

Data Path : Z:\svoasrv\HPCHEM1\BNA\_G\Data\BG041924\  
 Data File : BG060955.D  
 Acq On : 19 Apr 2024 11:24  
 Operator : MA/JU  
 Sample : SSTDCCC040  
 Misc :  
 ALS Vial : 2 Sample Multiplier: 1

Instrument :  
 BNA\_G  
 ClientSampleId :  
 SSTDCCC040

Quant Time: Apr 19 12:07:51 2024  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_G\Methods\8270-BG041724.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Thu Apr 18 02:02:19 2024  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc   | Units | Dev(Min) |
|-------------------------------|--------|------|----------|--------|-------|----------|
| -----                         |        |      |          |        |       |          |
| Internal Standards            |        |      |          |        |       |          |
| 1) 1,4-Dichlorobenzene-d4     | 7.938  | 152  | 25890    | 20.000 | ng    | 0.00     |
| 21) Naphthalene-d8            | 10.735 | 136  | 101682   | 20.000 | ng    | # 0.00   |
| 39) Acenaphthene-d10          | 14.571 | 164  | 86076    | 20.000 | ng    | 0.00     |
| 64) Phenanthrene-d10          | 17.315 | 188  | 215327   | 20.000 | ng    | # 0.00   |
| 76) Chrysene-d12              | 21.581 | 240  | 207391   | 20.000 | ng    | # 0.00   |
| 86) Perylene-d12              | 24.701 | 264  | 247976   | 20.000 | ng    | 0.00     |
| System Monitoring Compounds   |        |      |          |        |       |          |
| 5) 2-Fluorophenol             | 5.523  | 112  | 109190   | 73.256 | ng    | 0.00     |
| 7) Phenol-d6                  | 7.104  | 99   | 150750   | 70.207 | ng    | 0.00     |
| 23) Nitrobenzene-d5           | 9.095  | 82   | 178429   | 79.663 | ng    | 0.00     |
| 42) 2,4,6-Tribromophenol      | 16.064 | 330  | 131120   | 92.208 | ng    | 0.00     |
| 45) 2-Fluorobiphenyl          | 13.197 | 172  | 479658   | 81.774 | ng    | 0.00     |
| 79) Terphenyl-d14             | 19.942 | 244  | 1014807  | 85.398 | ng    | 0.00     |
| Target Compounds              |        |      |          |        |       |          |
|                               |        |      |          |        |       | Qvalue   |
| 2) 1,4-Dioxane                | 3.449  | 88   | 22756    | 37.767 | ng    | 95       |
| 3) Pyridine                   | 3.837  | 79   | 58182    | 30.350 | ng    | 95       |
| 4) n-Nitrosodimethylamine     | 3.749  | 42   | 48950    | 40.014 | ng    | # 78     |
| 6) Aniline                    | 7.262  | 93   | 88661    | 33.890 | ng    | 96       |
| 8) 2-Chlorophenol             | 7.503  | 128  | 62550    | 36.888 | ng    | 99       |
| 9) Benzaldehyde               | 7.074  | 77   | 40026    | 34.710 | ng    | 91       |
| 10) Phenol                    | 7.133  | 94   | 75853    | 35.248 | ng    | 84       |
| 11) bis(2-Chloroethyl)ether   | 7.362  | 93   | 53606    | 32.115 | ng    | 99       |
| 12) 1,3-Dichlorobenzene       | 7.826  | 146  | 69531    | 38.592 | ng    | 95       |
| 13) 1,4-Dichlorobenzene       | 7.973  | 146  | 70780    | 38.375 | ng    | 95       |
| 14) 1,2-Dichlorobenzene       | 8.290  | 146  | 67859    | 37.835 | ng    | 97       |
| 15) Benzyl Alcohol            | 8.173  | 79   | 68779    | 37.236 | ng    | 96       |
| 16) 2,2'-oxybis(1-Chloropr... | 8.473  | 45   | 133863   | 33.184 | ng    | 96       |
| 17) 2-Methylphenol            | 8.379  | 107  | 60684    | 35.690 | ng    | 96       |
| 18) Hexachloroethane          | 9.019  | 117  | 25279    | 38.597 | ng    | 96       |
| 19) n-Nitroso-di-n-propyla... | 8.743  | 70   | 56149    | 34.331 | ng    | 93       |
| 20) 3+4-Methylphenols         | 8.708  | 107  | 82735    | 35.074 | ng    | 95       |
| 22) Acetophenone              | 8.755  | 105  | 107589   | 37.155 | ng    | 94       |
| 24) Nitrobenzene              | 9.137  | 77   | 84434    | 38.411 | ng    | 98       |
| 25) Isophorone                | 9.659  | 82   | 147443   | 35.672 | ng    | # 95     |
| 26) 2-Nitrophenol             | 9.847  | 139  | 39167    | 42.413 | ng    | # 90     |
| 27) 2,4-Dimethylphenol        | 9.912  | 122  | 62939    | 38.683 | ng    | 99       |
| 28) bis(2-Chloroethoxy)met... | 10.147 | 93   | 82906    | 35.672 | ng    | 95       |
| 29) 2,4-Dichlorophenol        | 10.382 | 162  | 70846    | 40.132 | ng    | 95       |
| 30) 1,2,4-Trichlorobenzene    | 10.600 | 180  | 76217    | 40.278 | ng    | 97       |
| 31) Naphthalene               | 10.788 | 128  | 211526   | 38.465 | ng    | 100      |
| 32) Benzoic acid              | 10.047 | 122  | 53606    | 40.702 | ng    | 97       |
| 33) 4-Chloroaniline           | 10.887 | 127  | 94500    | 36.667 | ng    | 97       |
| 34) Hexachlorobutadiene       | 11.075 | 225  | 64019    | 47.590 | ng    | 98       |
| 35) Caprolactam               | 11.657 | 113  | 23017    | 35.338 | ng    | 96       |
| 36) 4-Chloro-3-methylphenol   | 12.016 | 107  | 81862    | 38.368 | ng    | 97       |
| 37) 2-Methylnaphthalene       | 12.397 | 142  | 165319   | 39.739 | ng    | 98       |
| 38) 1-Methylnaphthalene       | 12.615 | 142  | 153599   | 39.109 | ng    | 99       |
| 40) 1,2,4,5-Tetrachloroben... | 12.762 | 216  | 115681   | 43.552 | ng    | 100      |
| 41) Hexachlorocyclopentadiene | 12.744 | 237  | 67852    | 49.958 | ng    | 97       |
| 43) 2,4,6-Trichlorophenol     | 13.003 | 196  | 75009    | 40.610 | ng    | 97       |

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 Sample : SSTDCCC040  
 Misc :  
 ALS Vial : 2 Sample Multiplier: 1

Instrument :  
 BNA\_G  
 ClientSampleId :  
 SSTDCCC040

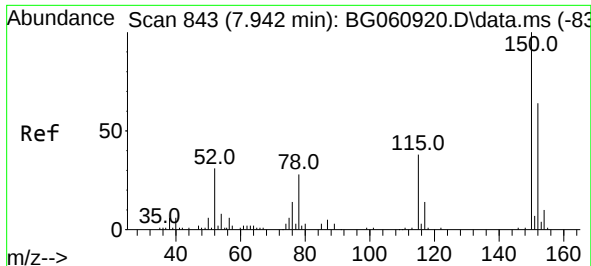
Quant Time: Apr 19 12:07:51 2024  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_G\Methods\8270-BG041724.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Thu Apr 18 02:02:19 2024  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc   | Units | Dev(Min) |
|-------------------------------|--------|------|----------|--------|-------|----------|
| 44) 2,4,5-Trichlorophenol     | 13.073 | 196  | 91156    | 40.924 | ng    | 99       |
| 46) 1,1'-Biphenyl             | 13.408 | 154  | 227582   | 38.885 | ng    | 97       |
| 47) 2-Chloronaphthalene       | 13.443 | 162  | 173452   | 38.722 | ng    | 99       |
| 48) 2-Nitroaniline            | 13.643 | 65   | 70131    | 38.153 | ng    | 96       |
| 49) Acenaphthylene            | 14.289 | 152  | 293992   | 38.813 | ng    | 99       |
| 50) Dimethylphthalate         | 14.031 | 163  | 263876   | 38.632 | ng    | 99       |
| 51) 2,6-Dinitrotoluene        | 14.142 | 165  | 56889    | 40.864 | ng    | 94       |
| 52) Acenaphthene              | 14.636 | 154  | 177762   | 38.696 | ng    | 95       |
| 53) 3-Nitroaniline            | 14.471 | 138  | 55467    | 36.295 | ng #  | 88       |
| 54) 2,4-Dinitrophenol         | 14.677 | 184  | 34470    | 41.560 | ng    | 89       |
| 55) Dibenzofuran              | 14.971 | 168  | 298834   | 38.509 | ng    | 93       |
| 56) 4-Nitrophenol             | 14.783 | 139  | 44259    | 37.826 | ng    | 91       |
| 57) 2,4-Dinitrotoluene        | 14.930 | 165  | 80539    | 40.485 | ng    | 98       |
| 58) Fluorene                  | 15.623 | 166  | 246281   | 38.261 | ng    | 99       |
| 59) 2,3,4,6-Tetrachlorophenol | 15.200 | 232  | 86066    | 42.060 | ng    | 98       |
| 60) Diethylphthalate          | 15.400 | 149  | 260152   | 38.026 | ng    | 100      |
| 61) 4-Chlorophenyl-phenyle... | 15.617 | 204  | 145277   | 40.715 | ng    | 95       |
| 62) 4-Nitroaniline            | 15.635 | 138  | 60826    | 37.018 | ng #  | 80       |
| 63) Azobenzene                | 15.911 | 77   | 225631   | 34.992 | ng    | 91       |
| 65) 4,6-Dinitro-2-methylph... | 15.699 | 198  | 54011    | 44.960 | ng    | 97       |
| 66) n-Nitrosodiphenylamine    | 15.829 | 169  | 231175   | 39.109 | ng    | 99       |
| 67) 4-Bromophenyl-phenylether | 16.510 | 248  | 104251   | 43.218 | ng    | 96       |
| 68) Hexachlorobenzene         | 16.628 | 284  | 112545   | 42.878 | ng    | 97       |
| 69) Atrazine                  | 16.781 | 200  | 87764    | 41.313 | ng    | 96       |
| 70) Pentachlorophenol         | 16.969 | 266  | 79071    | 44.483 | ng    | 96       |
| 71) Phenanthrene              | 17.362 | 178  | 416099   | 38.177 | ng    | 100      |
| 72) Anthracene                | 17.456 | 178  | 432187   | 38.603 | ng    | 98       |
| 73) Carbazole                 | 17.721 | 167  | 362892   | 37.204 | ng    | 98       |
| 74) Di-n-butylphthalate       | 18.291 | 149  | 438750   | 37.362 | ng    | 100      |
| 75) Fluoranthene              | 19.372 | 202  | 543138   | 39.151 | ng    | 97       |
| 77) Benzidine                 | 19.548 | 184  | 182625   | 39.923 | ng    | 100      |
| 78) Pyrene                    | 19.736 | 202  | 550394   | 38.687 | ng    | 98       |
| 80) Butylbenzylphthalate      | 20.635 | 149  | 195091   | 37.335 | ng    | 92       |
| 81) Benzo(a)anthracene        | 21.557 | 228  | 570055   | 38.925 | ng    | 99       |
| 82) 3,3'-Dichlorobenzidine    | 21.475 | 252  | 202966   | 38.918 | ng    | 97       |
| 83) Chrysene                  | 21.622 | 228  | 541995   | 38.761 | ng    | 99       |
| 84) Bis(2-ethylhexyl)phtha... | 21.493 | 149  | 274271   | 35.496 | ng #  | 99       |
| 85) Di-n-octyl phthalate      | 22.680 | 149  | 468573   | 35.145 | ng    | 99       |
| 87) Indeno(1,2,3-cd)pyrene    | 28.244 | 276  | 653990   | 38.138 | ng #  | 93       |
| 88) Benzo(b)fluoranthene      | 23.714 | 252  | 542819   | 38.689 | ng #  | 97       |
| 89) Benzo(k)fluoranthene      | 23.784 | 252  | 542250   | 37.779 | ng #  | 96       |
| 90) Benzo(a)pyrene            | 24.554 | 252  | 520772   | 37.648 | ng    | 99       |
| 91) Dibenzo(a,h)anthracene    | 28.320 | 278  | 540742   | 38.309 | ng #  | 96       |
| 92) Benzo(g,h,i)perylene      | 29.348 | 276  | 532103   | 38.559 | ng #  | 93       |

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

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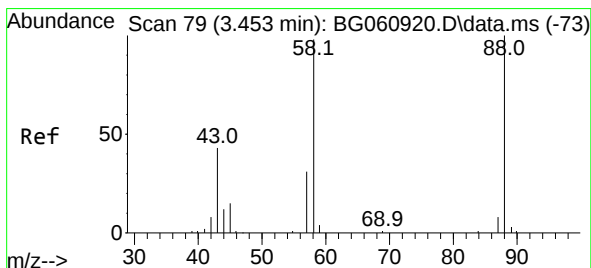
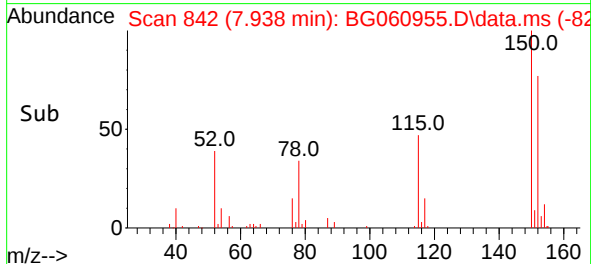
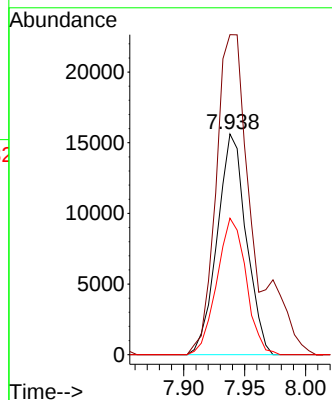
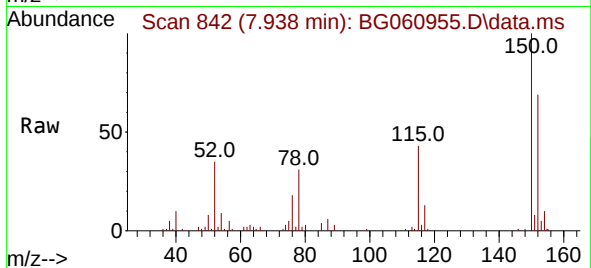




#1  
 1,4-Dichlorobenzene-d4  
 Concen: 20.000 ng  
 RT: 7.938 min Scan# 84  
 Delta R.T. -0.004 min  
 Lab File: BG060955.D  
 Acq: 19 Apr 2024 11:24

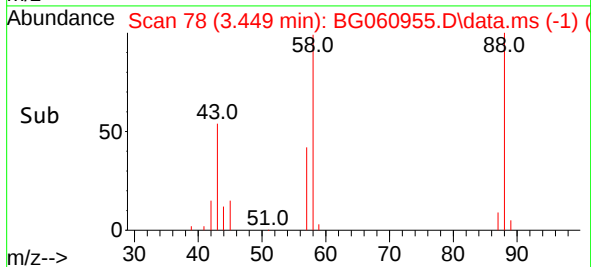
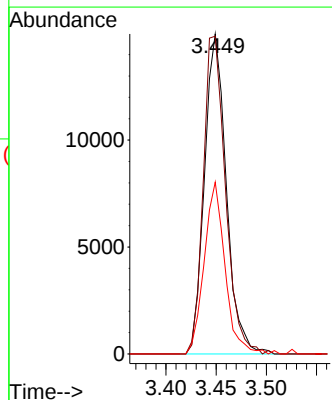
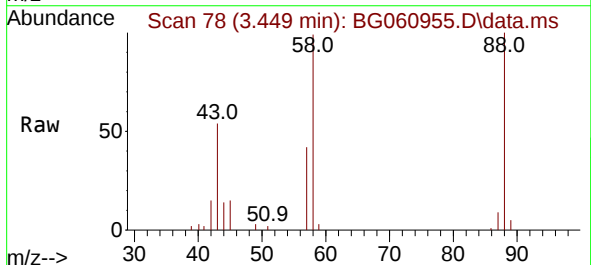
Instrument :  
 BNA\_G  
 ClientSampleId :  
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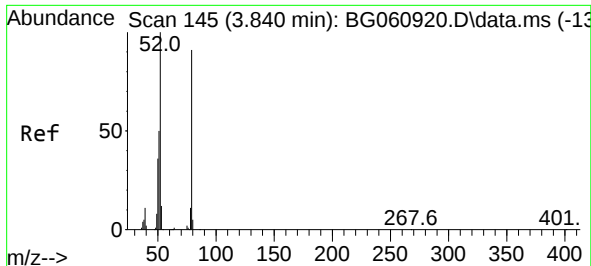
Tgt Ion:152 Resp: 25890  
 Ion Ratio Lower Upper  
 152 100  
 150 145.1 125.6 188.4  
 115 61.9 47.1 70.7



#2  
 1,4-Dioxane  
 Concen: 37.767 ng  
 RT: 3.449 min Scan# 78  
 Delta R.T. -0.004 min  
 Lab File: BG060955.D  
 Acq: 19 Apr 2024 11:24

Tgt Ion: 88 Resp: 22756  
 Ion Ratio Lower Upper  
 88 100  
 58 100.6 82.1 123.1  
 43 51.3 35.2 52.8

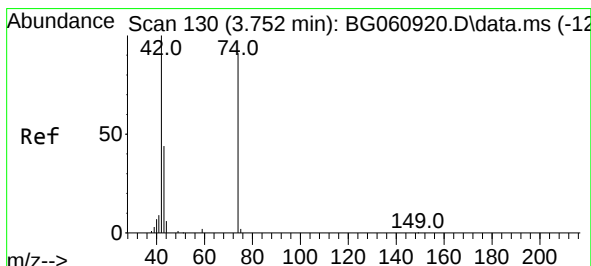
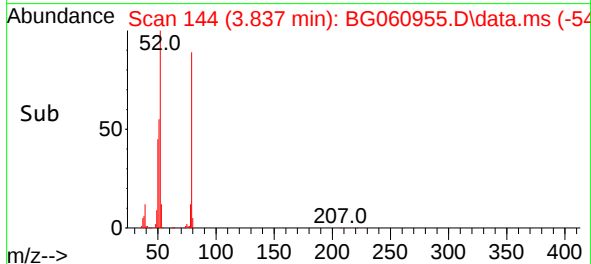
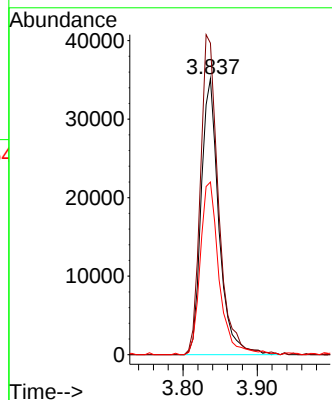
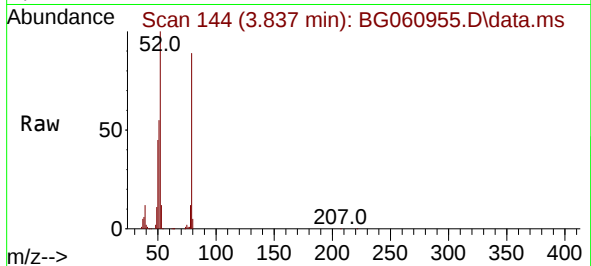




#3  
 Pyridine  
 Concen: 30.350 ng  
 RT: 3.837 min Scan# 145  
 Delta R.T. -0.004 min  
 Lab File: BG060955.D  
 Acq: 19 Apr 2024 11:24

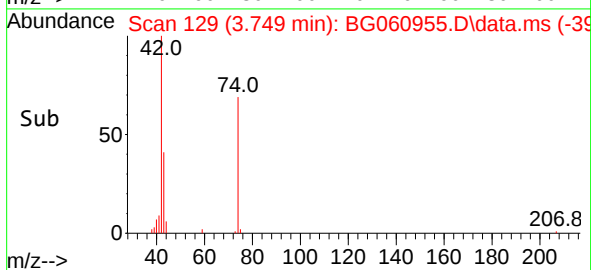
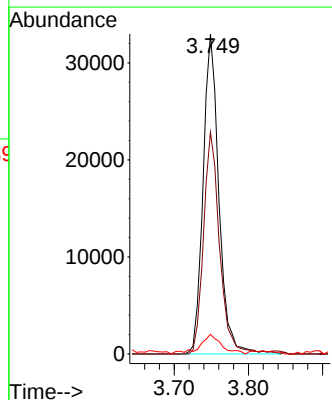
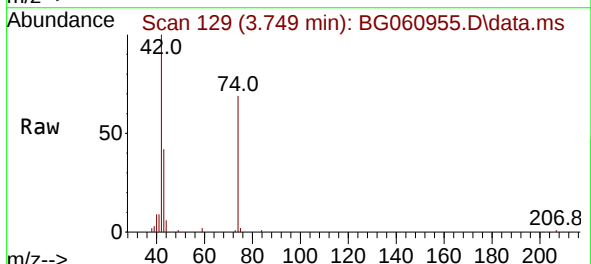
Instrument :  
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 ClientSampleId :  
 SSTDCCC040

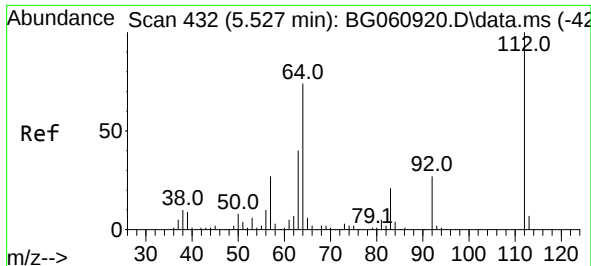
Tgt Ion: 79 Resp: 58182  
 Ion Ratio Lower Upper  
 79 100  
 52 112.9 87.8 131.8  
 51 62.6 44.1 66.1



#4  
 n-Nitrosodimethylamine  
 Concen: 40.014 ng  
 RT: 3.749 min Scan# 129  
 Delta R.T. -0.004 min  
 Lab File: BG060955.D  
 Acq: 19 Apr 2024 11:24

Tgt Ion: 42 Resp: 48950  
 Ion Ratio Lower Upper  
 42 100  
 74 69.3 73.2 109.8#  
 44 6.2 5.6 8.4

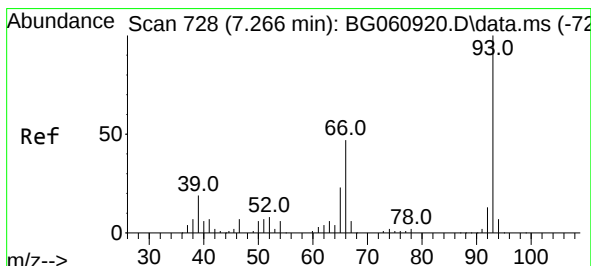
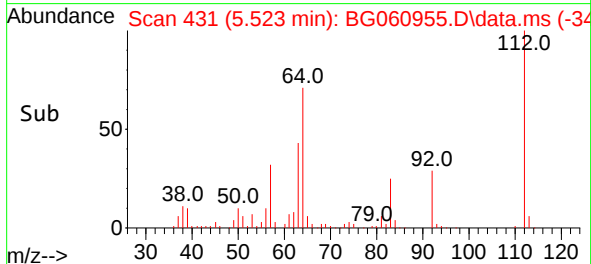
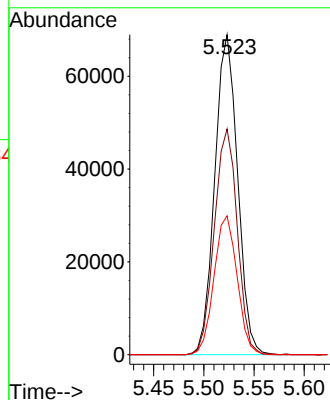
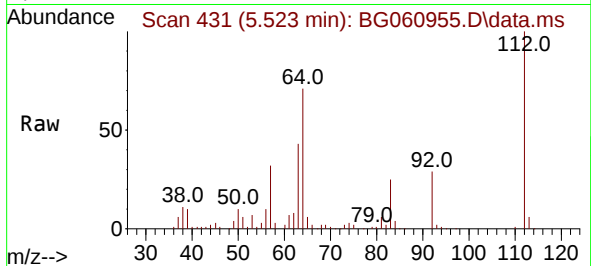




#5  
2-Fluorophenol  
Concen: 73.256 ng  
RT: 5.523 min Scan# 41  
Delta R.T. -0.004 min  
Lab File: BG060955.D  
Acq: 19 Apr 2024 11:24

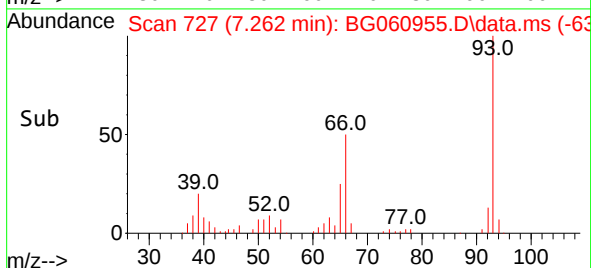
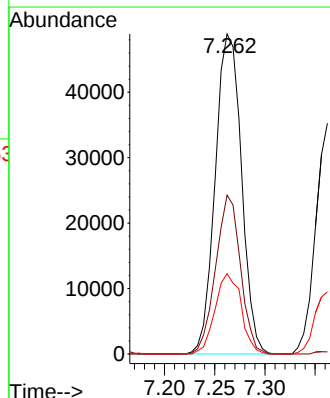
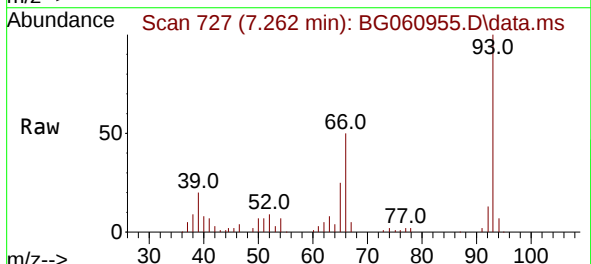
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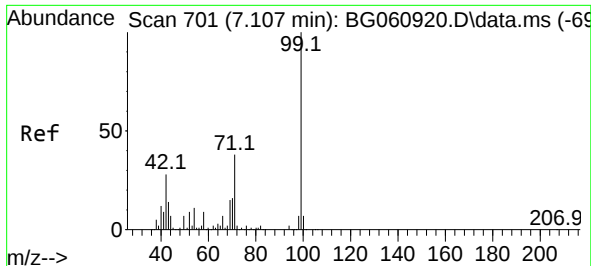
Tgt Ion:112 Resp: 109190  
Ion Ratio Lower Upper  
112 100  
64 70.6 58.9 88.3  
63 43.4 32.1 48.1



#6  
Aniline  
Concen: 33.890 ng  
RT: 7.262 min Scan# 727  
Delta R.T. -0.004 min  
Lab File: BG060955.D  
Acq: 19 Apr 2024 11:24

Tgt Ion: 93 Resp: 88661  
Ion Ratio Lower Upper  
93 100  
66 49.7 37.8 56.8  
65 25.1 18.7 28.1

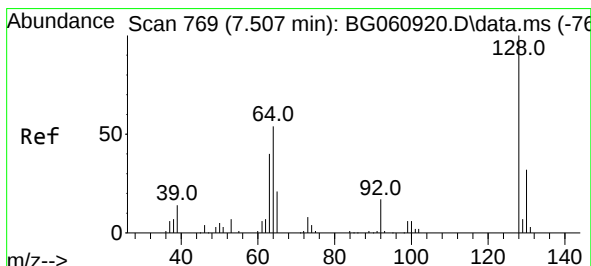
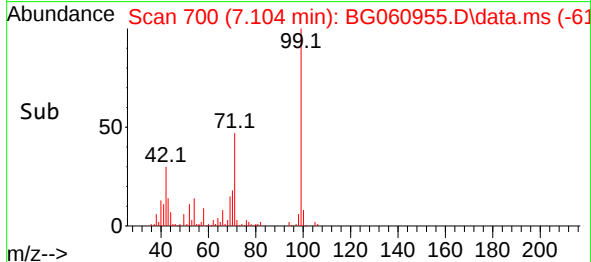
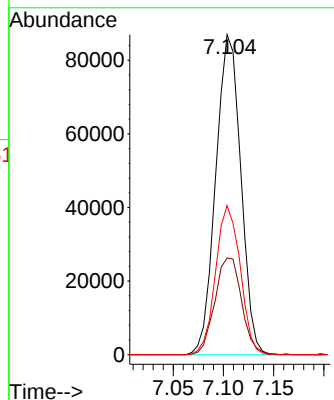
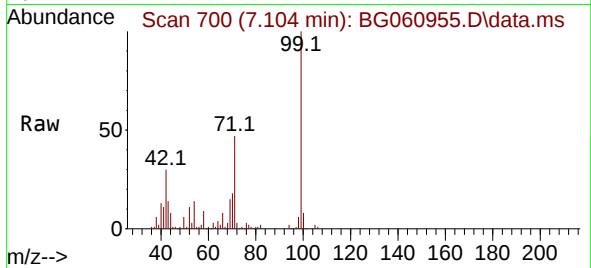




#7  
Phenol-d6  
Concen: 70.207 ng  
RT: 7.104 min Scan# 701  
Delta R.T. -0.004 min  
Lab File: BG060955.D  
Acq: 19 Apr 2024 11:24

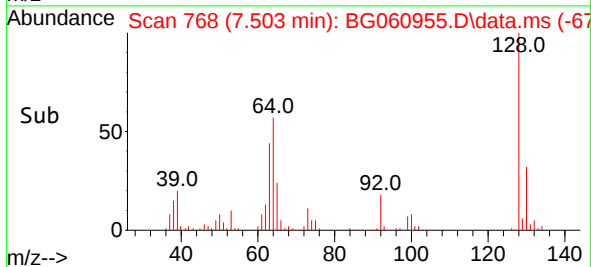
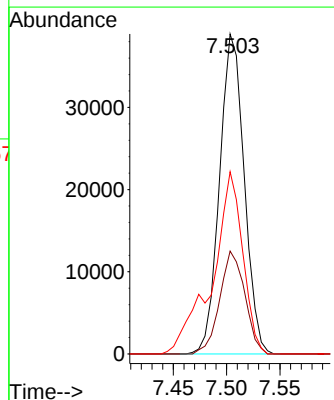
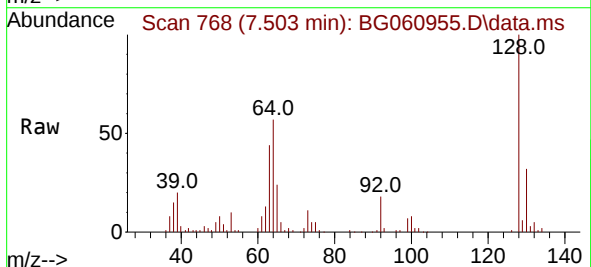
Instrument :  
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ClientSampleId :  
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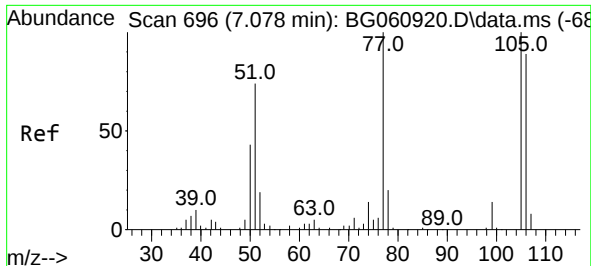
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Ion Ratio Lower Upper  
99 100  
42 30.2 22.2 33.2  
71 46.6 30.5 45.7#



#8  
2-Chlorophenol  
Concen: 36.888 ng  
RT: 7.503 min Scan# 768  
Delta R.T. -0.004 min  
Lab File: BG060955.D  
Acq: 19 Apr 2024 11:24

Tgt Ion: 128 Resp: 62550  
Ion Ratio Lower Upper  
128 100  
130 32.2 11.7 51.7  
64 56.9 37.8 77.8

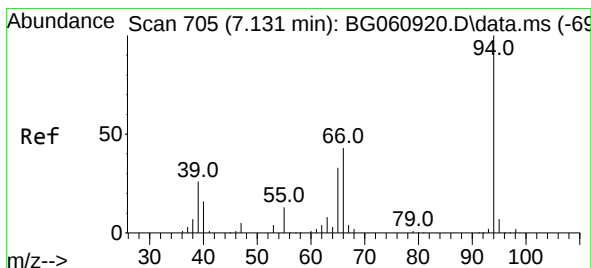
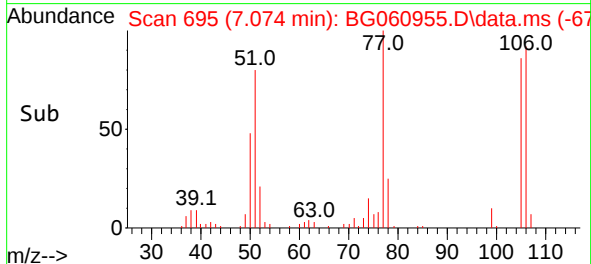
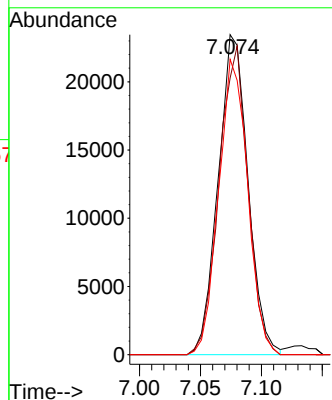
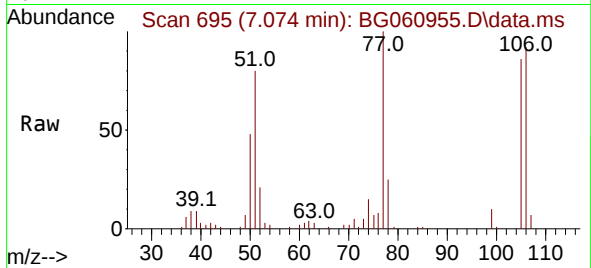




#9  
Benzaldehyde  
Concen: 34.710 ng  
RT: 7.074 min Scan# 695  
Delta R.T. -0.004 min  
Lab File: BG060955.D  
Acq: 19 Apr 2024 11:24

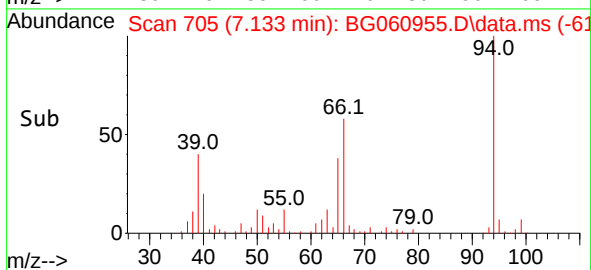
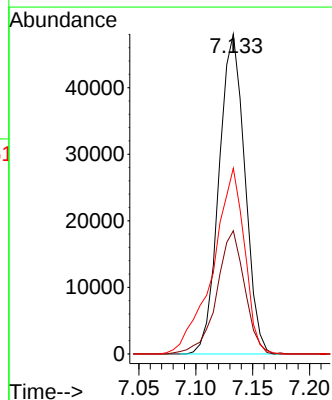
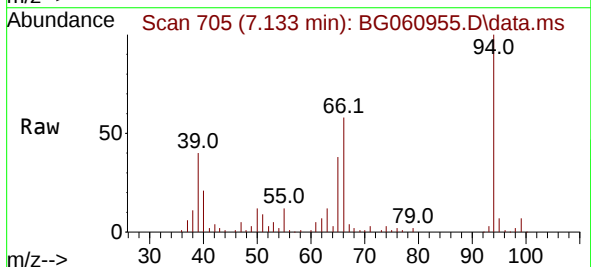
Instrument :  
BNA\_G  
ClientSampleId :  
SSTDCCC040

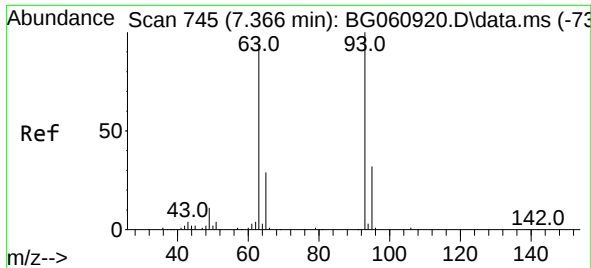
Tgt Ion: 77 Resp: 40026  
Ion Ratio Lower Upper  
77 100  
105 86.5 79.9 119.9  
106 92.3 69.3 109.3



#10  
Phenol  
Concen: 35.248 ng  
RT: 7.133 min Scan# 705  
Delta R.T. 0.002 min  
Lab File: BG060955.D  
Acq: 19 Apr 2024 11:24

Tgt Ion: 94 Resp: 75853  
Ion Ratio Lower Upper  
94 100  
65 38.5 13.6 53.6  
66 58.1 24.3 64.3

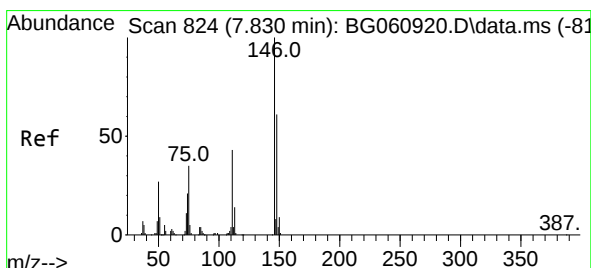
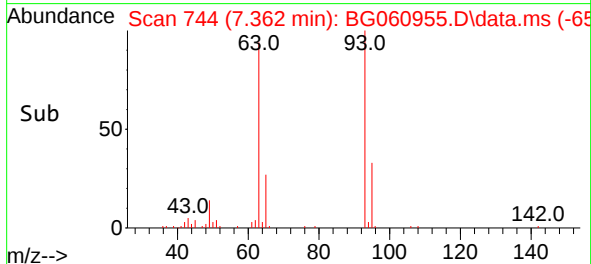
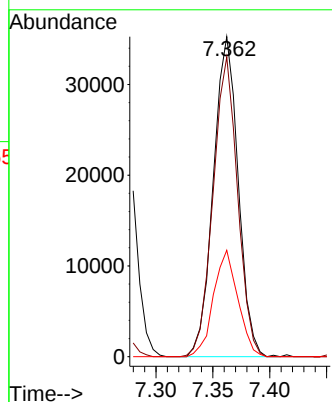
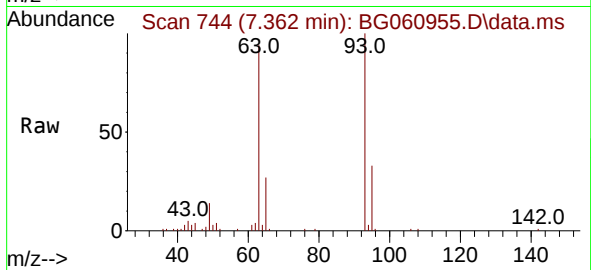




#11  
bis(2-Chloroethyl)ether  
Concen: 32.115 ng  
RT: 7.362 min Scan# 744  
Delta R.T. -0.004 min  
Lab File: BG060955.D  
Acq: 19 Apr 2024 11:24

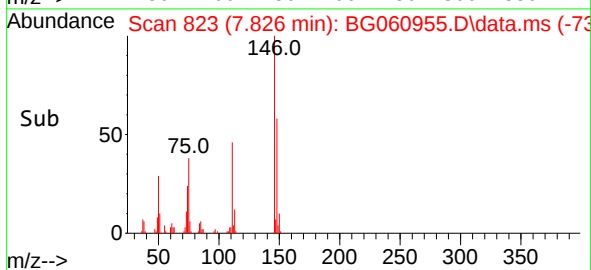
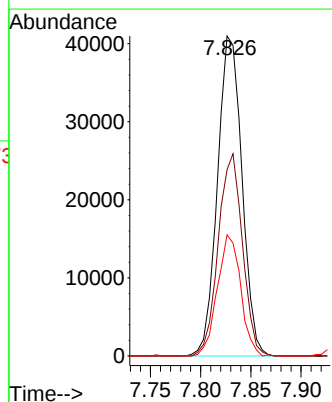
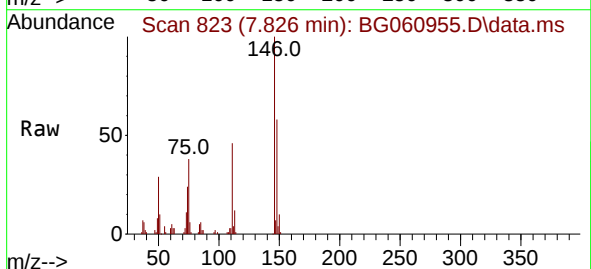
Instrument :  
BNA\_G  
ClientSampleId :  
SSTDCCC040

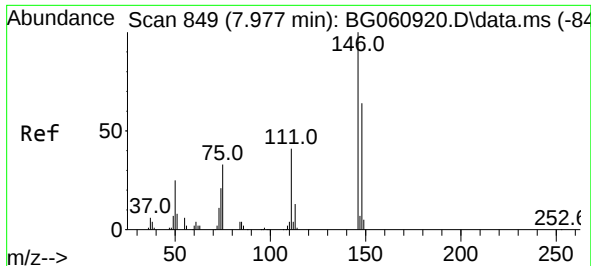
Tgt Ion: 93 Resp: 53606  
Ion Ratio Lower Upper  
93 100  
63 93.6 74.0 114.0  
95 33.2 12.7 52.7



#12  
1,3-Dichlorobenzene  
Concen: 38.592 ng  
RT: 7.826 min Scan# 823  
Delta R.T. -0.004 min  
Lab File: BG060955.D  
Acq: 19 Apr 2024 11:24

Tgt Ion:146 Resp: 69531  
Ion Ratio Lower Upper  
146 100  
148 58.3 49.0 73.6  
75 37.9 27.8 41.6

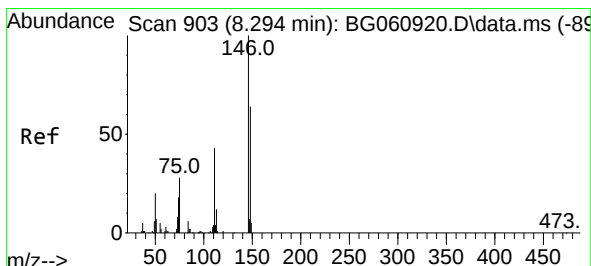
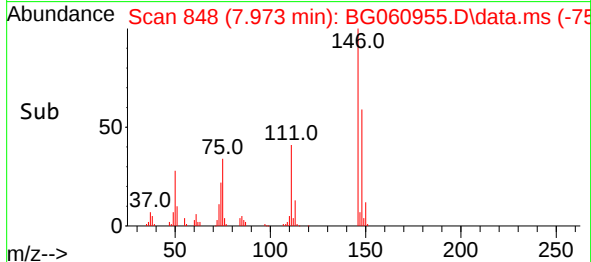
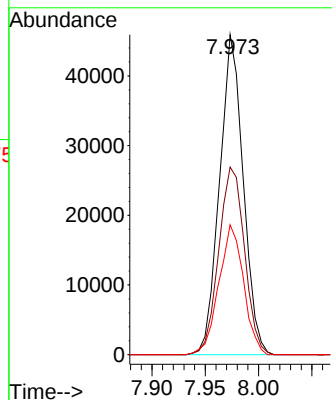
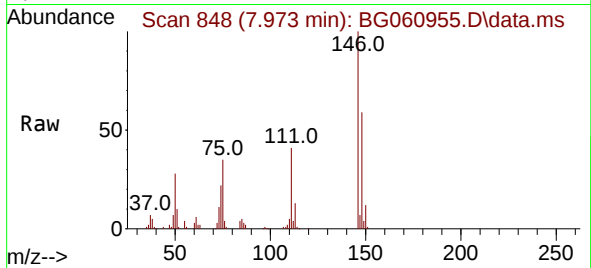




#13  
1,4-Dichlorobenzene  
Concen: 38.375 ng  
RT: 7.973 min Scan# 849  
Delta R.T. -0.004 min  
Lab File: BG060955.D  
Acq: 19 Apr 2024 11:24

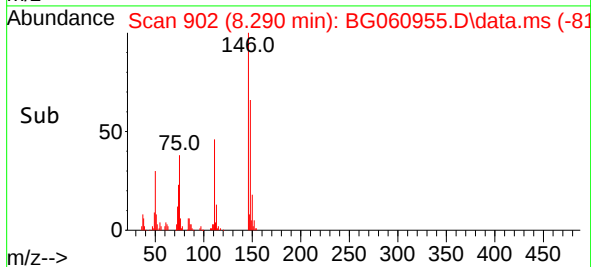
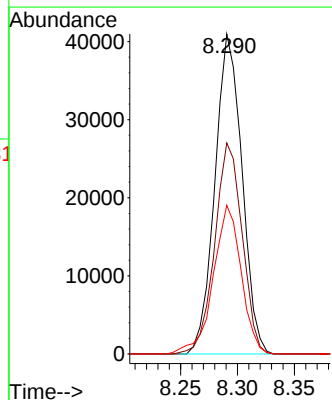
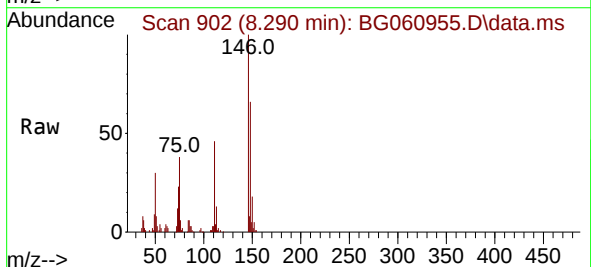
Instrument :  
BNA\_G  
ClientSampleId :  
SSTDCCC040

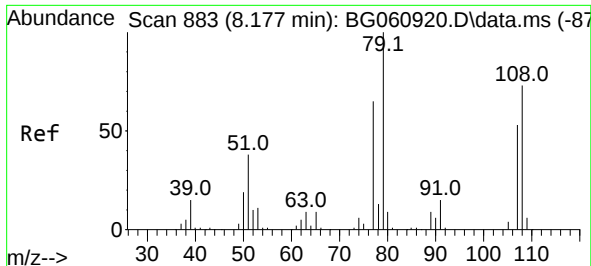
Tgt Ion:146 Resp: 70780  
Ion Ratio Lower Upper  
146 100  
148 58.7 51.4 77.2  
111 40.6 32.8 49.2



#14  
1,2-Dichlorobenzene  
Concen: 37.835 ng  
RT: 8.290 min Scan# 902  
Delta R.T. -0.004 min  
Lab File: BG060955.D  
Acq: 19 Apr 2024 11:24

Tgt Ion:146 Resp: 67859  
Ion Ratio Lower Upper  
146 100  
148 66.0 51.0 76.4  
111 46.5 35.2 52.8

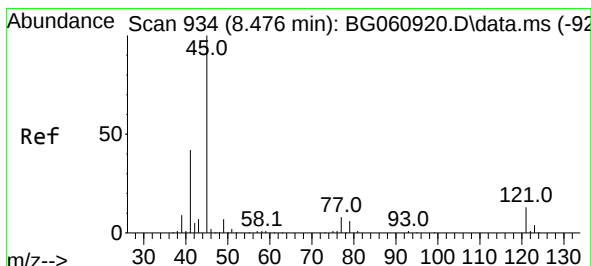
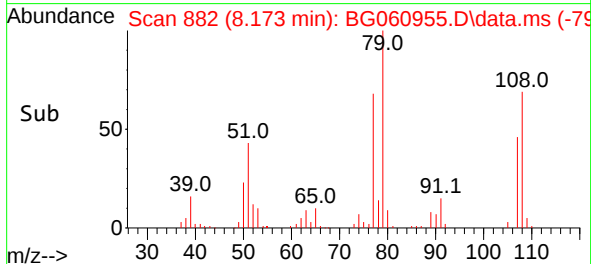
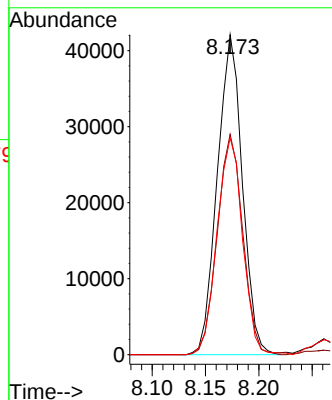
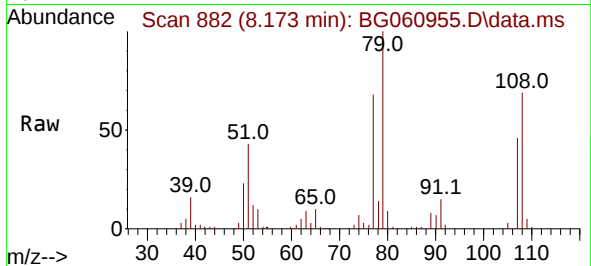




#15  
Benzyl Alcohol  
Concen: 37.236 ng  
RT: 8.173 min Scan# 81  
Delta R.T. -0.004 min  
Lab File: BG060955.D  
Acq: 19 Apr 2024 11:24

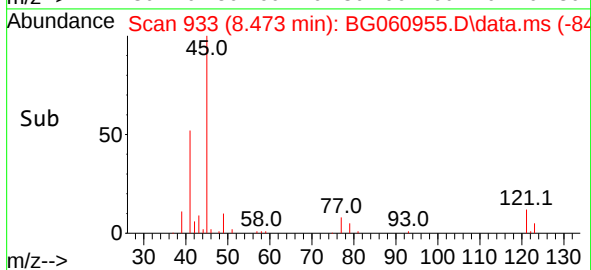
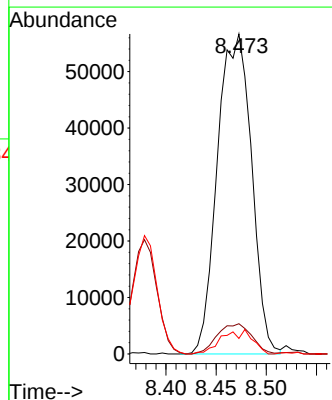
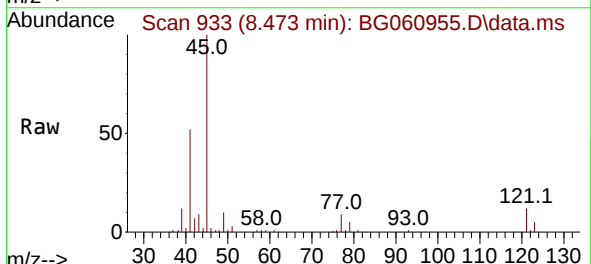
Instrument :  
BNA\_G  
ClientSampleId :  
SSTDCCC040

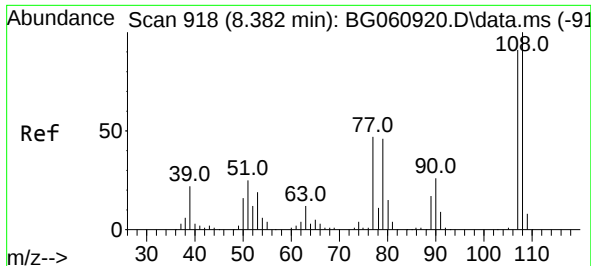
Tgt Ion: 79 Resp: 68779  
Ion Ratio Lower Upper  
79 100  
108 68.8 58.6 87.8  
77 67.8 51.9 77.9



#16  
2,2'-oxybis(1-Chloropropane)  
Concen: 33.184 ng  
RT: 8.473 min Scan# 933  
Delta R.T. -0.004 min  
Lab File: BG060955.D  
Acq: 19 Apr 2024 11:24

Tgt Ion: 45 Resp: 133863  
Ion Ratio Lower Upper  
45 100  
77 9.5 0.0 29.0  
79 4.9 0.0 27.2

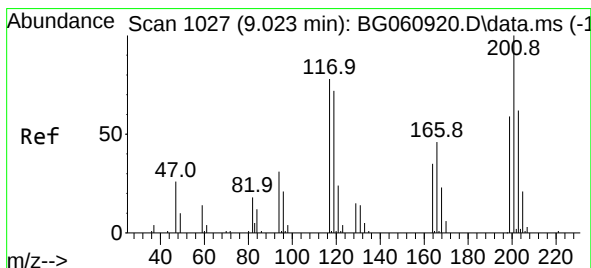
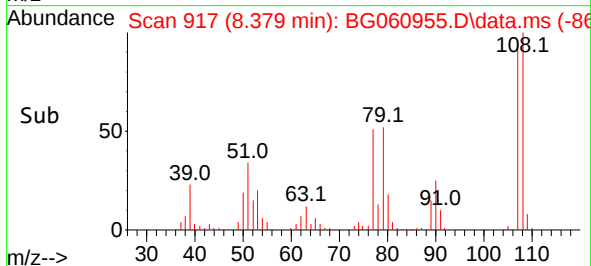
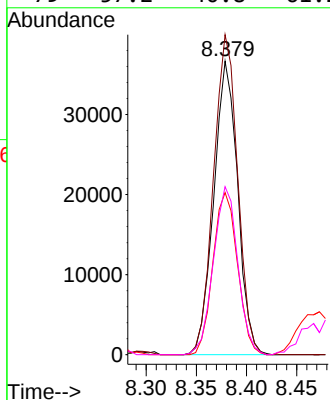
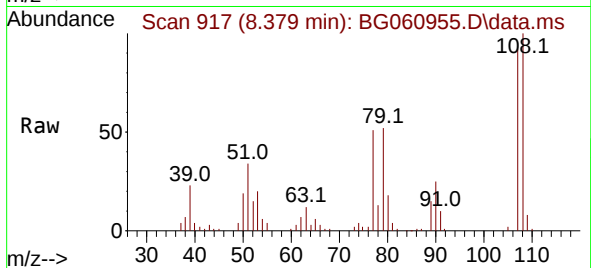




#17  
2-Methylphenol  
Concen: 35.690 ng  
RT: 8.379 min Scan# 918  
Delta R.T. -0.004 min  
Lab File: BG060955.D  
Acq: 19 Apr 2024 11:24

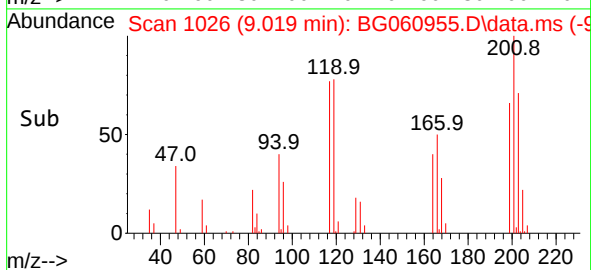
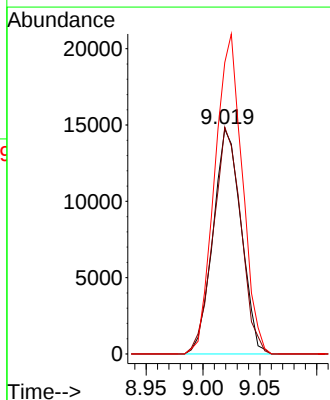
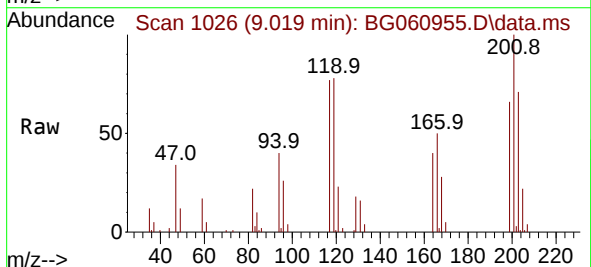
Instrument :  
BNA\_G  
ClientSampleId :  
SSTDCCC040

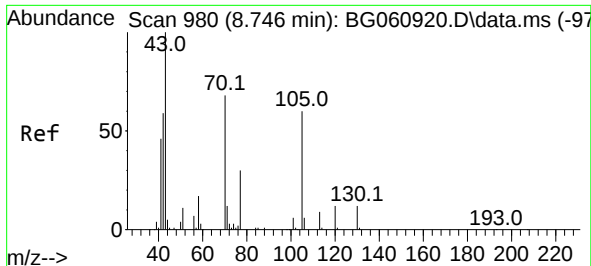
|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 107   | Resp: | 60684 |
| Ion      | Ratio | Lower | Upper |
| 107      | 100   |       |       |
| 108      | 109.0 | 88.3  | 132.5 |
| 77       | 55.2  | 41.4  | 62.0  |
| 79       | 57.2  | 40.8  | 61.2  |



#18  
Hexachloroethane  
Concen: 38.597 ng  
RT: 9.019 min Scan# 1026  
Delta R.T. -0.004 min  
Lab File: BG060955.D  
Acq: 19 Apr 2024 11:24

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 117   | Resp: | 25279 |
| Ion      | Ratio | Lower | Upper |
| 117      | 100   |       |       |
| 119      | 100.9 | 73.8  | 110.6 |
| 201      | 129.6 | 102.9 | 154.3 |



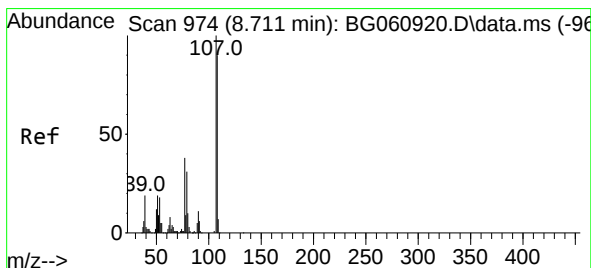
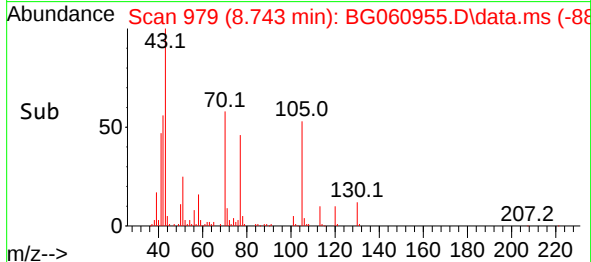
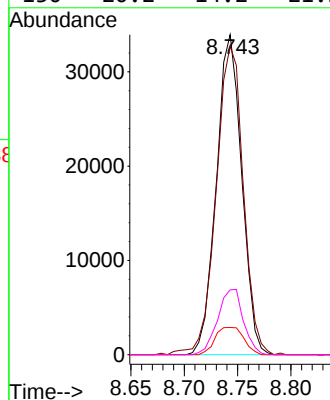
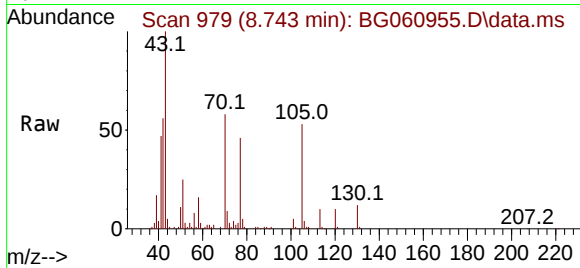


#19  
n-Nitroso-di-n-propylamine  
Concen: 34.331 ng  
RT: 8.743 min Scan# 91  
Delta R.T. -0.004 min  
Lab File: BG060955.D  
Acq: 19 Apr 2024 11:24

Instrument :  
BNA\_G  
ClientSampleId :  
SSTDCCC040

Tgt Ion: 70 Resp: 56149

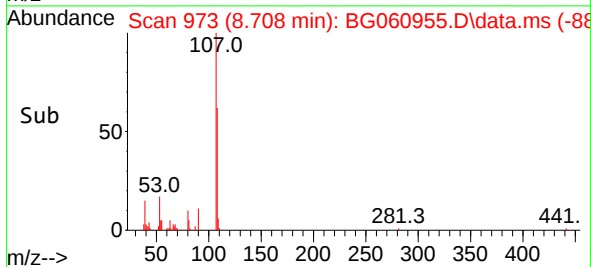
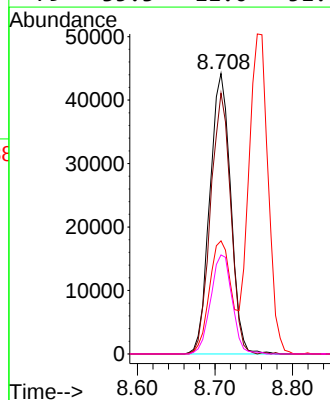
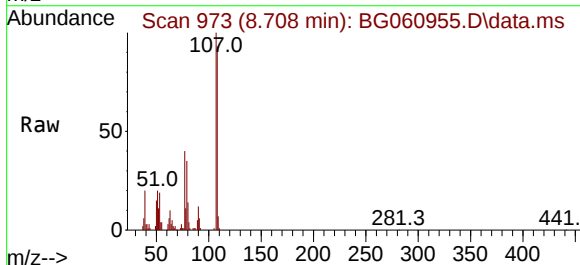
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 70  | 100   |       |       |
| 42  | 96.5  | 70.9  | 106.3 |
| 101 | 8.5   | 7.0   | 10.4  |
| 130 | 20.2  | 14.2  | 21.2  |

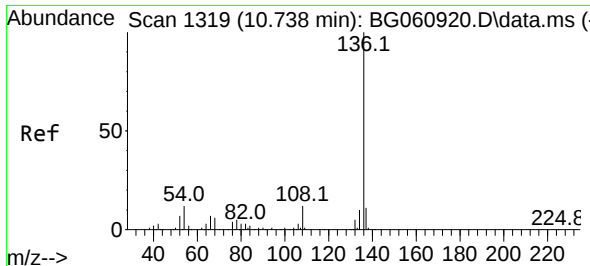


#20  
3+4-Methylphenols  
Concen: 35.074 ng  
RT: 8.708 min Scan# 973  
Delta R.T. -0.004 min  
Lab File: BG060955.D  
Acq: 19 Apr 2024 11:24

Tgt Ion: 107 Resp: 82735

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 107 | 100   |       |       |
| 108 | 93.0  | 69.9  | 109.9 |
| 77  | 40.3  | 17.5  | 57.5  |
| 79  | 35.3  | 11.0  | 51.0  |

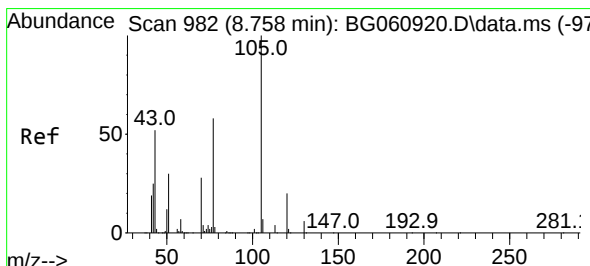
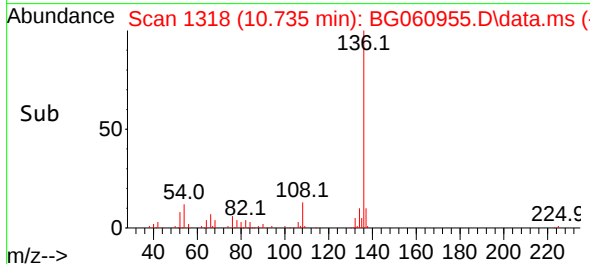
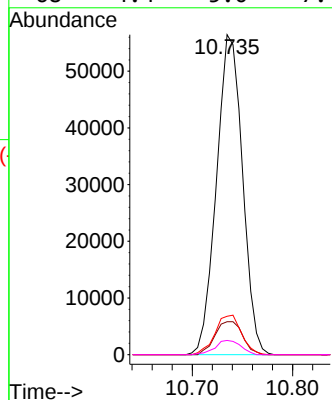
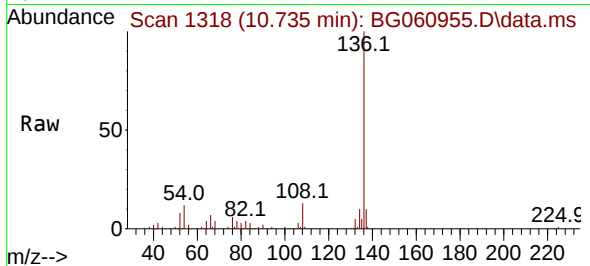




#21  
Naphthalene-d8  
Concen: 20.000 ng  
RT: 10.735 min Scan# 11  
Delta R.T. -0.004 min  
Lab File: BG060955.D  
Acq: 19 Apr 2024 11:24

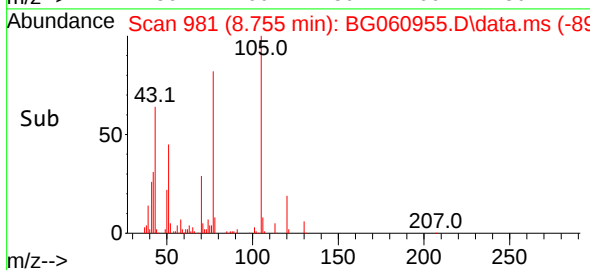
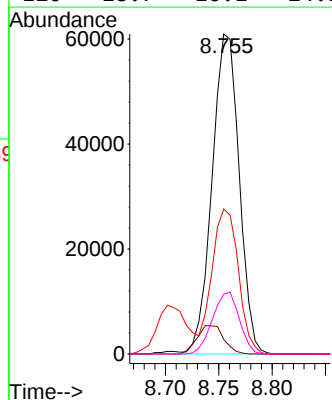
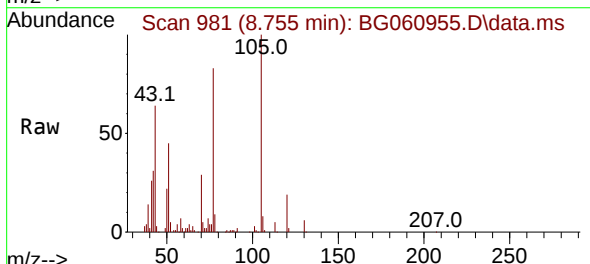
Instrument :  
BNA\_G  
ClientSampleId :  
SSTDCCC040

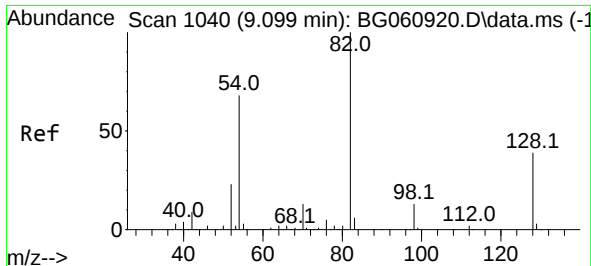
Tgt Ion:136 Resp: 101682  
Ion Ratio Lower Upper  
136 100  
137 10.3 8.8 13.2  
54 12.0 9.8 14.8  
68 4.4 5.0 7.4#



#22  
Acetophenone  
Concen: 37.155 ng  
RT: 8.755 min Scan# 981  
Delta R.T. -0.004 min  
Lab File: BG060955.D  
Acq: 19 Apr 2024 11:24

Tgt Ion:105 Resp: 107589  
Ion Ratio Lower Upper  
105 100  
71 4.5 3.8 5.6  
51 45.3 32.1 48.1  
120 18.7 16.1 24.1





#23  
Nitrobenzene-d5  
Concen: 79.663 ng  
RT: 9.095 min Scan# 1039  
Delta R.T. -0.004 min  
Lab File: BG060955.D  
Acq: 19 Apr 2024 11:24

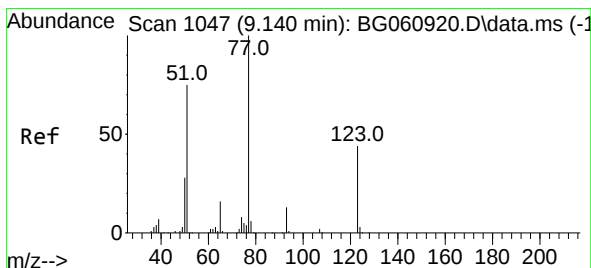
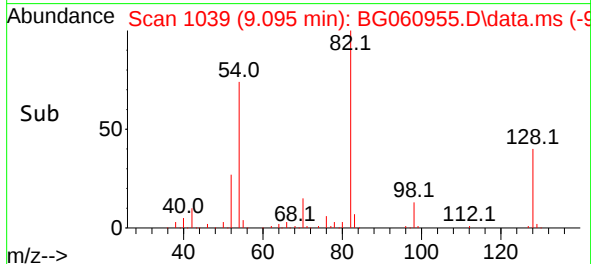
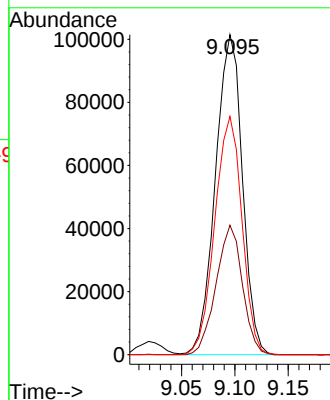
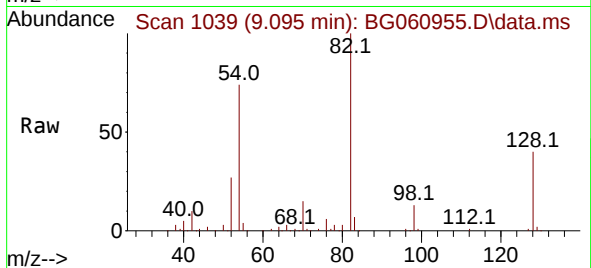
Instrument :

BNA\_G

ClientSampleId :

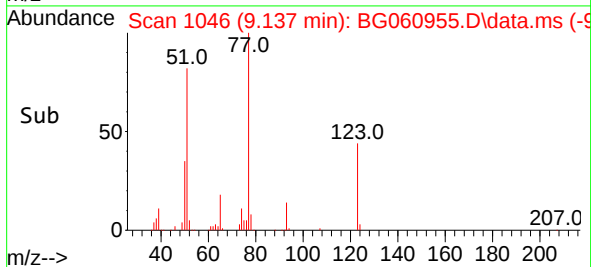
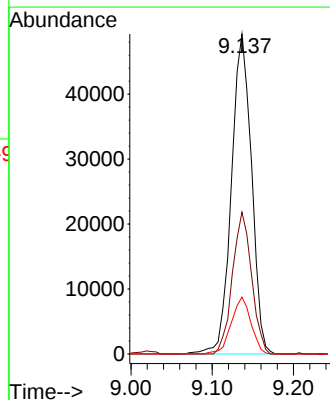
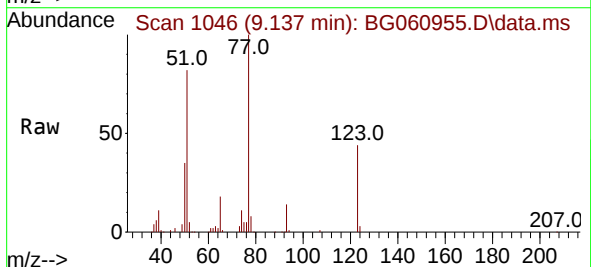
SSTDCCC040

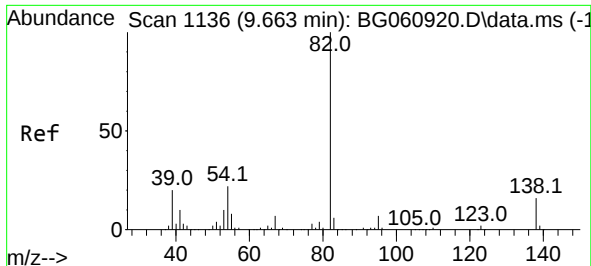
Tgt Ion: 82 Resp: 178429  
Ion Ratio Lower Upper  
82 100  
128 40.5 31.4 47.0  
54 74.5 54.2 81.4



#24  
Nitrobenzene  
Concen: 38.411 ng  
RT: 9.137 min Scan# 1046  
Delta R.T. -0.004 min  
Lab File: BG060955.D  
Acq: 19 Apr 2024 11:24

Tgt Ion: 77 Resp: 84434  
Ion Ratio Lower Upper  
77 100  
123 44.3 34.8 52.2  
65 17.8 12.6 19.0

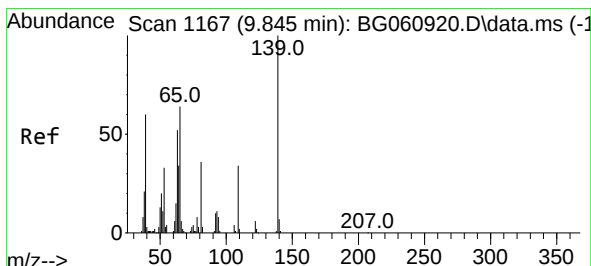
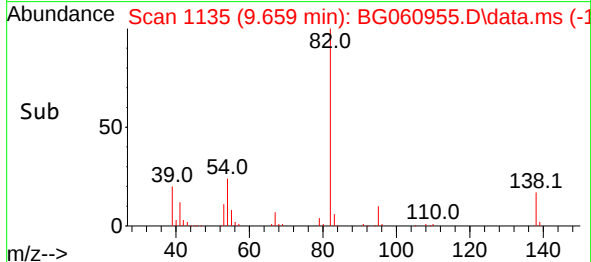
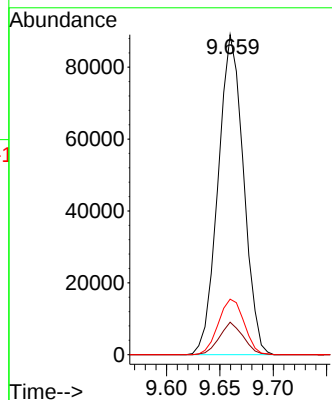
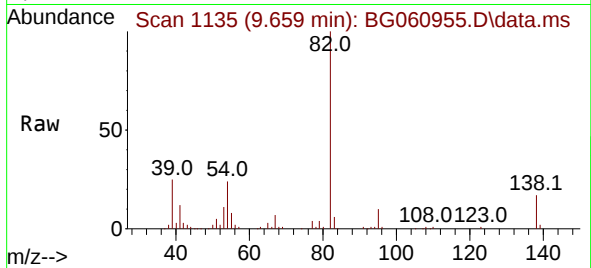




#25  
Isophorone  
Concen: 35.672 ng  
RT: 9.659 min Scan# 1135  
Delta R.T. -0.004 min  
Lab File: BG060955.D  
Acq: 19 Apr 2024 11:24

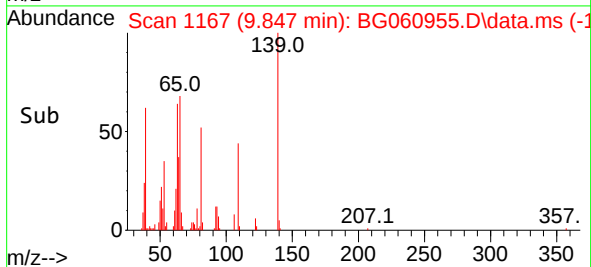
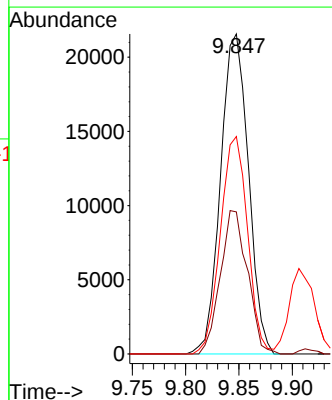
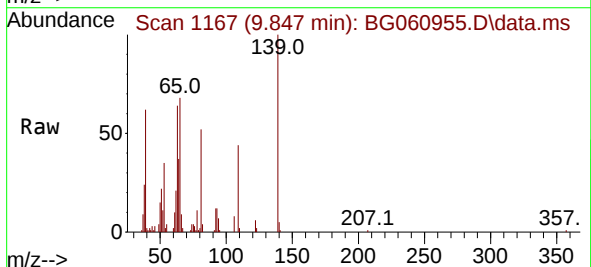
Instrument :  
BNA\_G  
ClientSampleId :  
SSTDCCC040

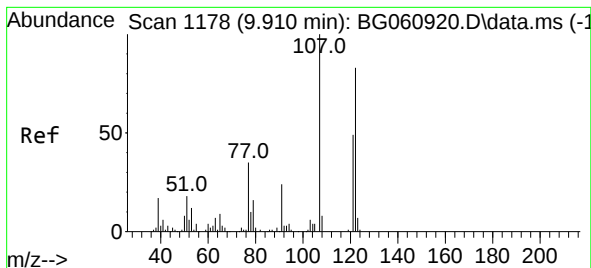
Tgt Ion: 82 Resp: 147443  
Ion Ratio Lower Upper  
82 100  
95 10.1 5.9 8.9#  
138 17.4 12.7 19.1



#26  
2-Nitrophenol  
Concen: 42.413 ng  
RT: 9.847 min Scan# 1167  
Delta R.T. 0.002 min  
Lab File: BG060955.D  
Acq: 19 Apr 2024 11:24

Tgt Ion:139 Resp: 39167  
Ion Ratio Lower Upper  
139 100  
109 44.4 26.9 40.3#  
65 68.0 51.4 77.2





#27

2,4-Dimethylphenol

Concen: 38.683 ng

RT: 9.912 min Scan# 1178

Delta R.T. 0.002 min

Lab File: BG060955.D

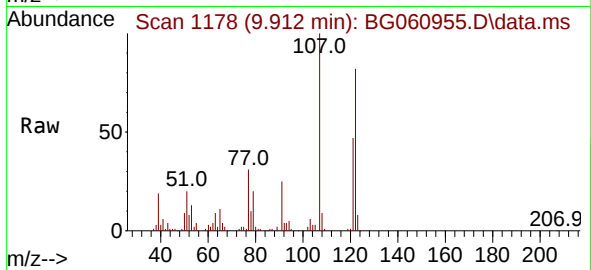
Acq: 19 Apr 2024 11:24

Instrument :

BNA\_G

ClientSampleId :

SSTDCCC040



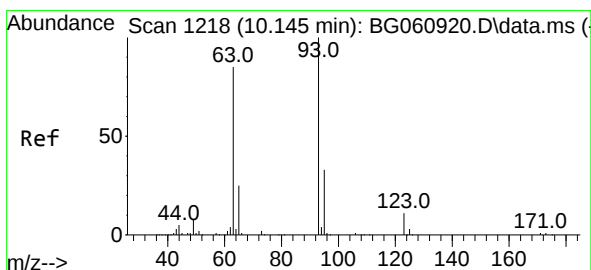
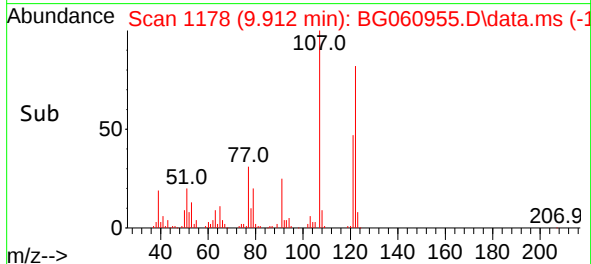
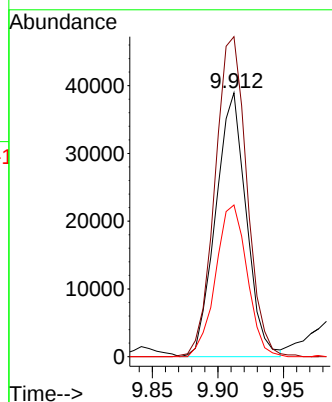
Tgt Ion:122 Resp: 62939

Ion Ratio Lower Upper

122 100

107 121.3 96.6 144.8

121 57.5 47.0 70.4



#28

bis(2-Chloroethoxy)methane

Concen: 35.672 ng

RT: 10.147 min Scan# 1218

Delta R.T. 0.002 min

Lab File: BG060955.D

Acq: 19 Apr 2024 11:24

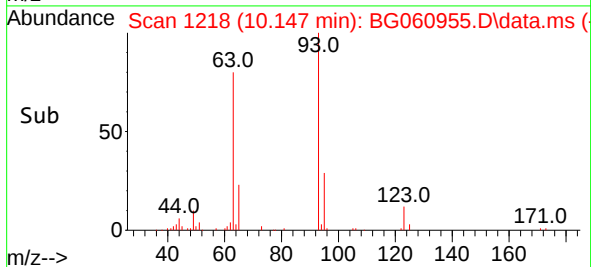
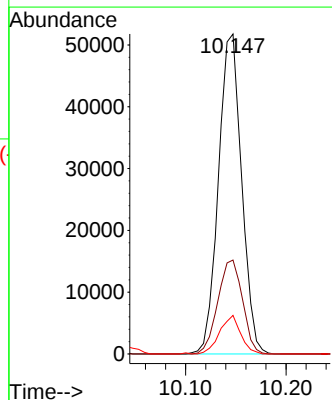
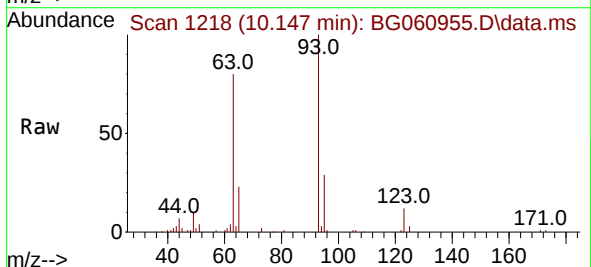
Tgt Ion: 93 Resp: 82906

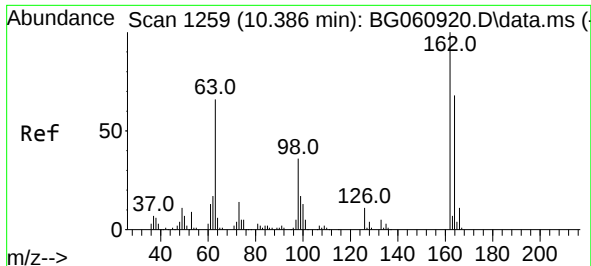
Ion Ratio Lower Upper

93 100

95 29.4 26.2 39.4

123 12.0 8.9 13.3

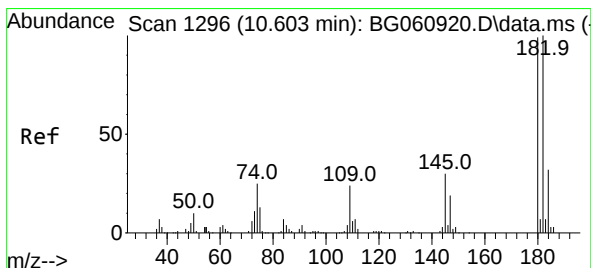
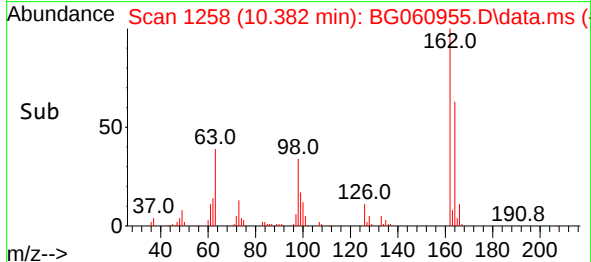
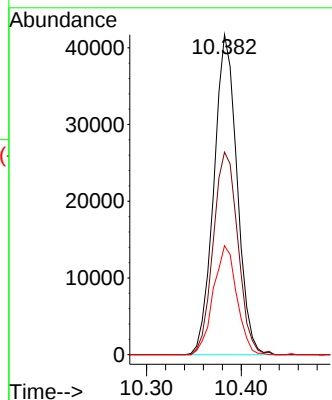
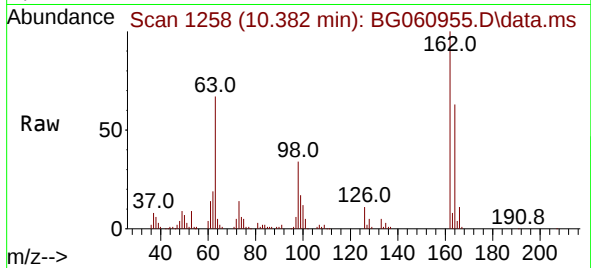




#29  
2,4-Dichlorophenol  
Concen: 40.132 ng  
RT: 10.382 min Scan# 1258  
Delta R.T. -0.004 min  
Lab File: BG060955.D  
Acq: 19 Apr 2024 11:24

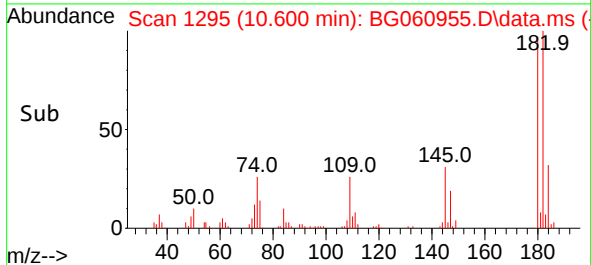
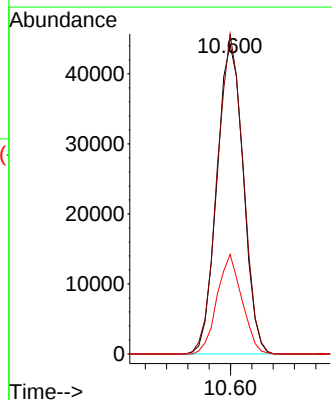
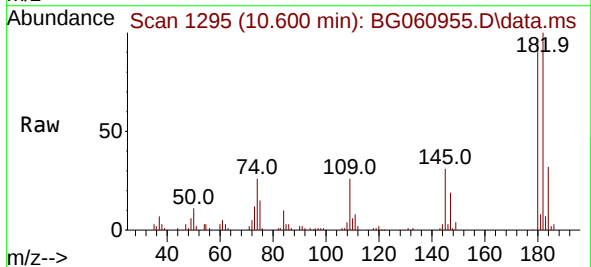
Instrument :  
BNA\_G  
ClientSampleId :  
SSTDCCC040

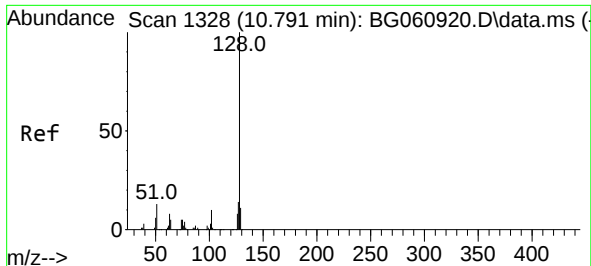
Tgt Ion:162 Resp: 70846  
Ion Ratio Lower Upper  
162 100  
164 63.3 48.1 88.1  
98 34.1 16.1 56.1



#30  
1,2,4-Trichlorobenzene  
Concen: 40.278 ng  
RT: 10.600 min Scan# 1295  
Delta R.T. -0.004 min  
Lab File: BG060955.D  
Acq: 19 Apr 2024 11:24

Tgt Ion:180 Resp: 76217  
Ion Ratio Lower Upper  
180 100  
182 103.4 81.0 121.4  
145 32.2 24.1 36.1

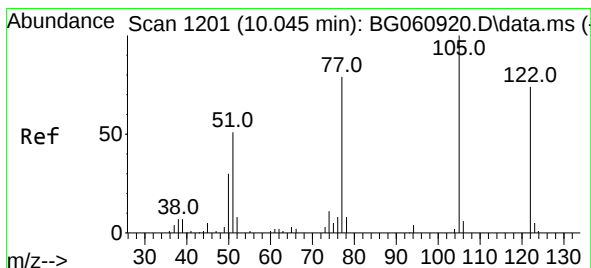
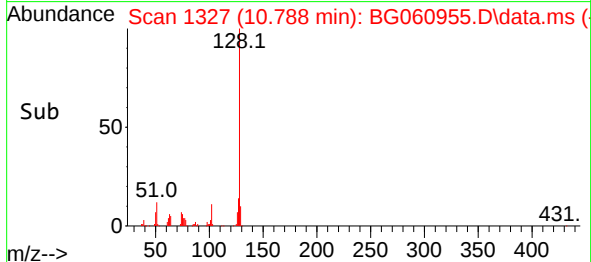
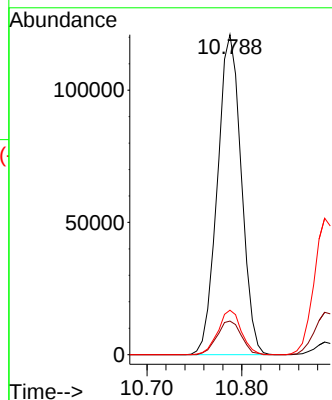
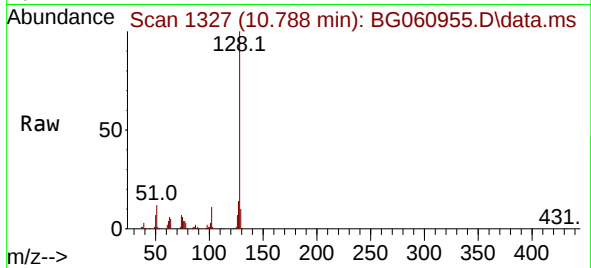




#31  
Naphthalene  
Concen: 38.465 ng  
RT: 10.788 min Scan# 11  
Delta R.T. -0.004 min  
Lab File: BG060955.D  
Acq: 19 Apr 2024 11:24

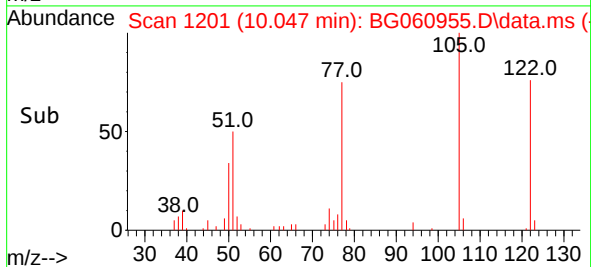
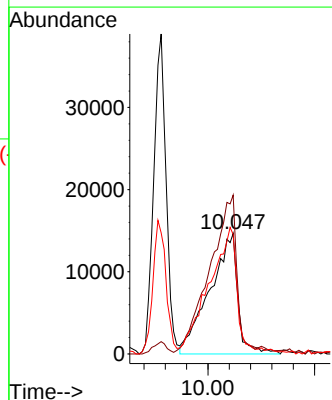
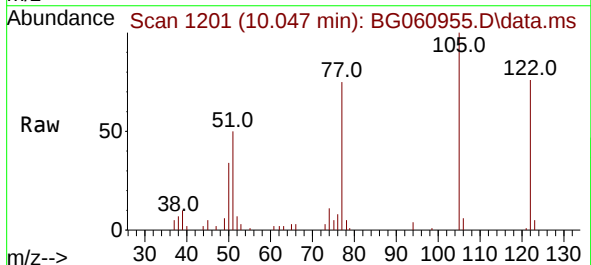
Instrument :  
BNA\_G  
ClientSampleId :  
SSTDCCC040

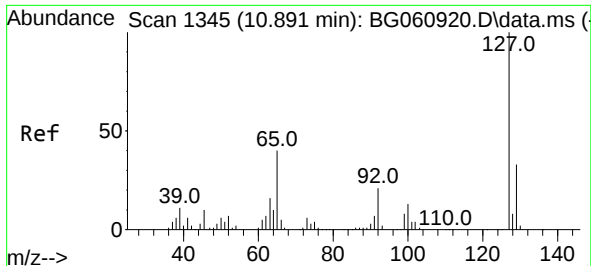
Tgt Ion:128 Resp: 211526  
Ion Ratio Lower Upper  
128 100  
129 10.5 8.4 12.6  
127 13.9 11.3 16.9



#32  
Benzoic acid  
Concen: 40.702 ng  
RT: 10.047 min Scan# 1201  
Delta R.T. 0.002 min  
Lab File: BG060955.D  
Acq: 19 Apr 2024 11:24

Tgt Ion:122 Resp: 53606  
Ion Ratio Lower Upper  
122 100  
105 131.8 109.8 149.8  
77 99.1 84.1 124.1

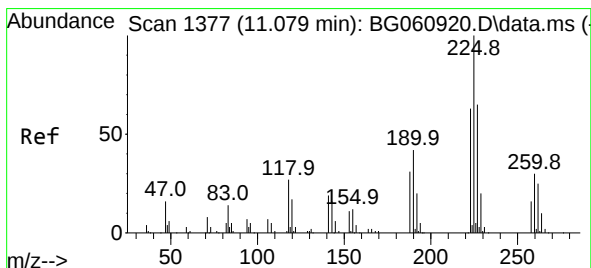
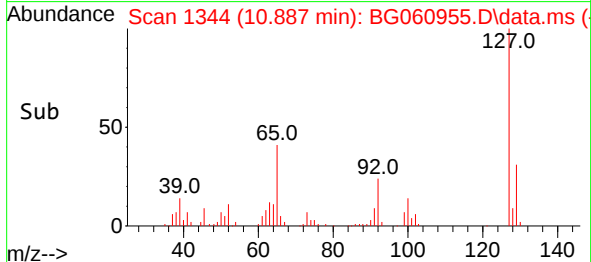
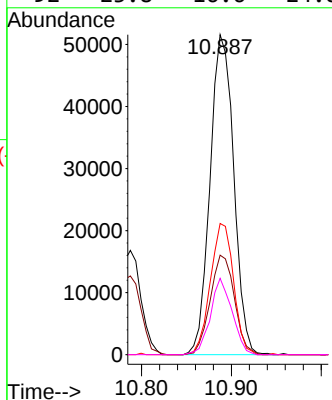
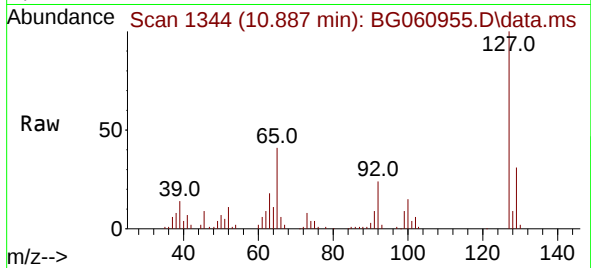




#33  
4-Chloroaniline  
Concen: 36.667 ng  
RT: 10.887 min Scan# 11  
Delta R.T. -0.004 min  
Lab File: BG060955.D  
Acq: 19 Apr 2024 11:24

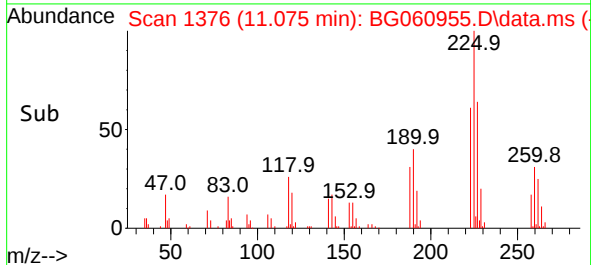
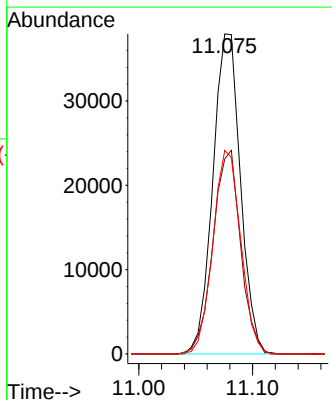
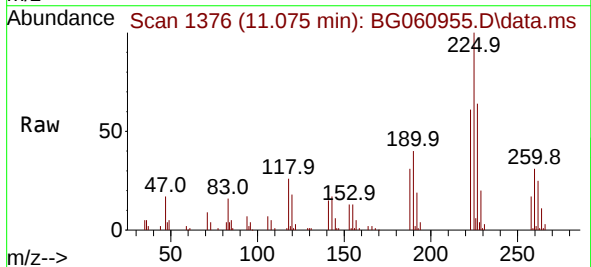
Instrument :  
BNA\_G  
ClientSampleId :  
SSTDCCC040

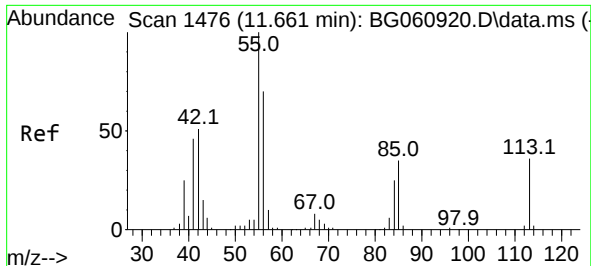
|             |       |           |
|-------------|-------|-----------|
| Tgt Ion:127 | Resp: | 94500     |
| Ion Ratio   | Lower | Upper     |
| 127         | 100   |           |
| 129         | 31.1  | 26.8 40.2 |
| 65          | 41.0  | 32.3 48.5 |
| 92          | 23.8  | 16.6 24.8 |



#34  
Hexachlorobutadiene  
Concen: 47.590 ng  
RT: 11.075 min Scan# 1376  
Delta R.T. -0.004 min  
Lab File: BG060955.D  
Acq: 19 Apr 2024 11:24

|             |       |           |
|-------------|-------|-----------|
| Tgt Ion:225 | Resp: | 64019     |
| Ion Ratio   | Lower | Upper     |
| 225         | 100   |           |
| 223         | 60.9  | 50.2 75.2 |
| 227         | 63.6  | 51.7 77.5 |

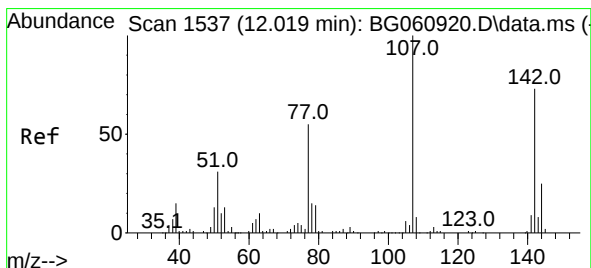
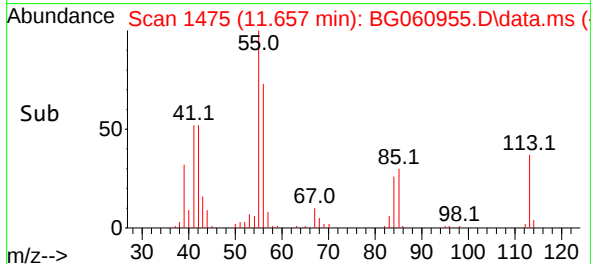
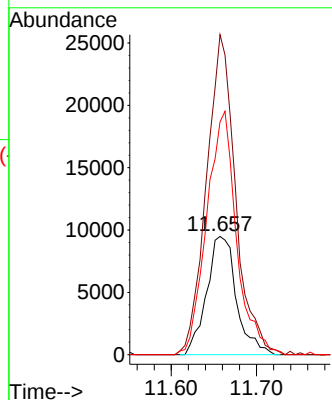
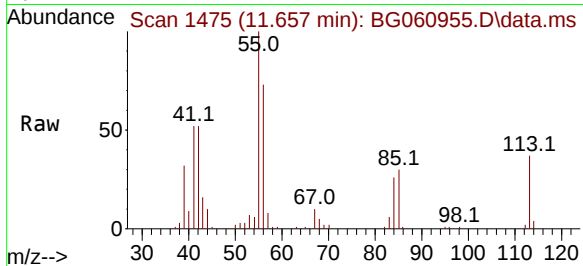




#35  
Caprolactam  
Concen: 35.338 ng  
RT: 11.657 min Scan# 1476  
Delta R.T. -0.004 min  
Lab File: BG060955.D  
Acq: 19 Apr 2024 11:24

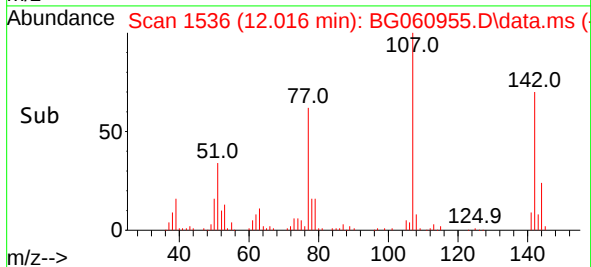
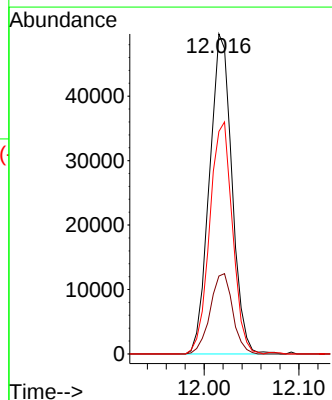
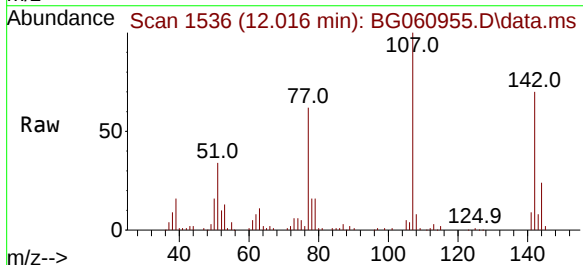
Instrument :  
BNA\_G  
ClientSampleId :  
SSTDCCC040

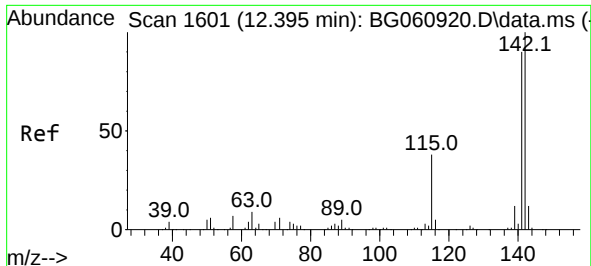
Tgt Ion:113 Resp: 23017  
Ion Ratio Lower Upper  
113 100  
55 270.5 262.6 302.6  
56 196.9 177.0 217.0



#36  
4-Chloro-3-methylphenol  
Concen: 38.368 ng  
RT: 12.016 min Scan# 1536  
Delta R.T. -0.004 min  
Lab File: BG060955.D  
Acq: 19 Apr 2024 11:24

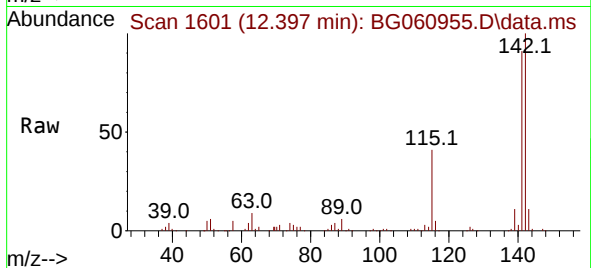
Tgt Ion:107 Resp: 81862  
Ion Ratio Lower Upper  
107 100  
144 24.4 19.7 29.5  
142 69.6 58.2 87.2



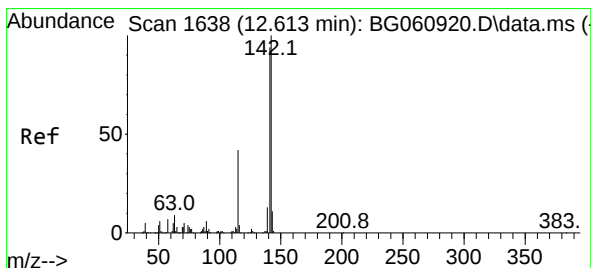
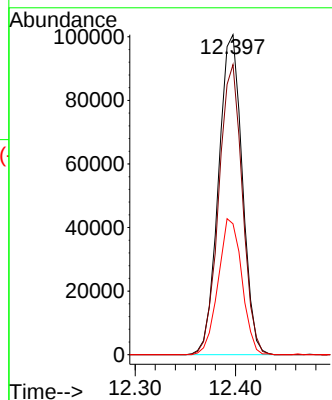
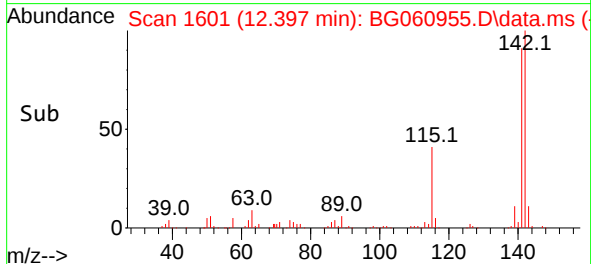


#37  
2-Methylnaphthalene  
Concen: 39.739 ng  
RT: 12.397 min Scan# 1601  
Delta R.T. 0.002 min  
Lab File: BG060955.D  
Acq: 19 Apr 2024 11:24

Instrument :  
BNA\_G  
ClientSampleId :  
SSTDCCC040

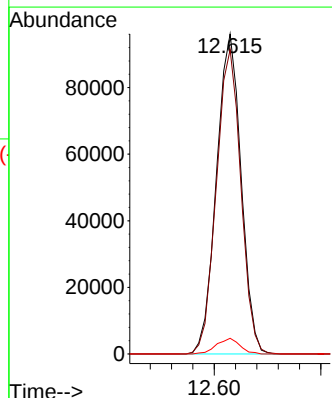
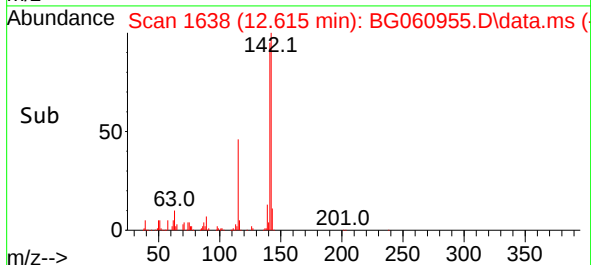
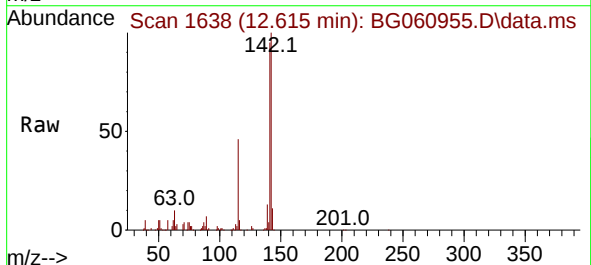


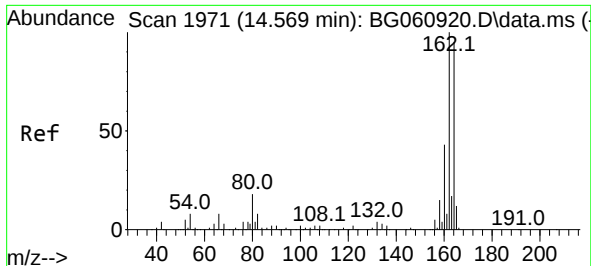
Tgt Ion:142 Resp: 165319  
Ion Ratio Lower Upper  
142 100  
141 90.7 71.7 107.5  
115 40.9 30.6 45.8



#38  
1-Methylnaphthalene  
Concen: 39.109 ng  
RT: 12.615 min Scan# 1638  
Delta R.T. 0.002 min  
Lab File: BG060955.D  
Acq: 19 Apr 2024 11:24

Tgt Ion:142 Resp: 153599  
Ion Ratio Lower Upper  
142 100  
141 95.1 75.1 112.7  
116 4.9 3.3 4.9

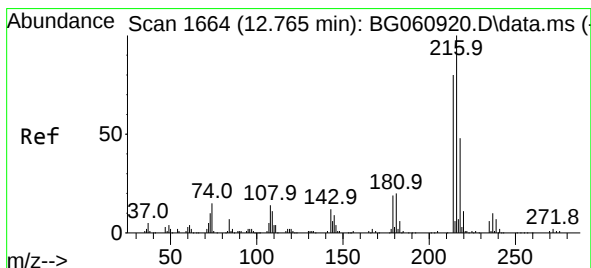
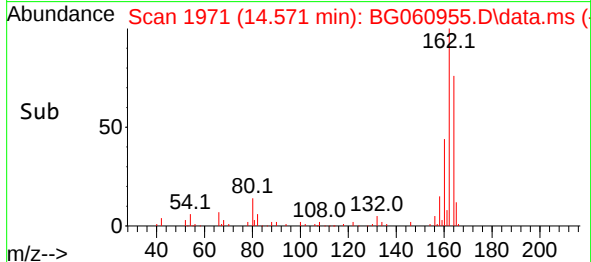
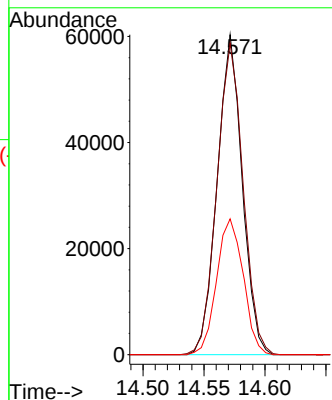
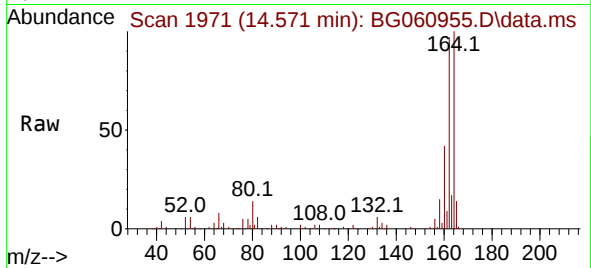




#39  
Acenaphthene-d10  
Concen: 20.000 ng  
RT: 14.571 min Scan# 1971  
Delta R.T. 0.002 min  
Lab File: BG060955.D  
Acq: 19 Apr 2024 11:24

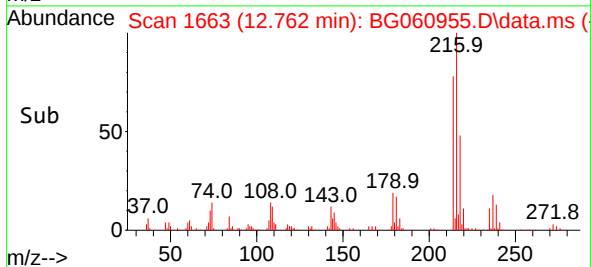
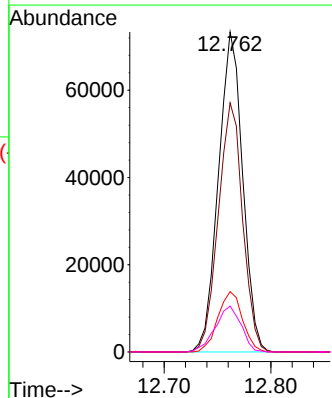
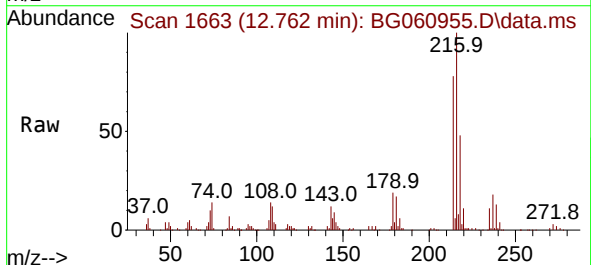
Instrument :  
BNA\_G  
ClientSampleId :  
SSTDCCC040

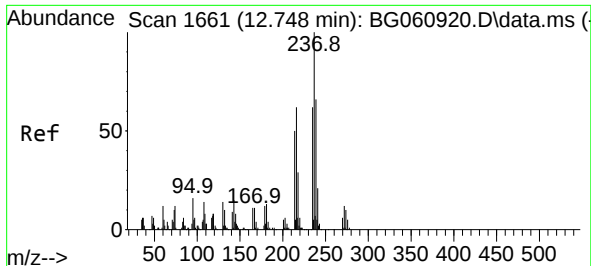
Tgt Ion:164 Resp: 86076  
Ion Ratio Lower Upper  
164 100  
162 97.3 84.1 126.1  
160 42.5 35.9 53.9



#40  
1,2,4,5-Tetrachlorobenzene  
Concen: 43.552 ng  
RT: 12.762 min Scan# 1663  
Delta R.T. -0.004 min  
Lab File: BG060955.D  
Acq: 19 Apr 2024 11:24

Tgt Ion:216 Resp: 115681  
Ion Ratio Lower Upper  
216 100  
214 78.1 62.8 94.2  
179 19.2 15.2 22.8  
108 15.3 12.1 18.1

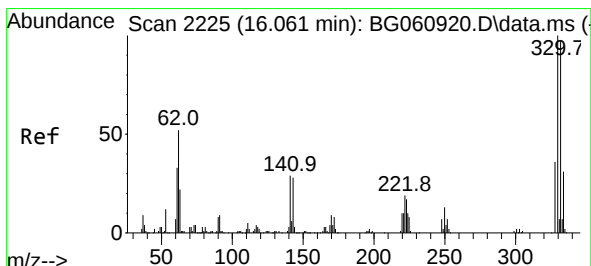
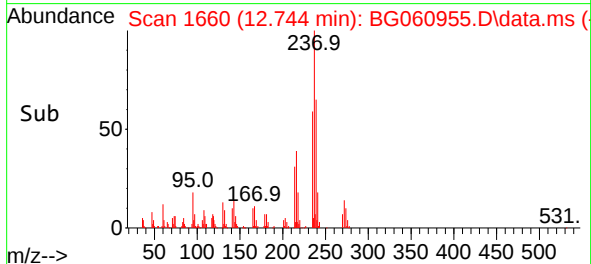
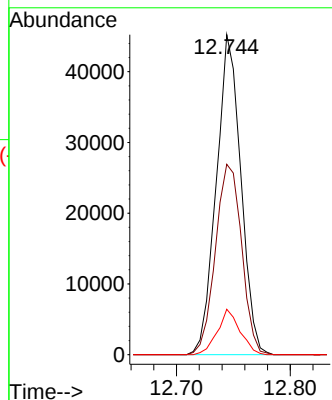
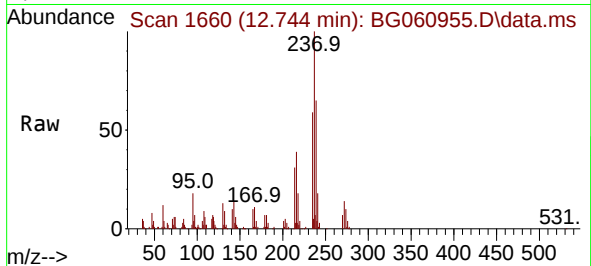




#41  
Hexachlorocyclopentadiene  
Concen: 49.958 ng  
RT: 12.744 min Scan# 1660  
Delta R.T. -0.004 min  
Lab File: BG060955.D  
Acq: 19 Apr 2024 11:24

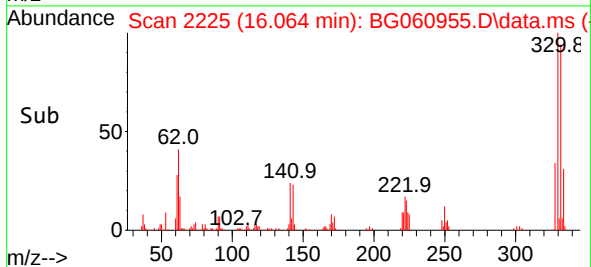
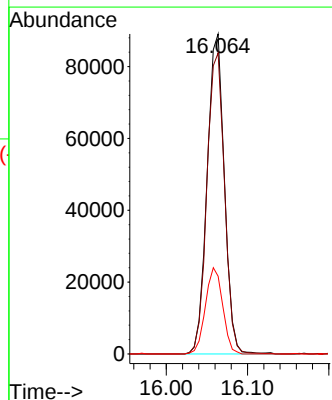
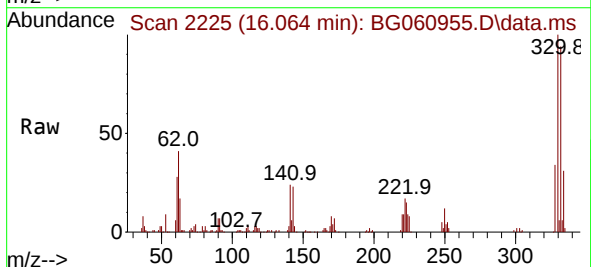
Instrument :  
BNA\_G  
ClientSampleId :  
SSTDCCC040

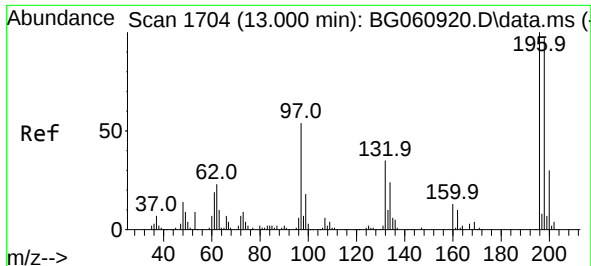
Tgt Ion:237 Resp: 67852  
Ion Ratio Lower Upper  
237 100  
235 59.5 41.8 81.8  
272 14.2 0.0 32.2



#42  
2,4,6-Tribromophenol  
Concen: 92.208 ng  
RT: 16.064 min Scan# 2225  
Delta R.T. 0.002 min  
Lab File: BG060955.D  
Acq: 19 Apr 2024 11:24

Tgt Ion:330 Resp: 131120  
Ion Ratio Lower Upper  
330 100  
332 96.1 76.9 115.3  
141 27.0 23.7 35.5

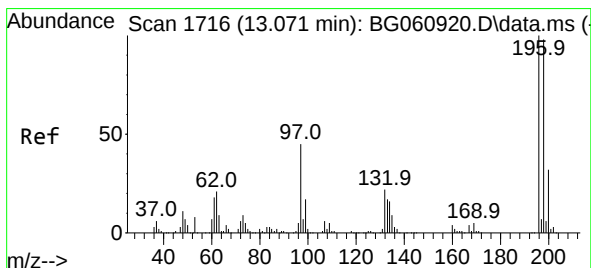
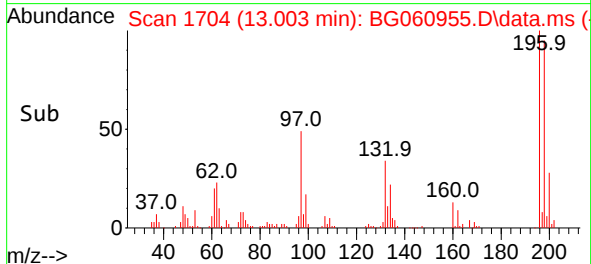
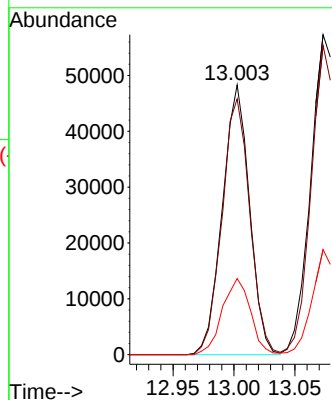
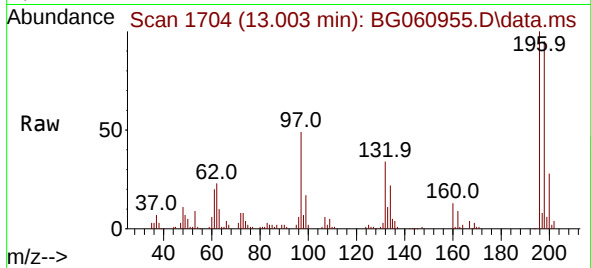




#43  
2,4,6-Trichlorophenol  
Concen: 40.610 ng  
RT: 13.003 min Scan# 1  
Delta R.T. 0.002 min  
Lab File: BG060955.D  
Acq: 19 Apr 2024 11:24

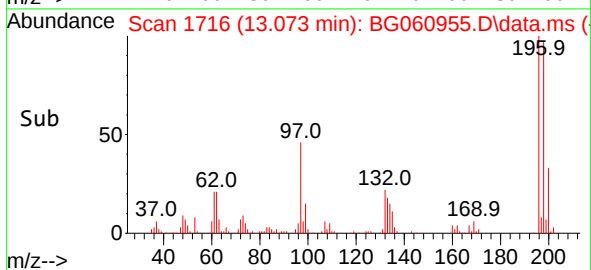
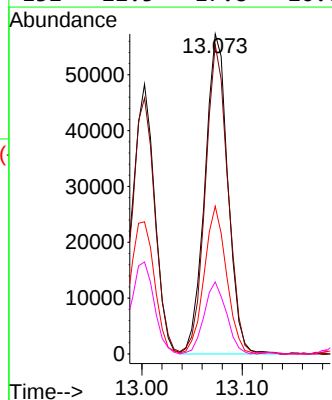
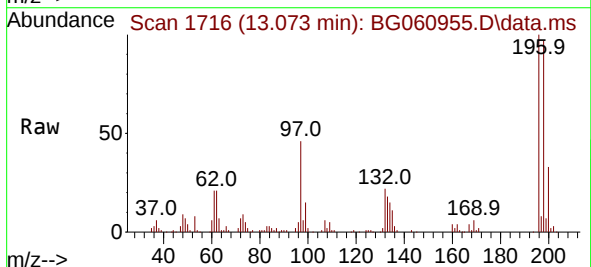
Instrument :  
BNA\_G  
ClientSampleId :  
SSTDCCC040

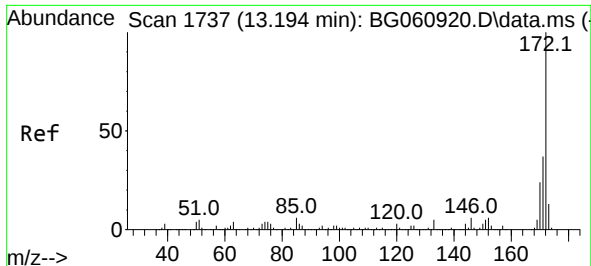
Tgt Ion:196 Resp: 75009  
Ion Ratio Lower Upper  
196 100  
198 94.8 77.9 116.9  
200 28.3 24.3 36.5



#44  
2,4,5-Trichlorophenol  
Concen: 40.924 ng  
RT: 13.073 min Scan# 1716  
Delta R.T. 0.002 min  
Lab File: BG060955.D  
Acq: 19 Apr 2024 11:24

Tgt Ion:196 Resp: 91156  
Ion Ratio Lower Upper  
196 100  
198 96.6 78.2 117.4  
97 46.1 35.9 53.9  
132 22.5 17.8 26.6

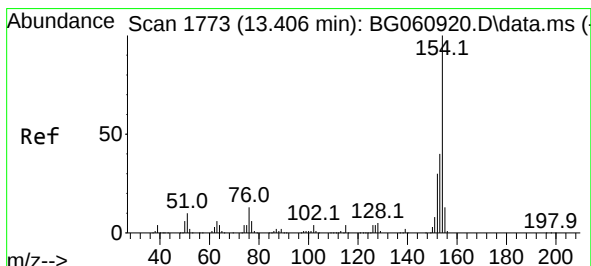
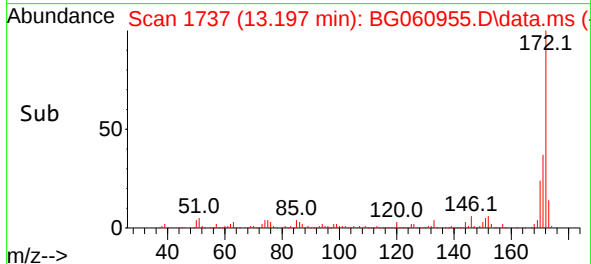
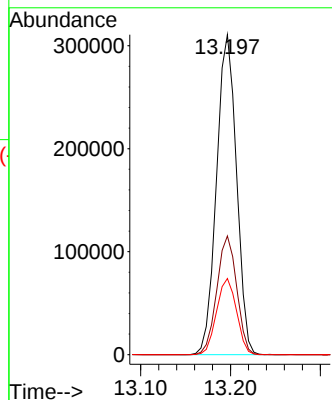
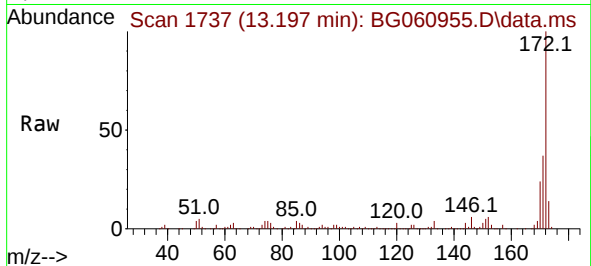




#45  
2-Fluorobiphenyl  
Concen: 81.774 ng  
RT: 13.197 min Scan# 1737  
Delta R.T. 0.002 min  
Lab File: BG060955.D  
Acq: 19 Apr 2024 11:24

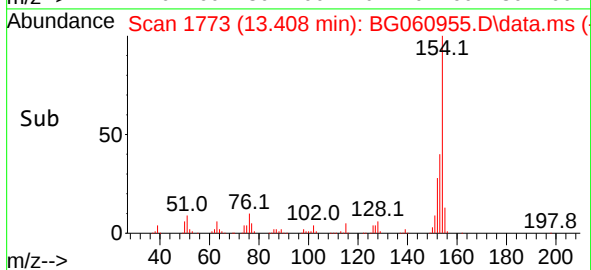
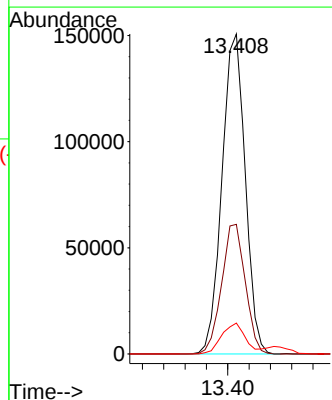
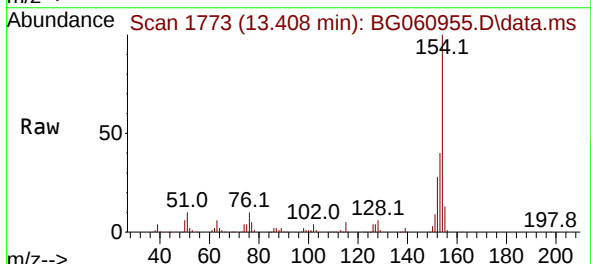
Instrument :  
BNA\_G  
ClientSampleId :  
SSTDCCC040

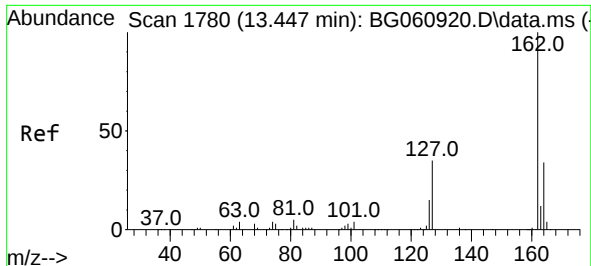
Tgt Ion:172 Resp: 479658  
Ion Ratio Lower Upper  
172 100  
171 37.1 29.3 43.9  
170 23.8 19.5 29.3



#46  
1,1'-Biphenyl  
Concen: 38.885 ng  
RT: 13.408 min Scan# 1773  
Delta R.T. 0.002 min  
Lab File: BG060955.D  
Acq: 19 Apr 2024 11:24

Tgt Ion:154 Resp: 227582  
Ion Ratio Lower Upper  
154 100  
153 40.5 19.9 59.9  
76 9.6 0.0 32.7





#47

2-Chloronaphthalene

Concen: 38.722 ng

RT: 13.443 min Scan# 1

Delta R.T. -0.004 min

Lab File: BG060955.D

Acq: 19 Apr 2024 11:24

Instrument :

BNA\_G

ClientSampleId :

SSTDCCC040

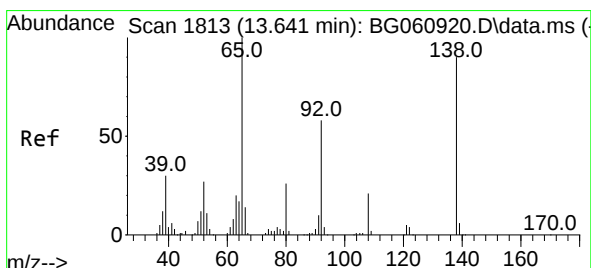
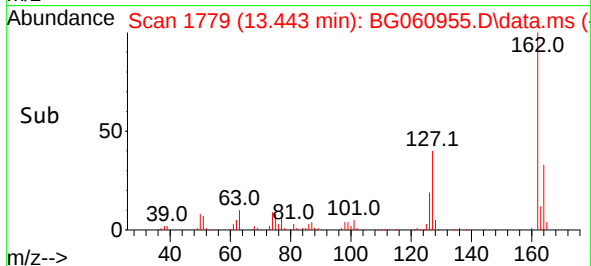
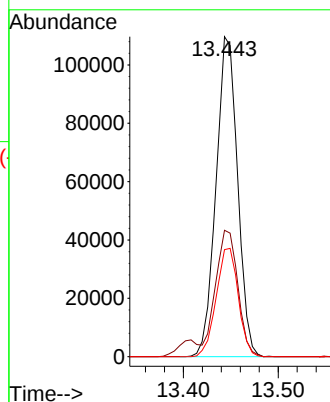
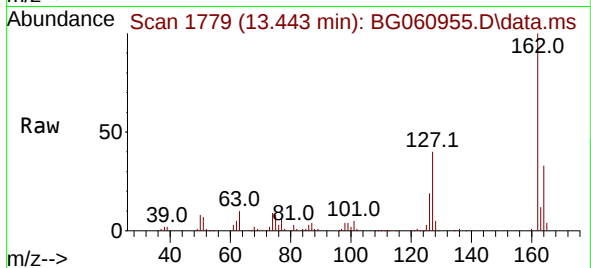
Tgt Ion:162 Resp: 173452

Ion Ratio Lower Upper

162 100

127 39.5 31.0 46.6

164 33.4 27.2 40.8



#48

2-Nitroaniline

Concen: 38.153 ng

RT: 13.643 min Scan# 1813

Delta R.T. 0.002 min

Lab File: BG060955.D

Acq: 19 Apr 2024 11:24

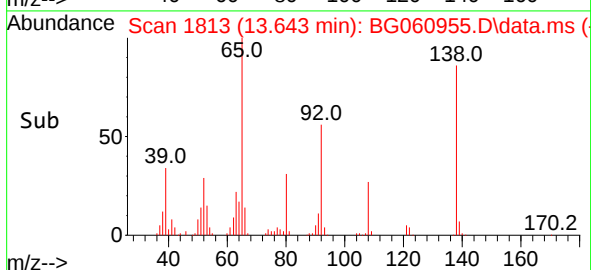
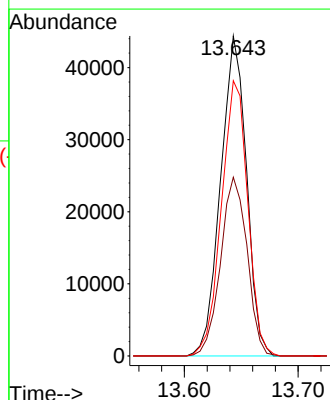
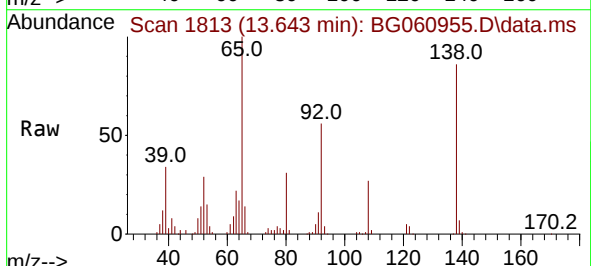
Tgt Ion: 65 Resp: 70131

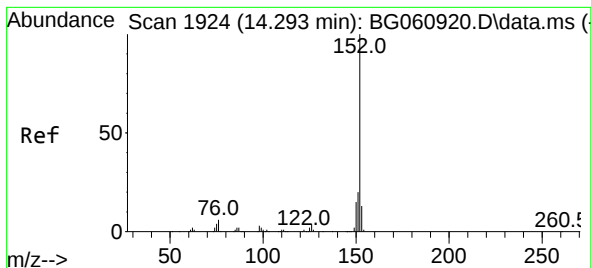
Ion Ratio Lower Upper

65 100

92 55.9 46.5 69.7

138 86.0 71.8 107.8





#49

Acenaphthylene

Concen: 38.813 ng

RT: 14.289 min Scan# 1923

Delta R.T. -0.004 min

Lab File: BG060955.D

Acq: 19 Apr 2024 11:24

Instrument :

BNA\_G

ClientSampleId :

SSTDCCC040

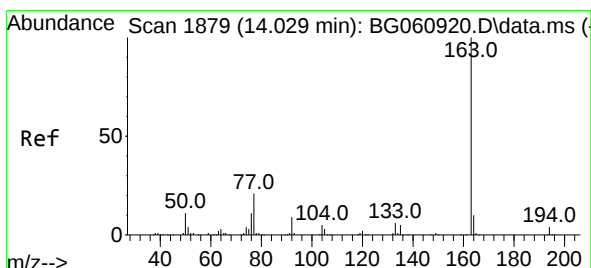
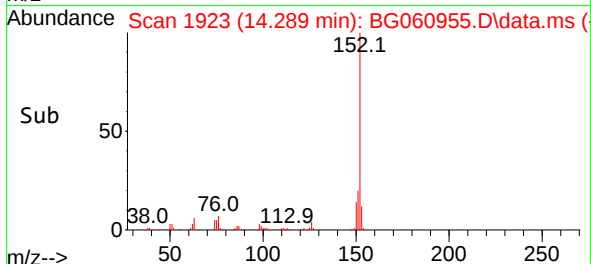
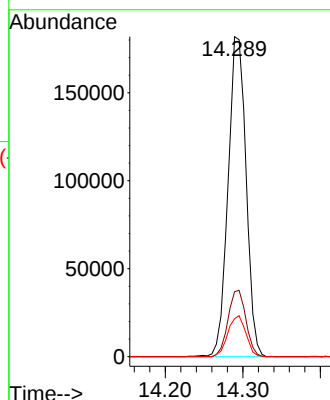
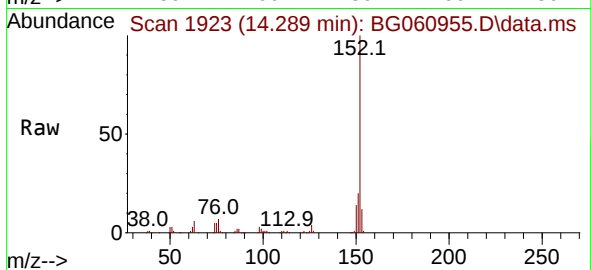
Tgt Ion:152 Resp: 293992

Ion Ratio Lower Upper

152 100

151 20.3 16.3 24.5

153 11.9 10.4 15.6



#50

Dimethylphthalate

Concen: 38.632 ng

RT: 14.031 min Scan# 1879

Delta R.T. 0.002 min

Lab File: BG060955.D

Acq: 19 Apr 2024 11:24

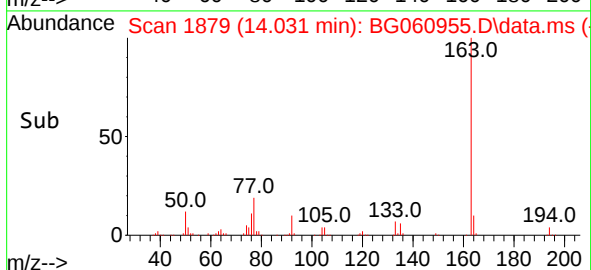
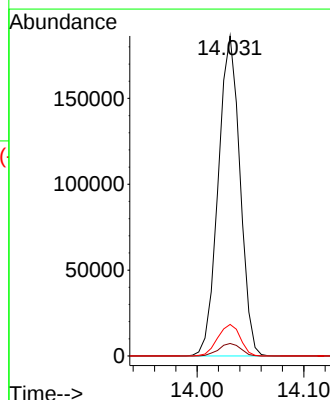
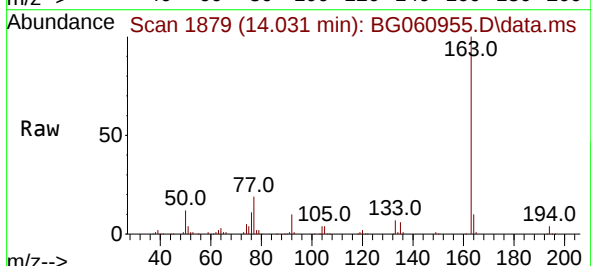
Tgt Ion:163 Resp: 263876

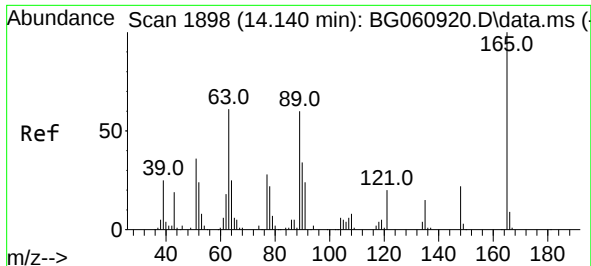
Ion Ratio Lower Upper

163 100

194 3.9 3.2 4.8

164 9.9 8.2 12.2

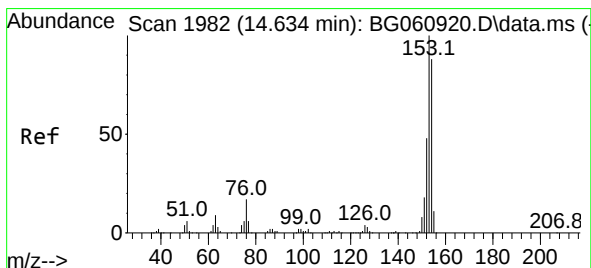
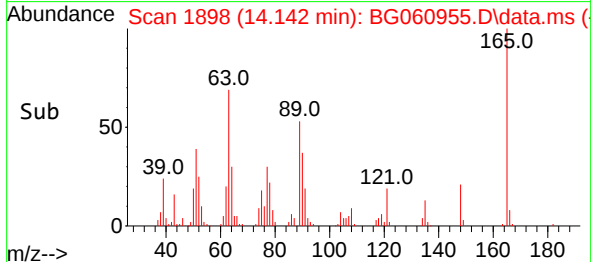
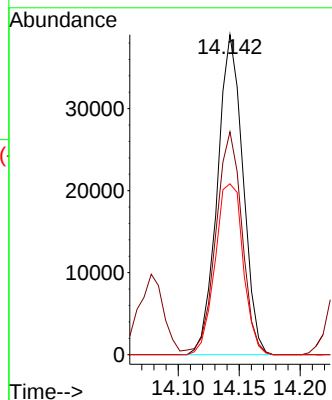
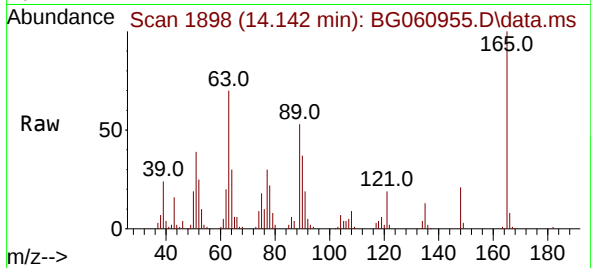




#51  
2,6-Dinitrotoluene  
Concen: 40.864 ng  
RT: 14.142 min Scan# 1898  
Delta R.T. 0.002 min  
Lab File: BG060955.D  
Acq: 19 Apr 2024 11:24

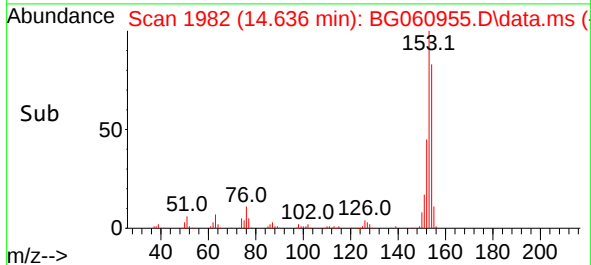
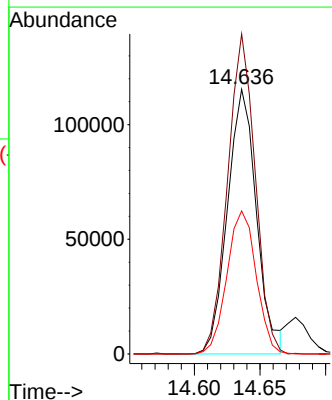
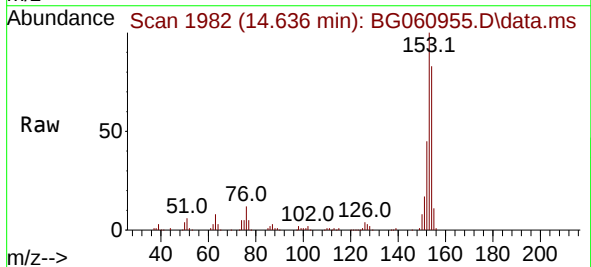
Instrument :  
BNA\_G  
ClientSampleId :  
SSTDCCC040

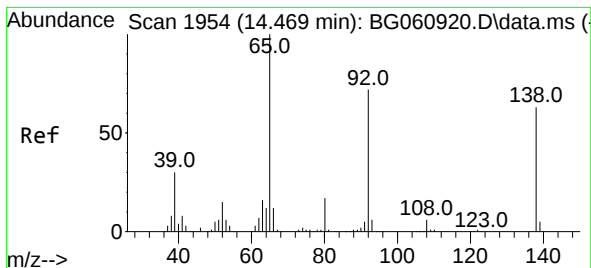
Tgt Ion:165 Resp: 56889  
Ion Ratio Lower Upper  
165 100  
63 69.7 53.8 80.8  
89 53.4 48.2 72.4



#52  
Acenaphthene  
Concen: 38.696 ng  
RT: 14.636 min Scan# 1982  
Delta R.T. 0.002 min  
Lab File: BG060955.D  
Acq: 19 Apr 2024 11:24

Tgt Ion:154 Resp: 177762  
Ion Ratio Lower Upper  
154 100  
153 120.9 91.4 137.0  
152 54.1 44.1 66.1





#53

3-Nitroaniline

Concen: 36.295 ng

RT: 14.471 min Scan# 1954

Delta R.T. 0.002 min

Lab File: BG060955.D

Acq: 19 Apr 2024 11:24

Instrument :

BNA\_G

ClientSampleId :

SSTDCCC040

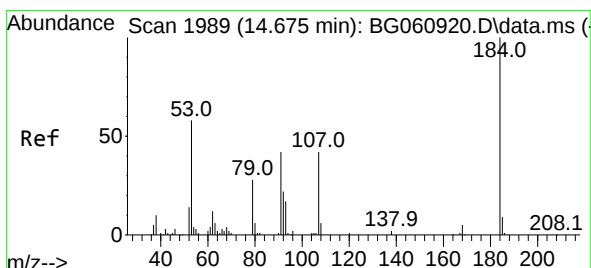
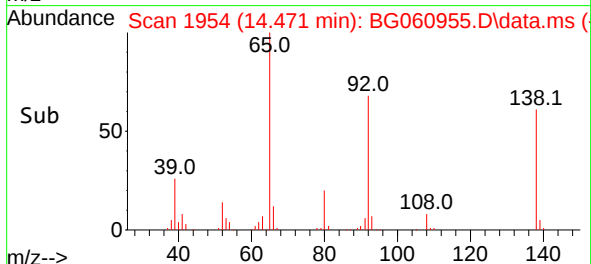
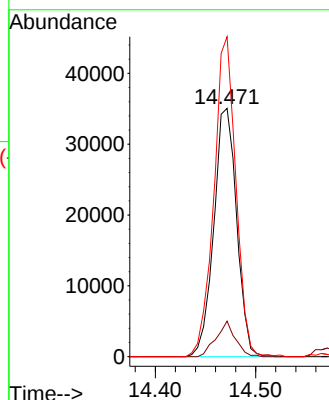
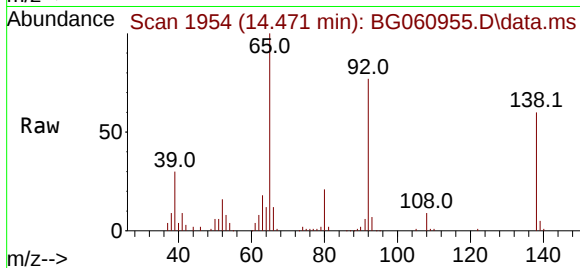
Tgt Ion:138 Resp: 55467

Ion Ratio Lower Upper

138 100

108 14.3 7.5 11.3#

92 128.9 92.5 138.7



#54

2,4-Dinitrophenol

Concen: 41.560 ng

RT: 14.677 min Scan# 1989

Delta R.T. 0.002 min

Lab File: BG060955.D

Acq: 19 Apr 2024 11:24

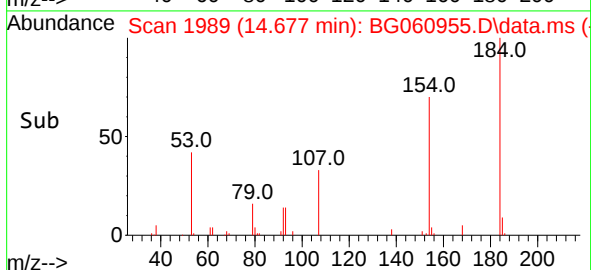
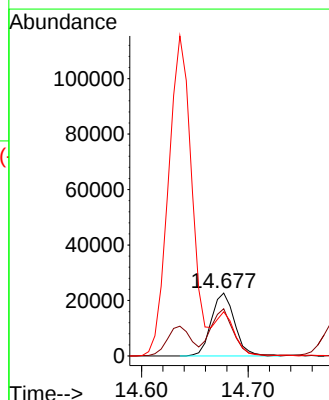
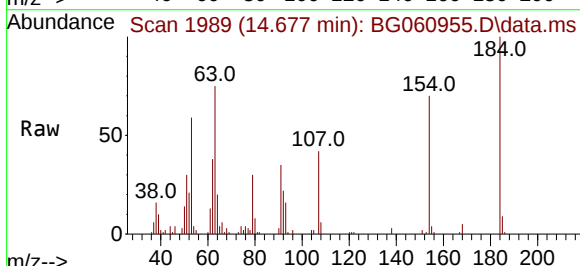
Tgt Ion:184 Resp: 34470

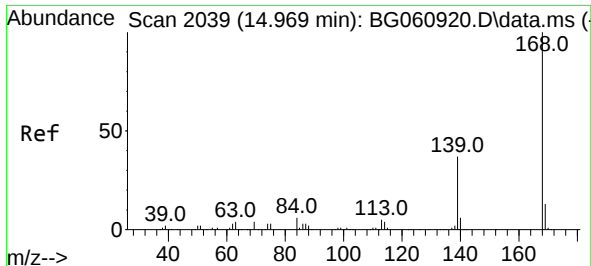
Ion Ratio Lower Upper

184 100

63 75.1 52.0 78.0

154 70.3 50.7 76.1

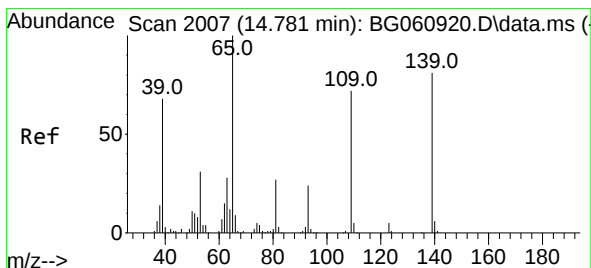
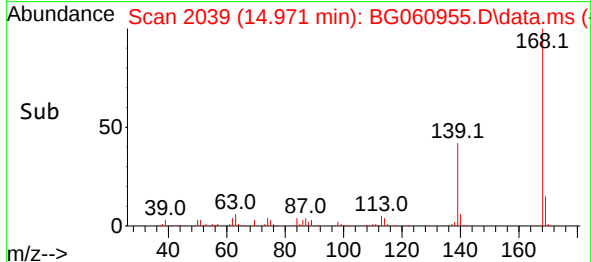
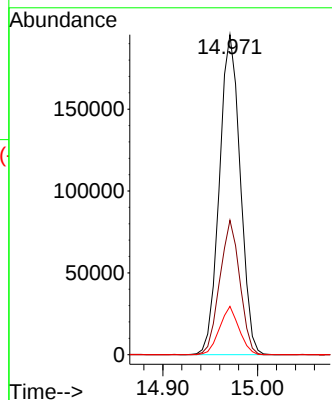
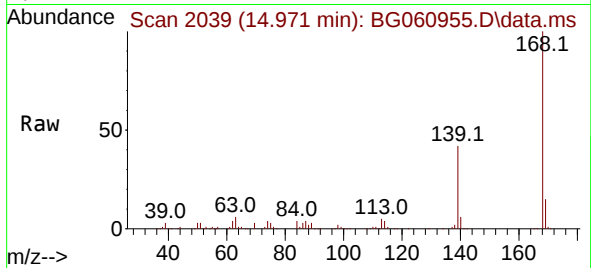




#55  
Dibenzenofuran  
Concen: 38.509 ng  
RT: 14.971 min Scan# 2039  
Delta R.T. 0.002 min  
Lab File: BG060955.D  
Acq: 19 Apr 2024 11:24

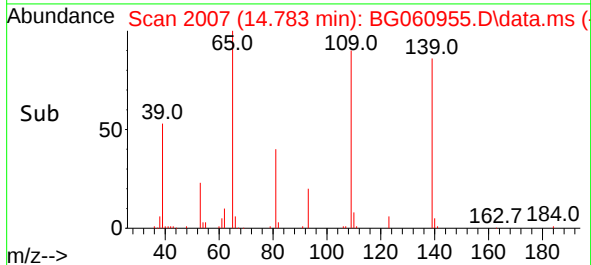
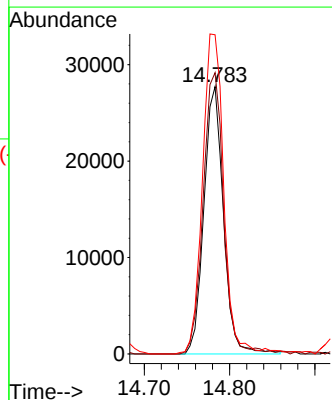
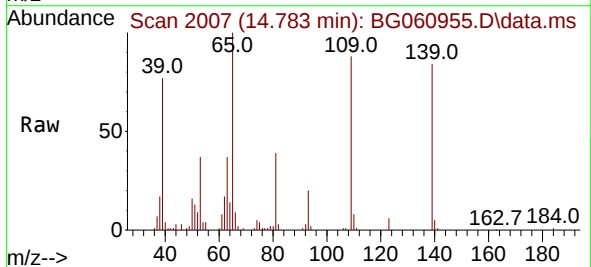
Instrument :  
BNA\_G  
ClientSampleId :  
SSTDCCC040

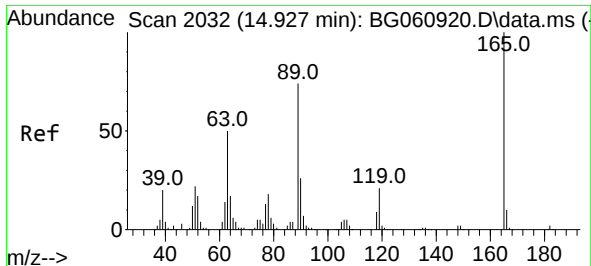
Tgt Ion:168 Resp: 298834  
Ion Ratio Lower Upper  
168 100  
139 42.0 29.9 44.9  
169 15.1 10.6 16.0



#56  
4-Nitrophenol  
Concen: 37.826 ng  
RT: 14.783 min Scan# 2007  
Delta R.T. 0.002 min  
Lab File: BG060955.D  
Acq: 19 Apr 2024 11:24

Tgt Ion:139 Resp: 44259  
Ion Ratio Lower Upper  
139 100  
109 105.3 69.7 109.7  
65 119.4 103.7 143.7





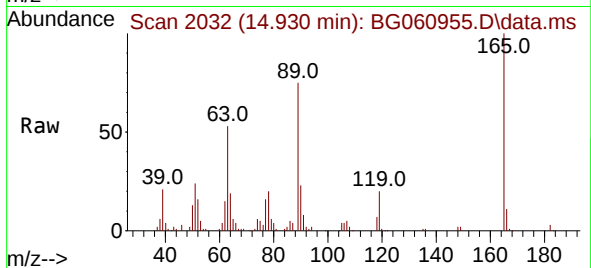
#57  
2,4-Dinitrotoluene  
Concen: 40.485 ng  
RT: 14.930 min Scan# 2032  
Delta R.T. 0.002 min  
Lab File: BG060955.D  
Acq: 19 Apr 2024 11:24

Instrument :

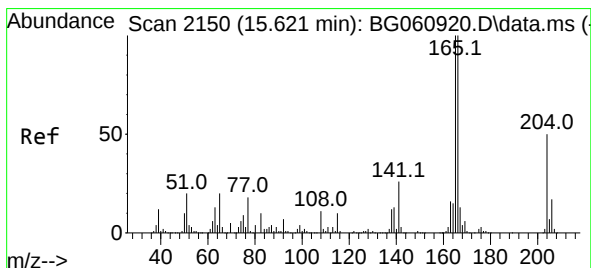
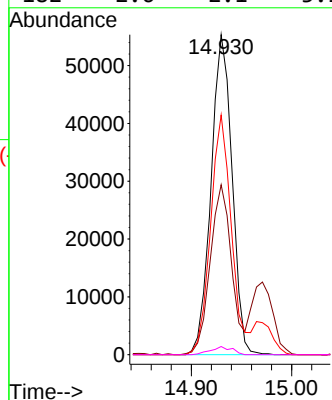
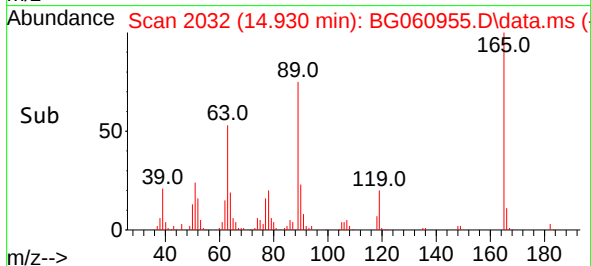
BNA\_G

ClientSampleId :

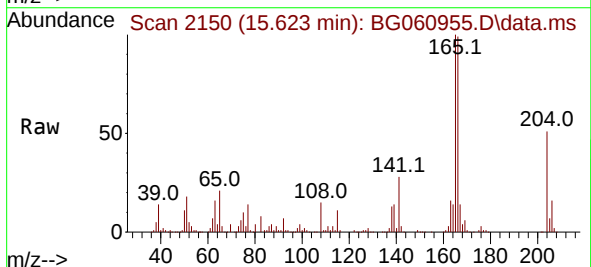
SSTDCCC040



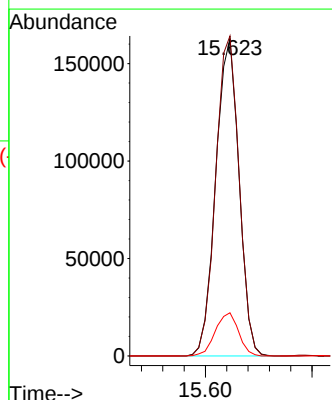
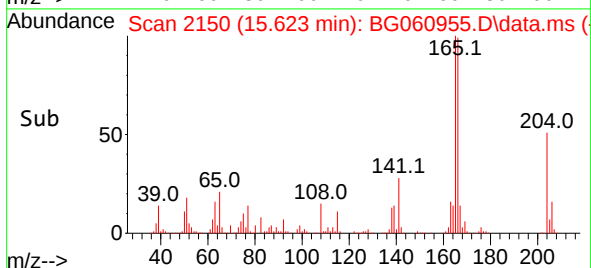
Tgt Ion:165 Resp: 80539  
Ion Ratio Lower Upper  
165 100  
63 53.1 40.2 60.2  
89 74.9 59.0 88.4  
182 2.6 2.1 3.1

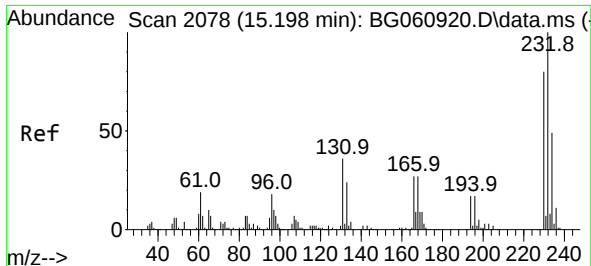


#58  
Fluorene  
Concen: 38.261 ng  
RT: 15.623 min Scan# 2150  
Delta R.T. 0.002 min  
Lab File: BG060955.D  
Acq: 19 Apr 2024 11:24



Tgt Ion:166 Resp: 246281  
Ion Ratio Lower Upper  
166 100  
165 100.9 80.2 120.4  
167 13.6 10.4 15.6

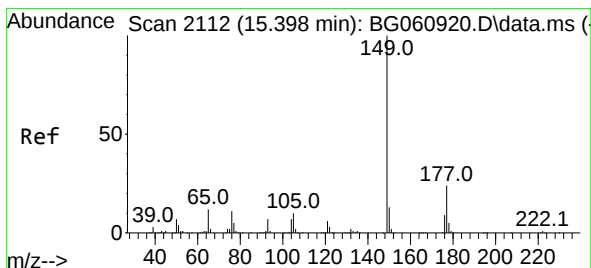
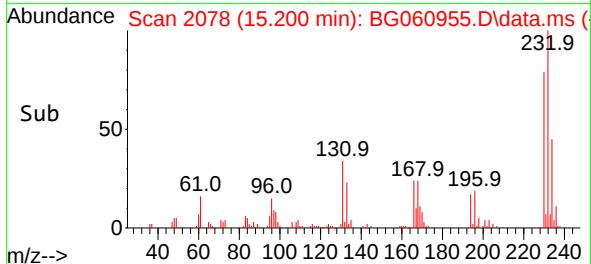
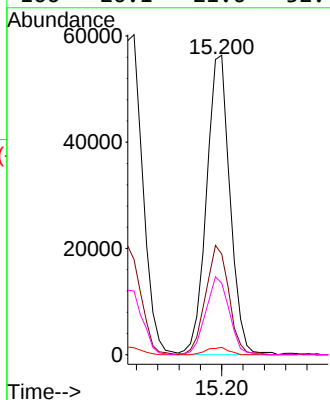
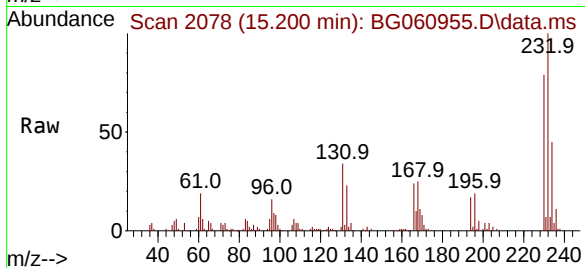




#59  
2,3,4,6-Tetrachlorophenol  
Concen: 42.060 ng  
RT: 15.200 min Scan# 2078  
Delta R.T. 0.002 min  
Lab File: BG060955.D  
Acq: 19 Apr 2024 11:24

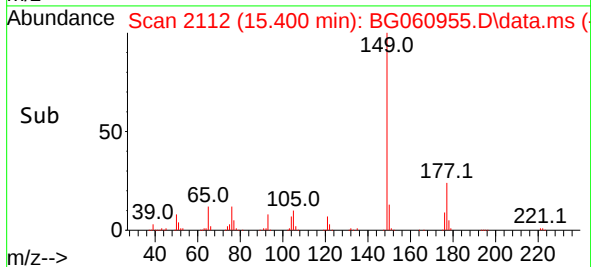
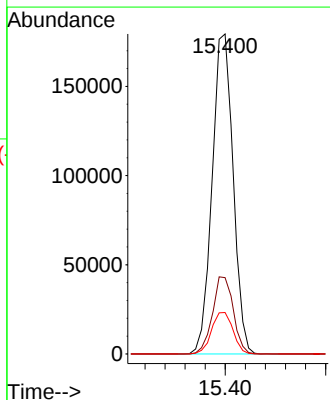
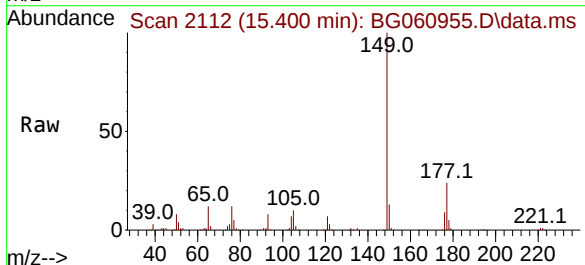
Instrument :  
BNA\_G  
ClientSampleId :  
SSTDCCC040

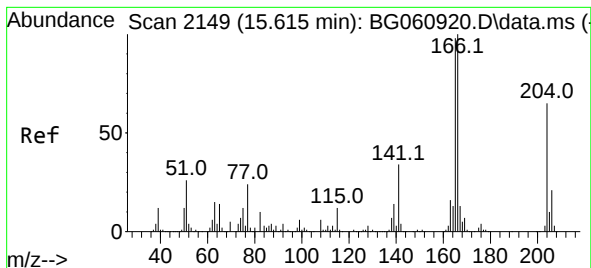
|             |       |           |
|-------------|-------|-----------|
| Tgt Ion:232 | Resp: | 86066     |
| Ion Ratio   | Lower | Upper     |
| 232         | 100   |           |
| 131         | 36.2  | 29.8 44.8 |
| 130         | 2.3   | 1.8 2.8   |
| 166         | 26.1  | 21.6 32.4 |



#60  
Diethylphthalate  
Concen: 38.026 ng  
RT: 15.400 min Scan# 2112  
Delta R.T. 0.002 min  
Lab File: BG060955.D  
Acq: 19 Apr 2024 11:24

|             |       |           |
|-------------|-------|-----------|
| Tgt Ion:149 | Resp: | 260152    |
| Ion Ratio   | Lower | Upper     |
| 149         | 100   |           |
| 177         | 23.8  | 19.0 28.4 |
| 150         | 13.0  | 10.5 15.7 |

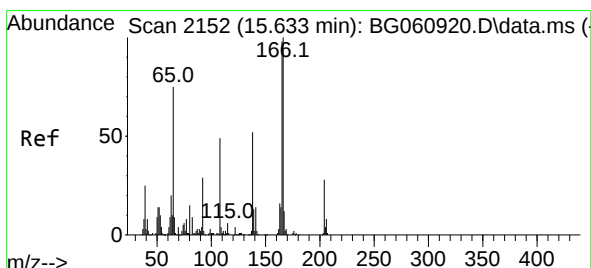
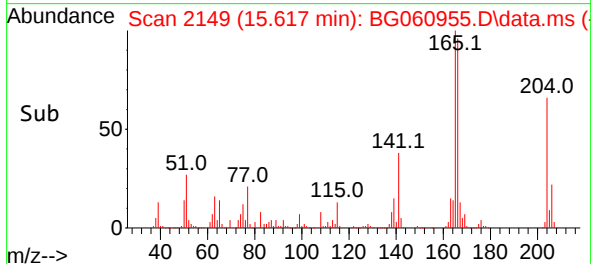
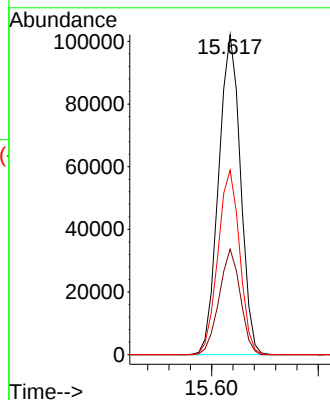
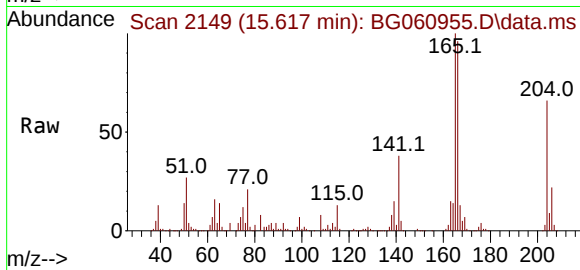




#61  
4-Chlorophenyl-phenylether  
Concen: 40.715 ng  
RT: 15.617 min Scan# 2149  
Delta R.T. 0.002 min  
Lab File: BG060955.D  
Acq: 19 Apr 2024 11:24

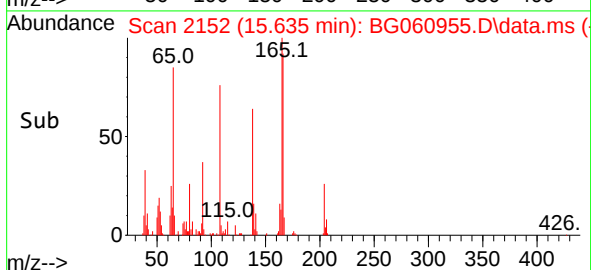
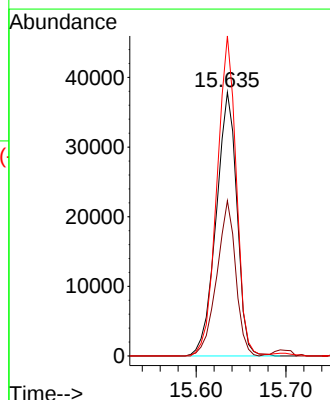
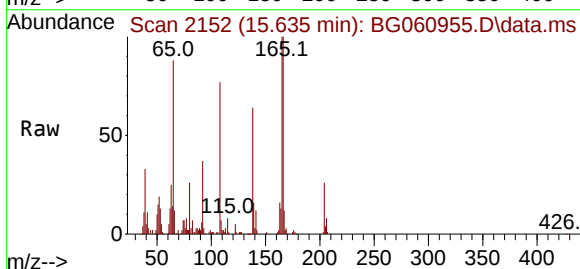
Instrument :  
BNA\_G  
ClientSampleId :  
SSTDCCC040

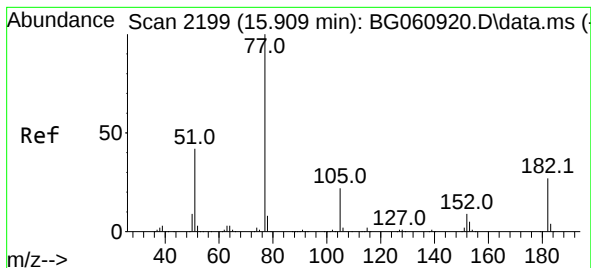
Tgt Ion:204 Resp: 145277  
Ion Ratio Lower Upper  
204 100  
206 33.0 25.4 38.0  
141 57.6 42.0 63.0



#62  
4-Nitroaniline  
Concen: 37.018 ng  
RT: 15.635 min Scan# 2152  
Delta R.T. 0.002 min  
Lab File: BG060955.D  
Acq: 19 Apr 2024 11:24

Tgt Ion:138 Resp: 60826  
Ion Ratio Lower Upper  
138 100  
92 58.9 34.8 74.8  
108 121.4 73.9 113.9#





#63

Azobenzene

Concen: 34.992 ng

RT: 15.911 min Scan# 21

Delta R.T. 0.002 min

Lab File: BG060955.D

Acq: 19 Apr 2024 11:24

Instrument :

BNA\_G

ClientSampleId :

SSTDCCC040

Tgt Ion: 77 Resp: 225631

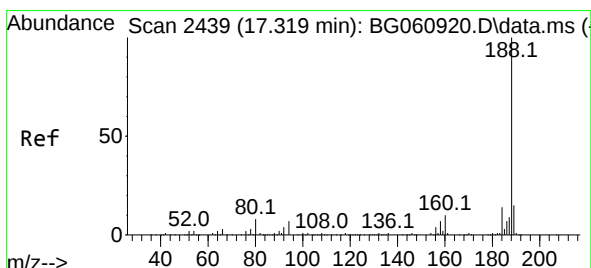
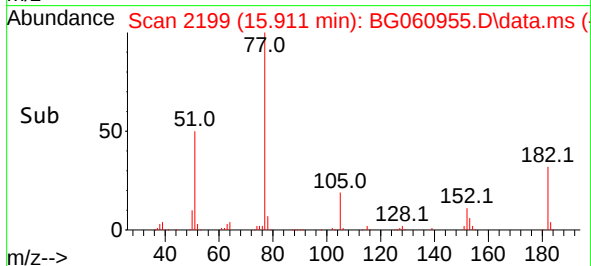
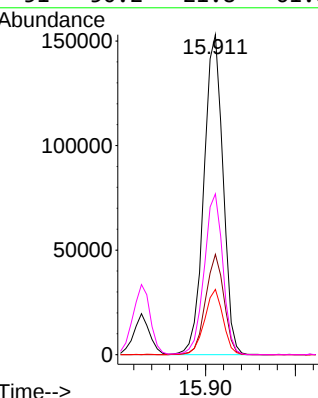
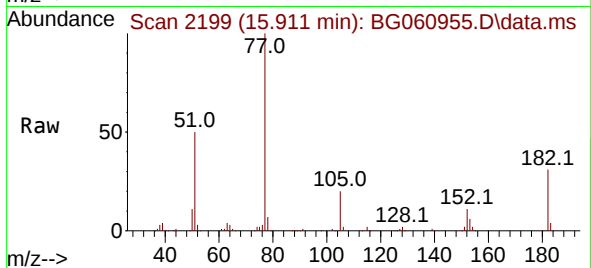
Ion Ratio Lower Upper

77 100

182 31.3 6.8 46.8

105 20.4 1.7 41.7

51 50.2 21.8 61.8



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.315 min Scan# 2438

Delta R.T. -0.004 min

Lab File: BG060955.D

Acq: 19 Apr 2024 11:24

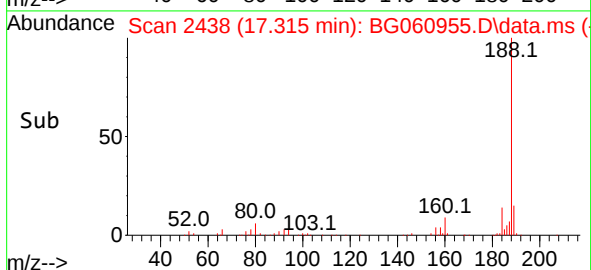
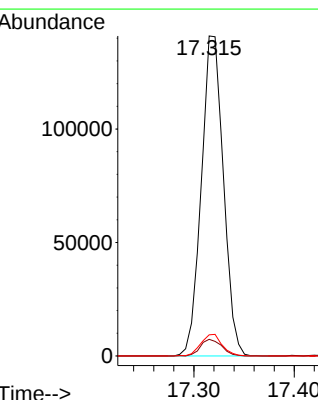
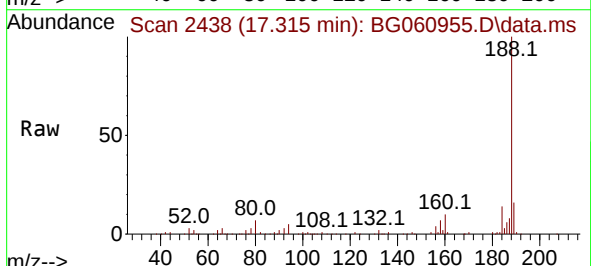
Tgt Ion:188 Resp: 215327

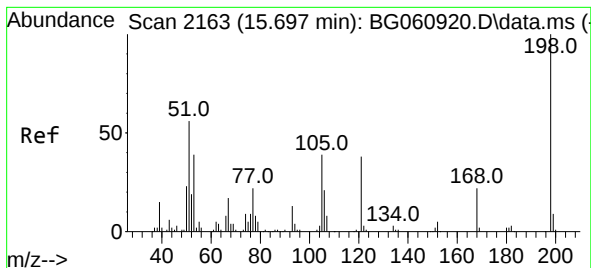
Ion Ratio Lower Upper

188 100

94 5.2 5.7 8.5#

80 6.6 6.6 9.8

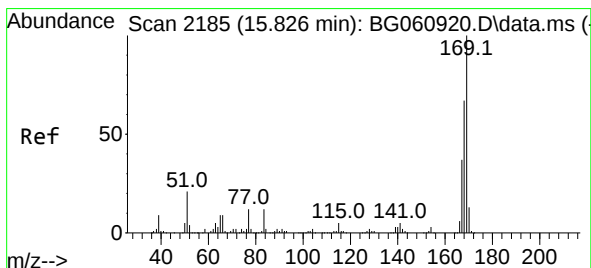
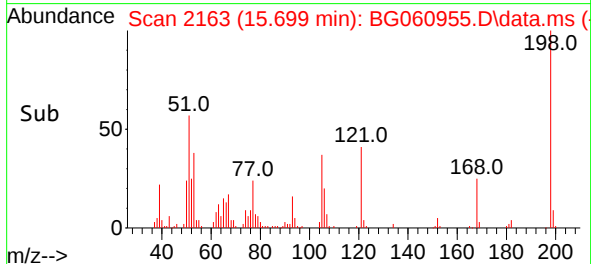
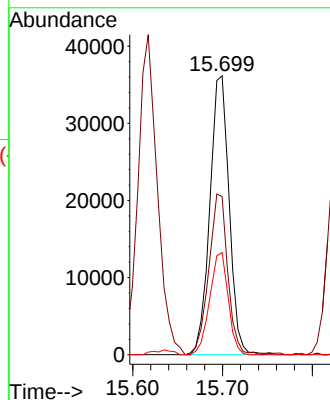
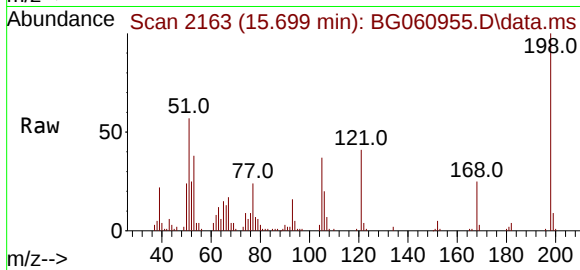




#65  
4,6-Dinitro-2-methylphenol  
Concen: 44.960 ng  
RT: 15.699 min Scan# 2163  
Delta R.T. 0.002 min  
Lab File: BG060955.D  
Acq: 19 Apr 2024 11:24

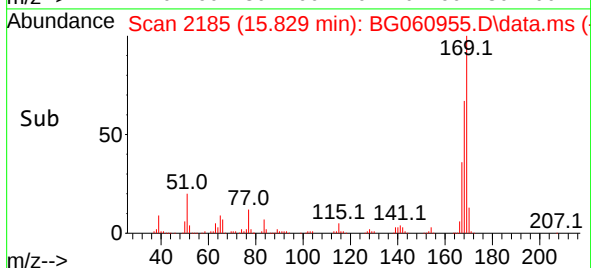
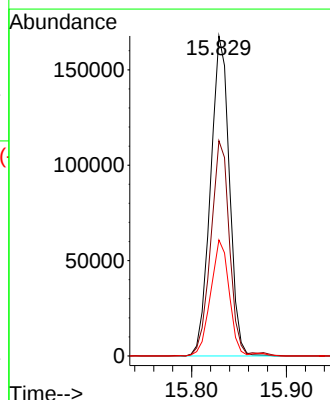
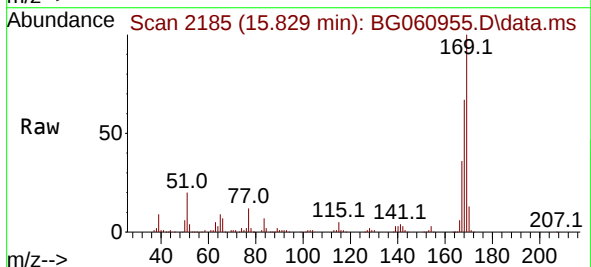
Instrument :  
BNA\_G  
ClientSampleId :  
SSTDCCC040

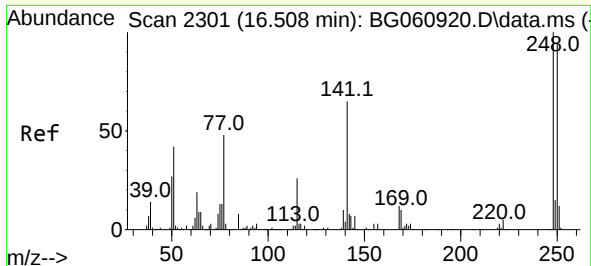
Tgt Ion:198 Resp: 54011  
Ion Ratio Lower Upper  
198 100  
51 56.7 38.2 78.2  
105 36.6 19.7 59.7



#66  
n-Nitrosodiphenylamine  
Concen: 39.109 ng  
RT: 15.829 min Scan# 2185  
Delta R.T. 0.002 min  
Lab File: BG060955.D  
Acq: 19 Apr 2024 11:24

Tgt Ion:169 Resp: 231175  
Ion Ratio Lower Upper  
169 100  
168 67.3 53.7 80.5  
167 36.3 29.8 44.6

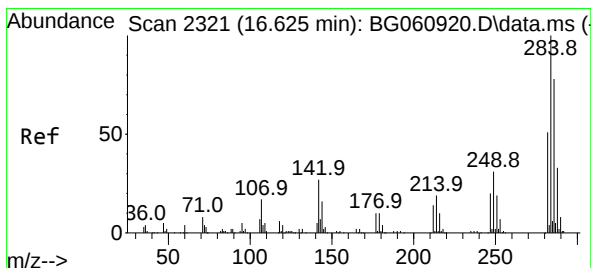
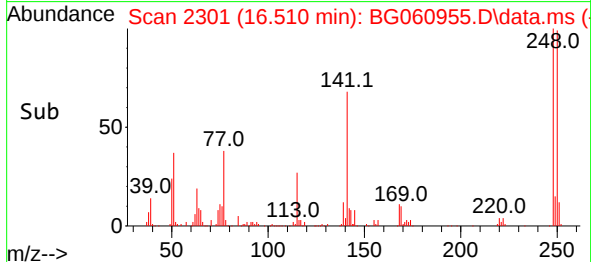
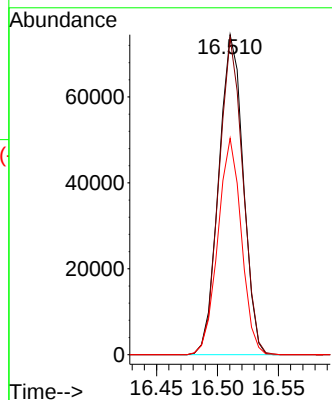
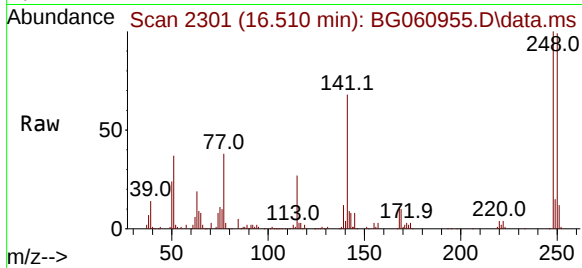




#67  
4-Bromophenyl-phenylether  
Concen: 43.218 ng  
RT: 16.510 min Scan# 21  
Delta R.T. 0.002 min  
Lab File: BG060955.D  
Acq: 19 Apr 2024 11:24

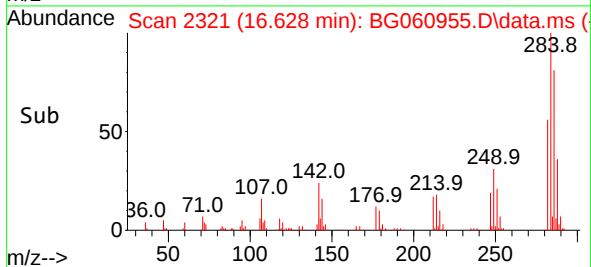
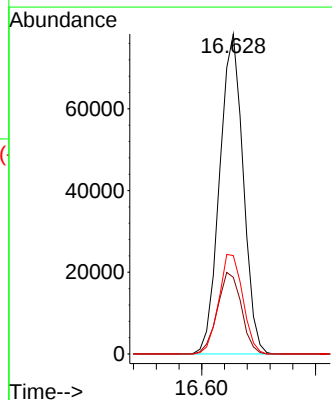
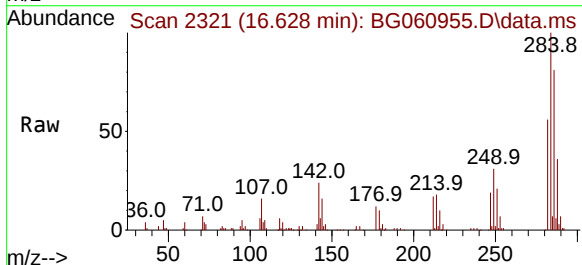
Instrument :  
BNA\_G  
ClientSampleId :  
SSTDCCC040

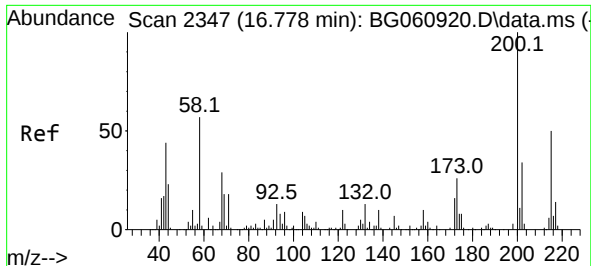
Tgt Ion:248 Resp: 104251  
Ion Ratio Lower Upper  
248 100  
250 99.1 75.4 113.2  
141 67.6 52.2 78.2



#68  
Hexachlorobenzene  
Concen: 42.878 ng  
RT: 16.628 min Scan# 2321  
Delta R.T. 0.003 min  
Lab File: BG060955.D  
Acq: 19 Apr 2024 11:24

Tgt Ion:284 Resp: 112545  
Ion Ratio Lower Upper  
284 100  
142 23.9 21.2 31.8  
249 30.7 24.9 37.3

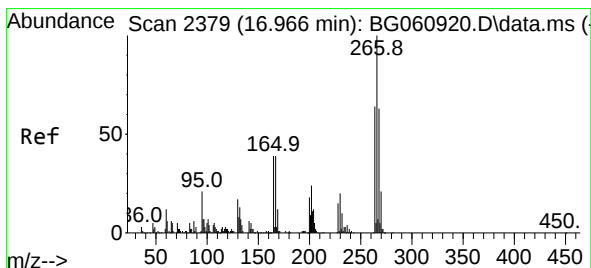
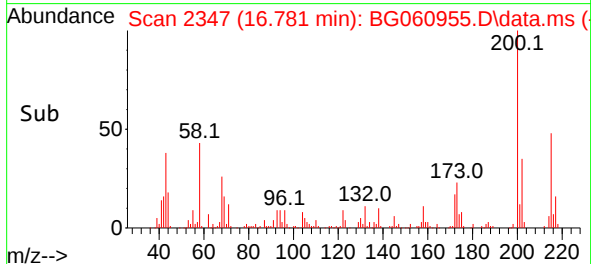
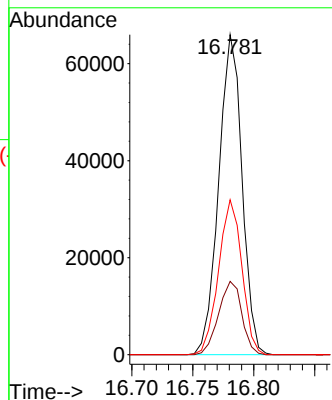
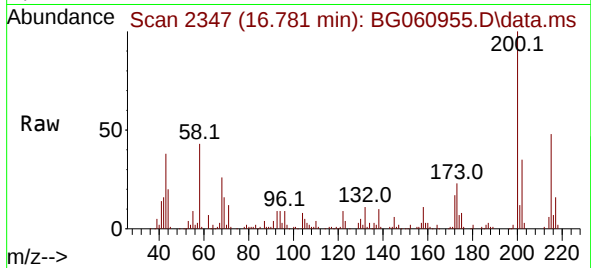




#69  
 Atrazine  
 Concen: 41.313 ng  
 RT: 16.781 min Scan# 21  
 Delta R.T. 0.002 min  
 Lab File: BG060955.D  
 Acq: 19 Apr 2024 11:24

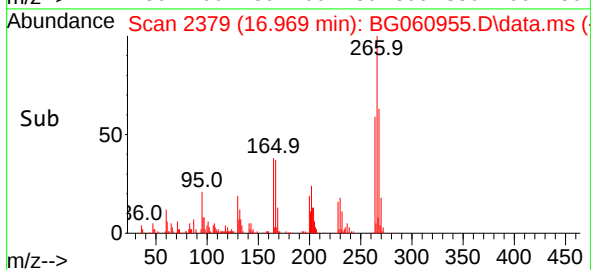
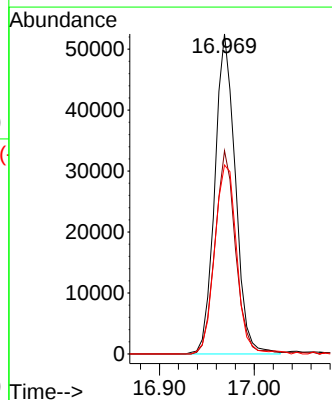
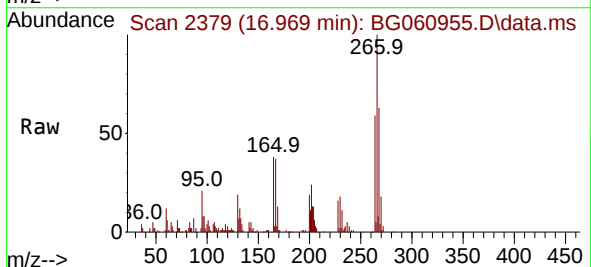
Instrument :  
 BNA\_G  
 ClientSampleId :  
 SSTDCCC040

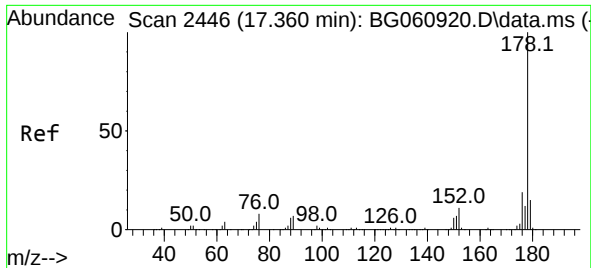
Tgt Ion:200 Resp: 87764  
 Ion Ratio Lower Upper  
 200 100  
 173 22.9 6.5 46.5  
 215 48.4 30.4 70.4



#70  
 Pentachlorophenol  
 Concen: 44.483 ng  
 RT: 16.969 min Scan# 2379  
 Delta R.T. 0.002 min  
 Lab File: BG060955.D  
 Acq: 19 Apr 2024 11:24

Tgt Ion:266 Resp: 79071  
 Ion Ratio Lower Upper  
 266 100  
 268 63.5 50.2 75.2  
 264 59.0 51.2 76.8

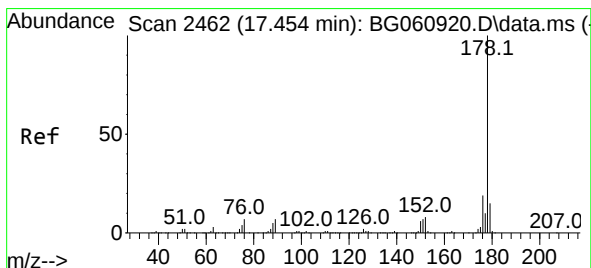
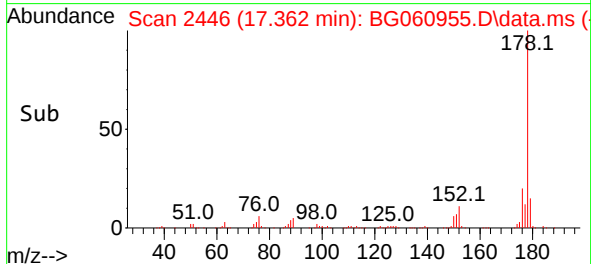
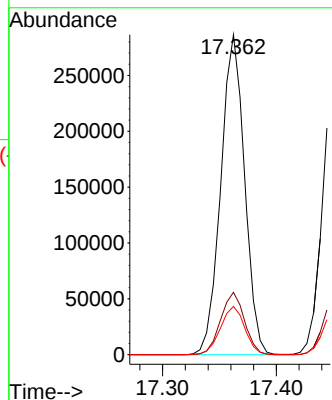
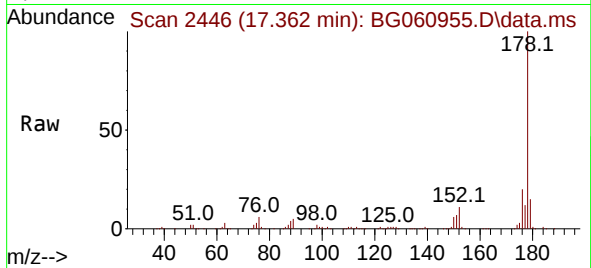




#71  
Phenanthrene  
Concen: 38.177 ng  
RT: 17.362 min Scan# 2446  
Delta R.T. 0.002 min  
Lab File: BG060955.D  
Acq: 19 Apr 2024 11:24

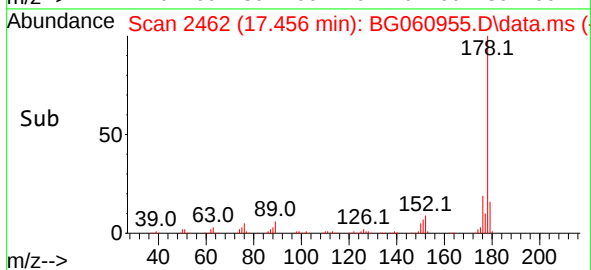
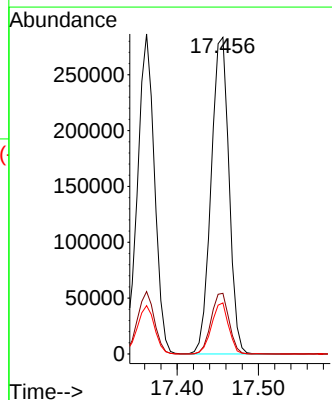
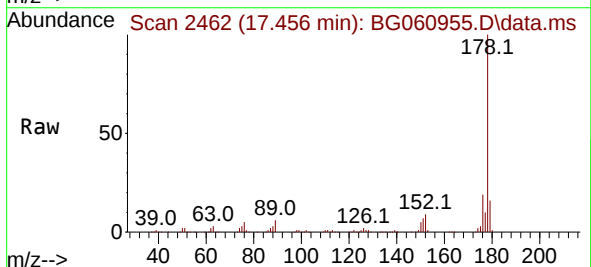
Instrument :  
BNA\_G  
ClientSampleId :  
SSTDCCC040

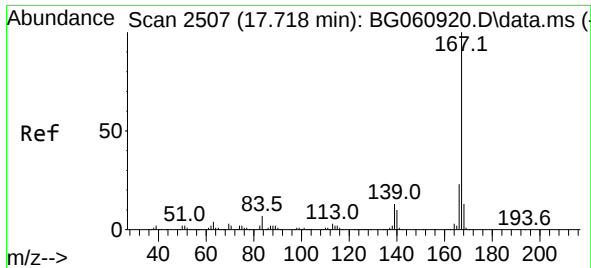
Tgt Ion:178 Resp: 416099  
Ion Ratio Lower Upper  
178 100  
176 19.5 15.4 23.2  
179 15.1 12.0 18.0



#72  
Anthracene  
Concen: 38.603 ng  
RT: 17.456 min Scan# 2462  
Delta R.T. 0.002 min  
Lab File: BG060955.D  
Acq: 19 Apr 2024 11:24

Tgt Ion:178 Resp: 432187  
Ion Ratio Lower Upper  
178 100  
176 19.2 15.0 22.4  
179 16.1 11.6 17.4

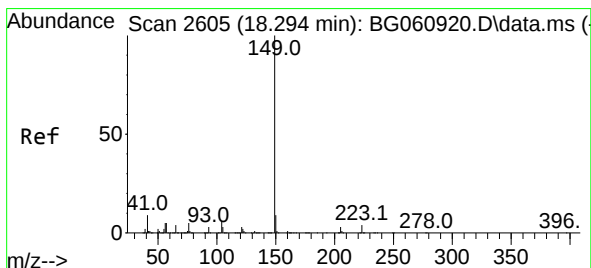
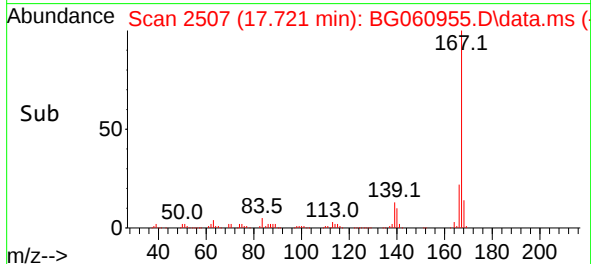
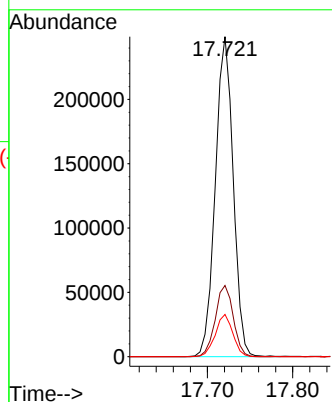
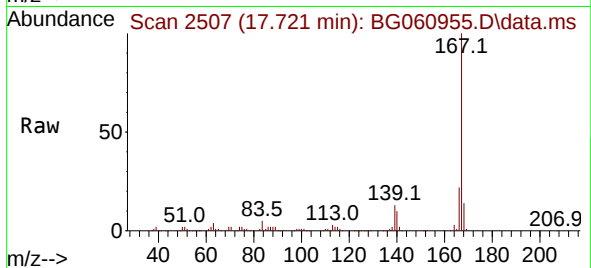




#73  
 Carbazole  
 Concen: 37.204 ng  
 RT: 17.721 min Scan# 21  
 Delta R.T. 0.002 min  
 Lab File: BG060955.D  
 Acq: 19 Apr 2024 11:24

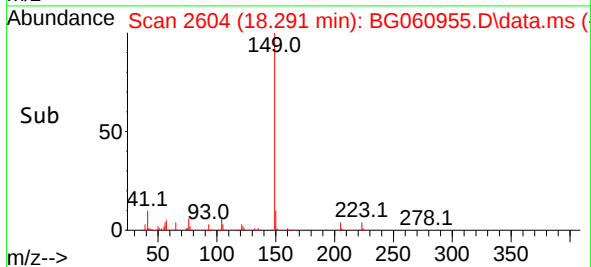
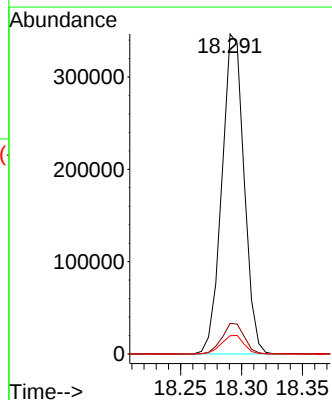
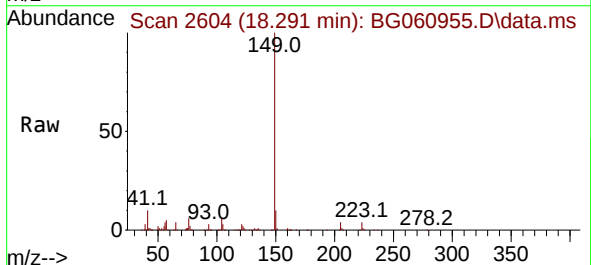
Instrument :  
 BNA\_G  
 ClientSampleId :  
 SSTDCCC040

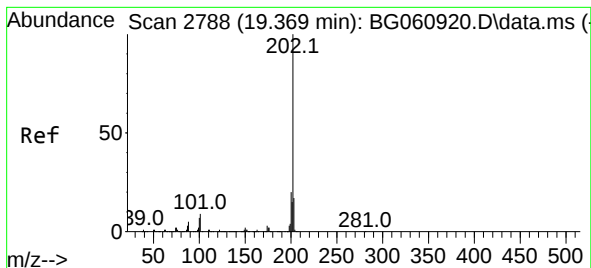
Tgt Ion:167 Resp: 362892  
 Ion Ratio Lower Upper  
 167 100  
 166 22.2 18.4 27.6  
 139 13.2 10.1 15.1



#74  
 Di-n-butylphthalate  
 Concen: 37.362 ng  
 RT: 18.291 min Scan# 2604  
 Delta R.T. -0.004 min  
 Lab File: BG060955.D  
 Acq: 19 Apr 2024 11:24

Tgt Ion:149 Resp: 438750  
 Ion Ratio Lower Upper  
 149 100  
 150 9.6 7.5 11.3  
 104 5.7 4.6 6.8





#75

Fluoranthene

Concen: 39.151 ng

RT: 19.372 min Scan# 21

Delta R.T. 0.002 min

Lab File: BG060955.D

Acq: 19 Apr 2024 11:24

Instrument :

BNA\_G

ClientSampleId :

SSTDCCC040

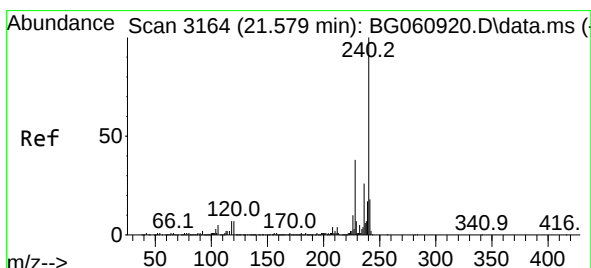
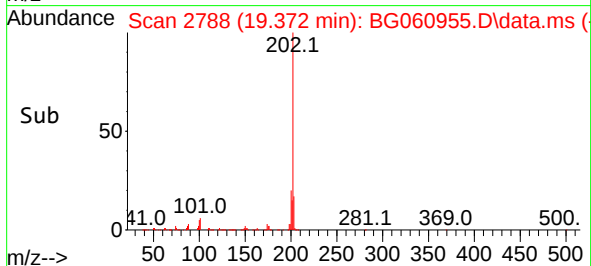
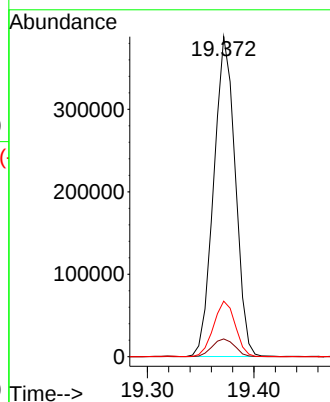
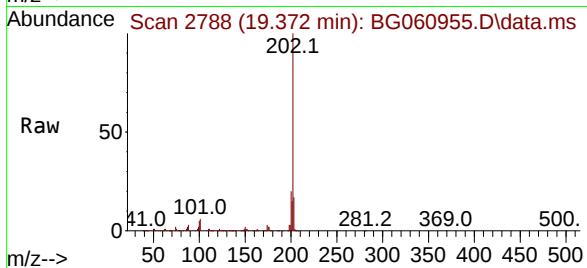
Tgt Ion:202 Resp: 543138

Ion Ratio Lower Upper

202 100

101 5.5 0.0 28.6

203 17.3 0.0 37.3



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.581 min Scan# 3164

Delta R.T. 0.002 min

Lab File: BG060955.D

Acq: 19 Apr 2024 11:24

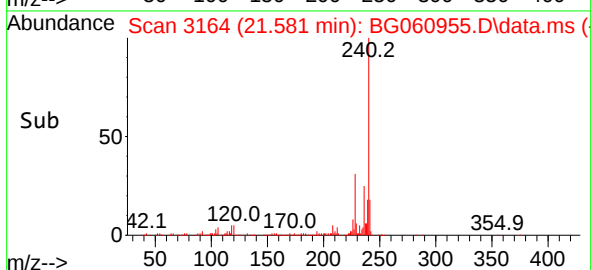
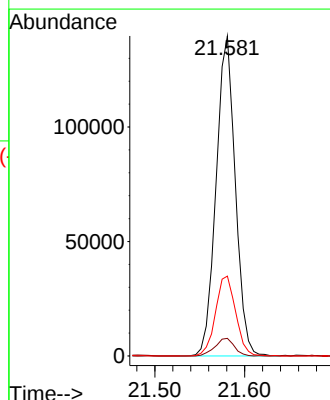
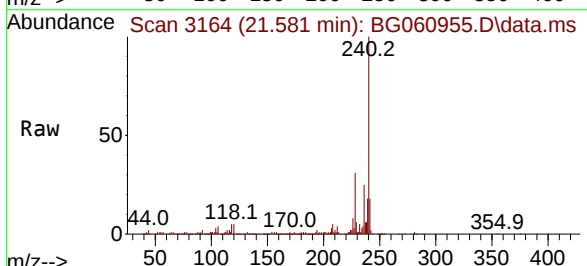
Tgt Ion:240 Resp: 207391

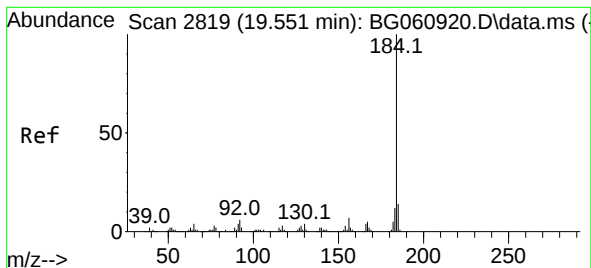
Ion Ratio Lower Upper

240 100

120 5.5 5.7 8.5#

236 25.0 21.1 31.7





#77

Benzidine

Concen: 39.923 ng

RT: 19.548 min Scan# 21

Delta R.T. -0.004 min

Lab File: BG060955.D

Acq: 19 Apr 2024 11:24

Instrument :

BNA\_G

ClientSampleId :

SSTDCCC040

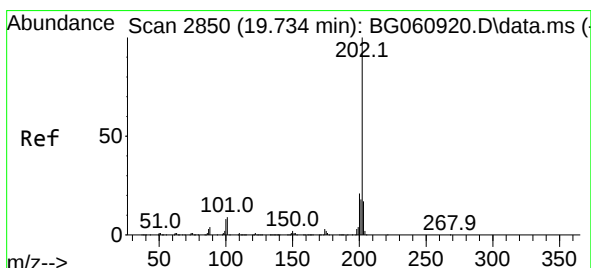
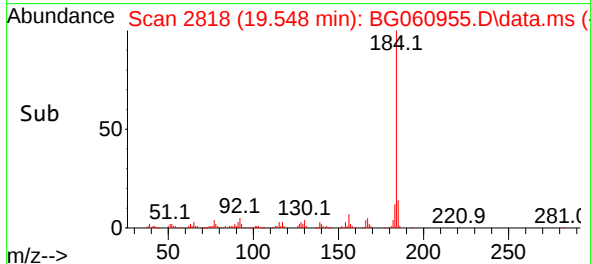
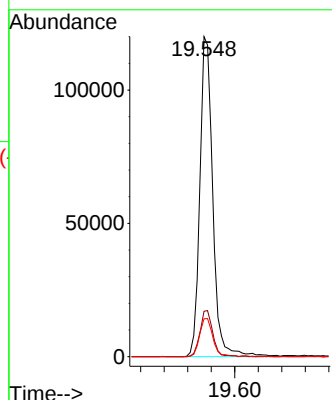
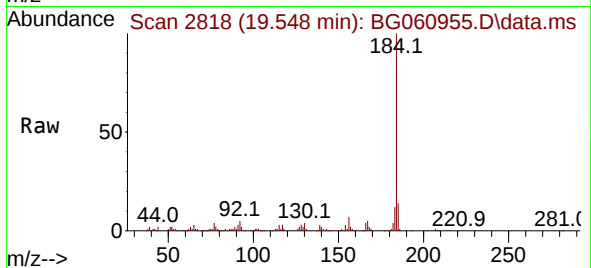
Tgt Ion:184 Resp: 182625

Ion Ratio Lower Upper

184 100

185 14.2 11.4 17.0

183 11.9 9.4 14.2



#78

Pyrene

Concen: 38.687 ng

RT: 19.736 min Scan# 2850

Delta R.T. 0.002 min

Lab File: BG060955.D

Acq: 19 Apr 2024 11:24

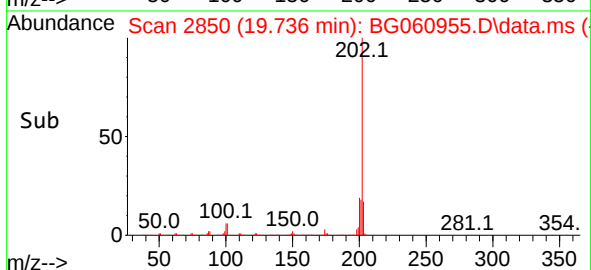
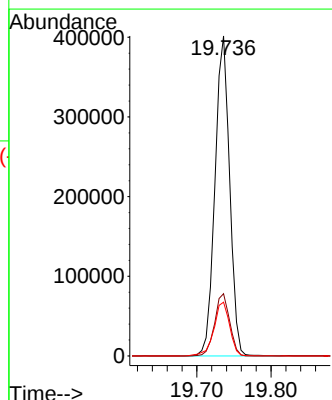
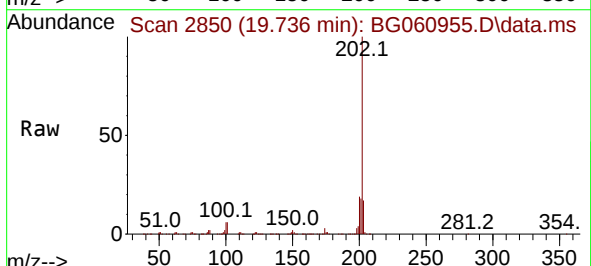
Tgt Ion:202 Resp: 550394

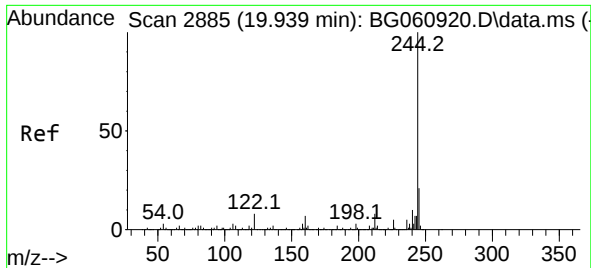
Ion Ratio Lower Upper

202 100

200 19.4 16.7 25.1

203 16.8 13.8 20.8

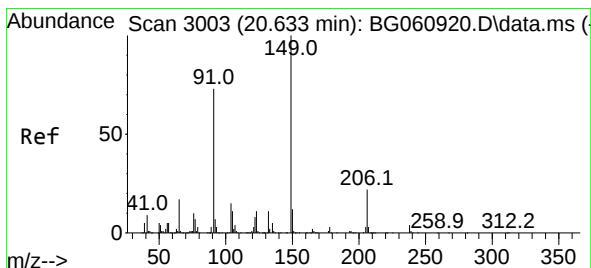
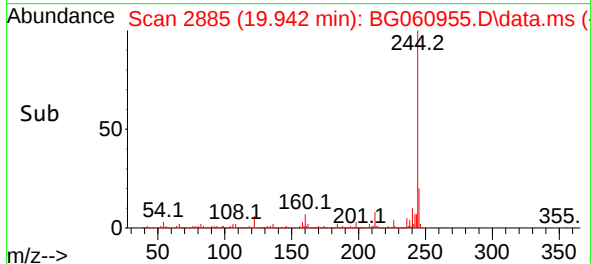
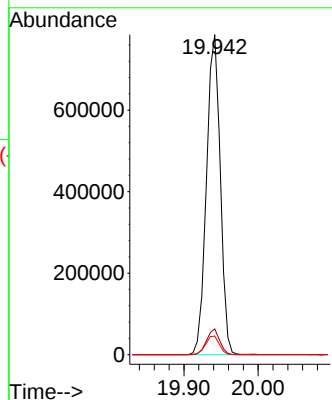
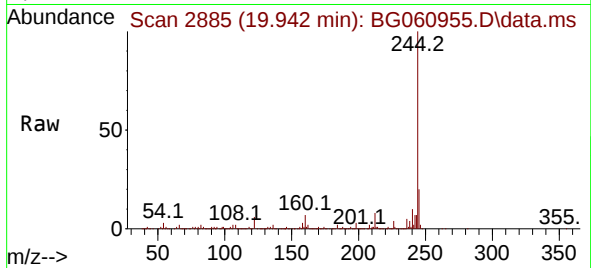




#79  
 Terphenyl-d14  
 Concen: 85.398 ng  
 RT: 19.942 min Scan# 21  
 Delta R.T. 0.002 min  
 Lab File: BG060955.D  
 Acq: 19 Apr 2024 11:24

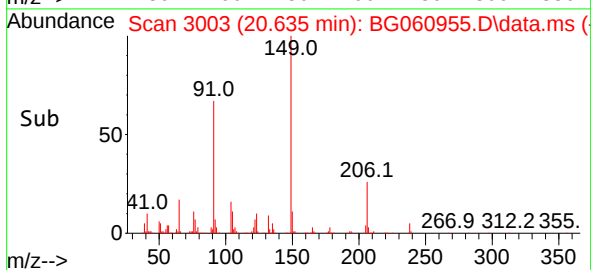
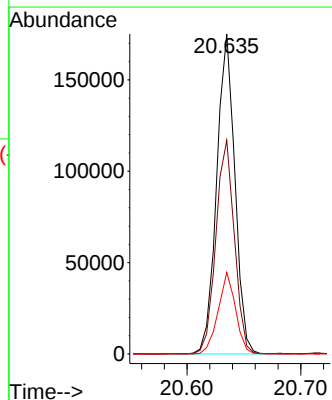
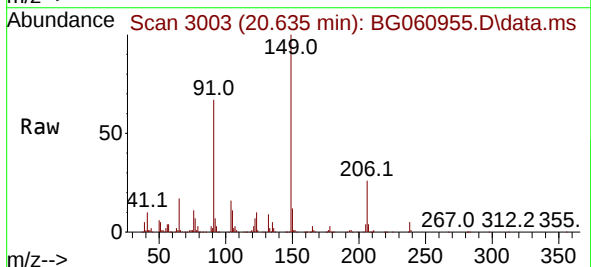
Instrument :  
 BNA\_G  
 ClientSampleId :  
 SSTDCCC040

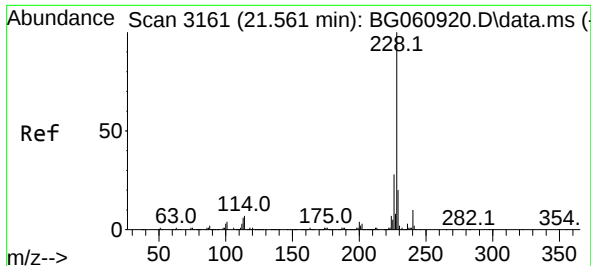
Tgt Ion:244 Resp: 1014807  
 Ion Ratio Lower Upper  
 244 100  
 212 8.0 6.2 9.4  
 122 5.8 6.6 9.8#



#80  
 Butylbenzylphthalate  
 Concen: 37.335 ng  
 RT: 20.635 min Scan# 3003  
 Delta R.T. 0.002 min  
 Lab File: BG060955.D  
 Acq: 19 Apr 2024 11:24

Tgt Ion:149 Resp: 195091  
 Ion Ratio Lower Upper  
 149 100  
 91 66.7 58.7 88.1  
 206 25.5 18.0 27.0

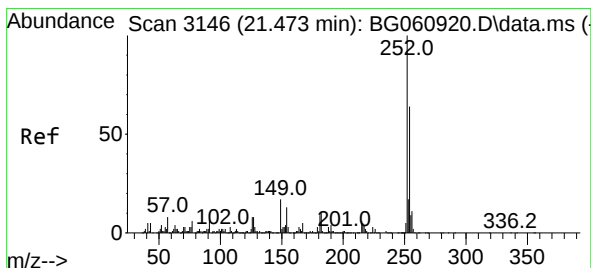
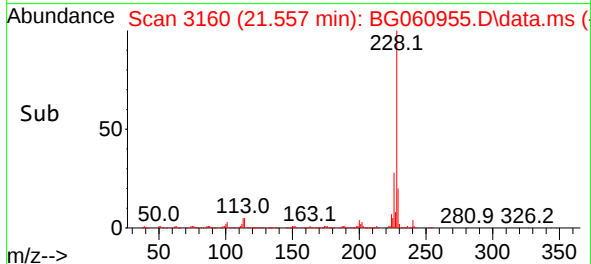
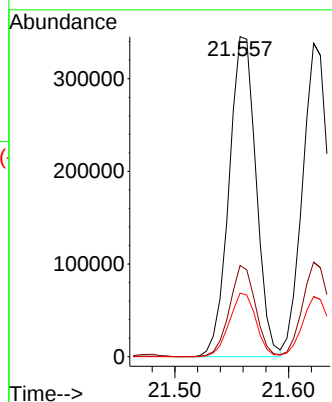
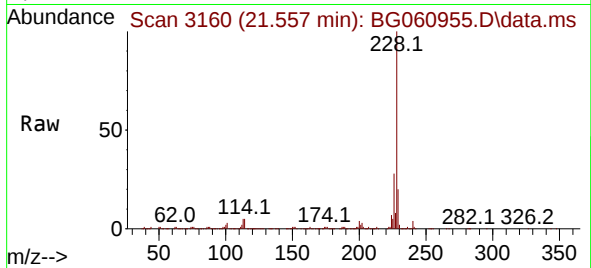




#81  
Benzo(a)anthracene  
Concen: 38.925 ng  
RT: 21.557 min Scan# 3161  
Delta R.T. -0.004 min  
Lab File: BG060955.D  
Acq: 19 Apr 2024 11:24

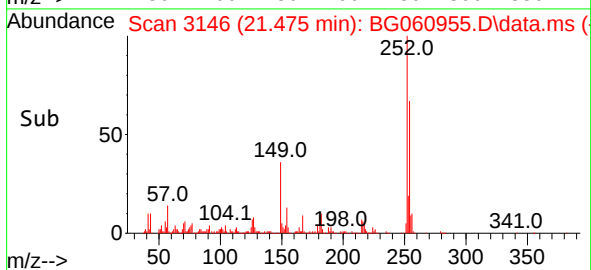
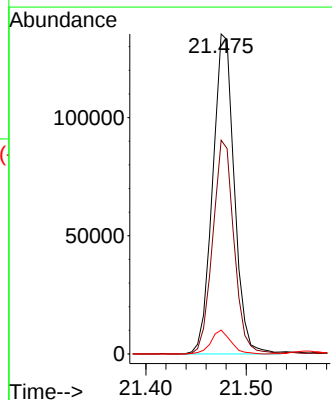
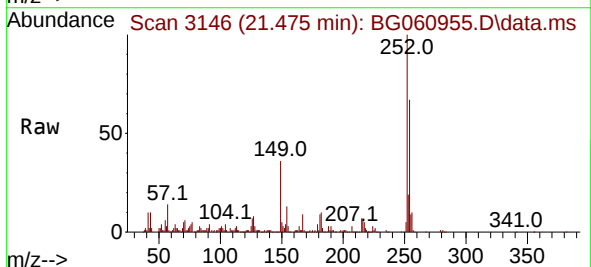
Instrument :  
BNA\_G  
ClientSampleId :  
SSTDCCC040

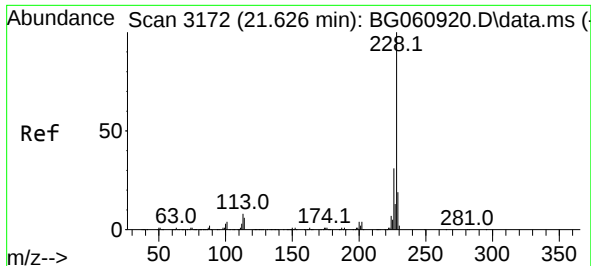
Tgt Ion:228 Resp: 570055  
Ion Ratio Lower Upper  
228 100  
226 28.5 22.0 33.0  
229 19.9 15.6 23.4



#82  
3,3'-Dichlorobenzidine  
Concen: 38.918 ng  
RT: 21.475 min Scan# 3146  
Delta R.T. 0.002 min  
Lab File: BG060955.D  
Acq: 19 Apr 2024 11:24

Tgt Ion:252 Resp: 202966  
Ion Ratio Lower Upper  
252 100  
254 66.8 51.5 77.3  
126 7.5 6.5 9.7





#83

Chrysene

Concen: 38.761 ng

RT: 21.622 min Scan# 3172

Delta R.T. -0.004 min

Lab File: BG060955.D

Acq: 19 Apr 2024 11:24

Instrument :

BNA\_G

ClientSampleId :

SSTDCCC040

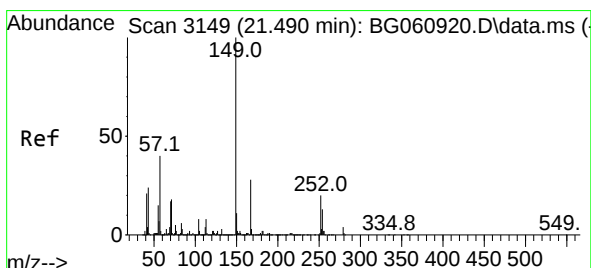
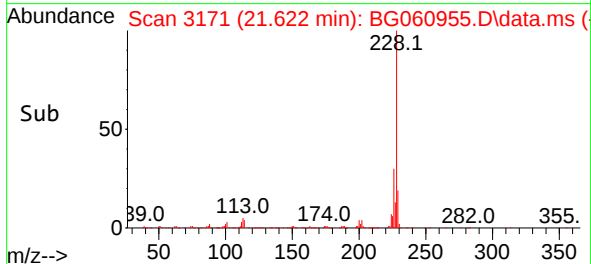
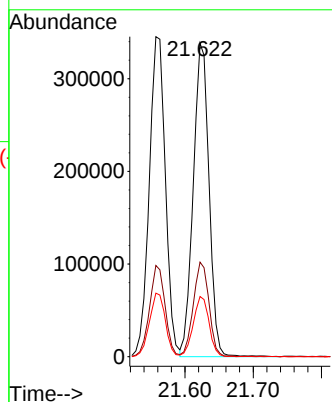
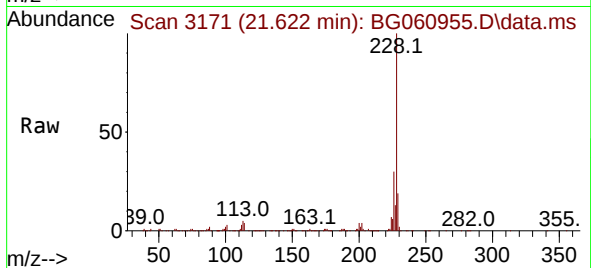
Tgt Ion:228 Resp: 541995

Ion Ratio Lower Upper

228 100

226 30.2 24.4 36.6

229 19.2 15.6 23.4



#84

Bis(2-ethylhexyl)phthalate

Concen: 35.496 ng

RT: 21.493 min Scan# 3149

Delta R.T. 0.002 min

Lab File: BG060955.D

Acq: 19 Apr 2024 11:24

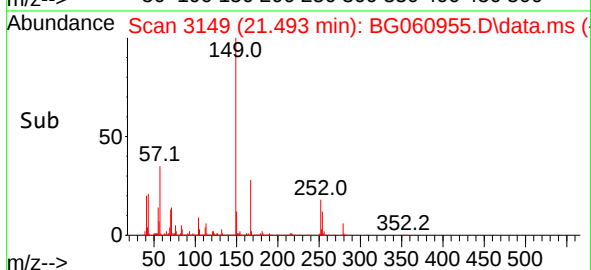
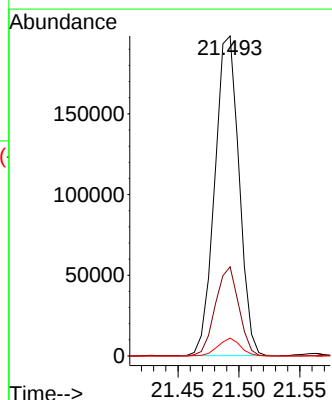
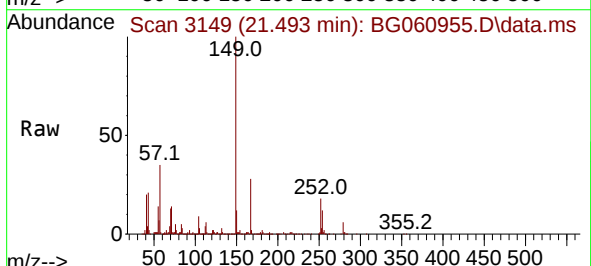
Tgt Ion:149 Resp: 274271

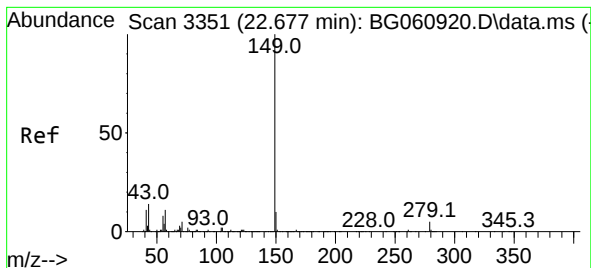
Ion Ratio Lower Upper

149 100

167 27.8 22.4 33.6

279 5.6 3.2 4.8#





#85

Di-n-octyl phthalate

Concen: 35.145 ng

RT: 22.680 min Scan# 31

Delta R.T. 0.002 min

Lab File: BG060955.D

Acq: 19 Apr 2024 11:24

Instrument :

BNA\_G

ClientSampleId :

SSTDCCC040

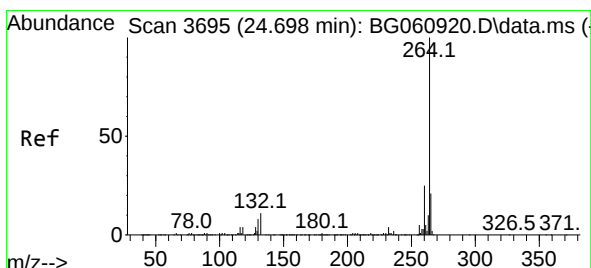
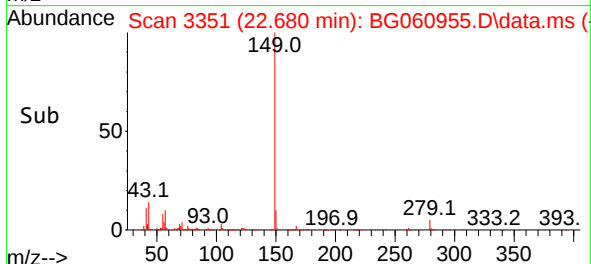
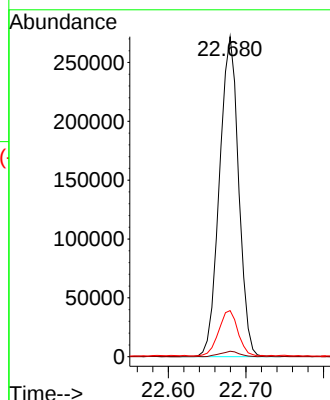
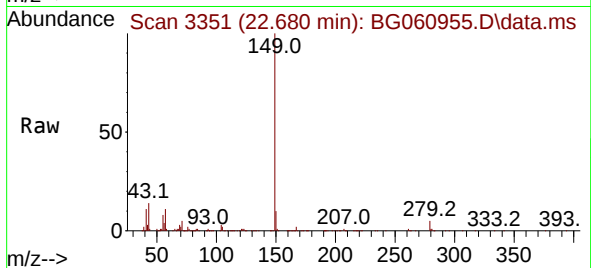
Tgt Ion:149 Resp: 468573

Ion Ratio Lower Upper

149 100

167 1.7 1.3 1.9

43 14.3 11.2 16.8



#86

Perylene-d12

Concen: 20.000 ng

RT: 24.701 min Scan# 3695

Delta R.T. 0.002 min

Lab File: BG060955.D

Acq: 19 Apr 2024 11:24

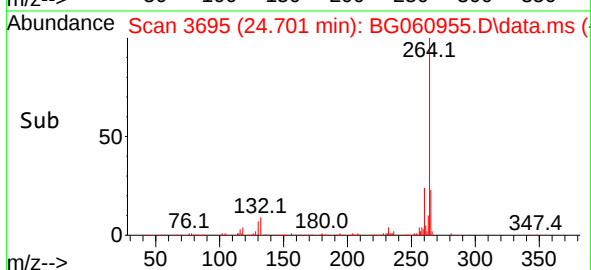
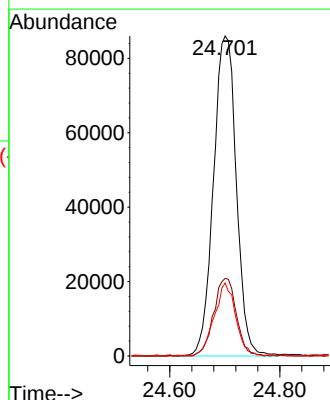
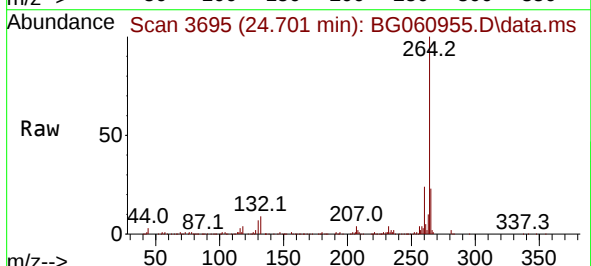
Tgt Ion:264 Resp: 247976

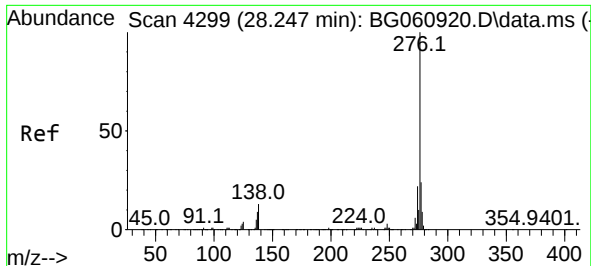
Ion Ratio Lower Upper

264 100

260 24.3 19.6 29.4

265 22.8 16.6 25.0

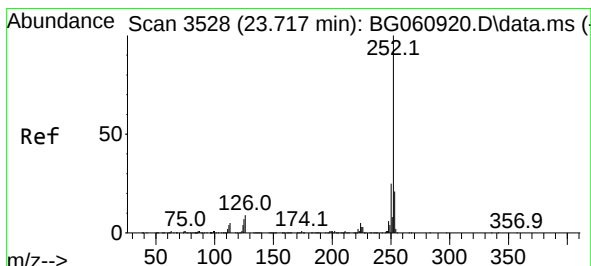
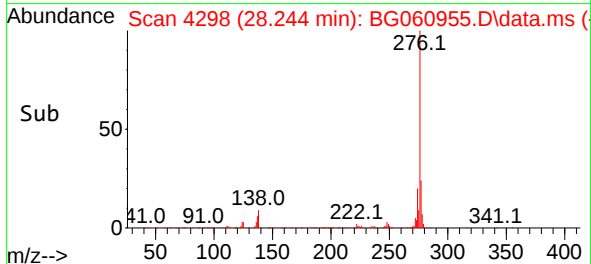
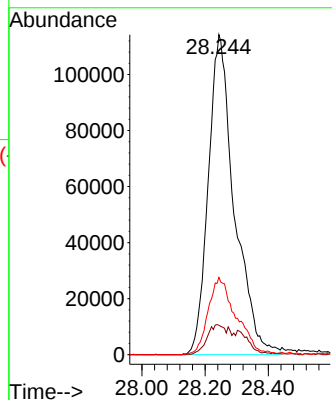
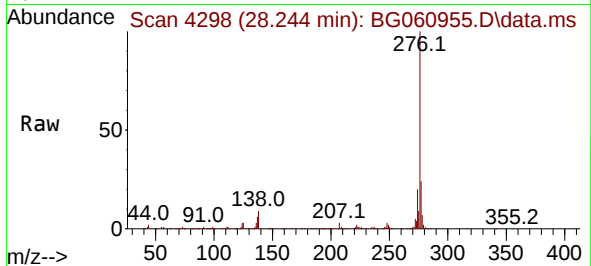




#87  
Indeno(1,2,3-cd)pyrene  
Concen: 38.138 ng  
RT: 28.244 min Scan# 41  
Delta R.T. -0.004 min  
Lab File: BG060955.D  
Acq: 19 Apr 2024 11:24

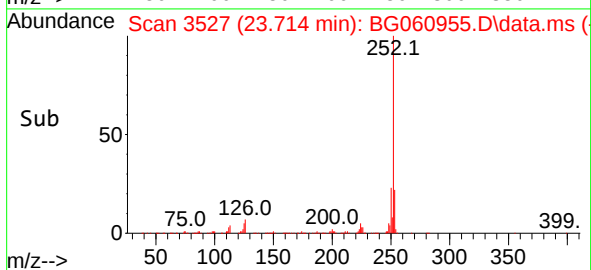
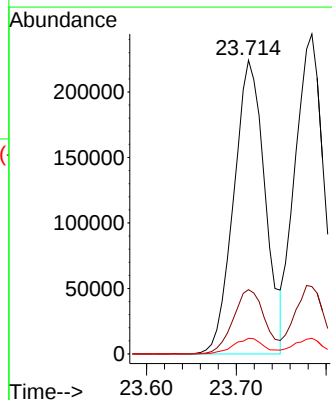
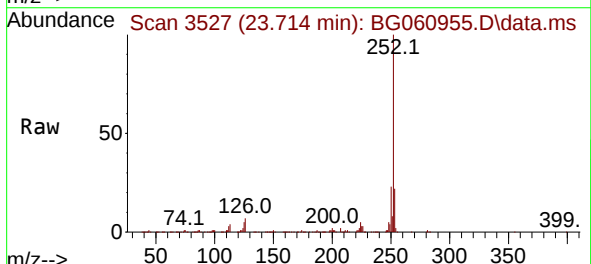
Instrument :  
BNA\_G  
ClientSampleId :  
SSTDCCC040

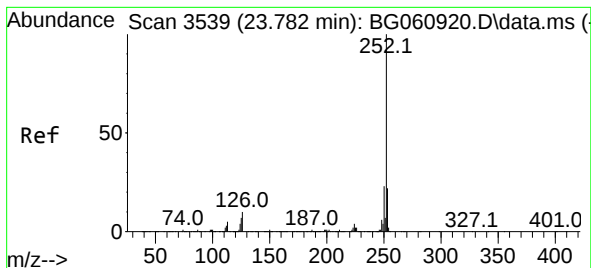
Tgt Ion:276 Resp: 653990  
Ion Ratio Lower Upper  
276 100  
138 6.5 10.8 16.2#  
277 25.9 20.3 30.5



#88  
Benzo(b)fluoranthene  
Concen: 38.689 ng  
RT: 23.714 min Scan# 3527  
Delta R.T. -0.004 min  
Lab File: BG060955.D  
Acq: 19 Apr 2024 11:24

Tgt Ion:252 Resp: 542819  
Ion Ratio Lower Upper  
252 100  
253 21.9 16.8 25.2  
125 5.4 5.6 8.4#





#89

Benzo(k)fluoranthene

Concen: 37.779 ng

RT: 23.784 min Scan# 3

Delta R.T. 0.002 min

Lab File: BG060955.D

Acq: 19 Apr 2024 11:24

Instrument :

BNA\_G

ClientSampleId :

SSTDCCC040

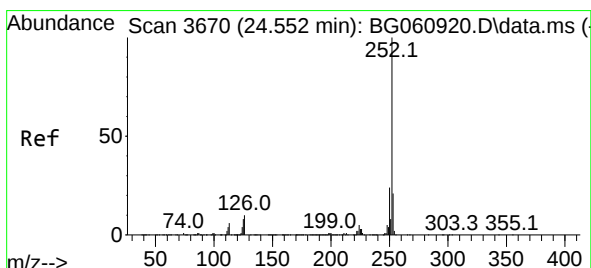
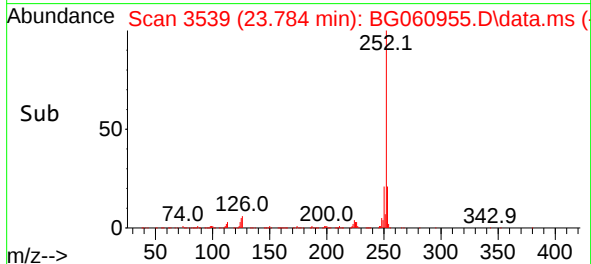
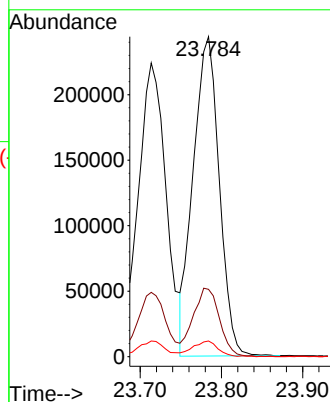
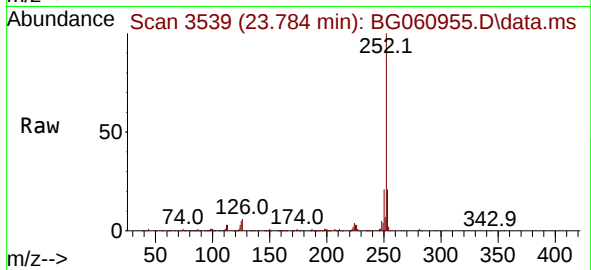
Tgt Ion:252 Resp: 542250

Ion Ratio Lower Upper

252 100

253 21.1 17.9 26.9

125 4.9 5.8 8.8#



#90

Benzo(a)pyrene

Concen: 37.648 ng

RT: 24.554 min Scan# 3670

Delta R.T. 0.002 min

Lab File: BG060955.D

Acq: 19 Apr 2024 11:24

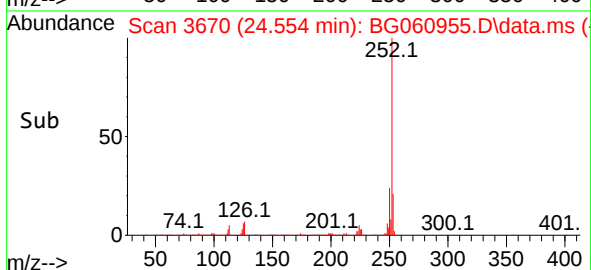
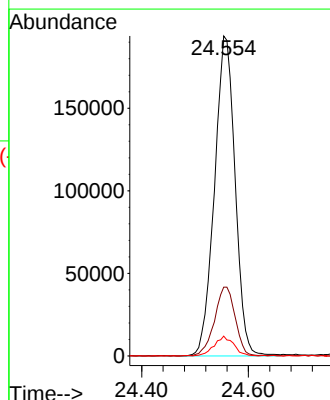
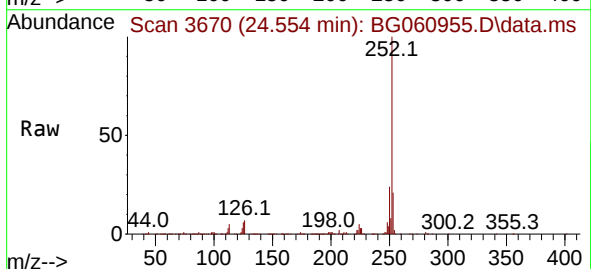
Tgt Ion:252 Resp: 520772

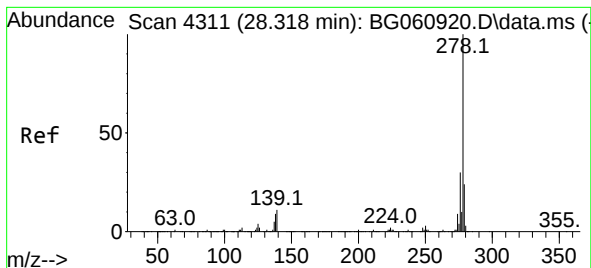
Ion Ratio Lower Upper

252 100

253 21.5 17.1 25.7

125 6.2 6.1 9.1





#91

Dibenzo(a,h)anthracene

Concen: 38.309 ng

RT: 28.320 min Scan# 41

Delta R.T. 0.002 min

Lab File: BG060955.D

Acq: 19 Apr 2024 11:24

Instrument :

BNA\_G

ClientSampleId :

SSTDCCC040

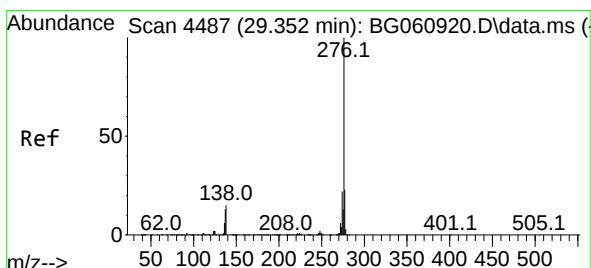
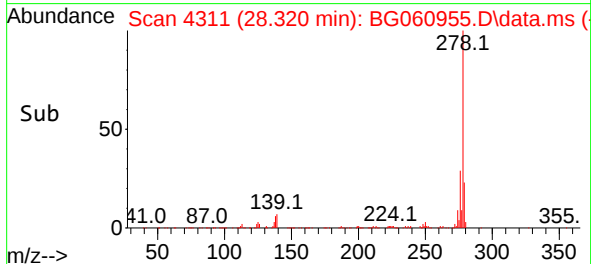
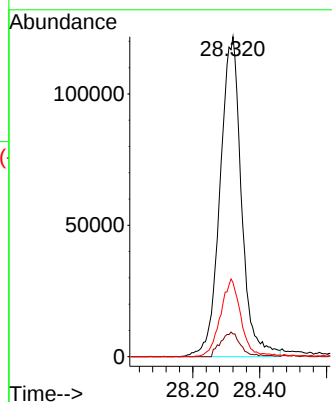
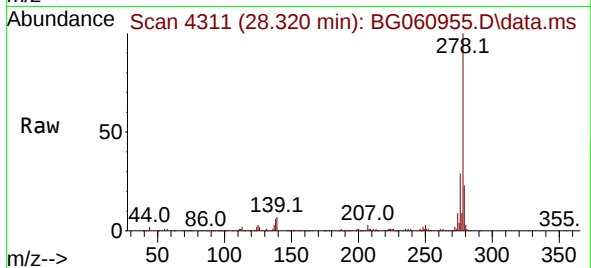
Tgt Ion:278 Resp: 540742

Ion Ratio Lower Upper

278 100

139 7.1 8.6 12.8#

279 23.2 19.4 29.2



#92

Benzo(g,h,i)perylene

Concen: 38.559 ng

RT: 29.348 min Scan# 4486

Delta R.T. -0.004 min

Lab File: BG060955.D

Acq: 19 Apr 2024 11:24

Tgt Ion:276 Resp: 532103

Ion Ratio Lower Upper

276 100

277 24.2 18.3 27.5

138 10.1 12.2 18.4#

