

Data Path : Z:\svoasrv\HPCHEM1\BNA\_G\Data\BG020325\  
 Data File : BG063978.D  
 Acq On : 3 Feb 2025 13:11  
 Operator : RC/JU  
 Sample : SSTDICC020  
 Misc :  
 ALS Vial : 5 Sample Multiplier: 1

Instrument :  
 BNA\_G  
 ClientSampleId :  
 SSTDICC020

Quant Time: Feb 04 01:42:19 2025  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_G\Methods\8270-BG020325.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Tue Feb 04 01:36:49 2025  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc   | Units | Dev(Min) |
|-------------------------------|--------|------|----------|--------|-------|----------|
| -----                         |        |      |          |        |       |          |
| Internal Standards            |        |      |          |        |       |          |
| 1) 1,4-Dichlorobenzene-d4     | 7.879  | 152  | 62771    | 20.000 | ng    | 0.00     |
| 21) Naphthalene-d8            | 10.664 | 136  | 276061   | 20.000 | ng    | 0.00     |
| 39) Acenaphthene-d10          | 14.500 | 164  | 177325   | 20.000 | ng    | 0.00     |
| 64) Phenanthrene-d10          | 17.238 | 188  | 389300   | 20.000 | ng    | 0.00     |
| 76) Chrysene-d12              | 21.468 | 240  | 414344   | 20.000 | ng    | 0.00     |
| 86) Perylene-d12              | 24.494 | 264  | 439096   | 20.000 | ng    | 0.00     |
| System Monitoring Compounds   |        |      |          |        |       |          |
| 5) 2-Fluorophenol             | 5.464  | 112  | 158814   | 38.917 | ng    | 0.00     |
| 7) Phenol-d6                  | 7.038  | 99   | 219422   | 38.758 | ng    | 0.00     |
| 23) Nitrobenzene-d5           | 9.024  | 82   | 161789   | 38.028 | ng    | 0.00     |
| 42) 2,4,6-Tribromophenol      | 15.981 | 330  | 55855    | 31.402 | ng    | 0.00     |
| 45) 2-Fluorobiphenyl          | 13.125 | 172  | 491443   | 40.736 | ng    | 0.00     |
| 79) Terphenyl-d14             | 19.859 | 244  | 847728   | 40.014 | ng    | 0.00     |
| Target Compounds              |        |      |          |        |       |          |
|                               |        |      |          |        |       | Qvalue   |
| 2) 1,4-Dioxane                | 3.401  | 88   | 38956    | 20.039 | ng    | 97       |
| 3) Pyridine                   | 3.783  | 79   | 101526   | 18.829 | ng    | 96       |
| 4) n-Nitrosodimethylamine     | 3.701  | 42   | 58345    | 18.711 | ng    | 98       |
| 6) Aniline                    | 7.203  | 93   | 114398   | 23.423 | ng    | 95       |
| 8) 2-Chlorophenol             | 7.438  | 128  | 80101    | 18.647 | ng    | 95       |
| 9) Benzaldehyde               | 7.015  | 77   | 70232    | 21.984 | ng    | 93       |
| 10) Phenol                    | 7.062  | 94   | 114453   | 19.247 | ng    | 97       |
| 11) bis(2-Chloroethyl)ether   | 7.303  | 93   | 92821    | 19.020 | ng    | 99       |
| 12) 1,3-Dichlorobenzene       | 7.767  | 146  | 98456    | 19.225 | ng    | 97       |
| 13) 1,4-Dichlorobenzene       | 7.914  | 146  | 98337    | 18.913 | ng    | 98       |
| 14) 1,2-Dichlorobenzene       | 8.225  | 146  | 93868    | 18.392 | ng    | 96       |
| 15) Benzyl Alcohol            | 8.108  | 79   | 79967    | 19.310 | ng    | 97       |
| 16) 2,2'-oxybis(1-Chloropr... | 8.407  | 45   | 185426   | 19.666 | ng    | 98       |
| 17) 2-Methylphenol            | 8.307  | 107  | 73018    | 18.266 | ng    | 93       |
| 18) Hexachloroethane          | 8.960  | 117  | 30637    | 17.948 | ng    | 97       |
| 19) n-Nitroso-di-n-propyla... | 8.678  | 70   | 75153    | 18.788 | ng    | # 98     |
| 20) 3+4-Methylphenols         | 8.631  | 107  | 96764    | 17.824 | ng    | 96       |
| 22) Acetophenone              | 8.689  | 105  | 154296   | 19.486 | ng    | 98       |
| 24) Nitrobenzene              | 9.065  | 77   | 88469    | 19.521 | ng    | 96       |
| 25) Isophorone                | 9.588  | 82   | 195202   | 18.001 | ng    | 98       |
| 26) 2-Nitrophenol             | 9.776  | 139  | 15461    | 16.061 | ng    | 96       |
| 27) 2,4-Dimethylphenol        | 9.835  | 122  | 56417    | 18.683 | ng    | 93       |
| 28) bis(2-Chloroethoxy)met... | 10.076 | 93   | 124514   | 18.744 | ng    | 97       |
| 29) 2,4-Dichlorophenol        | 10.305 | 162  | 66869    | 18.340 | ng    | 97       |
| 30) 1,2,4-Trichlorobenzene    | 10.528 | 180  | 94134    | 18.647 | ng    | 97       |
| 31) Naphthalene               | 10.716 | 128  | 296389   | 18.773 | ng    | 99       |
| 32) Benzoic acid              | 9.929  | 122  | 17922    | 10.006 | ng    | # 78     |
| 33) 4-Chloroaniline           | 10.816 | 127  | 110000   | 19.925 | ng    | 99       |
| 34) Hexachlorobutadiene       | 11.010 | 225  | 59011    | 18.066 | ng    | 94       |
| 35) Caprolactam               | 11.557 | 113  | 21973    | 15.942 | ng    | 96       |
| 36) 4-Chloro-3-methylphenol   | 11.933 | 107  | 88975    | 18.611 | ng    | 97       |
| 37) 2-Methylnaphthalene       | 12.320 | 142  | 207371   | 19.075 | ng    | 99       |
| 38) 1-Methylnaphthalene       | 12.538 | 142  | 200846   | 18.746 | ng    | # 98     |
| 40) 1,2,4,5-Tetrachloroben... | 12.691 | 216  | 109966   | 20.776 | ng    | 99       |
| 41) Hexachlorocyclopentadiene | 12.679 | 237  | 24866    | 20.346 | ng    | 91       |
| 43) 2,4,6-Trichlorophenol     | 12.926 | 196  | 50322    | 18.356 | ng    | 95       |

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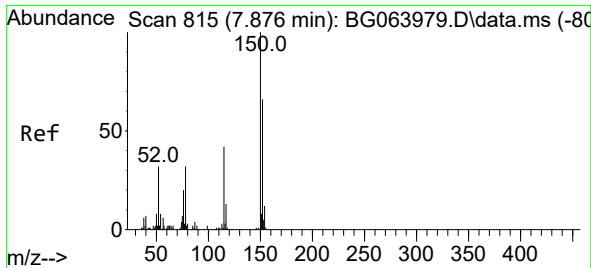
Quant Time: Feb 04 01:42:19 2025  
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Tue Feb 04 01:36:49 2025  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc   | Units | Dev(Min) |
|-------------------------------|--------|------|----------|--------|-------|----------|
| 44) 2,4,5-Trichlorophenol     | 12.996 | 196  | 59907    | 19.086 | ng    | 96       |
| 46) 1,1'-Biphenyl             | 13.331 | 154  | 281204   | 20.594 | ng    | 99       |
| 47) 2-Chloronaphthalene       | 13.372 | 162  | 207458   | 19.662 | ng    | 98       |
| 48) 2-Nitroaniline            | 13.566 | 65   | 37736    | 18.292 | ng    | 94       |
| 49) Acenaphthylene            | 14.218 | 152  | 319503   | 20.488 | ng    | 99       |
| 50) Dimethylphthalate         | 13.960 | 163  | 241023   | 19.092 | ng    | 99       |
| 51) 2,6-Dinitrotoluene        | 14.065 | 165  | 32857    | 17.731 | ng    | 93       |
| 52) Acenaphthene              | 14.565 | 154  | 212259   | 19.576 | ng    | 98       |
| 53) 3-Nitroaniline            | 14.394 | 138  | 39417    | 20.133 | ng #  | 98       |
| 54) 2,4-Dinitrophenol         | 14.594 | 184  | 7789     | 14.000 | ng    | 94       |
| 55) Dibenzofuran              | 14.900 | 168  | 347679   | 20.772 | ng    | 96       |
| 56) 4-Nitrophenol             | 14.688 | 139  | 27662    | 15.616 | ng    | 92       |
| 57) 2,4-Dinitrotoluene        | 14.853 | 165  | 39756    | 16.526 | ng    | 94       |
| 58) Fluorene                  | 15.546 | 166  | 263572   | 19.384 | ng    | 97       |
| 59) 2,3,4,6-Tetrachlorophenol | 15.117 | 232  | 53019    | 18.929 | ng    | 98       |
| 60) Diethylphthalate          | 15.323 | 149  | 251009   | 18.534 | ng    | 99       |
| 61) 4-Chlorophenyl-phenyle... | 15.546 | 204  | 134757   | 19.887 | ng    | 99       |
| 62) 4-Nitroaniline            | 15.546 | 138  | 44329    | 19.535 | ng    | 96       |
| 63) Azobenzene                | 15.834 | 77   | 298615   | 20.205 | ng    | 98       |
| 65) 4,6-Dinitro-2-methylph... | 15.611 | 198  | 12197    | 12.584 | ng    | 95       |
| 66) n-Nitrosodiphenylamine    | 15.752 | 169  | 224114   | 19.599 | ng    | 98       |
| 67) 4-Bromophenyl-phenylether | 16.433 | 248  | 78770    | 19.050 | ng    | 97       |
| 68) Hexachlorobenzene         | 16.545 | 284  | 93475    | 19.210 | ng    | 96       |
| 69) Atrazine                  | 16.703 | 200  | 72124    | 51.006 | ng    | 98       |
| 70) Pentachlorophenol         | 16.886 | 266  | 37635    | 15.532 | ng    | 91       |
| 71) Phenanthrene              | 17.279 | 178  | 419431   | 19.391 | ng    | 98       |
| 72) Anthracene                | 17.367 | 178  | 414489   | 19.514 | ng    | 100      |
| 73) Carbazole                 | 17.638 | 167  | 392636   | 18.973 | ng    | 98       |
| 74) Di-n-butylphthalate       | 18.219 | 149  | 399305   | 18.107 | ng    | 99       |
| 75) Fluoranthene              | 19.289 | 202  | 506855   | 19.263 | ng    | 100      |
| 77) Benzidine                 | 19.471 | 184  | 196204   | 30.927 | ng    | 97       |
| 78) Pyrene                    | 19.647 | 202  | 543017   | 19.427 | ng    | 97       |
| 80) Butylbenzylphthalate      | 20.558 | 149  | 136121   | 16.509 | ng    | 95       |
| 81) Benzo(a)anthracene        | 21.451 | 228  | 543443   | 19.551 | ng    | 99       |
| 82) 3,3'-Dichlorobenzidine    | 21.375 | 252  | 174352   | 19.699 | ng    | 95       |
| 83) Chrysene                  | 21.515 | 228  | 551557   | 20.203 | ng    | 100      |
| 84) Bis(2-ethylhexyl)phtha... | 21.398 | 149  | 238172   | 17.396 | ng    | 96       |
| 85) Di-n-octyl phthalate      | 22.555 | 149  | 361674   | 15.242 | ng    | 99       |
| 87) Indeno(1,2,3-cd)pyrene    | 27.908 | 276  | 579009   | 18.877 | ng    | 99       |
| 88) Benzo(b)fluoranthene      | 23.543 | 252  | 545931   | 19.915 | ng    | 99       |
| 89) Benzo(k)fluoranthene      | 23.607 | 252  | 523492   | 18.659 | ng    | 99       |
| 90) Benzo(a)pyrene            | 24.353 | 252  | 473300   | 19.391 | ng    | 100      |
| 91) Dibenzo(a,h)anthracene    | 27.973 | 278  | 486050   | 18.839 | ng    | 98       |
| 92) Benzo(g,h,i)perylene      | 28.966 | 276  | 497129   | 19.071 | ng    | 98       |

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

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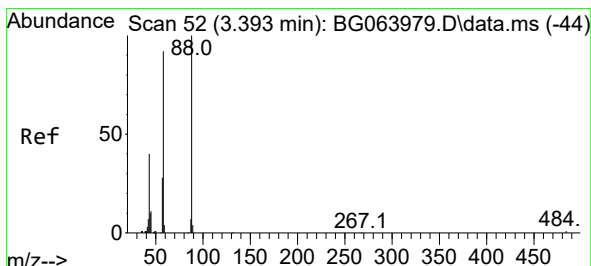
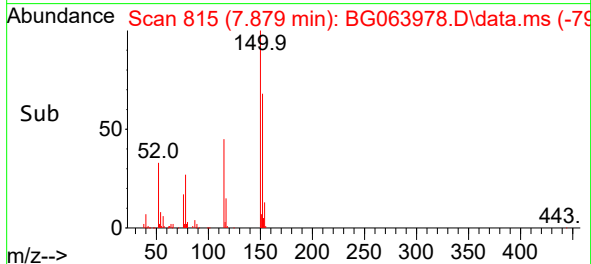
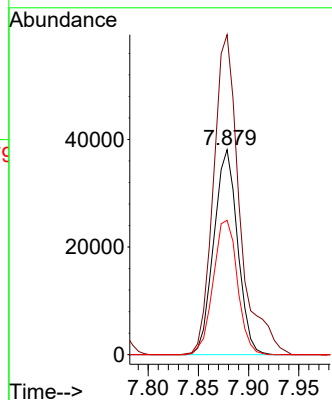
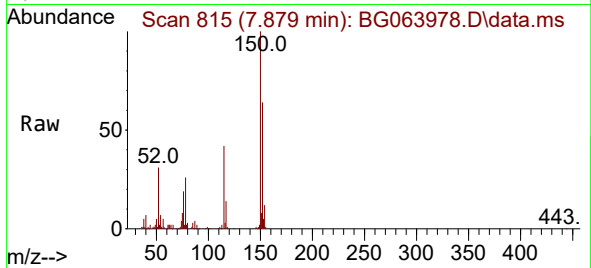




#1  
 1,4-Dichlorobenzene-d4  
 Concen: 20.000 ng  
 RT: 7.879 min Scan# 815  
 Delta R.T. 0.003 min  
 Lab File: BG063978.D  
 Acq: 3 Feb 2025 13:11

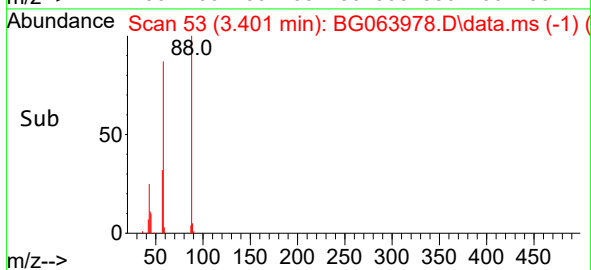
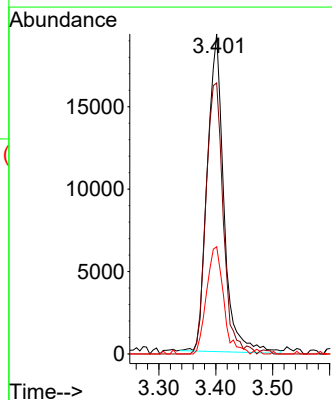
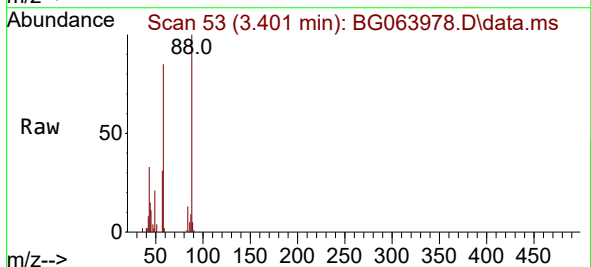
Instrument :  
 BNA\_G  
 ClientSampleId :  
 SSTDICC020

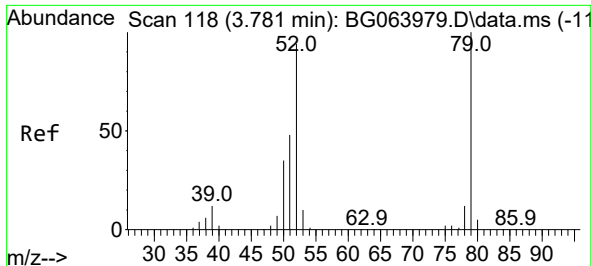
Tgt Ion:152 Resp: 62771  
 Ion Ratio Lower Upper  
 152 100  
 150 156.2 121.0 181.6  
 115 65.6 50.4 75.6



#2  
 1,4-Dioxane  
 Concen: 20.039 ng  
 RT: 3.401 min Scan# 53  
 Delta R.T. 0.008 min  
 Lab File: BG063978.D  
 Acq: 3 Feb 2025 13:11

Tgt Ion: 88 Resp: 38956  
 Ion Ratio Lower Upper  
 88 100  
 58 88.8 71.8 107.8  
 43 34.8 31.2 46.8

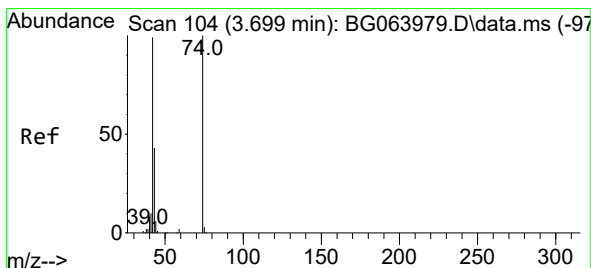
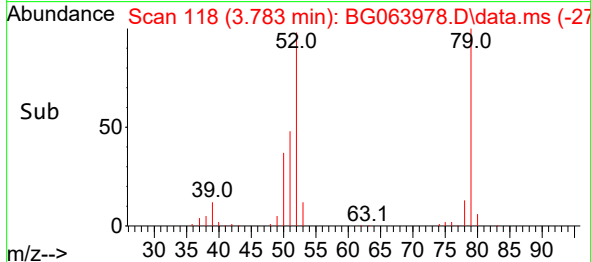
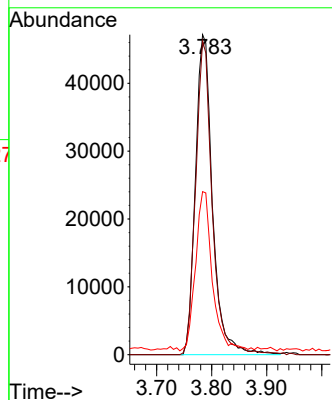
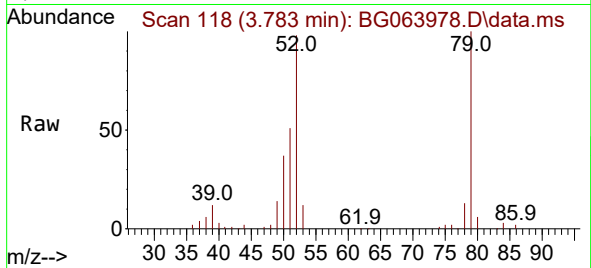




#3  
 Pyridine  
 Concen: 18.829 ng  
 RT: 3.783 min Scan# 118  
 Delta R.T. 0.002 min  
 Lab File: BG063978.D  
 Acq: 3 Feb 2025 13:11

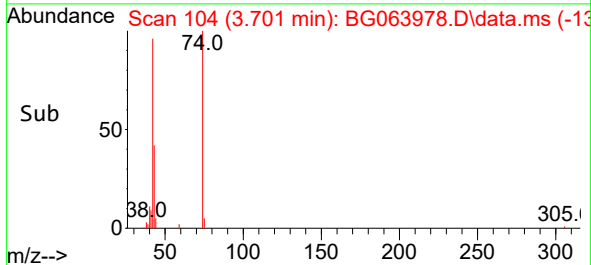
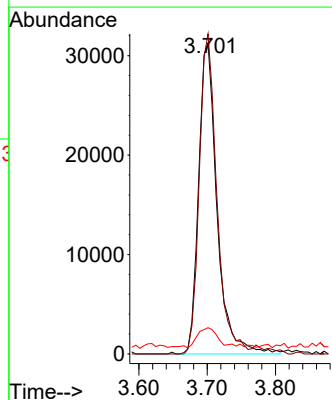
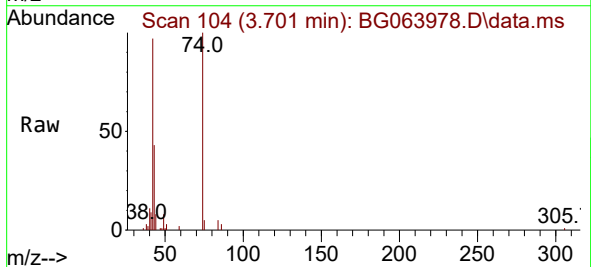
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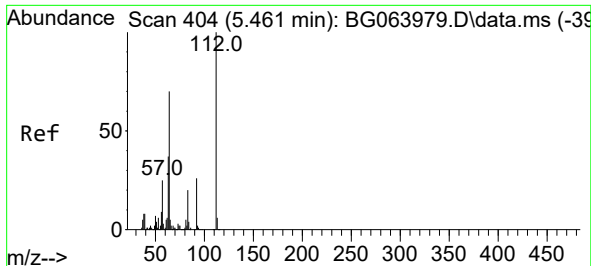
Tgt Ion: 79 Resp: 101526  
 Ion Ratio Lower Upper  
 79 100  
 52 98.0 75.1 112.7  
 51 51.0 38.9 58.3



#4  
 n-Nitrosodimethylamine  
 Concen: 18.711 ng  
 RT: 3.701 min Scan# 104  
 Delta R.T. 0.002 min  
 Lab File: BG063978.D  
 Acq: 3 Feb 2025 13:11

Tgt Ion: 42 Resp: 58345  
 Ion Ratio Lower Upper  
 42 100  
 74 103.0 80.8 121.2  
 44 8.4 5.8 8.6

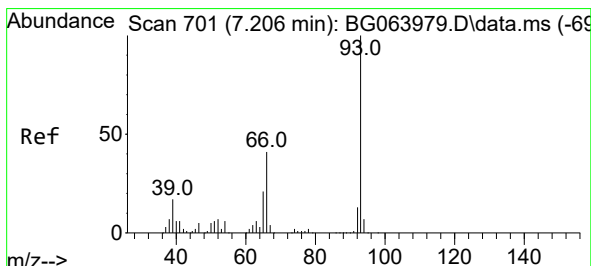
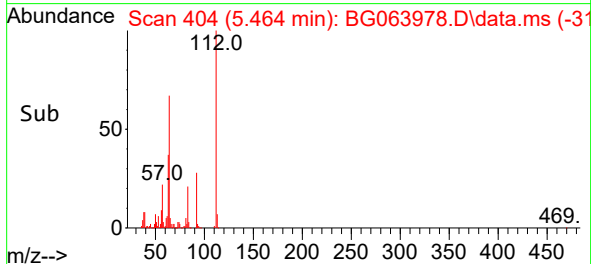
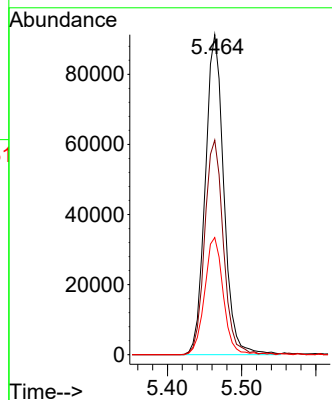
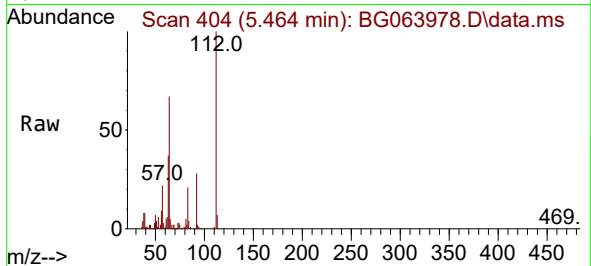




#5  
2-Fluorophenol  
Concen: 38.917 ng  
RT: 5.464 min Scan# 404  
Delta R.T. 0.002 min  
Lab File: BG063978.D  
Acq: 3 Feb 2025 13:11

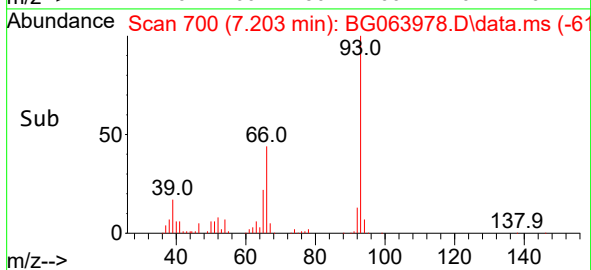
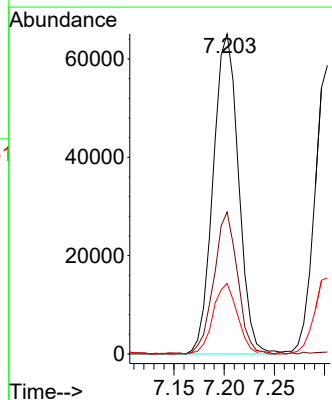
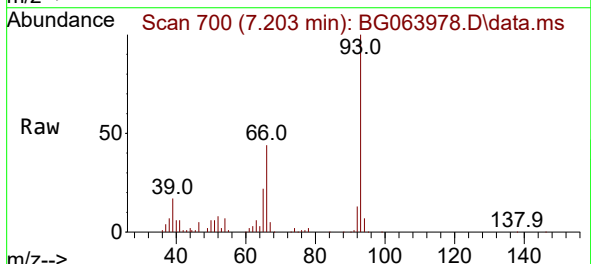
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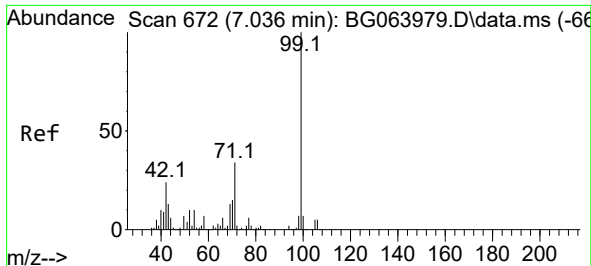
Tgt Ion:112 Resp: 158814  
Ion Ratio Lower Upper  
112 100  
64 67.1 55.8 83.8  
63 36.6 29.3 43.9



#6  
Aniline  
Concen: 23.423 ng  
RT: 7.203 min Scan# 700  
Delta R.T. -0.004 min  
Lab File: BG063978.D  
Acq: 3 Feb 2025 13:11

Tgt Ion: 93 Resp: 114398  
Ion Ratio Lower Upper  
93 100  
66 44.3 32.5 48.7  
65 22.0 16.6 25.0

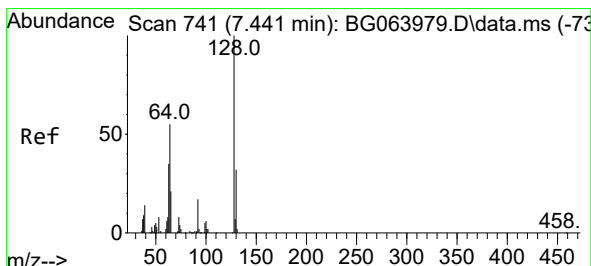
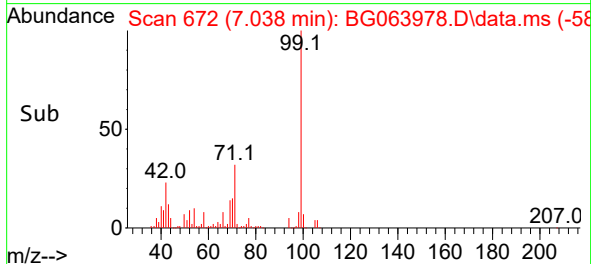
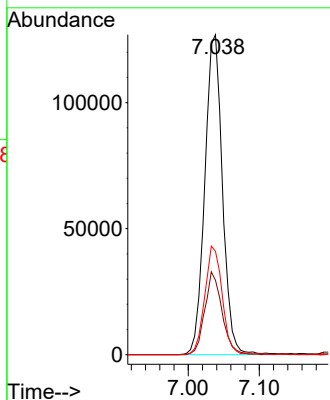
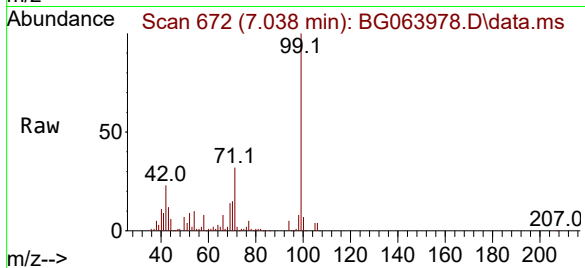




#7  
Phenol-d6  
Concen: 38.758 ng  
RT: 7.038 min Scan# 61  
Delta R.T. 0.002 min  
Lab File: BG063978.D  
Acq: 3 Feb 2025 13:11

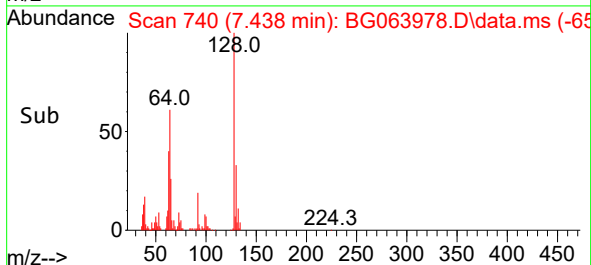
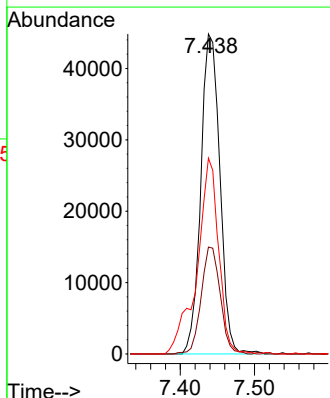
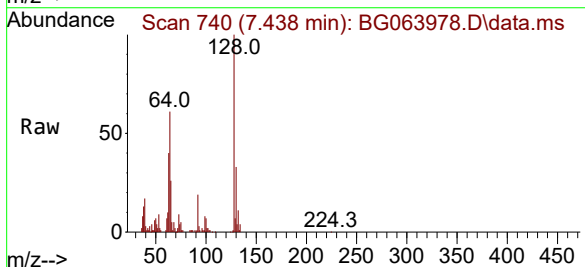
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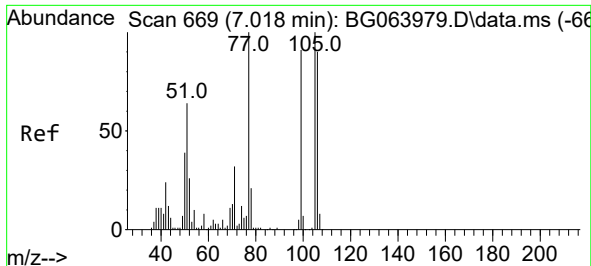
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Ion Ratio Lower Upper  
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42 23.3 18.9 28.3  
71 32.3 27.0 40.6



#8  
2-Chlorophenol  
Concen: 18.647 ng  
RT: 7.438 min Scan# 740  
Delta R.T. -0.004 min  
Lab File: BG063978.D  
Acq: 3 Feb 2025 13:11

Tgt Ion:128 Resp: 80101  
Ion Ratio Lower Upper  
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130 33.4 11.9 51.9  
64 61.2 36.8 76.8

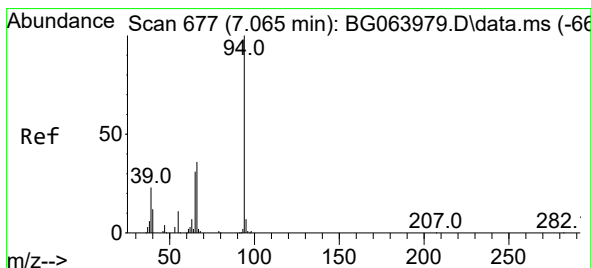
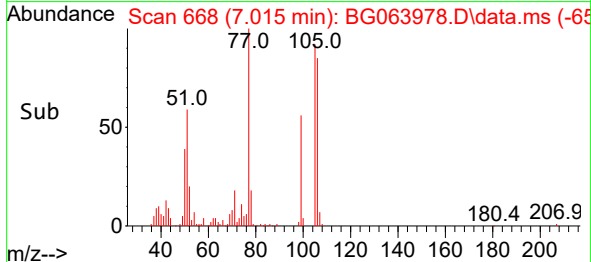
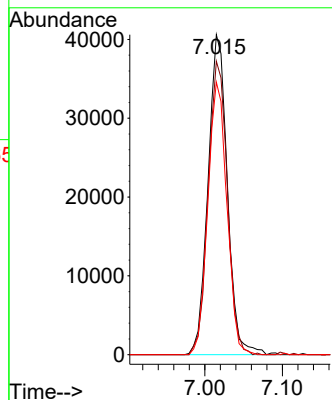
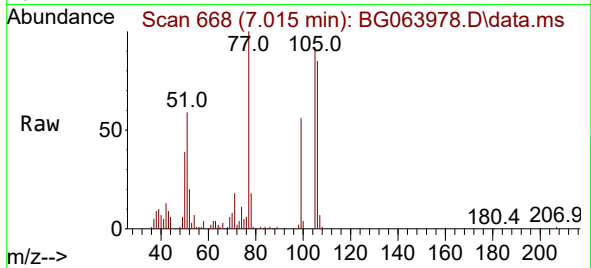




#9  
Benzaldehyde  
Concen: 21.984 ng  
RT: 7.015 min Scan# 609  
Delta R.T. -0.004 min  
Lab File: BG063978.D  
Acq: 3 Feb 2025 13:11

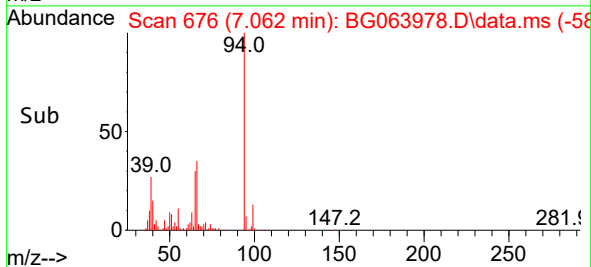
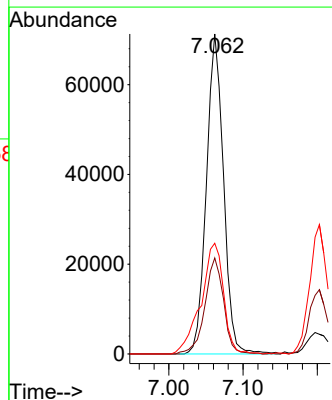
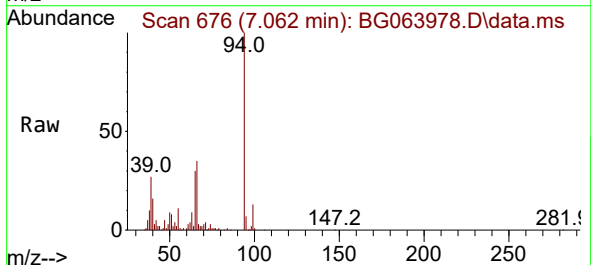
Instrument :  
BNA\_G  
ClientSampleId :  
SSTDICC020

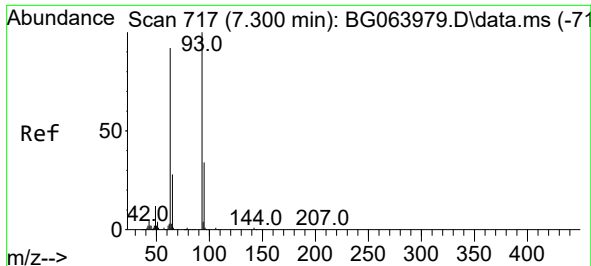
Tgt Ion: 77 Resp: 70232  
Ion Ratio Lower Upper  
77 100  
105 91.7 79.8 119.8  
106 85.1 69.9 109.9



#10  
Phenol  
Concen: 19.247 ng  
RT: 7.062 min Scan# 676  
Delta R.T. -0.004 min  
Lab File: BG063978.D  
Acq: 3 Feb 2025 13:11

Tgt Ion: 94 Resp: 114453  
Ion Ratio Lower Upper  
94 100  
65 30.0 11.4 51.4  
66 34.6 16.7 56.7

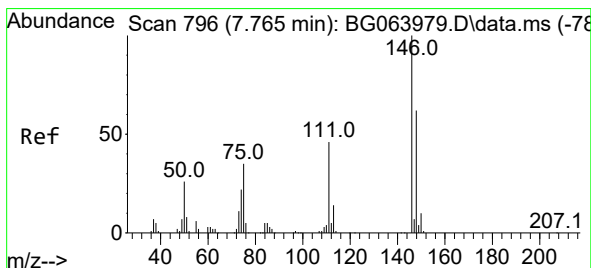
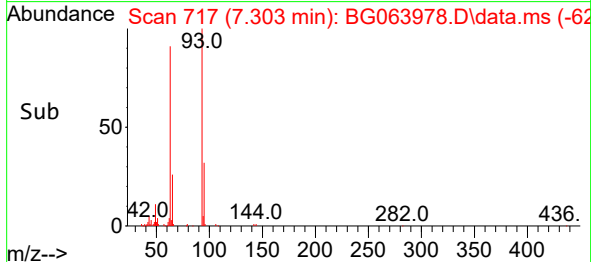
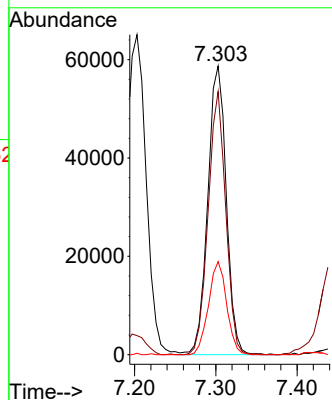
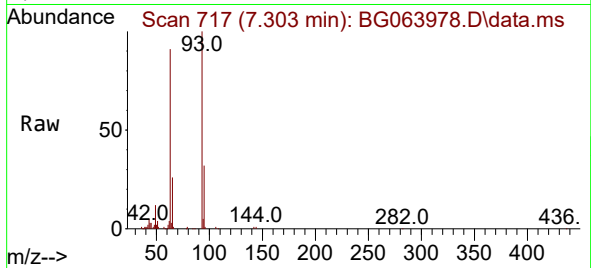




#11  
bis(2-Chloroethyl)ether  
Concen: 19.020 ng  
RT: 7.303 min Scan# 717  
Delta R.T. 0.002 min  
Lab File: BG063978.D  
Acq: 3 Feb 2025 13:11

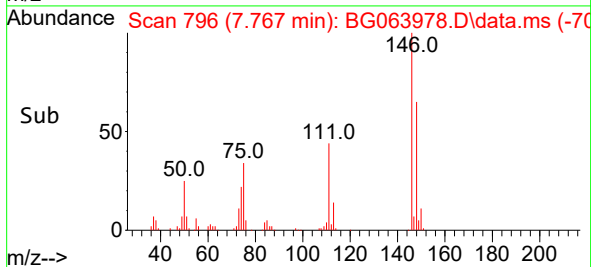
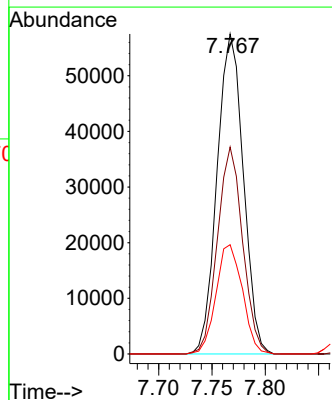
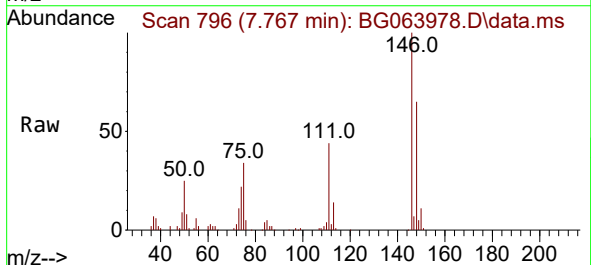
Instrument :  
BNA\_G  
ClientSampleId :  
SSTDICC020

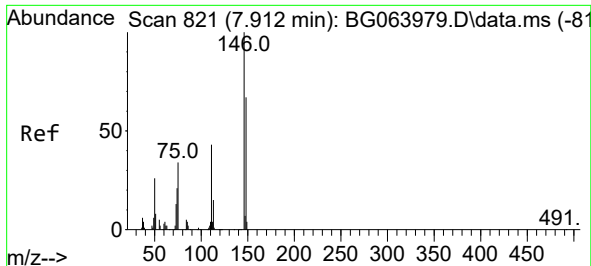
Tgt Ion: 93 Resp: 92821  
Ion Ratio Lower Upper  
93 100  
63 91.2 71.2 111.2  
95 32.3 13.9 53.9



#12  
1,3-Dichlorobenzene  
Concen: 19.225 ng  
RT: 7.767 min Scan# 796  
Delta R.T. 0.002 min  
Lab File: BG063978.D  
Acq: 3 Feb 2025 13:11

Tgt Ion:146 Resp: 98456  
Ion Ratio Lower Upper  
146 100  
148 64.6 49.6 74.4  
75 34.2 27.8 41.8

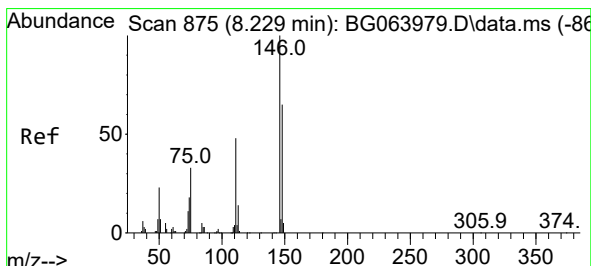
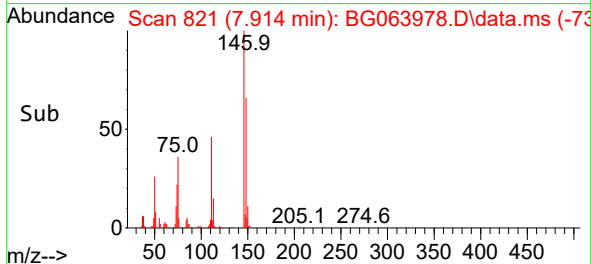
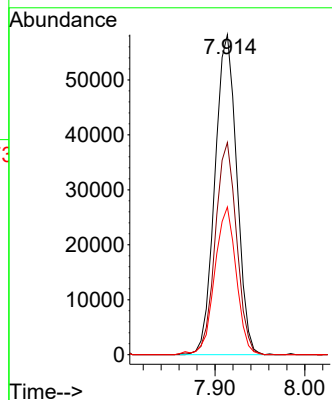
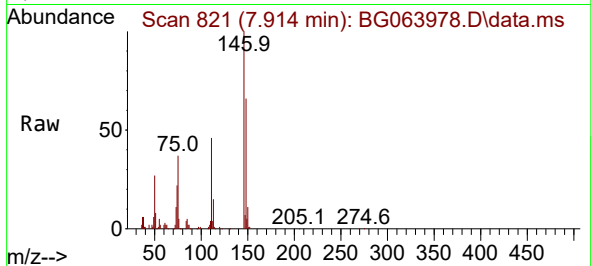




#13  
1,4-Dichlorobenzene  
Concen: 18.913 ng  
RT: 7.914 min Scan# 81  
Delta R.T. 0.002 min  
Lab File: BG063978.D  
Acq: 3 Feb 2025 13:11

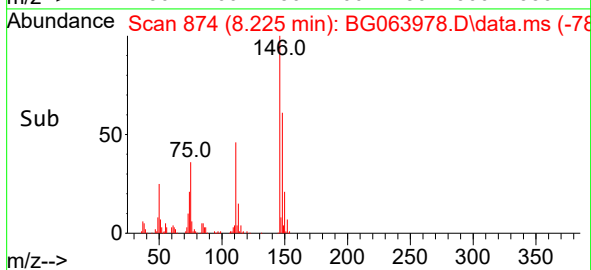
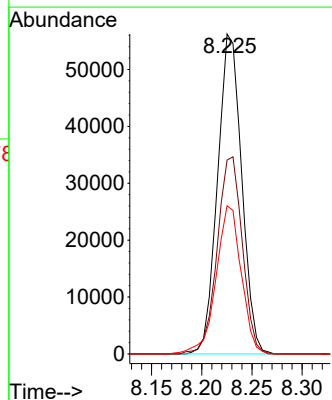
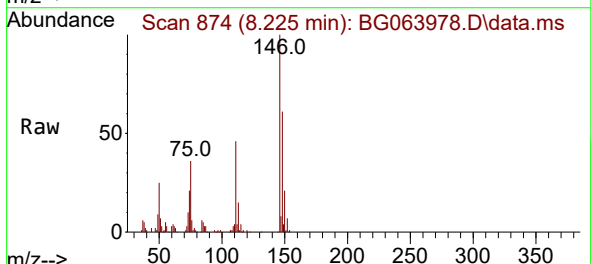
Instrument :  
BNA\_G  
ClientSampleId :  
SSTDICC020

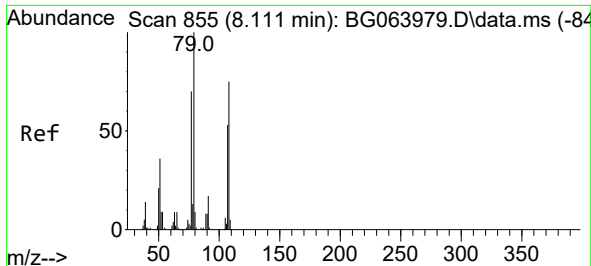
Tgt Ion:146 Resp: 98337  
Ion Ratio Lower Upper  
146 100  
148 66.3 53.3 79.9  
111 46.2 34.8 52.2



#14  
1,2-Dichlorobenzene  
Concen: 18.392 ng  
RT: 8.225 min Scan# 874  
Delta R.T. -0.004 min  
Lab File: BG063978.D  
Acq: 3 Feb 2025 13:11

Tgt Ion:146 Resp: 93868  
Ion Ratio Lower Upper  
146 100  
148 60.6 52.0 78.0  
111 46.3 38.2 57.2

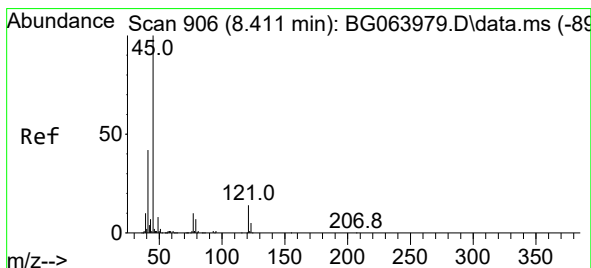
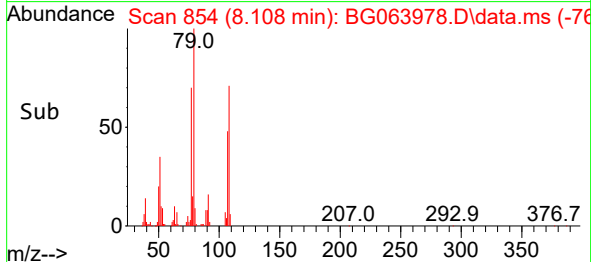
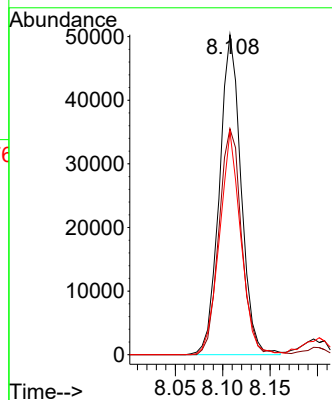
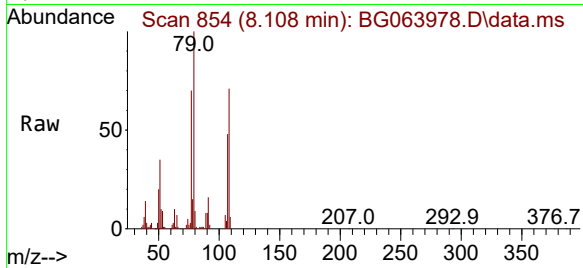




#15  
Benzyl Alcohol  
Concen: 19.310 ng  
RT: 8.108 min Scan# 81  
Delta R.T. -0.004 min  
Lab File: BG063978.D  
Acq: 3 Feb 2025 13:11

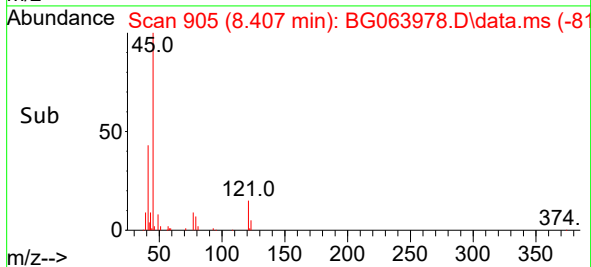
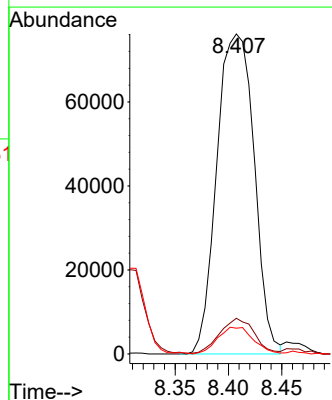
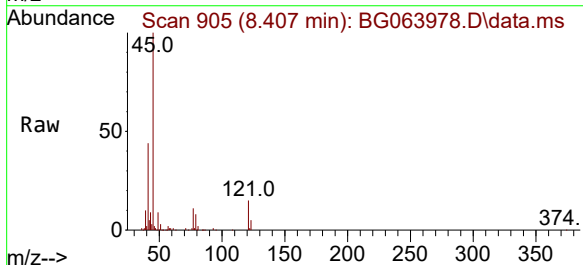
Instrument :  
BNA\_G  
ClientSampleId :  
SSTDICC020

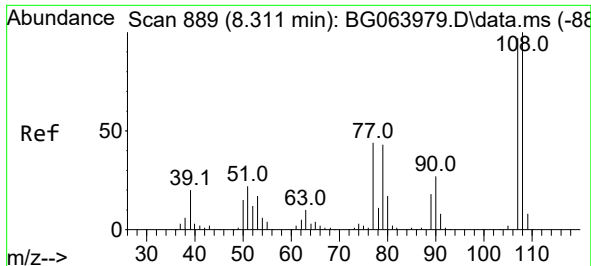
Tgt Ion: 79 Resp: 79967  
Ion Ratio Lower Upper  
79 100  
108 70.6 60.3 90.5  
77 69.8 55.8 83.8



#16  
2,2'-oxybis(1-Chloropropane)  
Concen: 19.666 ng  
RT: 8.407 min Scan# 905  
Delta R.T. -0.004 min  
Lab File: BG063978.D  
Acq: 3 Feb 2025 13:11

Tgt Ion: 45 Resp: 185426  
Ion Ratio Lower Upper  
45 100  
77 11.2 0.0 29.8  
79 8.0 0.0 27.7

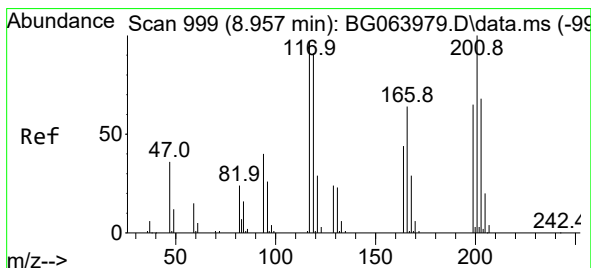
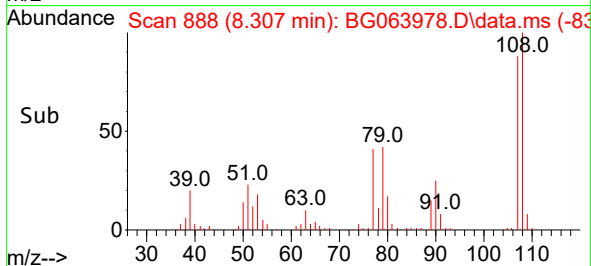
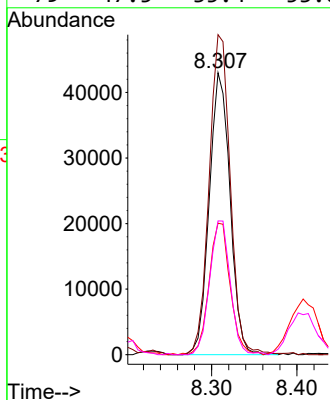
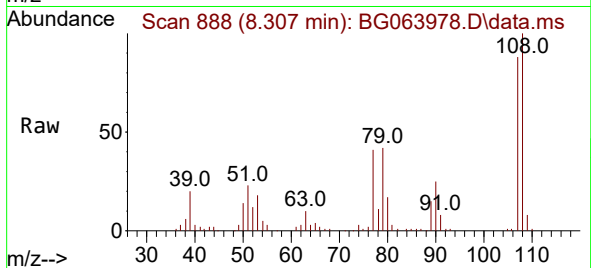




#17  
2-Methylphenol  
Concen: 18.266 ng  
RT: 8.307 min Scan# 889  
Delta R.T. -0.004 min  
Lab File: BG063978.D  
Acq: 3 Feb 2025 13:11

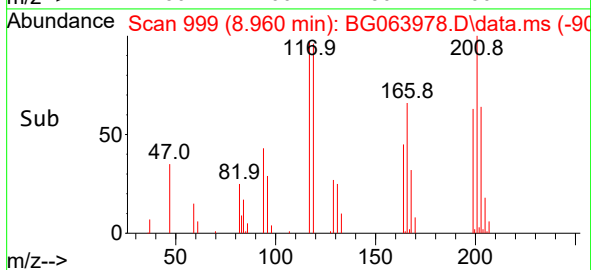
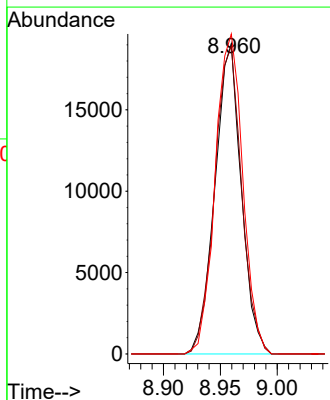
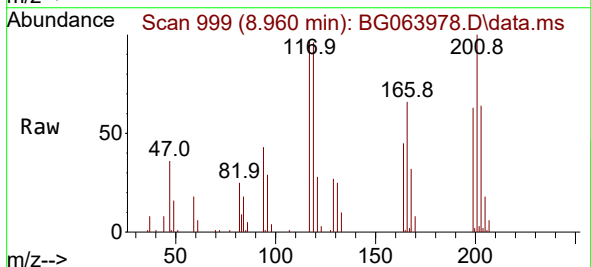
Instrument :  
BNA\_G  
ClientSampleId :  
SSTDICC020

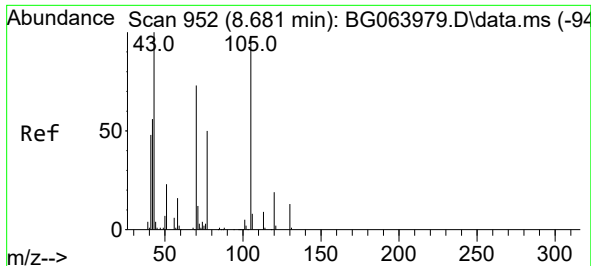
|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 107   | Resp: | 73018 |
| Ion      | Ratio | Lower | Upper |
| 107      | 100   |       |       |
| 108      | 113.5 | 82.9  | 124.3 |
| 77       | 46.7  | 36.4  | 54.6  |
| 79       | 47.5  | 35.4  | 53.0  |



#18  
Hexachloroethane  
Concen: 17.948 ng  
RT: 8.960 min Scan# 999  
Delta R.T. 0.002 min  
Lab File: BG063978.D  
Acq: 3 Feb 2025 13:11

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 117   | Resp: | 30637 |
| Ion      | Ratio | Lower | Upper |
| 117      | 100   |       |       |
| 119      | 99.2  | 75.4  | 113.0 |
| 201      | 103.1 | 82.4  | 123.6 |

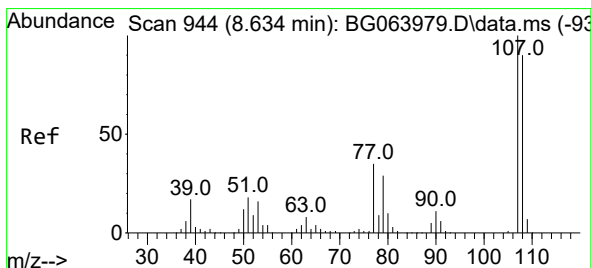
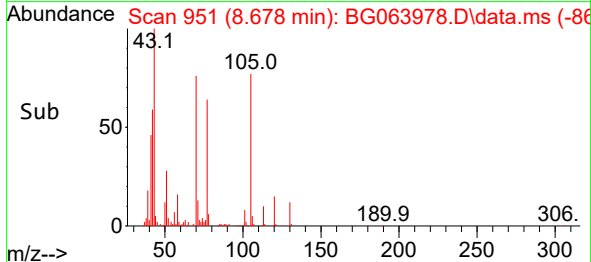
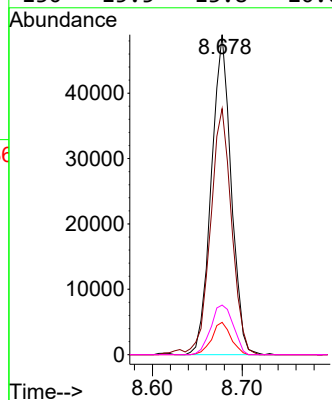
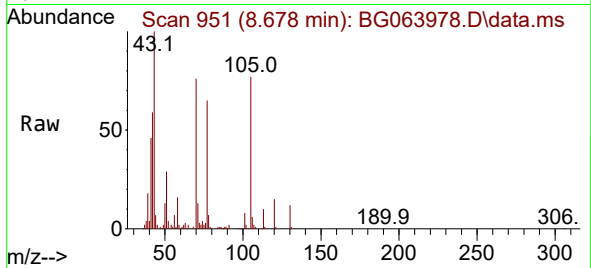




#19  
n-Nitroso-di-n-propylamine  
Concen: 18.788 ng  
RT: 8.678 min Scan# 91  
Delta R.T. -0.004 min  
Lab File: BG063978.D  
Acq: 3 Feb 2025 13:11

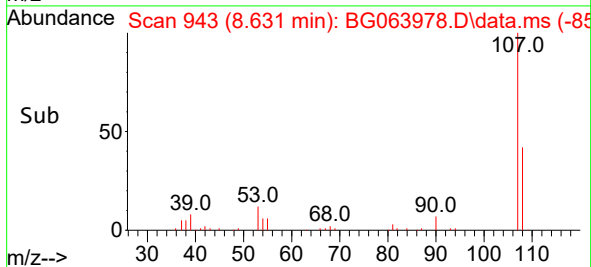
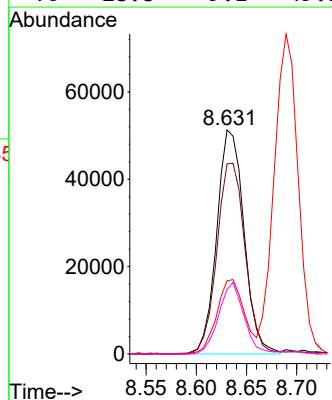
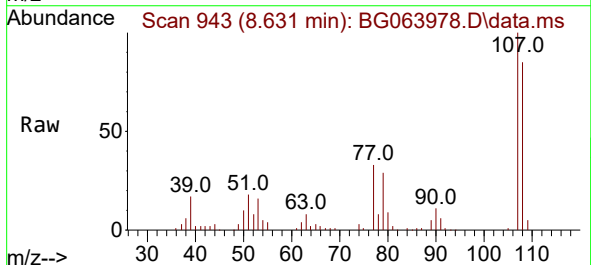
Instrument :  
BNA\_G  
ClientSampleId :  
SSTDICC020

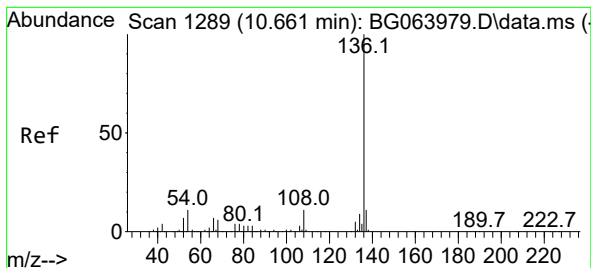
Tgt Ion: 70 Resp: 75153  
Ion Ratio Lower Upper  
70 100  
42 76.9 62.2 93.4  
101 10.1 5.6 8.4#  
130 15.5 13.8 20.6



#20  
3+4-Methylphenols  
Concen: 17.824 ng  
RT: 8.631 min Scan# 943  
Delta R.T. -0.004 min  
Lab File: BG063978.D  
Acq: 3 Feb 2025 13:11

Tgt Ion: 107 Resp: 96764  
Ion Ratio Lower Upper  
107 100  
108 84.8 70.0 110.0  
77 32.6 15.2 55.2  
79 28.8 9.1 49.1

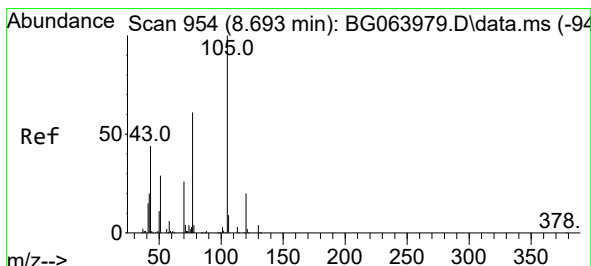
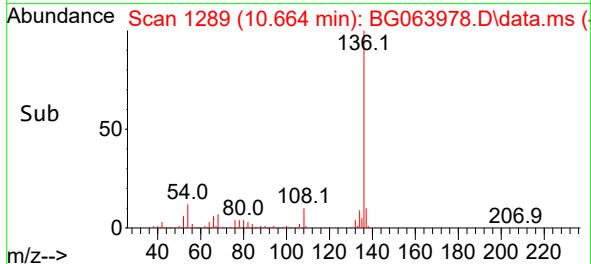
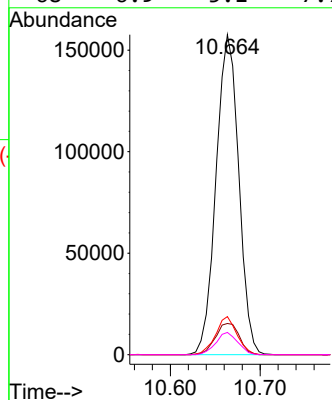
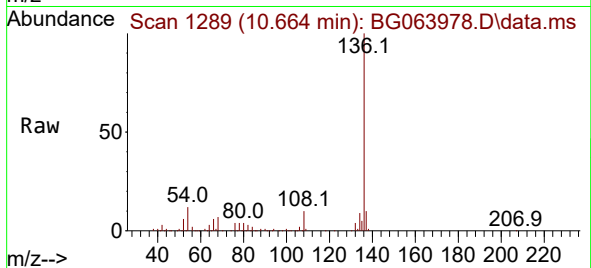




#21  
Naphthalene-d8  
Concen: 20.000 ng  
RT: 10.664 min Scan# 11  
Delta R.T. 0.002 min  
Lab File: BG063978.D  
Acq: 3 Feb 2025 13:11

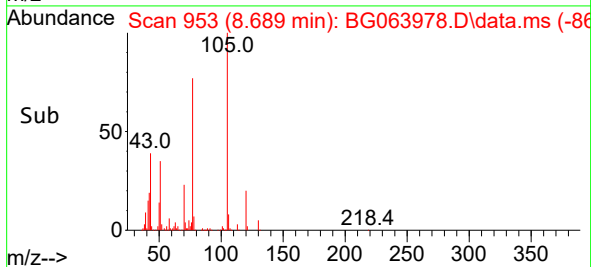
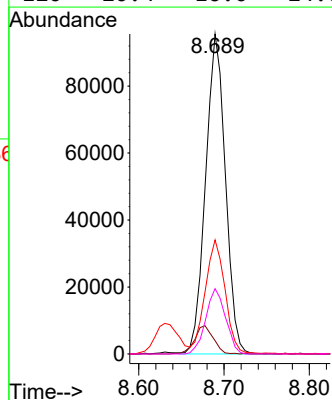
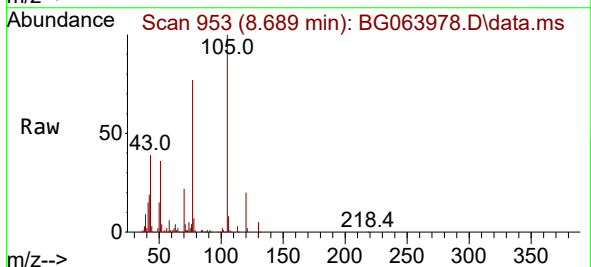
Instrument :  
BNA\_G  
ClientSampleId :  
SSTDICC020

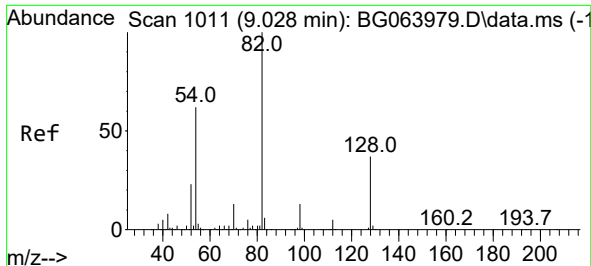
Tgt Ion:136 Resp: 276061  
Ion Ratio Lower Upper  
136 100  
137 9.7 8.9 13.3  
54 11.9 9.2 13.8  
68 6.9 5.1 7.7



#22  
Acetophenone  
Concen: 19.486 ng  
RT: 8.689 min Scan# 953  
Delta R.T. -0.004 min  
Lab File: BG063978.D  
Acq: 3 Feb 2025 13:11

Tgt Ion:105 Resp: 154296  
Ion Ratio Lower Upper  
105 100  
71 4.1 3.1 4.7  
51 35.6 29.9 44.9  
120 20.4 16.0 24.0

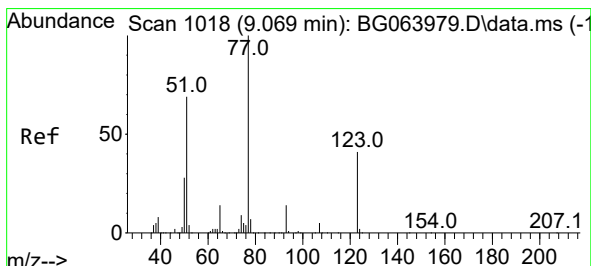
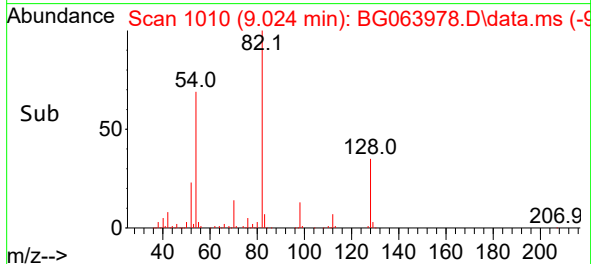
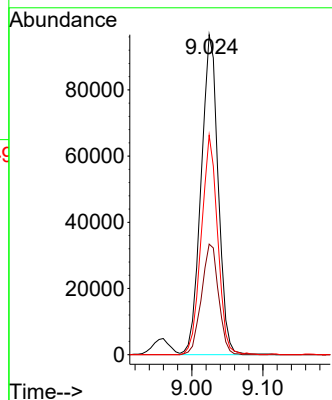
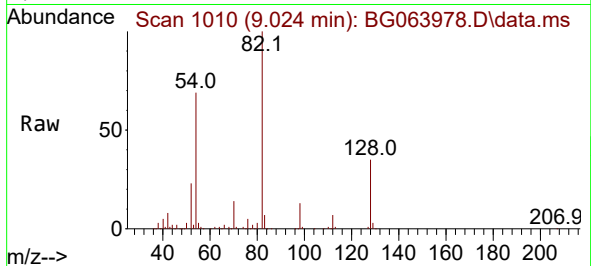




#23  
Nitrobenzene-d5  
Concen: 38.028 ng  
RT: 9.024 min Scan# 1011  
Delta R.T. -0.004 min  
Lab File: BG063978.D  
Acq: 3 Feb 2025 13:11

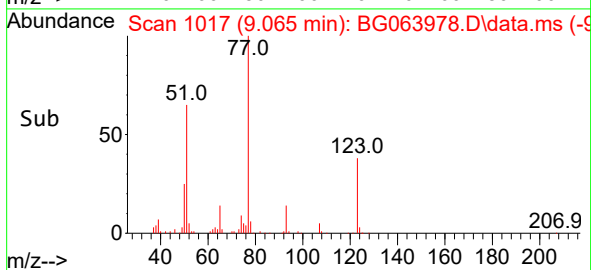
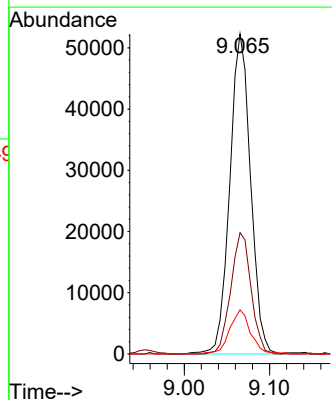
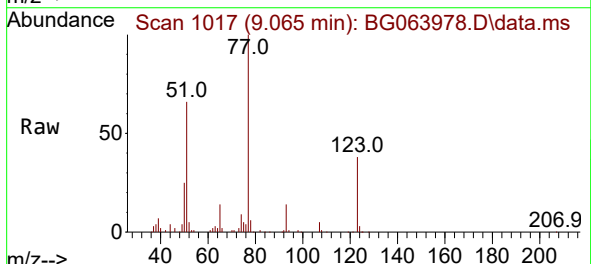
Instrument :  
BNA\_G  
ClientSampleId :  
SSTDICC020

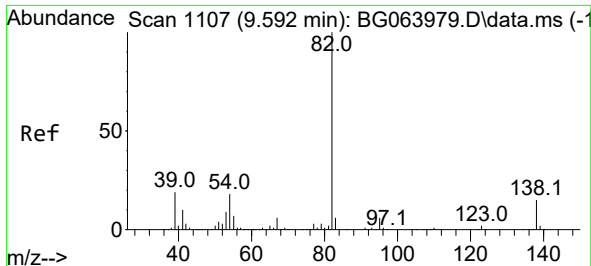
Tgt Ion: 82 Resp: 161789  
Ion Ratio Lower Upper  
82 100  
128 34.5 29.4 44.2  
54 68.6 49.9 74.9



#24  
Nitrobenzene  
Concen: 19.521 ng  
RT: 9.065 min Scan# 1017  
Delta R.T. -0.004 min  
Lab File: BG063978.D  
Acq: 3 Feb 2025 13:11

Tgt Ion: 77 Resp: 88469  
Ion Ratio Lower Upper  
77 100  
123 37.9 32.9 49.3  
65 13.8 11.0 16.6

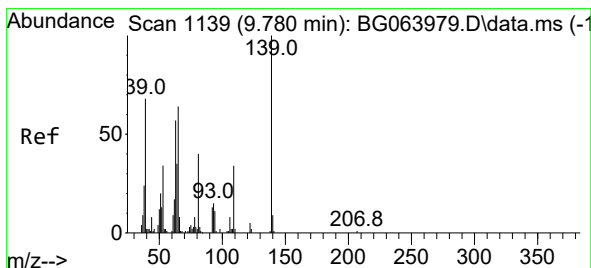
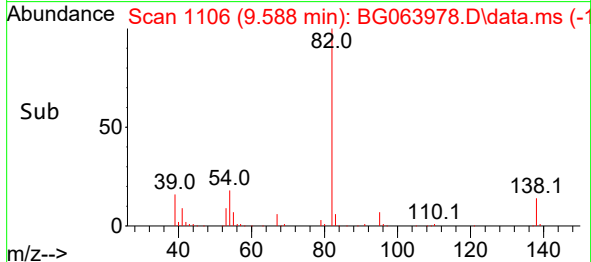
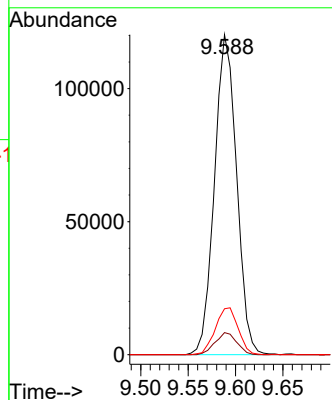
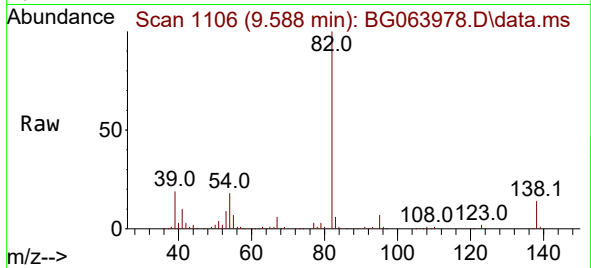




#25  
Isophorone  
Concen: 18.001 ng  
RT: 9.588 min Scan# 1106  
Delta R.T. -0.004 min  
Lab File: BG063978.D  
Acq: 3 Feb 2025 13:11

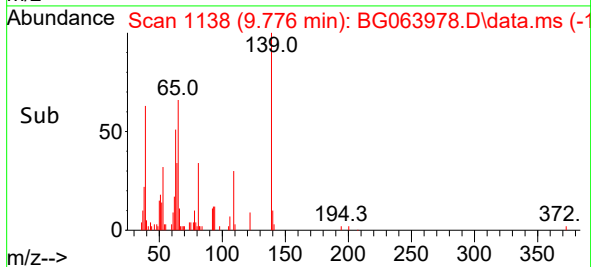
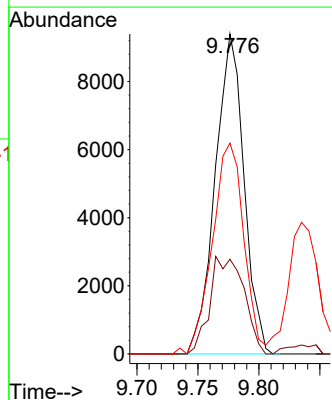
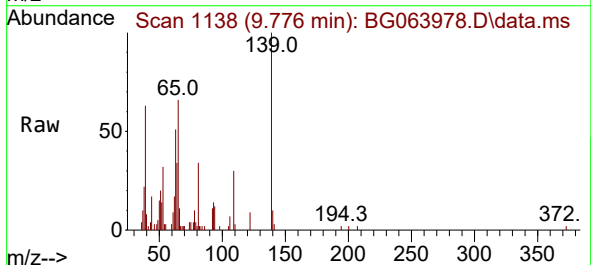
Instrument :  
BNA\_G  
ClientSampleId :  
SSTDICC020

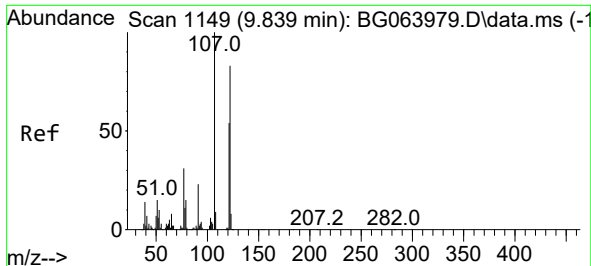
Tgt Ion: 82 Resp: 195202  
Ion Ratio Lower Upper  
82 100  
95 6.9 5.0 7.4  
138 14.3 12.2 18.4



#26  
2-Nitrophenol  
Concen: 16.061 ng  
RT: 9.776 min Scan# 1138  
Delta R.T. -0.004 min  
Lab File: BG063978.D  
Acq: 3 Feb 2025 13:11

Tgt Ion:139 Resp: 15461  
Ion Ratio Lower Upper  
139 100  
109 29.6 27.1 40.7  
65 65.9 51.0 76.6





#27

2,4-Dimethylphenol

Concen: 18.683 ng

RT: 9.835 min Scan# 1149

Delta R.T. -0.004 min

Lab File: BG063978.D

Acq: 3 Feb 2025 13:11

Instrument :

BNA\_G

ClientSampleId :

SSTDICC020

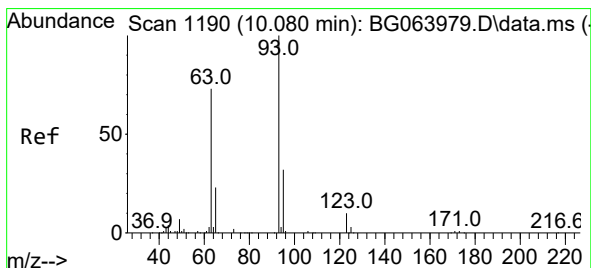
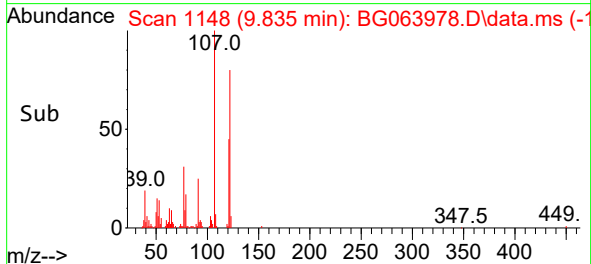
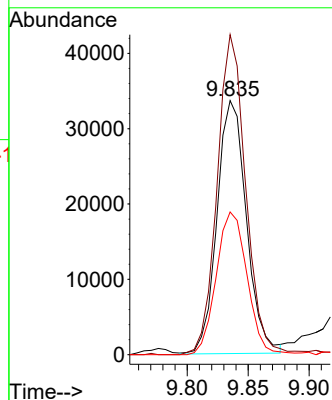
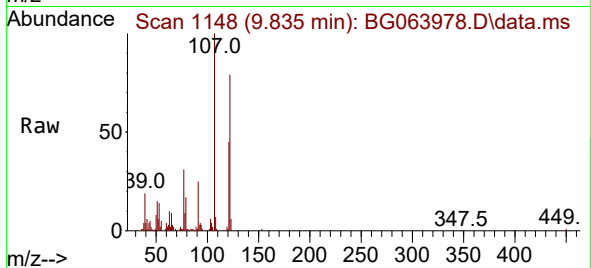
Tgt Ion:122 Resp: 56417

Ion Ratio Lower Upper

122 100

107 125.9 96.4 144.6

121 56.2 51.8 77.6



#28

bis(2-Chloroethoxy)methane

Concen: 18.744 ng

RT: 10.076 min Scan# 1189

Delta R.T. -0.004 min

Lab File: BG063978.D

Acq: 3 Feb 2025 13:11

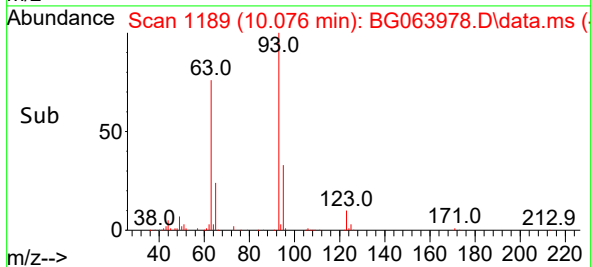
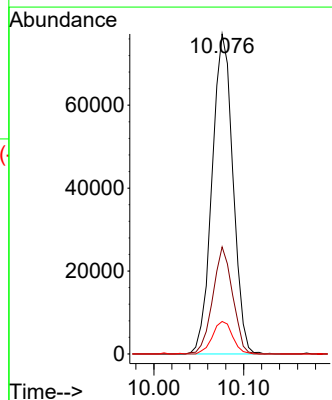
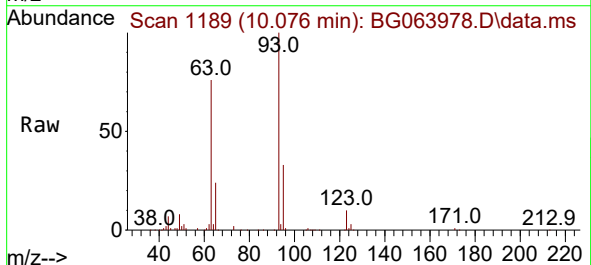
Tgt Ion: 93 Resp: 124514

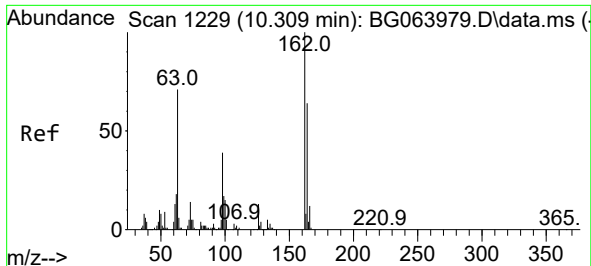
Ion Ratio Lower Upper

93 100

95 33.4 25.4 38.2

123 10.2 7.8 11.6





#29

2,4-Dichlorophenol

Concen: 18.340 ng

RT: 10.305 min Scan# 1

Delta R.T. -0.004 min

Lab File: BG063978.D

Acq: 3 Feb 2025 13:11

Instrument :

BNA\_G

ClientSampleId :

SSTDICC020

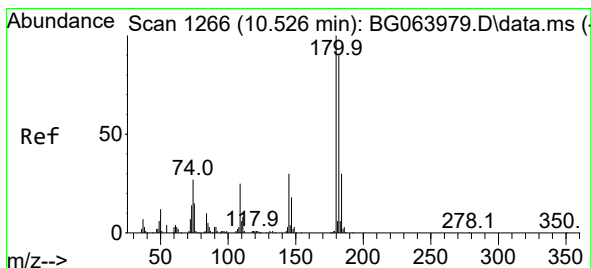
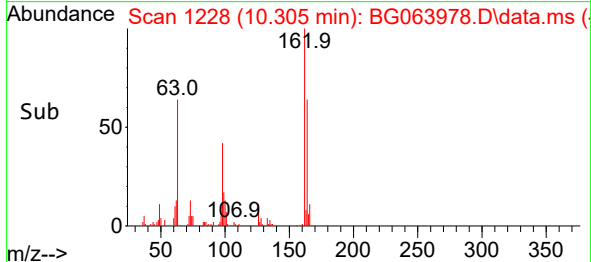
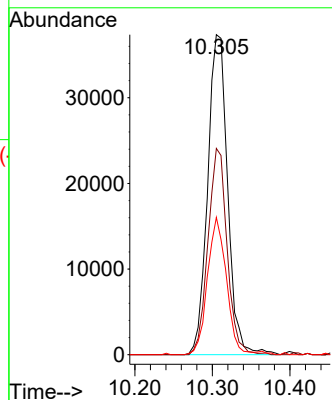
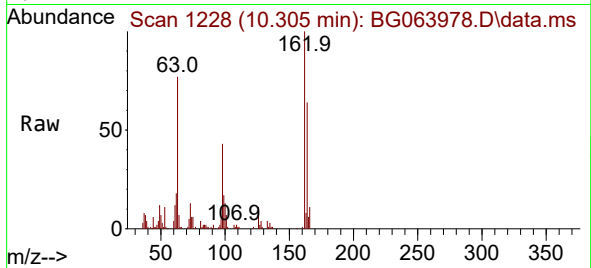
Tgt Ion:162 Resp: 66869

Ion Ratio Lower Upper

162 100

164 64.4 43.6 83.6

98 42.9 18.6 58.6



#30

1,2,4-Trichlorobenzene

Concen: 18.647 ng

RT: 10.528 min Scan# 1266

Delta R.T. 0.002 min

Lab File: BG063978.D

Acq: 3 Feb 2025 13:11

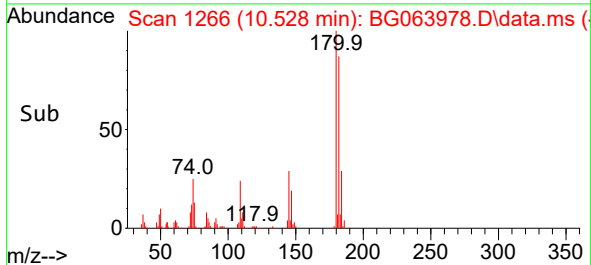
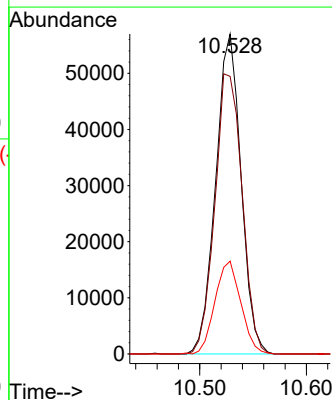
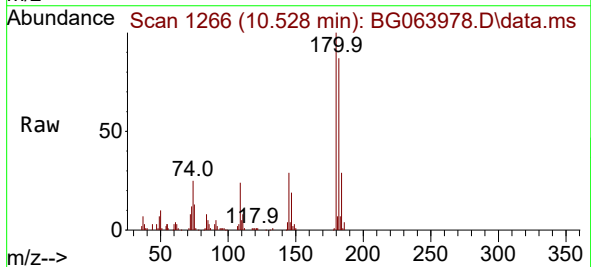
Tgt Ion:180 Resp: 94134

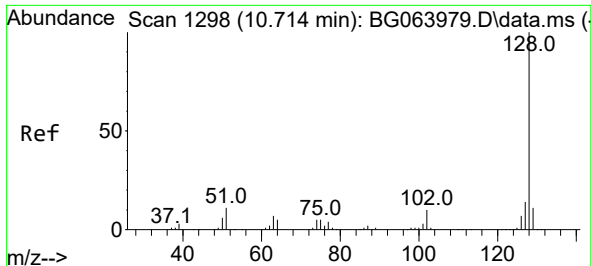
Ion Ratio Lower Upper

180 100

182 86.8 72.3 108.5

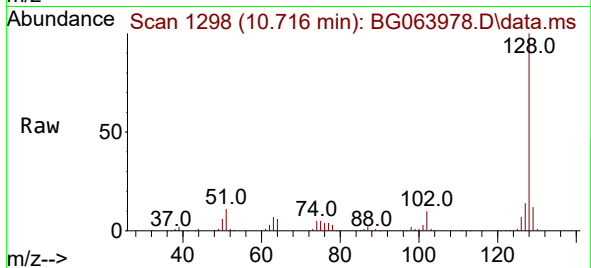
145 29.0 23.8 35.8



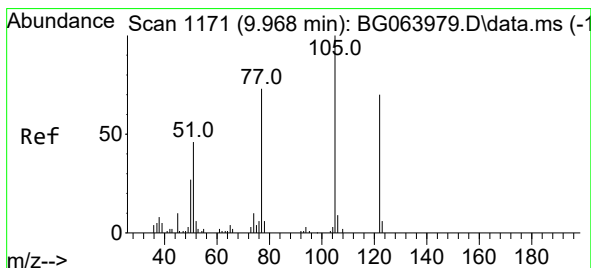
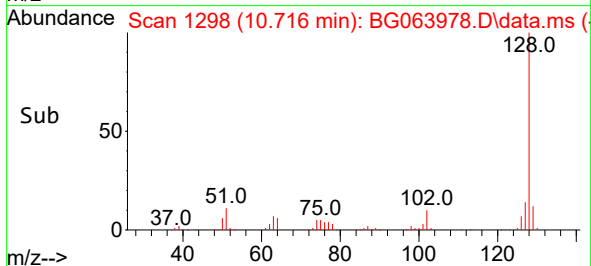
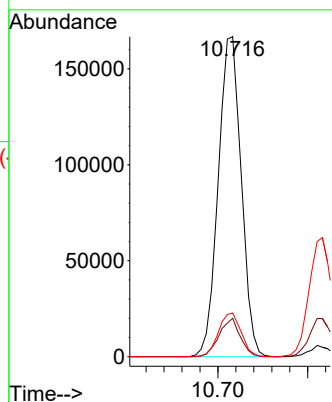


#31  
Naphthalene  
Concen: 18.773 ng  
RT: 10.716 min Scan# 1164  
Delta R.T. 0.002 min  
Lab File: BG063978.D  
Acq: 3 Feb 2025 13:11

Instrument :  
BNA\_G  
ClientSampleId :  
SSTDICC020

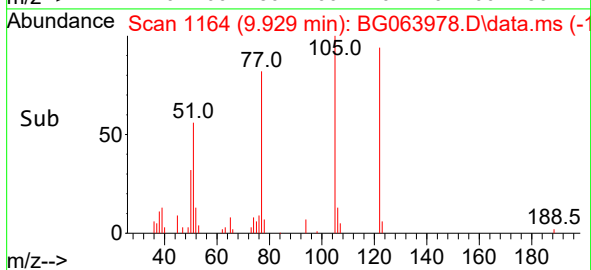
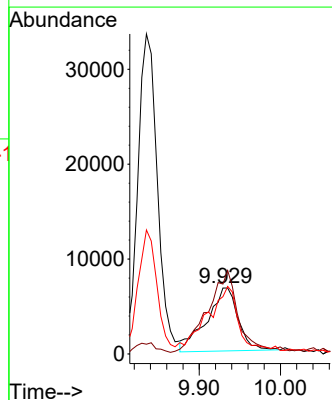
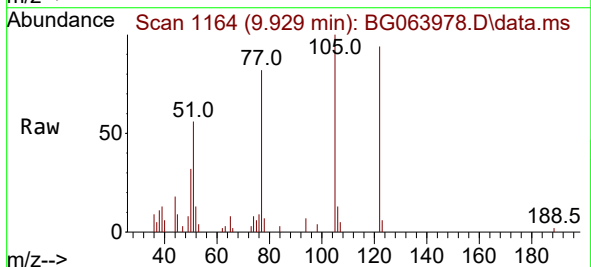


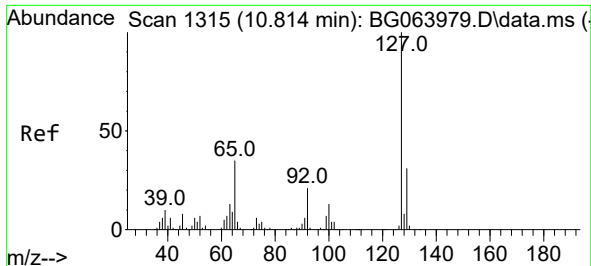
Tgt Ion:128 Resp: 296389  
Ion Ratio Lower Upper  
128 100  
129 12.0 8.8 13.2  
127 13.6 10.8 16.2



#32  
Benzoic acid  
Concen: 10.006 ng  
RT: 9.929 min Scan# 1164  
Delta R.T. -0.039 min  
Lab File: BG063978.D  
Acq: 3 Feb 2025 13:11

Tgt Ion:122 Resp: 17922  
Ion Ratio Lower Upper  
122 100  
105 105.9 117.9 157.9#  
77 86.9 83.9 123.9

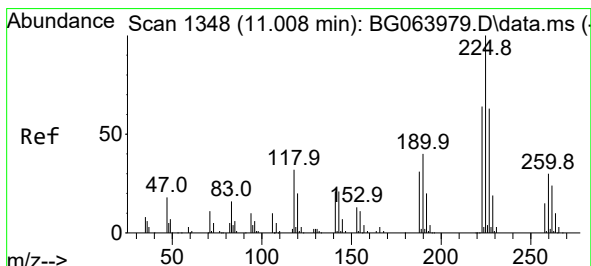
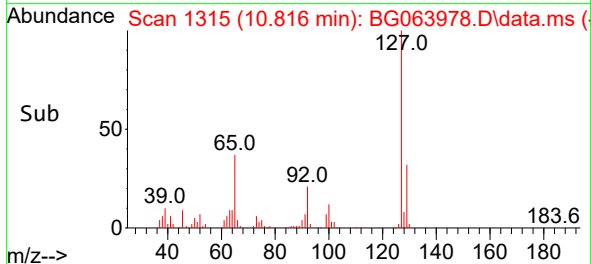
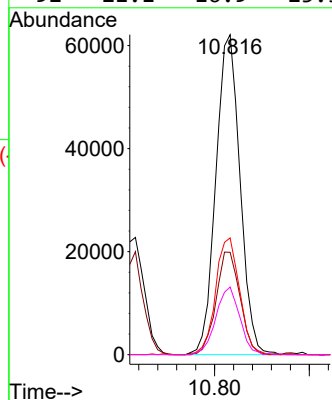
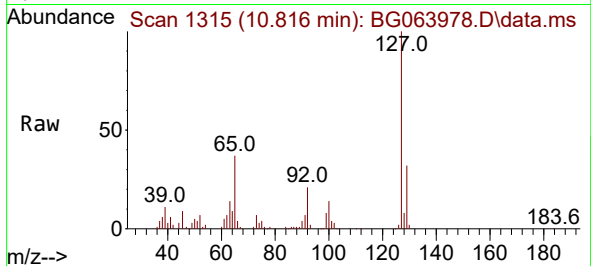




#33  
4-Chloroaniline  
Concen: 19.925 ng  
RT: 10.816 min Scan# 11  
Delta R.T. 0.002 min  
Lab File: BG063978.D  
Acq: 3 Feb 2025 13:11

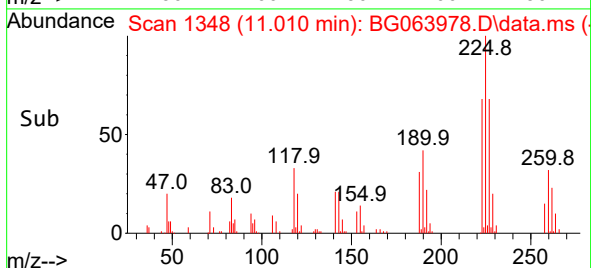
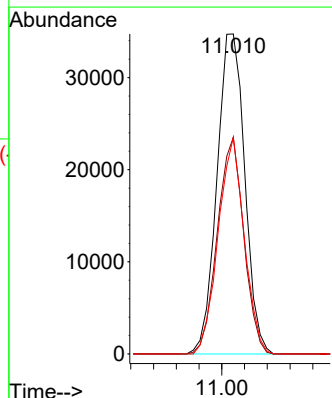
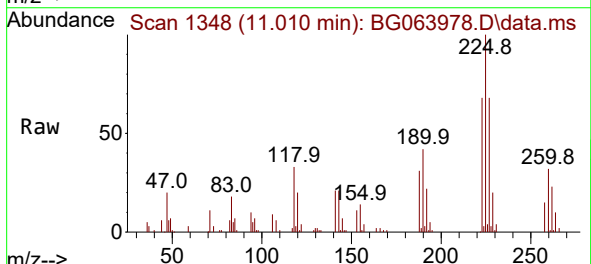
Instrument :  
BNA\_G  
ClientSampleId :  
SSTDICC020

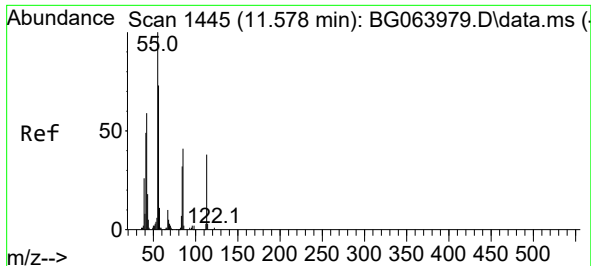
|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 127   | Resp: | 110000 |
| Ion Ratio | Lower | Upper |        |
| 127       | 100   |       |        |
| 129       | 32.0  | 24.9  | 37.3   |
| 65        | 36.5  | 28.2  | 42.4   |
| 92        | 21.1  | 16.9  | 25.3   |



#34  
Hexachlorobutadiene  
Concen: 18.066 ng  
RT: 11.010 min Scan# 1348  
Delta R.T. 0.002 min  
Lab File: BG063978.D  
Acq: 3 Feb 2025 13:11

|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 225   | Resp: | 59011 |
| Ion Ratio | Lower | Upper |       |
| 225       | 100   |       |       |
| 223       | 67.7  | 51.0  | 76.6  |
| 227       | 67.7  | 50.3  | 75.5  |

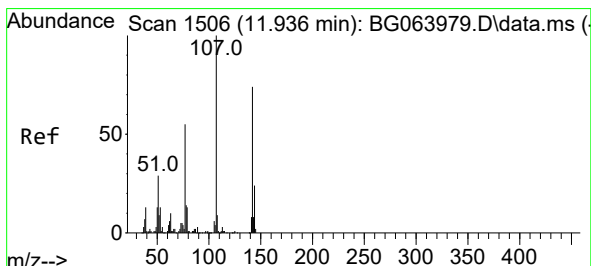
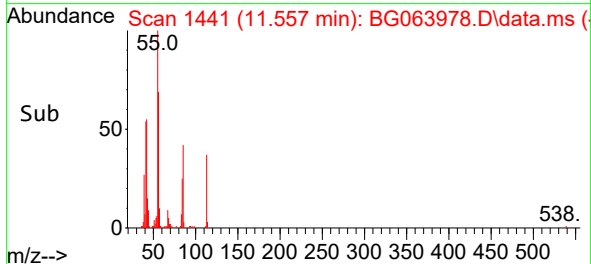
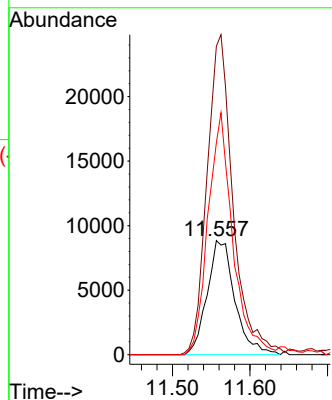
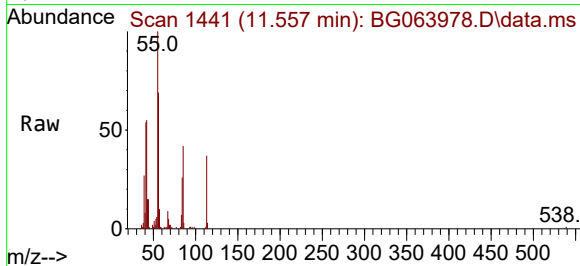




#35  
Caprolactam  
Concen: 15.942 ng  
RT: 11.557 min Scan# 14  
Delta R.T. -0.021 min  
Lab File: BG063978.D  
Acq: 3 Feb 2025 13:11

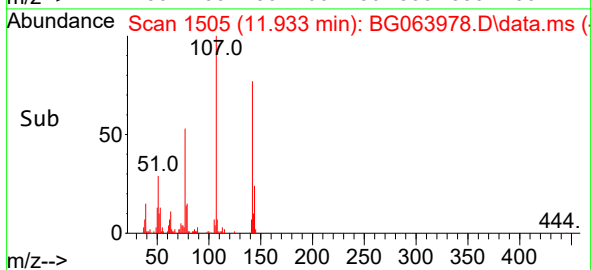
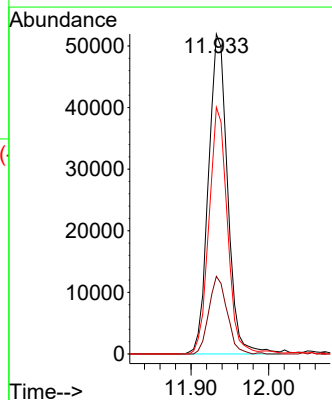
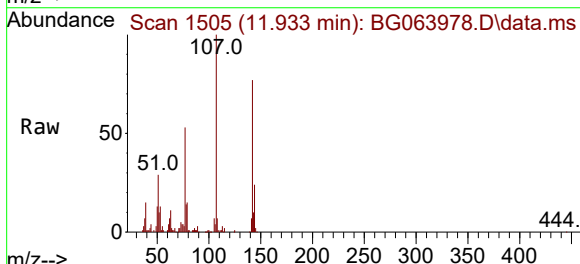
Instrument :  
BNA\_G  
ClientSampleId :  
SSTDICC020

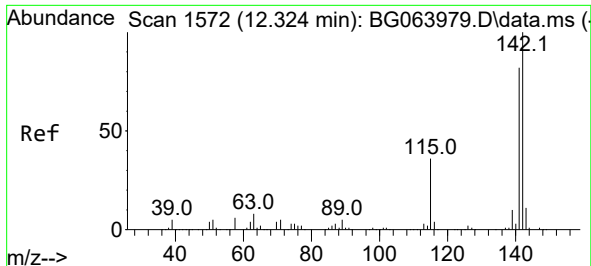
| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 113     | 100   |       |       |
| 55      | 270.5 | 241.8 | 281.8 |
| 56      | 185.8 | 171.5 | 211.5 |



#36  
4-Chloro-3-methylphenol  
Concen: 18.611 ng  
RT: 11.933 min Scan# 1505  
Delta R.T. -0.004 min  
Lab File: BG063978.D  
Acq: 3 Feb 2025 13:11

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 107     | 100   |       |       |
| 144     | 24.2  | 19.2  | 28.8  |
| 142     | 77.1  | 58.9  | 88.3  |

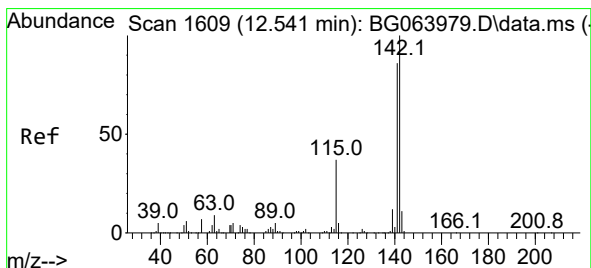
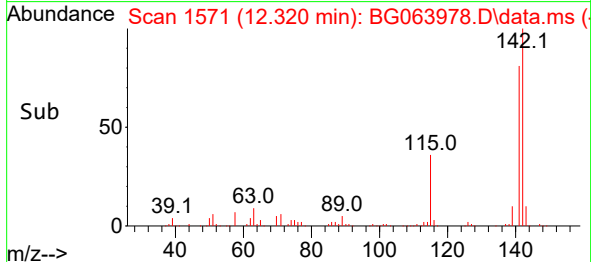
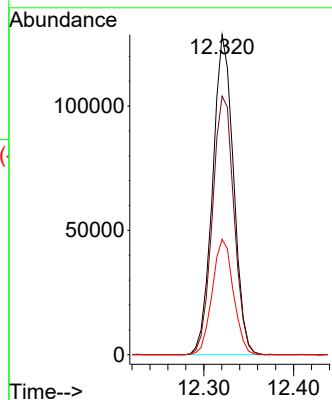
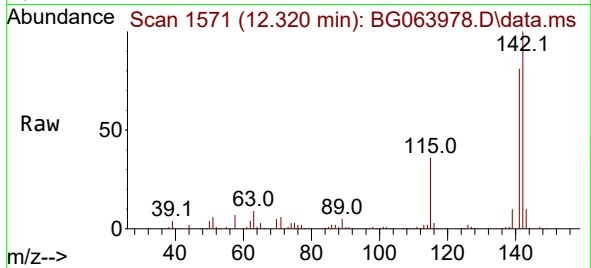




#37  
2-Methylnaphthalene  
Concen: 19.075 ng  
RT: 12.320 min Scan# 11  
Delta R.T. -0.004 min  
Lab File: BG063978.D  
Acq: 3 Feb 2025 13:11

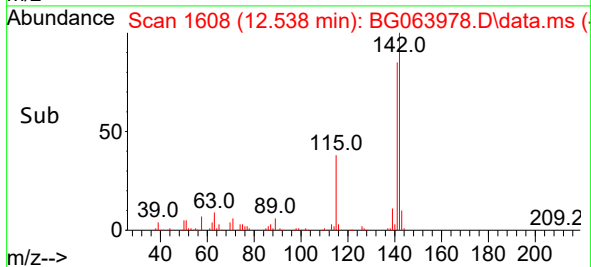
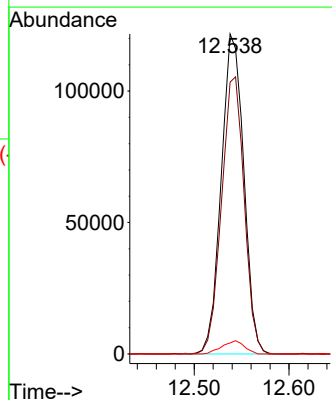
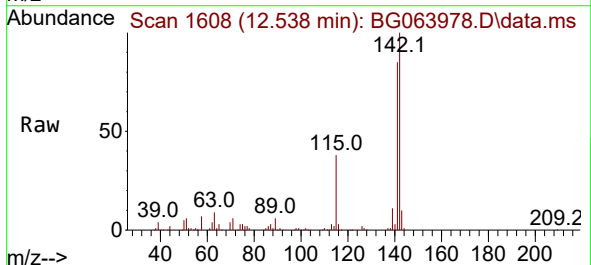
Instrument :  
BNA\_G  
ClientSampleId :  
SSTDICC020

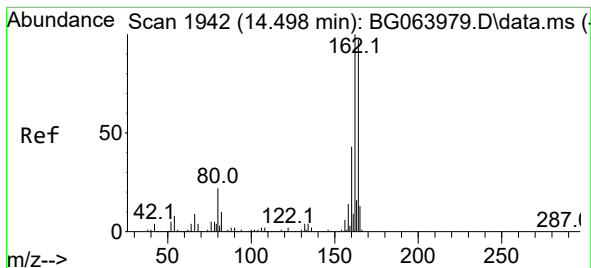
Tgt Ion:142 Resp: 207371  
Ion Ratio Lower Upper  
142 100  
141 80.8 65.8 98.8  
115 36.1 28.9 43.3



#38  
1-Methylnaphthalene  
Concen: 18.746 ng  
RT: 12.538 min Scan# 1608  
Delta R.T. -0.004 min  
Lab File: BG063978.D  
Acq: 3 Feb 2025 13:11

Tgt Ion:142 Resp: 200846  
Ion Ratio Lower Upper  
142 100  
141 84.9 69.2 103.8  
116 3.5 3.6 5.4#





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.500 min Scan# 1942

Delta R.T. 0.002 min

Lab File: BG063978.D

Acq: 3 Feb 2025 13:11

Instrument :

BNA\_G

ClientSampleId :

SSTDICC020

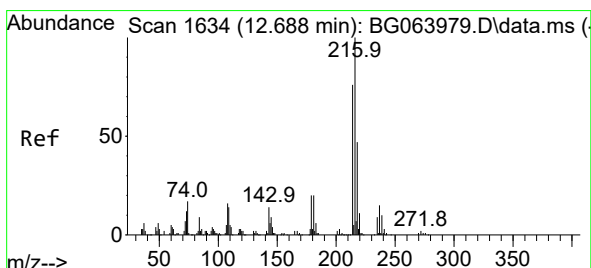
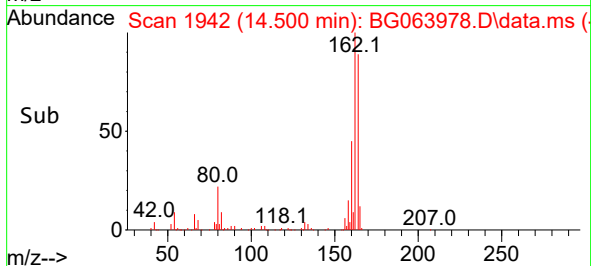
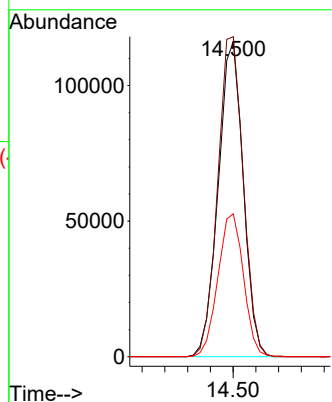
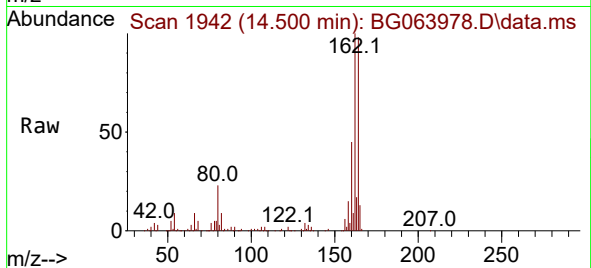
Tgt Ion:164 Resp: 177325

Ion Ratio Lower Upper

164 100

162 101.5 82.3 123.5

160 45.3 35.4 53.0



#40

1,2,4,5-Tetrachlorobenzene

Concen: 20.776 ng

RT: 12.691 min Scan# 1634

Delta R.T. 0.002 min

Lab File: BG063978.D

Acq: 3 Feb 2025 13:11

Tgt Ion:216 Resp: 109966

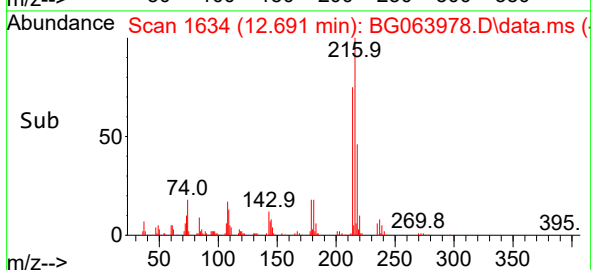
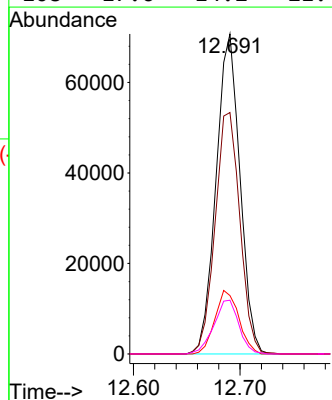
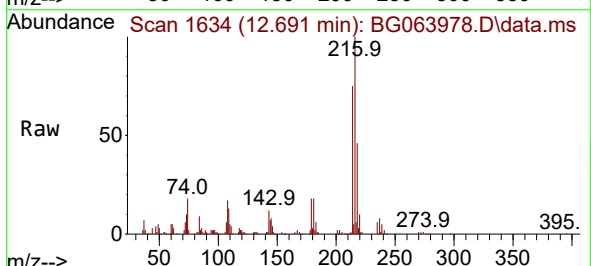
Ion Ratio Lower Upper

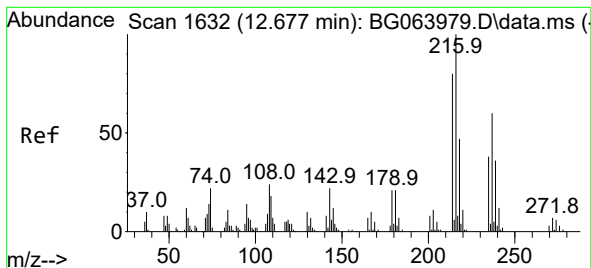
216 100

214 78.2 62.9 94.3

179 19.9 16.6 25.0

108 17.6 14.2 21.4





#41

Hexachlorocyclopentadiene

Concen: 20.346 ng

RT: 12.679 min Scan# 1

Delta R.T. 0.002 min

Lab File: BG063978.D

Acq: 3 Feb 2025 13:11

Instrument :

BNA\_G

ClientSampleId :

SSTDICC020

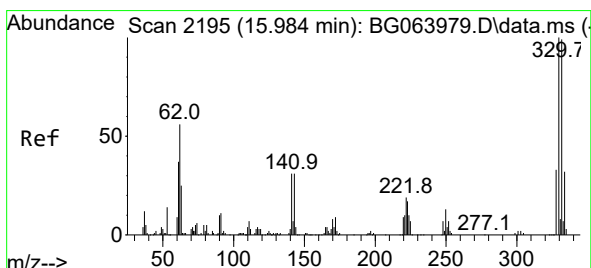
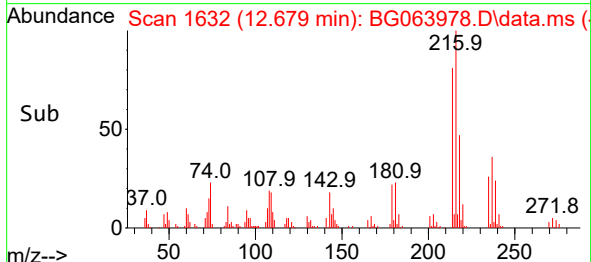
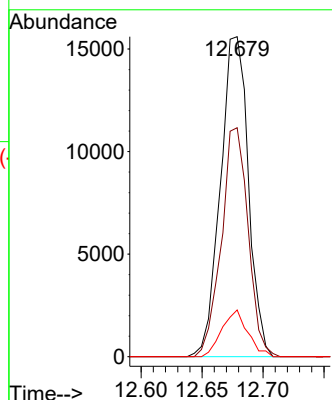
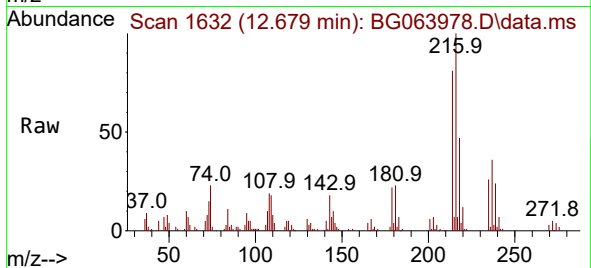
Tgt Ion:237 Resp: 24866

Ion Ratio Lower Upper

237 100

235 71.6 43.8 83.8

272 14.6 0.0 32.3



#42

2,4,6-Tribromophenol

Concen: 31.402 ng

RT: 15.981 min Scan# 2194

Delta R.T. -0.004 min

Lab File: BG063978.D

Acq: 3 Feb 2025 13:11

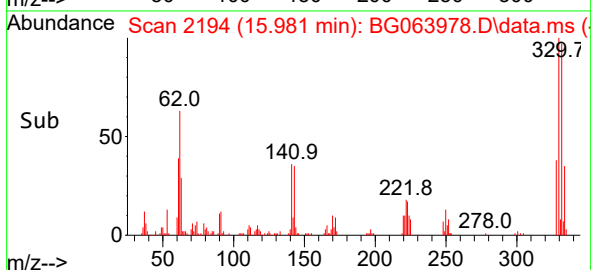
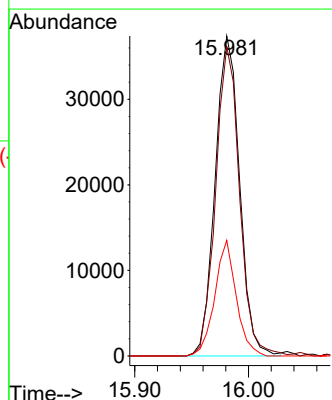
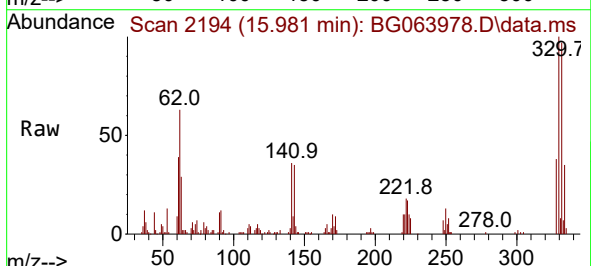
Tgt Ion:330 Resp: 55855

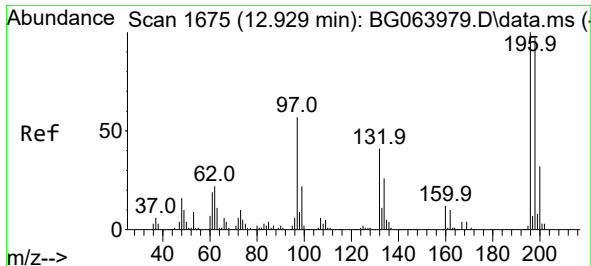
Ion Ratio Lower Upper

330 100

332 94.6 79.0 118.6

141 31.9 27.2 40.8

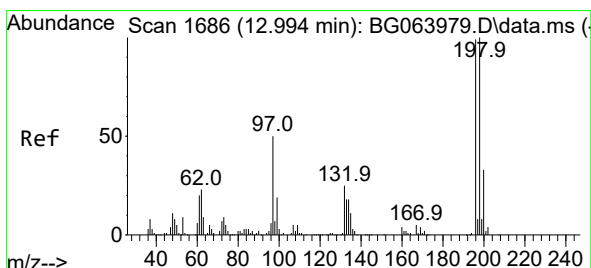
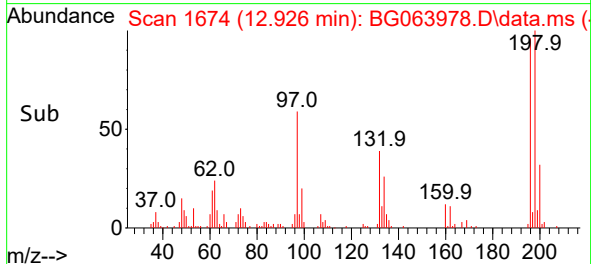
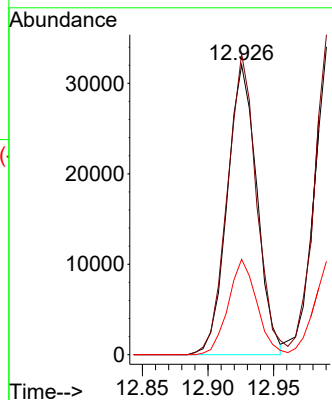
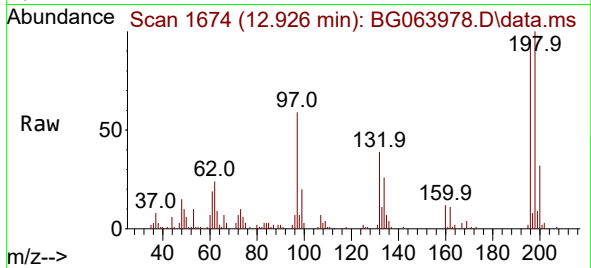




#43  
 2,4,6-Trichlorophenol  
 Concen: 18.356 ng  
 RT: 12.926 min Scan# 1674  
 Delta R.T. -0.004 min  
 Lab File: BG063978.D  
 Acq: 3 Feb 2025 13:11

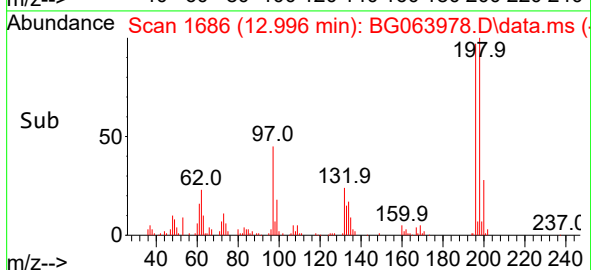
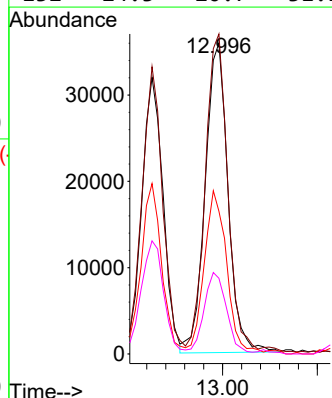
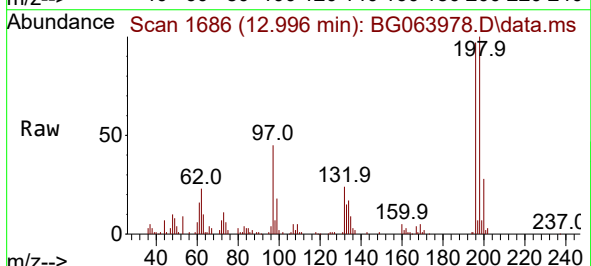
Instrument :  
 BNA\_G  
 ClientSampleId :  
 SSTDICC020

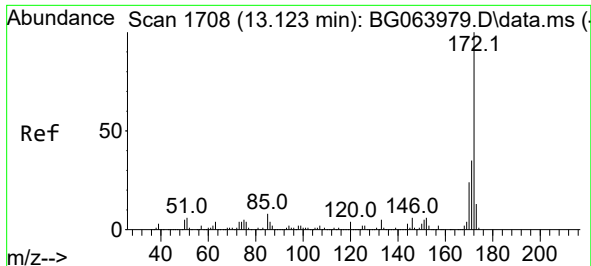
Tgt Ion:196 Resp: 50322  
 Ion Ratio Lower Upper  
 196 100  
 198 103.8 77.9 116.9  
 200 32.9 25.5 38.3



#44  
 2,4,5-Trichlorophenol  
 Concen: 19.086 ng  
 RT: 12.996 min Scan# 1686  
 Delta R.T. 0.002 min  
 Lab File: BG063978.D  
 Acq: 3 Feb 2025 13:11

Tgt Ion:196 Resp: 59907  
 Ion Ratio Lower Upper  
 196 100  
 198 102.9 81.1 121.7  
 97 45.9 41.2 61.8  
 132 24.3 20.7 31.1

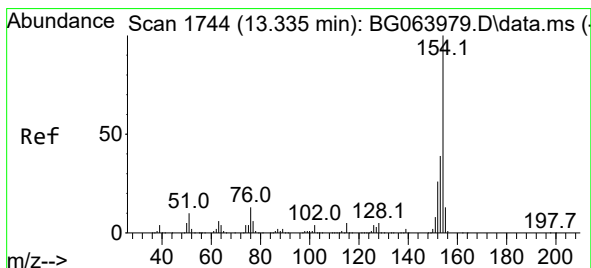
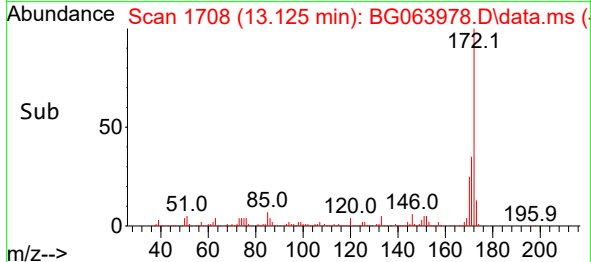
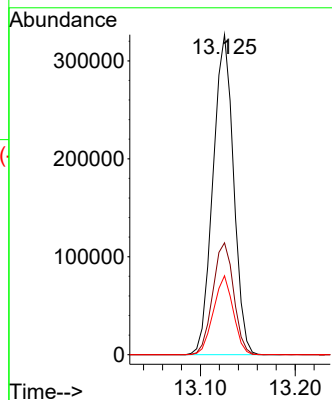
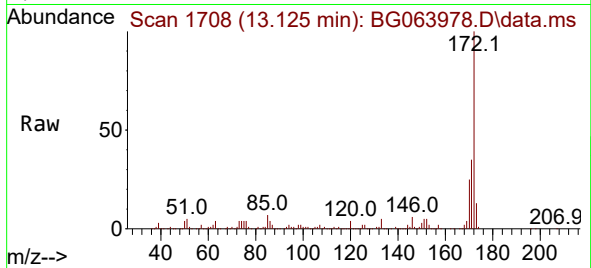




#45  
2-Fluorobiphenyl  
Concen: 40.736 ng  
RT: 13.125 min Scan# 1708  
Delta R.T. 0.002 min  
Lab File: BG063978.D  
Acq: 3 Feb 2025 13:11

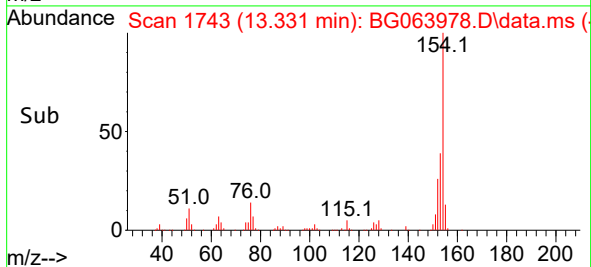
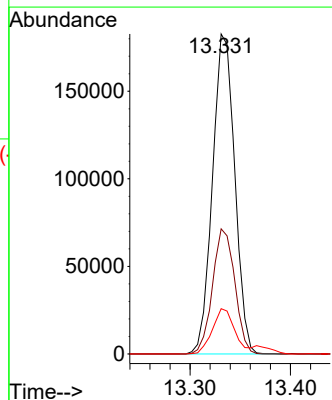
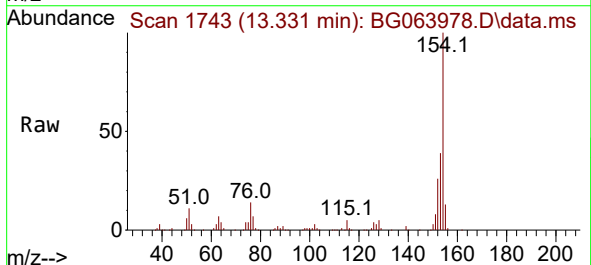
Instrument :  
BNA\_G  
ClientSampleId :  
SSTDICC020

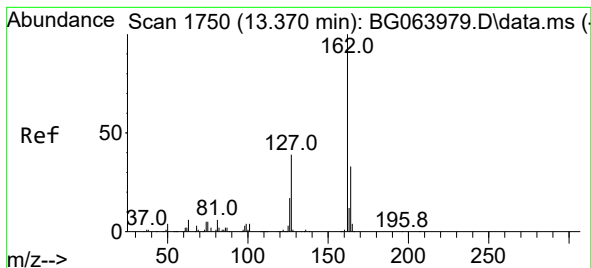
Tgt Ion:172 Resp: 491443  
Ion Ratio Lower Upper  
172 100  
171 35.0 27.8 41.6  
170 24.7 19.4 29.2



#46  
1,1'-Biphenyl  
Concen: 20.594 ng  
RT: 13.331 min Scan# 1743  
Delta R.T. -0.004 min  
Lab File: BG063978.D  
Acq: 3 Feb 2025 13:11

Tgt Ion:154 Resp: 281204  
Ion Ratio Lower Upper  
154 100  
153 39.1 19.3 59.3  
76 14.2 0.0 33.3

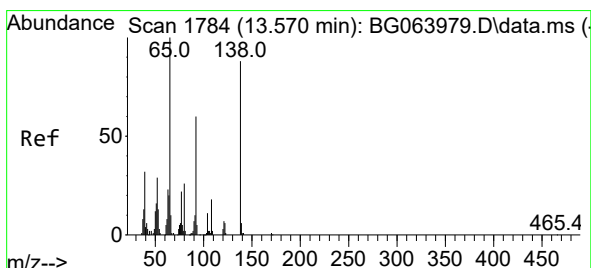
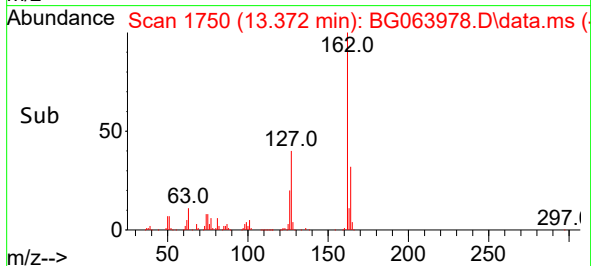
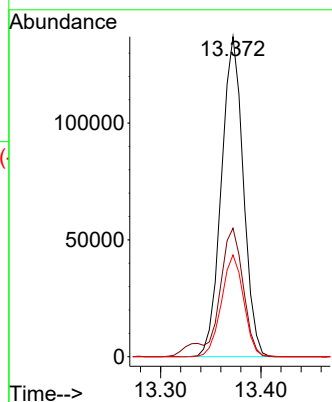
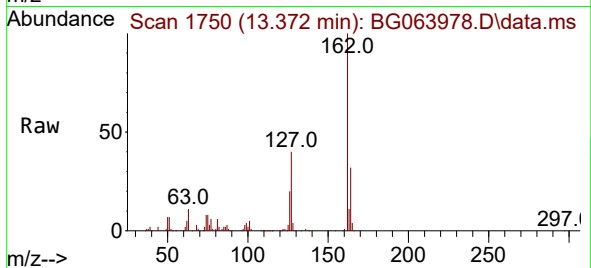




#47  
2-Chloronaphthalene  
Concen: 19.662 ng  
RT: 13.372 min Scan# 1750  
Delta R.T. 0.002 min  
Lab File: BG063978.D  
Acq: 3 Feb 2025 13:11

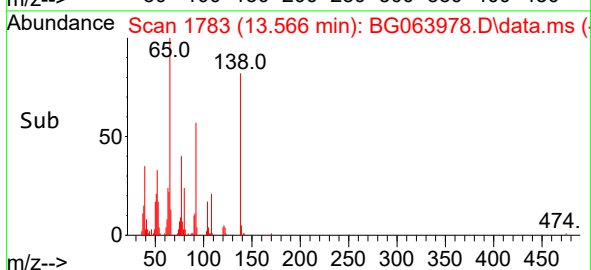
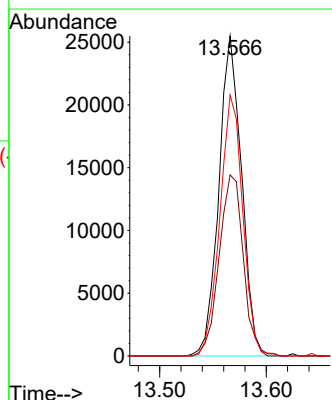
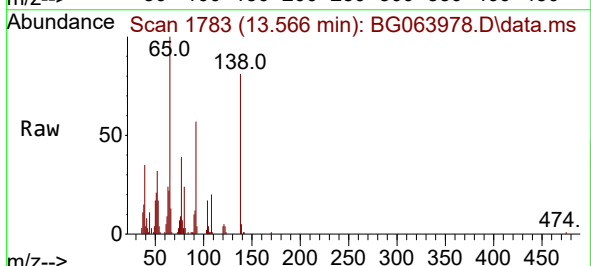
Instrument :  
BNA\_G  
ClientSampleId :  
SSTDICC020

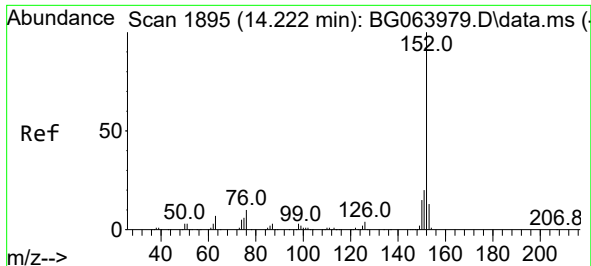
Tgt Ion:162 Resp: 207458  
Ion Ratio Lower Upper  
162 100  
127 40.1 33.4 50.2  
164 31.8 26.0 39.0



#48  
2-Nitroaniline  
Concen: 18.292 ng  
RT: 13.566 min Scan# 1783  
Delta R.T. -0.004 min  
Lab File: BG063978.D  
Acq: 3 Feb 2025 13:11

Tgt Ion: 65 Resp: 37736  
Ion Ratio Lower Upper  
65 100  
92 56.6 47.6 71.4  
138 81.5 70.6 106.0

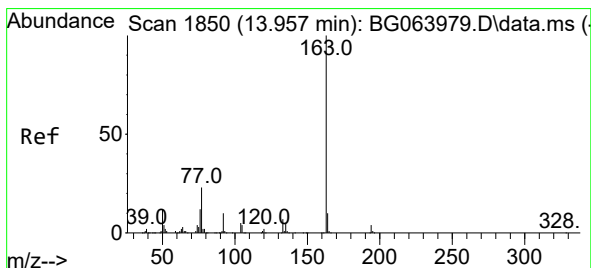
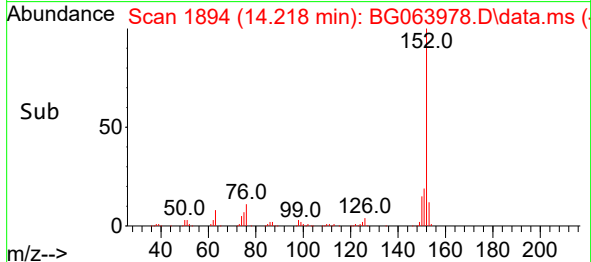
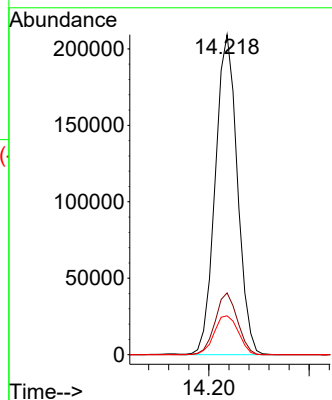
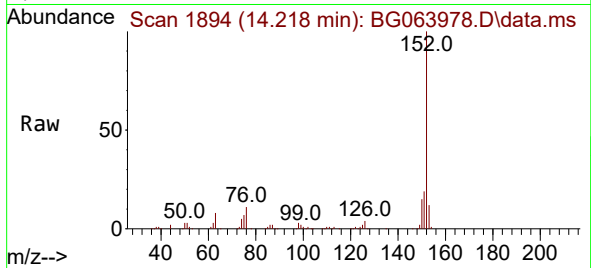




#49  
Acenaphthylene  
Concen: 20.488 ng  
RT: 14.218 min Scan# 1894  
Delta R.T. -0.004 min  
Lab File: BG063978.D  
Acq: 3 Feb 2025 13:11

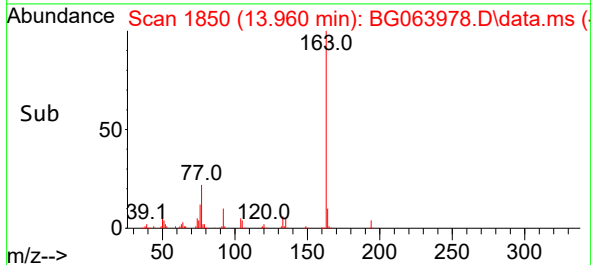
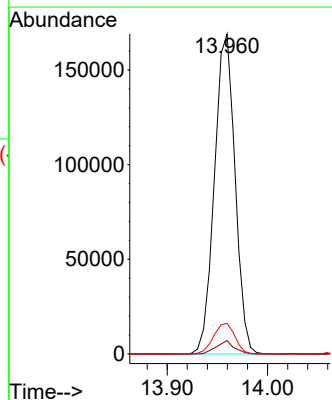
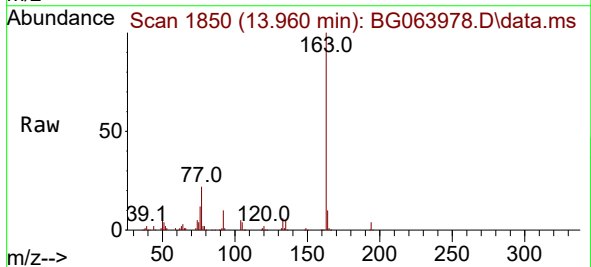
Instrument :  
BNA\_G  
ClientSampleId :  
SSTDICC020

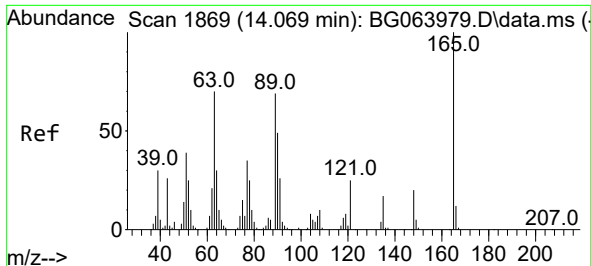
Tgt Ion:152 Resp: 319503  
Ion Ratio Lower Upper  
152 100  
151 19.3 15.9 23.9  
153 12.2 10.3 15.5



#50  
Dimethylphthalate  
Concen: 19.092 ng  
RT: 13.960 min Scan# 1850  
Delta R.T. 0.002 min  
Lab File: BG063978.D  
Acq: 3 Feb 2025 13:11

Tgt Ion:163 Resp: 241023  
Ion Ratio Lower Upper  
163 100  
194 4.2 3.0 4.4  
164 9.6 8.0 12.0

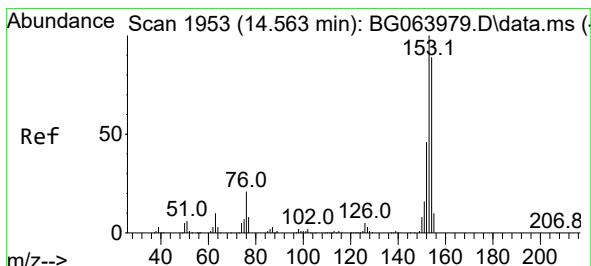
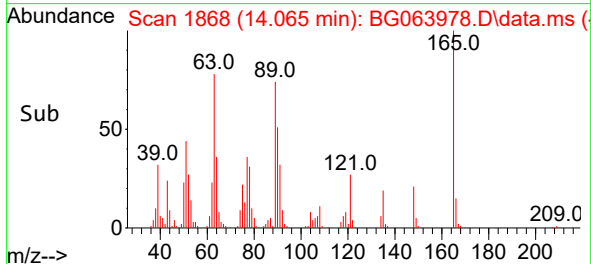
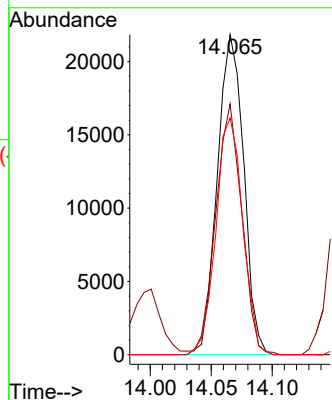
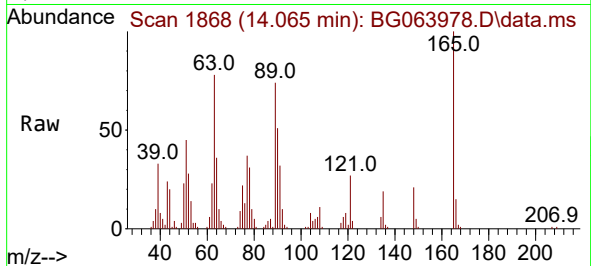




#51  
2,6-Dinitrotoluene  
Concen: 17.731 ng  
RT: 14.065 min Scan# 1868  
Delta R.T. -0.004 min  
Lab File: BG063978.D  
Acq: 3 Feb 2025 13:11

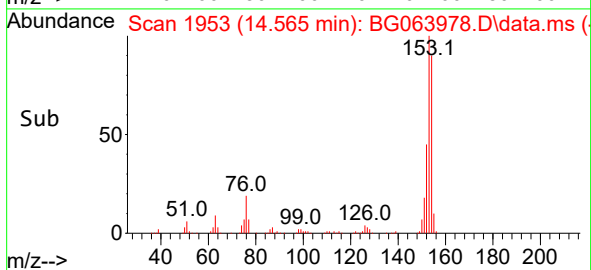
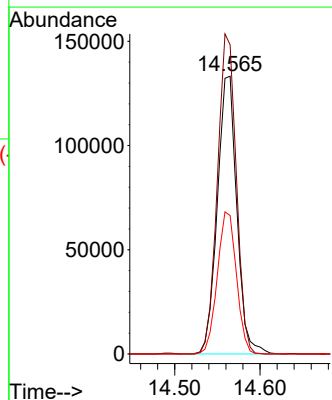
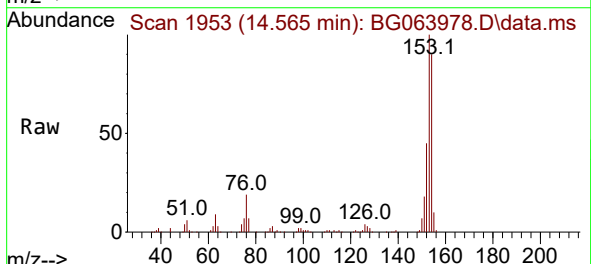
Instrument :  
BNA\_G  
ClientSampleId :  
SSTDICC020

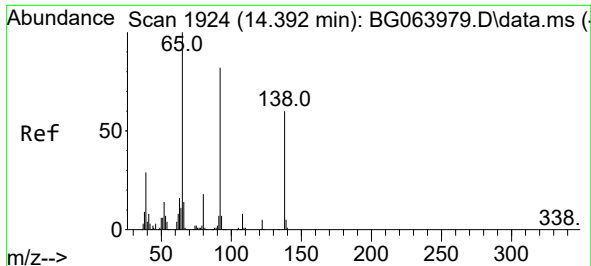
Tgt Ion:165 Resp: 32857  
Ion Ratio Lower Upper  
165 100  
63 78.4 57.7 86.5  
89 74.0 55.6 83.4



#52  
Acenaphthene  
Concen: 19.576 ng  
RT: 14.565 min Scan# 1953  
Delta R.T. 0.002 min  
Lab File: BG063978.D  
Acq: 3 Feb 2025 13:11

Tgt Ion:154 Resp: 212259  
Ion Ratio Lower Upper  
154 100  
153 111.3 90.2 135.2  
152 49.8 41.1 61.7

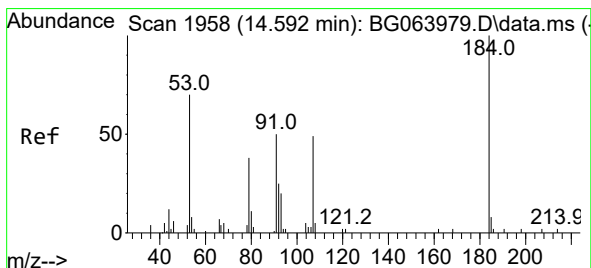
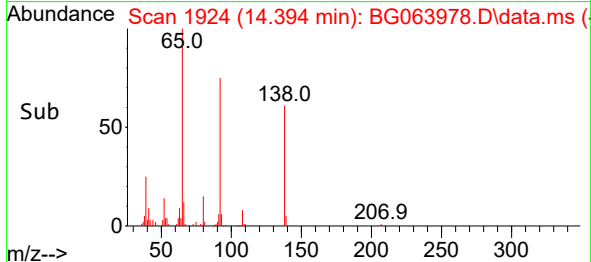
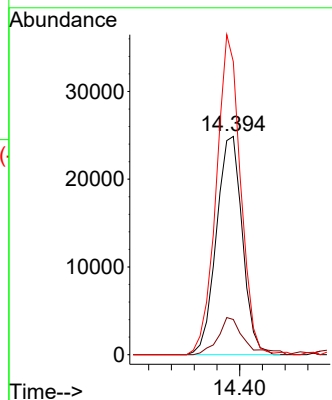
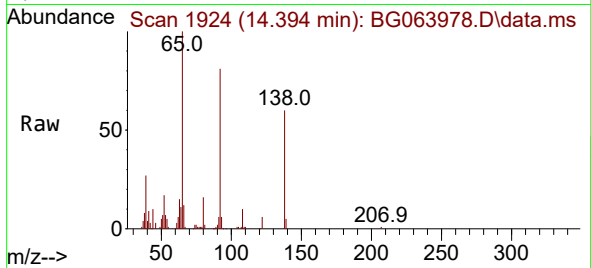




#53  
3-Nitroaniline  
Concen: 20.133 ng  
RT: 14.394 min Scan# 1924  
Delta R.T. 0.002 min  
Lab File: BG063978.D  
Acq: 3 Feb 2025 13:11

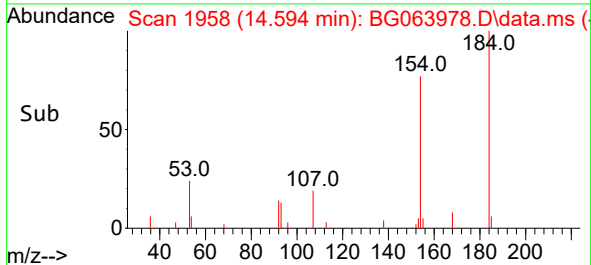
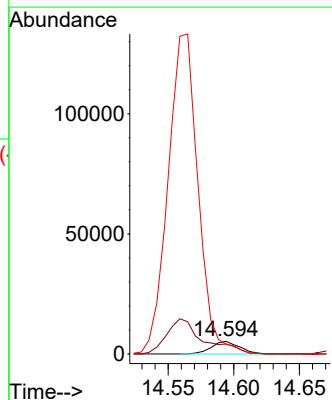
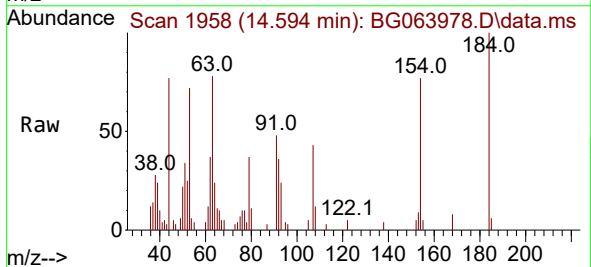
Instrument :  
BNA\_G  
ClientSampleId :  
SSTDICC020

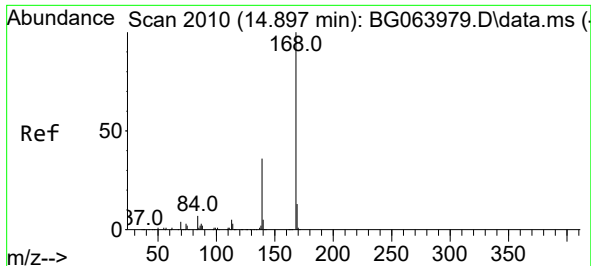
Tgt Ion:138 Resp: 39417  
Ion Ratio Lower Upper  
138 100  
108 16.2 10.3 15.5#  
92 134.2 109.0 163.4



#54  
2,4-Dinitrophenol  
Concen: 14.000 ng  
RT: 14.594 min Scan# 1958  
Delta R.T. 0.002 min  
Lab File: BG063978.D  
Acq: 3 Feb 2025 13:11

Tgt Ion:184 Resp: 7789  
Ion Ratio Lower Upper  
184 100  
63 78.4 67.3 100.9  
154 77.3 65.9 98.9

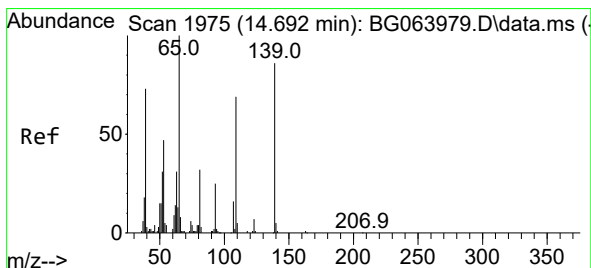
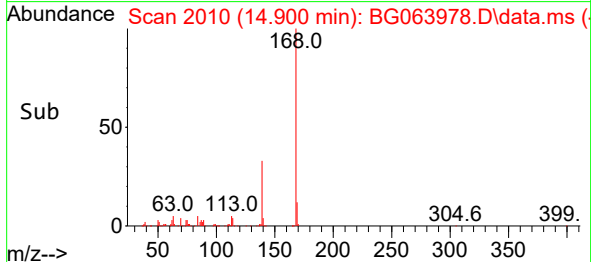
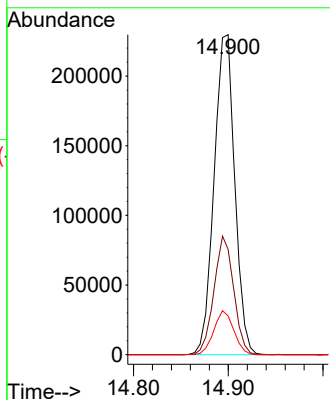
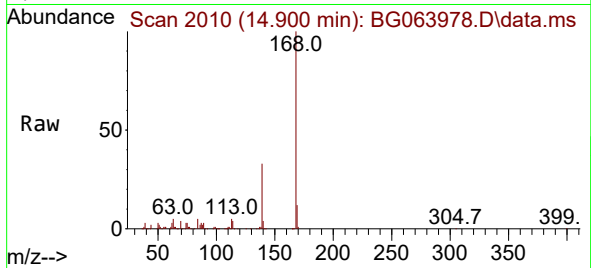




#55  
Dibenzofuran  
Concen: 20.772 ng  
RT: 14.900 min Scan# 2010  
Delta R.T. 0.002 min  
Lab File: BG063978.D  
Acq: 3 Feb 2025 13:11

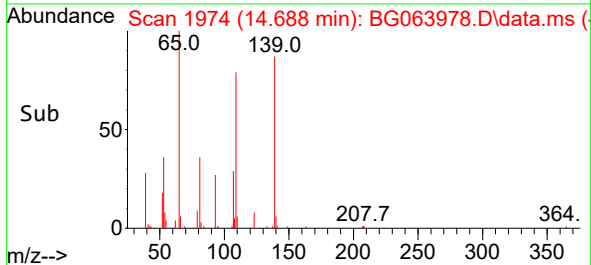
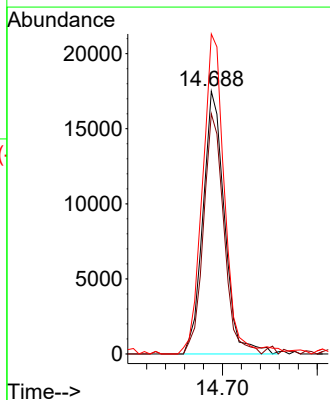
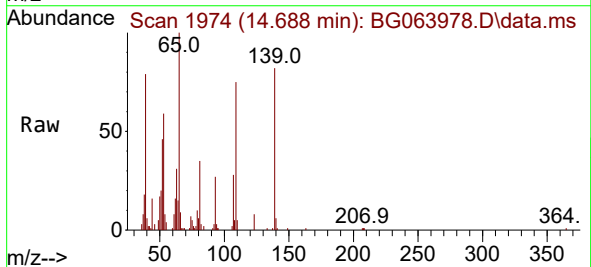
Instrument :  
BNA\_G  
ClientSampleId :  
SSTDICC020

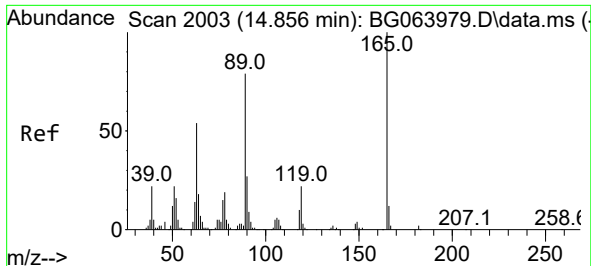
Tgt Ion:168 Resp: 347679  
Ion Ratio Lower Upper  
168 100  
139 32.9 28.6 43.0  
169 12.1 10.6 16.0



#56  
4-Nitrophenol  
Concen: 15.616 ng  
RT: 14.688 min Scan# 1974  
Delta R.T. -0.004 min  
Lab File: BG063978.D  
Acq: 3 Feb 2025 13:11

Tgt Ion:139 Resp: 27662  
Ion Ratio Lower Upper  
139 100  
109 91.4 60.1 100.1  
65 121.8 96.2 136.2





#57

2,4-Dinitrotoluene

Concen: 16.526 ng

RT: 14.853 min Scan# 2003

Delta R.T. -0.004 min

Lab File: BG063978.D

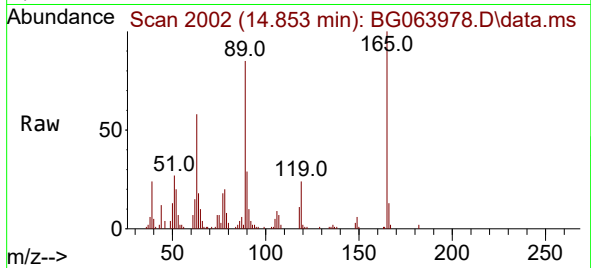
Acq: 3 Feb 2025 13:11

Instrument :

BNA\_G

ClientSampleId :

SSTDICC020



Tgt Ion:165 Resp: 39756

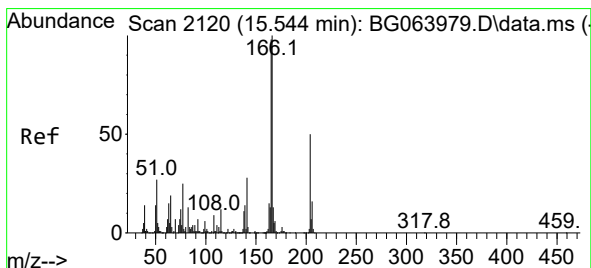
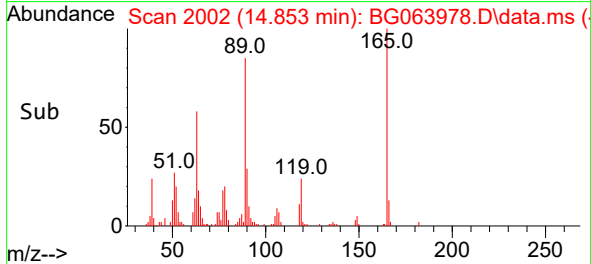
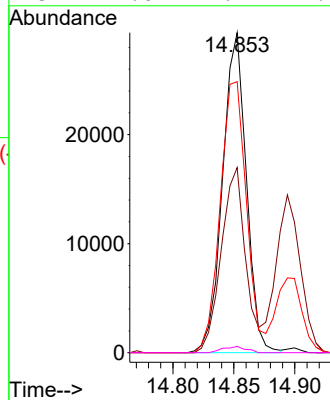
Ion Ratio Lower Upper

165 100

63 57.8 43.6 65.4

89 84.7 63.1 94.7

182 2.0 1.4 2.0



#58

Fluorene

Concen: 19.384 ng

RT: 15.546 min Scan# 2120

Delta R.T. 0.002 min

Lab File: BG063978.D

Acq: 3 Feb 2025 13:11

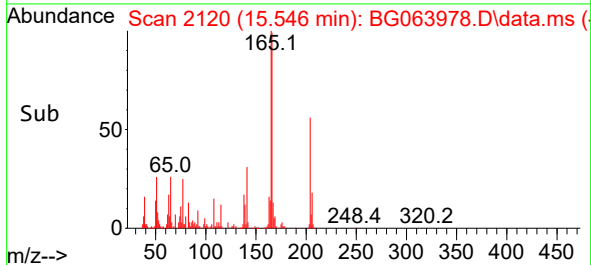
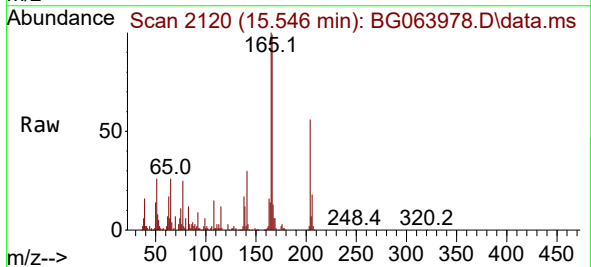
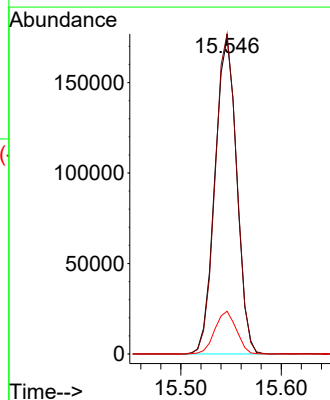
Tgt Ion:166 Resp: 263572

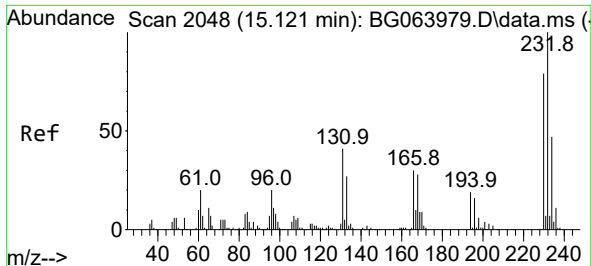
Ion Ratio Lower Upper

166 100

165 101.1 78.7 118.1

167 13.5 10.1 15.1

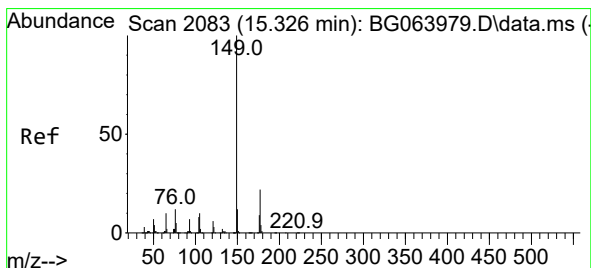
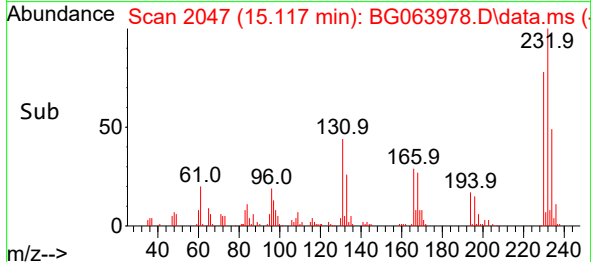
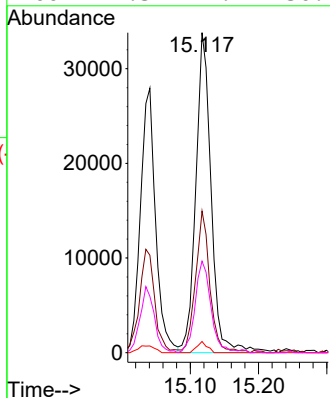
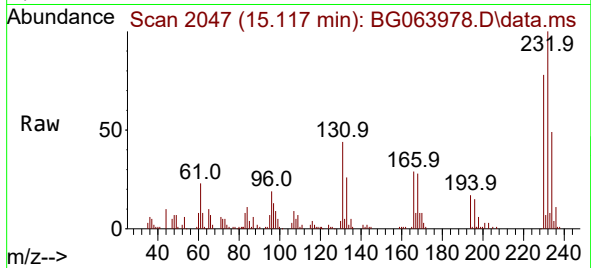




#59  
2,3,4,6-Tetrachlorophenol  
Concen: 18.929 ng  
RT: 15.117 min Scan# 2047  
Delta R.T. -0.004 min  
Lab File: BG063978.D  
Acq: 3 Feb 2025 13:11

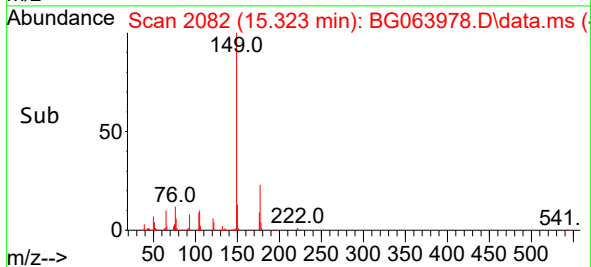
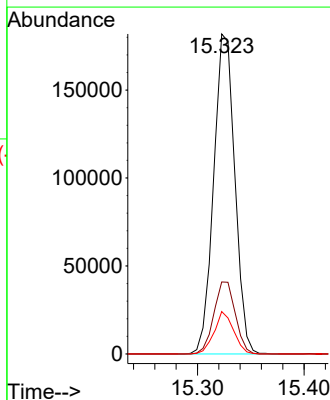
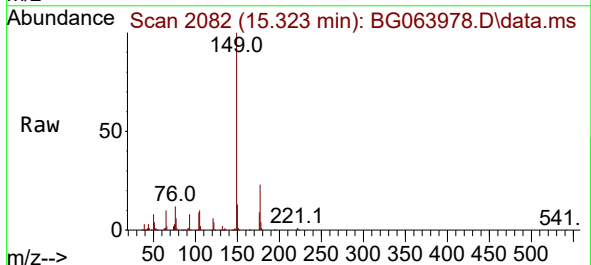
Instrument :  
BNA\_G  
ClientSampleId :  
SSTDICC020

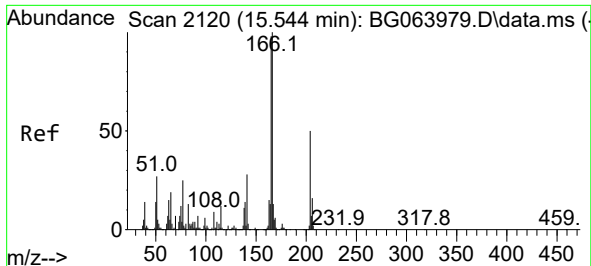
Tgt Ion:232 Resp: 53019  
Ion Ratio Lower Upper  
232 100  
131 41.3 34.0 51.0  
130 2.3 2.2 3.4  
166 29.3 24.1 36.1



#60  
Diethylphthalate  
Concen: 18.534 ng  
RT: 15.323 min Scan# 2082  
Delta R.T. -0.004 min  
Lab File: BG063978.D  
Acq: 3 Feb 2025 13:11

Tgt Ion:149 Resp: 251009  
Ion Ratio Lower Upper  
149 100  
177 22.5 18.0 27.0  
150 13.3 9.7 14.5

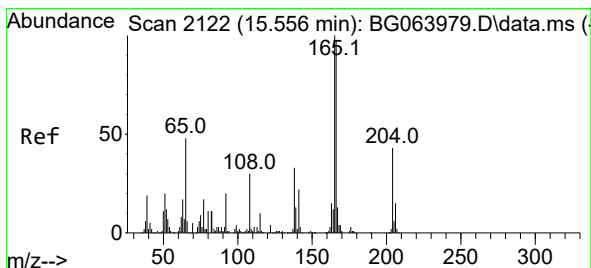
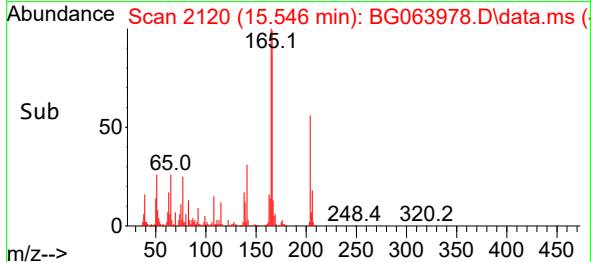
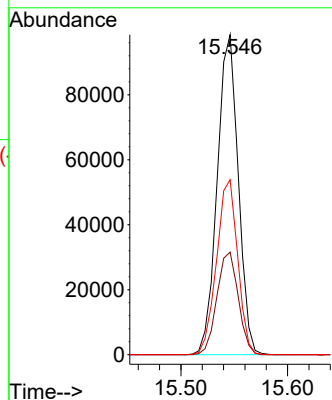
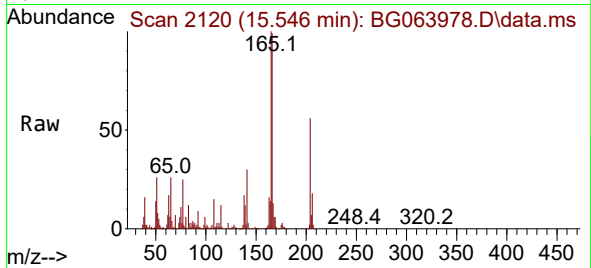




#61  
4-Chlorophenyl-phenylether  
Concen: 19.887 ng  
RT: 15.546 min Scan# 2120  
Delta R.T. 0.002 min  
Lab File: BG063978.D  
Acq: 3 Feb 2025 13:11

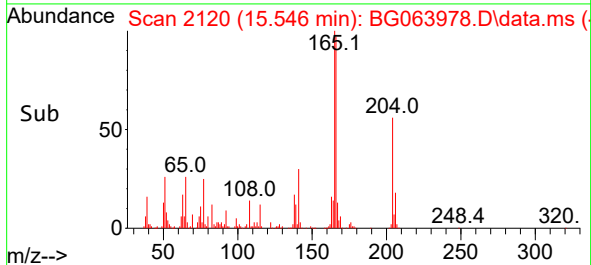
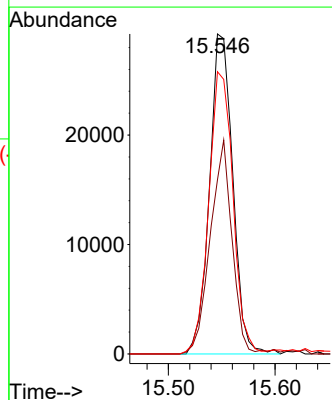
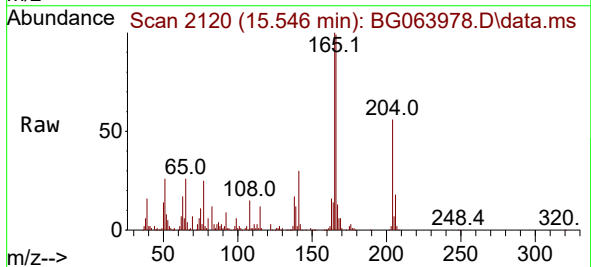
Instrument :  
BNA\_G  
ClientSampleId :  
SSTDICC020

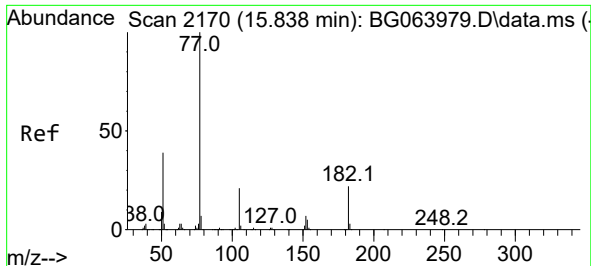
Tgt Ion:204 Resp: 134757  
Ion Ratio Lower Upper  
204 100  
206 32.0 25.8 38.6  
141 54.7 44.6 67.0



#62  
4-Nitroaniline  
Concen: 19.535 ng  
RT: 15.546 min Scan# 2120  
Delta R.T. -0.009 min  
Lab File: BG063978.D  
Acq: 3 Feb 2025 13:11

Tgt Ion:138 Resp: 44329  
Ion Ratio Lower Upper  
138 100  
92 54.4 40.3 80.3  
108 88.2 69.3 109.3

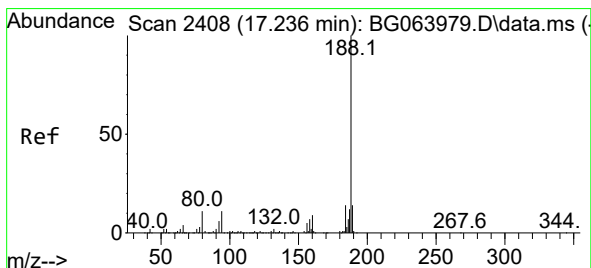
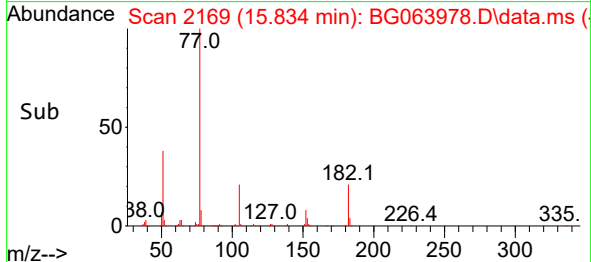
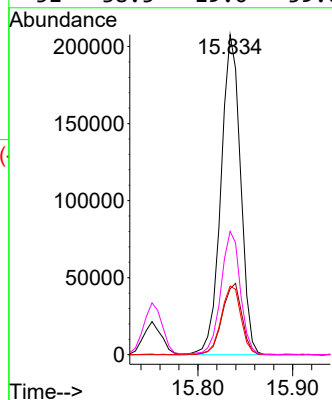
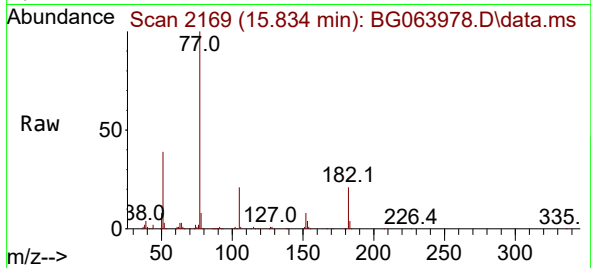




#63  
Azobenzene  
Concen: 20.205 ng  
RT: 15.834 min Scan# 2170  
Delta R.T. -0.004 min  
Lab File: BG063978.D  
Acq: 3 Feb 2025 13:11

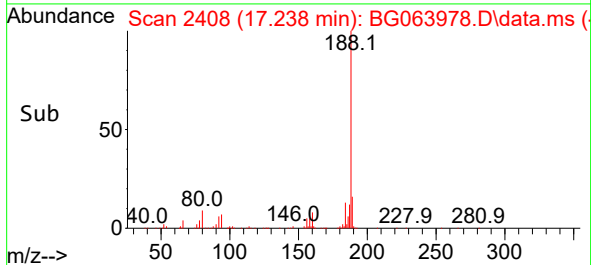
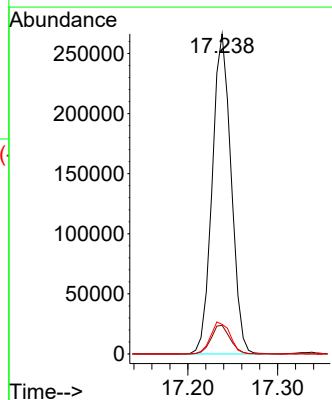
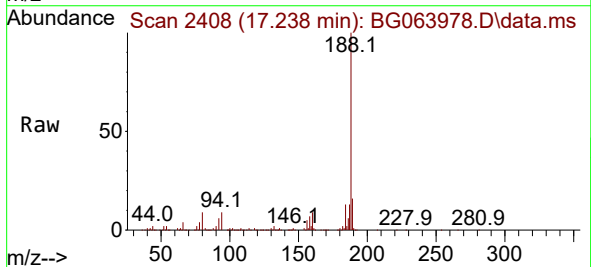
Instrument :  
BNA\_G  
ClientSampleId :  
SSTDICC020

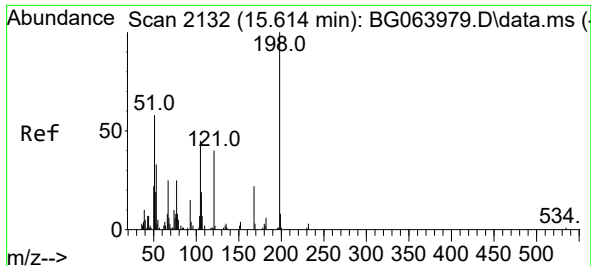
Tgt Ion: 77 Resp: 298615  
Ion Ratio Lower Upper  
77 100  
182 20.6 2.3 42.3  
105 21.5 1.0 41.0  
51 38.5 19.0 59.0



#64  
Phenanthrene-d10  
Concen: 20.000 ng  
RT: 17.238 min Scan# 2408  
Delta R.T. 0.002 min  
Lab File: BG063978.D  
Acq: 3 Feb 2025 13:11

Tgt Ion:188 Resp: 389300  
Ion Ratio Lower Upper  
188 100  
94 9.0 8.6 13.0  
80 9.3 8.5 12.7

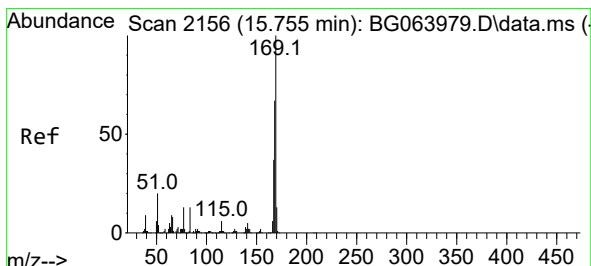
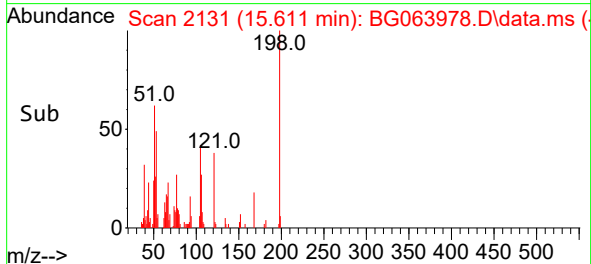
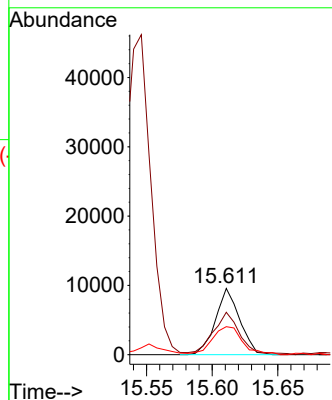
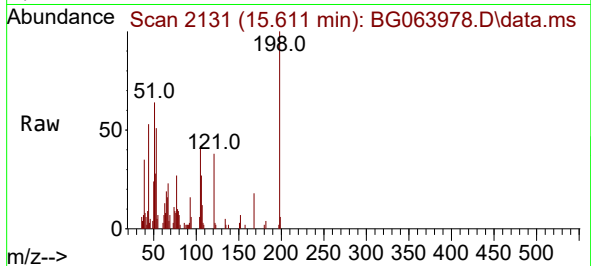




#65  
4,6-Dinitro-2-methylphenol  
Concen: 12.584 ng  
RT: 15.611 min Scan# 2132  
Delta R.T. -0.004 min  
Lab File: BG063978.D  
Acq: 3 Feb 2025 13:11

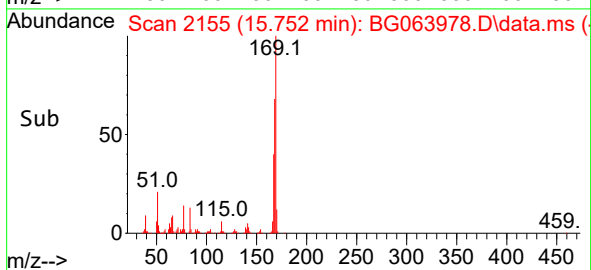
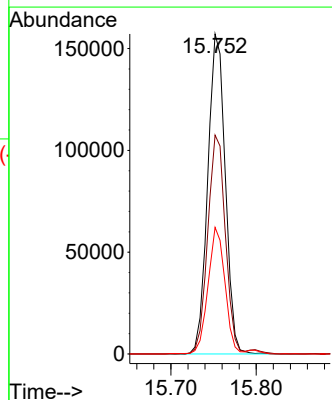
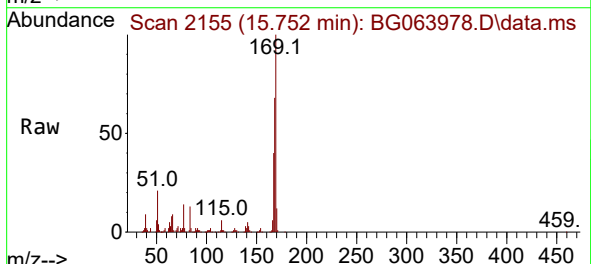
Instrument :  
BNA\_G  
ClientSampleId :  
SSTDICC020

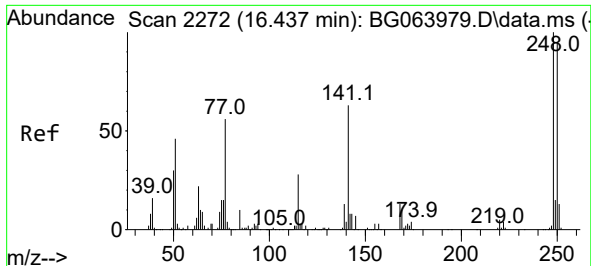
Tgt Ion:198 Resp: 12197  
Ion Ratio Lower Upper  
198 100  
51 63.8 45.4 85.4  
105 42.2 27.7 67.7



#66  
n-Nitrosodiphenylamine  
Concen: 19.599 ng  
RT: 15.752 min Scan# 2155  
Delta R.T. -0.004 min  
Lab File: BG063978.D  
Acq: 3 Feb 2025 13:11

Tgt Ion:169 Resp: 224114  
Ion Ratio Lower Upper  
169 100  
168 68.4 53.5 80.3  
167 39.6 30.0 45.0

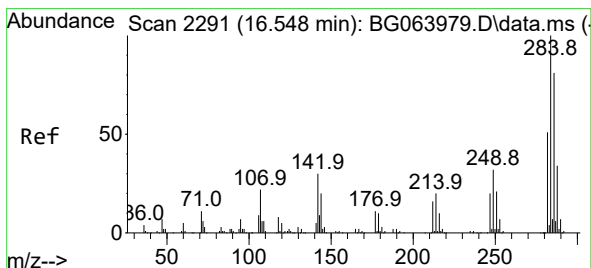
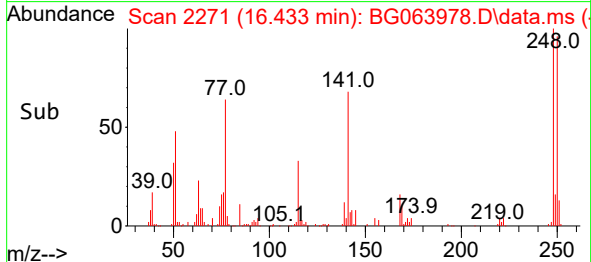
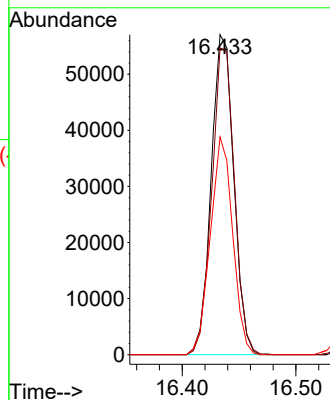
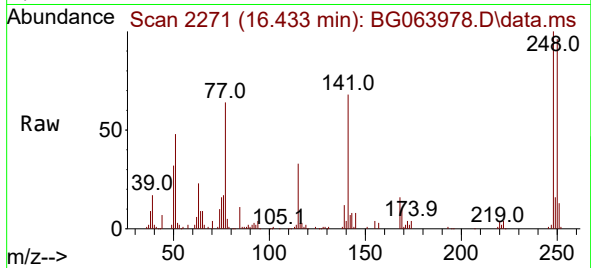




#67  
4-Bromophenyl-phenylether  
Concen: 19.050 ng  
RT: 16.433 min Scan# 21  
Delta R.T. -0.004 min  
Lab File: BG063978.D  
Acq: 3 Feb 2025 13:11

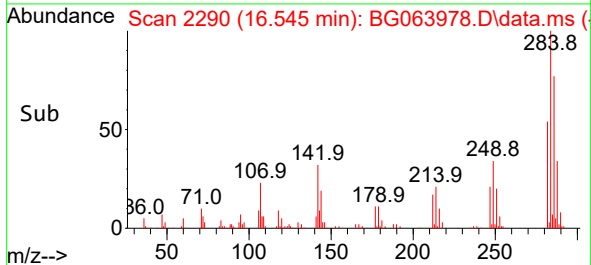
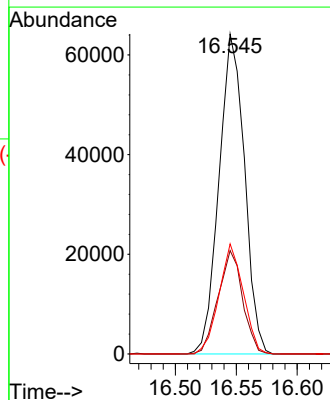
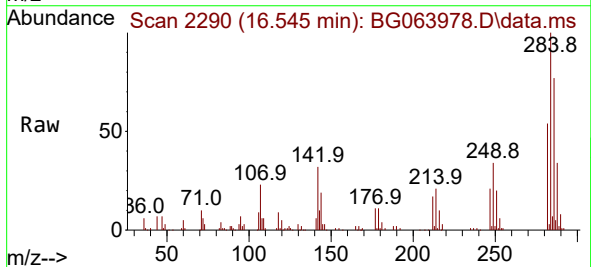
Instrument :  
BNA\_G  
ClientSampleId :  
SSTDICC020

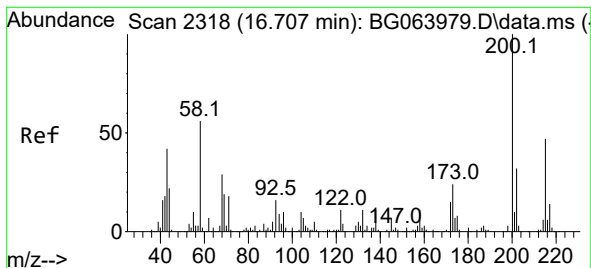
Tgt Ion:248 Resp: 78770  
Ion Ratio Lower Upper  
248 100  
250 95.9 76.2 114.4  
141 68.0 50.6 75.8



#68  
Hexachlorobenzene  
Concen: 19.210 ng  
RT: 16.545 min Scan# 2290  
Delta R.T. -0.004 min  
Lab File: BG063978.D  
Acq: 3 Feb 2025 13:11

Tgt Ion:284 Resp: 93475  
Ion Ratio Lower Upper  
284 100  
142 32.3 23.8 35.8  
249 34.4 25.9 38.9





#69

Atrazine

Concen: 51.006 ng

RT: 16.703 min Scan# 21

Delta R.T. -0.004 min

Lab File: BG063978.D

Acq: 3 Feb 2025 13:11

Instrument :

BNA\_G

ClientSampleId :

SSTDICC020

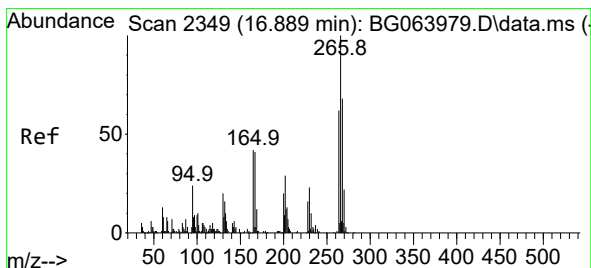
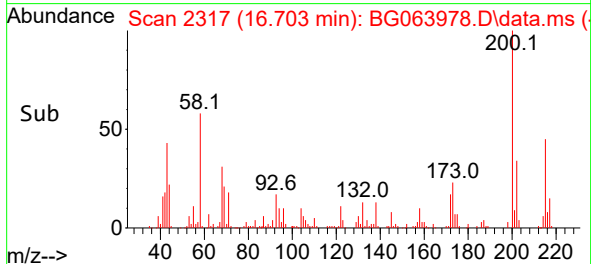
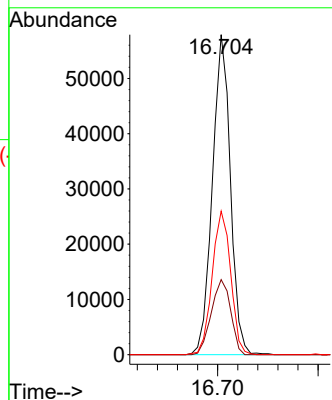
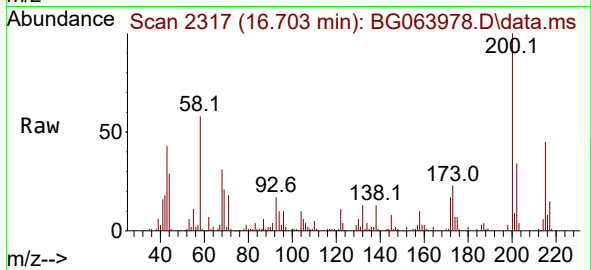
Tgt Ion:200 Resp: 72124

Ion Ratio Lower Upper

200 100

173 23.5 3.8 43.8

215 44.9 26.6 66.6



#70

Pentachlorophenol

Concen: 15.532 ng

RT: 16.886 min Scan# 2348

Delta R.T. -0.004 min

Lab File: BG063978.D

Acq: 3 Feb 2025 13:11

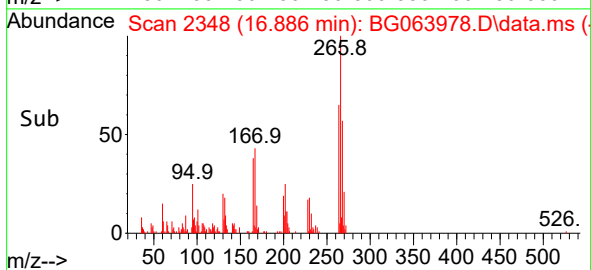
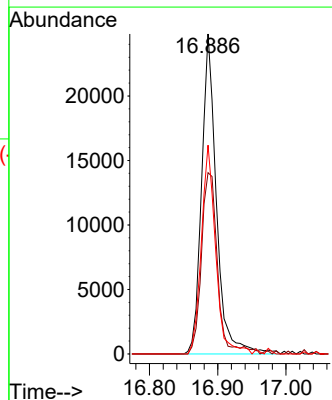
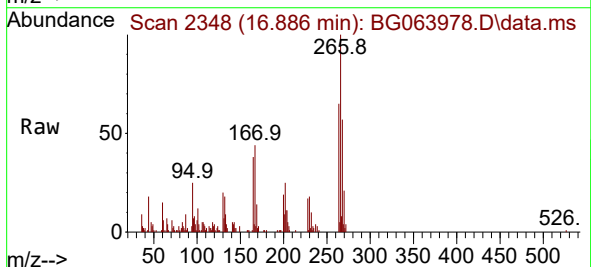
Tgt Ion:266 Resp: 37635

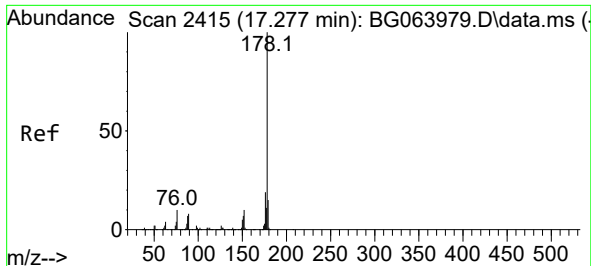
Ion Ratio Lower Upper

266 100

268 56.6 54.8 82.2

264 65.2 50.0 75.0

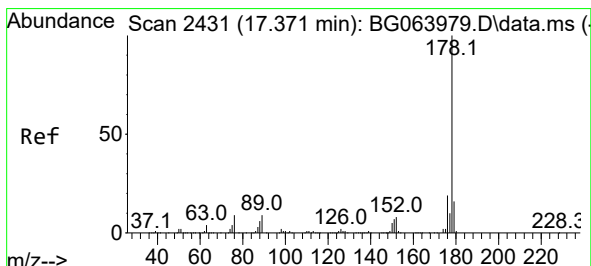
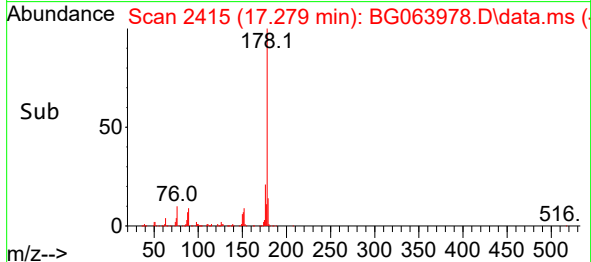
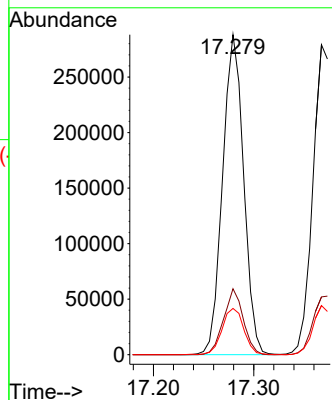
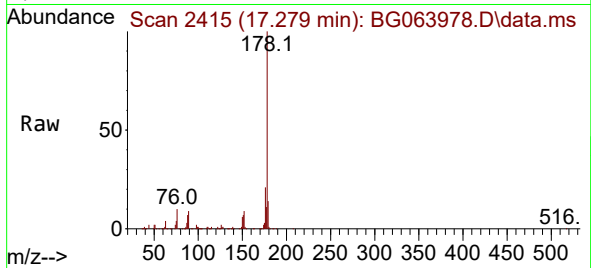




#71  
Phenanthrene  
Concen: 19.391 ng  
RT: 17.279 min Scan# 2415  
Delta R.T. 0.002 min  
Lab File: BG063978.D  
Acq: 3 Feb 2025 13:11

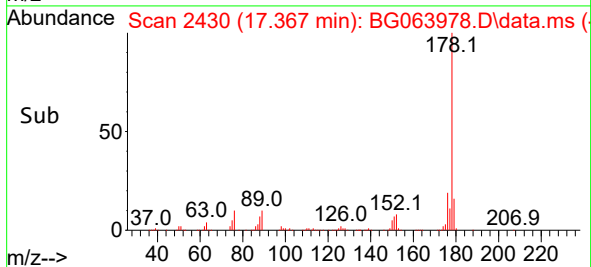
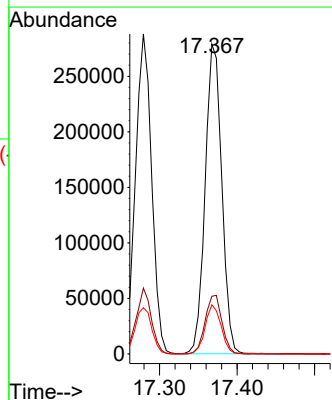
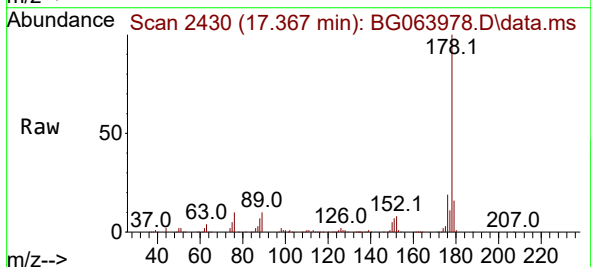
Instrument :  
BNA\_G  
ClientSampleId :  
SSTDICC020

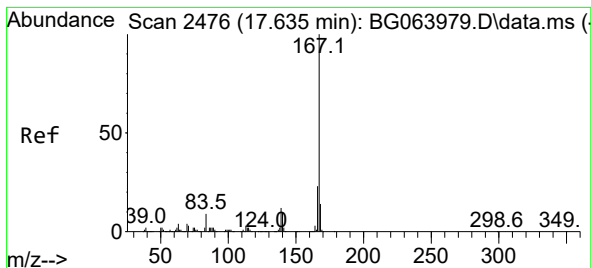
Tgt Ion:178 Resp: 419431  
Ion Ratio Lower Upper  
178 100  
176 20.6 15.5 23.3  
179 14.5 12.2 18.4



#72  
Anthracene  
Concen: 19.514 ng  
RT: 17.367 min Scan# 2430  
Delta R.T. -0.004 min  
Lab File: BG063978.D  
Acq: 3 Feb 2025 13:11

Tgt Ion:178 Resp: 414489  
Ion Ratio Lower Upper  
178 100  
176 18.6 15.0 22.4  
179 15.9 12.8 19.2





#73

Carbazole

Concen: 18.973 ng

RT: 17.638 min Scan# 2476

Delta R.T. 0.002 min

Lab File: BG063978.D

Acq: 3 Feb 2025 13:11

Instrument :

BNA\_G

ClientSampleId :

SSTDICC020

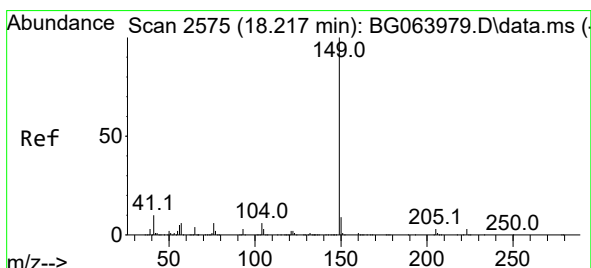
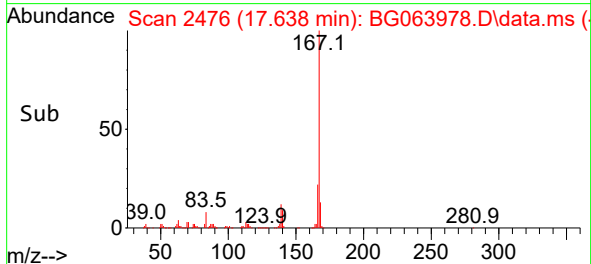
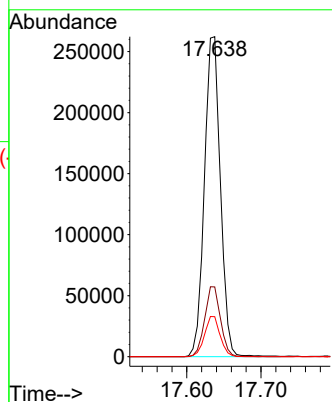
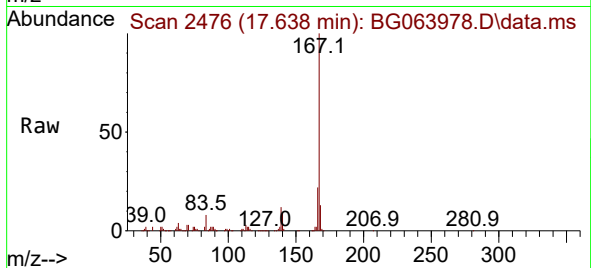
Tgt Ion:167 Resp: 392636

Ion Ratio Lower Upper

167 100

166 21.8 18.6 28.0

139 12.5 9.8 14.8



#74

Di-n-butylphthalate

Concen: 18.107 ng

RT: 18.219 min Scan# 2575

Delta R.T. 0.002 min

Lab File: BG063978.D

Acq: 3 Feb 2025 13:11

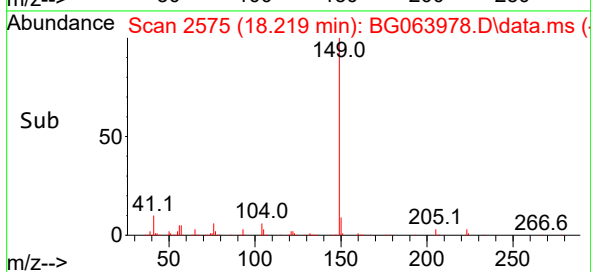
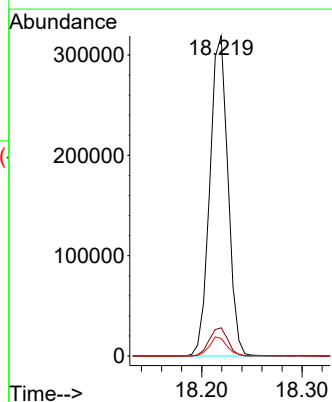
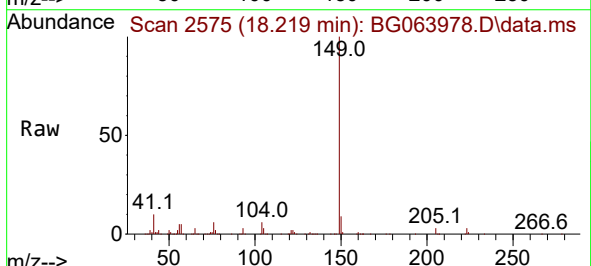
Tgt Ion:149 Resp: 399305

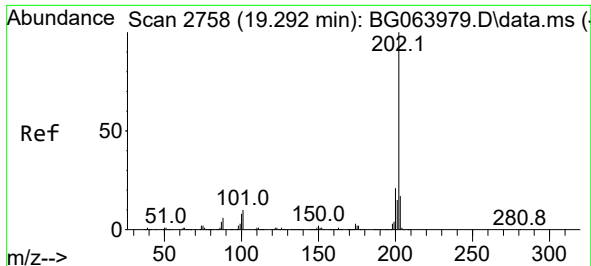
Ion Ratio Lower Upper

149 100

150 8.8 7.4 11.0

104 5.5 4.6 6.8

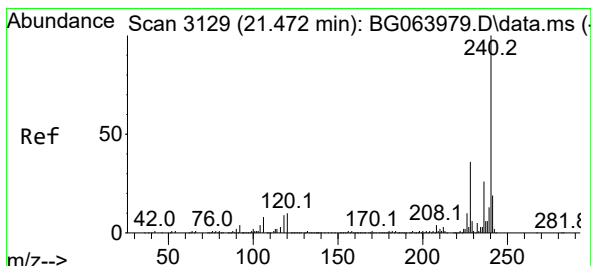
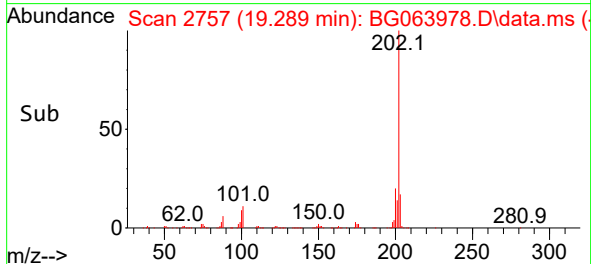
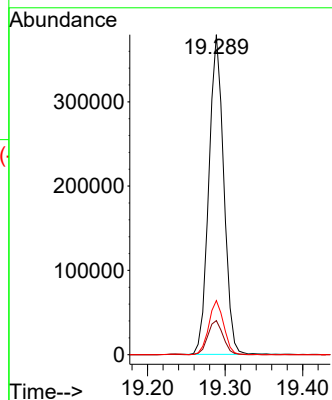
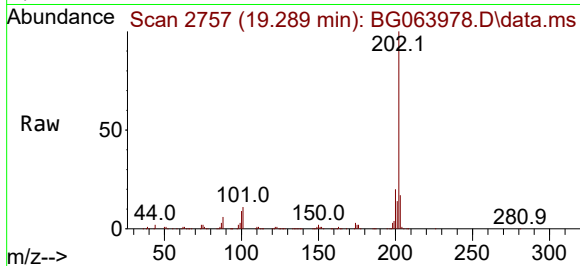




#75  
Fluoranthene  
Concen: 19.263 ng  
RT: 19.289 min Scan# 21  
Delta R.T. -0.004 min  
Lab File: BG063978.D  
Acq: 3 Feb 2025 13:11

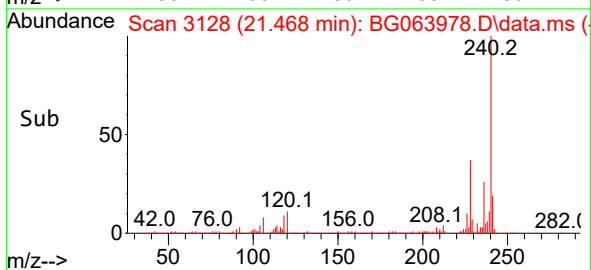
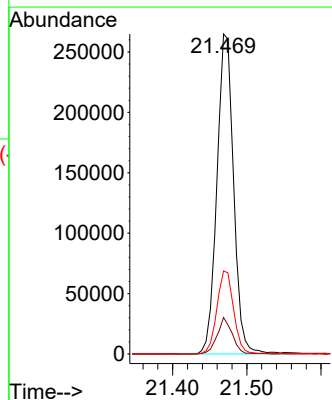
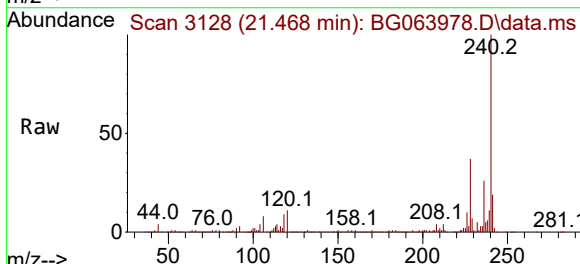
Instrument :  
BNA\_G  
ClientSampleId :  
SSTDICC020

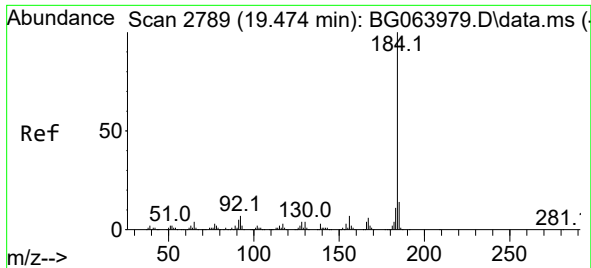
Tgt Ion:202 Resp: 506855  
Ion Ratio Lower Upper  
202 100  
101 10.7 0.0 30.4  
203 16.9 0.0 37.0



#76  
Chrysene-d12  
Concen: 20.000 ng  
RT: 21.468 min Scan# 3128  
Delta R.T. -0.004 min  
Lab File: BG063978.D  
Acq: 3 Feb 2025 13:11

Tgt Ion:240 Resp: 414344  
Ion Ratio Lower Upper  
240 100  
120 11.4 7.9 11.9  
236 26.0 21.0 31.6

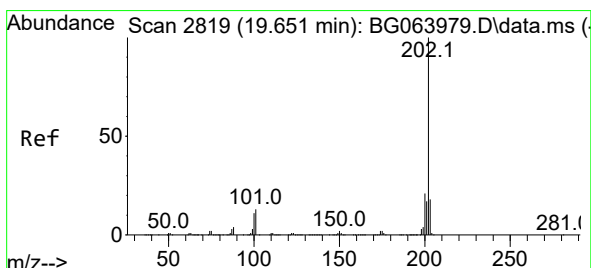
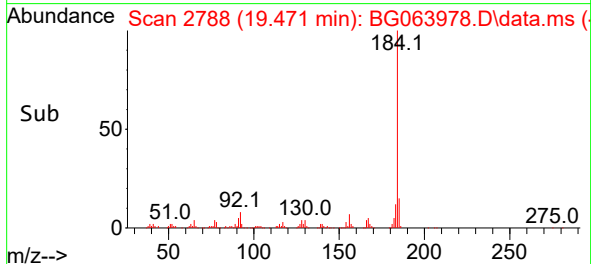
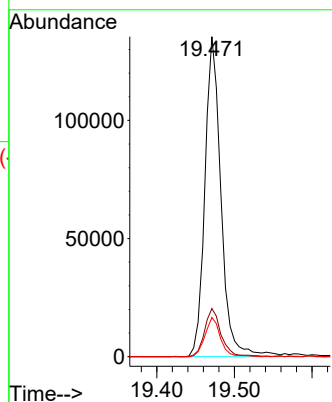
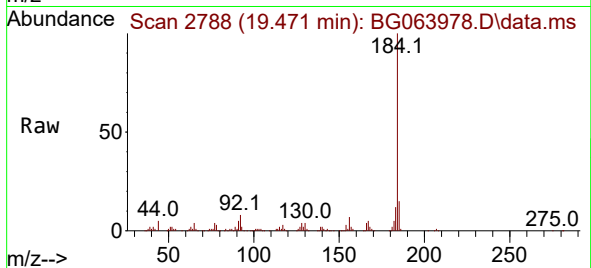




#77  
Benzidine  
Concen: 30.927 ng  
RT: 19.471 min Scan# 21  
Delta R.T. -0.004 min  
Lab File: BG063978.D  
Acq: 3 Feb 2025 13:11

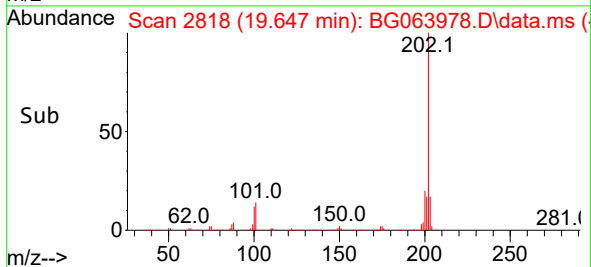
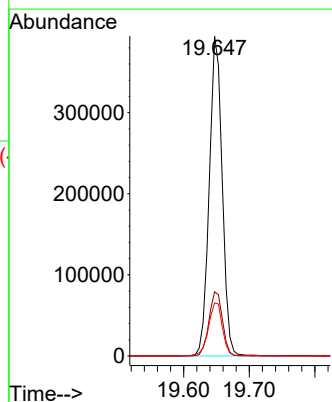
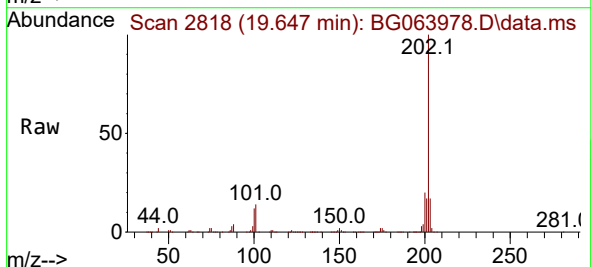
Instrument :  
BNA\_G  
ClientSampleId :  
SSTDICC020

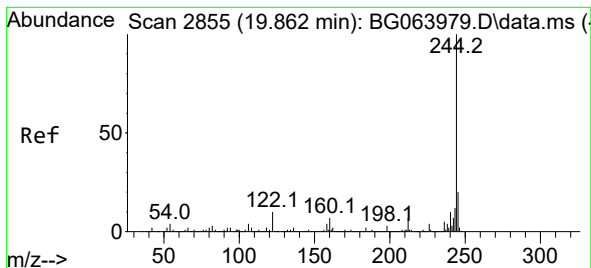
Tgt Ion:184 Resp: 196204  
Ion Ratio Lower Upper  
184 100  
185 15.1 11.2 16.8  
183 12.2 8.7 13.1



#78  
Pyrene  
Concen: 19.427 ng  
RT: 19.647 min Scan# 2818  
Delta R.T. -0.004 min  
Lab File: BG063978.D  
Acq: 3 Feb 2025 13:11

Tgt Ion:202 Resp: 543017  
Ion Ratio Lower Upper  
202 100  
200 20.1 17.0 25.4  
203 16.5 14.5 21.7





#79

Terphenyl-d14

Concen: 40.014 ng

RT: 19.859 min Scan# 2855

Delta R.T. -0.004 min

Lab File: BG063978.D

Acq: 3 Feb 2025 13:11

Instrument :

BNA\_G

ClientSampleId :

SSTDICC020

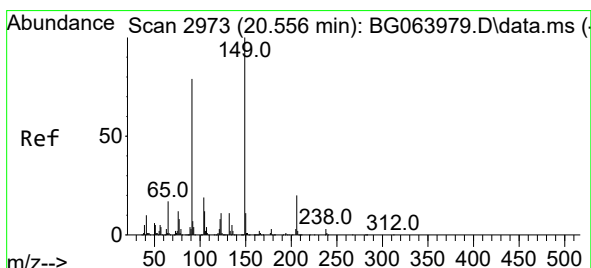
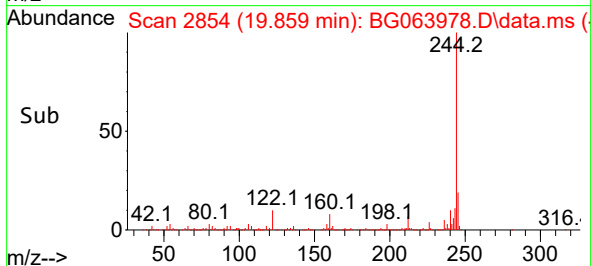
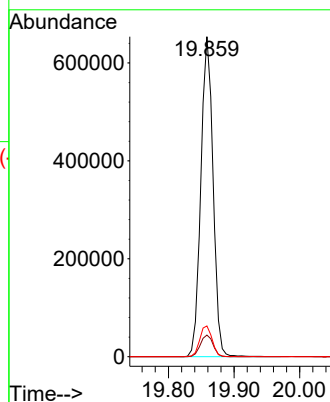
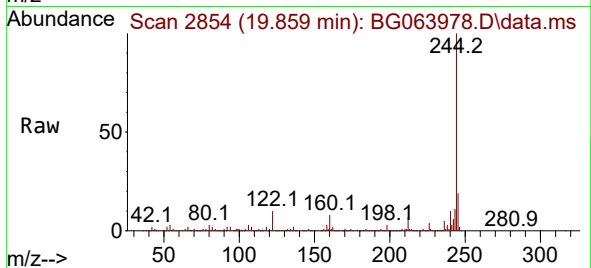
Tgt Ion:244 Resp: 847728

Ion Ratio Lower Upper

244 100

212 6.8 5.8 8.8

122 9.6 7.7 11.5



#80

Butylbenzylphthalate

Concen: 16.509 ng

RT: 20.558 min Scan# 2973

Delta R.T. 0.002 min

Lab File: BG063978.D

Acq: 3 Feb 2025 13:11

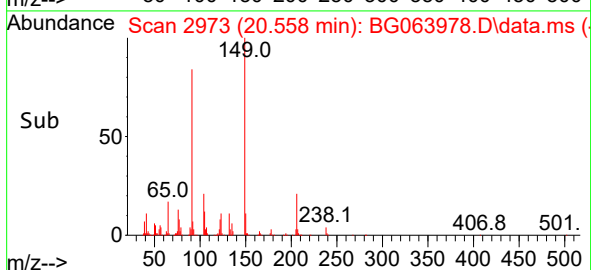
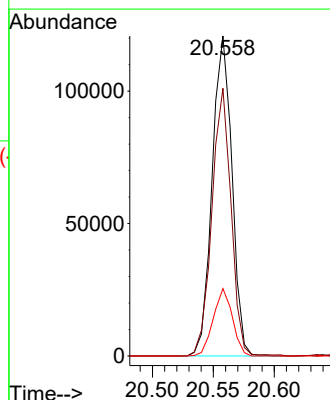
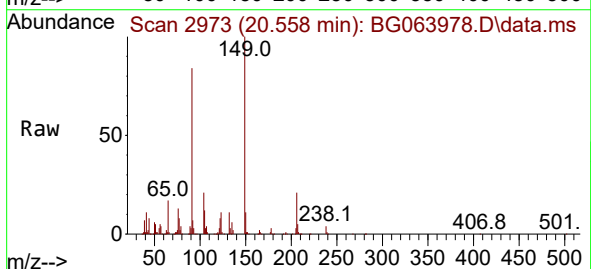
Tgt Ion:149 Resp: 136121

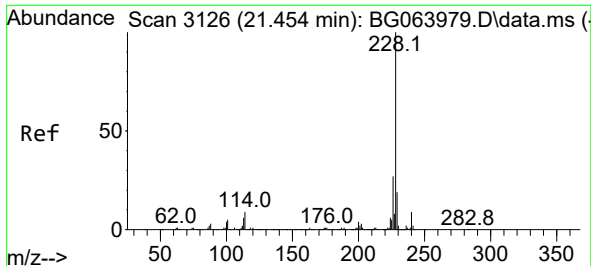
Ion Ratio Lower Upper

149 100

91 83.6 63.0 94.6

206 21.0 15.8 23.6

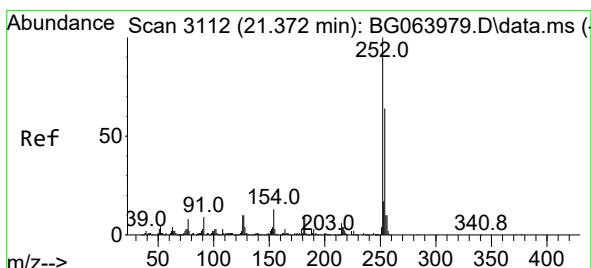
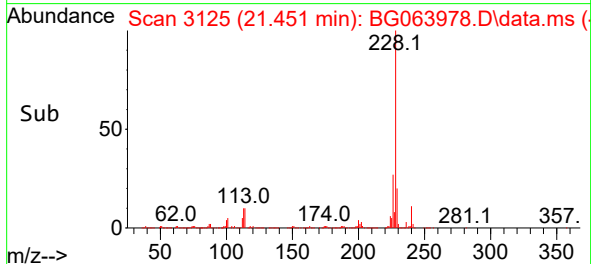
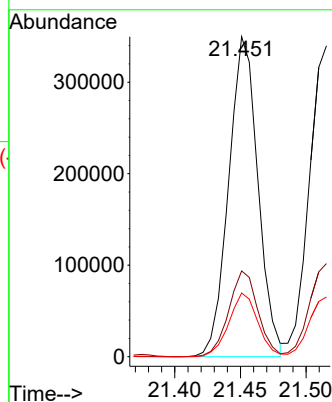
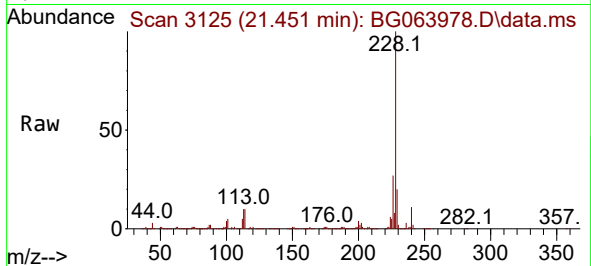




#81  
Benzo(a)anthracene  
Concen: 19.551 ng  
RT: 21.451 min Scan# 3126  
Delta R.T. -0.004 min  
Lab File: BG063978.D  
Acq: 3 Feb 2025 13:11

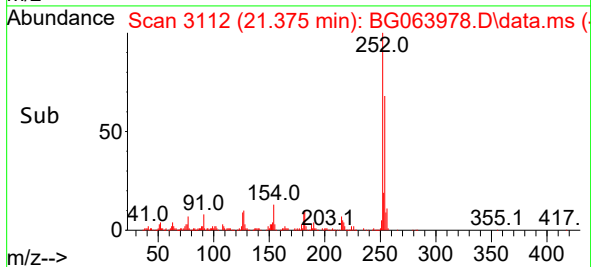
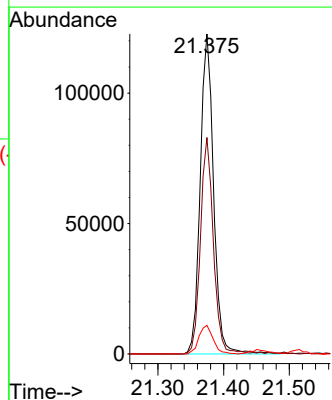
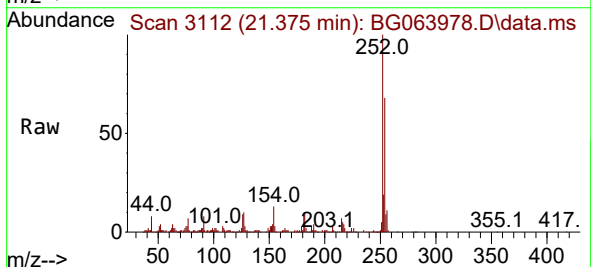
Instrument :  
BNA\_G  
ClientSampleId :  
SSTDICC020

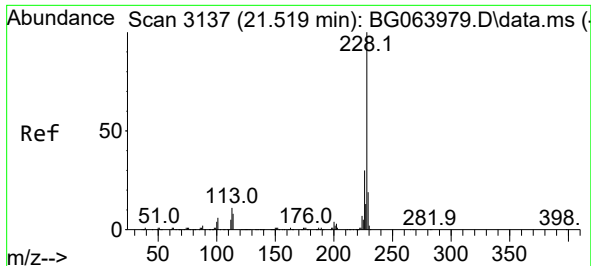
Tgt Ion:228 Resp: 543443  
Ion Ratio Lower Upper  
228 100  
226 26.8 21.8 32.6  
229 19.9 15.5 23.3



#82  
3,3'-Dichlorobenzidine  
Concen: 19.699 ng  
RT: 21.375 min Scan# 3112  
Delta R.T. 0.002 min  
Lab File: BG063978.D  
Acq: 3 Feb 2025 13:11

Tgt Ion:252 Resp: 174352  
Ion Ratio Lower Upper  
252 100  
254 67.7 50.8 76.2  
126 8.9 8.2 12.2

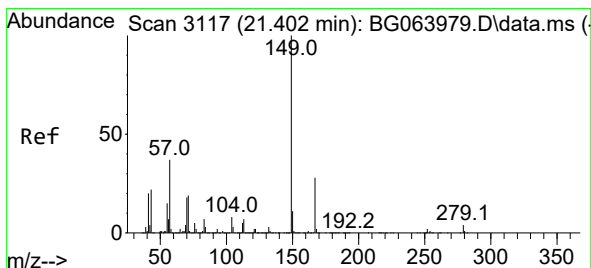
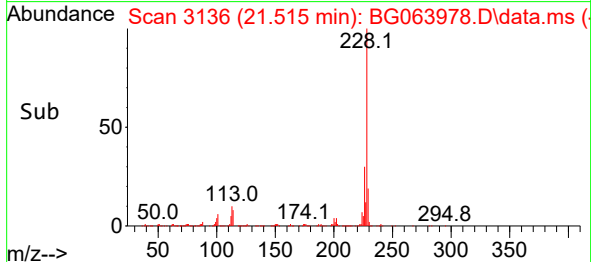
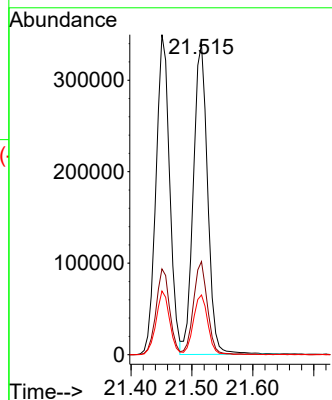
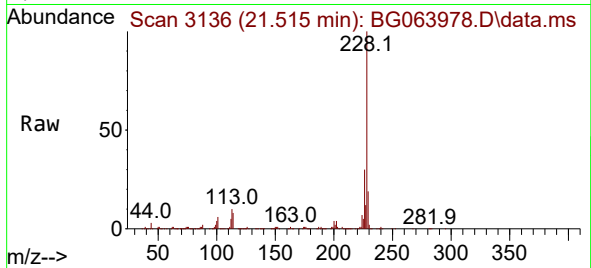




#83  
Chrysene  
Concen: 20.203 ng  
RT: 21.515 min Scan# 3137  
Delta R.T. -0.004 min  
Lab File: BG063978.D  
Acq: 3 Feb 2025 13:11

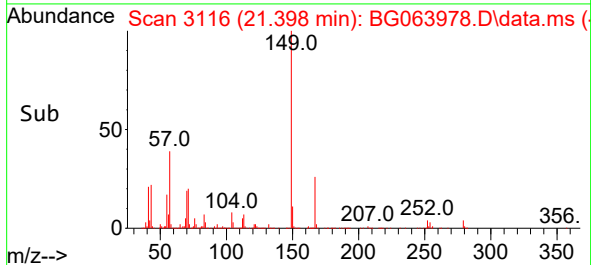
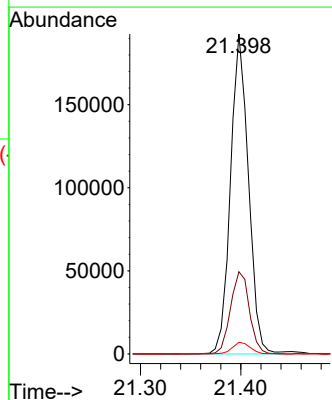
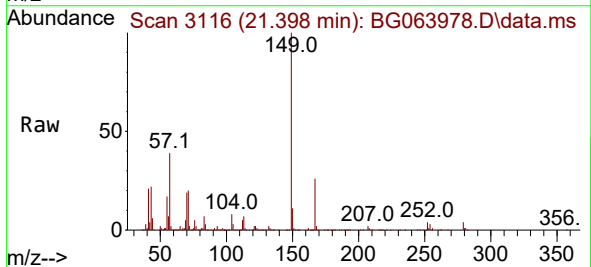
Instrument :  
BNA\_G  
ClientSampleId :  
SSTDICC020

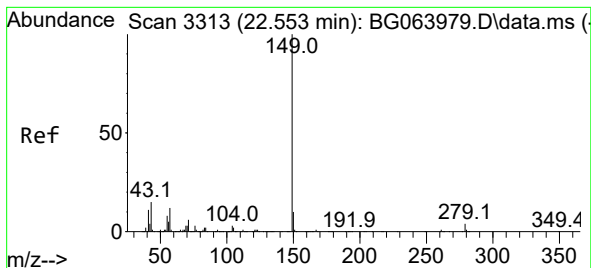
Tgt Ion:228 Resp: 551557  
Ion Ratio Lower Upper  
228 100  
226 30.0 24.2 36.2  
229 19.2 15.4 23.0



#84  
Bis(2-ethylhexyl)phthalate  
Concen: 17.396 ng  
RT: 21.398 min Scan# 3116  
Delta R.T. -0.004 min  
Lab File: BG063978.D  
Acq: 3 Feb 2025 13:11

Tgt Ion:149 Resp: 238172  
Ion Ratio Lower Upper  
149 100  
167 25.7 22.5 33.7  
279 3.6 3.0 4.4





#85

Di-n-octyl phthalate

Concen: 15.242 ng

RT: 22.555 min Scan# 31

Delta R.T. 0.002 min

Lab File: BG063978.D

Acq: 3 Feb 2025 13:11

Instrument :

BNA\_G

ClientSampleId :

SSTDICC020

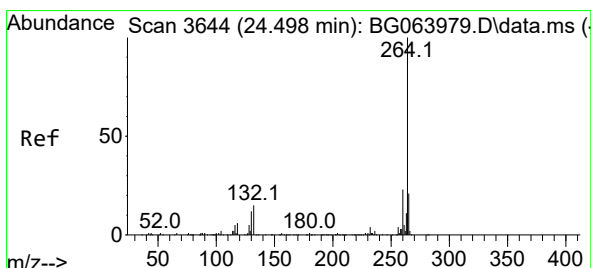
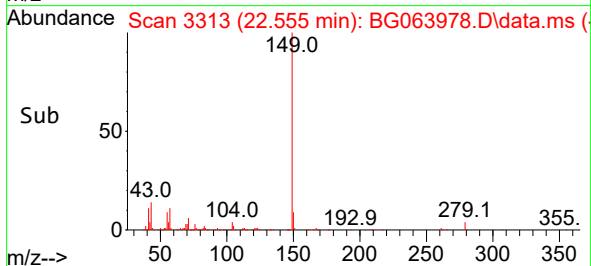
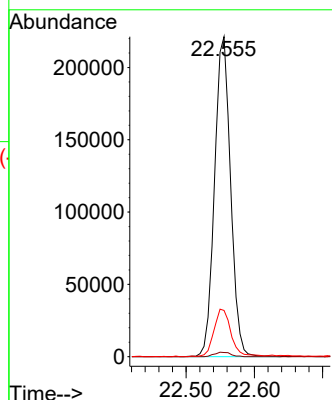
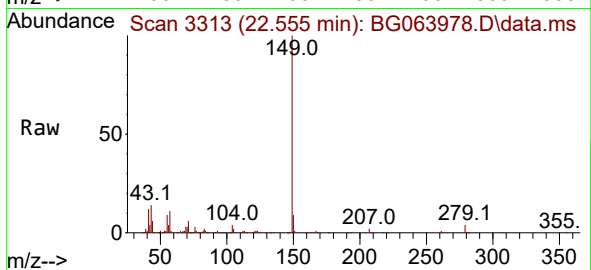
Tgt Ion:149 Resp: 361674

Ion Ratio Lower Upper

149 100

167 1.4 1.2 1.8

43 16.0 12.3 18.5



#86

Perylene-d12

Concen: 20.000 ng

RT: 24.494 min Scan# 3643

Delta R.T. -0.004 min

Lab File: BG063978.D

Acq: 3 Feb 2025 13:11

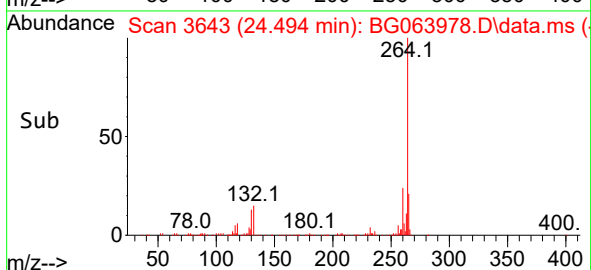
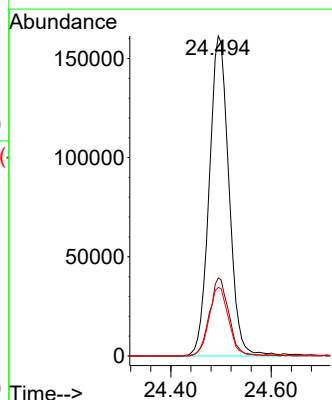
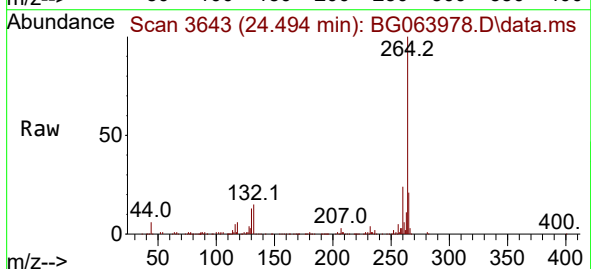
Tgt Ion:264 Resp: 439096

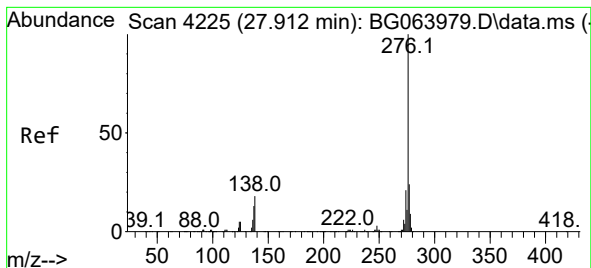
Ion Ratio Lower Upper

264 100

260 24.4 18.7 28.1

265 21.4 16.6 24.8





#87

Indeno(1,2,3-cd)pyrene

Concen: 18.877 ng

RT: 27.908 min Scan# 41

Delta R.T. -0.004 min

Lab File: BG063978.D

Acq: 3 Feb 2025 13:11

Instrument :

BNA\_G

ClientSampleId :

SSTDICC020

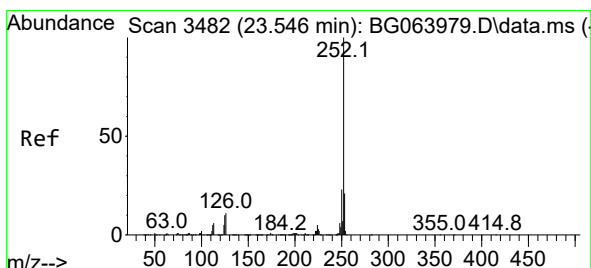
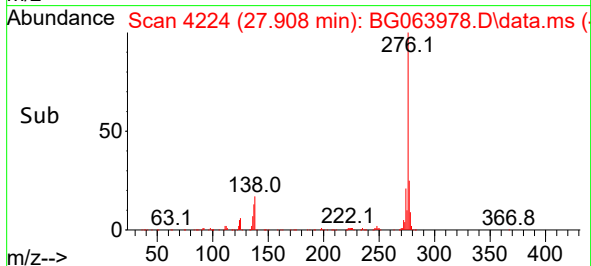
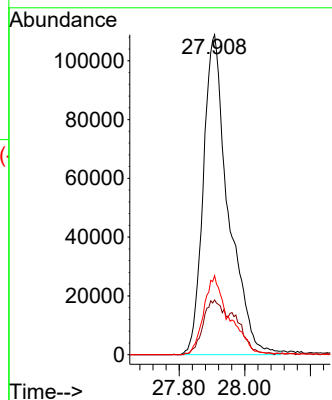
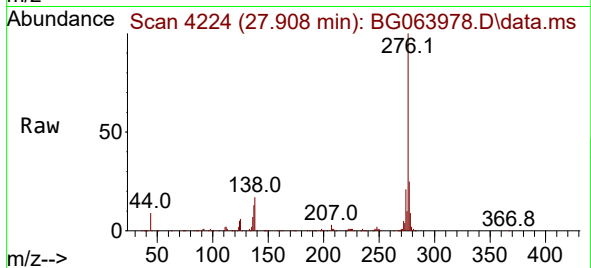
Tgt Ion:276 Resp: 579009

Ion Ratio Lower Upper

276 100

138 14.8 10.7 16.1

277 25.2 20.2 30.4



#88

Benzo(b)fluoranthene

Concen: 19.915 ng

RT: 23.543 min Scan# 3481

Delta R.T. -0.004 min

Lab File: BG063978.D

Acq: 3 Feb 2025 13:11

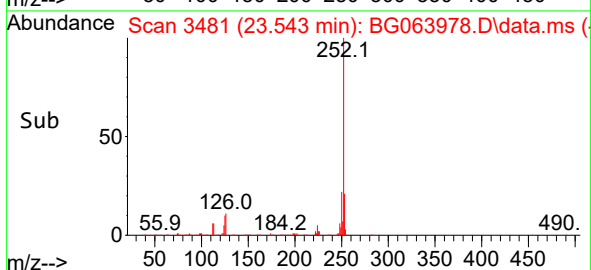
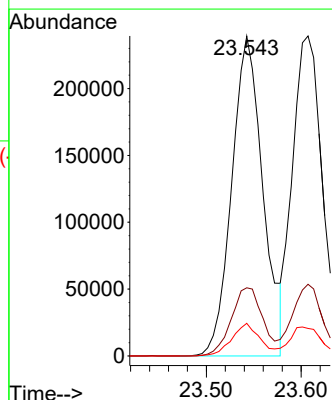
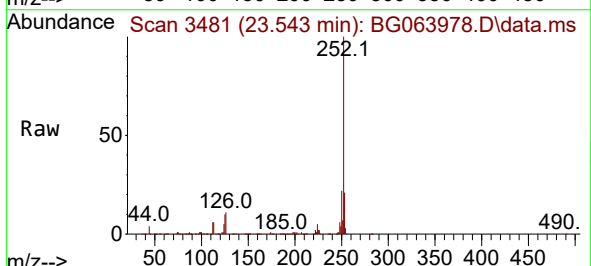
Tgt Ion:252 Resp: 545931

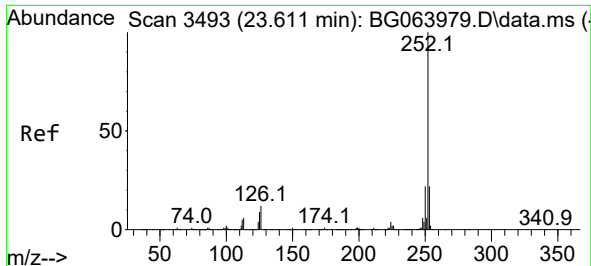
Ion Ratio Lower Upper

252 100

253 21.3 16.9 25.3

125 10.2 7.9 11.9

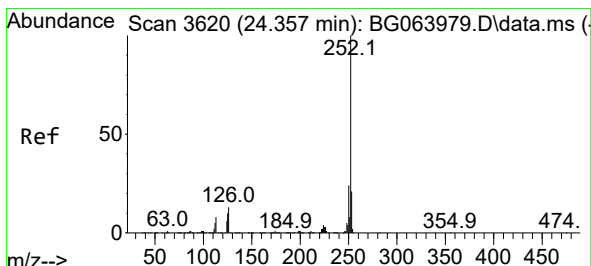
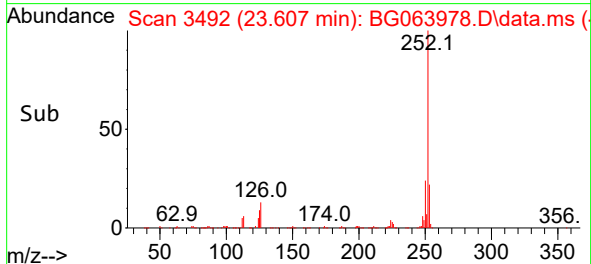
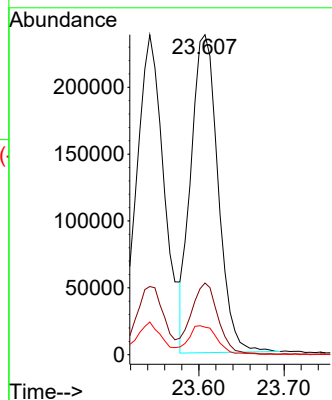
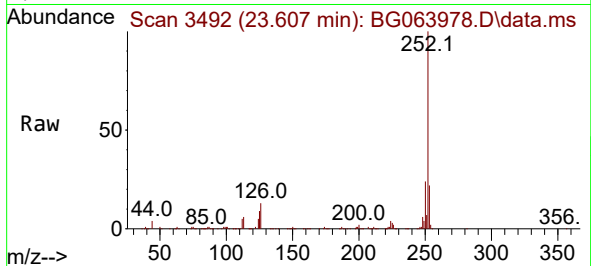




#89  
Benzo(k)fluoranthene  
Concen: 18.659 ng  
RT: 23.607 min Scan# 34  
Delta R.T. -0.004 min  
Lab File: BG063978.D  
Acq: 3 Feb 2025 13:11

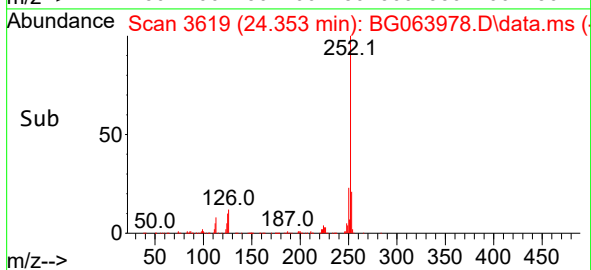
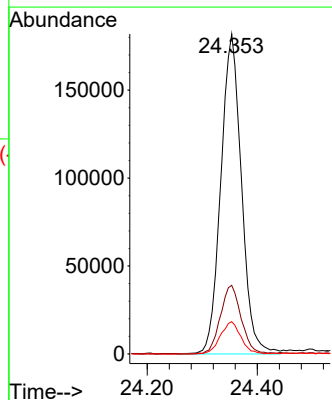
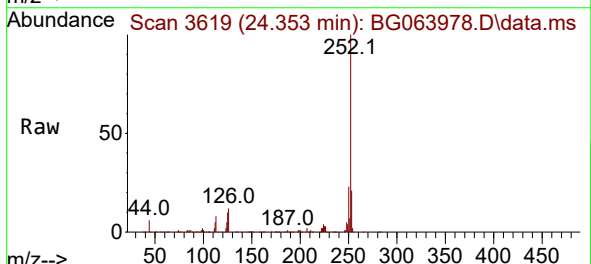
Instrument :  
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ClientSampleId :  
SSTDICC020

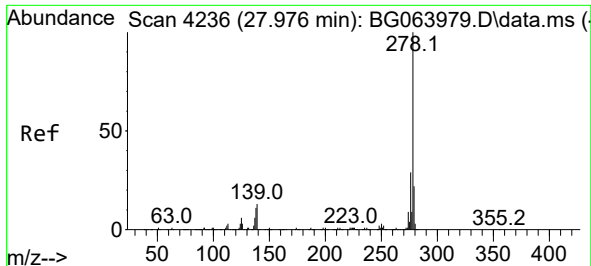
Tgt Ion:252 Resp: 523492  
Ion Ratio Lower Upper  
252 100  
253 22.4 17.7 26.5  
125 8.6 7.5 11.3



#90  
Benzo(a)pyrene  
Concen: 19.391 ng  
RT: 24.353 min Scan# 3619  
Delta R.T. -0.004 min  
Lab File: BG063978.D  
Acq: 3 Feb 2025 13:11

Tgt Ion:252 Resp: 473300  
Ion Ratio Lower Upper  
252 100  
253 21.4 17.1 25.7  
125 10.1 7.9 11.9

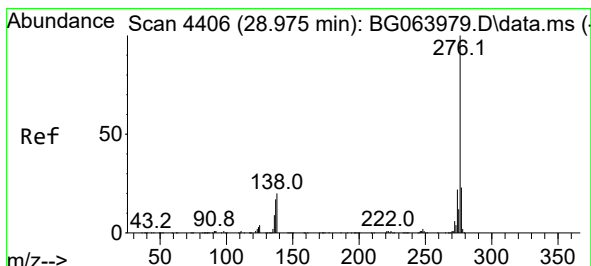
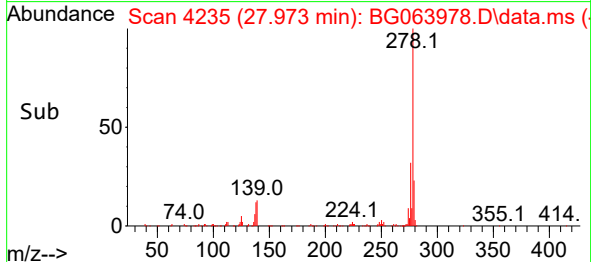
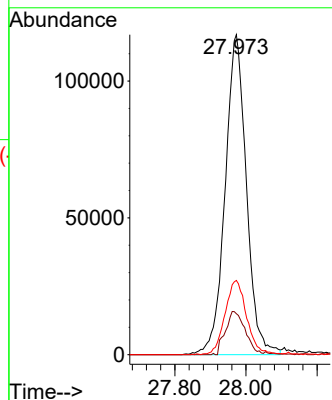
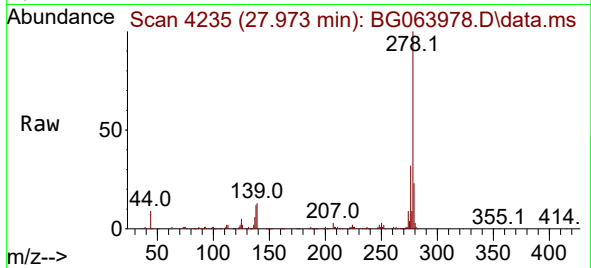




#91  
Dibenzo(a,h)anthracene  
Concen: 18.839 ng  
RT: 27.973 min Scan# 41  
Delta R.T. -0.004 min  
Lab File: BG063978.D  
Acq: 3 Feb 2025 13:11

Instrument :  
BNA\_G  
ClientSampleId :  
SSTDICC020

Tgt Ion:278 Resp: 486050  
Ion Ratio Lower Upper  
278 100  
139 12.8 10.8 16.2  
279 23.2 17.8 26.6



#92  
Benzo(g,h,i)perylene  
Concen: 19.071 ng  
RT: 28.966 min Scan# 4404  
Delta R.T. -0.009 min  
Lab File: BG063978.D  
Acq: 3 Feb 2025 13:11

Tgt Ion:276 Resp: 497129  
Ion Ratio Lower Upper  
276 100  
277 23.9 18.2 27.4  
138 19.2 15.8 23.6

