

Data Path : Z:\svoasrv\HPCHEM1\BNA\_G\Data\BG012425\  
 Data File : BG063959.D  
 Acq On : 24 Jan 2025 16:17  
 Operator : RC/JU  
 Sample : SSTDICC060  
 Misc :  
 ALS Vial : 8 Sample Multiplier: 1

Instrument :  
 BNA\_G  
 ClientSampleId :  
 SSTDICC060

Quant Time: Jan 27 15:01:30 2025  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_G\Methods\8270-BG012425.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Mon Jan 27 14:52:53 2025  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc    | Units | Dev(Min) |
|-------------------------------|--------|------|----------|---------|-------|----------|
| -----                         |        |      |          |         |       |          |
| Internal Standards            |        |      |          |         |       |          |
| 1) 1,4-Dichlorobenzene-d4     | 7.953  | 152  | 82020    | 20.000  | ng    | 0.00     |
| 21) Naphthalene-d8            | 10.744 | 136  | 353223   | 20.000  | ng    | 0.00     |
| 39) Acenaphthene-d10          | 14.575 | 164  | 222884   | 20.000  | ng    | 0.00     |
| 64) Phenanthrene-d10          | 17.313 | 188  | 495105   | 20.000  | ng    | 0.00     |
| 76) Chrysene-d12              | 21.567 | 240  | 521374   | 20.000  | ng    | 0.00     |
| 86) Perylene-d12              | 24.657 | 264  | 543114   | 20.000  | ng    | 0.00     |
| System Monitoring Compounds   |        |      |          |         |       |          |
| 5) 2-Fluorophenol             | 5.539  | 112  | 680783   | 114.527 | ng    | 0.00     |
| 7) Phenol-d6                  | 7.119  | 99   | 926420   | 115.390 | ng    | 0.00     |
| 23) Nitrobenzene-d5           | 9.111  | 82   | 780532   | 131.615 | ng    | 0.00     |
| 42) 2,4,6-Tribromophenol      | 16.062 | 330  | 290212   | 127.473 | ng    | 0.00     |
| 45) 2-Fluorobiphenyl          | 13.200 | 172  | 1807075  | 114.583 | ng    | 0.00     |
| 79) Terphenyl-d14             | 19.933 | 244  | 2845278  | 109.059 | ng    | 0.00     |
| Target Compounds              |        |      |          |         |       |          |
|                               |        |      |          |         |       | Qvalue   |
| 2) 1,4-Dioxane                | 3.476  | 88   | 150187   | 56.984  | ng    | 98       |
| 3) Pyridine                   | 3.858  | 79   | 418148m  | 57.899  | ng    |          |
| 4) n-Nitrosodimethylamine     | 3.776  | 42   | 233607   | 56.852  | ng    | 100      |
| 6) Aniline                    | 7.284  | 93   | 380346   | 57.163  | ng    | 96       |
| 8) 2-Chlorophenol             | 7.519  | 128  | 355753   | 57.002  | ng    | 95       |
| 9) Benzaldehyde               | 7.096  | 77   | 219878   | 46.451  | ng    | 96       |
| 10) Phenol                    | 7.143  | 94   | 486721   | 57.395  | ng    | 98       |
| 11) bis(2-Chloroethyl)ether   | 7.384  | 93   | 373276   | 56.248  | ng    | 96       |
| 12) 1,3-Dichlorobenzene       | 7.848  | 146  | 381596   | 56.637  | ng    | 98       |
| 13) 1,4-Dichlorobenzene       | 7.995  | 146  | 391687   | 57.360  | ng    | 98       |
| 14) 1,2-Dichlorobenzene       | 8.312  | 146  | 375979   | 56.662  | ng    | 97       |
| 15) Benzyl Alcohol            | 8.188  | 79   | 347206   | 58.271  | ng    | 99       |
| 16) 2,2'-oxybis(1-Chloropr... | 8.488  | 45   | 711625   | 58.020  | ng    | 100      |
| 17) 2-Methylphenol            | 8.388  | 107  | 321978   | 58.317  | ng    | 96       |
| 18) Hexachloroethane          | 9.040  | 117  | 138807   | 58.286  | ng    | 97       |
| 19) n-Nitroso-di-n-propyla... | 8.764  | 70   | 308492   | 57.007  | ng    | 98       |
| 20) 3+4-Methylphenols         | 8.717  | 107  | 441215   | 58.610  | ng    | 98       |
| 22) Acetophenone              | 8.770  | 105  | 585858   | 57.570  | ng    | # 96     |
| 24) Nitrobenzene              | 9.152  | 77   | 436360   | 65.196  | ng    | 99       |
| 25) Isophorone                | 9.675  | 82   | 837688   | 58.306  | ng    | 99       |
| 26) 2-Nitrophenol             | 9.857  | 139  | 125089   | 60.843  | ng    | 91       |
| 27) 2,4-Dimethylphenol        | 9.916  | 122  | 248030   | 59.566  | ng    | 98       |
| 28) bis(2-Chloroethoxy)met... | 10.157 | 93   | 520139   | 59.183  | ng    | 98       |
| 29) 2,4-Dichlorophenol        | 10.392 | 162  | 317291   | 60.444  | ng    | 97       |
| 30) 1,2,4-Trichlorobenzene    | 10.609 | 180  | 375123   | 58.057  | ng    | 98       |
| 31) Naphthalene               | 10.797 | 128  | 1184197  | 58.386  | ng    | 98       |
| 32) Benzoic acid              | 10.080 | 122  | 249034m  | 71.058  | ng    |          |
| 33) 4-Chloroaniline           | 10.897 | 127  | 425625   | 59.241  | ng    | 95       |
| 34) Hexachlorobutadiene       | 11.085 | 225  | 250340   | 59.504  | ng    | 97       |
| 35) Caprolactam               | 11.678 | 113  | 121336m  | 59.611  | ng    |          |
| 36) 4-Chloro-3-methylphenol   | 12.019 | 107  | 404125   | 59.930  | ng    | 98       |
| 37) 2-Methylnaphthalene       | 12.401 | 142  | 785392   | 57.587  | ng    | 94       |
| 38) 1-Methylnaphthalene       | 12.619 | 142  | 793805   | 58.141  | ng    | 98       |
| 40) 1,2,4,5-Tetrachloroben... | 12.765 | 216  | 412720   | 59.516  | ng    | 98       |
| 41) Hexachlorocyclopentadiene | 12.754 | 237  | 97240    | 68.348  | ng    | 96       |
| 43) 2,4,6-Trichlorophenol     | 13.000 | 196  | 266693   | 63.156  | ng    | 98       |

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 Sample : SSTDICC060  
 Misc :  
 ALS Vial : 8 Sample Multiplier: 1

Instrument :  
 BNA\_G  
 ClientSampleId :  
 SSTDICC060

Quant Time: Jan 27 15:01:30 2025  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_G\Methods\8270-BG012425.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Mon Jan 27 14:52:53 2025  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc   | Units | Dev(Min) |
|-------------------------------|--------|------|----------|--------|-------|----------|
| 44) 2,4,5-Trichlorophenol     | 13.071 | 196  | 301090   | 61.860 | ng    | 96       |
| 46) 1,1'-Biphenyl             | 13.412 | 154  | 1055845  | 58.464 | ng    | 97       |
| 47) 2-Chloronaphthalene       | 13.447 | 162  | 819656   | 59.060 | ng    | 99       |
| 48) 2-Nitroaniline            | 13.647 | 65   | 247701   | 60.082 | ng    | 95       |
| 49) Acenaphthylene            | 14.293 | 152  | 1166646  | 58.313 | ng    | 100      |
| 50) Dimethylphthalate         | 14.035 | 163  | 989256   | 58.652 | ng    | 99       |
| 51) 2,6-Dinitrotoluene        | 14.146 | 165  | 193256   | 60.956 | ng    | 98       |
| 52) Acenaphthene              | 14.640 | 154  | 811153   | 58.874 | ng    | 99       |
| 53) 3-Nitroaniline            | 14.469 | 138  | 203145   | 61.291 | ng    | 91       |
| 54) 2,4-Dinitrophenol         | 14.675 | 184  | 50974    | 61.611 | ng    | 91       |
| 55) Dibenzofuran              | 14.975 | 168  | 1217623  | 57.805 | ng    | 99       |
| 56) 4-Nitrophenol             | 14.769 | 139  | 170754   | 59.662 | ng    | 94       |
| 57) 2,4-Dinitrotoluene        | 14.928 | 165  | 248566   | 61.550 | ng    | # 94     |
| 58) Fluorene                  | 15.621 | 166  | 966608   | 56.517 | ng    | 98       |
| 59) 2,3,4,6-Tetrachlorophenol | 15.192 | 232  | 266159   | 65.085 | ng    | 100      |
| 60) Diethylphthalate          | 15.404 | 149  | 1051489  | 58.313 | ng    | 97       |
| 61) 4-Chlorophenyl-phenyle... | 15.615 | 204  | 474430   | 56.509 | ng    | 99       |
| 62) 4-Nitroaniline            | 15.633 | 138  | 213372   | 60.347 | ng    | 95       |
| 63) Azobenzene                | 15.909 | 77   | 1122627  | 57.887 | ng    | 98       |
| 65) 4,6-Dinitro-2-methylph... | 15.691 | 198  | 81796    | 59.654 | ng    | 97       |
| 66) n-Nitrosodiphenylamine    | 15.832 | 169  | 846384   | 57.672 | ng    | 98       |
| 67) 4-Bromophenyl-phenylether | 16.508 | 248  | 303652   | 59.098 | ng    | 94       |
| 68) Hexachlorobenzene         | 16.626 | 284  | 354677   | 58.310 | ng    | 97       |
| 69) Atrazine                  | 16.773 | 200  | 105563   | 49.775 | ng    | 99       |
| 70) Pentachlorophenol         | 16.961 | 266  | 227886   | 63.972 | ng    | 94       |
| 71) Phenanthrene              | 17.360 | 178  | 1555043  | 56.531 | ng    | 99       |
| 72) Anthracene                | 17.448 | 178  | 1560125  | 57.823 | ng    | 99       |
| 73) Carbazole                 | 17.713 | 167  | 1512688  | 56.490 | ng    | 98       |
| 74) Di-n-butylphthalate       | 18.294 | 149  | 1807066  | 57.345 | ng    | 99       |
| 75) Fluoranthene              | 19.364 | 202  | 1917141  | 55.703 | ng    | 98       |
| 77) Benzidine                 | 19.546 | 184  | 473222   | 51.968 | ng    | 98       |
| 78) Pyrene                    | 19.728 | 202  | 1988127  | 56.992 | ng    | 99       |
| 80) Butylbenzylphthalate      | 20.627 | 149  | 797609   | 61.963 | ng    | 96       |
| 81) Benzo(a)anthracene        | 21.543 | 228  | 2068856  | 57.868 | ng    | 98       |
| 82) 3,3'-Dichlorobenzidine    | 21.461 | 252  | 679998   | 58.932 | ng    | 97       |
| 83) Chrysene                  | 21.608 | 228  | 1986671  | 57.518 | ng    | 99       |
| 84) Bis(2-ethylhexyl)phtha... | 21.485 | 149  | 1234730  | 59.854 | ng    | 97       |
| 85) Di-n-octyl phthalate      | 22.666 | 149  | 2093395  | 61.767 | ng    | 100      |
| 87) Indeno(1,2,3-cd)pyrene    | 28.165 | 276  | 2279578  | 60.035 | ng    | 98       |
| 88) Benzo(b)fluoranthene      | 23.682 | 252  | 2084571  | 59.532 | ng    | 99       |
| 89) Benzo(k)fluoranthene      | 23.753 | 252  | 2016570  | 57.955 | ng    | 99       |
| 90) Benzo(a)pyrene            | 24.510 | 252  | 1816575  | 59.119 | ng    | 98       |
| 91) Dibenzo(a,h)anthracene    | 28.236 | 278  | 1902006  | 60.109 | ng    | 98       |
| 92) Benzo(g,h,i)perylene      | 29.264 | 276  | 1905468  | 60.036 | ng    | 97       |

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

BNA G

**ClientSampleId :**

SSTDICC060

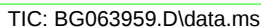
Quant Time: Jan 27 15:01:30 2025

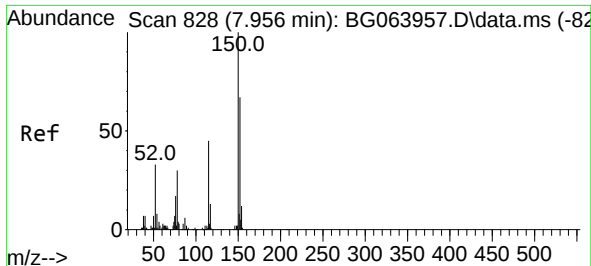
Quant Method : Z:\svoasrv\HPCHEM1\BNA\_G\Methods\8270-BG012425.M

Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

QLast Update : Mon Jan 27 14:52:53 2025

Response via : Initial Calibration

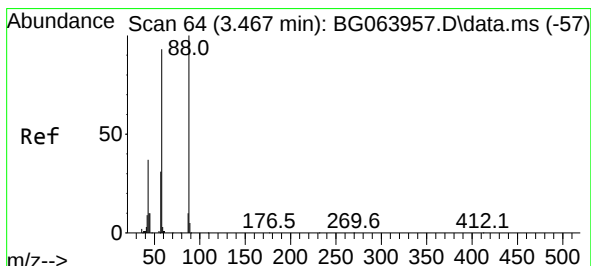
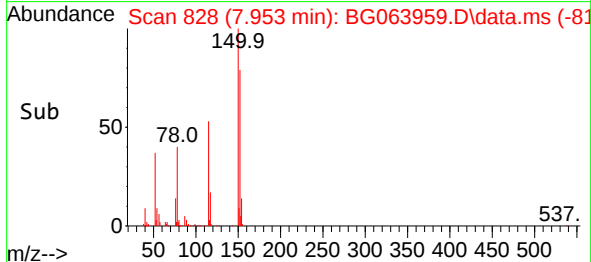
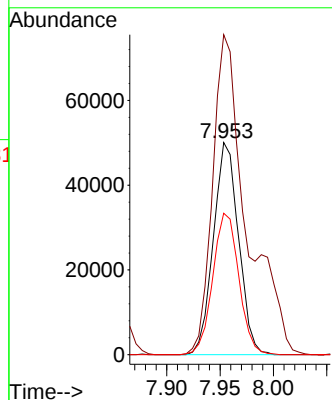
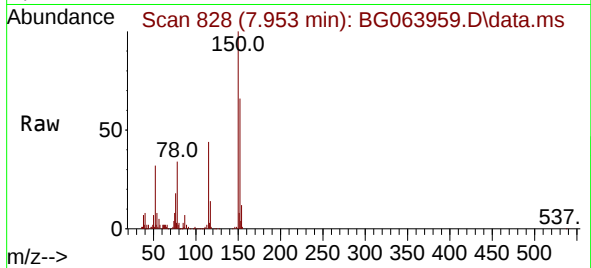




#1  
 1,4-Dichlorobenzene-d4  
 Concen: 20.000 ng  
 RT: 7.953 min Scan# 81  
 Delta R.T. -0.005 min  
 Lab File: BG063959.D  
 Acq: 24 Jan 2025 16:17

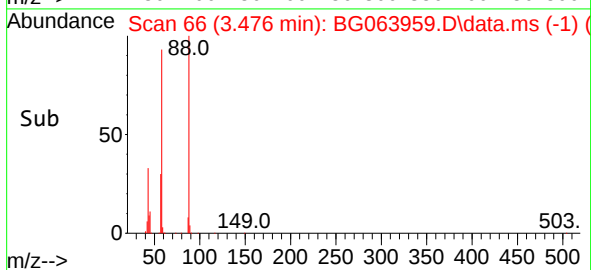
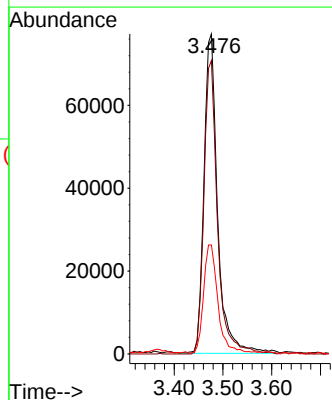
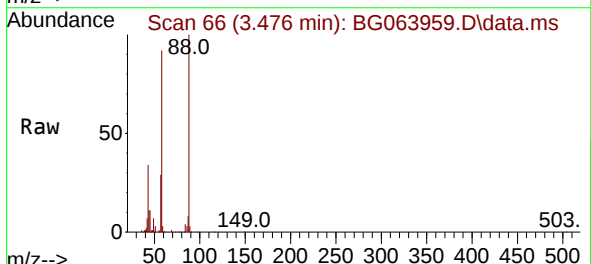
Instrument :  
 BNA\_G  
 ClientSampleId :  
 SSTDICC060

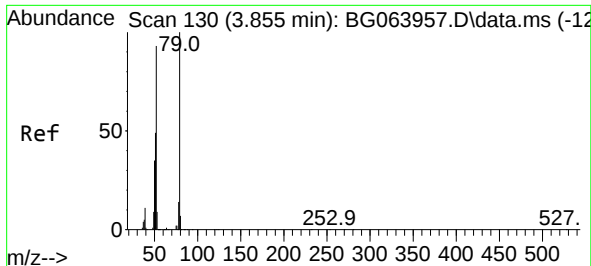
Tgt Ion:152 Resp: 82020  
 Ion Ratio Lower Upper  
 152 100  
 150 150.8 119.4 179.0  
 115 66.7 53.4 80.0



#2  
 1,4-Dioxane  
 Concen: 56.984 ng  
 RT: 3.476 min Scan# 66  
 Delta R.T. -0.005 min  
 Lab File: BG063959.D  
 Acq: 24 Jan 2025 16:17

Tgt Ion: 88 Resp: 150187  
 Ion Ratio Lower Upper  
 88 100  
 58 91.1 74.2 111.2  
 43 35.8 27.2 40.8

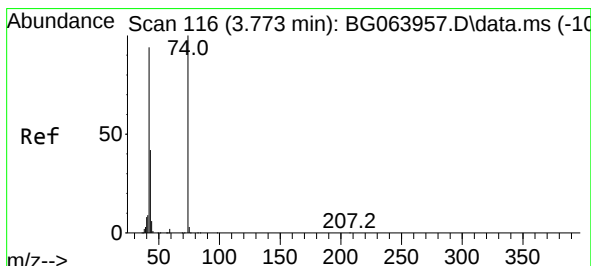
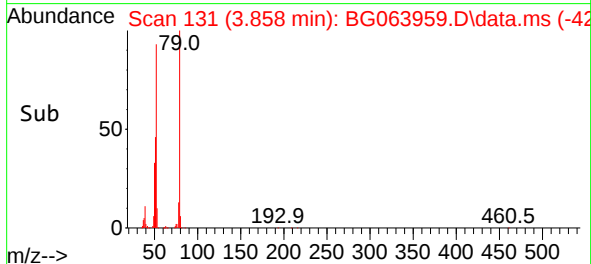
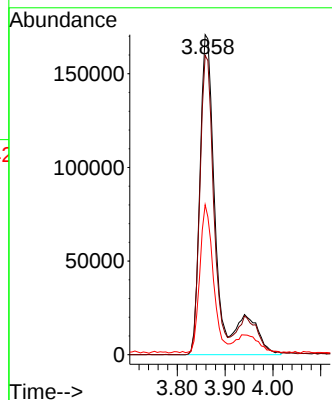
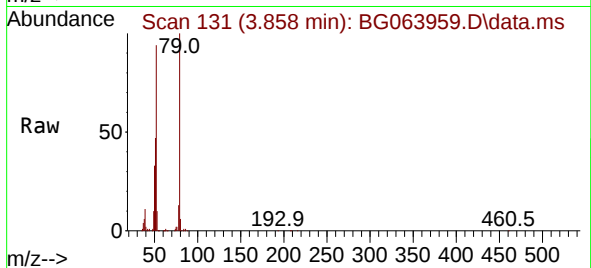




#3  
Pyridine  
Concen: 57.899 ng m  
RT: 3.858 min Scan# 11  
Delta R.T. -0.005 min  
Lab File: BG063959.D  
Acq: 24 Jan 2025 16:17

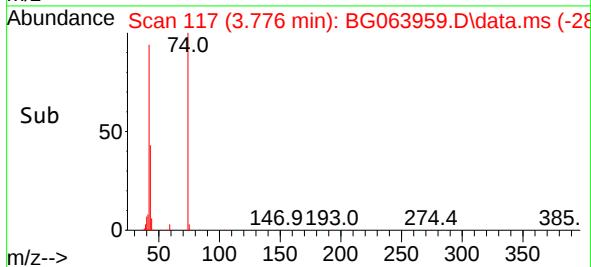
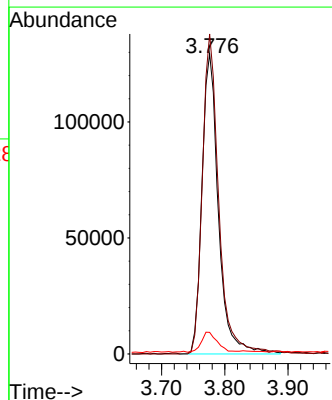
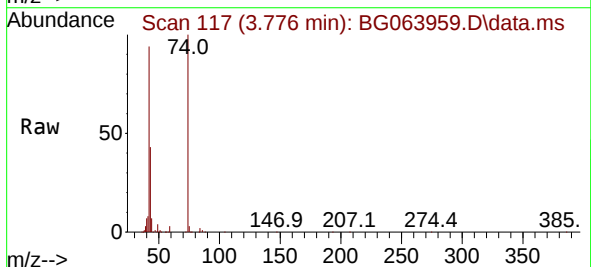
Instrument :  
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ClientSampleId :  
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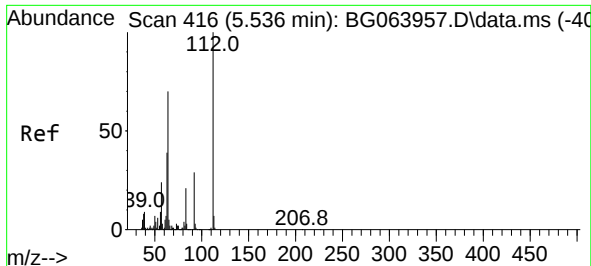
Tgt Ion: 79 Resp: 418148  
Ion Ratio Lower Upper  
79 100  
52 93.5 74.6 112.0  
51 46.8 39.8 59.6



#4  
n-Nitrosodimethylamine  
Concen: 56.852 ng  
RT: 3.776 min Scan# 117  
Delta R.T. -0.005 min  
Lab File: BG063959.D  
Acq: 24 Jan 2025 16:17

Tgt Ion: 42 Resp: 233607  
Ion Ratio Lower Upper  
42 100  
74 106.6 85.2 127.8  
44 7.2 6.1 9.1

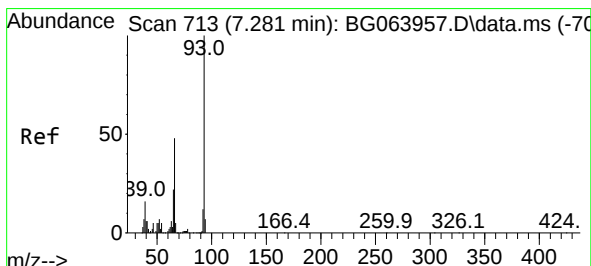
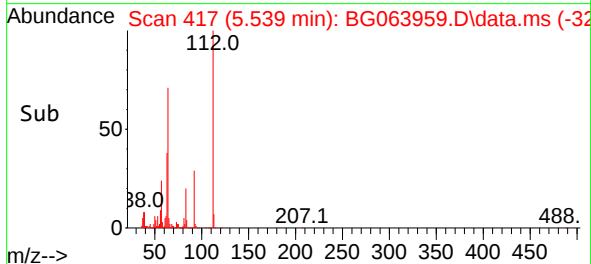
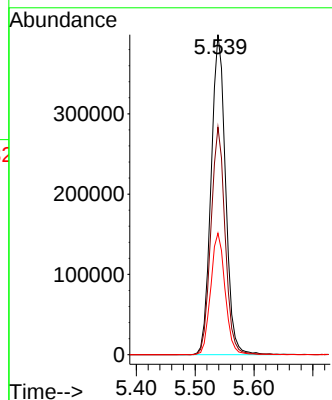
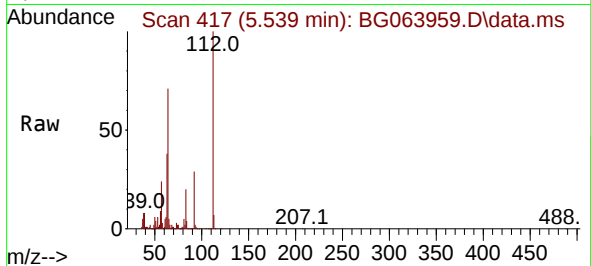




#5  
2-Fluorophenol  
Concen: 114.527 ng  
RT: 5.539 min Scan# 416  
Delta R.T. -0.004 min  
Lab File: BG063959.D  
Acq: 24 Jan 2025 16:17

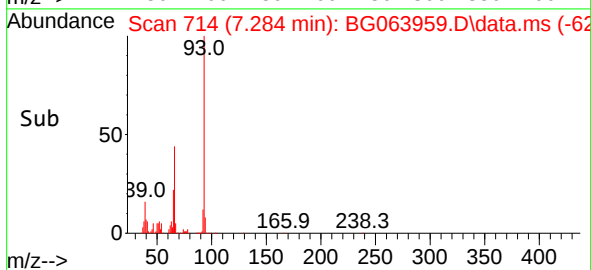
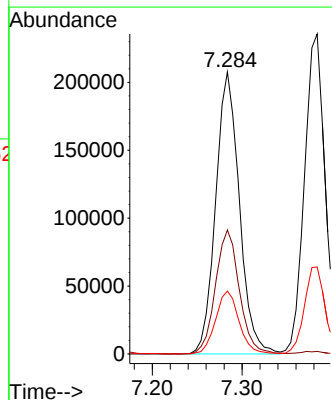
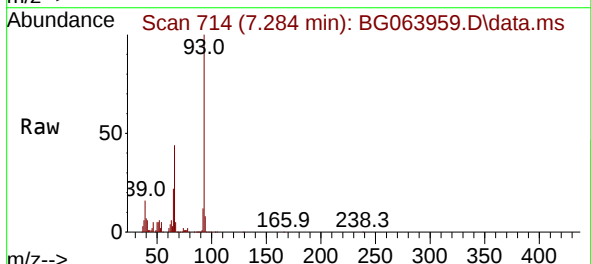
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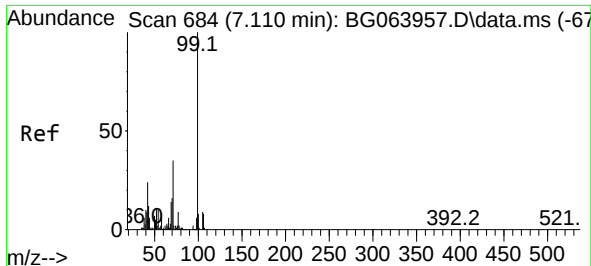
Tgt Ion:112 Resp: 680783  
Ion Ratio Lower Upper  
112 100  
64 71.1 56.2 84.4  
63 38.0 31.5 47.3



#6  
Aniline  
Concen: 57.163 ng  
RT: 7.284 min Scan# 714  
Delta R.T. -0.004 min  
Lab File: BG063959.D  
Acq: 24 Jan 2025 16:17

Tgt Ion: 93 Resp: 380346  
Ion Ratio Lower Upper  
93 100  
66 44.0 38.2 57.4  
65 22.3 17.4 26.0

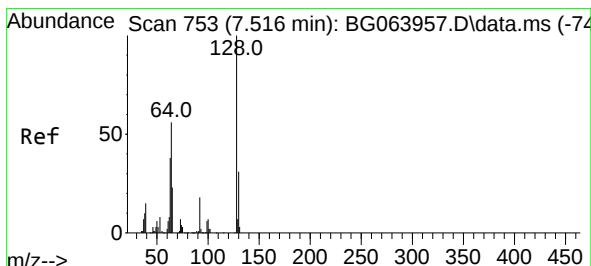
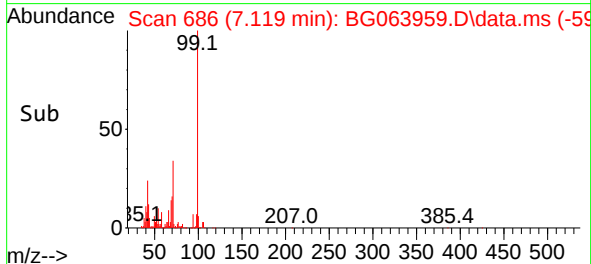
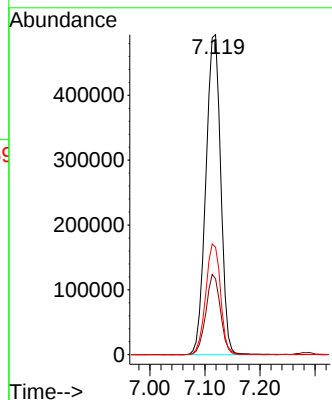
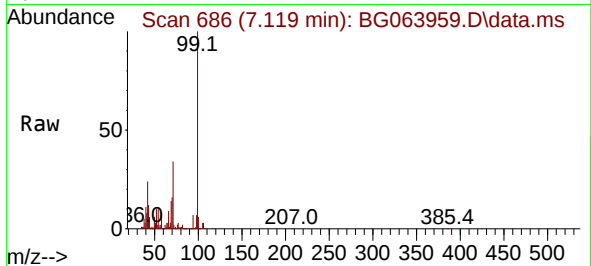




#7  
Phenol-d6  
Concen: 115.390 ng  
RT: 7.119 min Scan# 686  
Delta R.T. 0.001 min  
Lab File: BG063959.D  
Acq: 24 Jan 2025 16:17

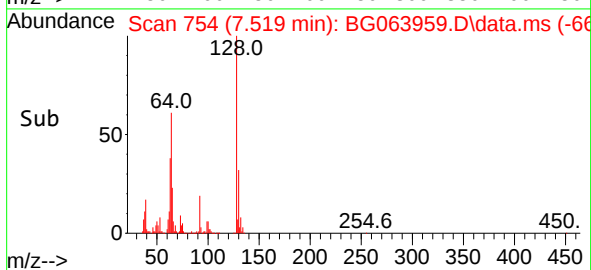
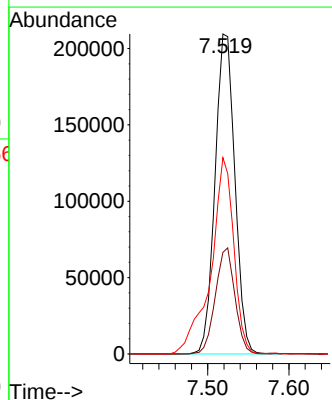
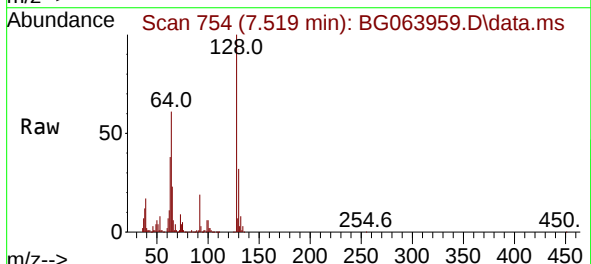
Instrument :  
BNA\_G  
ClientSampleId :  
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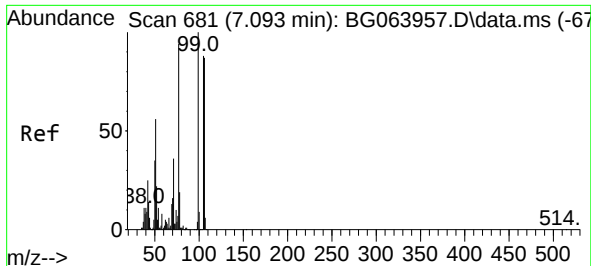
Tgt Ion: 99 Resp: 926420  
Ion Ratio Lower Upper  
99 100  
42 23.7 19.3 28.9  
71 33.6 28.4 42.6



#8  
2-Chlorophenol  
Concen: 57.002 ng  
RT: 7.519 min Scan# 754  
Delta R.T. -0.004 min  
Lab File: BG063959.D  
Acq: 24 Jan 2025 16:17

Tgt Ion:128 Resp: 355753  
Ion Ratio Lower Upper  
128 100  
130 31.8 10.5 50.5  
64 61.3 37.0 77.0

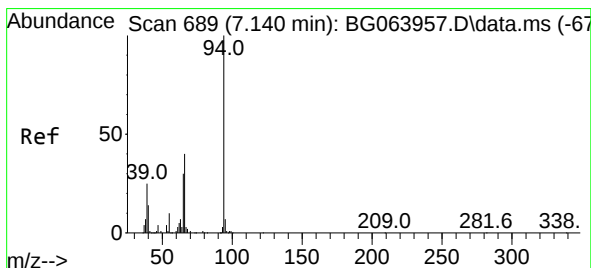
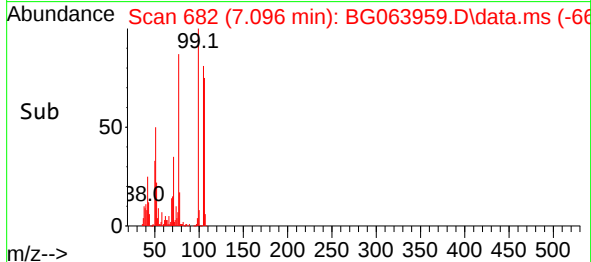
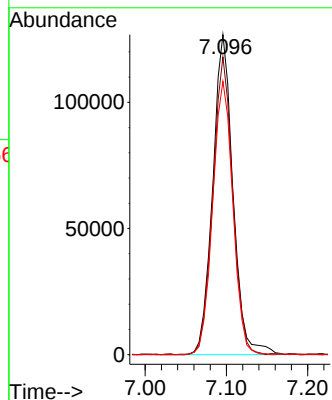
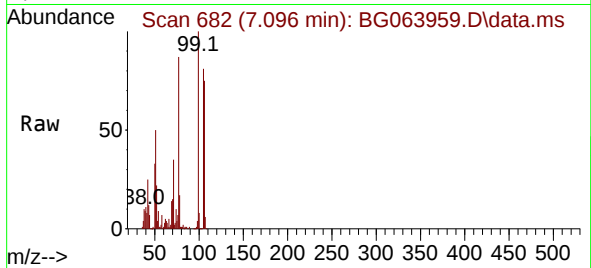




#9  
Benzaldehyde  
Concen: 46.451 ng  
RT: 7.096 min Scan# 61  
Delta R.T. 0.002 min  
Lab File: BG063959.D  
Acq: 24 Jan 2025 16:17

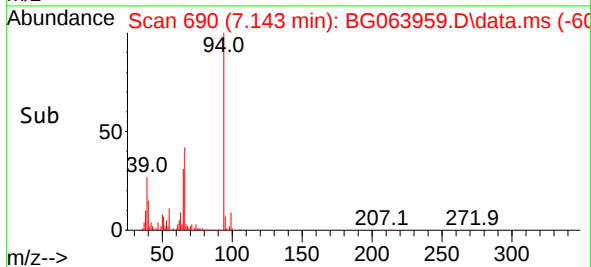
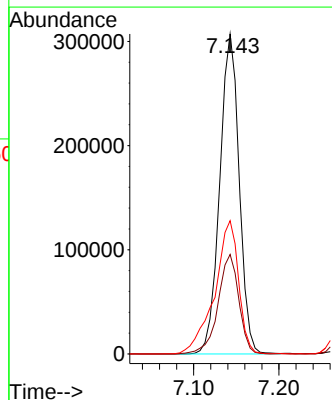
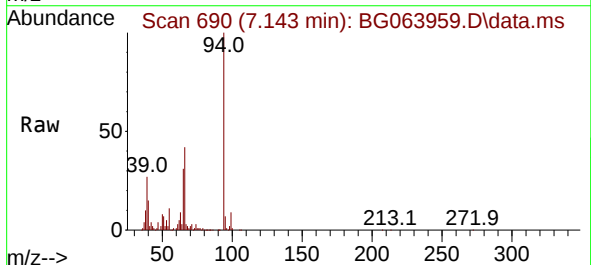
Instrument :  
BNA\_G  
ClientSampleId :  
SSTDICC060

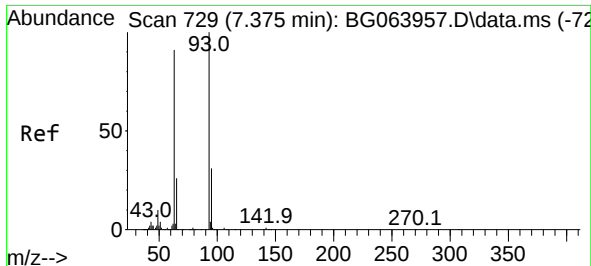
Tgt Ion: 77 Resp: 219878  
Ion Ratio Lower Upper  
77 100  
105 93.1 73.8 113.8  
106 85.4 72.5 112.5



#10  
Phenol  
Concen: 57.395 ng  
RT: 7.143 min Scan# 690  
Delta R.T. -0.004 min  
Lab File: BG063959.D  
Acq: 24 Jan 2025 16:17

Tgt Ion: 94 Resp: 486721  
Ion Ratio Lower Upper  
94 100  
65 31.1 9.9 49.9  
66 41.7 20.5 60.5

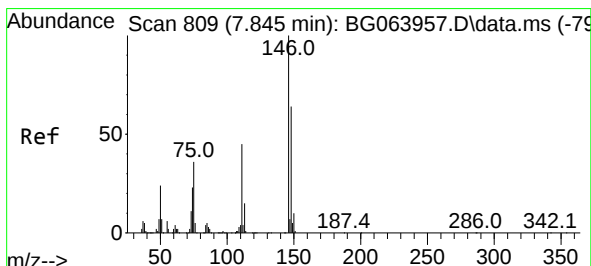
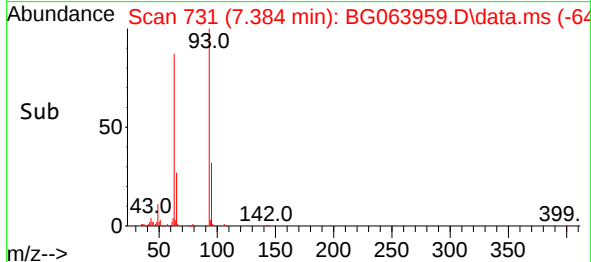
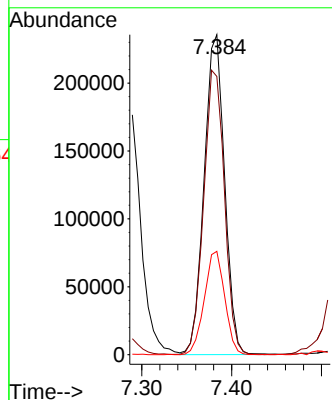
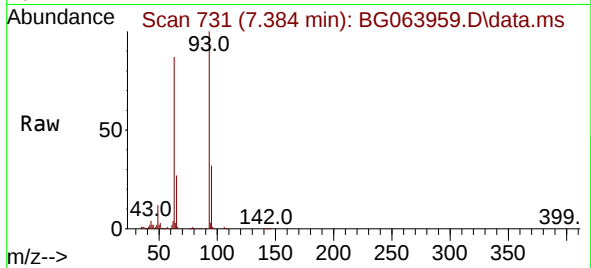




#11  
bis(2-Chloroethyl)ether  
Concen: 56.248 ng  
RT: 7.384 min Scan# 71  
Delta R.T. 0.002 min  
Lab File: BG063959.D  
Acq: 24 Jan 2025 16:17

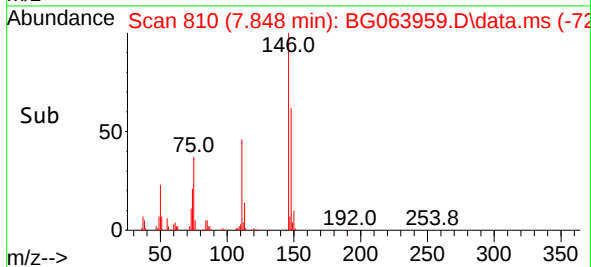
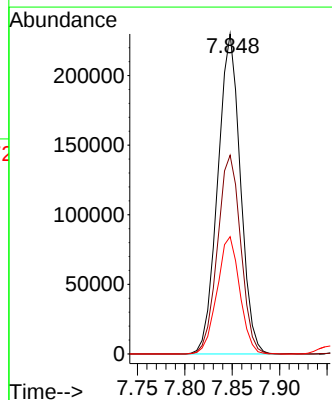
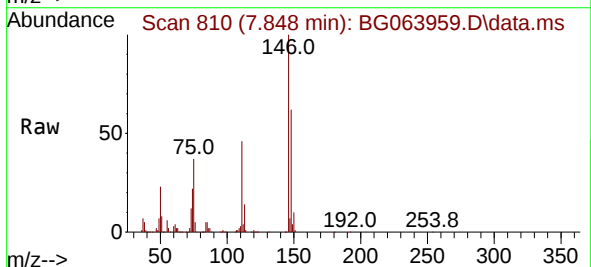
Instrument :  
BNA\_G  
ClientSampleId :  
SSTDICC060

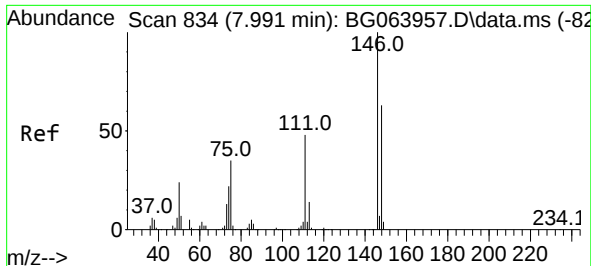
Tgt Ion: 93 Resp: 373276  
Ion Ratio Lower Upper  
93 100  
63 86.9 70.8 110.8  
95 32.3 11.0 51.0



#12  
1,3-Dichlorobenzene  
Concen: 56.637 ng  
RT: 7.848 min Scan# 810  
Delta R.T. 0.002 min  
Lab File: BG063959.D  
Acq: 24 Jan 2025 16:17

Tgt Ion:146 Resp: 381596  
Ion Ratio Lower Upper  
146 100  
148 62.1 50.9 76.3  
75 36.7 28.7 43.1

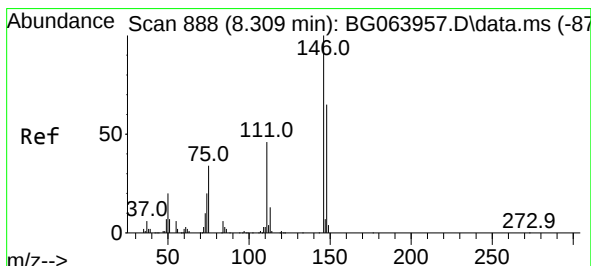
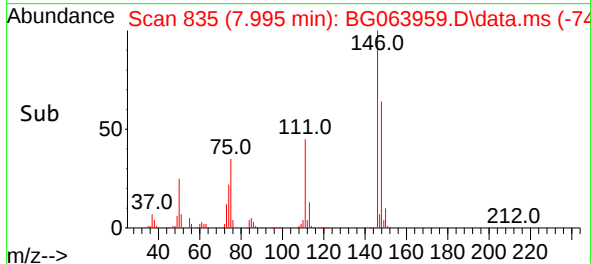
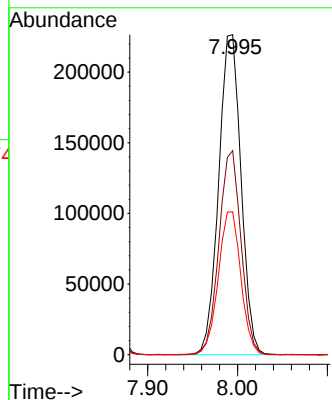
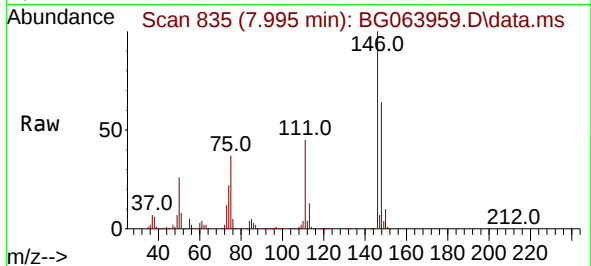




#13  
1,4-Dichlorobenzene  
Concen: 57.360 ng  
RT: 7.995 min Scan# 81  
Delta R.T. 0.002 min  
Lab File: BG063959.D  
Acq: 24 Jan 2025 16:17

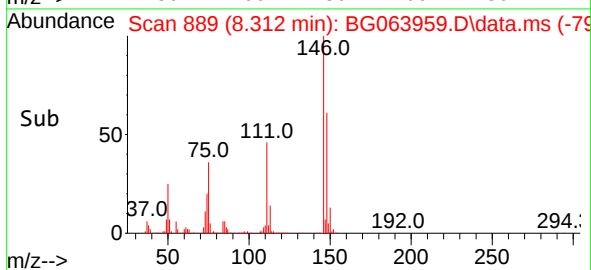
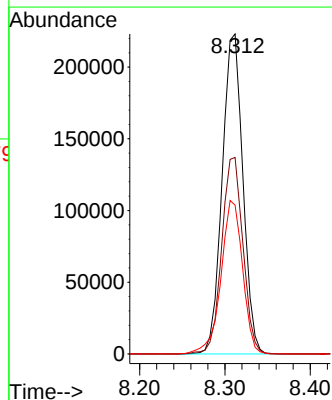
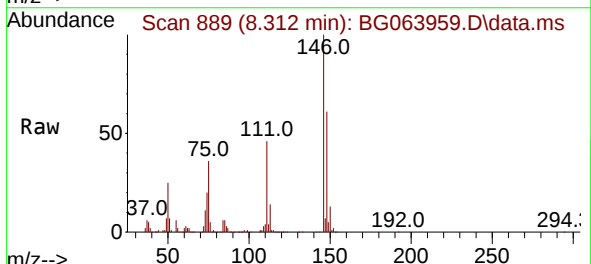
Instrument :  
BNA\_G  
ClientSampleId :  
SSTDICC060

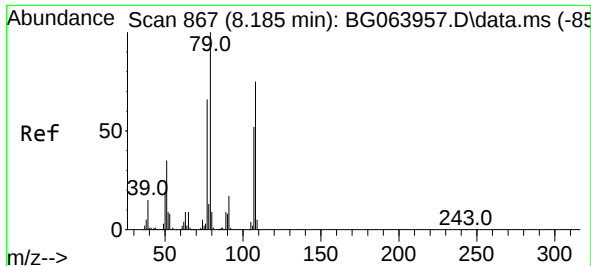
Tgt Ion:146 Resp: 391687  
Ion Ratio Lower Upper  
146 100  
148 63.8 50.9 76.3  
111 44.7 38.2 57.4



#14  
1,2-Dichlorobenzene  
Concen: 56.662 ng  
RT: 8.312 min Scan# 889  
Delta R.T. 0.001 min  
Lab File: BG063959.D  
Acq: 24 Jan 2025 16:17

Tgt Ion:146 Resp: 375979  
Ion Ratio Lower Upper  
146 100  
148 61.4 51.8 77.8  
111 46.5 37.2 55.8

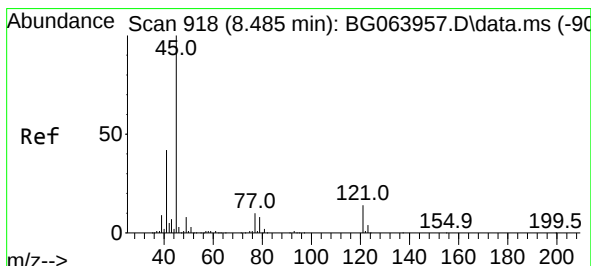
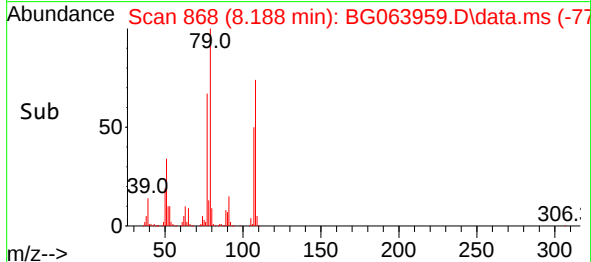
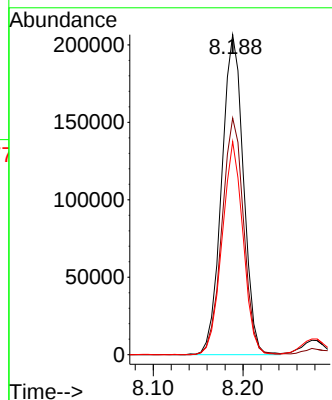
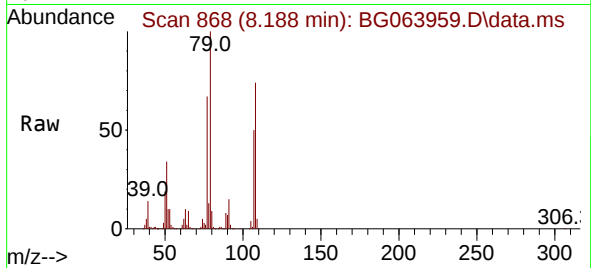




#15  
Benzyl Alcohol  
Concen: 58.271 ng  
RT: 8.188 min Scan# 867  
Delta R.T. -0.005 min  
Lab File: BG063959.D  
Acq: 24 Jan 2025 16:17

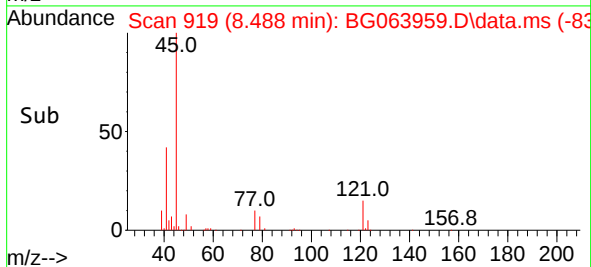
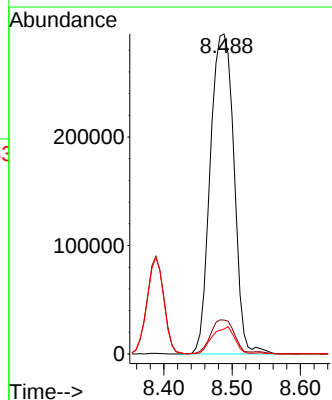
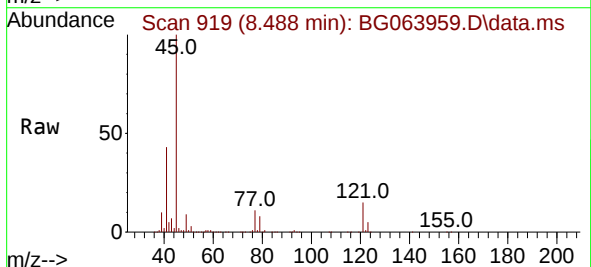
Instrument :  
BNA\_G  
ClientSampleId :  
SSTDICC060

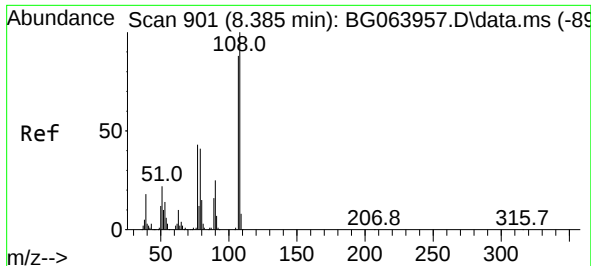
Tgt Ion: 79 Resp: 347206  
Ion Ratio Lower Upper  
79 100  
108 73.9 59.7 89.5  
77 66.6 52.9 79.3



#16  
2,2'-oxybis(1-Chloropropane)  
Concen: 58.020 ng  
RT: 8.488 min Scan# 919  
Delta R.T. -0.005 min  
Lab File: BG063959.D  
Acq: 24 Jan 2025 16:17

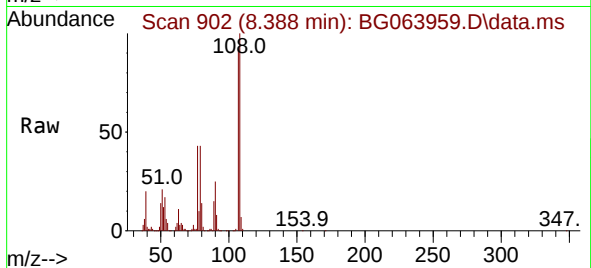
Tgt Ion: 45 Resp: 711625  
Ion Ratio Lower Upper  
45 100  
77 10.6 0.0 30.5  
79 7.8 0.0 27.9



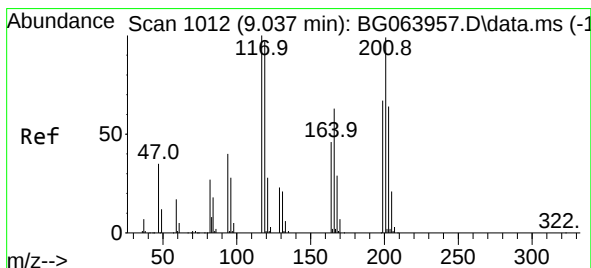
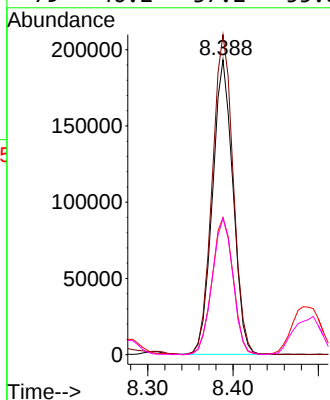
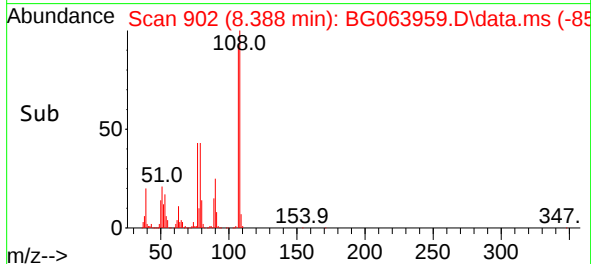


#17  
2-Methylphenol  
Concen: 58.317 ng  
RT: 8.388 min Scan# 901  
Delta R.T. -0.005 min  
Lab File: BG063959.D  
Acq: 24 Jan 2025 16:17

Instrument :  
BNA\_G  
ClientSampleId :  
SSTDICC060

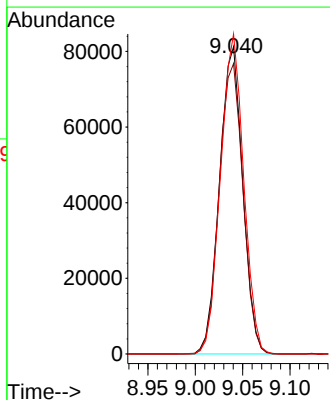
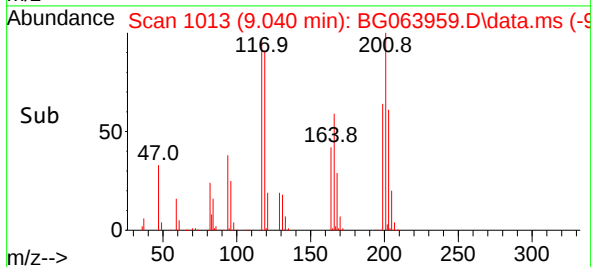
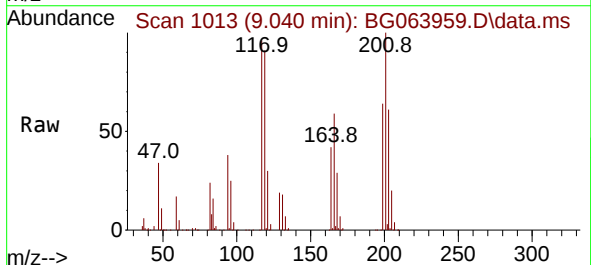


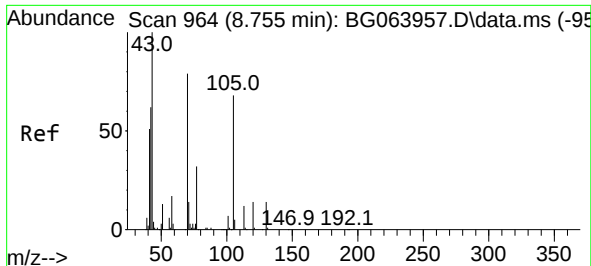
Tgt Ion:107 Resp: 321978  
Ion Ratio Lower Upper  
107 100  
108 108.5 91.0 136.4  
77 46.5 39.4 59.2  
79 46.2 37.2 55.8



#18  
Hexachloroethane  
Concen: 58.286 ng  
RT: 9.040 min Scan# 1013  
Delta R.T. 0.001 min  
Lab File: BG063959.D  
Acq: 24 Jan 2025 16:17

Tgt Ion:117 Resp: 138807  
Ion Ratio Lower Upper  
117 100  
119 94.5 77.7 116.5  
201 104.1 81.1 121.7

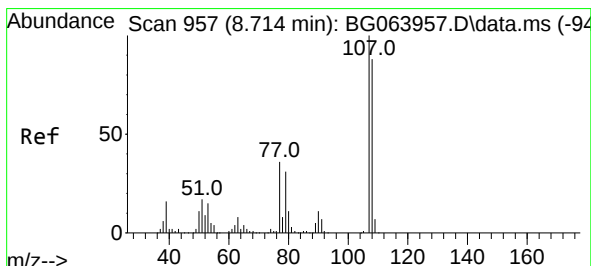
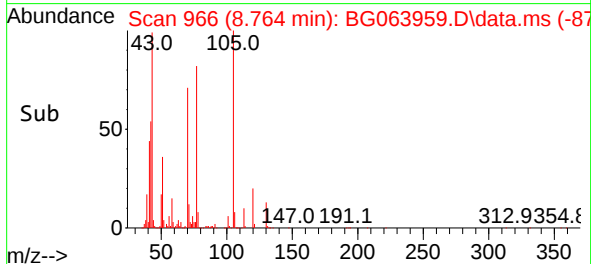
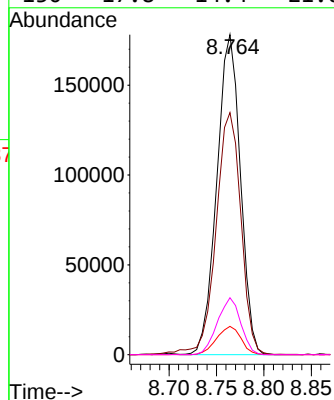
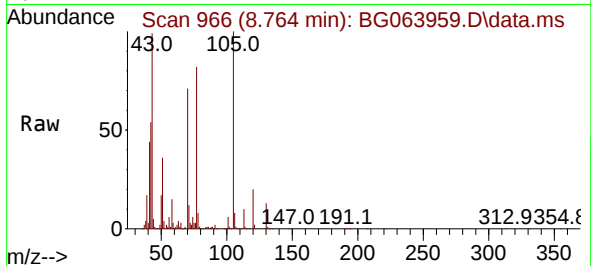




#19  
n-Nitroso-di-n-propylamine  
Concen: 57.007 ng  
RT: 8.764 min Scan# 90  
Delta R.T. -0.005 min  
Lab File: BG063959.D  
Acq: 24 Jan 2025 16:17

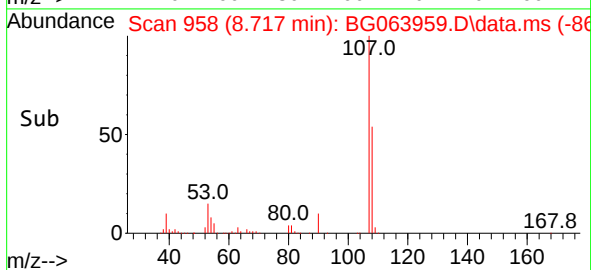
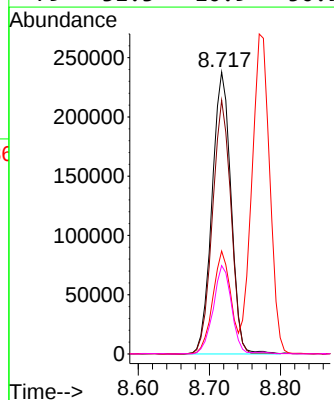
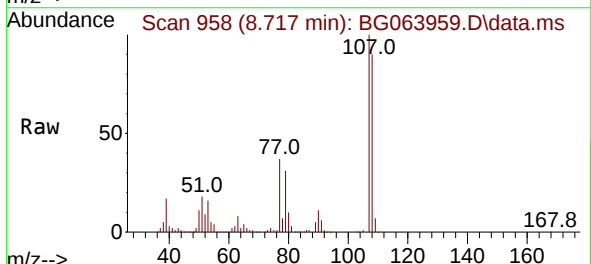
Instrument :  
BNA\_G  
ClientSampleId :  
SSTDICC060

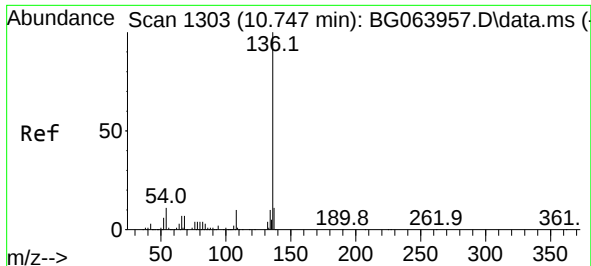
Tgt Ion: 70 Resp: 308492  
Ion Ratio Lower Upper  
70 100  
42 75.7 62.6 93.8  
101 8.9 7.4 11.2  
130 17.8 14.4 21.6



#20  
3+4-Methylphenols  
Concen: 58.610 ng  
RT: 8.717 min Scan# 958  
Delta R.T. -0.005 min  
Lab File: BG063959.D  
Acq: 24 Jan 2025 16:17

Tgt Ion: 107 Resp: 441215  
Ion Ratio Lower Upper  
107 100  
108 90.0 67.6 107.6  
77 36.5 15.7 55.7  
79 31.3 10.9 50.9

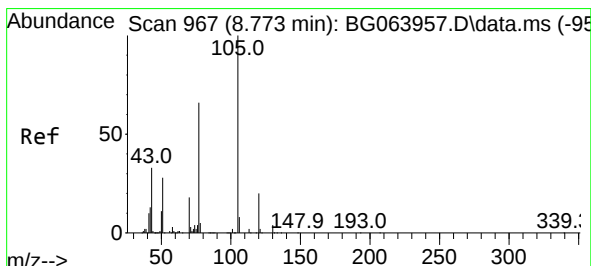
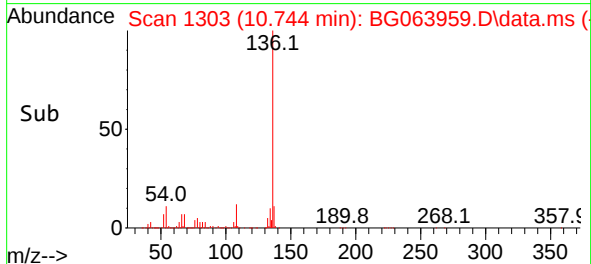
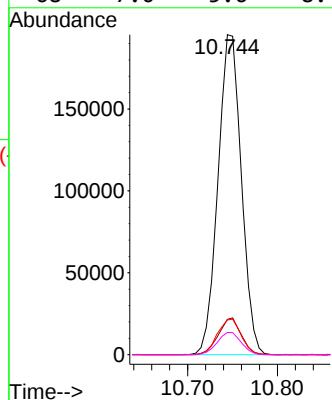
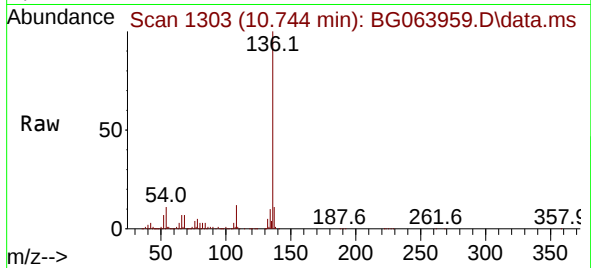




#21  
Naphthalene-d8  
Concen: 20.000 ng  
RT: 10.744 min Scan# 1303  
Delta R.T. -0.005 min  
Lab File: BG063959.D  
Acq: 24 Jan 2025 16:17

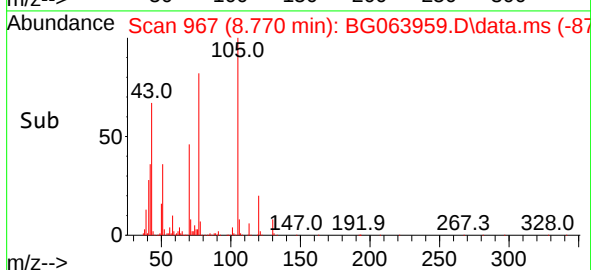
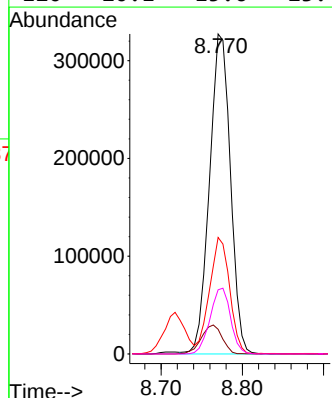
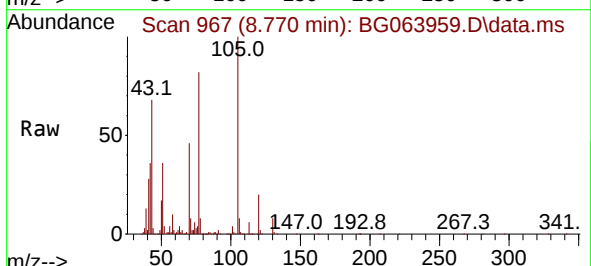
Instrument :  
BNA\_G  
ClientSampleId :  
SSTDICC060

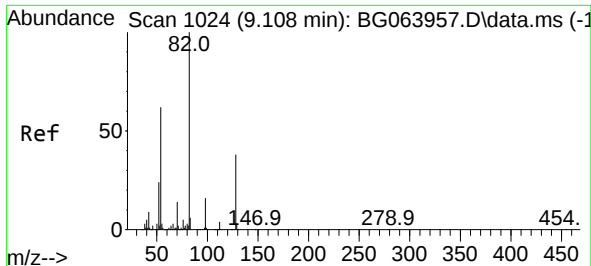
Tgt Ion:136 Resp: 353223  
Ion Ratio Lower Upper  
136 100  
137 11.0 8.4 12.6  
54 10.9 9.0 13.4  
68 7.0 5.6 8.4



#22  
Acetophenone  
Concen: 57.570 ng  
RT: 8.770 min Scan# 967  
Delta R.T. -0.005 min  
Lab File: BG063959.D  
Acq: 24 Jan 2025 16:17

Tgt Ion:105 Resp: 585858  
Ion Ratio Lower Upper  
105 100  
71 7.7 2.4 3.6#  
51 36.4 27.2 40.8  
120 20.1 15.6 23.4

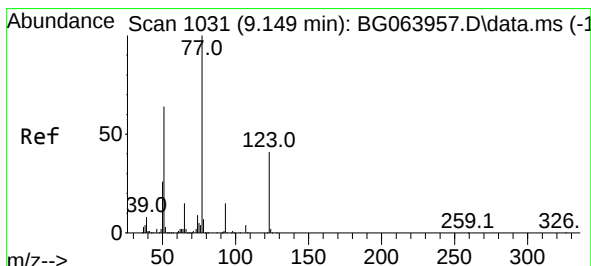
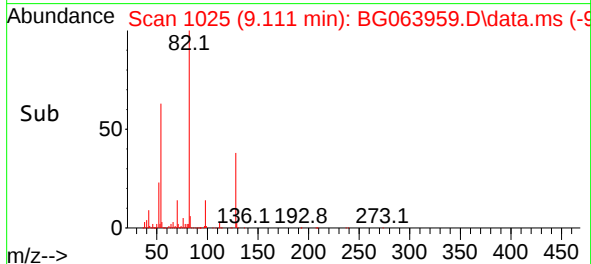
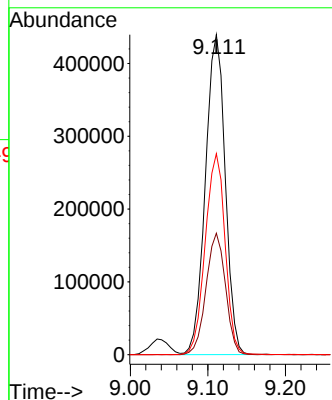
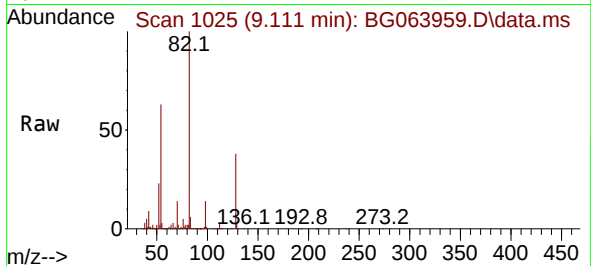




#23  
Nitrobenzene-d5  
Concen: 131.615 ng  
RT: 9.111 min Scan# 1025  
Delta R.T. -0.004 min  
Lab File: BG063959.D  
Acq: 24 Jan 2025 16:17

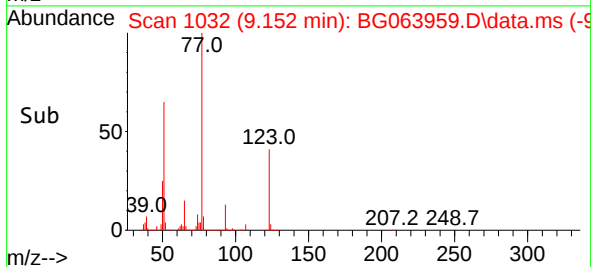
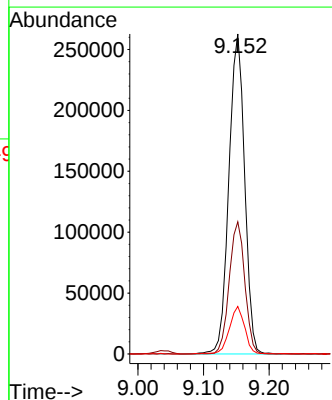
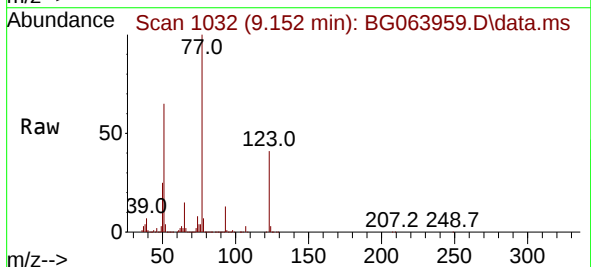
Instrument :  
BNA\_G  
ClientSampleId :  
SSTDICC060

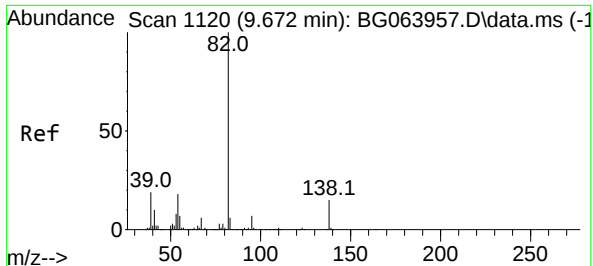
Tgt Ion: 82 Resp: 780532  
Ion Ratio Lower Upper  
82 100  
128 37.9 30.6 45.8  
54 62.8 49.0 73.6



#24  
Nitrobenzene  
Concen: 65.196 ng  
RT: 9.152 min Scan# 1032  
Delta R.T. -0.005 min  
Lab File: BG063959.D  
Acq: 24 Jan 2025 16:17

Tgt Ion: 77 Resp: 436360  
Ion Ratio Lower Upper  
77 100  
123 41.3 32.7 49.1  
65 14.9 12.0 18.0

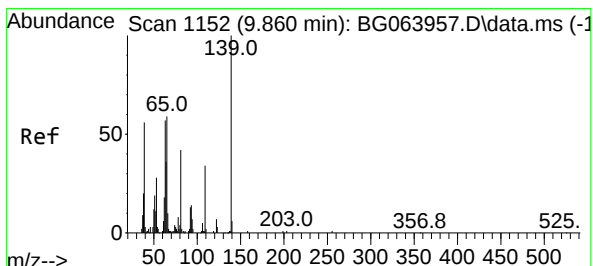
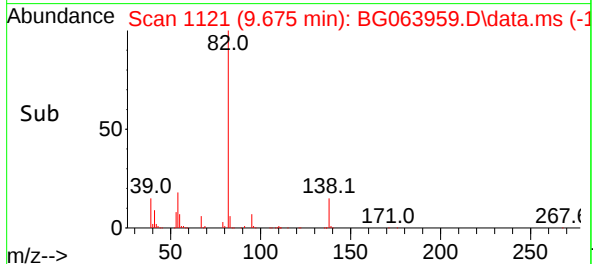
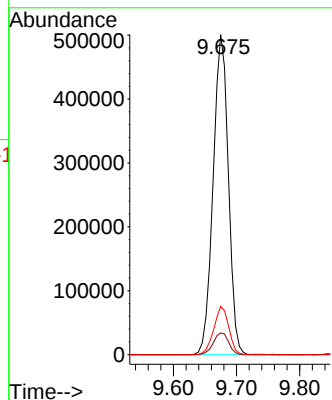
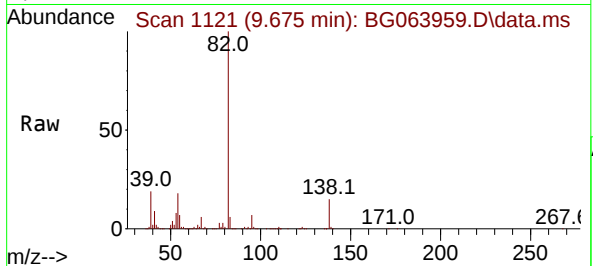




#25  
Isophorone  
Concen: 58.306 ng  
RT: 9.675 min Scan# 1120  
Delta R.T. -0.005 min  
Lab File: BG063959.D  
Acq: 24 Jan 2025 16:17

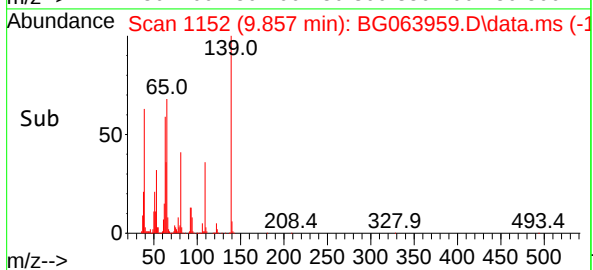
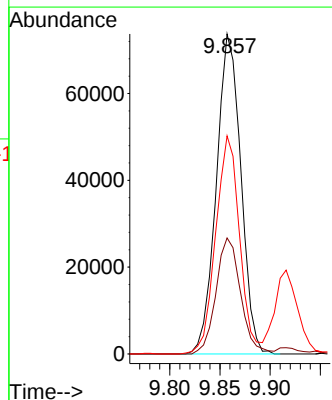
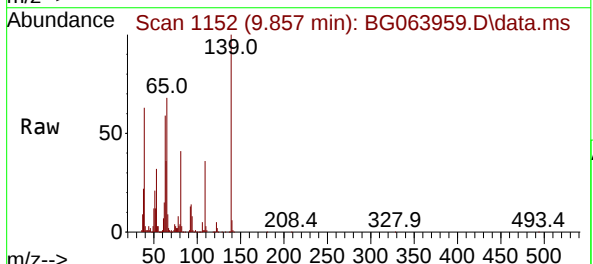
Instrument :  
BNA\_G  
ClientSampleId :  
SSTDICC060

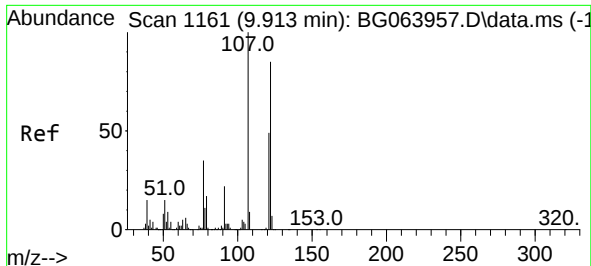
Tgt Ion: 82 Resp: 837688  
Ion Ratio Lower Upper  
82 100  
95 6.8 5.6 8.4  
138 15.1 12.2 18.4



#26  
2-Nitrophenol  
Concen: 60.843 ng  
RT: 9.857 min Scan# 1152  
Delta R.T. -0.005 min  
Lab File: BG063959.D  
Acq: 24 Jan 2025 16:17

Tgt Ion: 139 Resp: 125089  
Ion Ratio Lower Upper  
139 100  
109 36.2 27.1 40.7  
65 68.2 47.0 70.6





#27

2,4-Dimethylphenol

Concen: 59.566 ng

RT: 9.916 min Scan# 1161

Delta R.T. -0.004 min

Lab File: BG063959.D

Acq: 24 Jan 2025 16:17

Instrument :

BNA\_G

ClientSampleId :

SSTDICC060

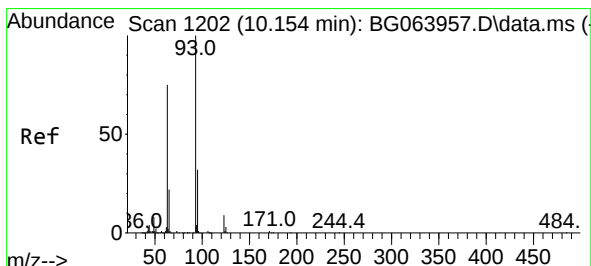
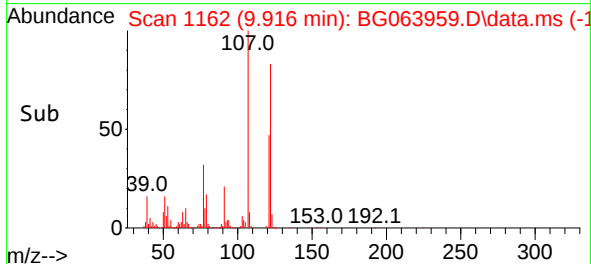
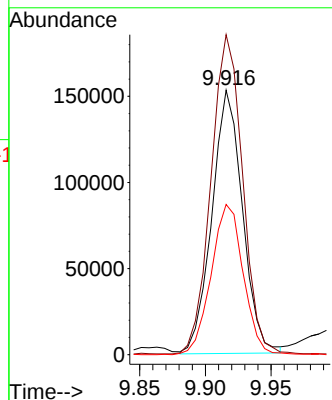
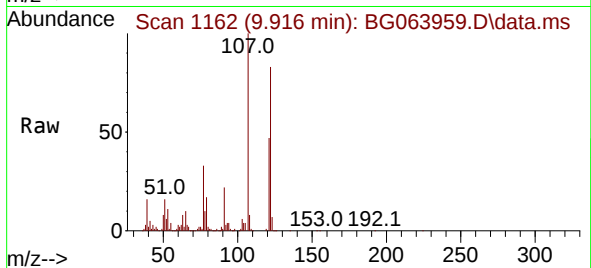
Tgt Ion:122 Resp: 248030

Ion Ratio Lower Upper

122 100

107 121.0 94.1 141.1

121 56.8 45.8 68.8



#28

bis(2-Chloroethoxy)methane

Concen: 59.183 ng

RT: 10.157 min Scan# 1203

Delta R.T. -0.004 min

Lab File: BG063959.D

Acq: 24 Jan 2025 16:17

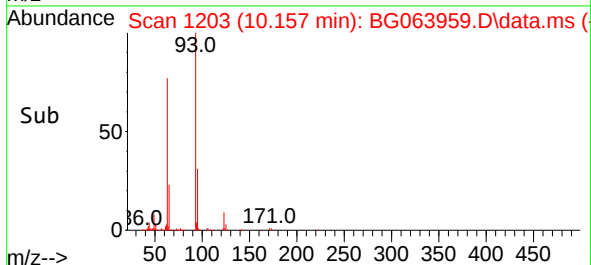
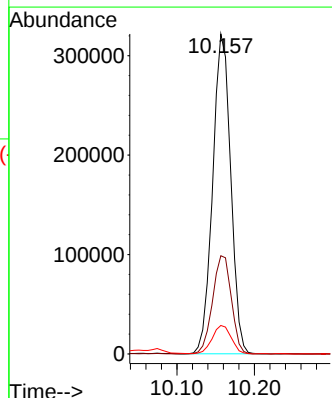
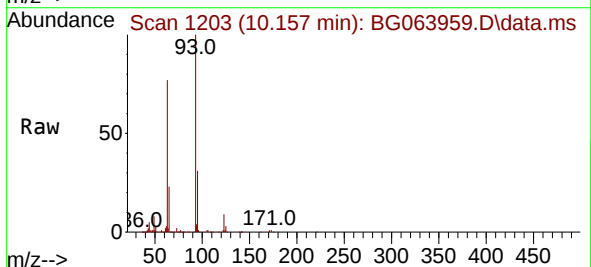
Tgt Ion: 93 Resp: 520139

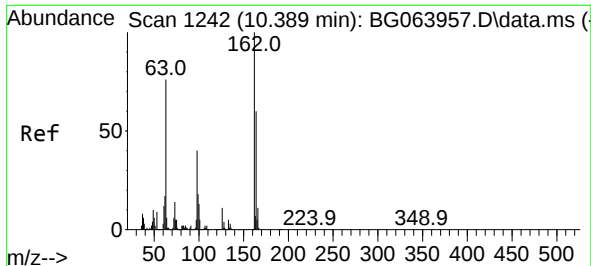
Ion Ratio Lower Upper

93 100

95 30.7 25.6 38.4

123 8.9 7.1 10.7





#29

2,4-Dichlorophenol

Concen: 60.444 ng

RT: 10.392 min Scan# 1

Delta R.T. 0.002 min

Lab File: BG063959.D

Acq: 24 Jan 2025 16:17

Instrument :

BNA\_G

ClientSampleId :

SSTDICC060

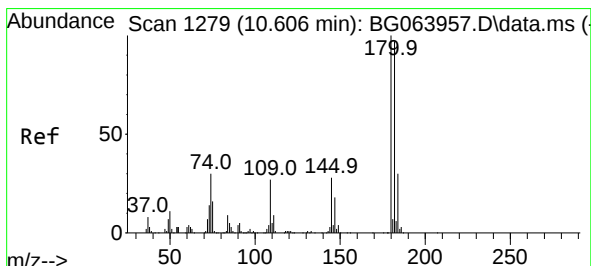
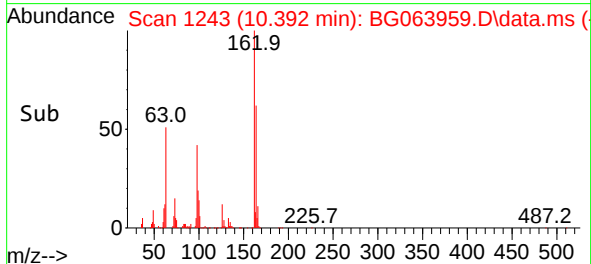
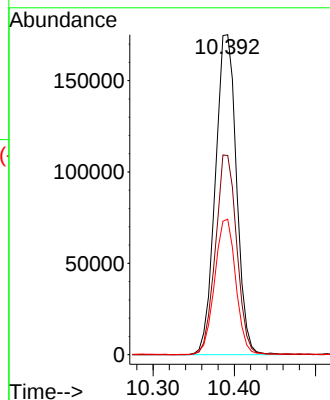
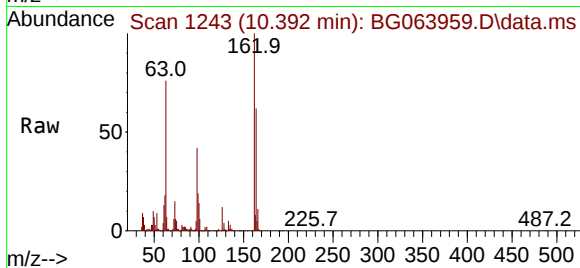
Tgt Ion:162 Resp: 317291

Ion Ratio Lower Upper

162 100

164 62.3 40.4 80.4

98 42.4 20.1 60.1



#30

1,2,4-Trichlorobenzene

Concen: 58.057 ng

RT: 10.609 min Scan# 1280

Delta R.T. -0.005 min

Lab File: BG063959.D

Acq: 24 Jan 2025 16:17

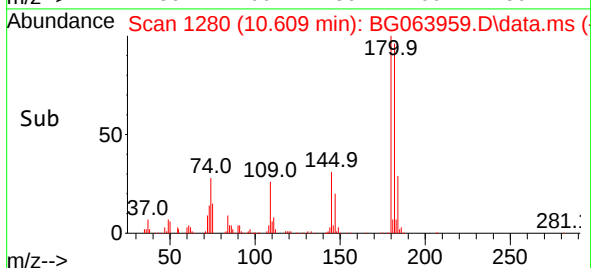
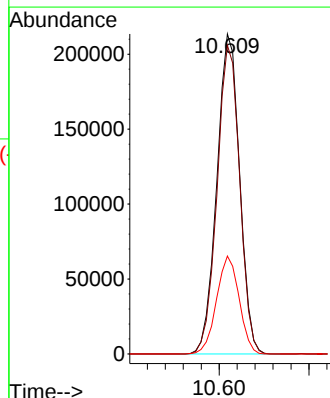
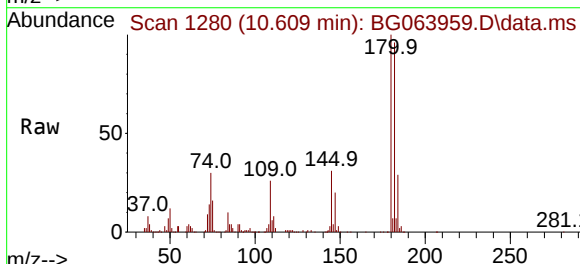
Tgt Ion:180 Resp: 375123

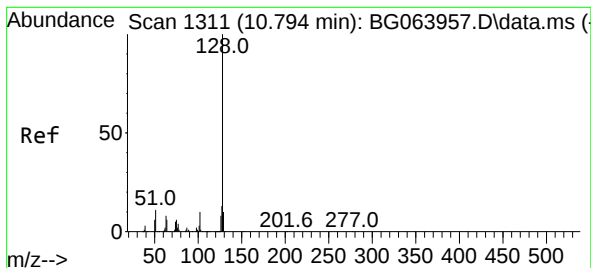
Ion Ratio Lower Upper

180 100

182 96.5 77.8 116.6

145 30.6 22.7 34.1





#31

Naphthalene

Concen: 58.386 ng

RT: 10.797 min Scan# 11

Delta R.T. -0.005 min

Lab File: BG063959.D

Acq: 24 Jan 2025 16:17

Instrument :

BNA\_G

ClientSampleId :

SSTDICC060

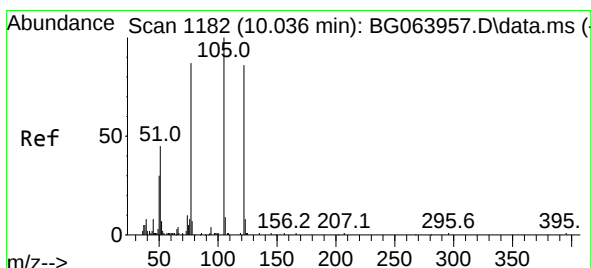
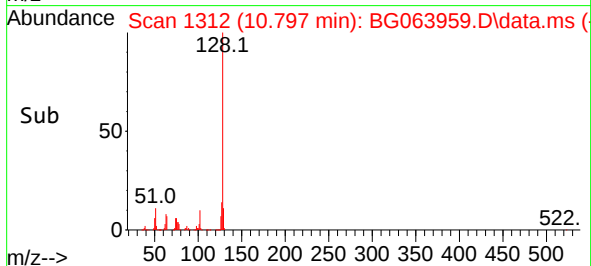
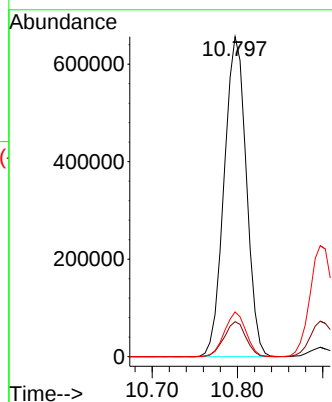
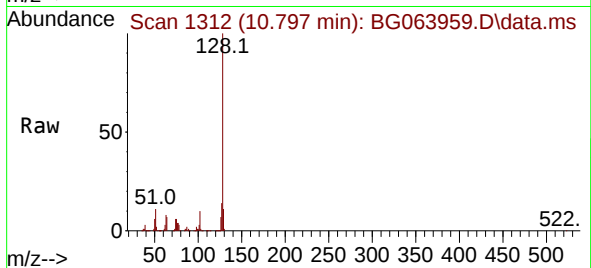
Tgt Ion:128 Resp: 1184197

Ion Ratio Lower Upper

128 100

129 10.9 8.2 12.4

127 14.0 10.7 16.1



#32

Benzoic acid

Concen: 71.058 ng m

RT: 10.080 min Scan# 1190

Delta R.T. -0.023 min

Lab File: BG063959.D

Acq: 24 Jan 2025 16:17

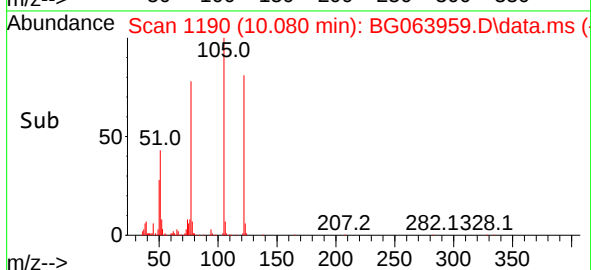
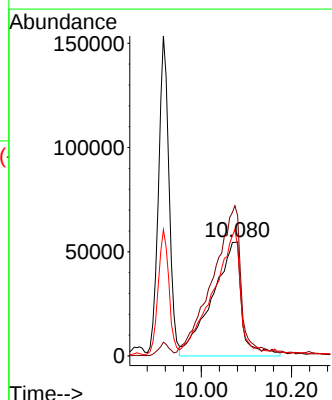
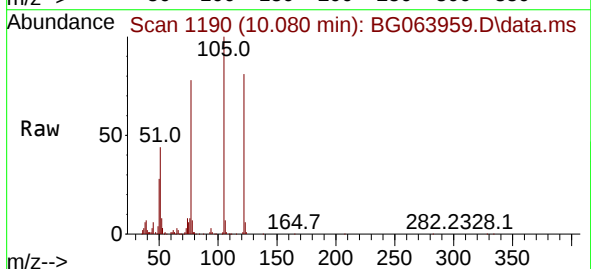
Tgt Ion:122 Resp: 249034

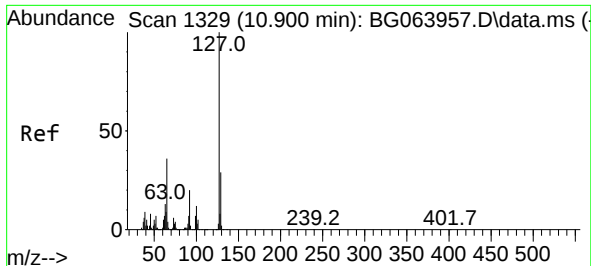
Ion Ratio Lower Upper

122 100

105 123.3 94.7 134.7

77 96.4 79.8 119.8

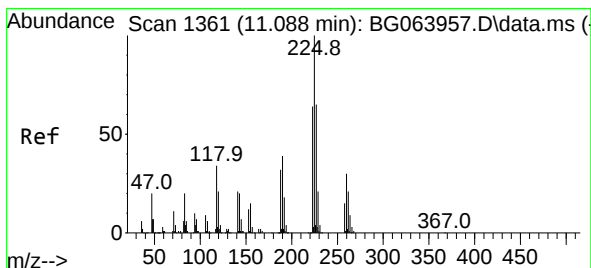
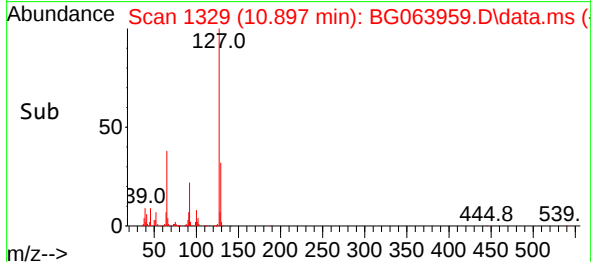
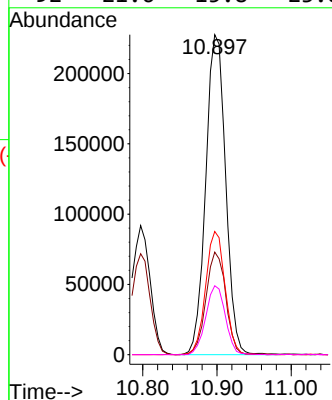
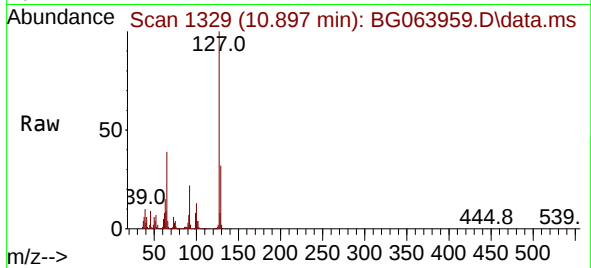




#33  
4-Chloroaniline  
Concen: 59.241 ng  
RT: 10.897 min Scan# 11  
Delta R.T. -0.005 min  
Lab File: BG063959.D  
Acq: 24 Jan 2025 16:17

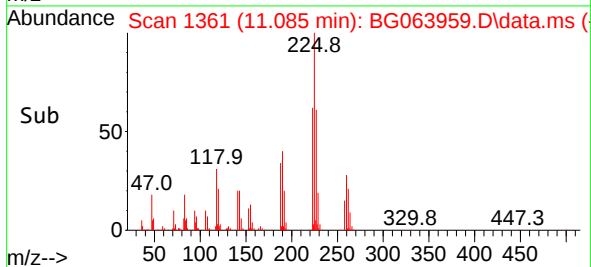
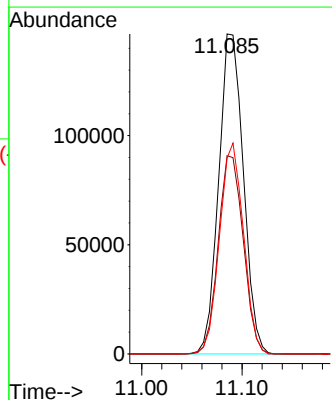
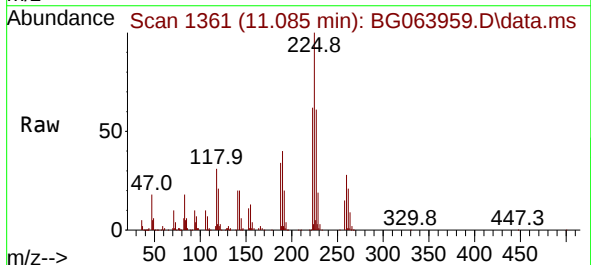
Instrument :  
BNA\_G  
ClientSampleId :  
SSTDICC060

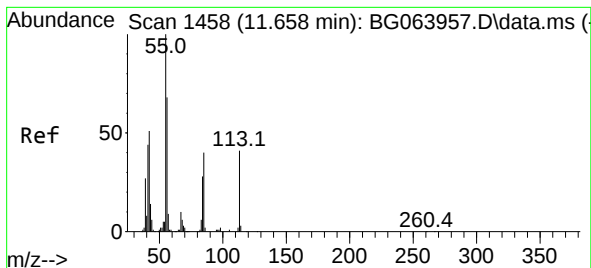
|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 127   | Resp: | 425625 |
| Ion      | Ratio | Lower | Upper  |
| 127      | 100   |       |        |
| 129      | 32.1  | 23.2  | 34.8   |
| 65       | 38.5  | 28.6  | 42.8   |
| 92       | 21.6  | 15.8  | 23.8   |



#34  
Hexachlorobutadiene  
Concen: 59.504 ng  
RT: 11.085 min Scan# 1361  
Delta R.T. -0.005 min  
Lab File: BG063959.D  
Acq: 24 Jan 2025 16:17

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 225   | Resp: | 250340 |
| Ion      | Ratio | Lower | Upper  |
| 225      | 100   |       |        |
| 223      | 62.0  | 50.8  | 76.2   |
| 227      | 61.2  | 51.7  | 77.5   |

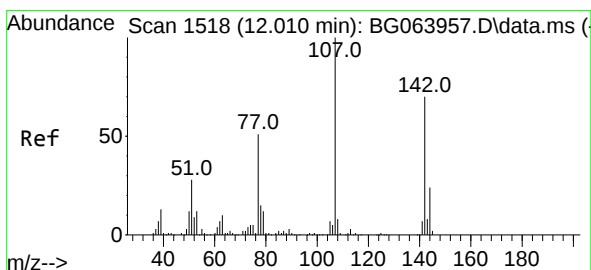
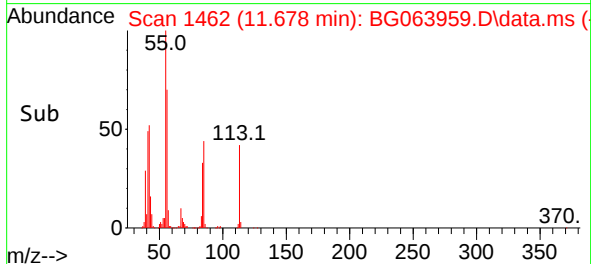
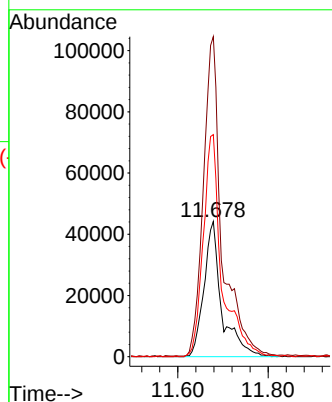
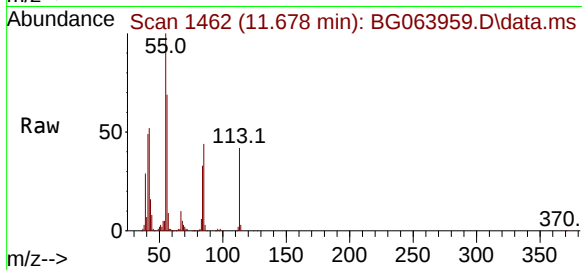




#35  
Caprolactam  
Concen: 59.611 ng m  
RT: 11.678 min Scan# 14  
Delta R.T. -0.017 min  
Lab File: BG063959.D  
Acq: 24 Jan 2025 16:17

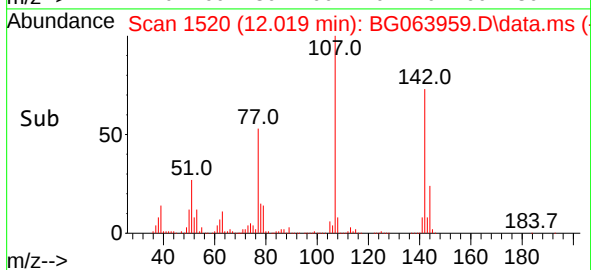
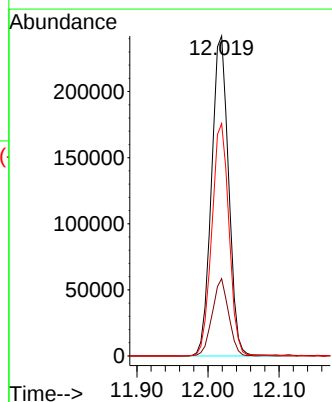
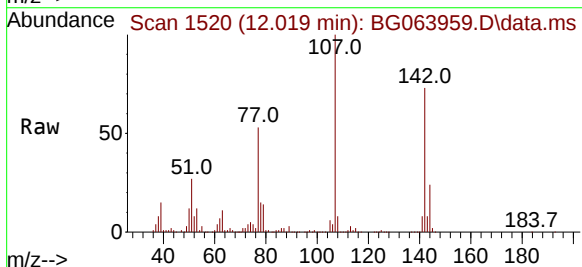
Instrument :  
BNA\_G  
ClientSampleId :  
SSTDICC060

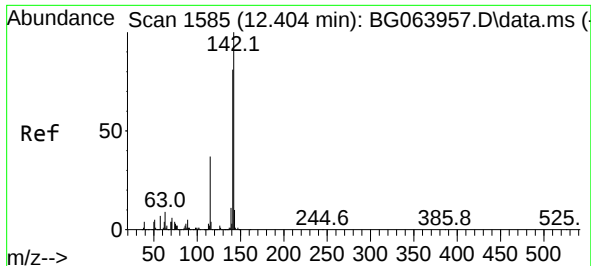
Tgt Ion:113 Resp: 121336  
Ion Ratio Lower Upper  
113 100  
55 236.8 223.0 263.0  
56 164.4 144.3 184.3



#36  
4-Chloro-3-methylphenol  
Concen: 59.930 ng  
RT: 12.019 min Scan# 1520  
Delta R.T. -0.005 min  
Lab File: BG063959.D  
Acq: 24 Jan 2025 16:17

Tgt Ion:107 Resp: 404125  
Ion Ratio Lower Upper  
107 100  
144 24.2 19.4 29.0  
142 72.6 56.1 84.1

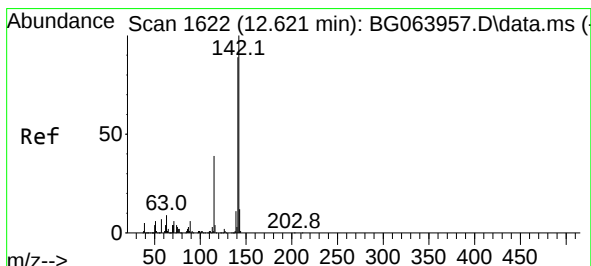
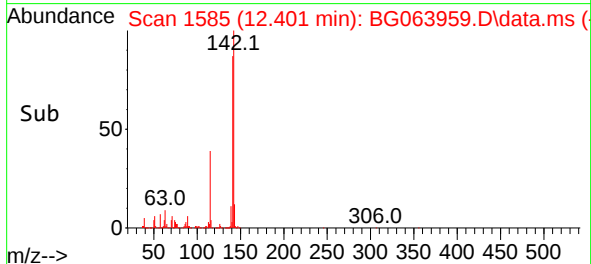
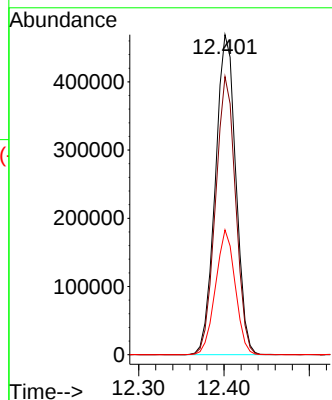
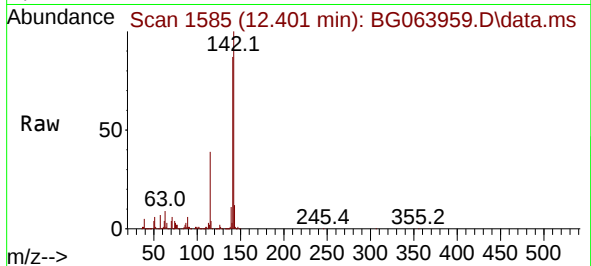




#37  
2-Methylnaphthalene  
Concen: 57.587 ng  
RT: 12.401 min Scan# 1  
Delta R.T. -0.005 min  
Lab File: BG063959.D  
Acq: 24 Jan 2025 16:17

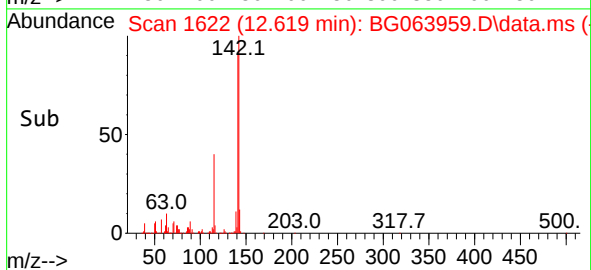
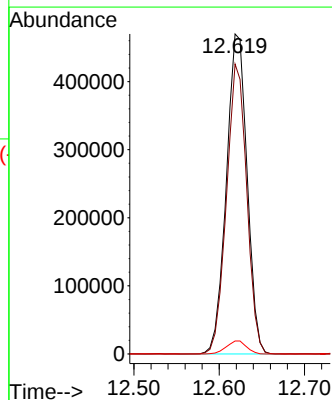
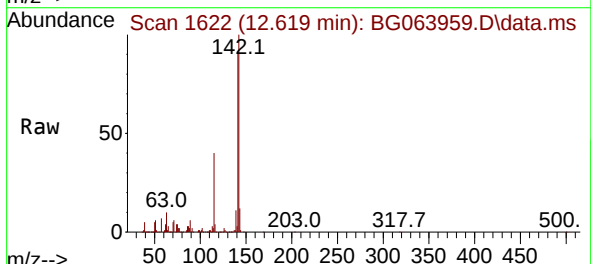
Instrument :  
BNA\_G  
ClientSampleId :  
SSTDICC060

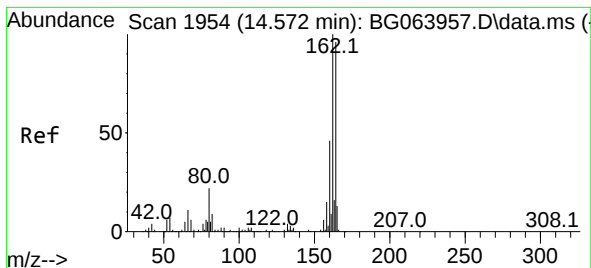
Tgt Ion:142 Resp: 785392  
Ion Ratio Lower Upper  
142 100  
141 86.9 64.6 97.0  
115 39.0 29.5 44.3



#38  
1-Methylnaphthalene  
Concen: 58.141 ng  
RT: 12.619 min Scan# 1622  
Delta R.T. -0.004 min  
Lab File: BG063959.D  
Acq: 24 Jan 2025 16:17

Tgt Ion:142 Resp: 793805  
Ion Ratio Lower Upper  
142 100  
141 90.6 71.3 106.9  
116 4.1 3.5 5.3





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.575 min Scan# 1954

Delta R.T. 0.001 min

Lab File: BG063959.D

Acq: 24 Jan 2025 16:17

Instrument :

BNA\_G

ClientSampleId :

SSTDICC060

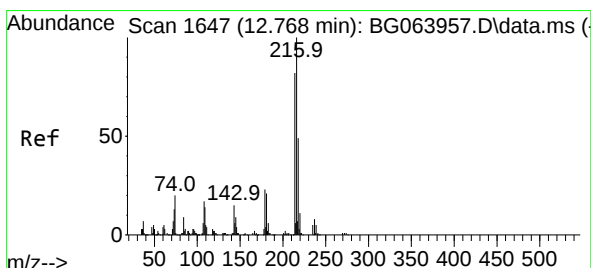
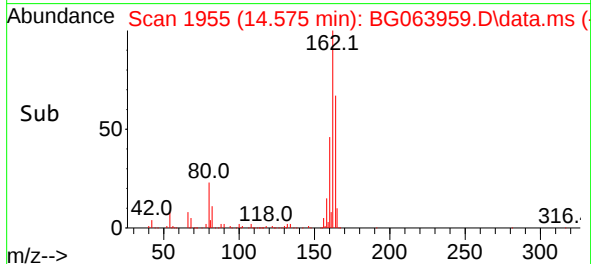
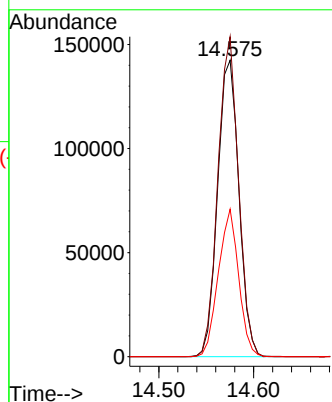
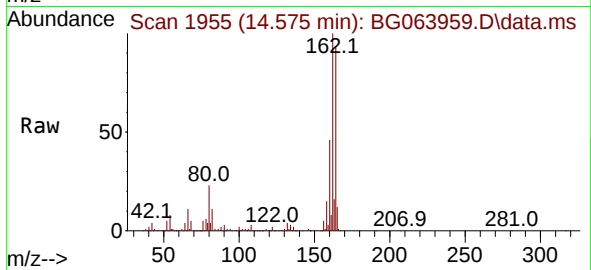
Tgt Ion:164 Resp: 222884

Ion Ratio Lower Upper

164 100

162 107.9 83.8 125.6

160 49.8 38.2 57.2



#40

1,2,4,5-Tetrachlorobenzene

Concen: 59.516 ng

RT: 12.765 min Scan# 1647

Delta R.T. -0.005 min

Lab File: BG063959.D

Acq: 24 Jan 2025 16:17

Tgt Ion:216 Resp: 412720

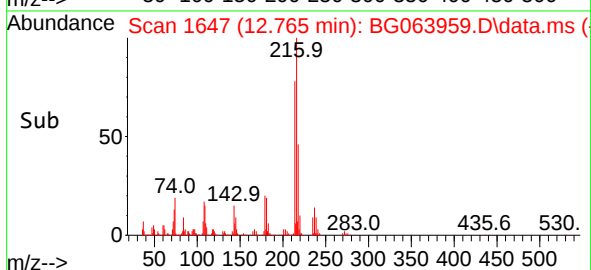
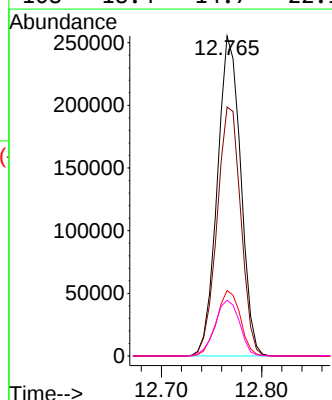
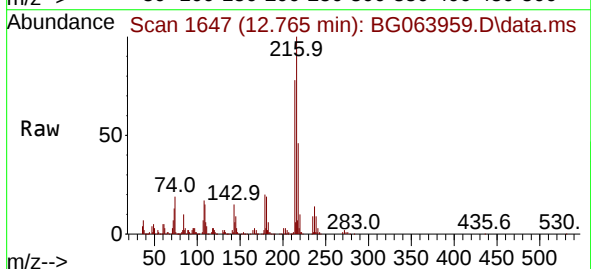
Ion Ratio Lower Upper

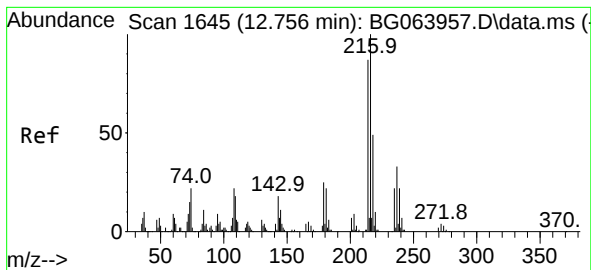
216 100

214 79.3 65.0 97.6

179 20.8 17.5 26.3

108 18.4 14.7 22.1

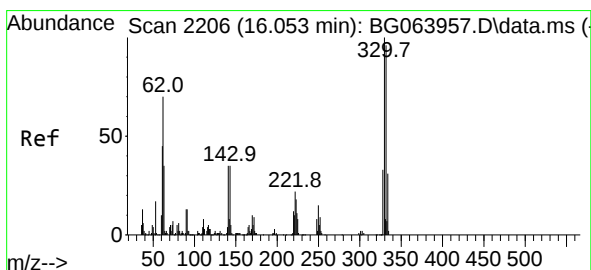
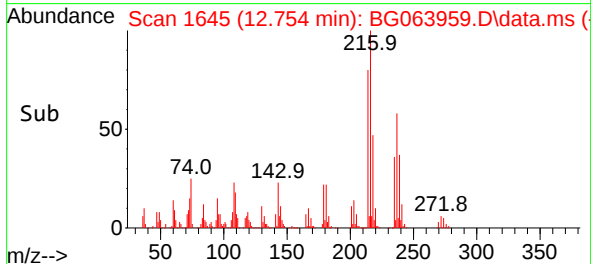
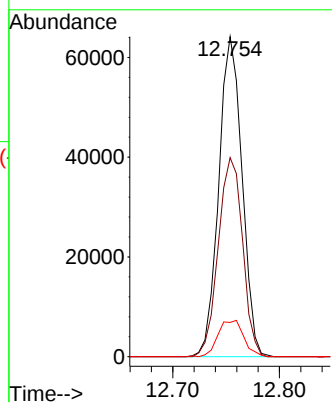
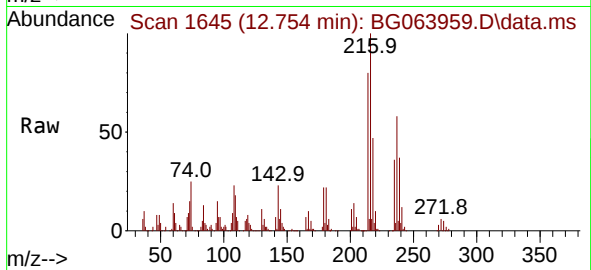




#41  
Hexachlorocyclopentadiene  
Concen: 68.348 ng  
RT: 12.754 min Scan# 1  
Delta R.T. 0.002 min  
Lab File: BG063959.D  
Acq: 24 Jan 2025 16:17

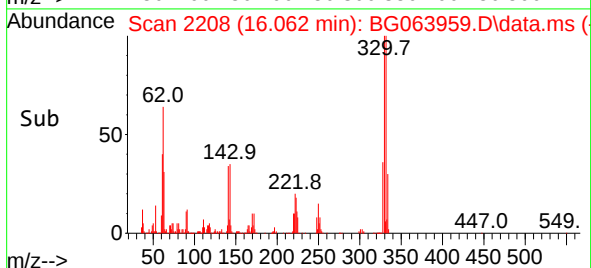
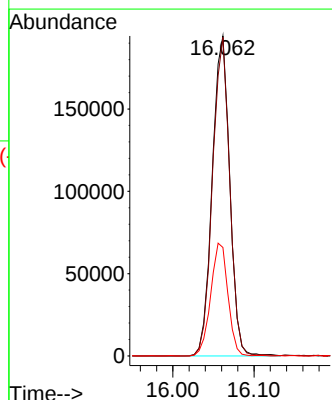
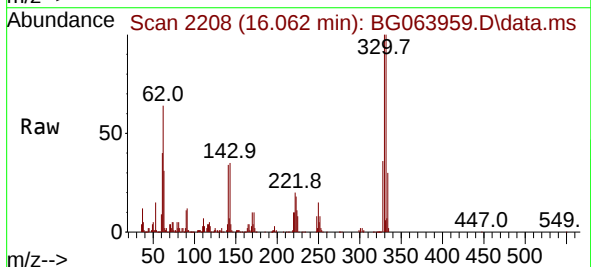
Instrument :  
BNA\_G  
ClientSampleId :  
SSTDICC060

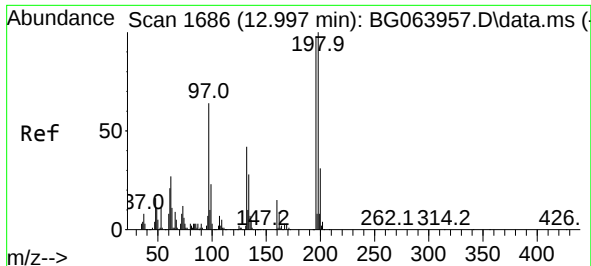
Tgt Ion:237 Resp: 97240  
Ion Ratio Lower Upper  
237 100  
235 62.2 45.5 85.5  
272 10.7 0.0 30.6



#42  
2,4,6-Tribromophenol  
Concen: 127.473 ng  
RT: 16.062 min Scan# 2208  
Delta R.T. 0.002 min  
Lab File: BG063959.D  
Acq: 24 Jan 2025 16:17

Tgt Ion:330 Resp: 290212  
Ion Ratio Lower Upper  
330 100  
332 97.7 79.4 119.0  
141 34.8 27.4 41.2

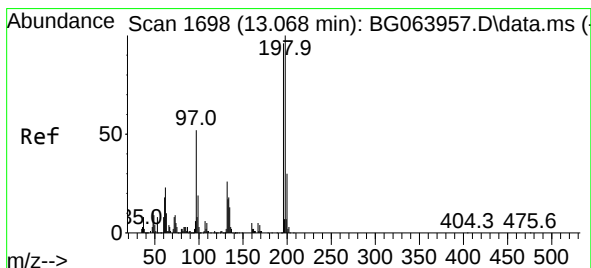
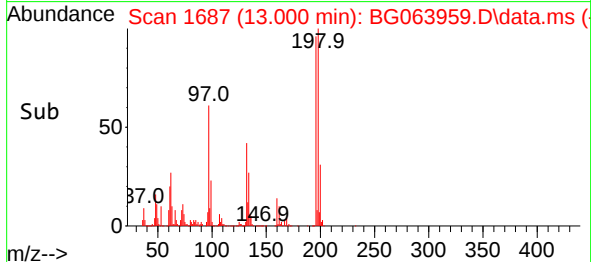
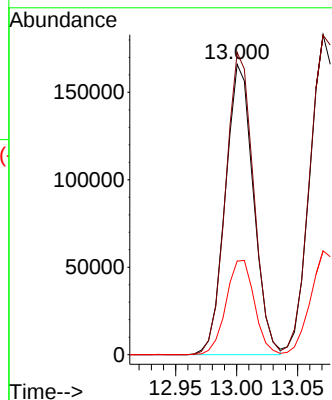
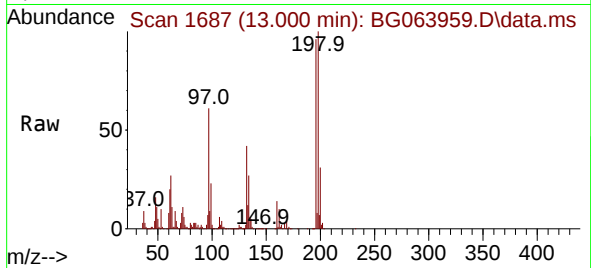




#43  
2,4,6-Trichlorophenol  
Concen: 63.156 ng  
RT: 13.000 min Scan# 1  
Delta R.T. -0.005 min  
Lab File: BG063959.D  
Acq: 24 Jan 2025 16:17

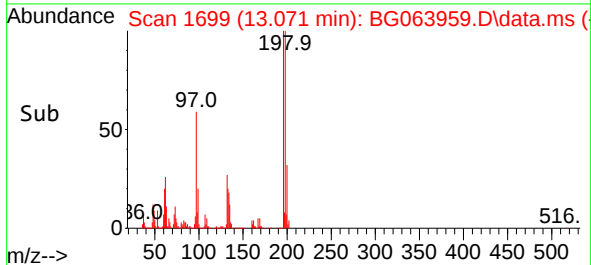
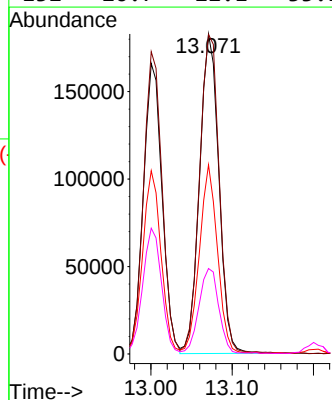
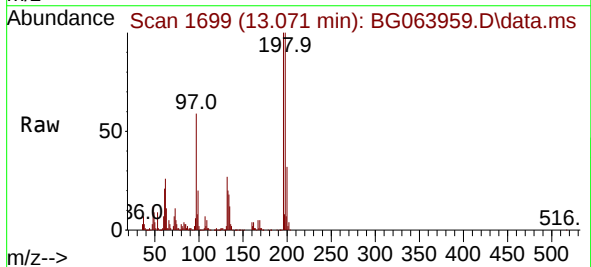
Instrument :  
BNA\_G  
ClientSampleId :  
SSTDICC060

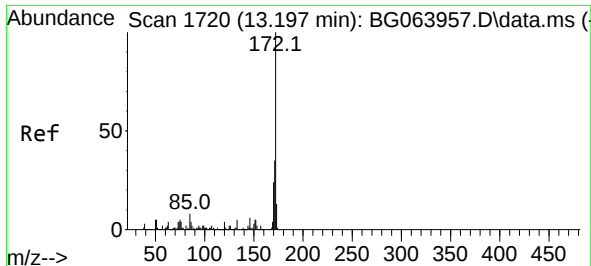
Tgt Ion:196 Resp: 266693  
Ion Ratio Lower Upper  
196 100  
198 104.1 81.7 122.5  
200 32.3 25.4 38.2



#44  
2,4,5-Trichlorophenol  
Concen: 61.860 ng  
RT: 13.071 min Scan# 1699  
Delta R.T. -0.005 min  
Lab File: BG063959.D  
Acq: 24 Jan 2025 16:17

Tgt Ion:196 Resp: 301090  
Ion Ratio Lower Upper  
196 100  
198 99.9 83.4 125.2  
97 59.1 43.8 65.6  
132 26.7 22.1 33.1

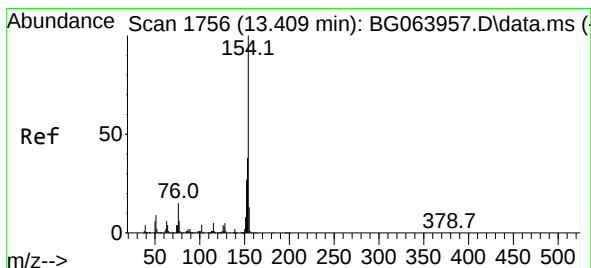
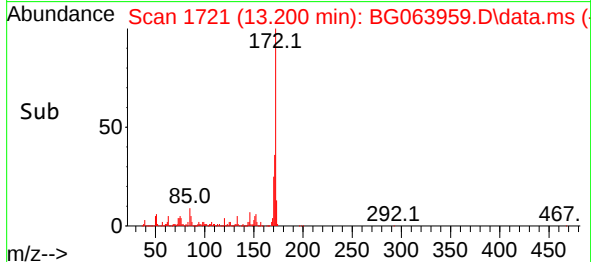
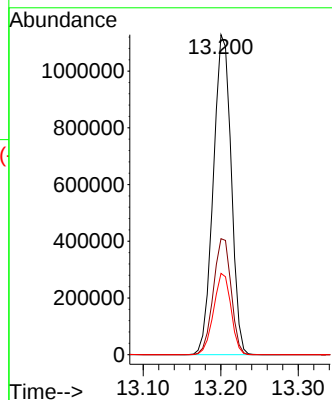
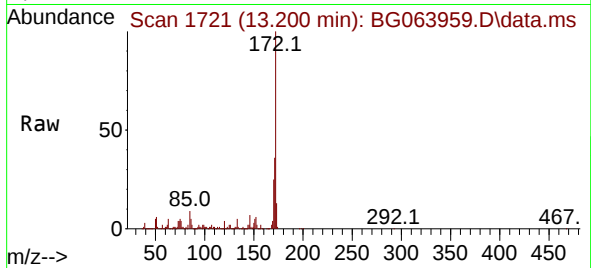




#45  
2-Fluorobiphenyl  
Concen: 114.583 ng  
RT: 13.200 min Scan# 1720  
Delta R.T. -0.005 min  
Lab File: BG063959.D  
Acq: 24 Jan 2025 16:17

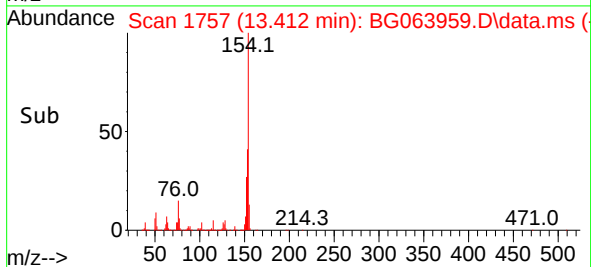
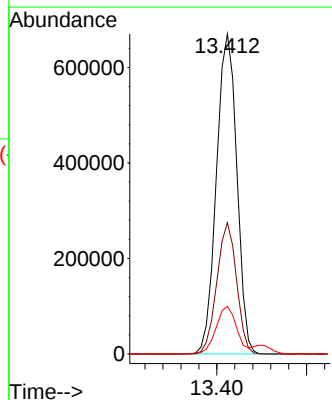
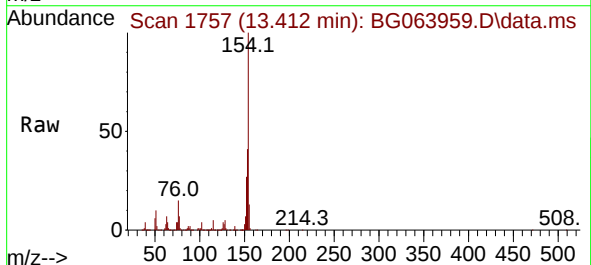
Instrument :  
BNA\_G  
ClientSampleId :  
SSTDICC060

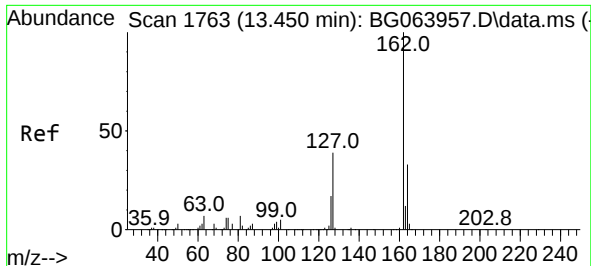
Tgt Ion:172 Resp: 1807075  
Ion Ratio Lower Upper  
172 100  
171 36.3 27.8 41.8  
170 25.4 19.3 28.9



#46  
1,1'-Biphenyl  
Concen: 58.464 ng  
RT: 13.412 min Scan# 1757  
Delta R.T. 0.002 min  
Lab File: BG063959.D  
Acq: 24 Jan 2025 16:17

Tgt Ion:154 Resp: 1055845  
Ion Ratio Lower Upper  
154 100  
153 41.1 18.3 58.3  
76 14.8 0.0 34.7





#47

2-Chloronaphthalene

Concen: 59.060 ng

RT: 13.447 min Scan# 1

Delta R.T. -0.005 min

Lab File: BG063959.D

Acq: 24 Jan 2025 16:17

Instrument :

BNA\_G

ClientSampleId :

SSTDICC060

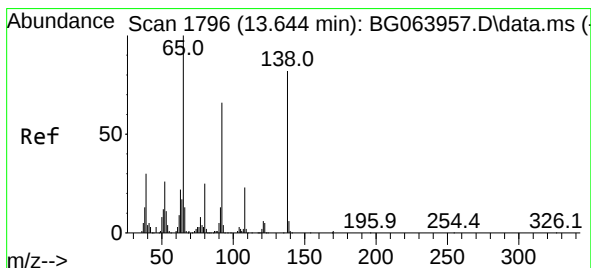
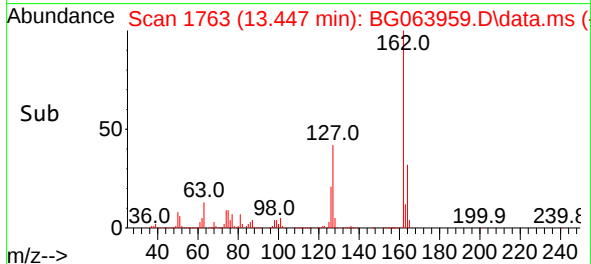
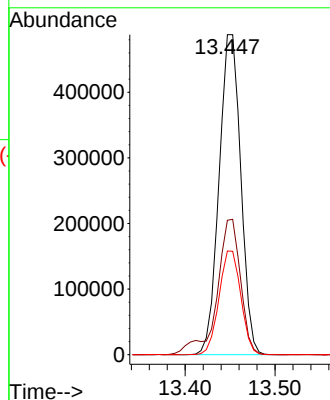
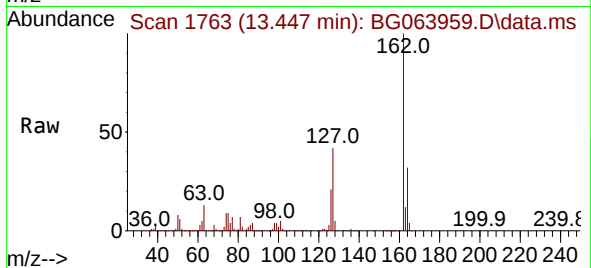
Tgt Ion:162 Resp: 819656

Ion Ratio Lower Upper

162 100

127 42.0 33.0 49.6

164 32.4 26.3 39.5



#48

2-Nitroaniline

Concen: 60.082 ng

RT: 13.647 min Scan# 1797

Delta R.T. 0.002 min

Lab File: BG063959.D

Acq: 24 Jan 2025 16:17

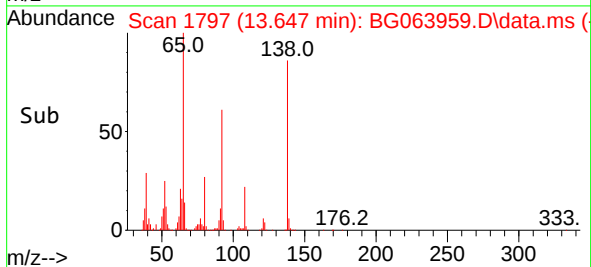
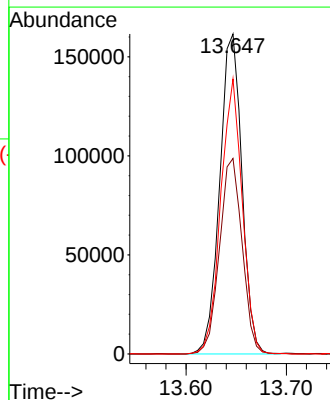
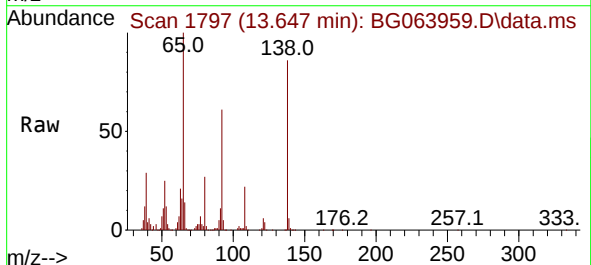
Tgt Ion: 65 Resp: 247701

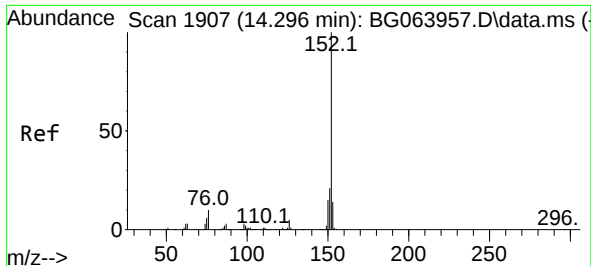
Ion Ratio Lower Upper

65 100

92 61.1 52.4 78.6

138 86.0 65.8 98.6

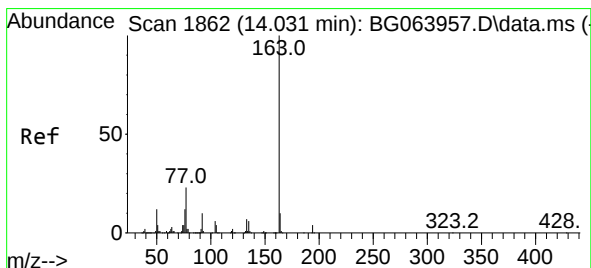
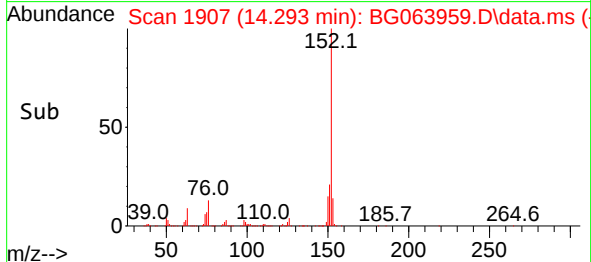
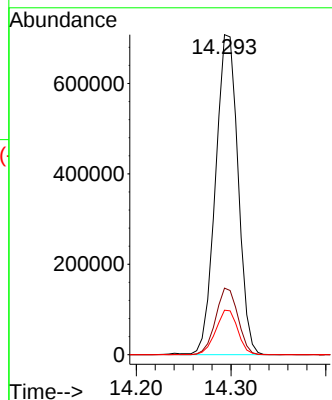
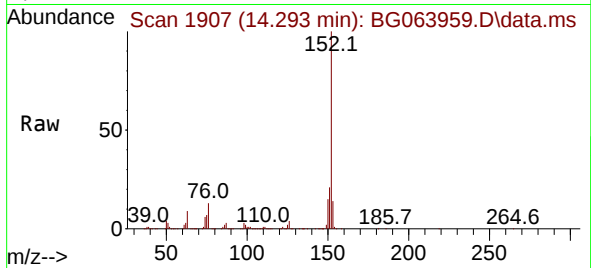




#49  
Acenaphthylene  
Concen: 58.313 ng  
RT: 14.293 min Scan# 1907  
Delta R.T. -0.005 min  
Lab File: BG063959.D  
Acq: 24 Jan 2025 16:17

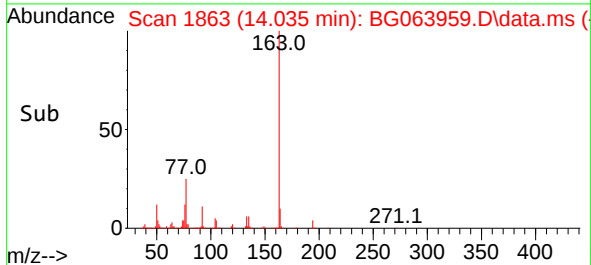
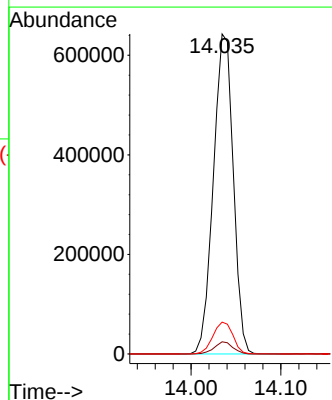
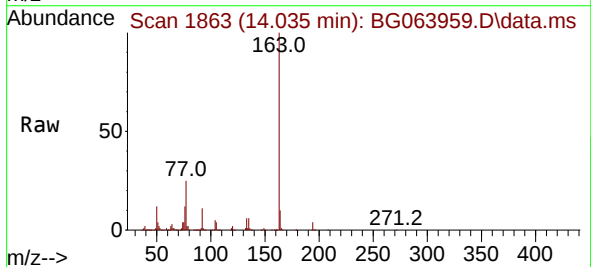
Instrument :  
BNA\_G  
ClientSampleId :  
SSTDICC060

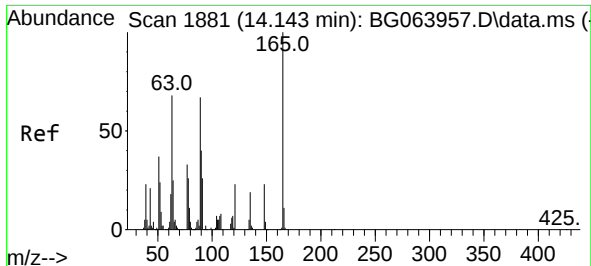
Tgt Ion:152 Resp: 1166646  
Ion Ratio Lower Upper  
152 100  
151 20.8 16.6 24.8  
153 13.9 11.2 16.8



#50  
Dimethylphthalate  
Concen: 58.652 ng  
RT: 14.035 min Scan# 1863  
Delta R.T. -0.004 min  
Lab File: BG063959.D  
Acq: 24 Jan 2025 16:17

Tgt Ion:163 Resp: 989256  
Ion Ratio Lower Upper  
163 100  
194 3.8 2.9 4.3  
164 9.9 8.1 12.1





#51

2,6-Dinitrotoluene

Concen: 60.956 ng

RT: 14.146 min Scan# 1881

Delta R.T. -0.005 min

Lab File: BG063959.D

Acq: 24 Jan 2025 16:17

Instrument :

BNA\_G

ClientSampleId :

SSTDICC060

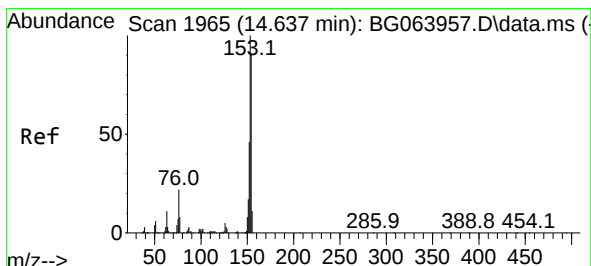
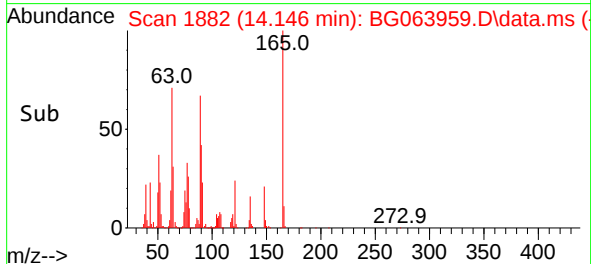
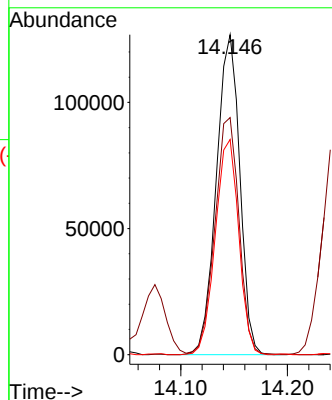
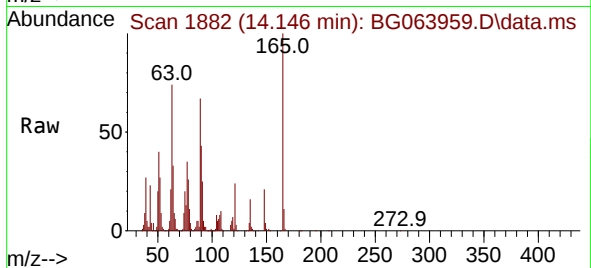
Tgt Ion:165 Resp: 193256

Ion Ratio Lower Upper

165 100

63 74.1 62.2 93.2

89 67.2 53.8 80.6



#52

Acenaphthene

Concen: 58.874 ng

RT: 14.640 min Scan# 1966

Delta R.T. 0.002 min

Lab File: BG063959.D

Acq: 24 Jan 2025 16:17

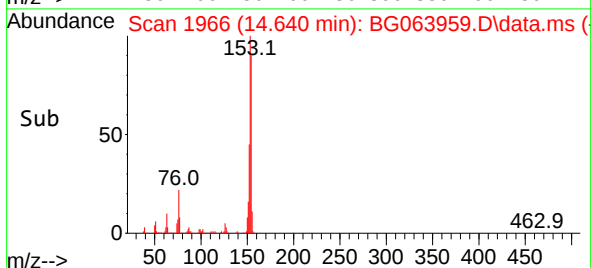
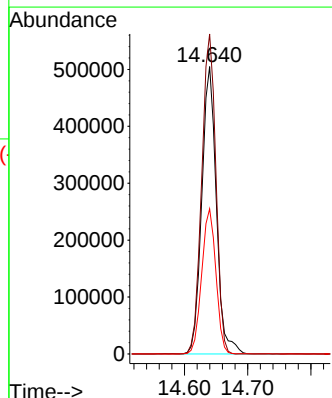
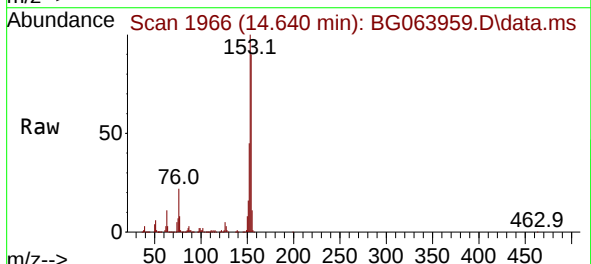
Tgt Ion:154 Resp: 811153

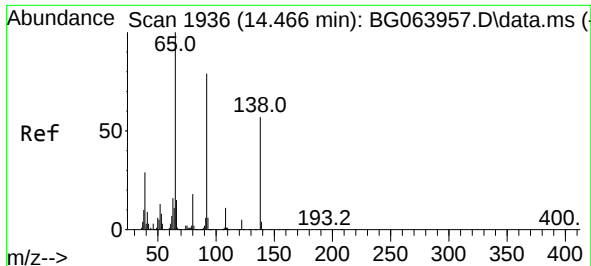
Ion Ratio Lower Upper

154 100

153 111.3 87.6 131.4

152 50.5 40.6 61.0

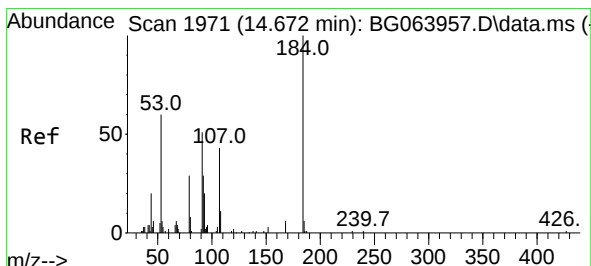
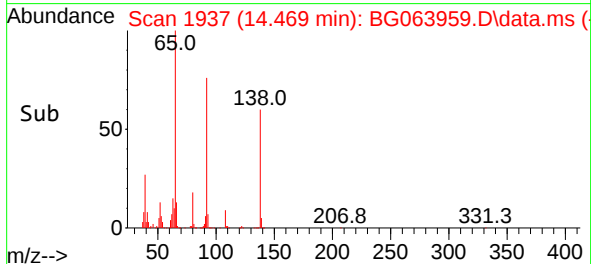
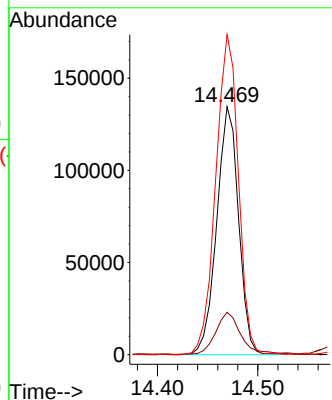
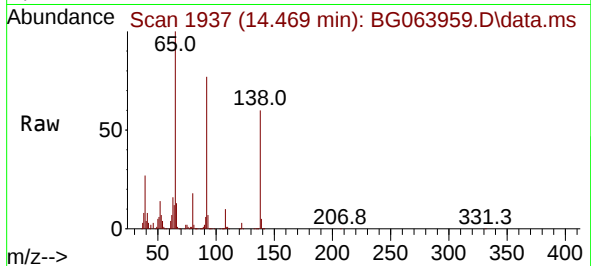




#53  
3-Nitroaniline  
Concen: 61.291 ng  
RT: 14.469 min Scan# 1936  
Delta R.T. -0.005 min  
Lab File: BG063959.D  
Acq: 24 Jan 2025 16:17

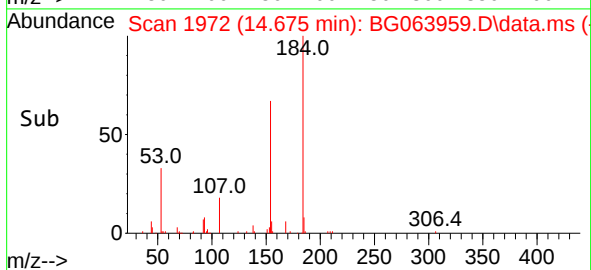
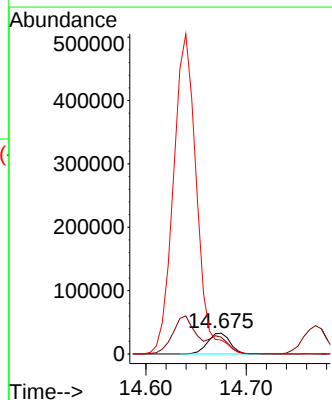
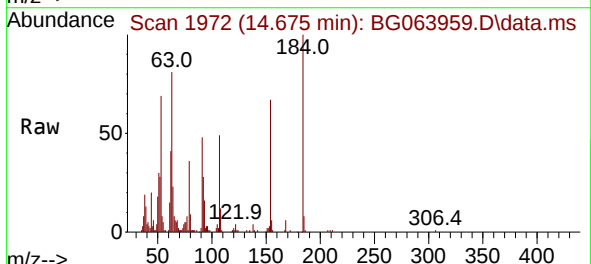
Instrument :  
BNA\_G  
ClientSampleId :  
SSTDICC060

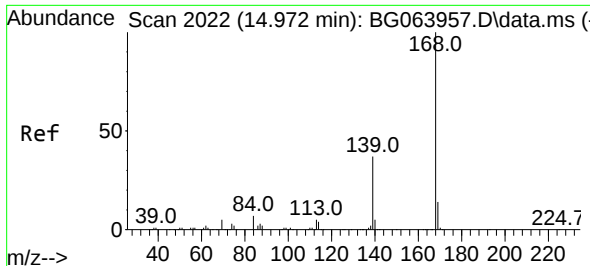
Tgt Ion:138 Resp: 203145  
Ion Ratio Lower Upper  
138 100  
108 17.1 16.5 24.7  
92 129.1 112.0 168.0



#54  
2,4-Dinitrophenol  
Concen: 61.611 ng  
RT: 14.675 min Scan# 1972  
Delta R.T. 0.001 min  
Lab File: BG063959.D  
Acq: 24 Jan 2025 16:17

Tgt Ion:184 Resp: 50974  
Ion Ratio Lower Upper  
184 100  
63 80.7 57.3 85.9  
154 67.2 49.3 73.9

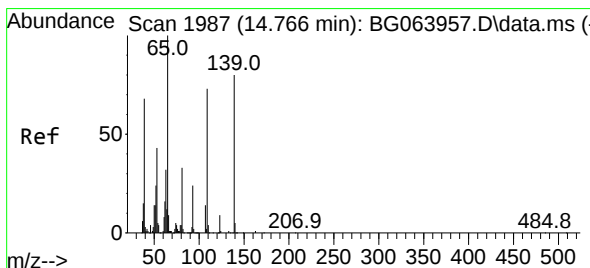
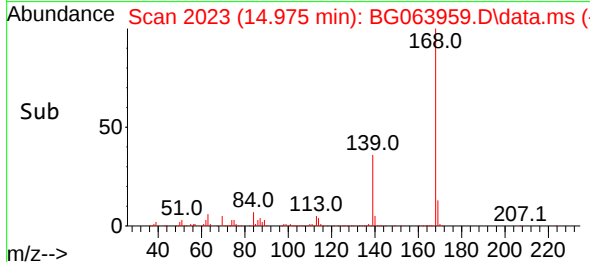
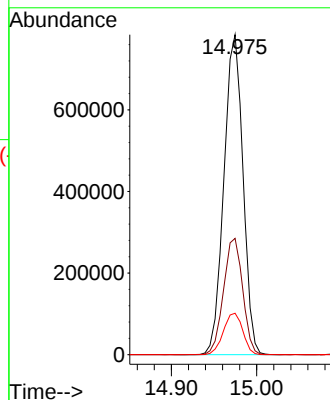
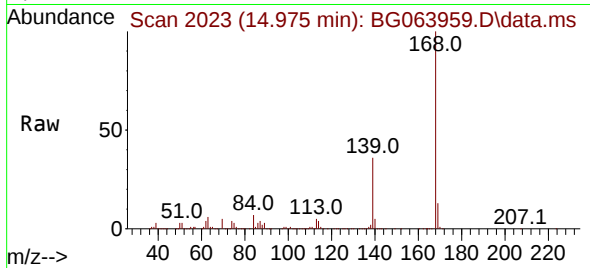




#55  
Dibenzofuran  
Concen: 57.805 ng  
RT: 14.975 min Scan# 20  
Delta R.T. 0.002 min  
Lab File: BG063959.D  
Acq: 24 Jan 2025 16:17

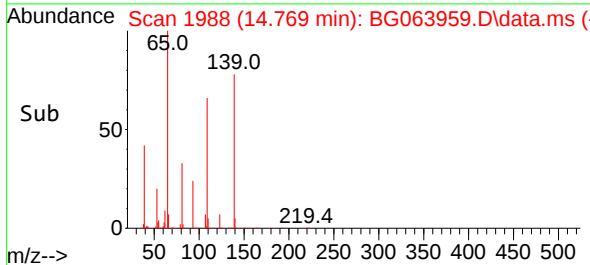
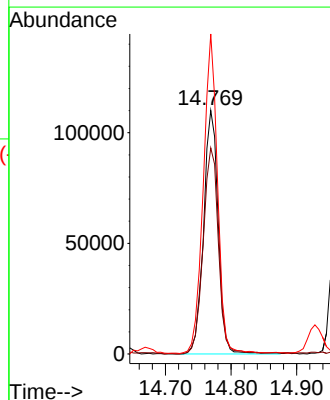
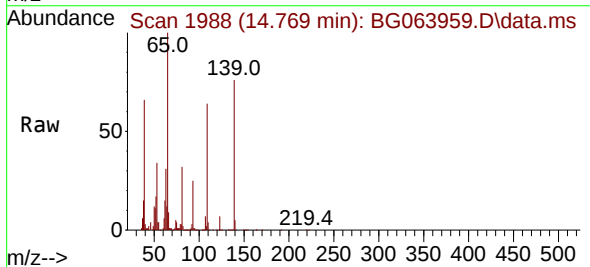
Instrument :  
BNA\_G  
ClientSampleId :  
SSTDICC060

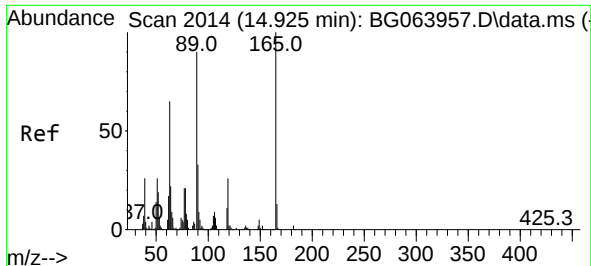
Tgt Ion:168 Resp: 1217623  
Ion Ratio Lower Upper  
168 100  
139 36.3 29.7 44.5  
169 12.9 10.9 16.3



#56  
4-Nitrophenol  
Concen: 59.662 ng  
RT: 14.769 min Scan# 1988  
Delta R.T. -0.005 min  
Lab File: BG063959.D  
Acq: 24 Jan 2025 16:17

Tgt Ion:139 Resp: 170754  
Ion Ratio Lower Upper  
139 100  
109 84.6 71.3 111.3  
65 131.4 105.8 145.8

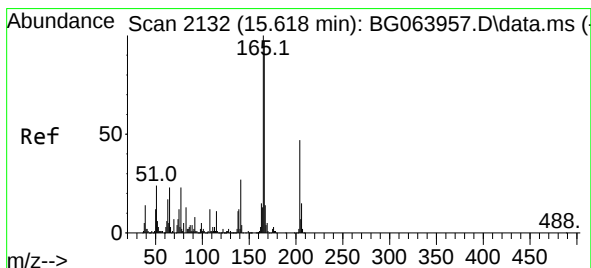
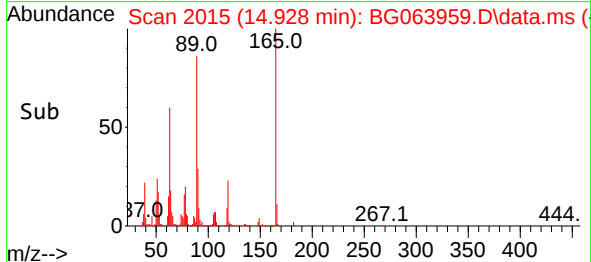
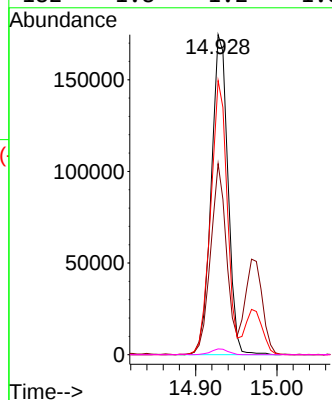
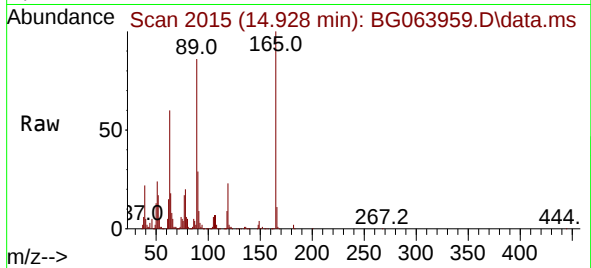




#57  
2,4-Dinitrotoluene  
Concen: 61.550 ng  
RT: 14.928 min Scan# 2015  
Delta R.T. -0.004 min  
Lab File: BG063959.D  
Acq: 24 Jan 2025 16:17

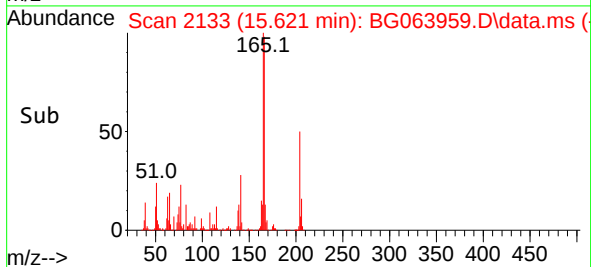
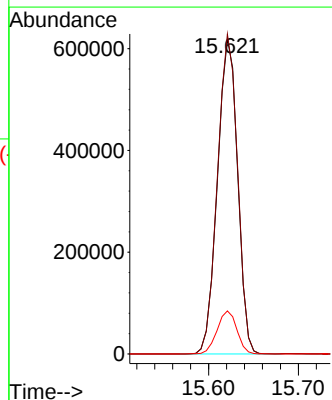
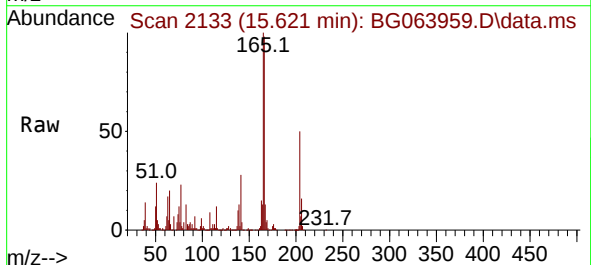
Instrument :  
BNA\_G  
ClientSampleId :  
SSTDICC060

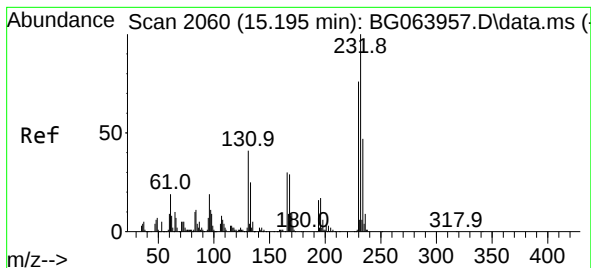
Tgt Ion:165 Resp: 248566  
Ion Ratio Lower Upper  
165 100  
63 59.7 51.9 77.9  
89 85.7 72.2 108.2  
182 1.8 1.2 1.8#



#58  
Fluorene  
Concen: 56.517 ng  
RT: 15.621 min Scan# 2133  
Delta R.T. -0.004 min  
Lab File: BG063959.D  
Acq: 24 Jan 2025 16:17

Tgt Ion:166 Resp: 966608  
Ion Ratio Lower Upper  
166 100  
165 101.6 82.6 124.0  
167 13.7 11.2 16.8

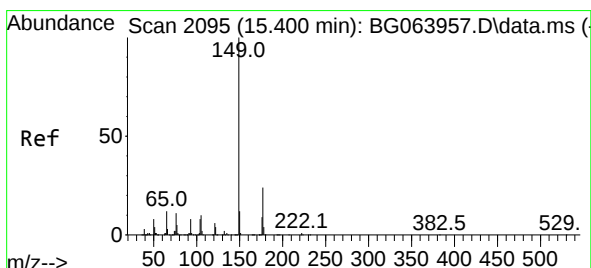
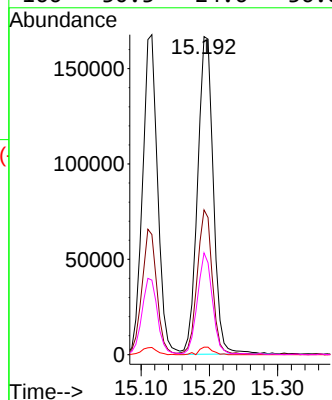
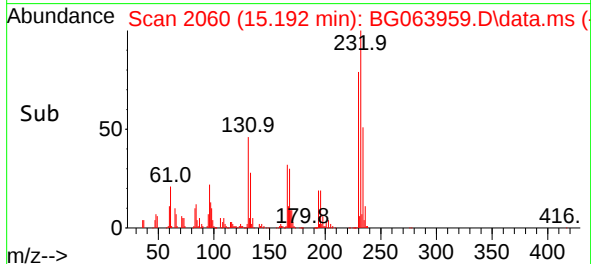
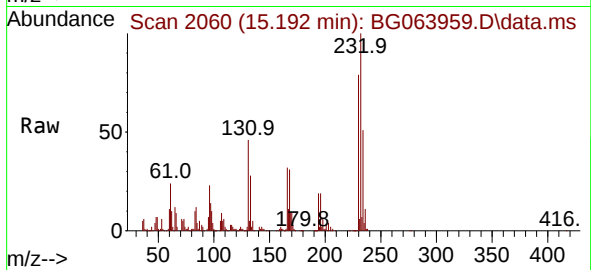




#59  
2,3,4,6-Tetrachlorophenol  
Concen: 65.085 ng  
RT: 15.192 min Scan# 2060  
Delta R.T. -0.005 min  
Lab File: BG063959.D  
Acq: 24 Jan 2025 16:17

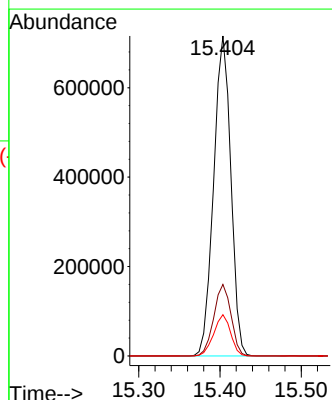
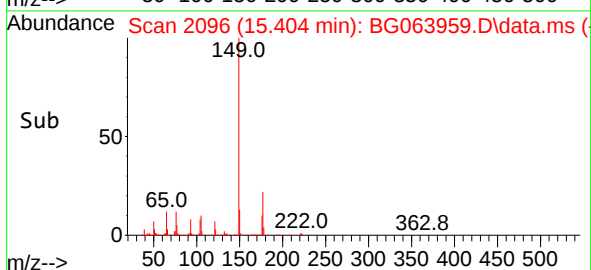
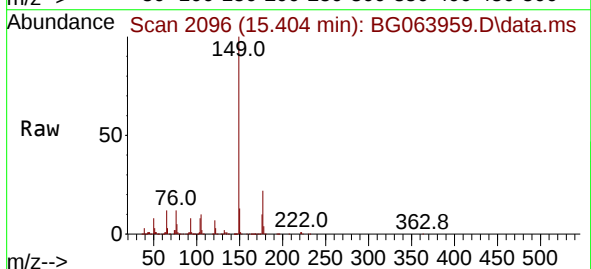
Instrument :  
BNA\_G  
ClientSampleId :  
SSTDICC060

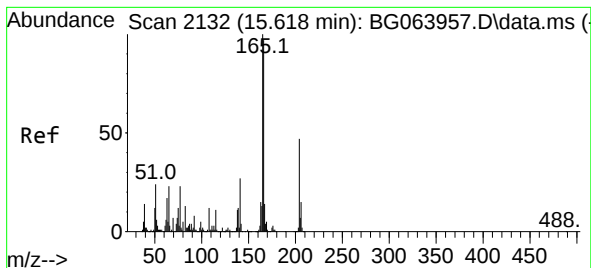
|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 232   | Resp: | 266159 |
| Ion      | Ratio | Lower | Upper  |
| 232      | 100   |       |        |
| 131      | 43.5  | 34.9  | 52.3   |
| 130      | 2.1   | 1.9   | 2.9    |
| 166      | 30.3  | 24.6  | 36.8   |



#60  
Diethylphthalate  
Concen: 58.313 ng  
RT: 15.404 min Scan# 2096  
Delta R.T. -0.004 min  
Lab File: BG063959.D  
Acq: 24 Jan 2025 16:17

|          |       |       |         |
|----------|-------|-------|---------|
| Tgt Ion: | 149   | Resp: | 1051489 |
| Ion      | Ratio | Lower | Upper   |
| 149      | 100   |       |         |
| 177      | 22.4  | 19.4  | 29.2    |
| 150      | 12.9  | 9.6   | 14.4    |

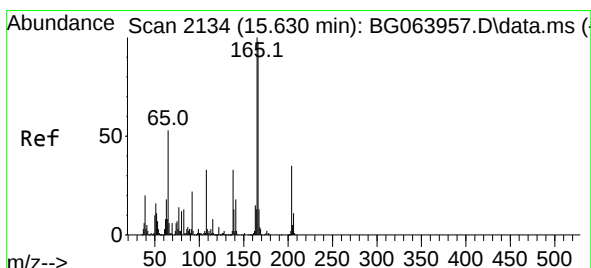
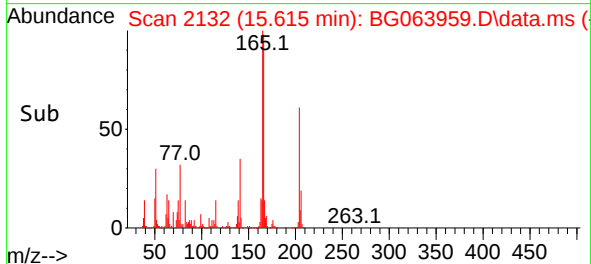
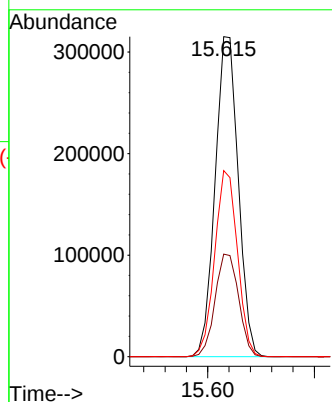
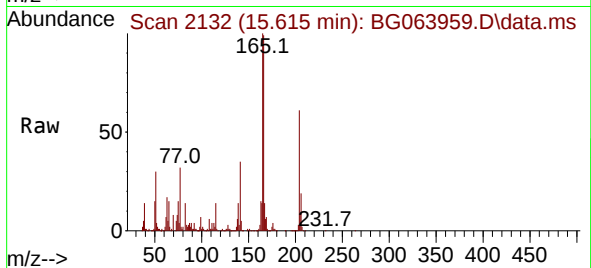




#61  
4-Chlorophenyl-phenylether  
Concen: 56.509 ng  
RT: 15.615 min Scan# 2132  
Delta R.T. -0.005 min  
Lab File: BG063959.D  
Acq: 24 Jan 2025 16:17

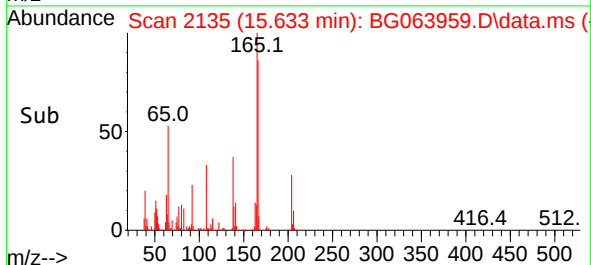
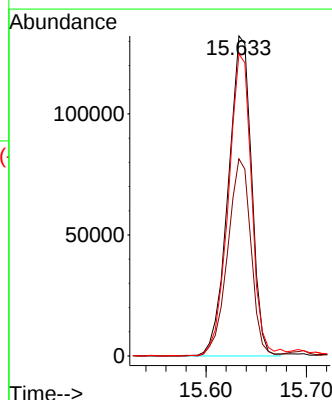
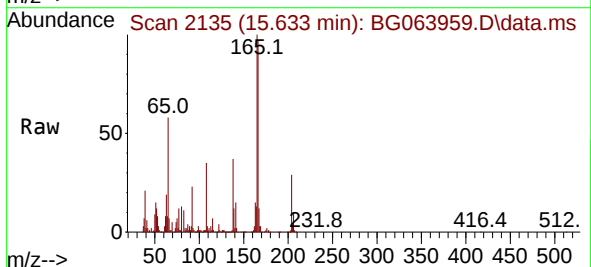
Instrument :  
BNA\_G  
ClientSampleId :  
SSTDICC060

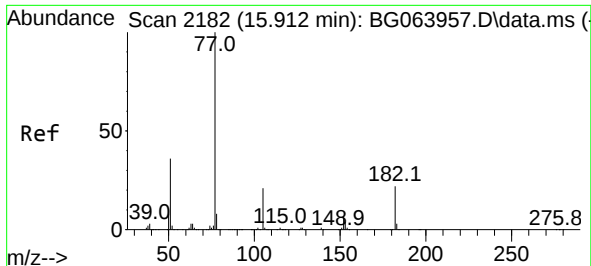
Tgt Ion:204 Resp: 474430  
Ion Ratio Lower Upper  
204 100  
206 32.0 25.7 38.5  
141 58.1 45.6 68.4



#62  
4-Nitroaniline  
Concen: 60.347 ng  
RT: 15.633 min Scan# 2135  
Delta R.T. -0.010 min  
Lab File: BG063959.D  
Acq: 24 Jan 2025 16:17

Tgt Ion:138 Resp: 213372  
Ion Ratio Lower Upper  
138 100  
92 61.6 45.1 85.1  
108 94.4 80.1 120.1



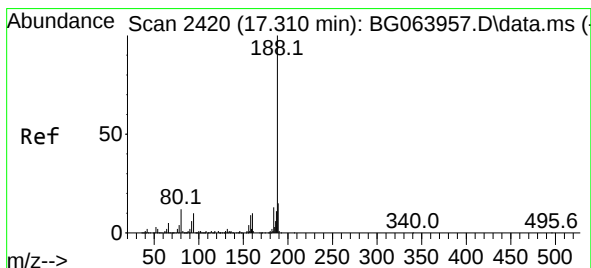
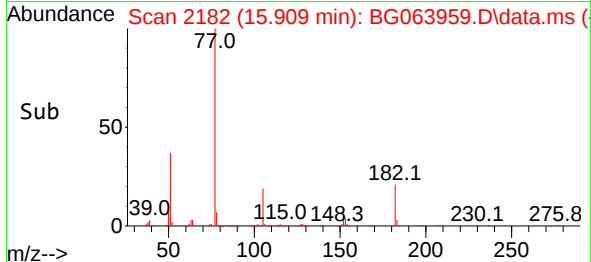
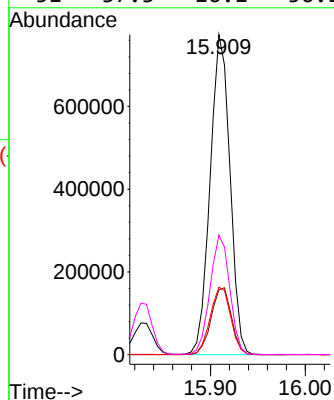
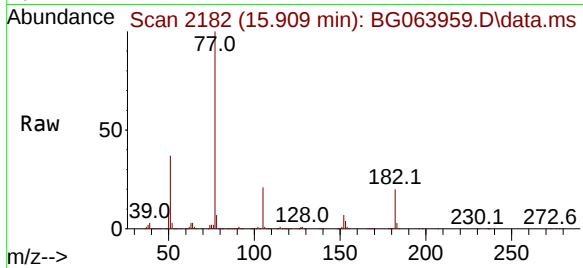


#63  
Azobenzene  
Concen: 57.887 ng  
RT: 15.909 min Scan# 2182  
Delta R.T. -0.004 min  
Lab File: BG063959.D  
Acq: 24 Jan 2025 16:17

Instrument :  
BNA\_G  
ClientSampleId :  
SSTDICC060

Tgt Ion: 77 Resp: 1122627

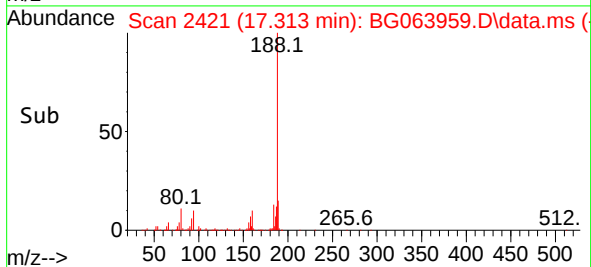
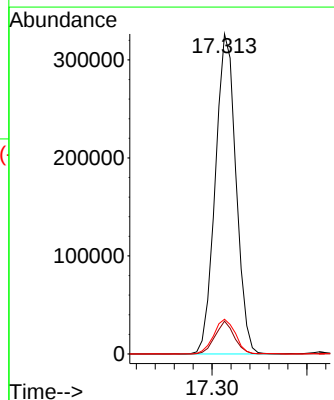
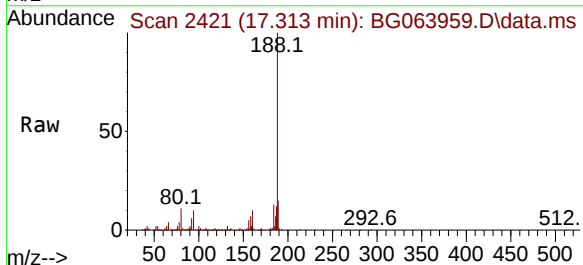
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 77  | 100   |       |       |
| 182 | 20.3  | 1.9   | 41.9  |
| 105 | 21.1  | 0.8   | 40.8  |
| 51  | 37.3  | 16.1  | 56.1  |

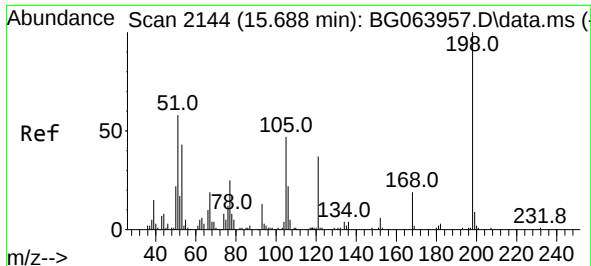


#64  
Phenanthrene-d10  
Concen: 20.000 ng  
RT: 17.313 min Scan# 2421  
Delta R.T. -0.005 min  
Lab File: BG063959.D  
Acq: 24 Jan 2025 16:17

Tgt Ion: 188 Resp: 495105

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 188 | 100   |       |       |
| 94  | 10.3  | 8.4   | 12.6  |
| 80  | 10.9  | 9.8   | 14.6  |

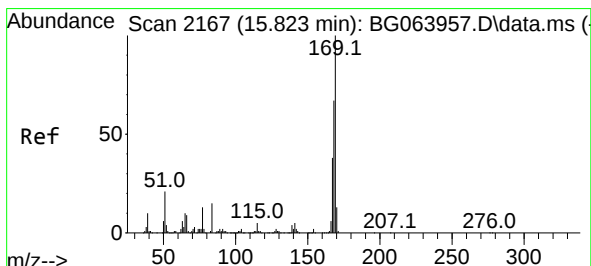
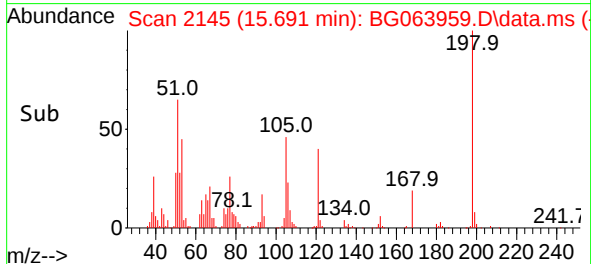
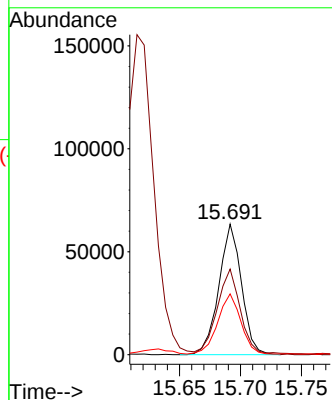
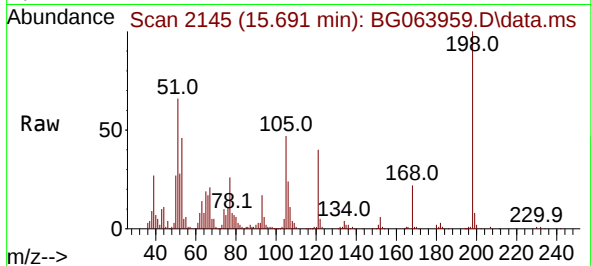




#65  
4,6-Dinitro-2-methylphenol  
Concen: 59.654 ng  
RT: 15.691 min Scan# 2145  
Delta R.T. -0.005 min  
Lab File: BG063959.D  
Acq: 24 Jan 2025 16:17

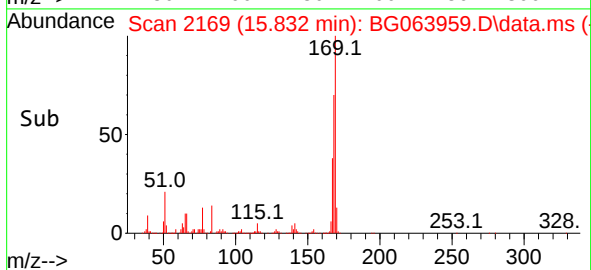
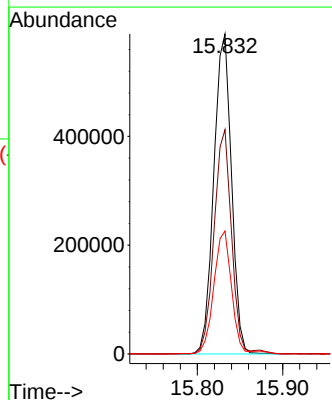
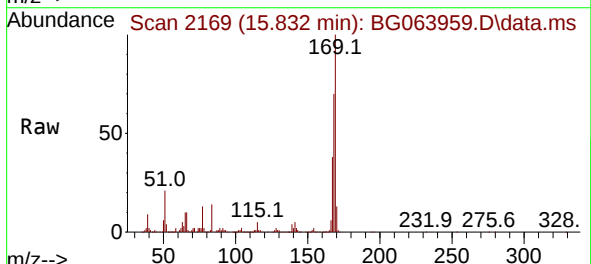
Instrument :  
BNA\_G  
ClientSampleId :  
SSTDICC060

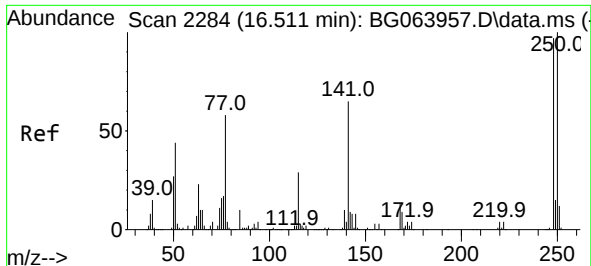
Tgt Ion:198 Resp: 81796  
Ion Ratio Lower Upper  
198 100  
51 65.5 43.0 83.0  
105 46.6 28.9 68.9



#66  
n-Nitrosodiphenylamine  
Concen: 57.672 ng  
RT: 15.832 min Scan# 2169  
Delta R.T. 0.001 min  
Lab File: BG063959.D  
Acq: 24 Jan 2025 16:17

Tgt Ion:169 Resp: 846384  
Ion Ratio Lower Upper  
169 100  
168 70.1 54.0 81.0  
167 38.5 30.9 46.3

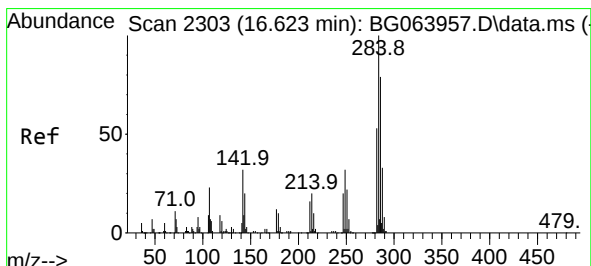
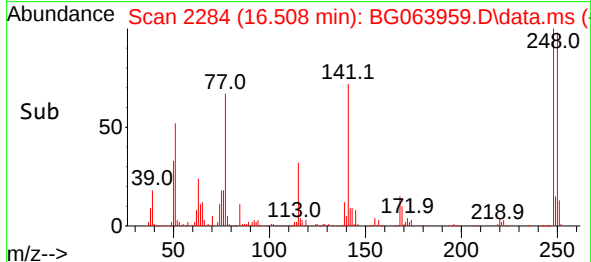
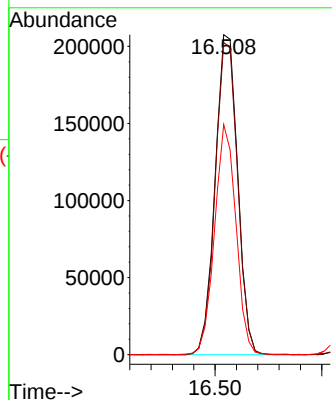
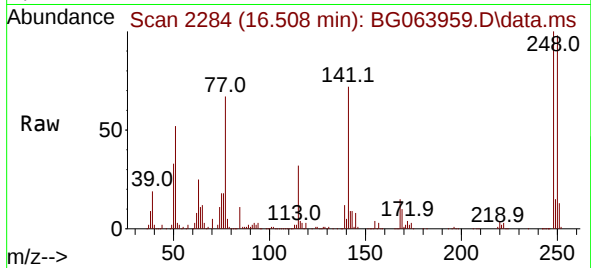




#67  
4-Bromophenyl-phenylether  
Concen: 59.098 ng  
RT: 16.508 min Scan# 21  
Delta R.T. -0.005 min  
Lab File: BG063959.D  
Acq: 24 Jan 2025 16:17

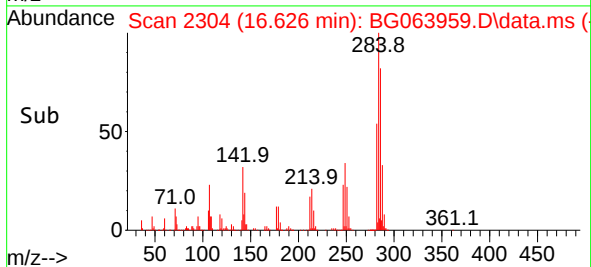
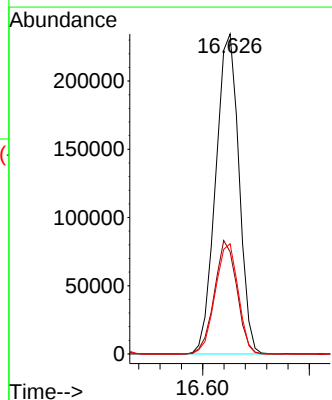
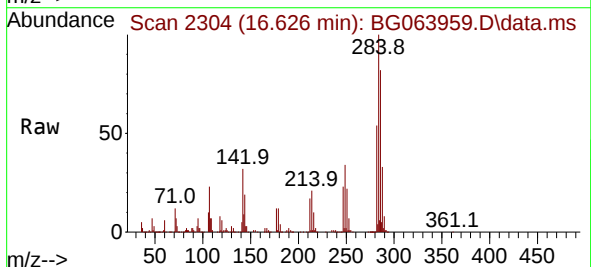
Instrument :  
BNA\_G  
ClientSampleId :  
SSTDICC060

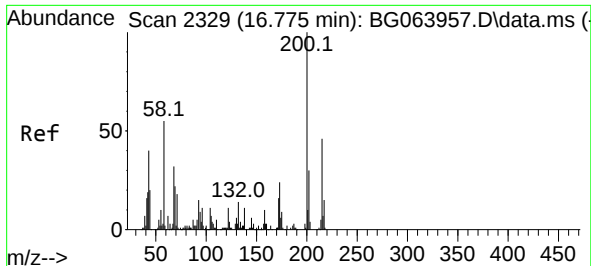
Tgt Ion:248 Resp: 303652  
Ion Ratio Lower Upper  
248 100  
250 97.6 82.2 123.2  
141 71.9 53.2 79.8



#68  
Hexachlorobenzene  
Concen: 58.310 ng  
RT: 16.626 min Scan# 2304  
Delta R.T. 0.002 min  
Lab File: BG063959.D  
Acq: 24 Jan 2025 16:17

Tgt Ion:284 Resp: 354677  
Ion Ratio Lower Upper  
284 100  
142 31.9 25.9 38.9  
249 34.4 25.4 38.2

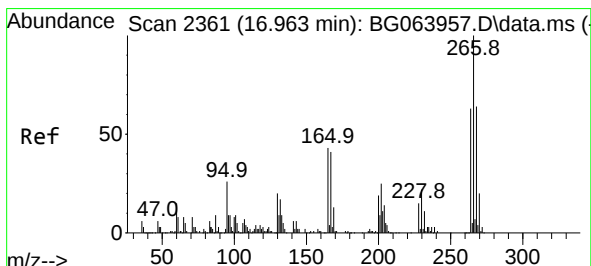
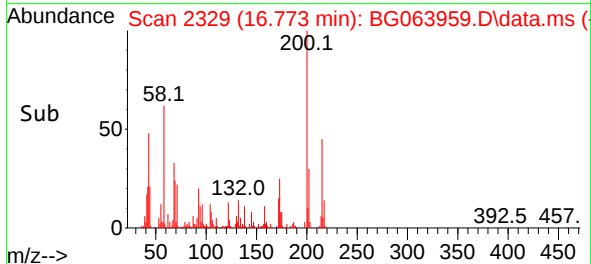
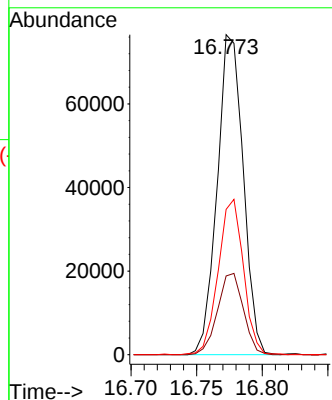
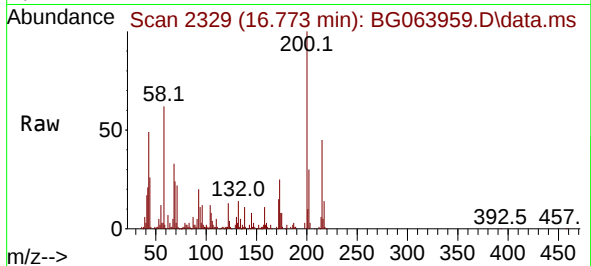




#69  
Atrazine  
Concen: 49.775 ng  
RT: 16.773 min Scan# 21  
Delta R.T. -0.005 min  
Lab File: BG063959.D  
Acq: 24 Jan 2025 16:17

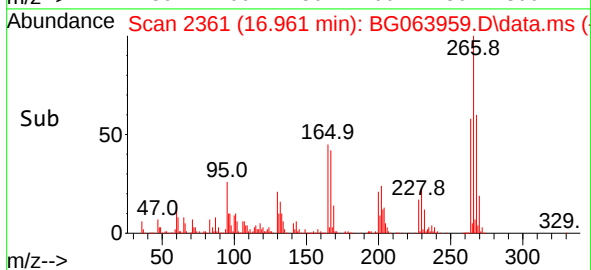
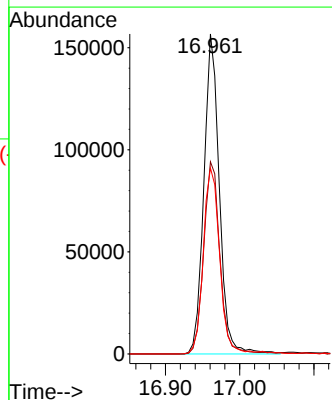
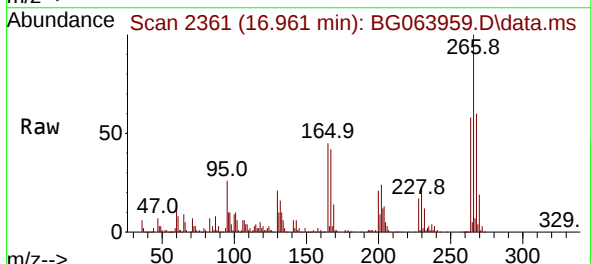
Instrument :  
BNA\_G  
ClientSampleId :  
SSTDICC060

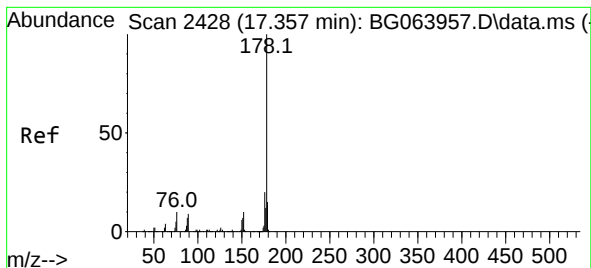
Tgt Ion:200 Resp: 105563  
Ion Ratio Lower Upper  
200 100  
173 24.6 4.0 44.0  
215 45.4 25.7 65.7



#70  
Pentachlorophenol  
Concen: 63.972 ng  
RT: 16.961 min Scan# 2361  
Delta R.T. -0.004 min  
Lab File: BG063959.D  
Acq: 24 Jan 2025 16:17

Tgt Ion:266 Resp: 227886  
Ion Ratio Lower Upper  
266 100  
268 60.1 51.4 77.2  
264 58.1 50.1 75.1





#71

Phenanthrene

Concen: 56.531 ng

RT: 17.360 min Scan# 2428

Delta R.T. 0.001 min

Lab File: BG063959.D

Acq: 24 Jan 2025 16:17

Instrument :

BNA\_G

ClientSampleId :

SSTDICC060

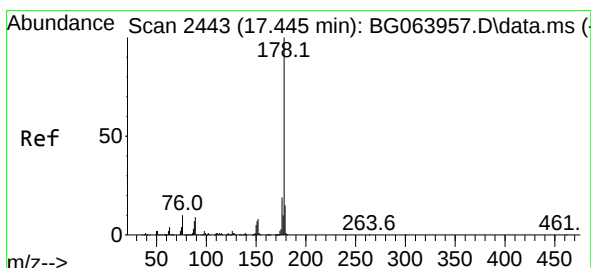
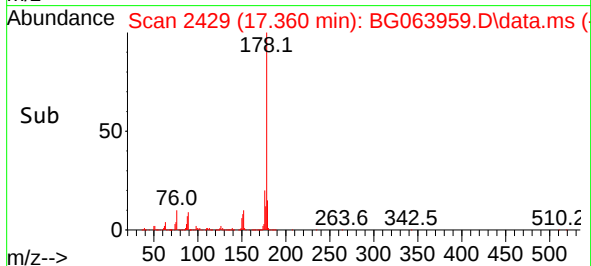
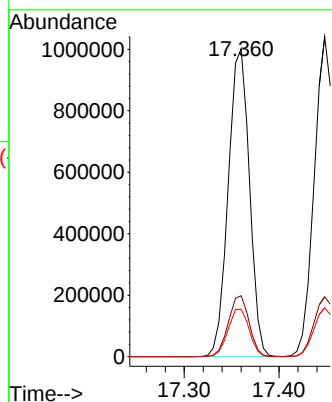
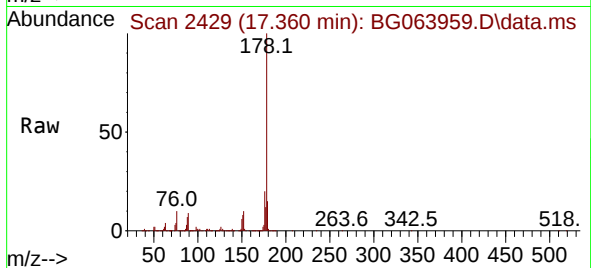
Tgt Ion:178 Resp: 1555043

Ion Ratio Lower Upper

178 100

176 19.8 16.2 24.2

179 15.4 12.2 18.4



#72

Anthracene

Concen: 57.823 ng

RT: 17.448 min Scan# 2444

Delta R.T. -0.005 min

Lab File: BG063959.D

Acq: 24 Jan 2025 16:17

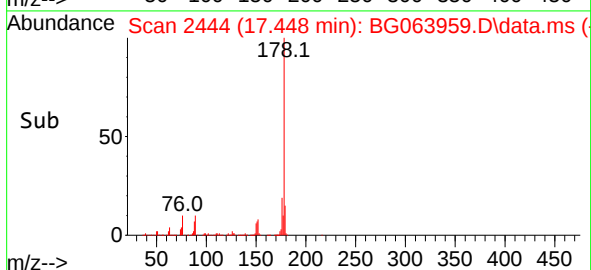
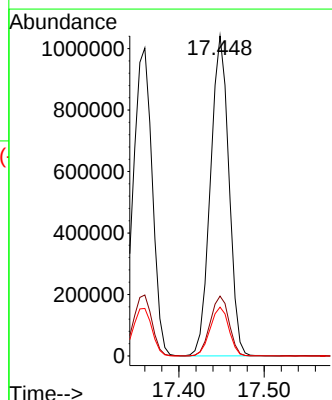
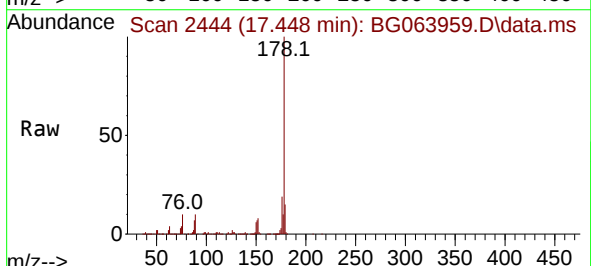
Tgt Ion:178 Resp: 1560125

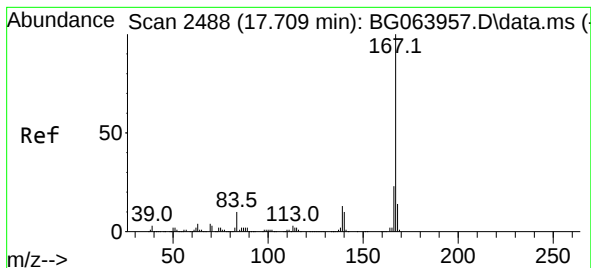
Ion Ratio Lower Upper

178 100

176 18.7 15.4 23.2

179 15.3 12.1 18.1





#73

Carbazole

Concen: 56.490 ng

RT: 17.713 min Scan# 2488

Delta R.T. -0.004 min

Lab File: BG063959.D

Acq: 24 Jan 2025 16:17

Instrument :

BNA\_G

ClientSampleId :

SSTDICC060

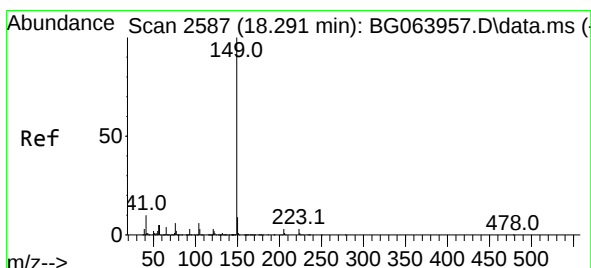
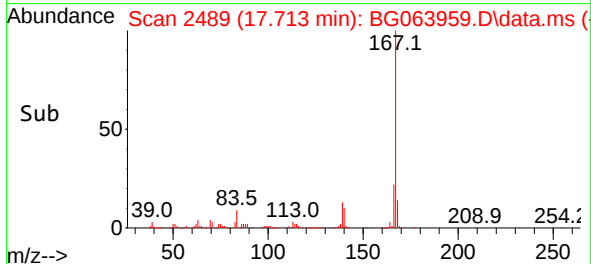
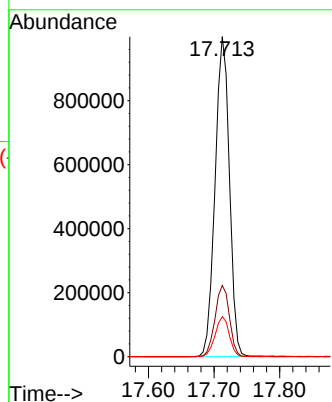
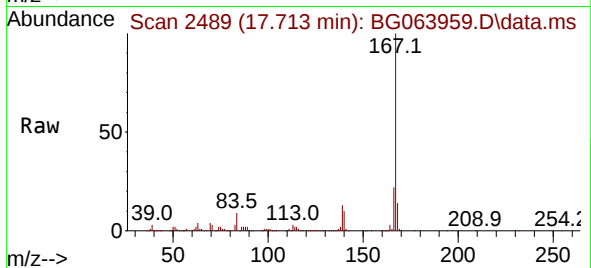
Tgt Ion:167 Resp: 1512688

Ion Ratio Lower Upper

167 100

166 22.3 18.6 27.8

139 12.5 10.3 15.5



#74

Di-n-butylphthalate

Concen: 57.345 ng

RT: 18.294 min Scan# 2588

Delta R.T. 0.001 min

Lab File: BG063959.D

Acq: 24 Jan 2025 16:17

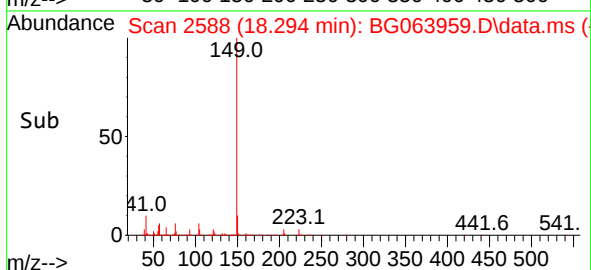
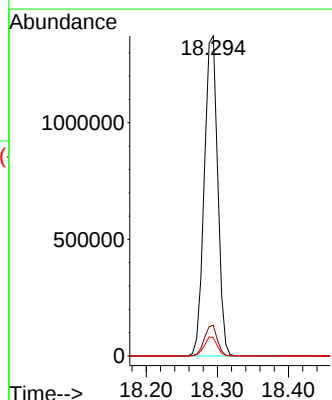
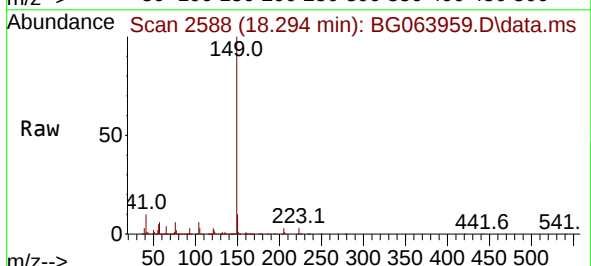
Tgt Ion:149 Resp: 1807066

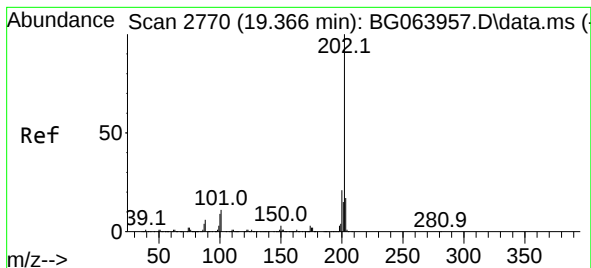
Ion Ratio Lower Upper

149 100

150 9.6 7.2 10.8

104 5.7 4.4 6.6





#75

Fluoranthene

Concen: 55.703 ng

RT: 19.364 min Scan# 21

Delta R.T. -0.004 min

Lab File: BG063959.D

Acq: 24 Jan 2025 16:17

Instrument :

BNA\_G

ClientSampleId :

SSTDICC060

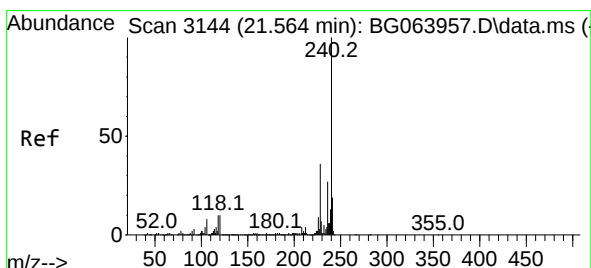
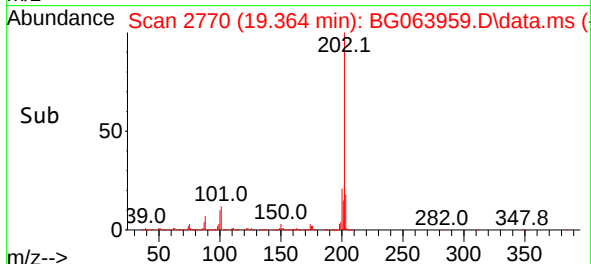
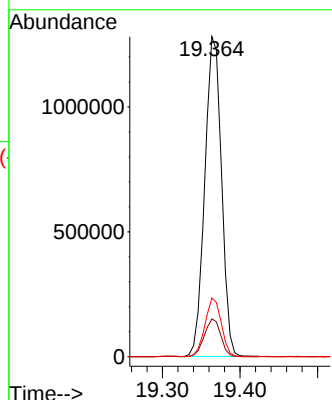
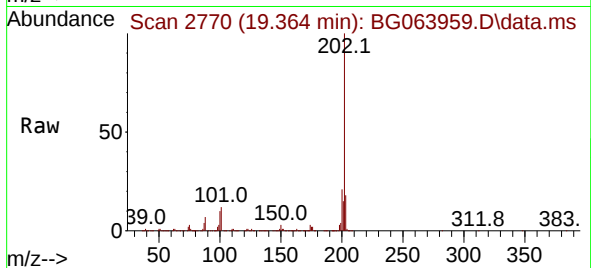
Tgt Ion:202 Resp: 1917141

Ion Ratio Lower Upper

202 100

101 11.8 0.0 31.4

203 18.4 0.0 37.2



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.567 min Scan# 3145

Delta R.T. 0.001 min

Lab File: BG063959.D

Acq: 24 Jan 2025 16:17

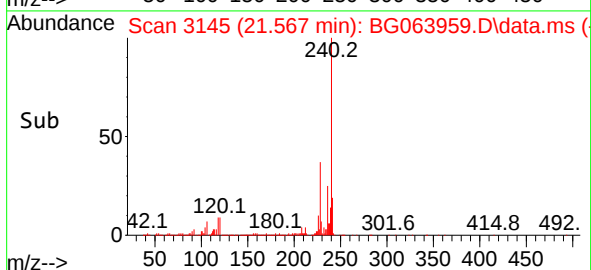
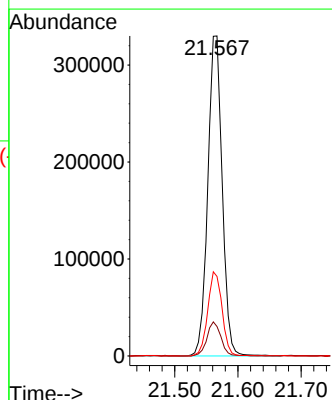
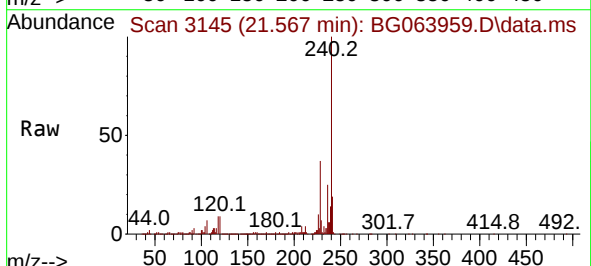
Tgt Ion:240 Resp: 521374

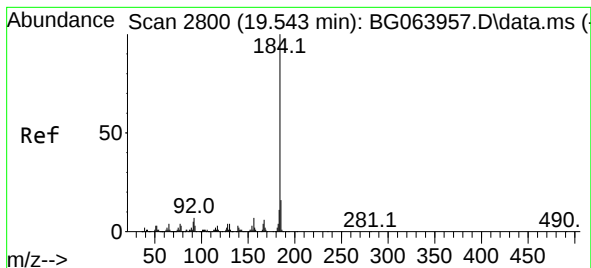
Ion Ratio Lower Upper

240 100

120 9.2 7.8 11.6

236 24.9 21.3 31.9





#77

Benzidine

Concen: 51.968 ng

RT: 19.546 min Scan# 2800

Delta R.T. -0.004 min

Lab File: BG063959.D

Acq: 24 Jan 2025 16:17

Instrument :

BNA\_G

ClientSampleId :

SSTDICC060

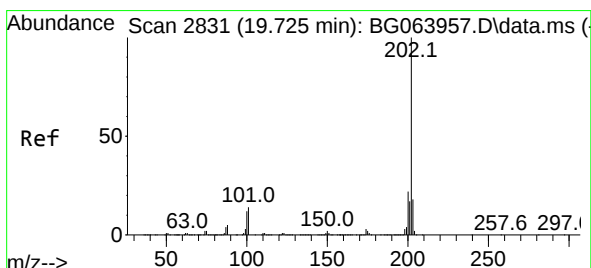
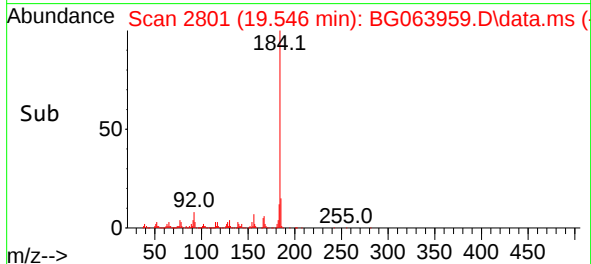
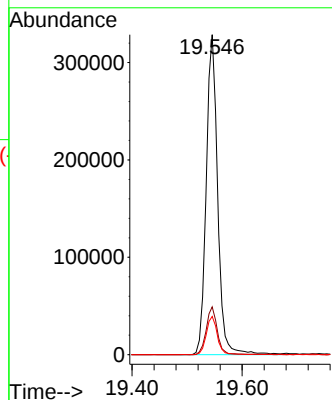
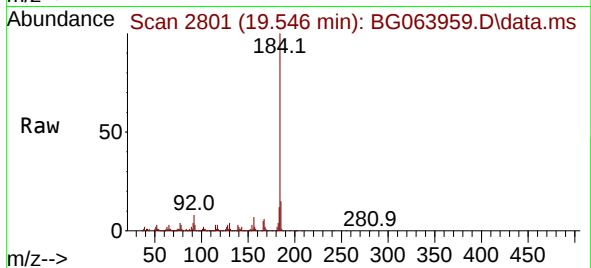
Tgt Ion:184 Resp: 473222

Ion Ratio Lower Upper

184 100

185 15.0 12.6 18.8

183 12.0 8.8 13.2



#78

Pyrene

Concen: 56.992 ng

RT: 19.728 min Scan# 2832

Delta R.T. 0.001 min

Lab File: BG063959.D

Acq: 24 Jan 2025 16:17

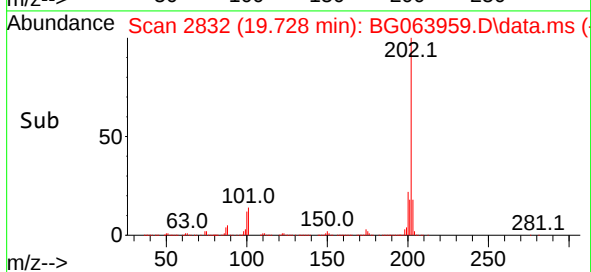
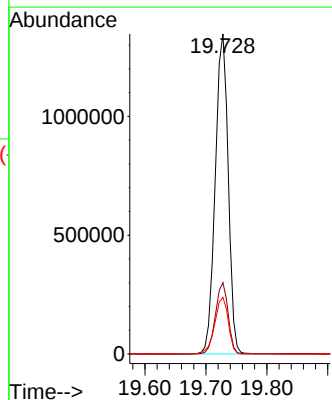
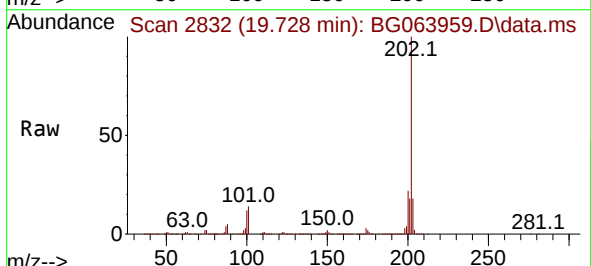
Tgt Ion:202 Resp: 1988127

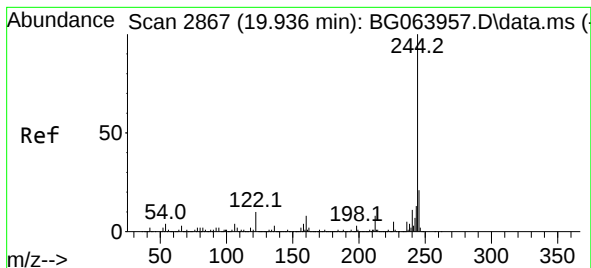
Ion Ratio Lower Upper

202 100

200 22.3 17.2 25.8

203 17.7 14.2 21.2





#79

Terphenyl-d14

Concen: 109.059 ng

RT: 19.933 min Scan# 2867

Delta R.T. -0.005 min

Lab File: BG063959.D

Acq: 24 Jan 2025 16:17

Instrument :

BNA\_G

ClientSampleId :

SSTDICC060

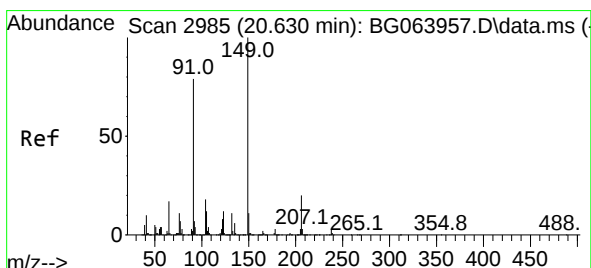
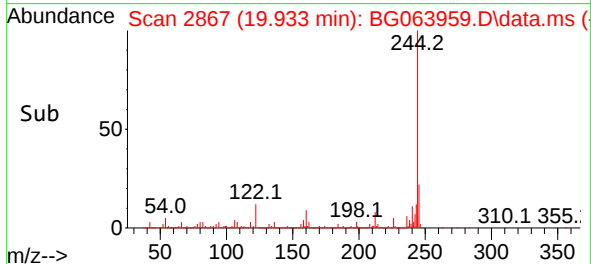
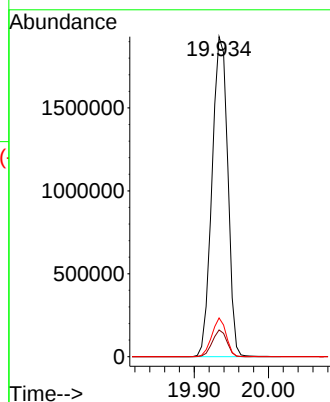
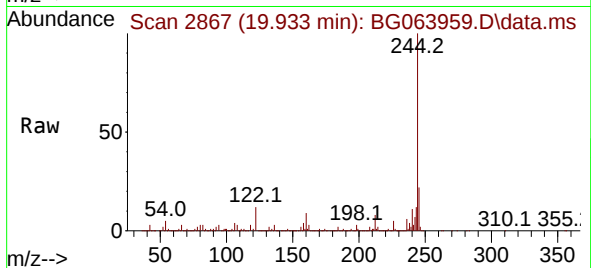
Tgt Ion:244 Resp: 2845278

Ion Ratio Lower Upper

244 100

212 8.4 6.0 9.0

122 12.1 8.2 12.4



#80

Butylbenzylphthalate

Concen: 61.963 ng

RT: 20.627 min Scan# 2985

Delta R.T. -0.004 min

Lab File: BG063959.D

Acq: 24 Jan 2025 16:17

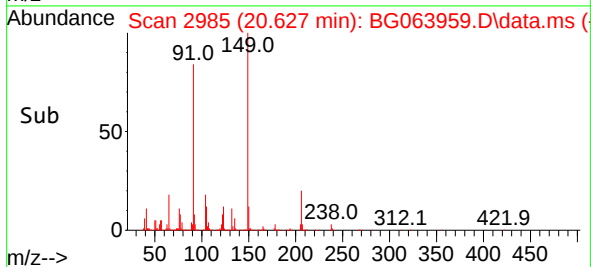
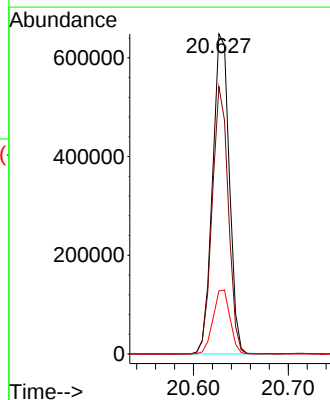
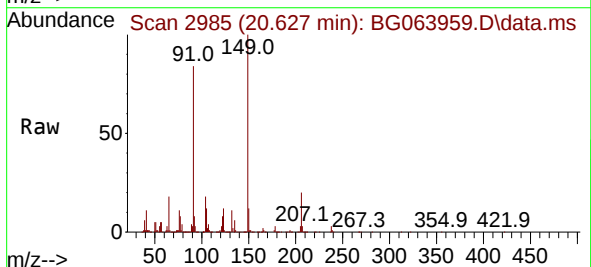
Tgt Ion:149 Resp: 797609

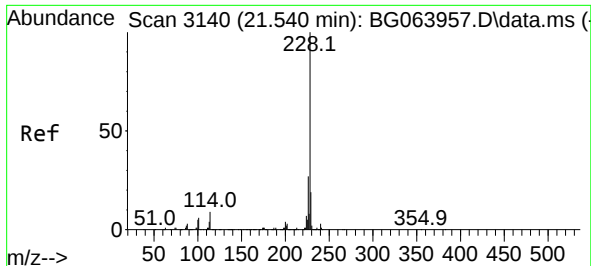
Ion Ratio Lower Upper

149 100

91 83.6 63.0 94.4

206 19.7 15.8 23.6

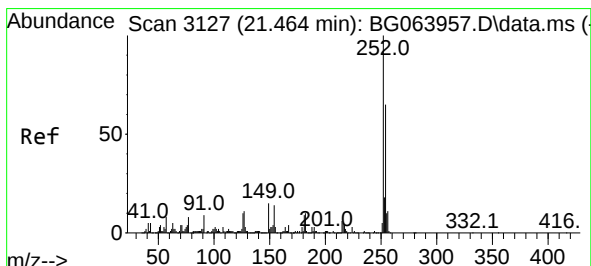
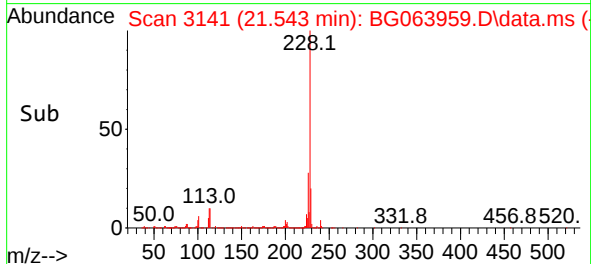
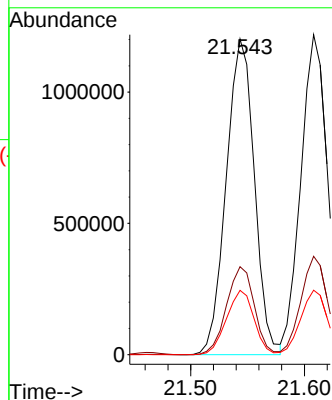
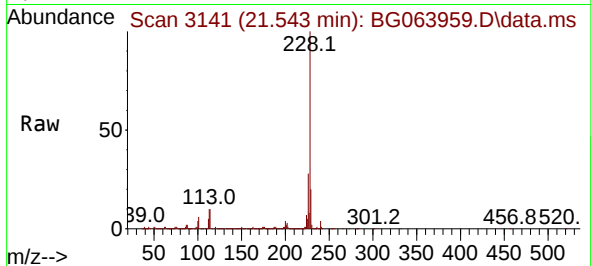




#81  
Benzo(a)anthracene  
Concen: 57.868 ng  
RT: 21.543 min Scan# 3141  
Delta R.T. -0.005 min  
Lab File: BG063959.D  
Acq: 24 Jan 2025 16:17

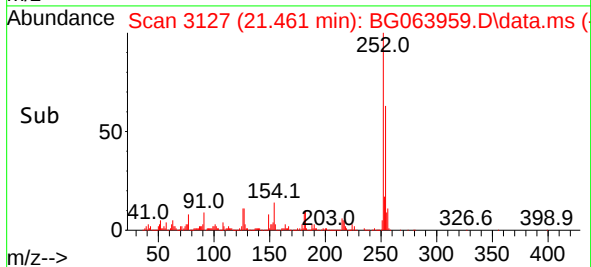
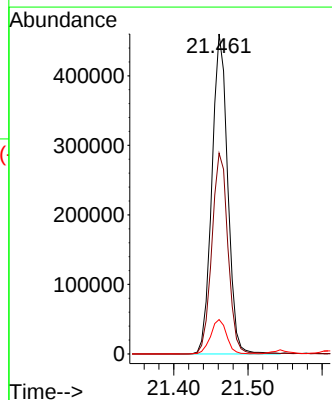
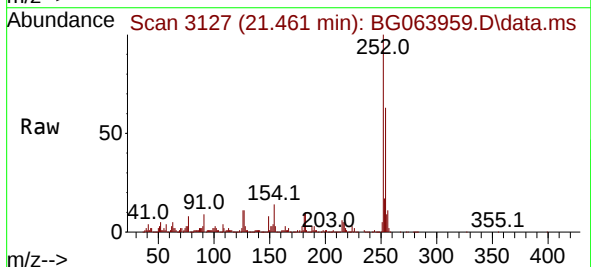
Instrument :  
BNA\_G  
ClientSampleId :  
SSTDICC060

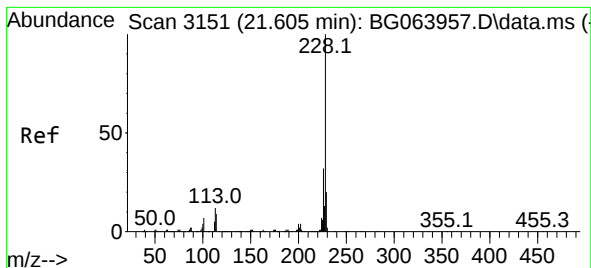
Tgt Ion:228 Resp: 2068856  
Ion Ratio Lower Upper  
228 100  
226 27.9 21.8 32.6  
229 20.4 15.3 22.9



#82  
3,3'-Dichlorobenzidine  
Concen: 58.932 ng  
RT: 21.461 min Scan# 3127  
Delta R.T. -0.005 min  
Lab File: BG063959.D  
Acq: 24 Jan 2025 16:17

Tgt Ion:252 Resp: 679998  
Ion Ratio Lower Upper  
252 100  
254 62.8 52.2 78.2  
126 10.8 7.9 11.9





#83

Chrysene

Concen: 57.518 ng

RT: 21.608 min Scan# 3151

Delta R.T. -0.005 min

Lab File: BG063959.D

Acq: 24 Jan 2025 16:17

Instrument :

BNA\_G

ClientSampleId :

SSTDICC060

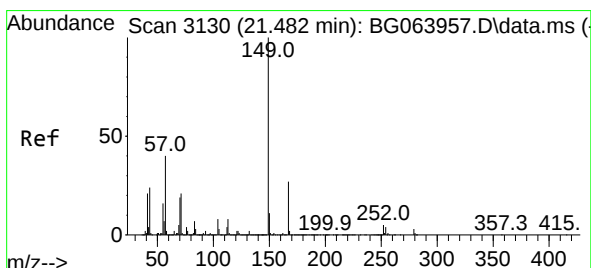
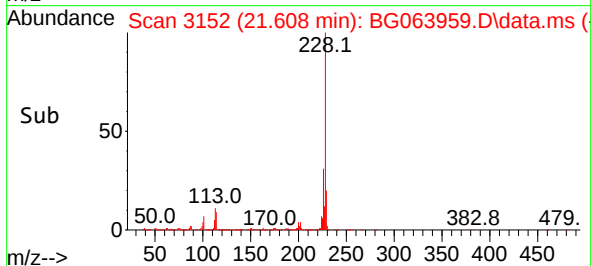
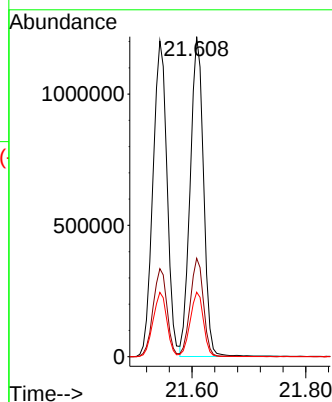
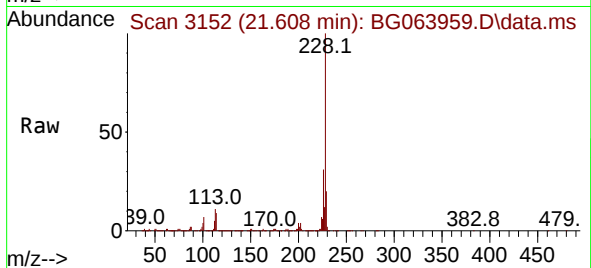
Tgt Ion:228 Resp: 1986671

Ion Ratio Lower Upper

228 100

226 30.8 25.3 37.9

229 20.1 16.3 24.5



#84

Bis(2-ethylhexyl)phthalate

Concen: 59.854 ng

RT: 21.485 min Scan# 3131

Delta R.T. 0.002 min

Lab File: BG063959.D

Acq: 24 Jan 2025 16:17

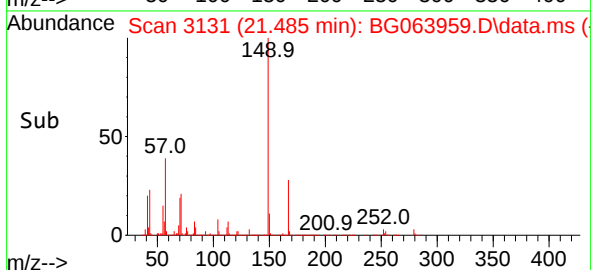
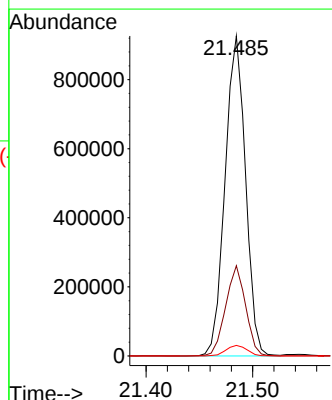
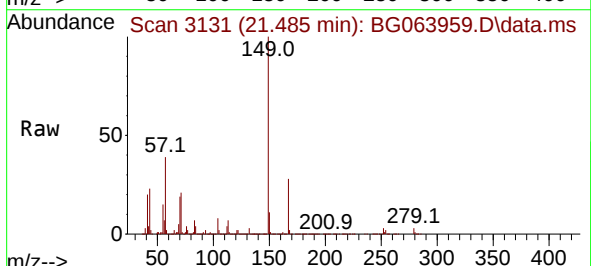
Tgt Ion:149 Resp: 1234730

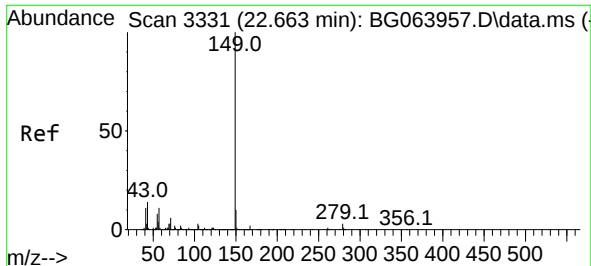
Ion Ratio Lower Upper

149 100

167 28.2 21.4 32.0

279 3.3 2.8 4.2

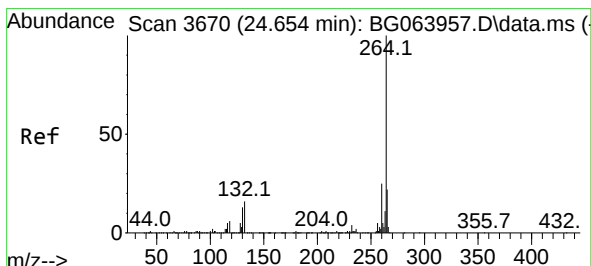
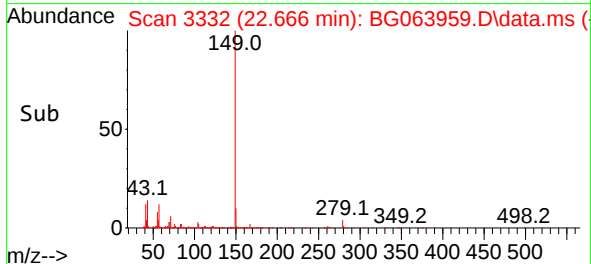
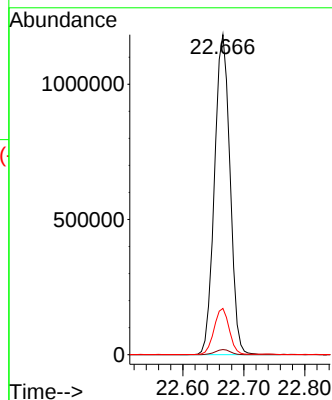
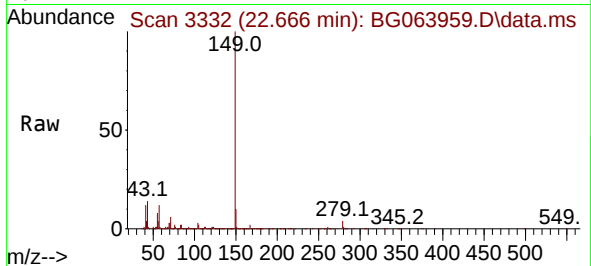




#85  
Di-n-octyl phthalate  
Concen: 61.767 ng  
RT: 22.666 min Scan# 31  
Delta R.T. 0.002 min  
Lab File: BG063959.D  
Acq: 24 Jan 2025 16:17

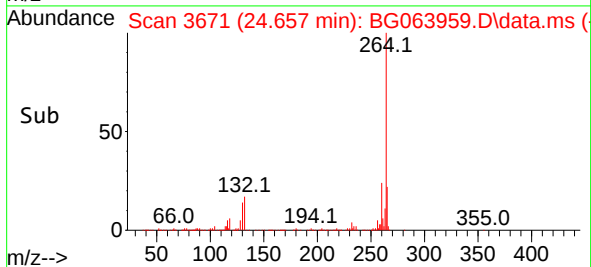
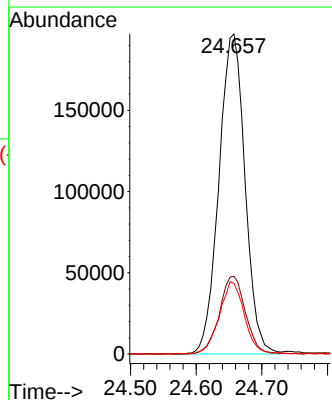
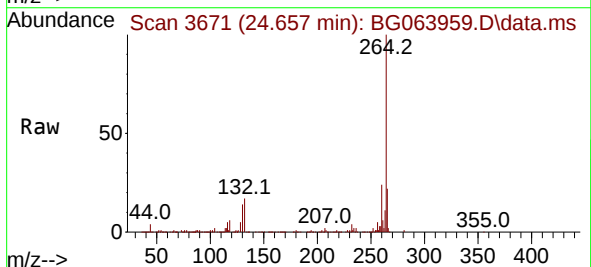
Instrument :  
BNA\_G  
ClientSampleId :  
SSTDICC060

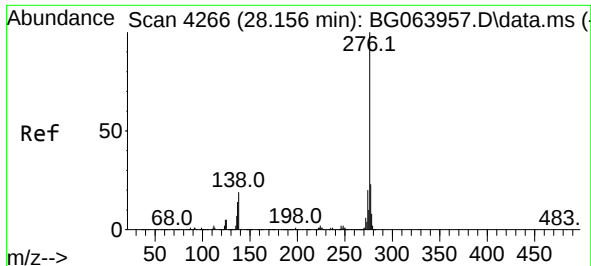
Tgt Ion:149 Resp: 2093395  
Ion Ratio Lower Upper  
149 100  
167 1.6 1.3 1.9  
43 14.1 11.3 16.9



#86  
Perylene-d12  
Concen: 20.000 ng  
RT: 24.657 min Scan# 3671  
Delta R.T. 0.001 min  
Lab File: BG063959.D  
Acq: 24 Jan 2025 16:17

Tgt Ion:264 Resp: 543114  
Ion Ratio Lower Upper  
264 100  
260 24.2 20.1 30.1  
265 22.0 17.8 26.8

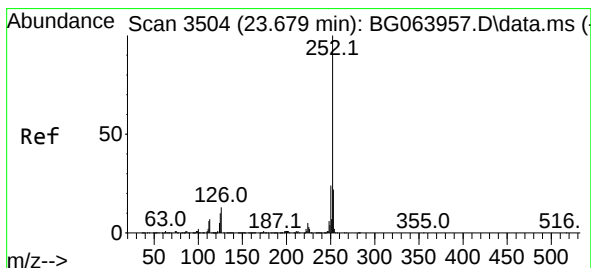
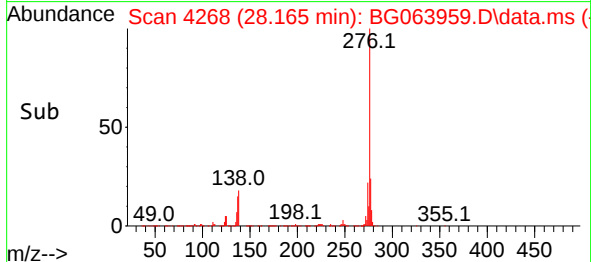
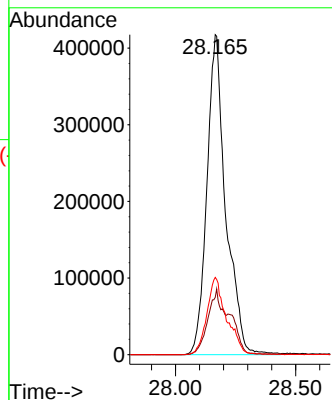
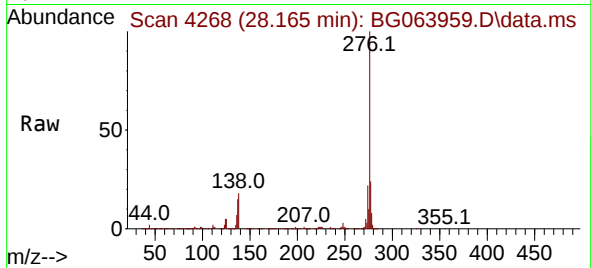




#87  
Indeno(1,2,3-cd)pyrene  
Concen: 60.035 ng  
RT: 28.165 min Scan# 41  
Delta R.T. -0.005 min  
Lab File: BG063959.D  
Acq: 24 Jan 2025 16:17

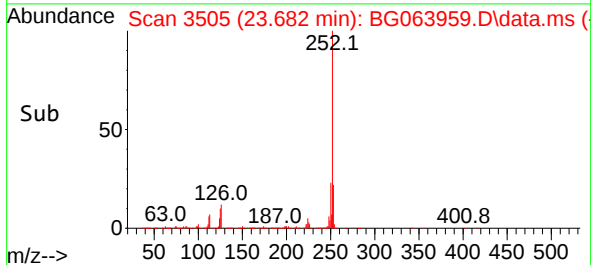
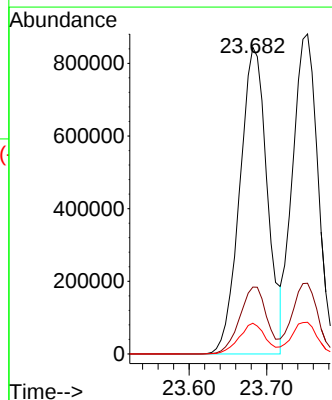
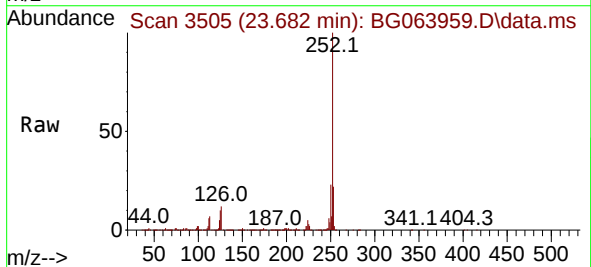
Instrument :  
BNA\_G  
ClientSampleId :  
SSTDICC060

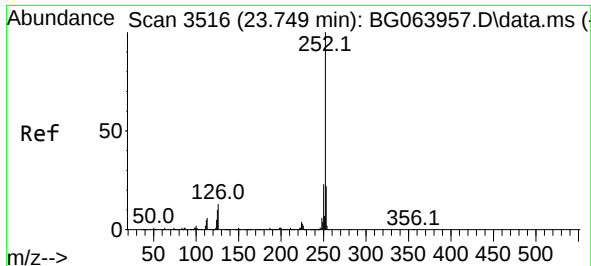
Tgt Ion:276 Resp: 2279578  
Ion Ratio Lower Upper  
276 100  
138 16.4 14.5 21.7  
277 25.1 19.9 29.9



#88  
Benzo(b)fluoranthene  
Concen: 59.532 ng  
RT: 23.682 min Scan# 3505  
Delta R.T. -0.005 min  
Lab File: BG063959.D  
Acq: 24 Jan 2025 16:17

Tgt Ion:252 Resp: 2084571  
Ion Ratio Lower Upper  
252 100  
253 21.8 17.2 25.8  
125 10.0 8.2 12.2

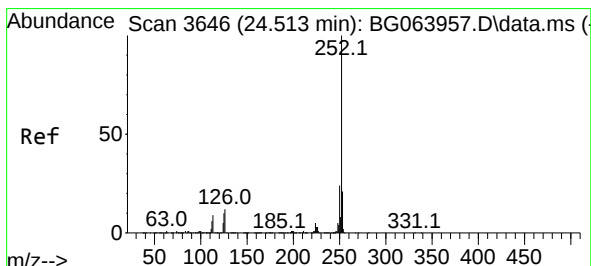
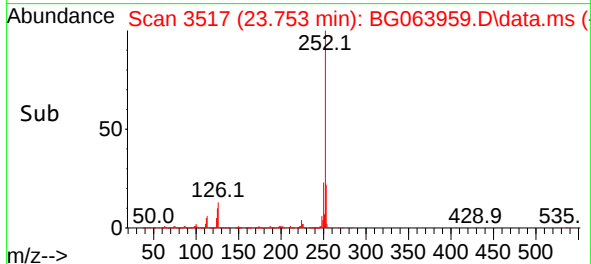
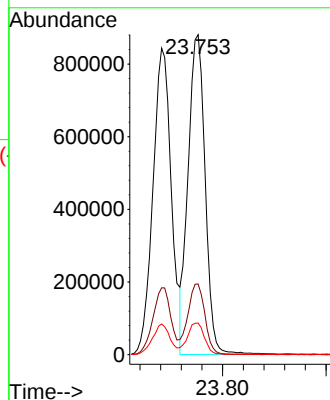
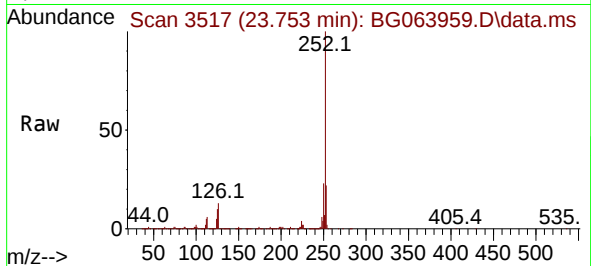




#89  
Benzo(k)fluoranthene  
Concen: 57.955 ng  
RT: 23.753 min Scan# 31  
Delta R.T. -0.004 min  
Lab File: BG063959.D  
Acq: 24 Jan 2025 16:17

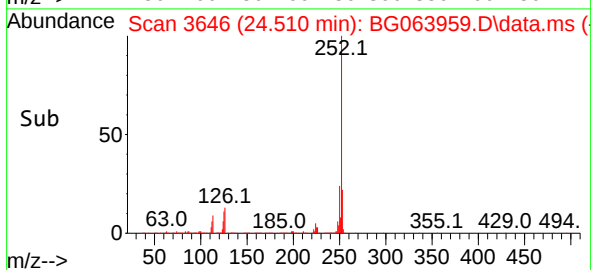
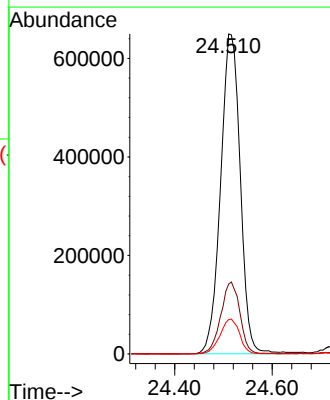
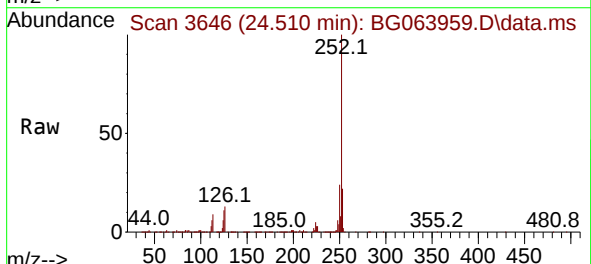
Instrument :  
BNA\_G  
ClientSampleId :  
SSTDICC060

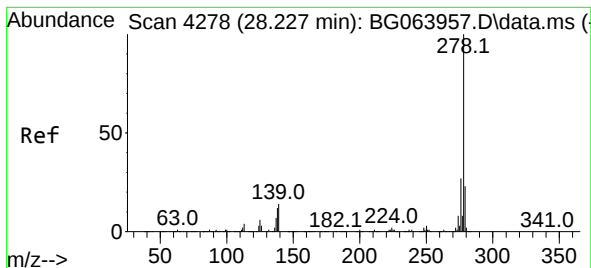
Tgt Ion:252 Resp: 2016570  
Ion Ratio Lower Upper  
252 100  
253 22.1 17.4 26.0  
125 9.9 7.8 11.8



#90  
Benzo(a)pyrene  
Concen: 59.119 ng  
RT: 24.510 min Scan# 3646  
Delta R.T. -0.011 min  
Lab File: BG063959.D  
Acq: 24 Jan 2025 16:17

Tgt Ion:252 Resp: 1816575  
Ion Ratio Lower Upper  
252 100  
253 21.8 16.8 25.2  
125 10.8 8.2 12.4





#91

Dibenzo(a,h)anthracene

Concen: 60.109 ng

RT: 28.236 min Scan# 41

Delta R.T. 0.002 min

Lab File: BG063959.D

Acq: 24 Jan 2025 16:17

Instrument :

BNA\_G

ClientSampleId :

SSTDICC060

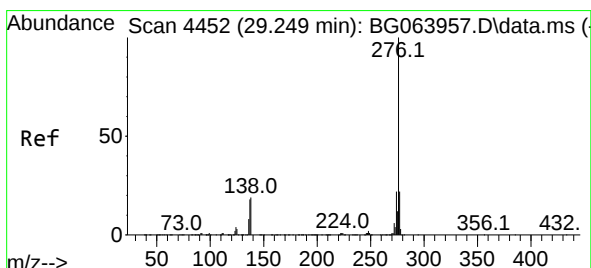
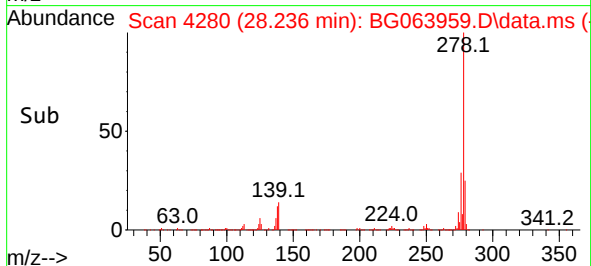
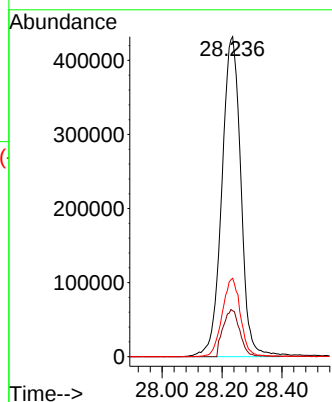
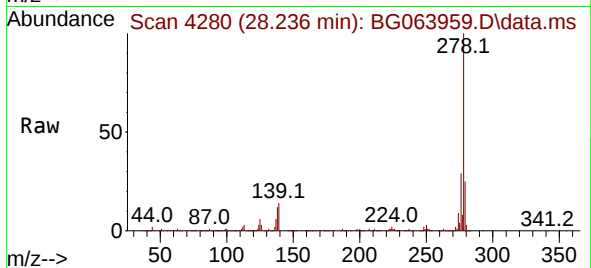
Tgt Ion:278 Resp: 1902006

Ion Ratio Lower Upper

278 100

139 14.4 11.5 17.3

279 24.5 18.6 27.8



#92

Benzo(g,h,i)perylene

Concen: 60.036 ng

RT: 29.264 min Scan# 4455

Delta R.T. -0.004 min

Lab File: BG063959.D

Acq: 24 Jan 2025 16:17

Tgt Ion:276 Resp: 1905468

Ion Ratio Lower Upper

276 100

277 24.2 17.6 26.4

138 19.3 15.3 22.9

