

Data Path : Z:\svoasrv\HPCHEM1\BNA\_G\Data\BG101725\  
 Data File : BG064540.D  
 Acq On : 17 Oct 2025 17:51  
 Operator : RC/JU  
 Sample : Q3363-05MSD  
 Misc : 8270/625.1 SPIKE  
 ALS Vial : 11 Sample Multiplier: 1

Instrument :  
 BNA\_G  
 ClientSampleId :  
 COMP01-20251015MSD

Quant Time: Oct 17 19:09:56 2025  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_G\Methods\8270-BG100225.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Thu Oct 02 16:40:42 2025  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc    | Units | Dev(Min) |
|-------------------------------|--------|------|----------|---------|-------|----------|
| -----                         |        |      |          |         |       |          |
| Internal Standards            |        |      |          |         |       |          |
| 1) 1,4-Dichlorobenzene-d4     | 7.820  | 152  | 12958    | 20.000  | ng    | # 0.00   |
| 21) Naphthalene-d8            | 10.605 | 136  | 53760    | 20.000  | ng    | # 0.00   |
| 39) Acenaphthene-d10          | 14.448 | 164  | 42324    | 20.000  | ng    | 0.00     |
| 64) Phenanthrene-d10          | 17.191 | 188  | 98552    | 20.000  | ng    | 0.00     |
| 76) Chrysene-d12              | 21.416 | 240  | 108444   | 20.000  | ng    | 0.00     |
| 86) Perylene-d12              | 24.401 | 264  | 124972   | 20.000  | ng    | 0.01     |
| System Monitoring Compounds   |        |      |          |         |       |          |
| 5) 2-Fluorophenol             | 5.411  | 112  | 70198    | 100.258 | ng    | 0.00     |
| 7) Phenol-d6                  | 6.997  | 99   | 89685    | 95.316  | ng    | 0.01     |
| 23) Nitrobenzene-d5           | 8.972  | 82   | 59125    | 59.136  | ng    | 0.00     |
| 42) 2,4,6-Tribromophenol      | 15.940 | 330  | 71696    | 93.454  | ng    | 0.00     |
| 45) 2-Fluorobiphenyl          | 13.067 | 172  | 139992   | 48.754  | ng    | 0.00     |
| 79) Terphenyl-d14             | 19.806 | 244  | 298846   | 52.153  | ng    | 0.00     |
| Target Compounds              |        |      |          |         |       |          |
|                               |        |      |          |         |       | Qvalue   |
| 2) 1,4-Dioxane                | 3.314  | 88   | 12371    | 44.669  | ng    | # 88     |
| 3) Pyridine                   | 3.707  | 79   | 31258    | 41.996  | ng    | 94       |
| 4) n-Nitrosodimethylamine     | 3.619  | 42   | 30671    | 56.843  | ng    | 99       |
| 6) Aniline                    | 7.144  | 93   | 39733    | 33.477  | ng    | 98       |
| 8) 2-Chlorophenol             | 7.385  | 128  | 49617    | 57.709  | ng    | 97       |
| 9) Benzaldehyde               | 6.956  | 77   | 21680    | 25.957  | ng    | 93       |
| 10) Phenol                    | 7.027  | 94   | 55973    | 56.391  | ng    | 97       |
| 11) bis(2-Chloroethyl)ether   | 7.244  | 93   | 36342    | 54.065  | ng    | 97       |
| 12) 1,3-Dichlorobenzene       | 7.708  | 146  | 54599    | 58.051  | ng    | 90       |
| 13) 1,4-Dichlorobenzene       | 7.849  | 146  | 57931    | 61.371  | ng    | 88       |
| 14) 1,2-Dichlorobenzene       | 8.167  | 146  | 54459    | 58.538  | ng    | 93       |
| 15) Benzyl Alcohol            | 8.061  | 79   | 48186    | 55.609  | ng    | 90       |
| 16) 2,2'-oxybis(1-Chloropr... | 8.349  | 45   | 54022    | 49.858  | ng    | 96       |
| 17) 2-Methylphenol            | 8.267  | 107  | 41721    | 58.047  | ng    | 95       |
| 18) Hexachloroethane          | 8.889  | 117  | 20890    | 56.067  | ng    | 95       |
| 19) n-Nitroso-di-n-propyla... | 8.625  | 70   | 33086    | 52.578  | ng    | # 98     |
| 20) 3+4-Methylphenols         | 8.596  | 107  | 56150    | 55.982  | ng    | 90       |
| 22) Acetophenone              | 8.637  | 105  | 82910    | 63.695  | ng    | 97       |
| 24) Nitrobenzene              | 9.013  | 77   | 55754    | 55.920  | ng    | 99       |
| 25) Isophorone                | 9.541  | 82   | 97604    | 53.888  | ng    | 99       |
| 26) 2-Nitrophenol             | 9.724  | 139  | 27688    | 55.798  | ng    | 91       |
| 27) 2,4-Dimethylphenol        | 9.788  | 122  | 48855    | 64.460  | ng    | 94       |
| 28) bis(2-Chloroethoxy)met... | 10.017 | 93   | 50508    | 54.706  | ng    | 99       |
| 29) 2,4-Dichlorophenol        | 10.258 | 162  | 52040    | 59.377  | ng    | 98       |
| 30) 1,2,4-Trichlorobenzene    | 10.470 | 180  | 58767    | 61.496  | ng    | 98       |
| 31) Naphthalene               | 10.658 | 128  | 161782   | 58.439  | ng    | 98       |
| 32) Benzoic acid              | 9.959  | 122  | 39058    | 67.122  | ng    | 86       |
| 33) 4-Chloroaniline           | 10.764 | 127  | 23291    | 21.925  | ng    | 95       |
| 34) Hexachlorobutadiene       | 10.946 | 225  | 49225    | 60.147  | ng    | 97       |
| 35) Caprolactam               | 11.545 | 113  | 10206    | 34.015  | ng    | 94       |
| 36) 4-Chloro-3-methylphenol   | 11.903 | 107  | 62134    | 58.297  | ng    | 97       |
| 37) 2-Methylnaphthalene       | 12.268 | 142  | 106210   | 49.980  | ng    | 99       |
| 38) 1-Methylnaphthalene       | 12.485 | 142  | 115037   | 54.289  | ng    | 95       |
| 40) 1,2,4,5-Tetrachloroben... | 12.638 | 216  | 85281    | 62.405  | ng    | 98       |
| 41) Hexachlorocyclopentadiene | 12.620 | 237  | 104149   | 145.696 | ng    | 94       |
| 43) 2,4,6-Trichlorophenol     | 12.879 | 196  | 50162    | 57.421  | ng    | 96       |

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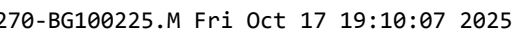
Instrument :  
 BNA\_G  
 ClientSampleId :  
 COMP01-20251015MSD

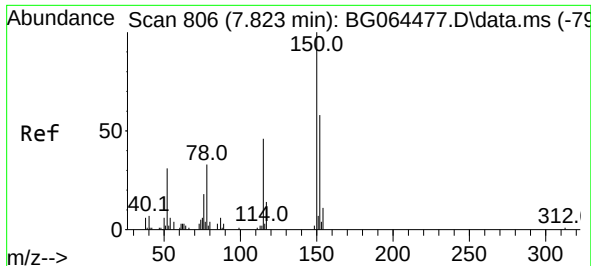
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 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_G\Methods\8270-BG100225.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Thu Oct 02 16:40:42 2025  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc    | Units | Dev(Min) |
|-------------------------------|--------|------|----------|---------|-------|----------|
| 44) 2,4,5-Trichlorophenol     | 12.955 | 196  | 54905    | 56.296  | ng    | 95       |
| 46) 1,1'-Biphenyl             | 13.278 | 154  | 183332   | 60.226  | ng    | 100      |
| 47) 2-Chloronaphthalene       | 13.319 | 162  | 123311   | 54.256  | ng    | 99       |
| 48) 2-Nitroaniline            | 13.531 | 65   | 42893    | 55.296  | ng    | 98       |
| 49) Acenaphthylene            | 14.166 | 152  | 213116   | 63.167  | ng    | 99       |
| 50) Dimethylphthalate         | 13.907 | 163  | 171566   | 51.757  | ng    | 99       |
| 51) 2,6-Dinitrotoluene        | 14.024 | 165  | 37689    | 54.581  | ng    | 95       |
| 52) Acenaphthene              | 14.512 | 154  | 123214   | 52.566  | ng    | 100      |
| 53) 3-Nitroaniline            | 14.359 | 138  | 21357    | 33.537  | ng    | # 92     |
| 54) 2,4-Dinitrophenol         | 14.565 | 184  | 47393    | 94.653  | ng    | 89       |
| 55) Dibenzofuran              | 14.847 | 168  | 211592   | 54.671  | ng    | 98       |
| 56) 4-Nitrophenol             | 14.683 | 139  | 55987    | 111.664 | ng    | # 83     |
| 57) 2,4-Dinitrotoluene        | 14.818 | 165  | 58742    | 55.649  | ng    | # 97     |
| 58) Fluorene                  | 15.493 | 166  | 180297   | 56.036  | ng    | 99       |
| 59) 2,3,4,6-Tetrachlorophenol | 15.076 | 232  | 58615    | 58.889  | ng    | # 100    |
| 60) Diethylphthalate          | 15.270 | 149  | 186116   | 52.339  | ng    | 98       |
| 61) 4-Chlorophenyl-phenyle... | 15.487 | 204  | 94473    | 53.782  | ng    | 97       |
| 62) 4-Nitroaniline            | 15.517 | 138  | 35978    | 54.205  | ng    | # 83     |
| 63) Azobenzene                | 15.781 | 77   | 159730   | 58.000  | ng    | 96       |
| 65) 4,6-Dinitro-2-methylph... | 15.582 | 198  | 38604    | 56.259  | ng    | 93       |
| 66) n-Nitrosodiphenylamine    | 15.705 | 169  | 155774   | 59.191  | ng    | 94       |
| 67) 4-Bromophenyl-phenylether | 16.381 | 248  | 66795    | 57.595  | ng    | 94       |
| 68) Hexachlorobenzene         | 16.498 | 284  | 78114    | 58.863  | ng    | 98       |
| 69) Atrazine                  | 16.657 | 200  | 71618    | 61.166  | ng    | 99       |
| 70) Pentachlorophenol         | 16.845 | 266  | 98627    | 127.110 | ng    | 98       |
| 71) Phenanthrene              | 17.233 | 178  | 295420   | 57.321  | ng    | 99       |
| 72) Anthracene                | 17.321 | 178  | 300419   | 58.104  | ng    | 98       |
| 73) Carbazole                 | 17.591 | 167  | 267151   | 59.777  | ng    | 98       |
| 74) Di-n-butylphthalate       | 18.155 | 149  | 315058   | 57.749  | ng    | 99       |
| 75) Fluoranthene              | 19.242 | 202  | 379195   | 61.587  | ng    | 98       |
| 77) Benzidine                 | 19.424 | 184  | 117565   | 43.567  | ng    | 98       |
| 78) Pyrene                    | 19.606 | 202  | 395779   | 56.237  | ng    | 99       |
| 80) Butylbenzylphthalate      | 20.499 | 149  | 141491   | 56.715  | ng    | 98       |
| 81) Benzo(a)anthracene        | 21.398 | 228  | 422383   | 61.001  | ng    | 99       |
| 82) 3,3'-Dichlorobenzidine    | 21.322 | 252  | 63681    | 27.173  | ng    | # 97     |
| 83) Chrysene                  | 21.463 | 228  | 389097   | 59.253  | ng    | 98       |
| 84) Bis(2-ethylhexyl)phtha... | 21.316 | 149  | 208938   | 59.357  | ng    | 96       |
| 85) Di-n-octyl phthalate      | 22.444 | 149  | 347323   | 58.710  | ng    | 99       |
| 87) Indeno(1,2,3-cd)pyrene    | 27.761 | 276  | 513369   | 59.016  | ng    | 99       |
| 88) Benzo(b)fluoranthene      | 23.460 | 252  | 418135   | 58.812  | ng    | 99       |
| 89) Benzo(k)fluoranthene      | 23.525 | 252  | 420067   | 58.664  | ng    | 99       |
| 90) Benzo(a)pyrene            | 24.260 | 252  | 409057   | 62.428  | ng    | 99       |
| 91) Dibenzo(a,h)anthracene    | 27.814 | 278  | 416939   | 59.935  | ng    | 96       |
| 92) Benzo(g,h,i)perylene      | 28.807 | 276  | 422774   | 62.538  | ng    | 97       |

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

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QLast Update : Thu Oct 02 16:40:42 2025  
Response via : Initial Calibration

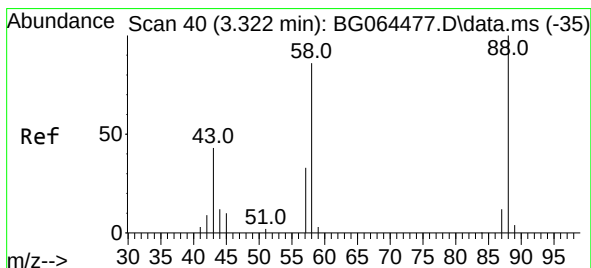
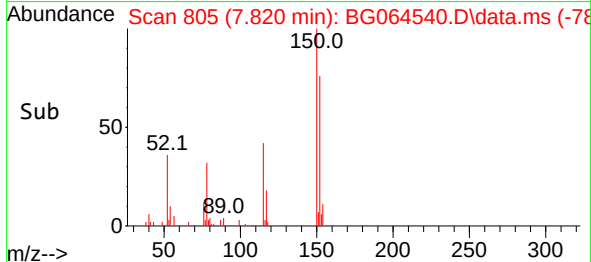
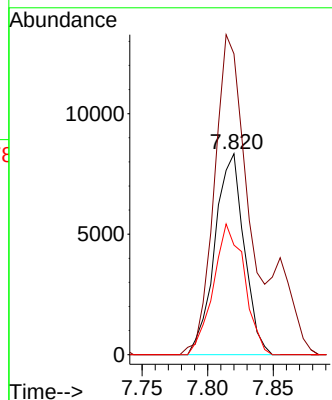
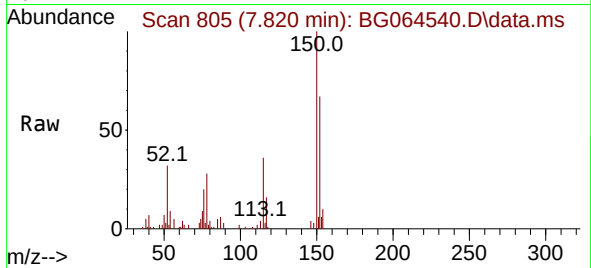




#1  
 1,4-Dichlorobenzene-d4  
 Concen: 20.000 ng  
 RT: 7.820 min Scan# 80  
 Delta R.T. 0.000 min  
 Lab File: BG064540.D  
 Acq: 17 Oct 2025 17:51

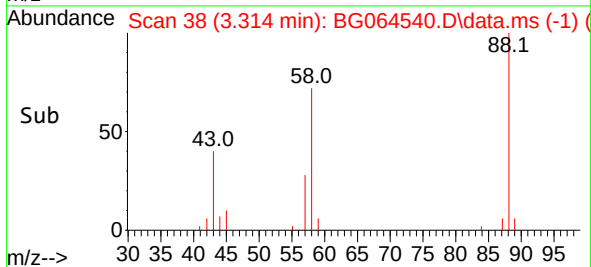
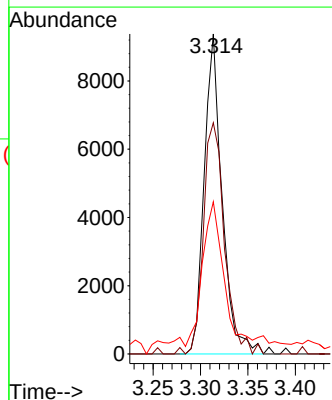
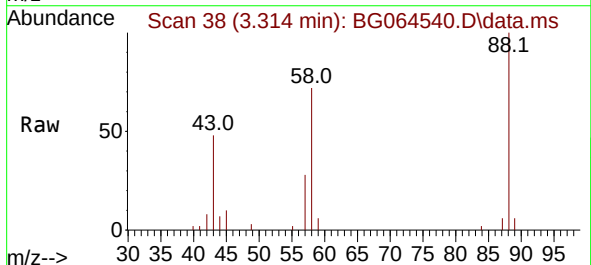
Instrument :  
 BNA\_G  
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 COMP01-20251015MSD

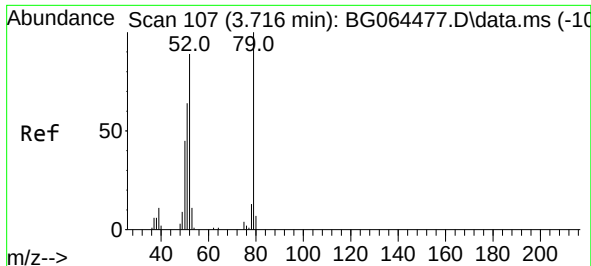
Tgt Ion:152 Resp: 12958  
 Ion Ratio Lower Upper  
 152 100  
 150 149.6 138.6 207.8  
 115 54.5 63.4 95.2#



#2  
 1,4-Dioxane  
 Concen: 44.669 ng  
 RT: 3.314 min Scan# 38  
 Delta R.T. -0.006 min  
 Lab File: BG064540.D  
 Acq: 17 Oct 2025 17:51

Tgt Ion: 88 Resp: 12371  
 Ion Ratio Lower Upper  
 88 100  
 58 84.8 69.8 104.6  
 43 66.6 37.4 56.0#



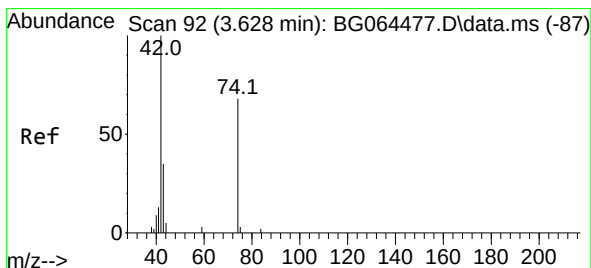
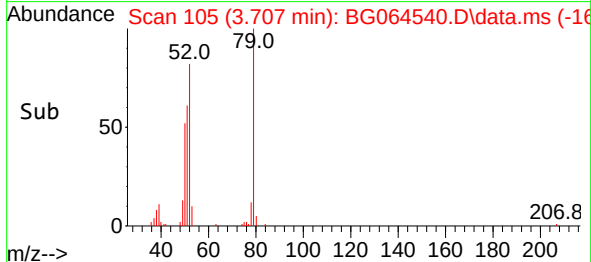
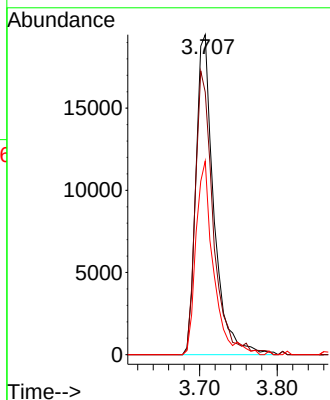
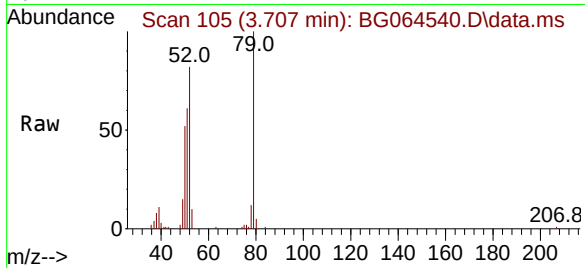


#3  
Pyridine  
Concen: 41.996 ng  
RT: 3.707 min Scan# 107  
Delta R.T. -0.006 min  
Lab File: BG064540.D  
Acq: 17 Oct 2025 17:51

Instrument :  
BNA\_G  
ClientSampleId :  
COMP01-20251015MSD

Tgt Ion: 79 Resp: 31258

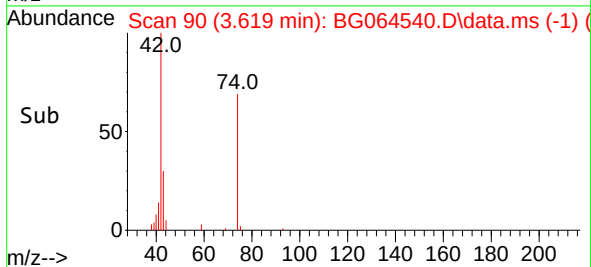
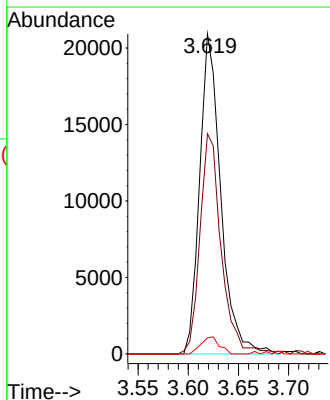
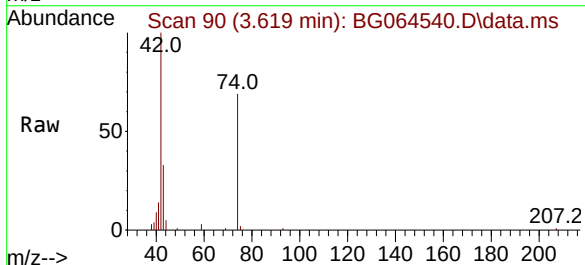
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 79  | 100   |       |       |
| 52  | 82.1  | 71.0  | 106.4 |
| 51  | 60.5  | 51.0  | 76.6  |

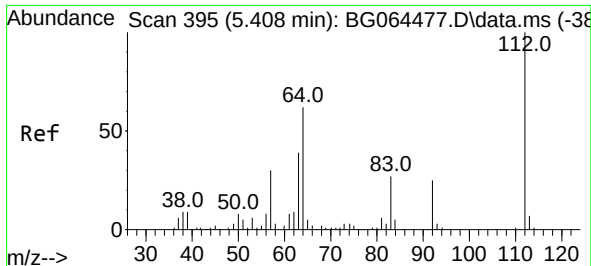


#4  
n-Nitrosodimethylamine  
Concen: 56.843 ng  
RT: 3.619 min Scan# 90  
Delta R.T. -0.006 min  
Lab File: BG064540.D  
Acq: 17 Oct 2025 17:51

Tgt Ion: 42 Resp: 30671

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 42  | 100   |       |       |
| 74  | 68.8  | 54.2  | 81.4  |
| 44  | 5.0   | 4.2   | 6.2   |

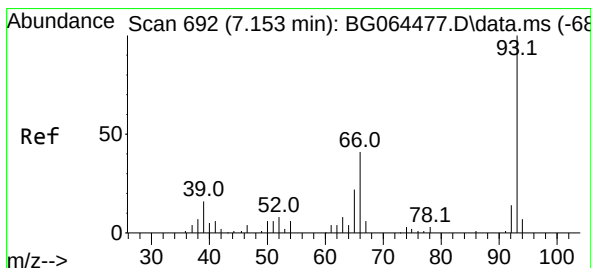
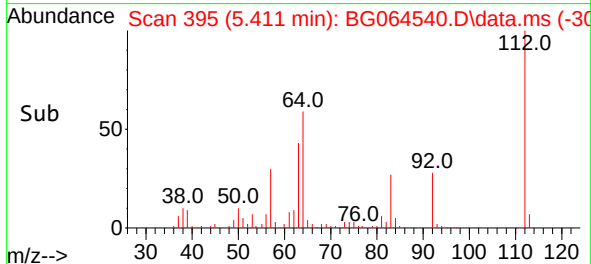
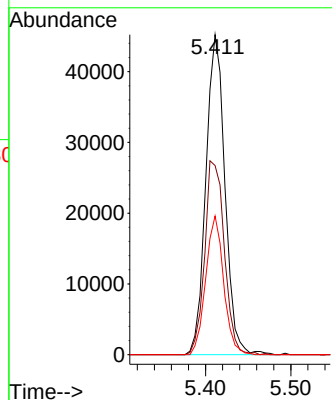
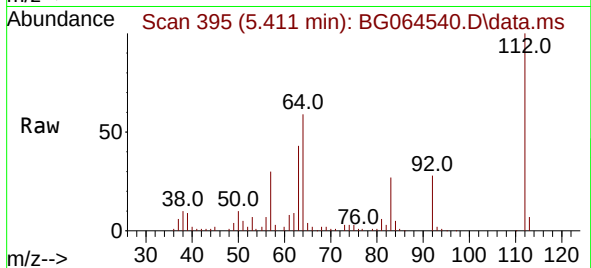




#5  
2-Fluorophenol  
Concen: 100.258 ng  
RT: 5.411 min Scan# 395  
Delta R.T. 0.005 min  
Lab File: BG064540.D  
Acq: 17 Oct 2025 17:51

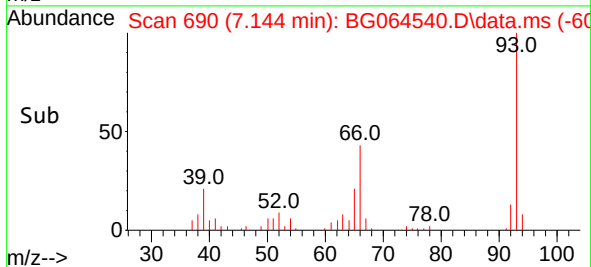
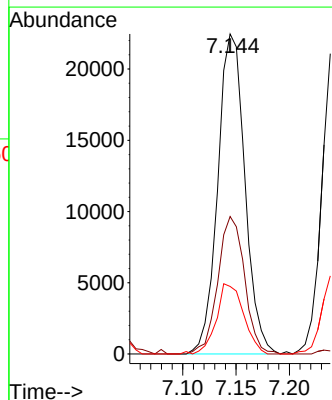
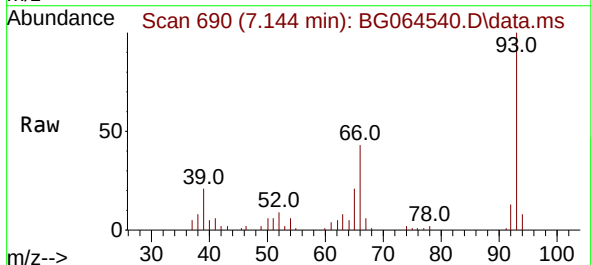
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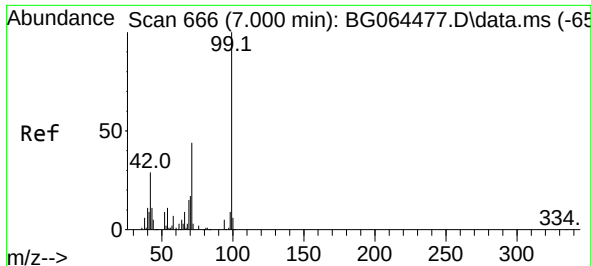
Tgt Ion:112 Resp: 70198  
Ion Ratio Lower Upper  
112 100  
64 59.1 49.8 74.8  
63 43.3 31.3 46.9



#6  
Aniline  
Concen: 33.477 ng  
RT: 7.144 min Scan# 690  
Delta R.T. -0.000 min  
Lab File: BG064540.D  
Acq: 17 Oct 2025 17:51

Tgt Ion: 93 Resp: 39733  
Ion Ratio Lower Upper  
93 100  
66 43.0 33.0 49.4  
65 21.1 17.5 26.3

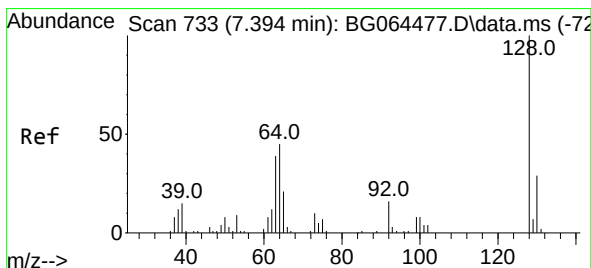
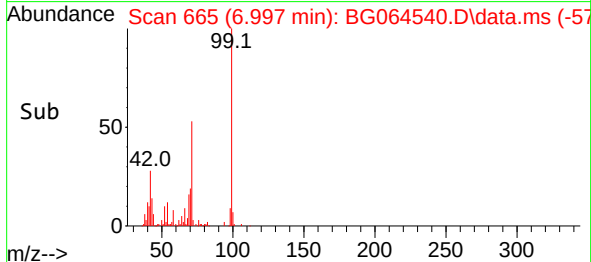
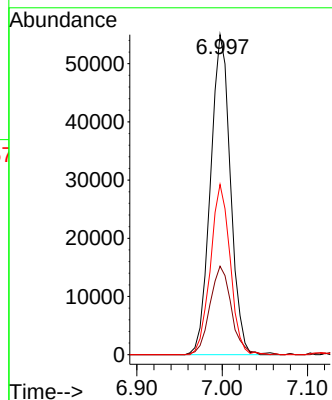
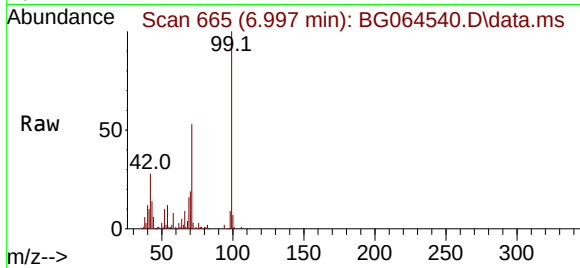




#7  
Phenol-d6  
Concen: 95.316 ng  
RT: 6.997 min Scan# 60  
Delta R.T. 0.011 min  
Lab File: BG064540.D  
Acq: 17 Oct 2025 17:51

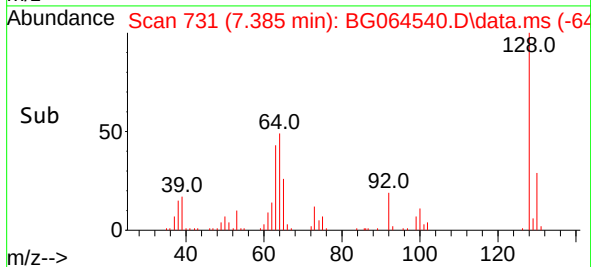
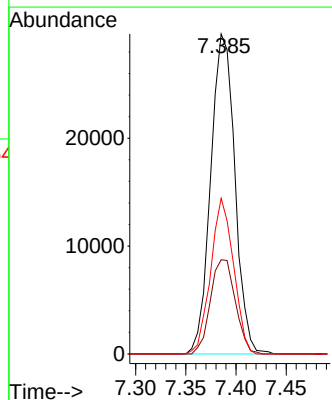
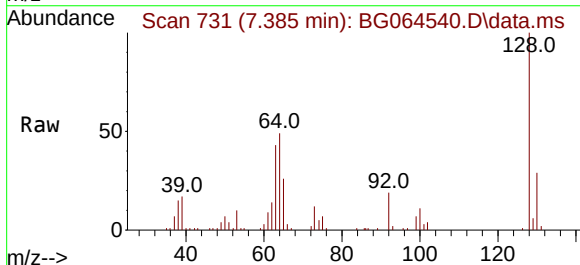
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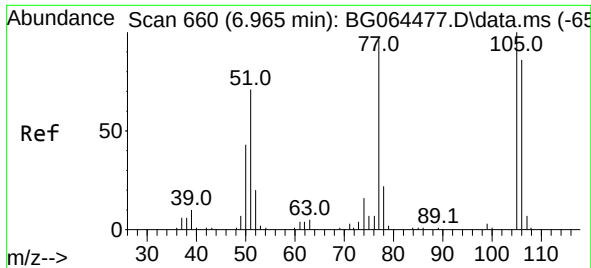
Tgt Ion: 99 Resp: 89685  
Ion Ratio Lower Upper  
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42 27.6 22.9 34.3  
71 53.2 35.4 53.2#



#8  
2-Chlorophenol  
Concen: 57.709 ng  
RT: 7.385 min Scan# 731  
Delta R.T. -0.000 min  
Lab File: BG064540.D  
Acq: 17 Oct 2025 17:51

Tgt Ion:128 Resp: 49617  
Ion Ratio Lower Upper  
128 100  
130 29.4 9.2 49.2  
64 48.6 25.5 65.5

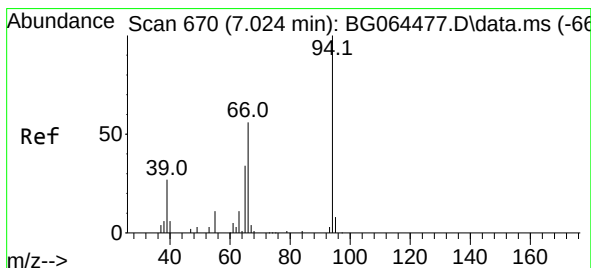
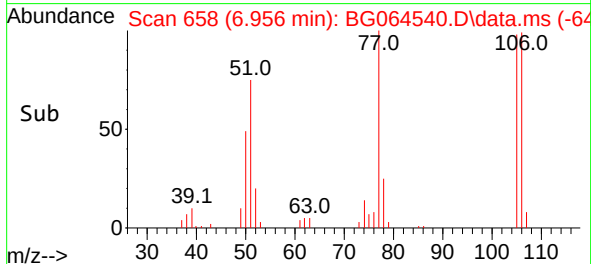
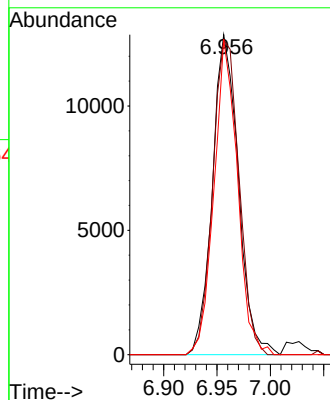
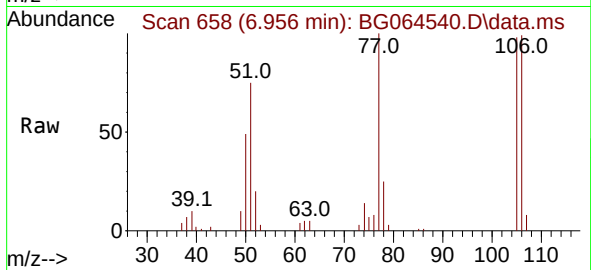




#9  
Benzaldehyde  
Concen: 25.957 ng  
RT: 6.956 min Scan# 610  
Delta R.T. -0.006 min  
Lab File: BG064540.D  
Acq: 17 Oct 2025 17:51

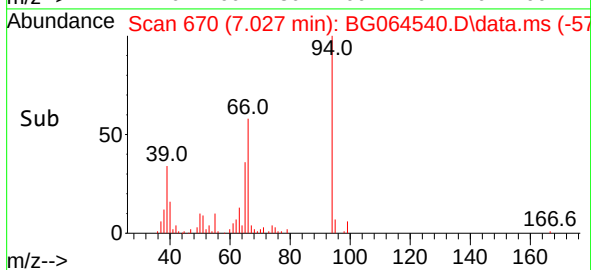
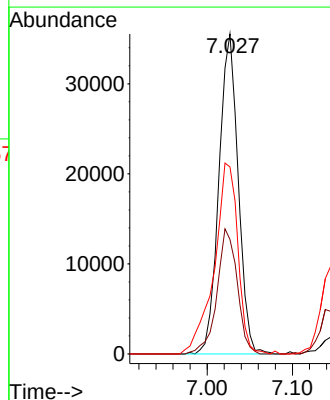
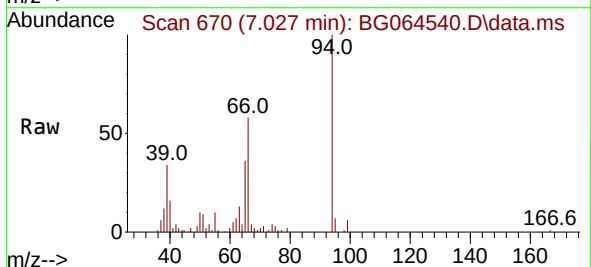
Instrument :  
BNA\_G  
ClientSampleId :  
COMP01-20251015MSD

Tgt Ion: 77 Resp: 21680  
Ion Ratio Lower Upper  
77 100  
105 98.3 83.7 123.7  
106 98.6 69.4 109.4

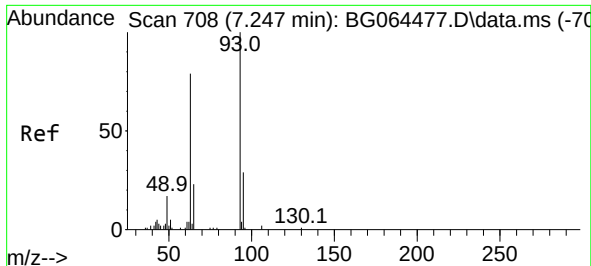


#10  
Phenol  
Concen: 56.391 ng  
RT: 7.027 min Scan# 670  
Delta R.T. 0.011 min  
Lab File: BG064540.D  
Acq: 17 Oct 2025 17:51

Tgt Ion: 94 Resp: 55973  
Ion Ratio Lower Upper  
94 100  
65 35.8 14.8 54.8  
66 58.5 41.4 81.4



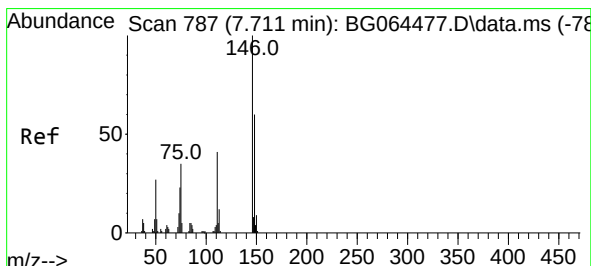
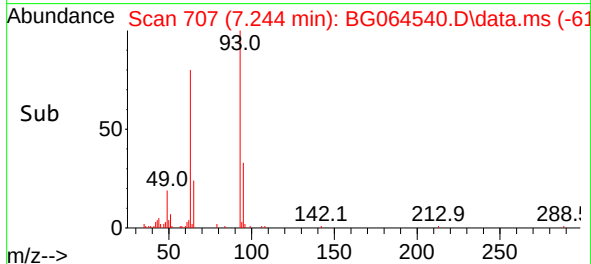
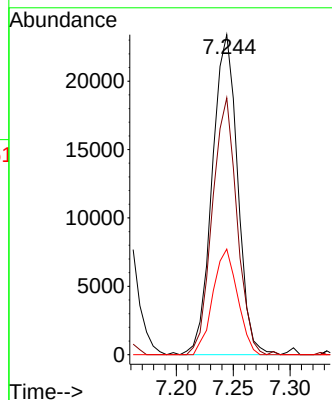
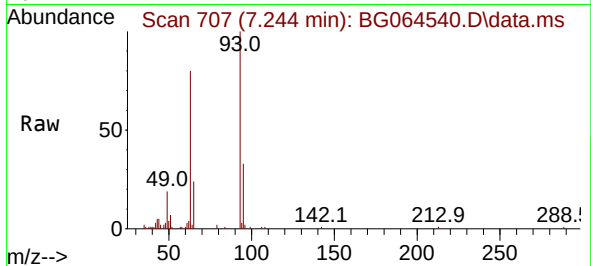




#11  
bis(2-Chloroethyl)ether  
Concen: 54.065 ng  
RT: 7.244 min Scan# 708  
Delta R.T. -0.000 min  
Lab File: BG064540.D  
Acq: 17 Oct 2025 17:51

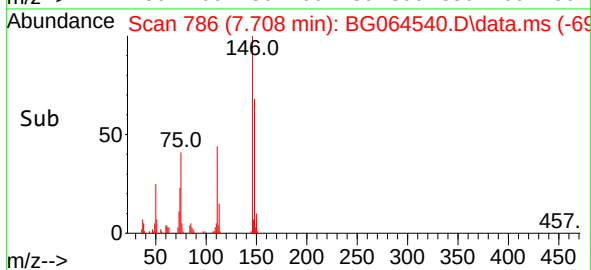
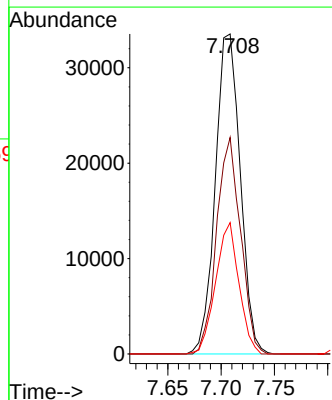
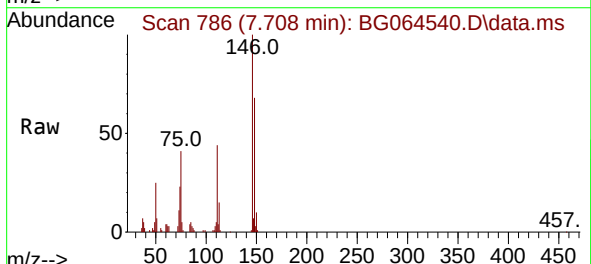
Instrument :  
BNA\_G  
ClientSampleId :  
COMP01-20251015MSD

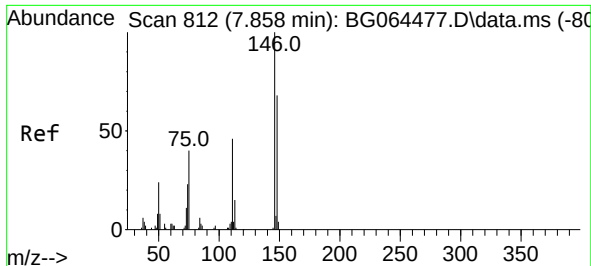
Tgt Ion: 93 Resp: 36342  
Ion Ratio Lower Upper  
93 100  
63 80.2 59.5 99.5  
95 33.0 8.8 48.8



#12  
1,3-Dichlorobenzene  
Concen: 58.051 ng  
RT: 7.708 min Scan# 786  
Delta R.T. -0.000 min  
Lab File: BG064540.D  
Acq: 17 Oct 2025 17:51

Tgt Ion:146 Resp: 54599  
Ion Ratio Lower Upper  
146 100  
148 67.6 48.4 72.6  
75 41.1 28.3 42.5

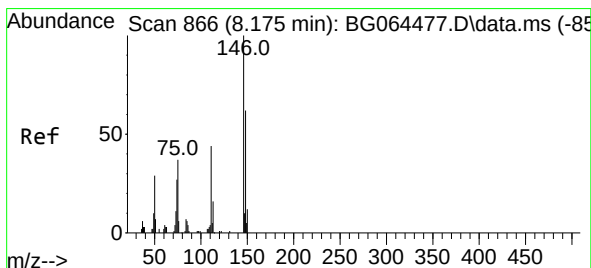
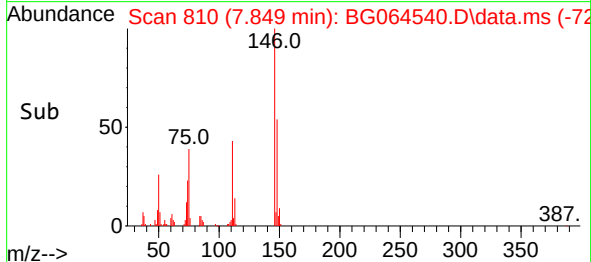
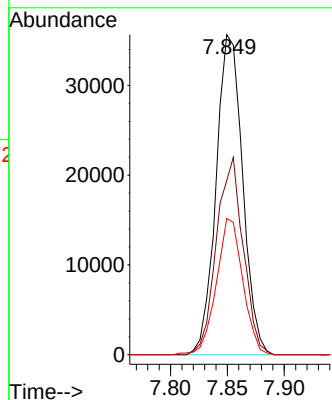
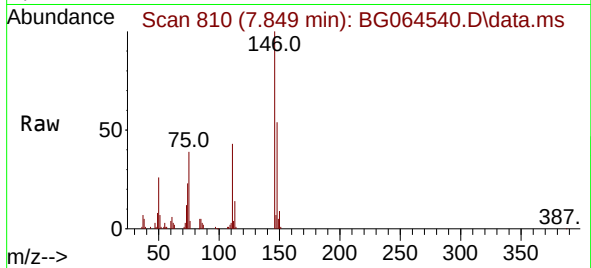




#13  
1,4-Dichlorobenzene  
Concen: 61.371 ng  
RT: 7.849 min Scan# 81  
Delta R.T. -0.006 min  
Lab File: BG064540.D  
Acq: 17 Oct 2025 17:51

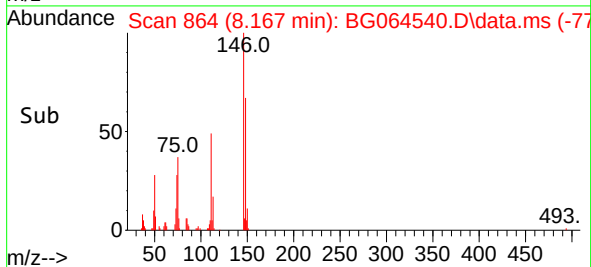
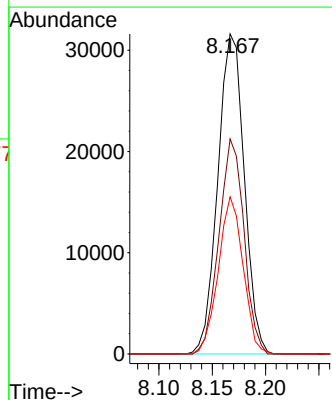
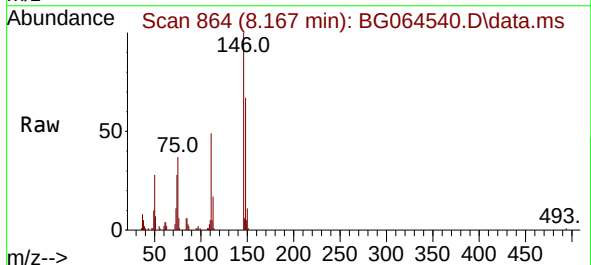
Instrument :  
BNA\_G  
ClientSampleId :  
COMP01-20251015MSD

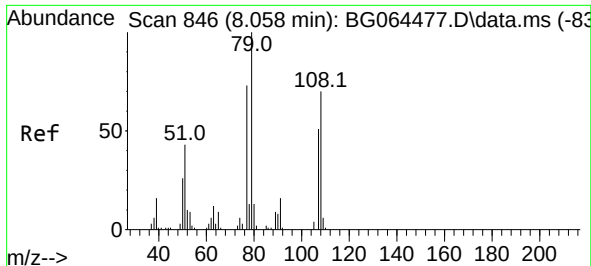
Tgt Ion:146 Resp: 57931  
Ion Ratio Lower Upper  
146 100  
148 54.5 54.4 81.6  
111 42.6 36.5 54.7



#14  
1,2-Dichlorobenzene  
Concen: 58.538 ng  
RT: 8.167 min Scan# 864  
Delta R.T. -0.006 min  
Lab File: BG064540.D  
Acq: 17 Oct 2025 17:51

Tgt Ion:146 Resp: 54459  
Ion Ratio Lower Upper  
146 100  
148 67.2 50.0 75.0  
111 49.1 35.0 52.4

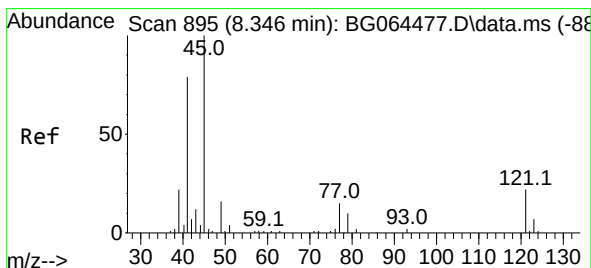
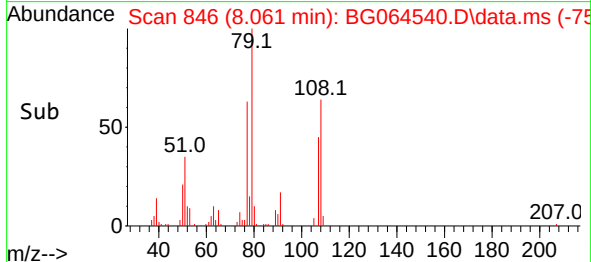
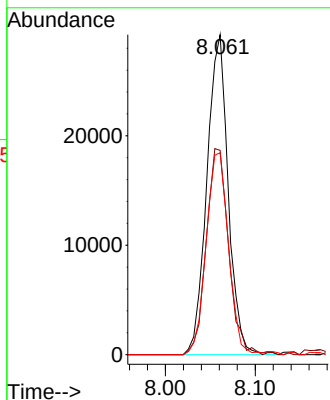
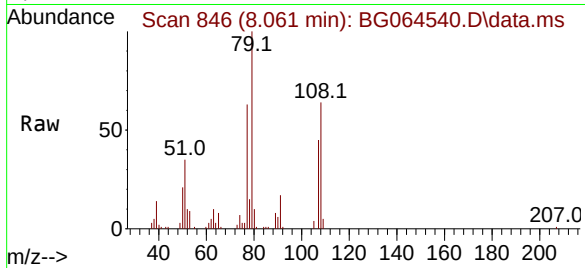




#15  
Benzyl Alcohol  
Concen: 55.609 ng  
RT: 8.061 min Scan# 846  
Delta R.T. 0.005 min  
Lab File: BG064540.D  
Acq: 17 Oct 2025 17:51

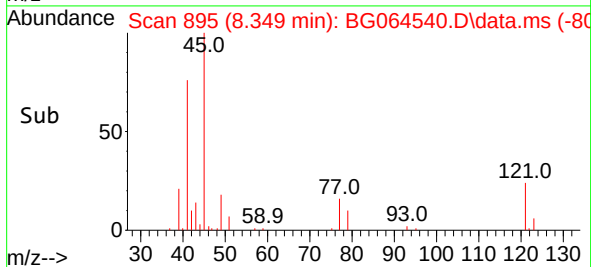
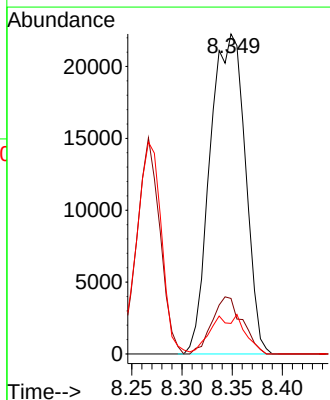
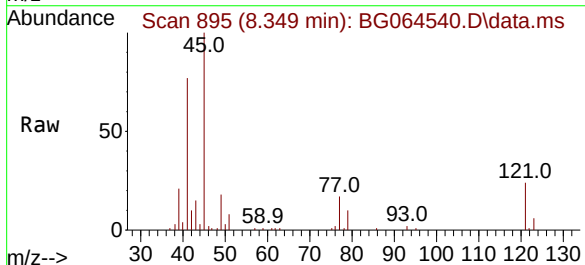
Instrument :  
BNA\_G  
ClientSampleId :  
COMP01-20251015MSD

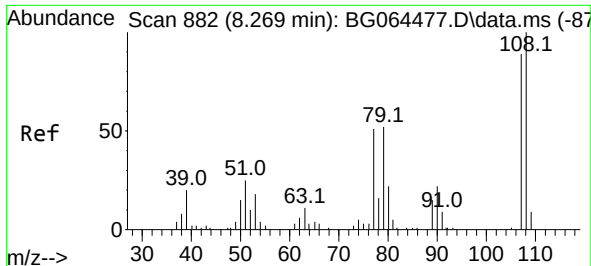
Tgt Ion: 79 Resp: 48186  
Ion Ratio Lower Upper  
79 100  
108 63.8 56.4 84.6  
77 63.1 58.3 87.5



#16  
2,2'-oxybis(1-Chloropropane)  
Concen: 49.858 ng  
RT: 8.349 min Scan# 895  
Delta R.T. 0.011 min  
Lab File: BG064540.D  
Acq: 17 Oct 2025 17:51

Tgt Ion: 45 Resp: 54022  
Ion Ratio Lower Upper  
45 100  
77 17.4 0.0 35.6  
79 9.6 0.0 30.7

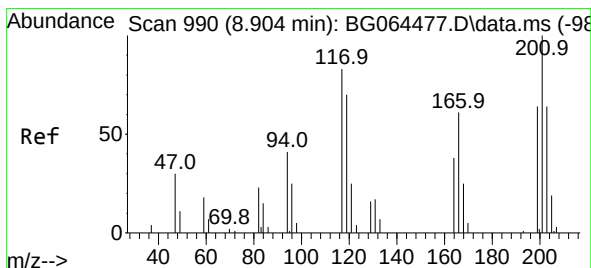
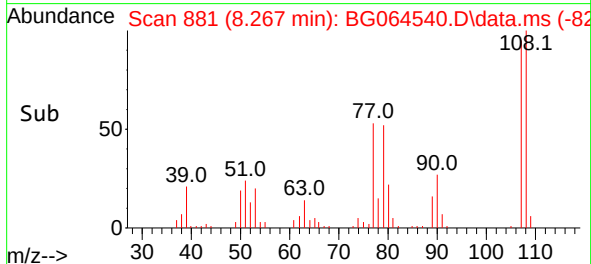
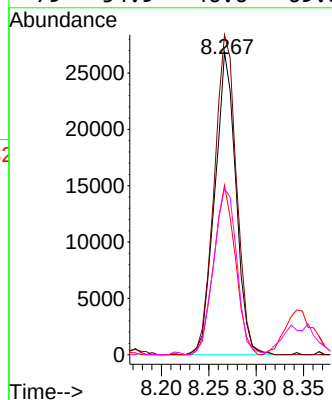
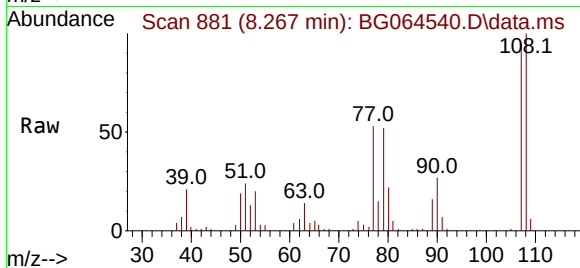




#17  
2-Methylphenol  
Concen: 58.047 ng  
RT: 8.267 min Scan# 81  
Delta R.T. 0.005 min  
Lab File: BG064540.D  
Acq: 17 Oct 2025 17:51

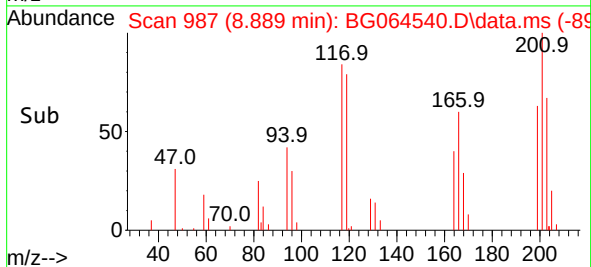
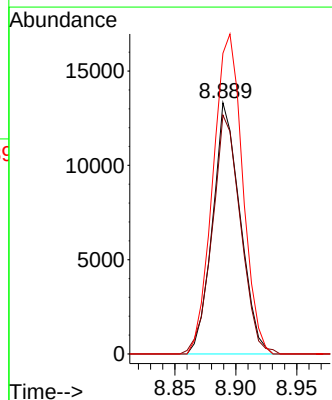
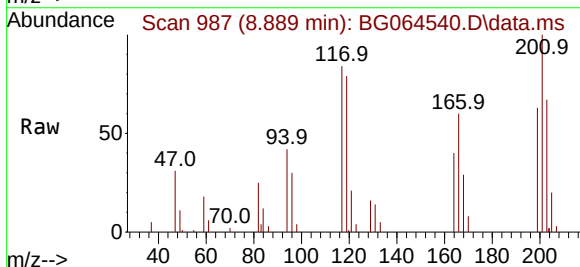
Instrument :  
BNA\_G  
ClientSampleId :  
COMP01-20251015MSD

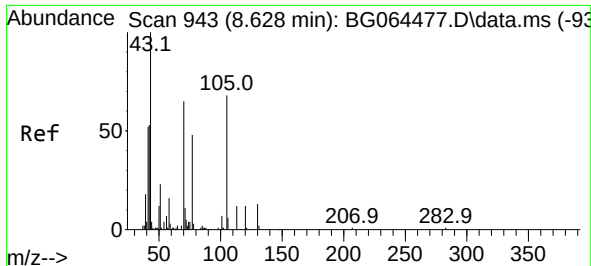
|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 107   | Resp: | 41721 |
| Ion      | Ratio | Lower | Upper |
| 107      | 100   |       |       |
| 108      | 105.8 | 90.3  | 135.5 |
| 77       | 56.0  | 46.0  | 69.0  |
| 79       | 54.9  | 46.6  | 69.8  |



#18  
Hexachloroethane  
Concen: 56.067 ng  
RT: 8.889 min Scan# 987  
Delta R.T. -0.006 min  
Lab File: BG064540.D  
Acq: 17 Oct 2025 17:51

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 117   | Resp: | 20890 |
| Ion      | Ratio | Lower | Upper |
| 117      | 100   |       |       |
| 119      | 95.1  | 67.4  | 101.0 |
| 201      | 119.7 | 95.9  | 143.9 |

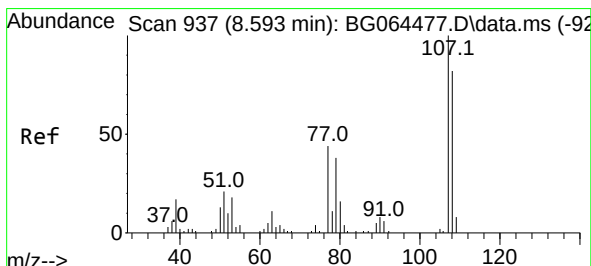
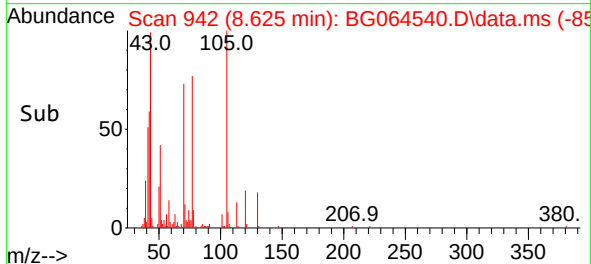
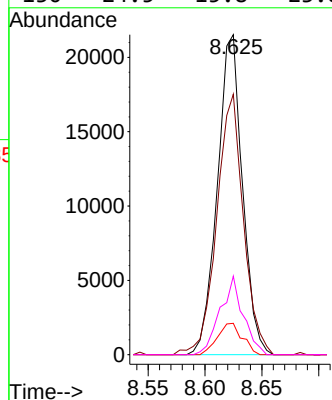
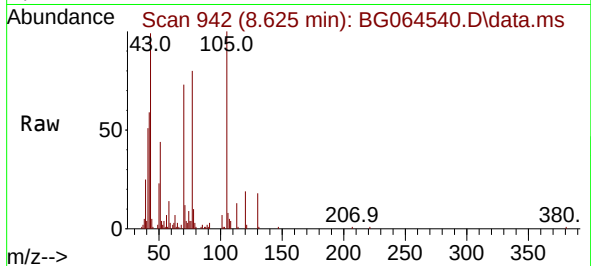




#19  
n-Nitroso-di-n-propylamine  
Concen: 52.578 ng  
RT: 8.625 min Scan# 943  
Delta R.T. 0.011 min  
Lab File: BG064540.D  
Acq: 17 Oct 2025 17:51

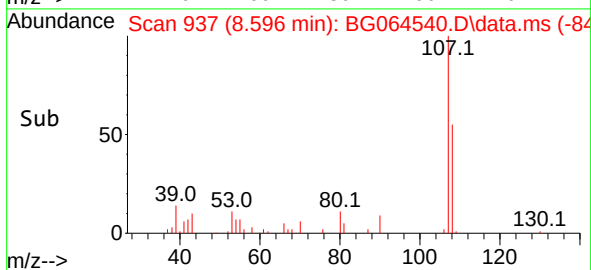
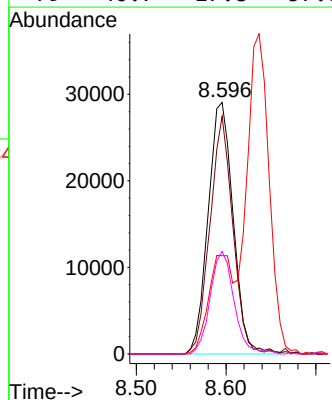
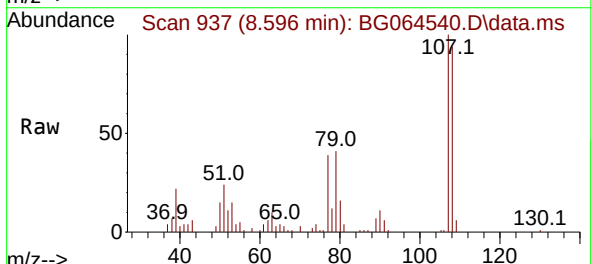
Instrument :  
BNA\_G  
ClientSampleId :  
COMP01-20251015MSD

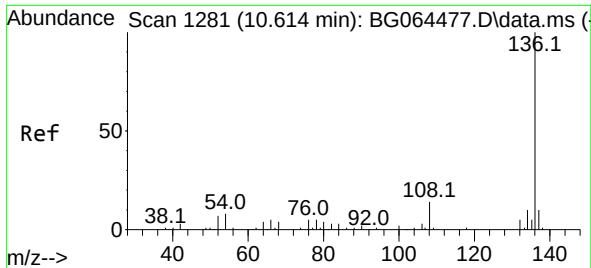
Tgt Ion: 70 Resp: 33086  
Ion Ratio Lower Upper  
70 100  
42 81.4 64.9 97.3  
101 9.8 8.7 13.1  
130 24.5 15.8 23.8#



#20  
3+4-Methylphenols  
Concen: 55.982 ng  
RT: 8.596 min Scan# 937  
Delta R.T. 0.005 min  
Lab File: BG064540.D  
Acq: 17 Oct 2025 17:51

Tgt Ion: 107 Resp: 56150  
Ion Ratio Lower Upper  
107 100  
108 94.4 62.1 102.1  
77 39.1 23.5 63.5  
79 40.7 17.8 57.8

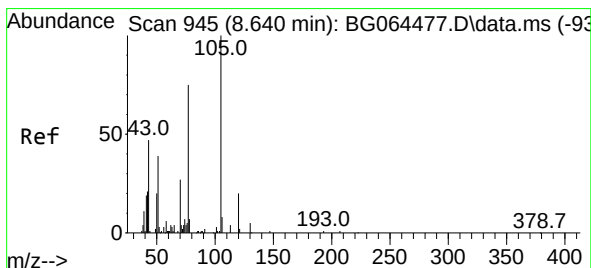
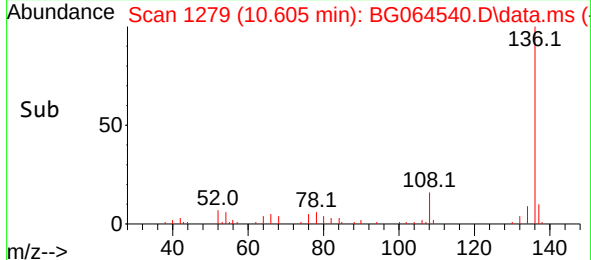
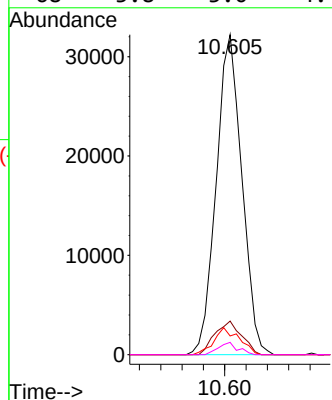
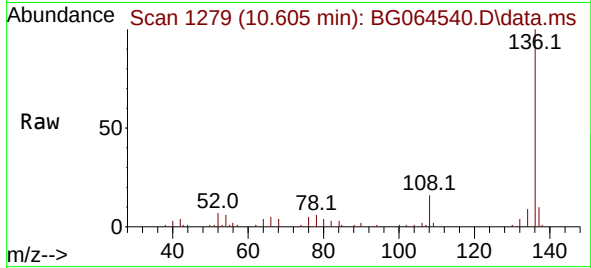




#21  
Naphthalene-d8  
Concen: 20.000 ng  
RT: 10.605 min Scan# 11  
Delta R.T. -0.000 min  
Lab File: BG064540.D  
Acq: 17 Oct 2025 17:51

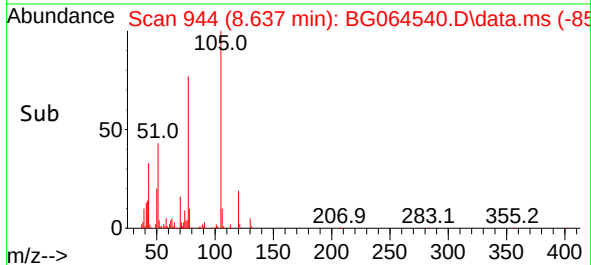
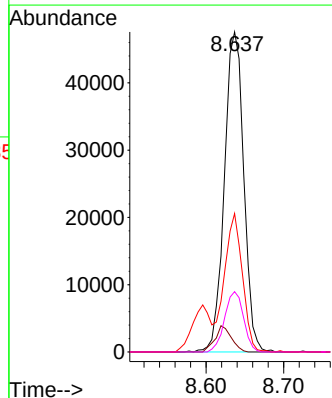
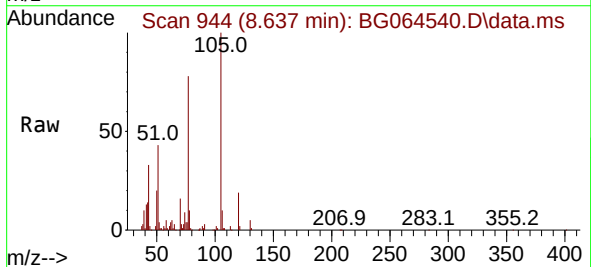
Instrument :  
BNA\_G  
ClientSampleId :  
COMP01-20251015MSD

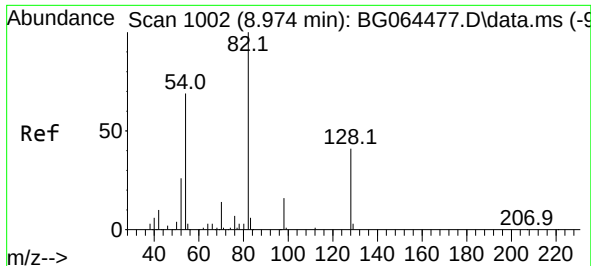
|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 136   | Resp: | 53760 |
| Ion Ratio | Lower | Upper |       |
| 136       | 100   |       |       |
| 137       | 10.5  | 8.3   | 12.5  |
| 54        | 5.9   | 6.2   | 9.4#  |
| 68        | 3.8   | 3.0   | 4.4   |



#22  
Acetophenone  
Concen: 63.695 ng  
RT: 8.637 min Scan# 944  
Delta R.T. 0.005 min  
Lab File: BG064540.D  
Acq: 17 Oct 2025 17:51

|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 105   | Resp: | 82910 |
| Ion Ratio | Lower | Upper |       |
| 105       | 100   |       |       |
| 71        | 2.9   | 2.8   | 4.2   |
| 51        | 43.3  | 33.0  | 49.4  |
| 120       | 18.8  | 15.8  | 23.6  |

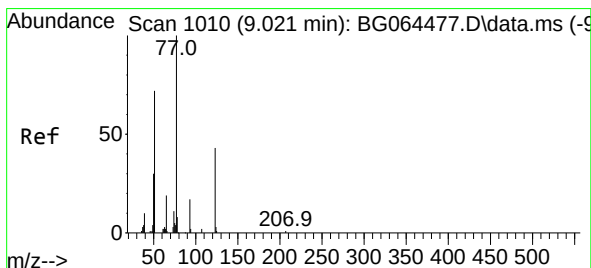
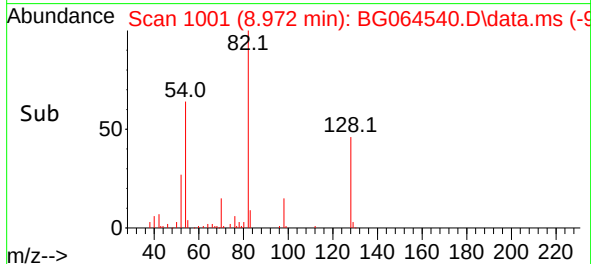
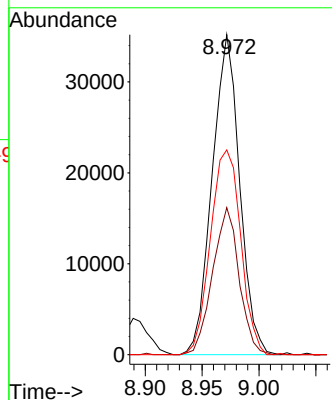
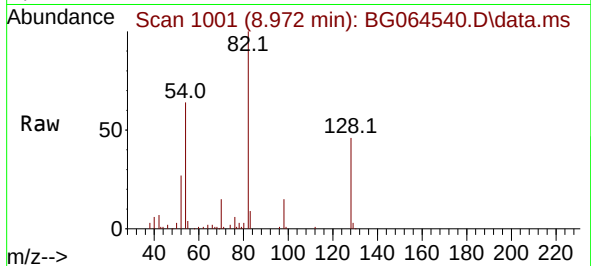




#23  
Nitrobenzene-d5  
Concen: 59.136 ng  
RT: 8.972 min Scan# 1002  
Delta R.T. 0.005 min  
Lab File: BG064540.D  
Acq: 17 Oct 2025 17:51

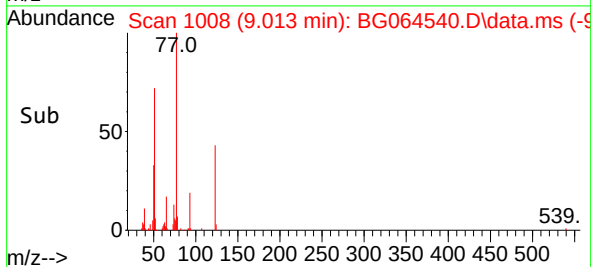
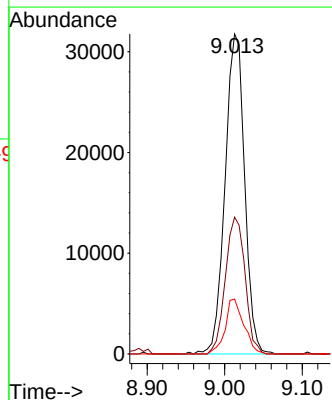
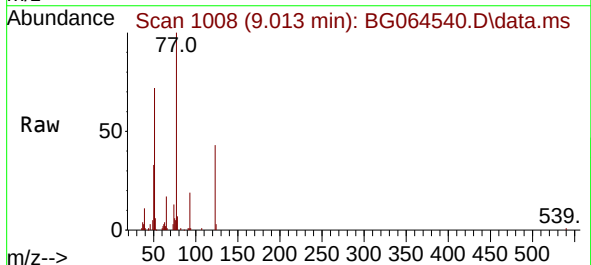
Instrument :  
BNA\_G  
ClientSampleId :  
COMP01-20251015MSD

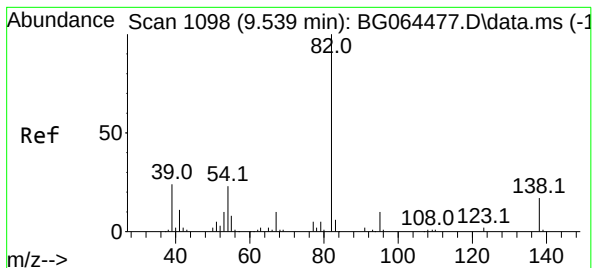
Tgt Ion: 82 Resp: 59125  
Ion Ratio Lower Upper  
82 100  
128 45.9 33.1 49.7  
54 64.0 55.4 83.2



#24  
Nitrobenzene  
Concen: 55.920 ng  
RT: 9.013 min Scan# 1008  
Delta R.T. -0.000 min  
Lab File: BG064540.D  
Acq: 17 Oct 2025 17:51

Tgt Ion: 77 Resp: 55754  
Ion Ratio Lower Upper  
77 100  
123 42.8 34.4 51.6  
65 17.1 14.8 22.2





#25

Isophorone

Concen: 53.888 ng

RT: 9.541 min Scan# 1109

Delta R.T. 0.011 min

Lab File: BG064540.D

Acq: 17 Oct 2025 17:51

Instrument :

BNA\_G

ClientSampleId :

COMP01-20251015MSD

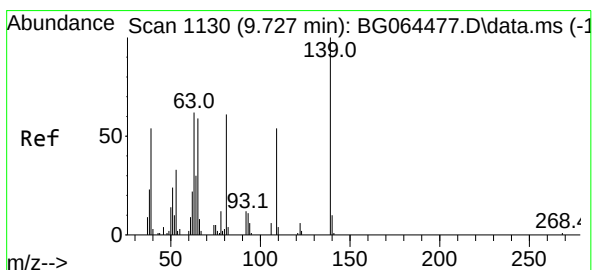
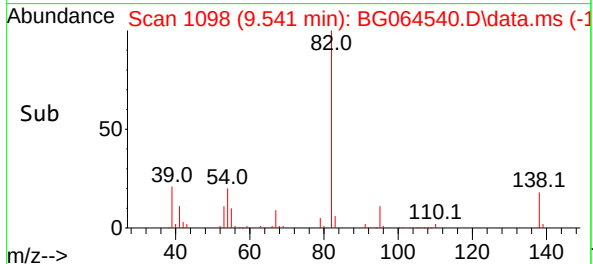
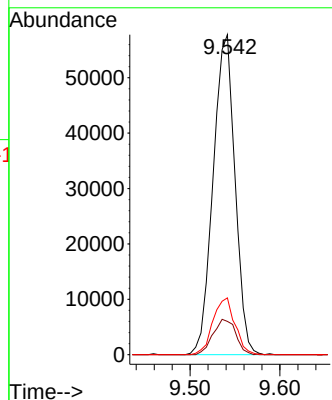
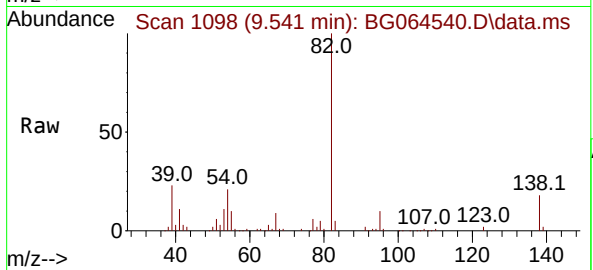
Tgt Ion: 82 Resp: 97604

Ion Ratio Lower Upper

82 100

95 10.4 7.8 11.8

138 17.8 13.8 20.6



#26

2-Nitrophenol

Concen: 55.798 ng

RT: 9.724 min Scan# 1129

Delta R.T. 0.005 min

Lab File: BG064540.D

Acq: 17 Oct 2025 17:51

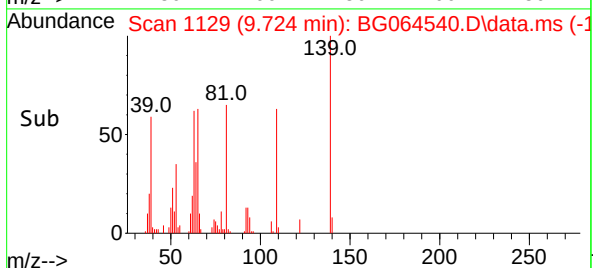
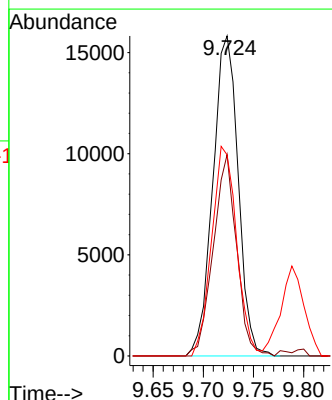
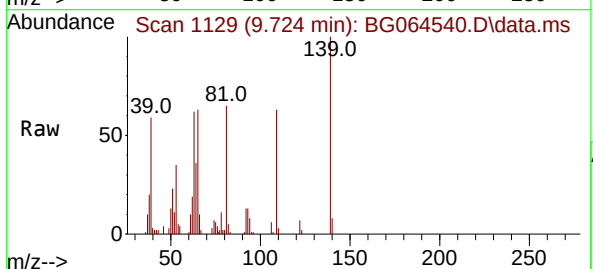
Tgt Ion:139 Resp: 27688

Ion Ratio Lower Upper

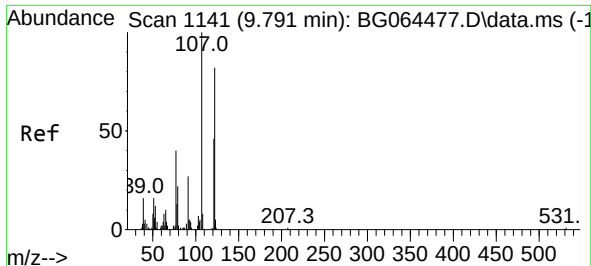
139 100

109 62.9 43.0 64.6

65 62.8 47.4 71.2







#27

2,4-Dimethylphenol

Concen: 64.460 ng

RT: 9.788 min Scan# 1141

Delta R.T. 0.005 min

Lab File: BG064540.D

Acq: 17 Oct 2025 17:51

Instrument :

BNA\_G

ClientSampleId :

COMP01-20251015MSD

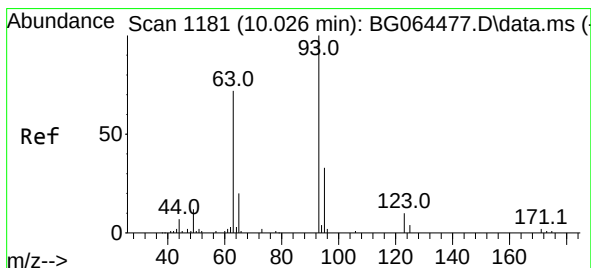
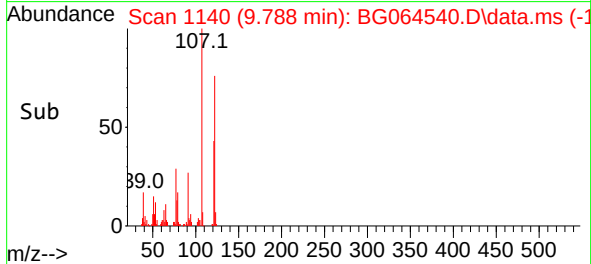
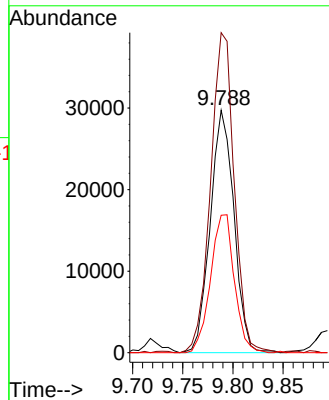
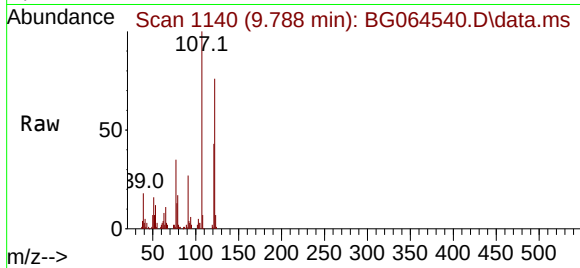
Tgt Ion:122 Resp: 48855

Ion Ratio Lower Upper

122 100

107 132.0 98.3 147.5

121 56.7 44.7 67.1



#28

bis(2-Chloroethoxy)methane

Concen: 54.706 ng

RT: 10.017 min Scan# 1179

Delta R.T. -0.000 min

Lab File: BG064540.D

Acq: 17 Oct 2025 17:51

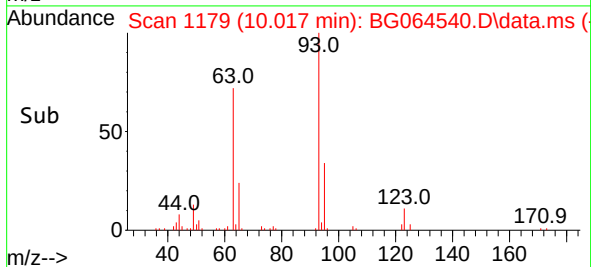
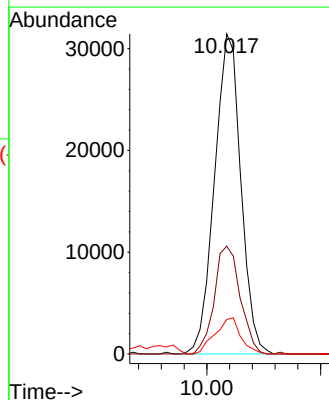
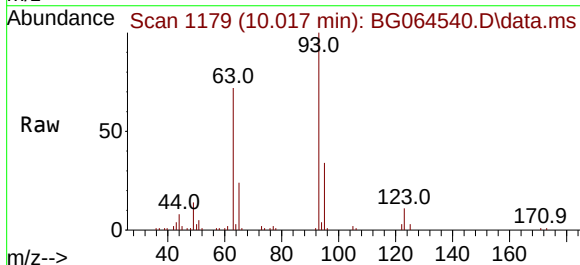
Tgt Ion: 93 Resp: 50508

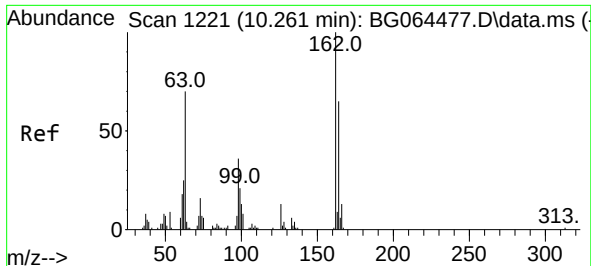
Ion Ratio Lower Upper

93 100

95 33.7 26.5 39.7

123 10.8 8.9 13.3





#29

2,4-Dichlorophenol

Concen: 59.377 ng

RT: 10.258 min Scan# 11

Delta R.T. -0.000 min

Lab File: BG064540.D

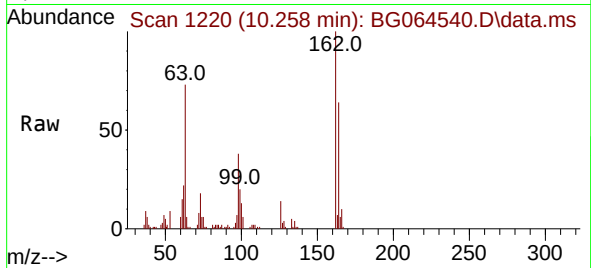
Acq: 17 Oct 2025 17:51

Instrument :

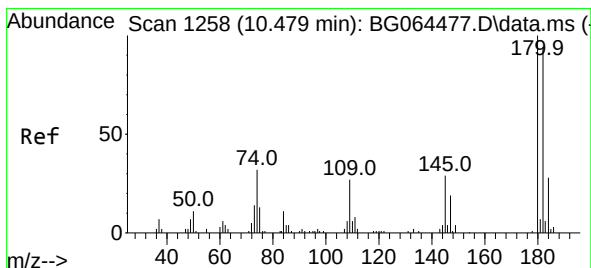
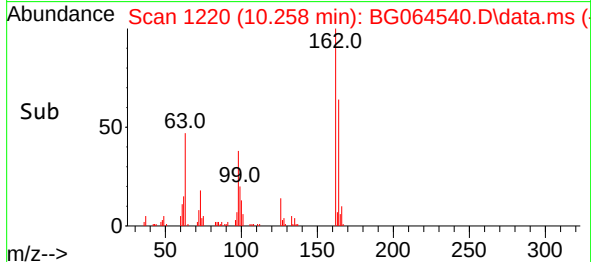
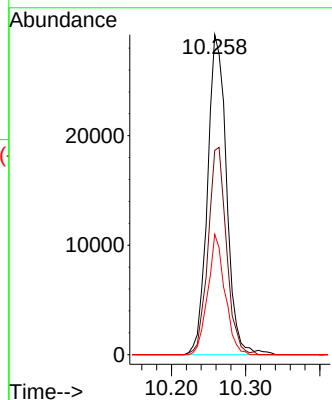
BNA\_G

ClientSampleId :

COMP01-20251015MSD



|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 162   | Resp: | 52040 |
| Ion Ratio | Lower | Upper |       |
| 162       | 100   |       |       |
| 164       | 63.8  | 45.4  | 85.4  |
| 98        | 37.6  | 16.4  | 56.4  |



#30

1,2,4-Trichlorobenzene

Concen: 61.496 ng

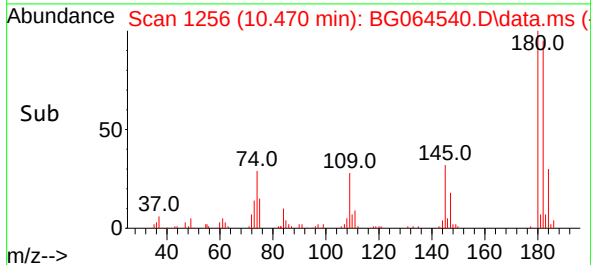
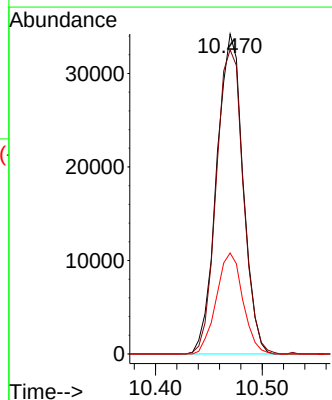
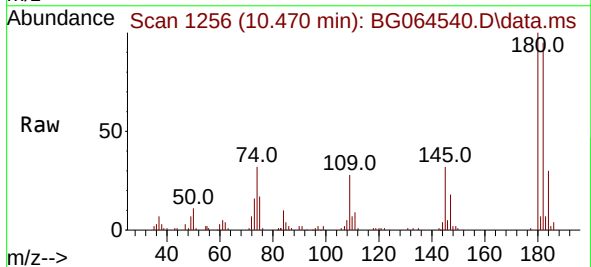
RT: 10.470 min Scan# 1256

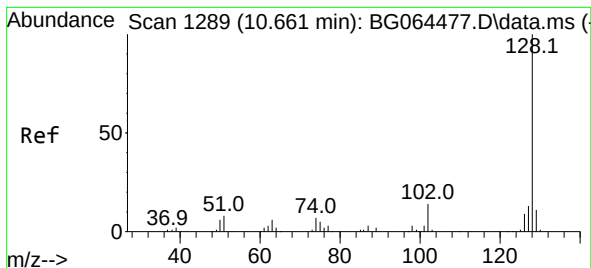
Delta R.T. -0.000 min

Lab File: BG064540.D

Acq: 17 Oct 2025 17:51

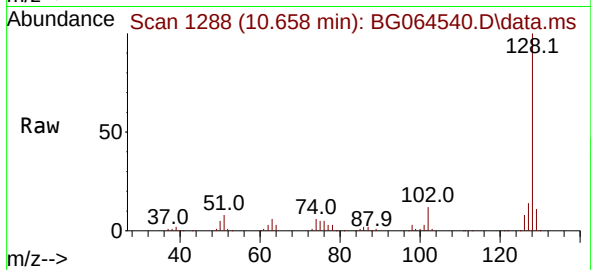
|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 180   | Resp: | 58767 |
| Ion Ratio | Lower | Upper |       |
| 180       | 100   |       |       |
| 182       | 95.0  | 75.4  | 113.2 |
| 145       | 31.5  | 23.2  | 34.8  |



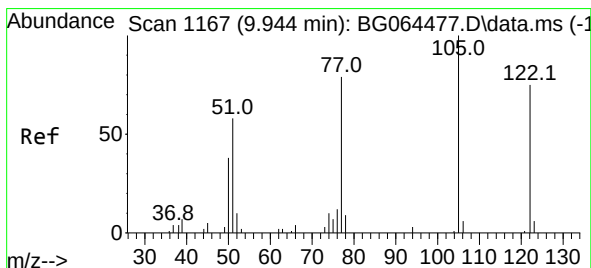
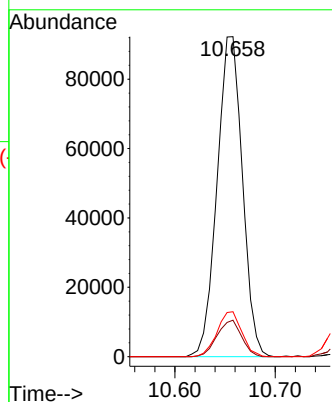
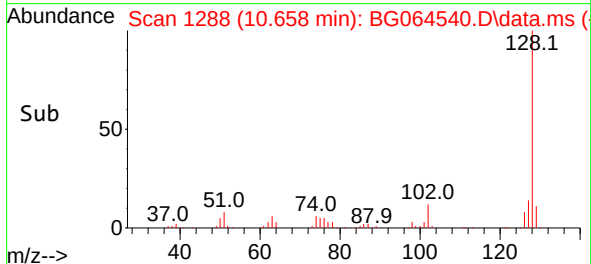


#31  
Naphthalene  
Concen: 58.439 ng  
RT: 10.658 min Scan# 1169  
Delta R.T. 0.005 min  
Lab File: BG064540.D  
Acq: 17 Oct 2025 17:51

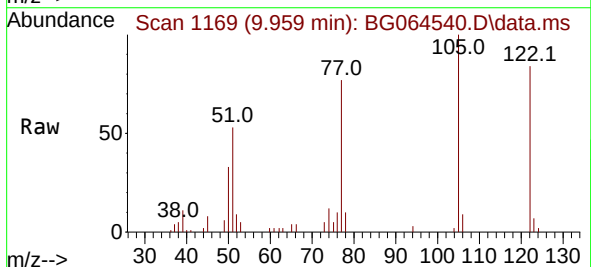
Instrument :  
BNA\_G  
ClientSampleId :  
COMP01-20251015MSD



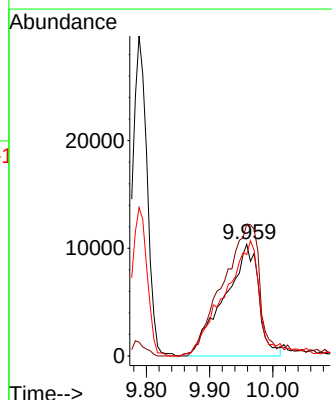
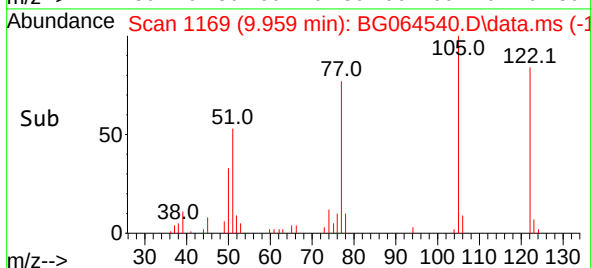
Tgt Ion:128 Resp: 161782  
Ion Ratio Lower Upper  
128 100  
129 11.4 8.7 13.1  
127 14.1 10.2 15.2

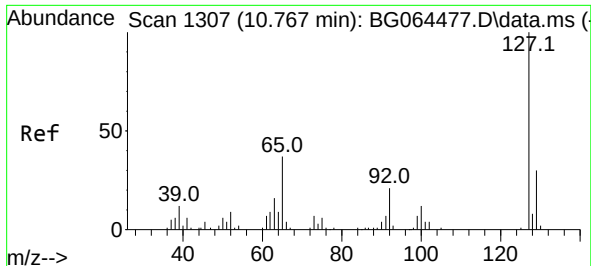


#32  
Benzoic acid  
Concen: 67.122 ng  
RT: 9.959 min Scan# 1169  
Delta R.T. 0.070 min  
Lab File: BG064540.D  
Acq: 17 Oct 2025 17:51



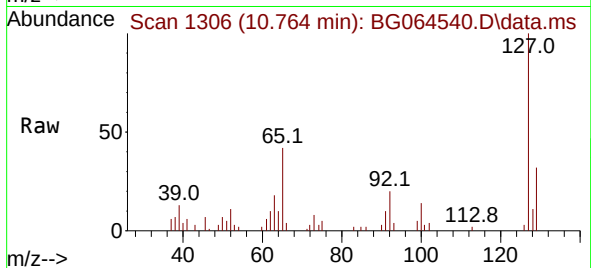
Tgt Ion:122 Resp: 39058  
Ion Ratio Lower Upper  
122 100  
105 118.4 113.9 153.9  
77 91.0 86.1 126.1



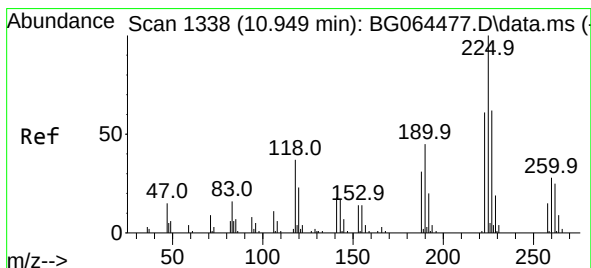
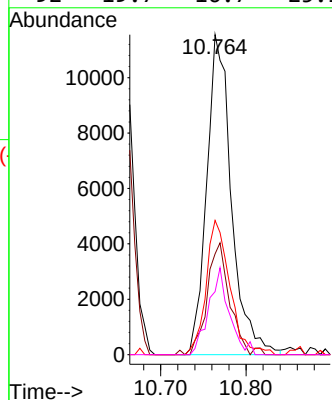
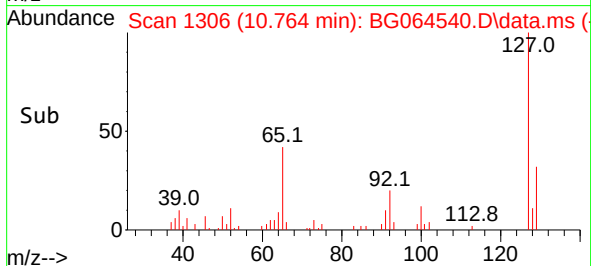


#33  
4-Chloroaniline  
Concen: 21.925 ng  
RT: 10.764 min Scan# 11  
Delta R.T. -0.000 min  
Lab File: BG064540.D  
Acq: 17 Oct 2025 17:51

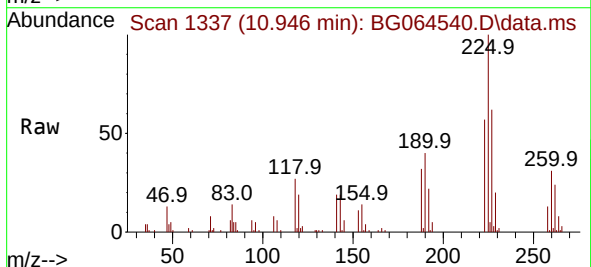
Instrument :  
BNA\_G  
ClientSampleId :  
COMP01-20251015MSD



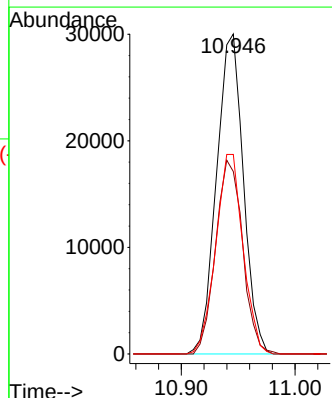
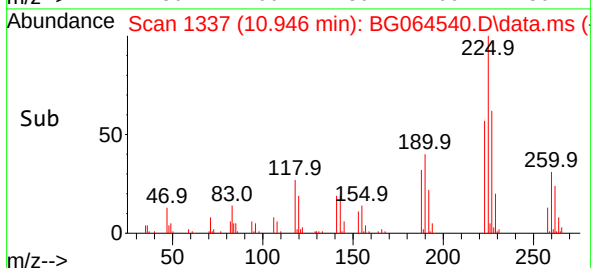
|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 127   | Resp: | 23291 |
| Ion      | Ratio | Lower | Upper |
| 127      | 100   |       |       |
| 129      | 31.5  | 24.2  | 36.4  |
| 65       | 41.9  | 29.6  | 44.4  |
| 92       | 19.7  | 16.7  | 25.1  |

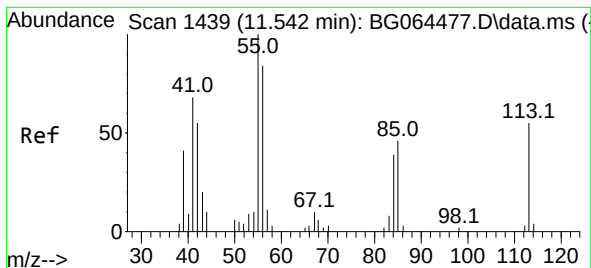


#34  
Hexachlorobutadiene  
Concen: 60.147 ng  
RT: 10.946 min Scan# 1337  
Delta R.T. -0.000 min  
Lab File: BG064540.D  
Acq: 17 Oct 2025 17:51



|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 225   | Resp: | 49225 |
| Ion      | Ratio | Lower | Upper |
| 225      | 100   |       |       |
| 223      | 57.0  | 49.0  | 73.6  |
| 227      | 62.4  | 49.9  | 74.9  |

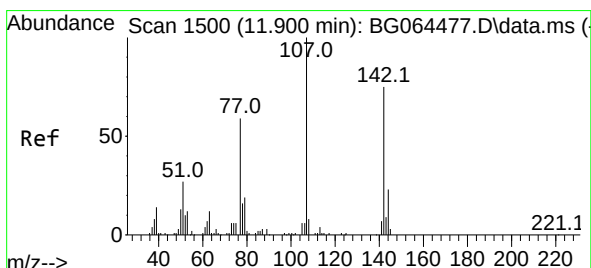
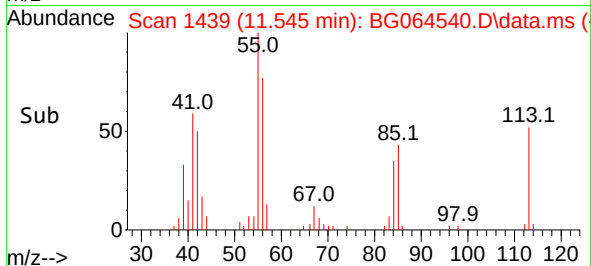
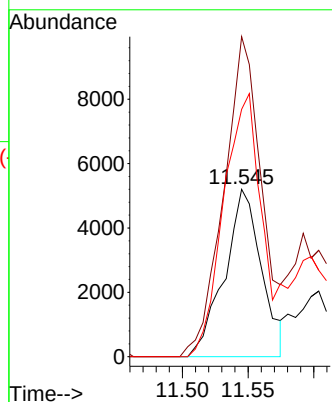
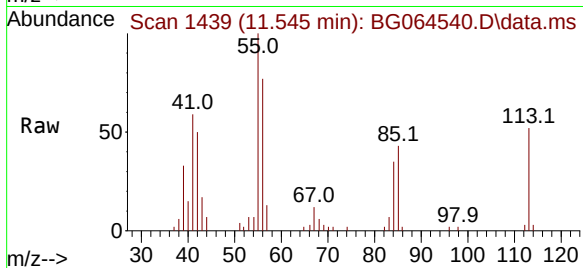




#35  
 Caprolactam  
 Concen: 34.015 ng  
 RT: 11.545 min Scan# 1439  
 Delta R.T. 0.035 min  
 Lab File: BG064540.D  
 Acq: 17 Oct 2025 17:51

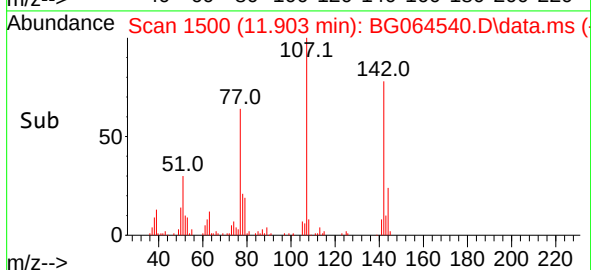
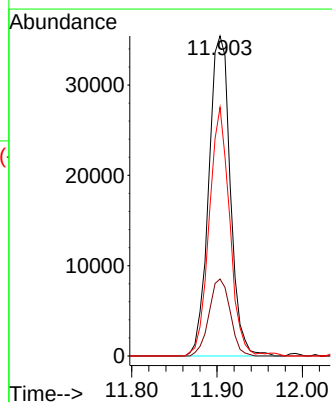
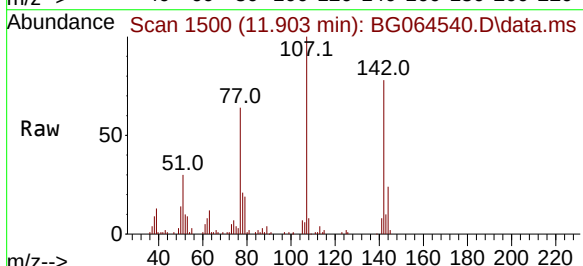
Instrument :  
 BNA\_G  
 ClientSampleId :  
 COMP01-20251015MSD

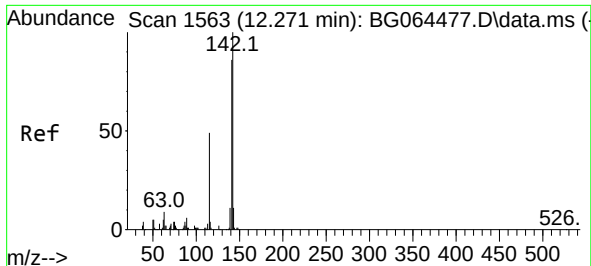
Tgt Ion:113 Resp: 10206  
 Ion Ratio Lower Upper  
 113 100  
 55 191.2 162.0 202.0  
 56 147.8 134.6 174.6



#36  
 4-Chloro-3-methylphenol  
 Concen: 58.297 ng  
 RT: 11.903 min Scan# 1500  
 Delta R.T. 0.011 min  
 Lab File: BG064540.D  
 Acq: 17 Oct 2025 17:51

Tgt Ion:107 Resp: 62134  
 Ion Ratio Lower Upper  
 107 100  
 144 24.1 18.7 28.1  
 142 77.7 60.2 90.2

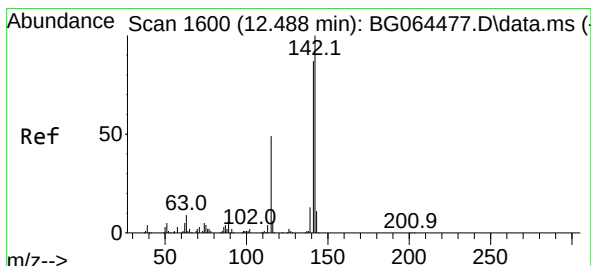
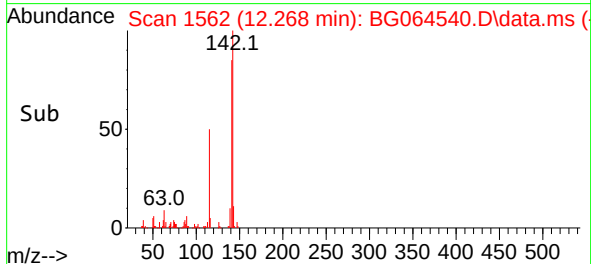
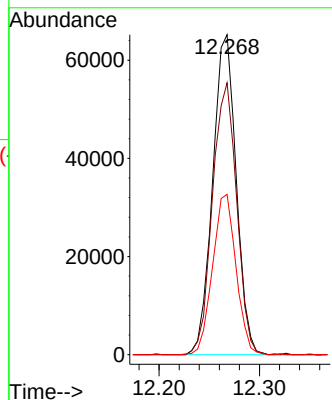
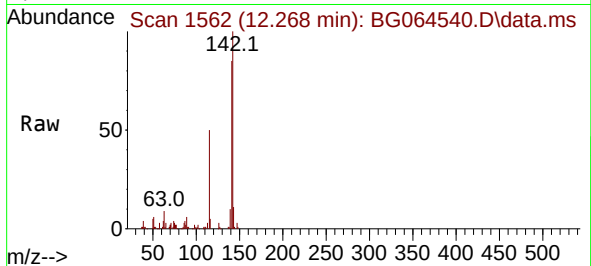




#37  
2-Methylnaphthalene  
Concen: 49.980 ng  
RT: 12.268 min Scan# 1562  
Delta R.T. -0.000 min  
Lab File: BG064540.D  
Acq: 17 Oct 2025 17:51

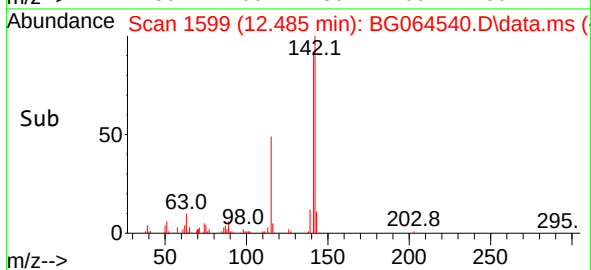
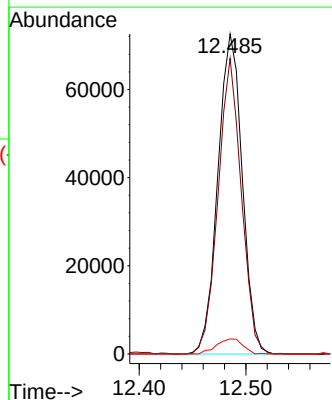
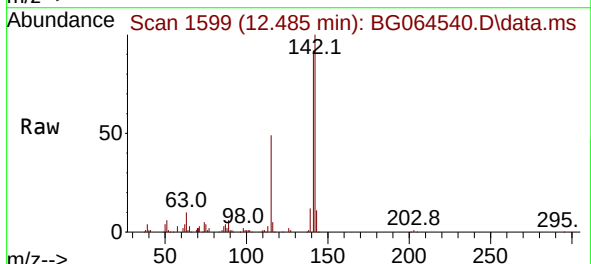
Instrument :  
BNA\_G  
ClientSampleId :  
COMP01-20251015MSD

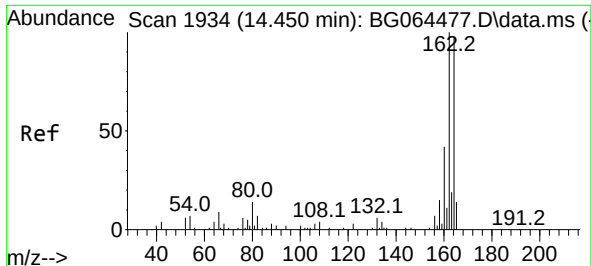
Tgt Ion:142 Resp: 106210  
Ion Ratio Lower Upper  
142 100  
141 84.9 68.7 103.1  
115 50.1 39.3 58.9



#38  
1-Methylnaphthalene  
Concen: 54.289 ng  
RT: 12.485 min Scan# 1599  
Delta R.T. -0.000 min  
Lab File: BG064540.D  
Acq: 17 Oct 2025 17:51

Tgt Ion:142 Resp: 115037  
Ion Ratio Lower Upper  
142 100  
141 92.4 69.8 104.8  
116 4.7 4.6 6.8

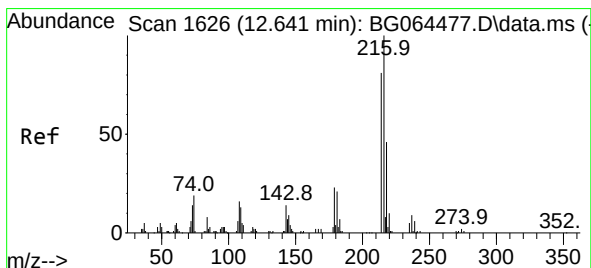
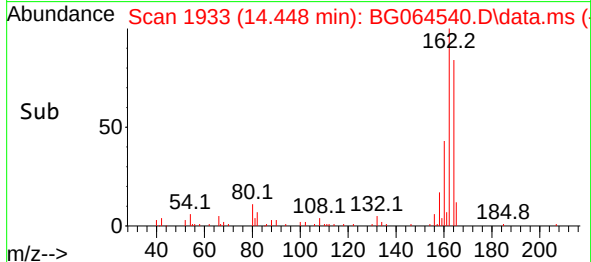
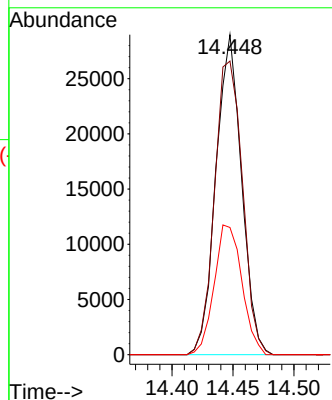
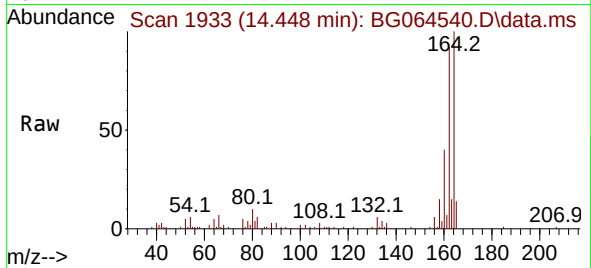




#39  
Acenaphthene-d10  
Concen: 20.000 ng  
RT: 14.448 min Scan# 1933  
Delta R.T. -0.000 min  
Lab File: BG064540.D  
Acq: 17 Oct 2025 17:51

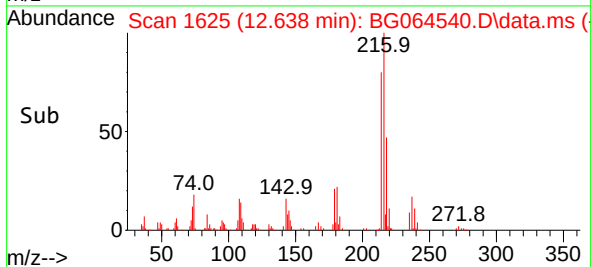
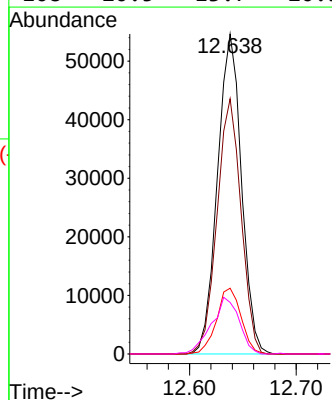
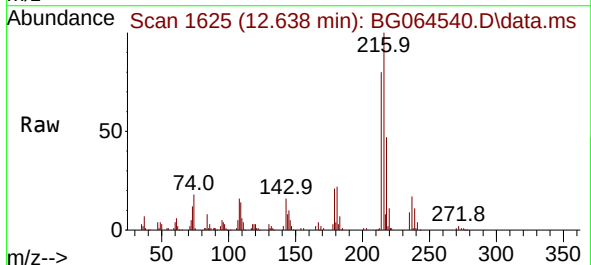
Instrument :  
BNA\_G  
ClientSampleId :  
COMP01-20251015MSD

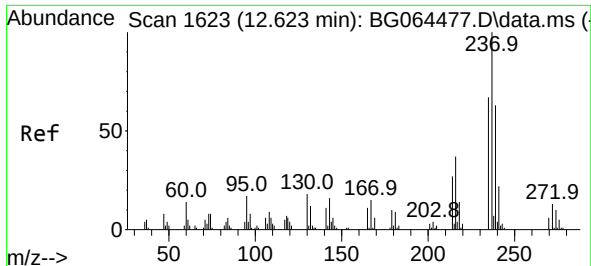
Tgt Ion:164 Resp: 42324  
Ion Ratio Lower Upper  
164 100  
162 91.7 82.2 123.2  
160 39.7 34.3 51.5



#40  
1,2,4,5-Tetrachlorobenzene  
Concen: 62.405 ng  
RT: 12.638 min Scan# 1625  
Delta R.T. -0.000 min  
Lab File: BG064540.D  
Acq: 17 Oct 2025 17:51

Tgt Ion:216 Resp: 85281  
Ion Ratio Lower Upper  
216 100  
214 79.6 62.5 93.7  
179 21.0 17.0 25.6  
108 20.5 13.7 20.5

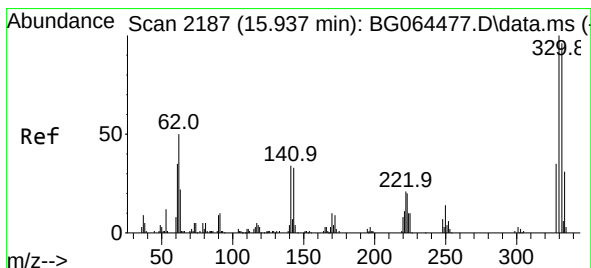
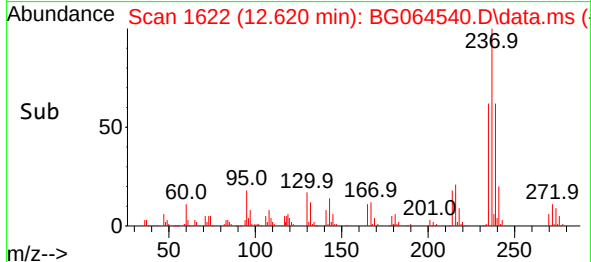
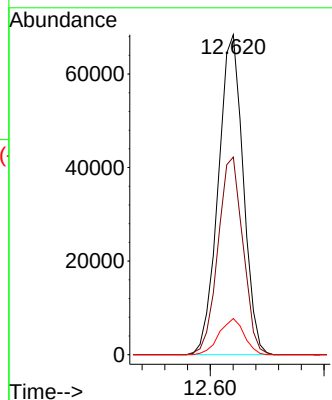
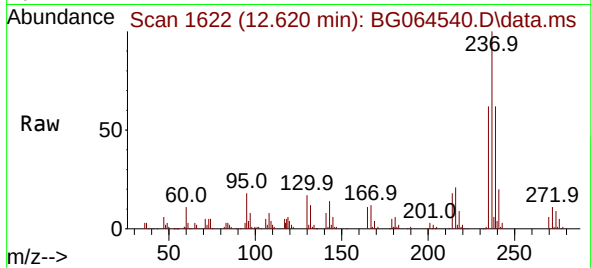




#41  
Hexachlorocyclopentadiene  
Concen: 145.696 ng  
RT: 12.620 min Scan# 1622  
Delta R.T. -0.000 min  
Lab File: BG064540.D  
Acq: 17 Oct 2025 17:51

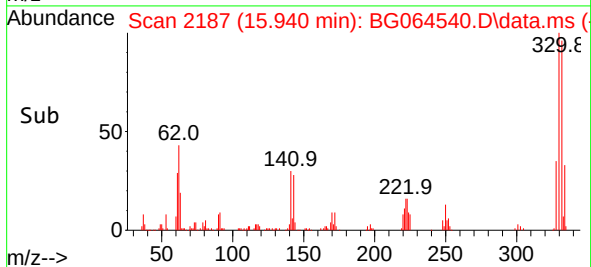
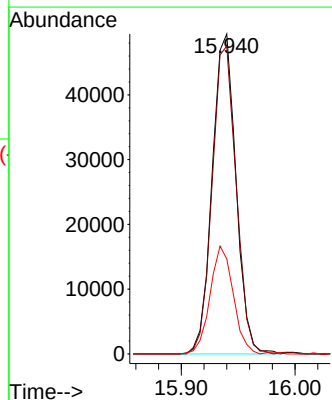
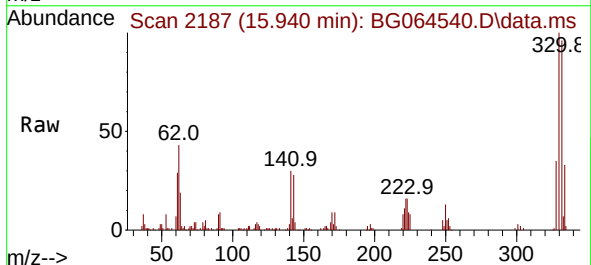
Instrument :  
BNA\_G  
ClientSampleId :  
COMP01-20251015MSD

Tgt Ion:237 Resp: 104149  
Ion Ratio Lower Upper  
237 100  
235 61.8 46.9 86.9  
272 11.3 0.0 32.6

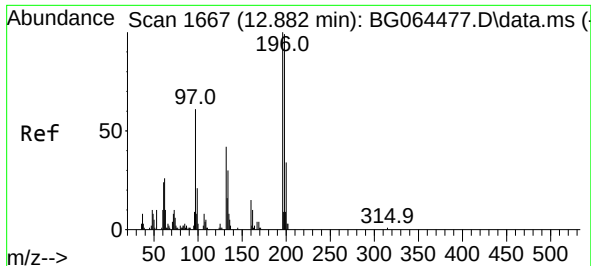


#42  
2,4,6-Tribromophenol  
Concen: 93.454 ng  
RT: 15.940 min Scan# 2187  
Delta R.T. 0.005 min  
Lab File: BG064540.D  
Acq: 17 Oct 2025 17:51

Tgt Ion:330 Resp: 71696  
Ion Ratio Lower Upper  
330 100  
332 97.1 77.4 116.0  
141 32.9 25.8 38.6



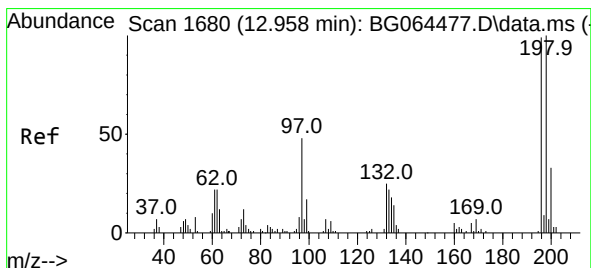
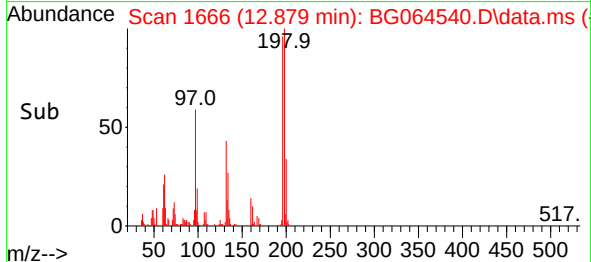
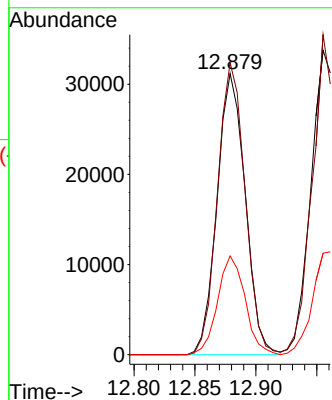
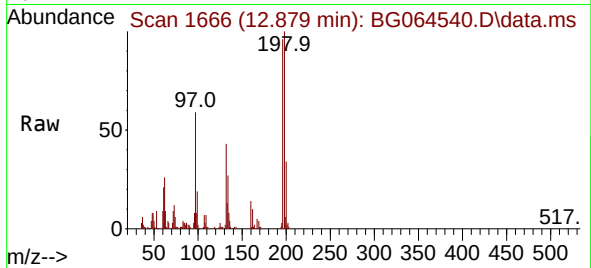




#43  
2,4,6-Trichlorophenol  
Concen: 57.421 ng  
RT: 12.879 min Scan# 1  
Delta R.T. -0.000 min  
Lab File: BG064540.D  
Acq: 17 Oct 2025 17:51

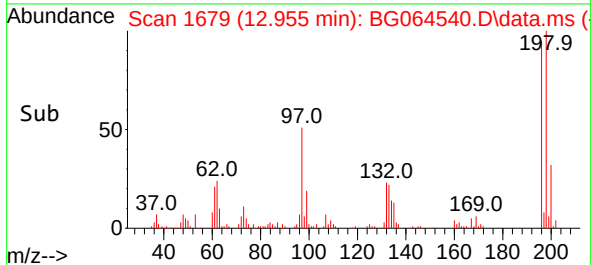
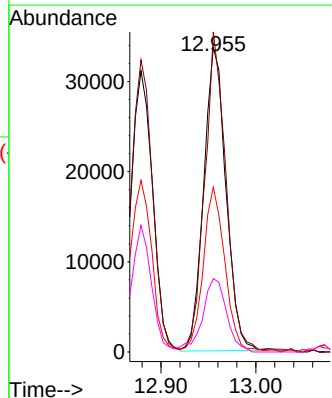
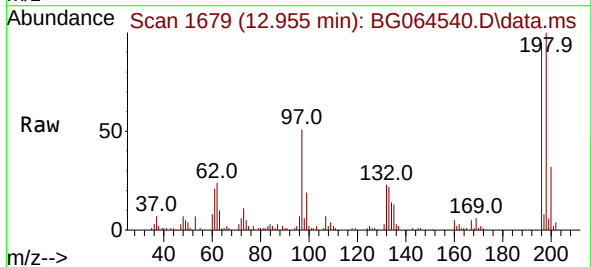
Instrument :  
BNA\_G  
ClientSampleId :  
COMP01-20251015MSD

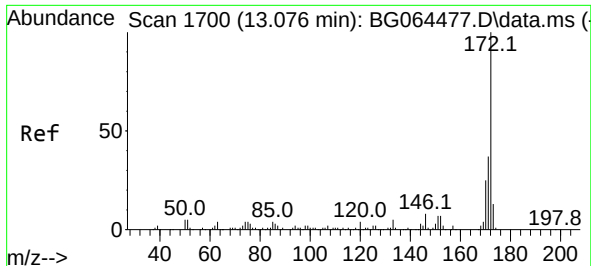
Tgt Ion:196 Resp: 50162  
Ion Ratio Lower Upper  
196 100  
198 103.8 79.3 118.9  
200 35.1 27.4 41.2



#44  
2,4,5-Trichlorophenol  
Concen: 56.296 ng  
RT: 12.955 min Scan# 1679  
Delta R.T. -0.000 min  
Lab File: BG064540.D  
Acq: 17 Oct 2025 17:51

Tgt Ion:196 Resp: 54905  
Ion Ratio Lower Upper  
196 100  
198 105.1 80.3 120.5  
97 54.1 39.4 59.0  
132 24.1 19.8 29.8

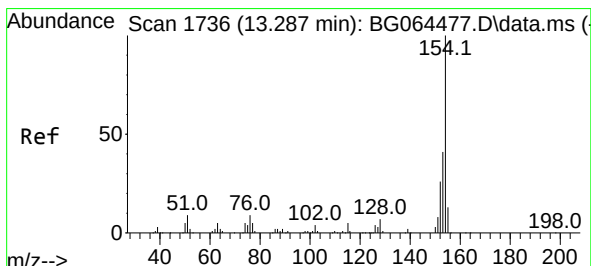
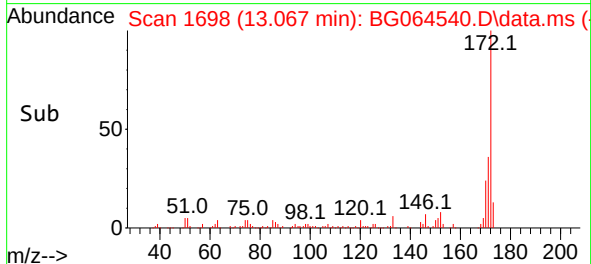
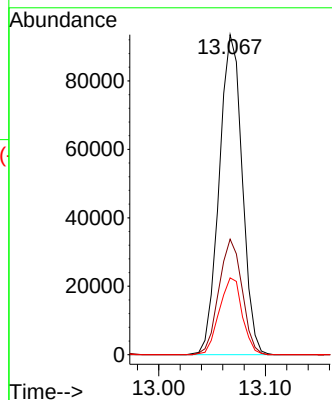
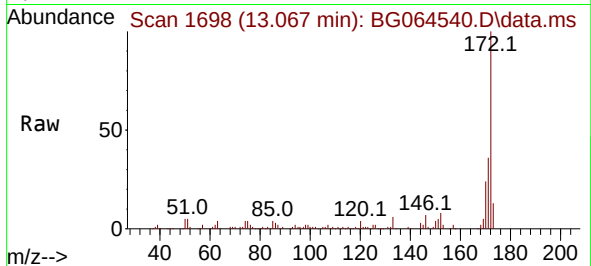




#45  
2-Fluorobiphenyl  
Concen: 48.754 ng  
RT: 13.067 min Scan# 1  
Delta R.T. -0.000 min  
Lab File: BG064540.D  
Acq: 17 Oct 2025 17:51

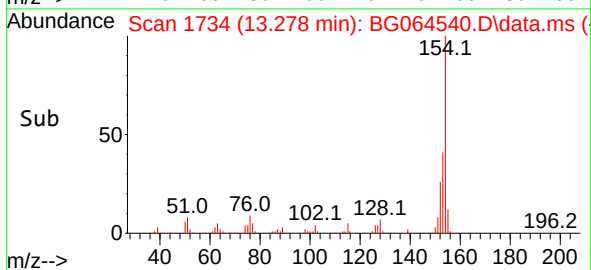
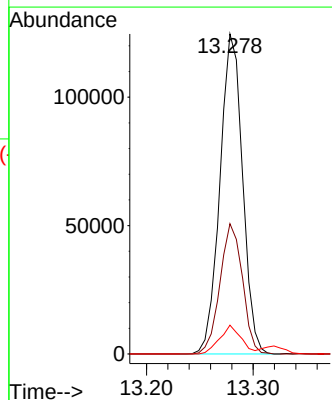
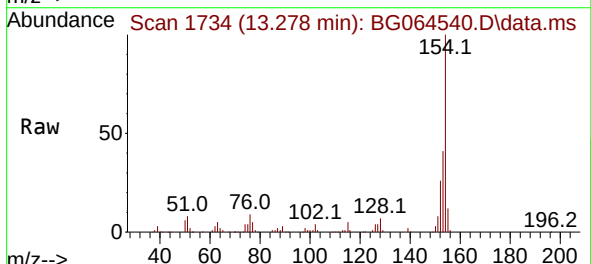
Instrument :  
BNA\_G  
ClientSampleId :  
COMP01-20251015MSD

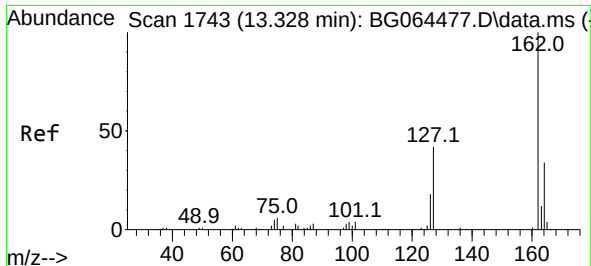
Tgt Ion:172 Resp: 139992  
Ion Ratio Lower Upper  
172 100  
171 36.1 29.6 44.4  
170 24.0 20.2 30.2



#46  
1,1'-Biphenyl  
Concen: 60.226 ng  
RT: 13.278 min Scan# 1734  
Delta R.T. -0.000 min  
Lab File: BG064540.D  
Acq: 17 Oct 2025 17:51

Tgt Ion:154 Resp: 183332  
Ion Ratio Lower Upper  
154 100  
153 40.7 20.7 60.7  
76 9.0 0.0 29.3

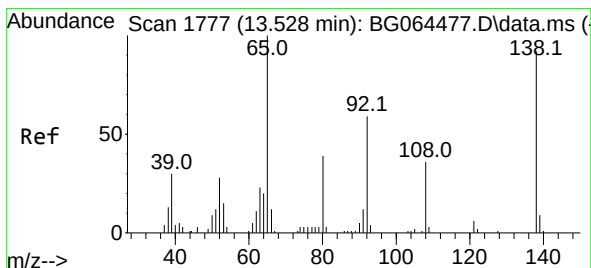
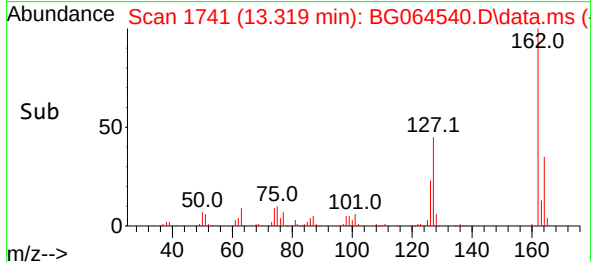
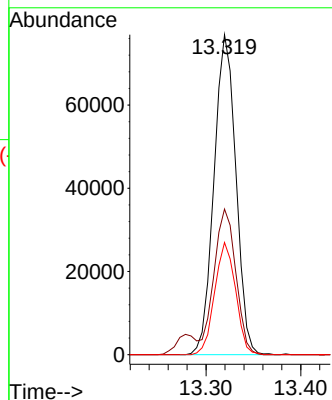
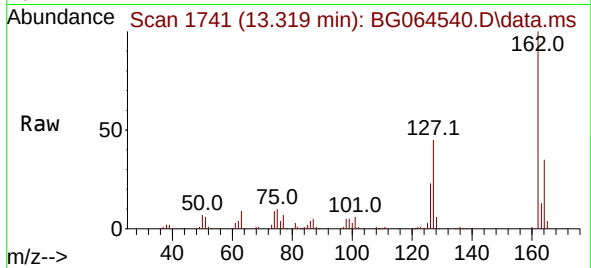




#47  
2-Chloronaphthalene  
Concen: 54.256 ng  
RT: 13.319 min Scan# 1741  
Delta R.T. -0.000 min  
Lab File: BG064540.D  
Acq: 17 Oct 2025 17:51

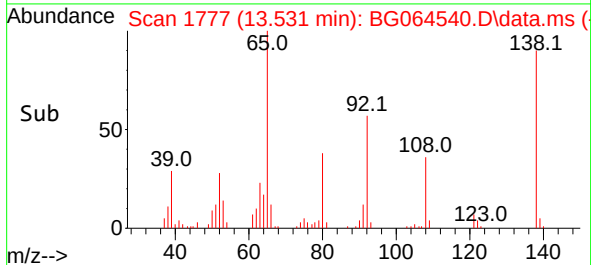
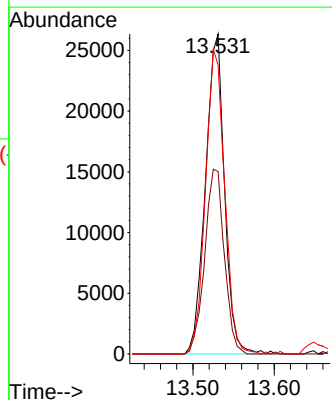
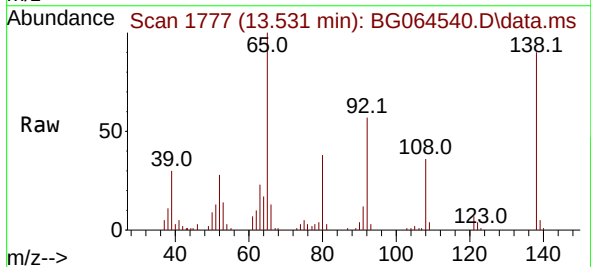
Instrument :  
BNA\_G  
ClientSampleId :  
COMP01-20251015MSD

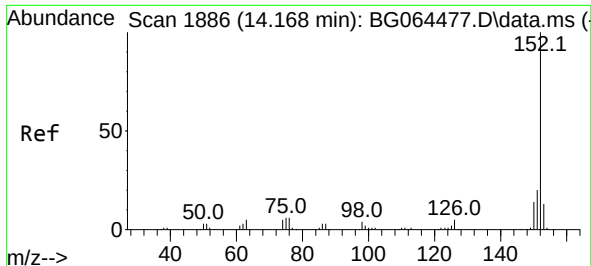
Tgt Ion:162 Resp: 123311  
Ion Ratio Lower Upper  
162 100  
127 45.5 35.8 53.8  
164 35.0 27.2 40.8



#48  
2-Nitroaniline  
Concen: 55.296 ng  
RT: 13.531 min Scan# 1777  
Delta R.T. 0.005 min  
Lab File: BG064540.D  
Acq: 17 Oct 2025 17:51

Tgt Ion: 65 Resp: 42893  
Ion Ratio Lower Upper  
65 100  
92 57.0 47.0 70.6  
138 90.2 73.5 110.3

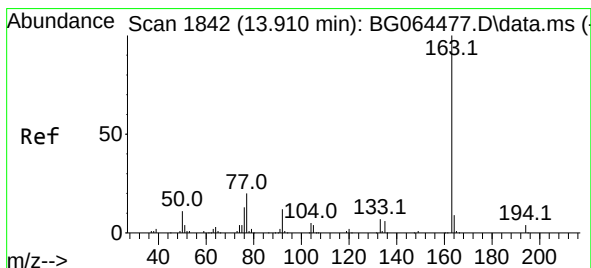
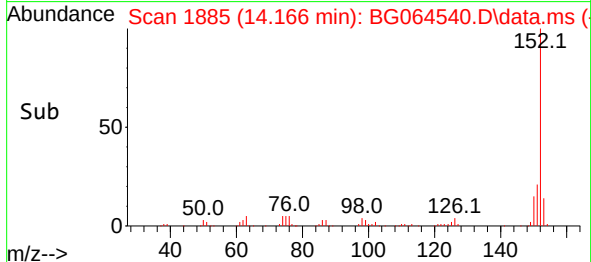
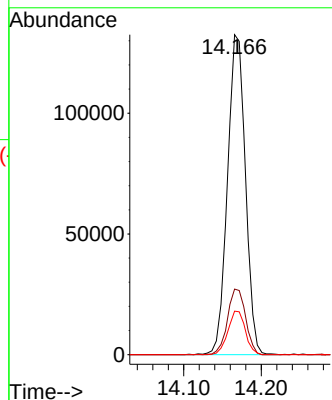
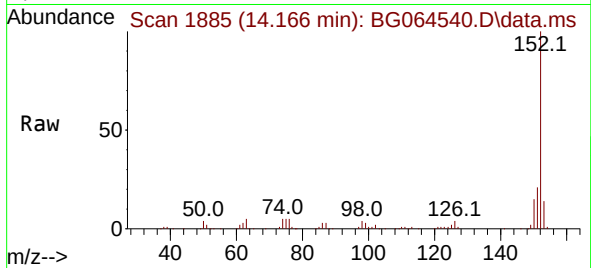




#49  
Acenaphthylene  
Concen: 63.167 ng  
RT: 14.166 min Scan# 11  
Delta R.T. -0.006 min  
Lab File: BG064540.D  
Acq: 17 Oct 2025 17:51

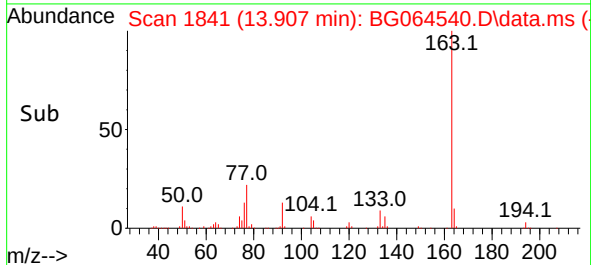
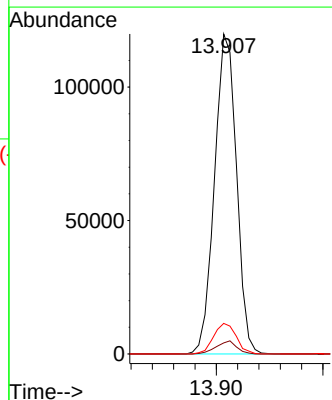
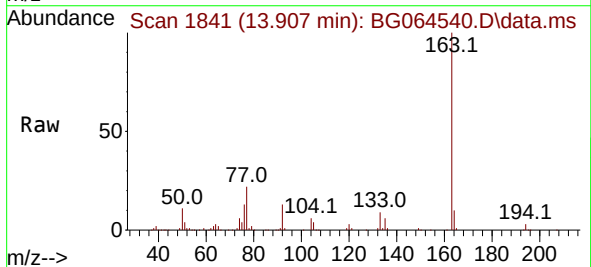
Instrument :  
BNA\_G  
ClientSampleId :  
COMP01-20251015MSD

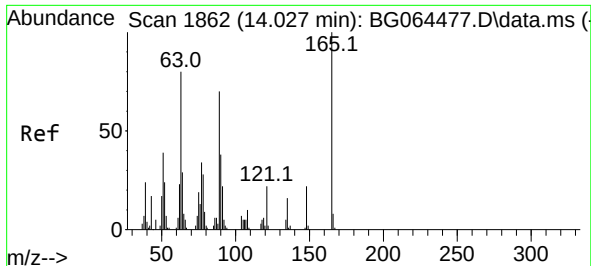
Tgt Ion:152 Resp: 213116  
Ion Ratio Lower Upper  
152 100  
151 20.5 15.8 23.6  
153 13.6 10.6 15.8



#50  
Dimethylphthalate  
Concen: 51.757 ng  
RT: 13.907 min Scan# 1841  
Delta R.T. 0.005 min  
Lab File: BG064540.D  
Acq: 17 Oct 2025 17:51

Tgt Ion:163 Resp: 171566  
Ion Ratio Lower Upper  
163 100  
194 3.5 2.9 4.3  
164 9.6 7.4 11.0

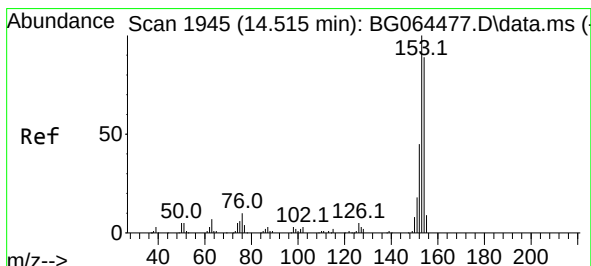
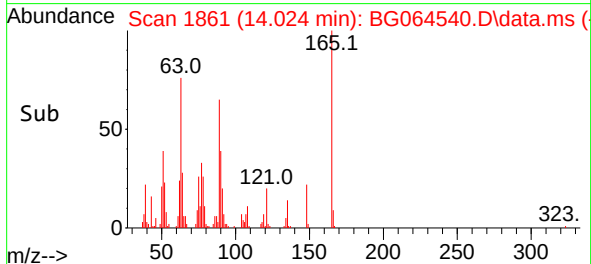
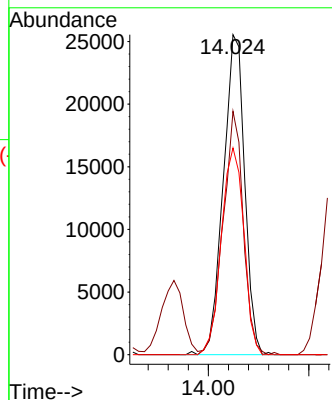
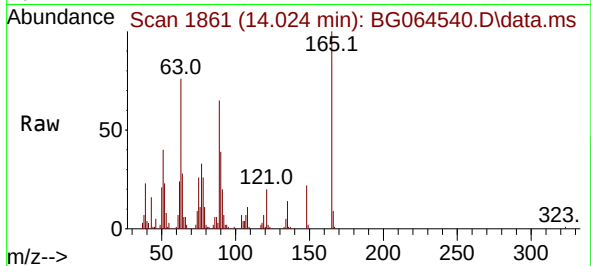




#51  
2,6-Dinitrotoluene  
Concen: 54.581 ng  
RT: 14.024 min Scan# 1861  
Delta R.T. 0.005 min  
Lab File: BG064540.D  
Acq: 17 Oct 2025 17:51

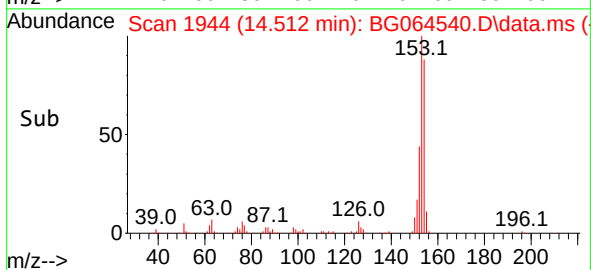
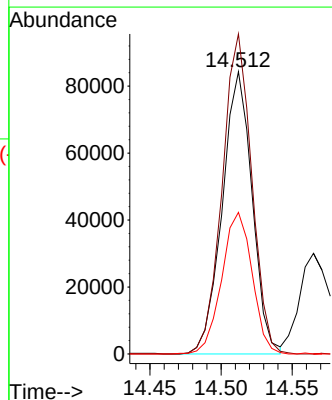
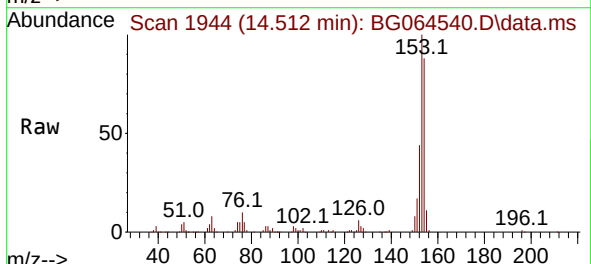
Instrument :  
BNA\_G  
ClientSampleId :  
COMP01-20251015MSD

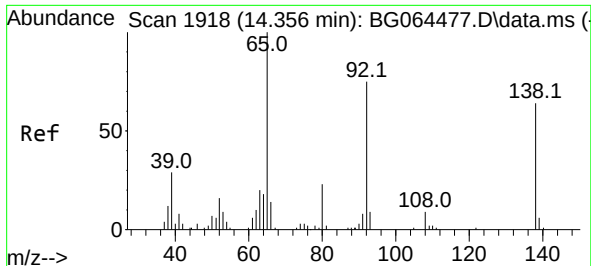
Tgt Ion:165 Resp: 37689  
Ion Ratio Lower Upper  
165 100  
63 76.1 63.9 95.9  
89 64.6 56.1 84.1



#52  
Acenaphthene  
Concen: 52.566 ng  
RT: 14.512 min Scan# 1944  
Delta R.T. -0.000 min  
Lab File: BG064540.D  
Acq: 17 Oct 2025 17:51

Tgt Ion:154 Resp: 123214  
Ion Ratio Lower Upper  
154 100  
153 113.4 90.2 135.4  
152 50.2 40.2 60.4

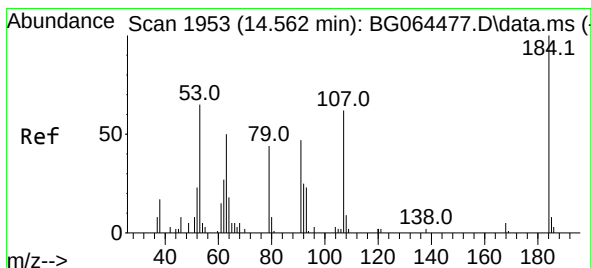
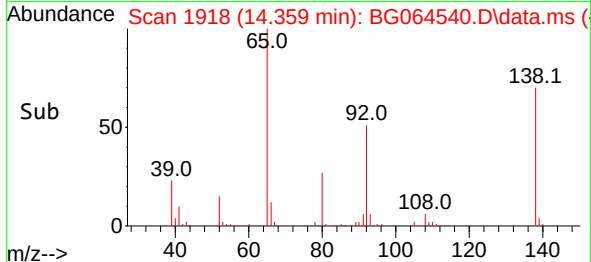
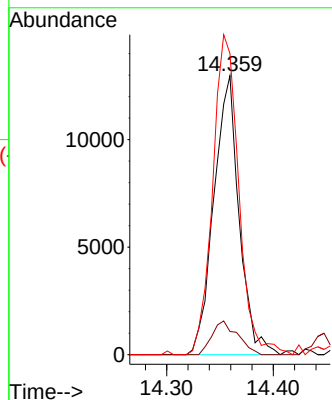
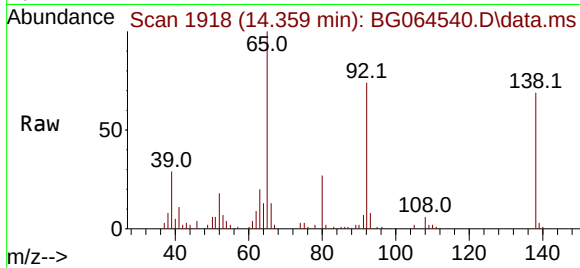




#53  
3-Nitroaniline  
Concen: 33.537 ng  
RT: 14.359 min Scan# 1918  
Delta R.T. 0.011 min  
Lab File: BG064540.D  
Acq: 17 Oct 2025 17:51

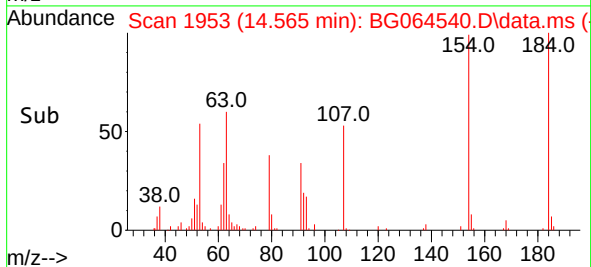
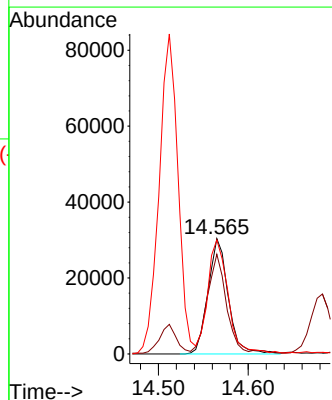
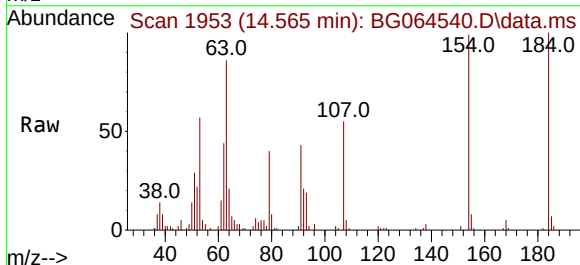
Instrument :  
BNA\_G  
ClientSampleId :  
COMP01-20251015MSD

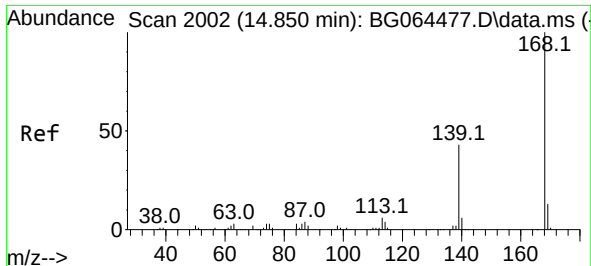
Tgt Ion:138 Resp: 21357  
Ion Ratio Lower Upper  
138 100  
108 8.3 10.6 15.8#  
92 107.9 93.2 139.8



#54  
2,4-Dinitrophenol  
Concen: 94.653 ng  
RT: 14.565 min Scan# 1953  
Delta R.T. -0.000 min  
Lab File: BG064540.D  
Acq: 17 Oct 2025 17:51

Tgt Ion:184 Resp: 47393  
Ion Ratio Lower Upper  
184 100  
63 86.5 69.0 103.4  
154 98.9 95.6 143.4

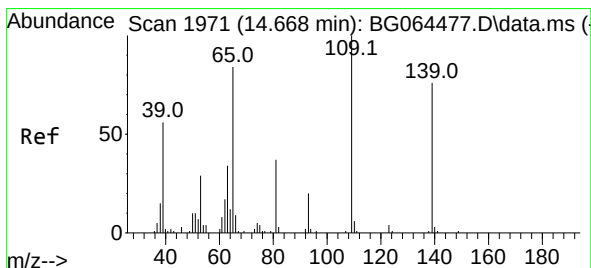
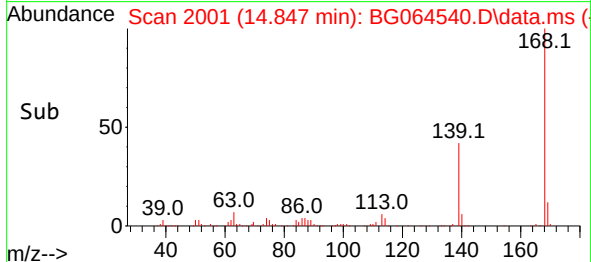
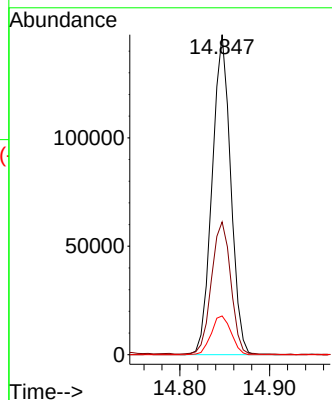
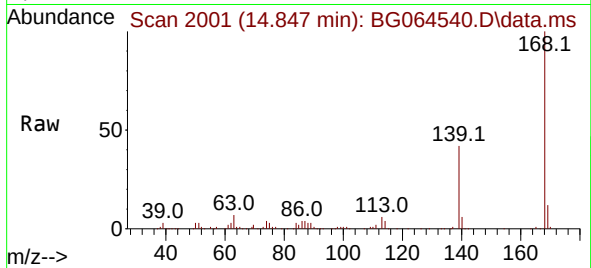




#55  
Dibenzofuran  
Concen: 54.671 ng  
RT: 14.847 min Scan# 2002  
Delta R.T. -0.000 min  
Lab File: BG064540.D  
Acq: 17 Oct 2025 17:51

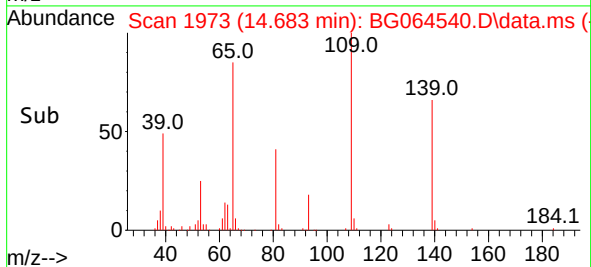
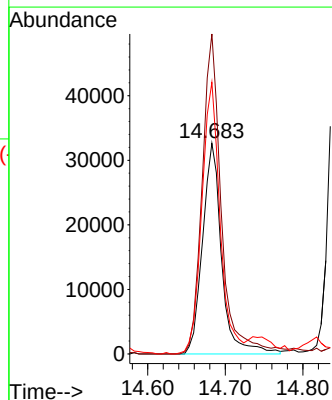
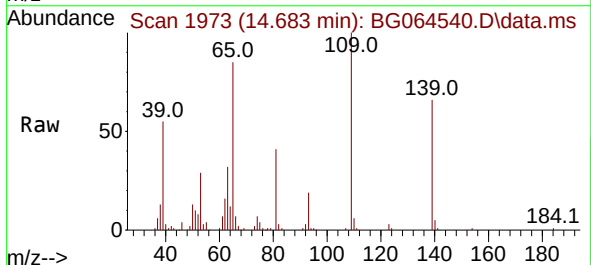
Instrument :  
BNA\_G  
ClientSampleId :  
COMP01-20251015MSD

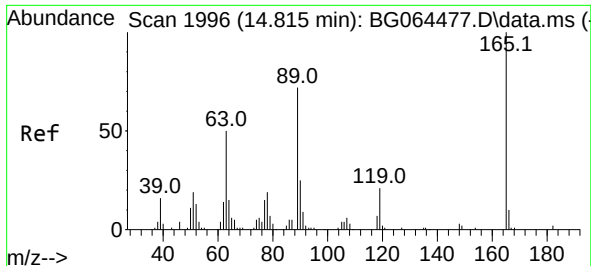
Tgt Ion:168 Resp: 211592  
Ion Ratio Lower Upper  
168 100  
139 41.5 34.0 51.0  
169 12.1 10.2 15.2



#56  
4-Nitrophenol  
Concen: 111.664 ng  
RT: 14.683 min Scan# 1973  
Delta R.T. 0.017 min  
Lab File: BG064540.D  
Acq: 17 Oct 2025 17:51

Tgt Ion:139 Resp: 55987  
Ion Ratio Lower Upper  
139 100  
109 151.9 111.8 151.8#  
65 129.0 91.1 131.1

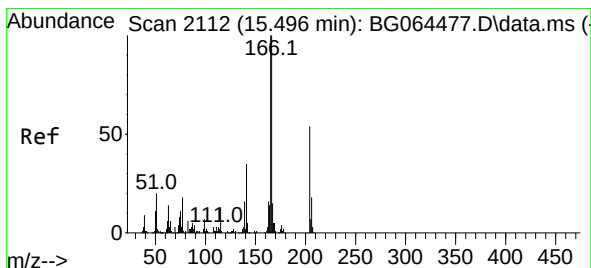
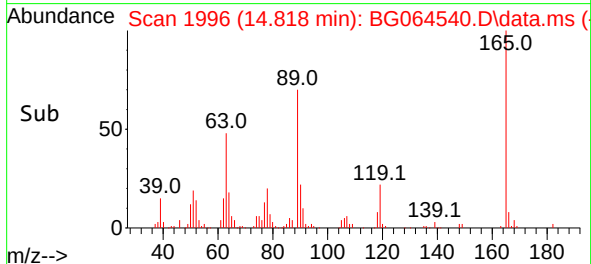
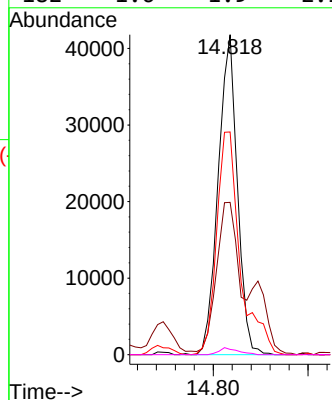
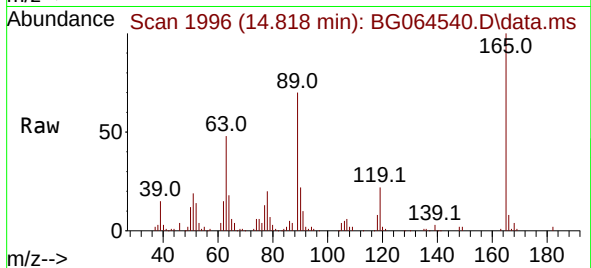




#57  
2,4-Dinitrotoluene  
Concen: 55.649 ng  
RT: 14.818 min Scan# 1996  
Delta R.T. 0.005 min  
Lab File: BG064540.D  
Acq: 17 Oct 2025 17:51

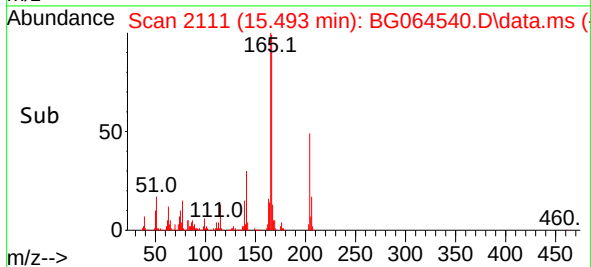
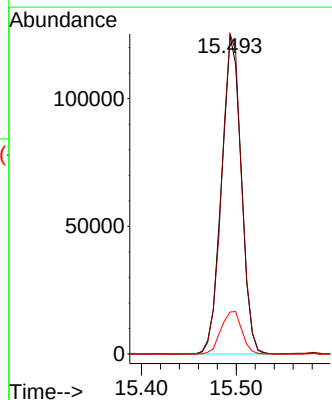
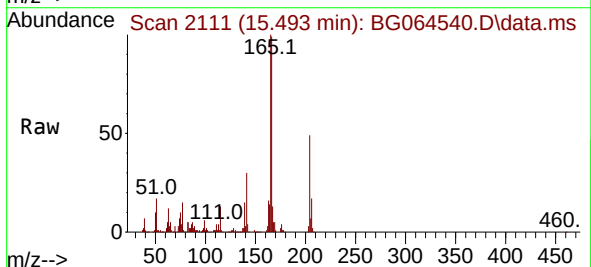
Instrument :  
BNA\_G  
ClientSampleId :  
COMP01-20251015MSD

Tgt Ion:165 Resp: 58742  
Ion Ratio Lower Upper  
165 100  
63 47.6 40.4 60.6  
89 69.6 57.3 85.9  
182 1.6 1.9 2.9#

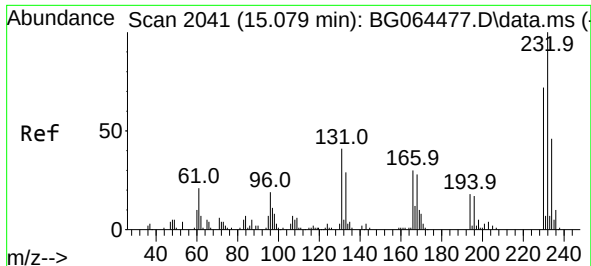


#58  
Fluorene  
Concen: 56.036 ng  
RT: 15.493 min Scan# 2111  
Delta R.T. -0.000 min  
Lab File: BG064540.D  
Acq: 17 Oct 2025 17:51

Tgt Ion:166 Resp: 180297  
Ion Ratio Lower Upper  
166 100  
165 100.6 79.8 119.6  
167 13.2 11.7 17.5



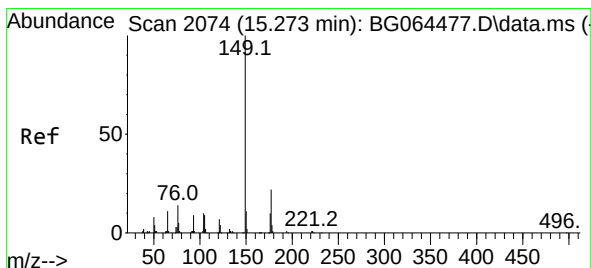
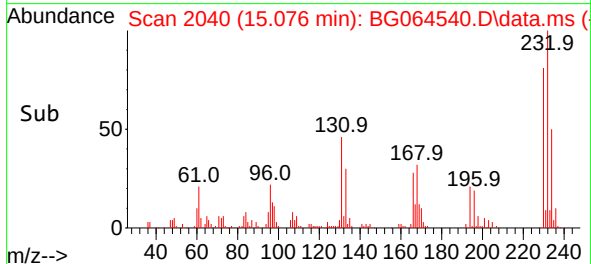
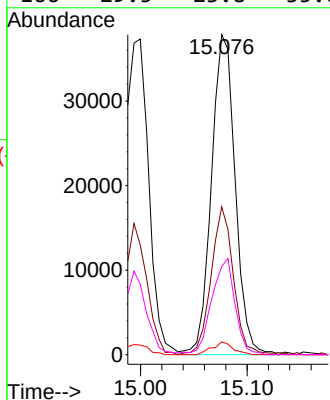
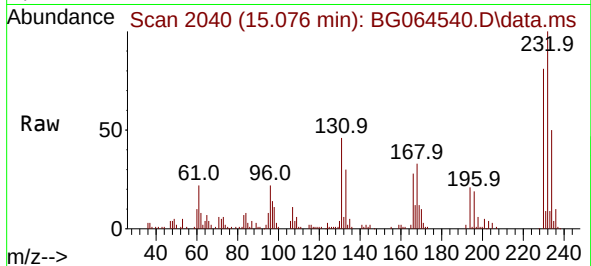




#59  
2,3,4,6-Tetrachlorophenol  
Concen: 58.889 ng  
RT: 15.076 min Scan# 2041  
Delta R.T. 0.005 min  
Lab File: BG064540.D  
Acq: 17 Oct 2025 17:51

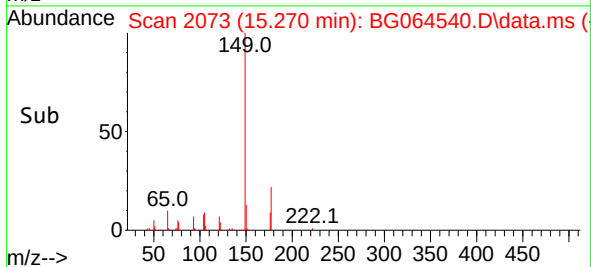
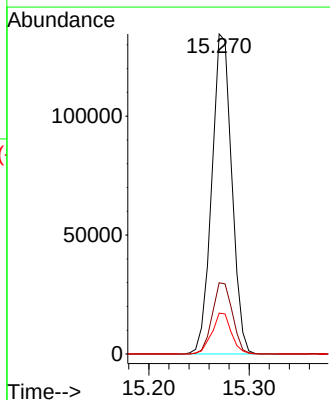
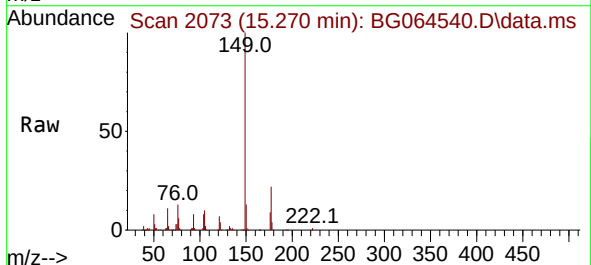
Instrument :  
BNA\_G  
ClientSampleId :  
COMP01-20251015MSD

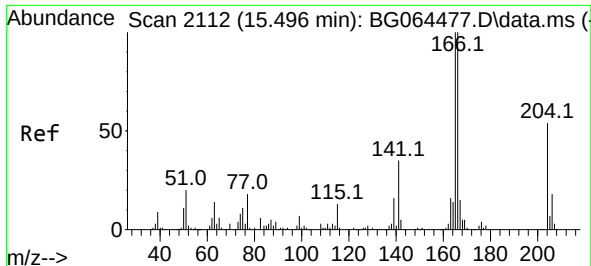
Tgt Ion:232 Resp: 58615  
Ion Ratio Lower Upper  
232 100  
131 43.5 35.0 52.4  
130 3.5 2.0 3.0#  
166 29.5 23.8 35.6



#60  
Diethylphthalate  
Concen: 52.339 ng  
RT: 15.270 min Scan# 2073  
Delta R.T. -0.000 min  
Lab File: BG064540.D  
Acq: 17 Oct 2025 17:51

Tgt Ion:149 Resp: 186116  
Ion Ratio Lower Upper  
149 100  
177 22.3 17.4 26.0  
150 12.7 9.1 13.7

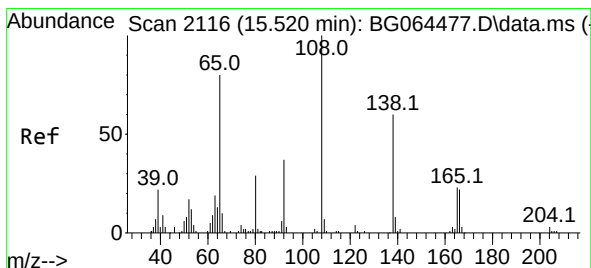
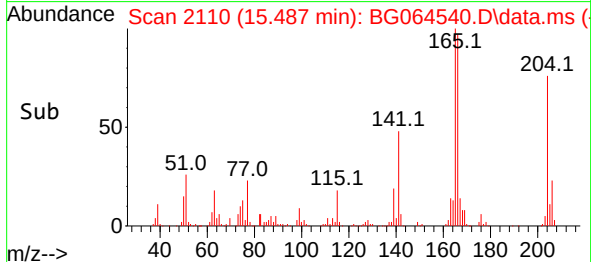
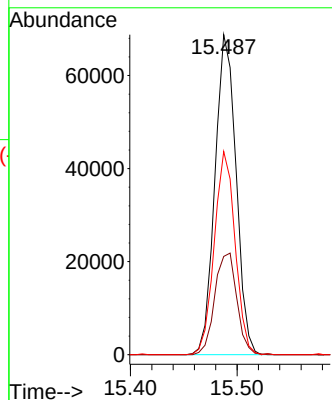
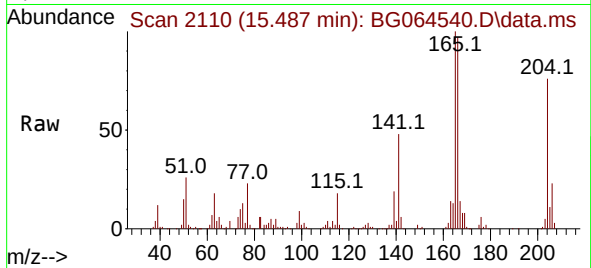




#61  
4-Chlorophenyl-phenylether  
Concen: 53.782 ng  
RT: 15.487 min Scan# 2110  
Delta R.T. -0.000 min  
Lab File: BG064540.D  
Acq: 17 Oct 2025 17:51

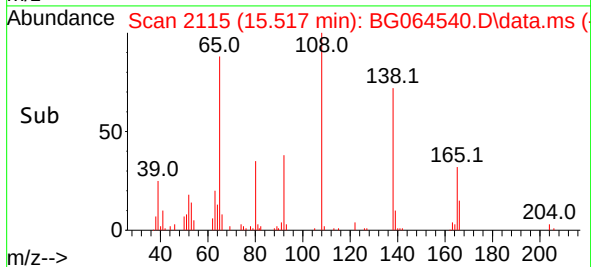
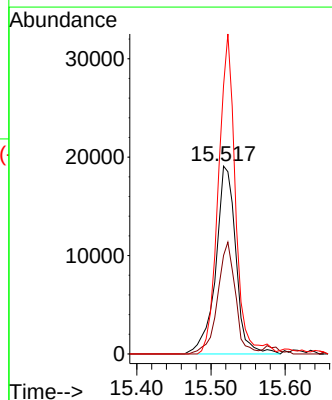
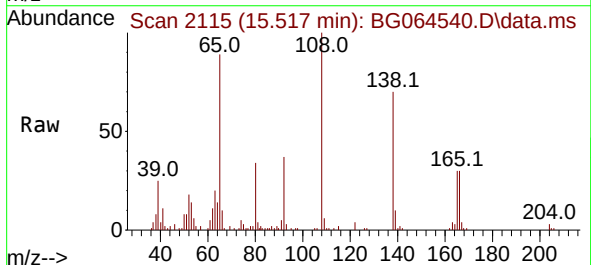
Instrument :  
BNA\_G  
ClientSampleId :  
COMP01-20251015MSD

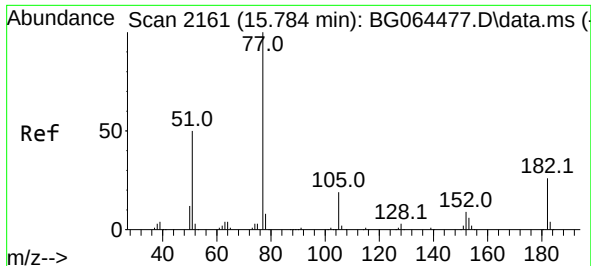
Tgt Ion:204 Resp: 94473  
Ion Ratio Lower Upper  
204 100  
206 30.7 27.1 40.7  
141 63.5 51.5 77.3



#62  
4-Nitroaniline  
Concen: 54.205 ng  
RT: 15.517 min Scan# 2115  
Delta R.T. 0.005 min  
Lab File: BG064540.D  
Acq: 17 Oct 2025 17:51

Tgt Ion:138 Resp: 35978  
Ion Ratio Lower Upper  
138 100  
92 52.5 42.3 82.3  
108 143.0 147.7 187.7#

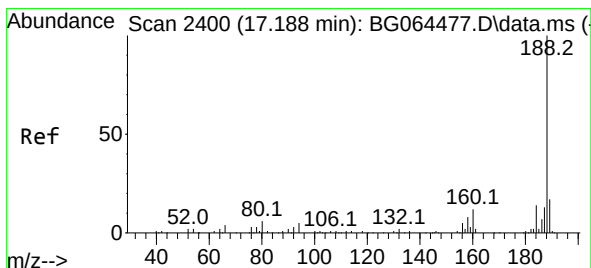
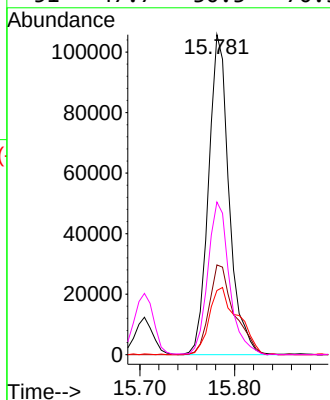
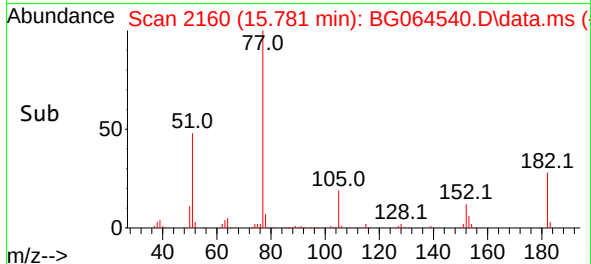
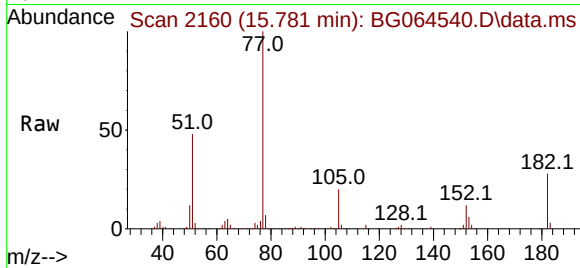




#63  
Azobenzene  
Concen: 58.000 ng  
RT: 15.781 min Scan# 2161  
Delta R.T. -0.000 min  
Lab File: BG064540.D  
Acq: 17 Oct 2025 17:51

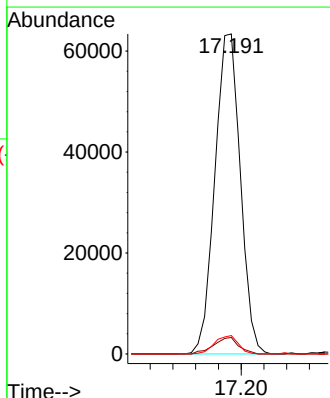
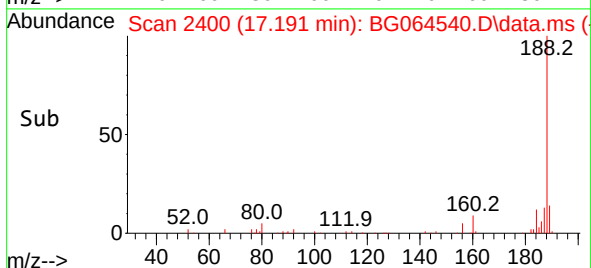
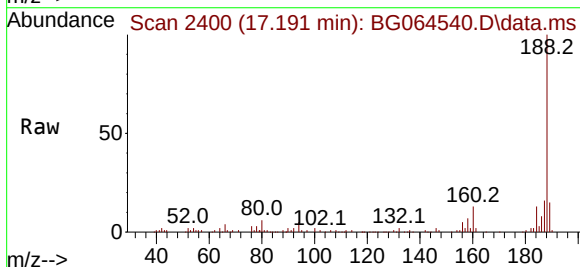
Instrument :  
BNA\_G  
ClientSampleId :  
COMP01-20251015MSD

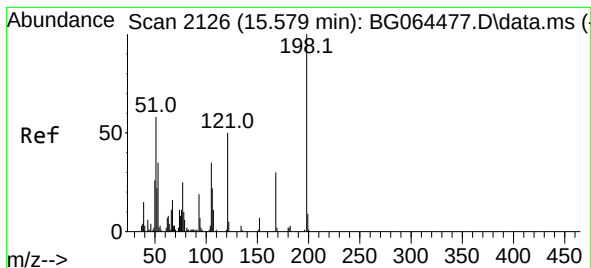
|             |              |
|-------------|--------------|
| Tgt Ion: 77 | Resp: 159730 |
| Ion Ratio   | Lower Upper  |
| 77 100      |              |
| 182 28.1    | 6.3 46.3     |
| 105 20.1    | 0.0 38.7     |
| 51 47.7     | 30.3 70.3    |



#64  
Phenanthrene-d10  
Concen: 20.000 ng  
RT: 17.191 min Scan# 2400  
Delta R.T. 0.005 min  
Lab File: BG064540.D  
Acq: 17 Oct 2025 17:51

|             |             |
|-------------|-------------|
| Tgt Ion:188 | Resp: 98552 |
| Ion Ratio   | Lower Upper |
| 188 100     |             |
| 94 5.1      | 3.7 5.5     |
| 80 5.8      | 4.5 6.7     |

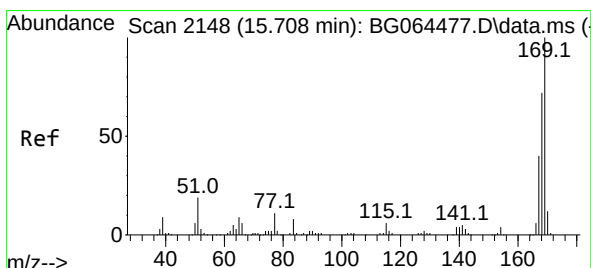
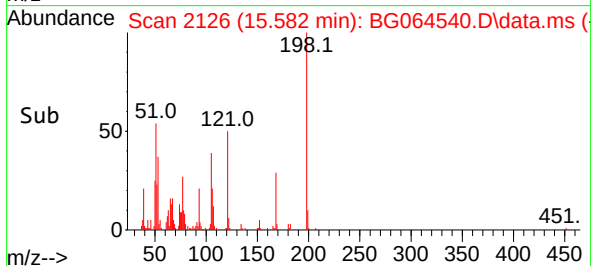
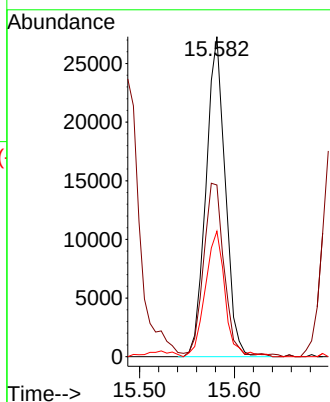
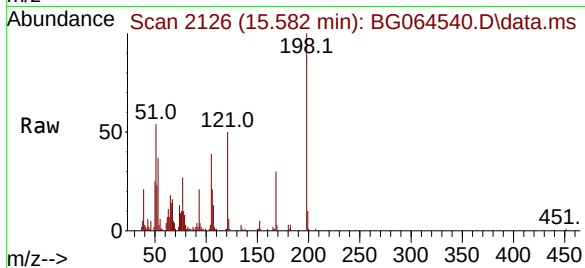




#65  
4,6-Dinitro-2-methylphenol  
Concen: 56.259 ng  
RT: 15.582 min Scan# 2126  
Delta R.T. 0.005 min  
Lab File: BG064540.D  
Acq: 17 Oct 2025 17:51

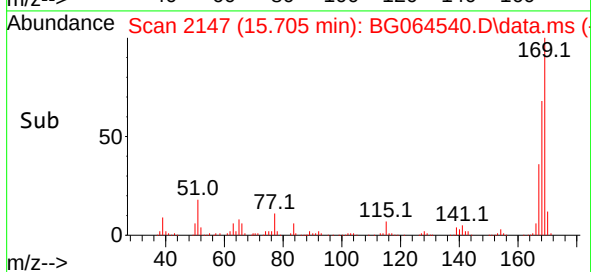
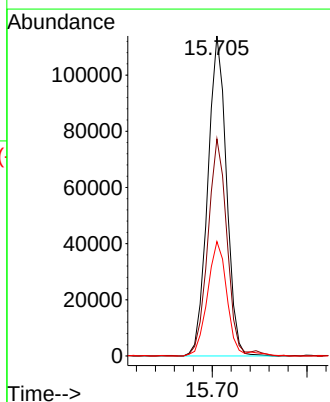
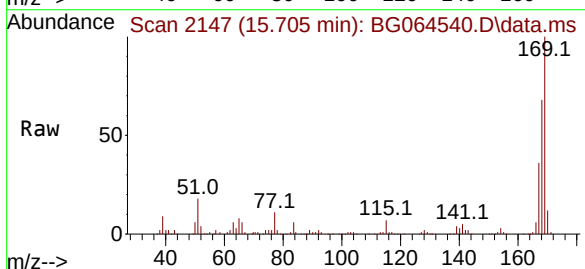
Instrument :  
BNA\_G  
ClientSampleId :  
COMP01-20251015MSD

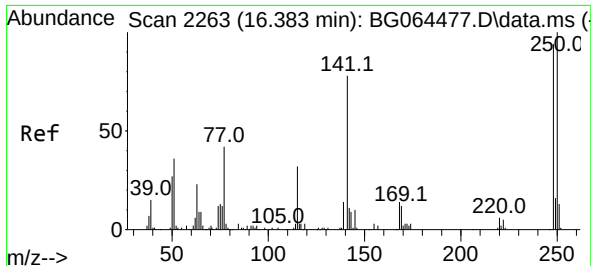
Tgt Ion:198 Resp: 38604  
Ion Ratio Lower Upper  
198 100  
51 53.7 39.0 79.0  
105 39.2 15.8 55.8



#66  
n-Nitrosodiphenylamine  
Concen: 59.191 ng  
RT: 15.705 min Scan# 2147  
Delta R.T. -0.000 min  
Lab File: BG064540.D  
Acq: 17 Oct 2025 17:51

Tgt Ion:169 Resp: 155774  
Ion Ratio Lower Upper  
169 100  
168 67.8 57.8 86.6  
167 35.7 31.7 47.5

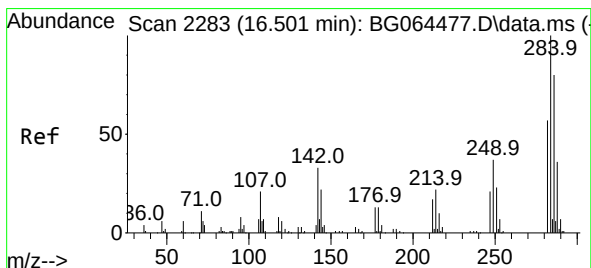
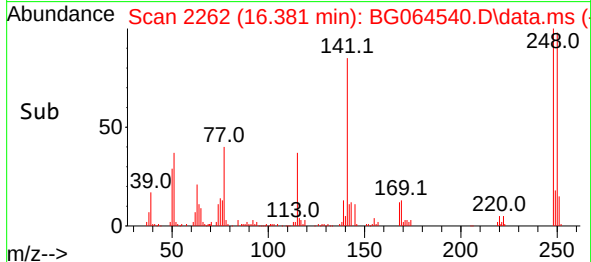
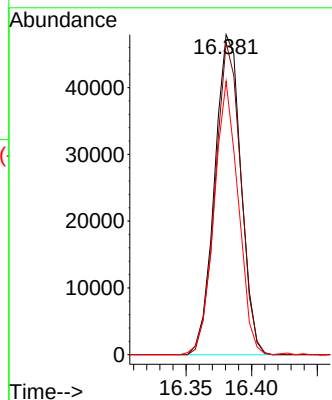
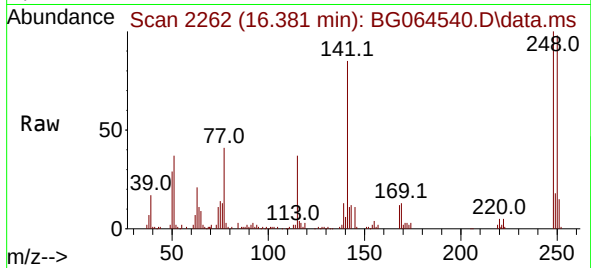




#67  
4-Bromophenyl-phenylether  
Concen: 57.595 ng  
RT: 16.381 min Scan# 21  
Delta R.T. -0.000 min  
Lab File: BG064540.D  
Acq: 17 Oct 2025 17:51

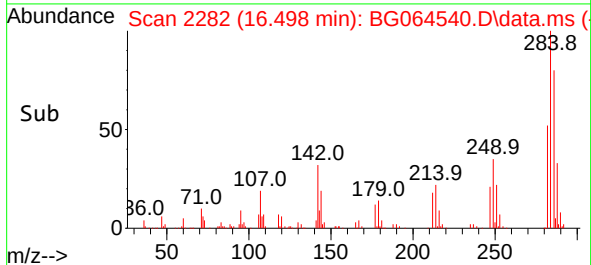
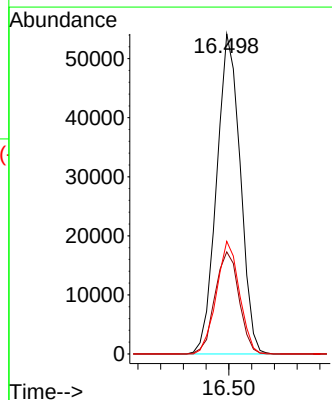
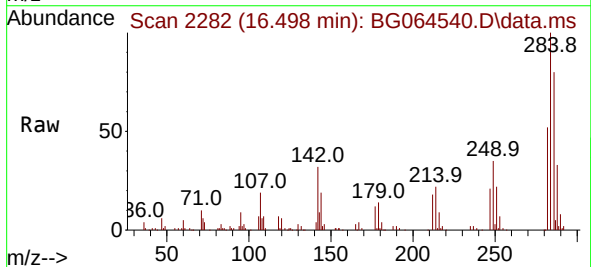
Instrument :  
BNA\_G  
ClientSampleId :  
COMP01-20251015MSD

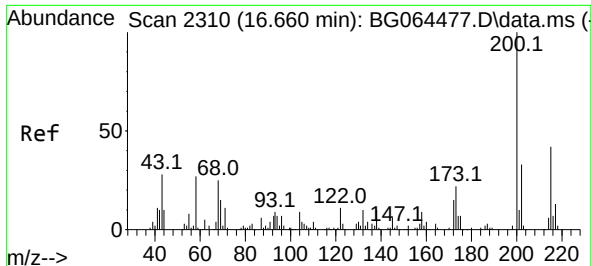
Tgt Ion:248 Resp: 66795  
Ion Ratio Lower Upper  
248 100  
250 97.5 85.3 127.9  
141 85.5 66.2 99.2



#68  
Hexachlorobenzene  
Concen: 58.863 ng  
RT: 16.498 min Scan# 2282  
Delta R.T. -0.000 min  
Lab File: BG064540.D  
Acq: 17 Oct 2025 17:51

Tgt Ion:284 Resp: 78114  
Ion Ratio Lower Upper  
284 100  
142 31.9 26.2 39.2  
249 35.2 29.4 44.0

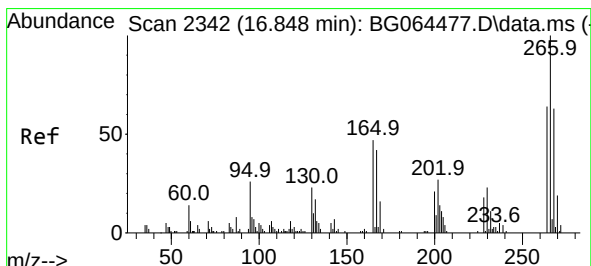
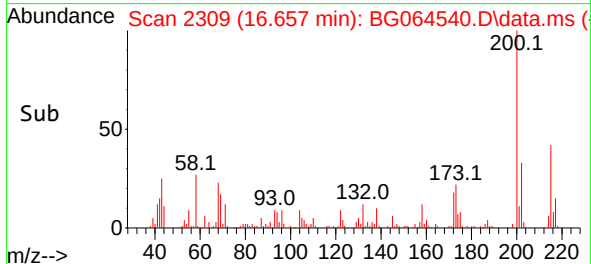
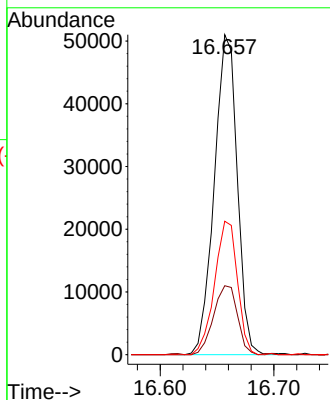
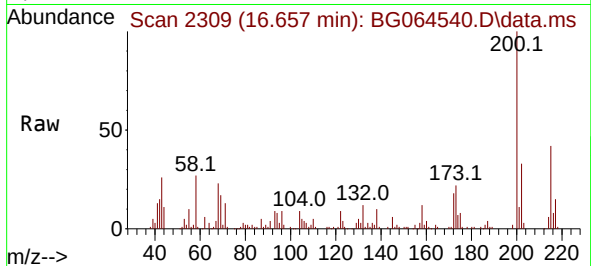




#69  
 Atrazine  
 Concen: 61.166 ng  
 RT: 16.657 min Scan# 21  
 Delta R.T. 0.005 min  
 Lab File: BG064540.D  
 Acq: 17 Oct 2025 17:51

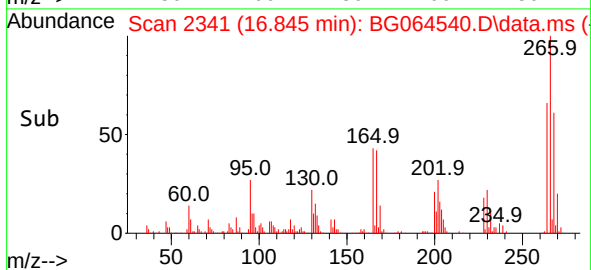
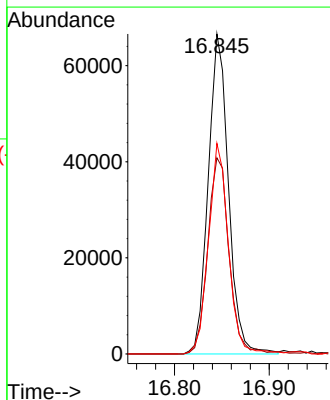
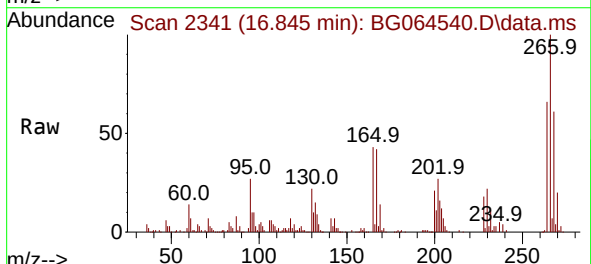
Instrument :  
 BNA\_G  
 ClientSampleId :  
 COMP01-20251015MSD

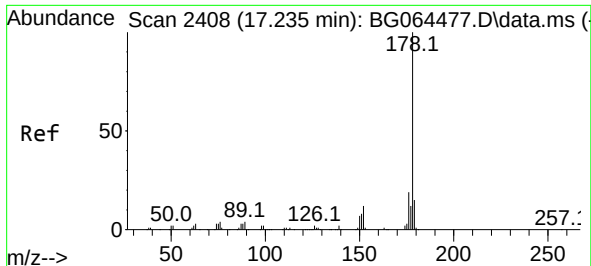
Tgt Ion:200 Resp: 71618  
 Ion Ratio Lower Upper  
 200 100  
 173 21.5 2.5 42.5  
 215 41.7 21.5 61.5



#70  
 Pentachlorophenol  
 Concen: 127.110 ng  
 RT: 16.845 min Scan# 2341  
 Delta R.T. -0.000 min  
 Lab File: BG064540.D  
 Acq: 17 Oct 2025 17:51

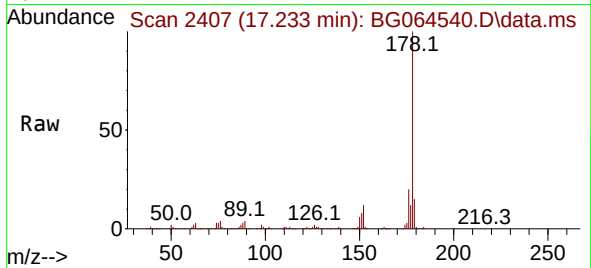
Tgt Ion:266 Resp: 98627  
 Ion Ratio Lower Upper  
 266 100  
 268 61.3 50.6 75.8  
 264 65.8 51.2 76.8



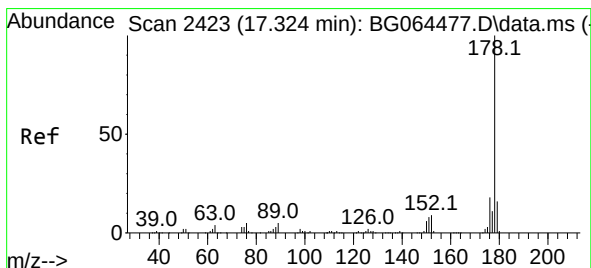
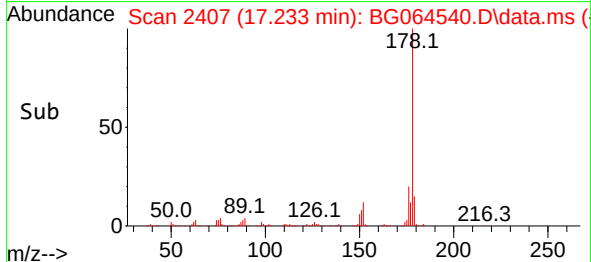
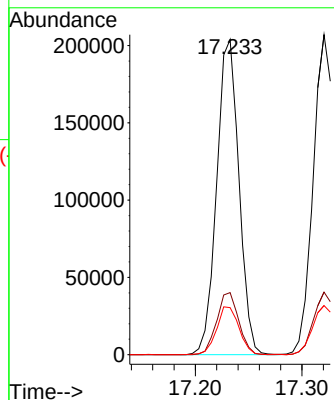


#71  
Phenanthrene  
Concen: 57.321 ng  
RT: 17.233 min Scan# 2407  
Delta R.T. 0.005 min  
Lab File: BG064540.D  
Acq: 17 Oct 2025 17:51

Instrument :  
BNA\_G  
ClientSampleId :  
COMP01-20251015MSD

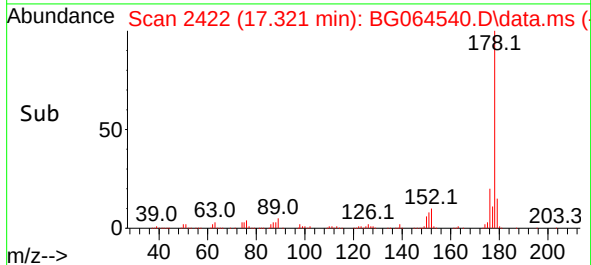
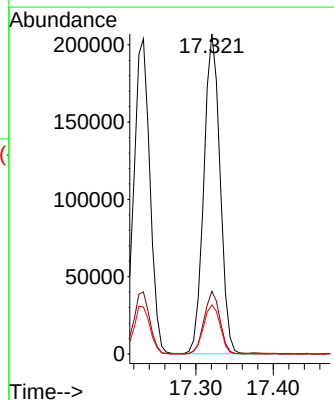
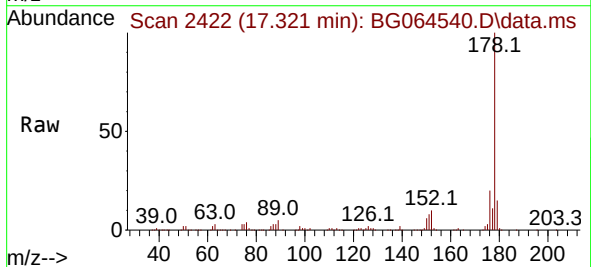


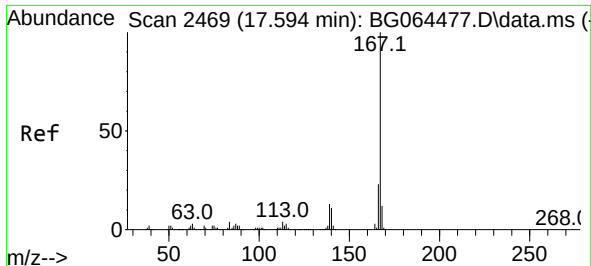
Tgt Ion:178 Resp: 295420  
Ion Ratio Lower Upper  
178 100  
176 19.7 15.2 22.8  
179 14.9 11.8 17.6



#72  
Anthracene  
Concen: 58.104 ng  
RT: 17.321 min Scan# 2422  
Delta R.T. -0.000 min  
Lab File: BG064540.D  
Acq: 17 Oct 2025 17:51

Tgt Ion:178 Resp: 300419  
Ion Ratio Lower Upper  
178 100  
176 19.5 14.6 21.8  
179 15.4 12.5 18.7

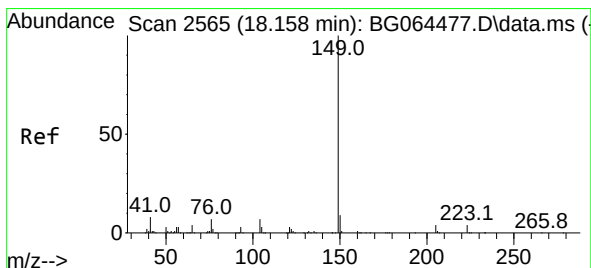
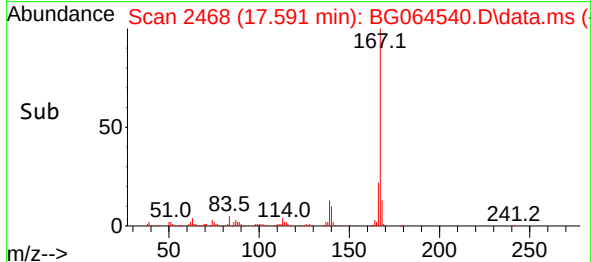
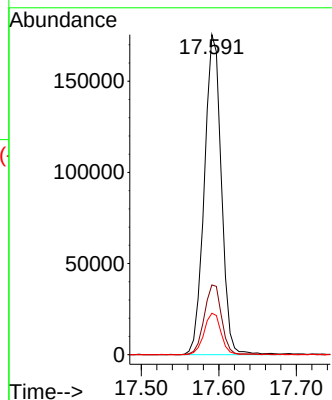
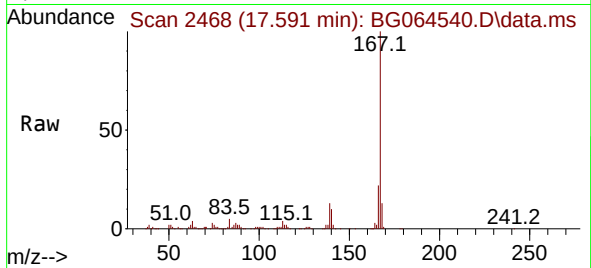




#73  
Carbazole  
Concen: 59.777 ng  
RT: 17.591 min Scan# 2468  
Delta R.T. -0.000 min  
Lab File: BG064540.D  
Acq: 17 Oct 2025 17:51

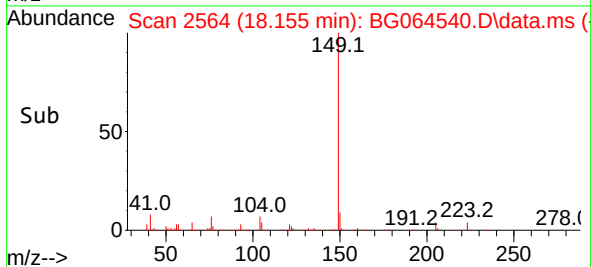
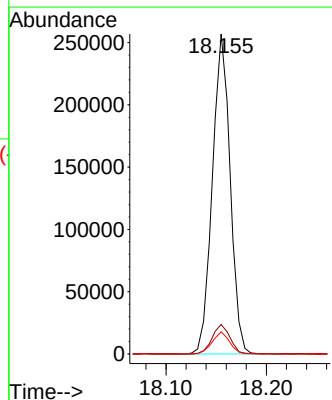
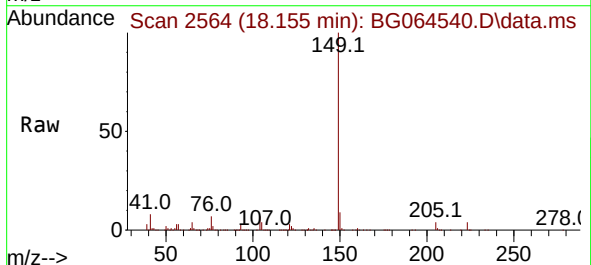
Instrument :  
BNA\_G  
ClientSampleId :  
COMP01-20251015MSD

Tgt Ion:167 Resp: 267151  
Ion Ratio Lower Upper  
167 100  
166 21.8 18.6 27.8  
139 12.9 10.2 15.4

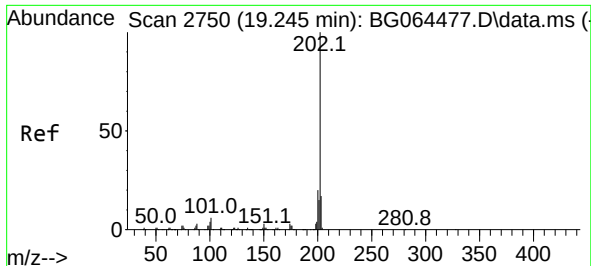


#74  
Di-n-butylphthalate  
Concen: 57.749 ng  
RT: 18.155 min Scan# 2564  
Delta R.T. -0.000 min  
Lab File: BG064540.D  
Acq: 17 Oct 2025 17:51

Tgt Ion:149 Resp: 315058  
Ion Ratio Lower Upper  
149 100  
150 9.2 7.4 11.2  
104 7.0 5.3 7.9



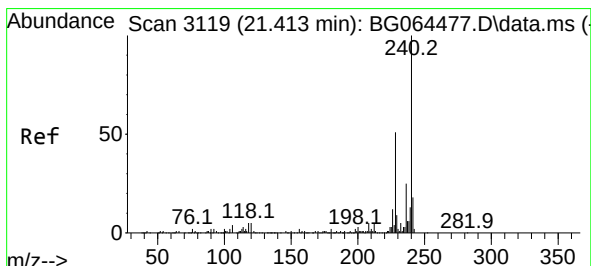
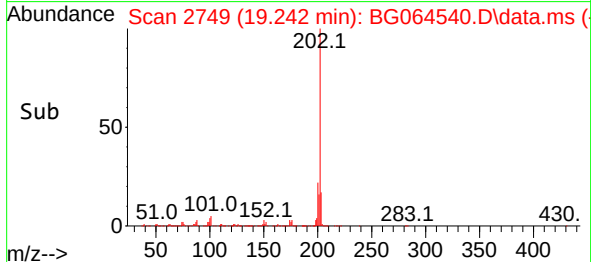
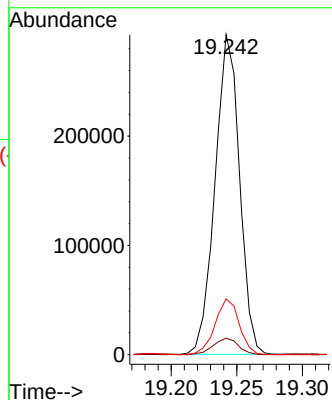
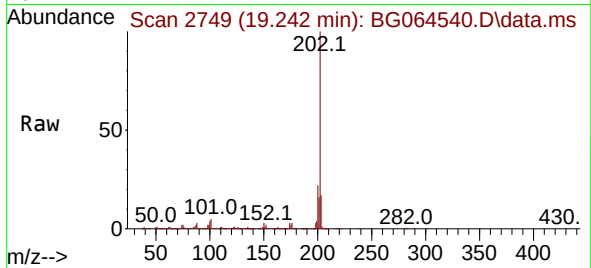




#75  
Fluoranthene  
Concen: 61.587 ng  
RT: 19.242 min Scan# 21  
Delta R.T. 0.005 min  
Lab File: BG064540.D  
Acq: 17 Oct 2025 17:51

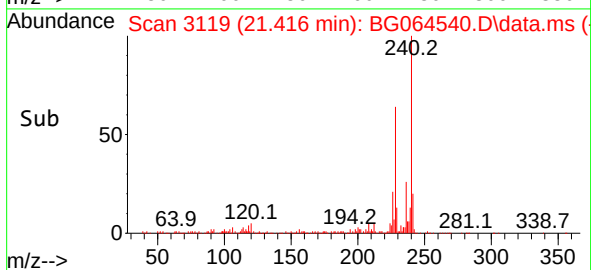
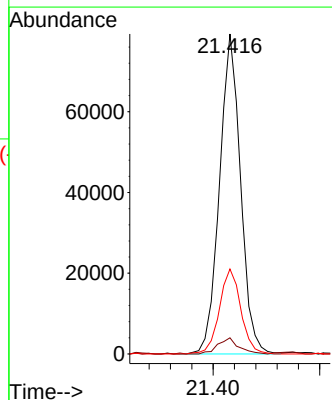
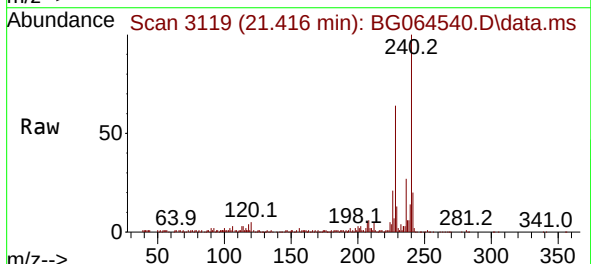
Instrument :  
BNA\_G  
ClientSampleId :  
COMP01-20251015MSD

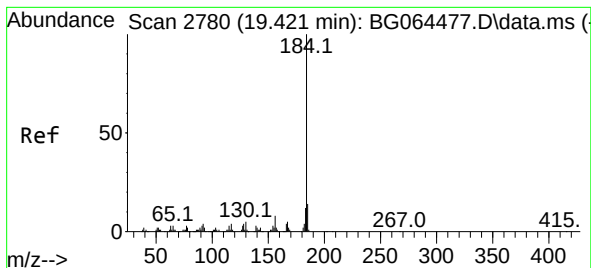
Tgt Ion:202 Resp: 379195  
Ion Ratio Lower Upper  
202 100  
101 5.1 0.0 25.7  
203 17.5 0.0 36.6



#76  
Chrysene-d12  
Concen: 20.000 ng  
RT: 21.416 min Scan# 3119  
Delta R.T. 0.006 min  
Lab File: BG064540.D  
Acq: 17 Oct 2025 17:51

Tgt Ion:240 Resp: 108444  
Ion Ratio Lower Upper  
240 100  
120 5.0 4.3 6.5  
236 26.6 20.4 30.6





#77

Benzidine

Concen: 43.567 ng

RT: 19.424 min Scan# 21

Delta R.T. -0.001 min

Lab File: BG064540.D

Acq: 17 Oct 2025 17:51

Instrument :

BNA\_G

ClientSampleId :

COMP01-20251015MSD

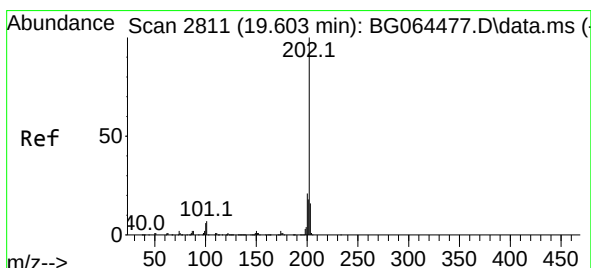
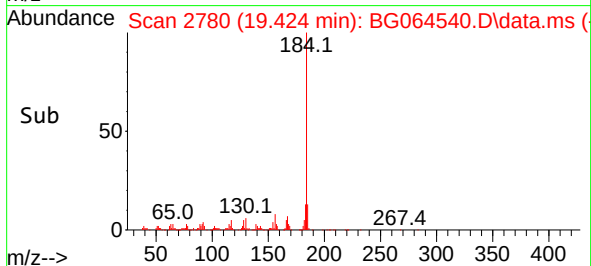
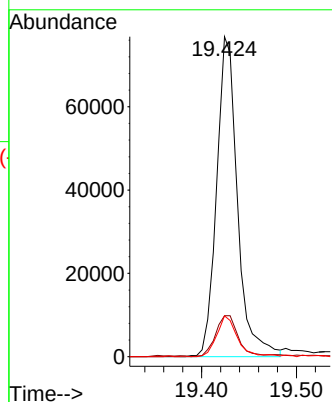
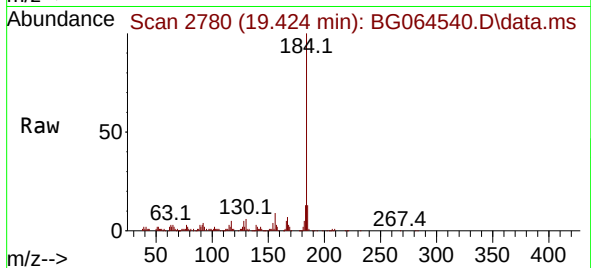
Tgt Ion:184 Resp: 117565

Ion Ratio Lower Upper

184 100

185 12.8 10.9 16.3

183 12.8 9.8 14.6



#78

Pyrene

Concen: 56.237 ng

RT: 19.606 min Scan# 2811

Delta R.T. 0.005 min

Lab File: BG064540.D

Acq: 17 Oct 2025 17:51

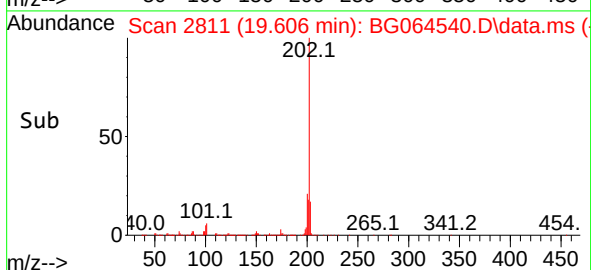
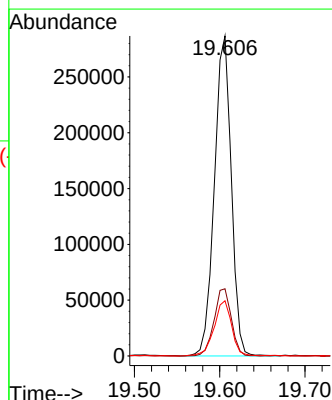
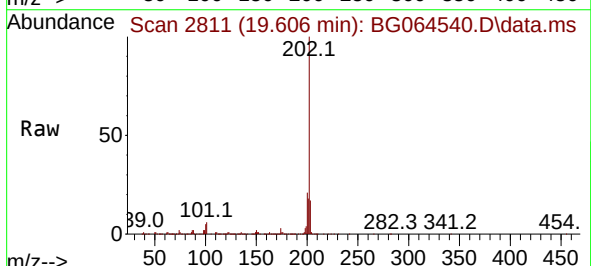
Tgt Ion:202 Resp: 395779

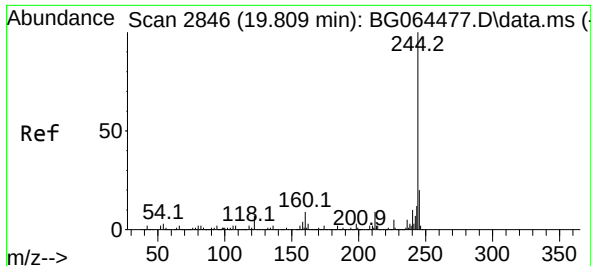
Ion Ratio Lower Upper

202 100

200 21.0 17.0 25.4

203 17.3 13.0 19.4

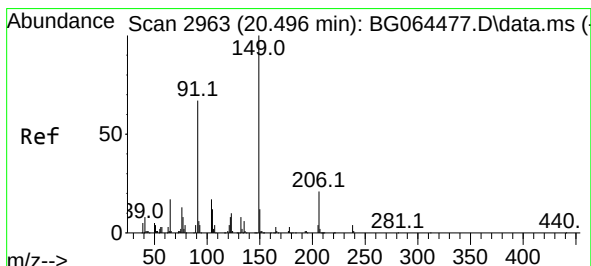
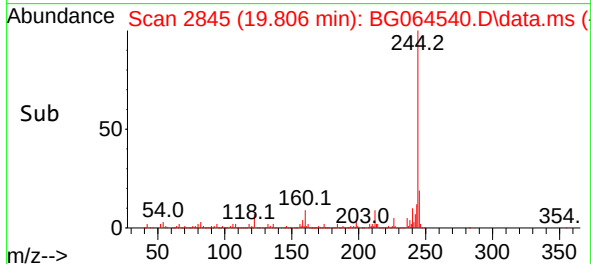
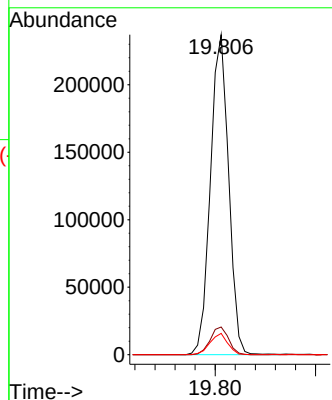
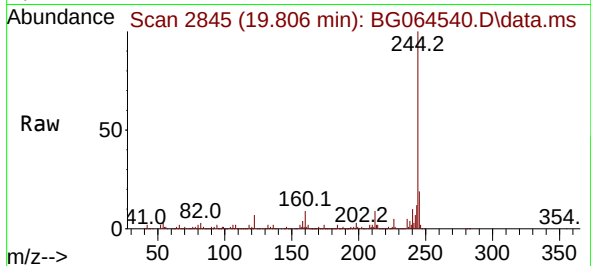




#79  
 Terphenyl-d14  
 Concen: 52.153 ng  
 RT: 19.806 min Scan# 21  
 Delta R.T. -0.000 min  
 Lab File: BG064540.D  
 Acq: 17 Oct 2025 17:51

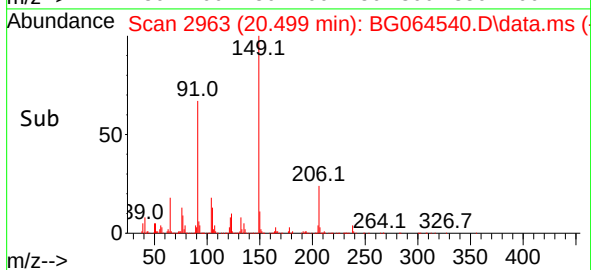
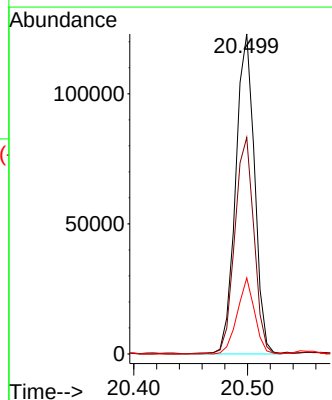
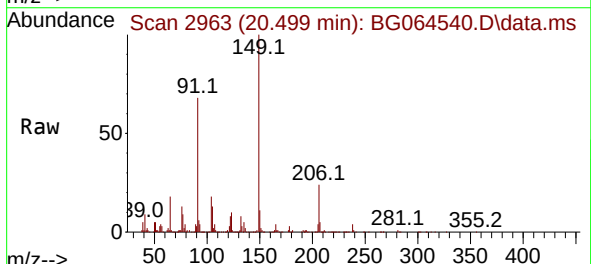
Instrument :  
 BNA\_G  
 ClientSampleId :  
 COMP01-20251015MSD

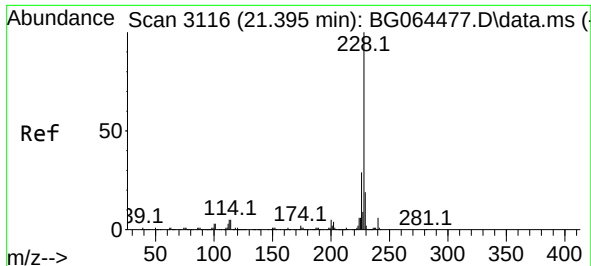
Tgt Ion:244 Resp: 298846  
 Ion Ratio Lower Upper  
 244 100  
 212 8.7 7.0 10.6  
 122 6.7 5.6 8.4



#80  
 Butylbenzylphthalate  
 Concen: 56.715 ng  
 RT: 20.499 min Scan# 2963  
 Delta R.T. -0.000 min  
 Lab File: BG064540.D  
 Acq: 17 Oct 2025 17:51

Tgt Ion:149 Resp: 141491  
 Ion Ratio Lower Upper  
 149 100  
 91 67.7 53.7 80.5  
 206 23.8 16.6 24.8

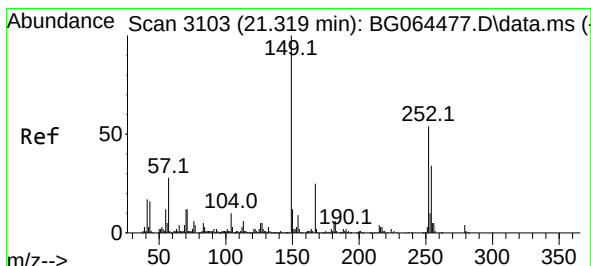
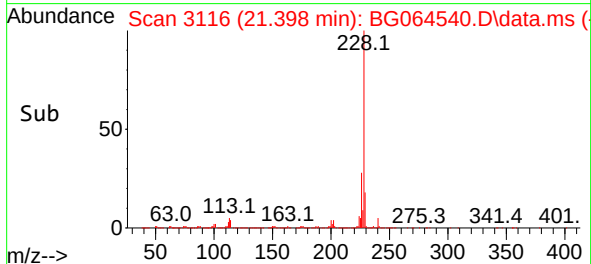
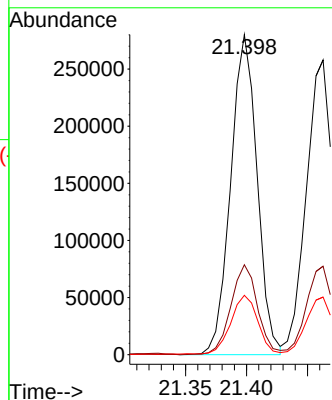
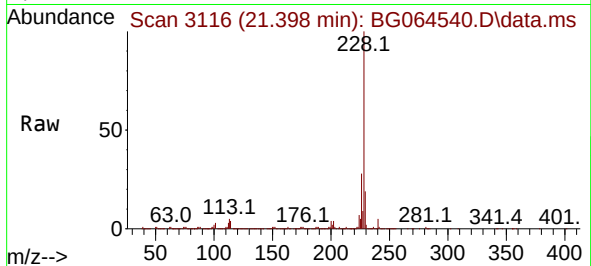




#81  
Benzo(a)anthracene  
Concen: 61.001 ng  
RT: 21.398 min Scan# 3116  
Delta R.T. 0.005 min  
Lab File: BG064540.D  
Acq: 17 Oct 2025 17:51

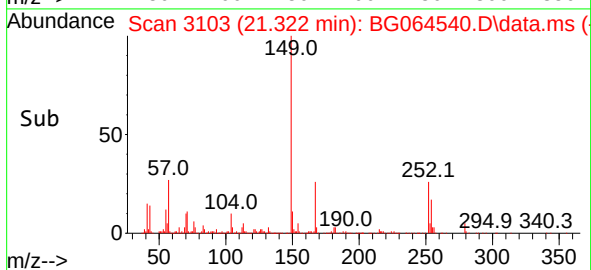
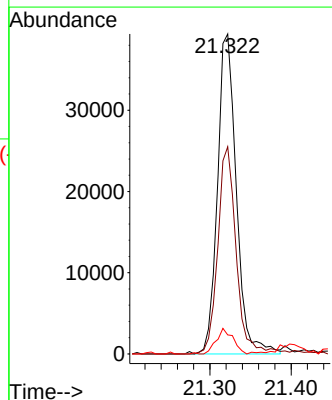
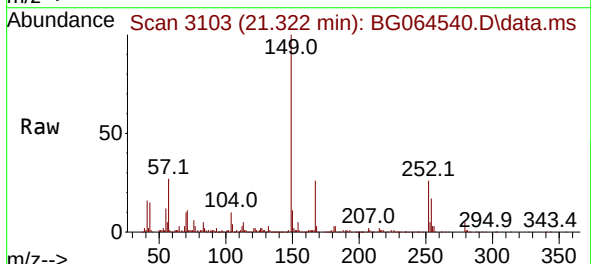
Instrument :  
BNA\_G  
ClientSampleId :  
COMP01-20251015MSD

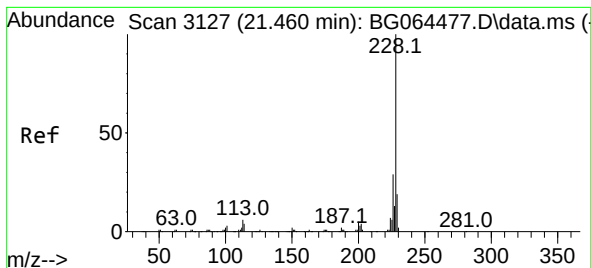
Tgt Ion:228 Resp: 422383  
Ion Ratio Lower Upper  
228 100  
226 28.1 22.8 34.2  
229 18.5 15.2 22.8



#82  
3,3'-Dichlorobenzidine  
Concen: 27.173 ng  
RT: 21.322 min Scan# 3103  
Delta R.T. 0.005 min  
Lab File: BG064540.D  
Acq: 17 Oct 2025 17:51

Tgt Ion:252 Resp: 63681  
Ion Ratio Lower Upper  
252 100  
254 64.7 50.5 75.7  
126 6.0 7.1 10.7#





#83

Chrysene

Concen: 59.253 ng

RT: 21.463 min Scan# 3127

Delta R.T. 0.011 min

Lab File: BG064540.D

Acq: 17 Oct 2025 17:51

Instrument :

BNA\_G

ClientSampleId :

COMP01-20251015MSD

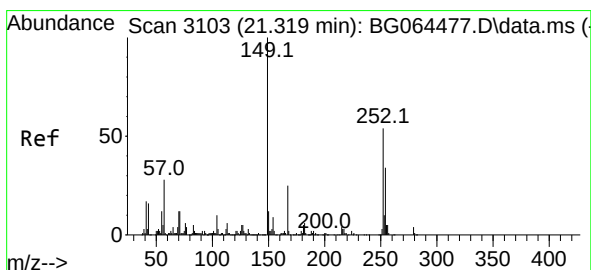
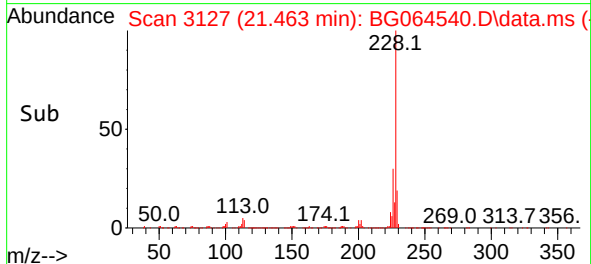
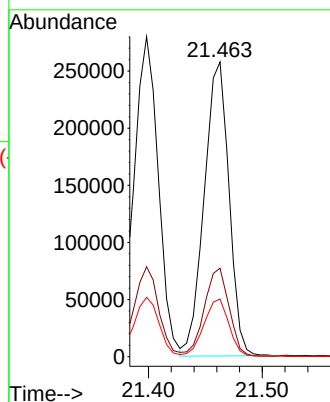
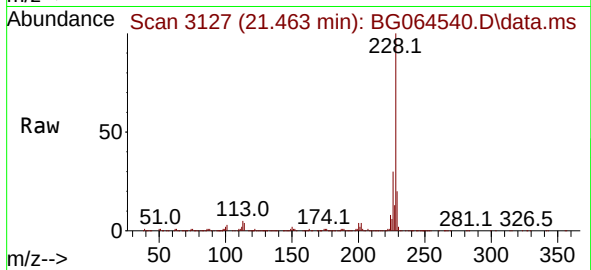
Tgt Ion:228 Resp: 389097

Ion Ratio Lower Upper

228 100

226 30.0 22.8 34.2

229 19.6 15.4 23.0



#84

Bis(2-ethylhexyl)phthalate

Concen: 59.357 ng

RT: 21.316 min Scan# 3102

Delta R.T. -0.000 min

Lab File: BG064540.D

Acq: 17 Oct 2025 17:51

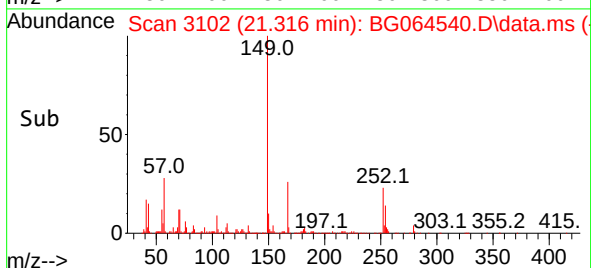
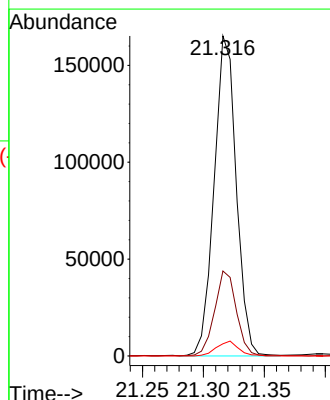
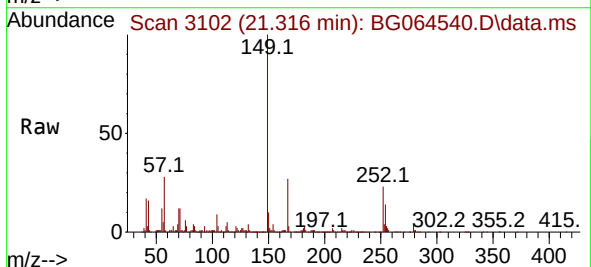
Tgt Ion:149 Resp: 208938

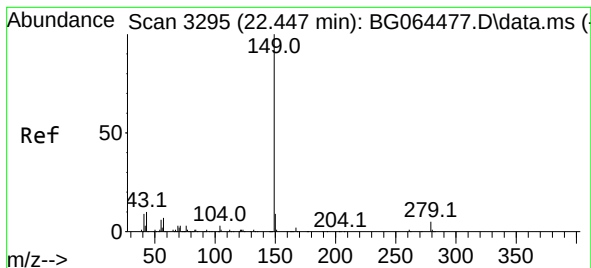
Ion Ratio Lower Upper

149 100

167 26.5 19.7 29.5

279 3.8 3.4 5.2





#85

Di-n-octyl phthalate

Concen: 58.710 ng

RT: 22.444 min Scan# 31

Delta R.T. 0.005 min

Lab File: BG064540.D

Acq: 17 Oct 2025 17:51

Instrument :

BNA\_G

ClientSampleId :

COMP01-20251015MSD

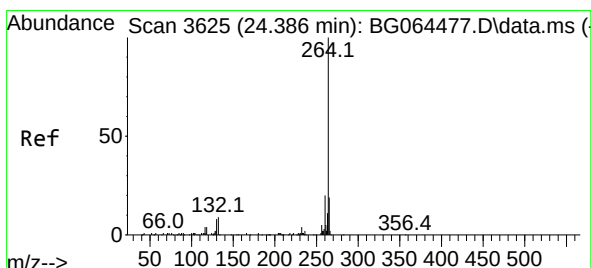
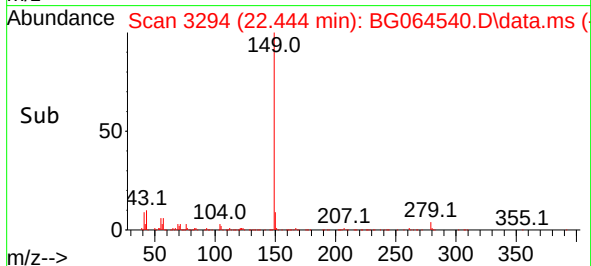
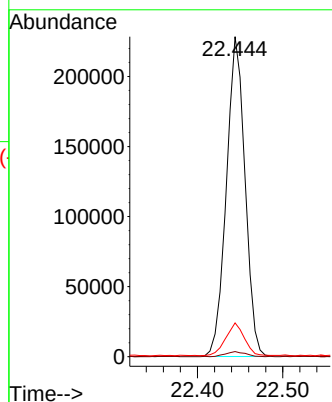
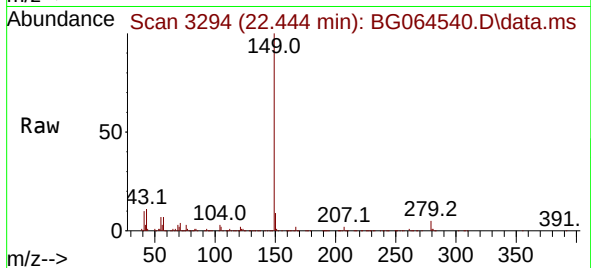
Tgt Ion:149 Resp: 347323

Ion Ratio Lower Upper

149 100

167 1.8 1.4 2.0

43 10.2 7.9 11.9



#86

Perylene-d12

Concen: 20.000 ng

RT: 24.401 min Scan# 3627

Delta R.T. 0.011 min

Lab File: BG064540.D

Acq: 17 Oct 2025 17:51

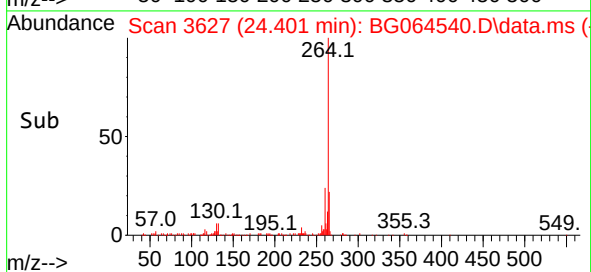
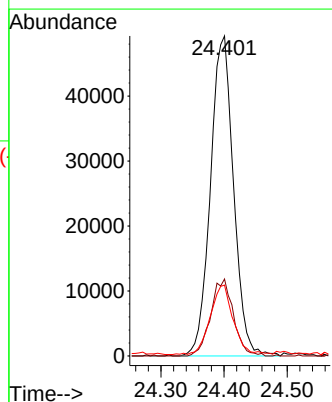
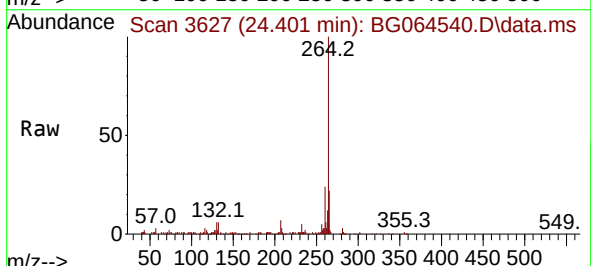
Tgt Ion:264 Resp: 124972

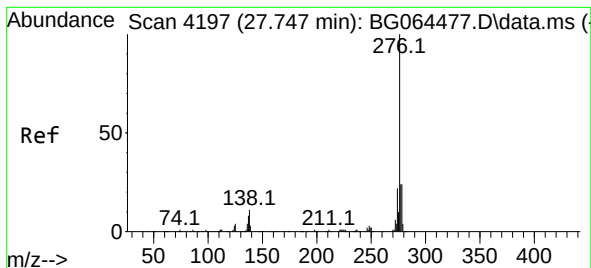
Ion Ratio Lower Upper

264 100

260 24.1 16.2 24.4

265 22.2 15.0 22.4





#87

Indeno(1,2,3-cd)pyrene

Concen: 59.016 ng

RT: 27.761 min Scan# 41

Delta R.T. 0.029 min

Lab File: BG064540.D

Acq: 17 Oct 2025 17:51

Instrument :

BNA\_G

ClientSampleId :

COMP01-20251015MSD

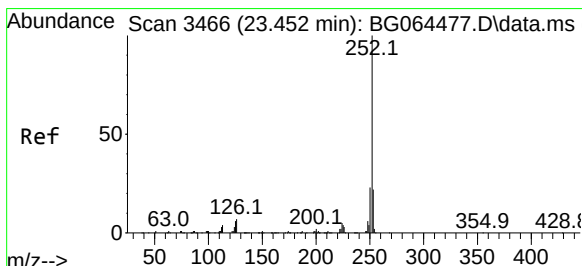
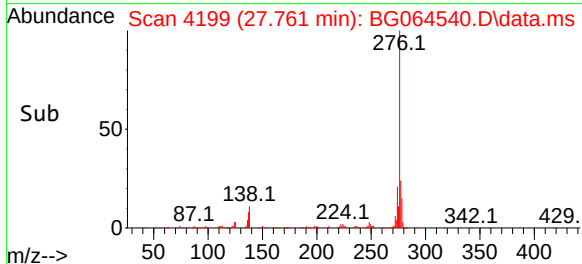
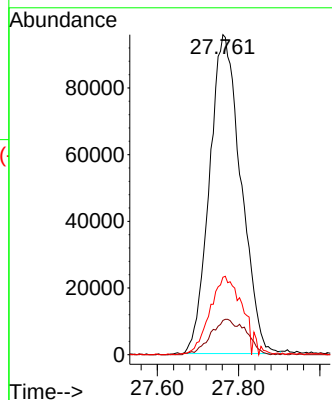
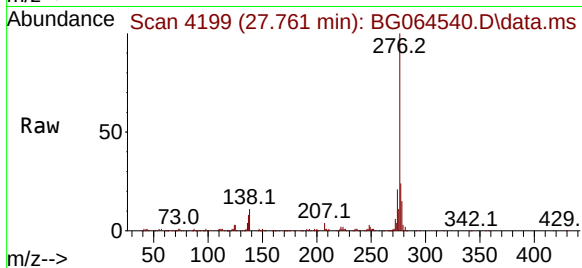
Tgt Ion:276 Resp: 513369

Ion Ratio Lower Upper

276 100

138 12.5 10.8 16.2

277 25.5 20.3 30.5



#88

Benzo(b)fluoranthene

Concen: 58.812 ng

RT: 23.460 min Scan# 3467

Delta R.T. 0.011 min

Lab File: BG064540.D

Acq: 17 Oct 2025 17:51

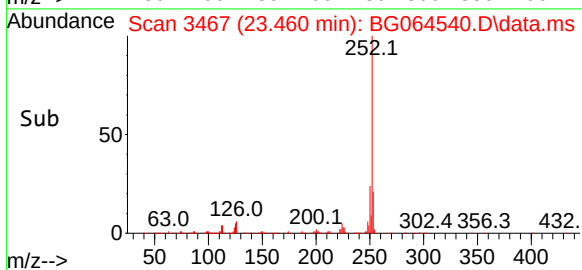
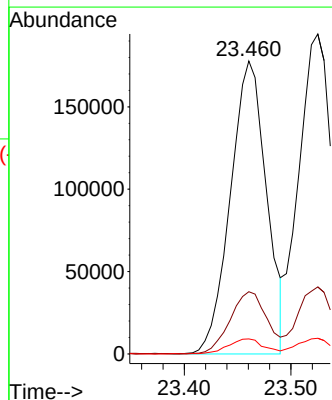
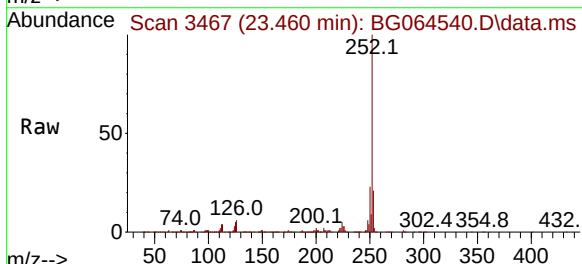
Tgt Ion:252 Resp: 418135

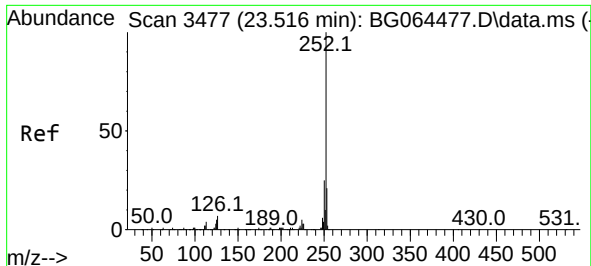
Ion Ratio Lower Upper

252 100

253 21.2 17.5 26.3

125 5.1 4.5 6.7

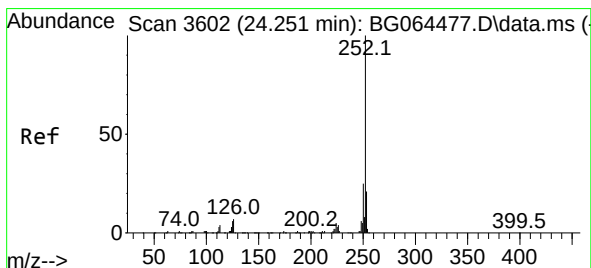
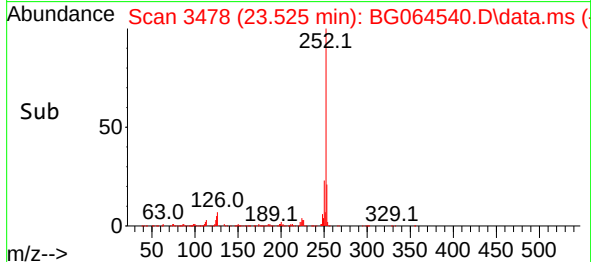
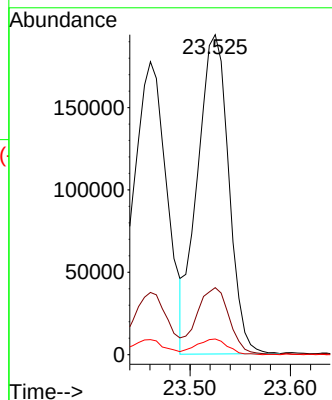
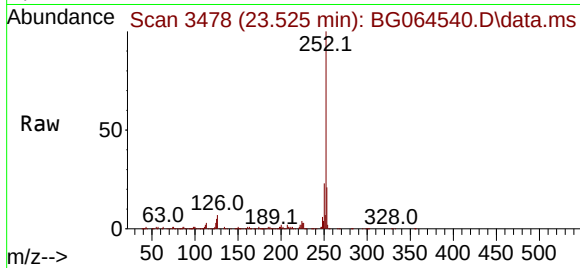




#89  
Benzo(k)fluoranthene  
Concen: 58.664 ng  
RT: 23.525 min Scan# 3477  
Delta R.T. 0.017 min  
Lab File: BG064540.D  
Acq: 17 Oct 2025 17:51

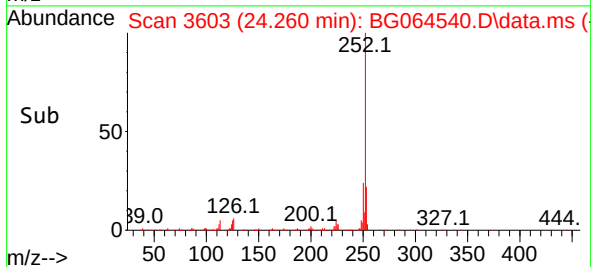
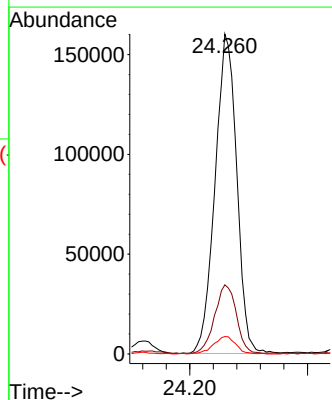
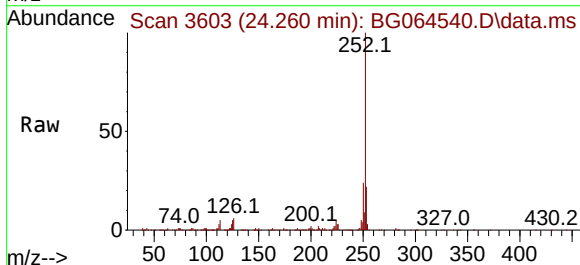
Instrument :  
BNA\_G  
ClientSampleId :  
COMP01-20251015MSD

Tgt Ion:252 Resp: 420067  
Ion Ratio Lower Upper  
252 100  
253 21.0 17.4 26.2  
125 4.9 4.0 6.0

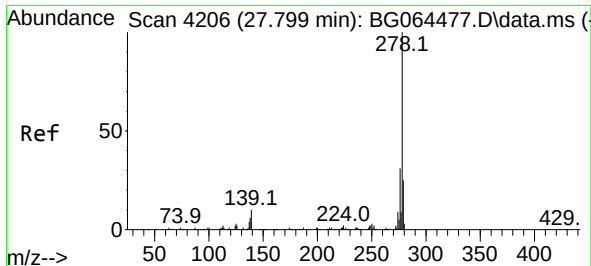


#90  
Benzo(a)pyrene  
Concen: 62.428 ng  
RT: 24.260 min Scan# 3603  
Delta R.T. 0.011 min  
Lab File: BG064540.D  
Acq: 17 Oct 2025 17:51

Tgt Ion:252 Resp: 409057  
Ion Ratio Lower Upper  
252 100  
253 21.6 17.1 25.7  
125 5.5 4.6 6.8



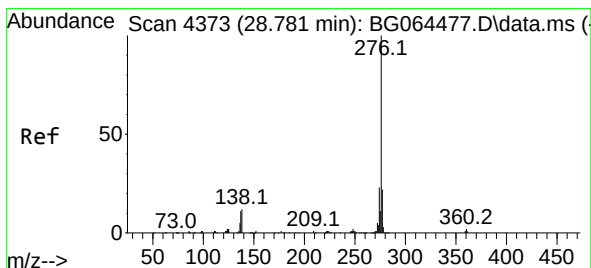
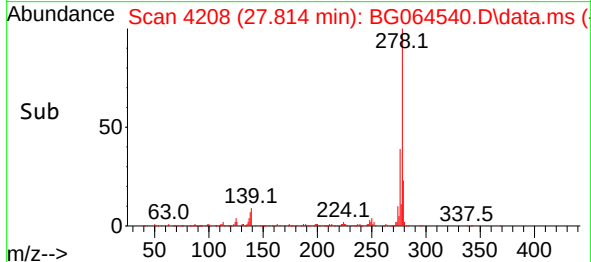
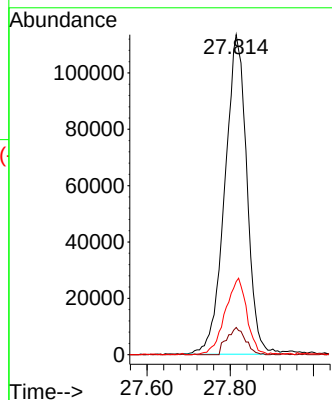
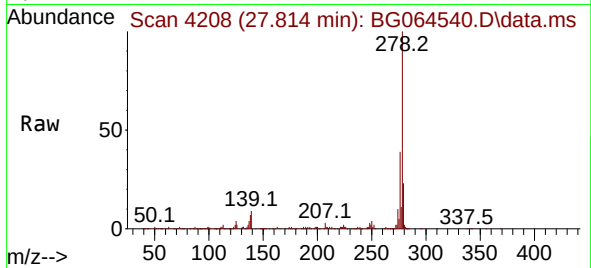




#91  
Dibenzo(a,h)anthracene  
Concen: 59.935 ng  
RT: 27.814 min Scan# 41  
Delta R.T. 0.035 min  
Lab File: BG064540.D  
Acq: 17 Oct 2025 17:51

Instrument :  
BNA\_G  
ClientSampleId :  
COMP01-20251015MSD

Tgt Ion:278 Resp: 416939  
Ion Ratio Lower Upper  
278 100  
139 8.5 8.2 12.2  
279 22.9 19.6 29.4



#92  
Benzo(g,h,i)perylene  
Concen: 62.538 ng  
RT: 28.807 min Scan# 4377  
Delta R.T. 0.041 min  
Lab File: BG064540.D  
Acq: 17 Oct 2025 17:51

Tgt Ion:276 Resp: 422774  
Ion Ratio Lower Upper  
276 100  
277 23.5 17.8 26.6  
138 10.2 9.4 14.0

