

Data Path : Z:\svoasrv\HPCHEM1\BNA\_G\Data\BG102925\  
 Data File : BG064622.D  
 Acq On : 29 Oct 2025 14:06  
 Operator : RC/JU  
 Sample : PB170215BS  
 Misc :  
 ALS Vial : 6 Sample Multiplier: 1

Instrument :  
 BNA\_G  
 ClientSampleId :  
 PB170215BS

Quant Time: Oct 29 15:48:30 2025  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_G\Methods\8270-BG102425.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Fri Oct 24 16:40:26 2025  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc    | Units | Dev(Min) |
|-------------------------------|--------|------|----------|---------|-------|----------|
| -----                         |        |      |          |         |       |          |
| Internal Standards            |        |      |          |         |       |          |
| 1) 1,4-Dichlorobenzene-d4     | 8.217  | 152  | 30857    | 20.000  | ng    | 0.00     |
| 21) Naphthalene-d8            | 11.044 | 136  | 126314   | 20.000  | ng    | 0.00     |
| 39) Acenaphthene-d10          | 14.839 | 164  | 102616   | 20.000  | ng    | 0.00     |
| 64) Phenanthrene-d10          | 17.577 | 188  | 252758   | 20.000  | ng    | 0.00     |
| 76) Chrysene-d12              | 21.854 | 240  | 286271   | 20.000  | ng    | 0.00     |
| 86) Perylene-d12              | 25.192 | 264  | 311364   | 20.000  | ng    | 0.00     |
| System Monitoring Compounds   |        |      |          |         |       |          |
| 5) 2-Fluorophenol             | 5.750  | 112  | 229807   | 125.006 | ng    | 0.00     |
| 7) Phenol-d6                  | 7.354  | 99   | 315661   | 125.132 | ng    | 0.00     |
| 23) Nitrobenzene-d5           | 9.381  | 82   | 200721   | 95.443  | ng    | 0.00     |
| 42) 2,4,6-Tribromophenol      | 16.320 | 330  | 213604   | 144.224 | ng    | 0.00     |
| 45) 2-Fluorobiphenyl          | 13.470 | 172  | 539175   | 79.642  | ng    | 0.00     |
| 79) Terphenyl-d14             | 20.168 | 244  | 1263324  | 83.281  | ng    | 0.00     |
| Target Compounds              |        |      |          |         |       |          |
|                               |        |      |          |         |       | Qvalue   |
| 2) 1,4-Dioxane                | 3.582  | 88   | 27367    | 33.625  | ng    | 97       |
| 3) Pyridine                   | 3.987  | 79   | 80236    | 32.828  | ng    | 99       |
| 4) n-Nitrosodimethylamine     | 3.899  | 42   | 55779    | 42.556  | ng    | 96       |
| 6) Aniline                    | 7.524  | 93   | 111247   | 32.409  | ng    | 98       |
| 8) 2-Chlorophenol             | 7.777  | 128  | 90171    | 46.861  | ng    | 96       |
| 9) Benzaldehyde               | 7.336  | 77   | 44662    | 32.430  | ng    | 99       |
| 10) Phenol                    | 7.377  | 94   | 125167   | 44.866  | ng    | 96       |
| 11) bis(2-Chloroethyl)ether   | 7.524  | 93   | 111247   | 32.409  | ng    | 99       |
| 12) 1,3-Dichlorobenzene       | 8.106  | 146  | 89896    | 40.591  | ng    | 96       |
| 13) 1,4-Dichlorobenzene       | 8.253  | 146  | 95840    | 42.560  | ng    | 92       |
| 14) 1,2-Dichlorobenzene       | 8.576  | 146  | 95566    | 43.998  | ng    | 95       |
| 15) Benzyl Alcohol            | 8.447  | 79   | 97685    | 46.959  | ng    | 99       |
| 16) 2,2'-oxybis(1-Chloropr... | 8.746  | 45   | 208165   | 38.690  | ng    | 97       |
| 17) 2-Methylphenol            | 8.447  | 107  | 49001    | 47.125  | ng    | 91       |
| 18) Hexachloroethane          | 9.322  | 117  | 34789    | 44.022  | ng    | 96       |
| 19) n-Nitroso-di-n-propyla... | 9.022  | 70   | 75603    | 43.365  | ng    | 98       |
| 20) 3+4-Methylphenols         | 8.975  | 107  | 115498   | 44.339  | ng    | 95       |
| 22) Acetophenone              | 9.040  | 105  | 161222   | 46.691  | ng    | 96       |
| 24) Nitrobenzene              | 9.422  | 77   | 109545   | 47.891  | ng    | 97       |
| 25) Isophorone                | 9.951  | 82   | 215090   | 42.623  | ng    | 100      |
| 26) 2-Nitrophenol             | 10.139 | 139  | 44164    | 49.908  | ng    | # 85     |
| 27) 2,4-Dimethylphenol        | 10.192 | 122  | 95696    | 49.980  | ng    | 97       |
| 28) bis(2-Chloroethoxy)met... | 10.433 | 93   | 121990   | 42.458  | ng    | 99       |
| 29) 2,4-Dichlorophenol        | 10.679 | 162  | 99058    | 49.036  | ng    | 97       |
| 30) 1,2,4-Trichlorobenzene    | 10.903 | 180  | 106824   | 46.541  | ng    | 97       |
| 31) Naphthalene               | 11.091 | 128  | 295744   | 42.229  | ng    | 99       |
| 32) Benzoic acid              | 10.309 | 122  | 80232m   | 56.670  | ng    |          |
| 33) 4-Chloroaniline           | 11.185 | 127  | 64445    | 23.675  | ng    | 97       |
| 34) Hexachlorobutadiene       | 11.384 | 225  | 78836    | 43.919  | ng    | 97       |
| 35) Caprolactam               | 11.943 | 113  | 35302m   | 45.563  | ng    |          |
| 36) 4-Chloro-3-methylphenol   | 12.289 | 107  | 115355   | 47.506  | ng    | 98       |
| 37) 2-Methylnaphthalene       | 12.683 | 142  | 200867   | 39.066  | ng    | 99       |
| 38) 1-Methylnaphthalene       | 12.900 | 142  | 210799   | 41.666  | ng    | 95       |
| 40) 1,2,4,5-Tetrachloroben... | 13.047 | 216  | 160584   | 46.629  | ng    | 99       |
| 41) Hexachlorocyclopentadiene | 13.035 | 237  | 193126   | 124.589 | ng    | 99       |
| 43) 2,4,6-Trichlorophenol     | 13.276 | 196  | 97819    | 49.656  | ng    | 100      |

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 Misc :  
 ALS Vial : 6 Sample Multiplier: 1

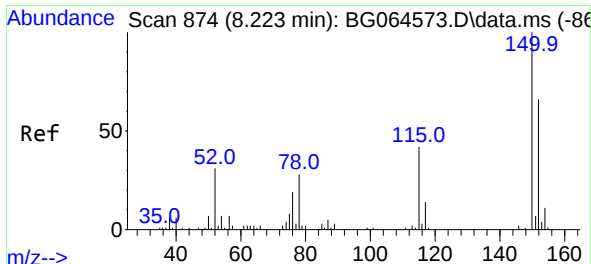
Instrument :  
 BNA\_G  
 ClientSampleId :  
 PB170215BS

Quant Time: Oct 29 15:48:30 2025  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_G\Methods\8270-BG102425.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Fri Oct 24 16:40:26 2025  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc    | Units | Dev(Min) |
|-------------------------------|--------|------|----------|---------|-------|----------|
| 44) 2,4,5-Trichlorophenol     | 13.347 | 196  | 111336   | 48.976  | ng    | 99       |
| 46) 1,1'-Biphenyl             | 13.682 | 154  | 341429   | 46.801  | ng    | 97       |
| 47) 2-Chloronaphthalene       | 13.723 | 162  | 234788   | 42.637  | ng    | 96       |
| 48) 2-Nitroaniline            | 13.911 | 65   | 87853    | 47.555  | ng    | 94       |
| 49) Acenaphthylene            | 14.563 | 152  | 430487   | 49.562  | ng    | 98       |
| 50) Dimethylphthalate         | 14.287 | 163  | 347656   | 44.275  | ng    | 99       |
| 51) 2,6-Dinitrotoluene        | 14.398 | 165  | 65227    | 50.188  | ng    | 96       |
| 52) Acenaphthene              | 14.904 | 154  | 290908   | 49.021  | ng    | 97       |
| 53) 3-Nitroaniline            | 14.722 | 138  | 49122    | 36.402  | ng #  | 99       |
| 54) 2,4-Dinitrophenol         | 14.927 | 184  | 88044    | 108.602 | ng #  | 42       |
| 55) Dibenzofuran              | 15.239 | 168  | 418469   | 43.618  | ng    | 99       |
| 56) 4-Nitrophenol             | 15.015 | 139  | 127758   | 102.115 | ng    | 94       |
| 57) 2,4-Dinitrotoluene        | 15.180 | 165  | 100857   | 50.198  | ng    | 98       |
| 58) Fluorene                  | 15.879 | 166  | 335610   | 44.792  | ng    | 99       |
| 59) 2,3,4,6-Tetrachlorophenol | 15.456 | 232  | 114603   | 52.720  | ng    | 98       |
| 60) Diethylphthalate          | 15.644 | 149  | 357386   | 44.576  | ng    | 99       |
| 61) 4-Chlorophenyl-phenyle... | 15.873 | 204  | 190016   | 45.190  | ng    | 97       |
| 62) 4-Nitroaniline            | 15.885 | 138  | 74872    | 49.873  | ng    | 95       |
| 63) Azobenzene                | 16.161 | 77   | 323701   | 44.003  | ng    | 99       |
| 65) 4,6-Dinitro-2-methylph... | 15.944 | 198  | 61637    | 54.580  | ng    | 96       |
| 66) n-Nitrosodiphenylamine    | 16.079 | 169  | 307367   | 45.018  | ng    | 96       |
| 67) 4-Bromophenyl-phenylether | 16.766 | 248  | 133834   | 44.682  | ng    | 97       |
| 68) Hexachlorobenzene         | 16.884 | 284  | 155883   | 45.618  | ng    | 96       |
| 69) Atrazine                  | 17.019 | 200  | 140535   | 47.830  | ng    | 98       |
| 70) Pentachlorophenol         | 17.219 | 266  | 214000   | 100.429 | ng    | 95       |
| 71) Phenanthrene              | 17.618 | 178  | 612283   | 44.297  | ng    | 99       |
| 72) Anthracene                | 17.712 | 178  | 631323   | 44.900  | ng    | 100      |
| 73) Carbazole                 | 17.971 | 167  | 558592   | 45.052  | ng    | 99       |
| 74) Di-n-butylphthalate       | 18.529 | 149  | 636589   | 44.400  | ng    | 100      |
| 75) Fluoranthene              | 19.616 | 202  | 768700   | 44.393  | ng    | 99       |
| 77) Benzidine                 | 19.780 | 184  | 240455   | 37.491  | ng    | 99       |
| 78) Pyrene                    | 19.974 | 202  | 804895   | 43.035  | ng    | 99       |
| 80) Butylbenzylphthalate      | 20.850 | 149  | 279278   | 49.405  | ng    | 97       |
| 81) Benzo(a)anthracene        | 21.831 | 228  | 850571   | 44.811  | ng    | 99       |
| 82) 3,3'-Dichlorobenzidine    | 21.737 | 252  | 205029   | 32.347  | ng    | 98       |
| 83) Chrysene                  | 21.901 | 228  | 799015   | 44.240  | ng    | 99       |
| 84) Bis(2-ethylhexyl)phtha... | 21.737 | 149  | 407169   | 48.204  | ng    | 99       |
| 85) Di-n-octyl phthalate      | 23.000 | 149  | 709236   | 49.802  | ng    | 99       |
| 87) Indeno(1,2,3-cd)pyrene    | 29.034 | 276  | 1033332  | 45.114  | ng #  | 97       |
| 88) Benzo(b)fluoranthene      | 24.134 | 252  | 872834   | 45.715  | ng    | 99       |
| 89) Benzo(k)fluoranthene      | 24.205 | 252  | 867424   | 45.401  | ng    | 98       |
| 90) Benzo(a)pyrene            | 25.039 | 252  | 830855   | 47.341  | ng    | 100      |
| 91) Dibenzo(a,h)anthracene    | 29.099 | 278  | 858540   | 46.137  | ng    | 99       |
| 92) Benzo(g,h,i)perylene      | 29.034 | 276  | 1033332  | 45.114  | ng    | 99       |

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

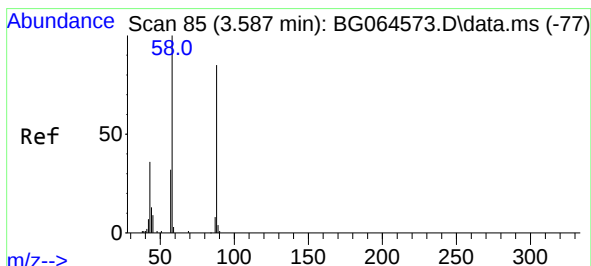
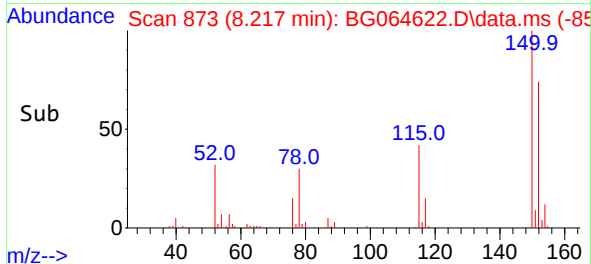
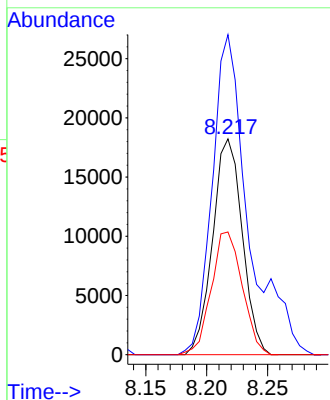
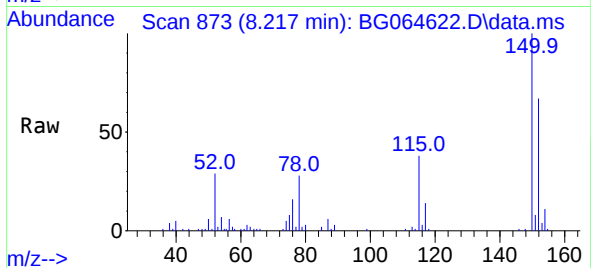




#1  
1,4-Dichlorobenzene-d4  
Concen: 20.000 ng  
RT: 8.217 min Scan# 81  
Delta R.T. -0.004 min  
Lab File: BG064622.D  
Acq: 29 Oct 2025 14:06

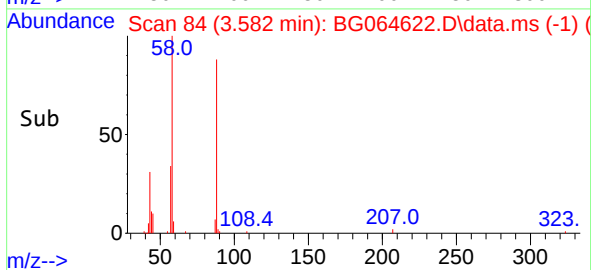
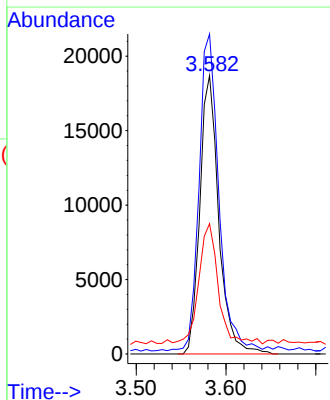
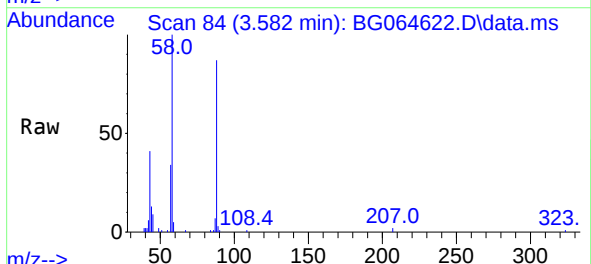
Instrument :  
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PB170215BS

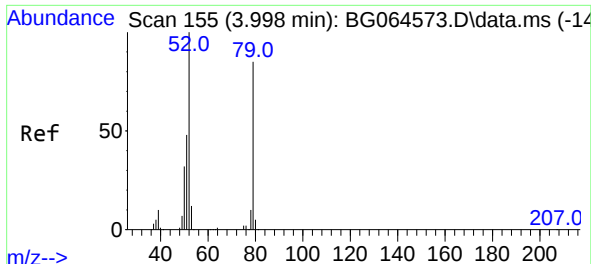
Tgt Ion:152 Resp: 30857  
Ion Ratio Lower Upper  
152 100  
150 148.2 122.2 183.4  
115 56.8 50.8 76.2



#2  
1,4-Dioxane  
Concen: 33.625 ng  
RT: 3.582 min Scan# 84  
Delta R.T. -0.009 min  
Lab File: BG064622.D  
Acq: 29 Oct 2025 14:06

Tgt Ion: 88 Resp: 27367  
Ion Ratio Lower Upper  
88 100  
58 117.6 92.4 138.6  
43 44.4 33.0 49.6

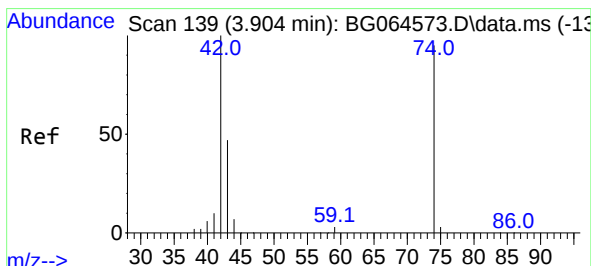
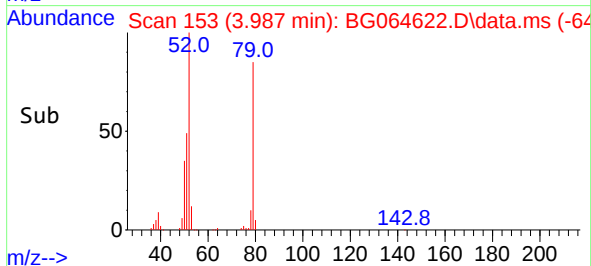
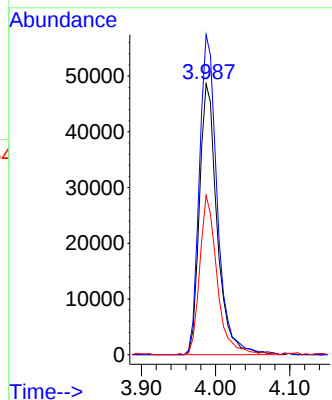
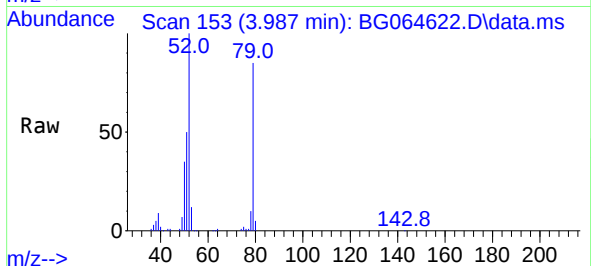




#3  
Pyridine  
Concen: 32.828 ng  
RT: 3.987 min Scan# 11  
Delta R.T. -0.009 min  
Lab File: BG064622.D  
Acq: 29 Oct 2025 14:06

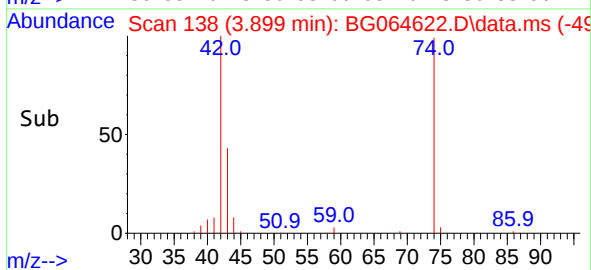
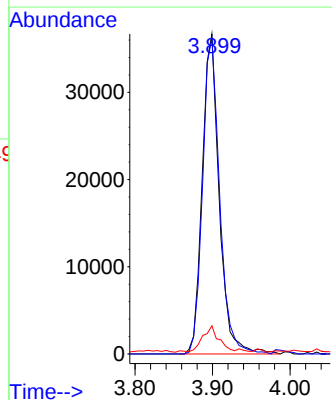
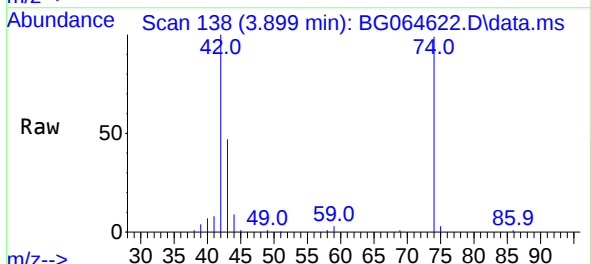
Instrument :  
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ClientSampleId :  
PB170215BS

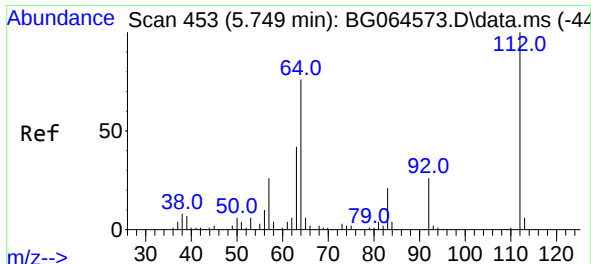
Tgt Ion: 79 Resp: 80236  
Ion Ratio Lower Upper  
79 100  
52 118.1 94.2 141.2  
51 58.8 46.1 69.1



#4  
n-Nitrosodimethylamine  
Concen: 42.556 ng  
RT: 3.899 min Scan# 138  
Delta R.T. -0.009 min  
Lab File: BG064622.D  
Acq: 29 Oct 2025 14:06

Tgt Ion: 42 Resp: 55779  
Ion Ratio Lower Upper  
42 100  
74 98.7 76.1 114.1  
44 8.8 6.3 9.5

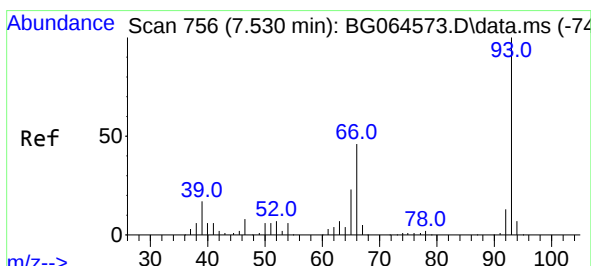
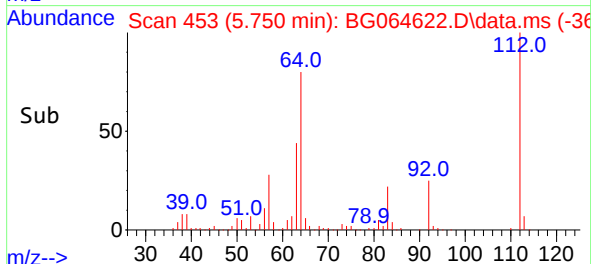
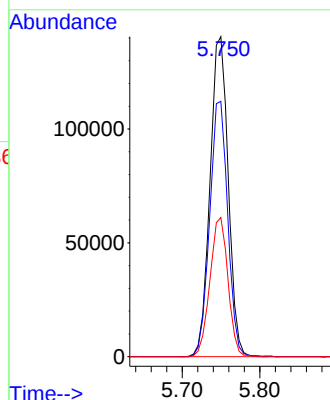
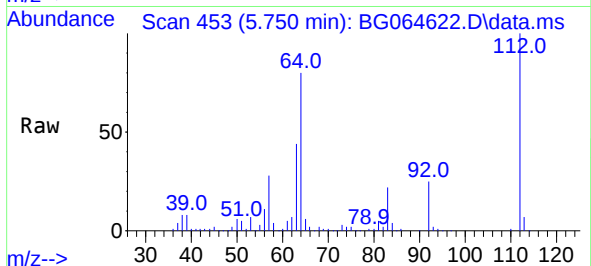




#5  
2-Fluorophenol  
Concen: 125.006 ng  
RT: 5.750 min Scan# 411  
Delta R.T. 0.003 min  
Lab File: BG064622.D  
Acq: 29 Oct 2025 14:06

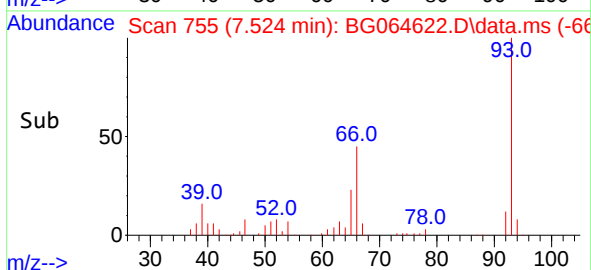
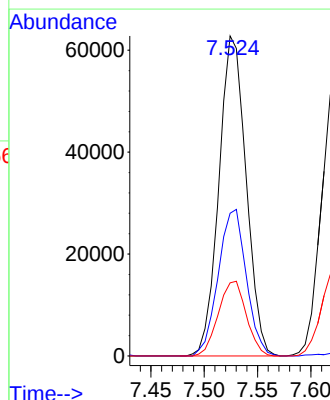
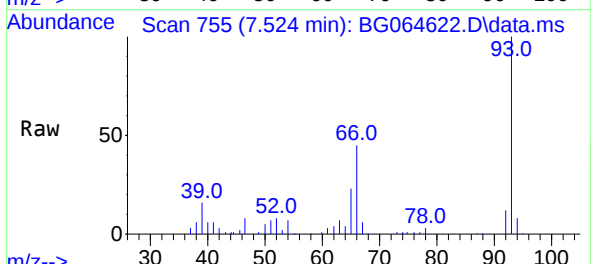
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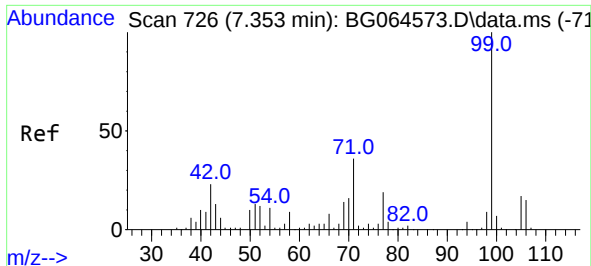
Tgt Ion:112 Resp: 229807  
Ion Ratio Lower Upper  
112 100  
64 79.8 60.7 91.1  
63 43.5 33.4 50.0



#6  
Aniline  
Concen: 32.409 ng  
RT: 7.524 min Scan# 755  
Delta R.T. -0.009 min  
Lab File: BG064622.D  
Acq: 29 Oct 2025 14:06

Tgt Ion: 93 Resp: 111247  
Ion Ratio Lower Upper  
93 100  
66 44.6 37.0 55.6  
65 22.9 18.3 27.5

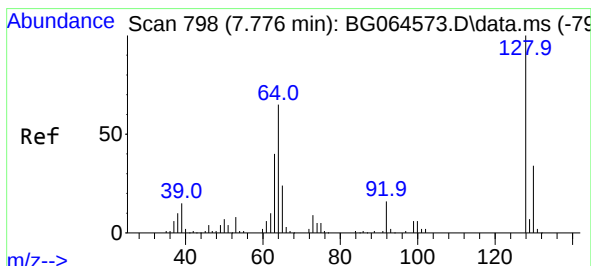
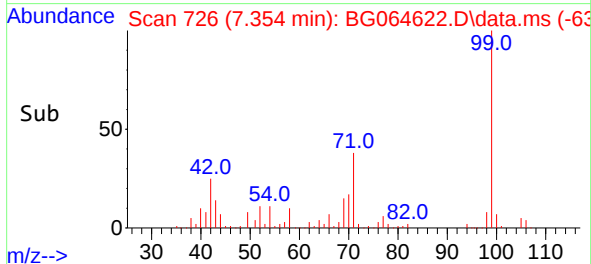
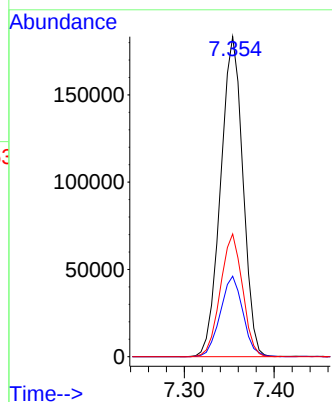
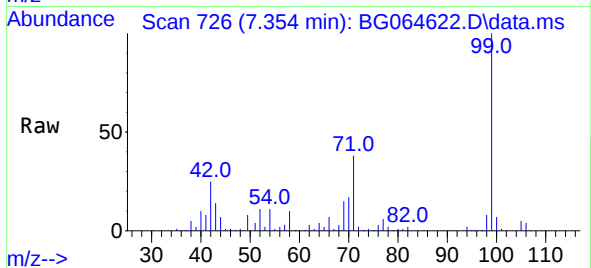




#7  
Phenol-d6  
Concen: 125.132 ng  
RT: 7.354 min Scan# 71  
Delta R.T. -0.003 min  
Lab File: BG064622.D  
Acq: 29 Oct 2025 14:06

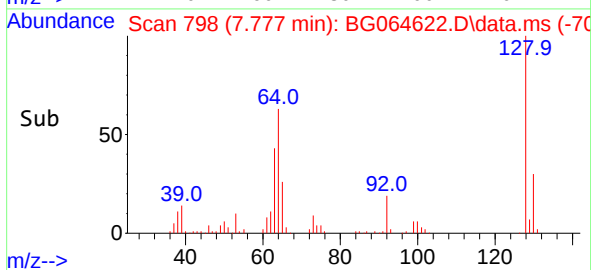
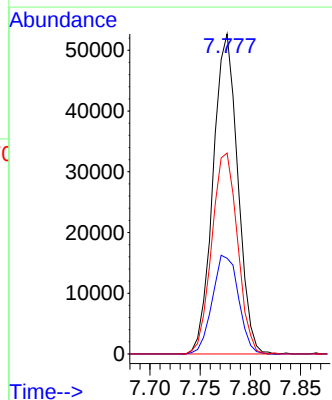
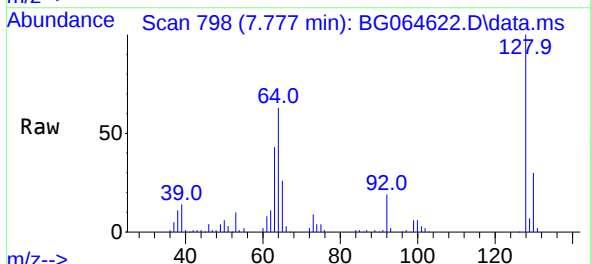
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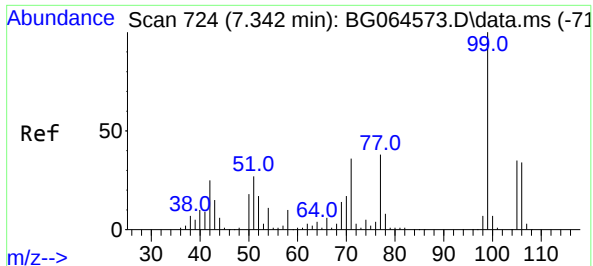
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Ion Ratio Lower Upper  
99 100  
42 25.1 18.3 27.5  
71 38.4 28.6 43.0



#8  
2-Chlorophenol  
Concen: 46.861 ng  
RT: 7.777 min Scan# 798  
Delta R.T. -0.003 min  
Lab File: BG064622.D  
Acq: 29 Oct 2025 14:06

Tgt Ion:128 Resp: 90171  
Ion Ratio Lower Upper  
128 100  
130 29.9 13.5 53.5  
64 62.8 45.2 85.2

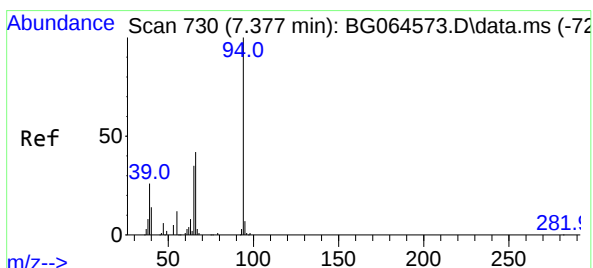
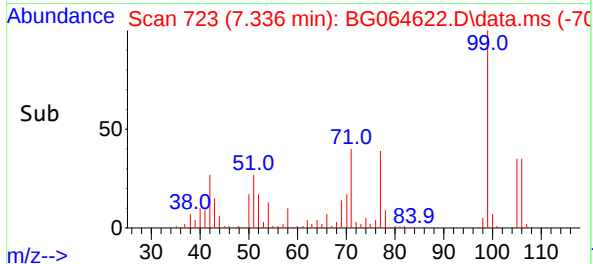
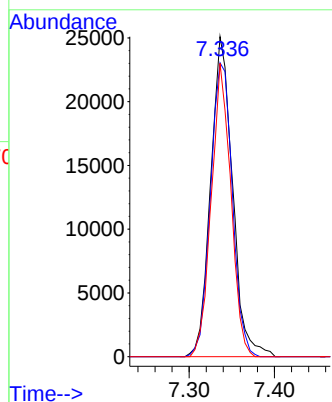
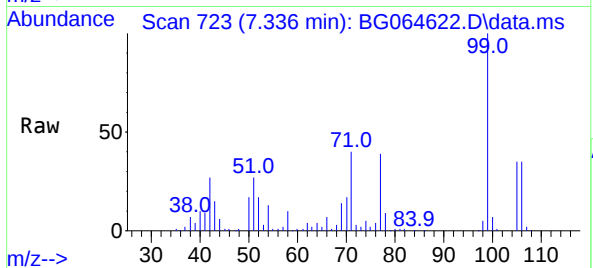




#9  
Benzaldehyde  
Concen: 32.430 ng  
RT: 7.336 min Scan# 71  
Delta R.T. -0.003 min  
Lab File: BG064622.D  
Acq: 29 Oct 2025 14:06

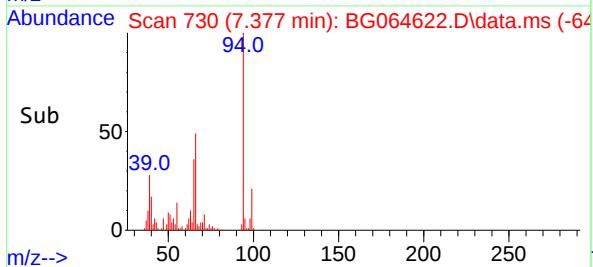
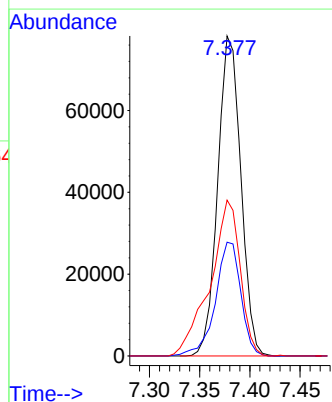
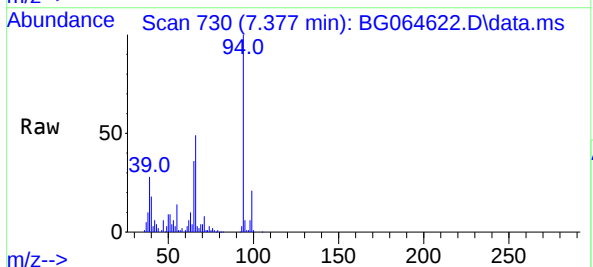
Instrument :  
BNA\_G  
ClientSampleId :  
PB170215BS

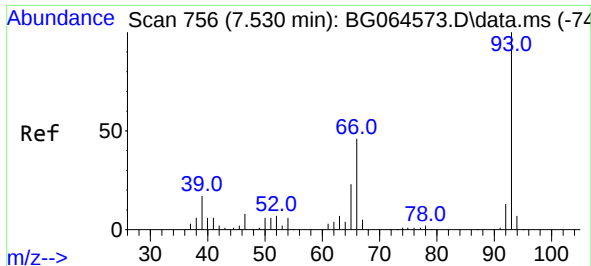
Tgt Ion: 77 Resp: 44662  
Ion Ratio Lower Upper  
77 100  
105 91.9 72.9 112.9  
106 91.6 70.8 110.8



#10  
Phenol  
Concen: 44.866 ng  
RT: 7.377 min Scan# 730  
Delta R.T. -0.009 min  
Lab File: BG064622.D  
Acq: 29 Oct 2025 14:06

Tgt Ion: 94 Resp: 125167  
Ion Ratio Lower Upper  
94 100  
65 35.5 15.8 55.8  
66 48.7 24.0 64.0

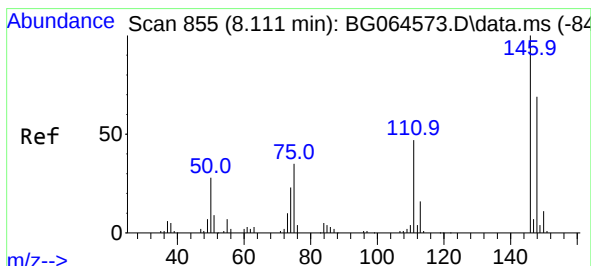
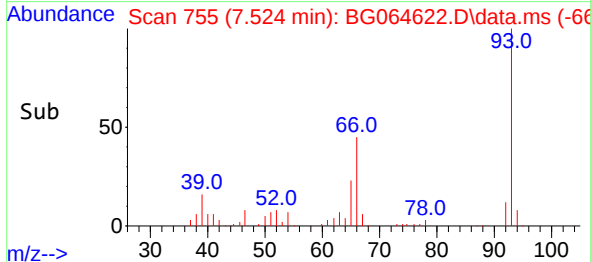
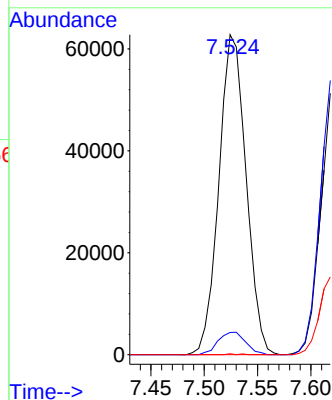
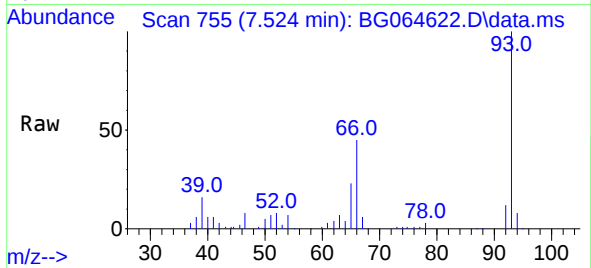




#11  
bis(2-Chloroethyl)ether  
Concen: 32.409 ng  
RT: 7.524 min Scan# 71  
Delta R.T. -0.009 min  
Lab File: BG064622.D  
Acq: 29 Oct 2025 14:06

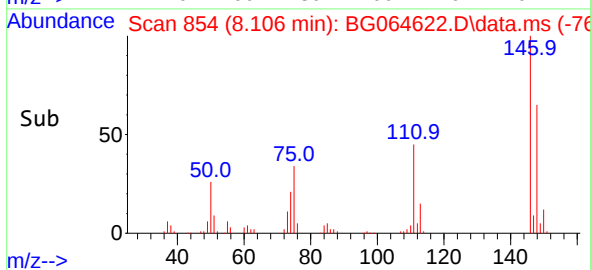
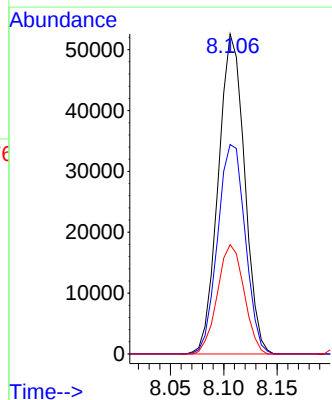
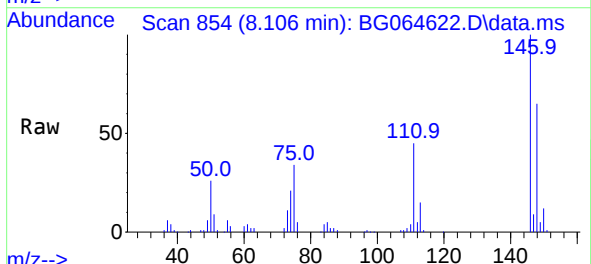
Instrument :  
BNA\_G  
ClientSampleId :  
PB170215BS

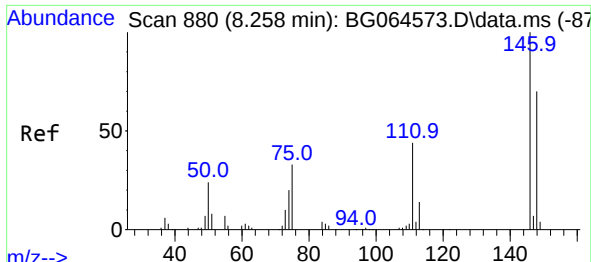
Tgt Ion: 93 Resp: 111247  
Ion Ratio Lower Upper  
93 100  
63 6.9 0.0 27.4  
95 0.3 0.0 20.2



#12  
1,3-Dichlorobenzene  
Concen: 40.591 ng  
RT: 8.106 min Scan# 854  
Delta R.T. -0.003 min  
Lab File: BG064622.D  
Acq: 29 Oct 2025 14:06

Tgt Ion:146 Resp: 89896  
Ion Ratio Lower Upper  
146 100  
148 65.5 55.3 82.9  
75 34.2 28.2 42.2

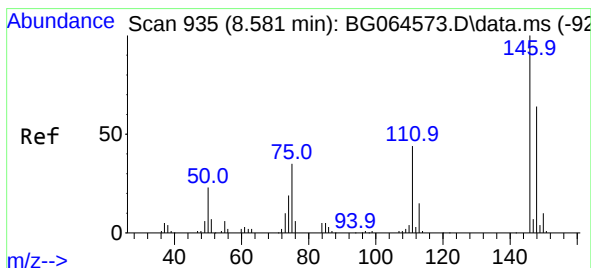
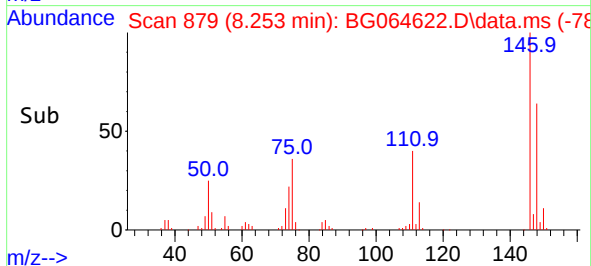
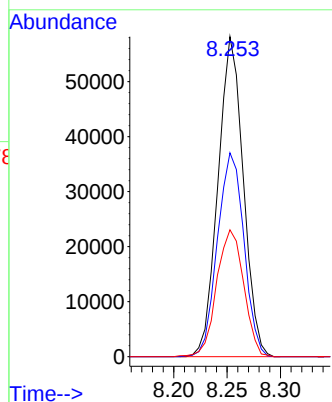
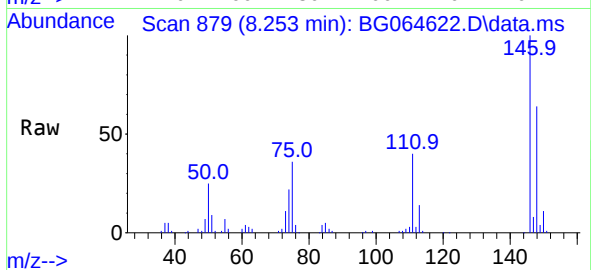




#13  
1,4-Dichlorobenzene  
Concen: 42.560 ng  
RT: 8.253 min Scan# 81  
Delta R.T. -0.003 min  
Lab File: BG064622.D  
Acq: 29 Oct 2025 14:06

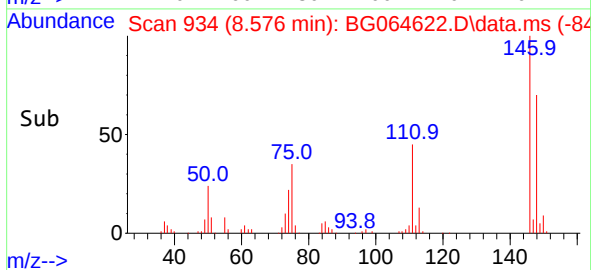
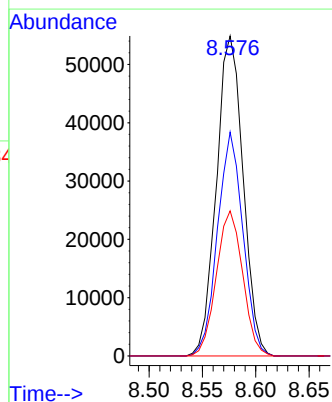
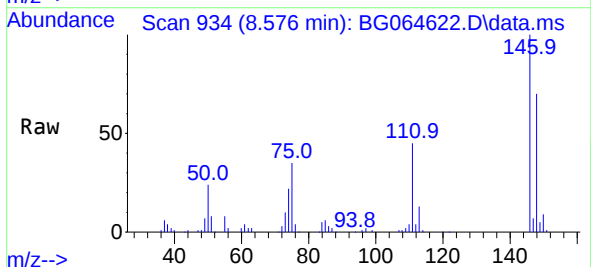
Instrument :  
BNA\_G  
ClientSampleId :  
PB170215BS

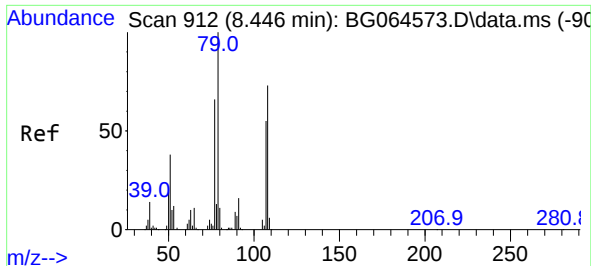
Tgt Ion:146 Resp: 95840  
Ion Ratio Lower Upper  
146 100  
148 63.7 56.2 84.4  
111 39.7 35.4 53.0



#14  
1,2-Dichlorobenzene  
Concen: 43.998 ng  
RT: 8.576 min Scan# 934  
Delta R.T. -0.003 min  
Lab File: BG064622.D  
Acq: 29 Oct 2025 14:06

Tgt Ion:146 Resp: 95566  
Ion Ratio Lower Upper  
146 100  
148 69.9 51.5 77.3  
111 45.3 35.0 52.6

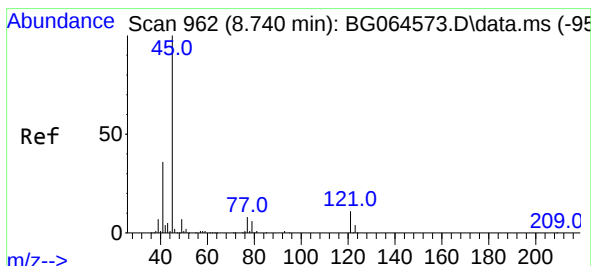
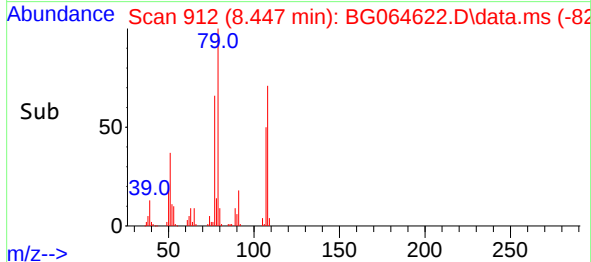
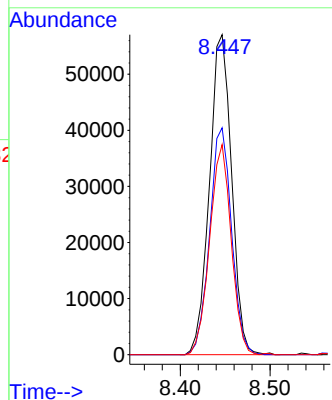
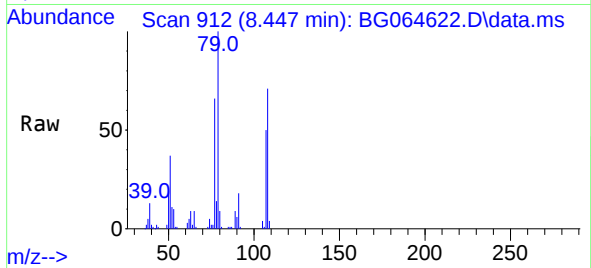




#15  
Benzyl Alcohol  
Concen: 46.959 ng  
RT: 8.447 min Scan# 912  
Delta R.T. -0.009 min  
Lab File: BG064622.D  
Acq: 29 Oct 2025 14:06

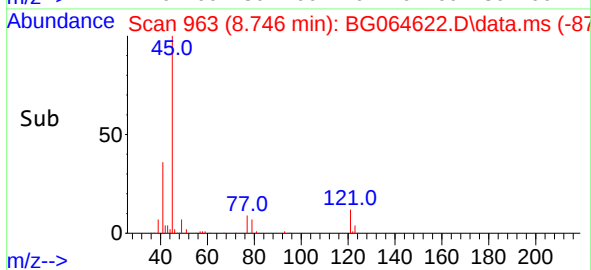
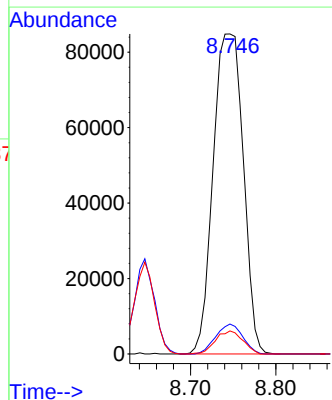
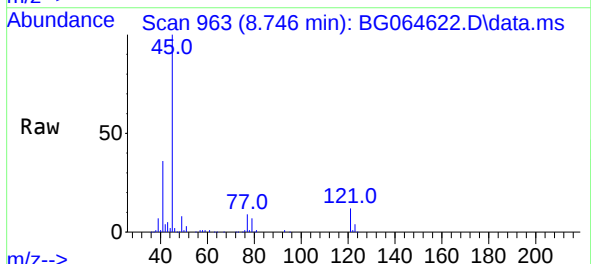
Instrument :  
BNA\_G  
ClientSampleId :  
PB170215BS

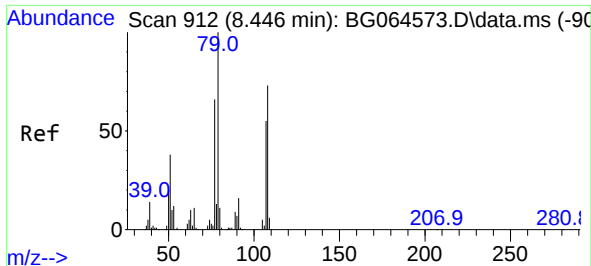
Tgt Ion: 79 Resp: 97685  
Ion Ratio Lower Upper  
79 100  
108 70.9 58.1 87.1  
77 65.6 52.8 79.2



#16  
2,2'-oxybis(1-Chloropropane)  
Concen: 38.690 ng  
RT: 8.746 min Scan# 963  
Delta R.T. 0.003 min  
Lab File: BG064622.D  
Acq: 29 Oct 2025 14:06

Tgt Ion: 45 Resp: 208165  
Ion Ratio Lower Upper  
45 100  
77 9.4 0.0 28.5  
79 7.2 0.0 25.6

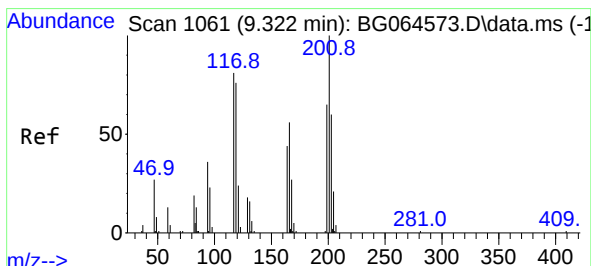
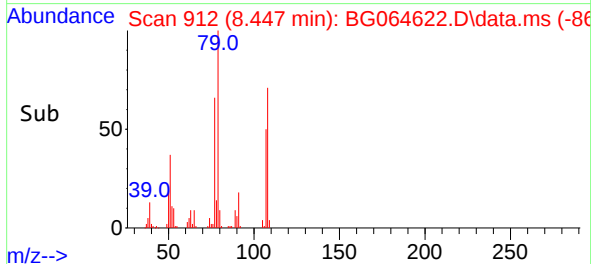
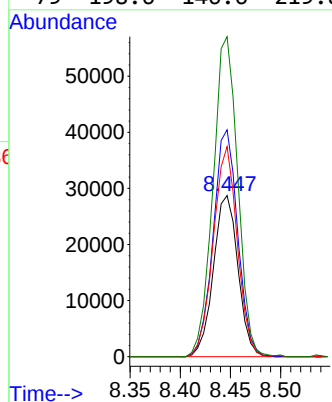
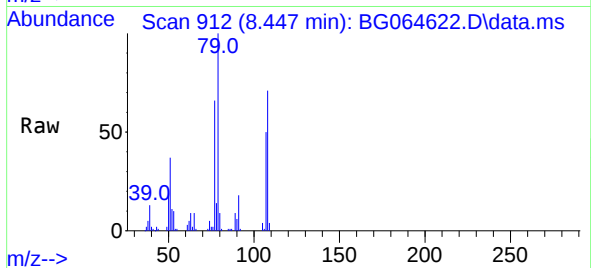




#17  
2-Methylphenol  
Concen: 47.125 ng  
RT: 8.447 min Scan# 912  
Delta R.T. -0.003 min  
Lab File: BG064622.D  
Acq: 29 Oct 2025 14:06

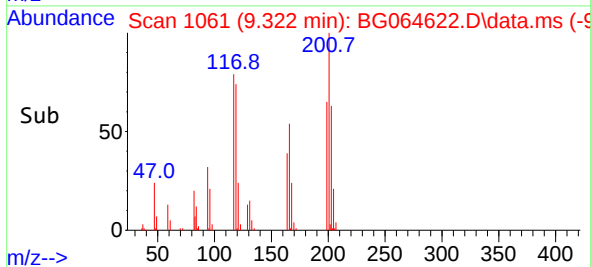
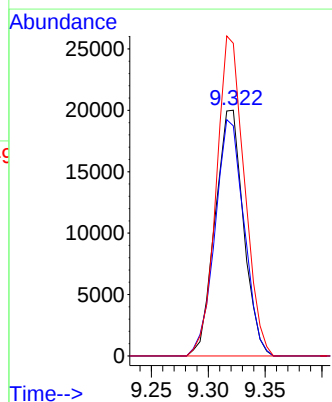
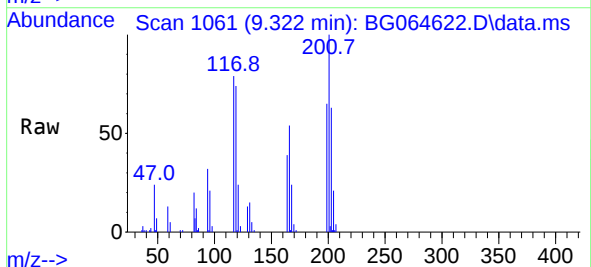
Instrument :  
BNA\_G  
ClientSampleId :  
PB170215BS

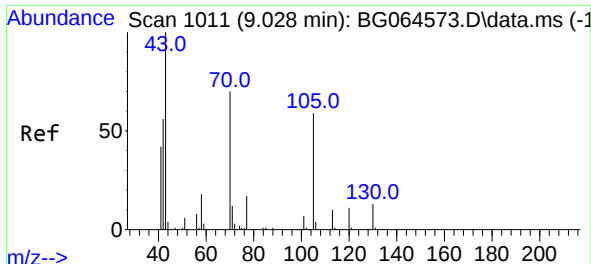
Tgt Ion:107 Resp: 49001  
Ion Ratio Lower Upper  
107 100  
108 140.8 106.4 159.6  
77 130.4 96.7 145.1  
79 198.6 146.6 219.8



#18  
Hexachloroethane  
Concen: 44.022 ng  
RT: 9.322 min Scan# 1061  
Delta R.T. -0.003 min  
Lab File: BG064622.D  
Acq: 29 Oct 2025 14:06

Tgt Ion:117 Resp: 34789  
Ion Ratio Lower Upper  
117 100  
119 93.6 75.4 113.2  
201 130.9 99.2 148.8



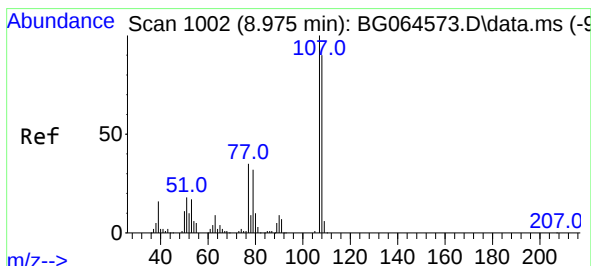
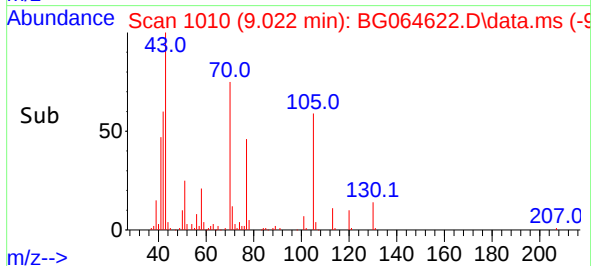
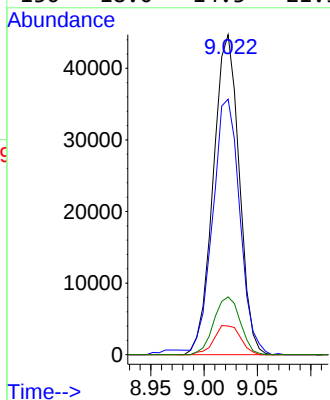
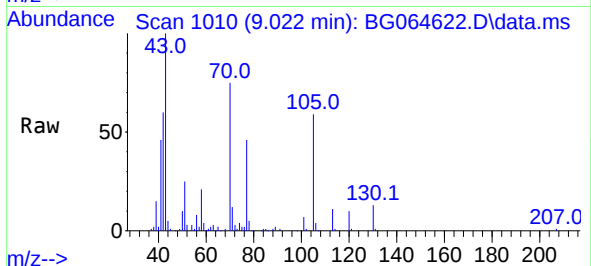


#19  
n-Nitroso-di-n-propylamine  
Concen: 43.365 ng  
RT: 9.022 min Scan# 1011  
Delta R.T. -0.009 min  
Lab File: BG064622.D  
Acq: 29 Oct 2025 14:06

Instrument :  
BNA\_G  
ClientSampleId :  
PB170215BS

Tgt Ion: 70 Resp: 75603

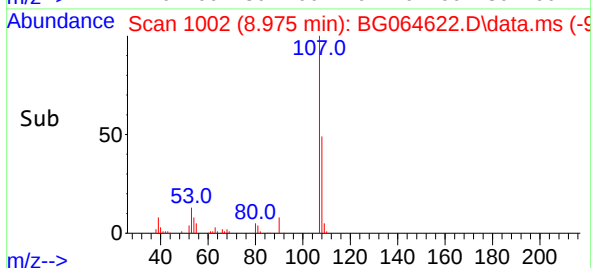
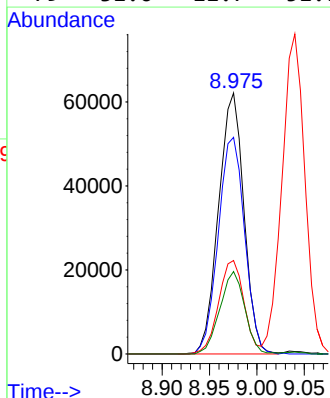
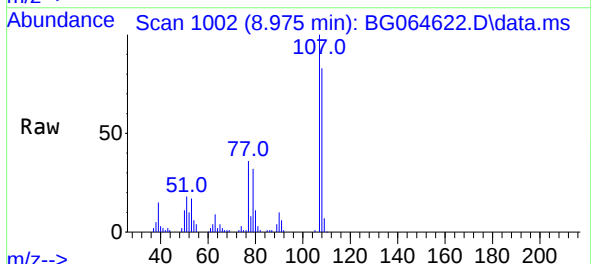
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 70  | 100   |       |       |
| 42  | 79.8  | 65.2  | 97.8  |
| 101 | 9.0   | 7.9   | 11.9  |
| 130 | 18.0  | 14.3  | 21.5  |

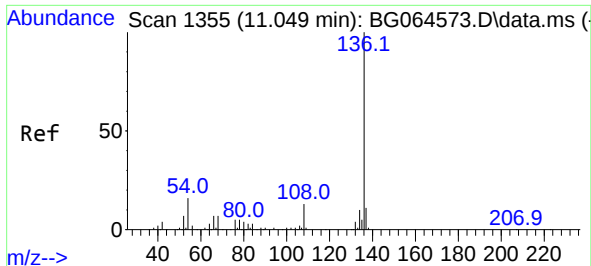


#20  
3+4-Methylphenols  
Concen: 44.339 ng  
RT: 8.975 min Scan# 1002  
Delta R.T. -0.009 min  
Lab File: BG064622.D  
Acq: 29 Oct 2025 14:06

Tgt Ion: 107 Resp: 115498

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 107 | 100   |       |       |
| 108 | 83.0  | 70.3  | 110.3 |
| 77  | 35.8  | 14.6  | 54.6  |
| 79  | 31.6  | 11.7  | 51.7  |



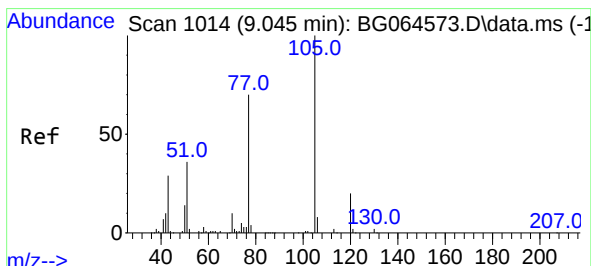
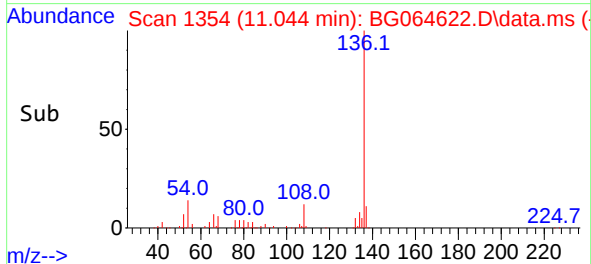
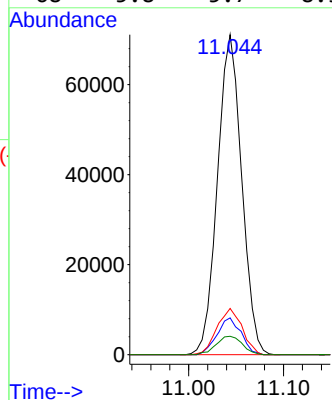
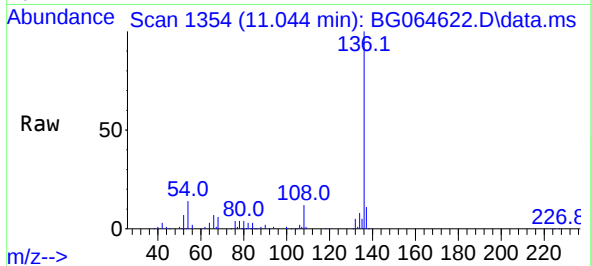


#21  
Naphthalene-d8  
Concen: 20.000 ng  
RT: 11.044 min Scan# 11  
Delta R.T. -0.009 min  
Lab File: BG064622.D  
Acq: 29 Oct 2025 14:06

Instrument :  
BNA\_G  
ClientSampleId :  
PB170215BS

Tgt Ion:136 Resp: 126314

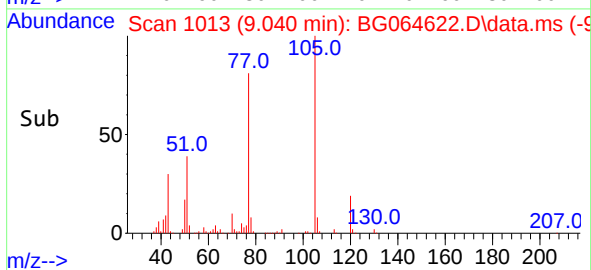
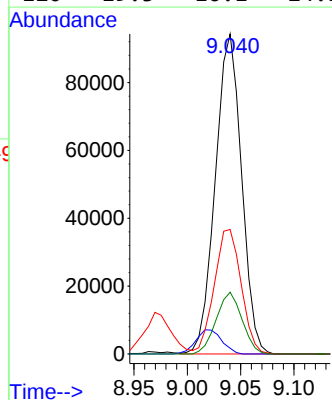
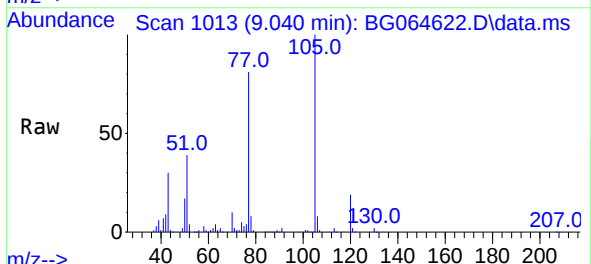
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 136 | 100   |       |       |
| 137 | 11.5  | 9.2   | 13.8  |
| 54  | 14.5  | 12.6  | 19.0  |
| 68  | 5.8   | 5.7   | 8.5   |

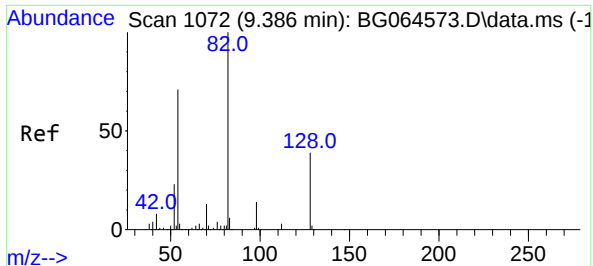


#22  
Acetophenone  
Concen: 46.691 ng  
RT: 9.040 min Scan# 1013  
Delta R.T. -0.009 min  
Lab File: BG064622.D  
Acq: 29 Oct 2025 14:06

Tgt Ion:105 Resp: 161222

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 105 | 100   |       |       |
| 71  | 1.8   | 1.5   | 2.3   |
| 51  | 38.9  | 33.7  | 50.5  |
| 120 | 19.3  | 16.1  | 24.1  |





#23

Nitrobenzene-d5

Concen: 95.443 ng

RT: 9.381 min Scan# 1071

Delta R.T. -0.009 min

Lab File: BG064622.D

Acq: 29 Oct 2025 14:06

Instrument :

BNA\_G

ClientSampleId :

PB170215BS

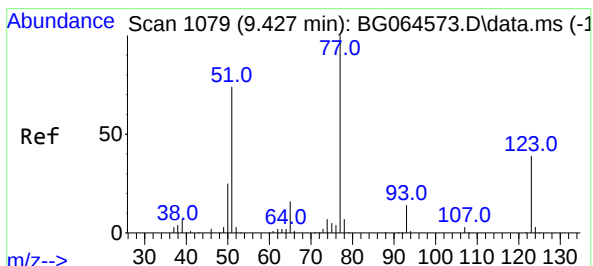
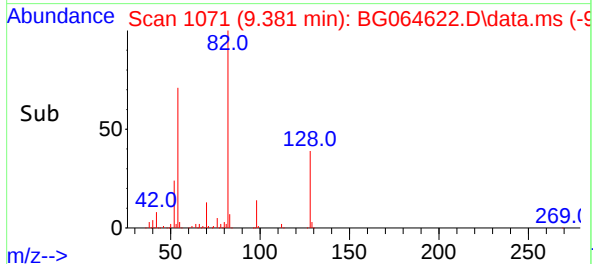
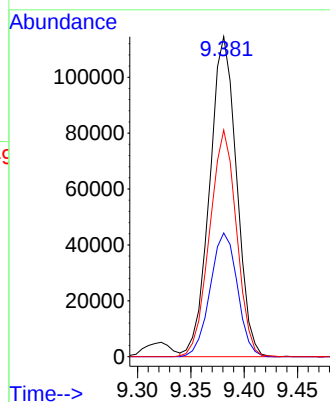
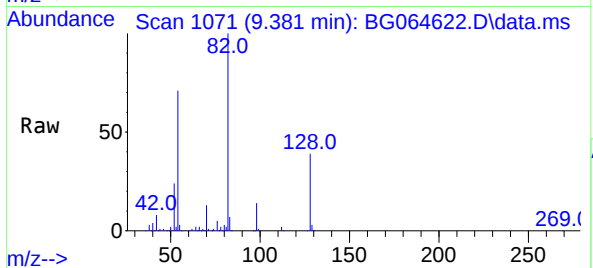
Tgt Ion: 82 Resp: 200721

Ion Ratio Lower Upper

82 100

128 38.7 31.3 46.9

54 70.8 56.6 84.8



#24

Nitrobenzene

Concen: 47.891 ng

RT: 9.422 min Scan# 1078

Delta R.T. -0.009 min

Lab File: BG064622.D

Acq: 29 Oct 2025 14:06

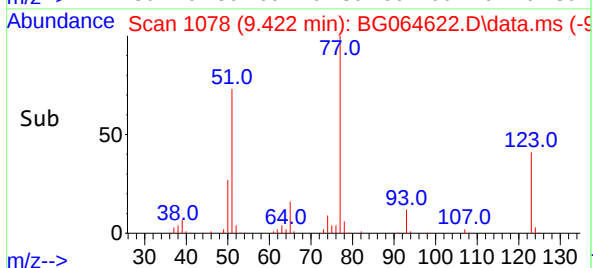
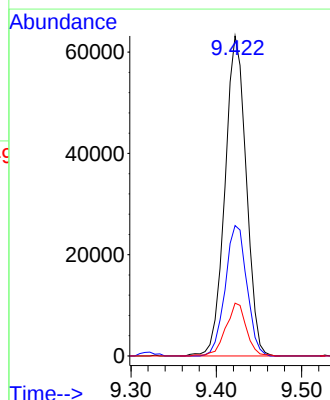
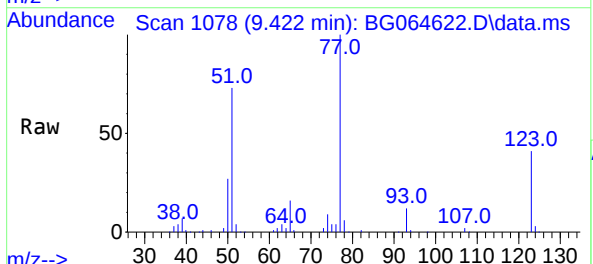
Tgt Ion: 77 Resp: 109545

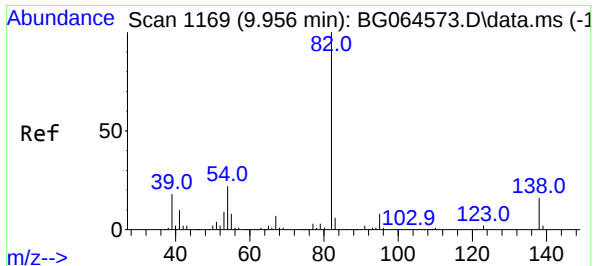
Ion Ratio Lower Upper

77 100

123 40.7 31.0 46.6

65 16.5 12.7 19.1

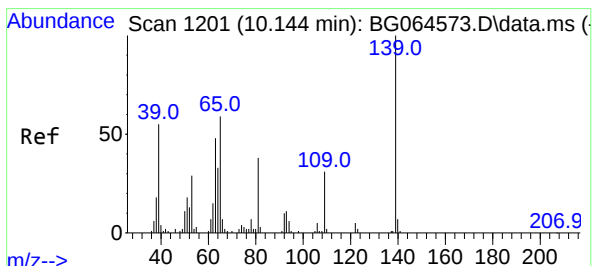
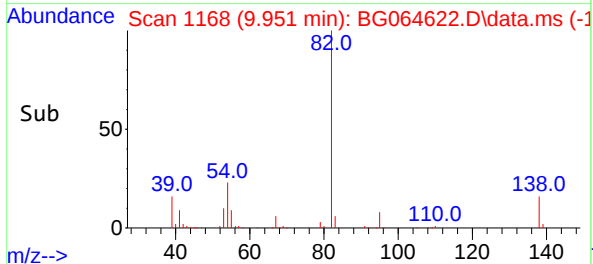
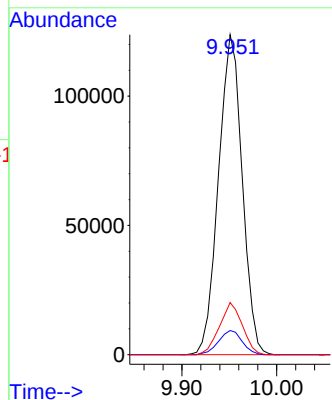
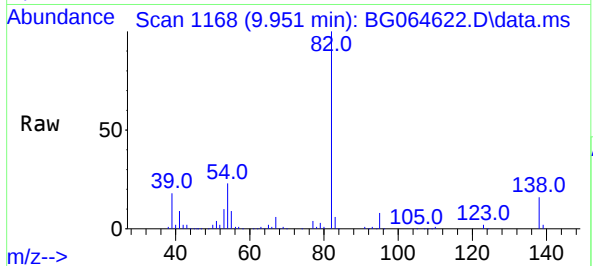




#25  
Isophorone  
Concen: 42.623 ng  
RT: 9.951 min Scan# 1169  
Delta R.T. -0.015 min  
Lab File: BG064622.D  
Acq: 29 Oct 2025 14:06

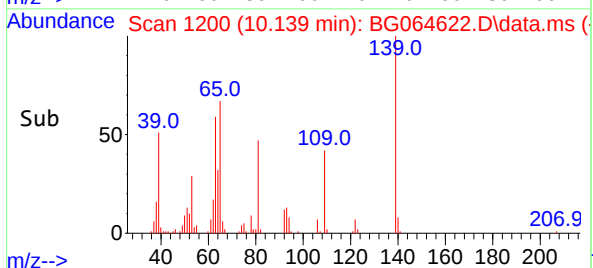
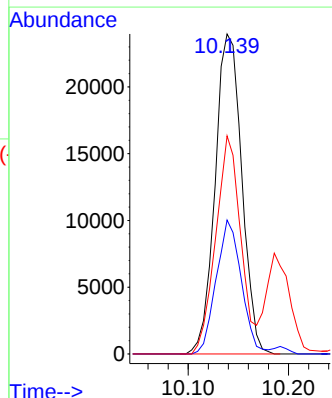
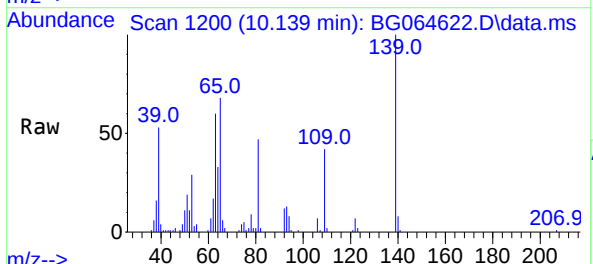
Instrument :  
BNA\_G  
ClientSampleId :  
PB170215BS

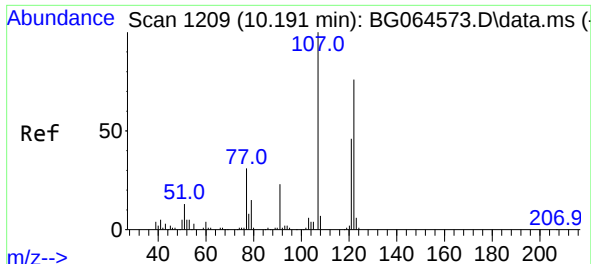
Tgt Ion: 82 Resp: 215090  
Ion Ratio Lower Upper  
82 100  
95 7.5 6.1 9.1  
138 16.3 13.0 19.4



#26  
2-Nitrophenol  
Concen: 49.908 ng  
RT: 10.139 min Scan# 1200  
Delta R.T. -0.009 min  
Lab File: BG064622.D  
Acq: 29 Oct 2025 14:06

Tgt Ion: 139 Resp: 44164  
Ion Ratio Lower Upper  
139 100  
109 41.8 24.6 37.0#  
65 68.2 47.5 71.3





#27

2,4-Dimethylphenol

Concen: 49.980 ng

RT: 10.192 min Scan# 1

Delta R.T. -0.003 min

Lab File: BG064622.D

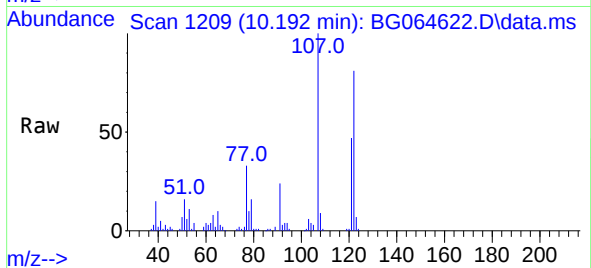
Acq: 29 Oct 2025 14:06

Instrument :

BNA\_G

ClientSampleId :

PB170215BS



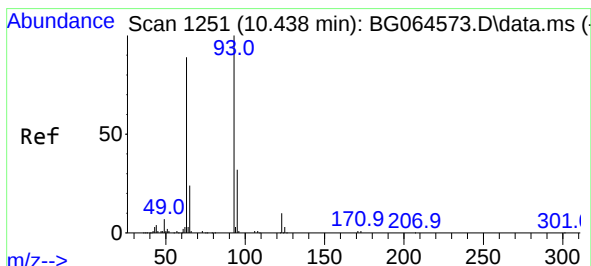
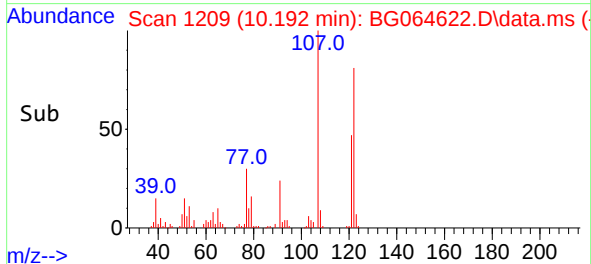
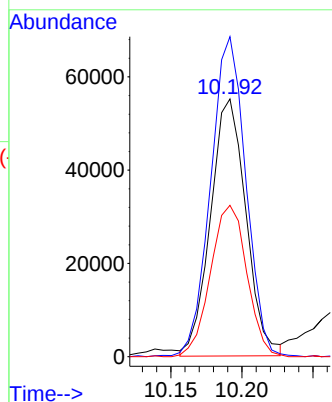
Tgt Ion:122 Resp: 95696

Ion Ratio Lower Upper

122 100

107 124.2 103.0 154.4

121 58.7 47.8 71.8



#28

bis(2-Chloroethoxy)methane

Concen: 42.458 ng

RT: 10.433 min Scan# 1250

Delta R.T. -0.003 min

Lab File: BG064622.D

Acq: 29 Oct 2025 14:06

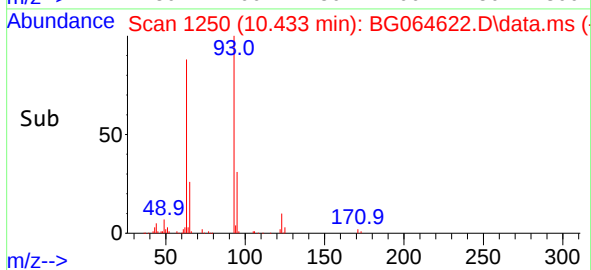
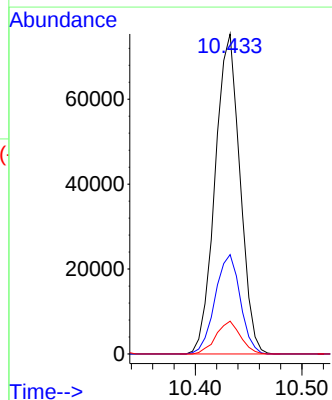
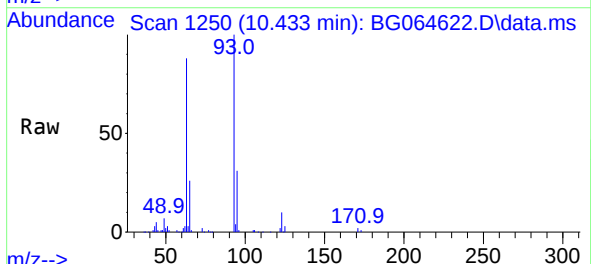
Tgt Ion: 93 Resp: 121990

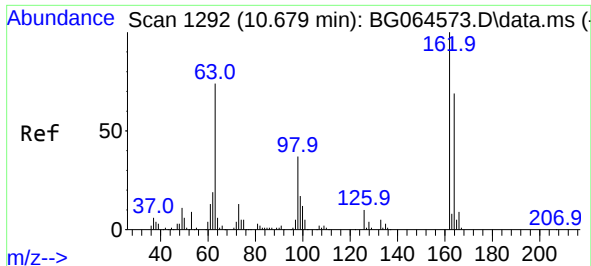
Ion Ratio Lower Upper

93 100

95 31.0 25.4 38.2

123 10.3 8.4 12.6

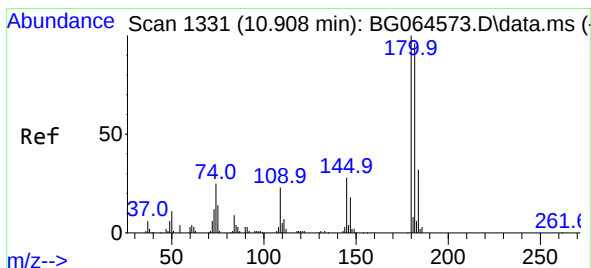
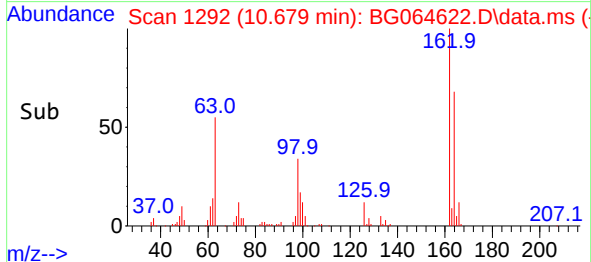
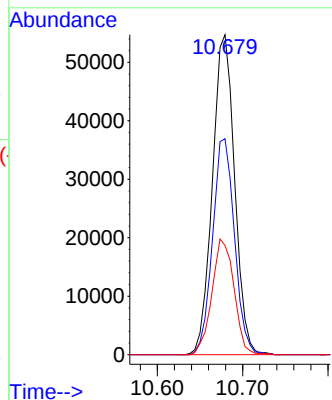
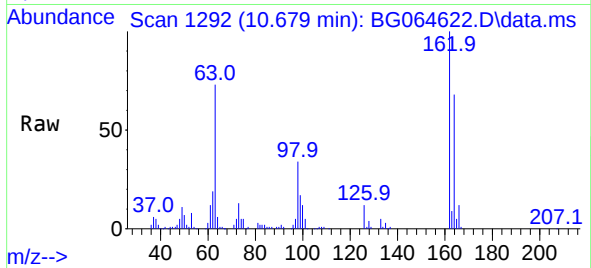




#29  
2,4-Dichlorophenol  
Concen: 49.036 ng  
RT: 10.679 min Scan# 11  
Delta R.T. -0.003 min  
Lab File: BG064622.D  
Acq: 29 Oct 2025 14:06

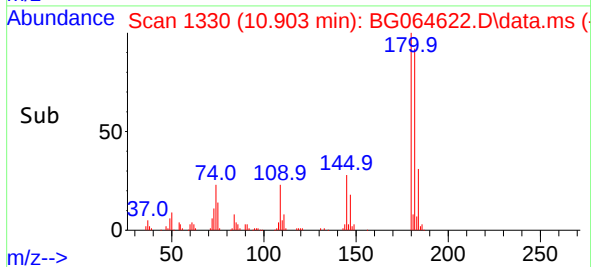
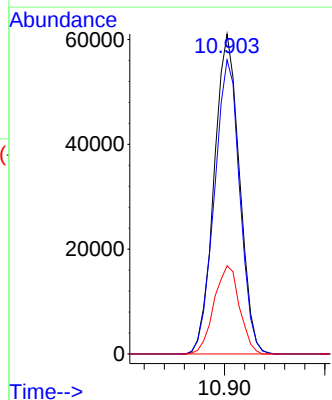
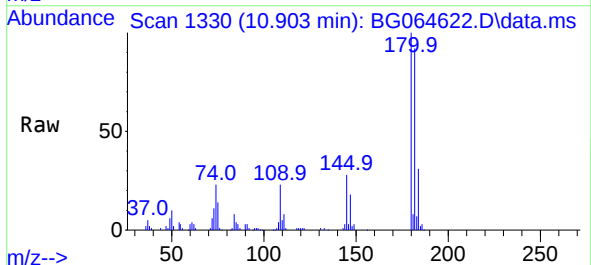
Instrument :  
BNA\_G  
ClientSampleId :  
PB170215BS

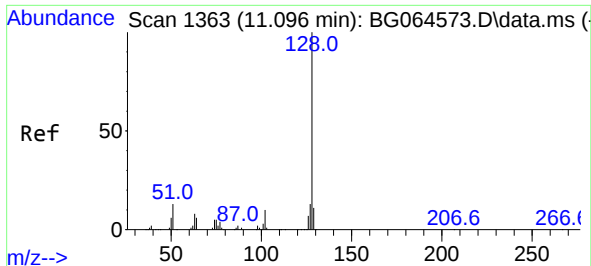
Tgt Ion:162 Resp: 99058  
Ion Ratio Lower Upper  
162 100  
164 67.5 48.7 88.7  
98 34.2 16.9 56.9



#30  
1,2,4-Trichlorobenzene  
Concen: 46.541 ng  
RT: 10.903 min Scan# 1330  
Delta R.T. -0.003 min  
Lab File: BG064622.D  
Acq: 29 Oct 2025 14:06

Tgt Ion:180 Resp: 106824  
Ion Ratio Lower Upper  
180 100  
182 91.9 76.9 115.3  
145 27.5 22.1 33.1

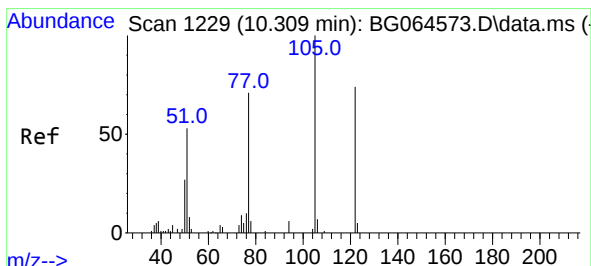
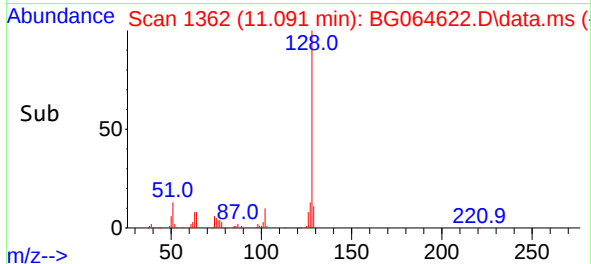
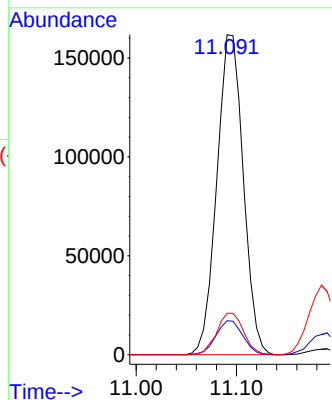
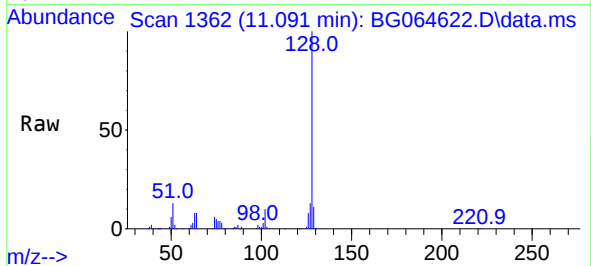




#31  
Naphthalene  
Concen: 42.229 ng  
RT: 11.091 min Scan# 11  
Delta R.T. -0.009 min  
Lab File: BG064622.D  
Acq: 29 Oct 2025 14:06

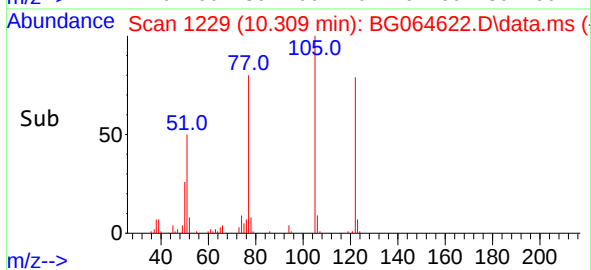
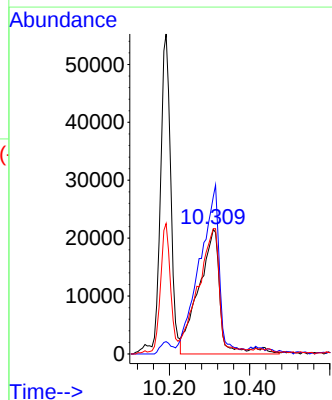
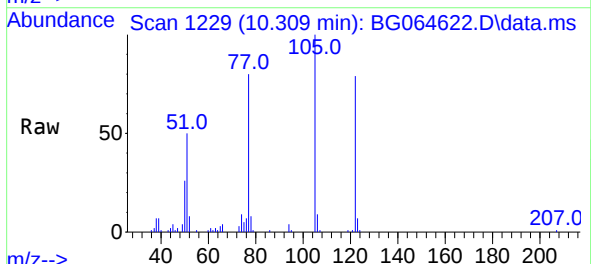
Instrument :  
BNA\_G  
ClientSampleId :  
PB170215BS

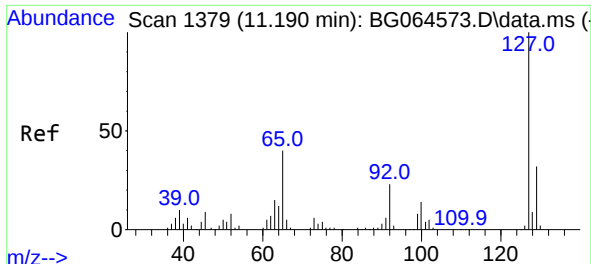
Tgt Ion:128 Resp: 295744  
Ion Ratio Lower Upper  
128 100  
129 10.6 8.8 13.2  
127 12.9 10.6 15.8



#32  
Benzoic acid  
Concen: 56.670 ng m  
RT: 10.309 min Scan# 1229  
Delta R.T. -0.033 min  
Lab File: BG064622.D  
Acq: 29 Oct 2025 14:06

Tgt Ion:122 Resp: 80232  
Ion Ratio Lower Upper  
122 100  
105 126.3 104.2 144.2  
77 100.4 70.2 110.2

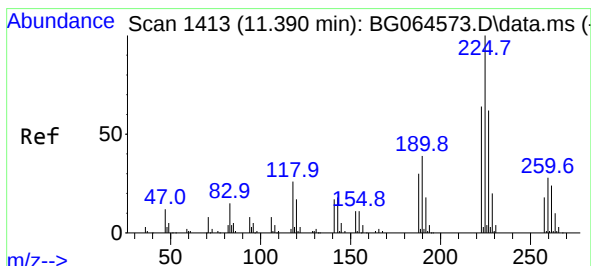
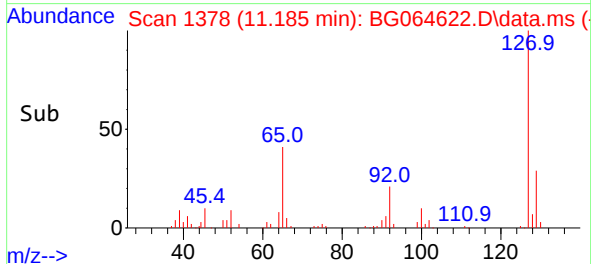
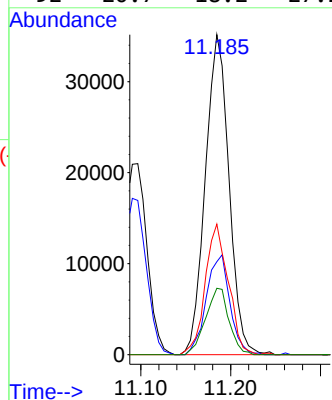
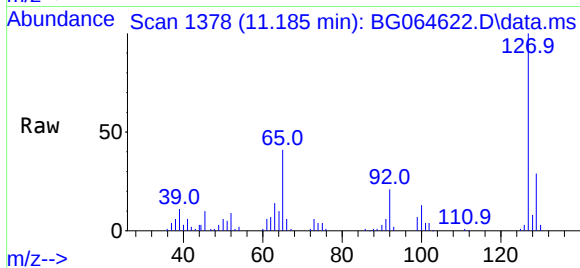




#33  
4-Chloroaniline  
Concen: 23.675 ng  
RT: 11.185 min Scan# 11  
Delta R.T. -0.003 min  
Lab File: BG064622.D  
Acq: 29 Oct 2025 14:06

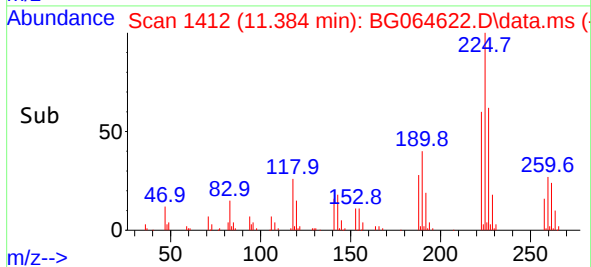
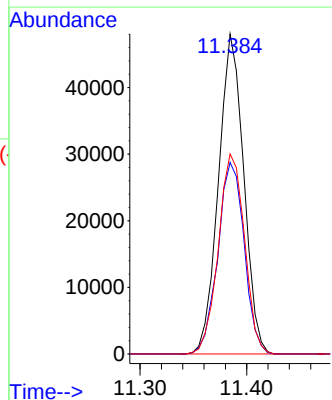
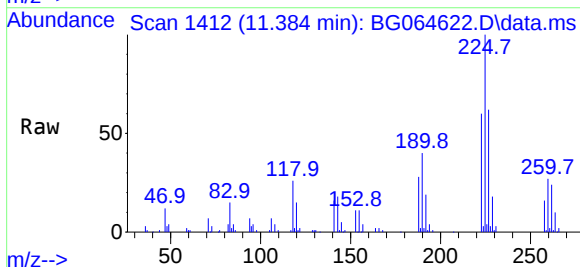
Instrument :  
BNA\_G  
ClientSampleId :  
PB170215BS

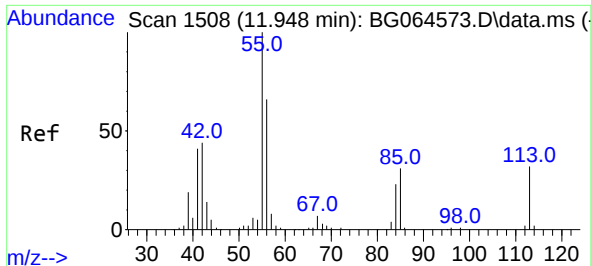
|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 127   | Resp: | 64445 |
| Ion      | Ratio | Lower | Upper |
| 127      | 100   |       |       |
| 129      | 29.0  | 25.5  | 38.3  |
| 65       | 40.8  | 32.2  | 48.4  |
| 92       | 20.7  | 18.2  | 27.2  |



#34  
Hexachlorobutadiene  
Concen: 43.919 ng  
RT: 11.384 min Scan# 1412  
Delta R.T. -0.009 min  
Lab File: BG064622.D  
Acq: 29 Oct 2025 14:06

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 225   | Resp: | 78836 |
| Ion      | Ratio | Lower | Upper |
| 225      | 100   |       |       |
| 223      | 57.4  | 48.8  | 73.2  |
| 227      | 62.7  | 49.5  | 74.3  |

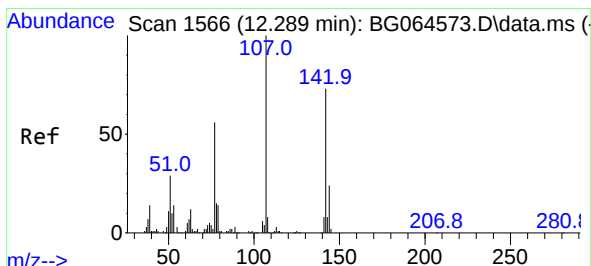
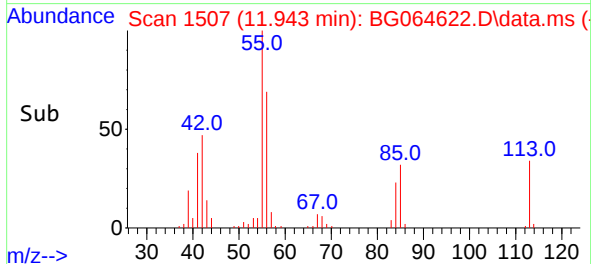
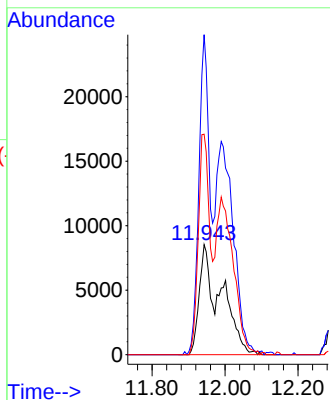
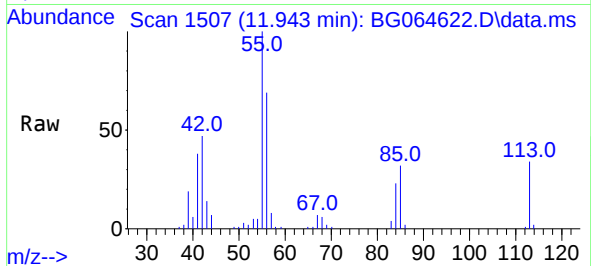




#35  
Caprolactam  
Concen: 45.563 ng m  
RT: 11.943 min Scan# 11  
Delta R.T. -0.032 min  
Lab File: BG064622.D  
Acq: 29 Oct 2025 14:06

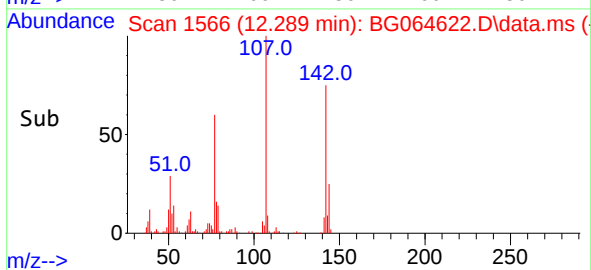
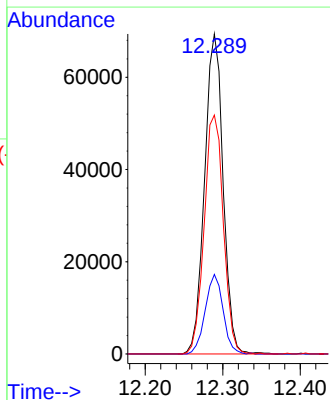
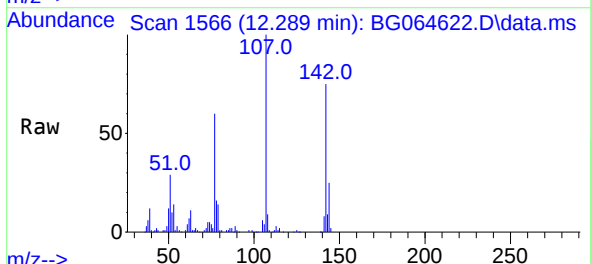
Instrument :  
BNA\_G  
ClientSampleId :  
PB170215BS

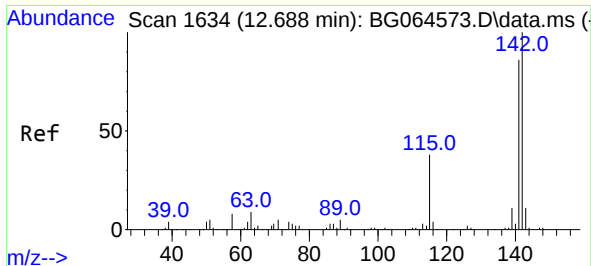
Tgt Ion:113 Resp: 35302  
Ion Ratio Lower Upper  
113 100  
55 290.8 290.1 330.1  
56 200.3 183.8 223.8



#36  
4-Chloro-3-methylphenol  
Concen: 47.506 ng  
RT: 12.289 min Scan# 1566  
Delta R.T. -0.009 min  
Lab File: BG064622.D  
Acq: 29 Oct 2025 14:06

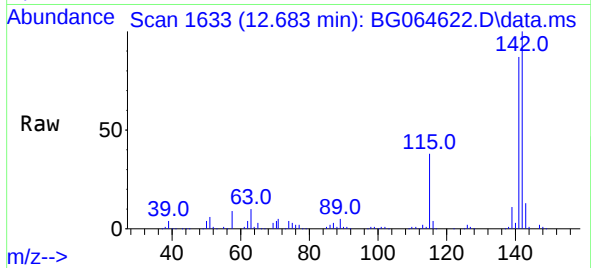
Tgt Ion:107 Resp: 115355  
Ion Ratio Lower Upper  
107 100  
144 24.9 19.1 28.7  
142 74.6 58.6 87.8



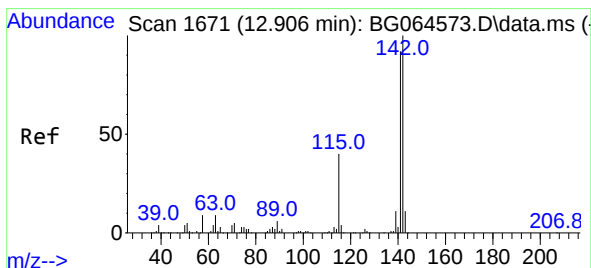
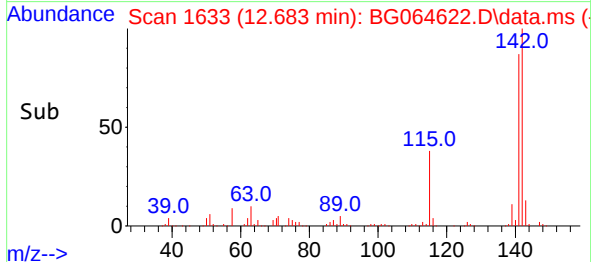
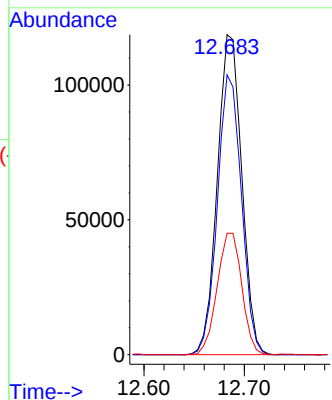


#37  
2-Methylnaphthalene  
Concen: 39.066 ng  
RT: 12.683 min Scan# 1  
Delta R.T. -0.009 min  
Lab File: BG064622.D  
Acq: 29 Oct 2025 14:06

Instrument :  
BNA\_G  
ClientSampleId :  
PB170215BS

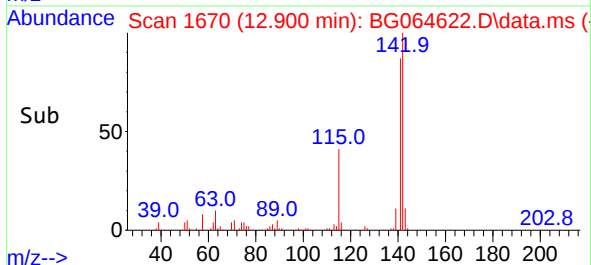
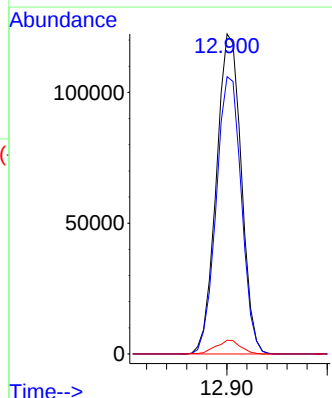
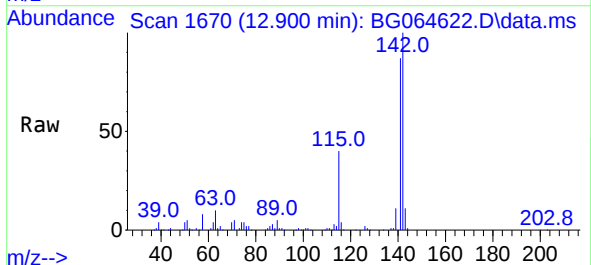


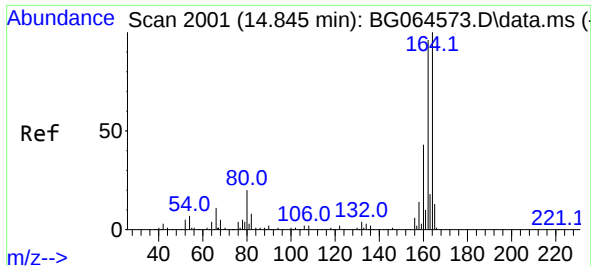
Tgt Ion:142 Resp: 200867  
Ion Ratio Lower Upper  
142 100  
141 87.5 68.9 103.3  
115 38.0 30.6 46.0



#38  
1-Methylnaphthalene  
Concen: 41.666 ng  
RT: 12.900 min Scan# 1670  
Delta R.T. -0.009 min  
Lab File: BG064622.D  
Acq: 29 Oct 2025 14:06

Tgt Ion:142 Resp: 210799  
Ion Ratio Lower Upper  
142 100  
141 86.7 73.3 109.9  
116 4.3 3.1 4.7

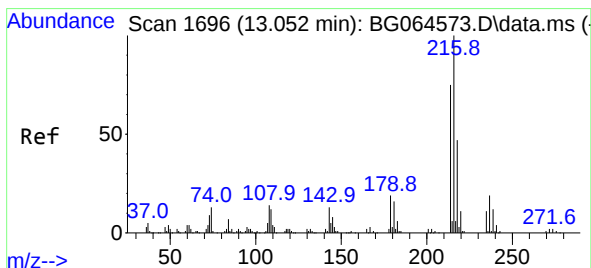
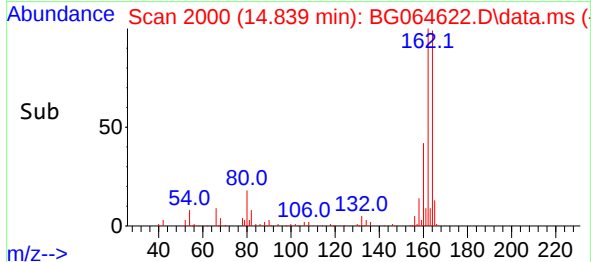
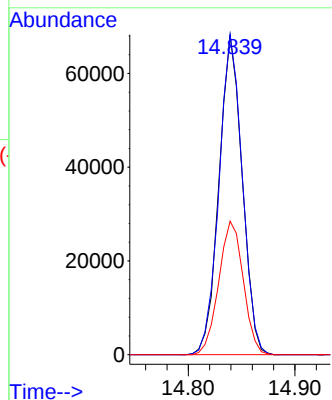
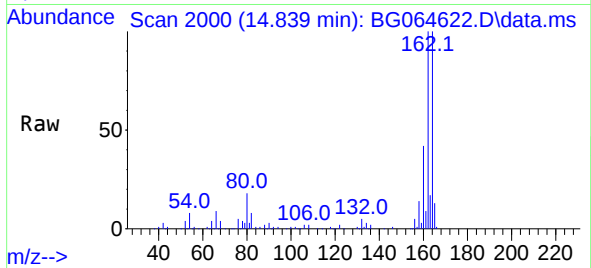




#39  
Acenaphthene-d10  
Concen: 20.000 ng  
RT: 14.839 min Scan# 20  
Delta R.T. -0.003 min  
Lab File: BG064622.D  
Acq: 29 Oct 2025 14:06

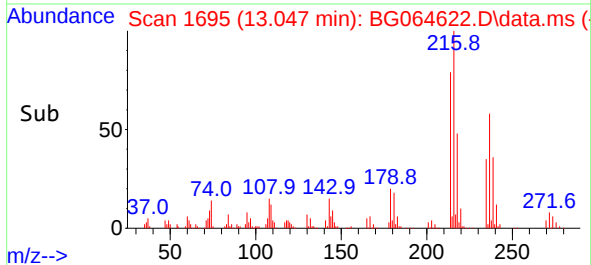
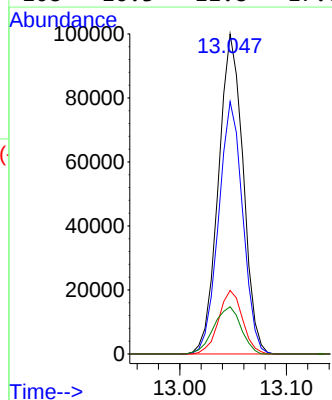
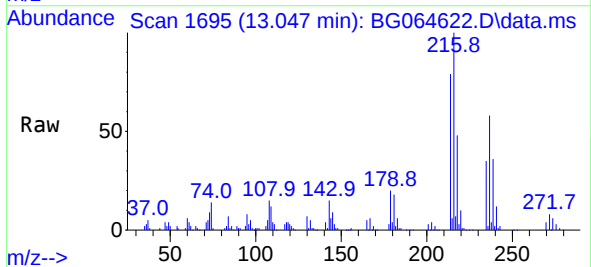
Instrument :  
BNA\_G  
ClientSampleId :  
PB170215BS

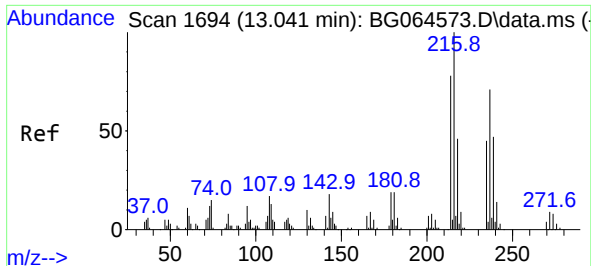
Tgt Ion:164 Resp: 102616  
Ion Ratio Lower Upper  
164 100  
162 100.2 77.0 115.6  
160 41.8 34.4 51.6



#40  
1,2,4,5-Tetrachlorobenzene  
Concen: 46.629 ng  
RT: 13.047 min Scan# 1695  
Delta R.T. -0.009 min  
Lab File: BG064622.D  
Acq: 29 Oct 2025 14:06

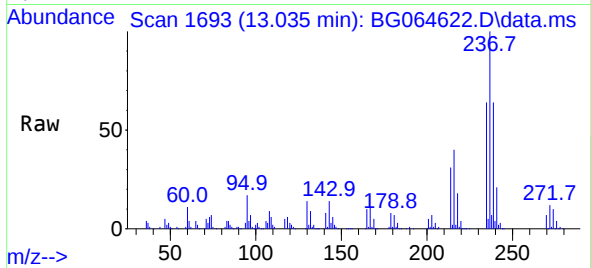
Tgt Ion:216 Resp: 160584  
Ion Ratio Lower Upper  
216 100  
214 77.1 61.4 92.2  
179 19.2 15.4 23.0  
108 16.3 11.8 17.6



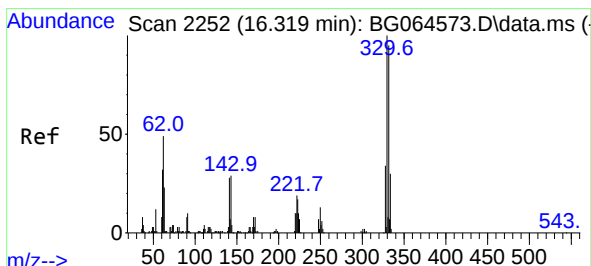
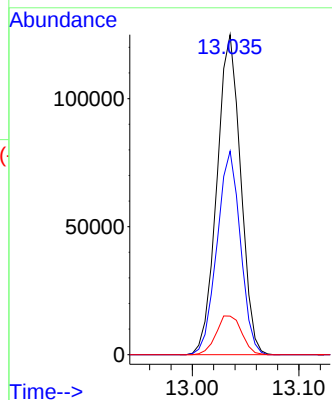
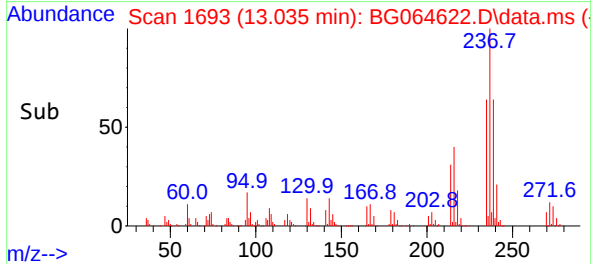


#41  
Hexachlorocyclopentadiene  
Concen: 124.589 ng  
RT: 13.035 min Scan# 1  
Delta R.T. -0.003 min  
Lab File: BG064622.D  
Acq: 29 Oct 2025 14:06

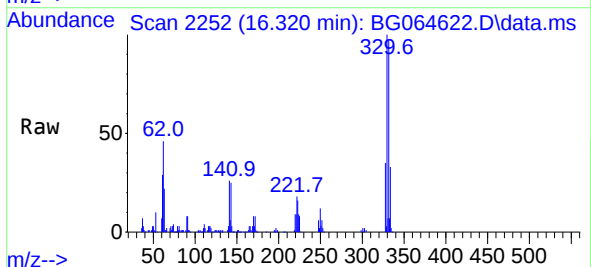
Instrument :  
BNA\_G  
ClientSampleId :  
PB170215BS



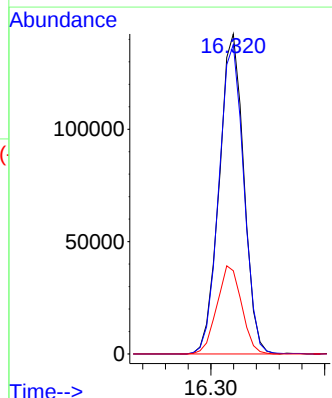
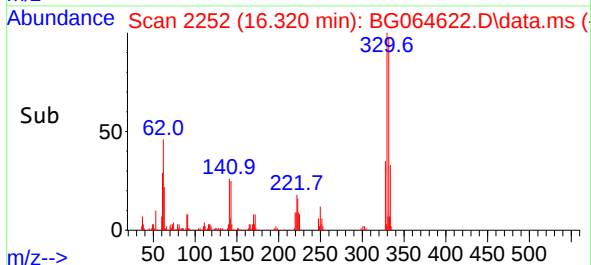
Tgt Ion:237 Resp: 193126  
Ion Ratio Lower Upper  
237 100  
235 63.6 44.1 84.1  
272 12.1 0.0 32.4

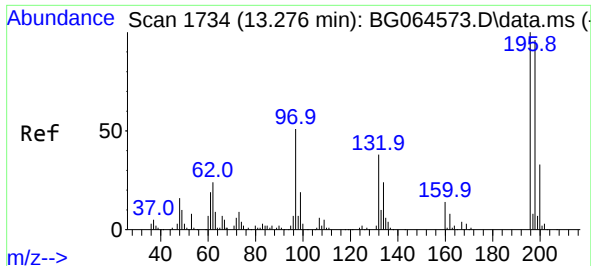


#42  
2,4,6-Tribromophenol  
Concen: 144.224 ng  
RT: 16.320 min Scan# 2252  
Delta R.T. -0.003 min  
Lab File: BG064622.D  
Acq: 29 Oct 2025 14:06



Tgt Ion:330 Resp: 213604  
Ion Ratio Lower Upper  
330 100  
332 97.7 78.0 117.0  
141 27.7 21.8 32.6

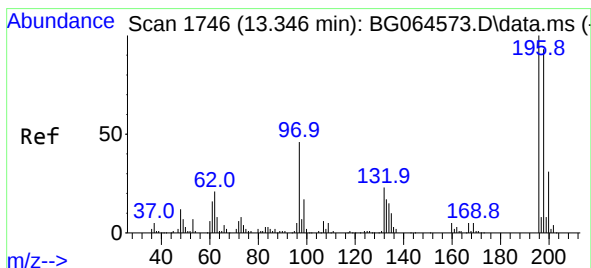
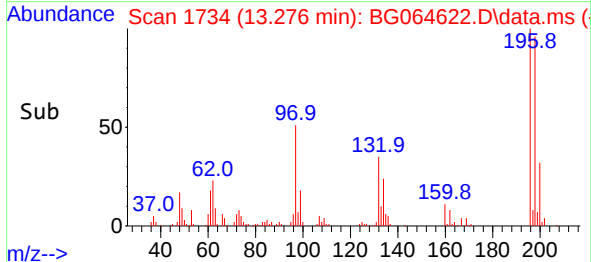
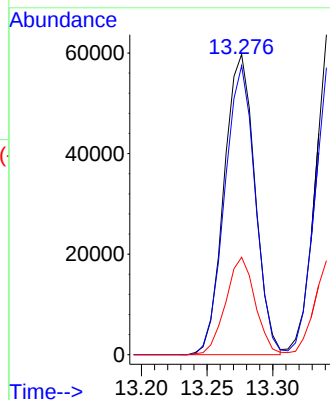
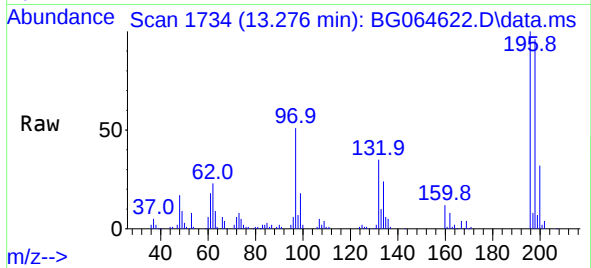




#43  
2,4,6-Trichlorophenol  
Concen: 49.656 ng  
RT: 13.276 min Scan# 1734  
Delta R.T. -0.003 min  
Lab File: BG064622.D  
Acq: 29 Oct 2025 14:06

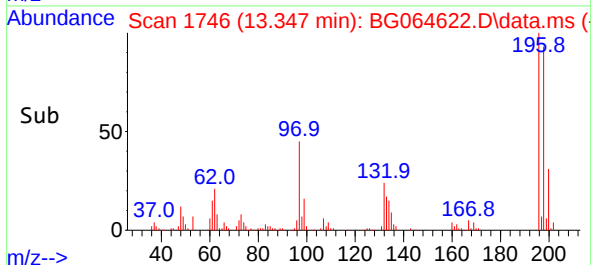
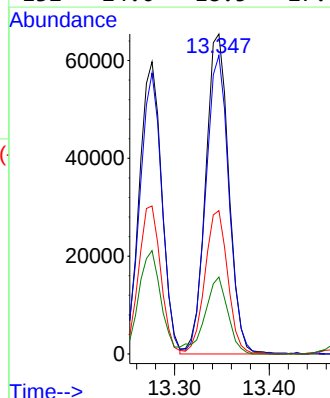
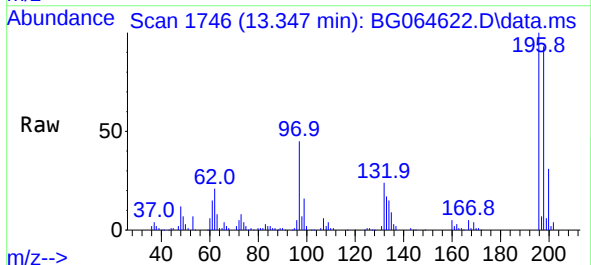
Instrument :  
BNA\_G  
ClientSampleId :  
PB170215BS

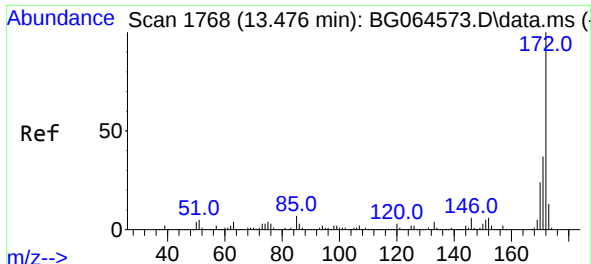
Tgt Ion:196 Resp: 97819  
Ion Ratio Lower Upper  
196 100  
198 96.2 76.6 115.0  
200 32.5 26.0 39.0



#44  
2,4,5-Trichlorophenol  
Concen: 48.976 ng  
RT: 13.347 min Scan# 1746  
Delta R.T. -0.003 min  
Lab File: BG064622.D  
Acq: 29 Oct 2025 14:06

Tgt Ion:196 Resp: 111336  
Ion Ratio Lower Upper  
196 100  
198 93.3 74.2 111.4  
97 44.8 37.0 55.6  
132 24.0 18.5 27.7

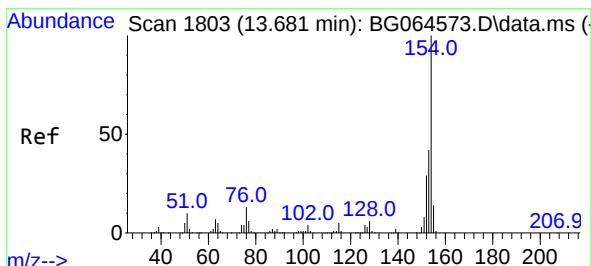
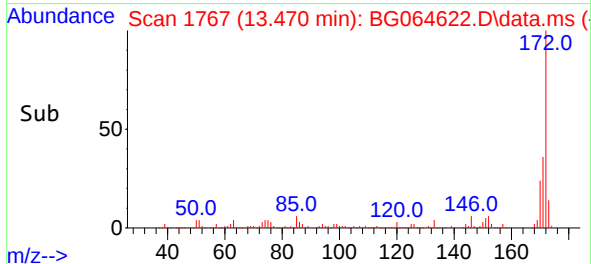
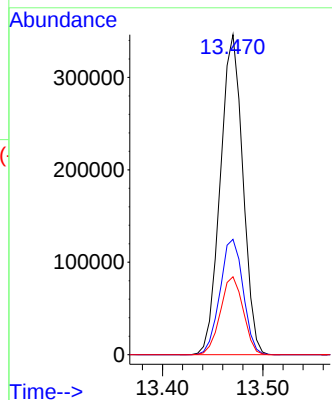
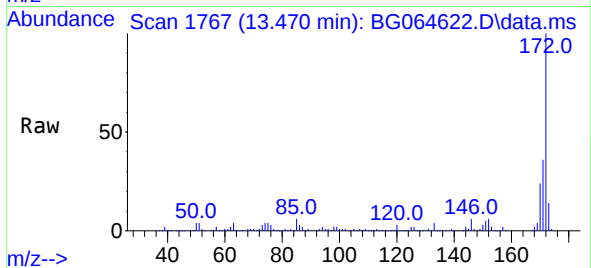




#45  
2-Fluorobiphenyl  
Concen: 79.642 ng  
RT: 13.470 min Scan# 1768  
Delta R.T. -0.009 min  
Lab File: BG064622.D  
Acq: 29 Oct 2025 14:06

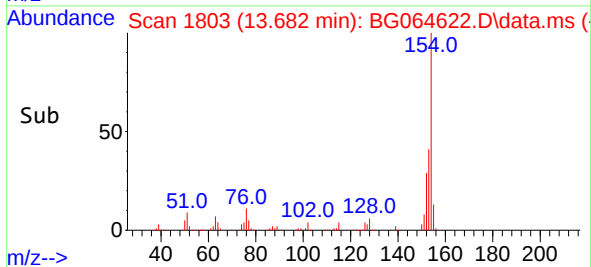
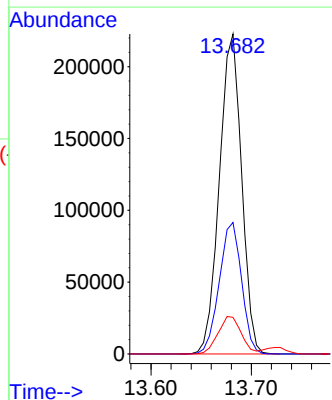
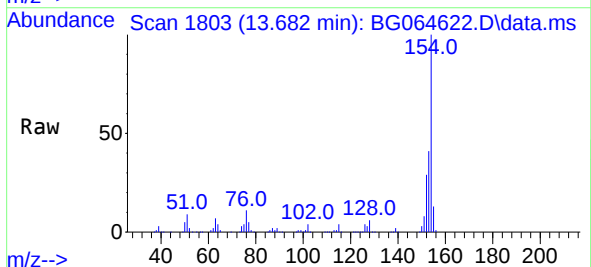
Instrument :  
BNA\_G  
ClientSampleId :  
PB170215BS

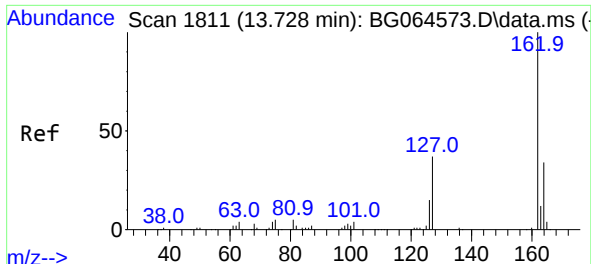
Tgt Ion:172 Resp: 539175  
Ion Ratio Lower Upper  
172 100  
171 36.1 29.4 44.0  
170 24.4 19.1 28.7



#46  
1,1'-Biphenyl  
Concen: 46.801 ng  
RT: 13.682 min Scan# 1803  
Delta R.T. -0.003 min  
Lab File: BG064622.D  
Acq: 29 Oct 2025 14:06

Tgt Ion:154 Resp: 341429  
Ion Ratio Lower Upper  
154 100  
153 41.1 22.4 62.4  
76 11.4 0.0 33.5

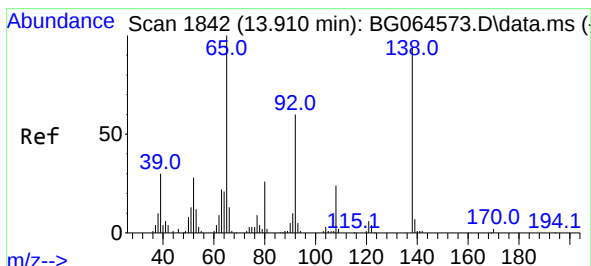
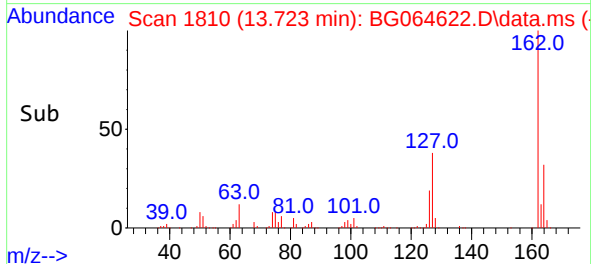
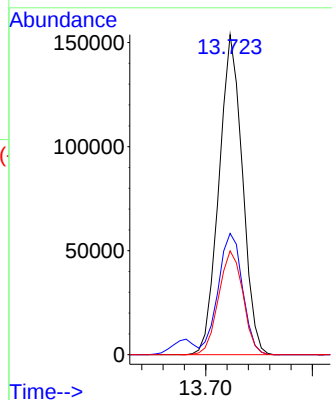
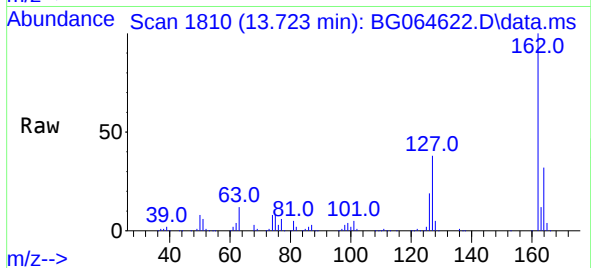




#47  
2-Chloronaphthalene  
Concen: 42.637 ng  
RT: 13.723 min Scan# 1810  
Delta R.T. -0.009 min  
Lab File: BG064622.D  
Acq: 29 Oct 2025 14:06

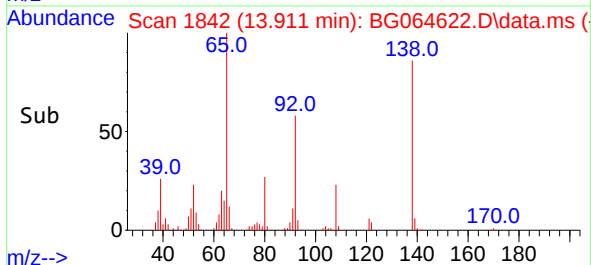
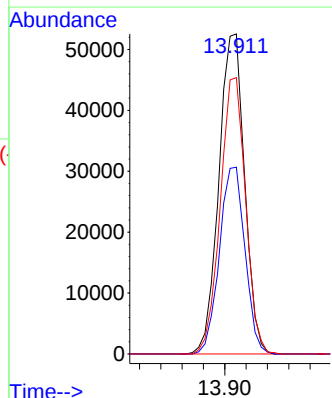
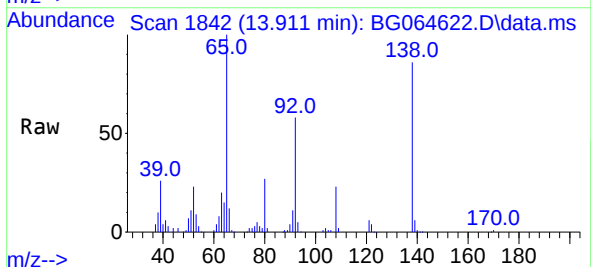
Instrument :  
BNA\_G  
ClientSampleId :  
PB170215BS

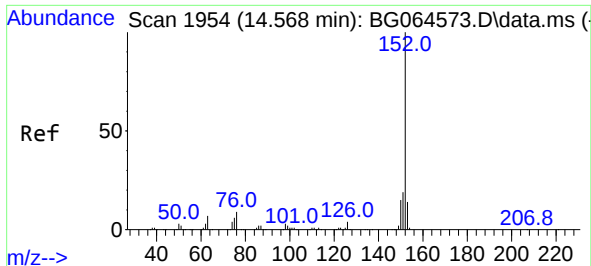
Tgt Ion:162 Resp: 234788  
Ion Ratio Lower Upper  
162 100  
127 37.9 32.2 48.2  
164 32.4 27.5 41.3



#48  
2-Nitroaniline  
Concen: 47.555 ng  
RT: 13.911 min Scan# 1842  
Delta R.T. -0.003 min  
Lab File: BG064622.D  
Acq: 29 Oct 2025 14:06

Tgt Ion: 65 Resp: 87853  
Ion Ratio Lower Upper  
65 100  
92 58.4 48.3 72.5  
138 86.3 74.9 112.3

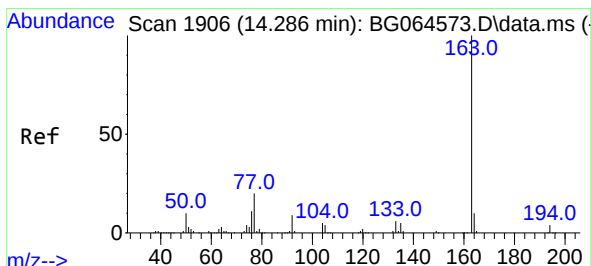
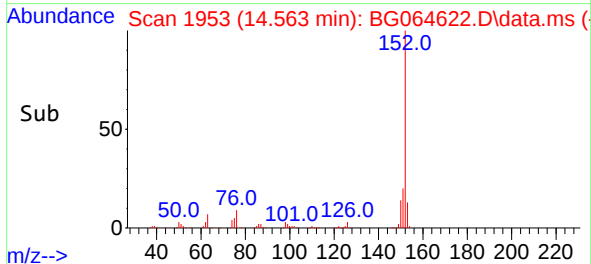
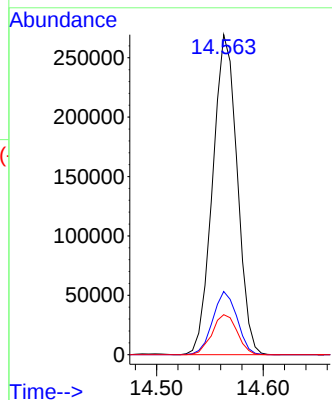
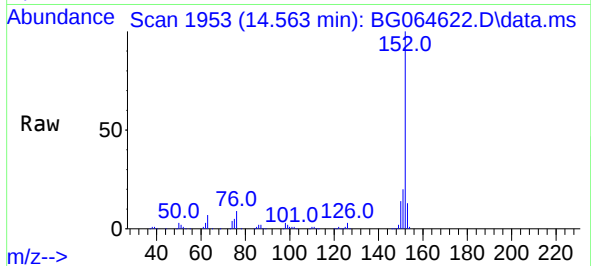




#49  
Acenaphthylene  
Concen: 49.562 ng  
RT: 14.563 min Scan# 1953  
Delta R.T. -0.003 min  
Lab File: BG064622.D  
Acq: 29 Oct 2025 14:06

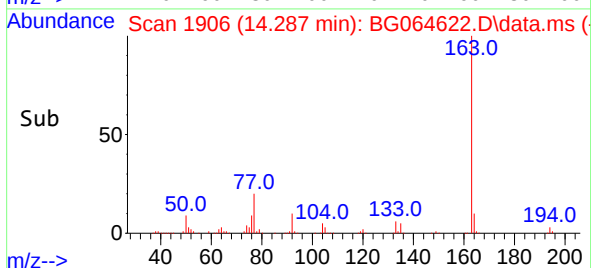
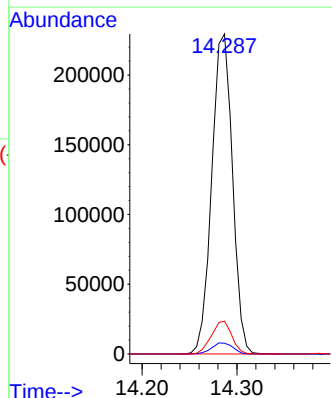
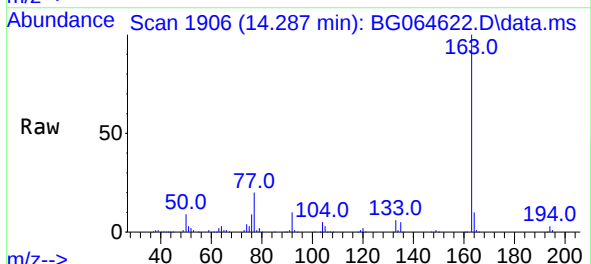
Instrument :  
BNA\_G  
ClientSampleId :  
PB170215BS

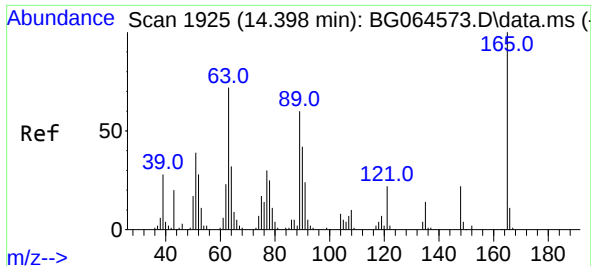
Tgt Ion:152 Resp: 430487  
Ion Ratio Lower Upper  
152 100  
151 19.7 15.4 23.2  
153 12.5 11.0 16.4



#50  
Dimethylphthalate  
Concen: 44.275 ng  
RT: 14.287 min Scan# 1906  
Delta R.T. -0.003 min  
Lab File: BG064622.D  
Acq: 29 Oct 2025 14:06

Tgt Ion:163 Resp: 347656  
Ion Ratio Lower Upper  
163 100  
194 3.4 2.8 4.2  
164 10.2 7.7 11.5

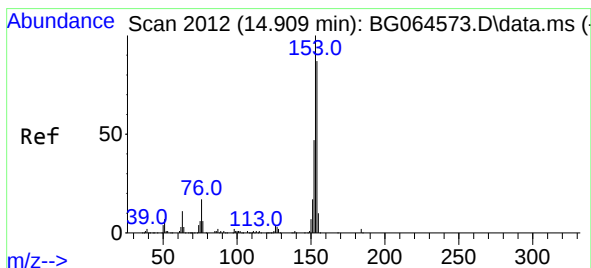
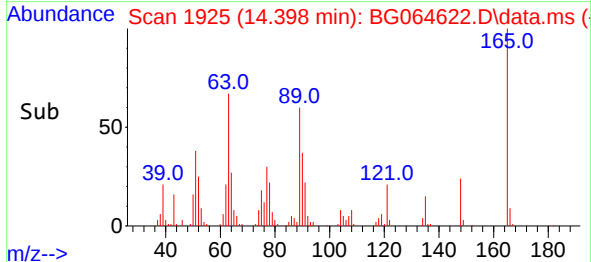
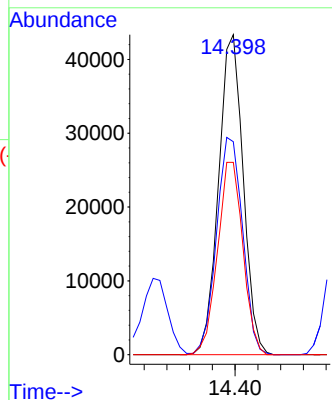
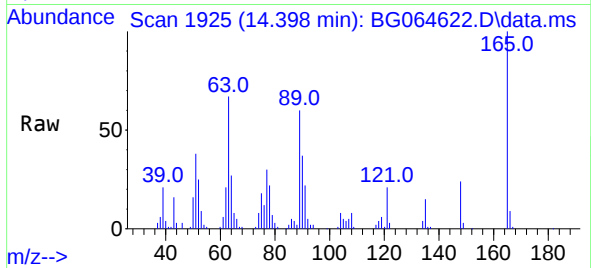




#51  
2,6-Dinitrotoluene  
Concen: 50.188 ng  
RT: 14.398 min Scan# 1925  
Delta R.T. -0.004 min  
Lab File: BG064622.D  
Acq: 29 Oct 2025 14:06

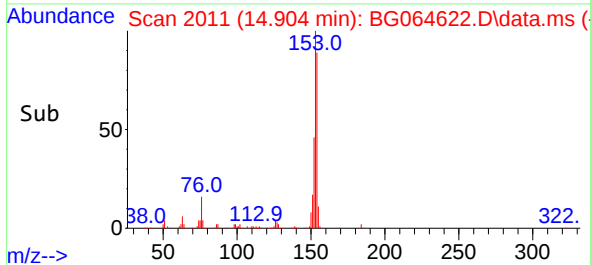
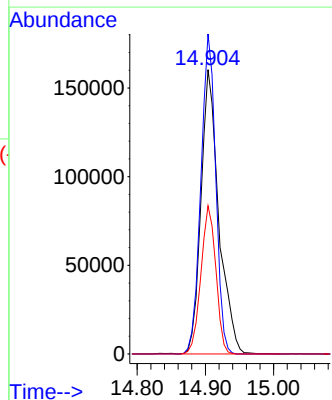
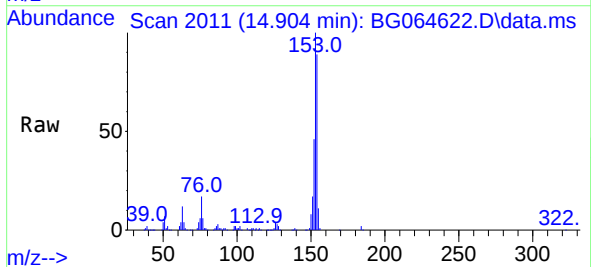
Instrument :  
BNA\_G  
ClientSampleId :  
PB170215BS

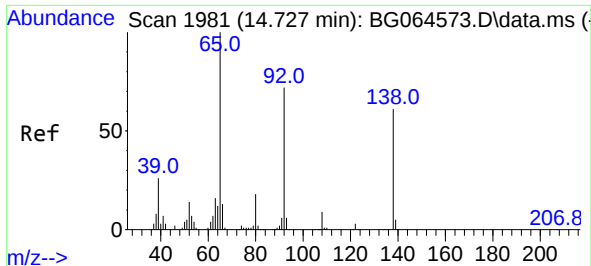
Tgt Ion:165 Resp: 65227  
Ion Ratio Lower Upper  
165 100  
63 66.6 57.4 86.0  
89 60.1 47.8 71.8



#52  
Acenaphthene  
Concen: 49.021 ng  
RT: 14.904 min Scan# 2011  
Delta R.T. -0.009 min  
Lab File: BG064622.D  
Acq: 29 Oct 2025 14:06

Tgt Ion:154 Resp: 290908  
Ion Ratio Lower Upper  
154 100  
153 112.6 92.2 138.4  
152 52.1 43.2 64.8

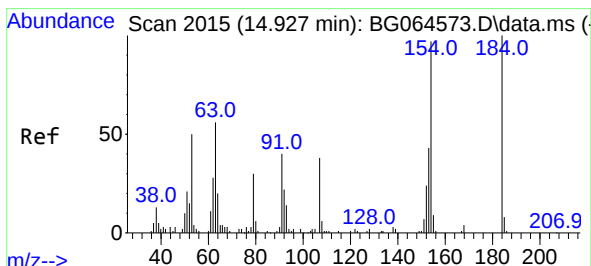
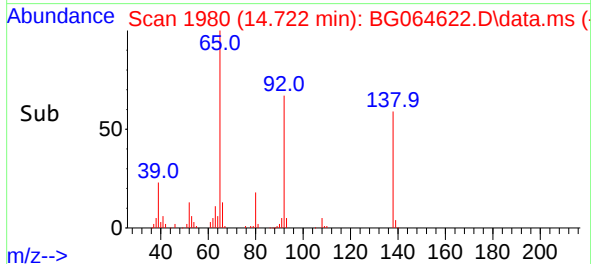
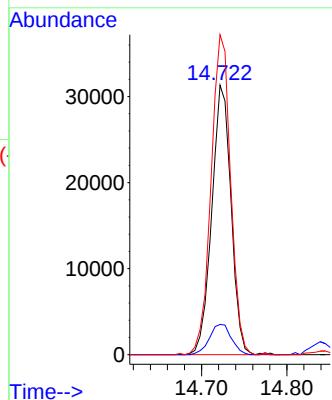
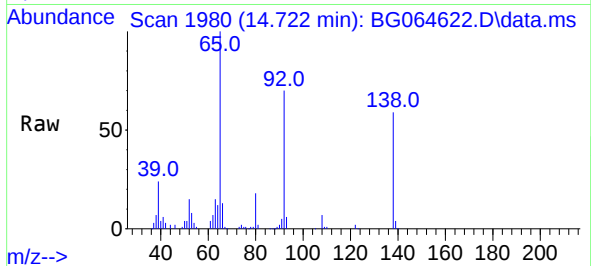




#53  
3-Nitroaniline  
Concen: 36.402 ng  
RT: 14.722 min Scan# 1981  
Delta R.T. -0.009 min  
Lab File: BG064622.D  
Acq: 29 Oct 2025 14:06

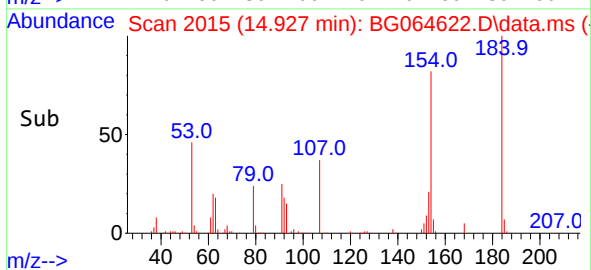
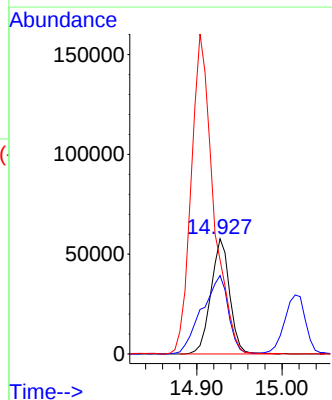
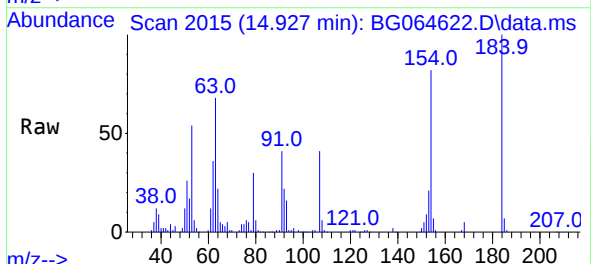
Instrument :  
BNA\_G  
ClientSampleId :  
PB170215BS

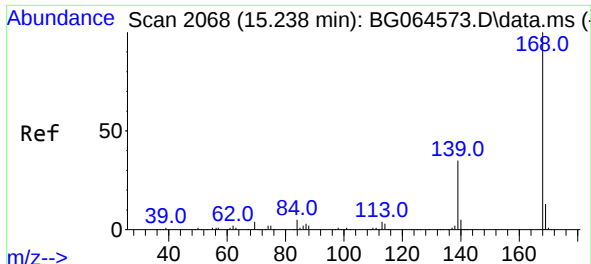
Tgt Ion:138 Resp: 49122  
Ion Ratio Lower Upper  
138 100  
108 11.2 11.4 17.0#  
92 118.7 95.3 142.9



#54  
2,4-Dinitrophenol  
Concen: 108.602 ng  
RT: 14.927 min Scan# 2015  
Delta R.T. -0.003 min  
Lab File: BG064622.D  
Acq: 29 Oct 2025 14:06

Tgt Ion:184 Resp: 88044  
Ion Ratio Lower Upper  
184 100  
63 68.2 56.6 85.0  
154 81.9 158.6 238.0#

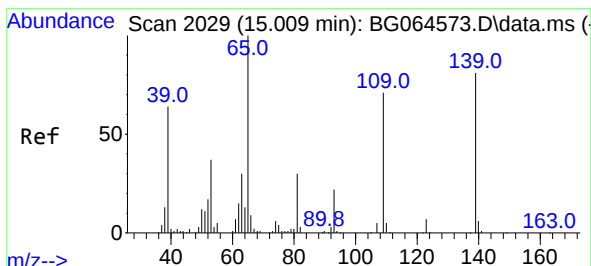
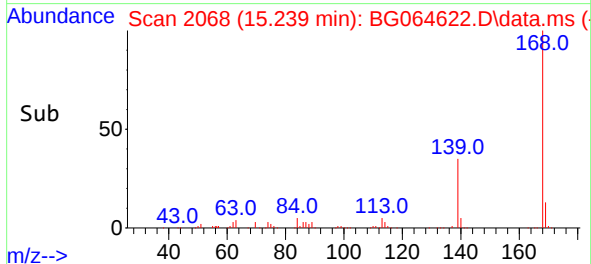
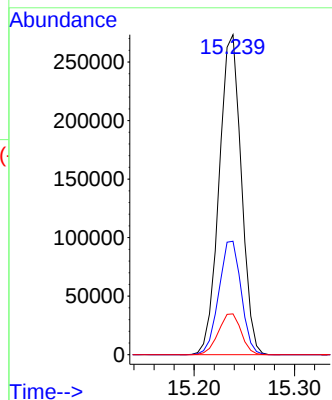
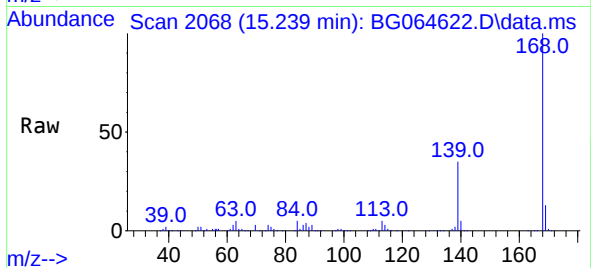




#55  
Dibenzofuran  
Concen: 43.618 ng  
RT: 15.239 min Scan# 2068  
Delta R.T. -0.003 min  
Lab File: BG064622.D  
Acq: 29 Oct 2025 14:06

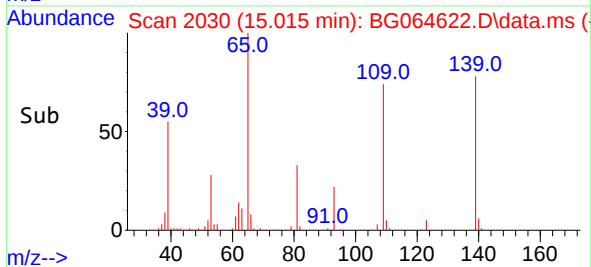
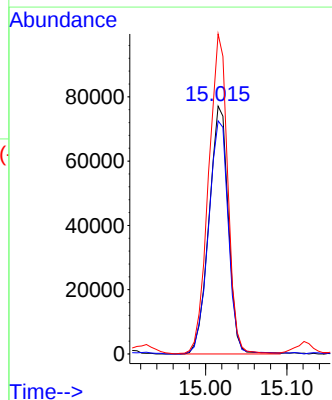
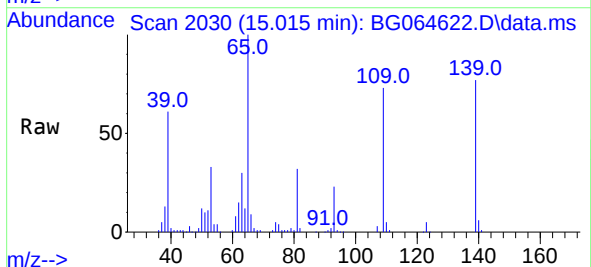
Instrument :  
BNA\_G  
ClientSampleId :  
PB170215BS

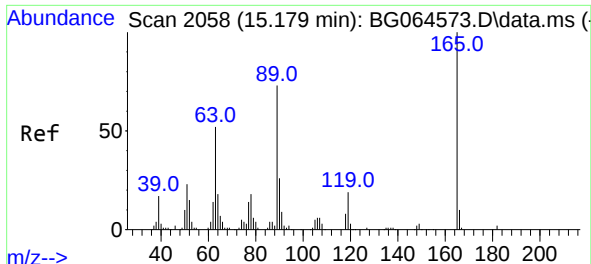
Tgt Ion:168 Resp: 418469  
Ion Ratio Lower Upper  
168 100  
139 35.5 27.8 41.8  
169 12.8 10.3 15.5



#56  
4-Nitrophenol  
Concen: 102.115 ng  
RT: 15.015 min Scan# 2030  
Delta R.T. -0.003 min  
Lab File: BG064622.D  
Acq: 29 Oct 2025 14:06

Tgt Ion:139 Resp: 127758  
Ion Ratio Lower Upper  
139 100  
109 94.1 67.8 107.8  
65 129.1 103.7 143.7

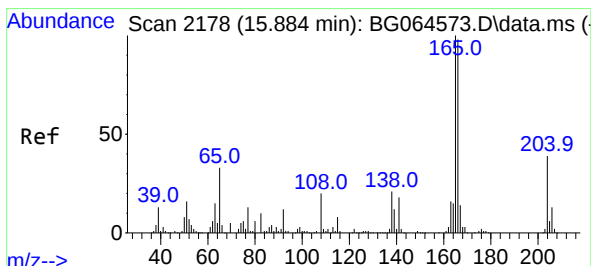
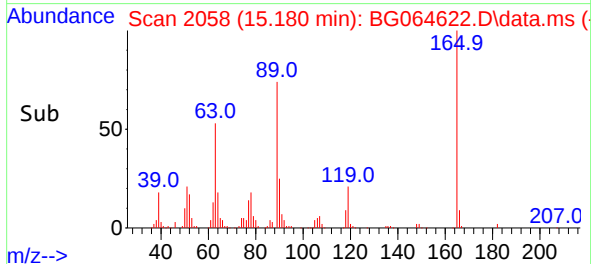
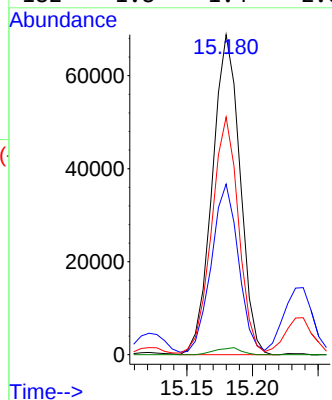
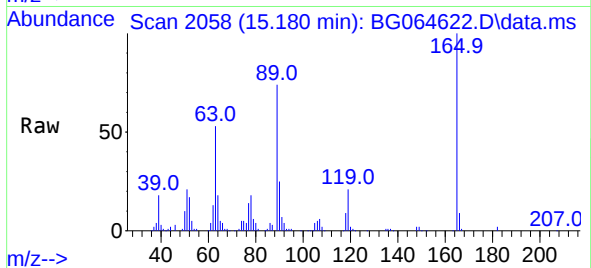




#57  
2,4-Dinitrotoluene  
Concen: 50.198 ng  
RT: 15.180 min Scan# 2058  
Delta R.T. -0.009 min  
Lab File: BG064622.D  
Acq: 29 Oct 2025 14:06

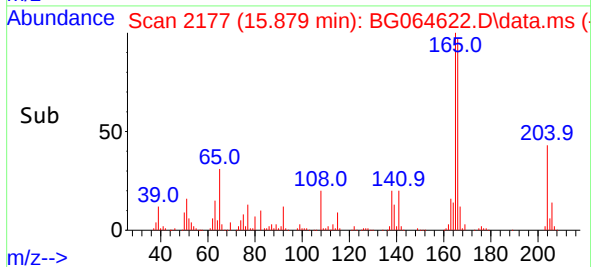
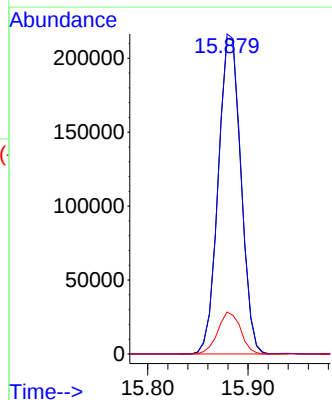
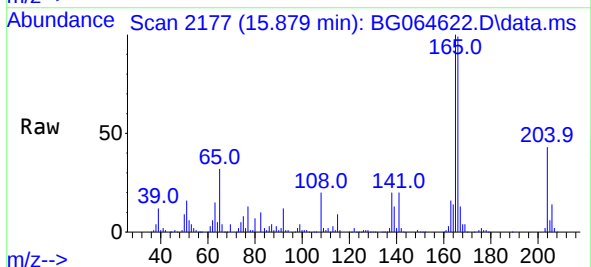
Instrument :  
BNA\_G  
ClientSampleId :  
PB170215BS

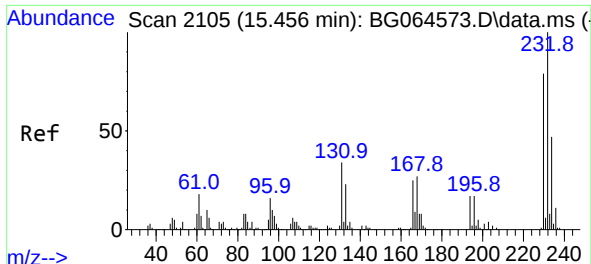
Tgt Ion:165 Resp: 100857  
Ion Ratio Lower Upper  
165 100  
63 53.3 41.8 62.8  
89 74.2 58.1 87.1  
182 1.8 1.4 2.0



#58  
Fluorene  
Concen: 44.792 ng  
RT: 15.879 min Scan# 2177  
Delta R.T. -0.009 min  
Lab File: BG064622.D  
Acq: 29 Oct 2025 14:06

Tgt Ion:166 Resp: 335610  
Ion Ratio Lower Upper  
166 100  
165 101.3 81.5 122.3  
167 13.3 11.4 17.0



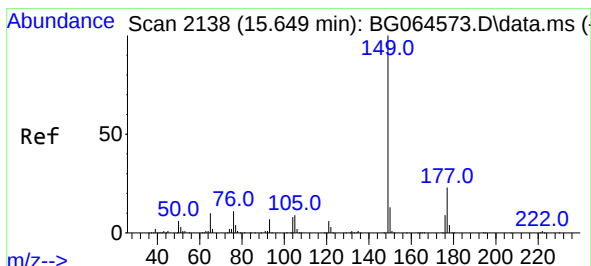
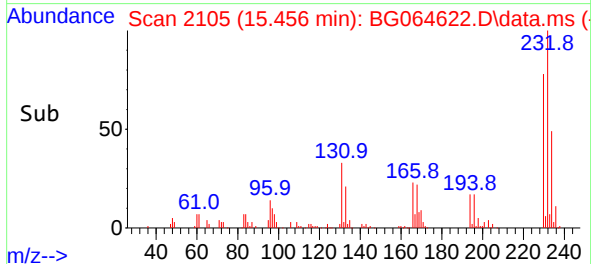
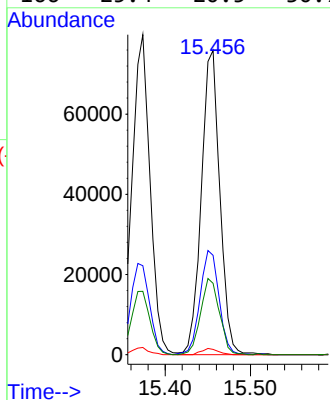
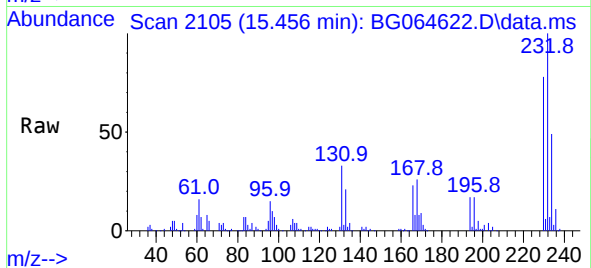


#59  
2,3,4,6-Tetrachlorophenol  
Concen: 52.720 ng  
RT: 15.456 min Scan# 2105  
Delta R.T. -0.003 min  
Lab File: BG064622.D  
Acq: 29 Oct 2025 14:06

Instrument :  
BNA\_G  
ClientSampleId :  
PB170215BS

Tgt Ion:232 Resp: 114603

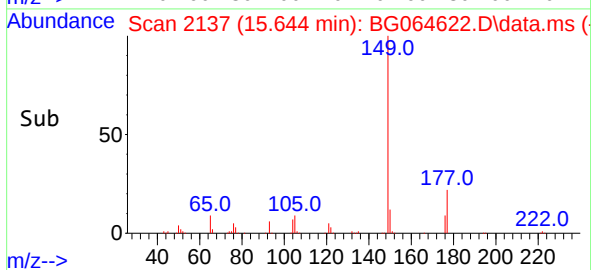
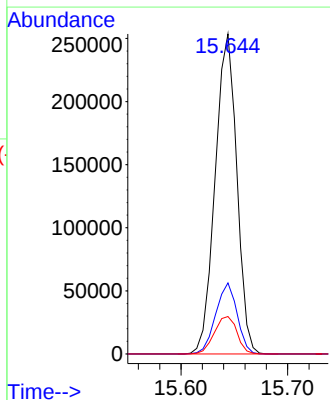
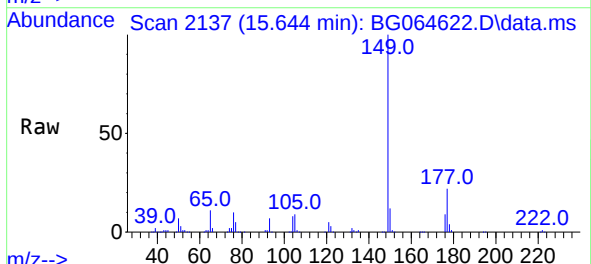
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 232 | 100   |       |       |
| 131 | 35.2  | 26.7  | 40.1  |
| 130 | 1.8   | 1.6   | 2.4   |
| 166 | 25.4  | 20.5  | 30.7  |

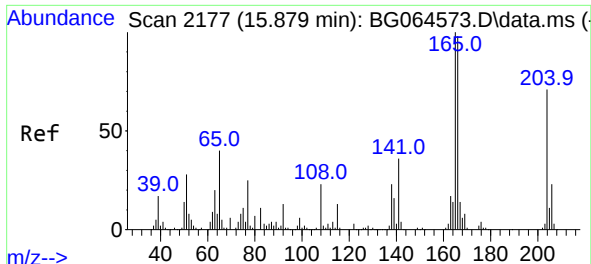


#60  
Diethylphthalate  
Concen: 44.576 ng  
RT: 15.644 min Scan# 2137  
Delta R.T. -0.009 min  
Lab File: BG064622.D  
Acq: 29 Oct 2025 14:06

Tgt Ion:149 Resp: 357386

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 149 | 100   |       |       |
| 177 | 22.2  | 18.0  | 27.0  |
| 150 | 11.7  | 10.2  | 15.4  |

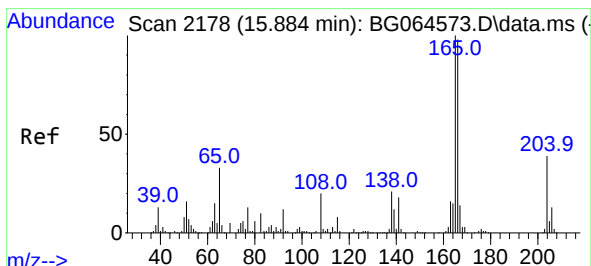
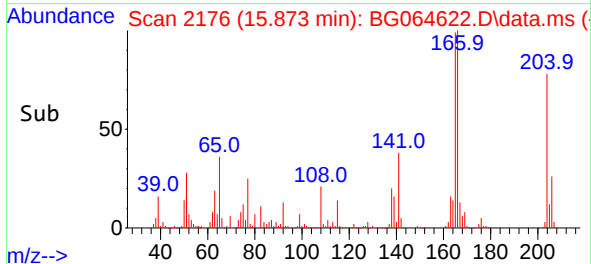
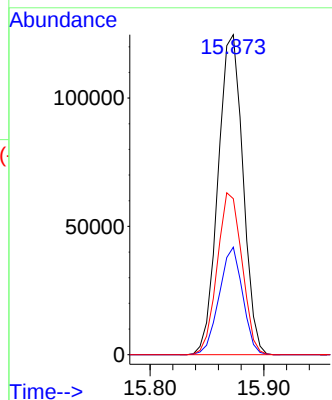
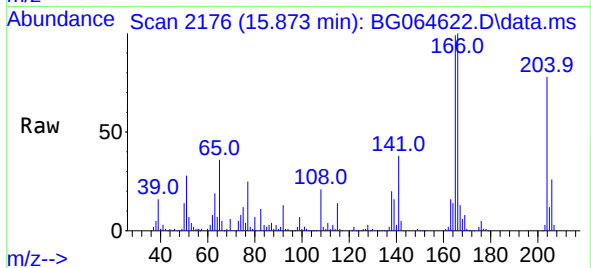




#61  
4-Chlorophenyl-phenylether  
Concen: 45.190 ng  
RT: 15.873 min Scan# 2177  
Delta R.T. -0.003 min  
Lab File: BG064622.D  
Acq: 29 Oct 2025 14:06

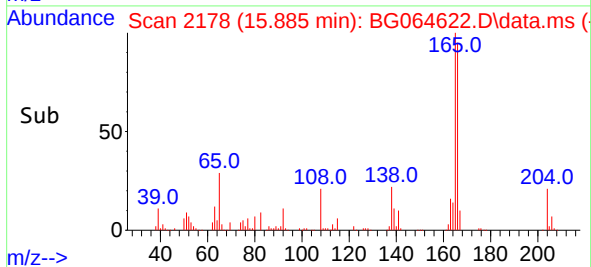
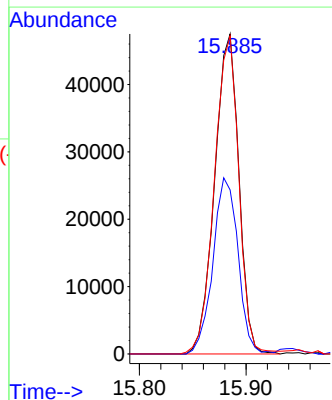
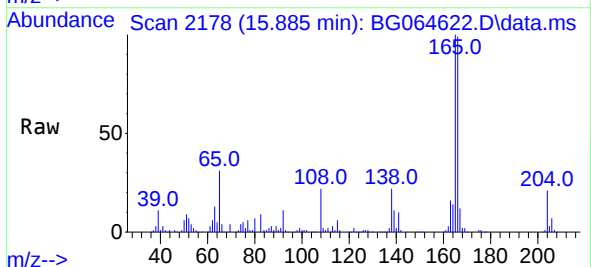
Instrument :  
BNA\_G  
ClientSampleId :  
PB170215BS

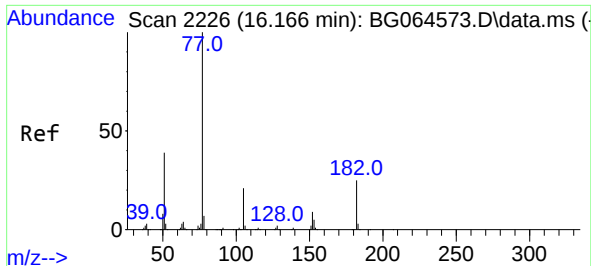
Tgt Ion:204 Resp: 190016  
Ion Ratio Lower Upper  
204 100  
206 33.6 25.6 38.4  
141 48.8 40.6 60.8



#62  
4-Nitroaniline  
Concen: 49.873 ng  
RT: 15.885 min Scan# 2178  
Delta R.T. -0.009 min  
Lab File: BG064622.D  
Acq: 29 Oct 2025 14:06

Tgt Ion:138 Resp: 74872  
Ion Ratio Lower Upper  
138 100  
92 51.2 36.1 76.1  
108 99.4 75.6 115.6

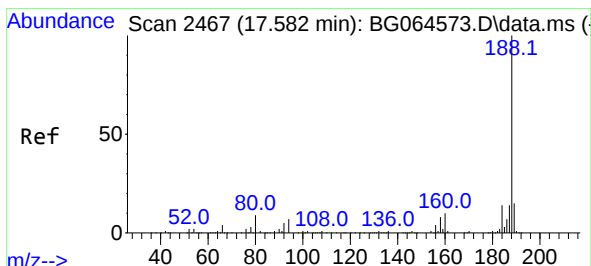
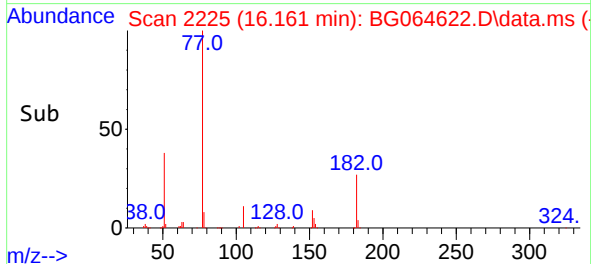
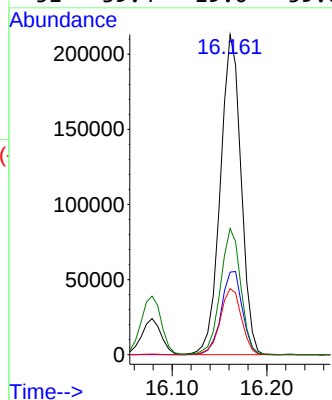
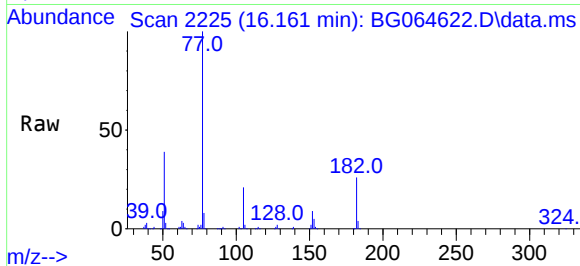




#63  
Azobenzene  
Concen: 44.003 ng  
RT: 16.161 min Scan# 21  
Delta R.T. -0.009 min  
Lab File: BG064622.D  
Acq: 29 Oct 2025 14:06

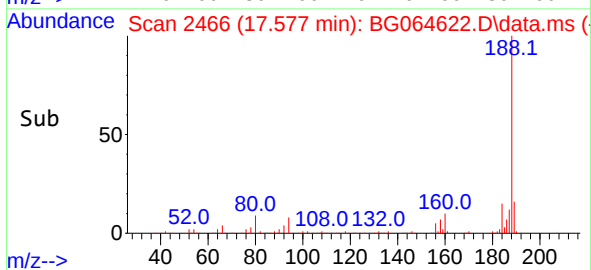
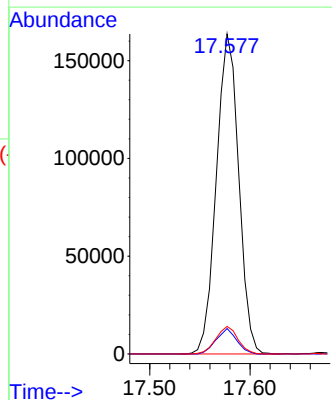
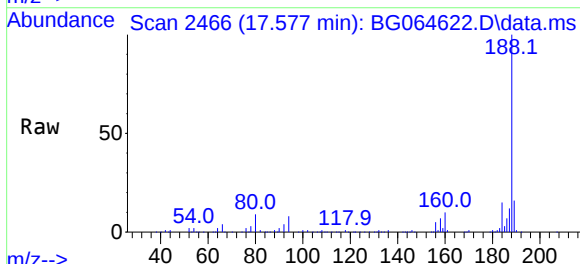
Instrument :  
BNA\_G  
ClientSampleId :  
PB170215BS

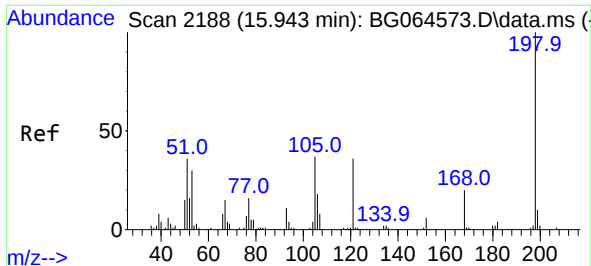
|             |              |
|-------------|--------------|
| Tgt Ion: 77 | Resp: 323701 |
| Ion Ratio   | Lower Upper  |
| 77 100      |              |
| 182 25.8    | 4.9 44.9     |
| 105 20.7    | 1.3 41.3     |
| 51 39.4     | 19.0 59.0    |



#64  
Phenanthrene-d10  
Concen: 20.000 ng  
RT: 17.577 min Scan# 2466  
Delta R.T. -0.003 min  
Lab File: BG064622.D  
Acq: 29 Oct 2025 14:06

|             |              |
|-------------|--------------|
| Tgt Ion:188 | Resp: 252758 |
| Ion Ratio   | Lower Upper  |
| 188 100     |              |
| 94 7.9      | 5.7 8.5      |
| 80 8.6      | 6.8 10.2     |

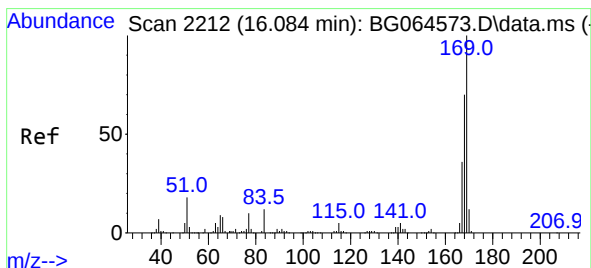
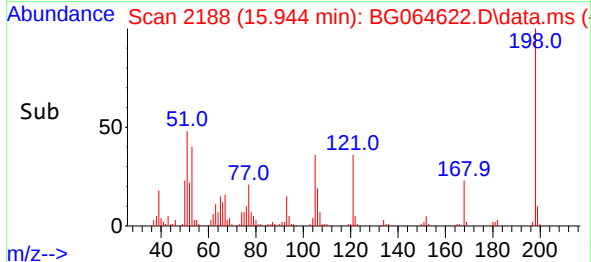
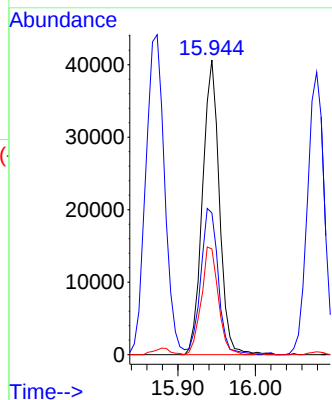
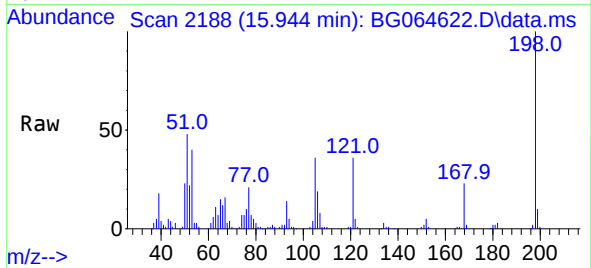




#65  
4,6-Dinitro-2-methylphenol  
Concen: 54.580 ng  
RT: 15.944 min Scan# 2188  
Delta R.T. -0.003 min  
Lab File: BG064622.D  
Acq: 29 Oct 2025 14:06

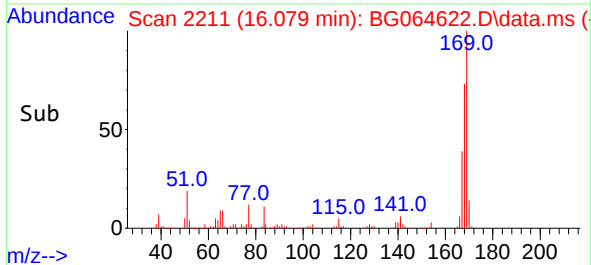
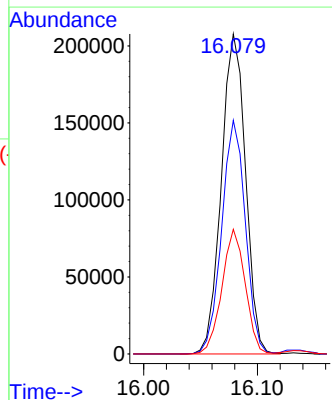
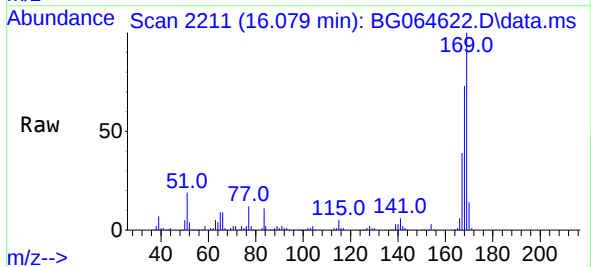
Instrument :  
BNA\_G  
ClientSampleId :  
PB170215BS

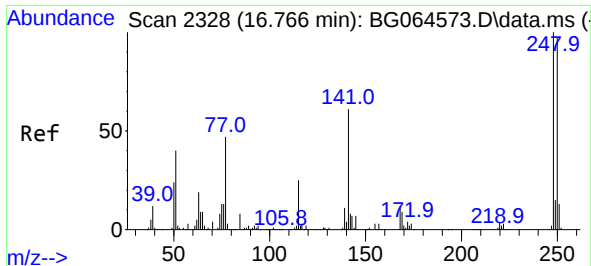
Tgt Ion:198 Resp: 61637  
Ion Ratio Lower Upper  
198 100  
51 48.1 24.7 64.7  
105 35.9 18.0 58.0



#66  
n-Nitrosodiphenylamine  
Concen: 45.018 ng  
RT: 16.079 min Scan# 2211  
Delta R.T. -0.009 min  
Lab File: BG064622.D  
Acq: 29 Oct 2025 14:06

Tgt Ion:169 Resp: 307367  
Ion Ratio Lower Upper  
169 100  
168 73.0 56.3 84.5  
167 39.0 29.0 43.6

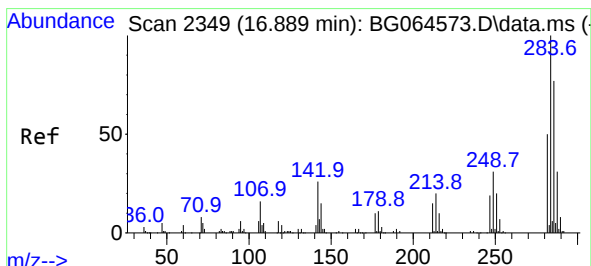
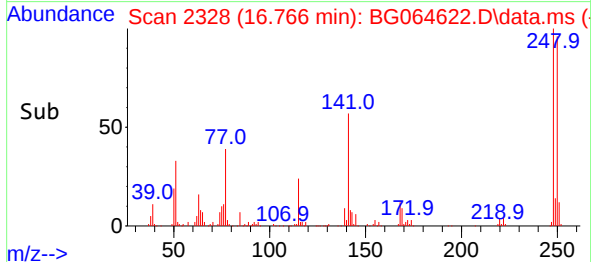
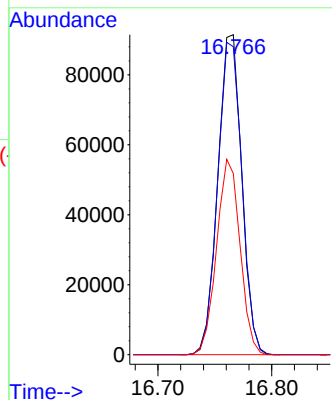
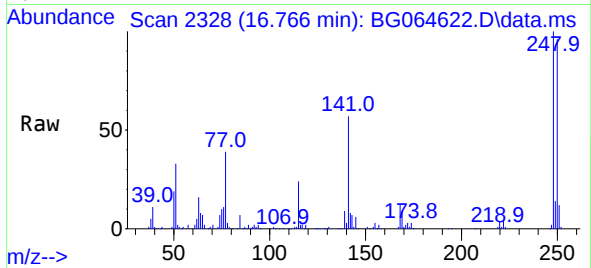




#67  
4-Bromophenyl-phenylether  
Concen: 44.682 ng  
RT: 16.766 min Scan# 21  
Delta R.T. -0.003 min  
Lab File: BG064622.D  
Acq: 29 Oct 2025 14:06

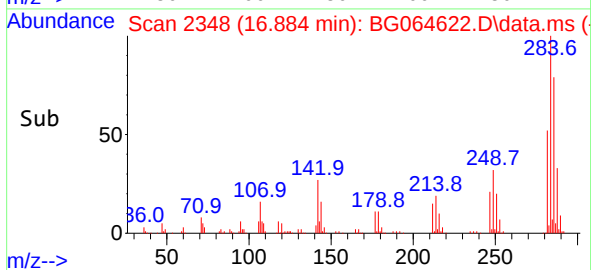
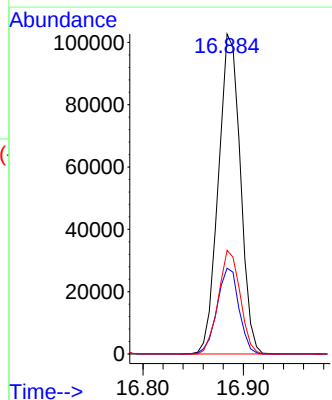
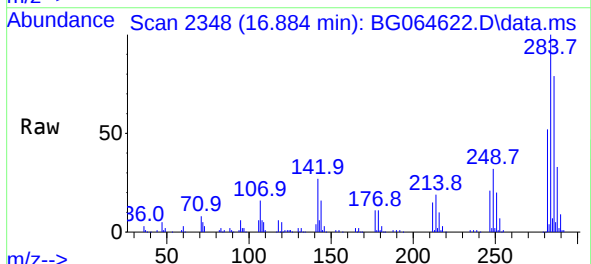
Instrument :  
BNA\_G  
ClientSampleId :  
PB170215BS

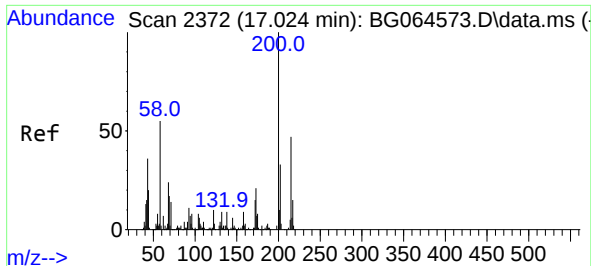
Tgt Ion:248 Resp: 133834  
Ion Ratio Lower Upper  
248 100  
250 96.3 77.7 116.5  
141 56.6 48.6 72.8



#68  
Hexachlorobenzene  
Concen: 45.618 ng  
RT: 16.884 min Scan# 2348  
Delta R.T. -0.009 min  
Lab File: BG064622.D  
Acq: 29 Oct 2025 14:06

Tgt Ion:284 Resp: 155883  
Ion Ratio Lower Upper  
284 100  
142 26.8 21.0 31.6  
249 34.6 24.9 37.3

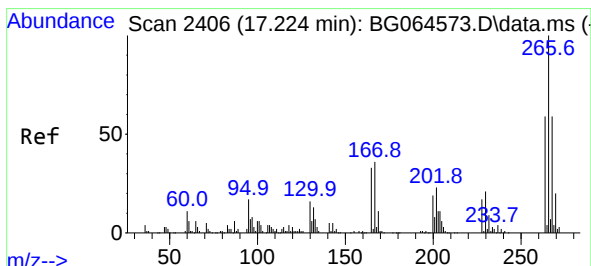
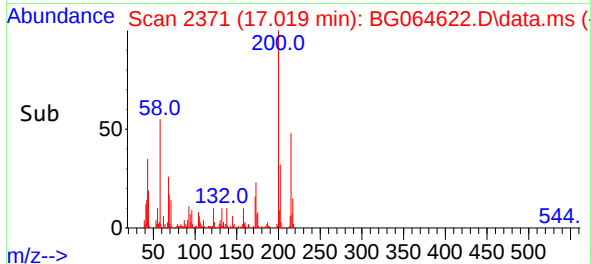
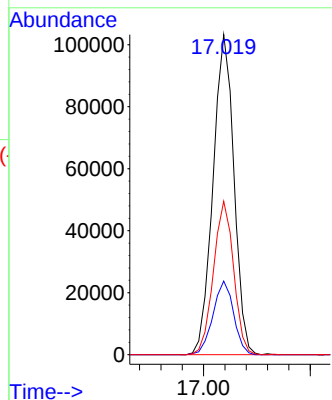
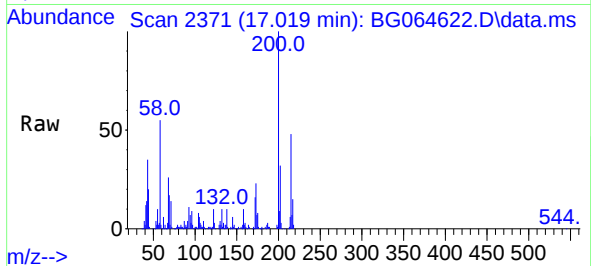




#69  
 Atrazine  
 Concen: 47.830 ng  
 RT: 17.019 min Scan# 21  
 Delta R.T. -0.009 min  
 Lab File: BG064622.D  
 Acq: 29 Oct 2025 14:06

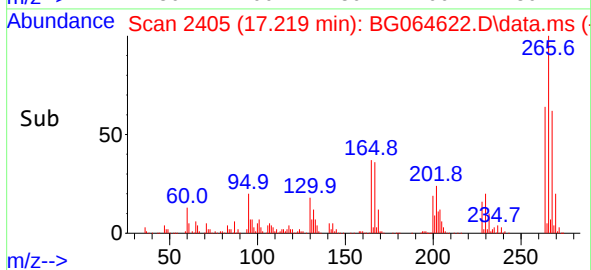
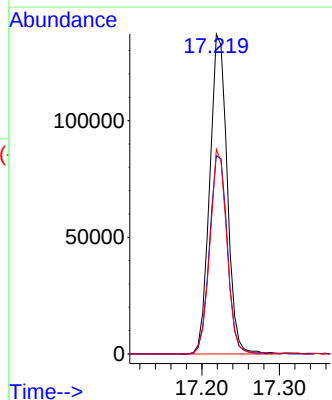
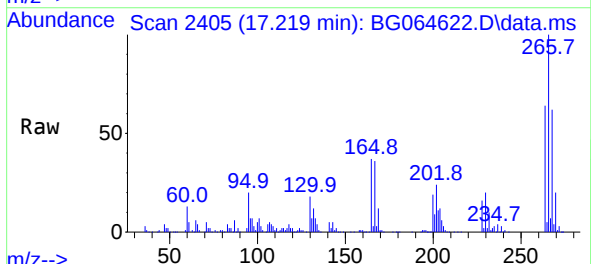
Instrument :  
 BNA\_G  
 ClientSampleId :  
 PB170215BS

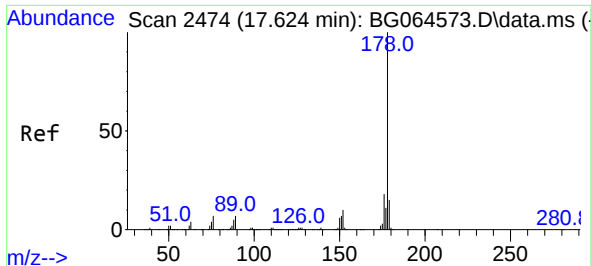
Tgt Ion:200 Resp: 140535  
 Ion Ratio Lower Upper  
 200 100  
 173 23.0 0.9 40.9  
 215 47.9 27.0 67.0



#70  
 Pentachlorophenol  
 Concen: 100.429 ng  
 RT: 17.219 min Scan# 2405  
 Delta R.T. -0.009 min  
 Lab File: BG064622.D  
 Acq: 29 Oct 2025 14:06

Tgt Ion:266 Resp: 214000  
 Ion Ratio Lower Upper  
 266 100  
 268 66.3 50.3 75.5  
 264 63.9 47.3 70.9

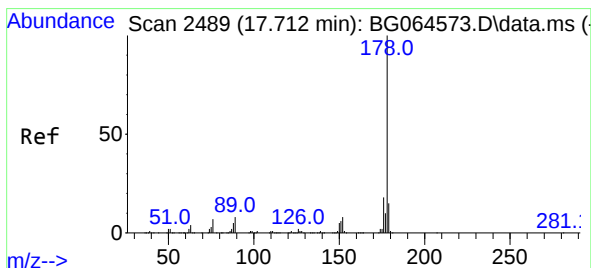
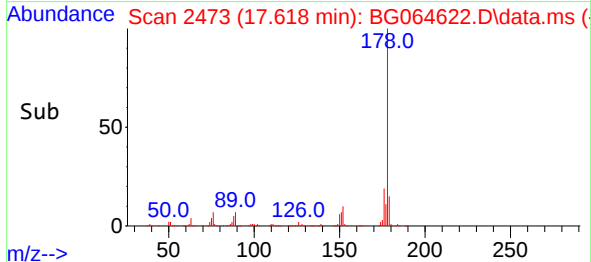
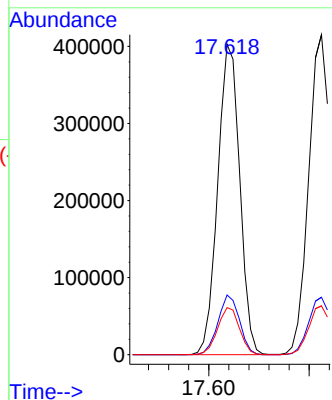
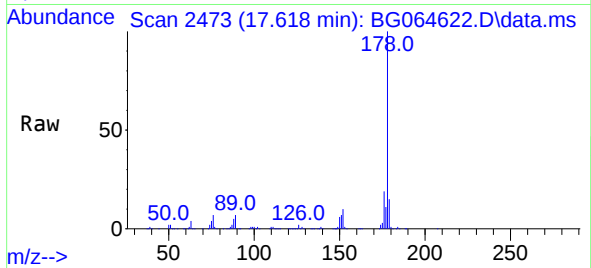




#71  
Phenanthrene  
Concen: 44.297 ng  
RT: 17.618 min Scan# 2473  
Delta R.T. -0.009 min  
Lab File: BG064622.D  
Acq: 29 Oct 2025 14:06

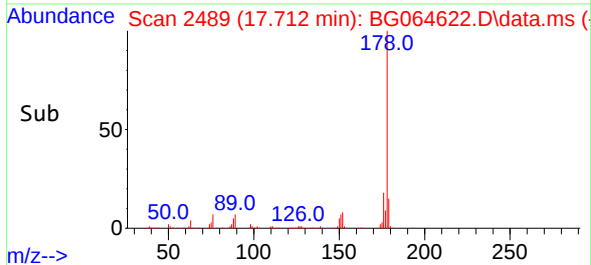
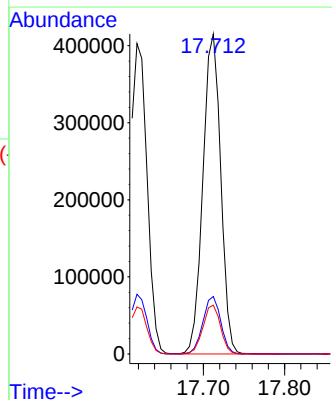
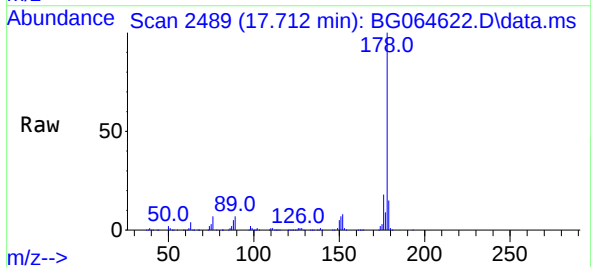
Instrument :  
BNA\_G  
ClientSampleId :  
PB170215BS

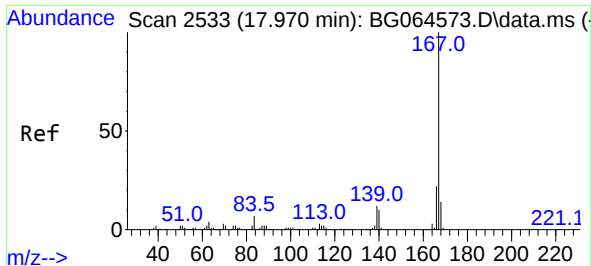
Tgt Ion:178 Resp: 612283  
Ion Ratio Lower Upper  
178 100  
176 19.2 14.7 22.1  
179 15.2 12.2 18.4



#72  
Anthracene  
Concen: 44.900 ng  
RT: 17.712 min Scan# 2489  
Delta R.T. -0.003 min  
Lab File: BG064622.D  
Acq: 29 Oct 2025 14:06

Tgt Ion:178 Resp: 631323  
Ion Ratio Lower Upper  
178 100  
176 18.0 14.4 21.6  
179 15.2 12.4 18.6

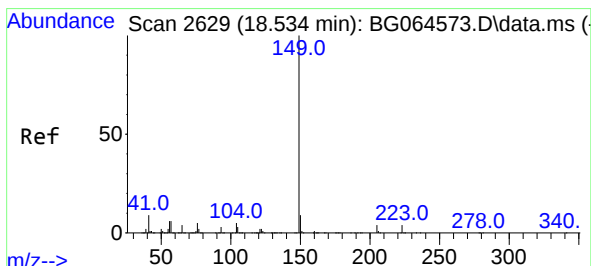
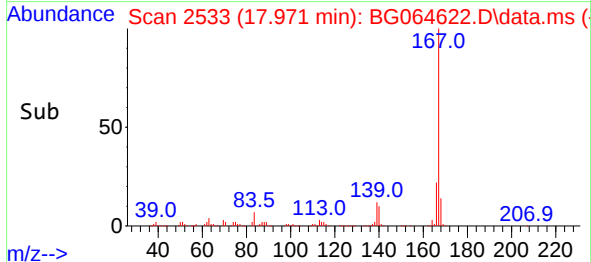
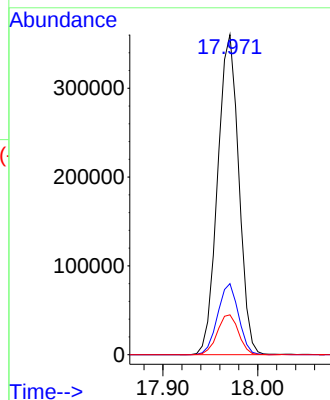
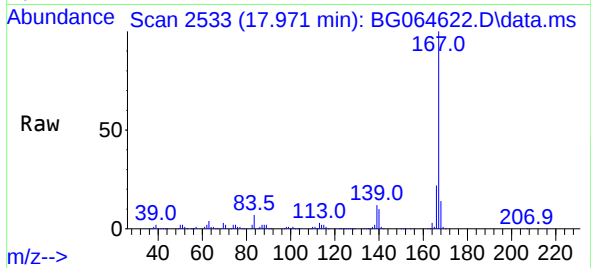




#73  
Carbazole  
Concen: 45.052 ng  
RT: 17.971 min Scan# 21  
Delta R.T. -0.003 min  
Lab File: BG064622.D  
Acq: 29 Oct 2025 14:06

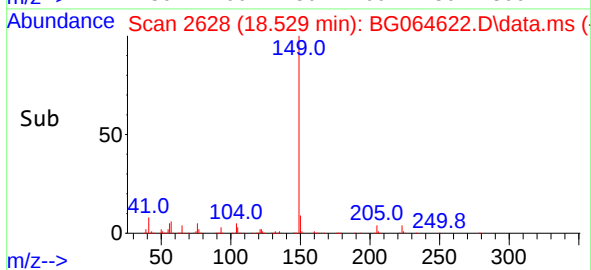
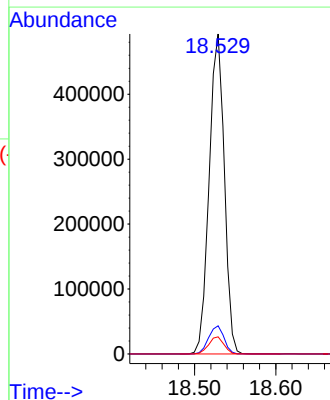
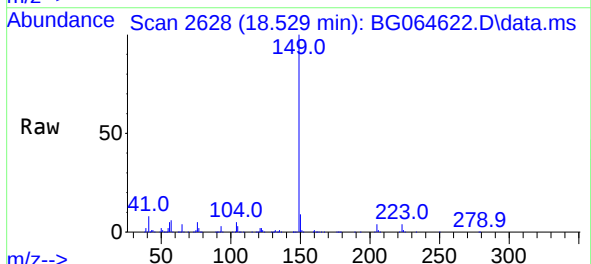
Instrument :  
BNA\_G  
ClientSampleId :  
PB170215BS

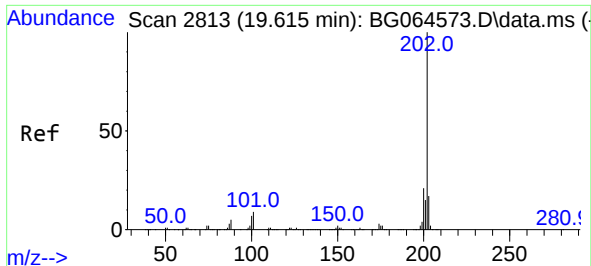
Tgt Ion:167 Resp: 558592  
Ion Ratio Lower Upper  
167 100  
166 22.2 17.9 26.9  
139 12.4 9.7 14.5



#74  
Di-n-butylphthalate  
Concen: 44.400 ng  
RT: 18.529 min Scan# 2628  
Delta R.T. -0.009 min  
Lab File: BG064622.D  
Acq: 29 Oct 2025 14:06

Tgt Ion:149 Resp: 636589  
Ion Ratio Lower Upper  
149 100  
150 8.8 7.0 10.6  
104 5.4 4.1 6.1



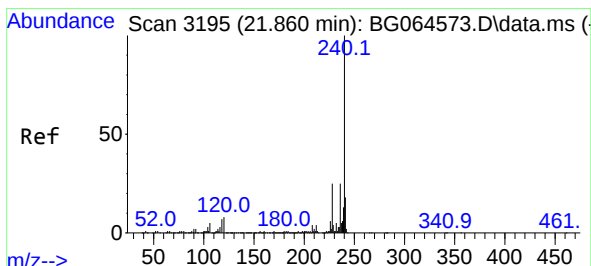
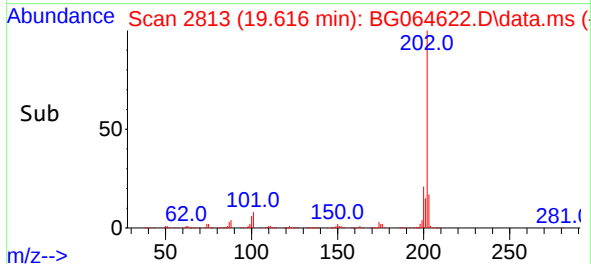
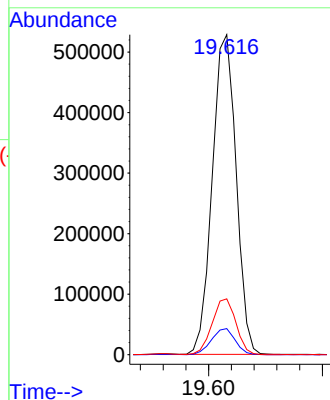
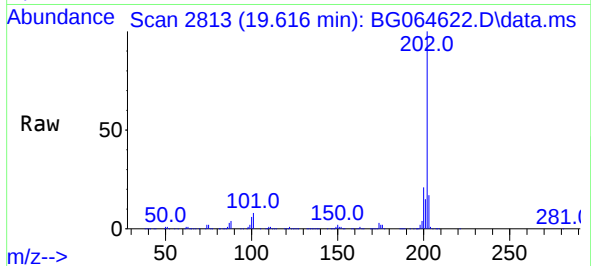


#75  
Fluoranthene  
Concen: 44.393 ng  
RT: 19.616 min Scan# 21  
Delta R.T. -0.003 min  
Lab File: BG064622.D  
Acq: 29 Oct 2025 14:06

Instrument :  
BNA\_G  
ClientSampleId :  
PB170215BS

Tgt Ion:202 Resp: 768700

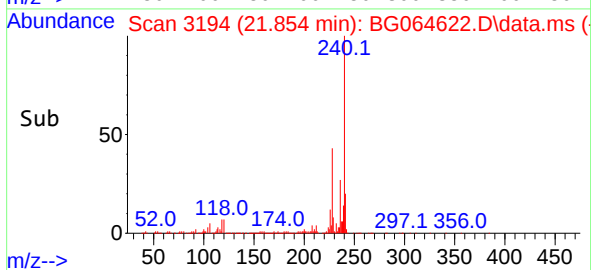
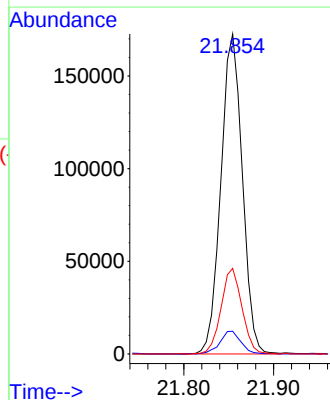
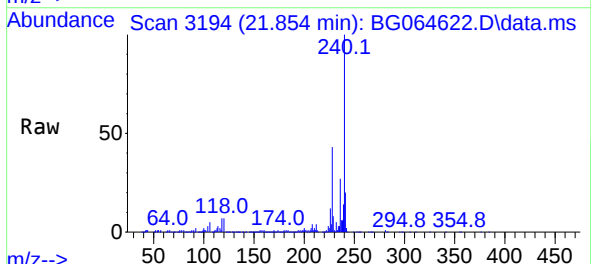
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 202 | 100   |       |       |
| 101 | 8.2   | 0.0   | 28.7  |
| 203 | 17.5  | 0.0   | 37.0  |

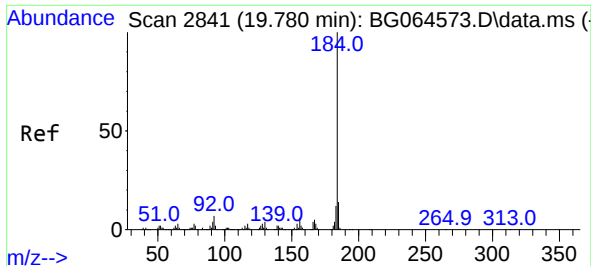


#76  
Chrysene-d12  
Concen: 20.000 ng  
RT: 21.854 min Scan# 3194  
Delta R.T. -0.009 min  
Lab File: BG064622.D  
Acq: 29 Oct 2025 14:06

Tgt Ion:240 Resp: 286271

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 240 | 100   |       |       |
| 120 | 7.1   | 6.5   | 9.7   |
| 236 | 26.8  | 20.2  | 30.2  |

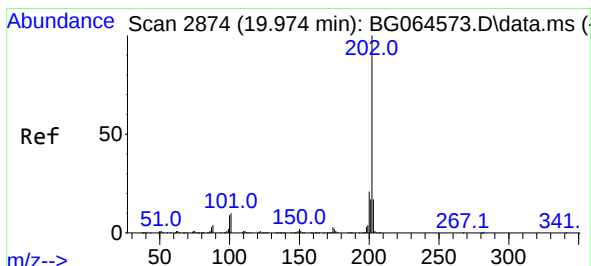
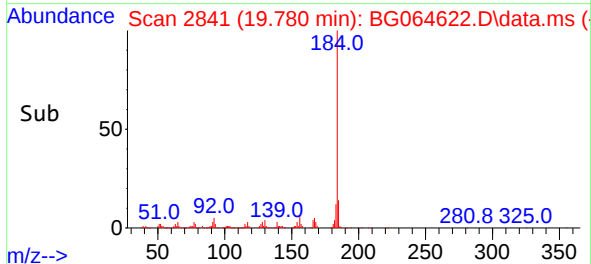
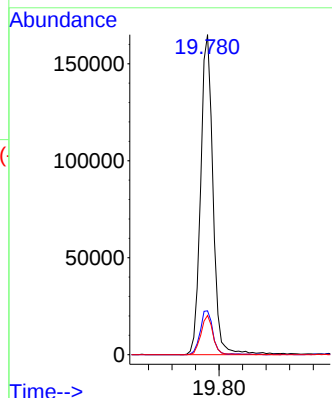
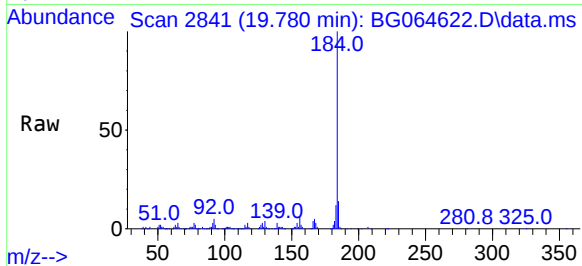




#77  
Benzidine  
Concen: 37.491 ng  
RT: 19.780 min Scan# 2841  
Delta R.T. -0.003 min  
Lab File: BG064622.D  
Acq: 29 Oct 2025 14:06

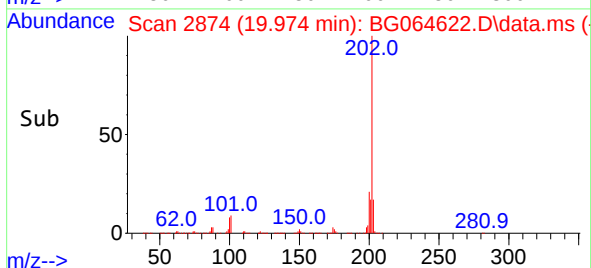
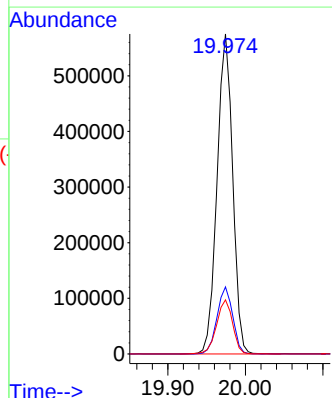
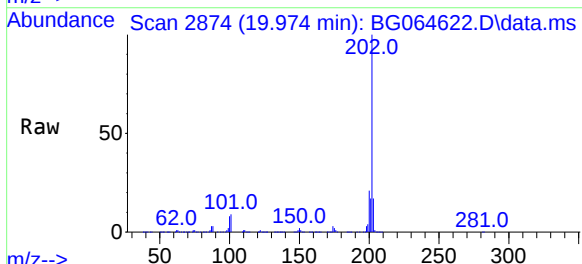
Instrument :  
BNA\_G  
ClientSampleId :  
PB170215BS

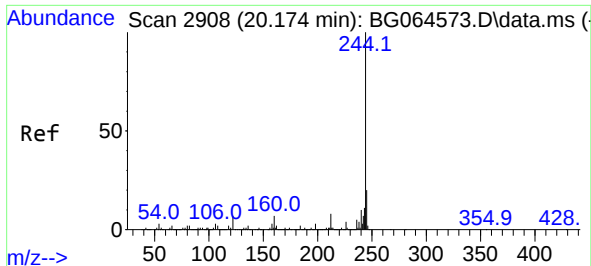
Tgt Ion:184 Resp: 240455  
Ion Ratio Lower Upper  
184 100  
185 13.7 11.4 17.2  
183 12.2 9.4 14.2



#78  
Pyrene  
Concen: 43.035 ng  
RT: 19.974 min Scan# 2874  
Delta R.T. -0.003 min  
Lab File: BG064622.D  
Acq: 29 Oct 2025 14:06

Tgt Ion:202 Resp: 804895  
Ion Ratio Lower Upper  
202 100  
200 21.0 17.0 25.4  
203 16.9 13.8 20.6

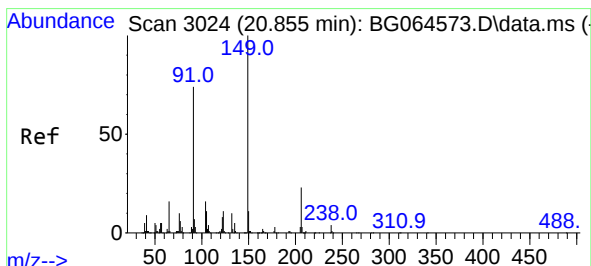
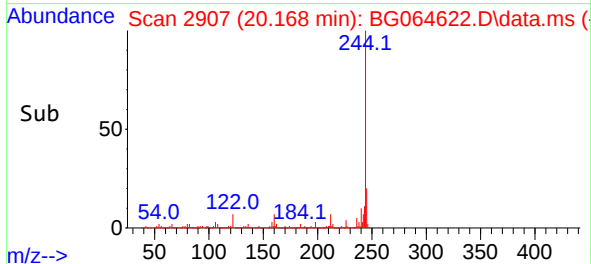
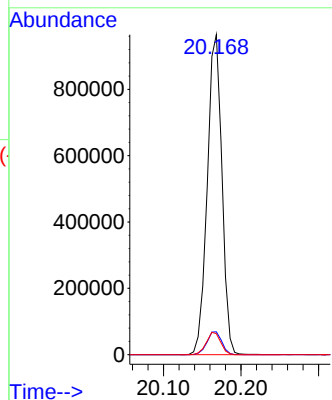
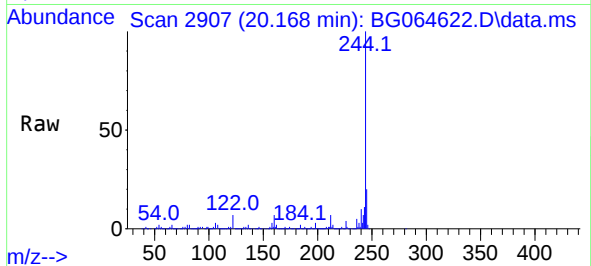




#79  
Terphenyl-d14  
Concen: 83.281 ng  
RT: 20.168 min Scan# 2907  
Delta R.T. -0.009 min  
Lab File: BG064622.D  
Acq: 29 Oct 2025 14:06

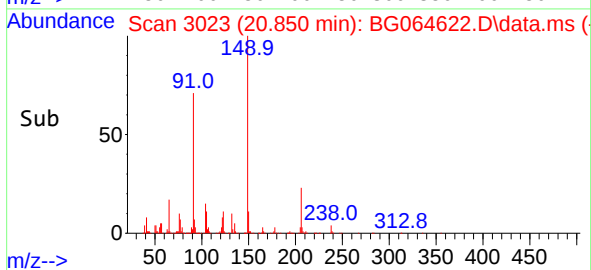
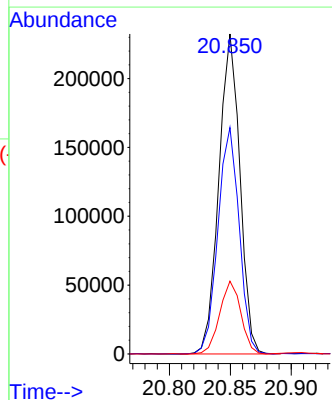
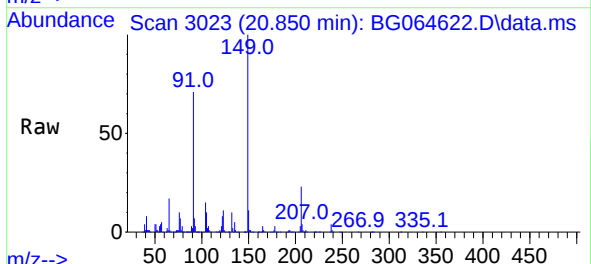
Instrument :  
BNA\_G  
ClientSampleId :  
PB170215BS

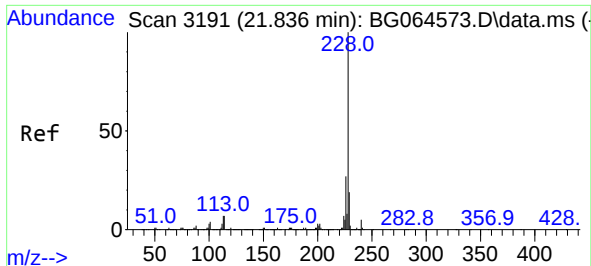
Tgt Ion:244 Resp: 1263324  
Ion Ratio Lower Upper  
244 100  
212 7.1 6.1 9.1  
122 6.5 5.6 8.4



#80  
Butylbenzylphthalate  
Concen: 49.405 ng  
RT: 20.850 min Scan# 3023  
Delta R.T. -0.009 min  
Lab File: BG064622.D  
Acq: 29 Oct 2025 14:06

Tgt Ion:149 Resp: 279278  
Ion Ratio Lower Upper  
149 100  
91 70.8 59.2 88.8  
206 22.7 18.1 27.1

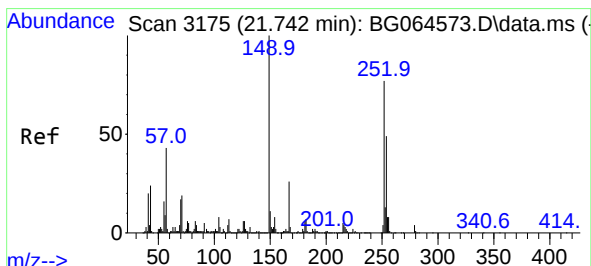
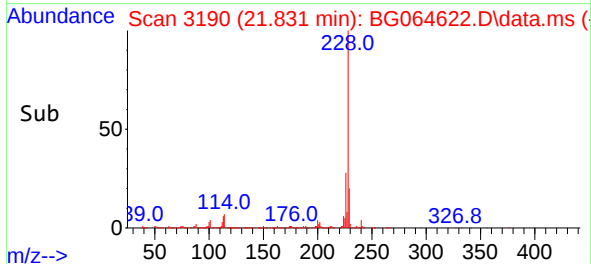
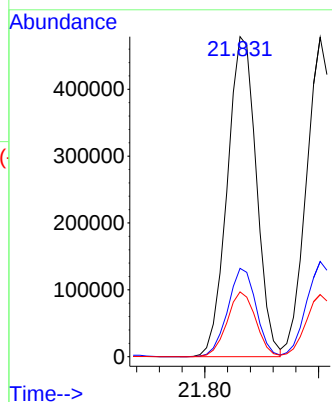
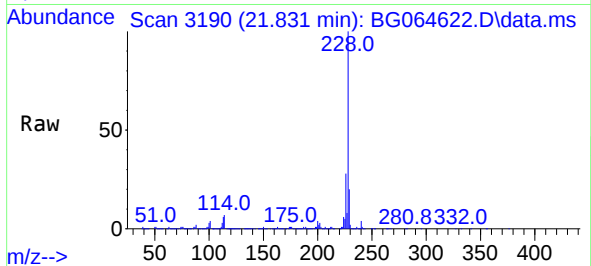




#81  
Benzo(a)anthracene  
Concen: 44.811 ng  
RT: 21.831 min Scan# 3191  
Delta R.T. -0.009 min  
Lab File: BG064622.D  
Acq: 29 Oct 2025 14:06

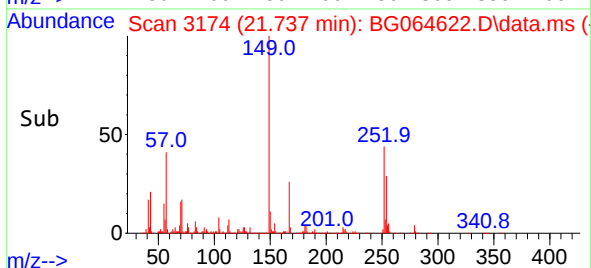
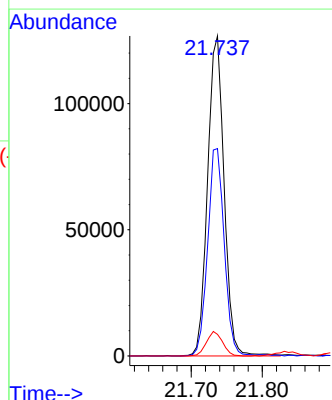
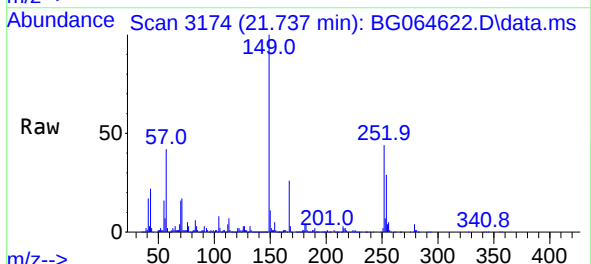
Instrument :  
BNA\_G  
ClientSampleId :  
PB170215BS

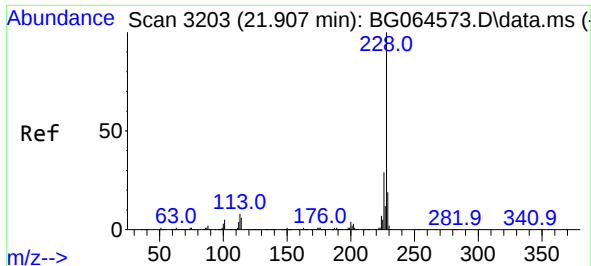
Tgt Ion:228 Resp: 850571  
Ion Ratio Lower Upper  
228 100  
226 27.6 21.9 32.9  
229 20.3 15.6 23.4



#82  
3,3'-Dichlorobenzidine  
Concen: 32.347 ng  
RT: 21.737 min Scan# 3174  
Delta R.T. -0.003 min  
Lab File: BG064622.D  
Acq: 29 Oct 2025 14:06

Tgt Ion:252 Resp: 205029  
Ion Ratio Lower Upper  
252 100  
254 64.8 50.8 76.2  
126 6.8 5.8 8.6

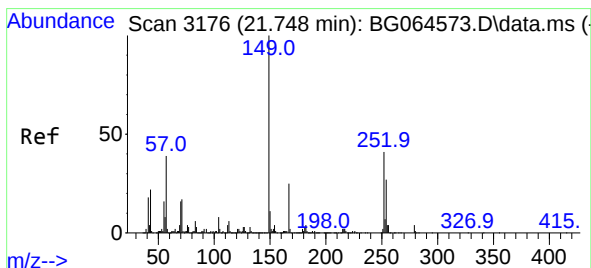
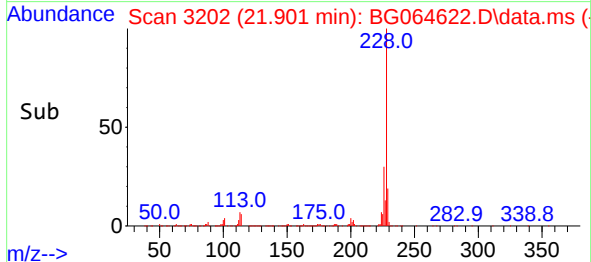
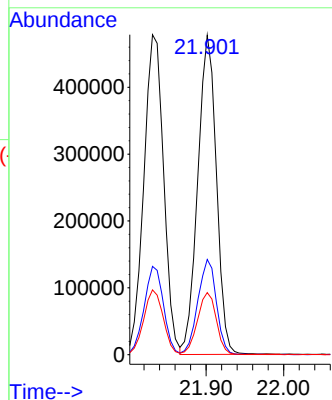
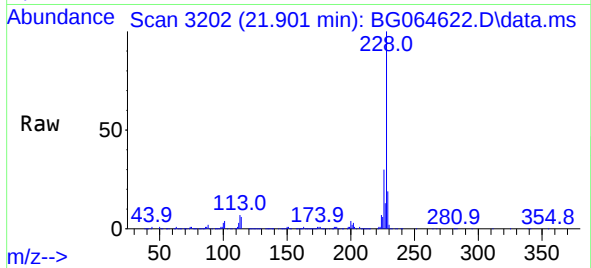




#83  
Chrysene  
Concen: 44.240 ng  
RT: 21.901 min Scan# 31  
Delta R.T. -0.009 min  
Lab File: BG064622.D  
Acq: 29 Oct 2025 14:06

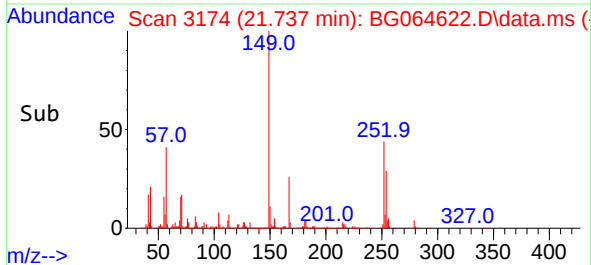
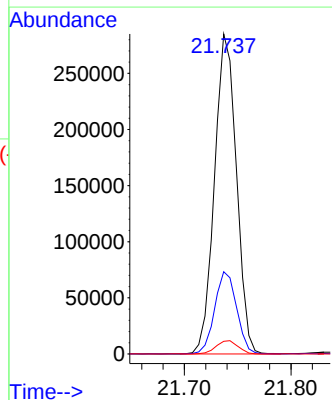
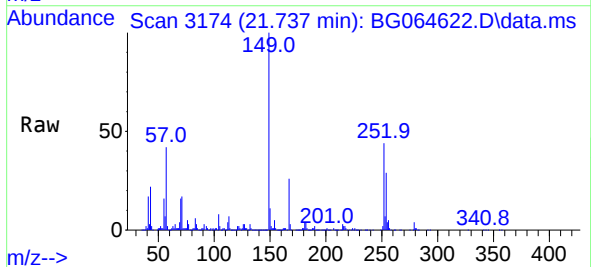
Instrument :  
BNA\_G  
ClientSampleId :  
PB170215BS

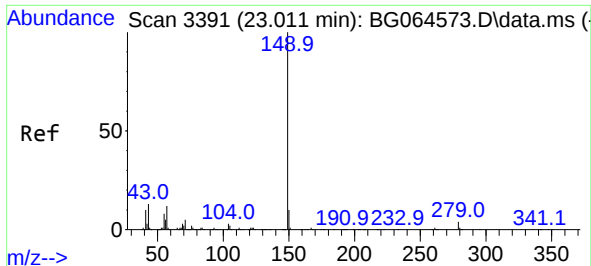
Tgt Ion:228 Resp: 799015  
Ion Ratio Lower Upper  
228 100  
226 29.8 23.3 34.9  
229 19.5 15.2 22.8



#84  
Bis(2-ethylhexyl)phthalate  
Concen: 48.204 ng  
RT: 21.737 min Scan# 3174  
Delta R.T. -0.015 min  
Lab File: BG064622.D  
Acq: 29 Oct 2025 14:06

Tgt Ion:149 Resp: 407169  
Ion Ratio Lower Upper  
149 100  
167 25.7 20.0 30.0  
279 4.0 3.1 4.7

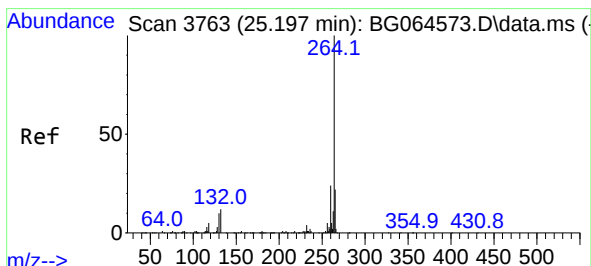
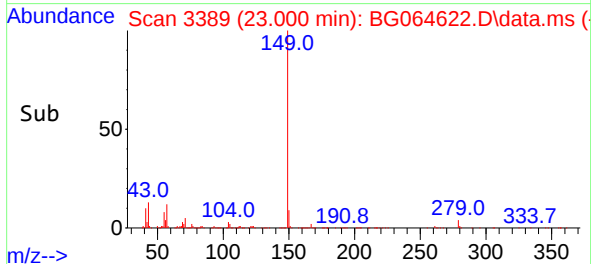
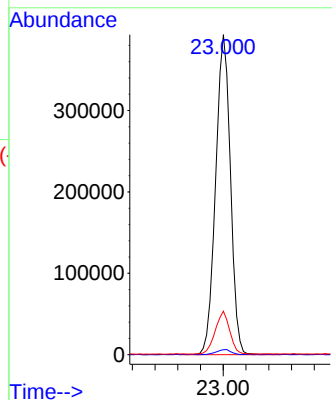
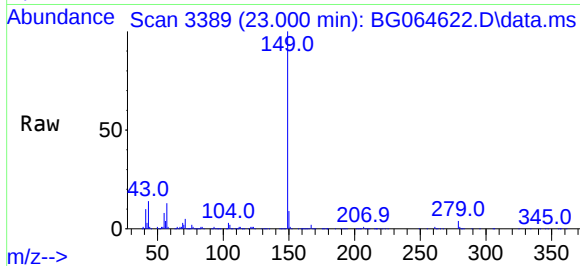




#85  
Di-n-octyl phthalate  
Concen: 49.802 ng  
RT: 23.000 min Scan# 31  
Delta R.T. -0.015 min  
Lab File: BG064622.D  
Acq: 29 Oct 2025 14:06

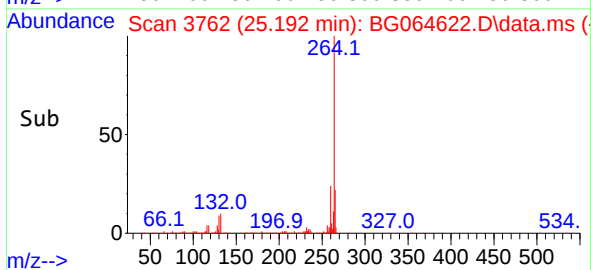
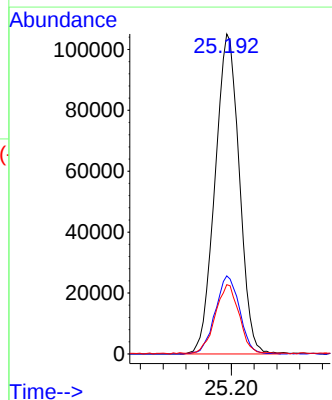
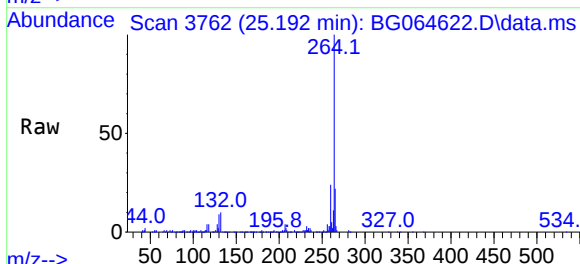
Instrument :  
BNA\_G  
ClientSampleId :  
PB170215BS

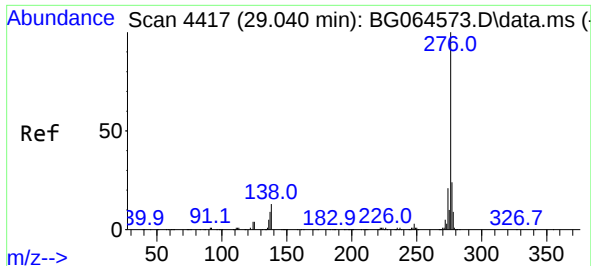
Tgt Ion:149 Resp: 709236  
Ion Ratio Lower Upper  
149 100  
167 1.6 1.3 1.9  
43 13.1 10.8 16.2



#86  
Perylene-d12  
Concen: 20.000 ng  
RT: 25.192 min Scan# 3762  
Delta R.T. -0.009 min  
Lab File: BG064622.D  
Acq: 29 Oct 2025 14:06

Tgt Ion:264 Resp: 311364  
Ion Ratio Lower Upper  
264 100  
260 24.4 19.0 28.4  
265 21.6 17.6 26.4

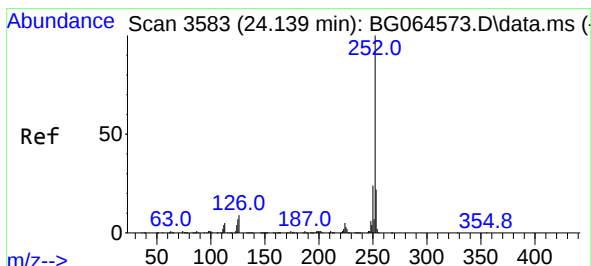
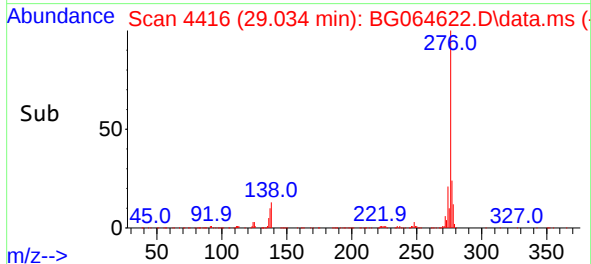
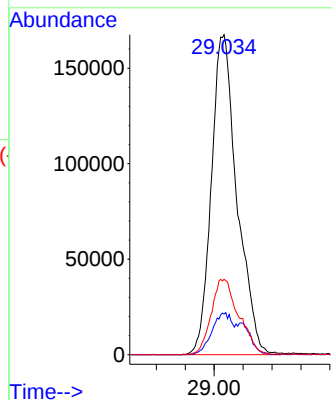
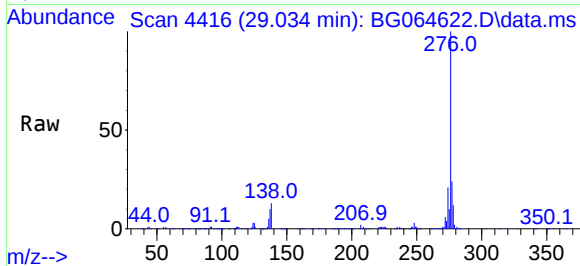




#87  
Indeno(1,2,3-cd)pyrene  
Concen: 45.114 ng  
RT: 29.034 min Scan# 4416  
Delta R.T. -0.027 min  
Lab File: BG064622.D  
Acq: 29 Oct 2025 14:06

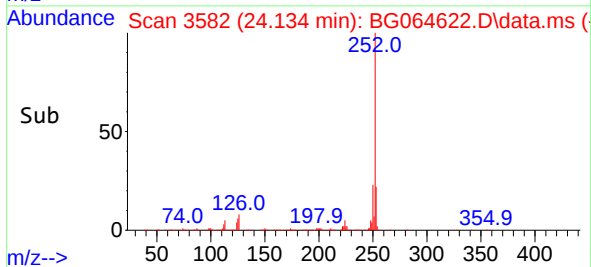
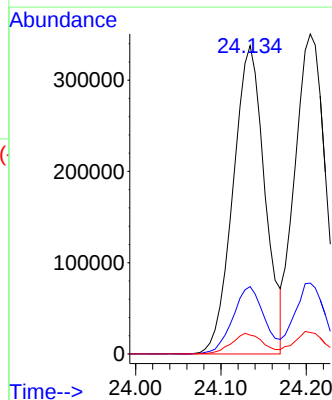
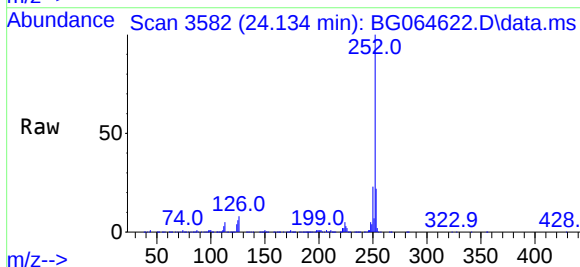
Instrument :  
BNA\_G  
ClientSampleId :  
PB170215BS

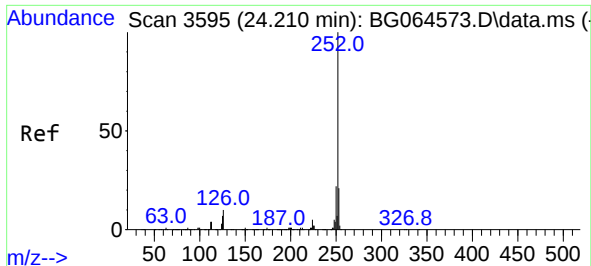
Tgt Ion:276 Resp: 1033332  
Ion Ratio Lower Upper  
276 100  
138 10.3 10.8 16.2#  
277 25.3 20.1 30.1



#88  
Benzo(b)fluoranthene  
Concen: 45.715 ng  
RT: 24.134 min Scan# 3582  
Delta R.T. -0.009 min  
Lab File: BG064622.D  
Acq: 29 Oct 2025 14:06

Tgt Ion:252 Resp: 872834  
Ion Ratio Lower Upper  
252 100  
253 21.8 17.8 26.8  
125 6.2 5.6 8.4

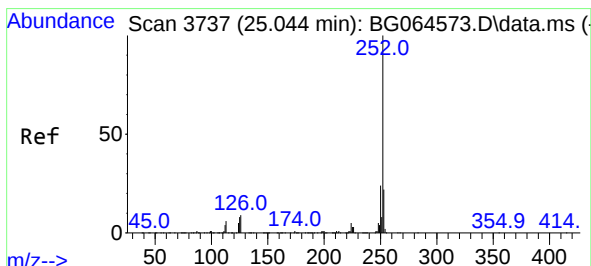
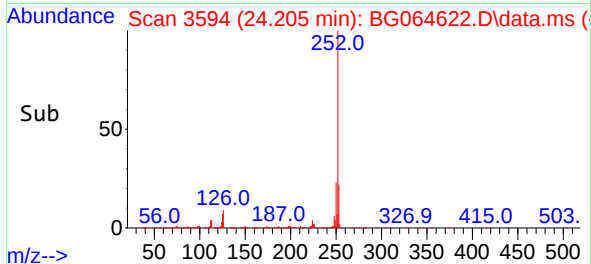
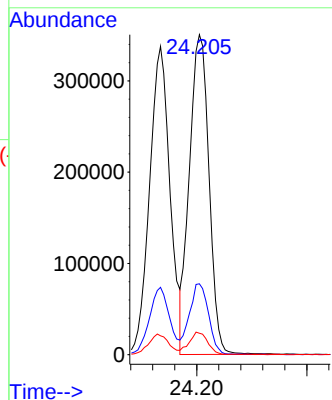
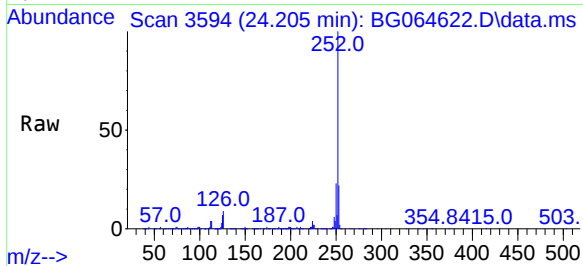




#89  
Benzo(k)fluoranthene  
Concen: 45.401 ng  
RT: 24.205 min Scan# 31  
Delta R.T. -0.015 min  
Lab File: BG064622.D  
Acq: 29 Oct 2025 14:06

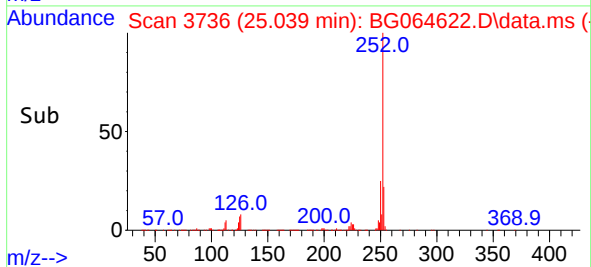
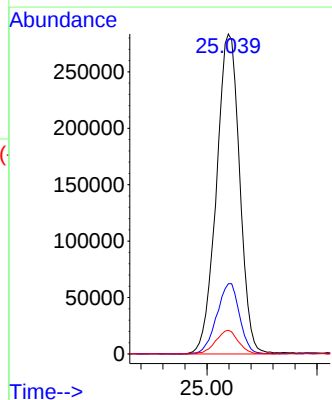
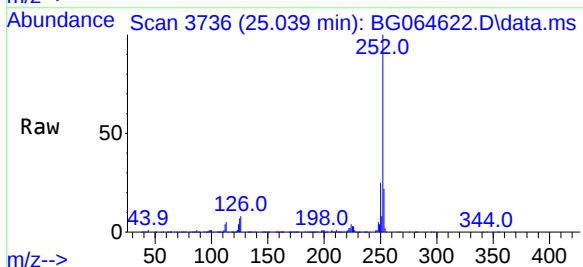
Instrument :  
BNA\_G  
ClientSampleId :  
PB170215BS

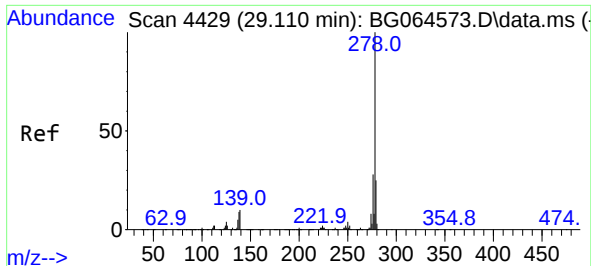
Tgt Ion:252 Resp: 867424  
Ion Ratio Lower Upper  
252 100  
253 22.1 16.8 25.2  
125 6.7 5.4 8.0



#90  
Benzo(a)pyrene  
Concen: 47.341 ng  
RT: 25.039 min Scan# 3736  
Delta R.T. -0.021 min  
Lab File: BG064622.D  
Acq: 29 Oct 2025 14:06

Tgt Ion:252 Resp: 830855  
Ion Ratio Lower Upper  
252 100  
253 22.0 17.6 26.4  
125 7.4 6.1 9.1

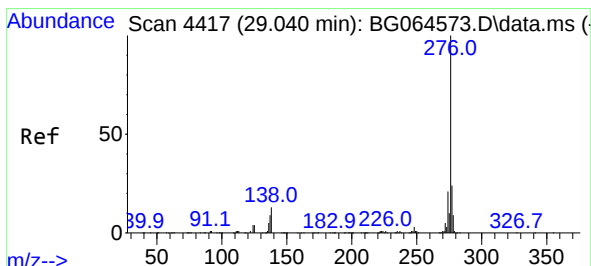
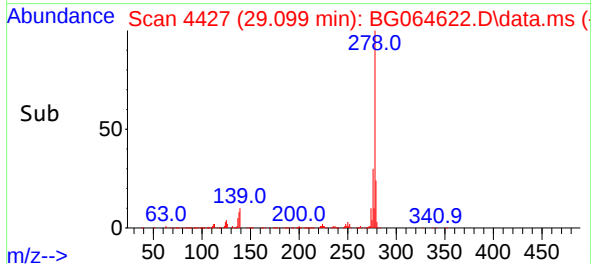
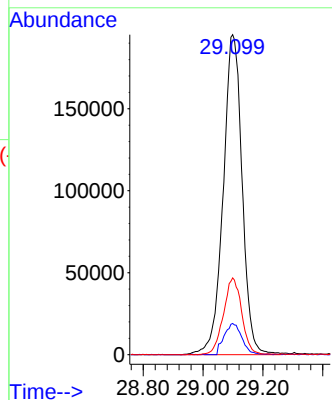
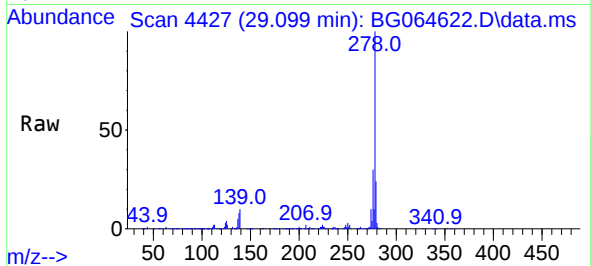




#91  
Dibenzo(a,h)anthracene  
Concen: 46.137 ng  
RT: 29.099 min Scan# 4427  
Delta R.T. -0.038 min  
Lab File: BG064622.D  
Acq: 29 Oct 2025 14:06

Instrument :  
BNA\_G  
ClientSampleId :  
PB170215BS

Tgt Ion:278 Resp: 858540  
Ion Ratio Lower Upper  
278 100  
139 9.8 8.0 12.0  
279 24.0 19.8 29.6



#92  
Benzo(g,h,i)perylene  
Concen: 45.114 ng  
RT: 29.034 min Scan# 4416  
Delta R.T. -0.027 min  
Lab File: BG064622.D  
Acq: 29 Oct 2025 14:06

Tgt Ion:276 Resp: 1033332  
Ion Ratio Lower Upper  
276 100  
277 23.6 19.2 28.8  
138 12.7 10.7 16.1

