

Data Path : Z:\svoasrv\HPCHEM1\BNA\_G\Data\BG090524\  
 Data File : BG062671.D  
 Acq On : 5 Sep 2024 17:53  
 Operator : MA/JU  
 Sample : SSTDCCC040  
 Misc : MDL-WATER-8 ng  
 ALS Vial : 2 Sample Multiplier: 1

Instrument :  
 BNA\_G  
 ClientSampleId :

Quant Time: Sep 05 18:35:11 2024  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_G\Methods\8270-BG083024.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Sat Aug 31 02:36:01 2024  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc   | Units | Dev(Min) |
|-------------------------------|--------|------|----------|--------|-------|----------|
| -----                         |        |      |          |        |       |          |
| Internal Standards            |        |      |          |        |       |          |
| 1) 1,4-Dichlorobenzene-d4     | 7.923  | 152  | 58047    | 20.000 | ng    | 0.00     |
| 21) Naphthalene-d8            | 10.714 | 136  | 232696   | 20.000 | ng    | 0.00     |
| 39) Acenaphthene-d10          | 14.545 | 164  | 188598   | 20.000 | ng    | 0.00     |
| 64) Phenanthrene-d10          | 17.289 | 188  | 521889   | 20.000 | ng    | 0.00     |
| 76) Chrysene-d12              | 21.537 | 240  | 566561   | 20.000 | ng    | 0.00     |
| 86) Perylene-d12              | 24.604 | 264  | 657881   | 20.000 | ng    | 0.00     |
| System Monitoring Compounds   |        |      |          |        |       |          |
| 5) 2-Fluorophenol             | 5.502  | 112  | 270805   | 80.641 | ng    | 0.00     |
| 7) Phenol-d6                  | 7.083  | 99   | 369185   | 76.100 | ng    | 0.00     |
| 23) Nitrobenzene-d5           | 9.075  | 82   | 342081   | 79.173 | ng    | 0.00     |
| 42) 2,4,6-Tribromophenol      | 16.031 | 330  | 234496   | 88.350 | ng    | 0.00     |
| 45) 2-Fluorobiphenyl          | 13.170 | 172  | 883867   | 75.912 | ng    | 0.00     |
| 79) Terphenyl-d14             | 19.909 | 244  | 2088753  | 73.102 | ng    | 0.00     |
| Target Compounds              |        |      |          |        |       |          |
|                               |        |      |          |        |       | Qvalue   |
| 2) 1,4-Dioxane                | 3.411  | 88   | 56642    | 40.488 | ng    | 95       |
| 3) Pyridine                   | 3.798  | 79   | 157562   | 39.090 | ng    | 98       |
| 4) n-Nitrosodimethylamine     | 3.716  | 42   | 78704    | 40.163 | ng    | 92       |
| 6) Aniline                    | 7.247  | 93   | 166814   | 36.804 | ng    | 98       |
| 8) 2-Chlorophenol             | 7.488  | 128  | 139753   | 38.763 | ng    | 98       |
| 9) Benzaldehyde               | 7.059  | 77   | 121681   | 43.119 | ng    | 96       |
| 10) Phenol                    | 7.112  | 94   | 186052   | 37.883 | ng    | 99       |
| 11) bis(2-Chloroethyl)ether   | 7.341  | 93   | 143015   | 38.034 | ng    | 98       |
| 12) 1,3-Dichlorobenzene       | 7.811  | 146  | 156592   | 39.579 | ng    | 98       |
| 13) 1,4-Dichlorobenzene       | 7.958  | 146  | 156882   | 38.530 | ng    | 96       |
| 14) 1,2-Dichlorobenzene       | 8.276  | 146  | 151784   | 37.925 | ng    | 97       |
| 15) Benzyl Alcohol            | 8.152  | 79   | 130030   | 36.225 | ng    | 97       |
| 16) 2,2'-oxybis(1-Chloropr... | 8.452  | 45   | 235453   | 32.855 | ng    | 98       |
| 17) 2-Methylphenol            | 8.358  | 107  | 120267   | 35.131 | ng    | 97       |
| 18) Hexachloroethane          | 9.004  | 117  | 54991    | 36.019 | ng    | 91       |
| 19) n-Nitroso-di-n-propyla... | 8.722  | 70   | 124443   | 32.553 | ng    | # 98     |
| 20) 3+4-Methylphenols         | 8.687  | 107  | 173003   | 34.254 | ng    | 98       |
| 22) Acetophenone              | 8.734  | 105  | 237975   | 37.909 | ng    | 97       |
| 24) Nitrobenzene              | 9.116  | 77   | 186694   | 40.639 | ng    | 98       |
| 25) Isophorone                | 9.639  | 82   | 323252   | 34.082 | ng    | 98       |
| 26) 2-Nitrophenol             | 9.827  | 139  | 72304    | 41.654 | ng    | 96       |
| 27) 2,4-Dimethylphenol        | 9.885  | 122  | 97072    | 38.166 | ng    | 94       |
| 28) bis(2-Chloroethoxy)met... | 10.120 | 93   | 191976   | 37.811 | ng    | 99       |
| 29) 2,4-Dichlorophenol        | 10.361 | 162  | 146555   | 41.212 | ng    | 98       |
| 30) 1,2,4-Trichlorobenzene    | 10.579 | 180  | 170202   | 40.374 | ng    | 99       |
| 31) Naphthalene               | 10.761 | 128  | 452463   | 39.230 | ng    | 97       |
| 32) Benzoic acid              | 10.015 | 122  | 91517    | 33.456 | ng    | 98       |
| 33) 4-Chloroaniline           | 10.867 | 127  | 170311   | 37.523 | ng    | 96       |
| 34) Hexachlorobutadiene       | 11.055 | 225  | 120624   | 40.968 | ng    | 94       |
| 35) Caprolactam               | 11.630 | 113  | 53621    | 39.113 | ng    | # 87     |
| 36) 4-Chloro-3-methylphenol   | 11.989 | 107  | 156383   | 36.457 | ng    | 96       |
| 37) 2-Methylnaphthalene       | 12.371 | 142  | 329914   | 36.880 | ng    | 96       |
| 38) 1-Methylnaphthalene       | 12.588 | 142  | 333201   | 37.094 | ng    | 98       |
| 40) 1,2,4,5-Tetrachloroben... | 12.735 | 216  | 225814   | 39.814 | ng    | 99       |
| 41) Hexachlorocyclopentadiene | 12.723 | 237  | 68152    | 42.115 | ng    | 99       |
| 43) 2,4,6-Trichlorophenol     | 12.976 | 196  | 141034   | 39.225 | ng    | 98       |

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 Misc : MDL-WATER-8 ng  
 ALS Vial : 2 Sample Multiplier: 1

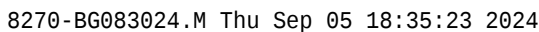
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 BNA\_G  
 ClientSampleId :

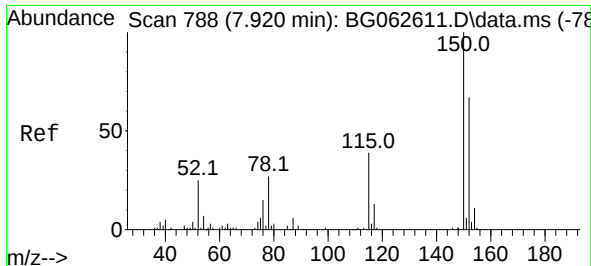
Quant Time: Sep 05 18:35:11 2024  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_G\Methods\8270-BG083024.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Sat Aug 31 02:36:01 2024  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc   | Units | Dev(Min) |
|-------------------------------|--------|------|----------|--------|-------|----------|
| 44) 2,4,5-Trichlorophenol     | 13.046 | 196  | 162774   | 39.975 | ng    | 98       |
| 46) 1,1'-Biphenyl             | 13.381 | 154  | 479178   | 38.084 | ng    | 99       |
| 47) 2-Chloronaphthalene       | 13.422 | 162  | 387617   | 38.012 | ng    | 100      |
| 48) 2-Nitroaniline            | 13.622 | 65   | 116944   | 43.603 | ng    | 96       |
| 49) Acenaphthylene            | 14.269 | 152  | 592963   | 39.267 | ng    | 97       |
| 50) Dimethylphthalate         | 13.998 | 163  | 534278   | 38.742 | ng    | 99       |
| 51) 2,6-Dinitrotoluene        | 14.116 | 165  | 117159   | 44.914 | ng    | 95       |
| 52) Acenaphthene              | 14.609 | 154  | 369357   | 39.127 | ng    | 98       |
| 53) 3-Nitroaniline            | 14.445 | 138  | 115196   | 45.640 | ng    | 98       |
| 54) 2,4-Dinitrophenol         | 14.650 | 184  | 64383    | 43.982 | ng    | 95       |
| 55) Dibenzofuran              | 14.944 | 168  | 644819   | 39.830 | ng    | 96       |
| 56) 4-Nitrophenol             | 14.756 | 139  | 96603    | 45.162 | ng    | 97       |
| 57) 2,4-Dinitrotoluene        | 14.903 | 165  | 169388   | 47.593 | ng    | 97       |
| 58) Fluorene                  | 15.596 | 166  | 499479   | 39.313 | ng    | 97       |
| 59) 2,3,4,6-Tetrachlorophenol | 15.173 | 232  | 164549   | 42.659 | ng    | 95       |
| 60) Diethylphthalate          | 15.367 | 149  | 543773   | 39.783 | ng    | 99       |
| 61) 4-Chlorophenyl-phenyle... | 15.585 | 204  | 289679   | 39.715 | ng    | 96       |
| 62) 4-Nitroaniline            | 15.608 | 138  | 125918   | 45.245 | ng    | 94       |
| 63) Azobenzene                | 15.878 | 77   | 487443   | 37.978 | ng    | 99       |
| 65) 4,6-Dinitro-2-methylph... | 15.667 | 198  | 103185   | 44.304 | ng    | 96       |
| 66) n-Nitrosodiphenylamine    | 15.802 | 169  | 465430   | 37.093 | ng    | 99       |
| 67) 4-Bromophenyl-phenylether | 16.478 | 248  | 208027   | 38.622 | ng    | 96       |
| 68) Hexachlorobenzene         | 16.595 | 284  | 253742   | 39.779 | ng    | 95       |
| 69) Atrazine                  | 16.748 | 200  | 175467   | 41.172 | ng    | 98       |
| 70) Pentachlorophenol         | 16.942 | 266  | 163621   | 40.048 | ng    | 97       |
| 71) Phenanthrene              | 17.330 | 178  | 936520   | 38.446 | ng    | 99       |
| 72) Anthracene                | 17.424 | 178  | 930650   | 38.857 | ng    | 99       |
| 73) Carbazole                 | 17.688 | 167  | 872253   | 39.616 | ng    | 99       |
| 74) Di-n-butylphthalate       | 18.252 | 149  | 1000564  | 40.295 | ng    | 100      |
| 75) Fluoranthene              | 19.345 | 202  | 1278498  | 41.498 | ng    | 99       |
| 77) Benzidine                 | 19.527 | 184  | 328774   | 32.196 | ng    | 99       |
| 78) Pyrene                    | 19.703 | 202  | 1346706  | 37.394 | ng    | 99       |
| 80) Butylbenzylphthalate      | 20.596 | 149  | 399780   | 37.792 | ng    | 98       |
| 81) Benzo(a)anthracene        | 21.513 | 228  | 1370575  | 38.355 | ng    | 99       |
| 82) 3,3'-Dichlorobenzidine    | 21.437 | 252  | 452461   | 38.868 | ng    | 96       |
| 83) Chrysene                  | 21.578 | 228  | 1327195  | 38.775 | ng    | 99       |
| 84) Bis(2-ethylhexyl)phtha... | 21.437 | 149  | 607330   | 37.791 | ng    | # 97     |
| 85) Di-n-octyl phthalate      | 22.594 | 149  | 1042096  | 37.035 | ng    | 99       |
| 87) Indeno(1,2,3-cd)pyrene    | 28.070 | 276  | 1679573  | 39.815 | ng    | # 88     |
| 88) Benzo(b)fluoranthene      | 23.634 | 252  | 1394353  | 38.372 | ng    | 98       |
| 89) Benzo(k)fluoranthene      | 23.699 | 252  | 1403376  | 39.481 | ng    | 99       |
| 90) Benzo(a)pyrene            | 24.462 | 252  | 1239033  | 38.597 | ng    | 99       |
| 91) Dibenzo(a,h)anthracene    | 28.129 | 278  | 1400471  | 40.300 | ng    | 98       |
| 92) Benzo(g,h,i)perylene      | 29.151 | 276  | 1409259  | 40.217 | ng    | 97       |

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

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Response via : Initial Calibration

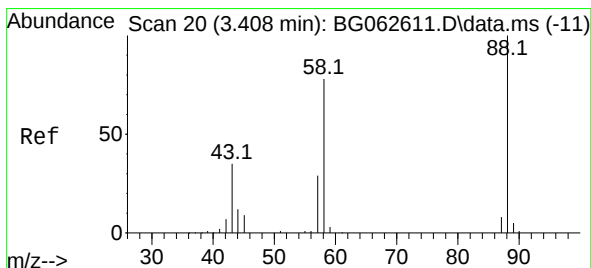
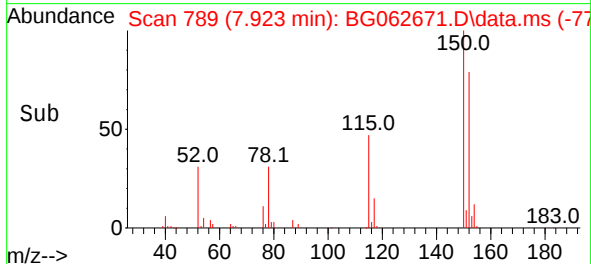
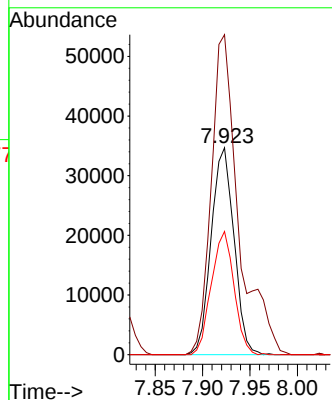
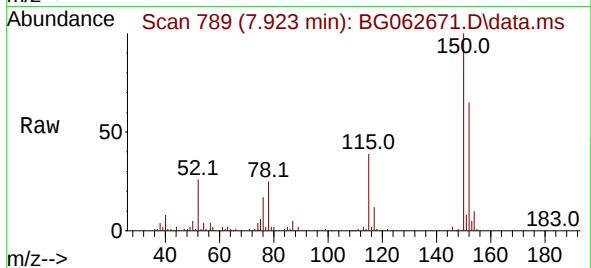




#1  
1,4-Dichlorobenzene-d4  
Concen: 20.000 ng  
RT: 7.923 min Scan# 70  
Delta R.T. 0.003 min  
Lab File: BG062671.D  
Acq: 5 Sep 2024 17:53

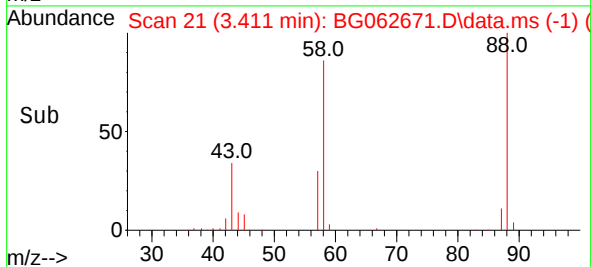
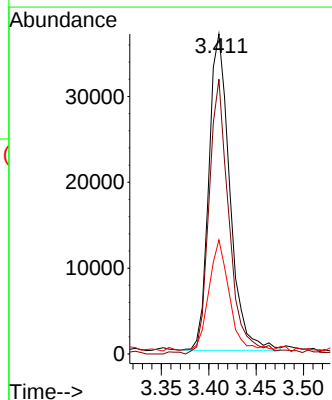
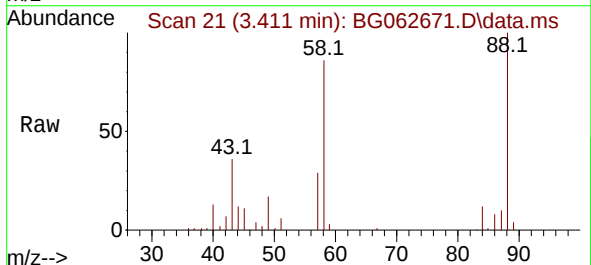
Instrument :  
BNA\_G  
ClientSampleId :

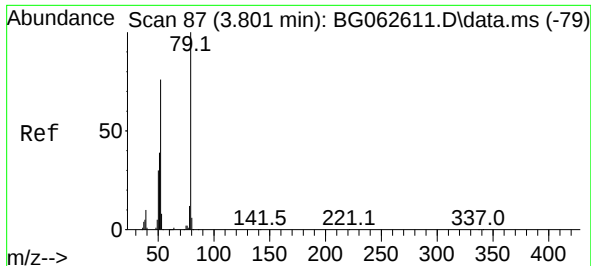
Tgt Ion:152 Resp: 58047  
Ion Ratio Lower Upper  
152 100  
150 154.7 119.9 179.9  
115 59.6 46.6 69.8



#2  
1,4-Dioxane  
Concen: 40.488 ng  
RT: 3.411 min Scan# 21  
Delta R.T. 0.003 min  
Lab File: BG062671.D  
Acq: 5 Sep 2024 17:53

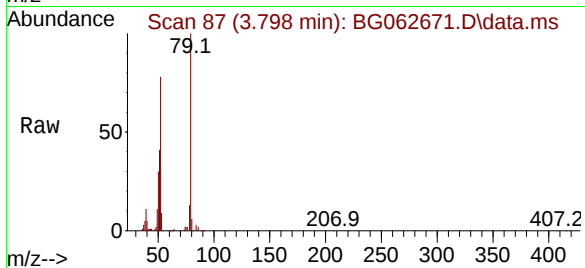
Tgt Ion: 88 Resp: 56642  
Ion Ratio Lower Upper  
88 100  
58 83.9 62.3 93.5  
43 33.5 27.5 41.3



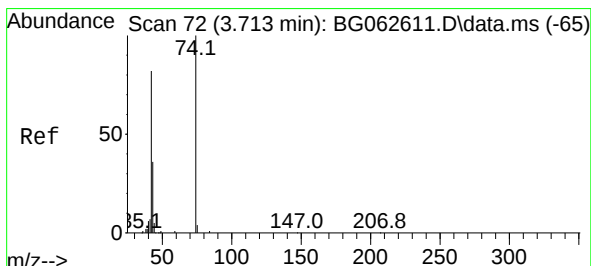
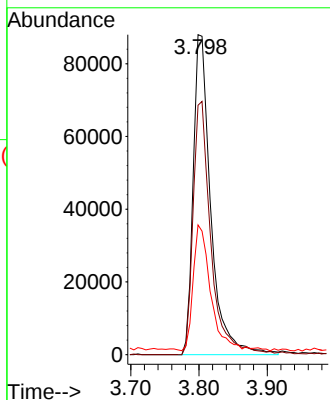
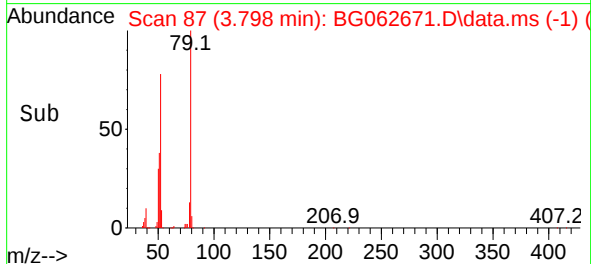


#3  
Pyridine  
Concen: 39.090 ng  
RT: 3.798 min Scan# 81  
Delta R.T. -0.003 min  
Lab File: BG062671.D  
Acq: 5 Sep 2024 17:53

Instrument :  
BNA\_G  
ClientSampleId :

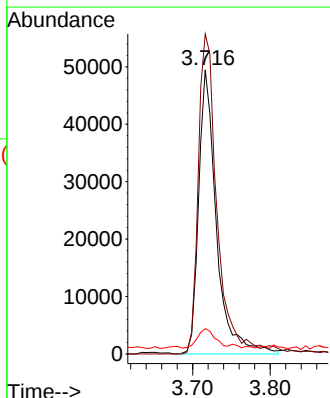
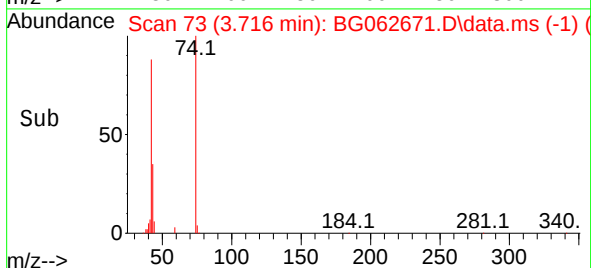
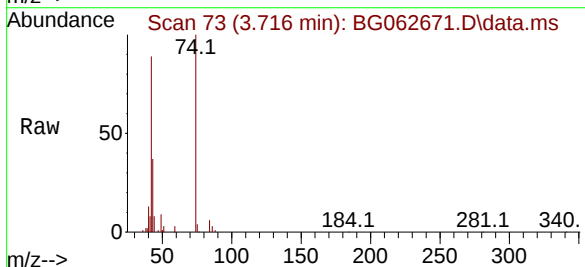


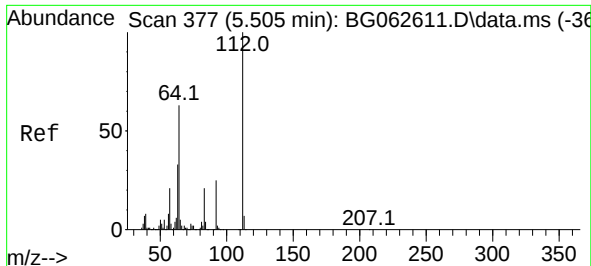
Tgt Ion: 79 Resp: 157562  
Ion Ratio Lower Upper  
79 100  
52 78.0 60.9 91.3  
51 40.5 31.5 47.3



#4  
n-Nitrosodimethylamine  
Concen: 40.163 ng  
RT: 3.716 min Scan# 73  
Delta R.T. 0.003 min  
Lab File: BG062671.D  
Acq: 5 Sep 2024 17:53

Tgt Ion: 42 Resp: 78704  
Ion Ratio Lower Upper  
42 100  
74 112.6 98.0 147.0  
44 8.9 7.4 11.2

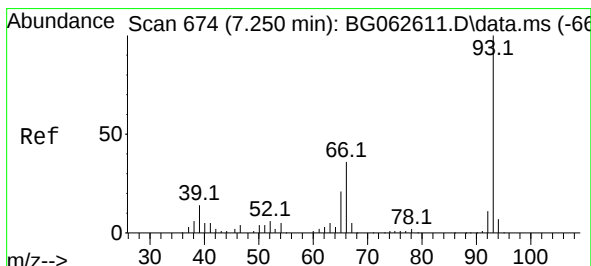
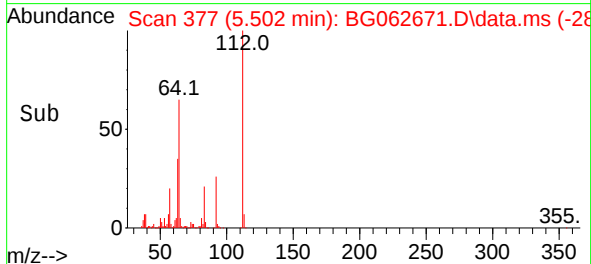
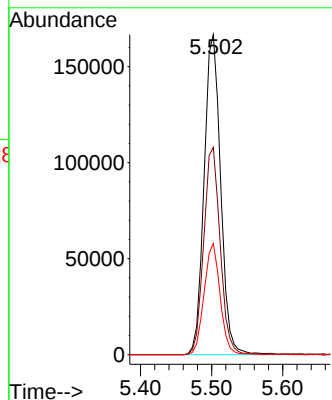
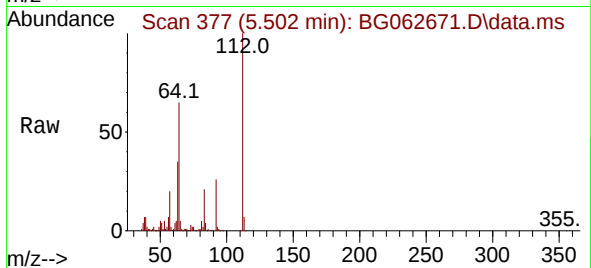




#5  
2-Fluorophenol  
Concen: 80.641 ng  
RT: 5.502 min Scan# 377  
Delta R.T. -0.003 min  
Lab File: BG062671.D  
Acq: 5 Sep 2024 17:53

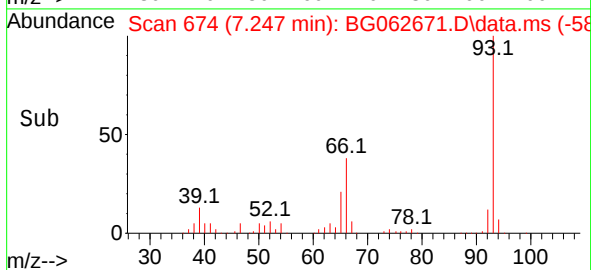
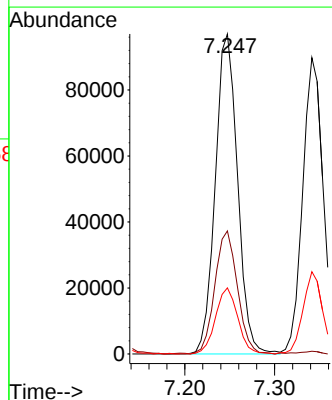
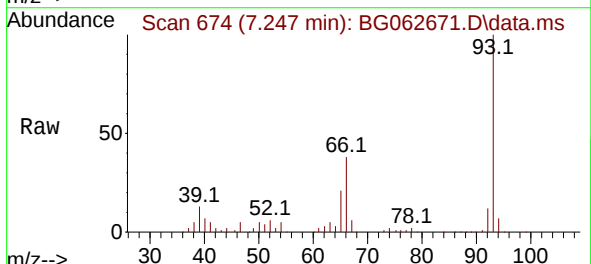
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BNA\_G  
ClientSampleId :

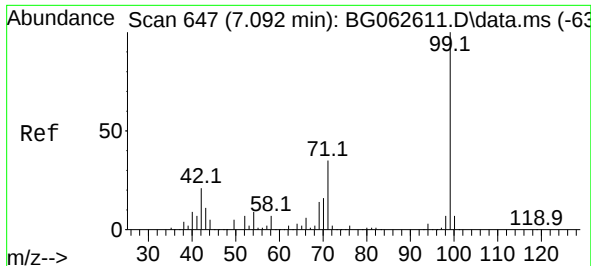
Tgt Ion:112 Resp: 270805  
Ion Ratio Lower Upper  
112 100  
64 64.8 50.2 75.2  
63 34.8 26.6 39.8



#6  
Aniline  
Concen: 36.804 ng  
RT: 7.247 min Scan# 674  
Delta R.T. -0.003 min  
Lab File: BG062671.D  
Acq: 5 Sep 2024 17:53

Tgt Ion: 93 Resp: 166814  
Ion Ratio Lower Upper  
93 100  
66 38.4 29.1 43.7  
65 20.7 16.6 25.0

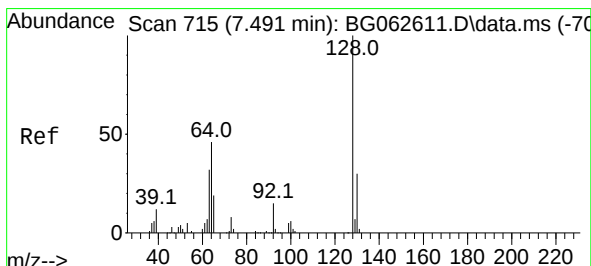
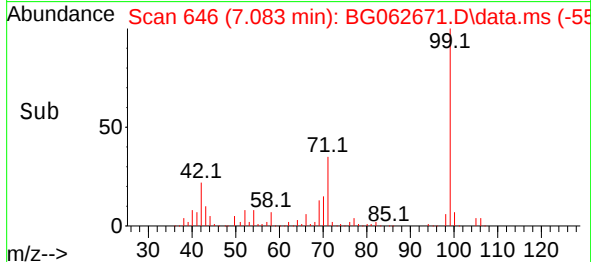
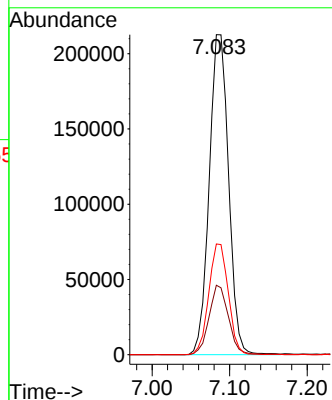
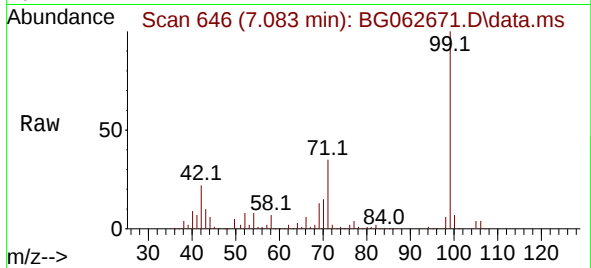




#7  
Phenol-d6  
Concen: 76.100 ng  
RT: 7.083 min Scan# 647  
Delta R.T. -0.009 min  
Lab File: BG062671.D  
Acq: 5 Sep 2024 17:53

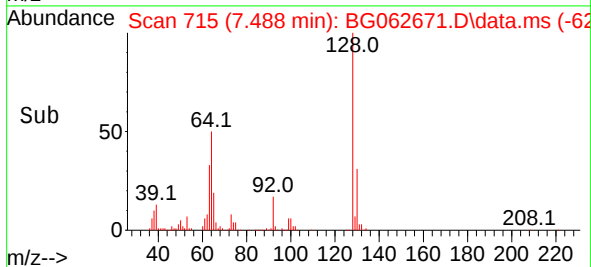
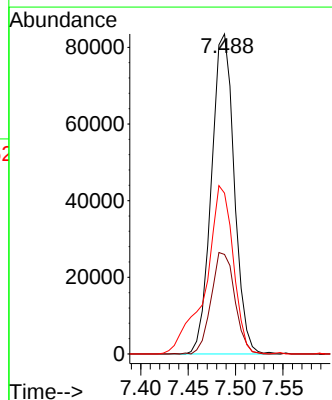
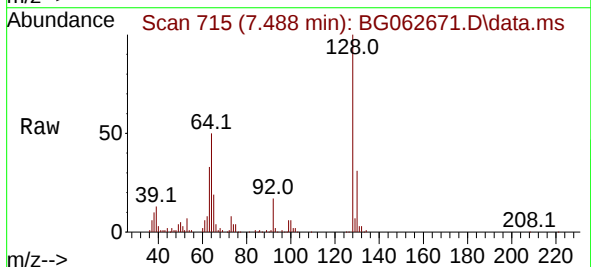
Instrument :  
BNA\_G  
ClientSampleId :

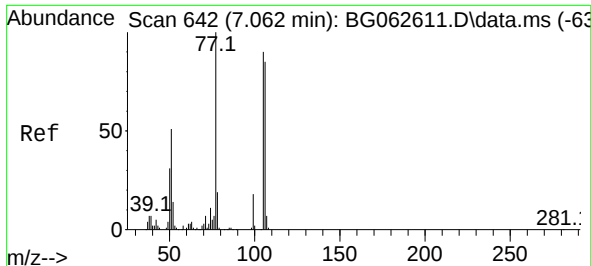
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Ion Ratio Lower Upper  
99 100  
42 21.7 16.9 25.3  
71 34.6 27.9 41.9



#8  
2-Chlorophenol  
Concen: 38.763 ng  
RT: 7.488 min Scan# 715  
Delta R.T. -0.003 min  
Lab File: BG062671.D  
Acq: 5 Sep 2024 17:53

Tgt Ion:128 Resp: 139753  
Ion Ratio Lower Upper  
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130 31.1 10.0 50.0  
64 50.2 28.8 68.8

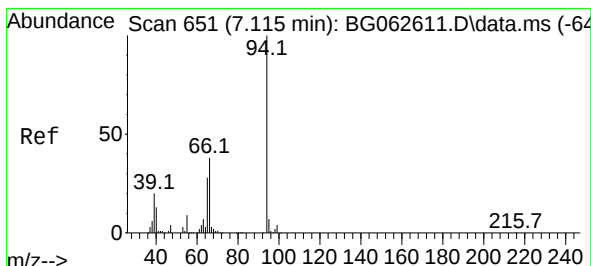
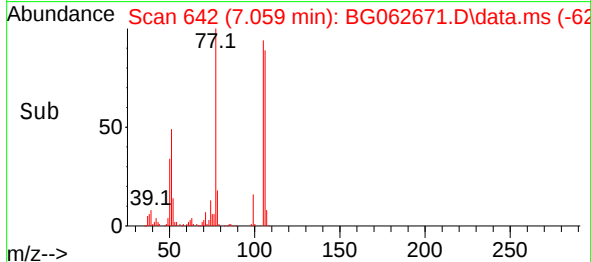
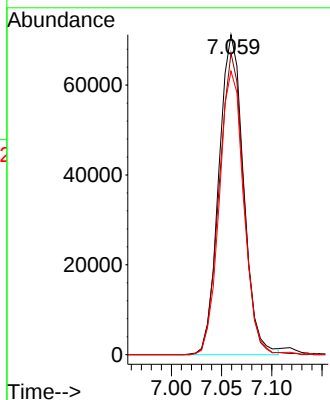
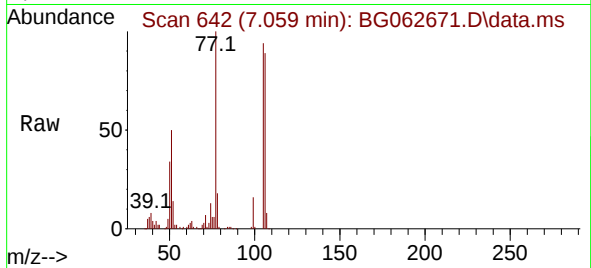




#9  
Benzaldehyde  
Concen: 43.119 ng  
RT: 7.059 min Scan# 642  
Delta R.T. -0.003 min  
Lab File: BG062671.D  
Acq: 5 Sep 2024 17:53

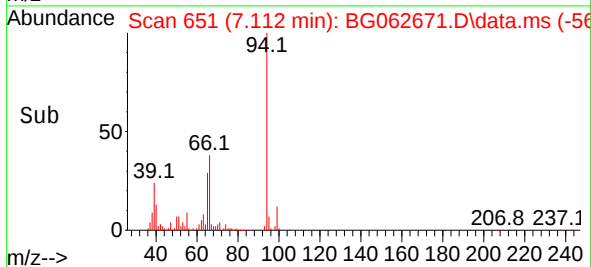
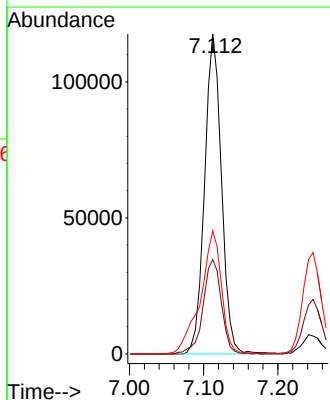
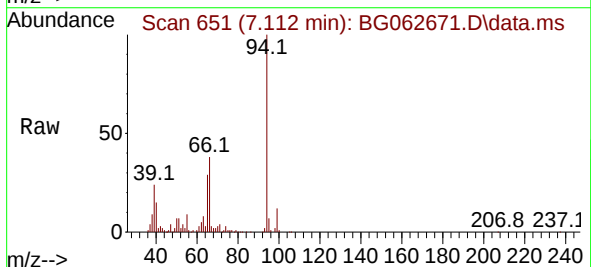
Instrument :  
BNA\_G  
ClientSampleId :

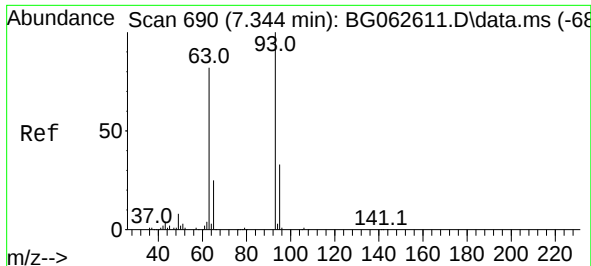
Tgt Ion: 77 Resp: 121681  
Ion Ratio Lower Upper  
77 100  
105 94.3 70.2 110.2  
106 88.6 65.4 105.4



#10  
Phenol  
Concen: 37.883 ng  
RT: 7.112 min Scan# 651  
Delta R.T. -0.003 min  
Lab File: BG062671.D  
Acq: 5 Sep 2024 17:53

Tgt Ion: 94 Resp: 186052  
Ion Ratio Lower Upper  
94 100  
65 29.5 8.6 48.6  
66 38.4 18.2 58.2

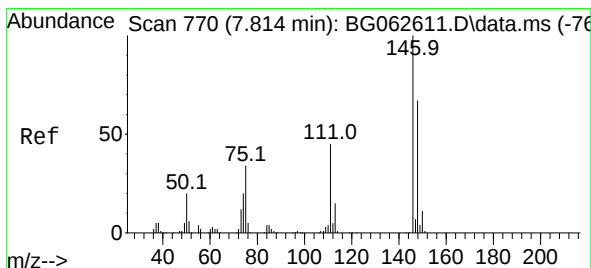
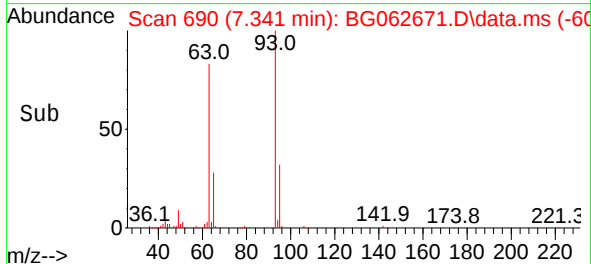
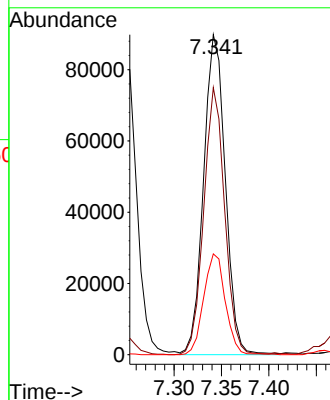
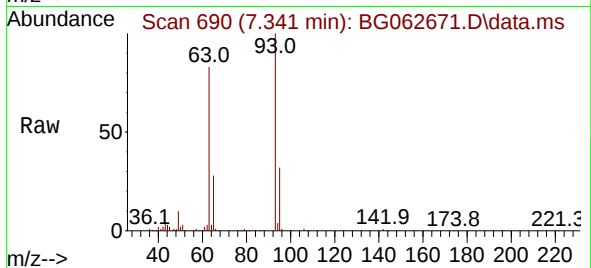




#11  
bis(2-Chloroethyl)ether  
Concen: 38.034 ng  
RT: 7.341 min Scan# 690  
Delta R.T. -0.003 min  
Lab File: BG062671.D  
Acq: 5 Sep 2024 17:53

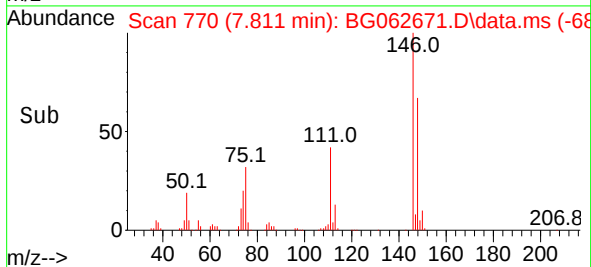
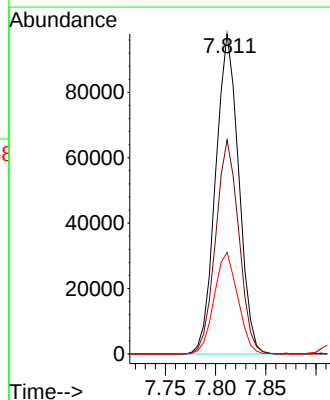
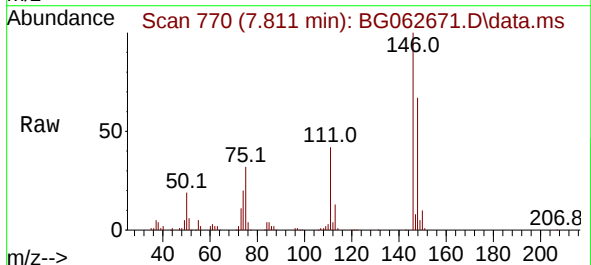
Instrument :  
BNA\_G  
ClientSampleId :

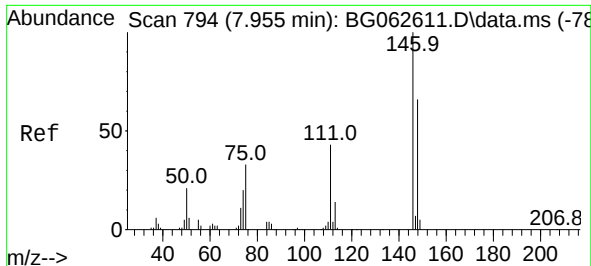
Tgt Ion: 93 Resp: 143015  
Ion Ratio Lower Upper  
93 100  
63 83.4 61.9 101.9  
95 31.5 12.9 52.9



#12  
1,3-Dichlorobenzene  
Concen: 39.579 ng  
RT: 7.811 min Scan# 770  
Delta R.T. -0.003 min  
Lab File: BG062671.D  
Acq: 5 Sep 2024 17:53

Tgt Ion:146 Resp: 156592  
Ion Ratio Lower Upper  
146 100  
148 66.9 53.9 80.9  
75 31.7 27.0 40.4





#13

1,4-Dichlorobenzene

Concen: 38.530 ng

RT: 7.958 min Scan# 794

Delta R.T. 0.003 min

Lab File: BG062671.D

Acq: 5 Sep 2024 17:53

Instrument :

BNA\_G

ClientSampleId :

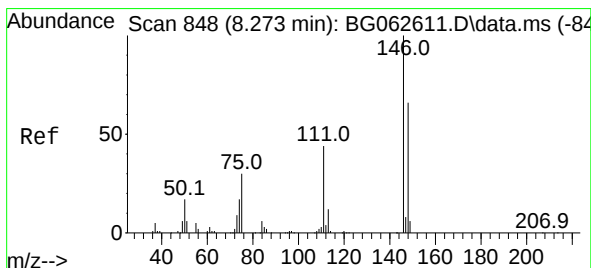
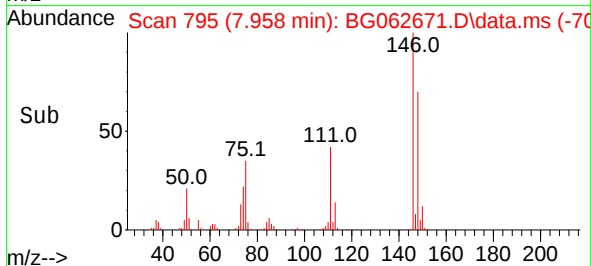
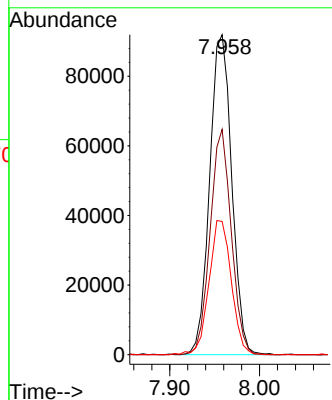
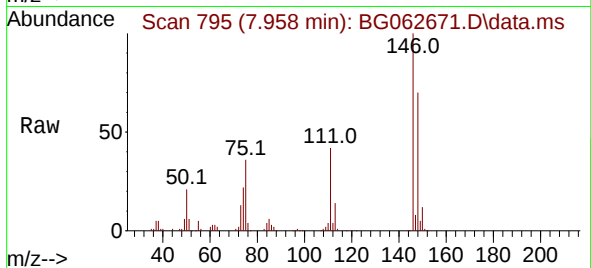
Tgt Ion:146 Resp: 156882

Ion Ratio Lower Upper

146 100

148 70.4 53.0 79.6

111 41.7 34.9 52.3



#14

1,2-Dichlorobenzene

Concen: 37.925 ng

RT: 8.276 min Scan# 849

Delta R.T. 0.003 min

Lab File: BG062671.D

Acq: 5 Sep 2024 17:53

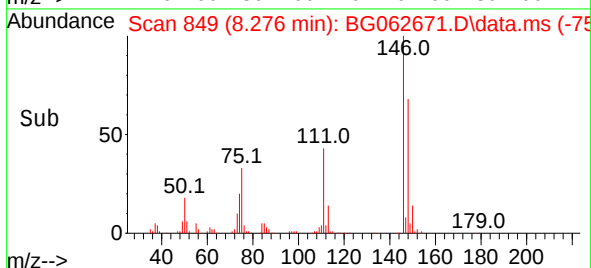
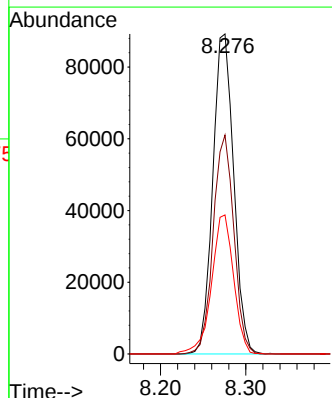
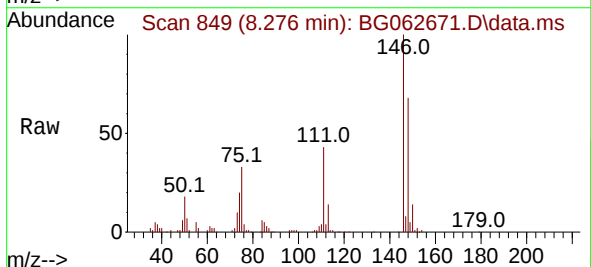
Tgt Ion:146 Resp: 151784

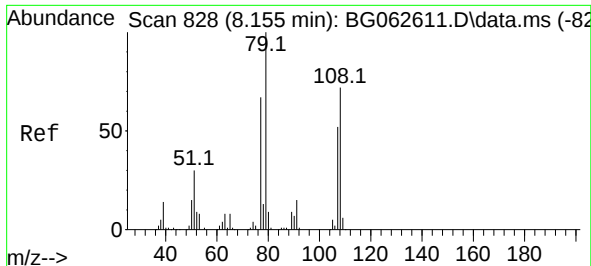
Ion Ratio Lower Upper

146 100

148 68.4 52.5 78.7

111 43.4 35.5 53.3

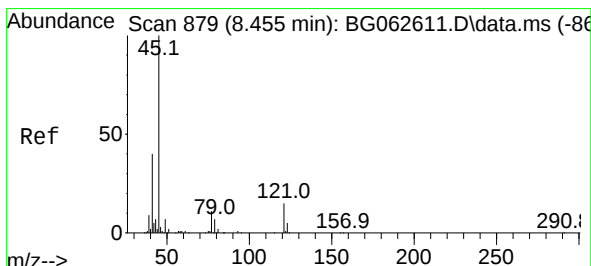
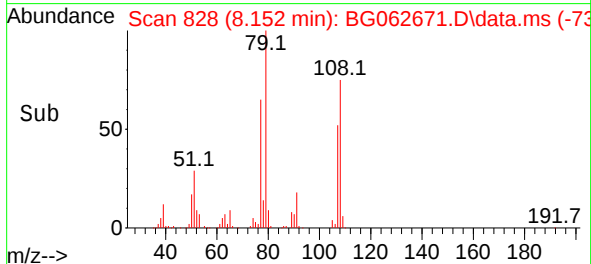
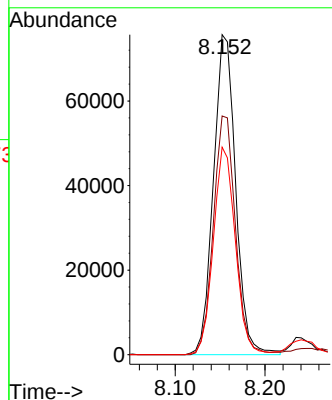
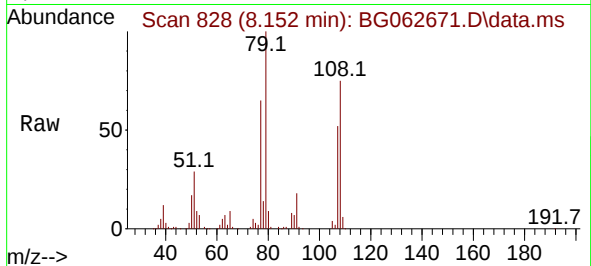




#15  
Benzyl Alcohol  
Concen: 36.225 ng  
RT: 8.152 min Scan# 81  
Delta R.T. -0.003 min  
Lab File: BG062671.D  
Acq: 5 Sep 2024 17:53

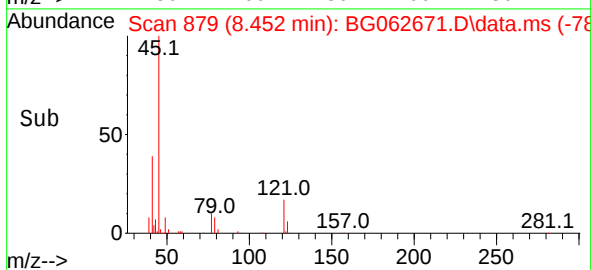
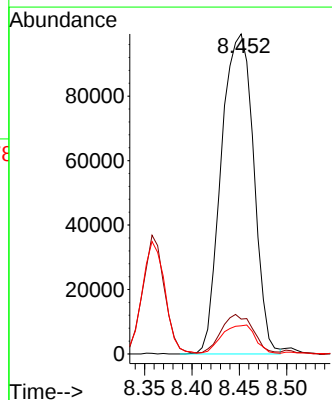
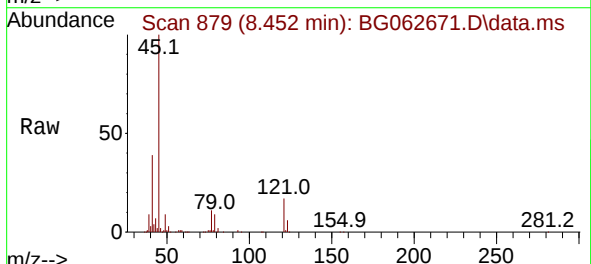
Instrument :  
BNA\_G  
ClientSampleId :

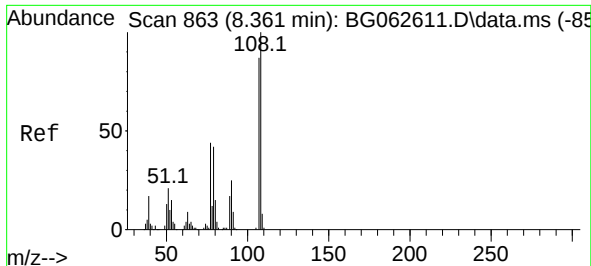
Tgt Ion: 79 Resp: 130030  
Ion Ratio Lower Upper  
79 100  
108 74.6 57.9 86.9  
77 64.8 53.4 80.2



#16  
2,2'-oxybis(1-Chloropropane)  
Concen: 32.855 ng  
RT: 8.452 min Scan# 879  
Delta R.T. -0.003 min  
Lab File: BG062671.D  
Acq: 5 Sep 2024 17:53

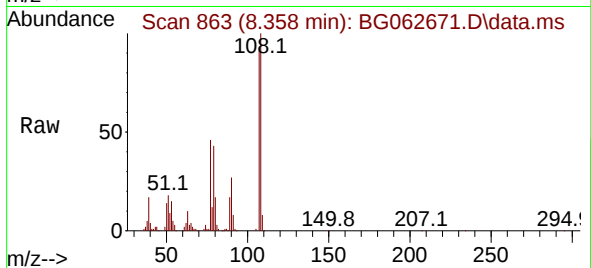
Tgt Ion: 45 Resp: 235453  
Ion Ratio Lower Upper  
45 100  
77 10.9 0.0 31.7  
79 8.8 0.0 28.3





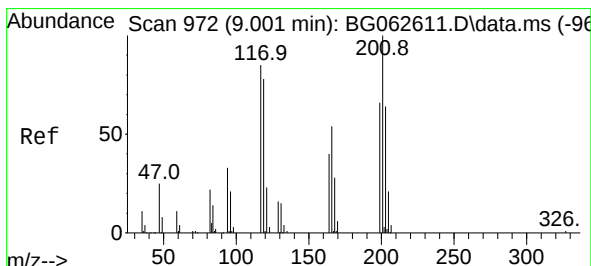
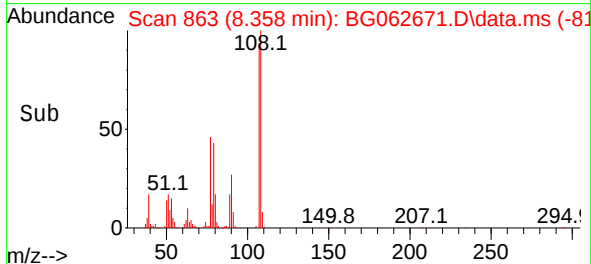
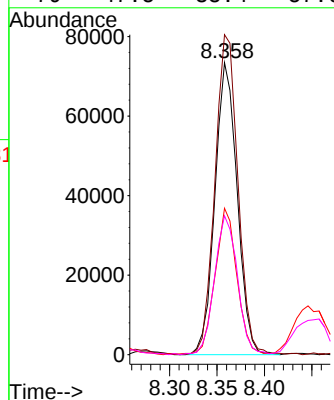
#17  
2-Methylphenol  
Concen: 35.131 ng  
RT: 8.358 min Scan# 863  
Delta R.T. -0.003 min  
Lab File: BG062671.D  
Acq: 5 Sep 2024 17:53

Instrument :  
BNA\_G  
ClientSampleId :



Tgt Ion:107 Resp: 120267

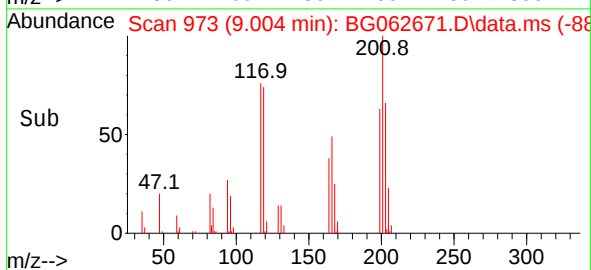
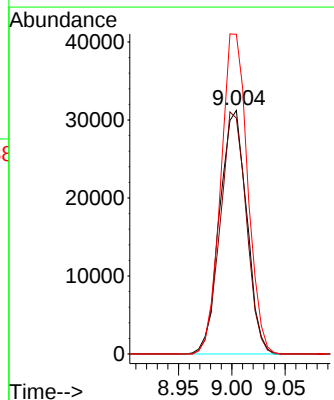
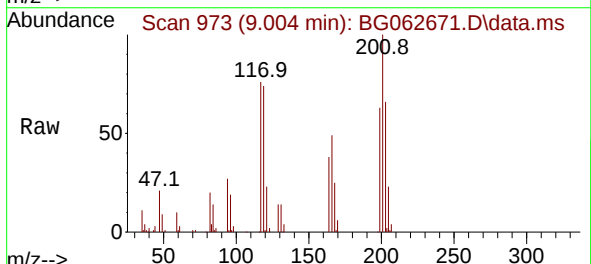
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 107 | 100   |       |       |
| 108 | 109.6 | 91.5  | 137.3 |
| 77  | 50.1  | 40.0  | 60.0  |
| 79  | 47.5  | 38.4  | 57.6  |

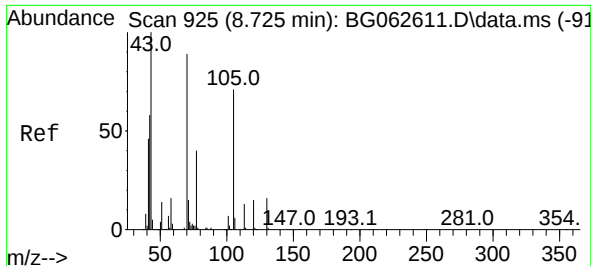


#18  
Hexachloroethane  
Concen: 36.019 ng  
RT: 9.004 min Scan# 973  
Delta R.T. 0.003 min  
Lab File: BG062671.D  
Acq: 5 Sep 2024 17:53

Tgt Ion:117 Resp: 54991

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 117 | 100   |       |       |
| 119 | 96.8  | 73.4  | 110.0 |
| 201 | 131.2 | 93.9  | 140.9 |

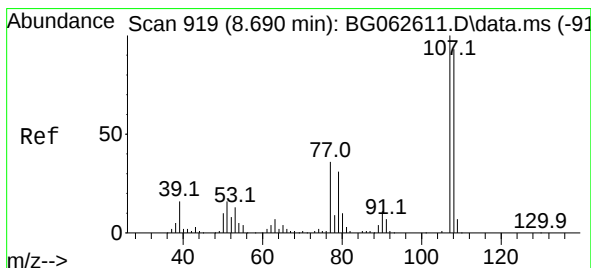
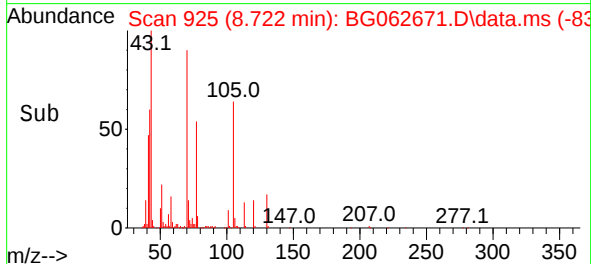
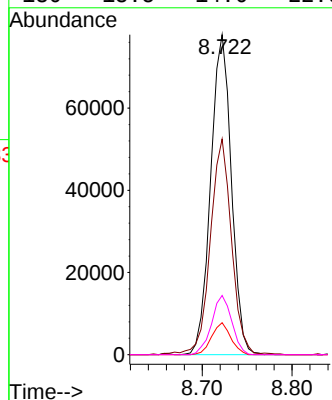
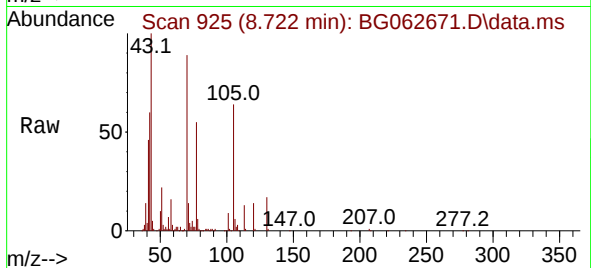




#19  
n-Nitroso-di-n-propylamine  
Concen: 32.553 ng  
RT: 8.722 min Scan# 919  
Delta R.T. -0.003 min  
Lab File: BG062671.D  
Acq: 5 Sep 2024 17:53

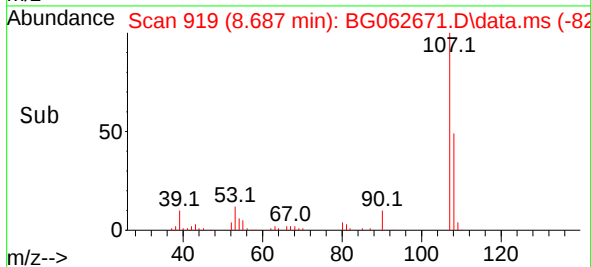
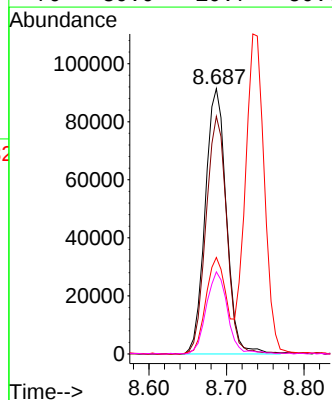
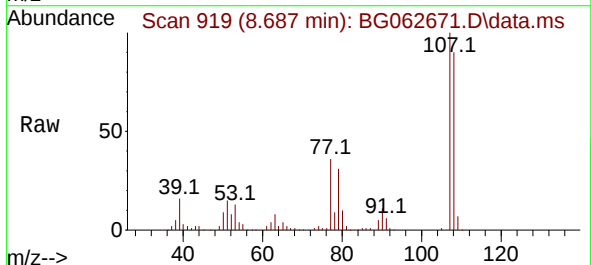
Instrument :  
BNA\_G  
ClientSampleId :

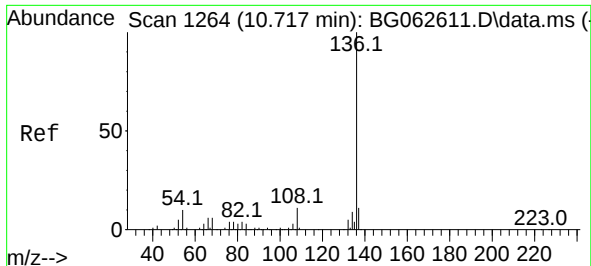
Tgt Ion: 70 Resp: 124443  
Ion Ratio Lower Upper  
70 100  
42 67.4 52.3 78.5  
101 10.0 6.6 9.8#  
130 18.5 14.6 22.0



#20  
3+4-Methylphenols  
Concen: 34.254 ng  
RT: 8.687 min Scan# 919  
Delta R.T. -0.003 min  
Lab File: BG062671.D  
Acq: 5 Sep 2024 17:53

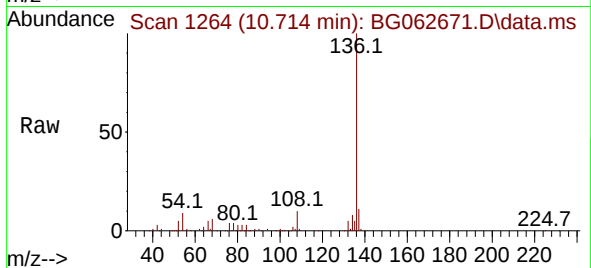
Tgt Ion:107 Resp: 173003  
Ion Ratio Lower Upper  
107 100  
108 89.5 72.7 112.7  
77 36.3 16.5 56.5  
79 30.9 10.7 50.7



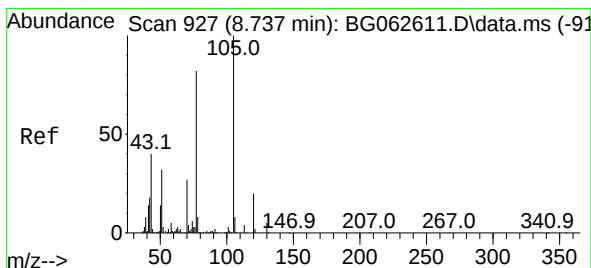
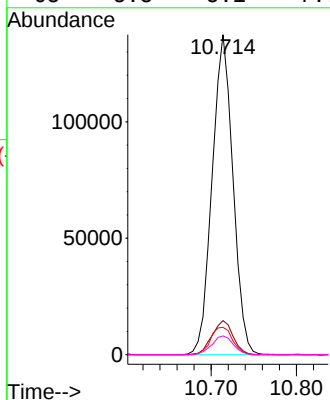
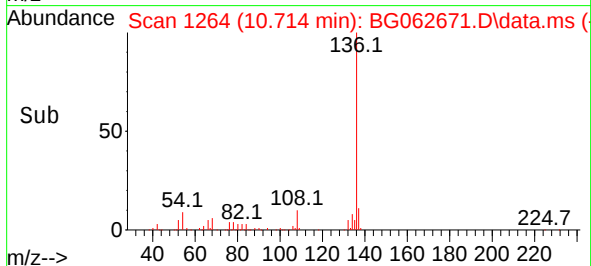


#21  
Naphthalene-d8  
Concen: 20.000 ng  
RT: 10.714 min Scan# 1264  
Delta R.T. -0.003 min  
Lab File: BG062671.D  
Acq: 5 Sep 2024 17:53

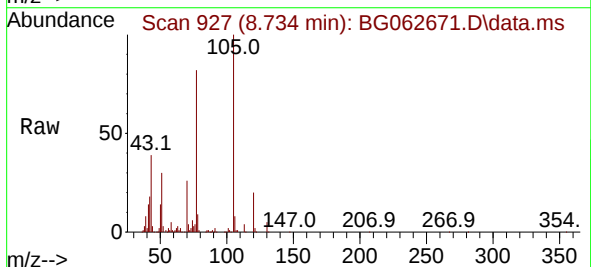
Instrument : BNA\_G  
ClientSampleId :



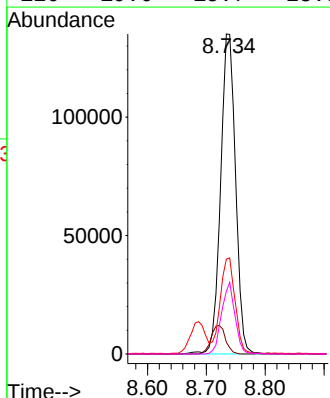
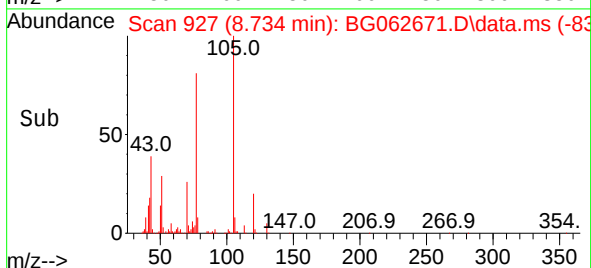
Tgt Ion:136 Resp: 232696  
Ion Ratio Lower Upper  
136 100  
137 10.6 9.0 13.4  
54 8.6 7.8 11.6  
68 5.8 5.1 7.7

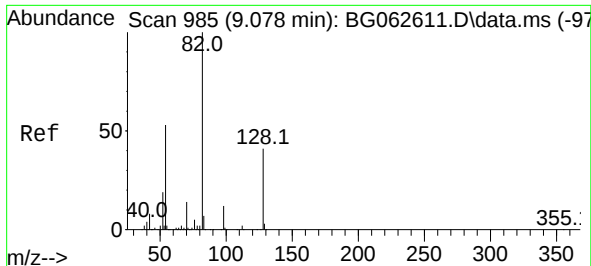


#22  
Acetophenone  
Concen: 37.909 ng  
RT: 8.734 min Scan# 927  
Delta R.T. -0.003 min  
Lab File: BG062671.D  
Acq: 5 Sep 2024 17:53



Tgt Ion:105 Resp: 237975  
Ion Ratio Lower Upper  
105 100  
71 3.6 3.5 5.3  
51 29.7 25.7 38.5  
120 19.6 15.7 23.5





#23

Nitrobenzene-d5

Concen: 79.173 ng

RT: 9.075 min Scan# 90

Delta R.T. -0.003 min

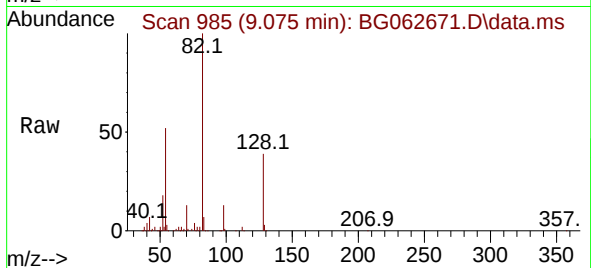
Lab File: BG062671.D

Acq: 5 Sep 2024 17:53

Instrument :

BNA\_G

ClientSampleId :



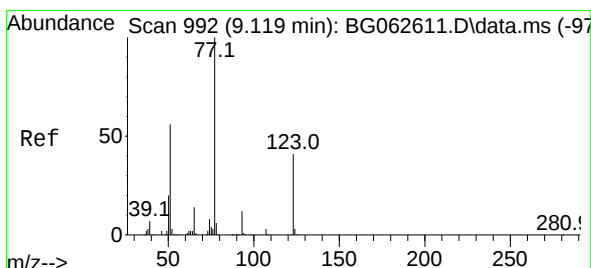
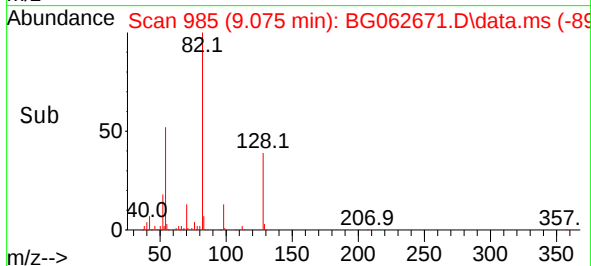
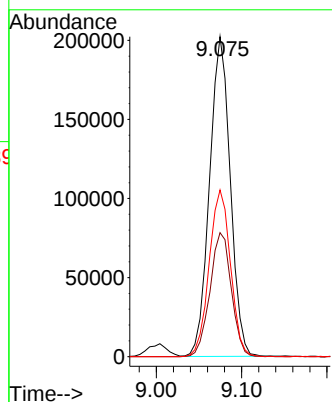
Tgt Ion: 82 Resp: 342081

Ion Ratio Lower Upper

82 100

128 38.7 32.5 48.7

54 52.1 42.5 63.7



#24

Nitrobenzene

Concen: 40.639 ng

RT: 9.116 min Scan# 992

Delta R.T. -0.003 min

Lab File: BG062671.D

Acq: 5 Sep 2024 17:53

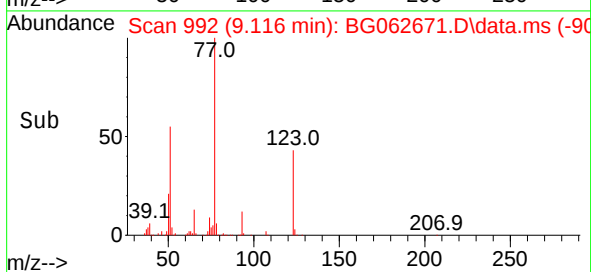
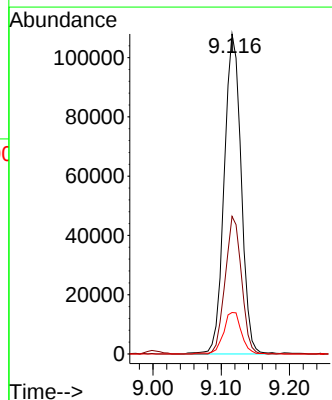
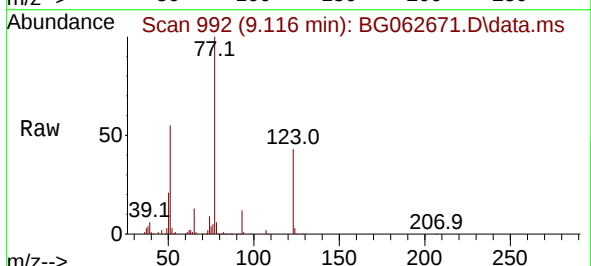
Tgt Ion: 77 Resp: 186694

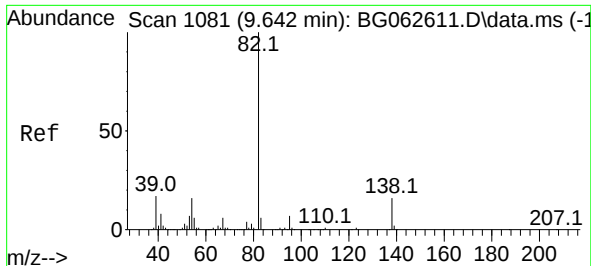
Ion Ratio Lower Upper

77 100

123 43.0 33.1 49.7

65 13.0 11.0 16.4





#25

Isophorone

Concen: 34.082 ng

RT: 9.639 min Scan# 1081

Delta R.T. -0.003 min

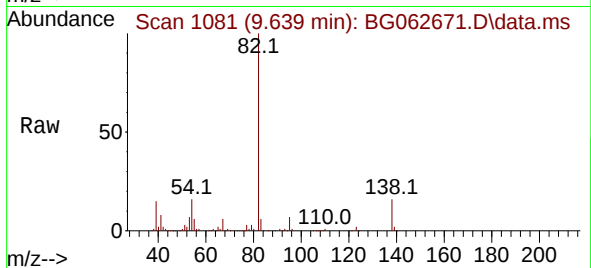
Lab File: BG062671.D

Acq: 5 Sep 2024 17:53

Instrument :

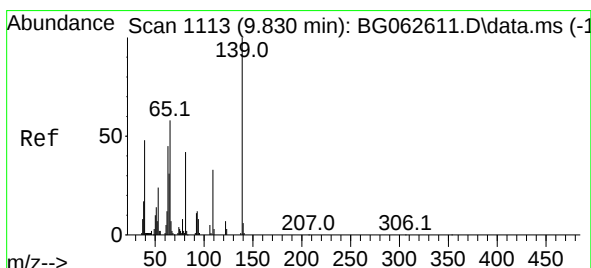
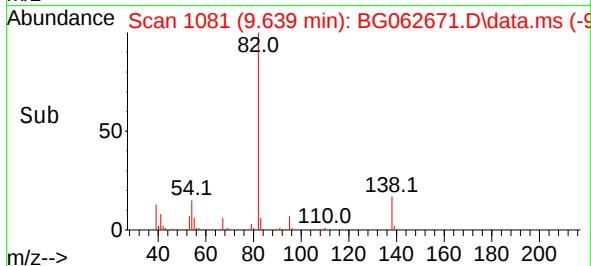
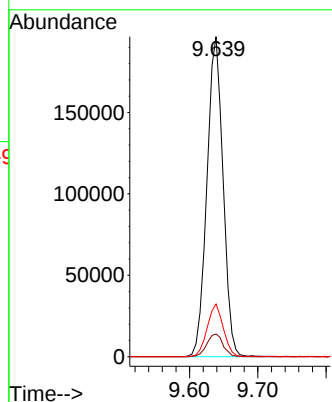
BNA\_G

ClientSampleId :



Tgt Ion: 82 Resp: 323252

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 82  | 100   |       |       |
| 95  | 7.1   | 5.4   | 8.0   |
| 138 | 16.5  | 12.6  | 18.8  |



#26

2-Nitrophenol

Concen: 41.654 ng

RT: 9.827 min Scan# 1113

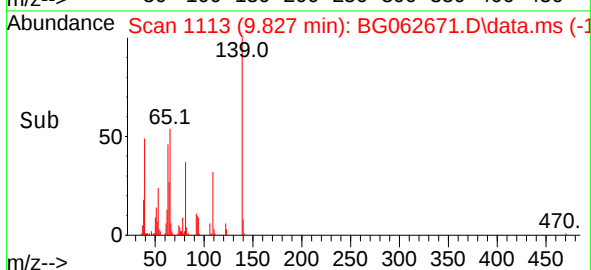
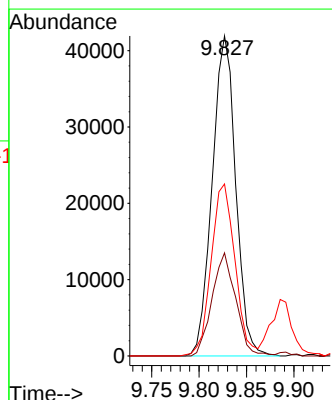
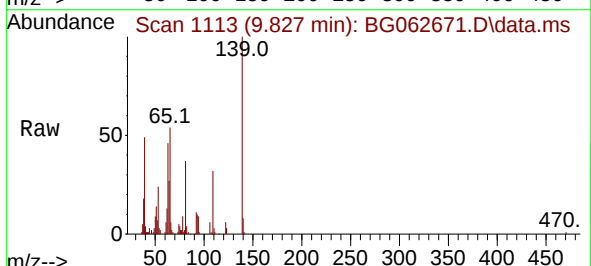
Delta R.T. -0.003 min

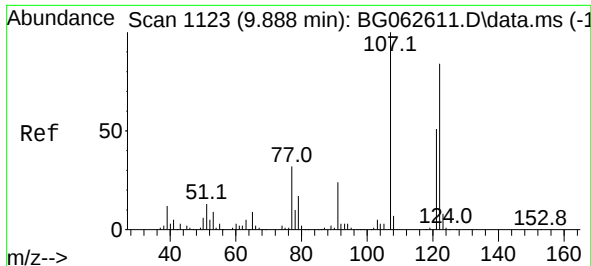
Lab File: BG062671.D

Acq: 5 Sep 2024 17:53

Tgt Ion:139 Resp: 72304

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 139 | 100   |       |       |
| 109 | 32.2  | 26.6  | 39.8  |
| 65  | 53.7  | 46.5  | 69.7  |

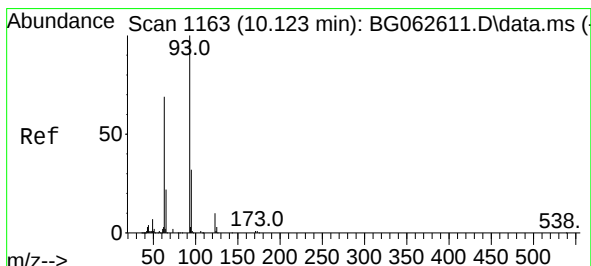
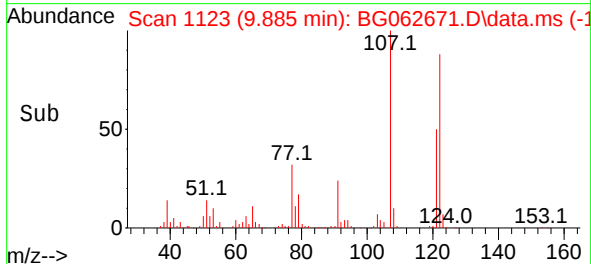
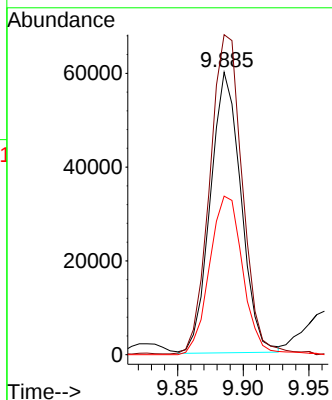
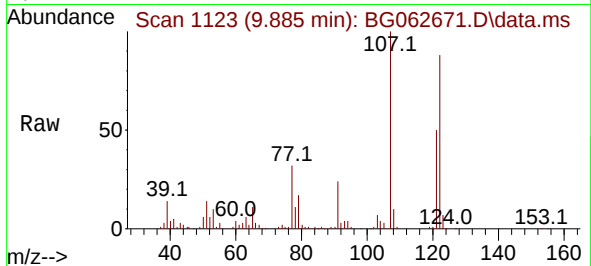




#27  
2,4-Dimethylphenol  
Concen: 38.166 ng  
RT: 9.885 min Scan# 1123  
Delta R.T. -0.003 min  
Lab File: BG062671.D  
Acq: 5 Sep 2024 17:53

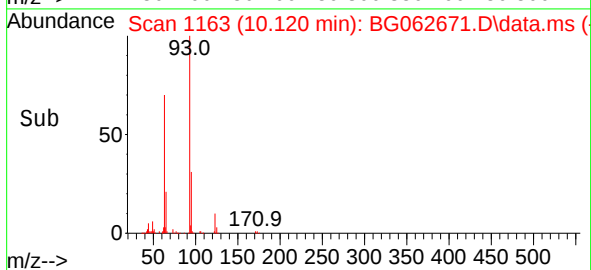
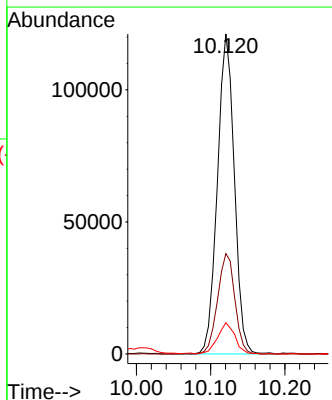
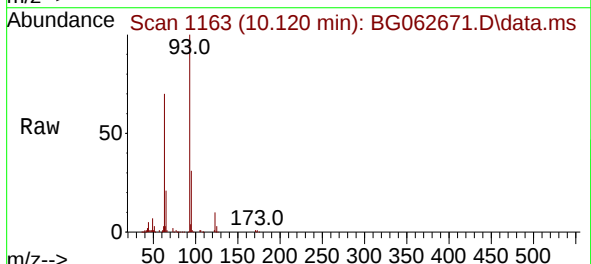
Instrument :  
BNA\_G  
ClientSampleId :

Tgt Ion:122 Resp: 97072  
Ion Ratio Lower Upper  
122 100  
107 113.3 95.8 143.6  
121 56.2 48.6 72.8



#28  
bis(2-Chloroethoxy)methane  
Concen: 37.811 ng  
RT: 10.120 min Scan# 1163  
Delta R.T. -0.003 min  
Lab File: BG062671.D  
Acq: 5 Sep 2024 17:53

Tgt Ion: 93 Resp: 191976  
Ion Ratio Lower Upper  
93 100  
95 31.3 25.4 38.0  
123 9.8 7.9 11.9





#29

2,4-Dichlorophenol

Concen: 41.212 ng

RT: 10.361 min Scan# 1204

Delta R.T. -0.003 min

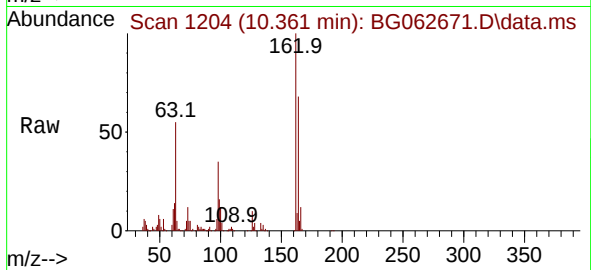
Lab File: BG062671.D

Acq: 5 Sep 2024 17:53

Instrument :

BNA\_G

ClientSampleId :



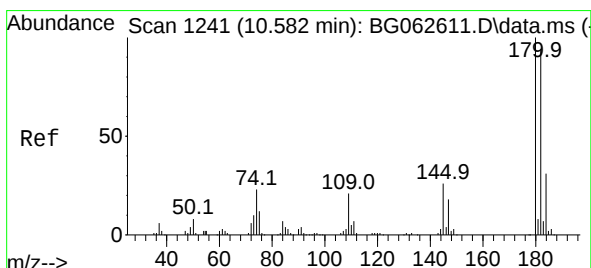
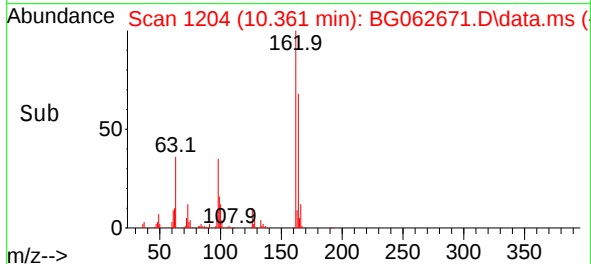
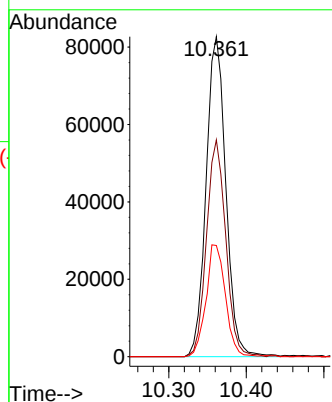
Tgt Ion:162 Resp: 146555

Ion Ratio Lower Upper

162 100

164 67.8 46.8 86.8

98 34.8 16.4 56.4



#30

1,2,4-Trichlorobenzene

Concen: 40.374 ng

RT: 10.579 min Scan# 1241

Delta R.T. -0.003 min

Lab File: BG062671.D

Acq: 5 Sep 2024 17:53

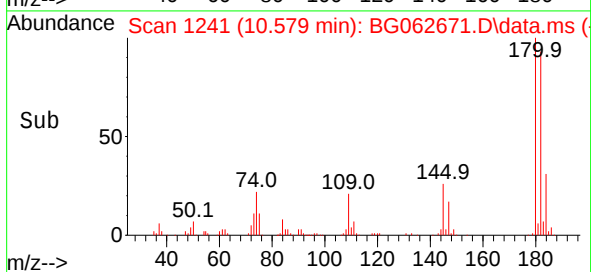
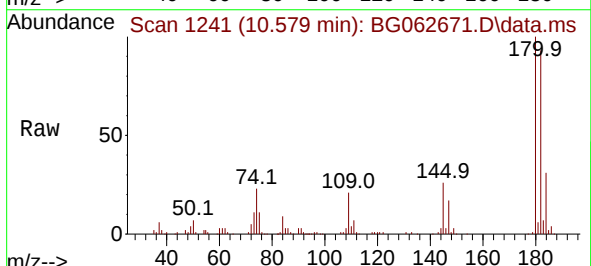
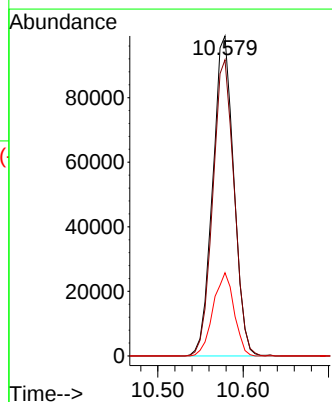
Tgt Ion:180 Resp: 170202

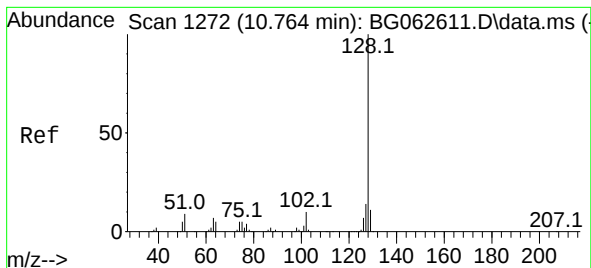
Ion Ratio Lower Upper

180 100

182 92.6 75.1 112.7

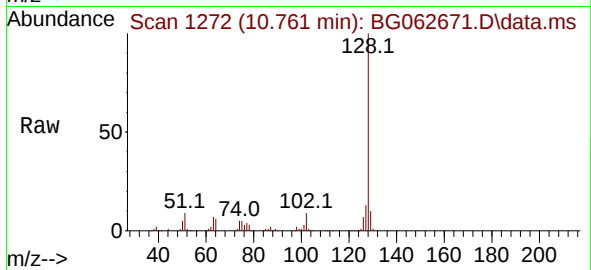
145 26.0 20.8 31.2



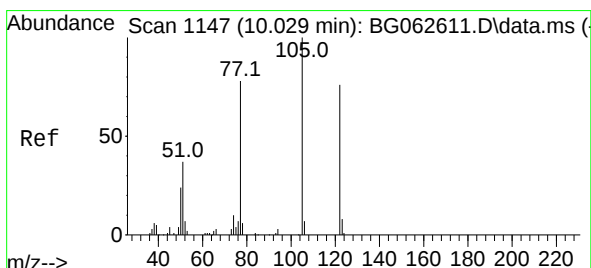
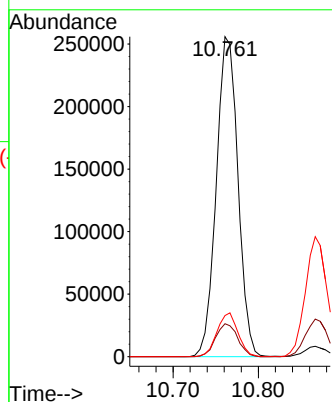
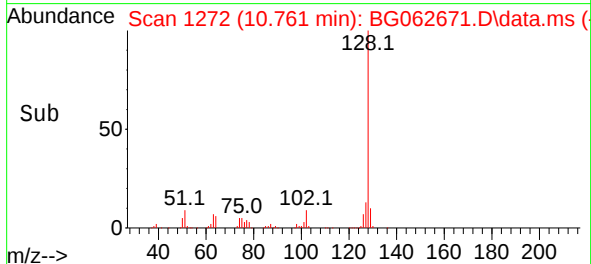


#31  
Naphthalene  
Concen: 39.230 ng  
RT: 10.761 min Scan# 1145  
Delta R.T. -0.003 min  
Lab File: BG062671.D  
Acq: 5 Sep 2024 17:53

Instrument :  
BNA\_G  
ClientSampleId :

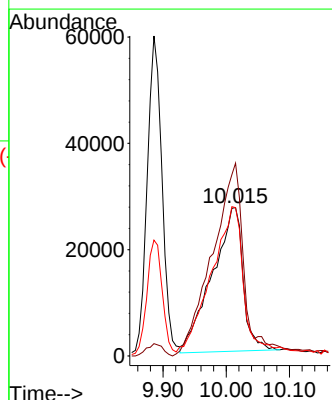
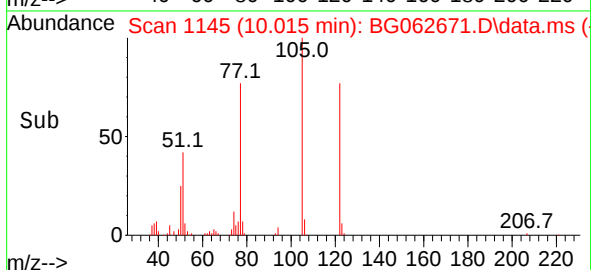
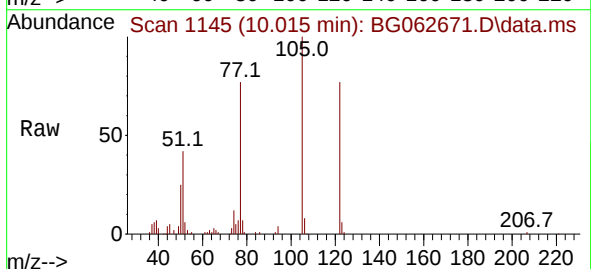


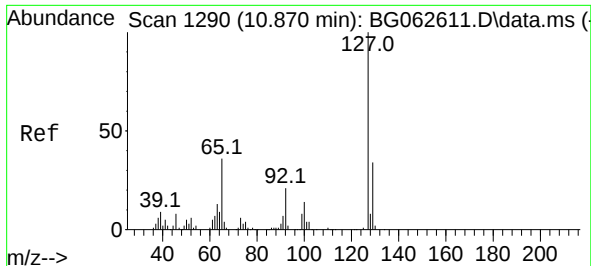
Tgt Ion:128 Resp: 452463  
Ion Ratio Lower Upper  
128 100  
129 10.3 8.8 13.2  
127 12.9 11.3 16.9



#32  
Benzoic acid  
Concen: 33.456 ng  
RT: 10.015 min Scan# 1145  
Delta R.T. -0.014 min  
Lab File: BG062671.D  
Acq: 5 Sep 2024 17:53

Tgt Ion:122 Resp: 91517  
Ion Ratio Lower Upper  
122 100  
105 130.0 105.7 145.7  
77 100.0 79.9 119.9





#33

4-Chloroaniline

Concen: 37.523 ng

RT: 10.867 min Scan# 1290

Delta R.T. -0.003 min

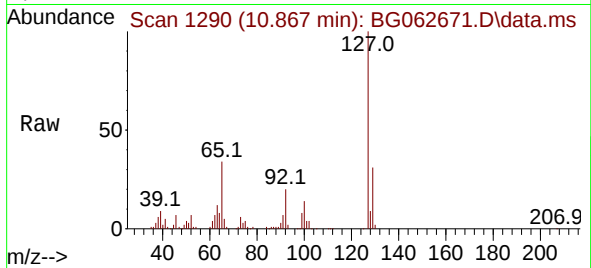
Lab File: BG062671.D

Acq: 5 Sep 2024 17:53

Instrument :

BNA\_G

ClientSampleId :



Tgt Ion:127 Resp: 170311

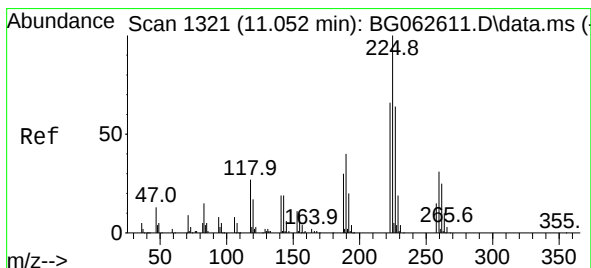
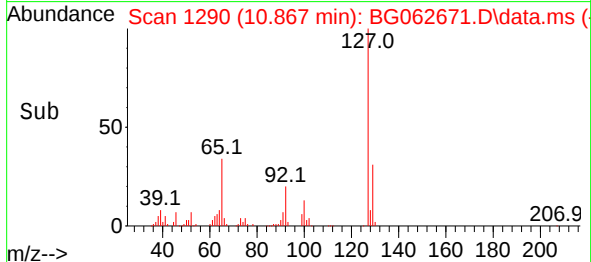
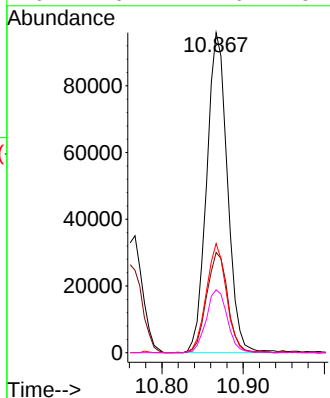
Ion Ratio Lower Upper

127 100

129 31.3 27.3 40.9

65 34.1 29.0 43.4

92 19.7 17.0 25.4



#34

Hexachlorobutadiene

Concen: 40.968 ng

RT: 11.055 min Scan# 1322

Delta R.T. 0.003 min

Lab File: BG062671.D

Acq: 5 Sep 2024 17:53

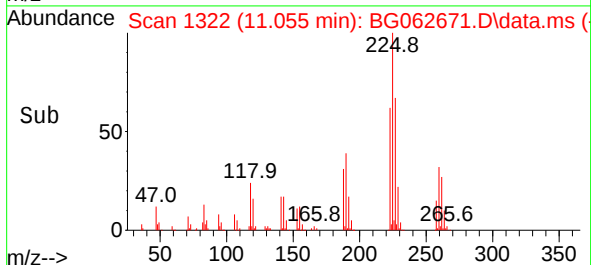
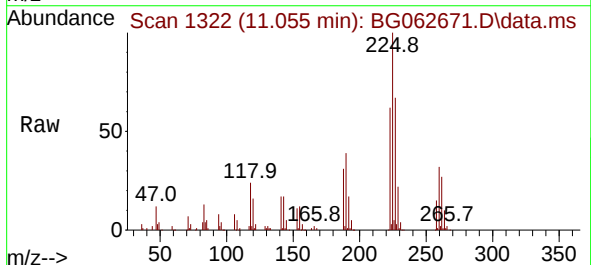
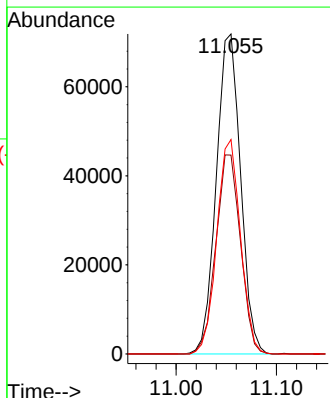
Tgt Ion:225 Resp: 120624

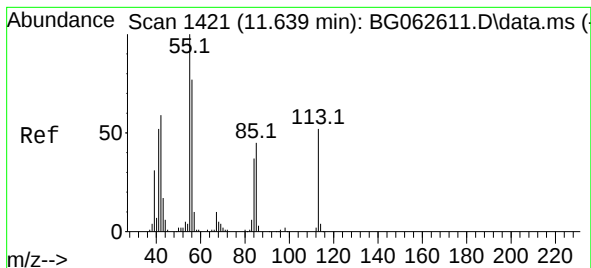
Ion Ratio Lower Upper

225 100

223 62.2 50.1 75.1

227 70.3 48.9 73.3





#35

Caprolactam

Concen: 39.113 ng

RT: 11.630 min Scan# 1421

Delta R.T. -0.009 min

Lab File: BG062671.D

Acq: 5 Sep 2024 17:53

Instrument :

BNA\_G

ClientSampleId :

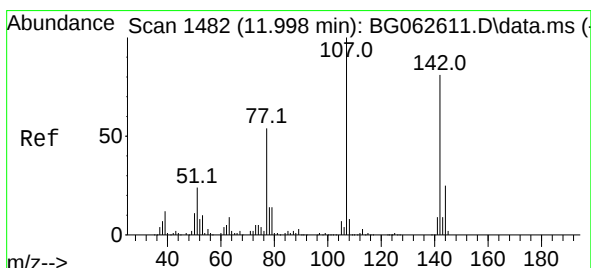
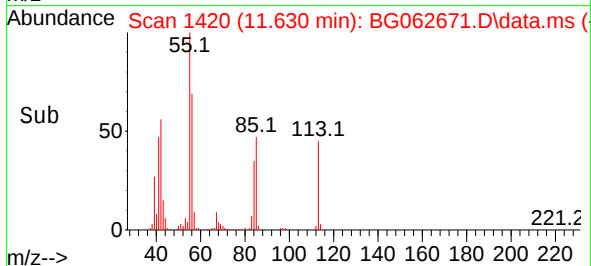
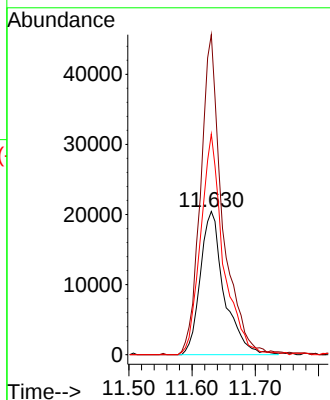
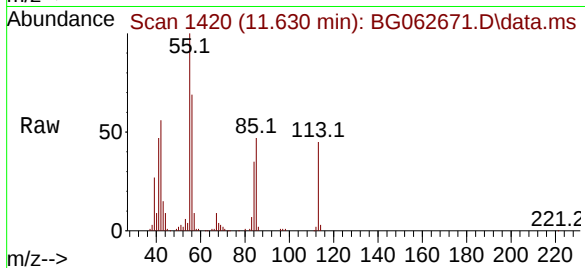
Tgt Ion:113 Resp: 53621

Ion Ratio Lower Upper

113 100

55 223.4 174.1 214.1#

56 154.1 129.8 169.8



#36

4-Chloro-3-methylphenol

Concen: 36.457 ng

RT: 11.989 min Scan# 1481

Delta R.T. -0.009 min

Lab File: BG062671.D

Acq: 5 Sep 2024 17:53

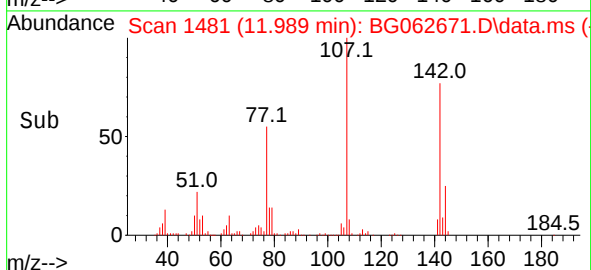
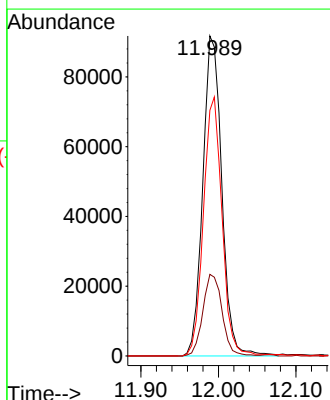
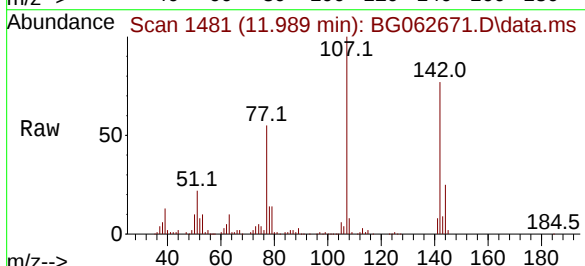
Tgt Ion:107 Resp: 156383

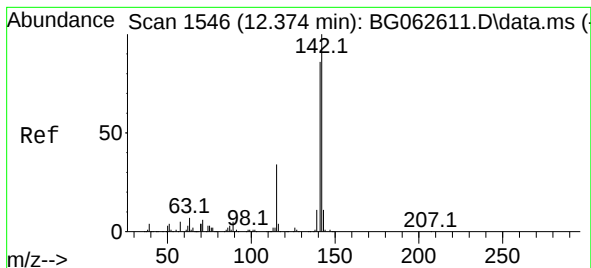
Ion Ratio Lower Upper

107 100

144 25.5 19.8 29.8

142 76.8 64.7 97.1

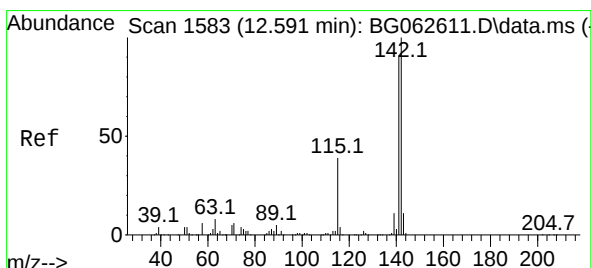
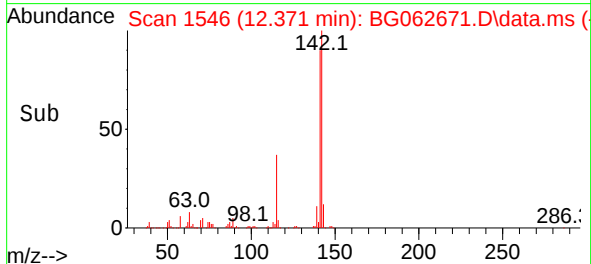
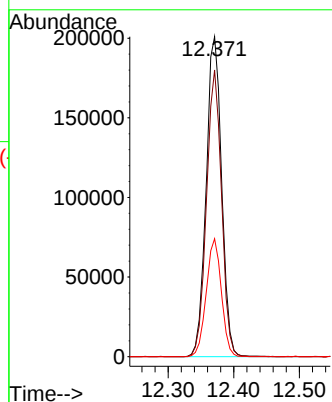
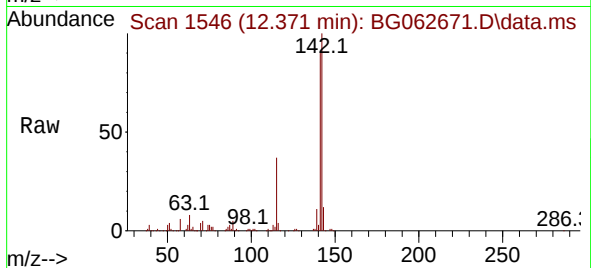




#37  
2-Methylnaphthalene  
Concen: 36.880 ng  
RT: 12.371 min Scan# 1546  
Delta R.T. -0.003 min  
Lab File: BG062671.D  
Acq: 5 Sep 2024 17:53

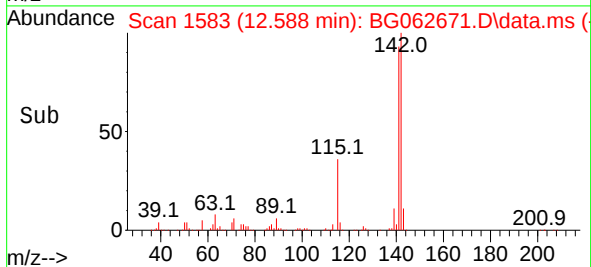
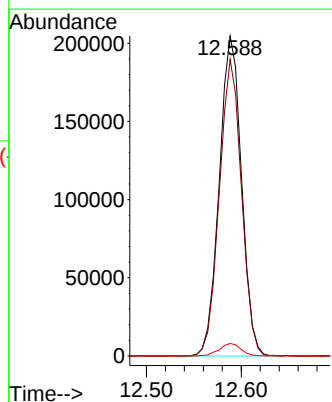
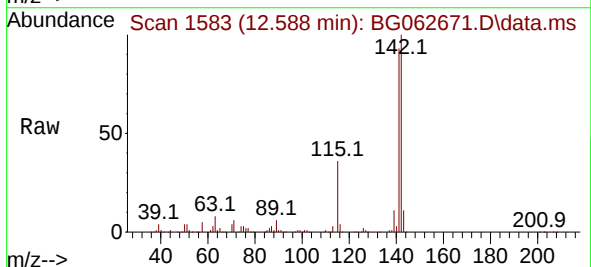
Instrument :  
BNA\_G  
ClientSampleId :

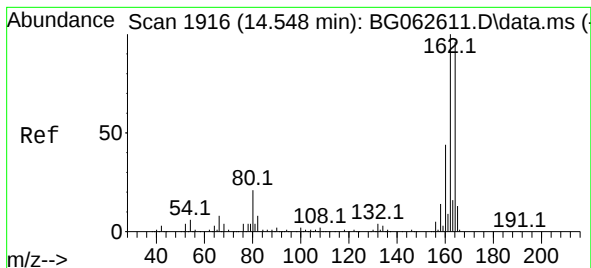
Tgt Ion:142 Resp: 329914  
Ion Ratio Lower Upper  
142 100  
141 89.6 68.9 103.3  
115 36.8 27.5 41.3



#38  
1-Methylnaphthalene  
Concen: 37.094 ng  
RT: 12.588 min Scan# 1583  
Delta R.T. -0.003 min  
Lab File: BG062671.D  
Acq: 5 Sep 2024 17:53

Tgt Ion:142 Resp: 333201  
Ion Ratio Lower Upper  
142 100  
141 92.7 73.0 109.4  
116 3.9 3.2 4.8





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.545 min Scan# 1

Delta R.T. -0.003 min

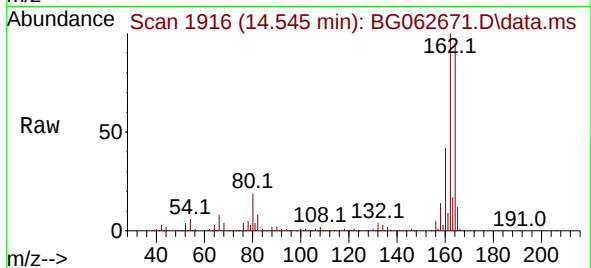
Lab File: BG062671.D

Acq: 5 Sep 2024 17:53

Instrument :

BNA\_G

ClientSampleId :



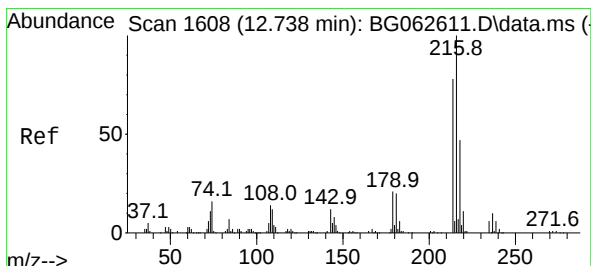
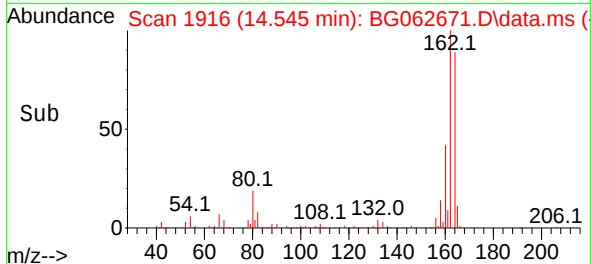
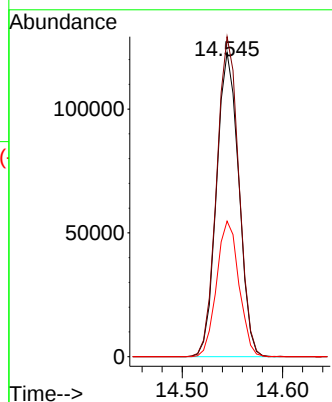
Tgt Ion:164 Resp: 188598

Ion Ratio Lower Upper

164 100

162 105.2 83.1 124.7

160 44.5 36.2 54.4



#40

1,2,4,5-Tetrachlorobenzene

Concen: 39.814 ng

RT: 12.735 min Scan# 1608

Delta R.T. -0.003 min

Lab File: BG062671.D

Acq: 5 Sep 2024 17:53

Tgt Ion:216 Resp: 225814

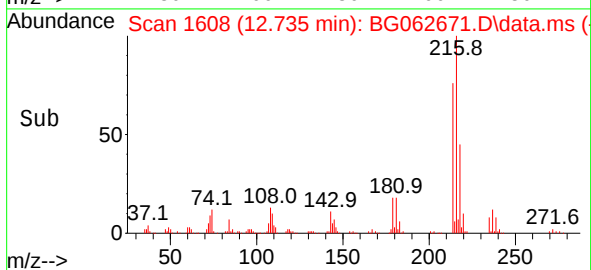
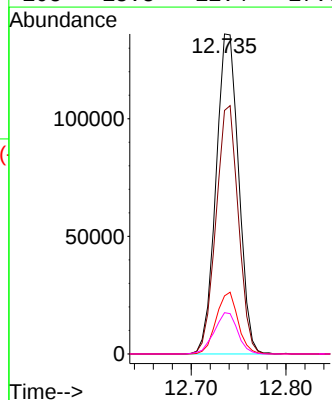
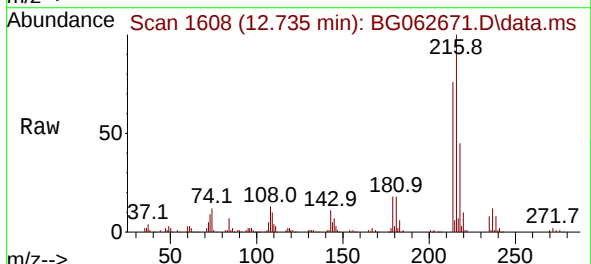
Ion Ratio Lower Upper

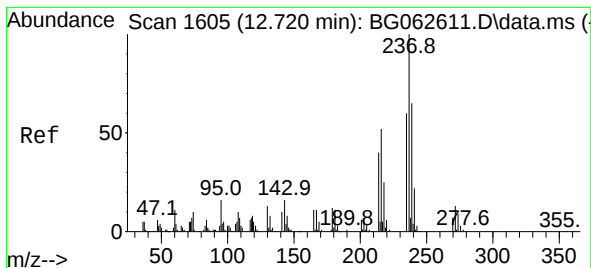
216 100

214 76.5 61.6 92.4

179 18.6 15.9 23.9

108 13.3 11.4 17.0

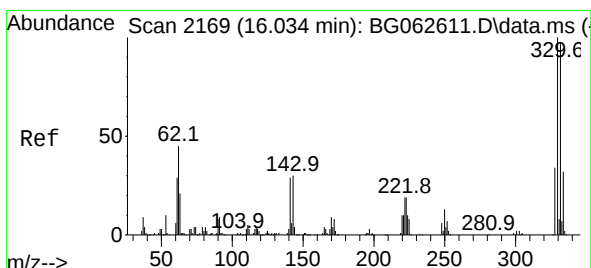
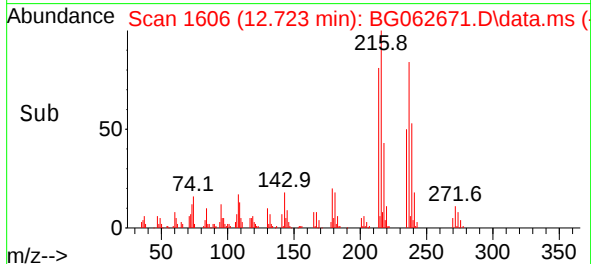
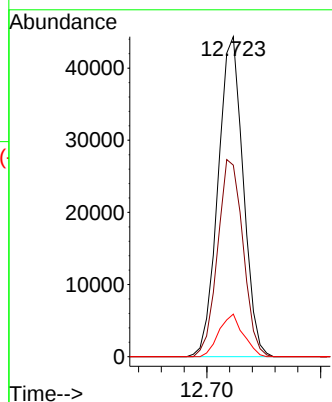
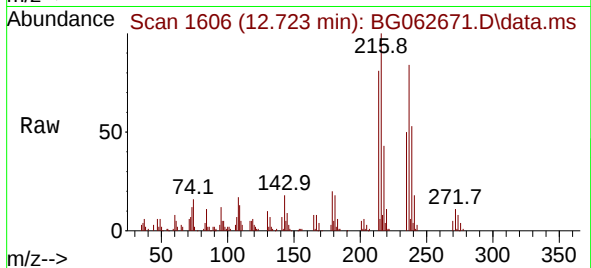




#41  
Hexachlorocyclopentadiene  
Concen: 42.115 ng  
RT: 12.723 min Scan# 1  
Delta R.T. 0.003 min  
Lab File: BG062671.D  
Acq: 5 Sep 2024 17:53

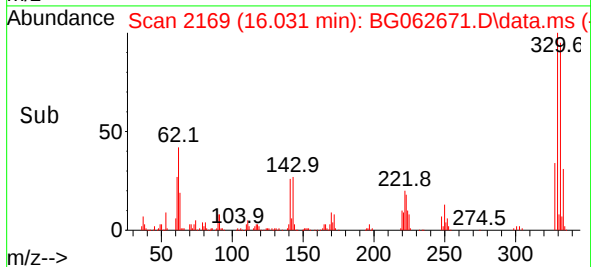
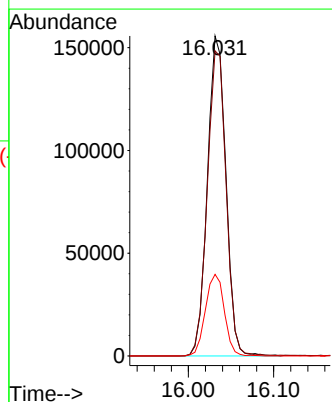
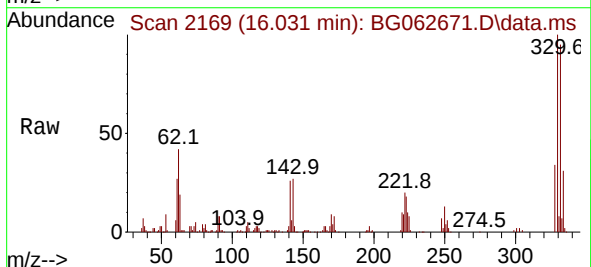
Instrument :  
BNA\_G  
ClientSampleId :

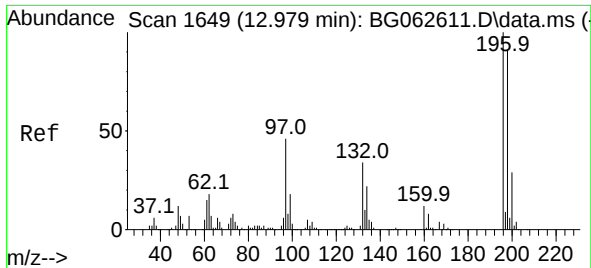
Tgt Ion:237 Resp: 68152  
Ion Ratio Lower Upper  
237 100  
235 59.9 40.4 80.4  
272 13.3 0.0 32.7



#42  
2,4,6-Tribromophenol  
Concen: 88.350 ng  
RT: 16.031 min Scan# 2169  
Delta R.T. -0.003 min  
Lab File: BG062671.D  
Acq: 5 Sep 2024 17:53

Tgt Ion:330 Resp: 234496  
Ion Ratio Lower Upper  
330 100  
332 97.2 77.2 115.8  
141 26.1 22.2 33.4





#43

2,4,6-Trichlorophenol

Concen: 39.225 ng

RT: 12.976 min Scan# 1

Delta R.T. -0.003 min

Lab File: BG062671.D

Acq: 5 Sep 2024 17:53

Instrument :

BNA\_G

ClientSampleId :

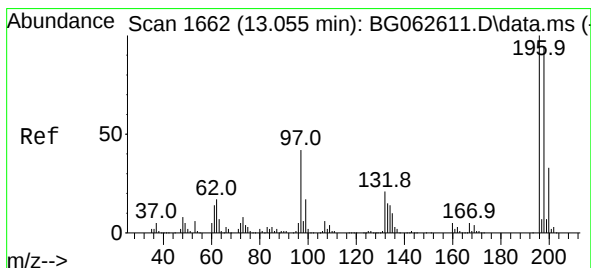
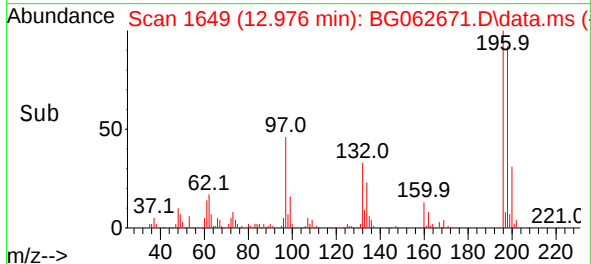
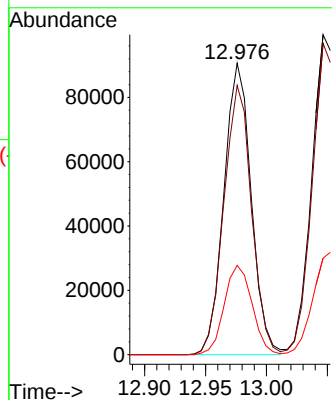
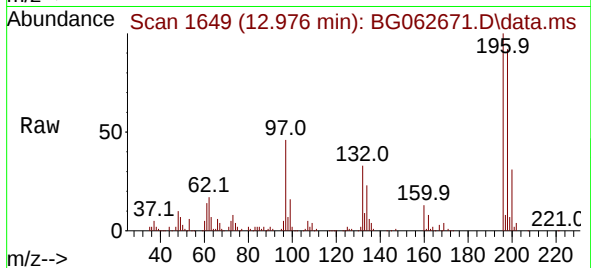
Tgt Ion:196 Resp: 141034

Ion Ratio Lower Upper

196 100

198 92.4 72.8 109.2

200 30.7 23.5 35.3



#44

2,4,5-Trichlorophenol

Concen: 39.975 ng

RT: 13.046 min Scan# 1661

Delta R.T. -0.009 min

Lab File: BG062671.D

Acq: 5 Sep 2024 17:53

Tgt Ion:196 Resp: 162774

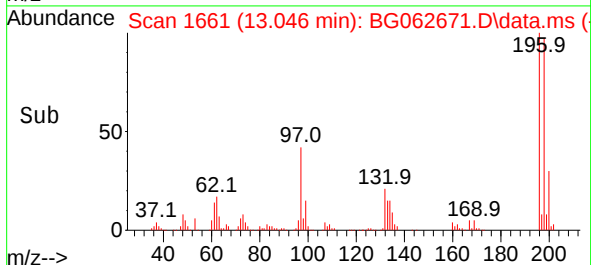
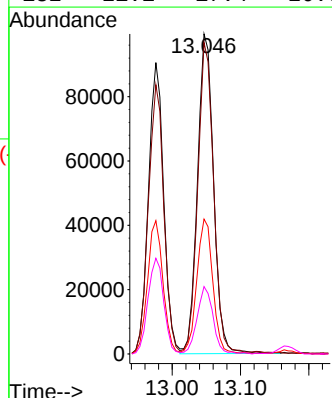
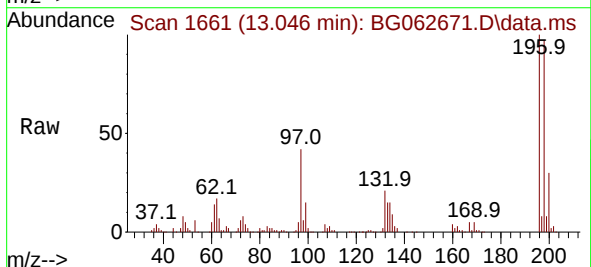
Ion Ratio Lower Upper

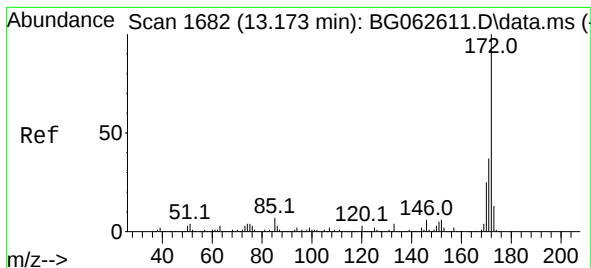
196 100

198 97.3 75.5 113.3

97 42.1 34.1 51.1

132 21.1 17.4 26.0





#45

2-Fluorobiphenyl

Concen: 75.912 ng

RT: 13.170 min Scan# 1

Delta R.T. -0.003 min

Lab File: BG062671.D

Acq: 5 Sep 2024 17:53

Instrument :

BNA\_G

ClientSampleId :

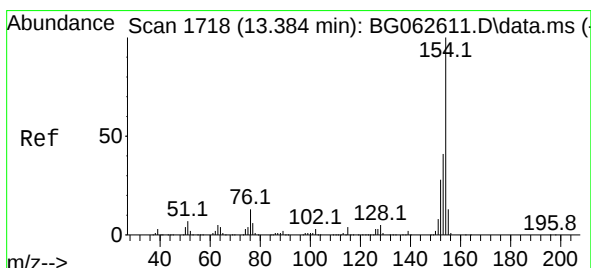
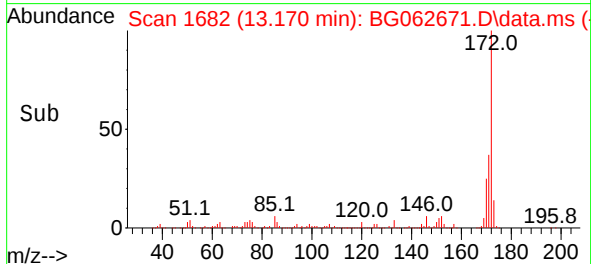
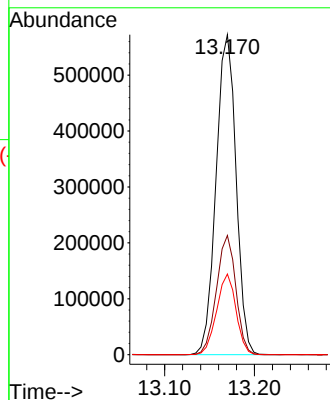
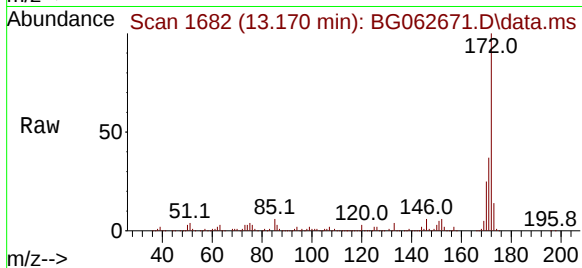
Tgt Ion:172 Resp: 883867

Ion Ratio Lower Upper

172 100

171 37.3 29.7 44.5

170 25.2 20.0 30.0



#46

1,1'-Biphenyl

Concen: 38.084 ng

RT: 13.381 min Scan# 1718

Delta R.T. -0.003 min

Lab File: BG062671.D

Acq: 5 Sep 2024 17:53

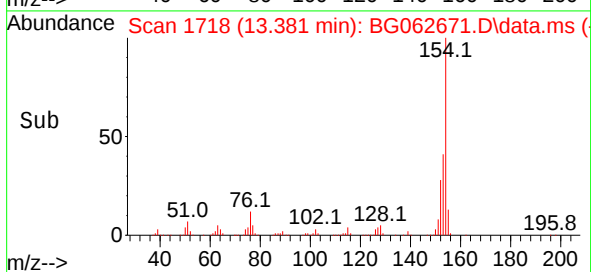
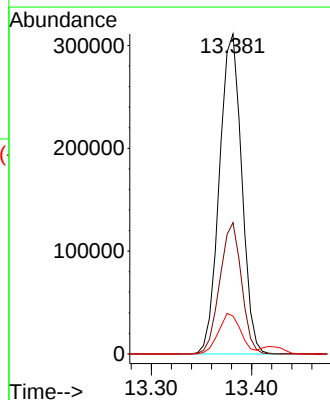
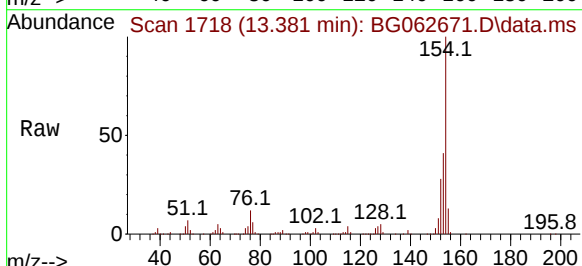
Tgt Ion:154 Resp: 479178

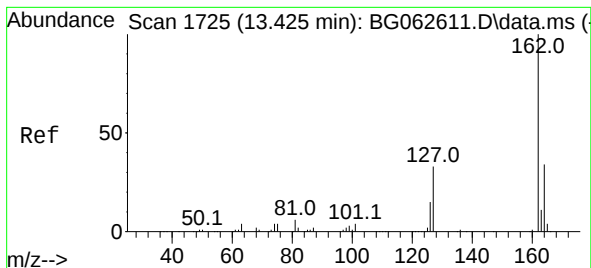
Ion Ratio Lower Upper

154 100

153 41.1 20.8 60.8

76 11.9 0.0 33.4





#47

2-Chloronaphthalene

Concen: 38.012 ng

RT: 13.422 min Scan# 1

Delta R.T. -0.003 min

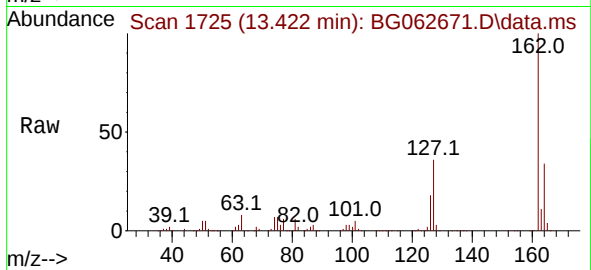
Lab File: BG062671.D

Acq: 5 Sep 2024 17:53

Instrument :

BNA\_G

ClientSampleId :



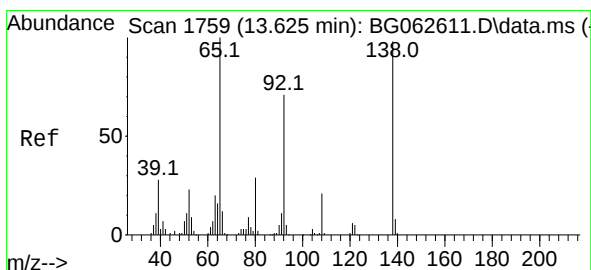
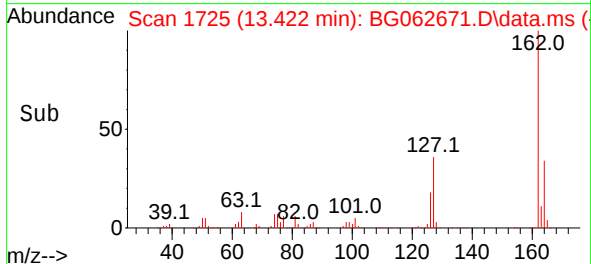
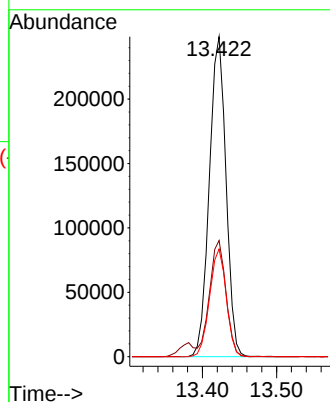
Tgt Ion:162 Resp: 387617

Ion Ratio Lower Upper

162 100

127 36.3 28.7 43.1

164 33.6 26.9 40.3



#48

2-Nitroaniline

Concen: 43.603 ng

RT: 13.622 min Scan# 1759

Delta R.T. -0.003 min

Lab File: BG062671.D

Acq: 5 Sep 2024 17:53

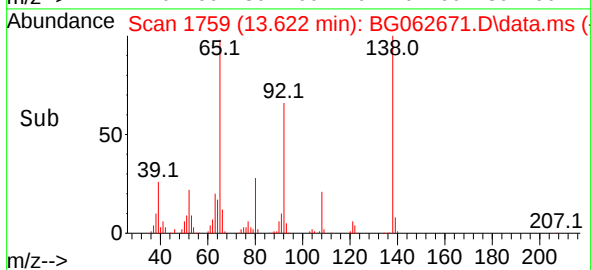
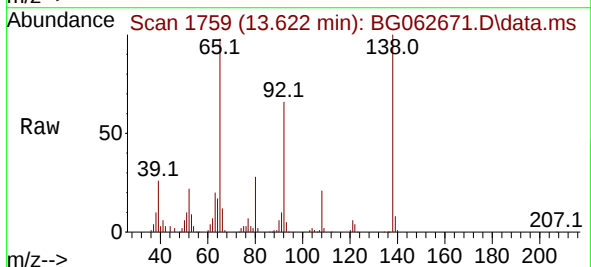
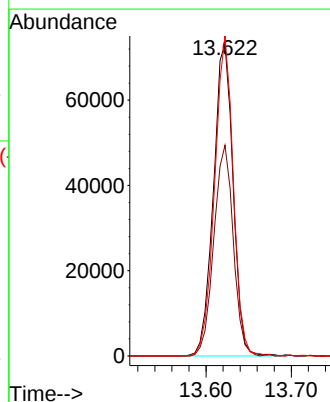
Tgt Ion: 65 Resp: 116944

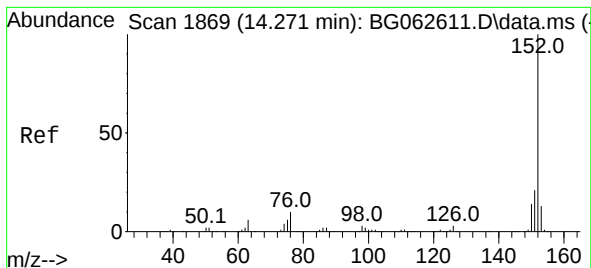
Ion Ratio Lower Upper

65 100

92 67.5 56.6 84.8

138 102.6 78.7 118.1





#49

Acenaphthylene

Concen: 39.267 ng

RT: 14.269 min Scan# 1869

Delta R.T. -0.003 min

Lab File: BG062671.D

Acq: 5 Sep 2024 17:53

Instrument :

BNA\_G

ClientSampleId :

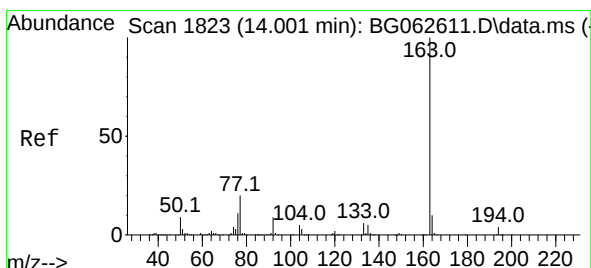
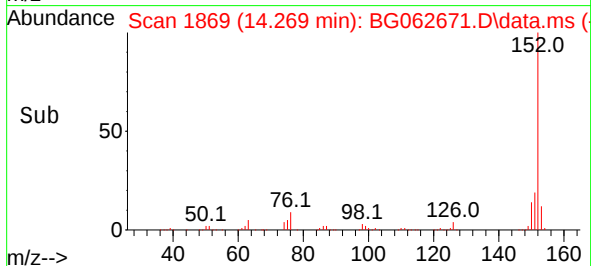
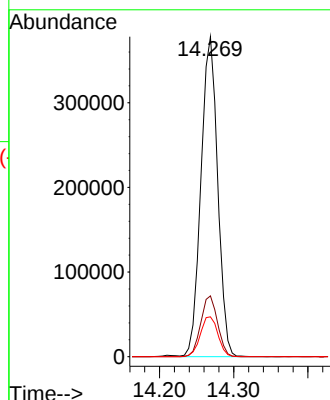
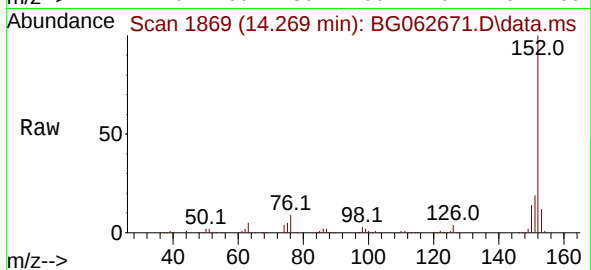
Tgt Ion:152 Resp: 592963

Ion Ratio Lower Upper

152 100

151 19.0 16.6 24.8

153 12.4 10.2 15.4



#50

Dimethylphthalate

Concen: 38.742 ng

RT: 13.998 min Scan# 1823

Delta R.T. -0.003 min

Lab File: BG062671.D

Acq: 5 Sep 2024 17:53

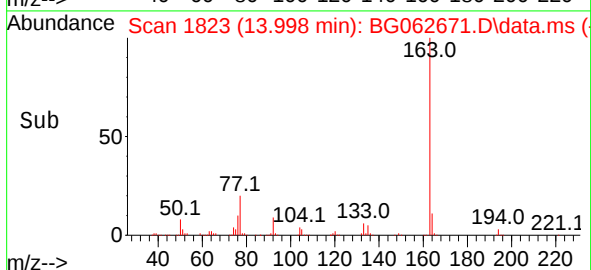
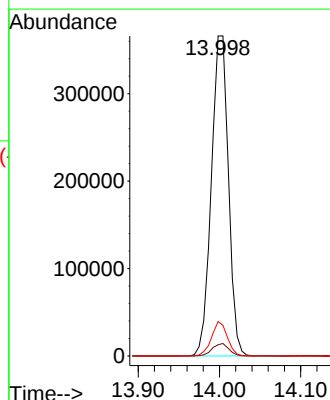
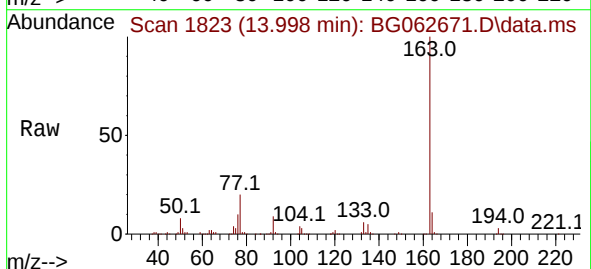
Tgt Ion:163 Resp: 534278

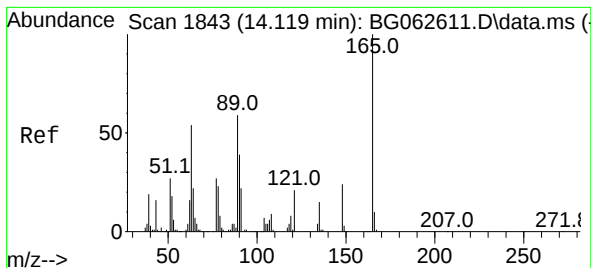
Ion Ratio Lower Upper

163 100

194 3.5 2.9 4.3

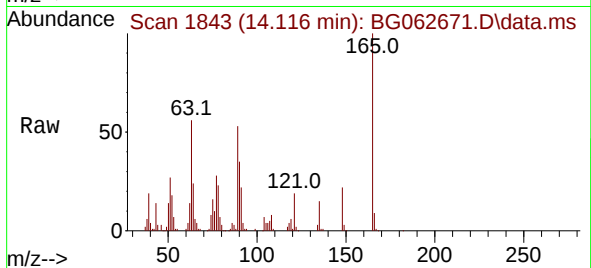
164 10.7 8.3 12.5



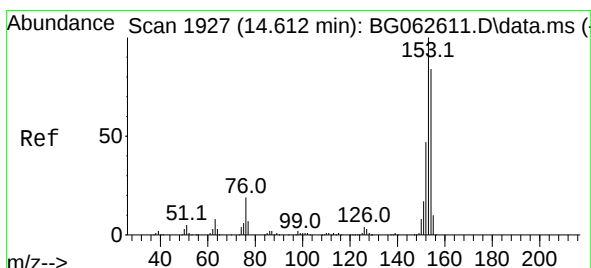
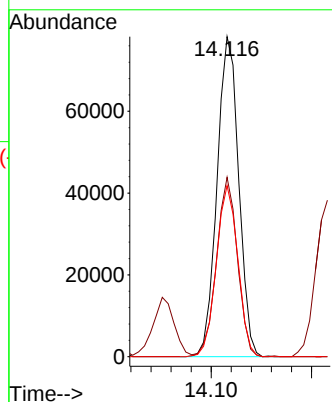
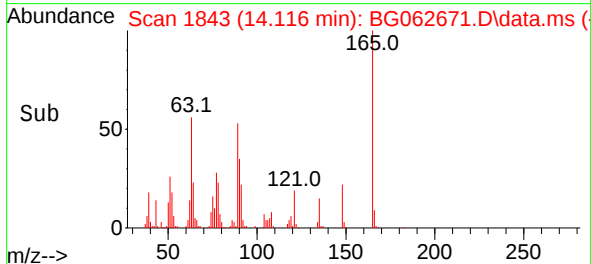


#51  
2,6-Dinitrotoluene  
Concen: 44.914 ng  
RT: 14.116 min Scan# 11  
Delta R.T. -0.003 min  
Lab File: BG062671.D  
Acq: 5 Sep 2024 17:53

Instrument :  
BNA\_G  
ClientSampleId :

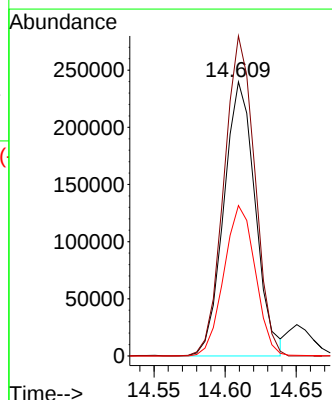
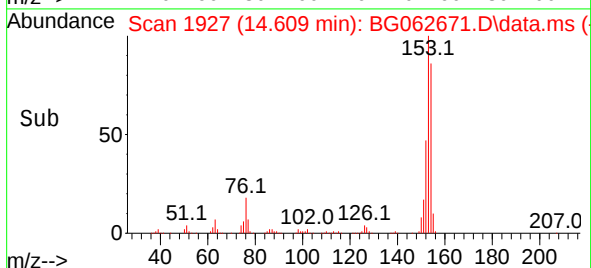
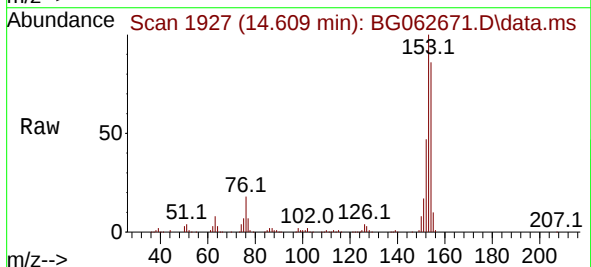


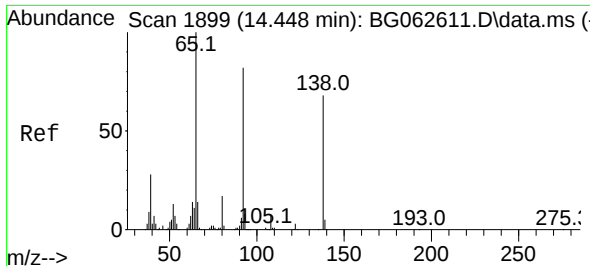
Tgt Ion:165 Resp: 117159  
Ion Ratio Lower Upper  
165 100  
63 56.1 46.6 69.8  
89 53.5 47.2 70.8



#52  
Acenaphthene  
Concen: 39.127 ng  
RT: 14.609 min Scan# 1927  
Delta R.T. -0.003 min  
Lab File: BG062671.D  
Acq: 5 Sep 2024 17:53

Tgt Ion:154 Resp: 369357  
Ion Ratio Lower Upper  
154 100  
153 116.7 95.0 142.4  
152 54.8 45.0 67.6

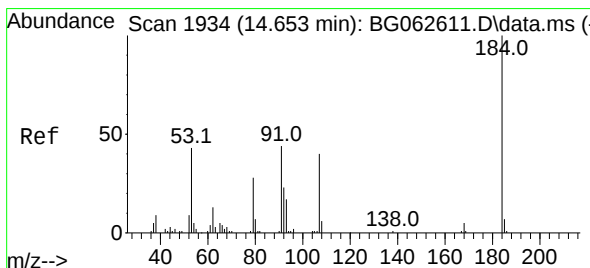
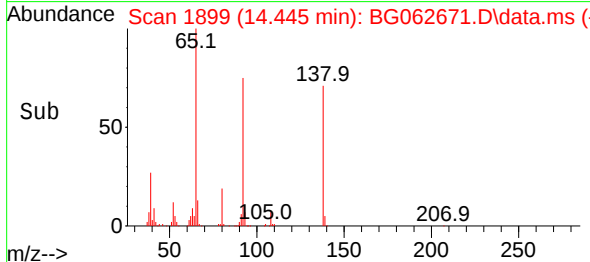
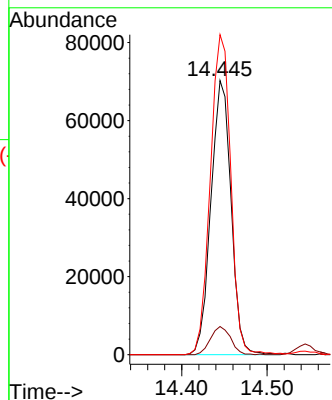
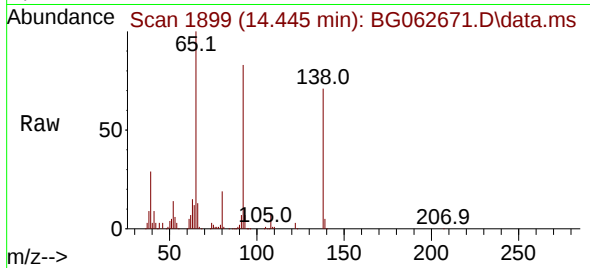




#53  
3-Nitroaniline  
Concen: 45.640 ng  
RT: 14.445 min Scan# 1899  
Delta R.T. -0.003 min  
Lab File: BG062671.D  
Acq: 5 Sep 2024 17:53

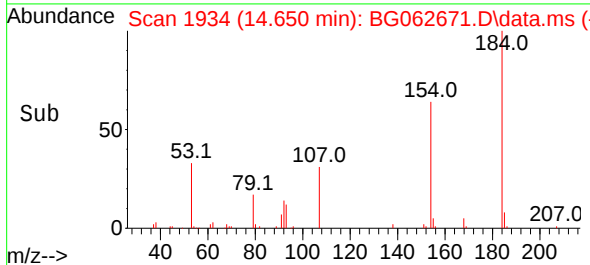
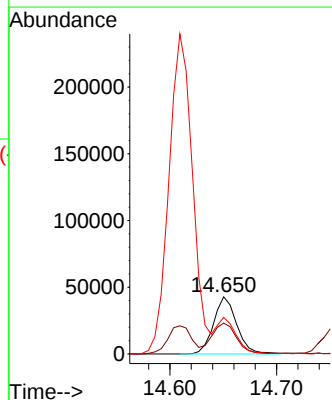
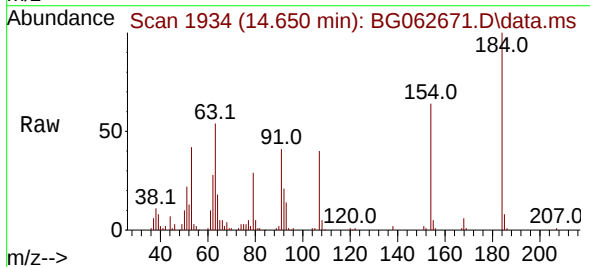
Instrument :  
BNA\_G  
ClientSampleId :

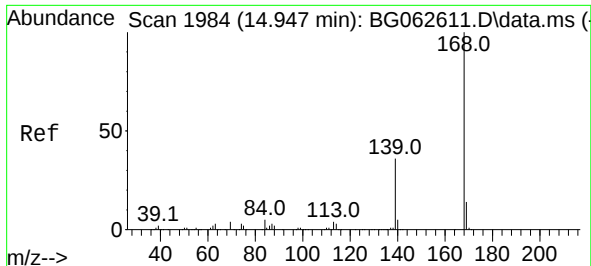
Tgt Ion:138 Resp: 115196  
Ion Ratio Lower Upper  
138 100  
108 10.3 8.6 13.0  
92 116.8 95.7 143.5



#54  
2,4-Dinitrophenol  
Concen: 43.982 ng  
RT: 14.650 min Scan# 1934  
Delta R.T. -0.003 min  
Lab File: BG062671.D  
Acq: 5 Sep 2024 17:53

Tgt Ion:184 Resp: 64383  
Ion Ratio Lower Upper  
184 100  
63 54.0 49.0 73.4  
154 64.0 50.5 75.7





#55

Dibenzenofuran

Concen: 39.830 ng

RT: 14.944 min Scan# 1984

Delta R.T. -0.003 min

Lab File: BG062671.D

Acq: 5 Sep 2024 17:53

Instrument :

BNA\_G

ClientSampleId :

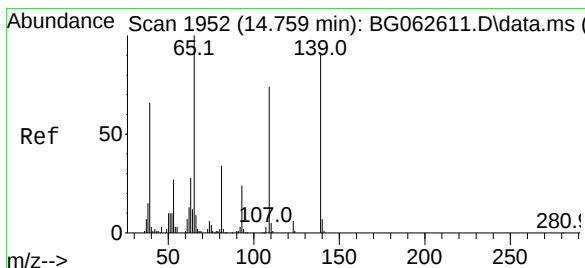
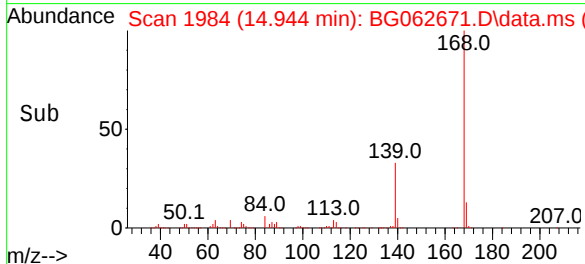
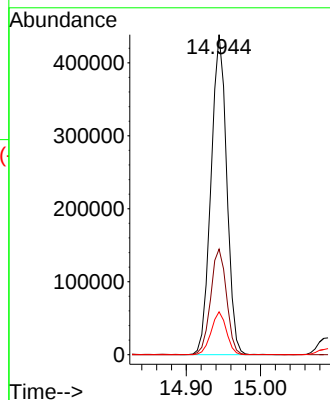
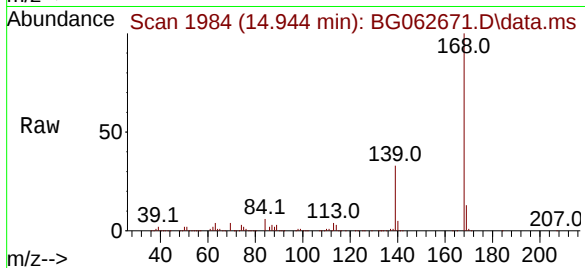
Tgt Ion:168 Resp: 644819

Ion Ratio Lower Upper

168 100

139 33.0 28.6 42.8

169 13.4 11.0 16.6



#56

4-Nitrophenol

Concen: 45.162 ng

RT: 14.756 min Scan# 1952

Delta R.T. -0.003 min

Lab File: BG062671.D

Acq: 5 Sep 2024 17:53

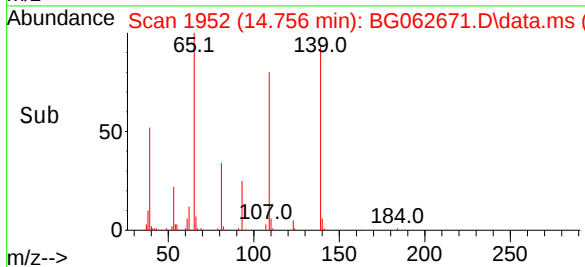
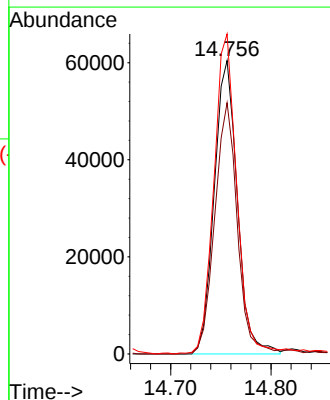
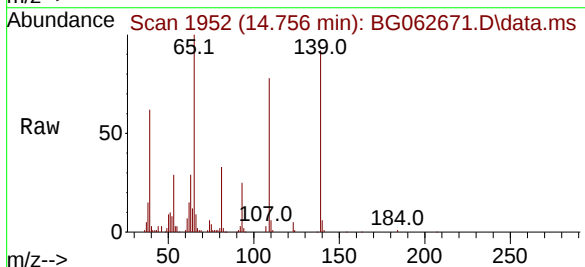
Tgt Ion:139 Resp: 96603

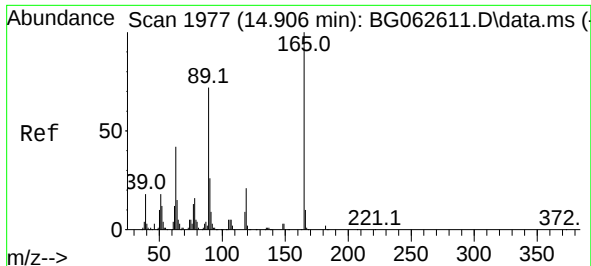
Ion Ratio Lower Upper

139 100

109 85.6 61.2 101.2

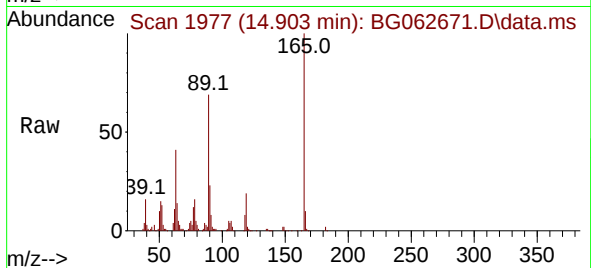
65 109.1 90.2 130.2



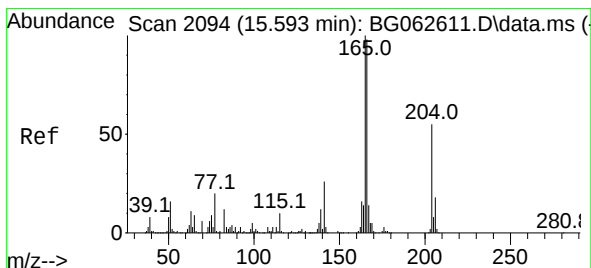
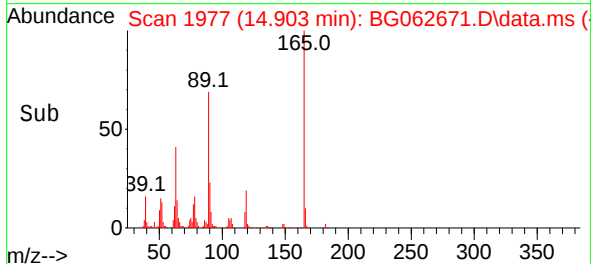
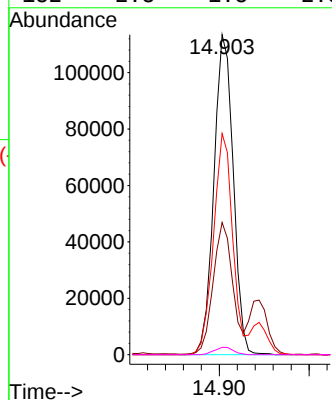


#57  
2,4-Dinitrotoluene  
Concen: 47.593 ng  
RT: 14.903 min Scan# 1977  
Delta R.T. -0.003 min  
Lab File: BG062671.D  
Acq: 5 Sep 2024 17:53

Instrument :  
BNA\_G  
ClientSampleId :

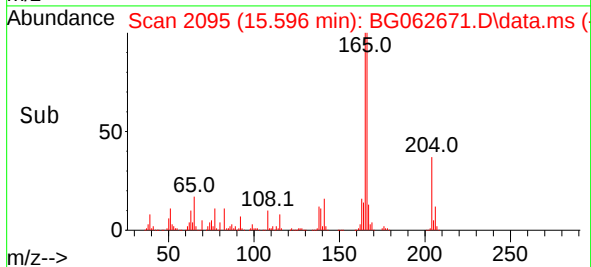
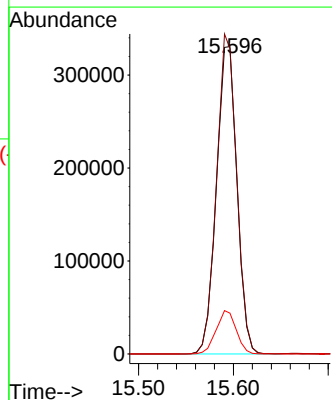
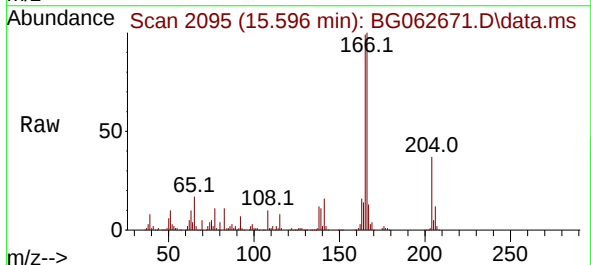


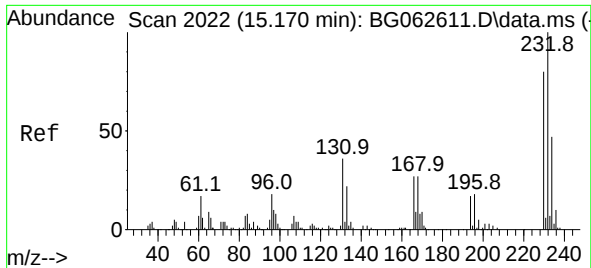
Tgt Ion:165 Resp: 169388  
Ion Ratio Lower Upper  
165 100  
63 41.3 33.8 50.6  
89 69.1 57.9 86.9  
182 2.3 1.8 2.8



#58  
Fluorene  
Concen: 39.313 ng  
RT: 15.596 min Scan# 2095  
Delta R.T. 0.003 min  
Lab File: BG062671.D  
Acq: 5 Sep 2024 17:53

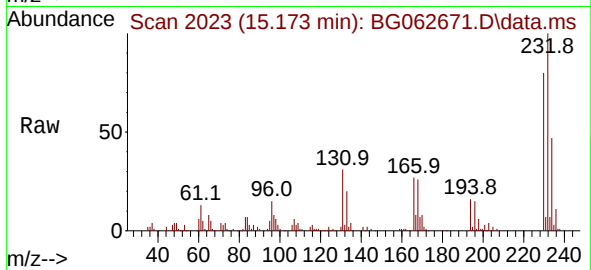
Tgt Ion:166 Resp: 499479  
Ion Ratio Lower Upper  
166 100  
165 99.3 82.0 123.0  
167 13.3 11.3 16.9



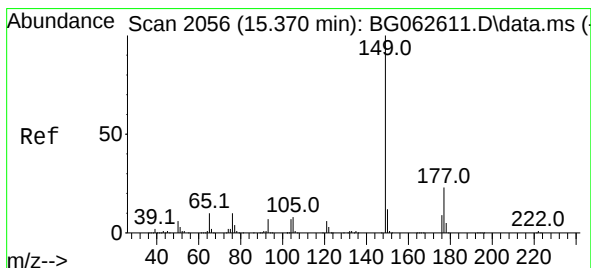
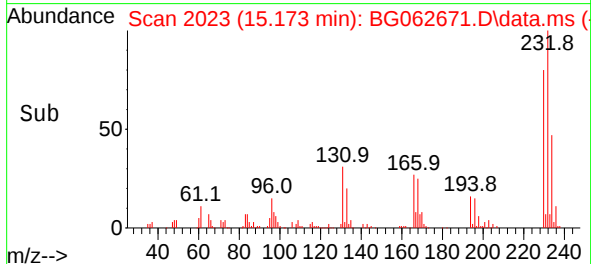
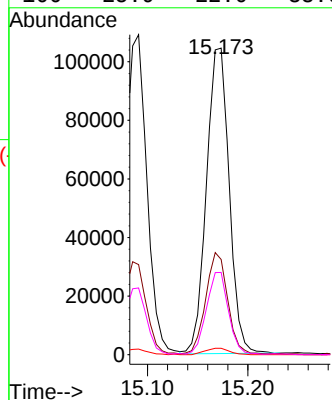


#59  
2,3,4,6-Tetrachlorophenol  
Concen: 42.659 ng  
RT: 15.173 min Scan# 2022  
Delta R.T. 0.003 min  
Lab File: BG062671.D  
Acq: 5 Sep 2024 17:53

Instrument :  
BNA\_G  
ClientSampleId :

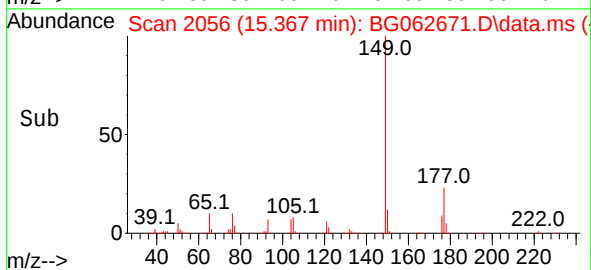
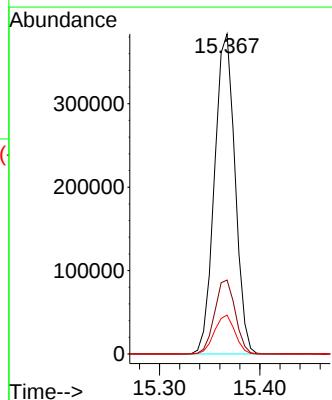
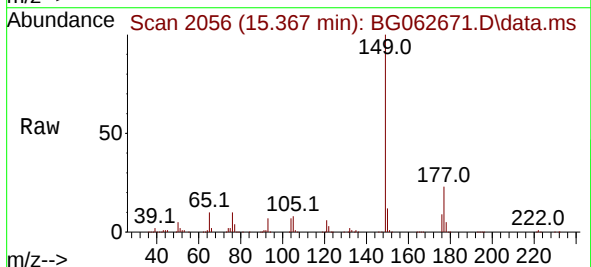


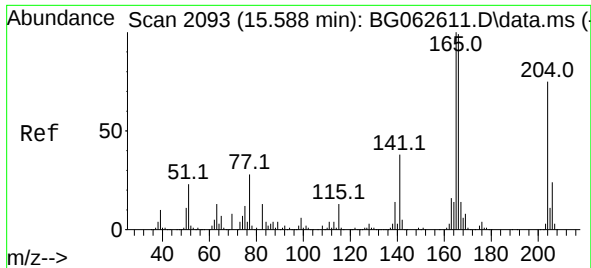
Tgt Ion:232 Resp: 164549  
Ion Ratio Lower Upper  
232 100  
131 31.9 28.3 42.5  
130 2.2 1.7 2.5  
166 25.9 22.0 33.0



#60  
Diethylphthalate  
Concen: 39.783 ng  
RT: 15.367 min Scan# 2056  
Delta R.T. -0.003 min  
Lab File: BG062671.D  
Acq: 5 Sep 2024 17:53

Tgt Ion:149 Resp: 543773  
Ion Ratio Lower Upper  
149 100  
177 23.1 18.0 27.0  
150 12.2 9.8 14.8

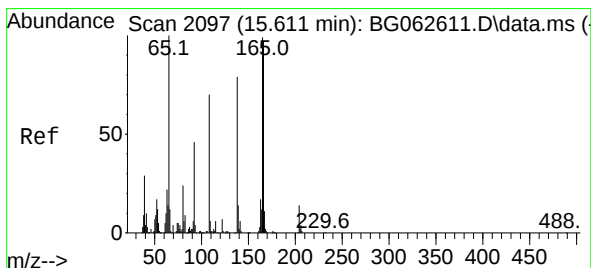
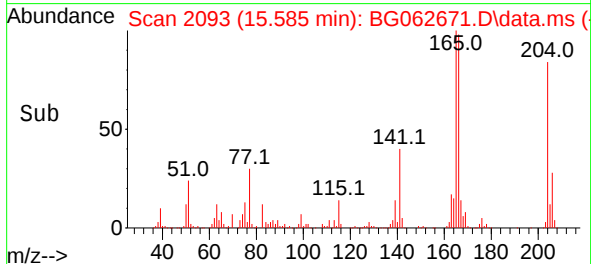
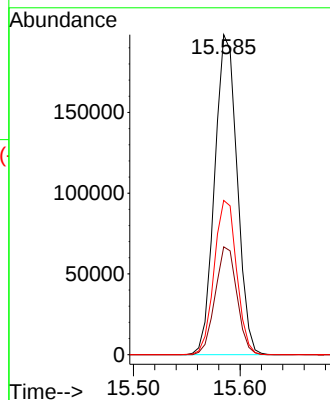
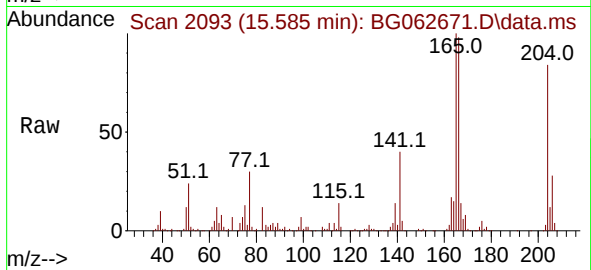




#61  
4-Chlorophenyl-phenylether  
Concen: 39.715 ng  
RT: 15.585 min Scan# 2093  
Delta R.T. -0.003 min  
Lab File: BG062671.D  
Acq: 5 Sep 2024 17:53

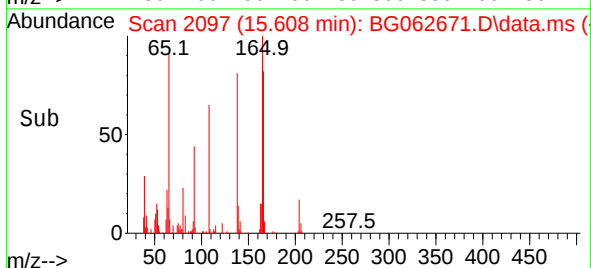
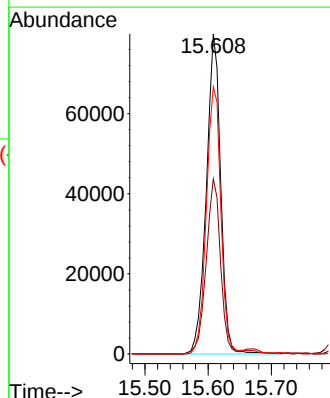
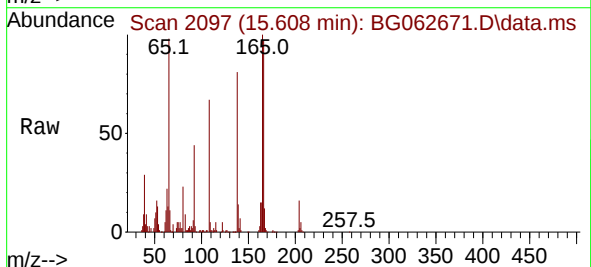
Instrument :  
BNA\_G  
ClientSampleId :

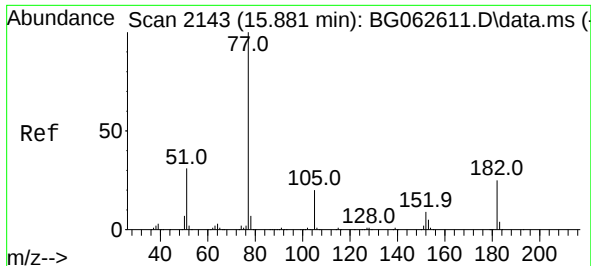
Tgt Ion:204 Resp: 289679  
Ion Ratio Lower Upper  
204 100  
206 33.7 25.9 38.9  
141 48.2 41.0 61.6



#62  
4-Nitroaniline  
Concen: 45.245 ng  
RT: 15.608 min Scan# 2097  
Delta R.T. -0.003 min  
Lab File: BG062671.D  
Acq: 5 Sep 2024 17:53

Tgt Ion:138 Resp: 125918  
Ion Ratio Lower Upper  
138 100  
92 54.7 38.4 78.4  
108 83.4 69.0 109.0

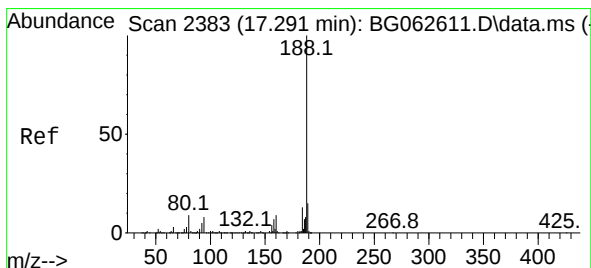
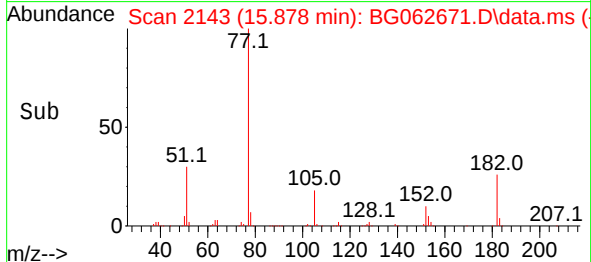
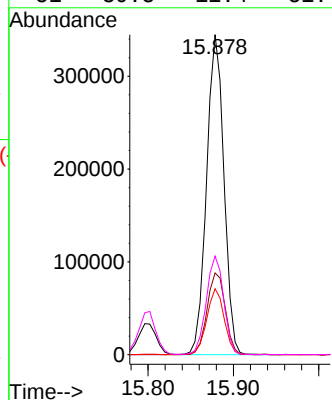
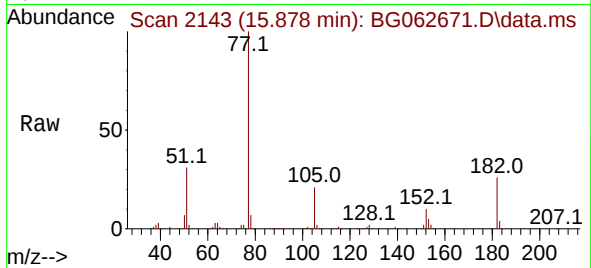




#63  
Azobenzene  
Concen: 37.978 ng  
RT: 15.878 min Scan# 2143  
Delta R.T. -0.003 min  
Lab File: BG062671.D  
Acq: 5 Sep 2024 17:53

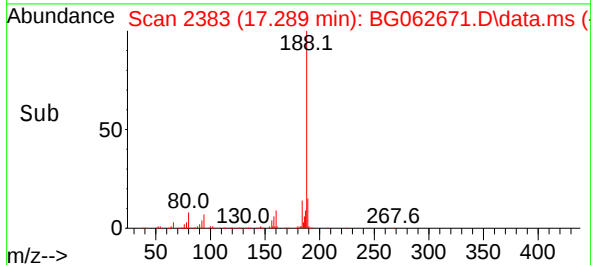
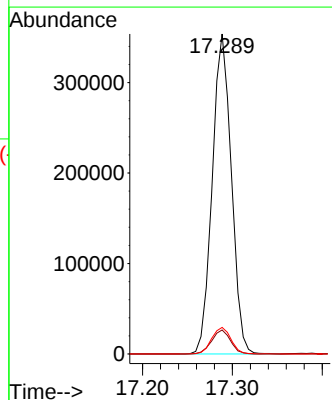
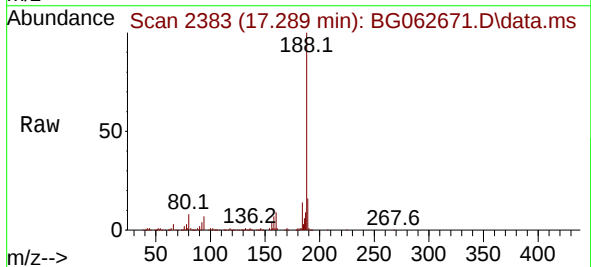
Instrument :  
BNA\_G  
ClientSampleId :

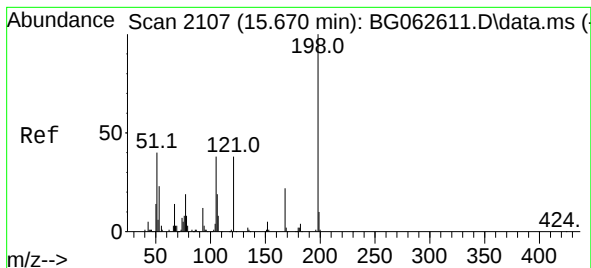
Tgt Ion: 77 Resp: 487443  
Ion Ratio Lower Upper  
77 100  
182 25.6 5.0 45.0  
105 20.6 0.5 40.5  
51 30.8 11.4 51.4



#64  
Phenanthrene-d10  
Concen: 20.000 ng  
RT: 17.289 min Scan# 2383  
Delta R.T. -0.003 min  
Lab File: BG062671.D  
Acq: 5 Sep 2024 17:53

Tgt Ion:188 Resp: 521889  
Ion Ratio Lower Upper  
188 100  
94 7.5 6.3 9.5  
80 8.3 7.0 10.4

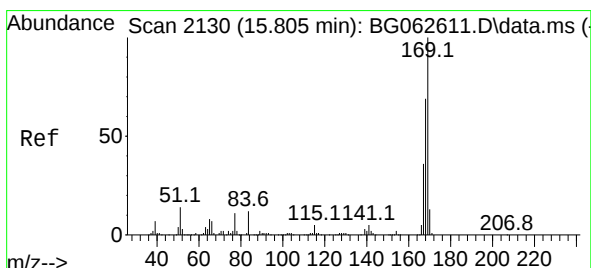
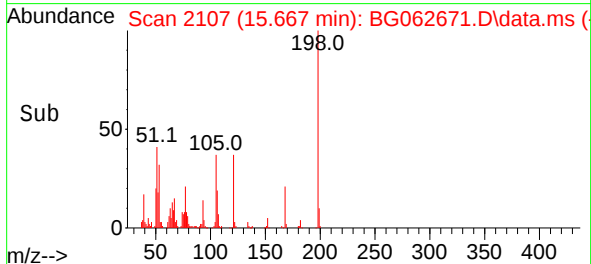
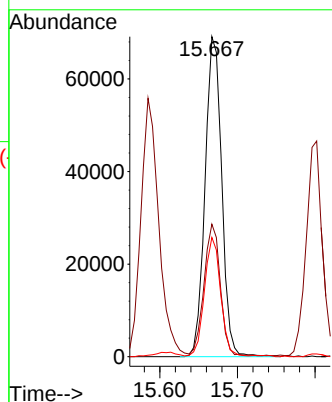
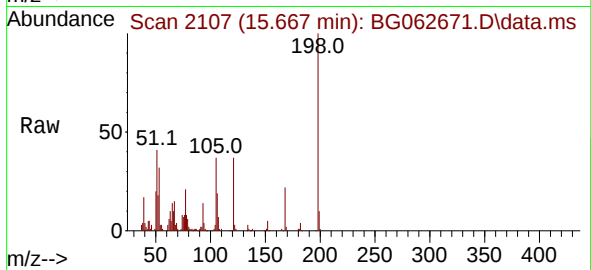




#65  
4,6-Dinitro-2-methylphenol  
Concen: 44.304 ng  
RT: 15.667 min Scan# 2107  
Delta R.T. -0.003 min  
Lab File: BG062671.D  
Acq: 5 Sep 2024 17:53

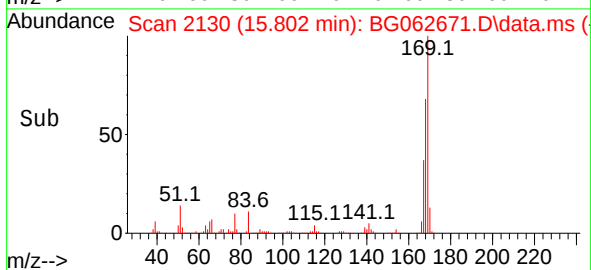
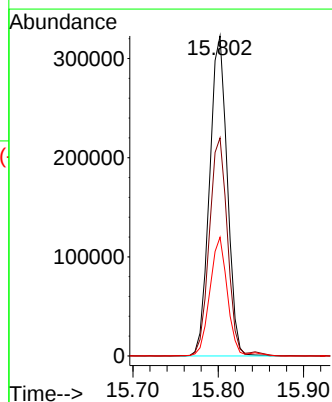
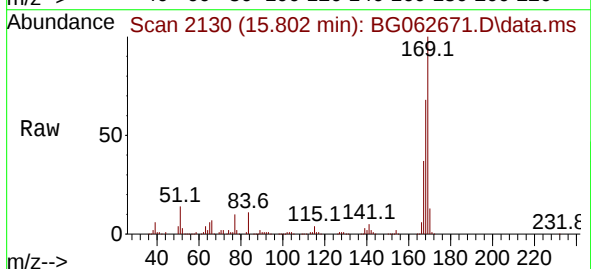
Instrument :  
BNA\_G  
ClientSampleId :

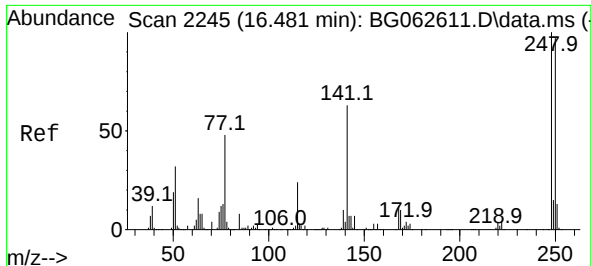
Tgt Ion:198 Resp: 103185  
Ion Ratio Lower Upper  
198 100  
51 41.4 25.1 65.1  
105 37.2 18.3 58.3



#66  
n-Nitrosodiphenylamine  
Concen: 37.093 ng  
RT: 15.802 min Scan# 2130  
Delta R.T. -0.003 min  
Lab File: BG062671.D  
Acq: 5 Sep 2024 17:53

Tgt Ion:169 Resp: 465430  
Ion Ratio Lower Upper  
169 100  
168 68.2 55.4 83.2  
167 37.1 29.0 43.6

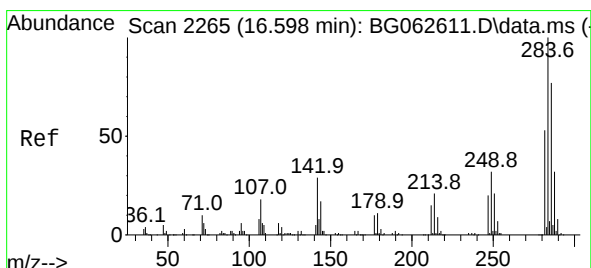
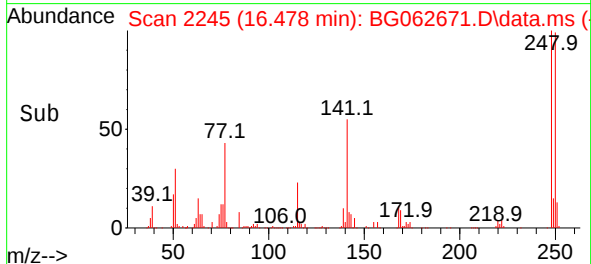
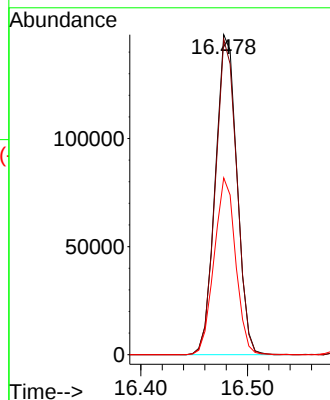
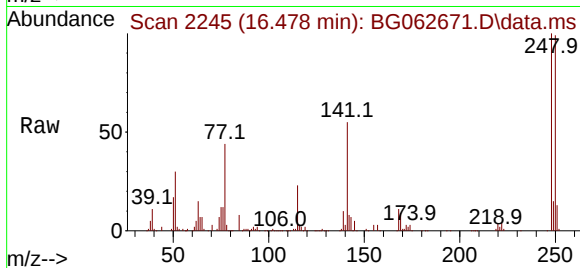




#67  
4-Bromophenyl-phenylether  
Concen: 38.622 ng  
RT: 16.478 min Scan# 21  
Delta R.T. -0.003 min  
Lab File: BG062671.D  
Acq: 5 Sep 2024 17:53

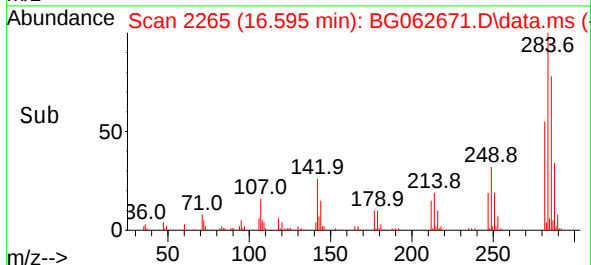
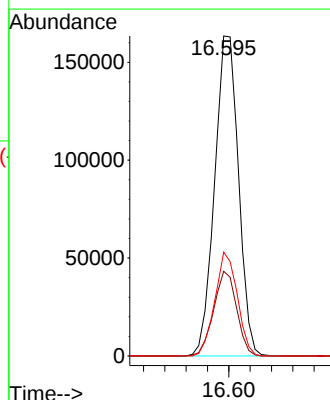
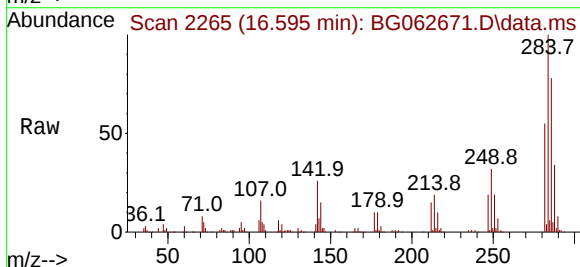
Instrument :  
BNA\_G  
ClientSampleId :

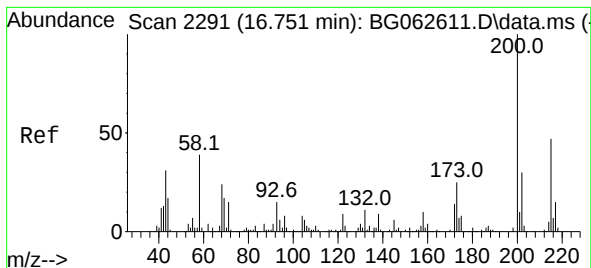
Tgt Ion:248 Resp: 208027  
Ion Ratio Lower Upper  
248 100  
250 98.5 77.9 116.9  
141 55.2 50.2 75.2



#68  
Hexachlorobenzene  
Concen: 39.779 ng  
RT: 16.595 min Scan# 2265  
Delta R.T. -0.003 min  
Lab File: BG062671.D  
Acq: 5 Sep 2024 17:53

Tgt Ion:284 Resp: 253742  
Ion Ratio Lower Upper  
284 100  
142 26.5 23.5 35.3  
249 34.4 25.4 38.0





#69

Atrazine

Concen: 41.172 ng

RT: 16.748 min Scan# 21

Delta R.T. -0.003 min

Lab File: BG062671.D

Acq: 5 Sep 2024 17:53

Instrument :

BNA\_G

ClientSampleId :

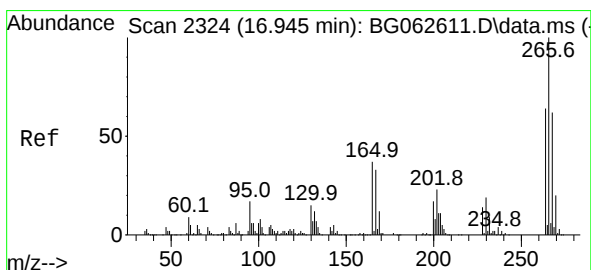
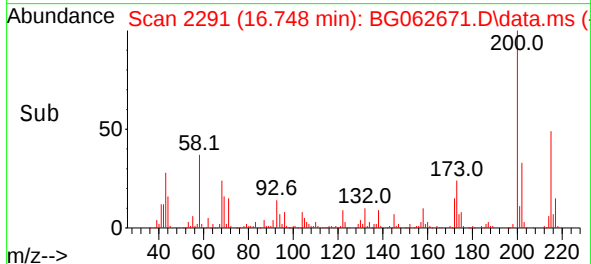
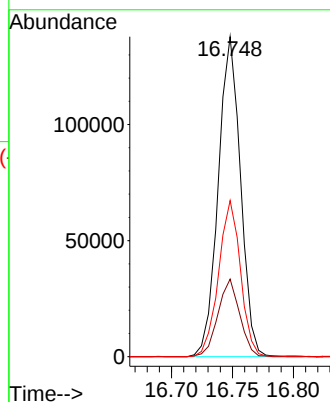
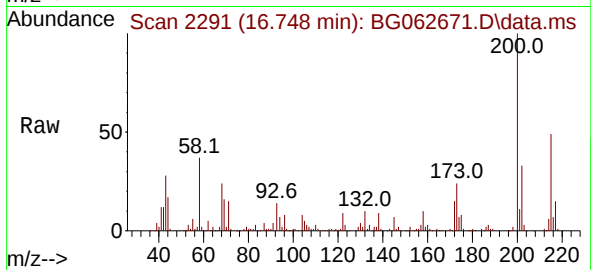
Tgt Ion:200 Resp: 175467

Ion Ratio Lower Upper

200 100

173 24.2 5.2 45.2

215 48.8 27.3 67.3



#70

Pentachlorophenol

Concen: 40.048 ng

RT: 16.942 min Scan# 2324

Delta R.T. -0.003 min

Lab File: BG062671.D

Acq: 5 Sep 2024 17:53

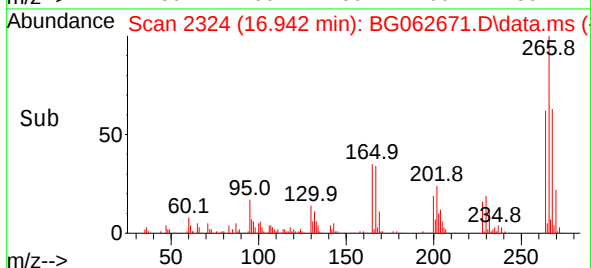
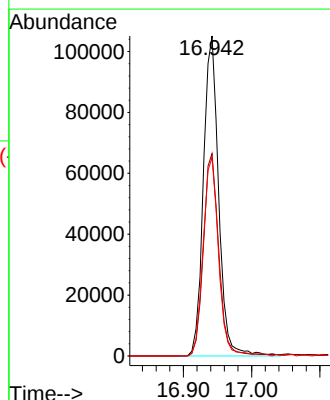
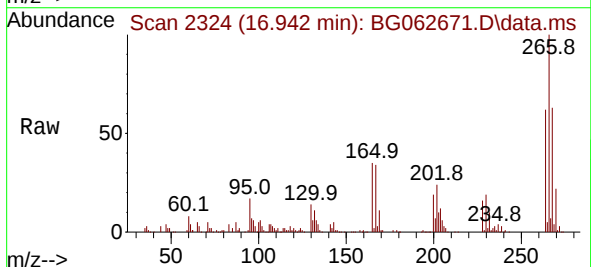
Tgt Ion:266 Resp: 163621

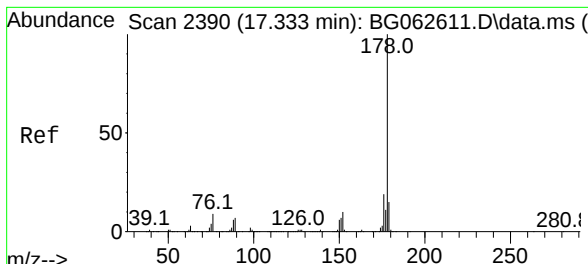
Ion Ratio Lower Upper

266 100

268 67.5 52.6 79.0

264 62.0 51.6 77.4



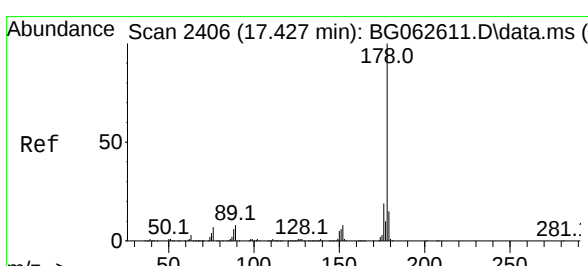
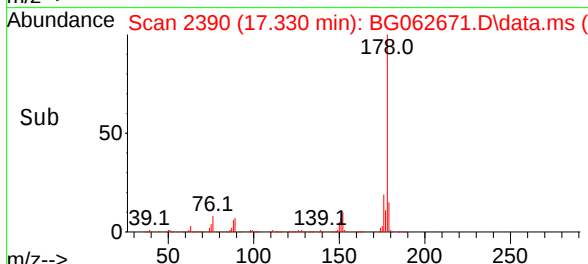
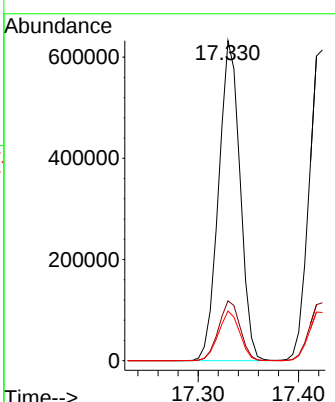
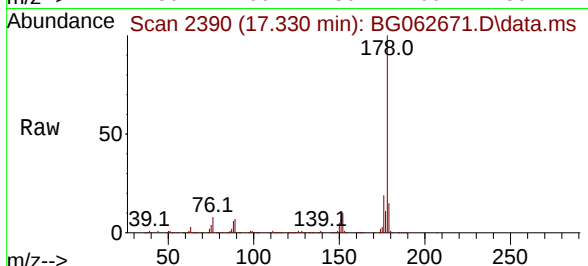


#71  
 Phenanthrene  
 Concen: 38.446 ng  
 RT: 17.330 min Scan# 2390  
 Delta R.T. -0.003 min  
 Lab File: BG062671.D  
 Acq: 5 Sep 2024 17:53

Instrument :  
 BNA\_G  
 ClientSampleId :

Tgt Ion:178 Resp: 936520

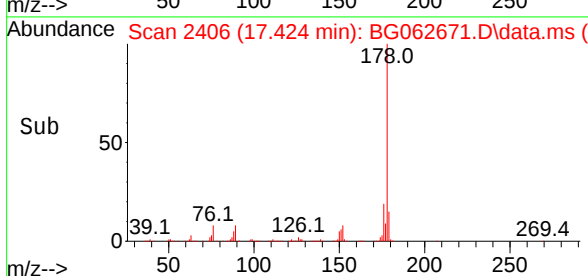
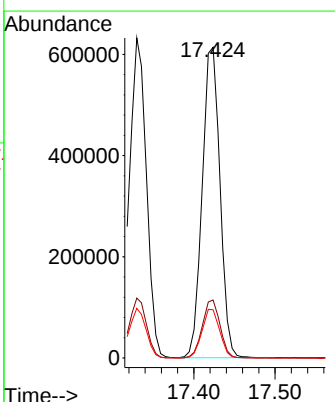
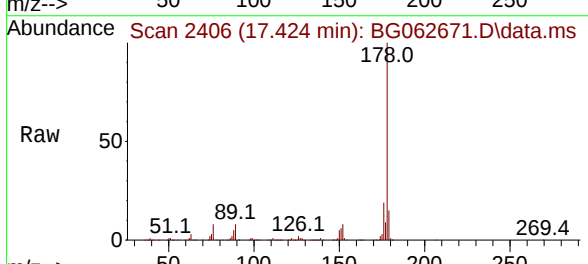
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 178 | 100   |       |       |
| 176 | 18.7  | 15.4  | 23.0  |
| 179 | 15.5  | 12.2  | 18.4  |

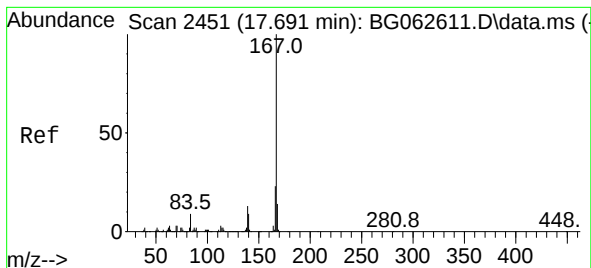


#72  
 Anthracene  
 Concen: 38.857 ng  
 RT: 17.424 min Scan# 2406  
 Delta R.T. -0.003 min  
 Lab File: BG062671.D  
 Acq: 5 Sep 2024 17:53

Tgt Ion:178 Resp: 930650

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 178 | 100   |       |       |
| 176 | 18.6  | 15.2  | 22.8  |
| 179 | 15.5  | 12.0  | 18.0  |





#73

Carbazole

Concen: 39.616 ng

RT: 17.688 min Scan# 2451

Delta R.T. -0.003 min

Lab File: BG062671.D

Acq: 5 Sep 2024 17:53

Instrument :

BNA\_G

ClientSampleId :

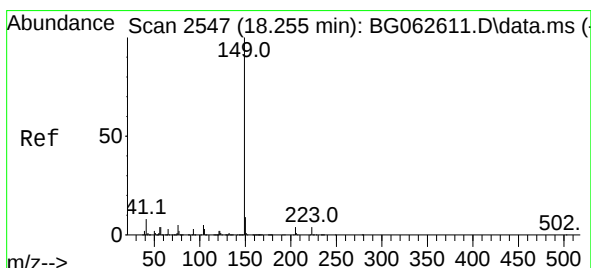
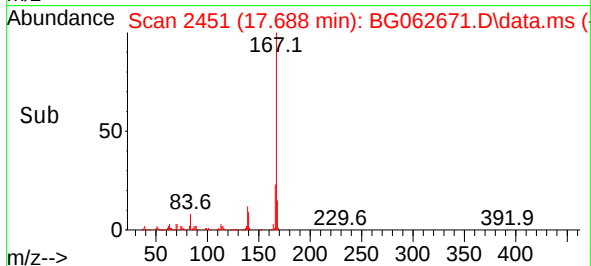
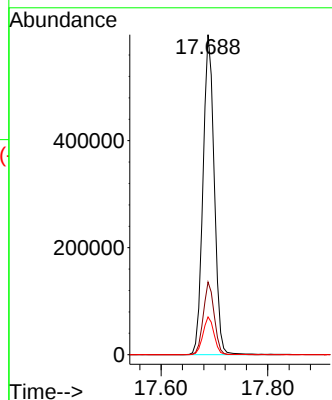
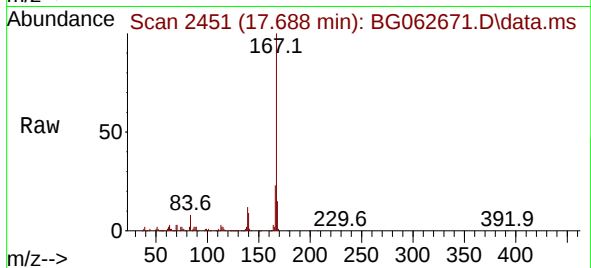
Tgt Ion:167 Resp: 872253

Ion Ratio Lower Upper

167 100

166 22.7 18.2 27.2

139 11.8 10.1 15.1



#74

Di-n-butylphthalate

Concen: 40.295 ng

RT: 18.252 min Scan# 2547

Delta R.T. -0.003 min

Lab File: BG062671.D

Acq: 5 Sep 2024 17:53

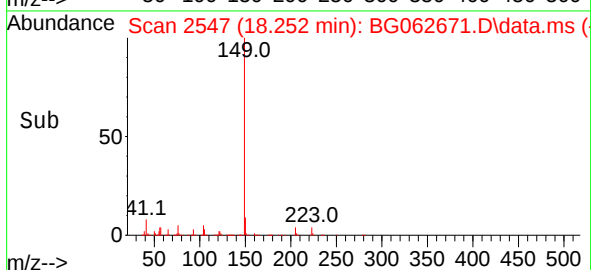
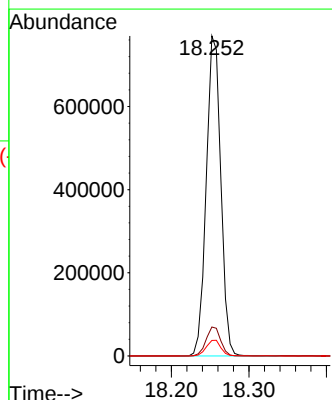
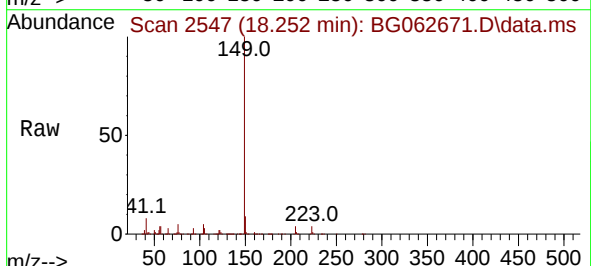
Tgt Ion:149 Resp: 1000564

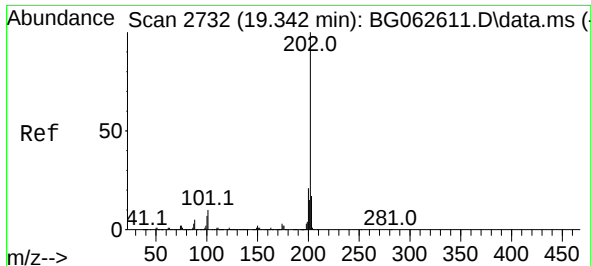
Ion Ratio Lower Upper

149 100

150 9.1 7.3 10.9

104 4.8 4.2 6.2

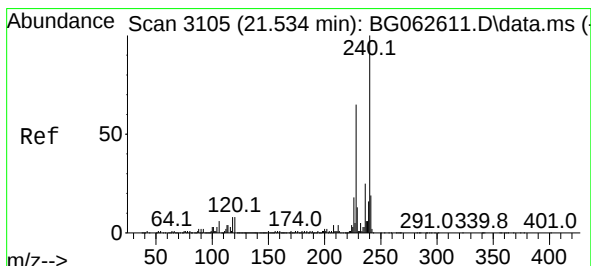
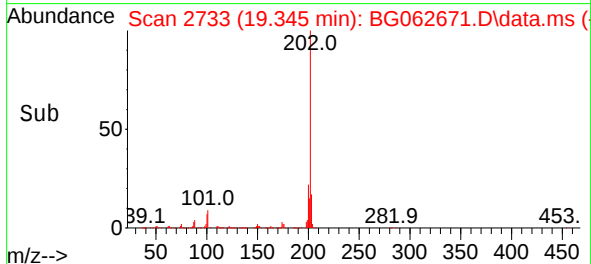
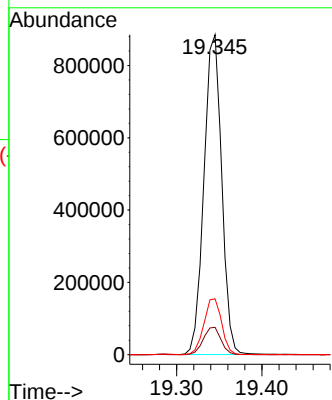
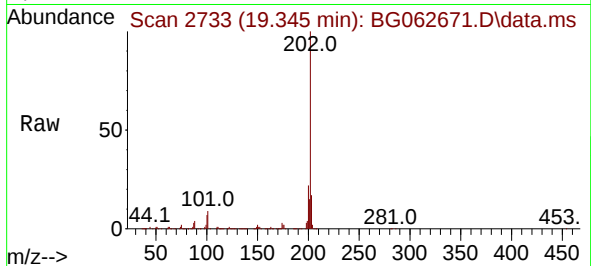




#75  
Fluoranthene  
Concen: 41.498 ng  
RT: 19.345 min Scan# 21  
Delta R.T. 0.003 min  
Lab File: BG062671.D  
Acq: 5 Sep 2024 17:53

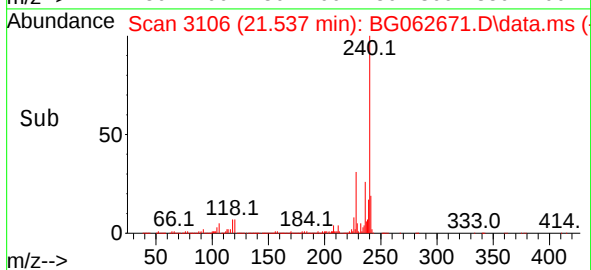
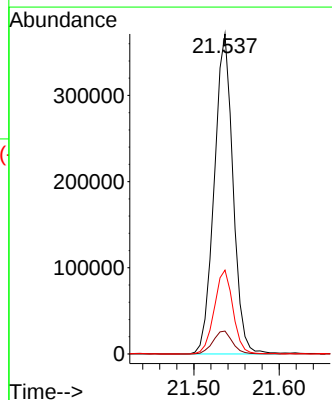
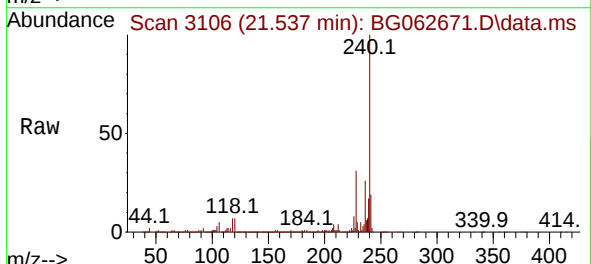
Instrument :  
BNA\_G  
ClientSampleId :

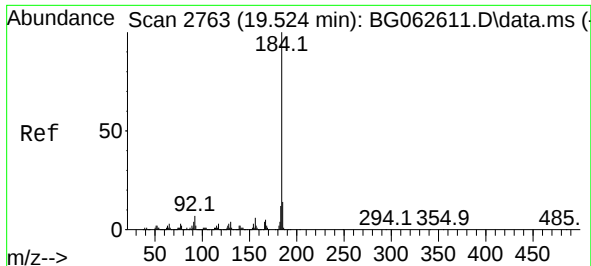
Tgt Ion:202 Resp: 1278498  
Ion Ratio Lower Upper  
202 100  
101 8.5 0.0 29.6  
203 17.5 0.0 37.4



#76  
Chrysene-d12  
Concen: 20.000 ng  
RT: 21.537 min Scan# 3106  
Delta R.T. 0.003 min  
Lab File: BG062671.D  
Acq: 5 Sep 2024 17:53

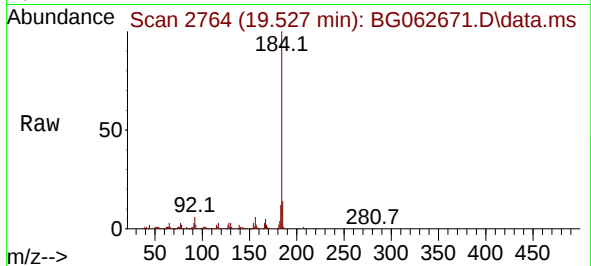
Tgt Ion:240 Resp: 566561  
Ion Ratio Lower Upper  
240 100  
120 7.2 6.6 9.8  
236 26.2 20.2 30.4



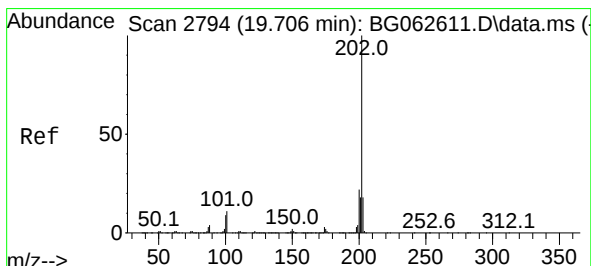
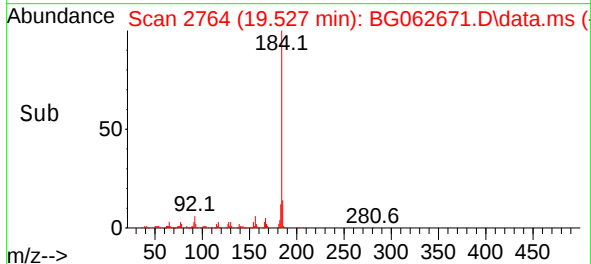
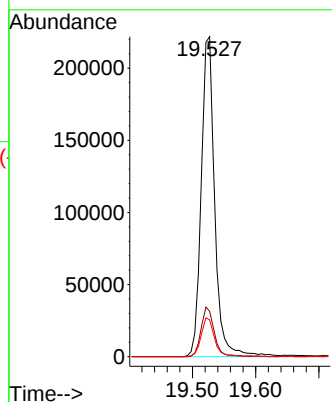


#77  
Benzidine  
Concen: 32.196 ng  
RT: 19.527 min Scan# 2764  
Delta R.T. 0.003 min  
Lab File: BG062671.D  
Acq: 5 Sep 2024 17:53

Instrument :  
BNA\_G  
ClientSampleId :

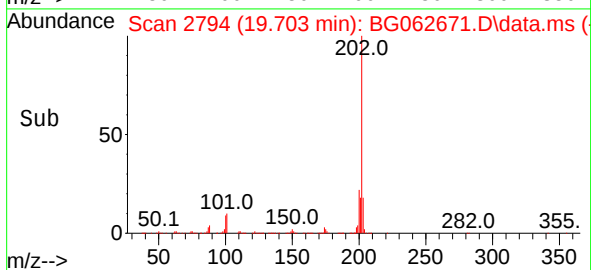
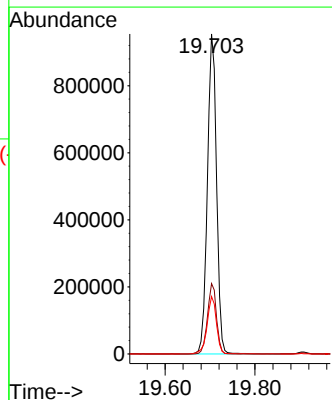
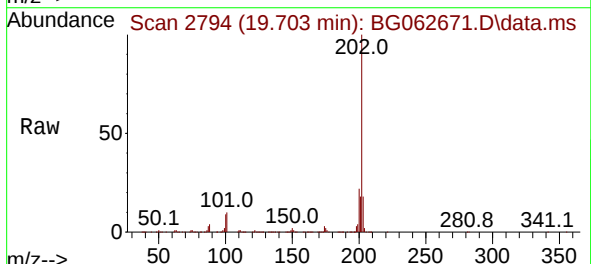


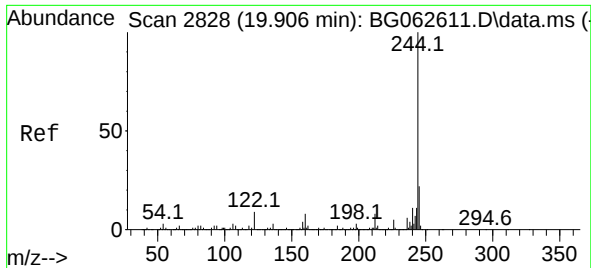
Tgt Ion:184 Resp: 328774  
Ion Ratio Lower Upper  
184 100  
185 14.1 11.0 16.6  
183 11.5 9.7 14.5



#78  
Pyrene  
Concen: 37.394 ng  
RT: 19.703 min Scan# 2794  
Delta R.T. -0.003 min  
Lab File: BG062671.D  
Acq: 5 Sep 2024 17:53

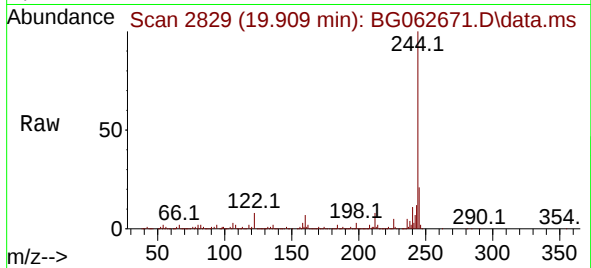
Tgt Ion:202 Resp: 1346706  
Ion Ratio Lower Upper  
202 100  
200 22.0 17.4 26.2  
203 17.9 14.1 21.1



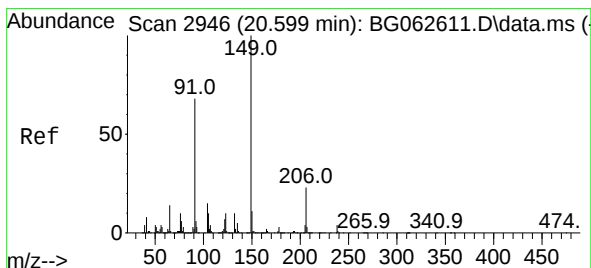
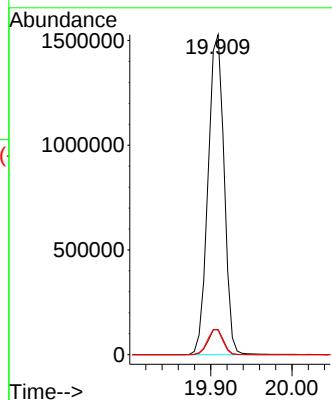
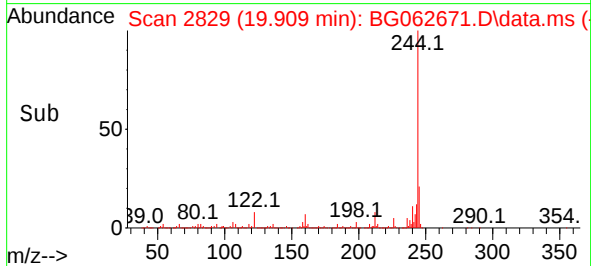


#79  
 Terphenyl-d14  
 Concen: 73.102 ng  
 RT: 19.909 min Scan# 21  
 Delta R.T. 0.003 min  
 Lab File: BG062671.D  
 Acq: 5 Sep 2024 17:53

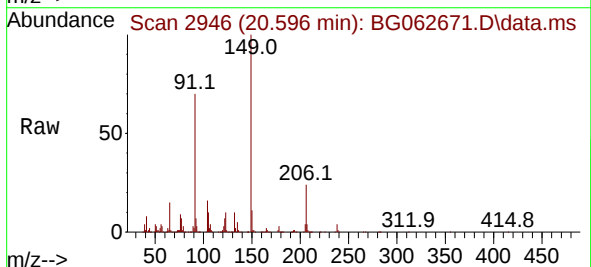
Instrument :  
 BNA\_G  
 ClientSampleId :



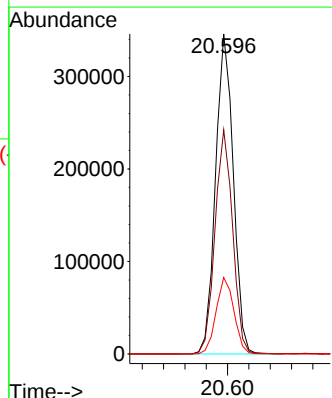
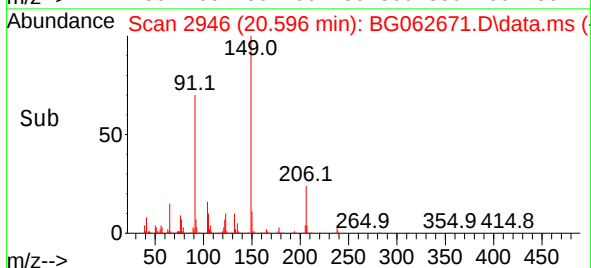
Tgt Ion:244 Resp: 2088753  
 Ion Ratio Lower Upper  
 244 100  
 212 7.9 6.6 10.0  
 122 7.7 7.2 10.8

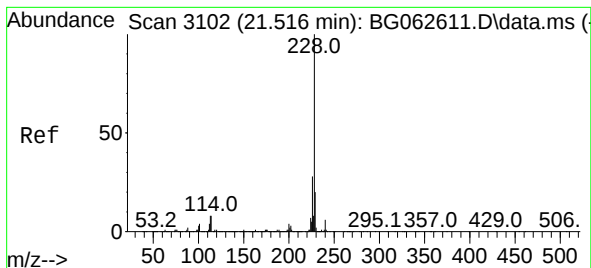


#80  
 Butylbenzylphthalate  
 Concen: 37.792 ng  
 RT: 20.596 min Scan# 2946  
 Delta R.T. -0.003 min  
 Lab File: BG062671.D  
 Acq: 5 Sep 2024 17:53



Tgt Ion:149 Resp: 399780  
 Ion Ratio Lower Upper  
 149 100  
 91 70.1 54.6 81.8  
 206 23.9 18.4 27.6





#81

Benzo(a)anthracene

Concen: 38.355 ng

RT: 21.513 min Scan# 3102

Delta R.T. -0.003 min

Lab File: BG062671.D

Acq: 5 Sep 2024 17:53

Instrument :

BNA\_G

ClientSampleId :

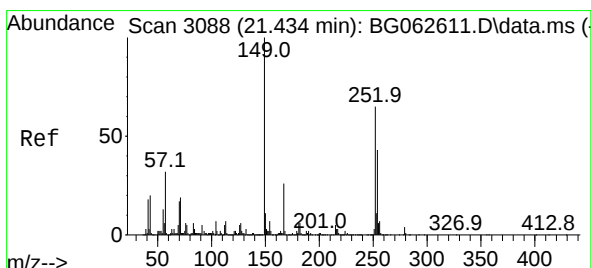
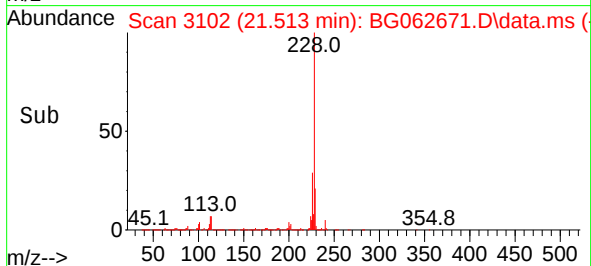
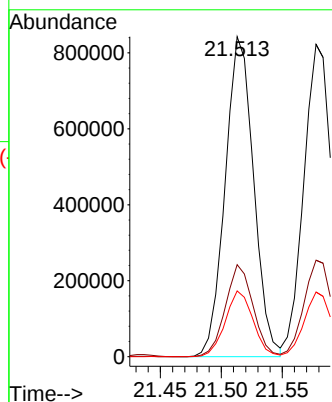
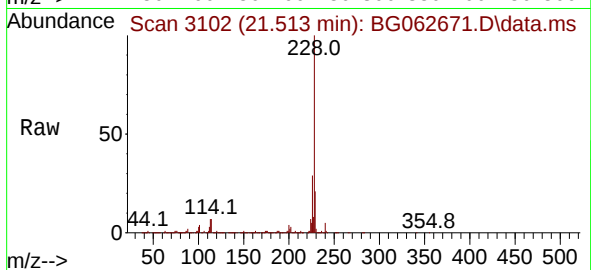
Tgt Ion:228 Resp: 1370575

Ion Ratio Lower Upper

228 100

226 28.8 22.3 33.5

229 20.5 16.2 24.2



#82

3,3'-Dichlorobenzidine

Concen: 38.868 ng

RT: 21.437 min Scan# 3089

Delta R.T. 0.003 min

Lab File: BG062671.D

Acq: 5 Sep 2024 17:53

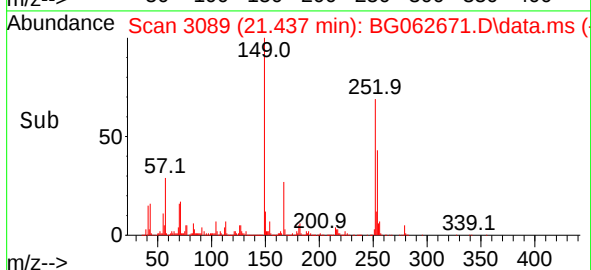
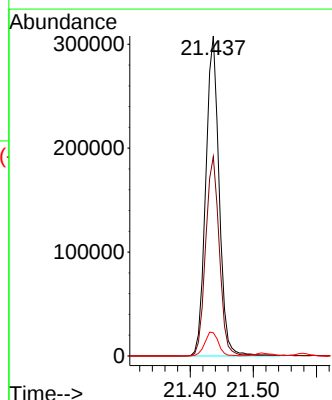
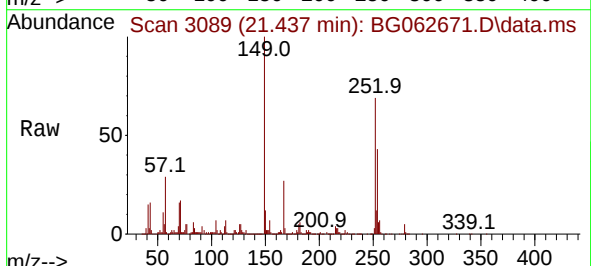
Tgt Ion:252 Resp: 452461

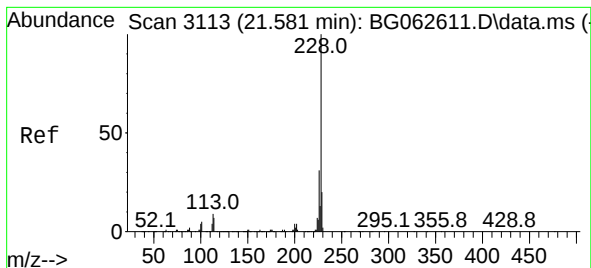
Ion Ratio Lower Upper

252 100

254 62.3 52.2 78.2

126 7.2 6.7 10.1





#83

Chrysene

Concen: 38.775 ng

RT: 21.578 min Scan# 3113

Delta R.T. -0.003 min

Lab File: BG062671.D

Acq: 5 Sep 2024 17:53

Instrument :

BNA\_G

ClientSampleId :

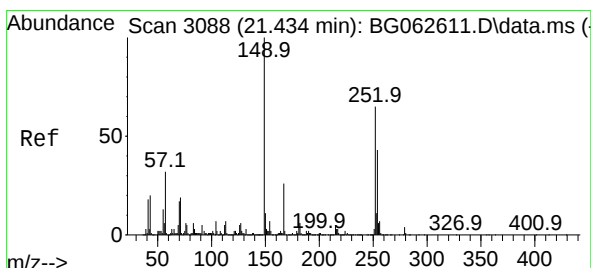
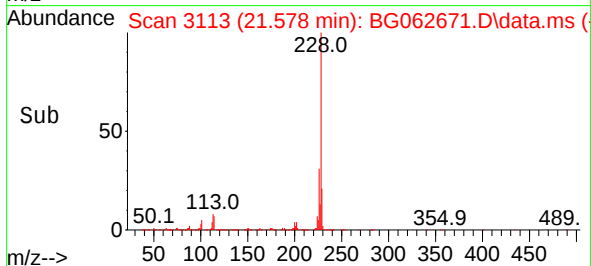
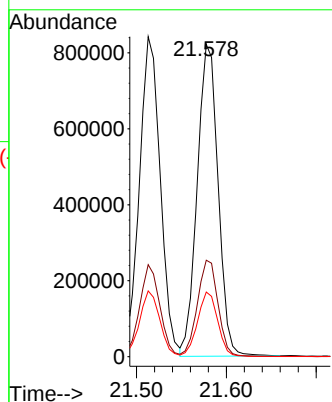
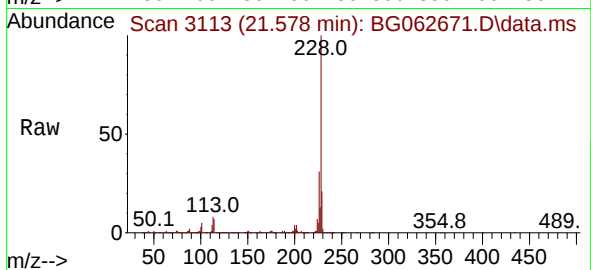
Tgt Ion:228 Resp: 1327195

Ion Ratio Lower Upper

228 100

226 30.9 24.9 37.3

229 20.7 16.0 24.0



#84

Bis(2-ethylhexyl)phthalate

Concen: 37.791 ng

RT: 21.437 min Scan# 3089

Delta R.T. 0.003 min

Lab File: BG062671.D

Acq: 5 Sep 2024 17:53

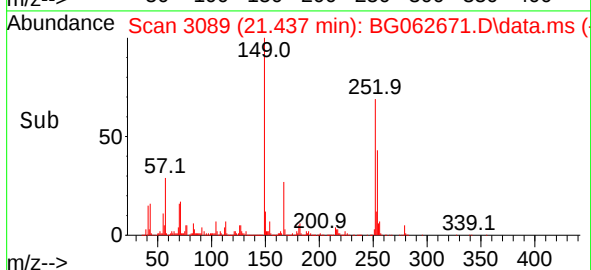
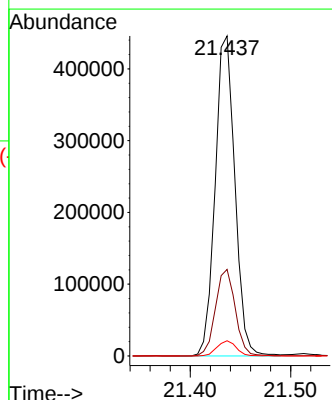
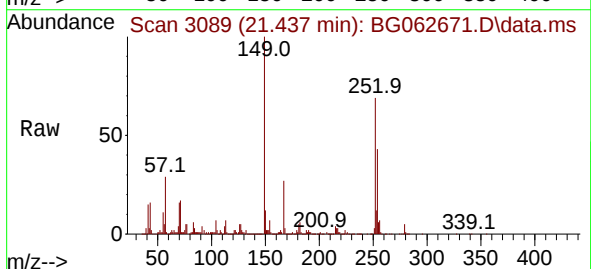
Tgt Ion:149 Resp: 607330

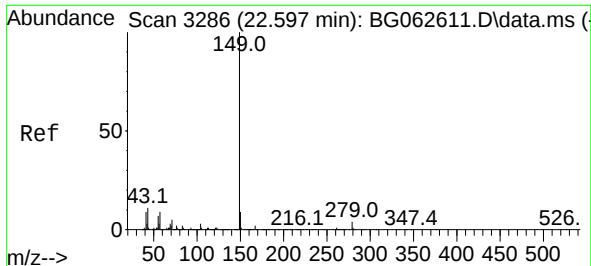
Ion Ratio Lower Upper

149 100

167 27.1 20.5 30.7

279 4.8 3.1 4.7#

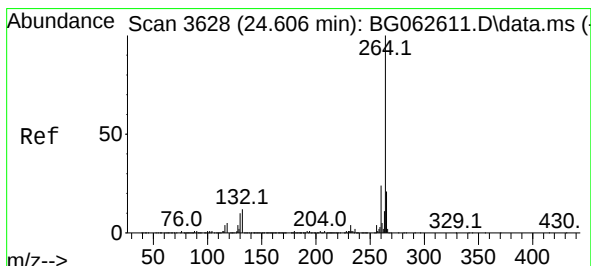
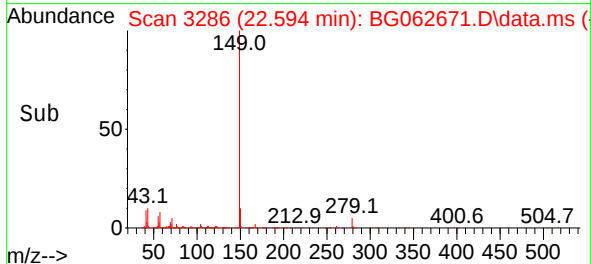
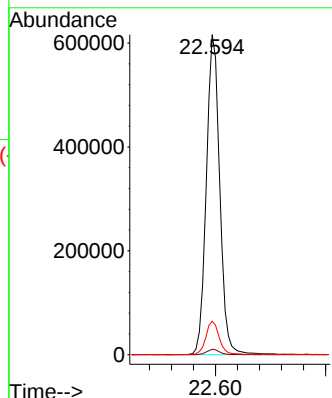
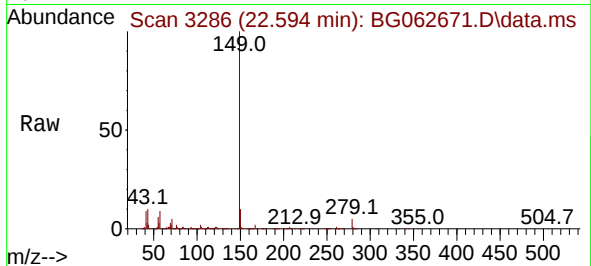




#85  
Di-n-octyl phthalate  
Concen: 37.035 ng  
RT: 22.594 min Scan# 31  
Delta R.T. -0.003 min  
Lab File: BG062671.D  
Acq: 5 Sep 2024 17:53

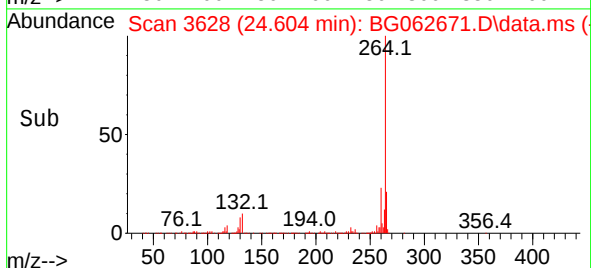
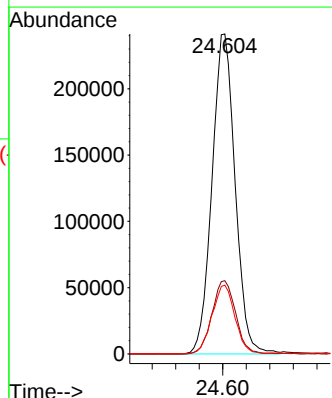
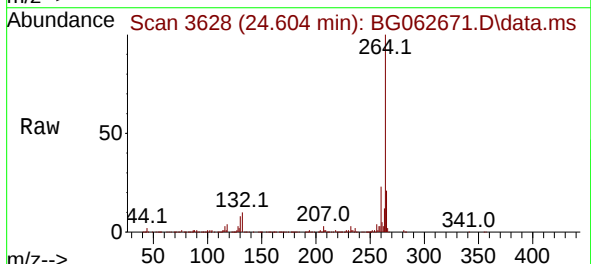
Instrument :  
BNA\_G  
ClientSampleId :

Tgt Ion:149 Resp: 1042096  
Ion Ratio Lower Upper  
149 100  
167 1.6 1.4 2.0  
43 10.5 8.8 13.2



#86  
Perylene-d12  
Concen: 20.000 ng  
RT: 24.604 min Scan# 3628  
Delta R.T. -0.003 min  
Lab File: BG062671.D  
Acq: 5 Sep 2024 17:53

Tgt Ion:264 Resp: 657881  
Ion Ratio Lower Upper  
264 100  
260 22.9 19.0 28.4  
265 21.5 17.3 25.9





#87

Indeno(1,2,3-cd)pyrene

Concen: 39.815 ng

RT: 28.070 min Scan# 4218

Delta R.T. -0.003 min

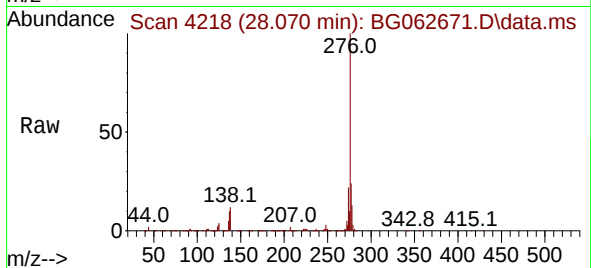
Lab File: BG062671.D

Acq: 5 Sep 2024 17:53

Instrument :

BNA\_G

ClientSampleId :



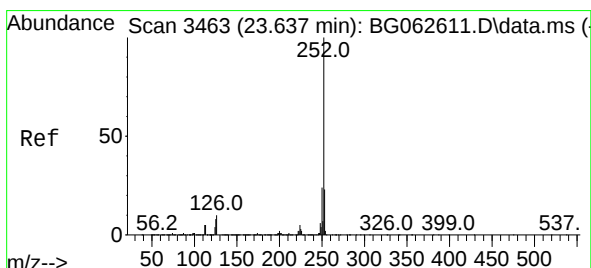
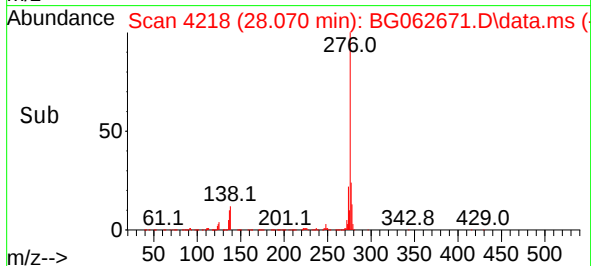
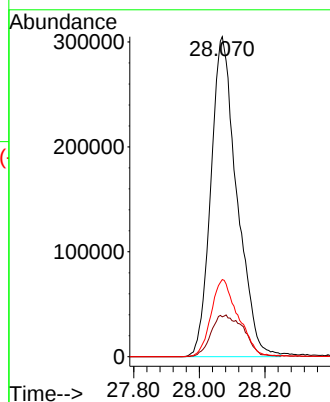
Tgt Ion:276 Resp: 1679573

Ion Ratio Lower Upper

276 100

138 6.1 14.9 22.3#

277 25.1 20.3 30.5



#88

Benzo(b)fluoranthene

Concen: 38.372 ng

RT: 23.634 min Scan# 3463

Delta R.T. -0.003 min

Lab File: BG062671.D

Acq: 5 Sep 2024 17:53

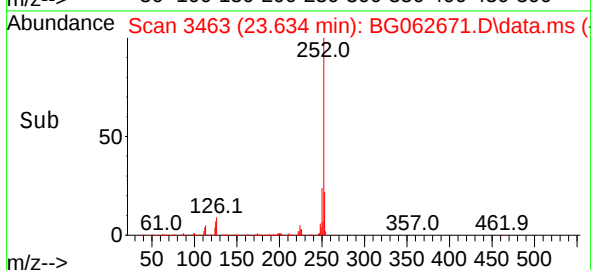
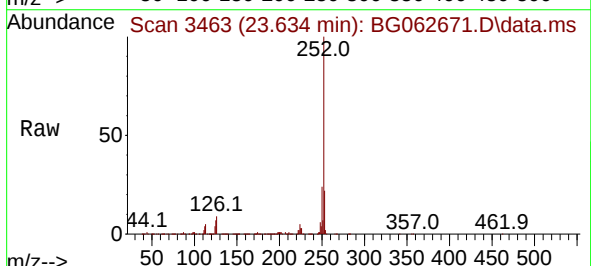
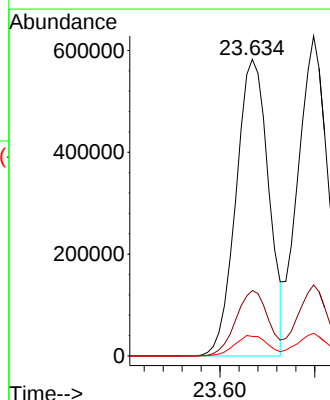
Tgt Ion:252 Resp: 1394353

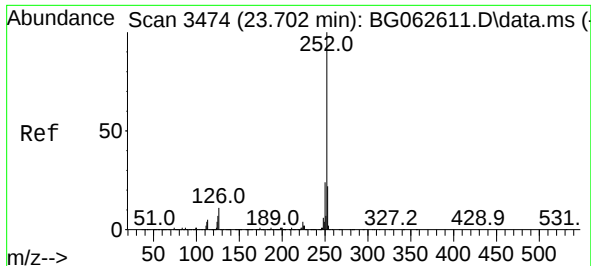
Ion Ratio Lower Upper

252 100

253 22.1 18.2 27.2

125 6.6 6.2 9.2





#89

Benzo(k)fluoranthene

Concen: 39.481 ng

RT: 23.699 min Scan# 3474

Delta R.T. -0.003 min

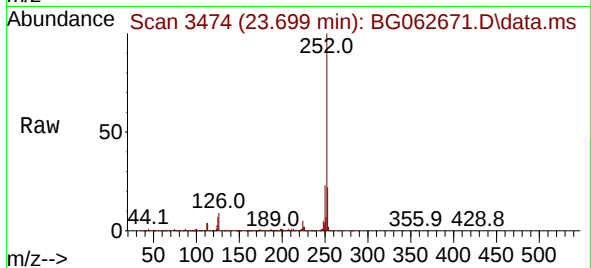
Lab File: BG062671.D

Acq: 5 Sep 2024 17:53

Instrument :

BNA\_G

ClientSampleId :



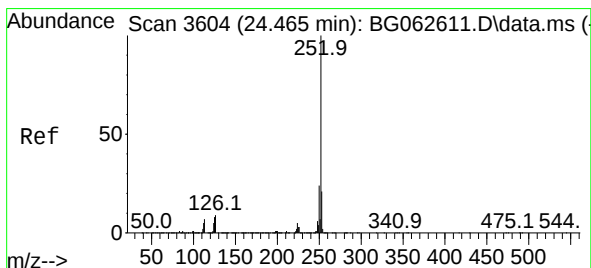
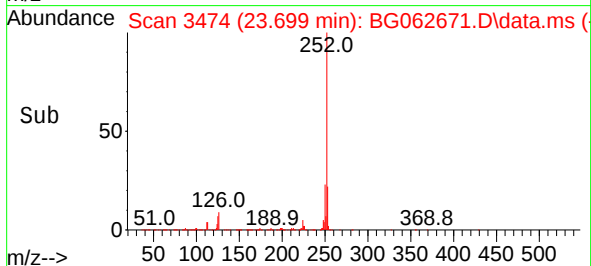
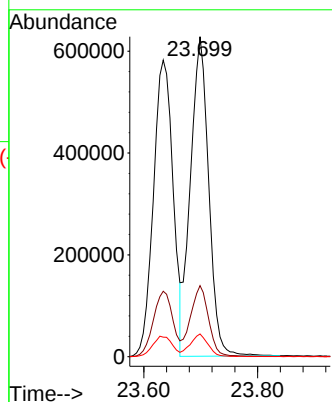
Tgt Ion:252 Resp: 1403376

Ion Ratio Lower Upper

252 100

253 22.2 17.8 26.8

125 7.1 6.1 9.1



#90

Benzo(a)pyrene

Concen: 38.597 ng

RT: 24.462 min Scan# 3604

Delta R.T. -0.003 min

Lab File: BG062671.D

Acq: 5 Sep 2024 17:53

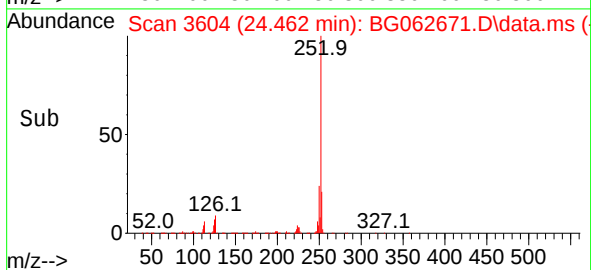
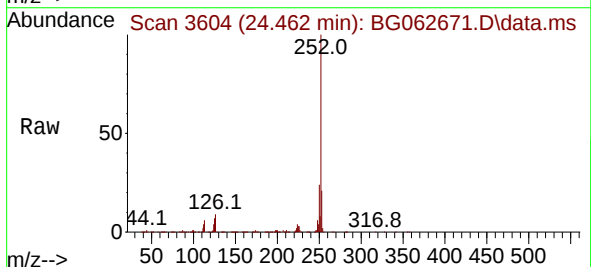
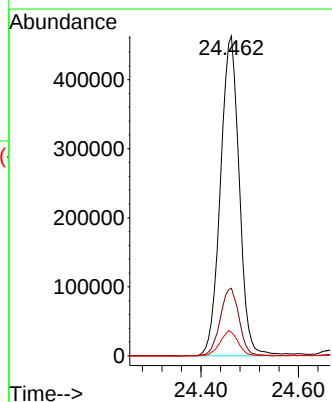
Tgt Ion:252 Resp: 1239033

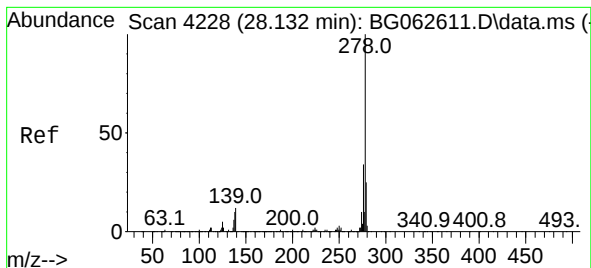
Ion Ratio Lower Upper

252 100

253 21.2 17.1 25.7

125 7.4 6.6 10.0





#91

Dibenzo(a,h)anthracene

Concen: 40.300 ng

RT: 28.129 min Scan# 41

Delta R.T. -0.003 min

Lab File: BG062671.D

Acq: 5 Sep 2024 17:53

Instrument :

BNA\_G

ClientSampleId :

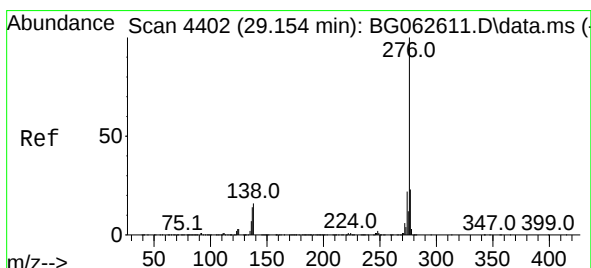
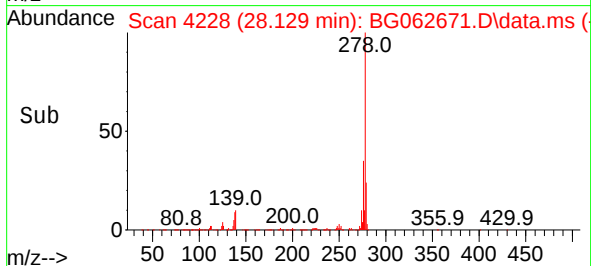
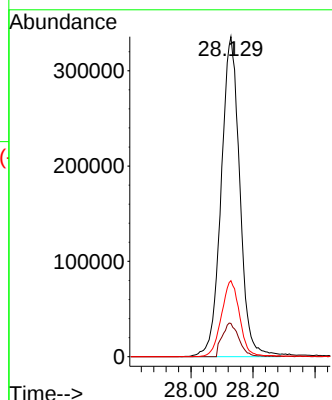
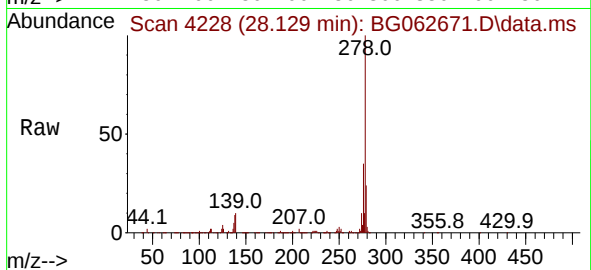
Tgt Ion:278 Resp: 1400471

Ion Ratio Lower Upper

278 100

139 10.4 9.2 13.8

279 23.8 19.7 29.5



#92

Benzo(g,h,i)perylene

Concen: 40.217 ng

RT: 29.151 min Scan# 4402

Delta R.T. -0.003 min

Lab File: BG062671.D

Acq: 5 Sep 2024 17:53

Tgt Ion:276 Resp: 1409259

Ion Ratio Lower Upper

276 100

277 24.5 18.8 28.2

138 13.7 12.7 19.1

