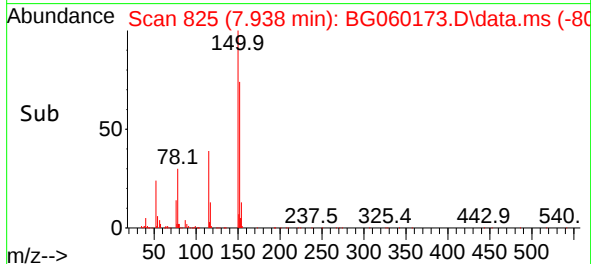
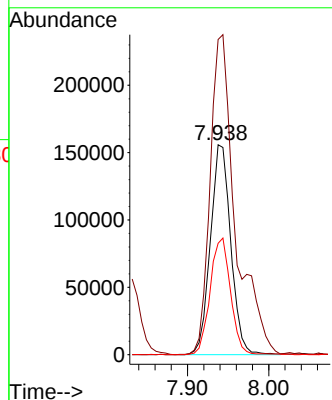
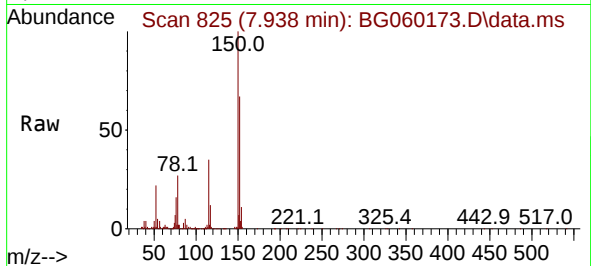




#1  
 1,4-Dichlorobenzene-d4  
 Concen: 20.000 ng  
 RT: 7.938 min Scan# 81  
 Delta R.T. -0.005 min  
 Lab File: BG060173.D  
 Acq: 26 Dec 2023 16:36

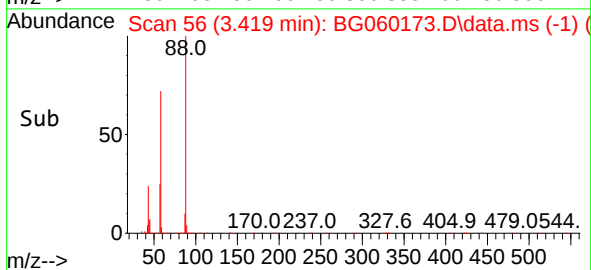
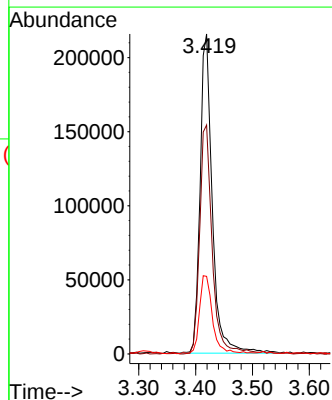
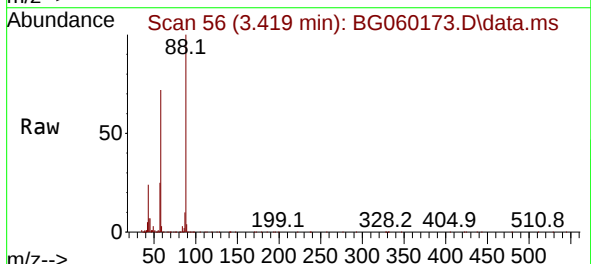
Instrument :  
 BNA\_G  
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 ICVBG122623

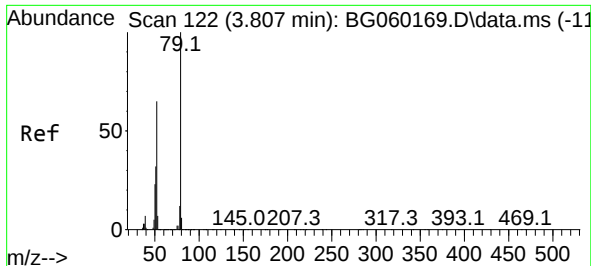
Tgt Ion:152 Resp: 271921  
 Ion Ratio Lower Upper  
 152 100  
 150 150.1 120.5 180.7  
 115 53.0 42.9 64.3



#2  
 1,4-Dioxane  
 Concen: 44.998 ng  
 RT: 3.419 min Scan# 56  
 Delta R.T. 0.006 min  
 Lab File: BG060173.D  
 Acq: 26 Dec 2023 16:36

Tgt Ion: 88 Resp: 321891  
 Ion Ratio Lower Upper  
 88 100  
 58 74.4 63.1 94.7  
 43 25.9 21.3 31.9





#3

Pyridine

Concen: 45.921 ng

RT: 3.813 min Scan# 11

Delta R.T. 0.006 min

Lab File: BG060173.D

Acq: 26 Dec 2023 16:36

Instrument :

BNA\_G

ClientSampleId :

ICVBG122623

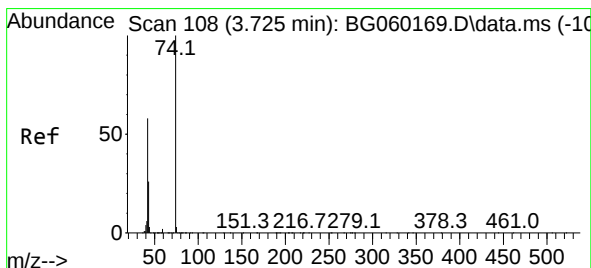
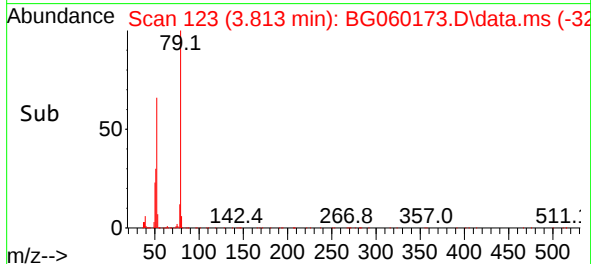
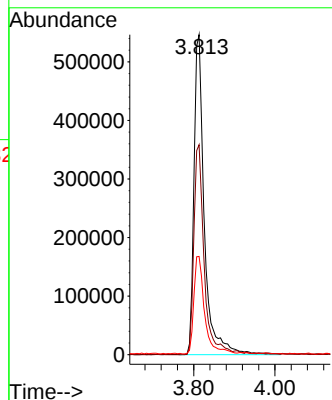
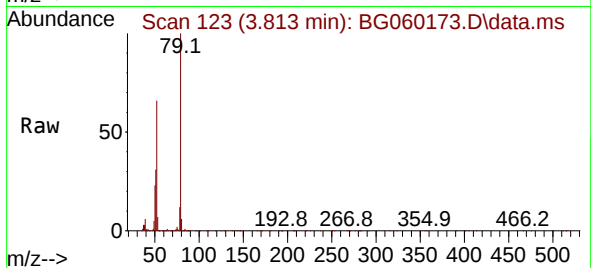
Tgt Ion: 79 Resp: 973648

Ion Ratio Lower Upper

79 100

52 65.6 52.3 78.5

51 30.7 25.5 38.3



#4

n-Nitrosodimethylamine

Concen: 44.863 ng

RT: 3.731 min Scan# 109

Delta R.T. 0.006 min

Lab File: BG060173.D

Acq: 26 Dec 2023 16:36

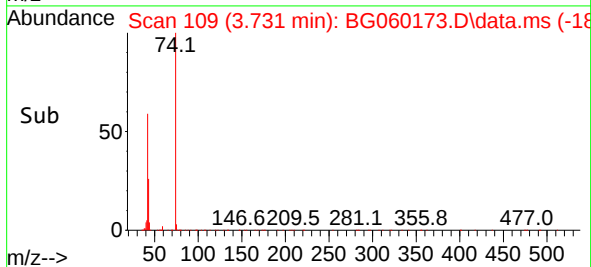
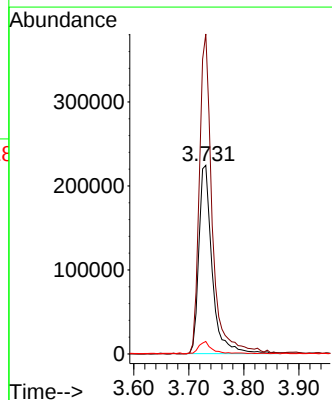
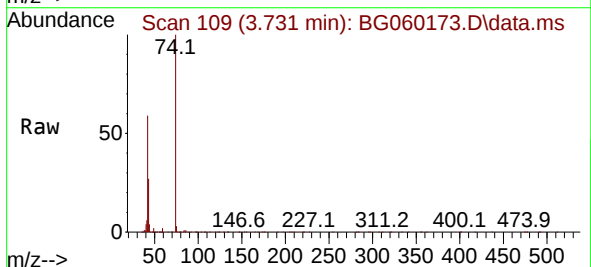
Tgt Ion: 42 Resp: 377945

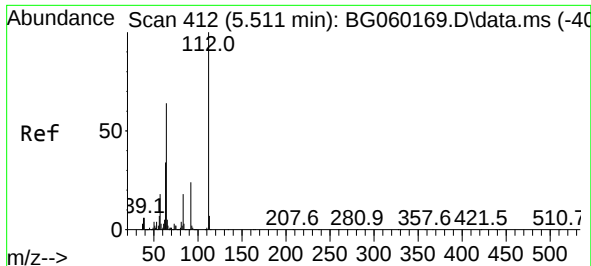
Ion Ratio Lower Upper

42 100

74 169.6 136.9 205.3

44 6.6 4.4 6.6#

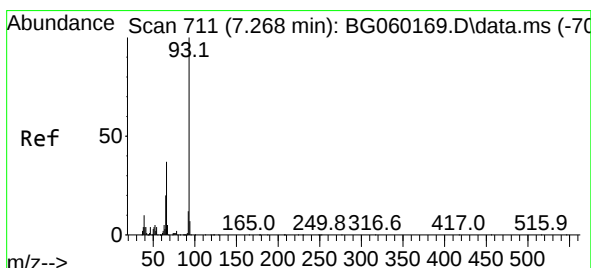
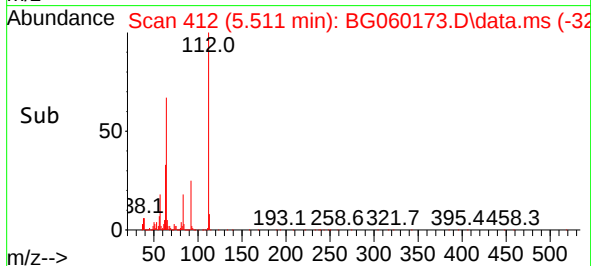
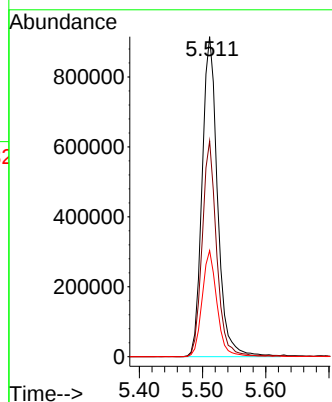
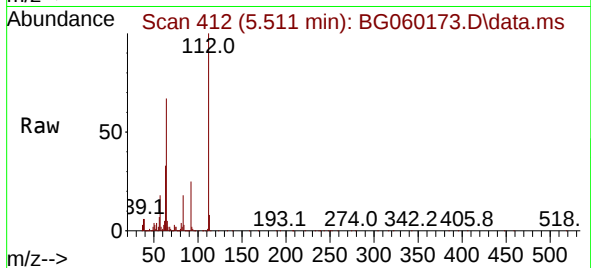




#5  
2-Fluorophenol  
Concen: 91.641 ng  
RT: 5.511 min Scan# 412  
Delta R.T. 0.000 min  
Lab File: BG060173.D  
Acq: 26 Dec 2023 16:36

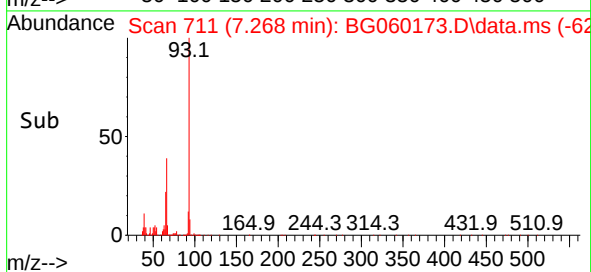
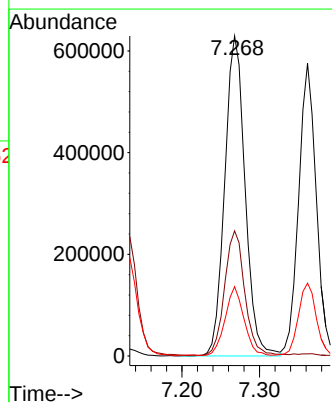
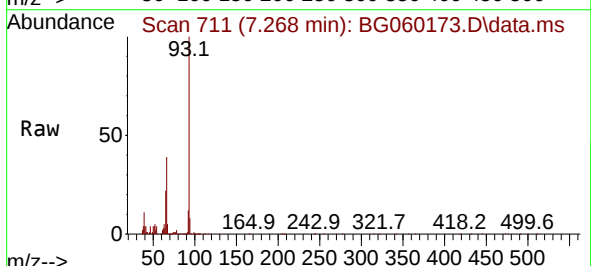
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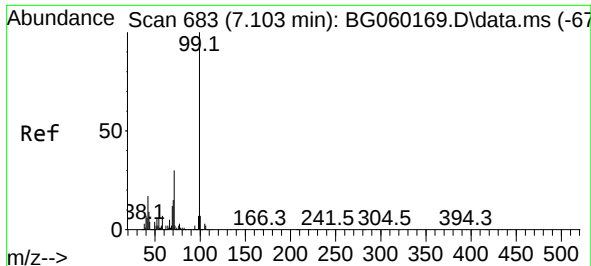
Tgt Ion:112 Resp: 1556714  
Ion Ratio Lower Upper  
112 100  
64 67.4 50.8 76.2  
63 33.1 27.0 40.4



#6  
Aniline  
Concen: 41.613 ng  
RT: 7.268 min Scan# 711  
Delta R.T. 0.000 min  
Lab File: BG060173.D  
Acq: 26 Dec 2023 16:36

Tgt Ion: 93 Resp: 1148890  
Ion Ratio Lower Upper  
93 100  
66 39.1 30.2 45.2  
65 21.7 16.0 24.0



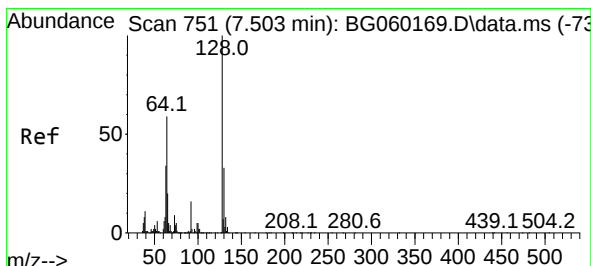
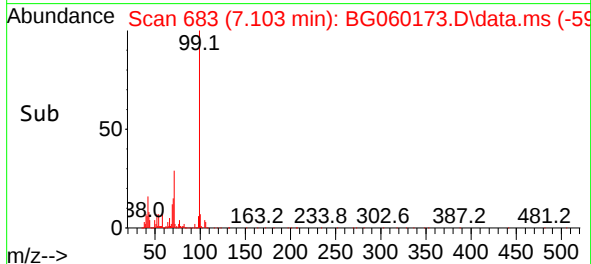
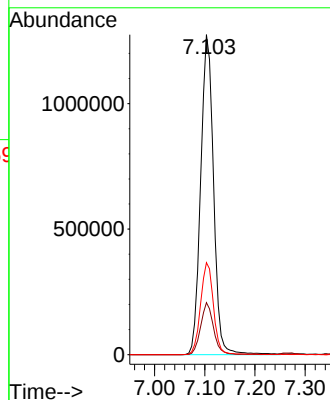
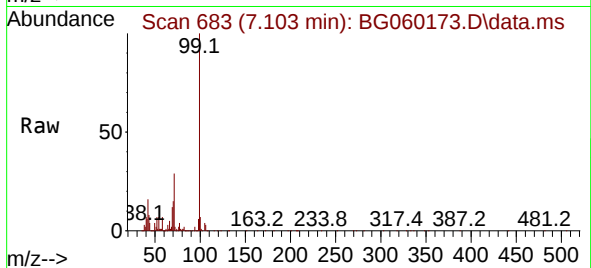


#7  
Phenol-d6  
Concen: 84.843 ng  
RT: 7.103 min Scan# 611  
Delta R.T. 0.000 min  
Lab File: BG060173.D  
Acq: 26 Dec 2023 16:36

Instrument :  
BNA\_G  
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Tgt Ion: 99 Resp: 2275236

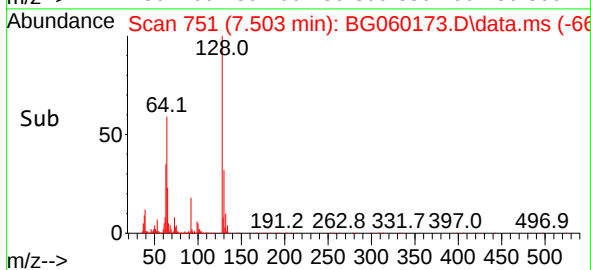
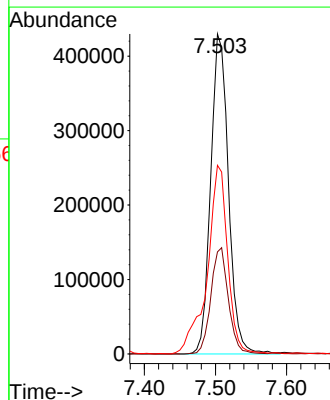
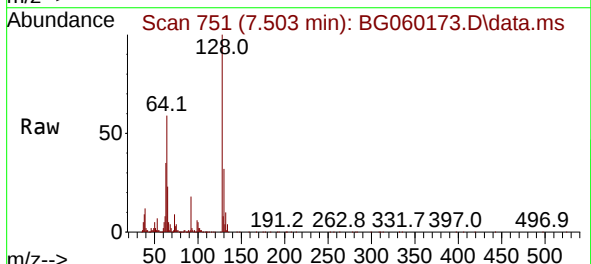
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 99  | 100   |       |       |
| 42  | 16.3  | 13.4  | 20.0  |
| 71  | 28.8  | 23.8  | 35.6  |

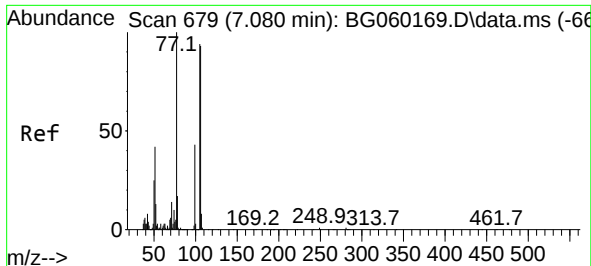


#8  
2-Chlorophenol  
Concen: 41.568 ng  
RT: 7.503 min Scan# 751  
Delta R.T. 0.000 min  
Lab File: BG060173.D  
Acq: 26 Dec 2023 16:36

Tgt Ion: 128 Resp: 747429

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 128 | 100   |       |       |
| 130 | 31.9  | 12.5  | 52.5  |
| 64  | 59.0  | 38.8  | 78.8  |

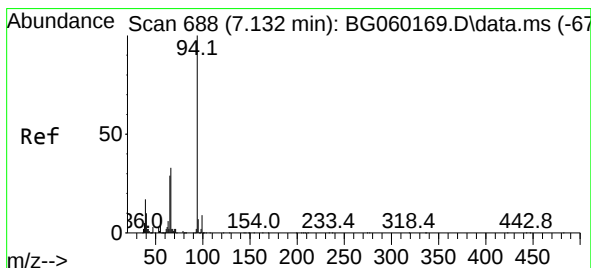
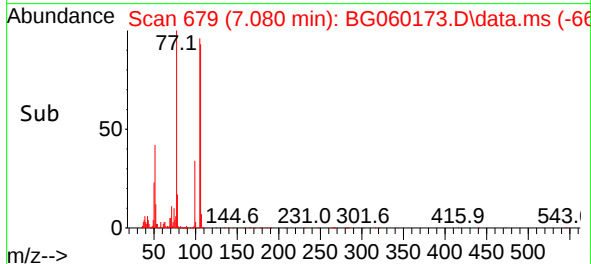
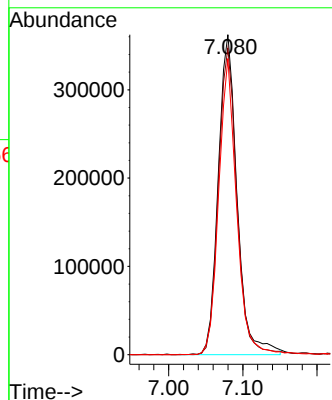
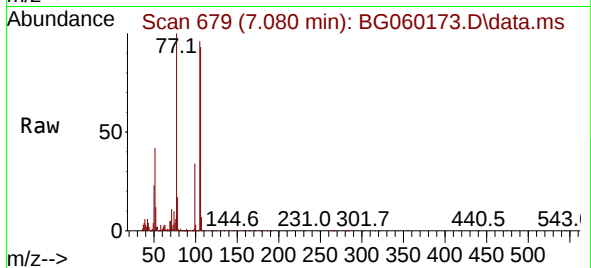




#9  
Benzaldehyde  
Concen: 42.113 ng  
RT: 7.080 min Scan# 61  
Delta R.T. 0.000 min  
Lab File: BG060173.D  
Acq: 26 Dec 2023 16:36

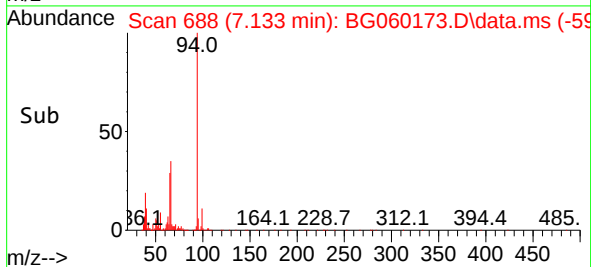
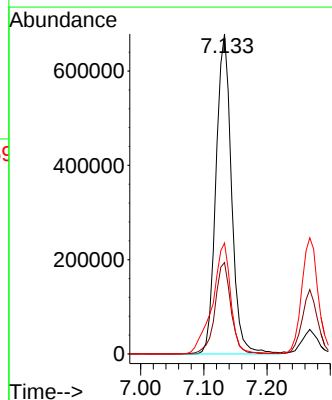
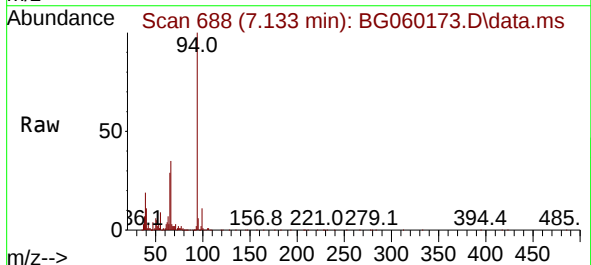
Instrument :  
BNA\_G  
ClientSampleId :  
ICVBG122623

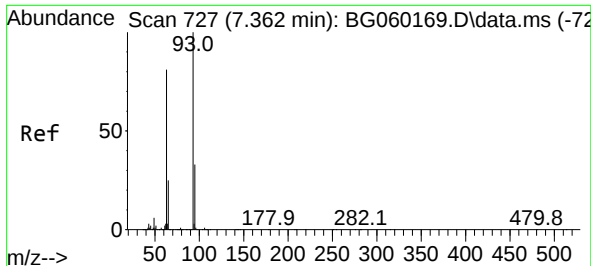
Tgt Ion: 77 Resp: 639552  
Ion Ratio Lower Upper  
77 100  
105 95.8 74.2 114.2  
106 92.6 73.0 113.0



#10  
Phenol  
Concen: 41.927 ng  
RT: 7.133 min Scan# 688  
Delta R.T. 0.000 min  
Lab File: BG060173.D  
Acq: 26 Dec 2023 16:36

Tgt Ion: 94 Resp: 1157546  
Ion Ratio Lower Upper  
94 100  
65 28.5 8.6 48.6  
66 34.6 12.8 52.8

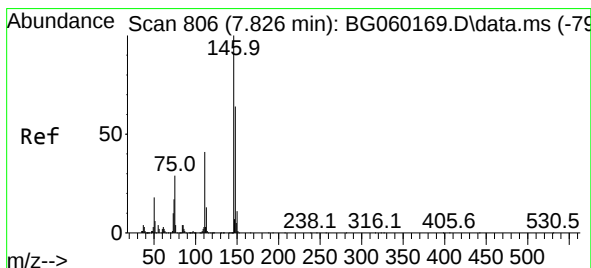
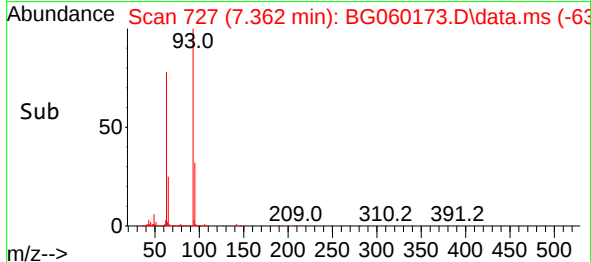
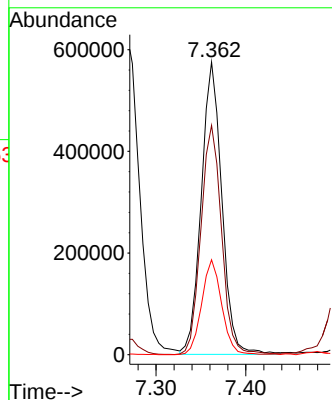
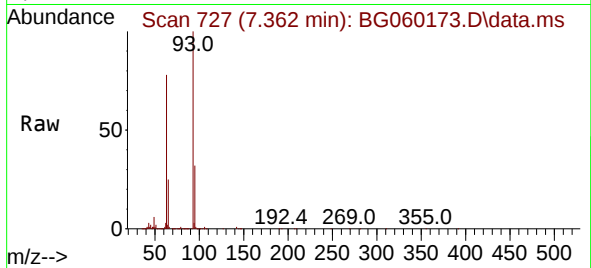




#11  
bis(2-Chloroethyl)ether  
Concen: 42.026 ng  
RT: 7.362 min Scan# 71  
Delta R.T. 0.000 min  
Lab File: BG060173.D  
Acq: 26 Dec 2023 16:36

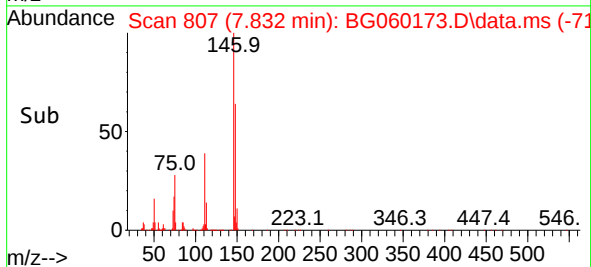
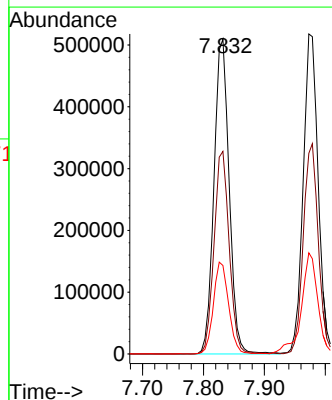
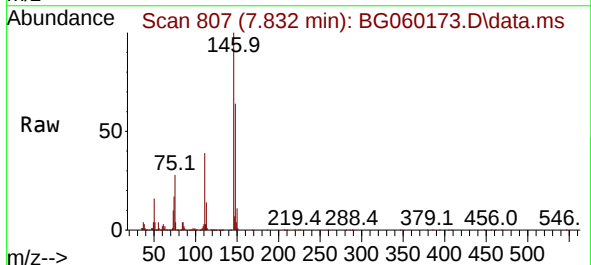
Instrument :  
BNA\_G  
ClientSampleId :  
ICVBG122623

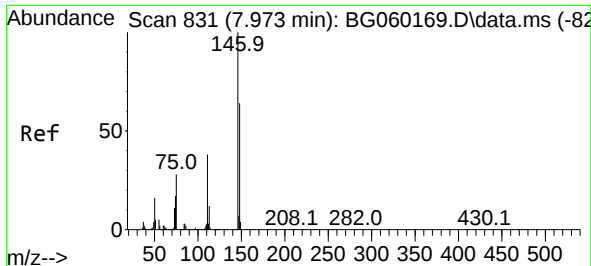
Tgt Ion: 93 Resp: 917468  
Ion Ratio Lower Upper  
93 100  
63 78.3 60.1 100.1  
95 32.4 12.6 52.6



#12  
1,3-Dichlorobenzene  
Concen: 41.850 ng  
RT: 7.832 min Scan# 807  
Delta R.T. 0.006 min  
Lab File: BG060173.D  
Acq: 26 Dec 2023 16:36

Tgt Ion: 146 Resp: 882212  
Ion Ratio Lower Upper  
146 100  
148 64.3 50.8 76.2  
75 28.1 23.5 35.3

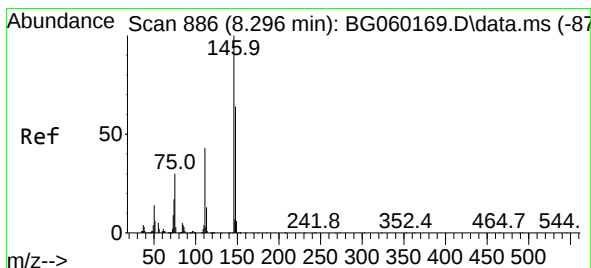
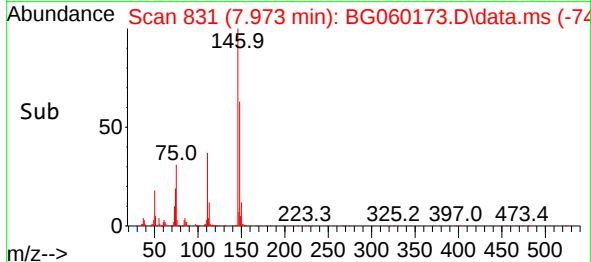
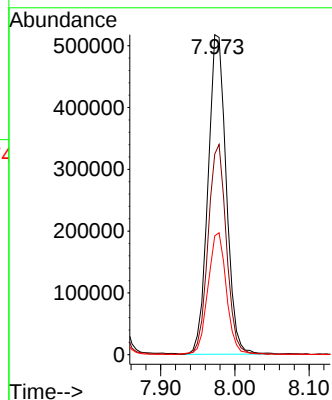
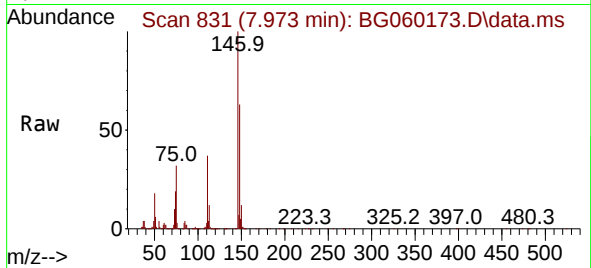




#13  
1,4-Dichlorobenzene  
Concen: 40.957 ng  
RT: 7.973 min Scan# 831  
Delta R.T. 0.000 min  
Lab File: BG060173.D  
Acq: 26 Dec 2023 16:36

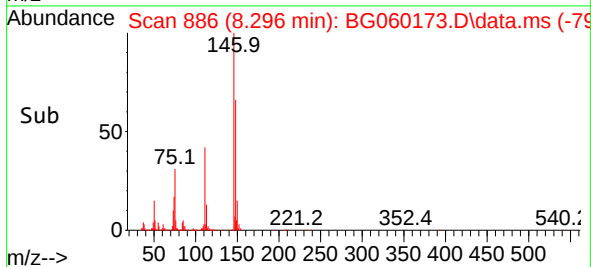
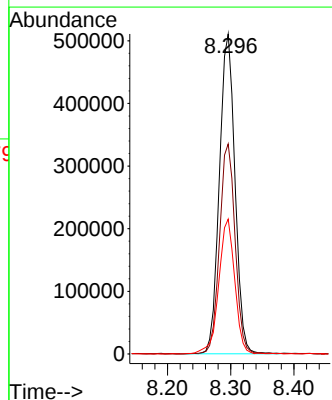
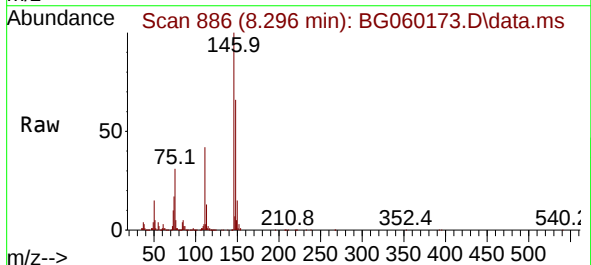
Instrument :  
BNA\_G  
ClientSampleId :  
ICVBG122623

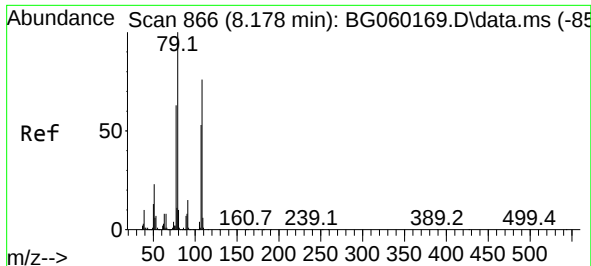
Tgt Ion:146 Resp: 883276  
Ion Ratio Lower Upper  
146 100  
148 62.7 51.0 76.6  
111 37.1 30.8 46.2



#14  
1,2-Dichlorobenzene  
Concen: 40.339 ng  
RT: 8.296 min Scan# 886  
Delta R.T. 0.000 min  
Lab File: BG060173.D  
Acq: 26 Dec 2023 16:36

Tgt Ion:146 Resp: 875190  
Ion Ratio Lower Upper  
146 100  
148 65.7 51.0 76.6  
111 42.2 34.2 51.2

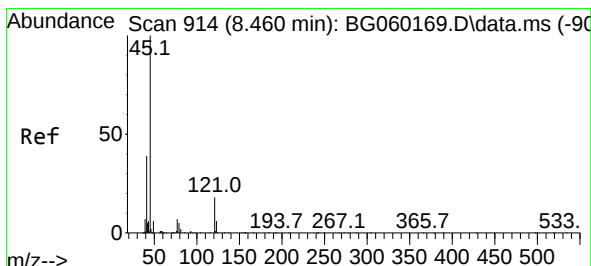
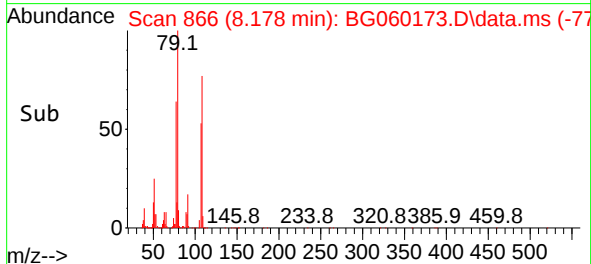
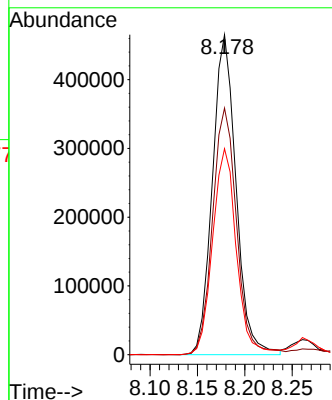
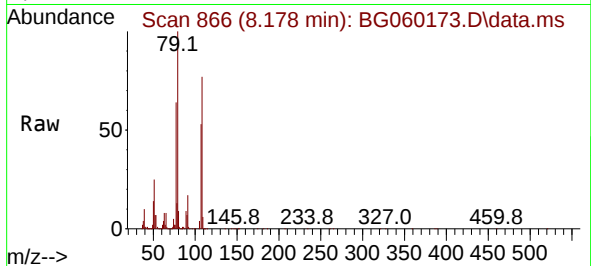




#15  
Benzyl Alcohol  
Concen: 42.756 ng  
RT: 8.178 min Scan# 80  
Delta R.T. 0.000 min  
Lab File: BG060173.D  
Acq: 26 Dec 2023 16:36

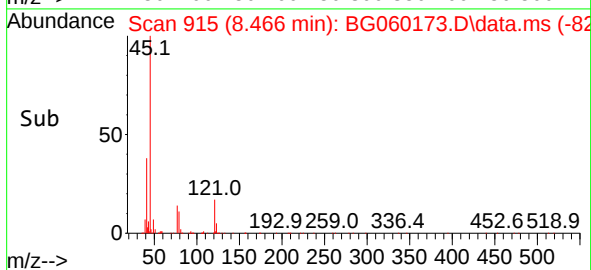
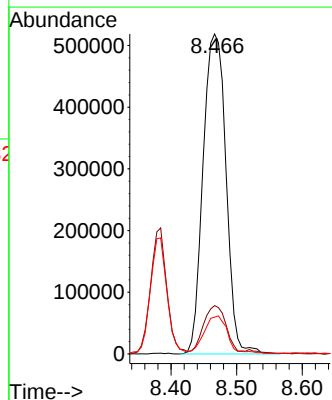
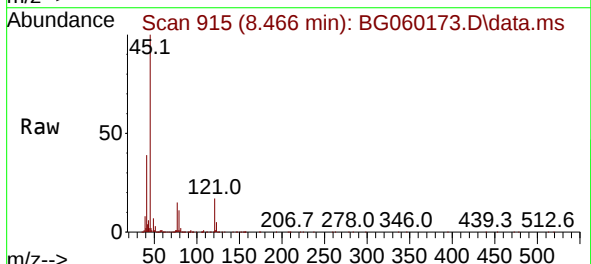
Instrument :  
BNA\_G  
ClientSampleId :  
ICVBG122623

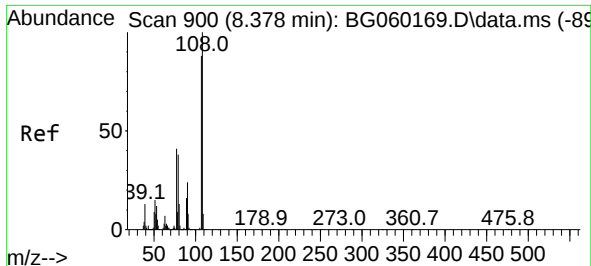
Tgt Ion: 79 Resp: 806435  
Ion Ratio Lower Upper  
79 100  
108 77.1 60.9 91.3  
77 64.3 50.6 76.0



#16  
2,2'-oxybis(1-Chloropropane)  
Concen: 40.368 ng  
RT: 8.466 min Scan# 915  
Delta R.T. 0.006 min  
Lab File: BG060173.D  
Acq: 26 Dec 2023 16:36

Tgt Ion: 45 Resp: 1262909  
Ion Ratio Lower Upper  
45 100  
77 15.1 0.0 33.7  
79 11.5 0.0 31.4





#17

2-Methylphenol

Concen: 41.660 ng

RT: 8.378 min Scan# 900

Delta R.T. 0.000 min

Lab File: BG060173.D

Acq: 26 Dec 2023 16:36

Instrument :

BNA\_G

ClientSampleId :

ICVBG122623

Tgt Ion:107 Resp: 779547

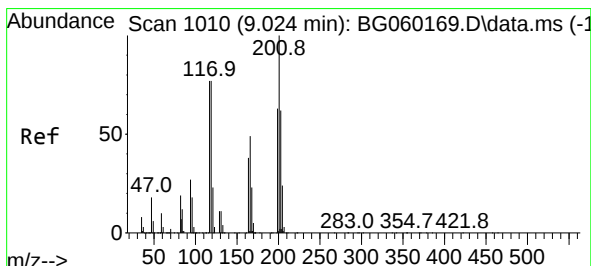
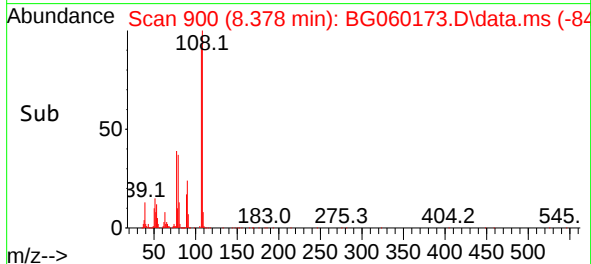
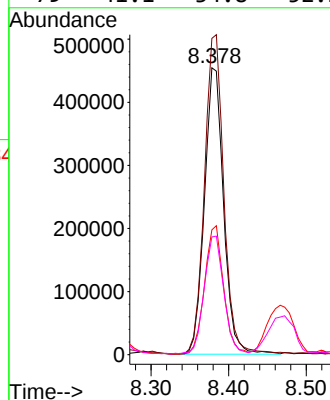
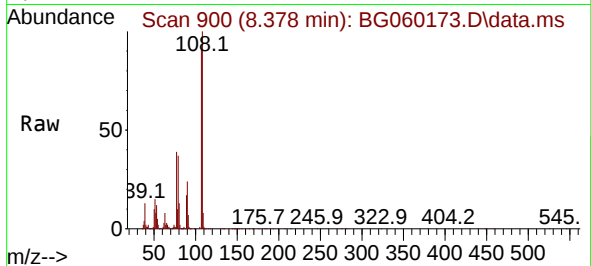
Ion Ratio Lower Upper

107 100

108 110.3 91.4 137.2

77 43.5 37.8 56.6

79 41.1 34.8 52.2



#18

Hexachloroethane

Concen: 40.736 ng

RT: 9.025 min Scan# 1010

Delta R.T. 0.000 min

Lab File: BG060173.D

Acq: 26 Dec 2023 16:36

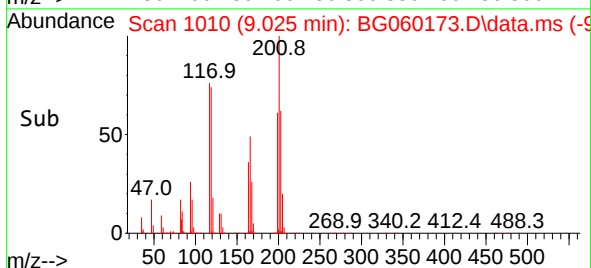
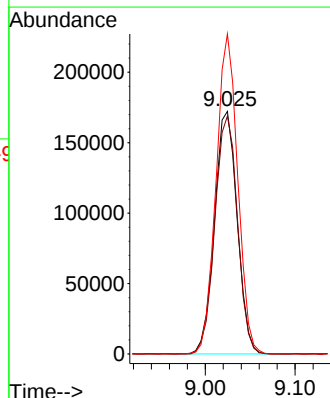
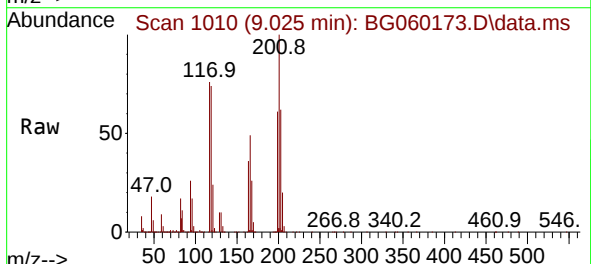
Tgt Ion:117 Resp: 301162

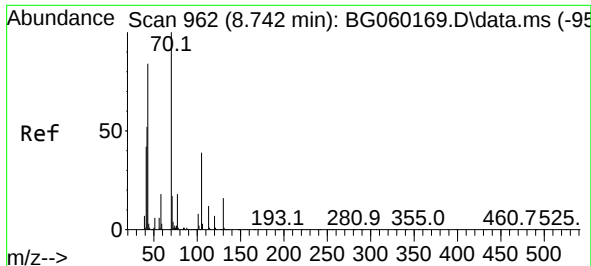
Ion Ratio Lower Upper

117 100

119 98.1 80.7 121.1

201 131.9 104.3 156.5

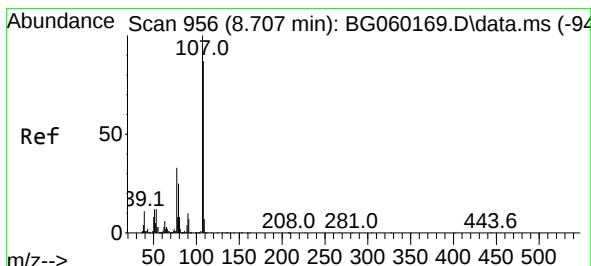
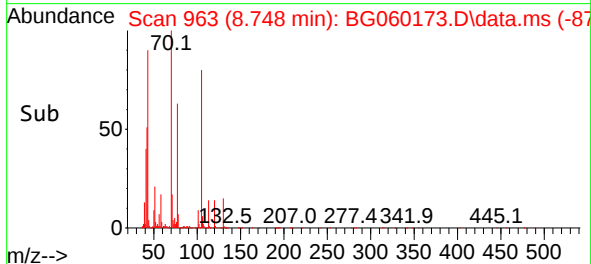
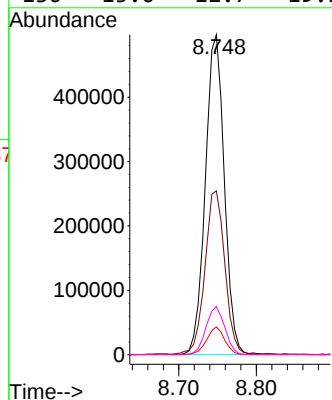
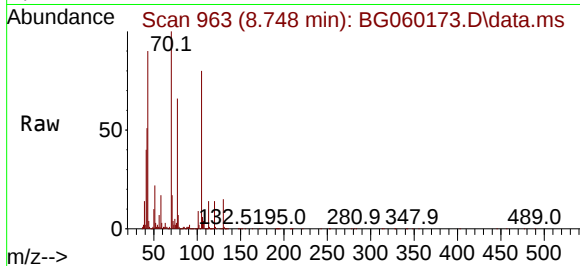




#19  
n-Nitroso-di-n-propylamine  
Concen: 41.788 ng  
RT: 8.748 min Scan# 90  
Delta R.T. 0.006 min  
Lab File: BG060173.D  
Acq: 26 Dec 2023 16:36

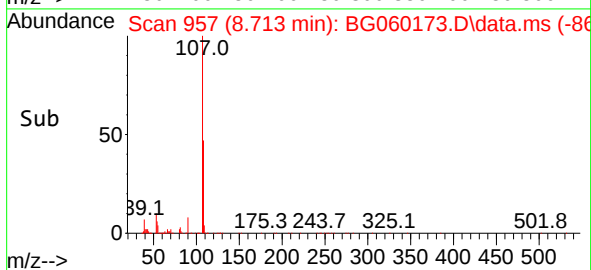
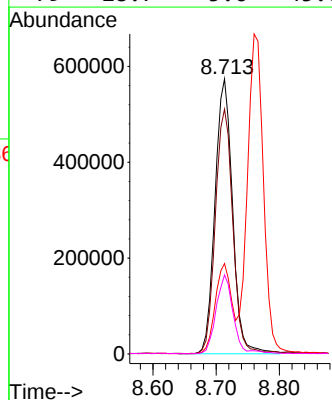
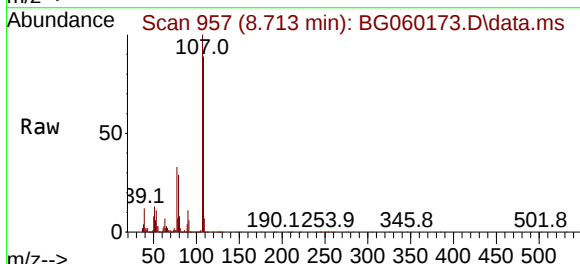
Instrument :  
BNA\_G  
ClientSampleId :  
ICVBG122623

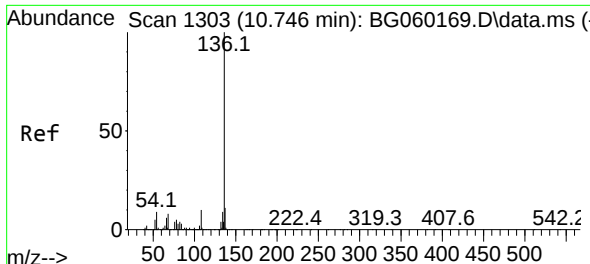
Tgt Ion: 70 Resp: 843792  
Ion Ratio Lower Upper  
70 100  
42 51.2 41.8 62.6  
101 8.7 6.6 10.0  
130 15.0 12.7 19.1



#20  
3+4-Methylphenols  
Concen: 42.251 ng  
RT: 8.713 min Scan# 957  
Delta R.T. 0.006 min  
Lab File: BG060173.D  
Acq: 26 Dec 2023 16:36

Tgt Ion: 107 Resp: 1106108  
Ion Ratio Lower Upper  
107 100  
108 89.0 66.8 106.8  
77 32.9 12.8 52.8  
79 28.7 5.6 45.6

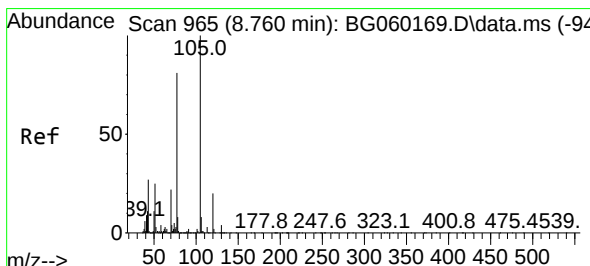
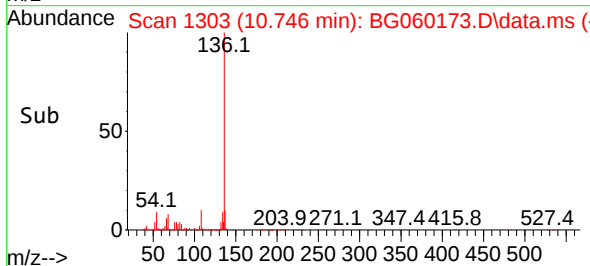
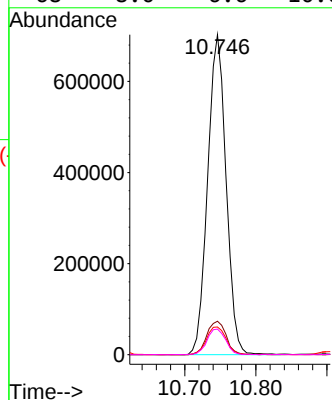
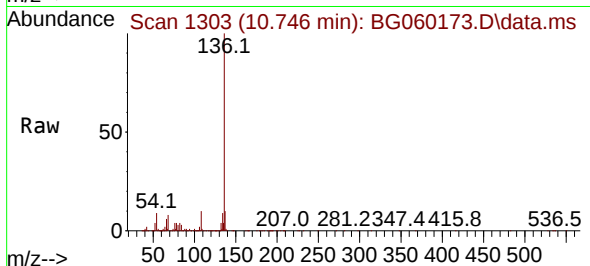




#21  
Naphthalene-d8  
Concen: 20.000 ng  
RT: 10.746 min Scan# 1303  
Delta R.T. 0.000 min  
Lab File: BG060173.D  
Acq: 26 Dec 2023 16:36

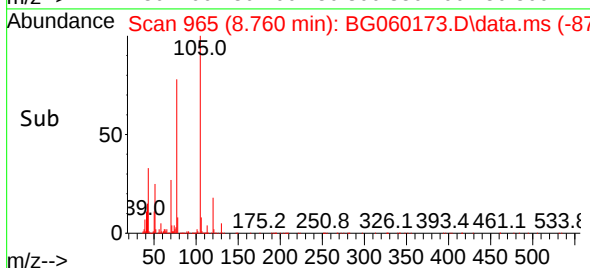
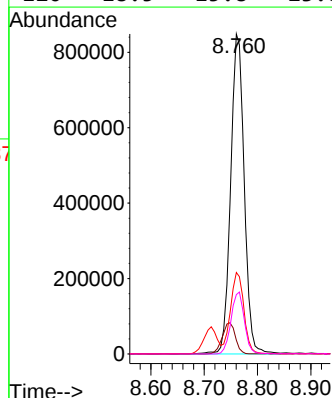
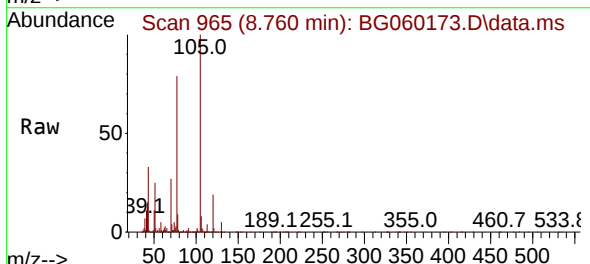
Instrument :  
BNA\_G  
ClientSampleId :  
ICVBG122623

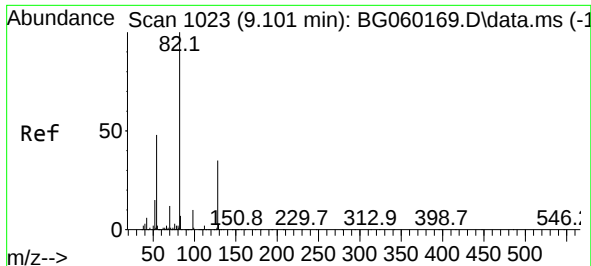
Tgt Ion:136 Resp: 1266399  
Ion Ratio Lower Upper  
136 100  
137 10.5 9.2 13.8  
54 8.6 7.5 11.3  
68 8.0 6.6 10.0



#22  
Acetophenone  
Concen: 41.079 ng  
RT: 8.760 min Scan# 965  
Delta R.T. 0.000 min  
Lab File: BG060173.D  
Acq: 26 Dec 2023 16:36

Tgt Ion:105 Resp: 1500133  
Ion Ratio Lower Upper  
105 100  
71 4.3 3.0 4.4  
51 25.4 20.2 30.4  
120 18.5 15.8 23.8

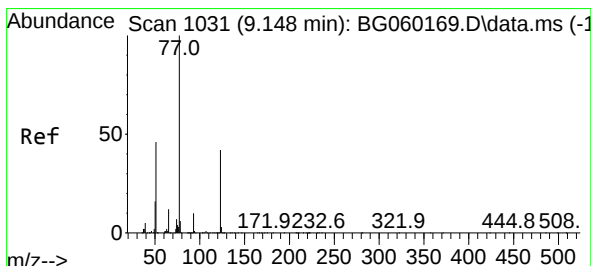
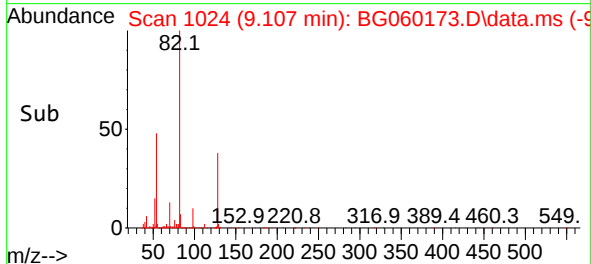
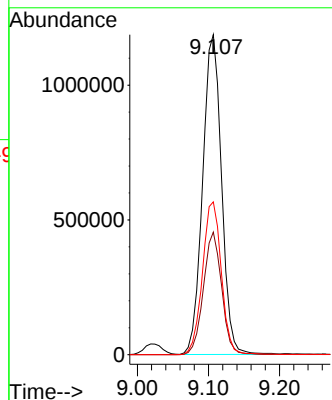
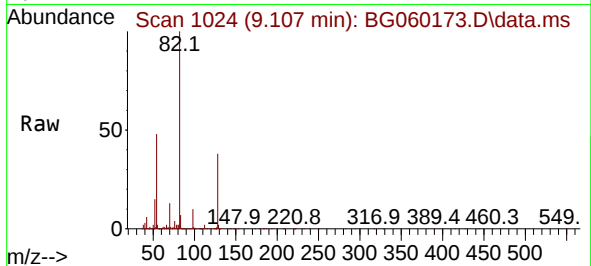




#23  
Nitrobenzene-d5  
Concen: 81.833 ng  
RT: 9.107 min Scan# 1023  
Delta R.T. 0.006 min  
Lab File: BG060173.D  
Acq: 26 Dec 2023 16:36

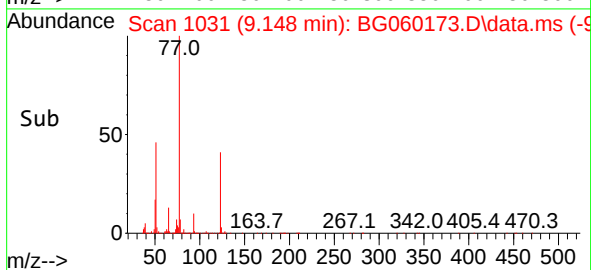
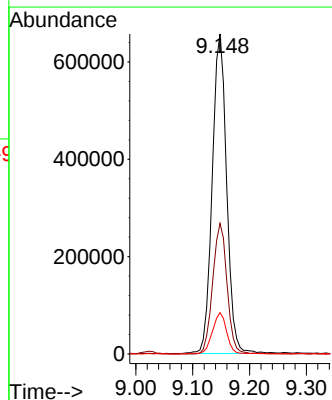
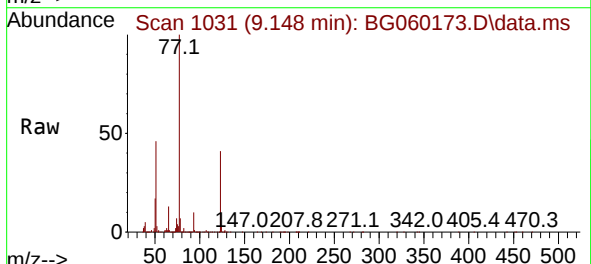
Instrument :  
BNA\_G  
ClientSampleId :  
ICVBG122623

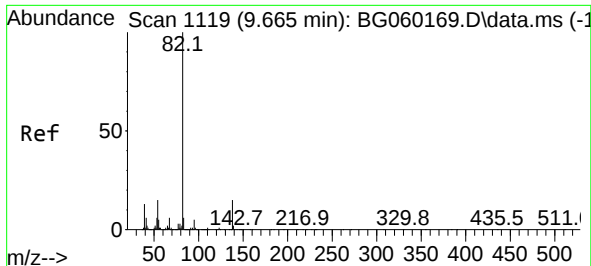
Tgt Ion: 82 Resp: 2192465  
Ion Ratio Lower Upper  
82 100  
128 38.3 28.2 42.2  
54 47.8 38.5 57.7



#24  
Nitrobenzene  
Concen: 41.195 ng  
RT: 9.148 min Scan# 1031  
Delta R.T. 0.000 min  
Lab File: BG060173.D  
Acq: 26 Dec 2023 16:36

Tgt Ion: 77 Resp: 1153374  
Ion Ratio Lower Upper  
77 100  
123 40.8 33.2 49.8  
65 12.9 9.2 13.8

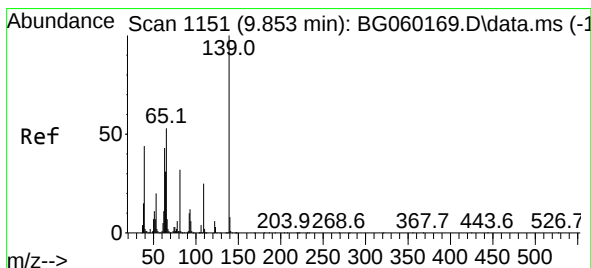
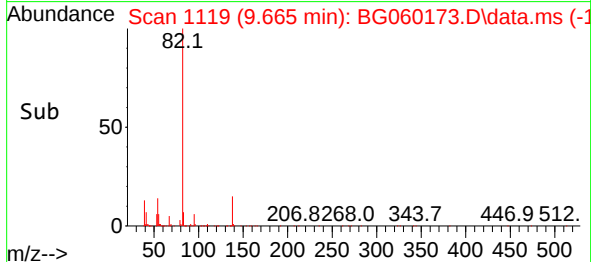
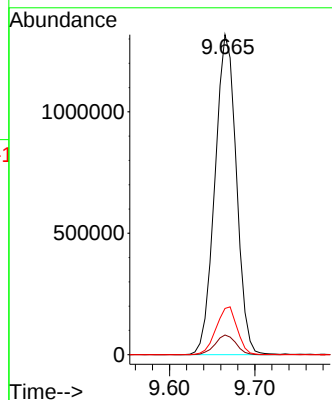
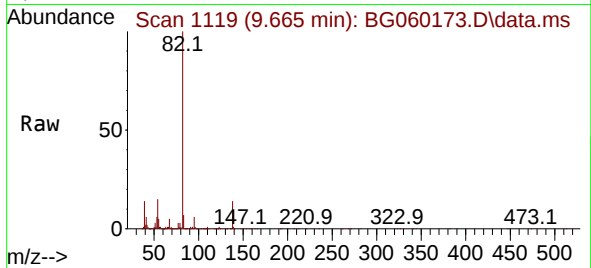




#25  
Isophorone  
Concen: 40.352 ng  
RT: 9.665 min Scan# 1119  
Delta R.T. 0.000 min  
Lab File: BG060173.D  
Acq: 26 Dec 2023 16:36

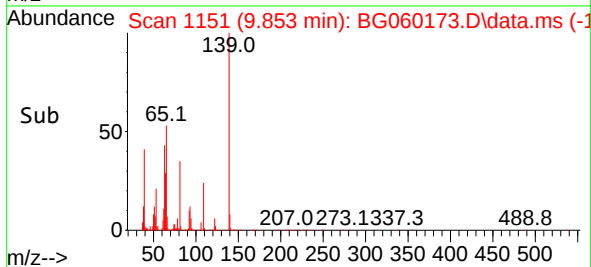
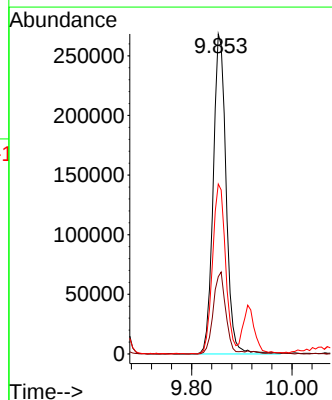
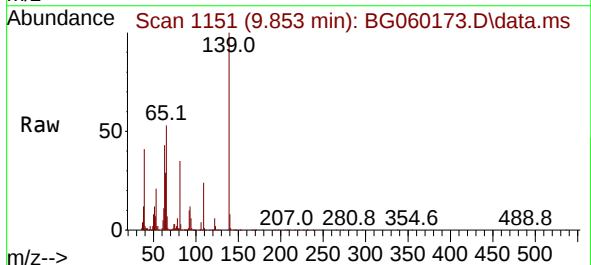
Instrument :  
BNA\_G  
ClientSampleId :  
ICVBG122623

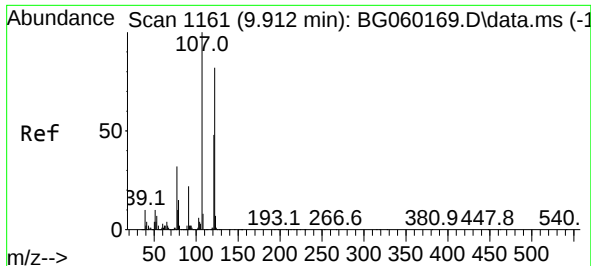
Tgt Ion: 82 Resp: 2304416  
Ion Ratio Lower Upper  
82 100  
95 6.1 4.2 6.2  
138 14.5 12.1 18.1



#26  
2-Nitrophenol  
Concen: 43.552 ng  
RT: 9.853 min Scan# 1151  
Delta R.T. 0.000 min  
Lab File: BG060173.D  
Acq: 26 Dec 2023 16:36

Tgt Ion: 139 Resp: 478353  
Ion Ratio Lower Upper  
139 100  
109 24.2 19.9 29.9  
65 53.1 42.2 63.4





#27

2,4-Dimethylphenol

Concen: 42.143 ng

RT: 9.912 min Scan# 1161

Delta R.T. 0.000 min

Lab File: BG060173.D

Acq: 26 Dec 2023 16:36

Instrument :

BNA\_G

ClientSampleId :

ICVBG122623

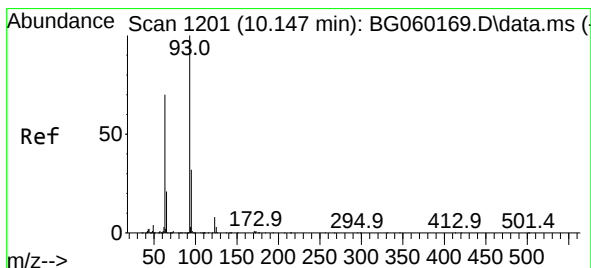
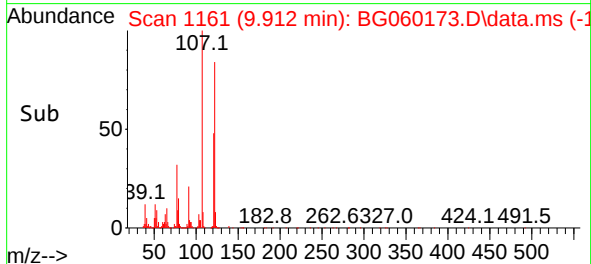
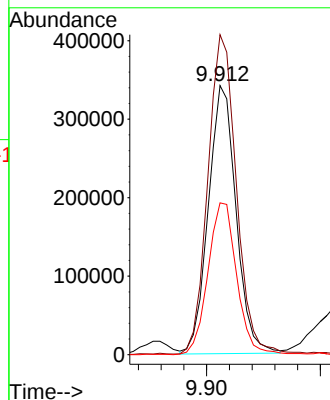
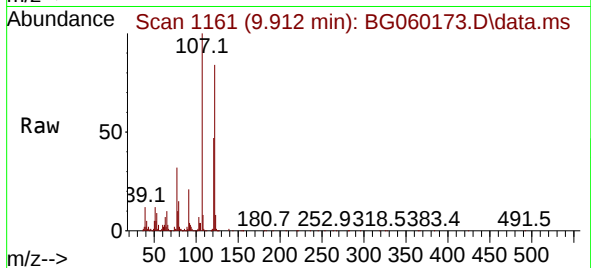
Tgt Ion:122 Resp: 579715

Ion Ratio Lower Upper

122 100

107 118.9 96.9 145.3

121 56.4 46.0 69.0



#28

bis(2-Chloroethoxy)methane

Concen: 40.726 ng

RT: 10.153 min Scan# 1202

Delta R.T. 0.006 min

Lab File: BG060173.D

Acq: 26 Dec 2023 16:36

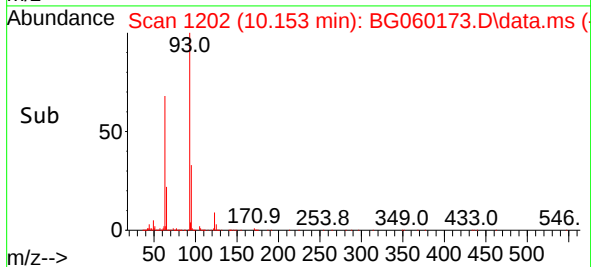
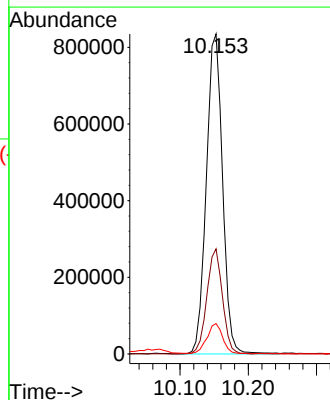
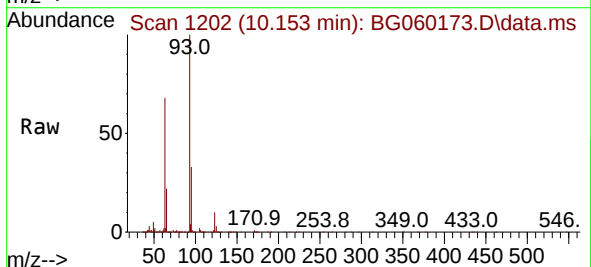
Tgt Ion: 93 Resp: 1378723

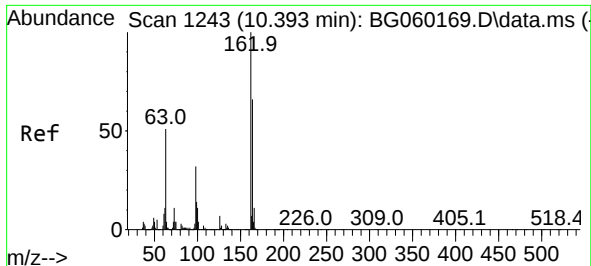
Ion Ratio Lower Upper

93 100

95 32.8 25.6 38.4

123 9.5 7.1 10.7





#29

2,4-Dichlorophenol

Concen: 42.431 ng

RT: 10.394 min Scan# 1243

Delta R.T. 0.000 min

Lab File: BG060173.D

Acq: 26 Dec 2023 16:36

Instrument :

BNA\_G

ClientSampleId :

ICVBG122623

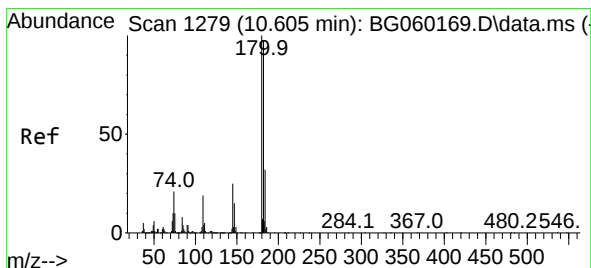
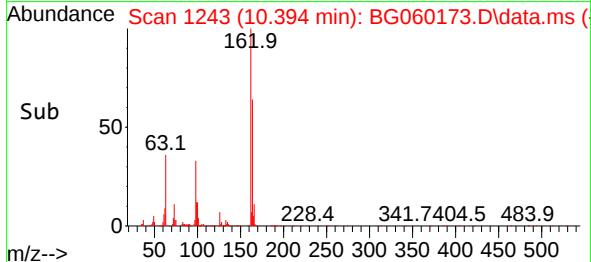
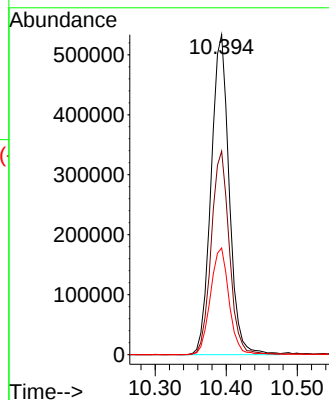
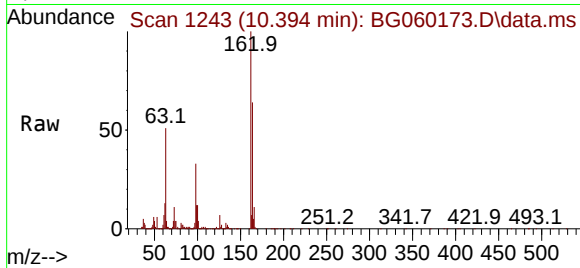
Tgt Ion:162 Resp: 945584

Ion Ratio Lower Upper

162 100

164 63.6 46.4 86.4

98 33.3 11.8 51.8



#30

1,2,4-Trichlorobenzene

Concen: 41.309 ng

RT: 10.605 min Scan# 1279

Delta R.T. 0.000 min

Lab File: BG060173.D

Acq: 26 Dec 2023 16:36

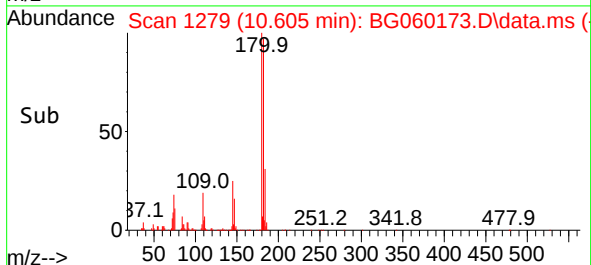
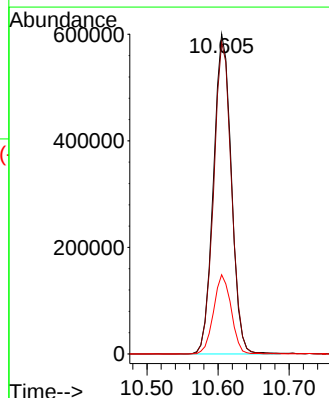
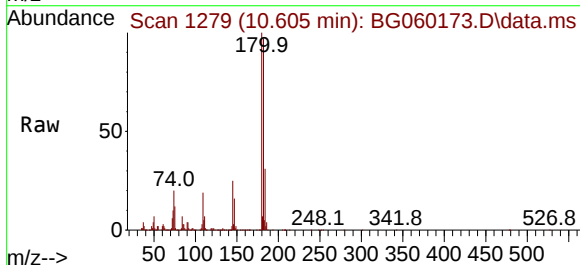
Tgt Ion:180 Resp: 1049506

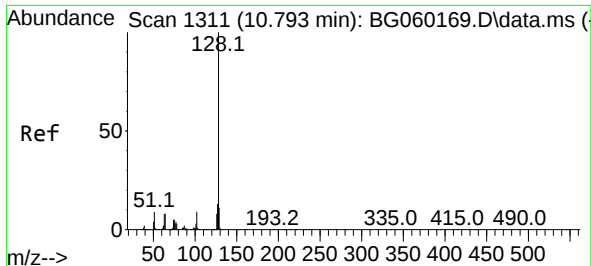
Ion Ratio Lower Upper

180 100

182 97.4 77.6 116.4

145 24.7 20.2 30.2

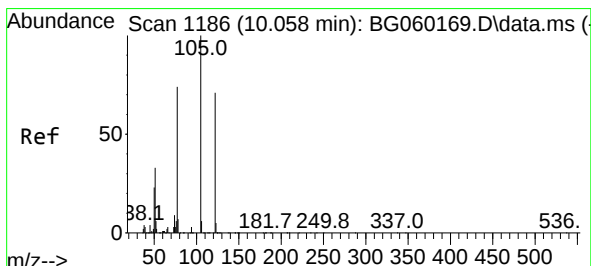
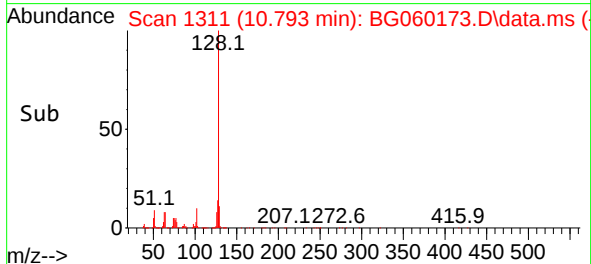
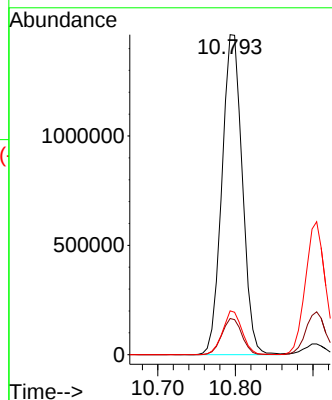
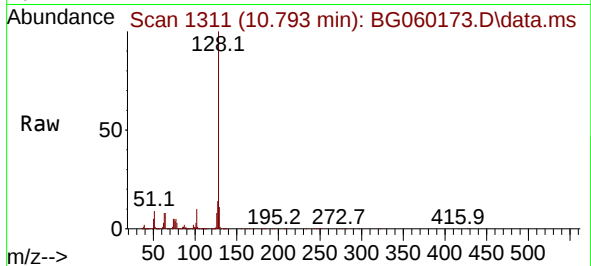




#31  
Naphthalene  
Concen: 40.884 ng  
RT: 10.793 min Scan# 1187  
Delta R.T. 0.000 min  
Lab File: BG060173.D  
Acq: 26 Dec 2023 16:36

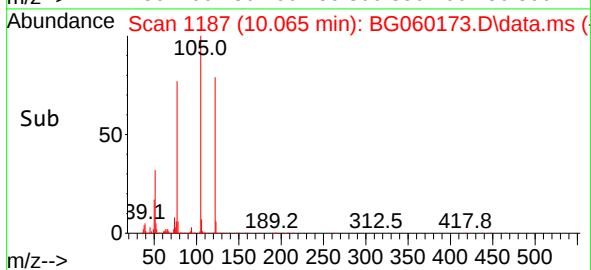
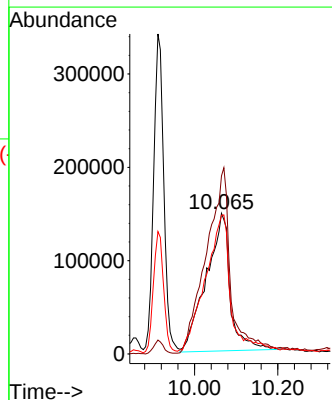
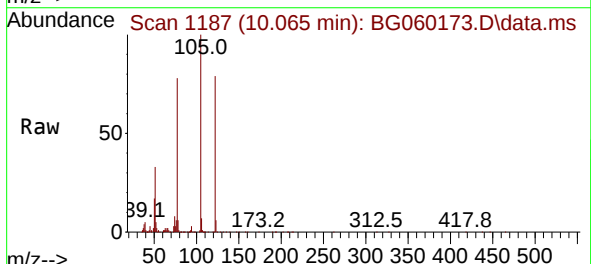
Instrument :  
BNA\_G  
ClientSampleId :  
ICVBG122623

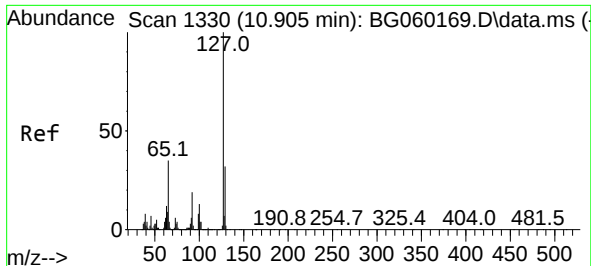
Tgt Ion:128 Resp: 2678216  
Ion Ratio Lower Upper  
128 100  
129 11.3 8.8 13.2  
127 13.7 10.6 16.0



#32  
Benzoic acid  
Concen: 40.288 ng  
RT: 10.065 min Scan# 1187  
Delta R.T. 0.007 min  
Lab File: BG060173.D  
Acq: 26 Dec 2023 16:36

Tgt Ion:122 Resp: 590730  
Ion Ratio Lower Upper  
122 100  
105 126.7 116.9 156.9  
77 98.6 82.5 122.5



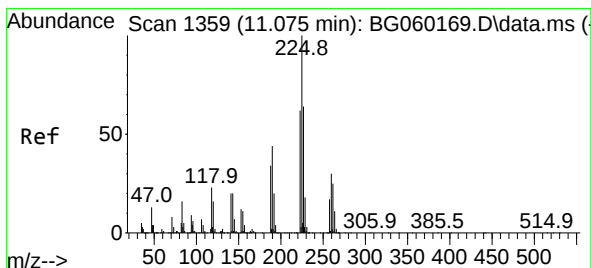
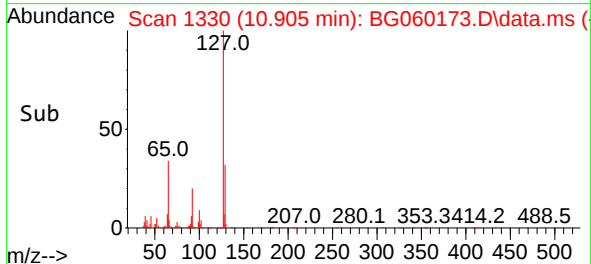
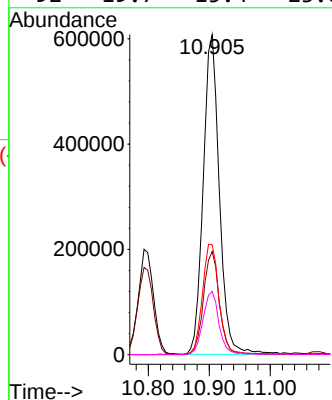
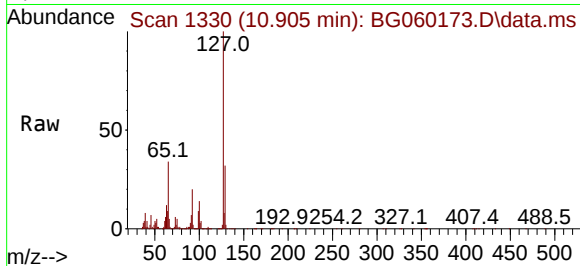


#33  
4-Chloroaniline  
Concen: 42.108 ng  
RT: 10.905 min Scan# 11  
Delta R.T. 0.000 min  
Lab File: BG060173.D  
Acq: 26 Dec 2023 16:36

Instrument :  
BNA\_G  
ClientSampleId :  
ICVBG122623

Tgt Ion:127 Resp: 1120730

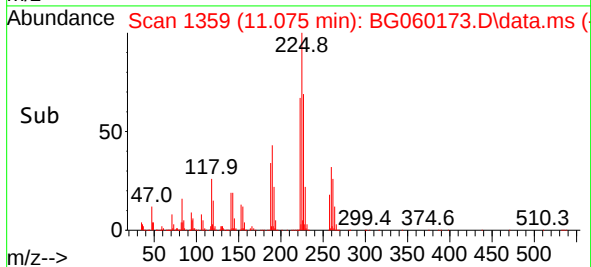
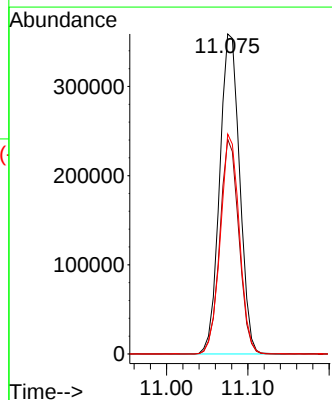
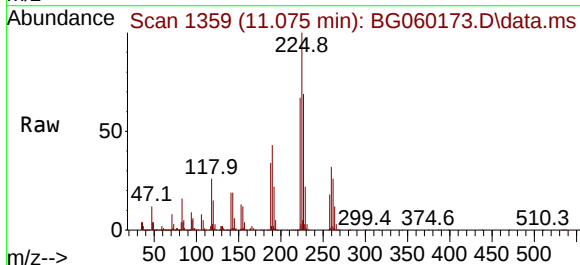
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 127 | 100   |       |       |
| 129 | 32.3  | 25.4  | 38.2  |
| 65  | 34.4  | 28.1  | 42.1  |
| 92  | 19.7  | 15.4  | 23.0  |

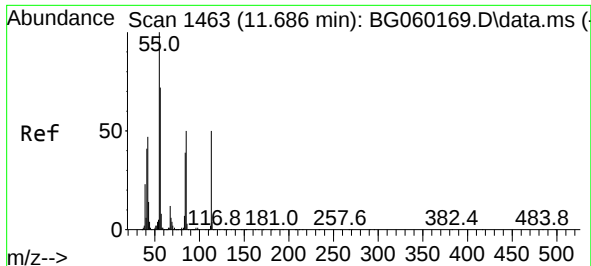


#34  
Hexachlorobutadiene  
Concen: 40.556 ng  
RT: 11.075 min Scan# 1359  
Delta R.T. 0.000 min  
Lab File: BG060173.D  
Acq: 26 Dec 2023 16:36

Tgt Ion:225 Resp: 613534

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 225 | 100   |       |       |
| 223 | 70.0  | 49.8  | 74.6  |
| 227 | 71.3  | 51.2  | 76.8  |

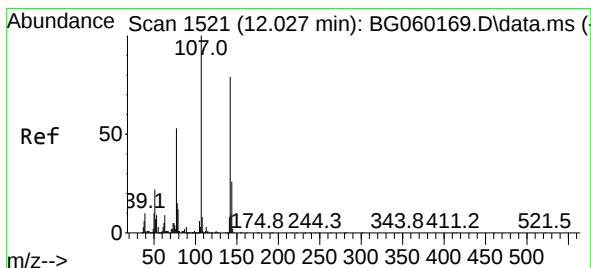
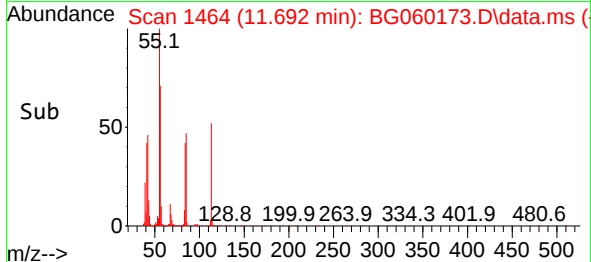
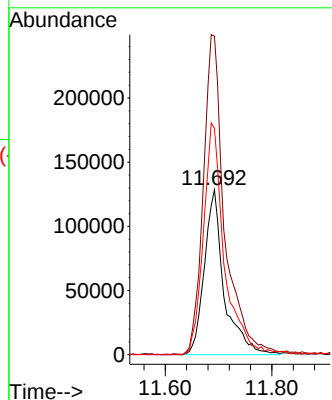
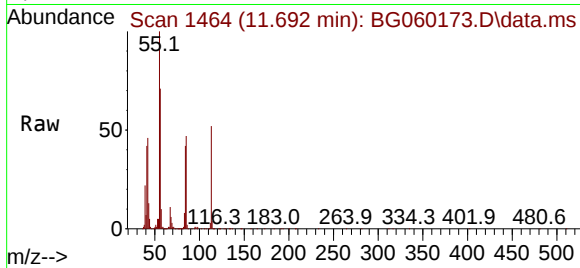




#35  
Caprolactam  
Concen: 41.229 ng  
RT: 11.692 min Scan# 1464  
Delta R.T. 0.006 min  
Lab File: BG060173.D  
Acq: 26 Dec 2023 16:36

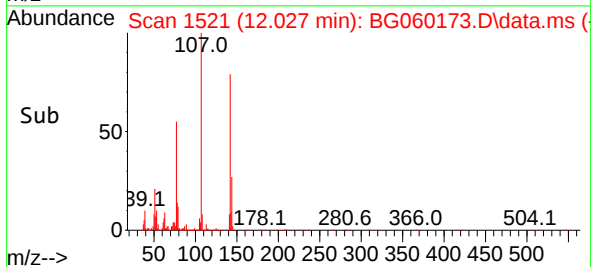
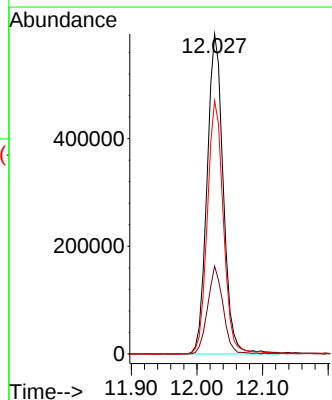
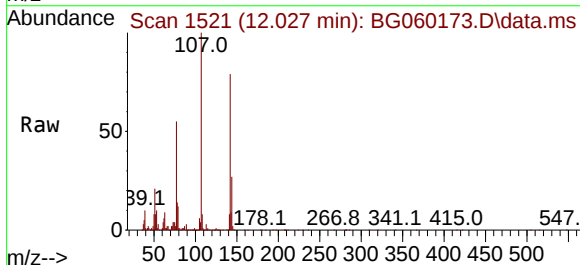
Instrument :  
BNA\_G  
ClientSampleId :  
ICVBG122623

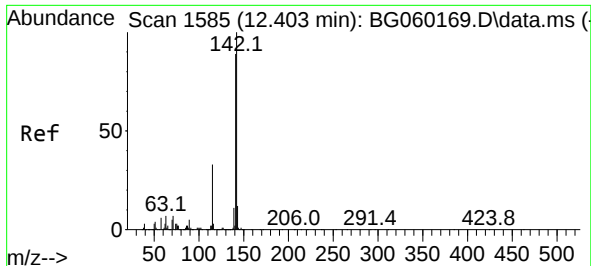
Tgt Ion:113 Resp: 331192  
Ion Ratio Lower Upper  
113 100  
55 193.4 181.3 221.3  
56 137.3 125.6 165.6



#36  
4-Chloro-3-methylphenol  
Concen: 42.321 ng  
RT: 12.027 min Scan# 1521  
Delta R.T. 0.000 min  
Lab File: BG060173.D  
Acq: 26 Dec 2023 16:36

Tgt Ion:107 Resp: 1021939  
Ion Ratio Lower Upper  
107 100  
144 27.4 20.6 31.0  
142 79.2 63.0 94.4

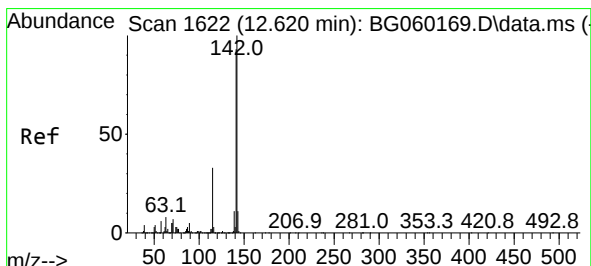
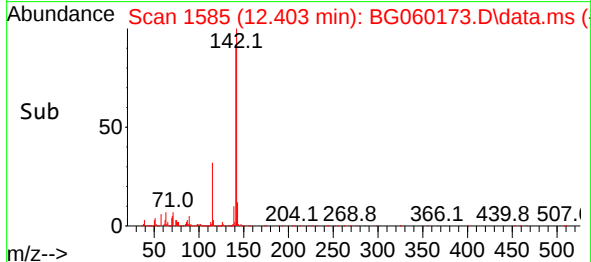
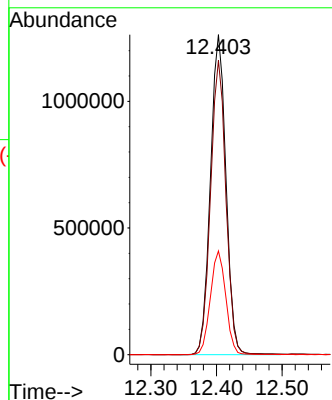
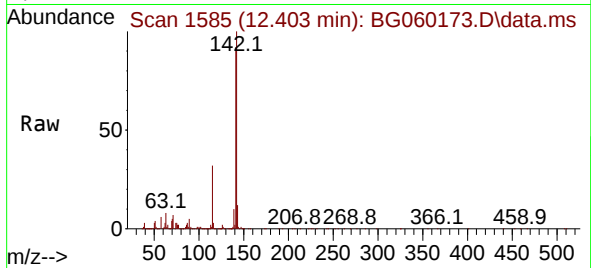




#37  
2-Methylnaphthalene  
Concen: 41.457 ng  
RT: 12.403 min Scan# 1585  
Delta R.T. 0.000 min  
Lab File: BG060173.D  
Acq: 26 Dec 2023 16:36

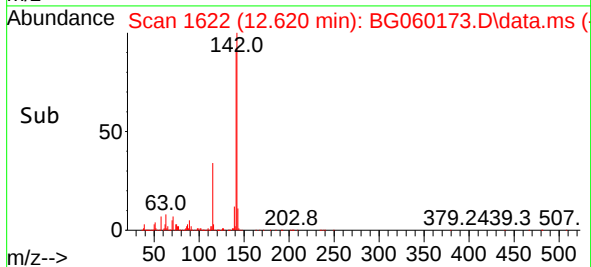
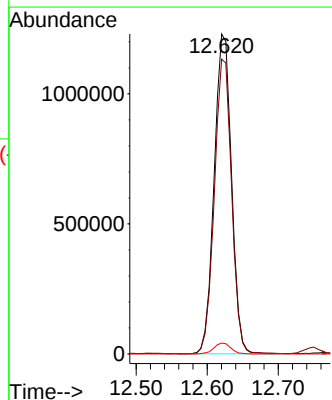
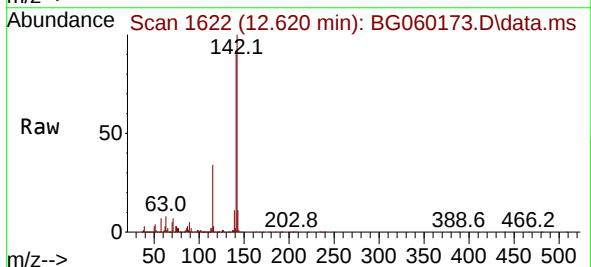
Instrument :  
BNA\_G  
ClientSampleId :  
ICVBG122623

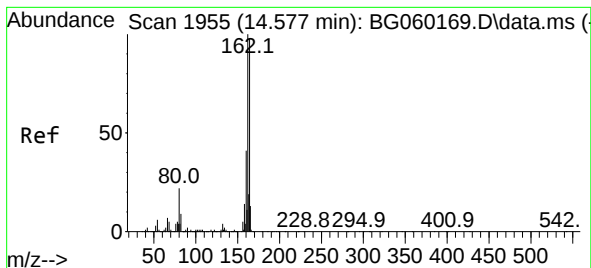
Tgt Ion:142 Resp: 2083489  
Ion Ratio Lower Upper  
142 100  
141 92.0 71.6 107.4  
115 32.4 26.3 39.5



#38  
1-Methylnaphthalene  
Concen: 41.071 ng  
RT: 12.620 min Scan# 1622  
Delta R.T. 0.000 min  
Lab File: BG060173.D  
Acq: 26 Dec 2023 16:36

Tgt Ion:142 Resp: 2073451  
Ion Ratio Lower Upper  
142 100  
141 92.1 74.2 111.2  
116 3.4 2.5 3.7





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.577 min Scan# 1955

Delta R.T. 0.000 min

Lab File: BG060173.D

Acq: 26 Dec 2023 16:36

Instrument :

BNA\_G

ClientSampleId :

ICVBG122623

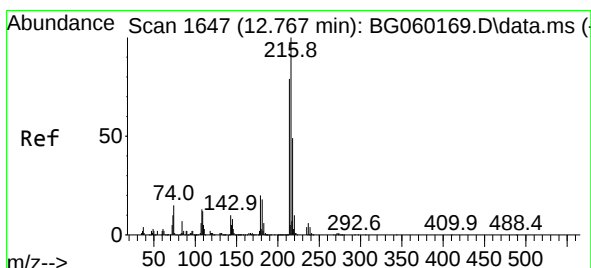
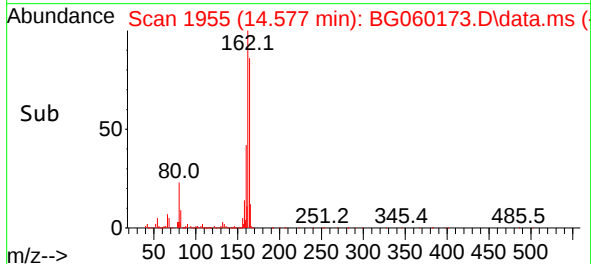
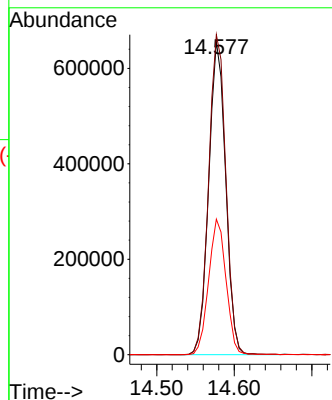
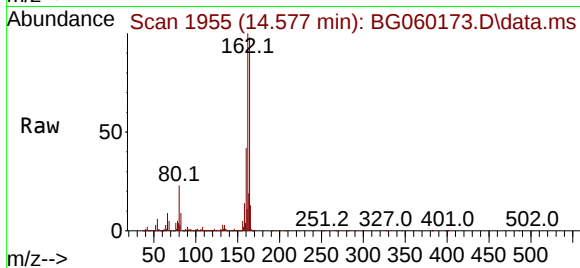
Tgt Ion:164 Resp: 995020

Ion Ratio Lower Upper

164 100

162 102.2 81.4 122.2

160 43.3 33.8 50.6



#40

1,2,4,5-Tetrachlorobenzene

Concen: 41.642 ng

RT: 12.767 min Scan# 1647

Delta R.T. 0.000 min

Lab File: BG060173.D

Acq: 26 Dec 2023 16:36

Tgt Ion:216 Resp: 1249695

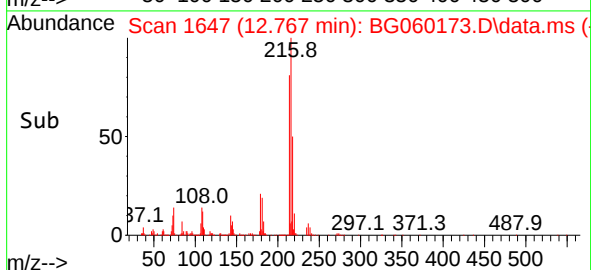
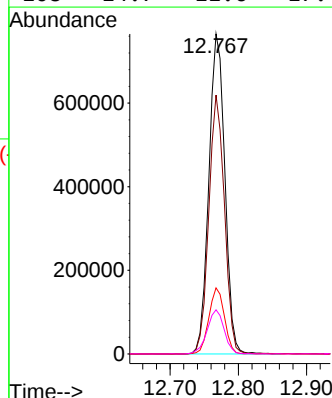
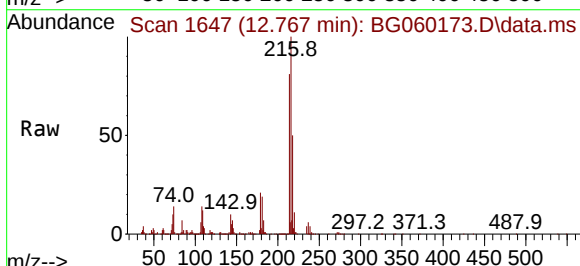
Ion Ratio Lower Upper

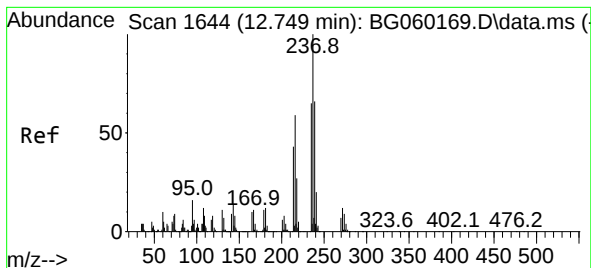
216 100

214 79.3 62.8 94.2

179 20.1 15.5 23.3

108 14.7 11.6 17.4

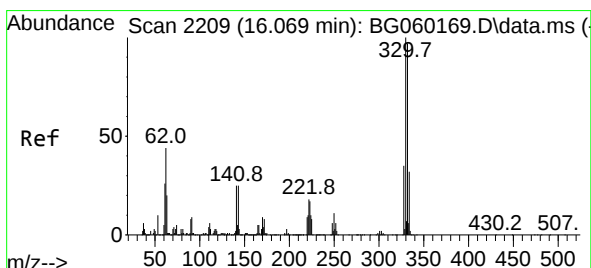
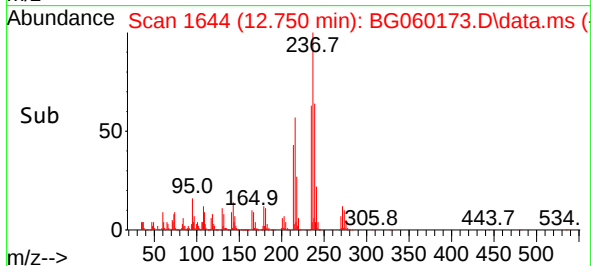
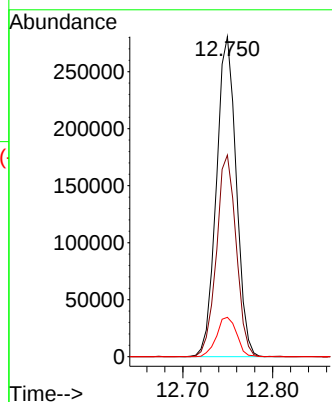
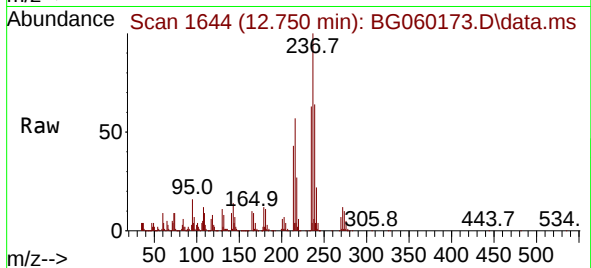




#41  
Hexachlorocyclopentadiene  
Concen: 43.494 ng  
RT: 12.750 min Scan# 1  
Delta R.T. 0.000 min  
Lab File: BG060173.D  
Acq: 26 Dec 2023 16:36

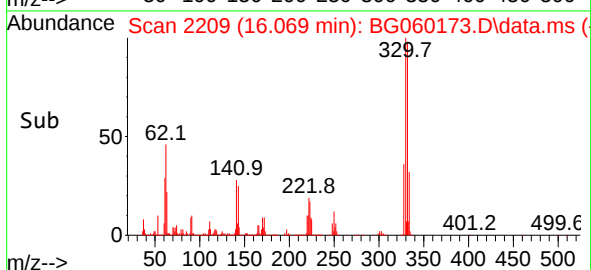
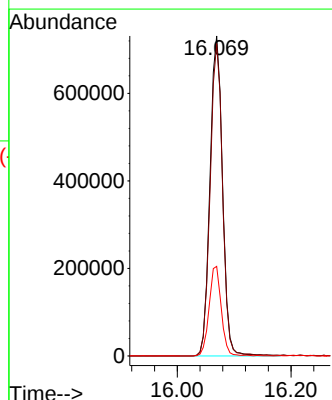
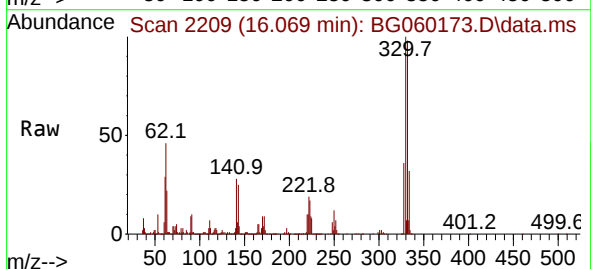
Instrument :  
BNA\_G  
ClientSampleId :  
ICVBG122623

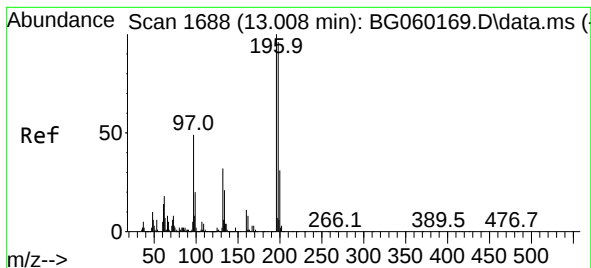
Tgt Ion:237 Resp: 429764  
Ion Ratio Lower Upper  
237 100  
235 63.0 45.4 85.4  
272 12.3 0.0 32.1



#42  
2,4,6-Tribromophenol  
Concen: 83.373 ng  
RT: 16.069 min Scan# 2209  
Delta R.T. 0.000 min  
Lab File: BG060173.D  
Acq: 26 Dec 2023 16:36

Tgt Ion:330 Resp: 1113271  
Ion Ratio Lower Upper  
330 100  
332 96.8 77.1 115.7  
141 27.3 21.2 31.8





#43

2,4,6-Trichlorophenol

Concen: 42.712 ng

RT: 13.008 min Scan# 1

Delta R.T. 0.000 min

Lab File: BG060173.D

Acq: 26 Dec 2023 16:36

Instrument :

BNA\_G

ClientSampleId :

ICVBG122623

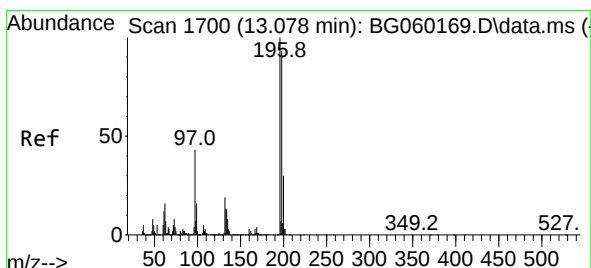
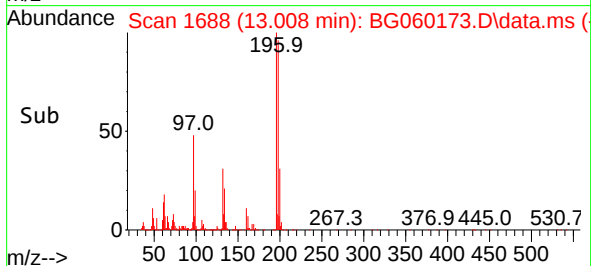
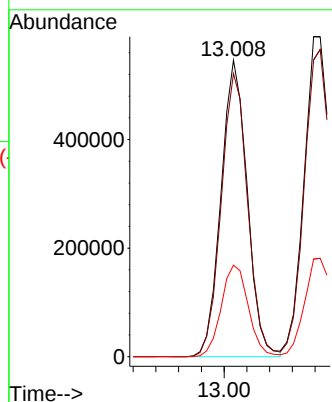
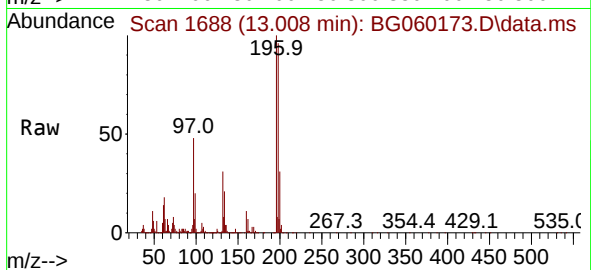
Tgt Ion:196 Resp: 874848

Ion Ratio Lower Upper

196 100

198 95.5 76.5 114.7

200 30.9 25.1 37.7



#44

2,4,5-Trichlorophenol

Concen: 43.519 ng

RT: 13.079 min Scan# 1700

Delta R.T. 0.000 min

Lab File: BG060173.D

Acq: 26 Dec 2023 16:36

Tgt Ion:196 Resp: 998481

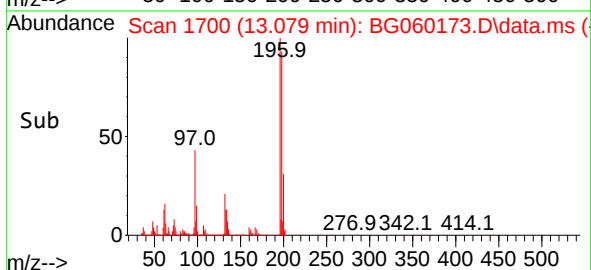
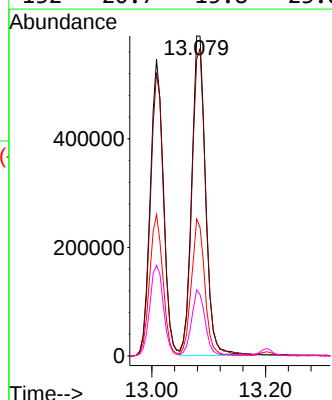
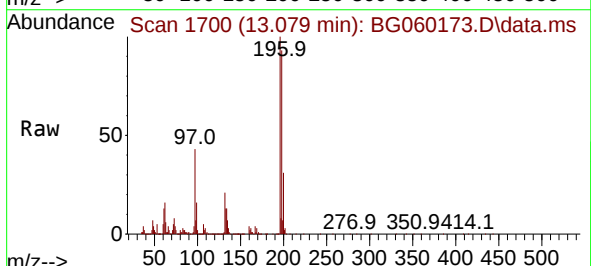
Ion Ratio Lower Upper

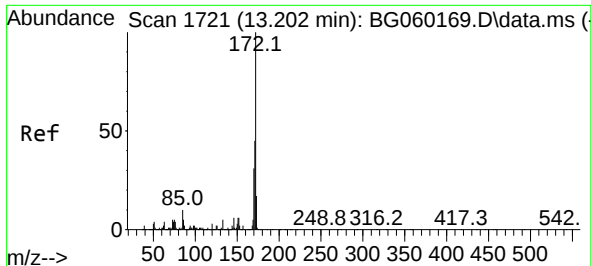
196 100

198 92.7 74.6 111.8

97 42.8 34.0 51.0

132 20.7 15.8 23.8

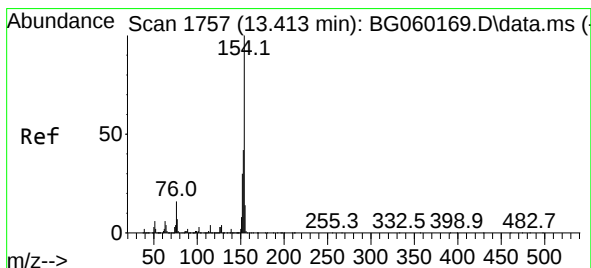
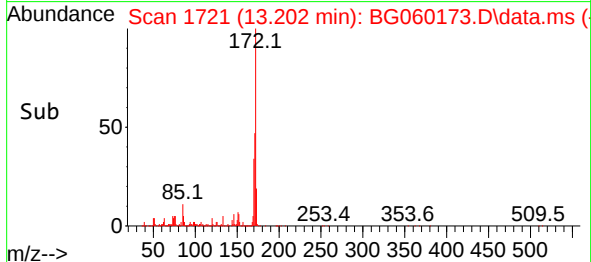
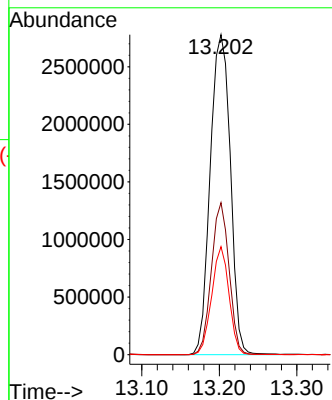
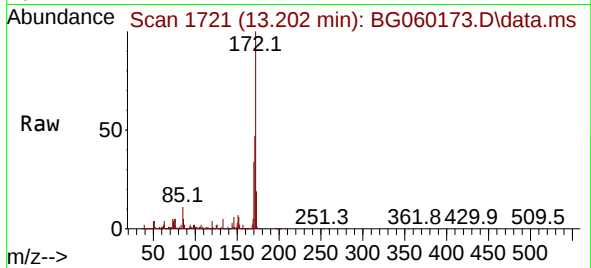




#45  
2-Fluorobiphenyl  
Concen: 79.045 ng  
RT: 13.202 min Scan# 1721  
Delta R.T. 0.000 min  
Lab File: BG060173.D  
Acq: 26 Dec 2023 16:36

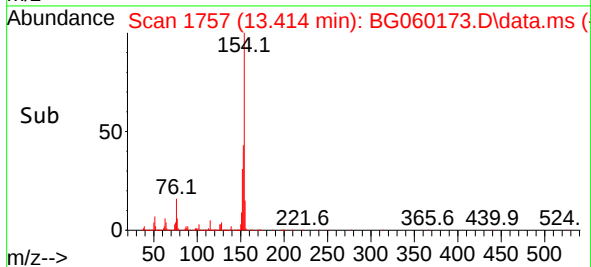
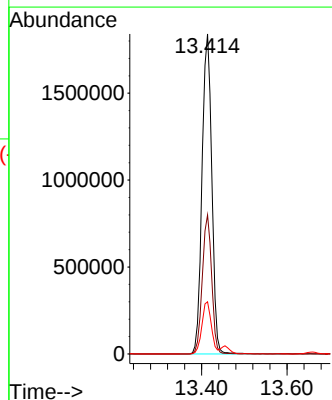
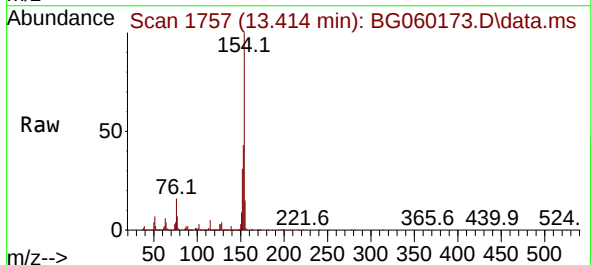
Instrument :  
BNA\_G  
ClientSampleId :  
ICVBG122623

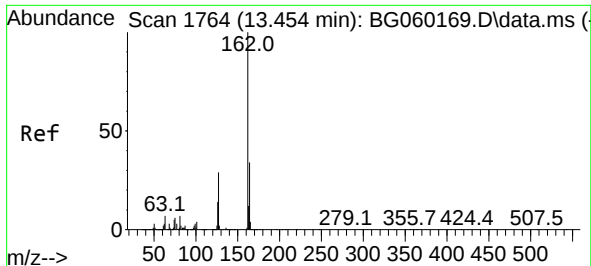
Tgt Ion:172 Resp: 5014556  
Ion Ratio Lower Upper  
172 100  
171 47.5 36.0 54.0  
170 33.7 24.9 37.3



#46  
1,1'-Biphenyl  
Concen: 41.329 ng  
RT: 13.414 min Scan# 1757  
Delta R.T. 0.001 min  
Lab File: BG060173.D  
Acq: 26 Dec 2023 16:36

Tgt Ion:154 Resp: 2924313  
Ion Ratio Lower Upper  
154 100  
153 43.4 22.5 62.5  
76 16.3 0.0 36.1

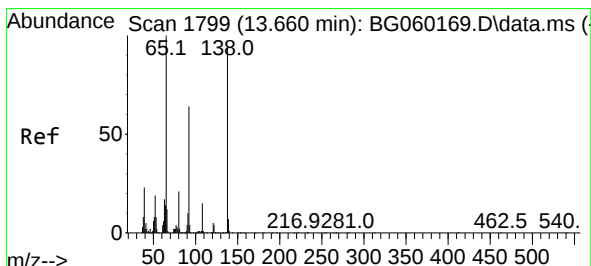
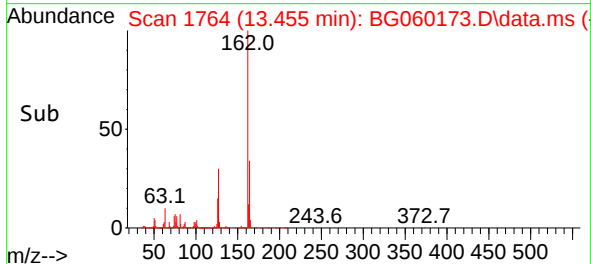
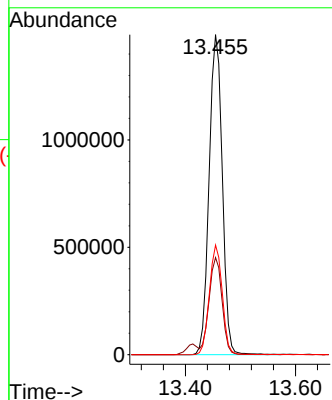
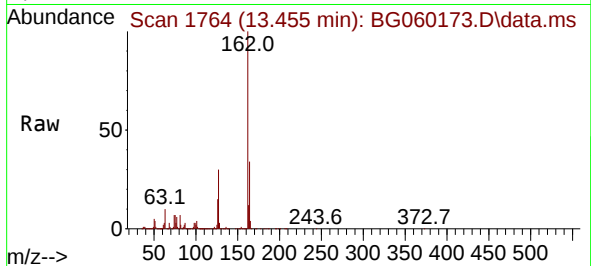




#47  
2-Chloronaphthalene  
Concen: 41.137 ng  
RT: 13.455 min Scan# 1764  
Delta R.T. 0.000 min  
Lab File: BG060173.D  
Acq: 26 Dec 2023 16:36

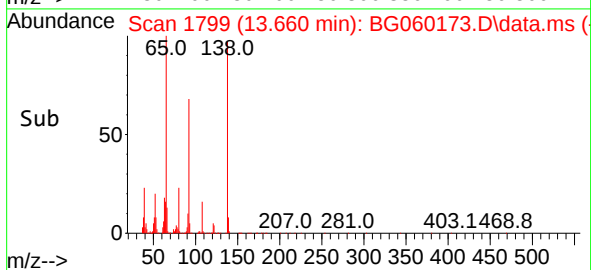
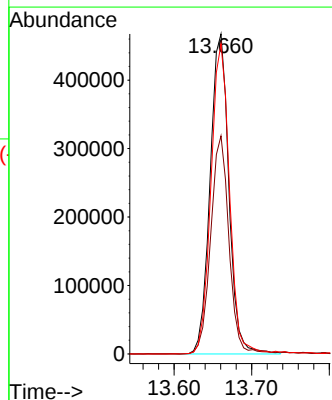
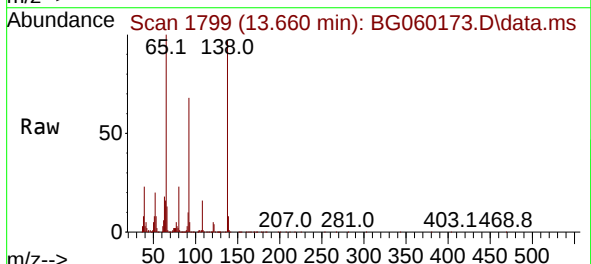
Instrument :  
BNA\_G  
ClientSampleId :  
ICVBG122623

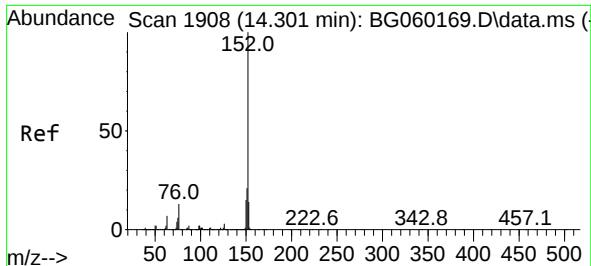
Tgt Ion:162 Resp: 2479402  
Ion Ratio Lower Upper  
162 100  
127 30.4 24.4 36.6  
164 34.3 26.9 40.3



#48  
2-Nitroaniline  
Concen: 43.627 ng  
RT: 13.660 min Scan# 1799  
Delta R.T. 0.000 min  
Lab File: BG060173.D  
Acq: 26 Dec 2023 16:36

Tgt Ion: 65 Resp: 784400  
Ion Ratio Lower Upper  
65 100  
92 68.1 51.6 77.4  
138 97.0 74.9 112.3

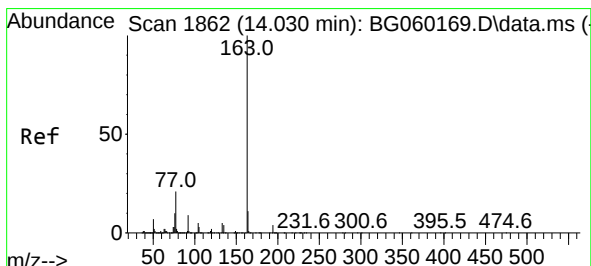
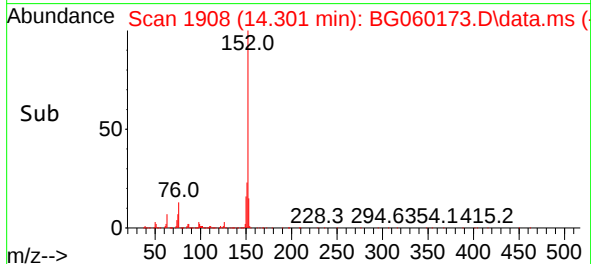
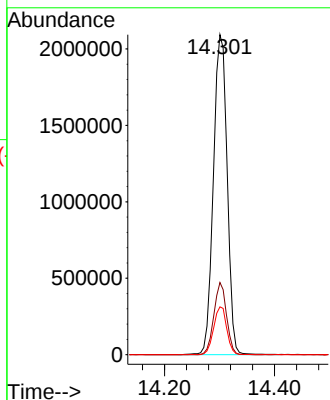
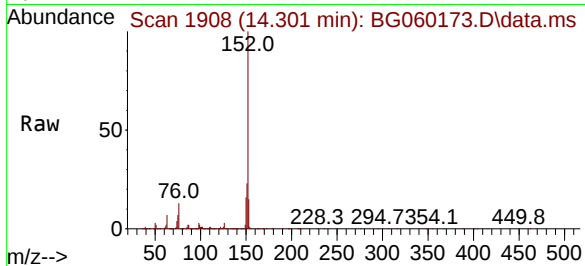




#49  
Acenaphthylene  
Concen: 42.145 ng  
RT: 14.301 min Scan# 1908  
Delta R.T. 0.000 min  
Lab File: BG060173.D  
Acq: 26 Dec 2023 16:36

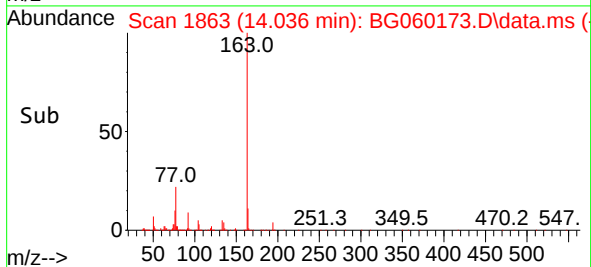
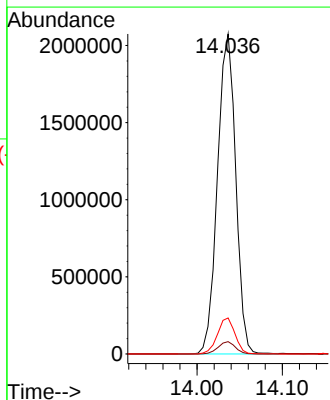
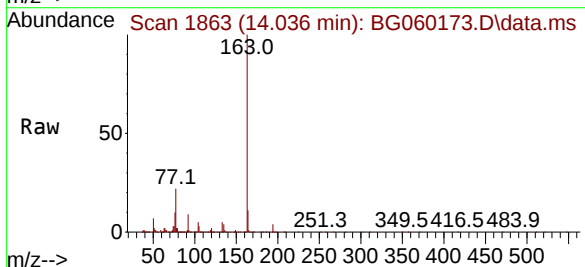
Instrument :  
BNA\_G  
ClientSampleId :  
ICVBG122623

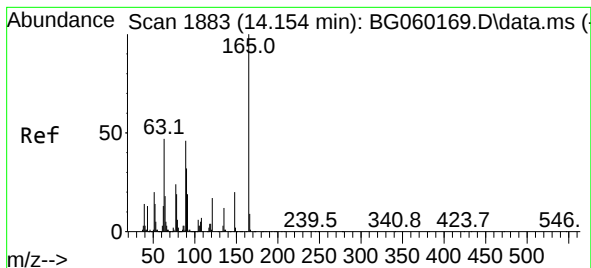
Tgt Ion:152 Resp: 3637273  
Ion Ratio Lower Upper  
152 100  
151 22.5 16.7 25.1  
153 15.0 11.5 17.3



#50  
Dimethylphthalate  
Concen: 41.316 ng  
RT: 14.036 min Scan# 1863  
Delta R.T. 0.006 min  
Lab File: BG060173.D  
Acq: 26 Dec 2023 16:36

Tgt Ion:163 Resp: 3088730  
Ion Ratio Lower Upper  
163 100  
194 3.8 2.9 4.3  
164 11.3 8.9 13.3

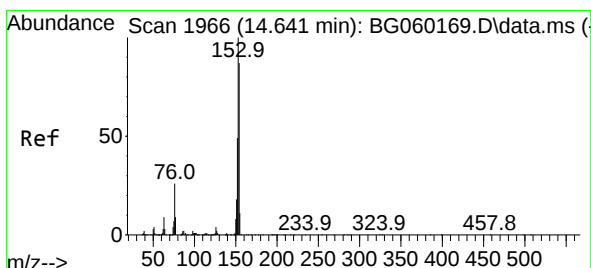
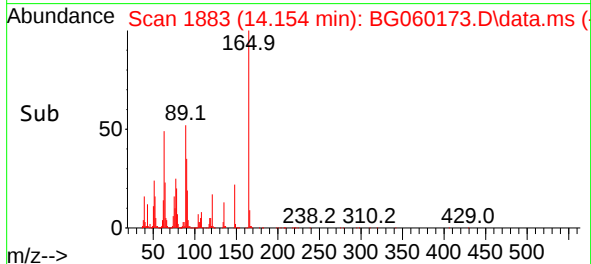
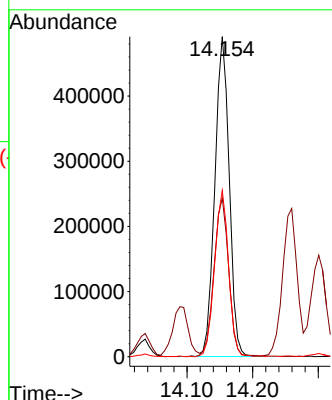
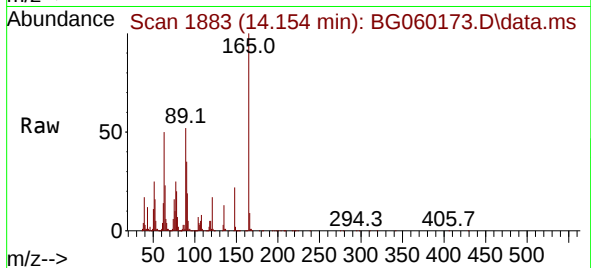




#51  
2,6-Dinitrotoluene  
Concen: 43.943 ng  
RT: 14.154 min Scan# 1883  
Delta R.T. 0.000 min  
Lab File: BG060173.D  
Acq: 26 Dec 2023 16:36

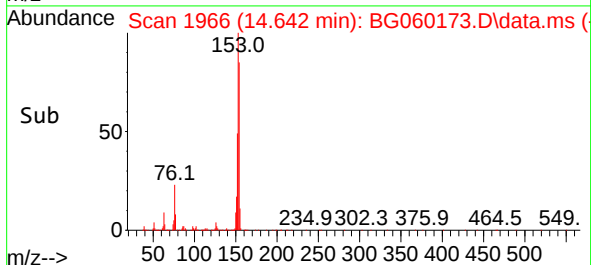
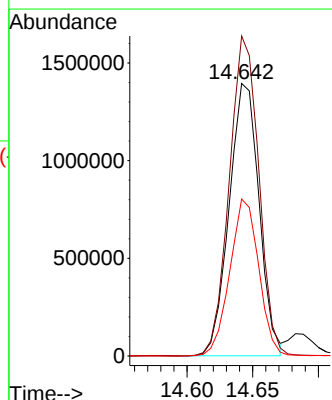
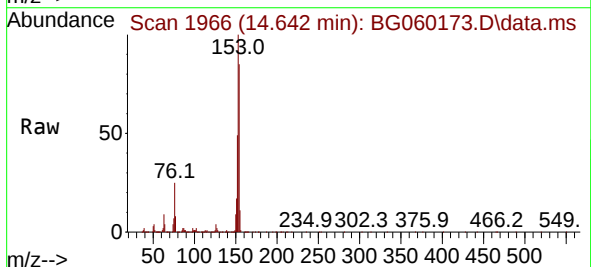
Instrument :  
BNA\_G  
ClientSampleId :  
ICVBG122623

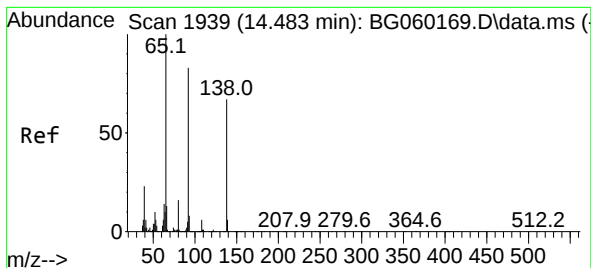
Tgt Ion:165 Resp: 746305  
Ion Ratio Lower Upper  
165 100  
63 49.6 40.0 60.0  
89 52.0 36.7 55.1



#52  
Acenaphthene  
Concen: 40.400 ng  
RT: 14.642 min Scan# 1966  
Delta R.T. 0.000 min  
Lab File: BG060173.D  
Acq: 26 Dec 2023 16:36

Tgt Ion:154 Resp: 2216669  
Ion Ratio Lower Upper  
154 100  
153 117.4 92.2 138.4  
152 57.6 45.6 68.4

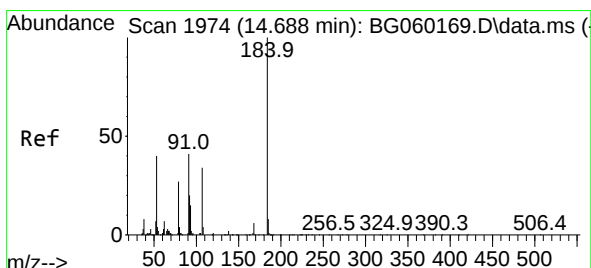
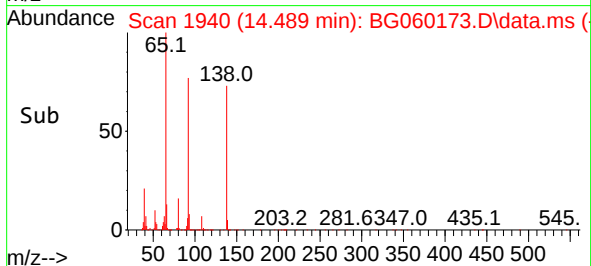
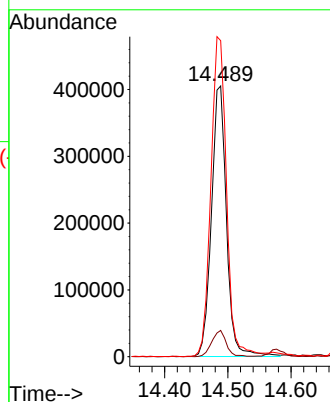
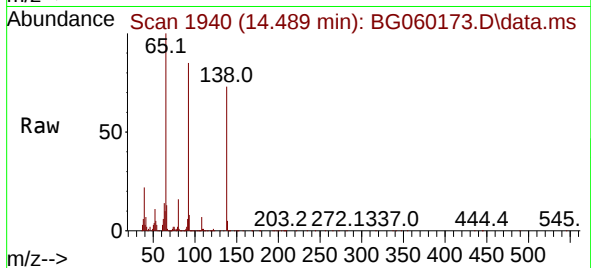




#53  
3-Nitroaniline  
Concen: 43.405 ng  
RT: 14.489 min Scan# 1939  
Delta R.T. 0.006 min  
Lab File: BG060173.D  
Acq: 26 Dec 2023 16:36

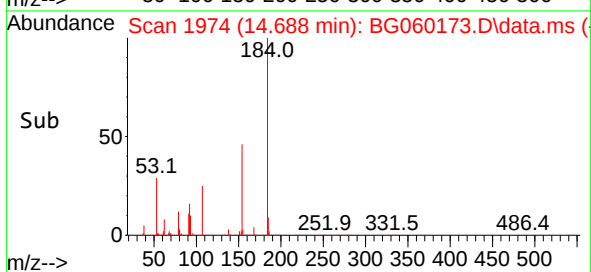
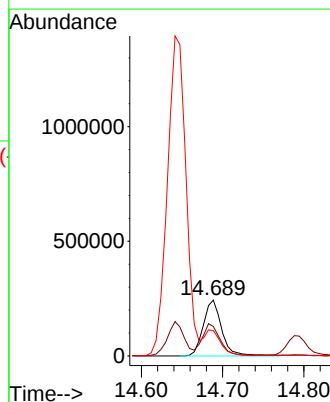
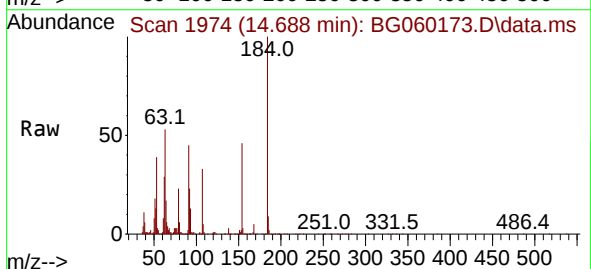
Instrument :  
BNA\_G  
ClientSampleId :  
ICVBG122623

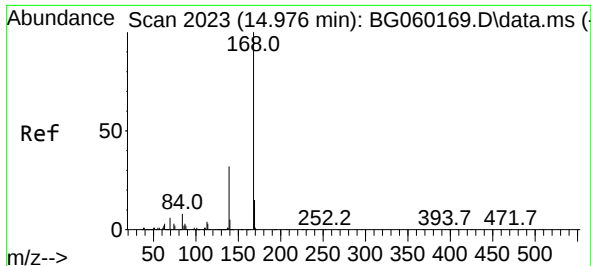
Tgt Ion:138 Resp: 669818  
Ion Ratio Lower Upper  
138 100  
108 9.7 7.2 10.8  
92 116.7 99.4 149.0



#54  
2,4-Dinitrophenol  
Concen: 44.640 ng  
RT: 14.688 min Scan# 1974  
Delta R.T. 0.000 min  
Lab File: BG060173.D  
Acq: 26 Dec 2023 16:36

Tgt Ion:184 Resp: 384810  
Ion Ratio Lower Upper  
184 100  
63 52.7 43.1 64.7  
154 45.7 38.2 57.4

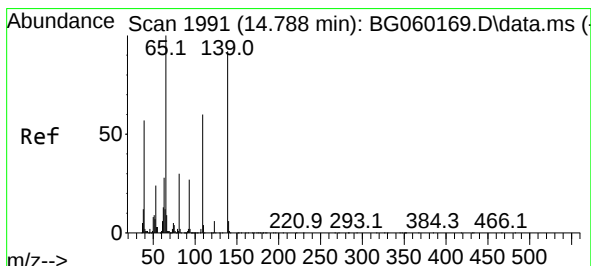
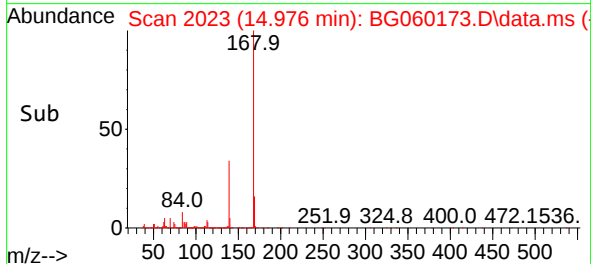
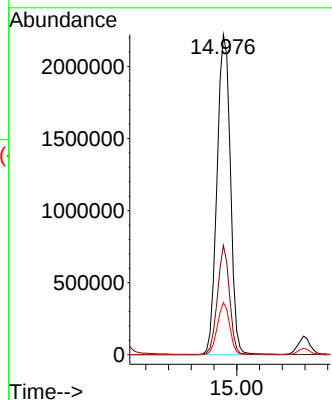
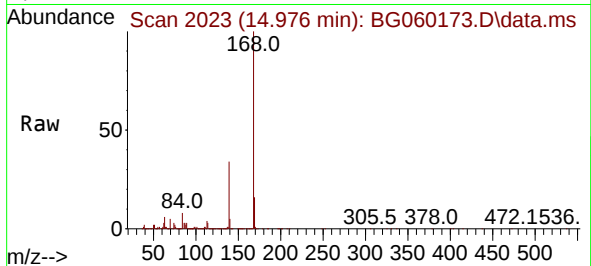




#55  
Dibenzofuran  
Concen: 40.302 ng  
RT: 14.976 min Scan# 20  
Delta R.T. 0.000 min  
Lab File: BG060173.D  
Acq: 26 Dec 2023 16:36

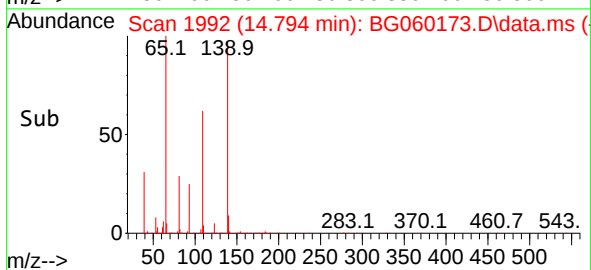
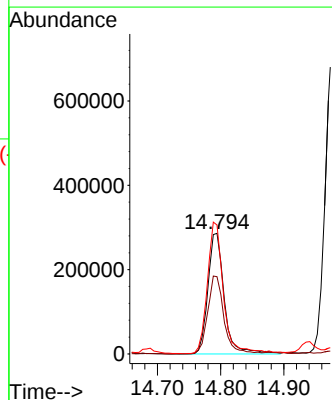
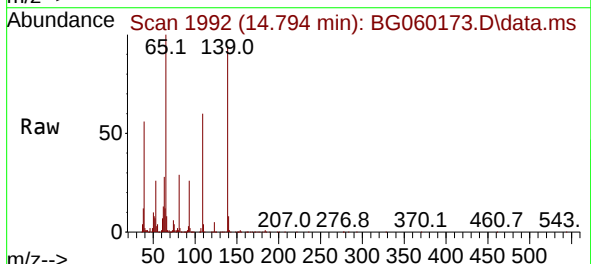
Instrument :  
BNA\_G  
ClientSampleId :  
ICVBG122623

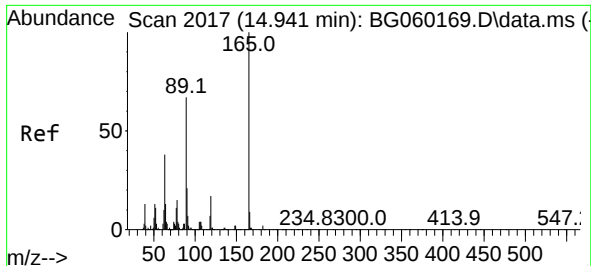
Tgt Ion:168 Resp: 3618305  
Ion Ratio Lower Upper  
168 100  
139 34.2 25.4 38.2  
169 16.3 12.3 18.5



#56  
4-Nitrophenol  
Concen: 43.061 ng  
RT: 14.794 min Scan# 1992  
Delta R.T. 0.006 min  
Lab File: BG060173.D  
Acq: 26 Dec 2023 16:36

Tgt Ion:139 Resp: 515797  
Ion Ratio Lower Upper  
139 100  
109 64.1 45.6 85.6  
65 106.9 89.6 129.6





#57

2,4-Dinitrotoluene

Concen: 42.524 ng

RT: 14.941 min Scan# 2017

Delta R.T. 0.000 min

Lab File: BG060173.D

Acq: 26 Dec 2023 16:36

Instrument :

BNA\_G

ClientSampleId :

ICVBG122623

Tgt Ion:165 Resp: 993015

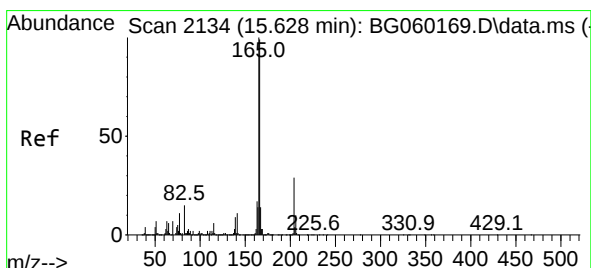
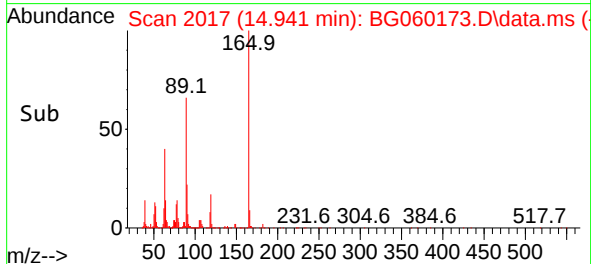
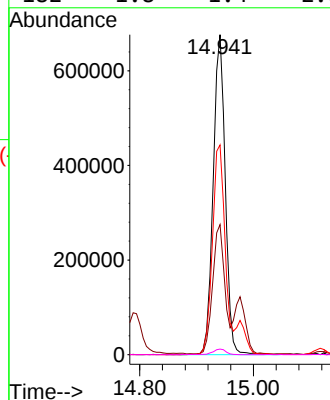
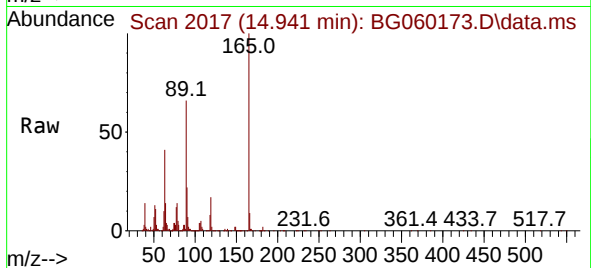
Ion Ratio Lower Upper

165 100

63 40.7 31.0 46.4

89 65.5 53.8 80.8

182 1.8 1.4 2.0



#58

Fluorene

Concen: 40.098 ng

RT: 15.629 min Scan# 2134

Delta R.T. 0.000 min

Lab File: BG060173.D

Acq: 26 Dec 2023 16:36

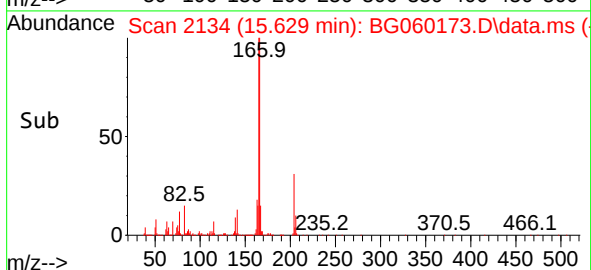
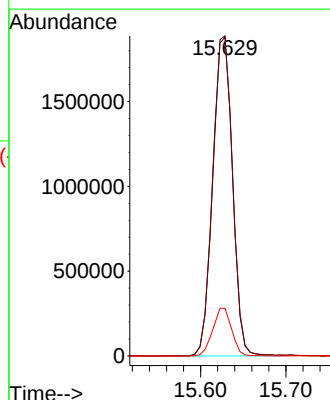
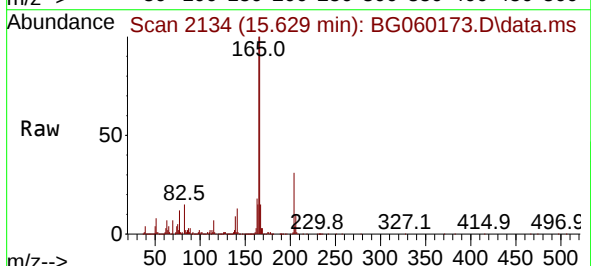
Tgt Ion:166 Resp: 3034135

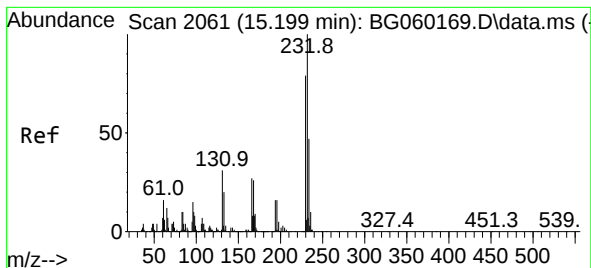
Ion Ratio Lower Upper

166 100

165 99.5 81.2 121.8

167 14.9 11.4 17.0

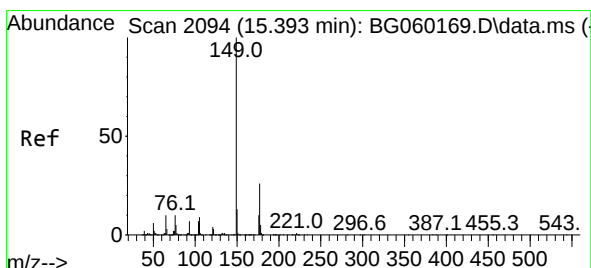
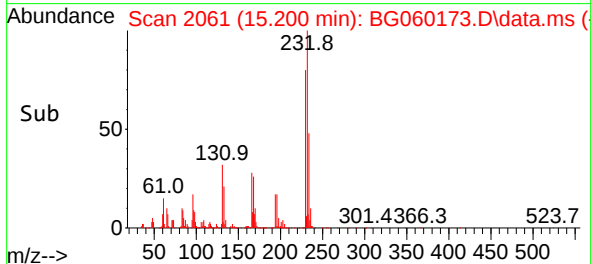
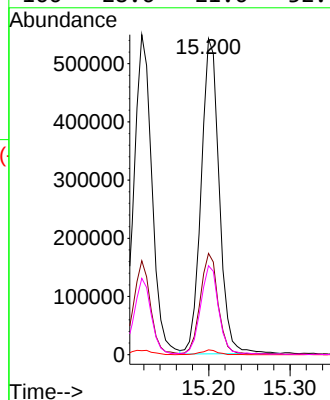
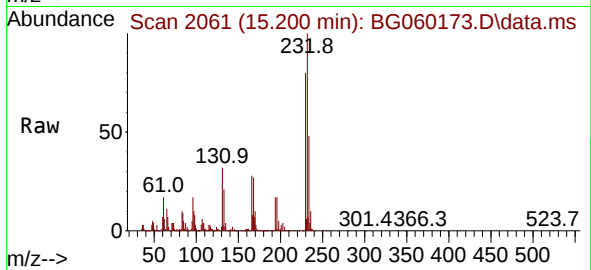




#59  
2,3,4,6-Tetrachlorophenol  
Concen: 42.143 ng  
RT: 15.200 min Scan# 2061  
Delta R.T. 0.000 min  
Lab File: BG060173.D  
Acq: 26 Dec 2023 16:36

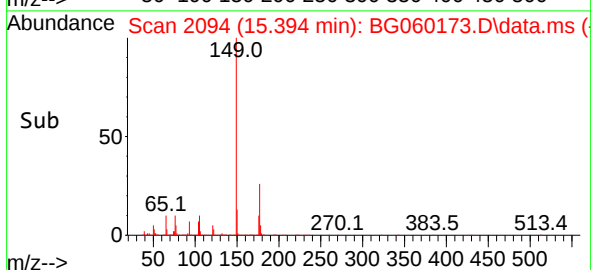
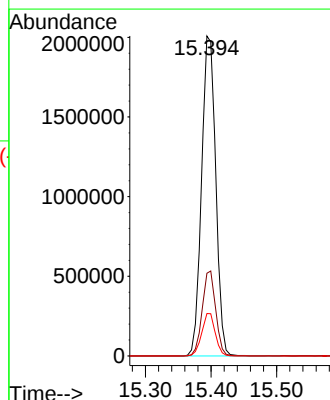
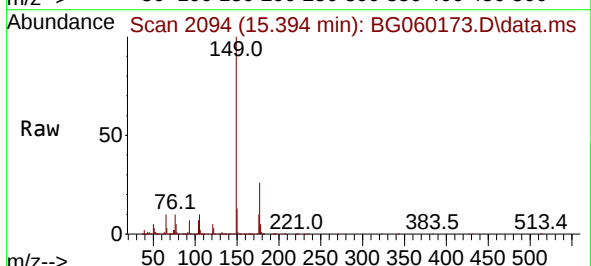
Instrument :  
BNA\_G  
ClientSampleId :  
ICVBG122623

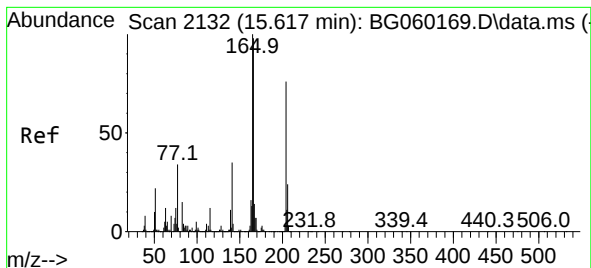
Tgt Ion:232 Resp: 835509  
Ion Ratio Lower Upper  
232 100  
131 31.3 25.5 38.3  
130 1.4 1.2 1.8  
166 28.6 21.6 32.4



#60  
Diethylphthalate  
Concen: 40.403 ng  
RT: 15.394 min Scan# 2094  
Delta R.T. 0.000 min  
Lab File: BG060173.D  
Acq: 26 Dec 2023 16:36

Tgt Ion:149 Resp: 3016547  
Ion Ratio Lower Upper  
149 100  
177 25.9 20.8 31.2  
150 13.2 10.3 15.5

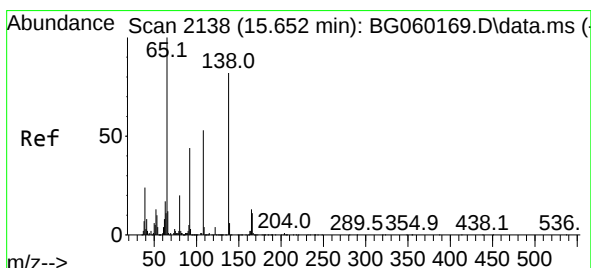
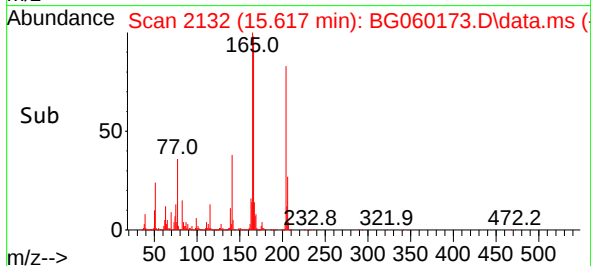
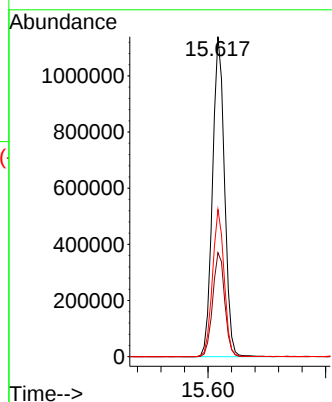
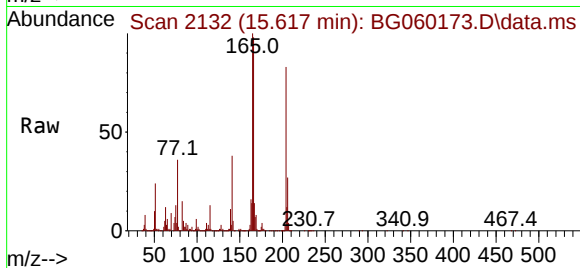




#61  
4-Chlorophenyl-phenylether  
Concen: 40.914 ng  
RT: 15.617 min Scan# 2132  
Delta R.T. 0.000 min  
Lab File: BG060173.D  
Acq: 26 Dec 2023 16:36

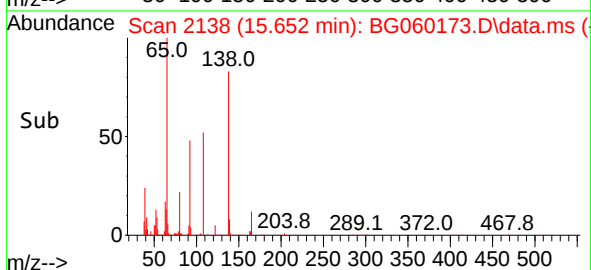
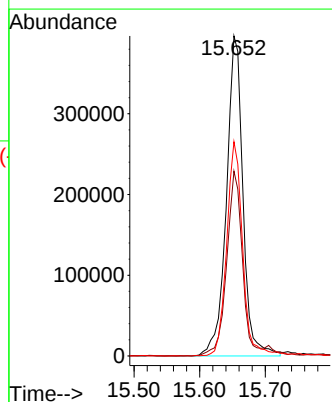
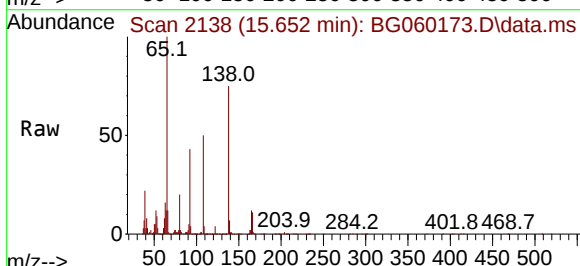
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BNA\_G  
ClientSampleId :  
ICVBG122623

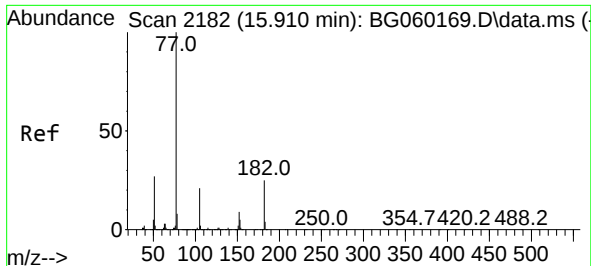
Tgt Ion:204 Resp: 1612471  
Ion Ratio Lower Upper  
204 100  
206 32.5 25.8 38.6  
141 46.0 36.4 54.6



#62  
4-Nitroaniline  
Concen: 40.819 ng  
RT: 15.652 min Scan# 2138  
Delta R.T. 0.000 min  
Lab File: BG060173.D  
Acq: 26 Dec 2023 16:36

Tgt Ion:138 Resp: 693843  
Ion Ratio Lower Upper  
138 100  
92 57.7 33.3 73.3  
108 67.0 44.7 84.7

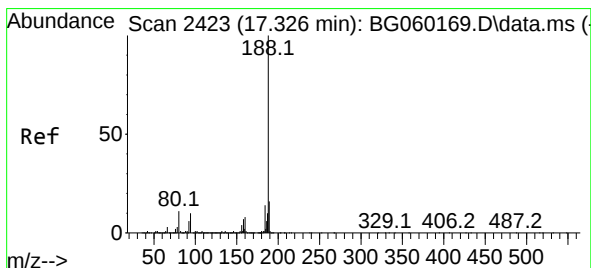
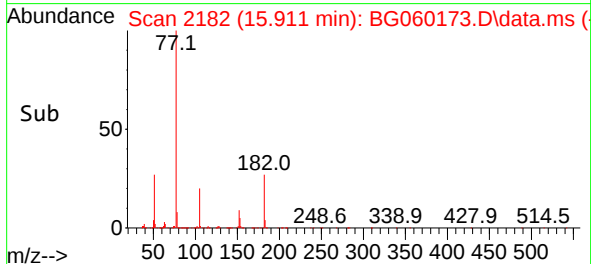
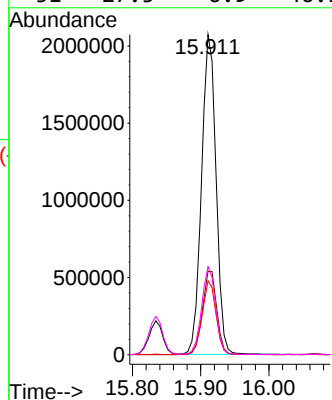
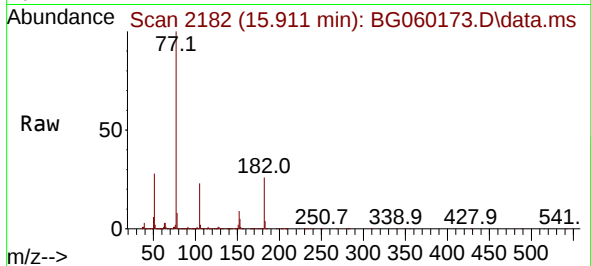




#63  
Azobenzene  
Concen: 40.427 ng  
RT: 15.911 min Scan# 2182  
Delta R.T. 0.000 min  
Lab File: BG060173.D  
Acq: 26 Dec 2023 16:36

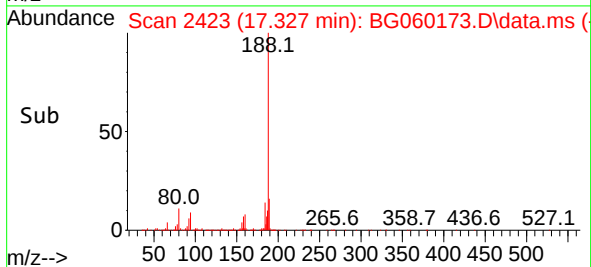
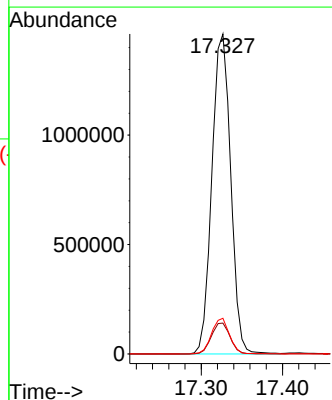
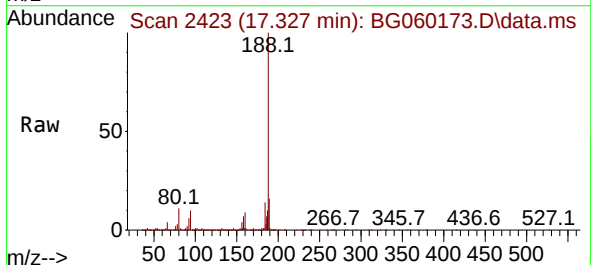
Instrument :  
BNA\_G  
ClientSampleId :  
ICVBG122623

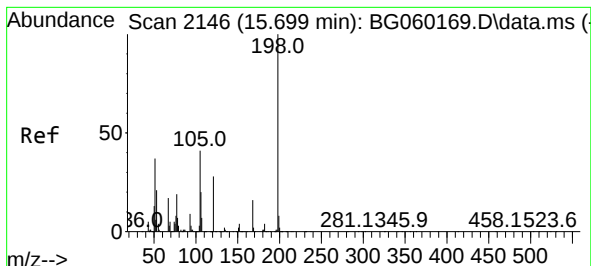
Tgt Ion: 77 Resp: 3066934  
Ion Ratio Lower Upper  
77 100  
182 26.1 4.6 44.6  
105 23.1 1.4 41.4  
51 27.5 6.9 46.9



#64  
Phenanthrene-d10  
Concen: 20.000 ng  
RT: 17.327 min Scan# 2423  
Delta R.T. 0.000 min  
Lab File: BG060173.D  
Acq: 26 Dec 2023 16:36

Tgt Ion:188 Resp: 2346816  
Ion Ratio Lower Upper  
188 100  
94 9.7 7.7 11.5  
80 11.1 8.6 12.8

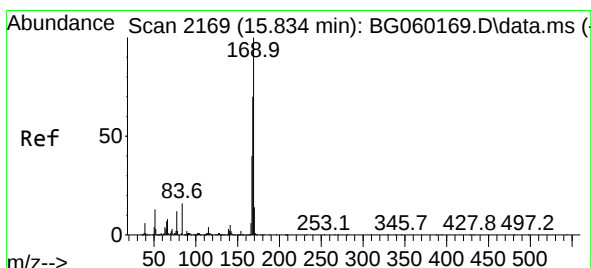
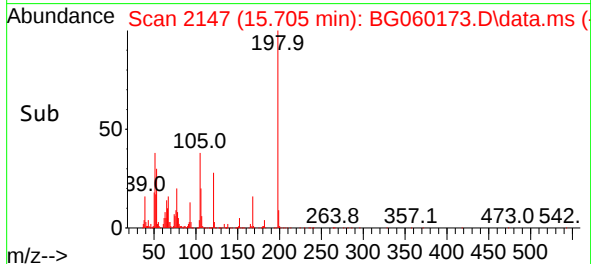
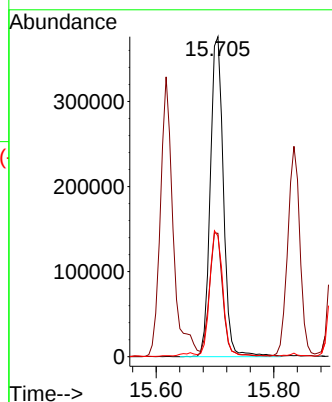
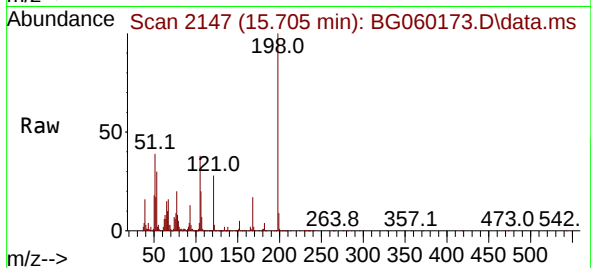




#65  
4,6-Dinitro-2-methylphenol  
Concen: 44.663 ng  
RT: 15.705 min Scan# 2146  
Delta R.T. 0.006 min  
Lab File: BG060173.D  
Acq: 26 Dec 2023 16:36

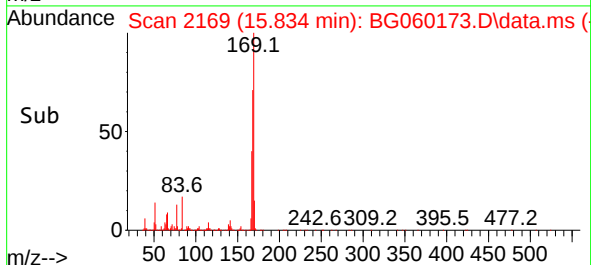
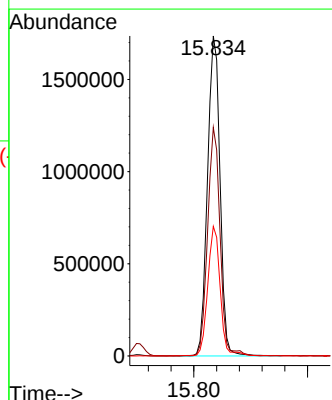
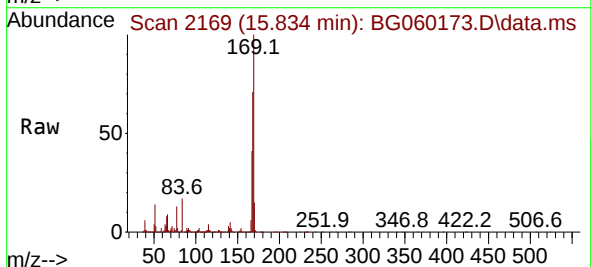
Instrument :  
BNA\_G  
ClientSampleId :  
ICVBG122623

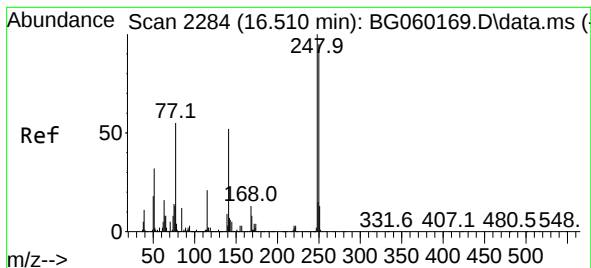
Tgt Ion:198 Resp: 582237  
Ion Ratio Lower Upper  
198 100  
51 38.6 22.9 62.9  
105 37.6 21.7 61.7



#66  
n-Nitrosodiphenylamine  
Concen: 41.357 ng  
RT: 15.834 min Scan# 2169  
Delta R.T. 0.000 min  
Lab File: BG060173.D  
Acq: 26 Dec 2023 16:36

Tgt Ion:169 Resp: 2640102  
Ion Ratio Lower Upper  
169 100  
168 71.4 55.7 83.5  
167 40.5 32.2 48.2

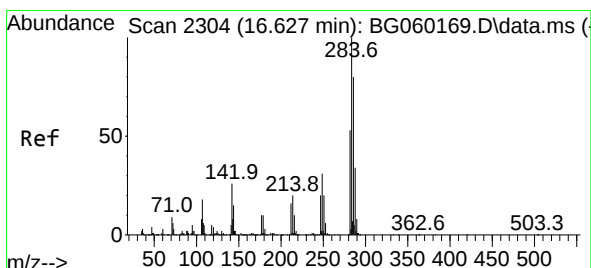
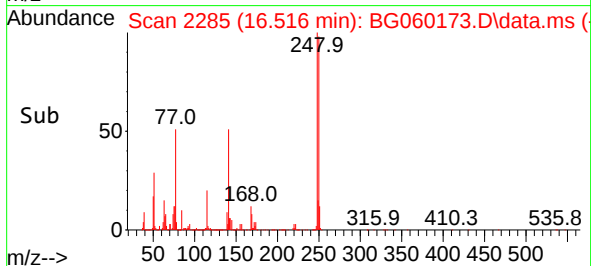
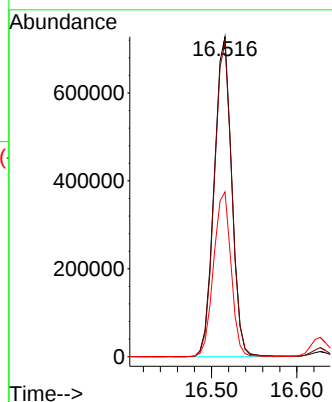
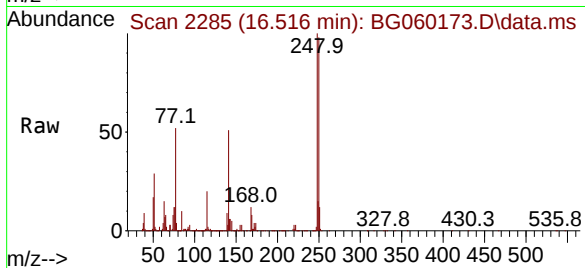




#67  
4-Bromophenyl-phenylether  
Concen: 41.805 ng  
RT: 16.516 min Scan# 21  
Delta R.T. 0.006 min  
Lab File: BG060173.D  
Acq: 26 Dec 2023 16:36

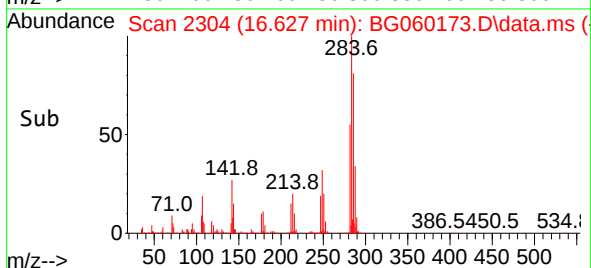
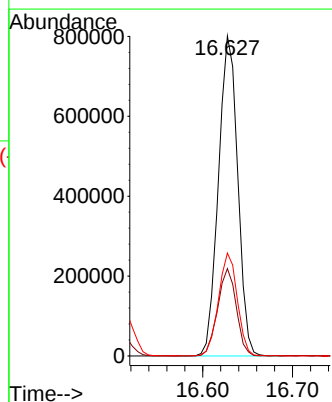
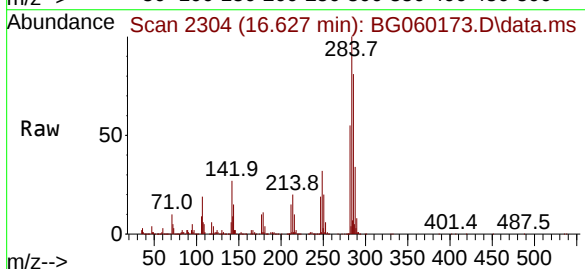
Instrument :  
BNA\_G  
ClientSampleId :  
ICVBG122623

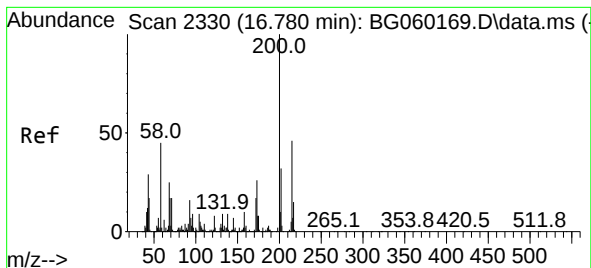
Tgt Ion:248 Resp: 1042097  
Ion Ratio Lower Upper  
248 100  
250 98.3 76.3 114.5  
141 51.5 41.4 62.2



#68  
Hexachlorobenzene  
Concen: 40.987 ng  
RT: 16.627 min Scan# 2304  
Delta R.T. 0.000 min  
Lab File: BG060173.D  
Acq: 26 Dec 2023 16:36

Tgt Ion:284 Resp: 1194831  
Ion Ratio Lower Upper  
284 100  
142 27.3 21.2 31.8  
249 32.1 24.8 37.2





#69

Atrazine

Concen: 35.524 ng

RT: 16.780 min Scan# 21

Delta R.T. 0.000 min

Lab File: BG060173.D

Acq: 26 Dec 2023 16:36

Instrument :

BNA\_G

ClientSampleId :

ICVBG122623

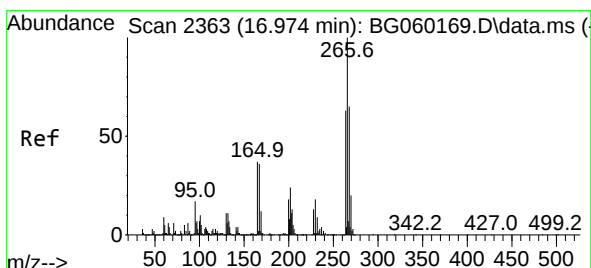
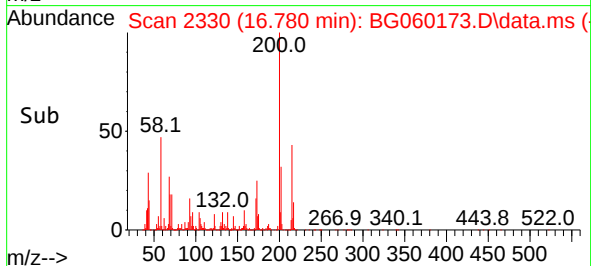
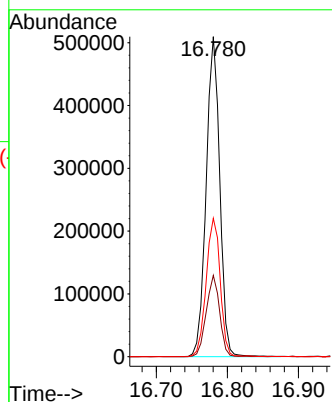
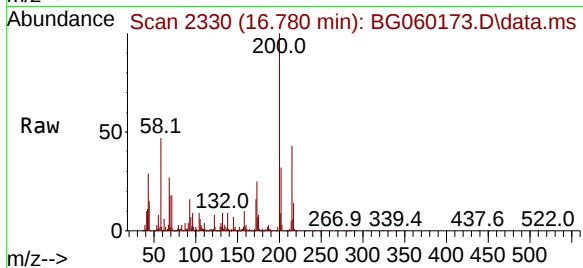
Tgt Ion:200 Resp: 677997

Ion Ratio Lower Upper

200 100

173 25.4 5.8 45.8

215 43.3 25.9 65.9



#70

Pentachlorophenol

Concen: 43.655 ng

RT: 16.974 min Scan# 2363

Delta R.T. 0.000 min

Lab File: BG060173.D

Acq: 26 Dec 2023 16:36

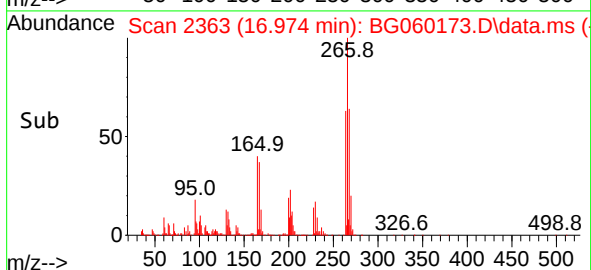
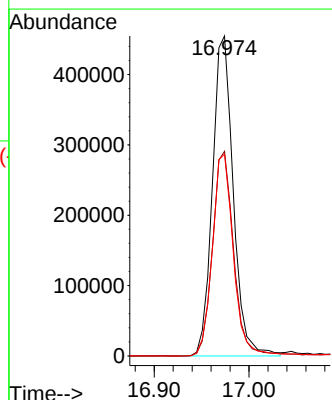
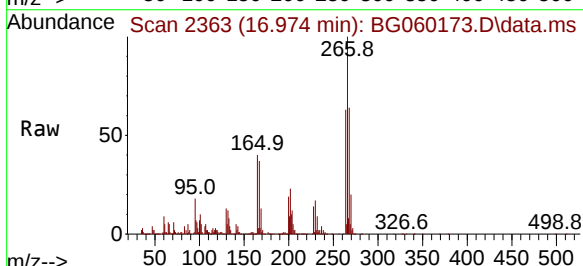
Tgt Ion:266 Resp: 692465

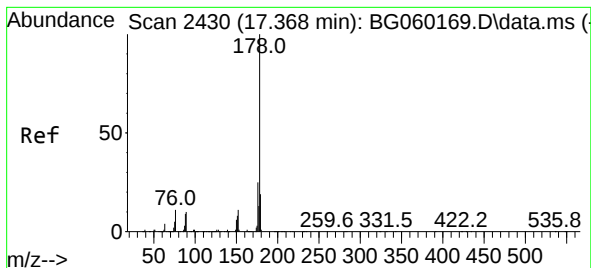
Ion Ratio Lower Upper

266 100

268 64.0 55.4 83.2

264 63.1 53.7 80.5





#71

Phenanthrene

Concen: 39.520 ng

RT: 17.368 min Scan# 2430

Delta R.T. 0.000 min

Lab File: BG060173.D

Acq: 26 Dec 2023 16:36

Instrument :

BNA\_G

ClientSampleId :

ICVBG122623

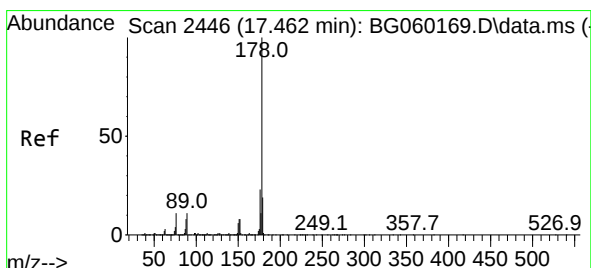
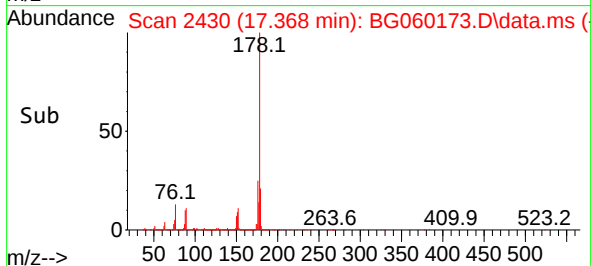
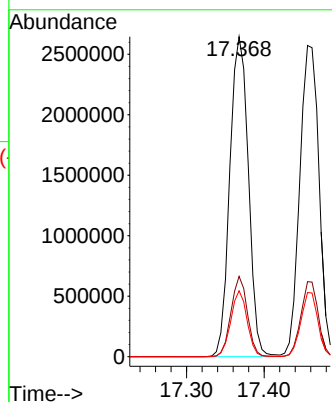
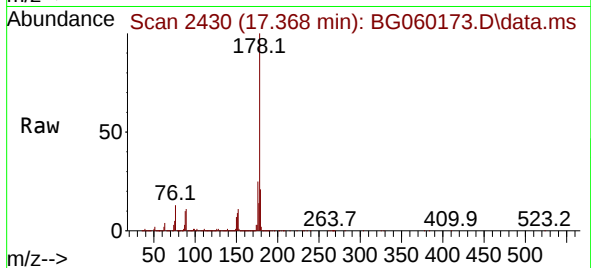
Tgt Ion:178 Resp: 4398925

Ion Ratio Lower Upper

178 100

176 25.1 19.7 29.5

179 20.6 15.4 23.2



#72

Anthracene

Concen: 39.977 ng

RT: 17.456 min Scan# 2445

Delta R.T. -0.006 min

Lab File: BG060173.D

Acq: 26 Dec 2023 16:36

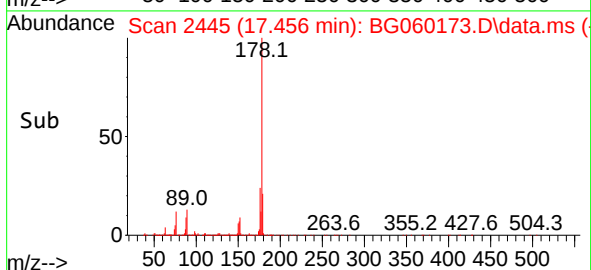
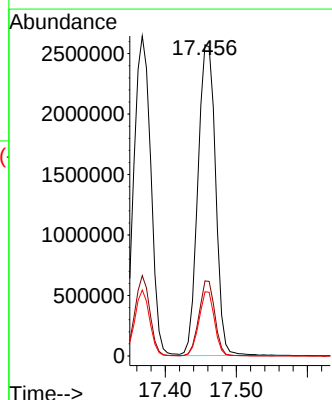
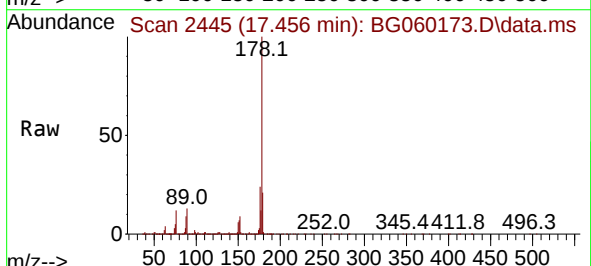
Tgt Ion:178 Resp: 4448016

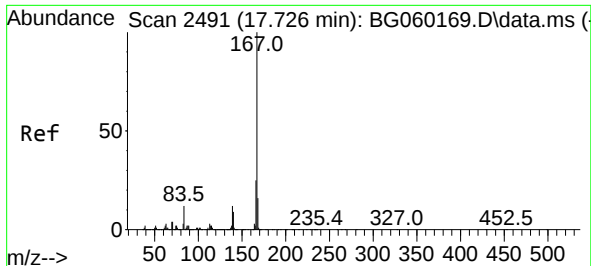
Ion Ratio Lower Upper

178 100

176 24.1 18.6 28.0

179 20.6 15.2 22.8

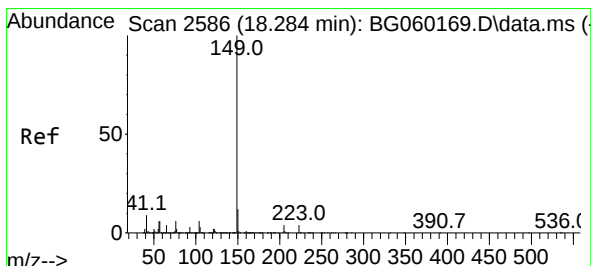
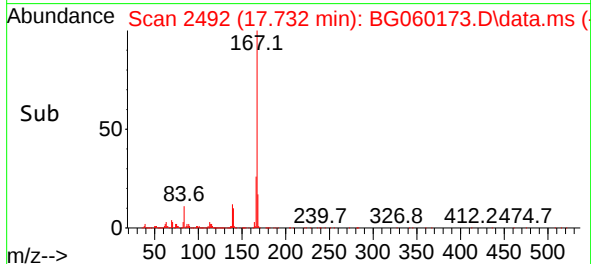
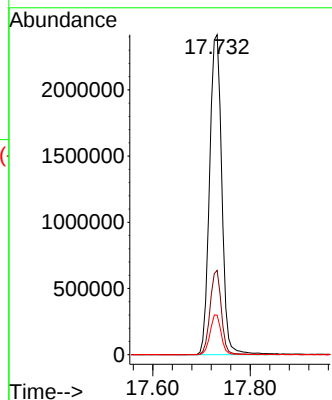
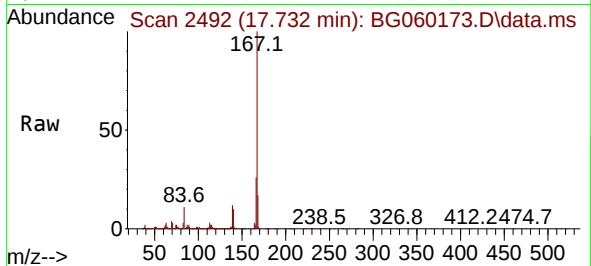




#73  
 Carbazole  
 Concen: 39.222 ng  
 RT: 17.732 min Scan# 2491  
 Delta R.T. 0.006 min  
 Lab File: BG060173.D  
 Acq: 26 Dec 2023 16:36

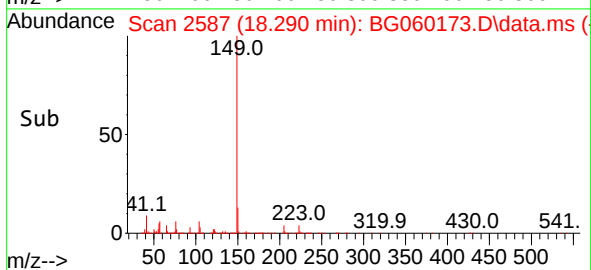
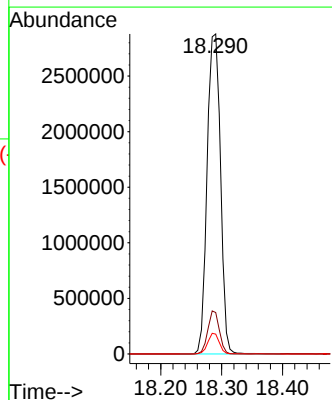
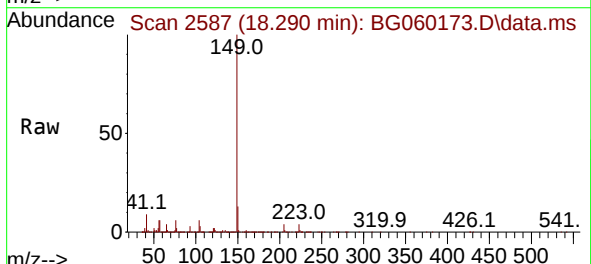
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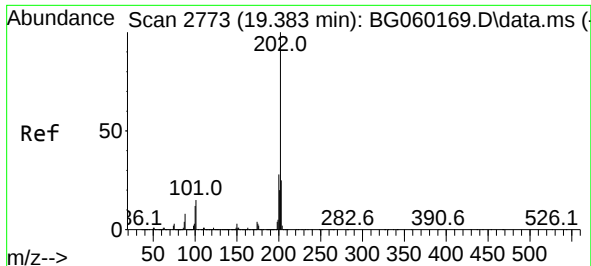
Tgt Ion:167 Resp: 4188326  
 Ion Ratio Lower Upper  
 167 100  
 166 26.3 19.8 29.6  
 139 12.4 9.6 14.4



#74  
 Di-n-butylphthalate  
 Concen: 38.912 ng  
 RT: 18.290 min Scan# 2587  
 Delta R.T. 0.006 min  
 Lab File: BG060173.D  
 Acq: 26 Dec 2023 16:36

Tgt Ion:149 Resp: 4382546  
 Ion Ratio Lower Upper  
 149 100  
 150 13.0 9.7 14.5  
 104 6.2 4.7 7.1

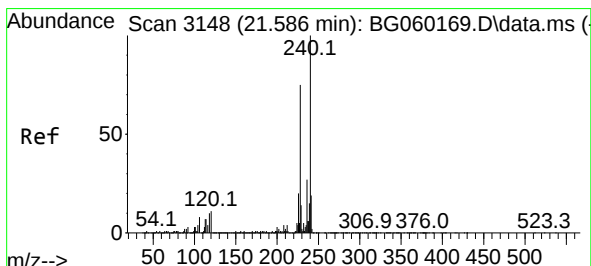
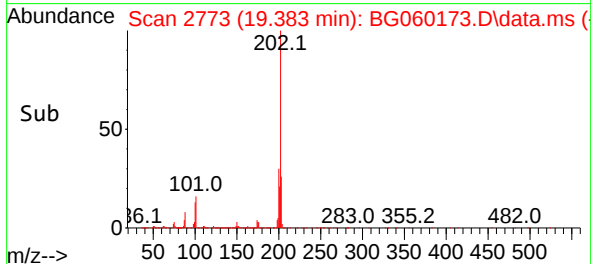
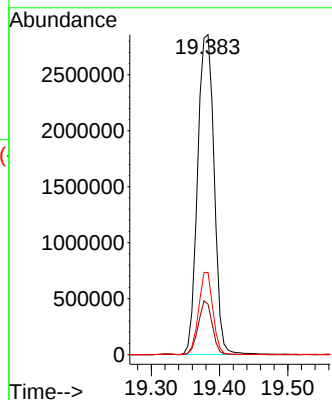
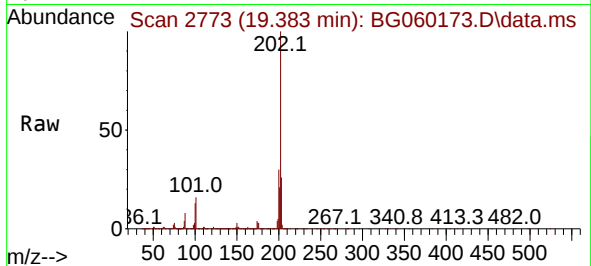




#75  
Fluoranthene  
Concen: 35.686 ng  
RT: 19.383 min Scan# 21  
Delta R.T. 0.000 min  
Lab File: BG060173.D  
Acq: 26 Dec 2023 16:36

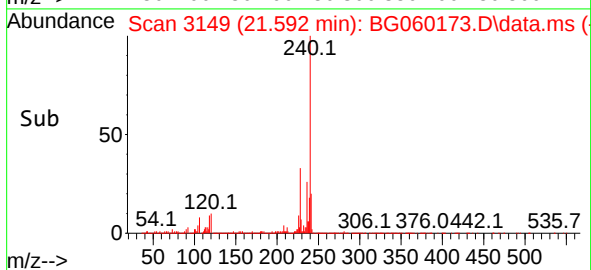
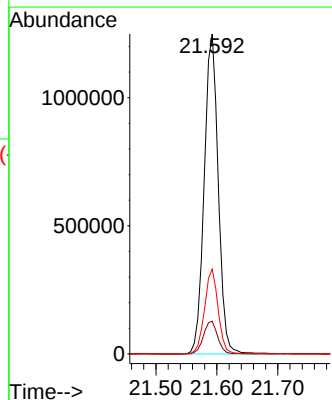
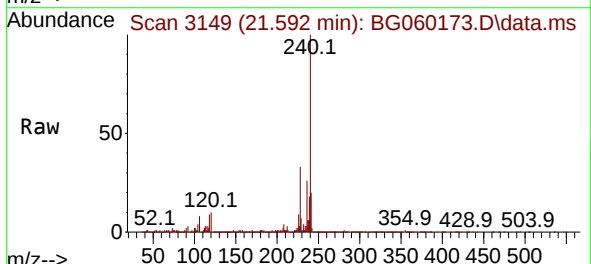
Instrument :  
BNA\_G  
ClientSampleId :  
ICVBG122623

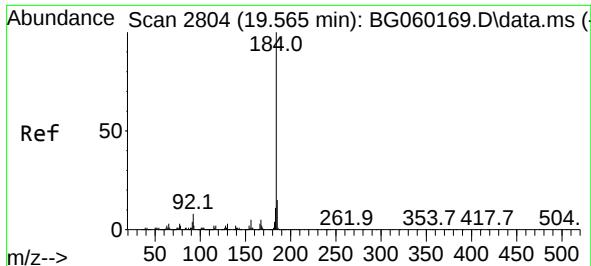
Tgt Ion:202 Resp: 4811118  
Ion Ratio Lower Upper  
202 100  
101 15.7 0.0 35.3  
203 25.7 4.6 44.6



#76  
Chrysene-d12  
Concen: 20.000 ng  
RT: 21.592 min Scan# 3149  
Delta R.T. 0.006 min  
Lab File: BG060173.D  
Acq: 26 Dec 2023 16:36

Tgt Ion:240 Resp: 1997726  
Ion Ratio Lower Upper  
240 100  
120 10.2 8.7 13.1  
236 26.5 21.3 31.9

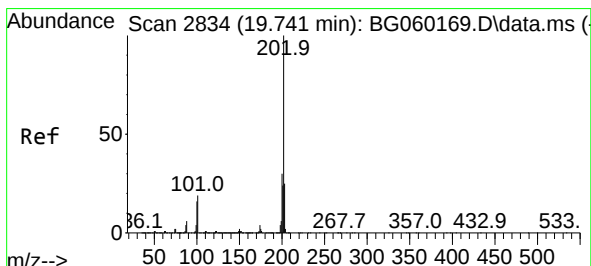
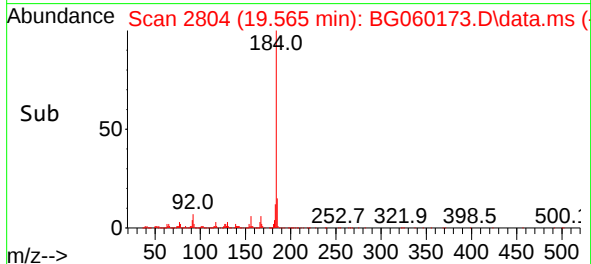
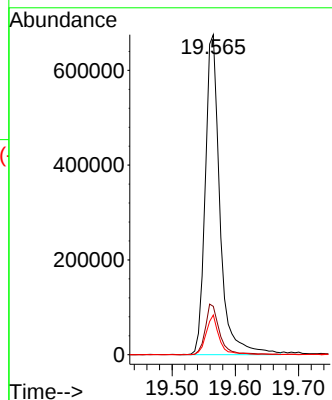
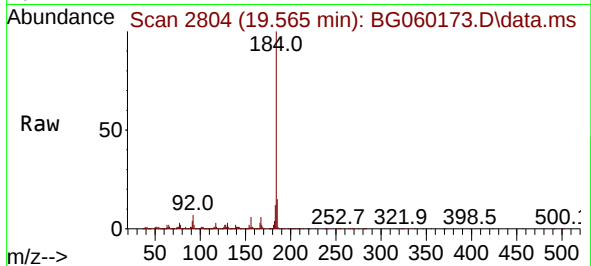




#77  
Benzidine  
Concen: 31.263 ng  
RT: 19.565 min Scan# 2804  
Delta R.T. 0.000 min  
Lab File: BG060173.D  
Acq: 26 Dec 2023 16:36

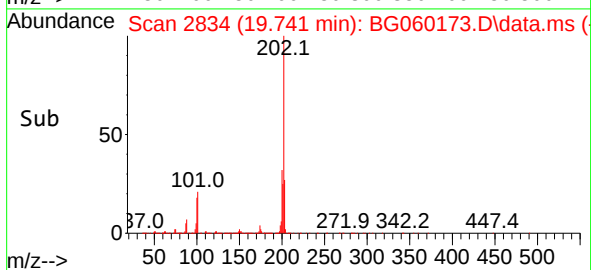
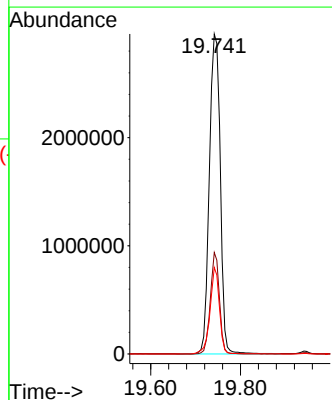
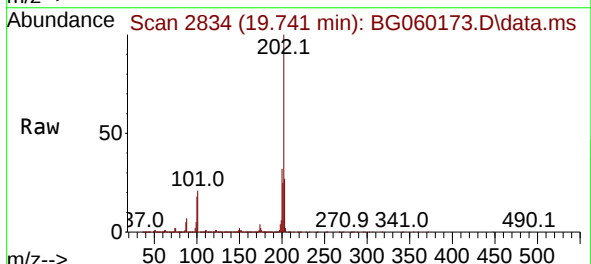
Instrument :  
BNA\_G  
ClientSampleId :  
ICVBG122623

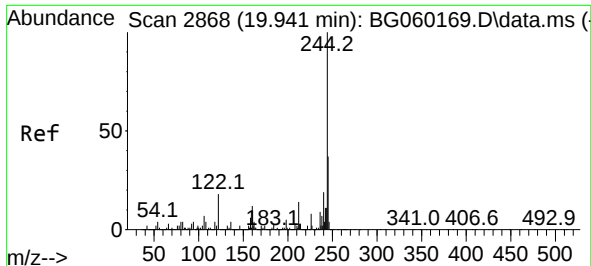
Tgt Ion:184 Resp: 1091404  
Ion Ratio Lower Upper  
184 100  
185 15.1 12.1 18.1  
183 12.4 8.6 13.0



#78  
Pyrene  
Concen: 38.470 ng  
RT: 19.741 min Scan# 2834  
Delta R.T. 0.000 min  
Lab File: BG060173.D  
Acq: 26 Dec 2023 16:36

Tgt Ion:202 Resp: 4979695  
Ion Ratio Lower Upper  
202 100  
200 31.7 23.9 35.9  
203 27.0 20.2 30.4

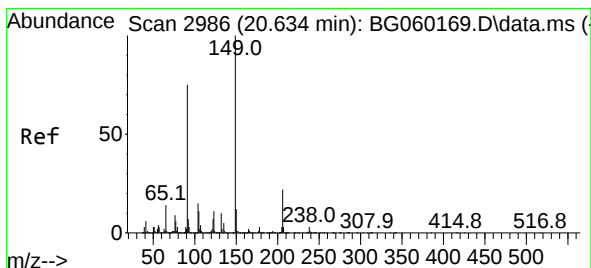
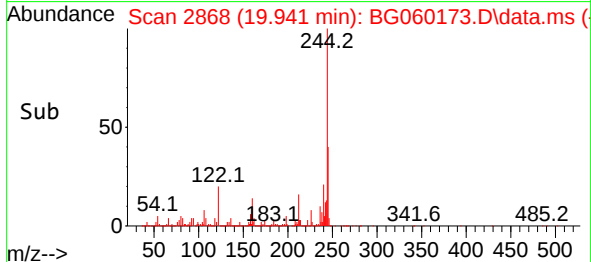
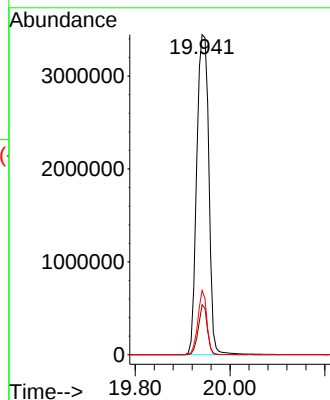
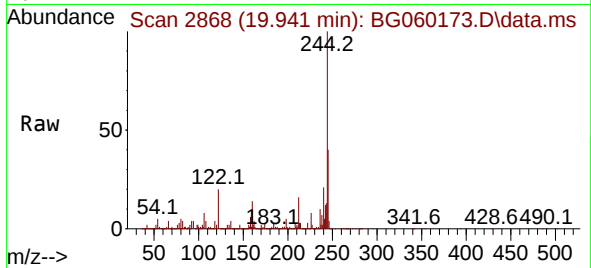




#79  
 Terphenyl-d14  
 Concen: 71.540 ng  
 RT: 19.941 min Scan# 2868  
 Delta R.T. 0.000 min  
 Lab File: BG060173.D  
 Acq: 26 Dec 2023 16:36

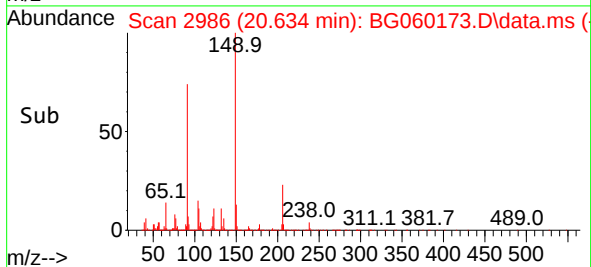
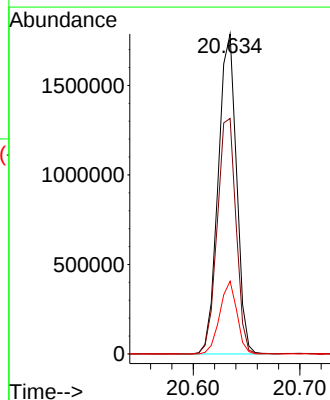
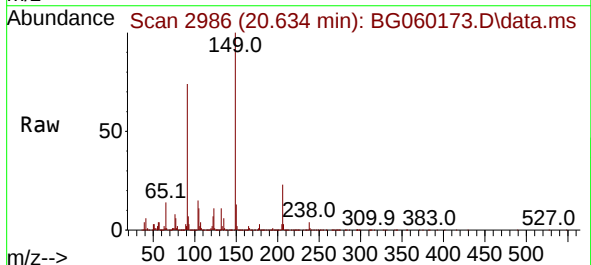
Instrument :  
 BNA\_G  
 ClientSampleId :  
 ICVBG122623

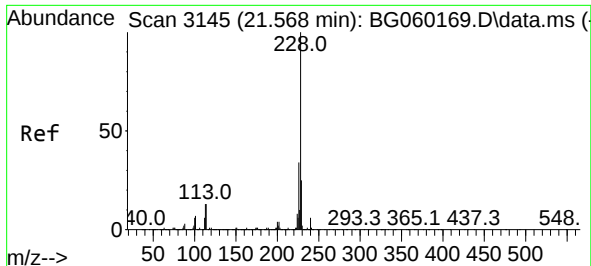
Tgt Ion:244 Resp: 6066094  
 Ion Ratio Lower Upper  
 244 100  
 212 15.6 11.3 16.9  
 122 20.1 14.6 21.8



#80  
 Butylbenzylphthalate  
 Concen: 43.165 ng  
 RT: 20.634 min Scan# 2986  
 Delta R.T. 0.000 min  
 Lab File: BG060173.D  
 Acq: 26 Dec 2023 16:36

Tgt Ion:149 Resp: 2131017  
 Ion Ratio Lower Upper  
 149 100  
 91 73.6 60.0 90.0  
 206 22.7 17.4 26.2

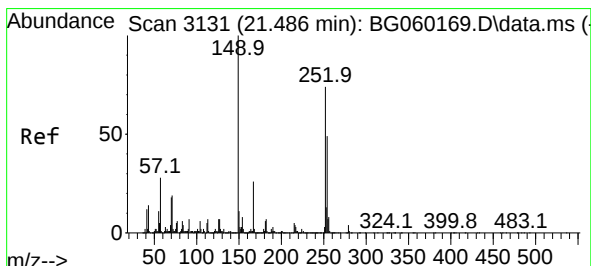
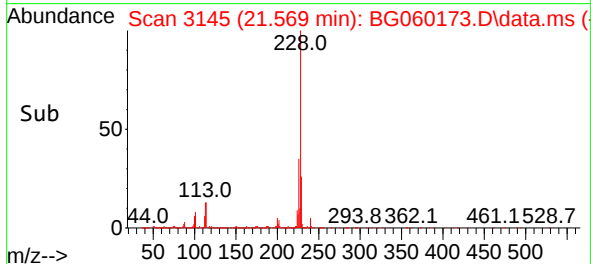
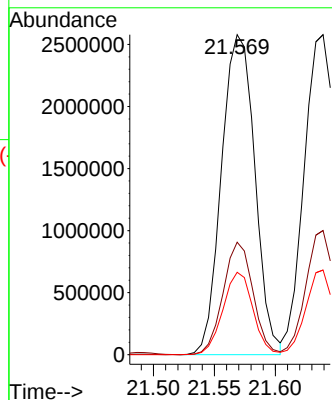
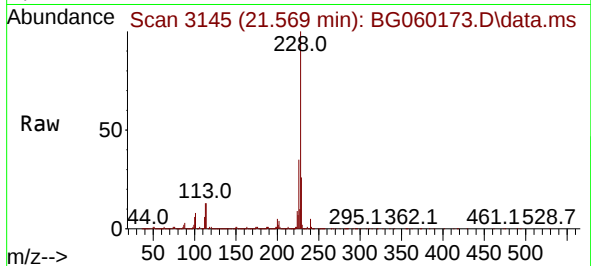




#81  
Benzo(a)anthracene  
Concen: 40.055 ng  
RT: 21.569 min Scan# 3145  
Delta R.T. 0.000 min  
Lab File: BG060173.D  
Acq: 26 Dec 2023 16:36

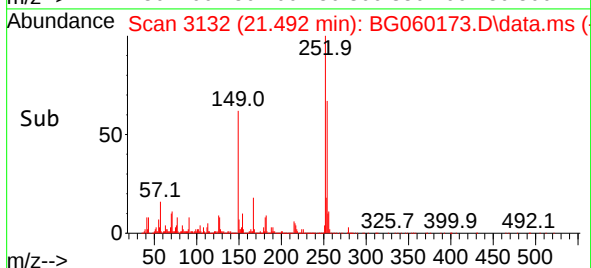
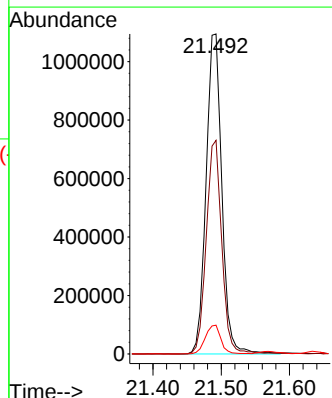
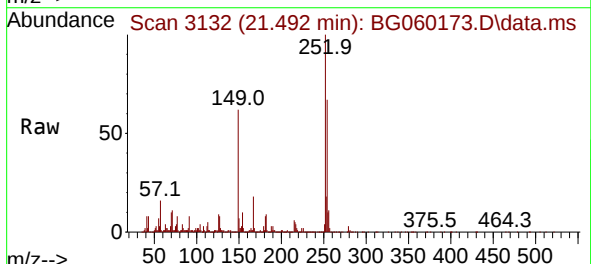
Instrument :  
BNA\_G  
ClientSampleId :  
ICVBG122623

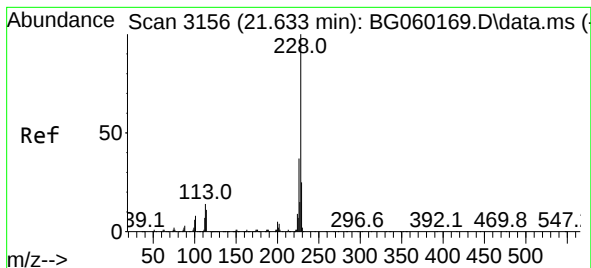
Tgt Ion:228 Resp: 4923700  
Ion Ratio Lower Upper  
228 100  
226 35.2 27.0 40.4  
229 25.7 19.8 29.8



#82  
3,3'-Dichlorobenzidine  
Concen: 40.534 ng  
RT: 21.492 min Scan# 3132  
Delta R.T. 0.006 min  
Lab File: BG060173.D  
Acq: 26 Dec 2023 16:36

Tgt Ion:252 Resp: 1755465  
Ion Ratio Lower Upper  
252 100  
254 66.8 53.0 79.6  
126 9.0 7.5 11.3





#83

Chrysene

Concen: 40.169 ng

RT: 21.639 min Scan# 3156

Delta R.T. 0.006 min

Lab File: BG060173.D

Acq: 26 Dec 2023 16:36

Instrument :

BNA\_G

ClientSampleId :

ICVBG122623

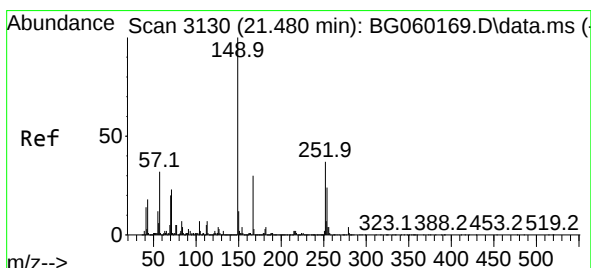
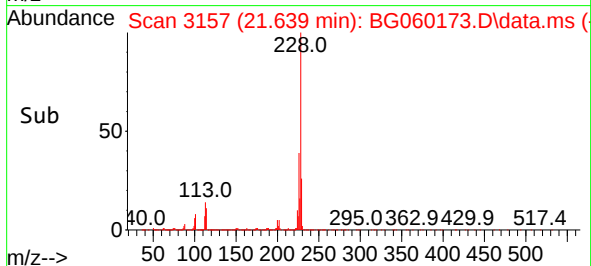
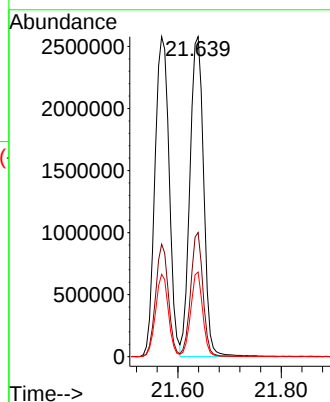
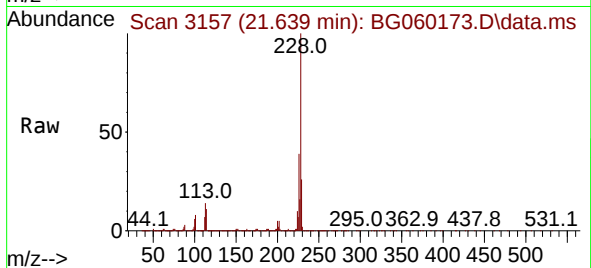
Tgt Ion:228 Resp: 4730918

Ion Ratio Lower Upper

228 100

226 38.8 29.6 44.4

229 26.5 19.5 29.3



#84

Bis(2-ethylhexyl)phthalate

Concen: 42.241 ng

RT: 21.481 min Scan# 3130

Delta R.T. 0.000 min

Lab File: BG060173.D

Acq: 26 Dec 2023 16:36

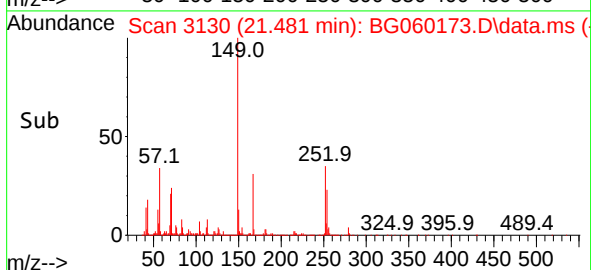
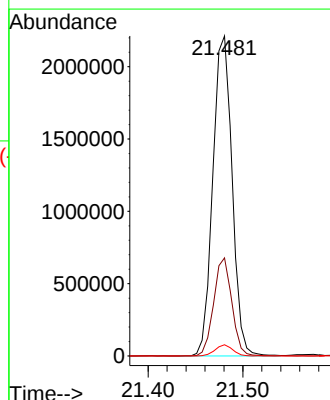
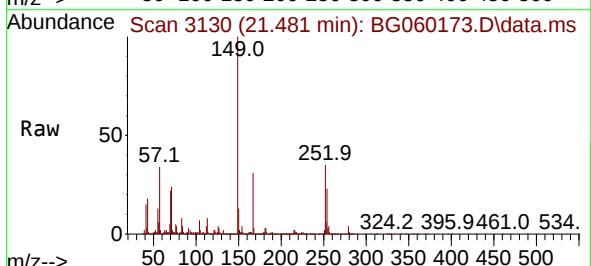
Tgt Ion:149 Resp: 3118161

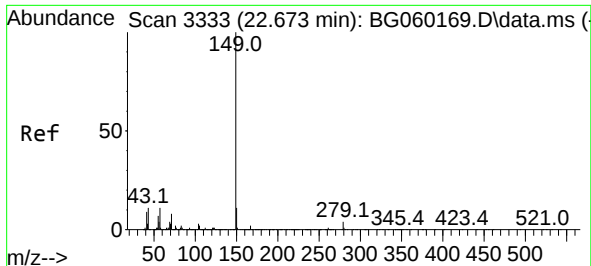
Ion Ratio Lower Upper

149 100

167 30.7 23.7 35.5

279 3.5 2.8 4.2

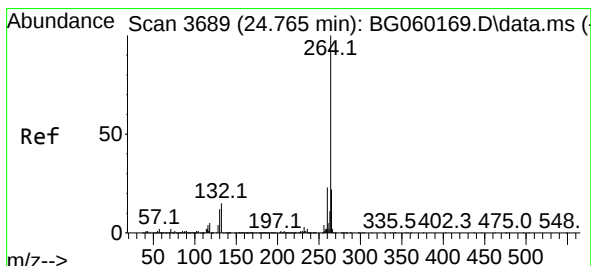
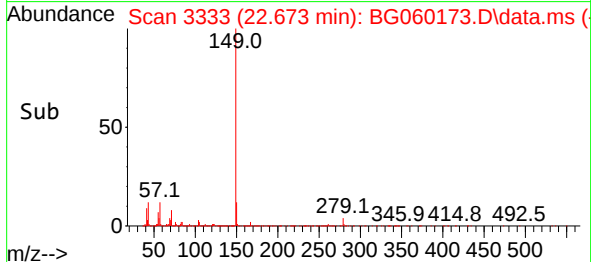
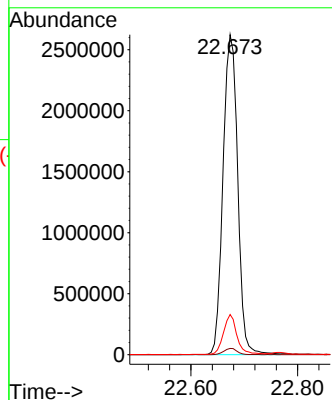
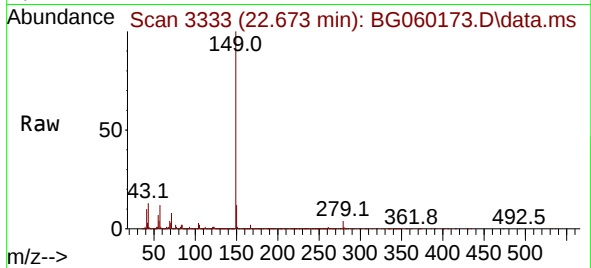




#85  
Di-n-octyl phthalate  
Concen: 41.443 ng  
RT: 22.673 min Scan# 31  
Delta R.T. 0.000 min  
Lab File: BG060173.D  
Acq: 26 Dec 2023 16:36

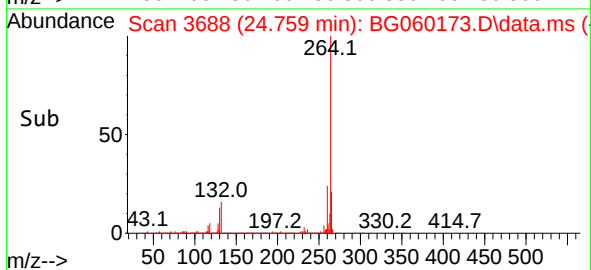
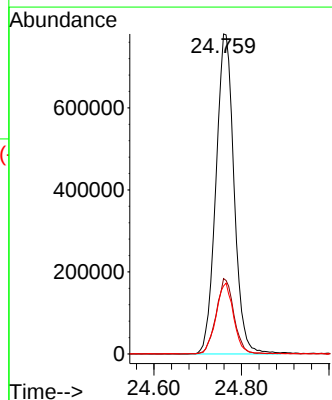
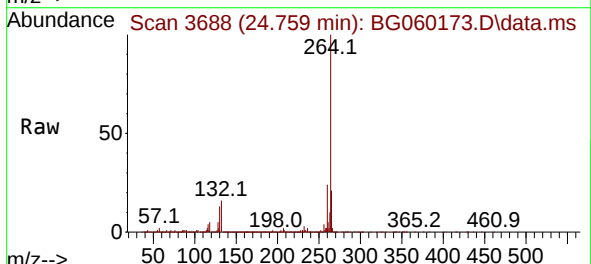
Instrument :  
BNA\_G  
ClientSampleId :  
ICVBG122623

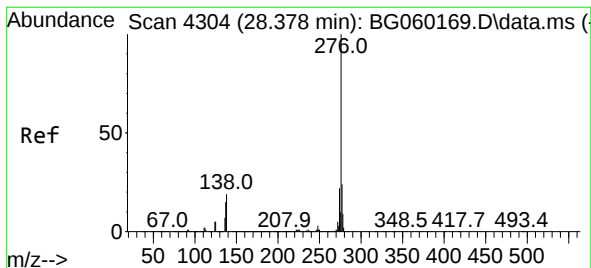
Tgt Ion:149 Resp: 5006588  
Ion Ratio Lower Upper  
149 100  
167 1.8 1.4 2.0  
43 11.4 8.9 13.3



#86  
Perylene-d12  
Concen: 20.000 ng  
RT: 24.759 min Scan# 3688  
Delta R.T. -0.006 min  
Lab File: BG060173.D  
Acq: 26 Dec 2023 16:36

Tgt Ion:264 Resp: 2237790  
Ion Ratio Lower Upper  
264 100  
260 23.6 18.0 27.0  
265 21.3 17.3 25.9





#87

Indeno(1,2,3-cd)pyrene

Concen: 41.436 ng

RT: 28.390 min Scan# 41

Delta R.T. 0.012 min

Lab File: BG060173.D

Acq: 26 Dec 2023 16:36

Instrument :

BNA\_G

ClientSampleId :

ICVBG122623

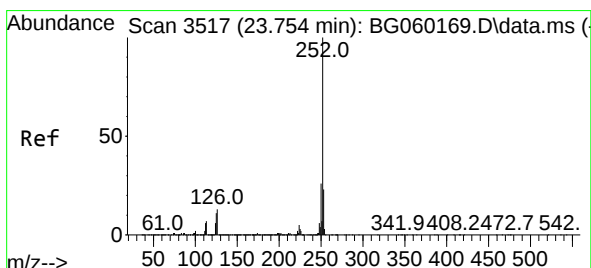
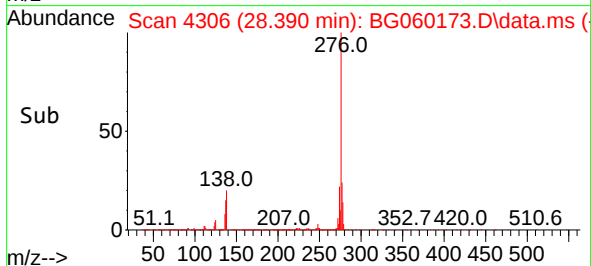
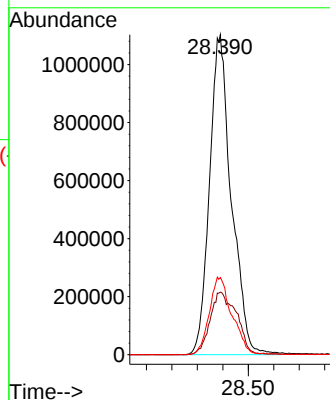
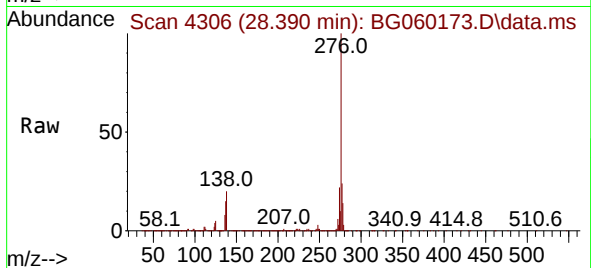
Tgt Ion:276 Resp: 6570311

Ion Ratio Lower Upper

276 100

138 23.7 19.0 28.6

277 25.1 20.2 30.2



#88

Benzo(b)fluoranthene

Concen: 40.836 ng

RT: 23.754 min Scan# 3517

Delta R.T. 0.000 min

Lab File: BG060173.D

Acq: 26 Dec 2023 16:36

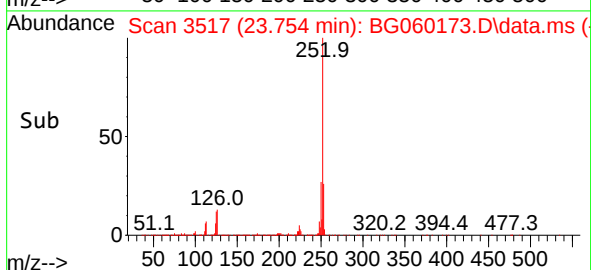
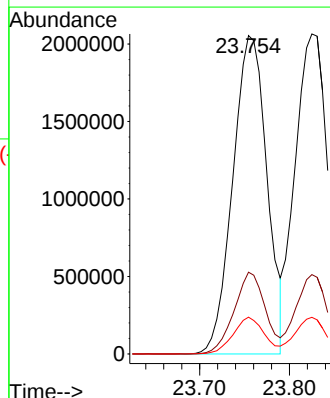
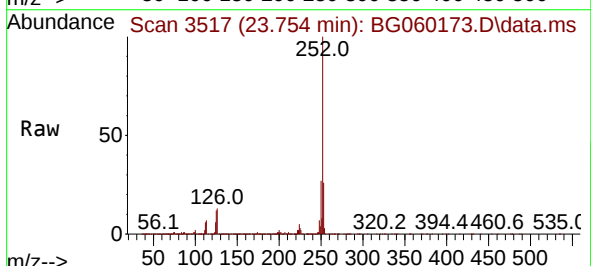
Tgt Ion:252 Resp: 5426283

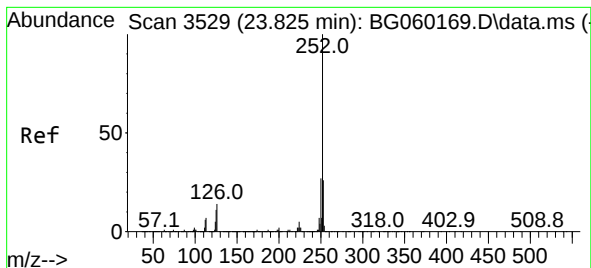
Ion Ratio Lower Upper

252 100

253 25.7 18.7 28.1

125 11.6 8.9 13.3





#89

Benzo(k)fluoranthene

Concen: 40.049 ng

RT: 23.825 min Scan# 3

Delta R.T. 0.000 min

Lab File: BG060173.D

Acq: 26 Dec 2023 16:36

Instrument :

BNA\_G

ClientSampleId :

ICVBG122623

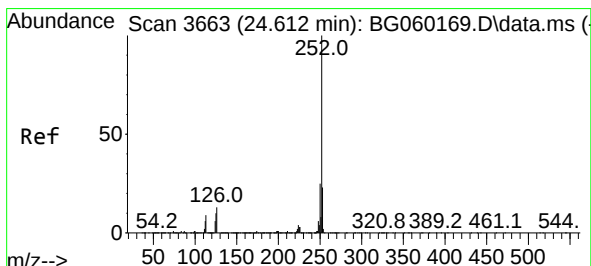
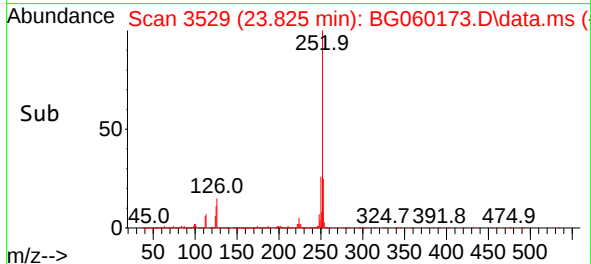
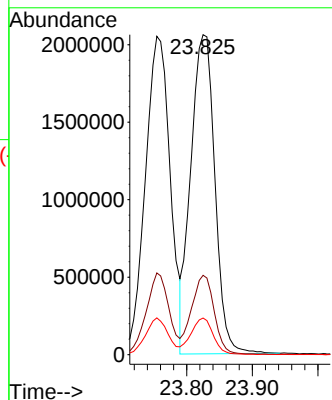
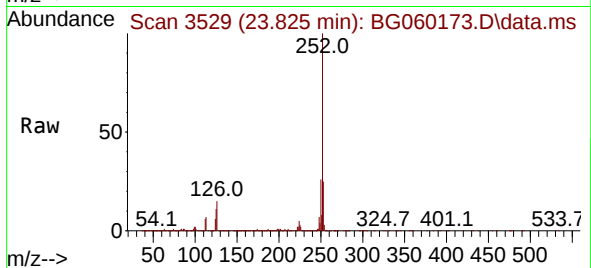
Tgt Ion:252 Resp: 5268200

Ion Ratio Lower Upper

252 100

253 24.8 19.8 29.6

125 11.5 8.5 12.7



#90

Benzo(a)pyrene

Concen: 40.633 ng

RT: 24.618 min Scan# 3664

Delta R.T. 0.006 min

Lab File: BG060173.D

Acq: 26 Dec 2023 16:36

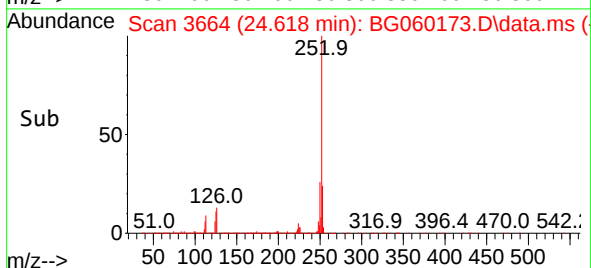
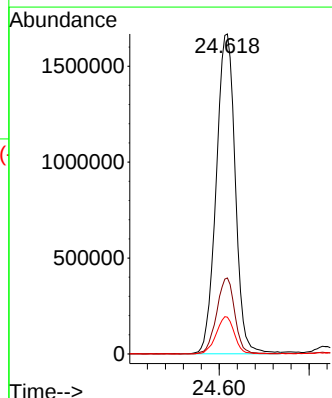
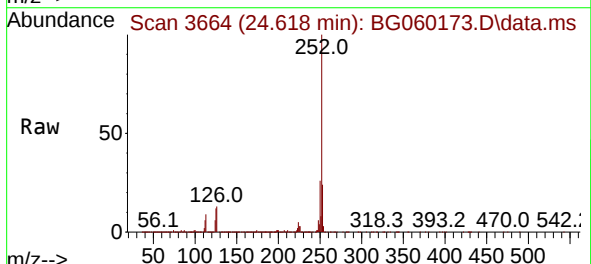
Tgt Ion:252 Resp: 4909948

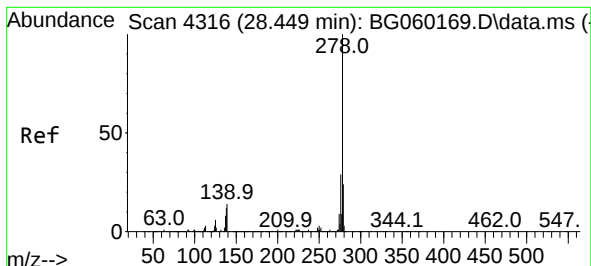
Ion Ratio Lower Upper

252 100

253 23.8 18.4 27.6

125 11.5 8.2 12.4





#91

Dibenzo(a,h)anthracene

Concen: 41.283 ng

RT: 28.455 min Scan# 41

Delta R.T. 0.006 min

Lab File: BG060173.D

Acq: 26 Dec 2023 16:36

Instrument :

BNA\_G

ClientSampleId :

ICVBG122623

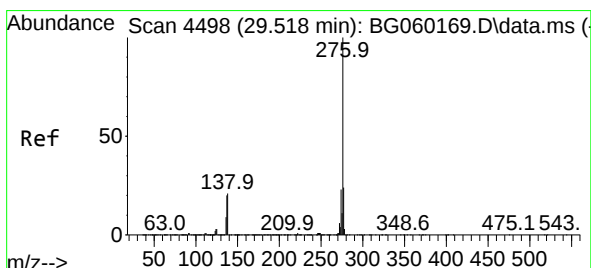
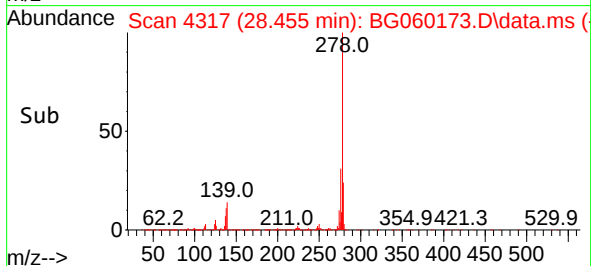
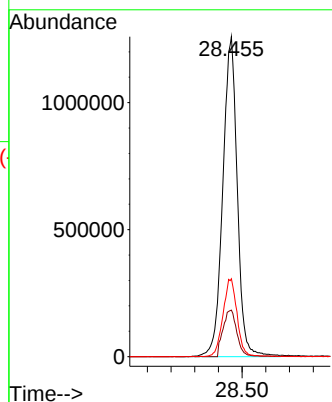
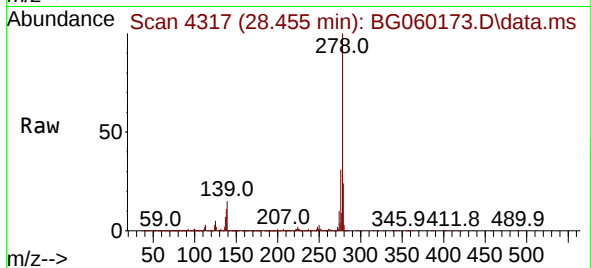
Tgt Ion:278 Resp: 5350704

Ion Ratio Lower Upper

278 100

139 14.5 11.4 17.0

279 24.3 19.5 29.3



#92

Benzo(g,h,i)perylene

Concen: 40.845 ng

RT: 29.524 min Scan# 4499

Delta R.T. 0.006 min

Lab File: BG060173.D

Acq: 26 Dec 2023 16:36

Tgt Ion:276 Resp: 5376580

Ion Ratio Lower Upper

276 100

277 24.9 19.1 28.7

138 20.7 16.6 24.8

