

Data Path : Z:\svoasrv\HPCHEM1\BNA\_G\Data\BG092225\  
 Data File : BG064423.D  
 Acq On : 22 Sep 2025 20:21  
 Operator : RC/JU  
 Sample : Q3133-02MS  
 Misc :  
 ALS Vial : 7 Sample Multiplier: 1

Instrument :  
 BNA\_G  
 ClientSampleId :

Quant Time: Sep 23 01:52:18 2025  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_G\Methods\8270-BG082825.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Thu Aug 28 17:41:58 2025  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc    | Units | Dev(Min) |
|-------------------------------|--------|------|----------|---------|-------|----------|
| -----                         |        |      |          |         |       |          |
| Internal Standards            |        |      |          |         |       |          |
| 1) 1,4-Dichlorobenzene-d4     | 7.838  | 152  | 18545    | 20.000  | ng    | -0.02    |
| 21) Naphthalene-d8            | 10.629 | 136  | 77973    | 20.000  | ng    | #-0.02   |
| 39) Acenaphthene-d10          | 14.466 | 164  | 58753    | 20.000  | ng    | -0.02    |
| 64) Phenanthrene-d10          | 17.210 | 188  | 142201   | 20.000  | ng    | #-0.02   |
| 76) Chrysene-d12              | 21.434 | 240  | 154879   | 20.000  | ng    | #-0.02   |
| 86) Perylene-d12              | 24.430 | 264  | 170575   | 20.000  | ng    | -0.03    |
| System Monitoring Compounds   |        |      |          |         |       |          |
| 5) 2-Fluorophenol             | 5.435  | 112  | 160043   | 154.830 | ng    | 0.00     |
| 7) Phenol-d6                  | 7.021  | 99   | 207532   | 146.141 | ng    | 0.00     |
| 23) Nitrobenzene-d5           | 8.996  | 82   | 162657   | 116.341 | ng    | -0.02    |
| 42) 2,4,6-Tribromophenol      | 15.958 | 330  | 171366   | 220.205 | ng    | -0.02    |
| 45) 2-Fluorobiphenyl          | 13.091 | 172  | 445478   | 115.731 | ng    | -0.02    |
| 79) Terphenyl-d14             | 19.824 | 244  | 905293   | 121.951 | ng    | -0.02    |
| Target Compounds              |        |      |          |         |       |          |
|                               |        |      |          |         |       | Qvalue   |
| 2) 1,4-Dioxane                | 3.355  | 88   | 14678    | 34.068  | ng    | # 54     |
| 3) Pyridine                   | 3.749  | 79   | 39272    | 30.966  | ng    | # 63     |
| 4) n-Nitrosodimethylamine     | 3.655  | 42   | 42644    | 50.835  | ng    | # 88     |
| 6) Aniline                    | 7.168  | 93   | 52406    | 26.686  | ng    | 98       |
| 8) 2-Chlorophenol             | 7.409  | 128  | 64498    | 51.062  | ng    | 97       |
| 9) Benzaldehyde               | 6.980  | 77   | 32353    | 27.684  | ng    | 99       |
| 10) Phenol                    | 7.045  | 94   | 69947    | 44.676  | ng    | 80       |
| 11) bis(2-Chloroethyl)ether   | 7.262  | 93   | 46445    | 39.477  | ng    | 96       |
| 12) 1,3-Dichlorobenzene       | 7.732  | 146  | 63968    | 47.603  | ng    | 98       |
| 13) 1,4-Dichlorobenzene       | 7.873  | 146  | 66232    | 48.837  | ng    | 90       |
| 14) 1,2-Dichlorobenzene       | 8.191  | 146  | 65348    | 49.926  | ng    | 95       |
| 15) Benzyl Alcohol            | 8.079  | 79   | 68639    | 52.377  | ng    | # 90     |
| 16) 2,2'-oxybis(1-Chloropr... | 8.373  | 45   | 83871    | 31.224  | ng    | 98       |
| 17) 2-Methylphenol            | 8.285  | 107  | 55111    | 47.230  | ng    | 95       |
| 18) Hexachloroethane          | 8.919  | 117  | 24012    | 45.358  | ng    | # 73     |
| 19) n-Nitroso-di-n-propyla... | 8.649  | 70   | 48179    | 44.329  | ng    | 99       |
| 20) 3+4-Methylphenols         | 8.614  | 107  | 77736    | 47.945  | ng    | 93       |
| 22) Acetophenone              | 8.661  | 105  | 112672   | 57.117  | ng    | # 95     |
| 24) Nitrobenzene              | 9.037  | 77   | 75186    | 51.471  | ng    | 98       |
| 25) Isophorone                | 9.560  | 82   | 143066   | 49.236  | ng    | 99       |
| 26) 2-Nitrophenol             | 9.742  | 139  | 35629    | 56.448  | ng    | # 84     |
| 27) 2,4-Dimethylphenol        | 9.806  | 122  | 69613    | 62.818  | ng    | 99       |
| 28) bis(2-Chloroethoxy)met... | 10.041 | 93   | 74332    | 47.442  | ng    | 98       |
| 29) 2,4-Dichlorophenol        | 10.282 | 162  | 72448    | 61.961  | ng    | 97       |
| 30) 1,2,4-Trichlorobenzene    | 10.494 | 180  | 69609    | 56.462  | ng    | 98       |
| 31) Naphthalene               | 10.676 | 128  | 203460   | 50.320  | ng    | 99       |
| 32) Benzoic acid              | 10.006 | 122  | 72861    | 82.829  | ng    | 98       |
| 33) 4-Chloroaniline           | 10.788 | 127  | 14637    | 9.340   | ng    | # 90     |
| 34) Hexachlorobutadiene       | 10.964 | 225  | 55690    | 61.109  | ng    | 94       |
| 35) Caprolactam               | 11.569 | 113  | 7613     | 16.815  | ng    | # 90     |
| 36) 4-Chloro-3-methylphenol   | 11.922 | 107  | 87856    | 57.912  | ng    | 97       |
| 37) 2-Methylnaphthalene       | 12.286 | 142  | 148735   | 49.489  | ng    | 93       |
| 38) 1-Methylnaphthalene       | 12.509 | 142  | 155081   | 52.242  | ng    | 98       |
| 40) 1,2,4,5-Tetrachloroben... | 12.662 | 216  | 111347   | 65.683  | ng    | 99       |
| 41) Hexachlorocyclopentadiene | 12.644 | 237  | 127984   | 158.853 | ng    | 94       |
| 43) 2,4,6-Trichlorophenol     | 12.897 | 196  | 65956    | 58.211  | ng    | 91       |

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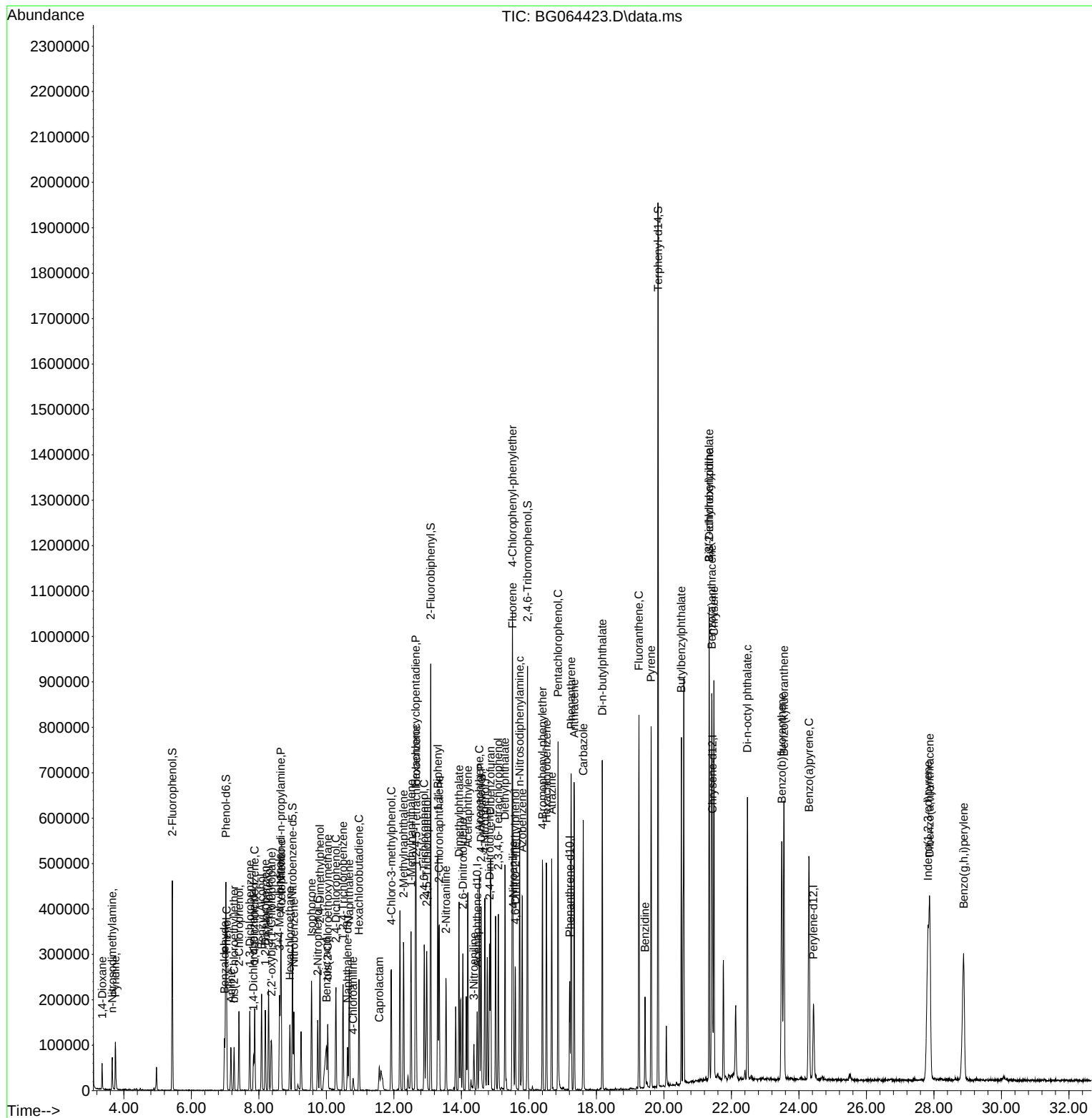
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 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_G\Methods\8270-BG082825.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Thu Aug 28 17:41:58 2025  
 Response via : Initial Calibration

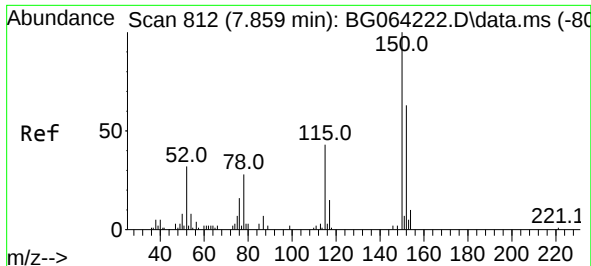
| Compound                      | R.T.   | QIon | Response | Conc    | Units | Dev(Min) |
|-------------------------------|--------|------|----------|---------|-------|----------|
| 44) 2,4,5-Trichlorophenol     | 12.973 | 196  | 75832    | 61.697  | ng    | 96       |
| 46) 1,1'-Biphenyl             | 13.302 | 154  | 256107   | 59.848  | ng    | 97       |
| 47) 2-Chloronaphthalene       | 13.338 | 162  | 170068   | 52.864  | ng    | 98       |
| 48) 2-Nitroaniline            | 13.543 | 65   | 64267    | 58.610  | ng    | 92       |
| 49) Acenaphthylene            | 14.190 | 152  | 296924   | 62.436  | ng    | 99       |
| 50) Dimethylphthalate         | 13.931 | 163  | 248666   | 55.916  | ng    | 99       |
| 51) 2,6-Dinitrotoluene        | 14.043 | 165  | 55877    | 64.903  | ng    | 97       |
| 52) Acenaphthene              | 14.530 | 154  | 171144   | 50.995  | ng    | 96       |
| 53) 3-Nitroaniline            | 14.372 | 138  | 21486    | 23.825  | ng    | 97       |
| 54) 2,4-Dinitrophenol         | 14.583 | 184  | 72862    | 126.035 | ng    | # 82     |
| 55) Dibenzofuran              | 14.865 | 168  | 295101   | 55.902  | ng    | 99       |
| 56) 4-Nitrophenol             | 14.695 | 139  | 79822    | 107.902 | ng    | # 85     |
| 57) 2,4-Dinitrotoluene        | 14.836 | 165  | 79938    | 61.409  | ng    | 99       |
| 58) Fluorene                  | 15.517 | 166  | 252313   | 58.315  | ng    | 99       |
| 59) 2,3,4,6-Tetrachlorophenol | 15.094 | 232  | 76886    | 65.039  | ng    | # 99     |
| 60) Diethylphthalate          | 15.288 | 149  | 266262   | 55.945  | ng    | 100      |
| 61) 4-Chlorophenyl-phenyle... | 15.512 | 204  | 130266   | 60.386  | ng    | 98       |
| 62) 4-Nitroaniline            | 15.535 | 138  | 51965    | 56.470  | ng    | # 86     |
| 63) Azobenzene                | 15.805 | 77   | 226613   | 53.422  | ng    | 95       |
| 65) 4,6-Dinitro-2-methylph... | 15.600 | 198  | 54217    | 66.408  | ng    | 88       |
| 66) n-Nitrosodiphenylamine    | 15.723 | 169  | 218474   | 55.850  | ng    | 98       |
| 67) 4-Bromophenyl-phenylether | 16.405 | 248  | 92242    | 61.073  | ng    | 94       |
| 68) Hexachlorobenzene         | 16.522 | 284  | 103331   | 61.608  | ng    | 91       |
| 69) Atrazine                  | 16.675 | 200  | 99037    | 60.634  | ng    | 95       |
| 70) Pentachlorophenol         | 16.863 | 266  | 136826   | 134.543 | ng    | 92       |
| 71) Phenanthrene              | 17.251 | 178  | 416477   | 55.529  | ng    | 98       |
| 72) Anthracene                | 17.339 | 178  | 430185   | 56.386  | ng    | 99       |
| 73) Carbazole                 | 17.609 | 167  | 380102   | 56.555  | ng    | 98       |
| 74) Di-n-butylphthalate       | 18.173 | 149  | 463552   | 57.408  | ng    | # 98     |
| 75) Fluoranthene              | 19.260 | 202  | 513695   | 58.250  | ng    | 95       |
| 77) Benzidine                 | 19.442 | 184  | 118256   | 36.296  | ng    | 96       |
| 78) Pyrene                    | 19.618 | 202  | 524732   | 53.777  | ng    | 99       |
| 80) Butylbenzylphthalate      | 20.517 | 149  | 205141   | 55.740  | ng    | 94       |
| 81) Benzo(a)anthracene        | 21.416 | 228  | 548696   | 55.376  | ng    | 98       |
| 82) 3,3'-Dichlorobenzidine    | 21.340 | 252  | 81549    | 25.271  | ng    | 94       |
| 83) Chrysene                  | 21.481 | 228  | 510784   | 53.696  | ng    | 100      |
| 84) Bis(2-ethylhexyl)phtha... | 21.340 | 149  | 295940   | 53.560  | ng    | 98       |
| 85) Di-n-octyl phthalate      | 22.474 | 149  | 501675   | 52.108  | ng    | 97       |
| 87) Indeno(1,2,3-cd)pyrene    | 27.826 | 276  | 655089   | 56.237  | ng    | 99       |
| 88) Benzo(b)fluoranthene      | 23.496 | 252  | 533862   | 55.454  | ng    | # 95     |
| 89) Benzo(k)fluoranthene      | 23.555 | 252  | 550421   | 56.121  | ng    | # 96     |
| 90) Benzo(a)pyrene            | 24.295 | 252  | 522408   | 58.335  | ng    | # 97     |
| 91) Dibenzo(a,h)anthracene    | 27.874 | 278  | 539205   | 57.651  | ng    | # 95     |
| 92) Benzo(g,h,i)perylene      | 28.878 | 276  | 527184   | 57.926  | ng    | # 94     |

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

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BNA\_G  
**ClientSampleId :**

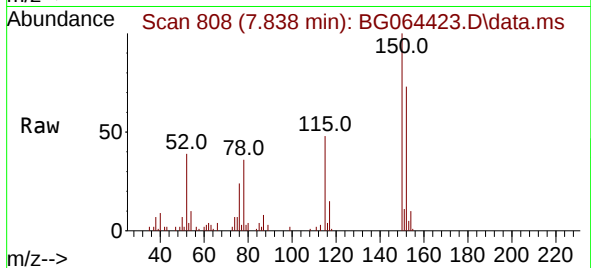
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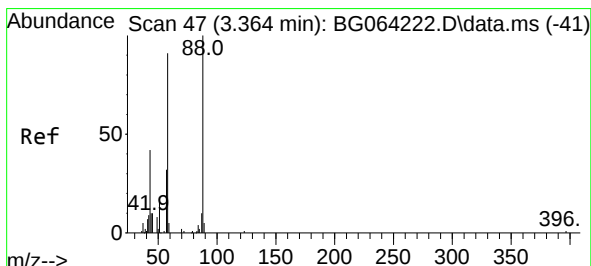
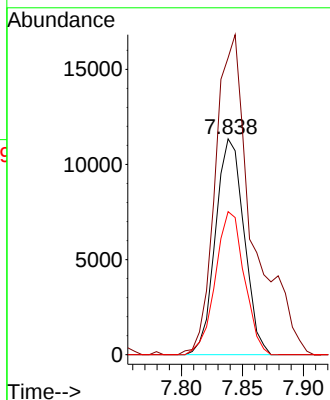
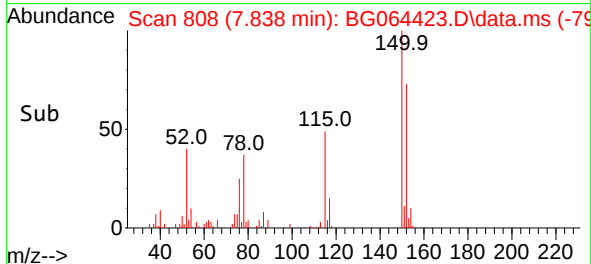


#1  
1,4-Dichlorobenzene-d4  
Concen: 20.000 ng  
RT: 7.838 min Scan# 80  
Delta R.T. -0.021 min  
Lab File: BG064423.D  
Acq: 22 Sep 2025 20:21

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BNA\_G  
ClientSampleId :

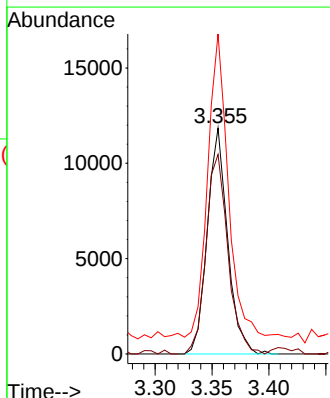
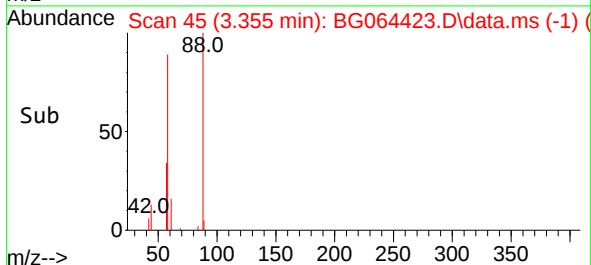
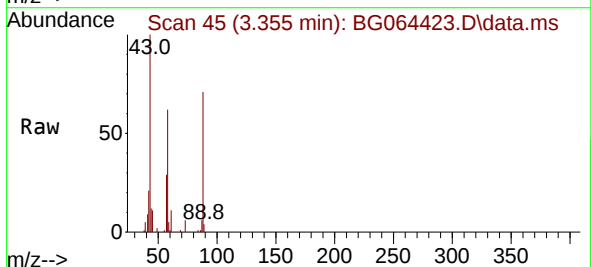


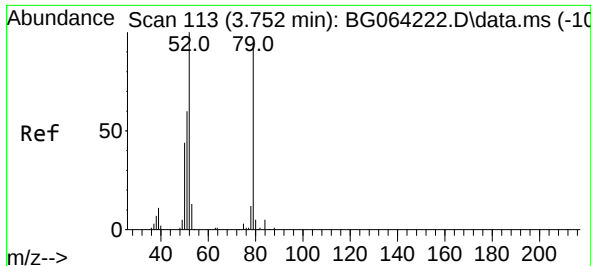
Tgt Ion:152 Resp: 18545  
Ion Ratio Lower Upper  
152 100  
150 137.6 128.0 192.0  
115 66.3 55.7 83.5



#2  
1,4-Dioxane  
Concen: 34.068 ng  
RT: 3.355 min Scan# 45  
Delta R.T. -0.003 min  
Lab File: BG064423.D  
Acq: 22 Sep 2025 20:21

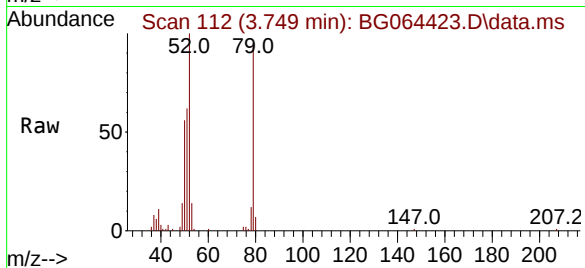
Tgt Ion: 88 Resp: 14678  
Ion Ratio Lower Upper  
88 100  
58 95.4 80.8 121.2  
43 137.8 40.3 60.5#



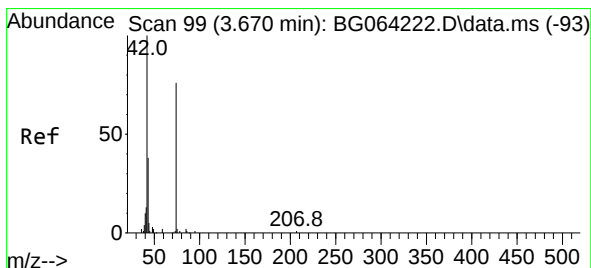
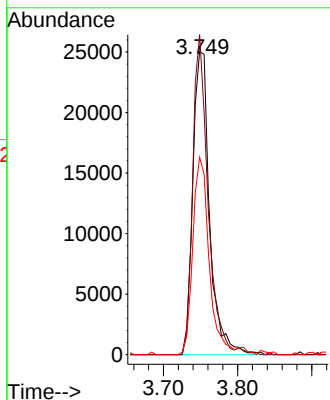
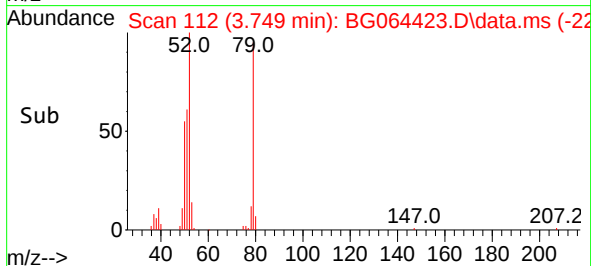


#3  
Pyridine  
Concen: 30.966 ng  
RT: 3.749 min Scan# 11  
Delta R.T. -0.003 min  
Lab File: BG064423.D  
Acq: 22 Sep 2025 20:21

Instrument :  
BNA\_G  
ClientSampleId :

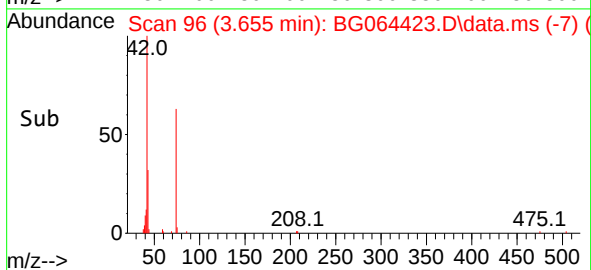
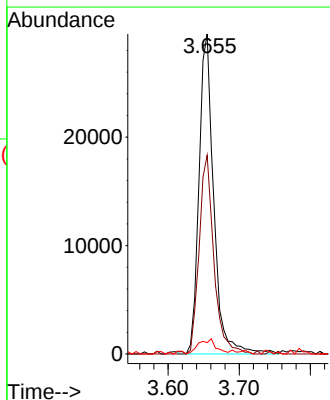
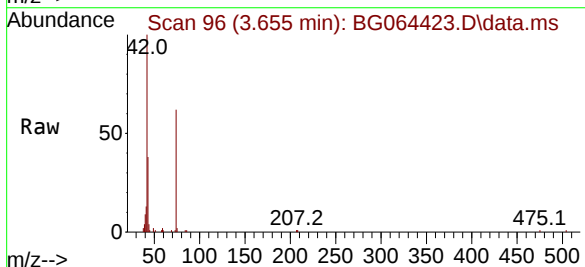


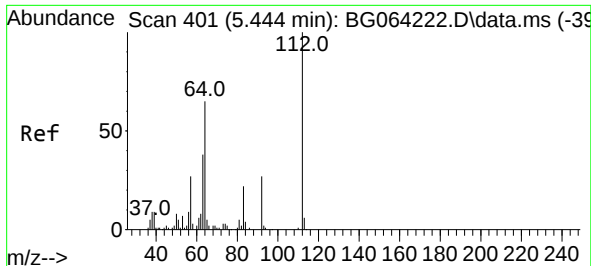
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Ion Ratio Lower Upper  
79 100  
52 105.6 86.6 129.8  
51 65.1 114.1 171.1#



#4  
n-Nitrosodimethylamine  
Concen: 50.835 ng  
RT: 3.655 min Scan# 96  
Delta R.T. -0.009 min  
Lab File: BG064423.D  
Acq: 22 Sep 2025 20:21

Tgt Ion: 42 Resp: 42644  
Ion Ratio Lower Upper  
42 100  
74 62.1 58.0 87.0  
44 3.6 5.5 8.3#

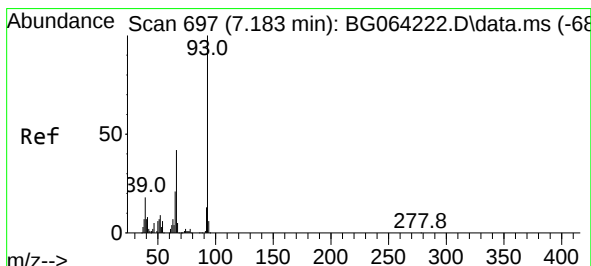
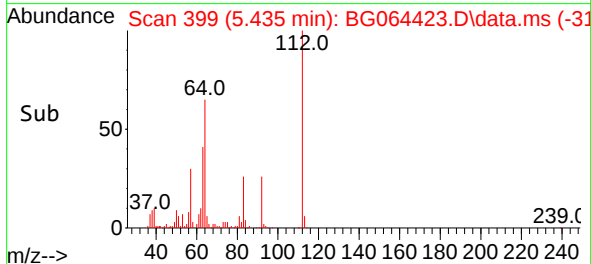
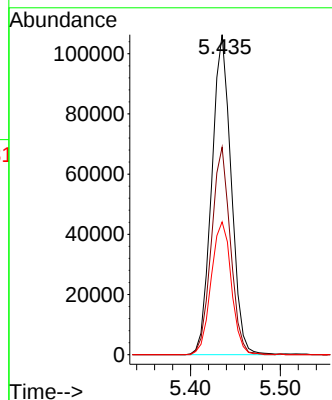
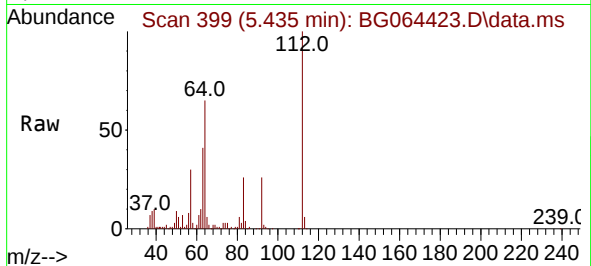




#5  
2-Fluorophenol  
Concen: 154.830 ng  
RT: 5.435 min Scan# 399  
Delta R.T. -0.009 min  
Lab File: BG064423.D  
Acq: 22 Sep 2025 20:21

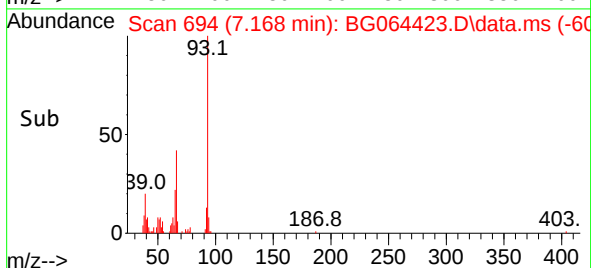
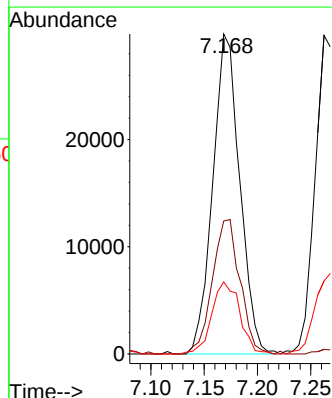
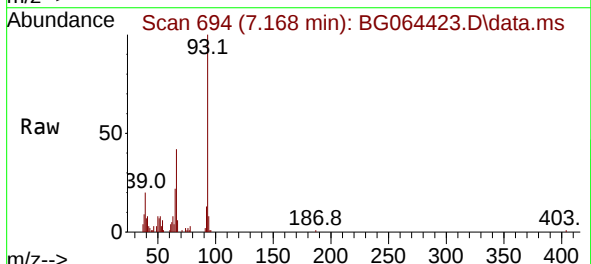
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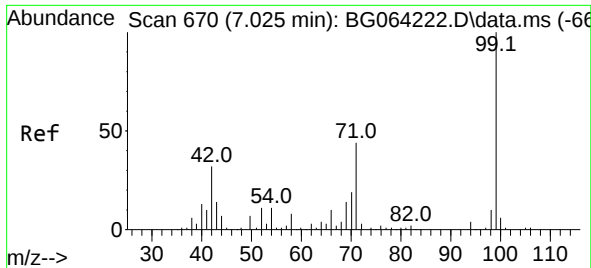
Tgt Ion:112 Resp: 160043  
Ion Ratio Lower Upper  
112 100  
64 64.8 51.8 77.6  
63 41.5 30.6 45.8



#6  
Aniline  
Concen: 26.686 ng  
RT: 7.168 min Scan# 694  
Delta R.T. -0.021 min  
Lab File: BG064423.D  
Acq: 22 Sep 2025 20:21

Tgt Ion: 93 Resp: 52406  
Ion Ratio Lower Upper  
93 100  
66 41.6 33.8 50.8  
65 22.5 16.9 25.3

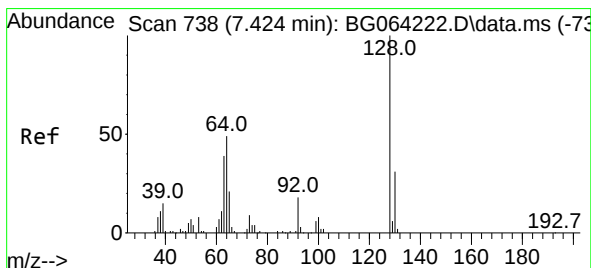
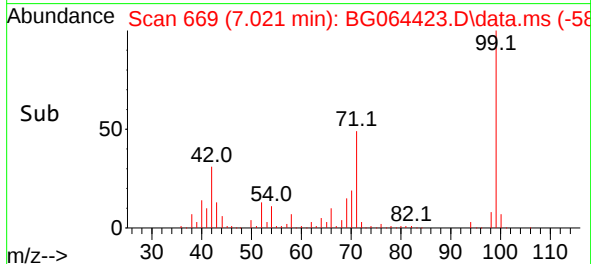
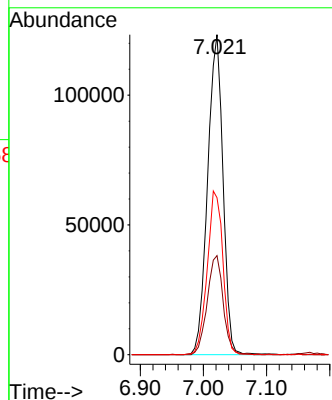
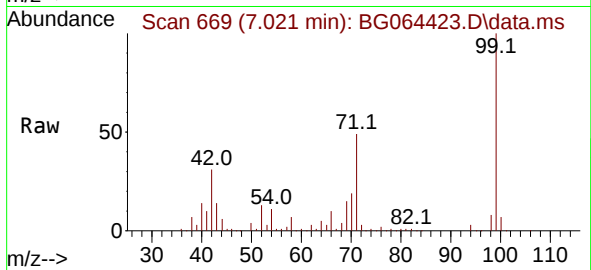




#7  
Phenol-d6  
Concen: 146.141 ng  
RT: 7.021 min Scan# 609  
Delta R.T. -0.009 min  
Lab File: BG064423.D  
Acq: 22 Sep 2025 20:21

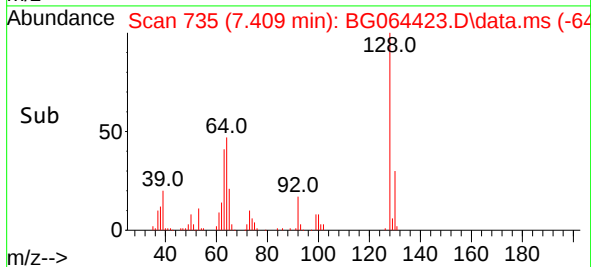
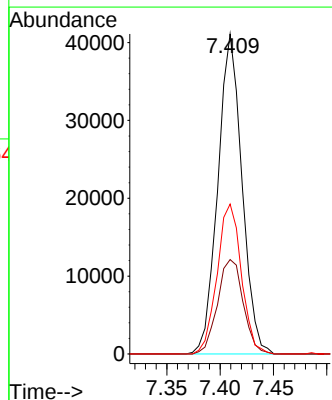
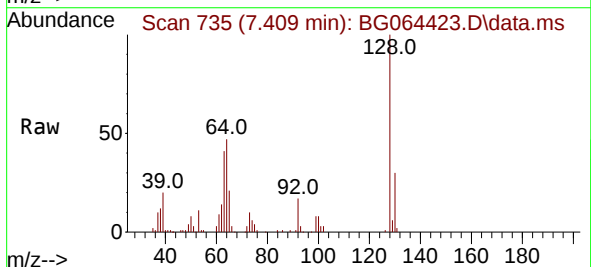
Instrument :  
BNA\_G  
ClientSampleId :

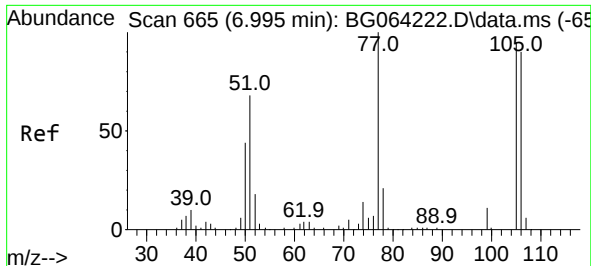
Tgt Ion: 99 Resp: 207532  
Ion Ratio Lower Upper  
99 100  
42 31.0 25.8 38.8  
71 49.0 35.2 52.8



#8  
2-Chlorophenol  
Concen: 51.062 ng  
RT: 7.409 min Scan# 735  
Delta R.T. -0.015 min  
Lab File: BG064423.D  
Acq: 22 Sep 2025 20:21

Tgt Ion: 128 Resp: 64498  
Ion Ratio Lower Upper  
128 100  
130 29.5 10.9 50.9  
64 46.8 28.7 68.7

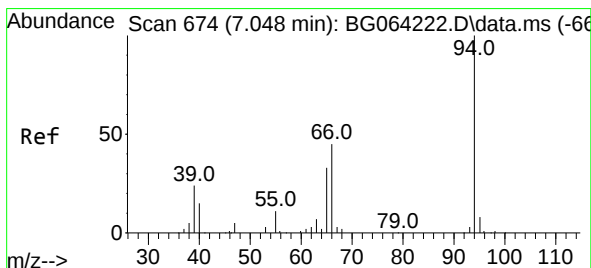
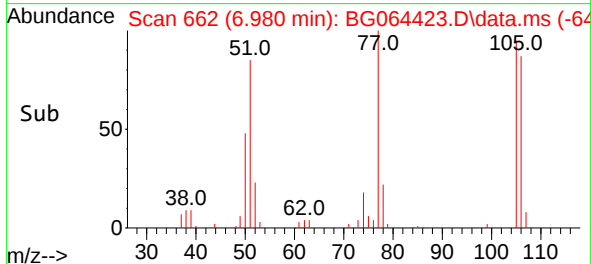
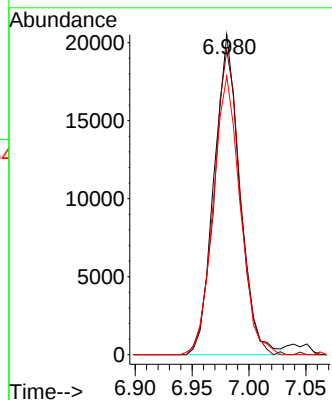
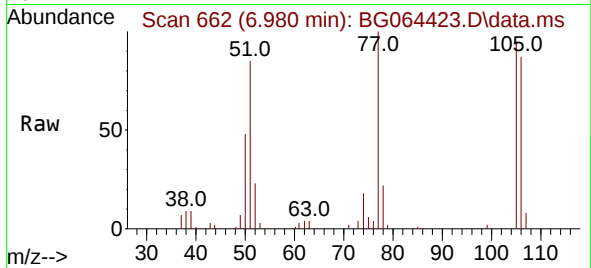




#9  
Benzaldehyde  
Concen: 27.684 ng  
RT: 6.980 min Scan# 662  
Delta R.T. -0.015 min  
Lab File: BG064423.D  
Acq: 22 Sep 2025 20:21

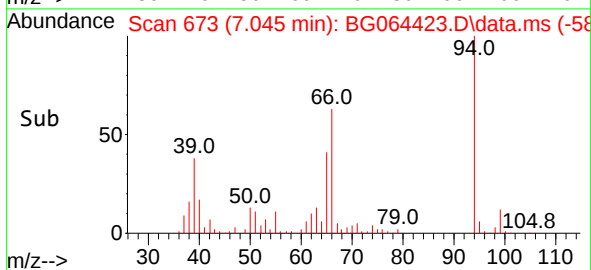
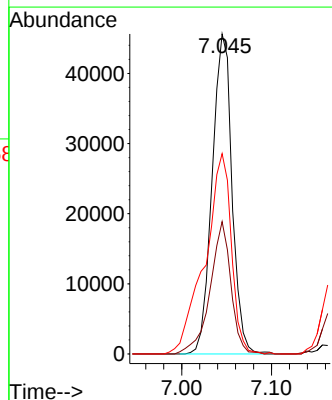
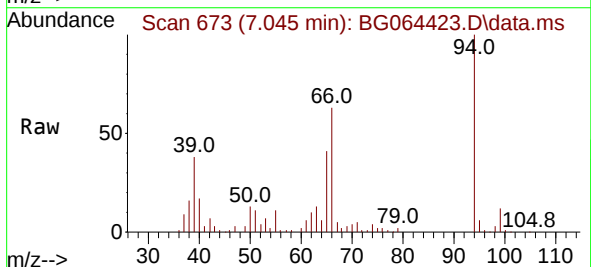
Instrument :  
BNA\_G  
ClientSampleId :

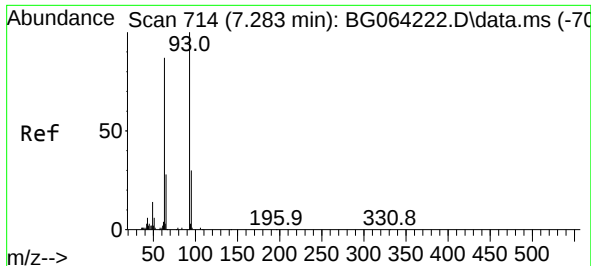
Tgt Ion: 77 Resp: 32353  
Ion Ratio Lower Upper  
77 100  
105 95.1 75.2 115.2  
106 87.1 69.6 109.6



#10  
Phenol  
Concen: 44.676 ng  
RT: 7.045 min Scan# 673  
Delta R.T. -0.009 min  
Lab File: BG064423.D  
Acq: 22 Sep 2025 20:21

Tgt Ion: 94 Resp: 69947  
Ion Ratio Lower Upper  
94 100  
65 41.4 13.5 53.5  
66 62.6 26.2 66.2

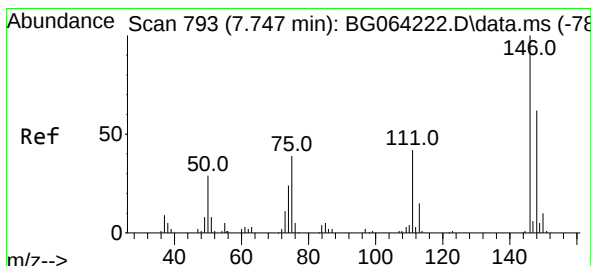
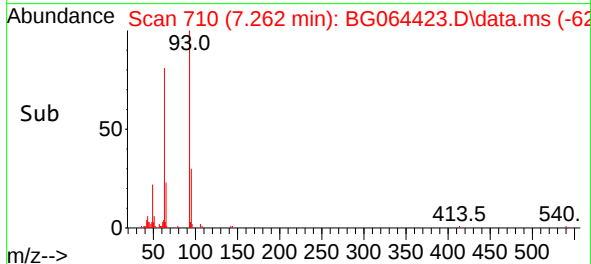
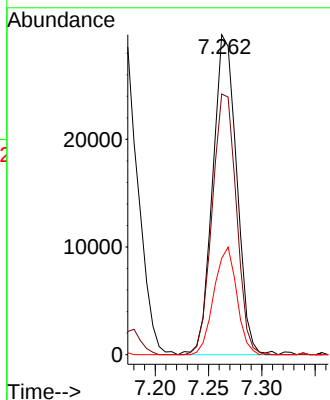
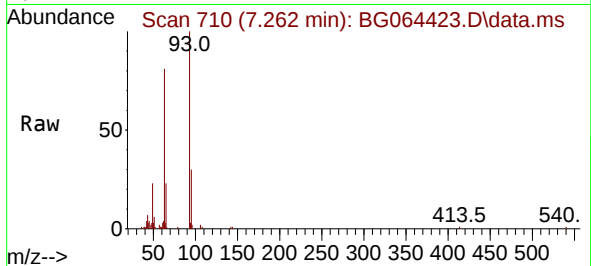




#11  
bis(2-Chloroethyl)ether  
Concen: 39.477 ng  
RT: 7.262 min Scan# 714  
Delta R.T. -0.021 min  
Lab File: BG064423.D  
Acq: 22 Sep 2025 20:21

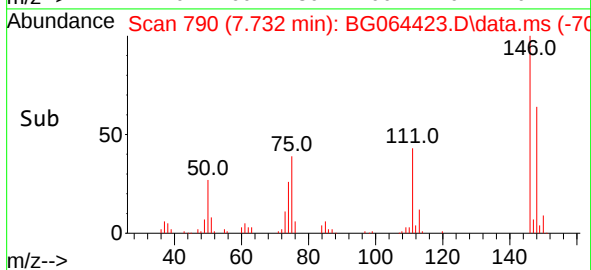
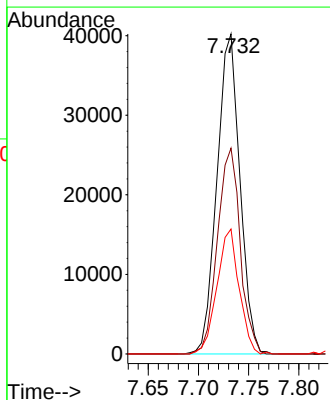
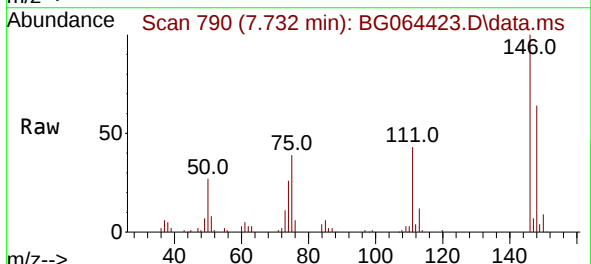
Instrument :  
BNA\_G  
ClientSampleId :

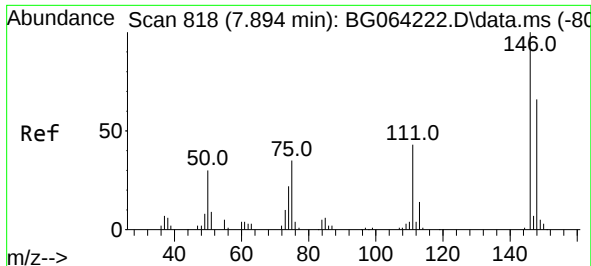
Tgt Ion: 93 Resp: 46445  
Ion Ratio Lower Upper  
93 100  
63 81.5 66.2 106.2  
95 30.1 9.8 49.8



#12  
1,3-Dichlorobenzene  
Concen: 47.603 ng  
RT: 7.732 min Scan# 790  
Delta R.T. -0.015 min  
Lab File: BG064423.D  
Acq: 22 Sep 2025 20:21

Tgt Ion:146 Resp: 63968  
Ion Ratio Lower Upper  
146 100  
148 64.3 49.6 74.4  
75 39.1 31.0 46.6





#13

1,4-Dichlorobenzene

Concen: 48.837 ng

RT: 7.873 min Scan# 814

Delta R.T. -0.021 min

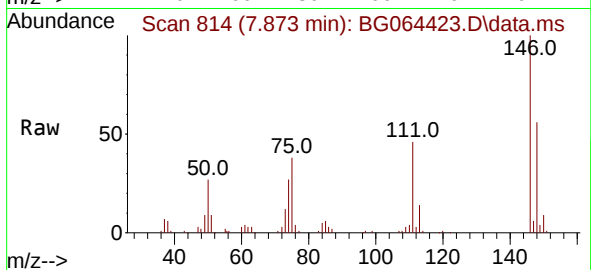
Lab File: BG064423.D

Acq: 22 Sep 2025 20:21

Instrument :

BNA\_G

ClientSampleId :



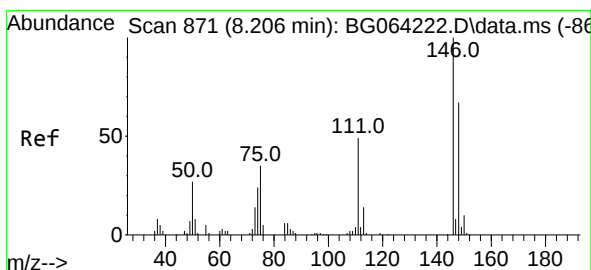
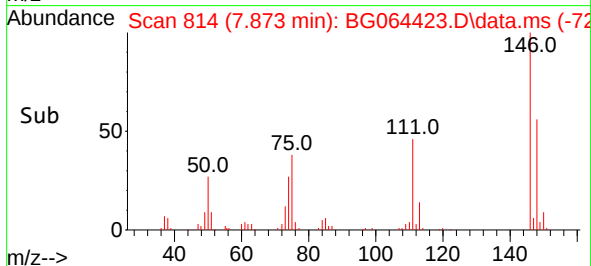
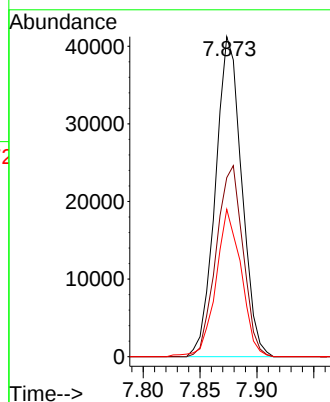
Tgt Ion:146 Resp: 66232

Ion Ratio Lower Upper

146 100

148 56.0 52.8 79.2

111 46.1 34.1 51.1



#14

1,2-Dichlorobenzene

Concen: 49.926 ng

RT: 8.191 min Scan# 868

Delta R.T. -0.021 min

Lab File: BG064423.D

Acq: 22 Sep 2025 20:21

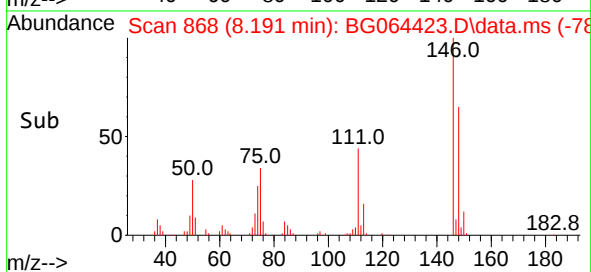
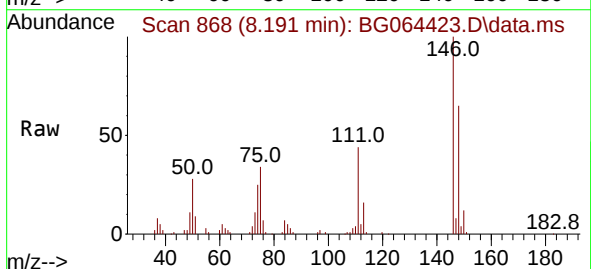
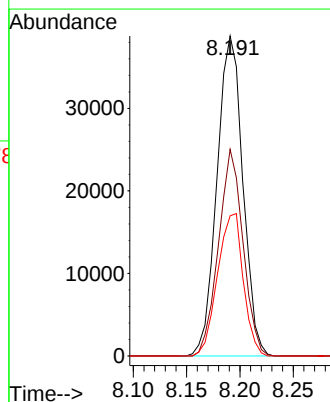
Tgt Ion:146 Resp: 65348

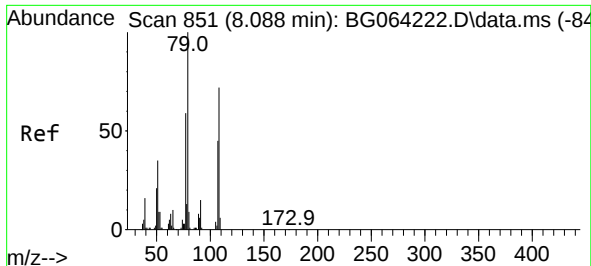
Ion Ratio Lower Upper

146 100

148 64.6 53.4 80.0

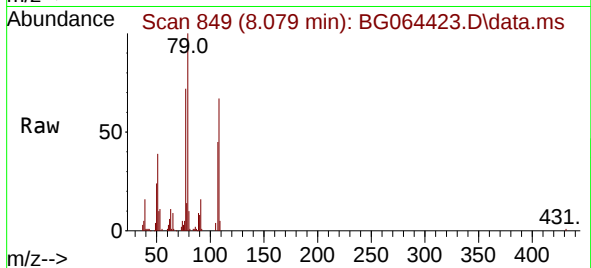
111 43.8 39.1 58.7



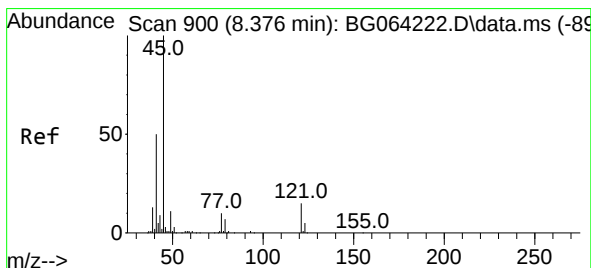
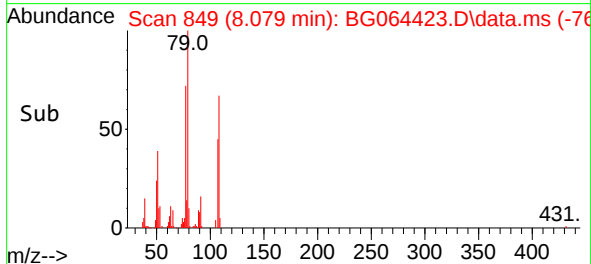
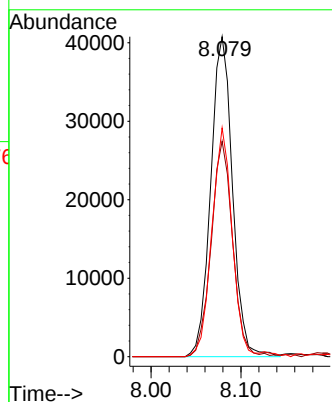


#15  
Benzyl Alcohol  
Concen: 52.377 ng  
RT: 8.079 min Scan# 84  
Delta R.T. -0.015 min  
Lab File: BG064423.D  
Acq: 22 Sep 2025 20:21

Instrument :  
BNA\_G  
ClientSampleId :

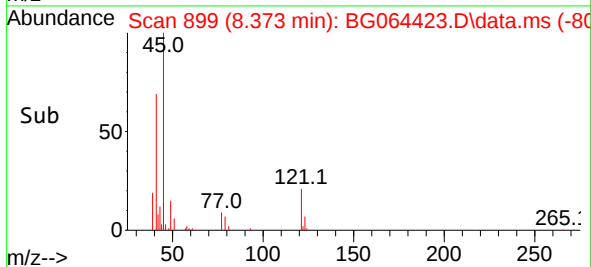
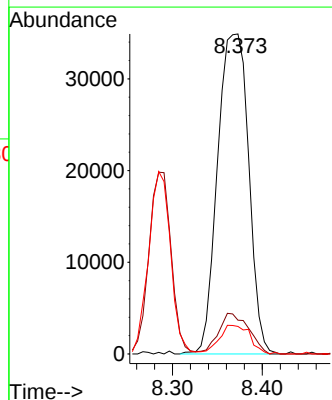
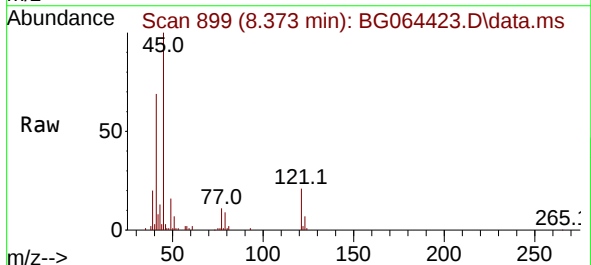


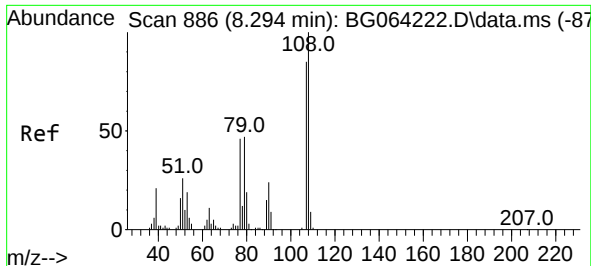
Tgt Ion: 79 Resp: 68639  
Ion Ratio Lower Upper  
79 100  
108 67.3 57.4 86.0  
77 71.5 47.2 70.8#



#16  
2,2'-oxybis(1-Chloropropane)  
Concen: 31.224 ng  
RT: 8.373 min Scan# 899  
Delta R.T. -0.003 min  
Lab File: BG064423.D  
Acq: 22 Sep 2025 20:21

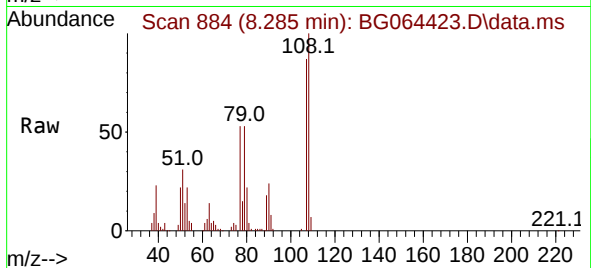
Tgt Ion: 45 Resp: 83871  
Ion Ratio Lower Upper  
45 100  
77 10.5 0.0 30.0  
79 8.6 0.0 27.9



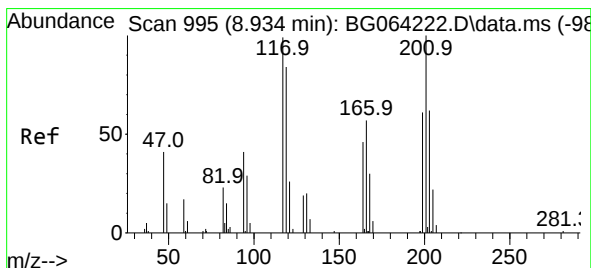
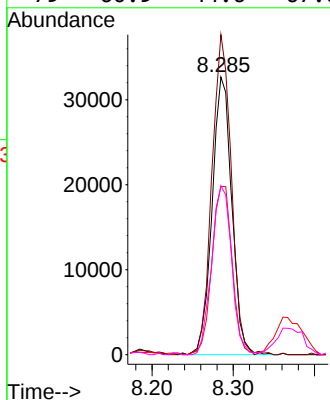
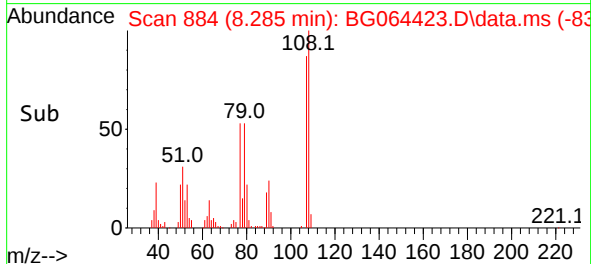


#17  
2-Methylphenol  
Concen: 47.230 ng  
RT: 8.285 min Scan# 884  
Delta R.T. -0.015 min  
Lab File: BG064423.D  
Acq: 22 Sep 2025 20:21

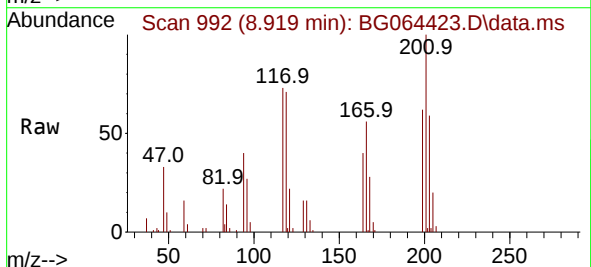
Instrument :  
BNA\_G  
ClientSampleId :



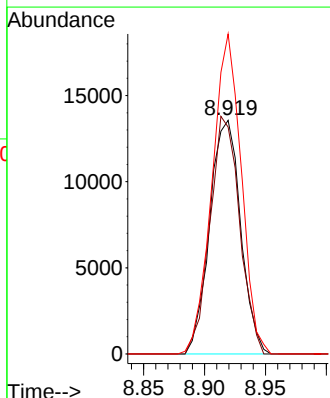
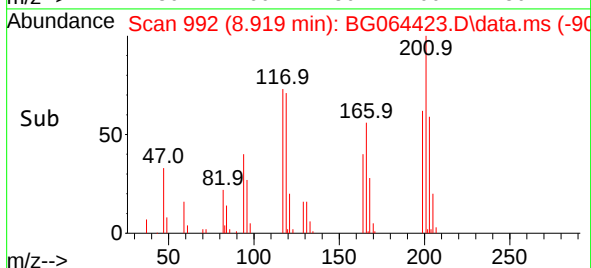
|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 107   | Resp: | 55111 |
| Ion Ratio | Lower | Upper |       |
| 107       | 100   |       |       |
| 108       | 115.3 | 94.6  | 141.8 |
| 77        | 60.7  | 43.7  | 65.5  |
| 79        | 60.9  | 44.6  | 67.0  |

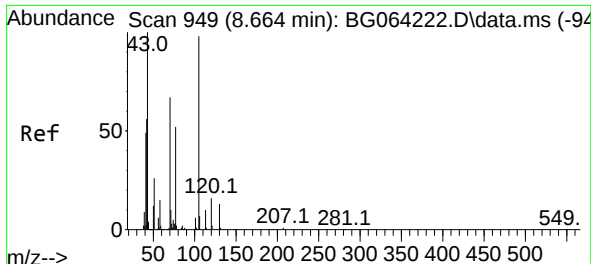


#18  
Hexachloroethane  
Concen: 45.358 ng  
RT: 8.919 min Scan# 992  
Delta R.T. -0.015 min  
Lab File: BG064423.D  
Acq: 22 Sep 2025 20:21



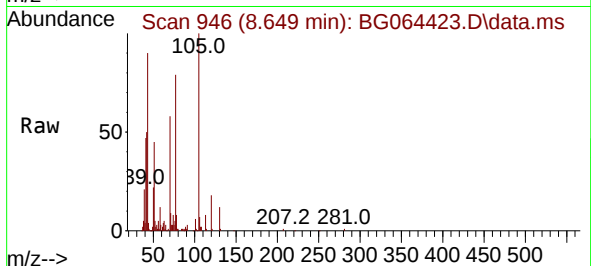
|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 117   | Resp: | 24012  |
| Ion Ratio | Lower | Upper |        |
| 117       | 100   |       |        |
| 119       | 100.2 | 67.9  | 101.9  |
| 201       | 137.0 | 80.5  | 120.7# |



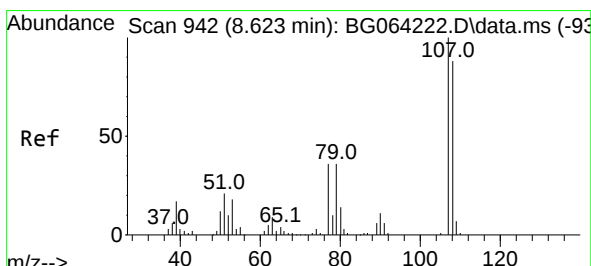
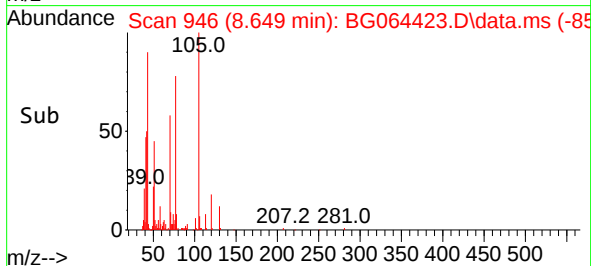
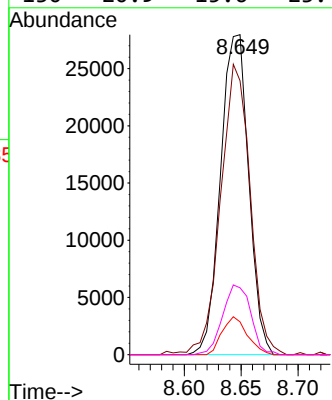


#19  
n-Nitroso-di-n-propylamine  
Concen: 44.329 ng  
RT: 8.649 min Scan# 94  
Delta R.T. -0.015 min  
Lab File: BG064423.D  
Acq: 22 Sep 2025 20:21

Instrument :  
BNA\_G  
ClientSampleId :

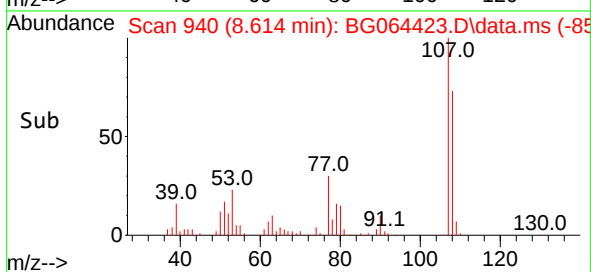
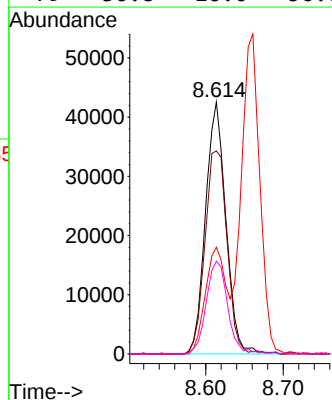
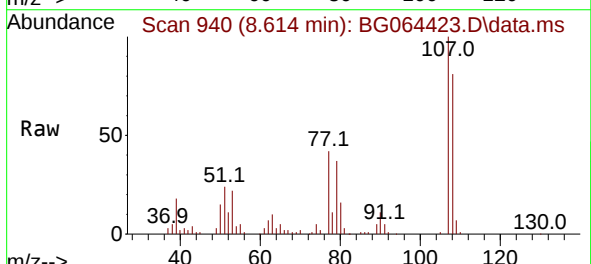


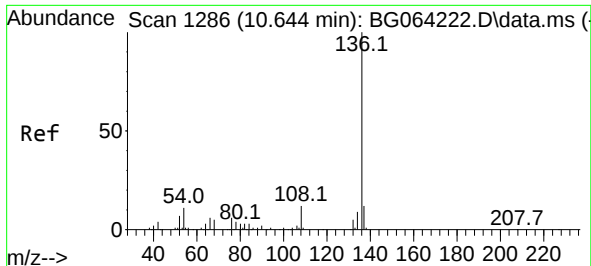
|             |             |
|-------------|-------------|
| Tgt Ion: 70 | Resp: 48179 |
| Ion Ratio   | Lower Upper |
| 70 100      |             |
| 42 85.6     | 67.9 101.9  |
| 101 10.3    | 7.3 10.9    |
| 130 20.9    | 15.6 23.4   |



#20  
3+4-Methylphenols  
Concen: 47.945 ng  
RT: 8.614 min Scan# 940  
Delta R.T. -0.015 min  
Lab File: BG064423.D  
Acq: 22 Sep 2025 20:21

|     |         |       |       |
|-----|---------|-------|-------|
| Tgt | Ion:107 | Resp: | 77736 |
| Ion | Ratio   | Lower | Upper |
| 107 | 100     |       |       |
| 108 | 80.6    | 68.1  | 108.1 |
| 77  | 42.4    | 15.9  | 55.9  |
| 79  | 36.8    | 16.0  | 56.0  |

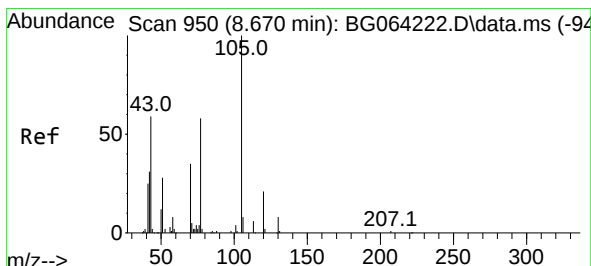
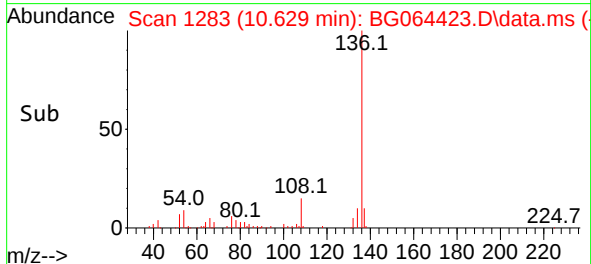
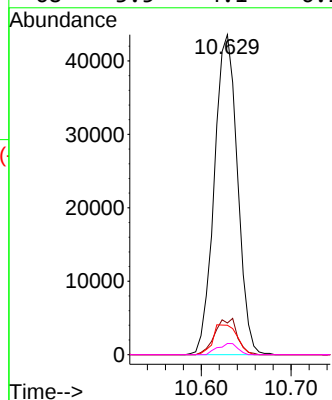
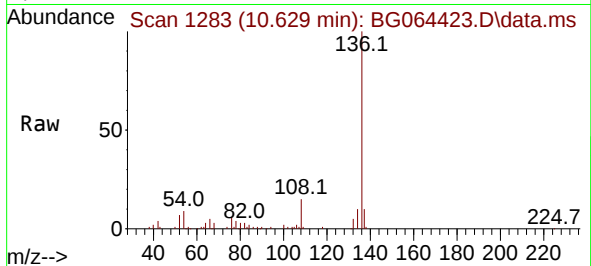




#21  
Naphthalene-d8  
Concen: 20.000 ng  
RT: 10.629 min Scan# 11  
Delta R.T. -0.021 min  
Lab File: BG064423.D  
Acq: 22 Sep 2025 20:21

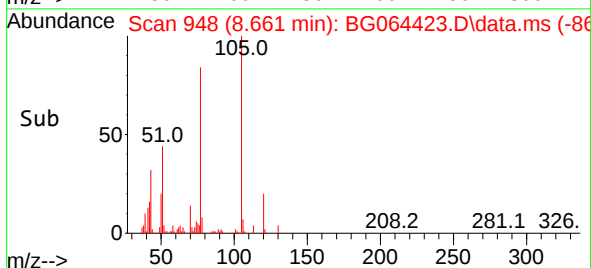
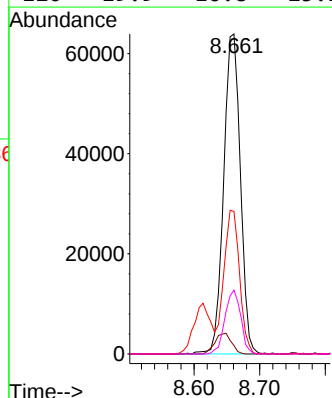
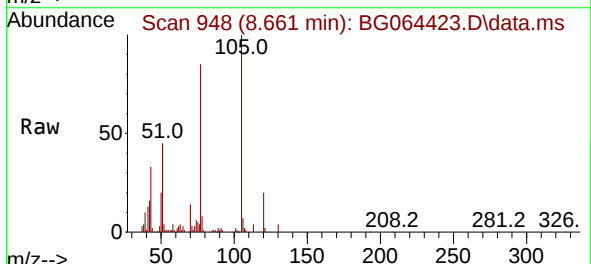
Instrument :  
BNA\_G  
ClientSampleId :

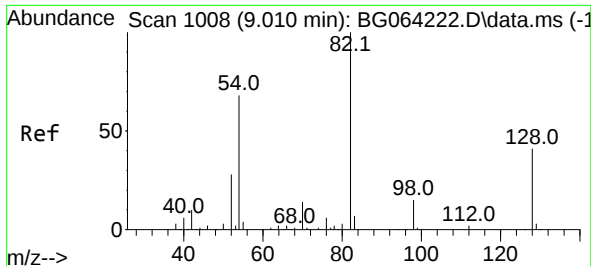
Tgt Ion:136 Resp: 77973  
Ion Ratio Lower Upper  
136 100  
137 9.9 9.6 14.4  
54 9.2 8.8 13.2  
68 3.5 4.1 6.1#



#22  
Acetophenone  
Concen: 57.117 ng  
RT: 8.661 min Scan# 948  
Delta R.T. -0.015 min  
Lab File: BG064423.D  
Acq: 22 Sep 2025 20:21

Tgt Ion:105 Resp: 112672  
Ion Ratio Lower Upper  
105 100  
71 2.7 4.3 6.5#  
51 44.5 32.4 48.6  
120 19.9 16.8 25.2





#23

Nitrobenzene-d5

Concen: 116.341 ng

RT: 8.996 min Scan# 1005

Delta R.T. -0.021 min

Lab File: BG064423.D

Acq: 22 Sep 2025 20:21

Instrument :

BNA\_G

ClientSampleId :

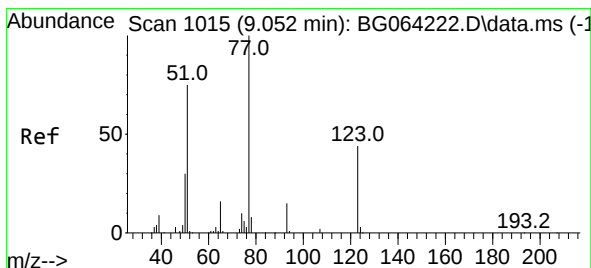
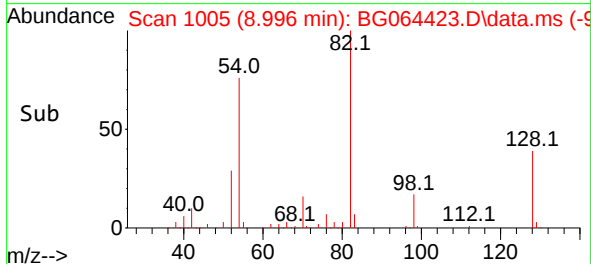
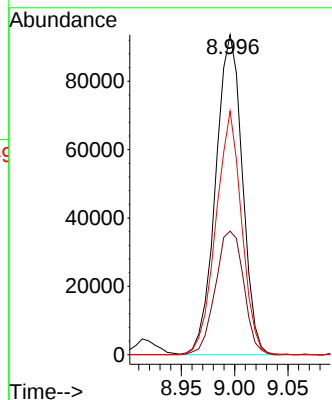
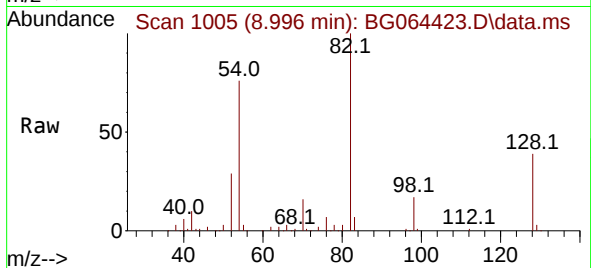
Tgt Ion: 82 Resp: 162657

Ion Ratio Lower Upper

82 100

128 38.6 32.6 48.8

54 76.1 54.7 82.1



#24

Nitrobenzene

Concen: 51.471 ng

RT: 9.037 min Scan# 1012

Delta R.T. -0.021 min

Lab File: BG064423.D

Acq: 22 Sep 2025 20:21

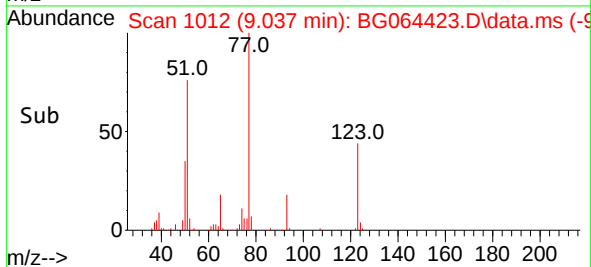
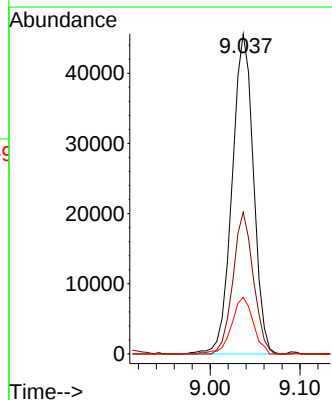
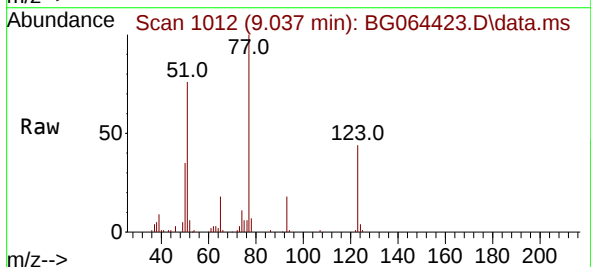
Tgt Ion: 77 Resp: 75186

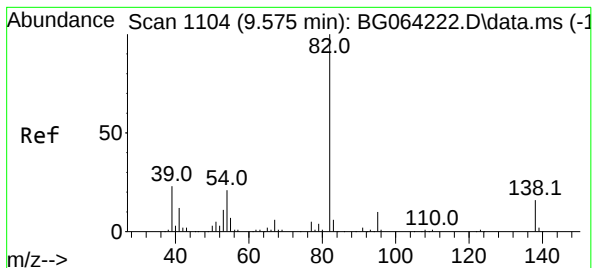
Ion Ratio Lower Upper

77 100

123 44.3 35.2 52.8

65 17.7 12.6 19.0





#25

Isophorone

Concen: 49.236 ng

RT: 9.560 min Scan# 1104

Delta R.T. -0.027 min

Lab File: BG064423.D

Acq: 22 Sep 2025 20:21

Instrument :

BNA\_G

ClientSampleId :

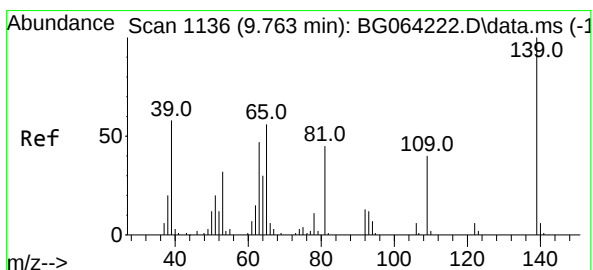
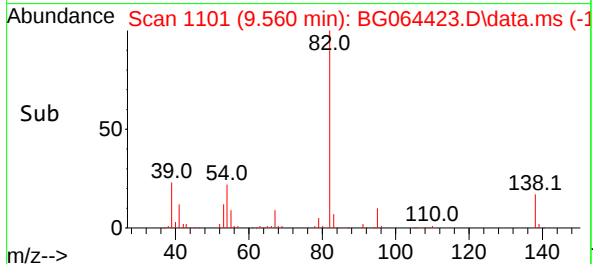
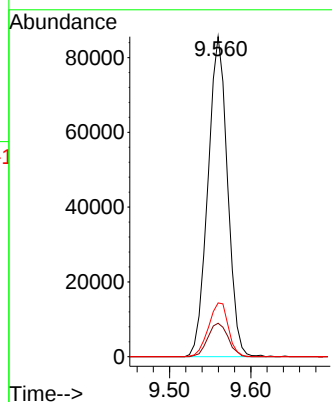
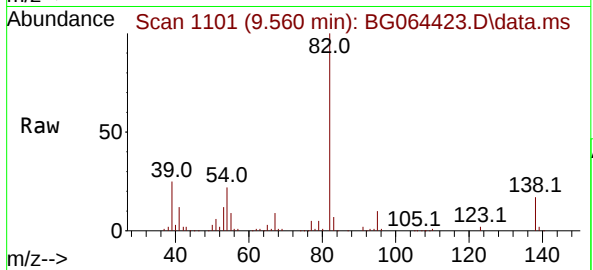
Tgt Ion: 82 Resp: 143066

Ion Ratio Lower Upper

82 100

95 10.5 7.9 11.9

138 16.8 13.0 19.4



#26

2-Nitrophenol

Concen: 56.448 ng

RT: 9.742 min Scan# 1132

Delta R.T. -0.021 min

Lab File: BG064423.D

Acq: 22 Sep 2025 20:21

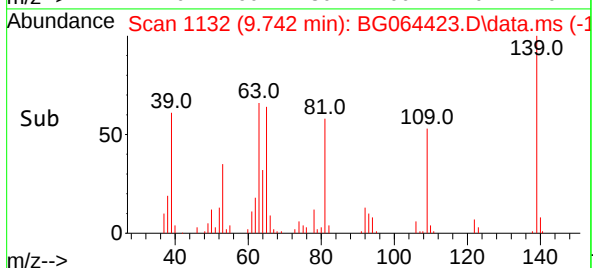
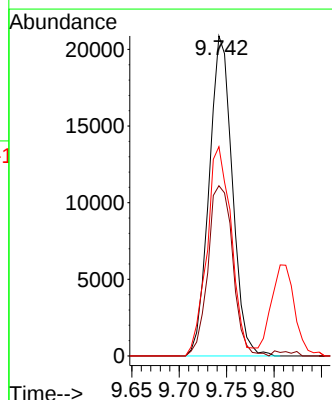
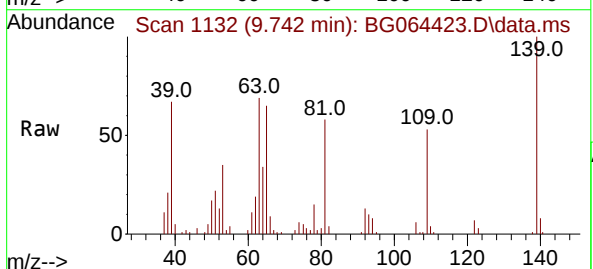
Tgt Ion:139 Resp: 35629

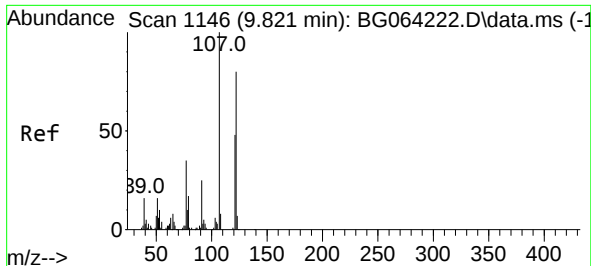
Ion Ratio Lower Upper

139 100

109 53.2 32.4 48.6#

65 65.4 44.6 67.0





#27

2,4-Dimethylphenol

Concen: 62.818 ng

RT: 9.806 min Scan# 1146

Delta R.T. -0.021 min

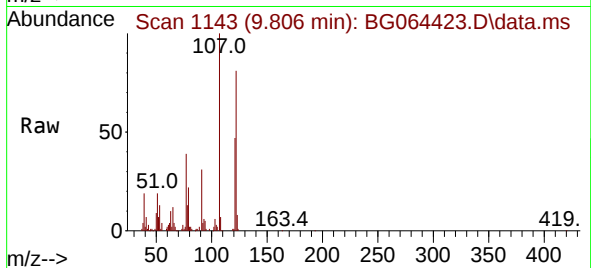
Lab File: BG064423.D

Acq: 22 Sep 2025 20:21

Instrument :

BNA\_G

ClientSampleId :



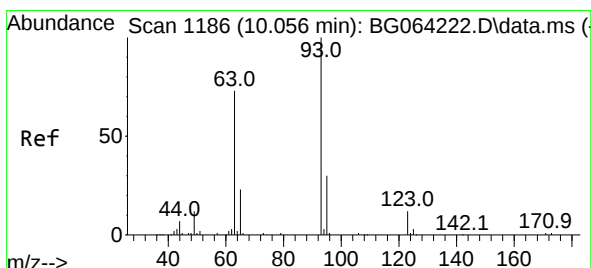
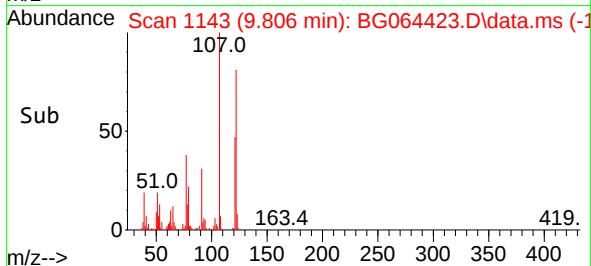
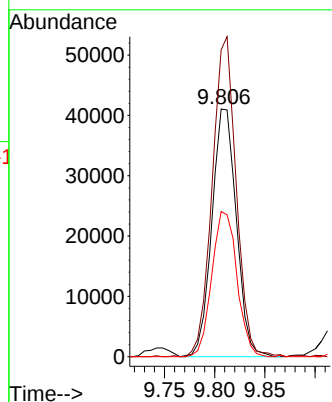
Tgt Ion:122 Resp: 69613

Ion Ratio Lower Upper

122 100

107 123.9 99.9 149.9

121 58.6 48.6 72.8



#28

bis(2-Chloroethoxy)methane

Concen: 47.442 ng

RT: 10.041 min Scan# 1183

Delta R.T. -0.021 min

Lab File: BG064423.D

Acq: 22 Sep 2025 20:21

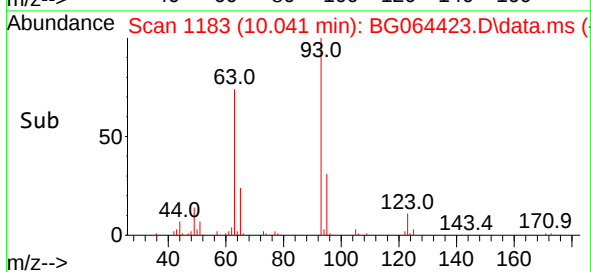
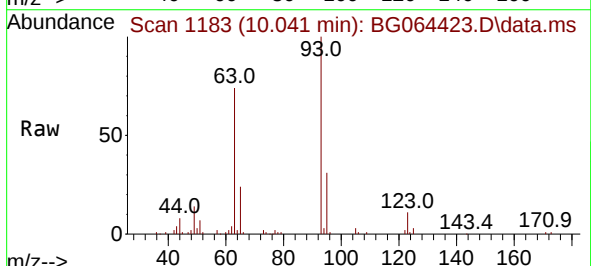
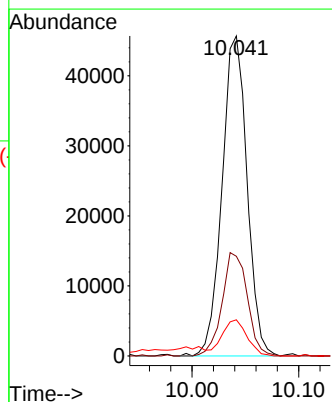
Tgt Ion: 93 Resp: 74332

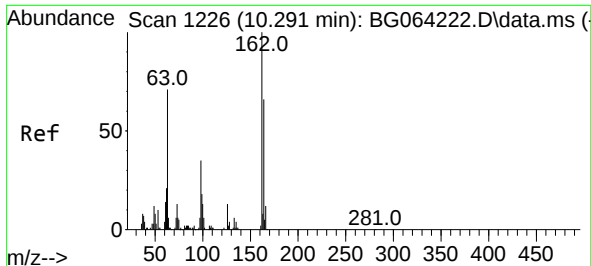
Ion Ratio Lower Upper

93 100

95 31.1 23.9 35.9

123 11.3 9.6 14.4





#29

2,4-Dichlorophenol

Concen: 61.961 ng

RT: 10.282 min Scan# 1

Delta R.T. -0.015 min

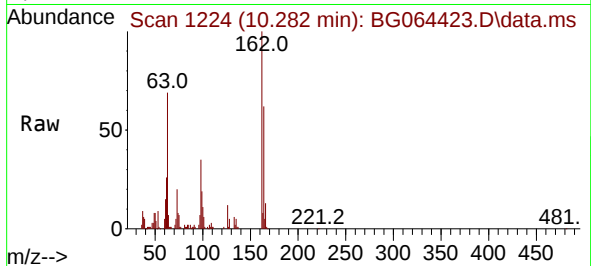
Lab File: BG064423.D

Acq: 22 Sep 2025 20:21

Instrument :

BNA\_G

ClientSampleId :



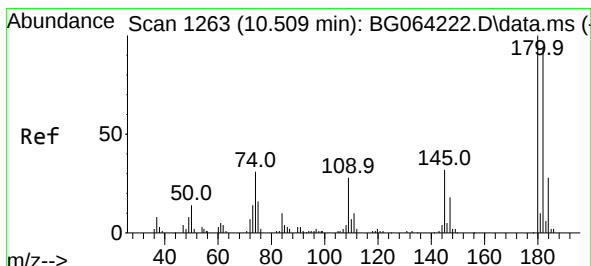
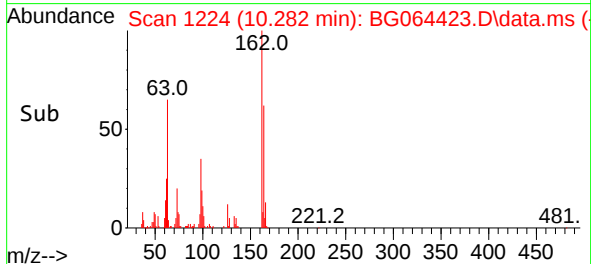
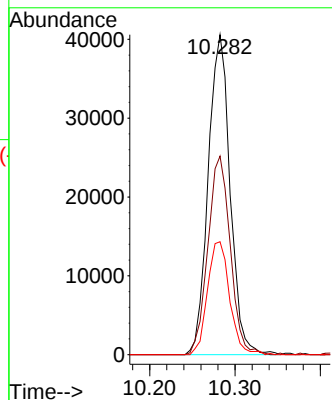
Tgt Ion:162 Resp: 72448

Ion Ratio Lower Upper

162 100

164 62.1 45.8 85.8

98 35.3 15.2 55.2



#30

1,2,4-Trichlorobenzene

Concen: 56.462 ng

RT: 10.494 min Scan# 1260

Delta R.T. -0.015 min

Lab File: BG064423.D

Acq: 22 Sep 2025 20:21

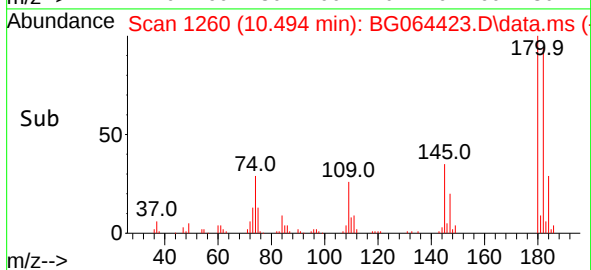
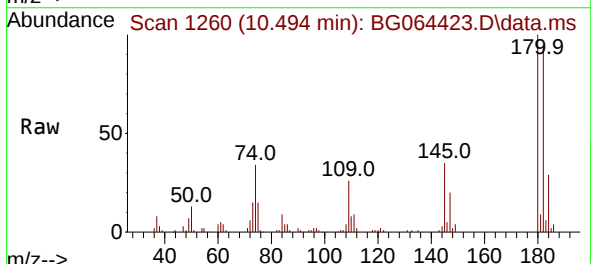
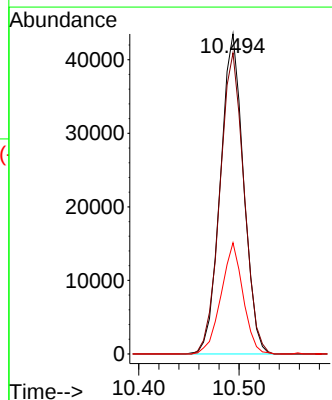
Tgt Ion:180 Resp: 69609

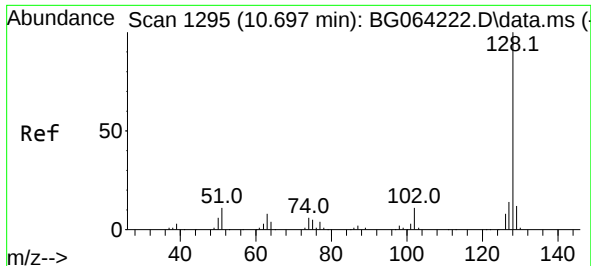
Ion Ratio Lower Upper

180 100

182 94.1 75.0 112.6

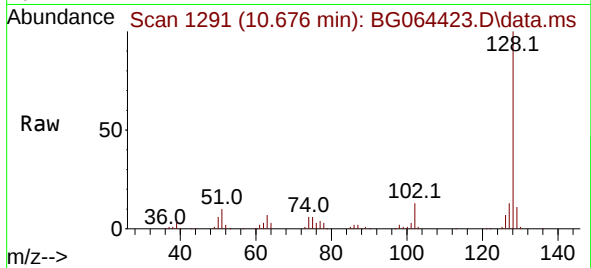
145 34.8 25.4 38.0



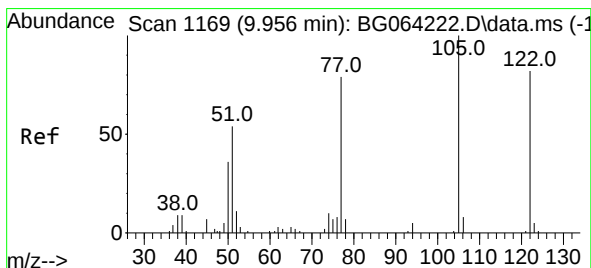
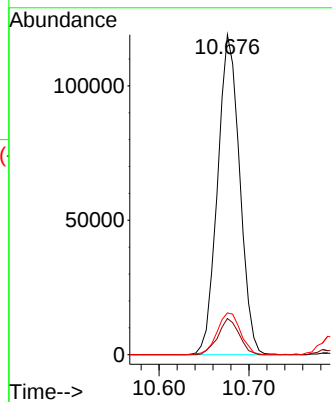
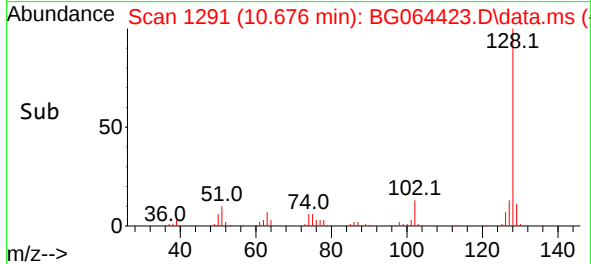


#31  
Naphthalene  
Concen: 50.320 ng  
RT: 10.676 min Scan# 1177  
Delta R.T. -0.021 min  
Lab File: BG064423.D  
Acq: 22 Sep 2025 20:21

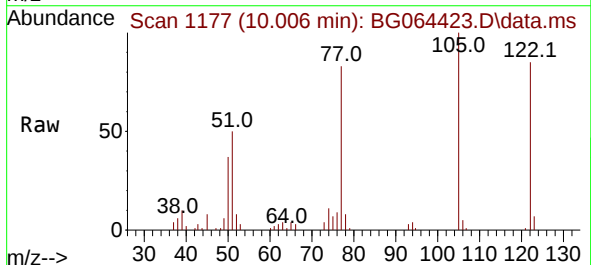
Instrument :  
BNA\_G  
ClientSampleId :



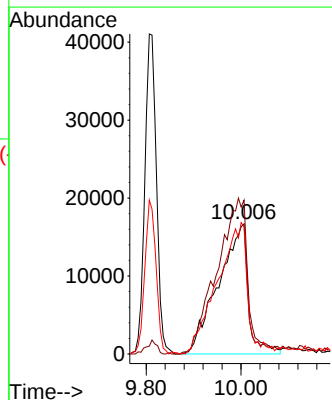
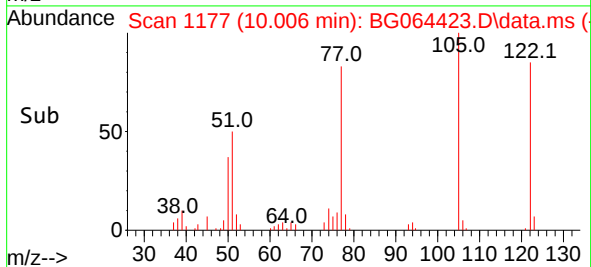
Tgt Ion:128 Resp: 203460  
Ion Ratio Lower Upper  
128 100  
129 11.3 9.4 14.2  
127 13.1 10.9 16.3

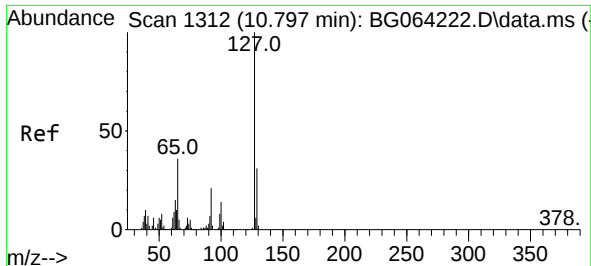


#32  
Benzoic acid  
Concen: 82.829 ng  
RT: 10.006 min Scan# 1177  
Delta R.T. -0.009 min  
Lab File: BG064423.D  
Acq: 22 Sep 2025 20:21



Tgt Ion:122 Resp: 72861  
Ion Ratio Lower Upper  
122 100  
105 118.2 98.5 138.5  
77 97.7 74.6 114.6

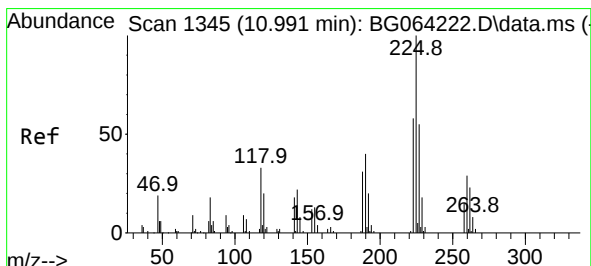
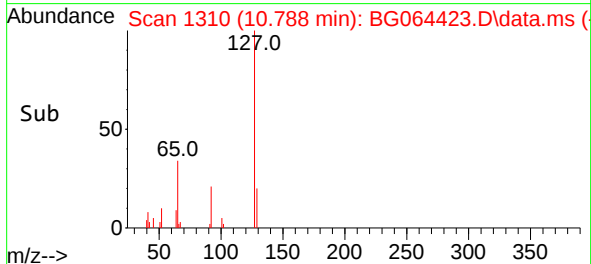
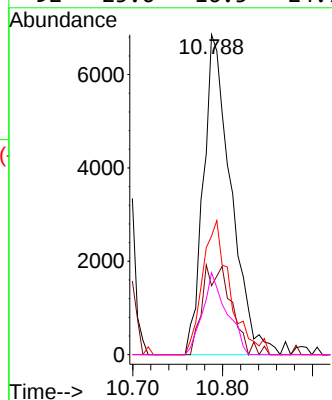
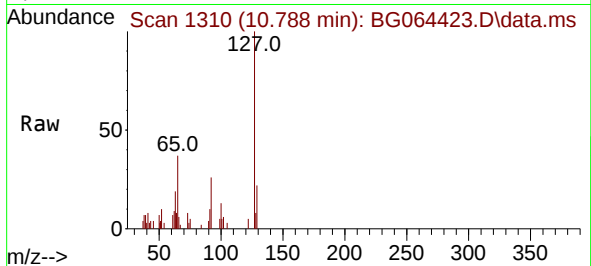




#33  
4-Chloroaniline  
Concen: 9.340 ng  
RT: 10.788 min Scan# 11  
Delta R.T. -0.015 min  
Lab File: BG064423.D  
Acq: 22 Sep 2025 20:21

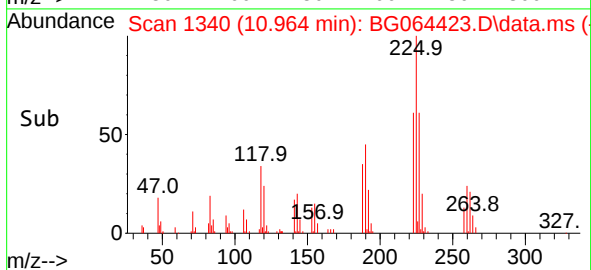
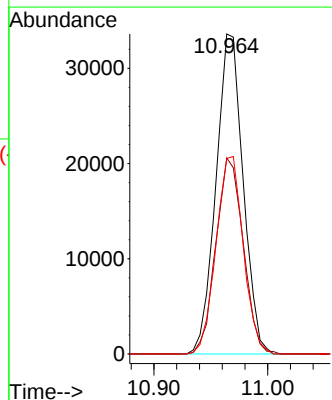
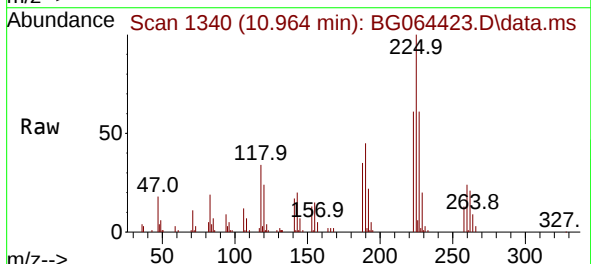
Instrument :  
BNA\_G  
ClientSampleId :

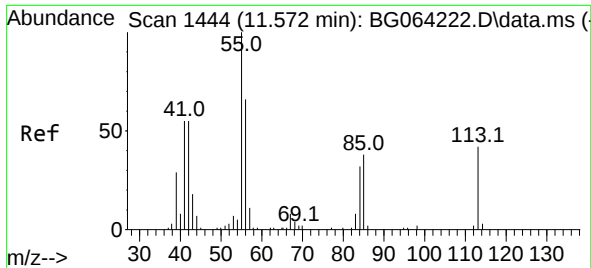
Tgt Ion:127 Resp: 14637  
Ion Ratio Lower Upper  
127 100  
129 21.5 25.0 37.4#  
65 37.1 28.7 43.1  
92 25.6 16.5 24.7#



#34  
Hexachlorobutadiene  
Concen: 61.109 ng  
RT: 10.964 min Scan# 1340  
Delta R.T. -0.027 min  
Lab File: BG064423.D  
Acq: 22 Sep 2025 20:21

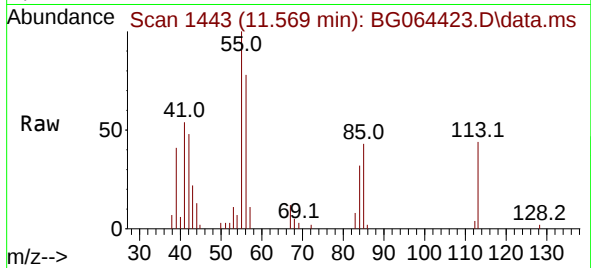
Tgt Ion:225 Resp: 55690  
Ion Ratio Lower Upper  
225 100  
223 61.2 46.5 69.7  
227 61.1 44.1 66.1



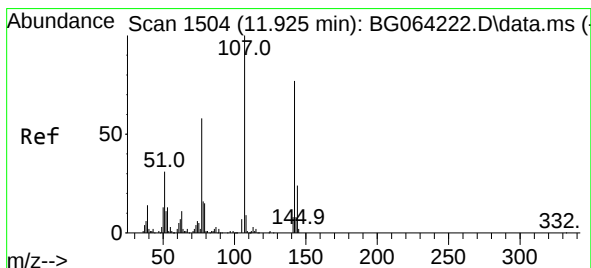
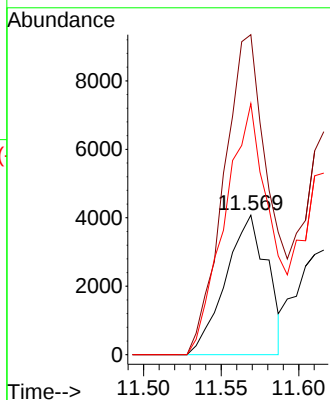
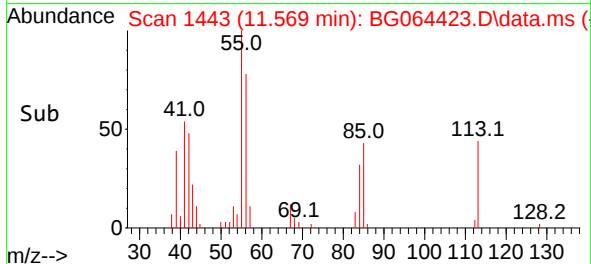


#35  
Caprolactam  
Concen: 16.815 ng  
RT: 11.569 min Scan# 1444  
Delta R.T. -0.033 min  
Lab File: BG064423.D  
Acq: 22 Sep 2025 20:21

Instrument :  
BNA\_G  
ClientSampleId :

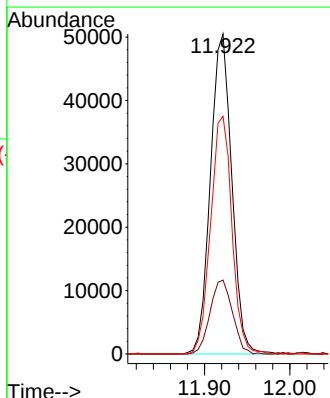
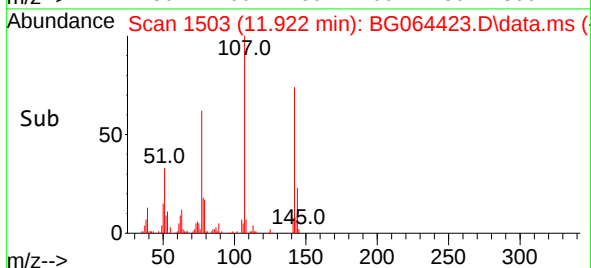
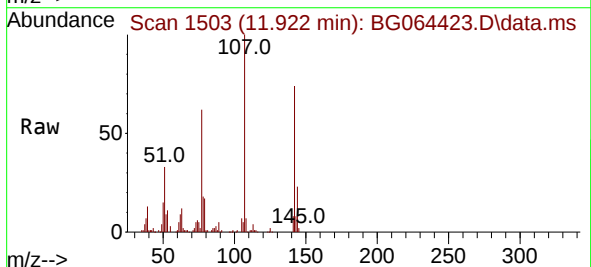


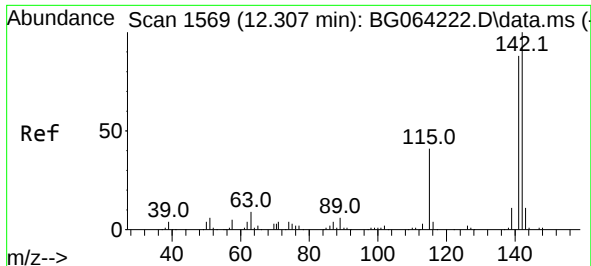
| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 113     | 100   |       |       |
| 55      | 229.4 | 218.5 | 258.5 |
| 56      | 179.9 | 138.5 | 178.5 |



#36  
4-Chloro-3-methylphenol  
Concen: 57.912 ng  
RT: 11.922 min Scan# 1503  
Delta R.T. -0.009 min  
Lab File: BG064423.D  
Acq: 22 Sep 2025 20:21

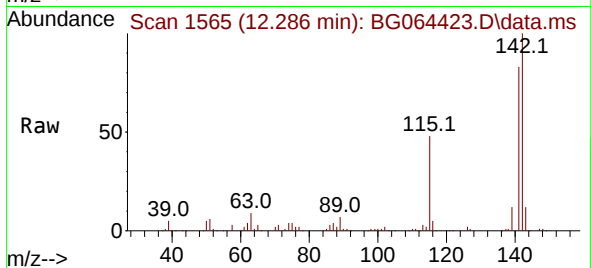
| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 107     | 100   |       |       |
| 144     | 23.1  | 19.5  | 29.3  |
| 142     | 74.3  | 62.0  | 93.0  |



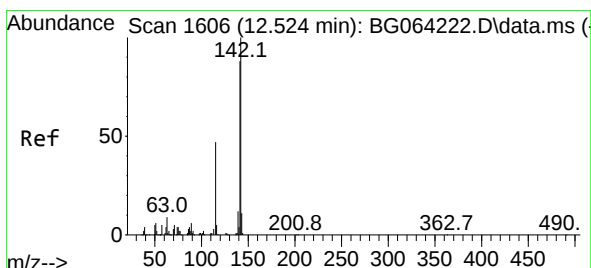
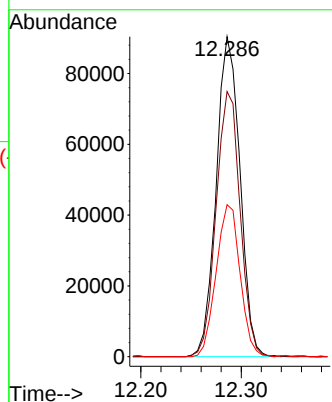
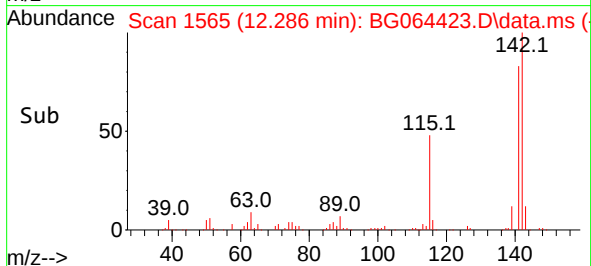


#37  
2-Methylnaphthalene  
Concen: 49.489 ng  
RT: 12.286 min Scan# 1565  
Delta R.T. -0.021 min  
Lab File: BG064423.D  
Acq: 22 Sep 2025 20:21

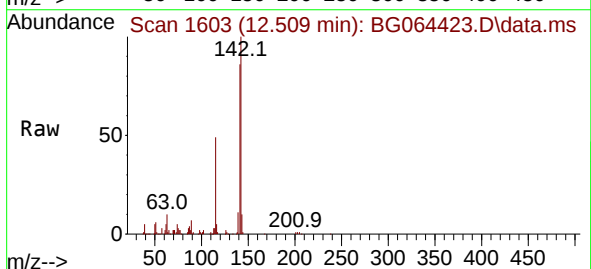
Instrument :  
BNA\_G  
ClientSampleId :



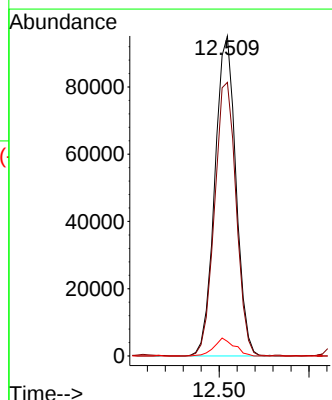
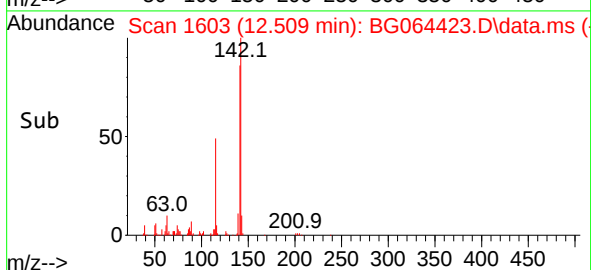
Tgt Ion:142 Resp: 148735  
Ion Ratio Lower Upper  
142 100  
141 82.8 70.1 105.1  
115 47.5 33.1 49.7

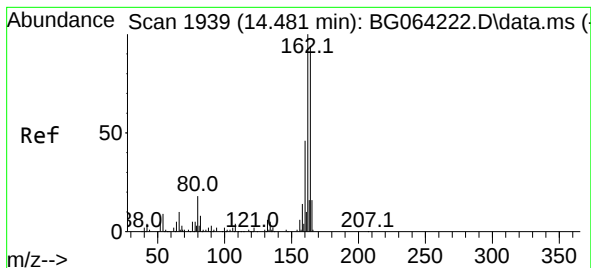


#38  
1-Methylnaphthalene  
Concen: 52.242 ng  
RT: 12.509 min Scan# 1603  
Delta R.T. -0.015 min  
Lab File: BG064423.D  
Acq: 22 Sep 2025 20:21



Tgt Ion:142 Resp: 155081  
Ion Ratio Lower Upper  
142 100  
141 85.5 70.3 105.5  
116 4.6 3.7 5.5





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.466 min Scan# 1939

Delta R.T. -0.015 min

Lab File: BG064423.D

Acq: 22 Sep 2025 20:21

Instrument :

BNA\_G

ClientSampleId :

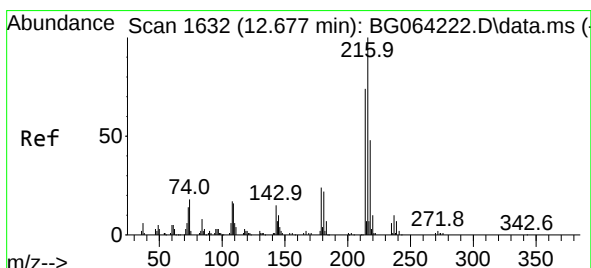
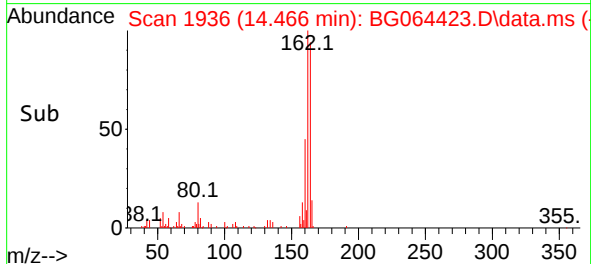
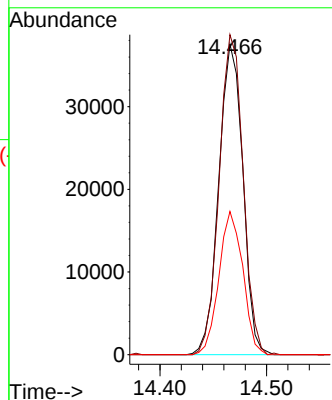
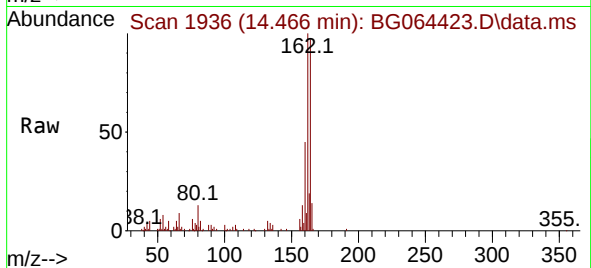
Tgt Ion:164 Resp: 58753

Ion Ratio Lower Upper

164 100

162 103.0 85.4 128.0

160 46.1 39.2 58.8



#40

1,2,4,5-Tetrachlorobenzene

Concen: 65.683 ng

RT: 12.662 min Scan# 1629

Delta R.T. -0.015 min

Lab File: BG064423.D

Acq: 22 Sep 2025 20:21

Tgt Ion:216 Resp: 111347

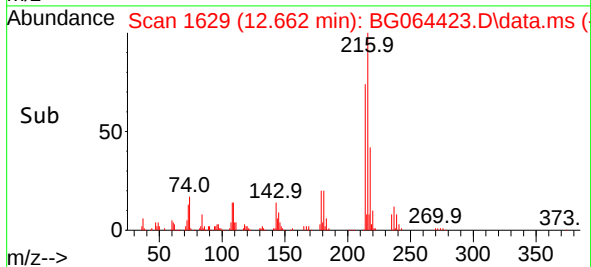
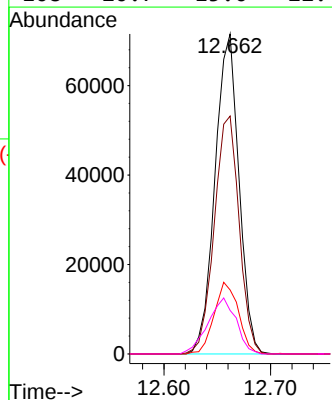
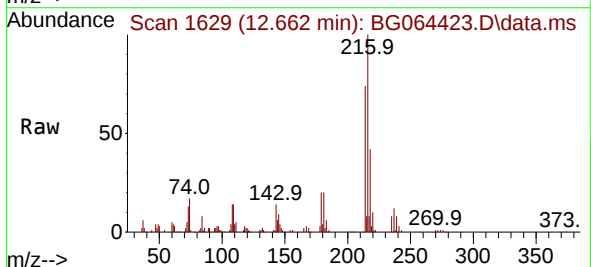
Ion Ratio Lower Upper

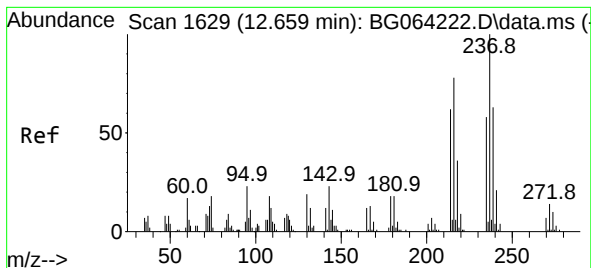
216 100

214 77.2 61.9 92.9

179 22.7 17.9 26.9

108 20.7 15.0 22.4





#41

Hexachlorocyclopentadiene

Concen: 158.853 ng

RT: 12.644 min Scan# 1

Delta R.T. -0.015 min

Lab File: BG064423.D

Acq: 22 Sep 2025 20:21

Instrument :

BNA\_G

ClientSampleId :

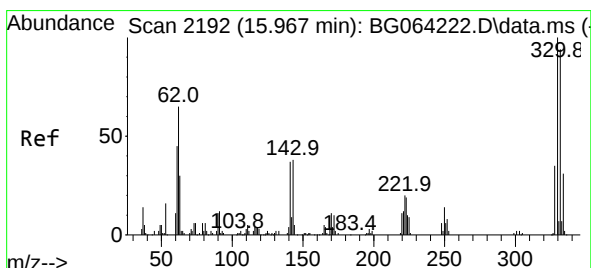
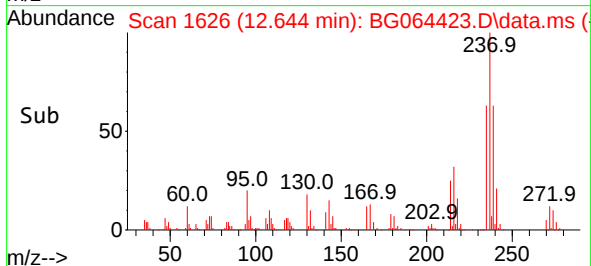
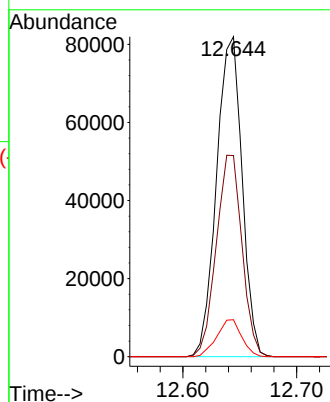
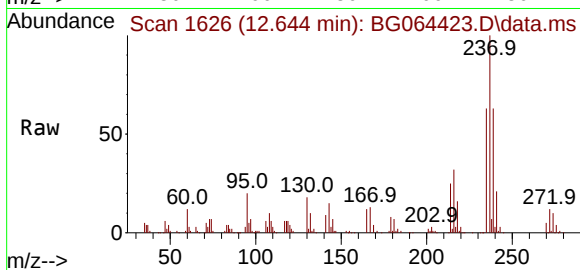
Tgt Ion:237 Resp: 127984

Ion Ratio Lower Upper

237 100

235 62.9 37.9 77.9

272 11.6 0.0 33.8



#42

2,4,6-Tribromophenol

Concen: 220.205 ng

RT: 15.958 min Scan# 2190

Delta R.T. -0.015 min

Lab File: BG064423.D

Acq: 22 Sep 2025 20:21

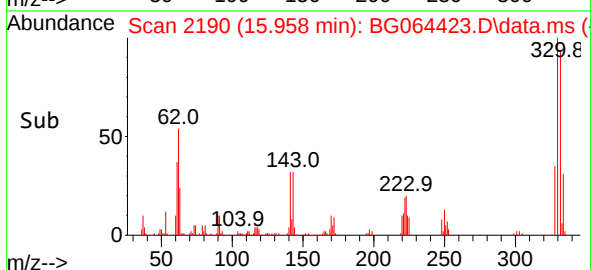
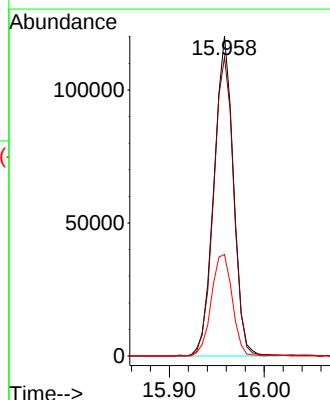
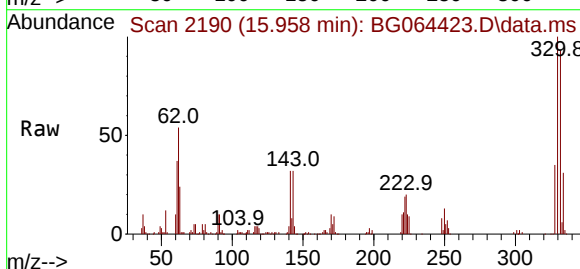
Tgt Ion:330 Resp: 171366

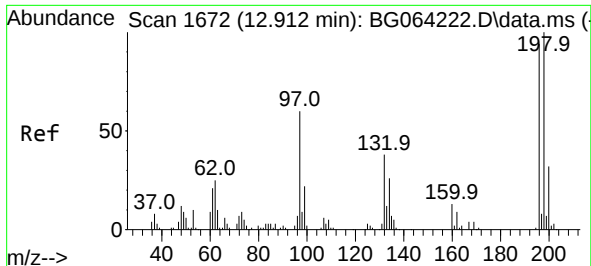
Ion Ratio Lower Upper

330 100

332 96.3 77.6 116.4

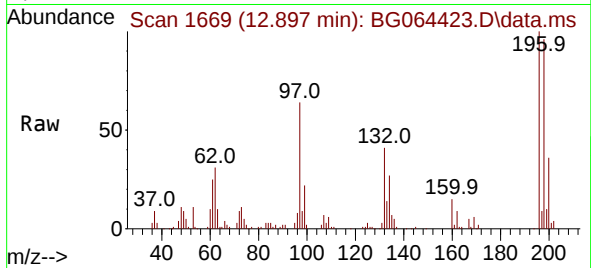
141 34.0 29.8 44.6



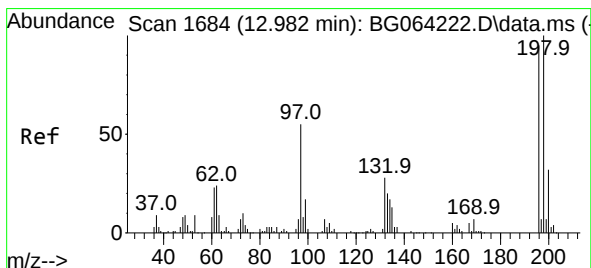
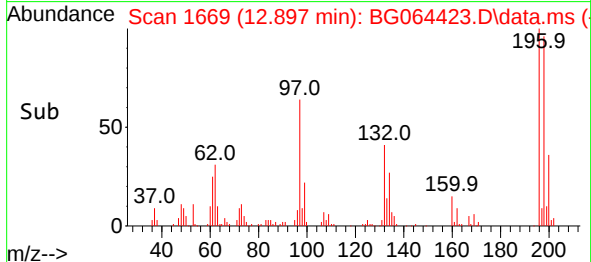
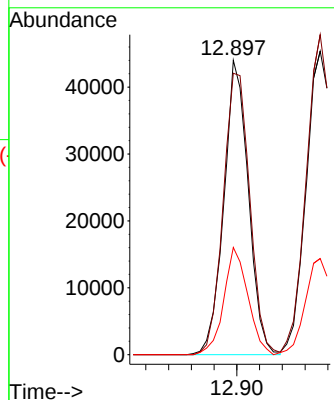


#43  
2,4,6-Trichlorophenol  
Concen: 58.211 ng  
RT: 12.897 min Scan# 1  
Delta R.T. -0.015 min  
Lab File: BG064423.D  
Acq: 22 Sep 2025 20:21

Instrument :  
BNA\_G  
ClientSampleId :

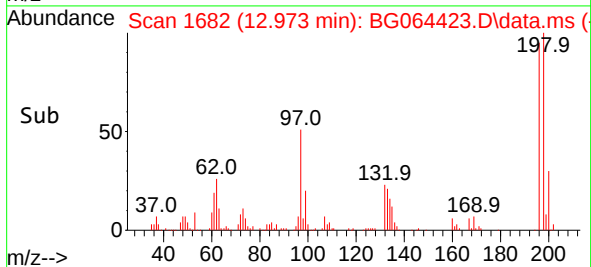
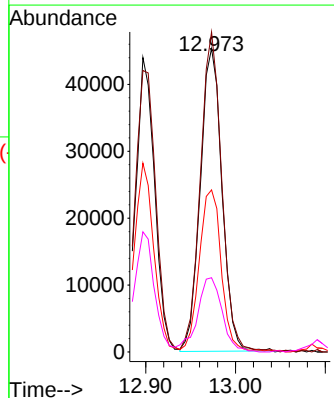
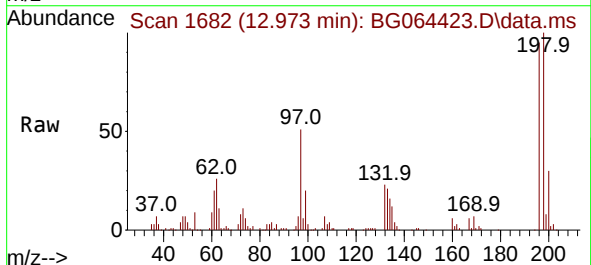


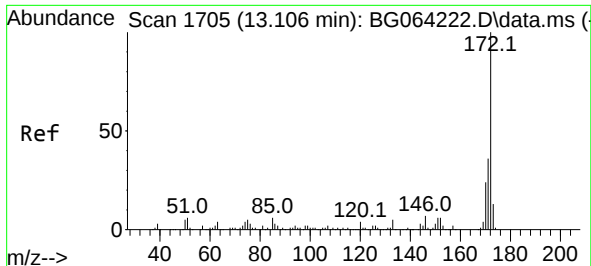
Tgt Ion:196 Resp: 65956  
Ion Ratio Lower Upper  
196 100  
198 95.6 85.4 128.2  
200 36.4 27.3 40.9



#44  
2,4,5-Trichlorophenol  
Concen: 61.697 ng  
RT: 12.973 min Scan# 1682  
Delta R.T. -0.015 min  
Lab File: BG064423.D  
Acq: 22 Sep 2025 20:21

Tgt Ion:196 Resp: 75832  
Ion Ratio Lower Upper  
196 100  
198 105.4 84.5 126.7  
97 53.4 46.8 70.2  
132 24.4 23.4 35.2

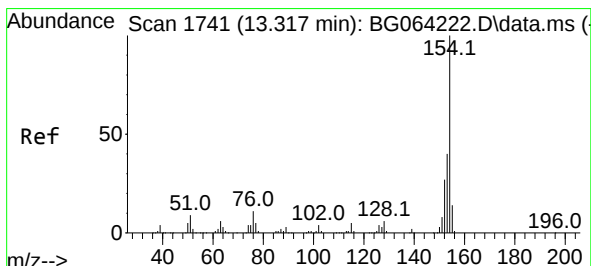
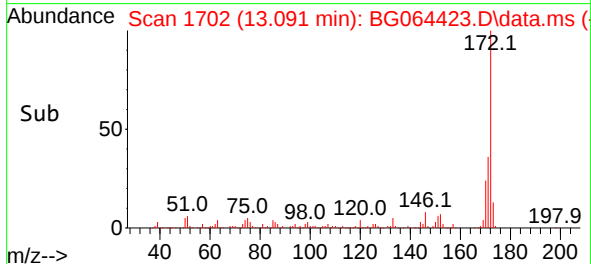
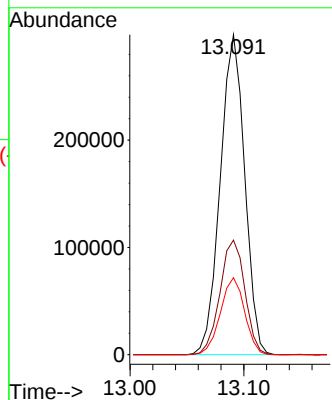
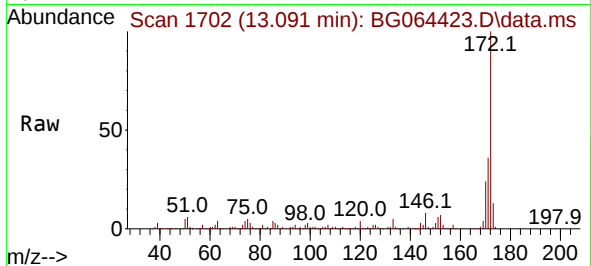




#45  
2-Fluorobiphenyl  
Concen: 115.731 ng  
RT: 13.091 min Scan# 1702  
Delta R.T. -0.021 min  
Lab File: BG064423.D  
Acq: 22 Sep 2025 20:21

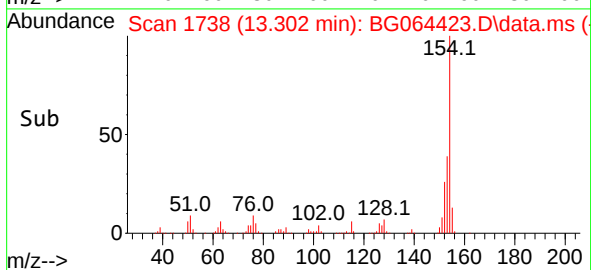
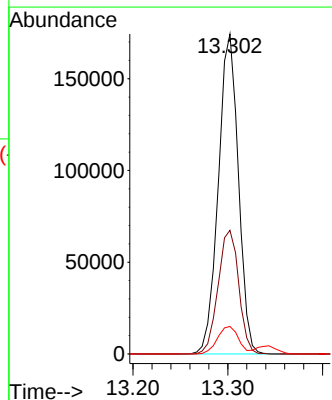
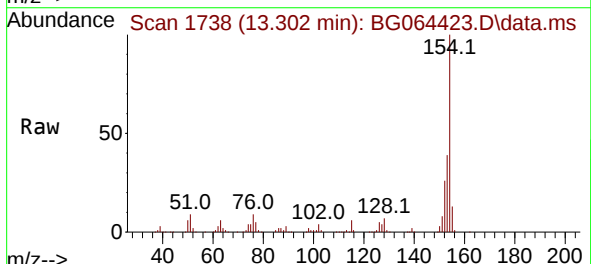
Instrument :  
BNA\_G  
ClientSampleId :

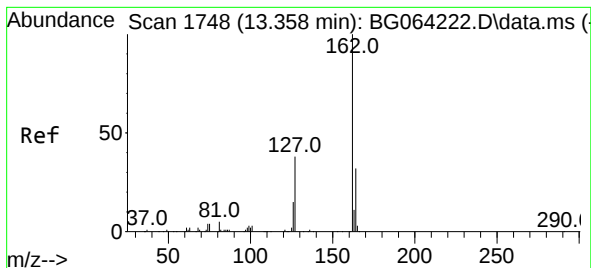
Tgt Ion:172 Resp: 445478  
Ion Ratio Lower Upper  
172 100  
171 35.8 28.7 43.1  
170 24.1 19.0 28.6



#46  
1,1'-Biphenyl  
Concen: 59.848 ng  
RT: 13.302 min Scan# 1738  
Delta R.T. -0.015 min  
Lab File: BG064423.D  
Acq: 22 Sep 2025 20:21

Tgt Ion:154 Resp: 256107  
Ion Ratio Lower Upper  
154 100  
153 38.7 19.9 59.9  
76 8.6 0.0 30.9





#47

2-Chloronaphthalene

Concen: 52.864 ng

RT: 13.338 min Scan# 1

Delta R.T. -0.021 min

Lab File: BG064423.D

Acq: 22 Sep 2025 20:21

Instrument :

BNA\_G

ClientSampleId :

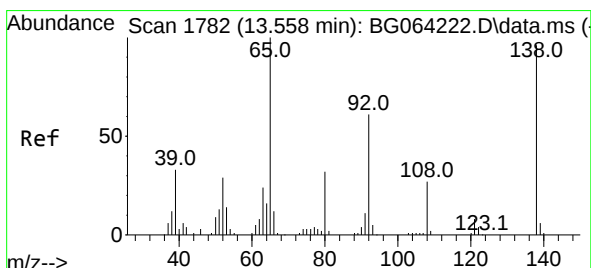
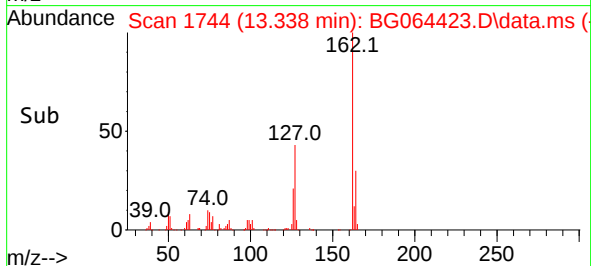
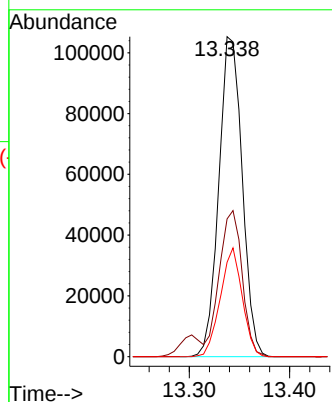
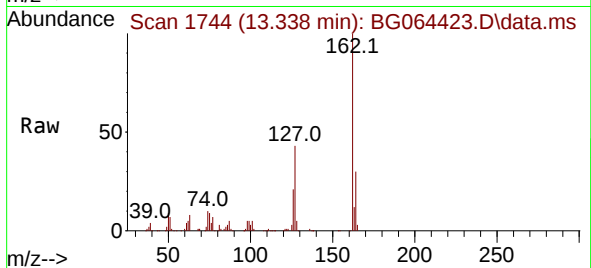
Tgt Ion:162 Resp: 170068

Ion Ratio Lower Upper

162 100

127 43.0 33.9 50.9

164 29.5 25.4 38.2



#48

2-Nitroaniline

Concen: 58.610 ng

RT: 13.543 min Scan# 1779

Delta R.T. -0.021 min

Lab File: BG064423.D

Acq: 22 Sep 2025 20:21

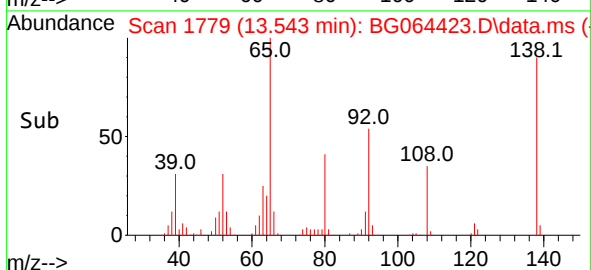
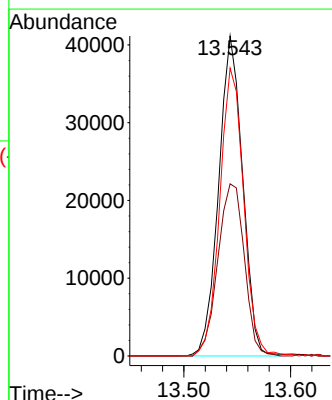
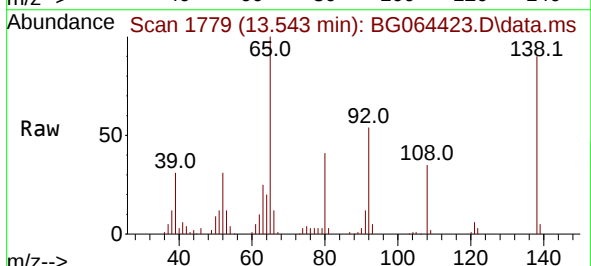
Tgt Ion: 65 Resp: 64267

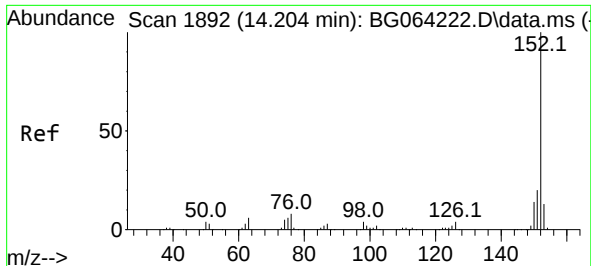
Ion Ratio Lower Upper

65 100

92 53.8 49.2 73.8

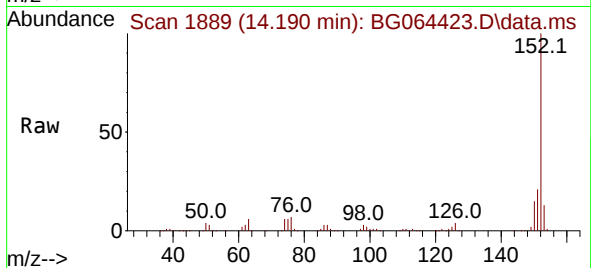
138 89.9 76.8 115.2



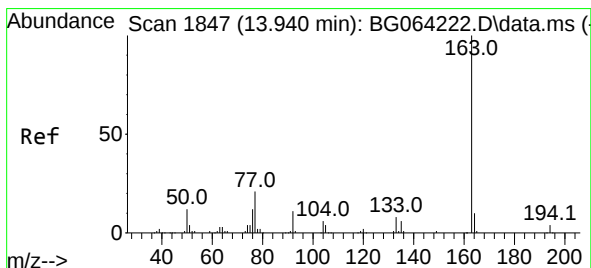
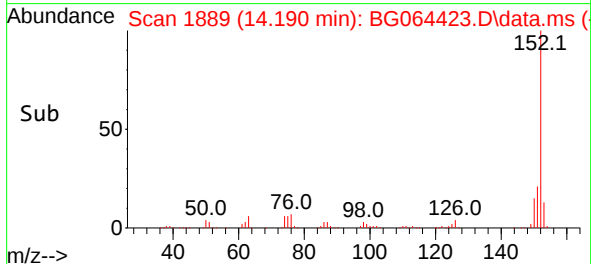
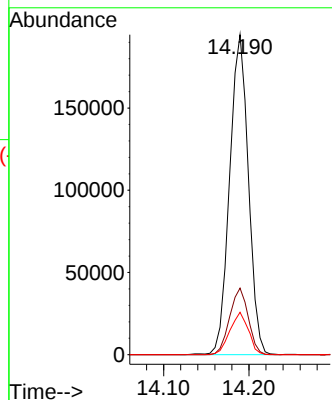


#49  
Acenaphthylene  
Concen: 62.436 ng  
RT: 14.190 min Scan# 1889  
Delta R.T. -0.015 min  
Lab File: BG064423.D  
Acq: 22 Sep 2025 20:21

Instrument :  
BNA\_G  
ClientSampleId :

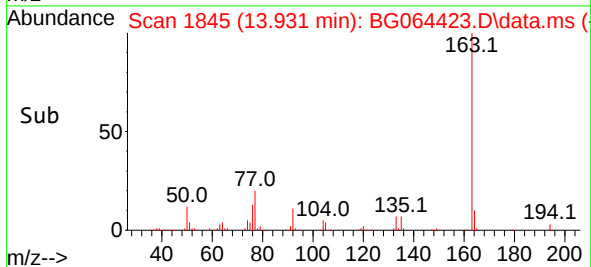
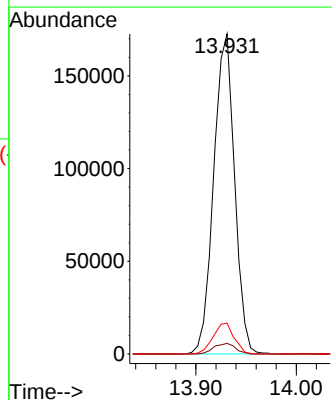
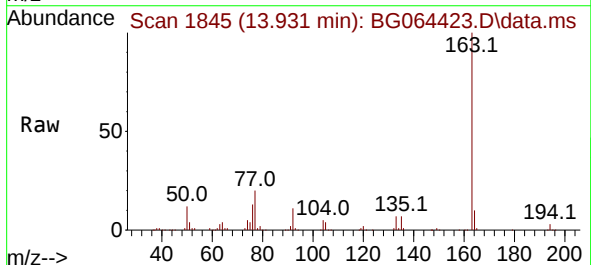


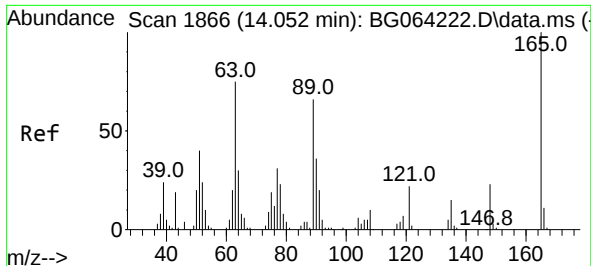
Tgt Ion:152 Resp: 296924  
Ion Ratio Lower Upper  
152 100  
151 20.8 16.2 24.2  
153 13.3 10.1 15.1



#50  
Dimethylphthalate  
Concen: 55.916 ng  
RT: 13.931 min Scan# 1845  
Delta R.T. -0.015 min  
Lab File: BG064423.D  
Acq: 22 Sep 2025 20:21

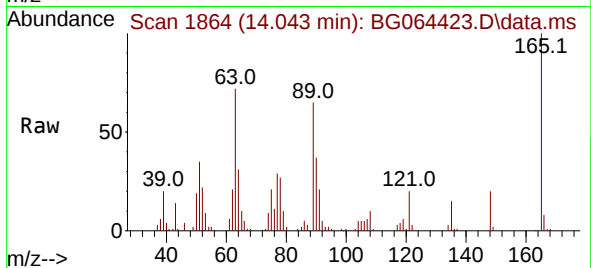
Tgt Ion:163 Resp: 248666  
Ion Ratio Lower Upper  
163 100  
194 3.3 3.0 4.4  
164 9.6 7.9 11.9



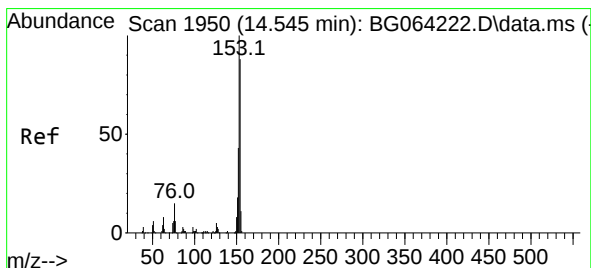
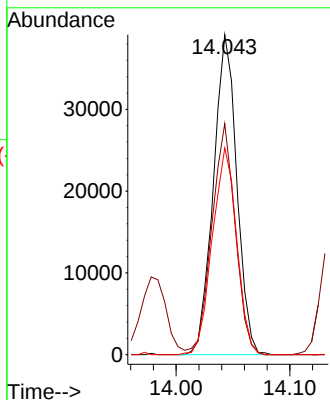
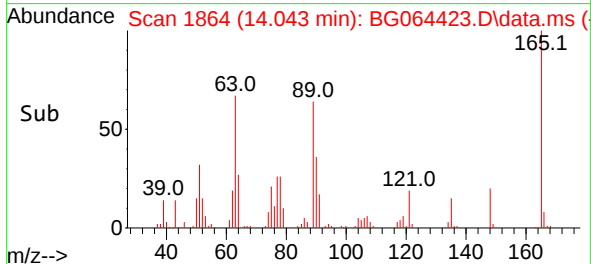


#51  
2,6-Dinitrotoluene  
Concen: 64.903 ng  
RT: 14.043 min Scan# 1864  
Delta R.T. -0.015 min  
Lab File: BG064423.D  
Acq: 22 Sep 2025 20:21

Instrument :  
BNA\_G  
ClientSampleId :

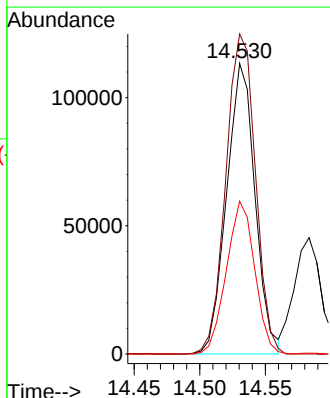
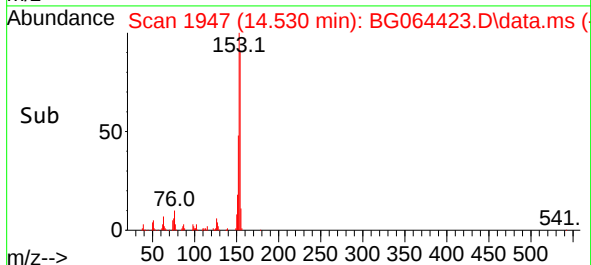
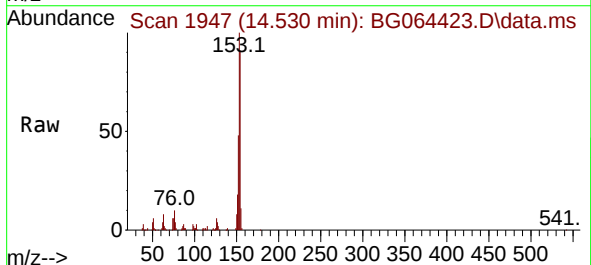


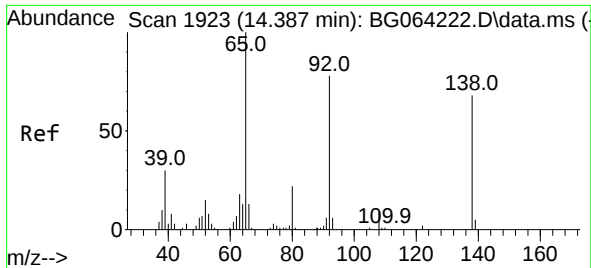
Tgt Ion:165 Resp: 55877  
Ion Ratio Lower Upper  
165 100  
63 72.2 60.3 90.5  
89 64.6 52.9 79.3



#52  
Acenaphthene  
Concen: 50.995 ng  
RT: 14.530 min Scan# 1947  
Delta R.T. -0.021 min  
Lab File: BG064423.D  
Acq: 22 Sep 2025 20:21

Tgt Ion:154 Resp: 171144  
Ion Ratio Lower Upper  
154 100  
153 110.1 91.1 136.7  
152 52.6 39.6 59.4

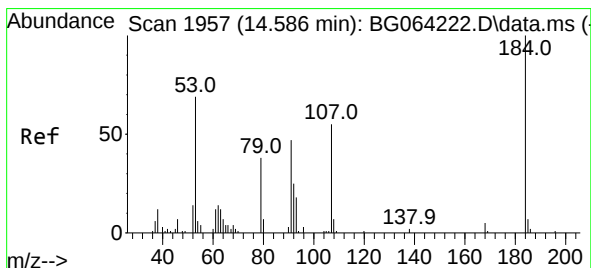
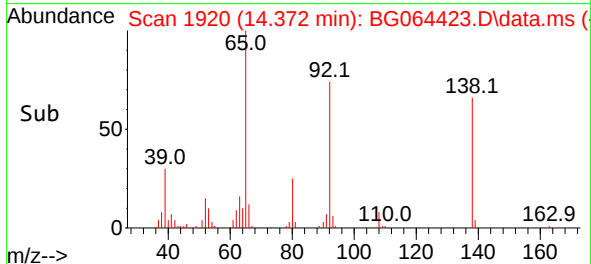
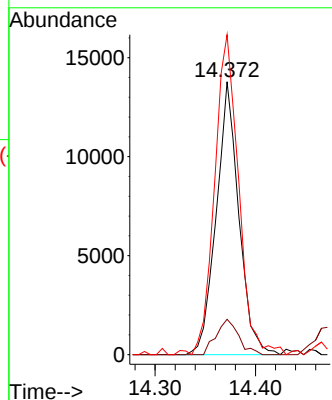
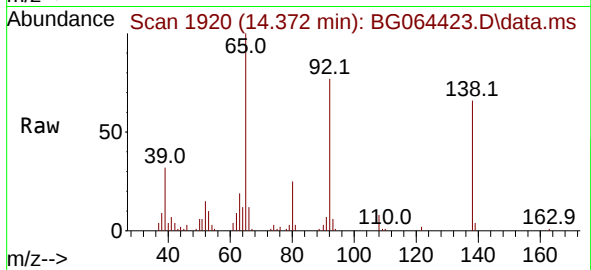




#53  
3-Nitroaniline  
Concen: 23.825 ng  
RT: 14.372 min Scan# 1920  
Delta R.T. -0.015 min  
Lab File: BG064423.D  
Acq: 22 Sep 2025 20:21

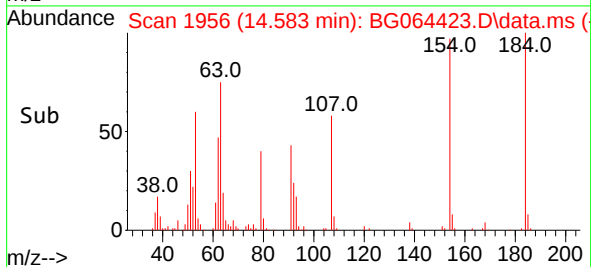
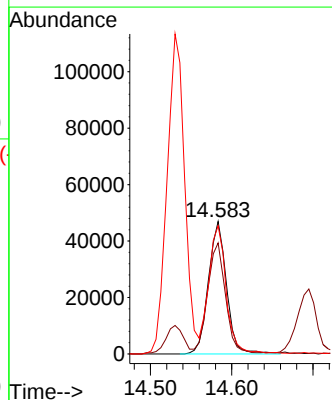
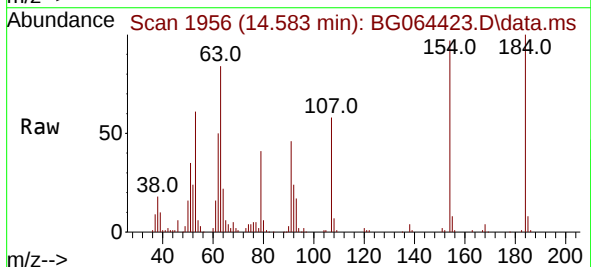
Instrument :  
BNA\_G  
ClientSampleId :

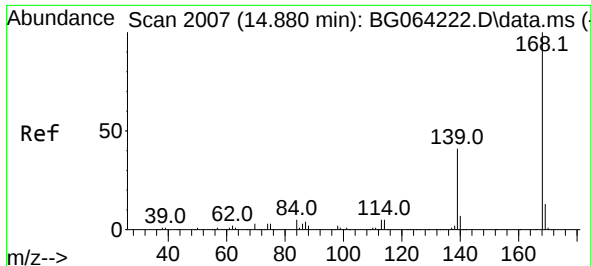
Tgt Ion:138 Resp: 21486  
Ion Ratio Lower Upper  
138 100  
108 13.0 11.0 16.6  
92 117.2 91.4 137.0



#54  
2,4-Dinitrophenol  
Concen: 126.035 ng  
RT: 14.583 min Scan# 1956  
Delta R.T. -0.009 min  
Lab File: BG064423.D  
Acq: 22 Sep 2025 20:21

Tgt Ion:184 Resp: 72862  
Ion Ratio Lower Upper  
184 100  
63 83.9 60.1 90.1  
154 96.7 59.8 89.8#

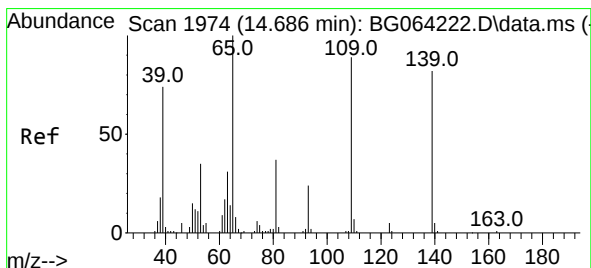
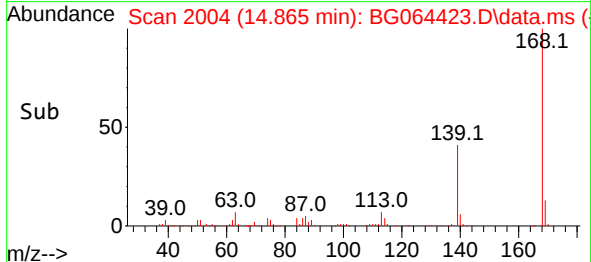
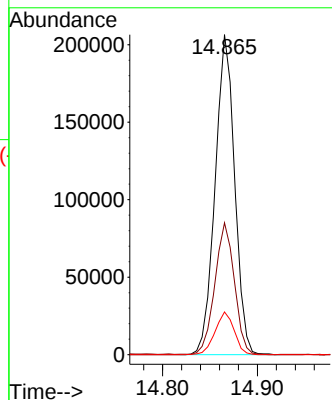
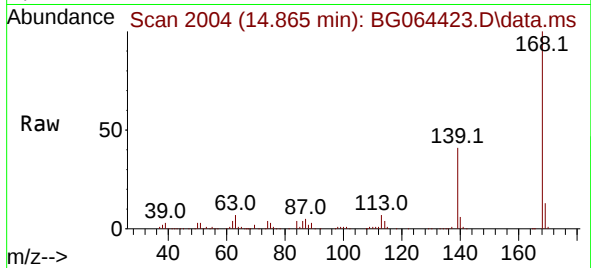




#55  
Dibenzenofuran  
Concen: 55.902 ng  
RT: 14.865 min Scan# 20  
Delta R.T. -0.015 min  
Lab File: BG064423.D  
Acq: 22 Sep 2025 20:21

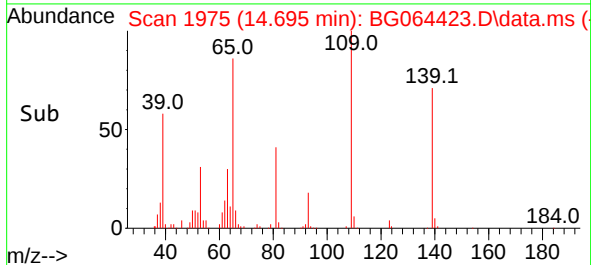
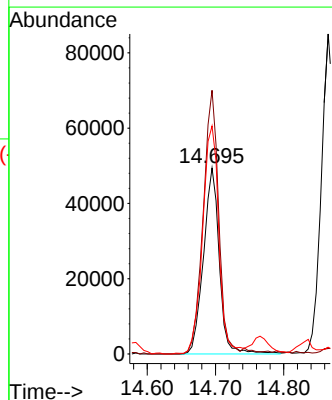
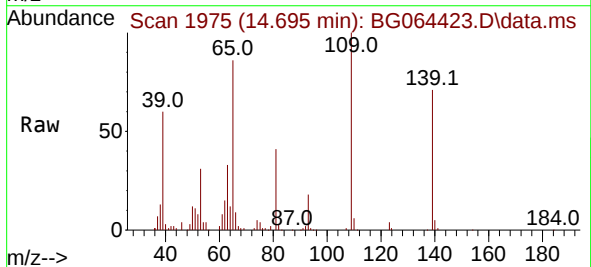
Instrument :  
BNA\_G  
ClientSampleId :

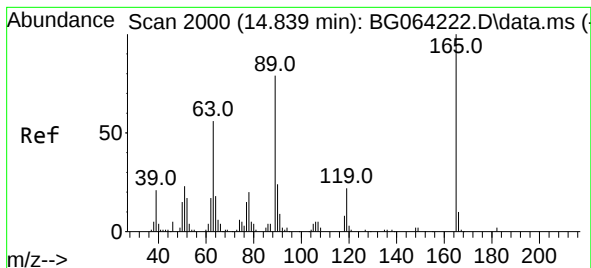
Tgt Ion:168 Resp: 295101  
Ion Ratio Lower Upper  
168 100  
139 41.2 33.2 49.8  
169 13.3 10.4 15.6



#56  
4-Nitrophenol  
Concen: 107.902 ng  
RT: 14.695 min Scan# 1975  
Delta R.T. -0.003 min  
Lab File: BG064423.D  
Acq: 22 Sep 2025 20:21

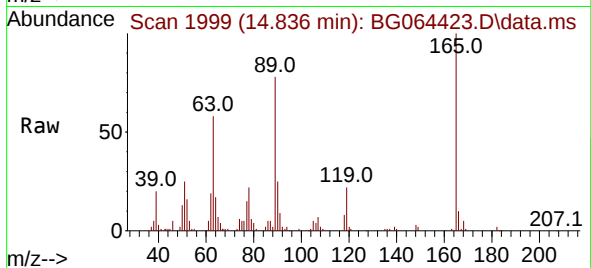
Tgt Ion:139 Resp: 79822  
Ion Ratio Lower Upper  
139 100  
109 141.8 89.1 129.1#  
65 122.5 102.9 142.9



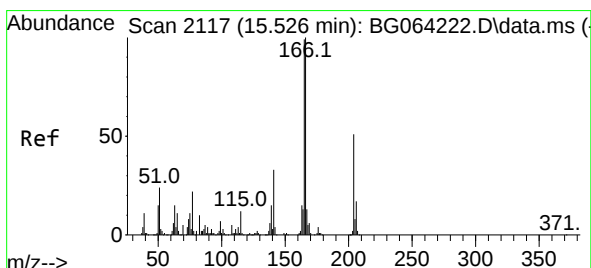
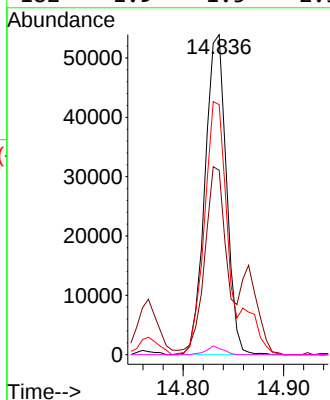
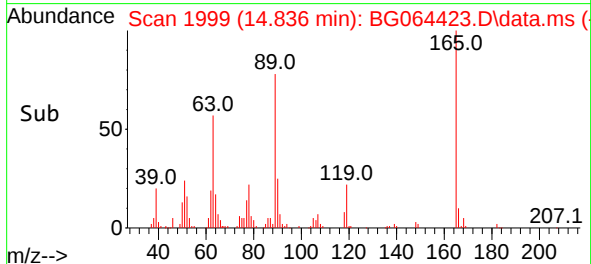


#57  
2,4-Dinitrotoluene  
Concen: 61.409 ng  
RT: 14.836 min Scan# 1999  
Delta R.T. -0.009 min  
Lab File: BG064423.D  
Acq: 22 Sep 2025 20:21

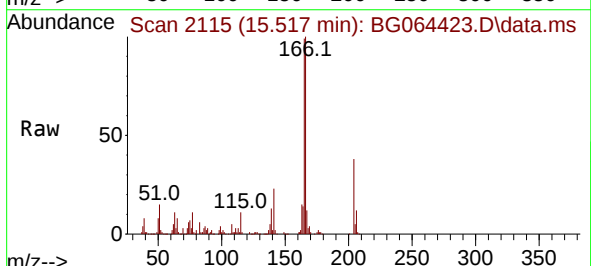
Instrument :  
BNA\_G  
ClientSampleId :



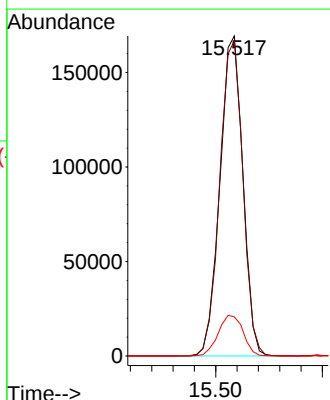
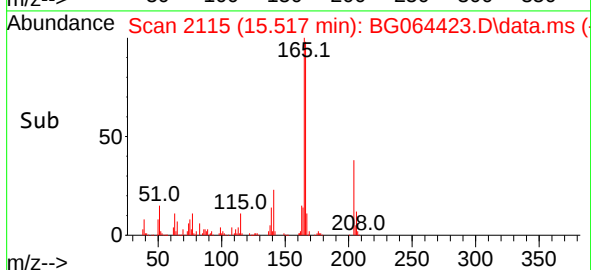
|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 165   | Resp: | 79938 |
| Ion Ratio | Lower | Upper |       |
| 165       | 100   |       |       |
| 63        | 57.6  | 44.6  | 67.0  |
| 89        | 78.1  | 63.0  | 94.4  |
| 182       | 1.9   | 1.5   | 2.3   |

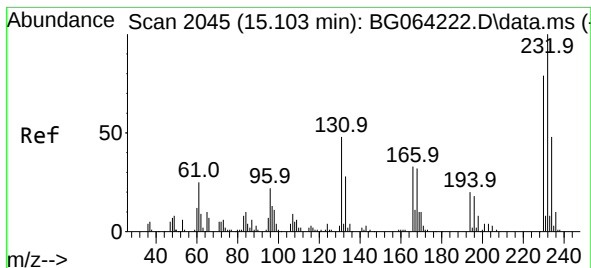


#58  
Fluorene  
Concen: 58.315 ng  
RT: 15.517 min Scan# 2115  
Delta R.T. -0.015 min  
Lab File: BG064423.D  
Acq: 22 Sep 2025 20:21



|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 166   | Resp: | 252313 |
| Ion Ratio | Lower | Upper |        |
| 166       | 100   |       |        |
| 165       | 98.5  | 79.1  | 118.7  |
| 167       | 12.2  | 10.2  | 15.4   |

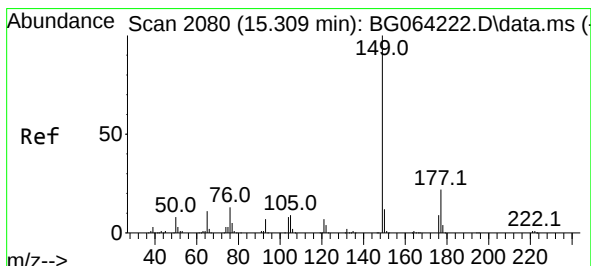
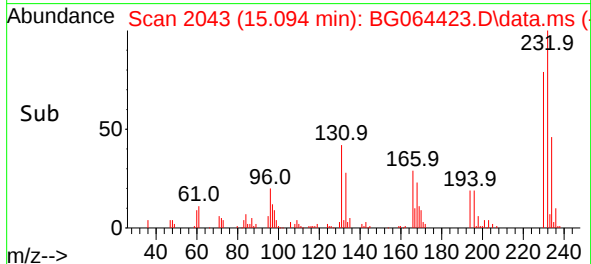
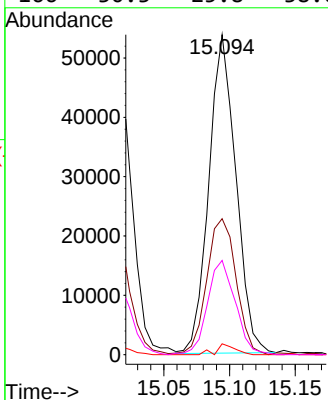
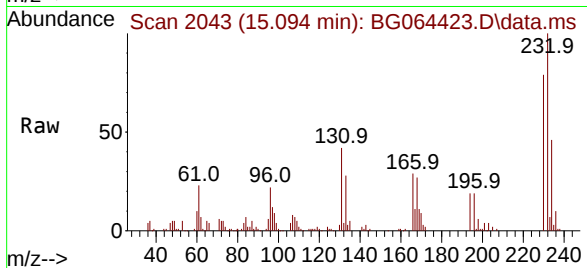




#59  
2,3,4,6-Tetrachlorophenol  
Concen: 65.039 ng  
RT: 15.094 min Scan# 2043  
Delta R.T. -0.015 min  
Lab File: BG064423.D  
Acq: 22 Sep 2025 20:21

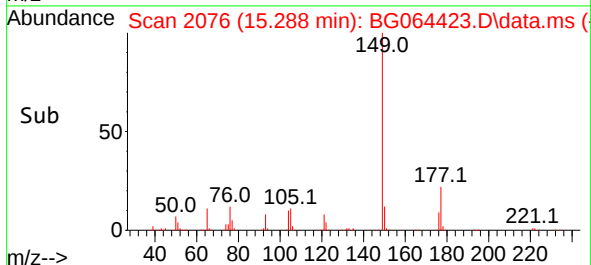
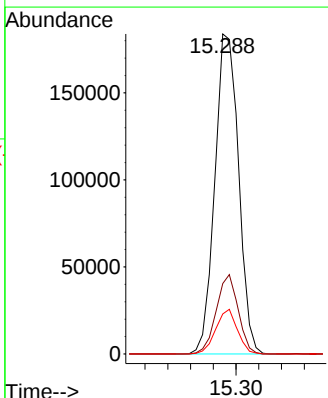
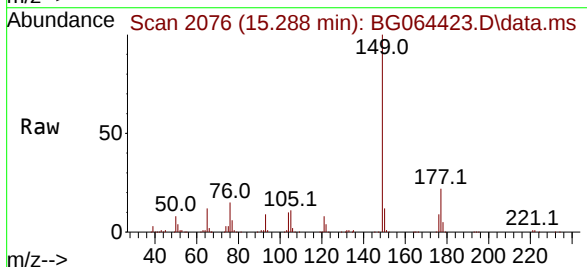
Instrument :  
BNA\_G  
ClientSampleId :

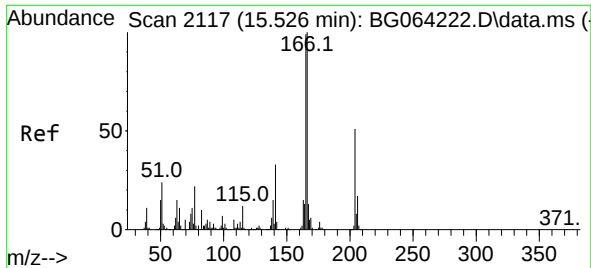
Tgt Ion:232 Resp: 76886  
Ion Ratio Lower Upper  
232 100  
131 46.4 37.1 55.7  
130 2.3 2.6 3.8#  
166 30.3 25.8 38.6



#60  
Diethylphthalate  
Concen: 55.945 ng  
RT: 15.288 min Scan# 2076  
Delta R.T. -0.027 min  
Lab File: BG064423.D  
Acq: 22 Sep 2025 20:21

Tgt Ion:149 Resp: 266262  
Ion Ratio Lower Upper  
149 100  
177 22.0 17.5 26.3  
150 12.5 9.9 14.9

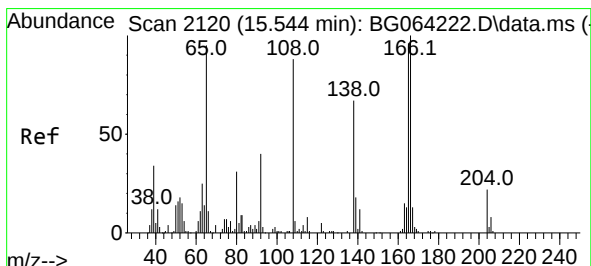
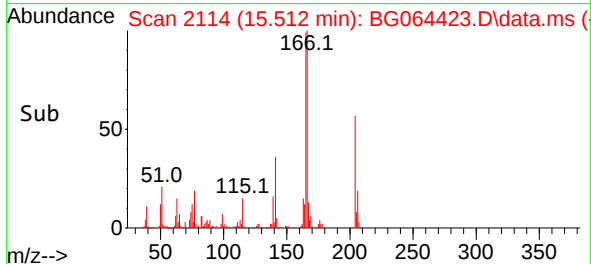
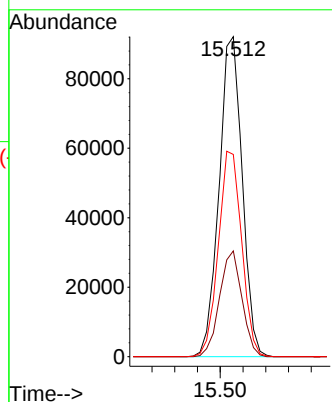
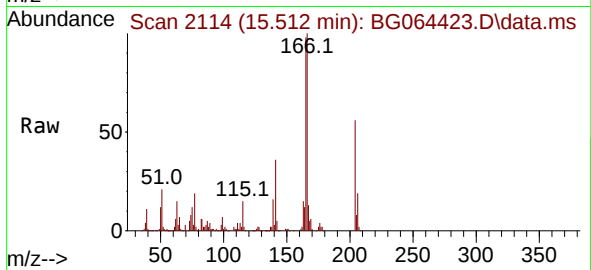




#61  
4-Chlorophenyl-phenylether  
Concen: 60.386 ng  
RT: 15.512 min Scan# 2117  
Delta R.T. -0.015 min  
Lab File: BG064423.D  
Acq: 22 Sep 2025 20:21

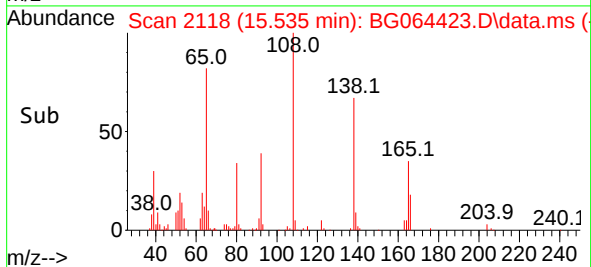
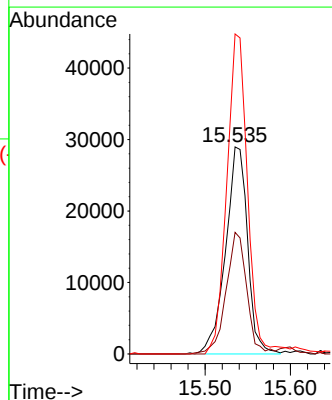
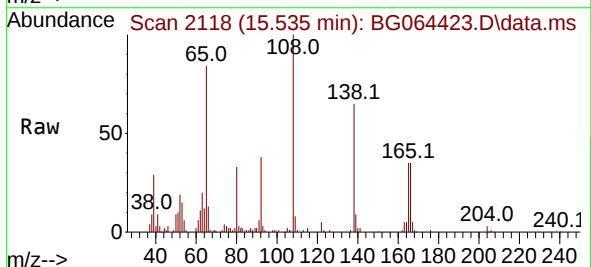
Instrument :  
BNA\_G  
ClientSampleId :

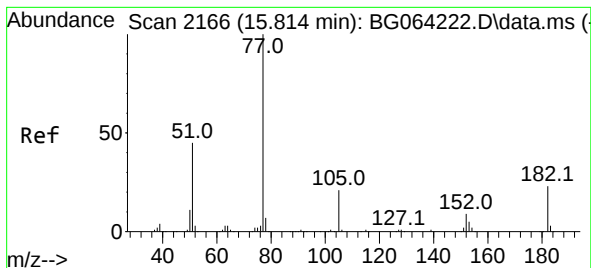
Tgt Ion:204 Resp: 130266  
Ion Ratio Lower Upper  
204 100  
206 33.1 26.2 39.4  
141 63.2 51.9 77.9



#62  
4-Nitroaniline  
Concen: 56.470 ng  
RT: 15.535 min Scan# 2118  
Delta R.T. -0.021 min  
Lab File: BG064423.D  
Acq: 22 Sep 2025 20:21

Tgt Ion:138 Resp: 51965  
Ion Ratio Lower Upper  
138 100  
92 58.7 39.1 79.1  
108 154.6 111.3 151.3#

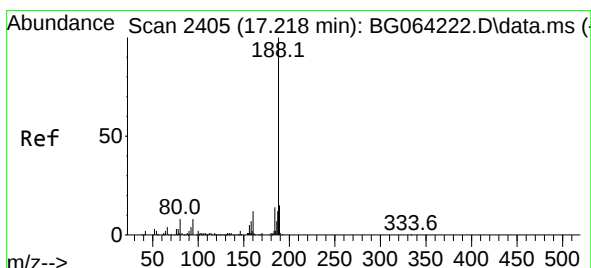
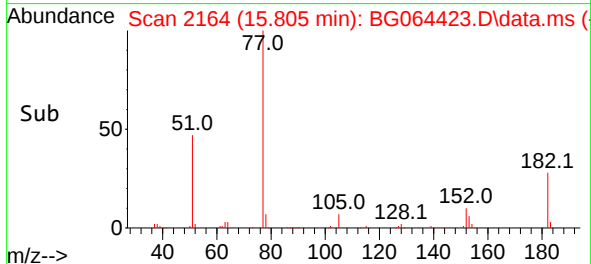
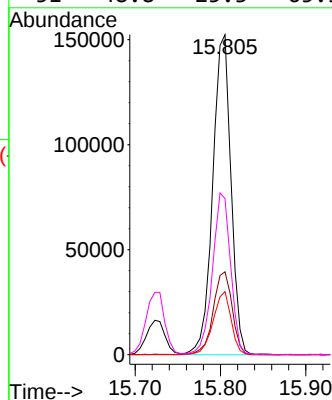
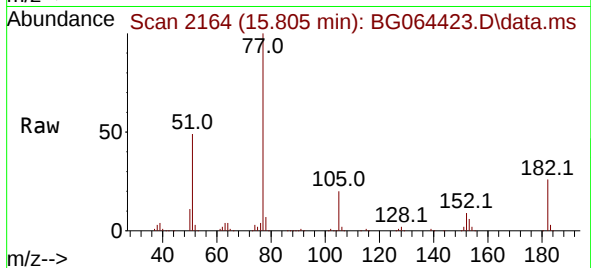




#63  
 Azobenzene  
 Concen: 53.422 ng  
 RT: 15.805 min Scan# 2166  
 Delta R.T. -0.015 min  
 Lab File: BG064423.D  
 Acq: 22 Sep 2025 20:21

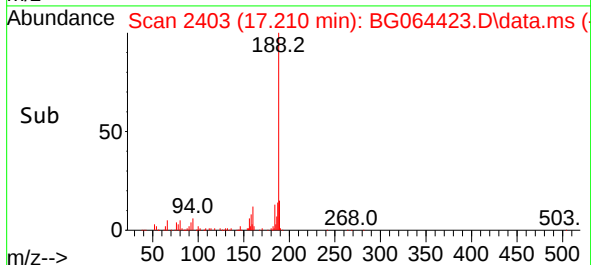
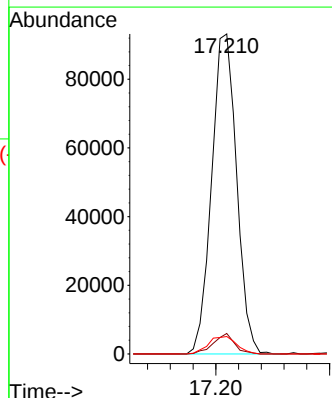
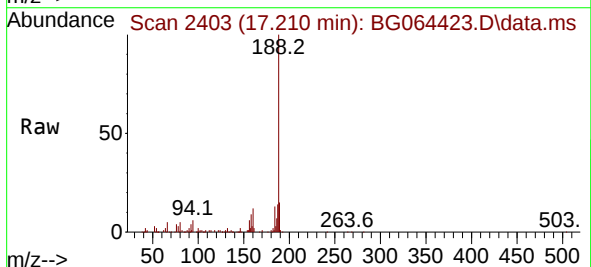
Instrument :  
 BNA\_G  
 ClientSampleId :

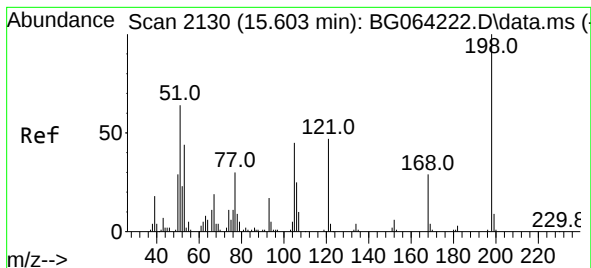
|             |              |
|-------------|--------------|
| Tgt Ion: 77 | Resp: 226613 |
| Ion Ratio   | Lower Upper  |
| 77 100      |              |
| 182 25.9    | 3.3 43.3     |
| 105 19.7    | 0.6 40.6     |
| 51 48.8     | 25.3 65.3    |



#64  
 Phenanthrene-d10  
 Concen: 20.000 ng  
 RT: 17.210 min Scan# 2403  
 Delta R.T. -0.015 min  
 Lab File: BG064423.D  
 Acq: 22 Sep 2025 20:21

|             |              |
|-------------|--------------|
| Tgt Ion:188 | Resp: 142201 |
| Ion Ratio   | Lower Upper  |
| 188 100     |              |
| 94 6.4      | 6.2 9.4      |
| 80 5.4      | 6.8 10.2#    |

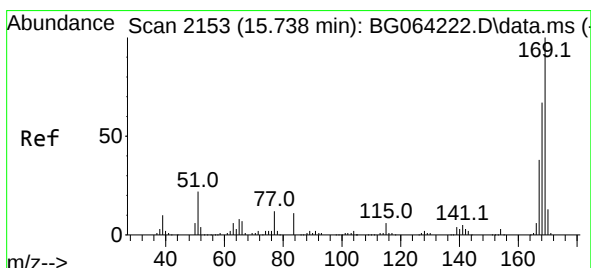
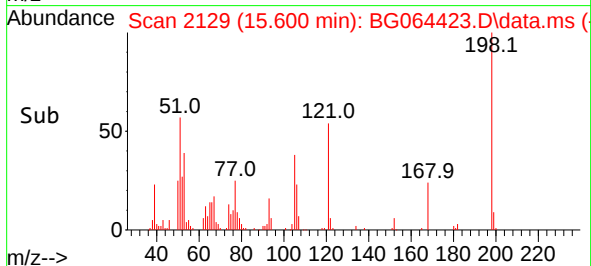
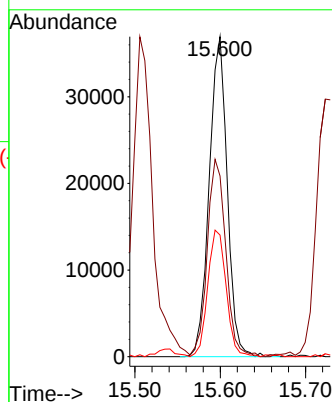
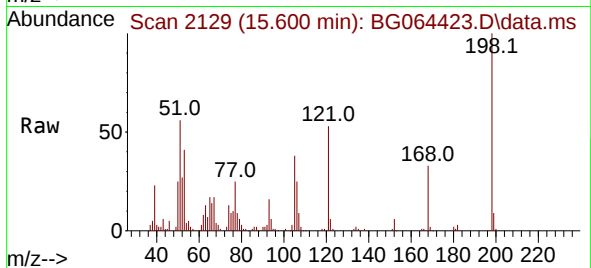




#65  
4,6-Dinitro-2-methylphenol  
Concen: 66.408 ng  
RT: 15.600 min Scan# 2130  
Delta R.T. -0.009 min  
Lab File: BG064423.D  
Acq: 22 Sep 2025 20:21

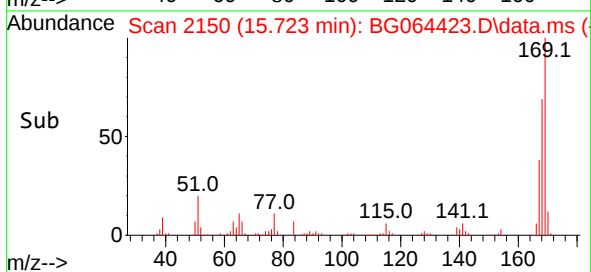
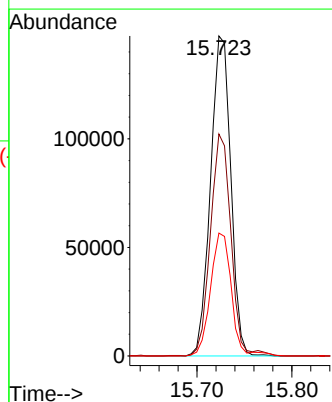
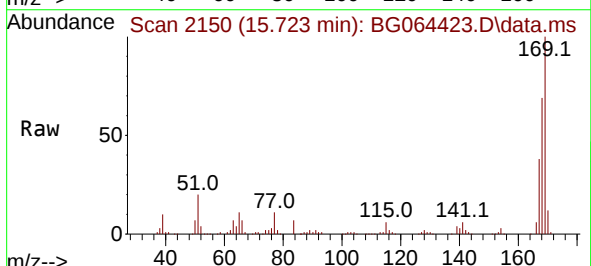
Instrument :  
BNA\_G  
ClientSampleId :

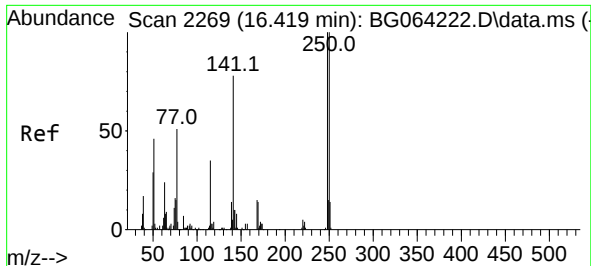
Tgt Ion:198 Resp: 54217  
Ion Ratio Lower Upper  
198 100  
51 56.4 46.2 86.2  
105 38.0 25.0 65.0



#66  
n-Nitrosodiphenylamine  
Concen: 55.850 ng  
RT: 15.723 min Scan# 2150  
Delta R.T. -0.021 min  
Lab File: BG064423.D  
Acq: 22 Sep 2025 20:21

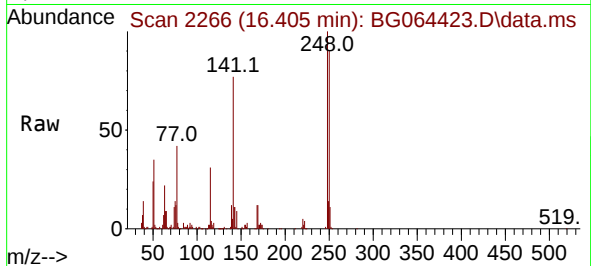
Tgt Ion:169 Resp: 218474  
Ion Ratio Lower Upper  
169 100  
168 69.4 53.8 80.8  
167 38.4 30.2 45.2



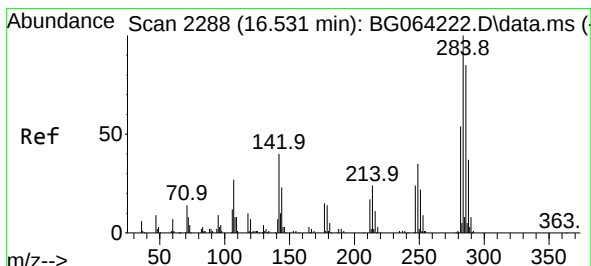
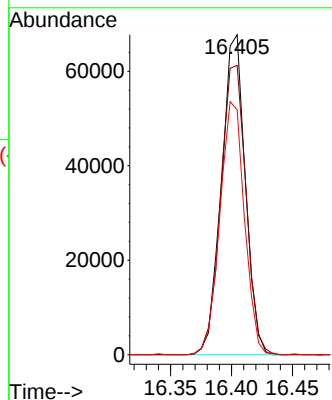
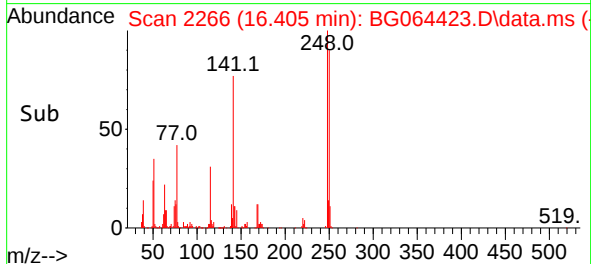


#67  
4-Bromophenyl-phenylether  
Concen: 61.073 ng  
RT: 16.405 min Scan# 21  
Delta R.T. -0.015 min  
Lab File: BG064423.D  
Acq: 22 Sep 2025 20:21

Instrument :  
BNA\_G  
ClientSampleId :

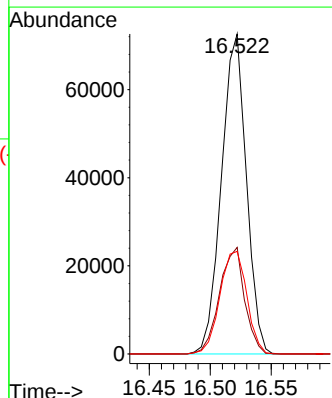
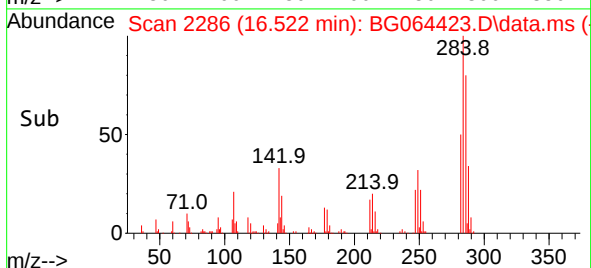
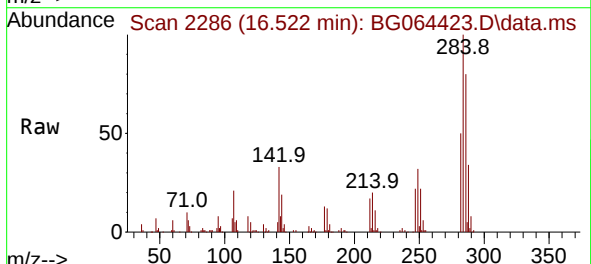


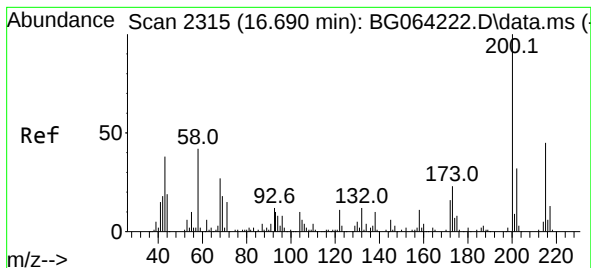
Tgt Ion:248 Resp: 92242  
Ion Ratio Lower Upper  
248 100  
250 90.4 80.2 120.4  
141 76.6 62.4 93.6



#68  
Hexachlorobenzene  
Concen: 61.608 ng  
RT: 16.522 min Scan# 2286  
Delta R.T. -0.015 min  
Lab File: BG064423.D  
Acq: 22 Sep 2025 20:21

Tgt Ion:284 Resp: 103331  
Ion Ratio Lower Upper  
284 100  
142 33.3 32.1 48.1  
249 32.0 28.3 42.5





#69

Atrazine

Concen: 60.634 ng

RT: 16.675 min Scan# 21

Delta R.T. -0.021 min

Lab File: BG064423.D

Acq: 22 Sep 2025 20:21

Instrument :

BNA\_G

ClientSampleId :

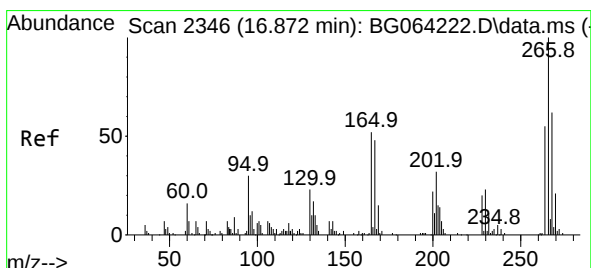
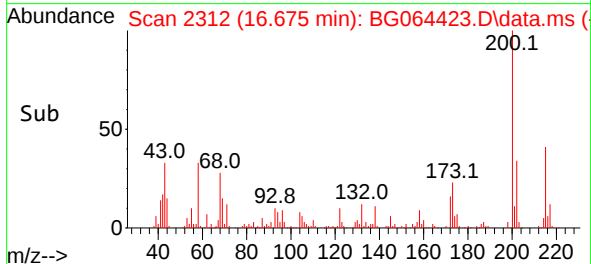
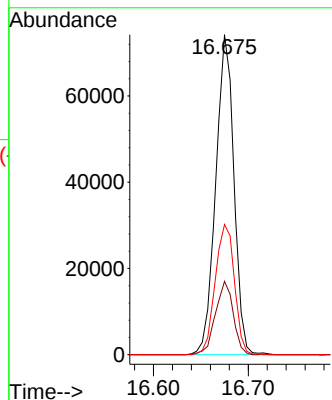
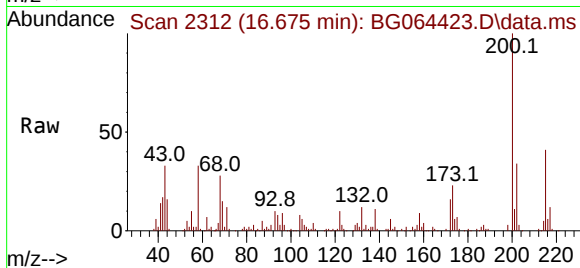
Tgt Ion:200 Resp: 99037

Ion Ratio Lower Upper

200 100

173 22.9 3.5 43.5

215 40.7 24.8 64.8



#70

Pentachlorophenol

Concen: 134.543 ng

RT: 16.863 min Scan# 2344

Delta R.T. -0.015 min

Lab File: BG064423.D

Acq: 22 Sep 2025 20:21

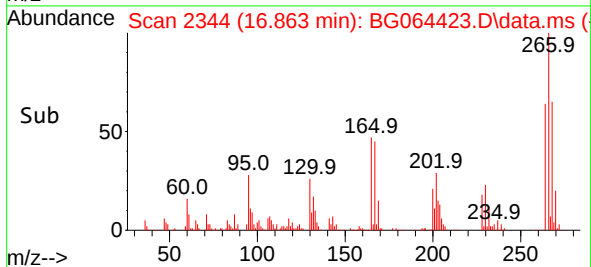
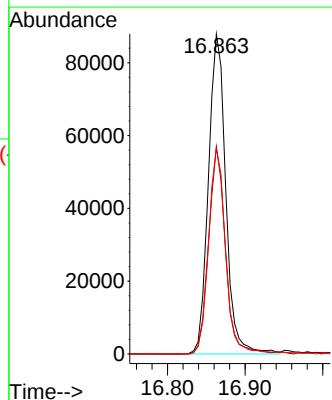
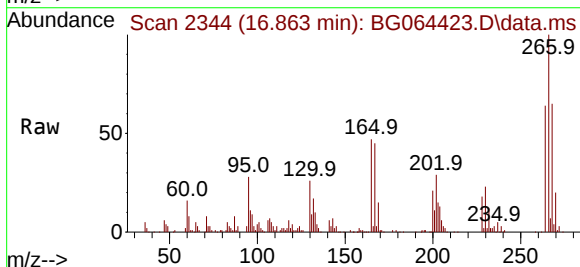
Tgt Ion:266 Resp: 136826

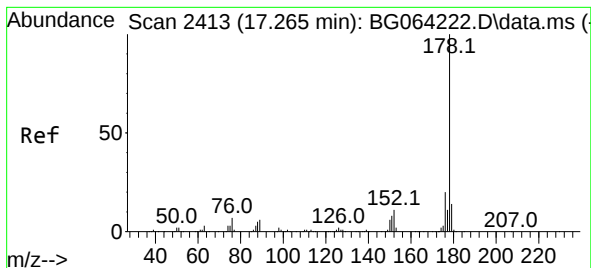
Ion Ratio Lower Upper

266 100

268 64.8 49.4 74.0

264 64.4 44.3 66.5





#71

Phenanthrene

Concen: 55.529 ng

RT: 17.251 min Scan# 2410

Delta R.T. -0.015 min

Lab File: BG064423.D

Acq: 22 Sep 2025 20:21

Instrument :

BNA\_G

ClientSampleId :

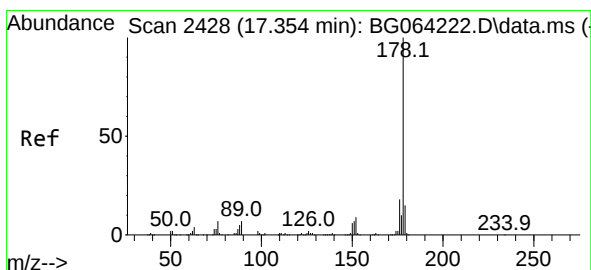
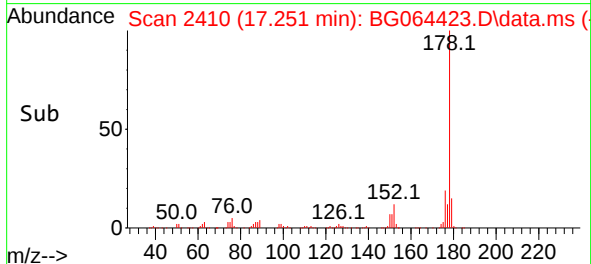
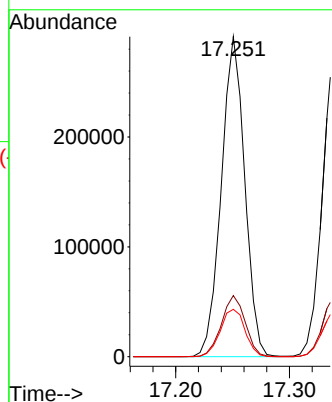
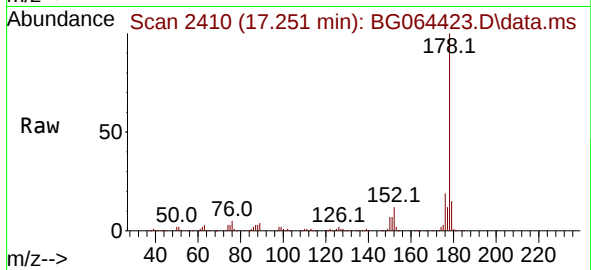
Tgt Ion:178 Resp: 416477

Ion Ratio Lower Upper

178 100

176 19.1 15.9 23.9

179 14.8 11.4 17.2



#72

Anthracene

Concen: 56.386 ng

RT: 17.339 min Scan# 2425

Delta R.T. -0.021 min

Lab File: BG064423.D

Acq: 22 Sep 2025 20:21

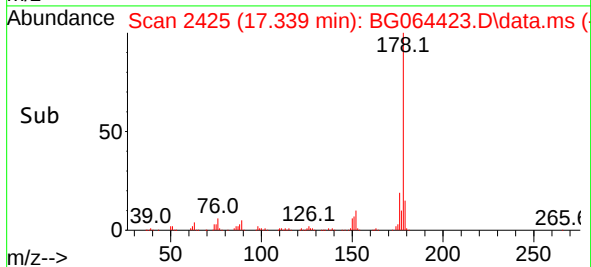
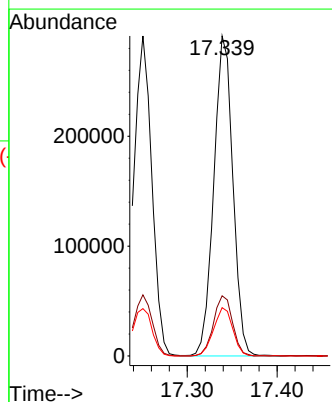
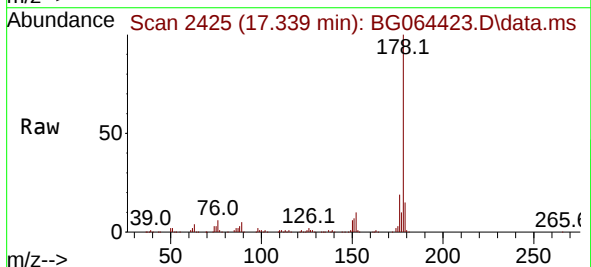
Tgt Ion:178 Resp: 430185

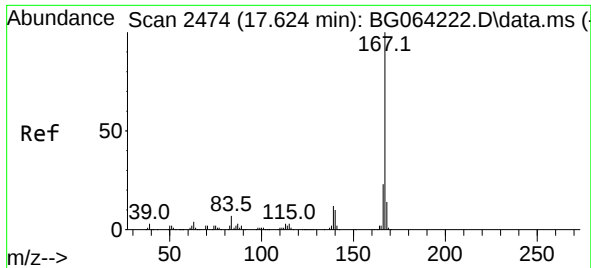
Ion Ratio Lower Upper

178 100

176 18.8 14.7 22.1

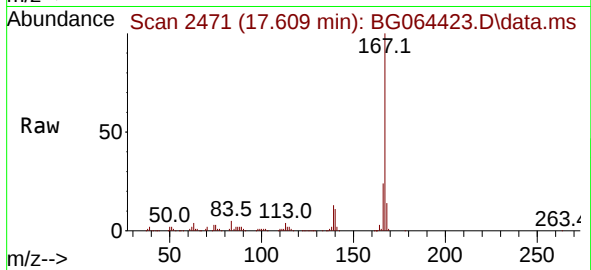
179 15.1 12.1 18.1



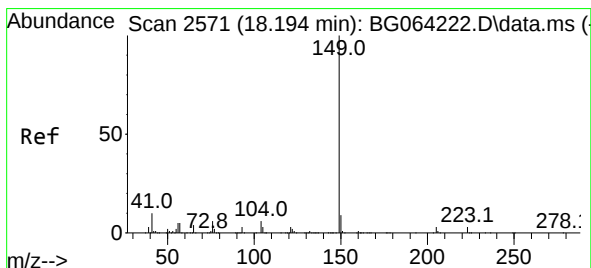
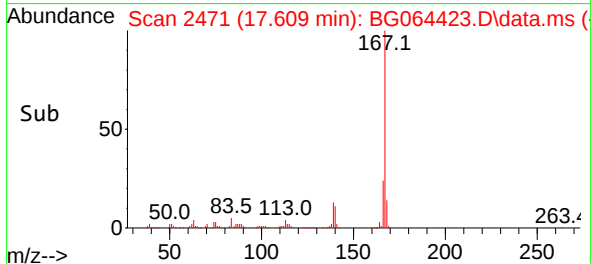
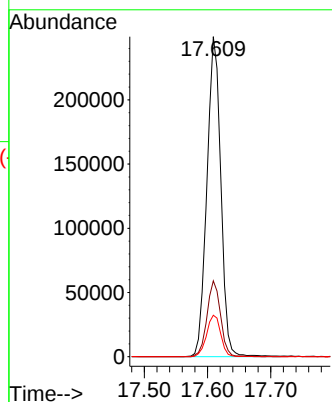


#73  
Carbazole  
Concen: 56.555 ng  
RT: 17.609 min Scan# 24  
Delta R.T. -0.015 min  
Lab File: BG064423.D  
Acq: 22 Sep 2025 20:21

Instrument :  
BNA\_G  
ClientSampleId :

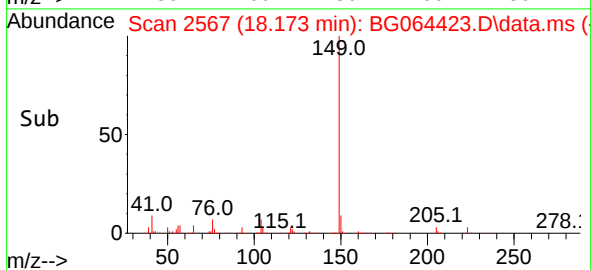
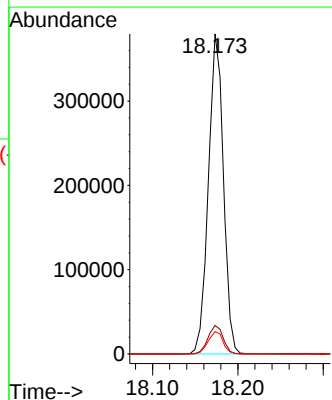
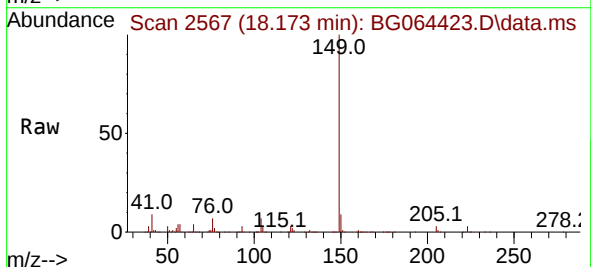


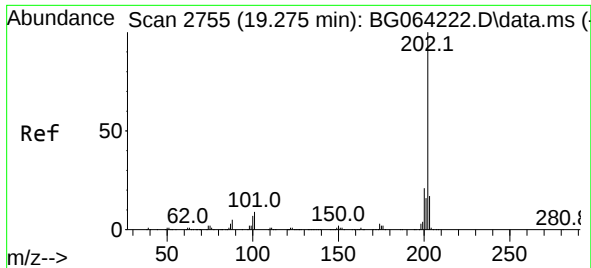
Tgt Ion:167 Resp: 380102  
Ion Ratio Lower Upper  
167 100  
166 23.7 18.2 27.2  
139 13.0 9.8 14.6



#74  
Di-n-butylphthalate  
Concen: 57.408 ng  
RT: 18.173 min Scan# 2567  
Delta R.T. -0.021 min  
Lab File: BG064423.D  
Acq: 22 Sep 2025 20:21

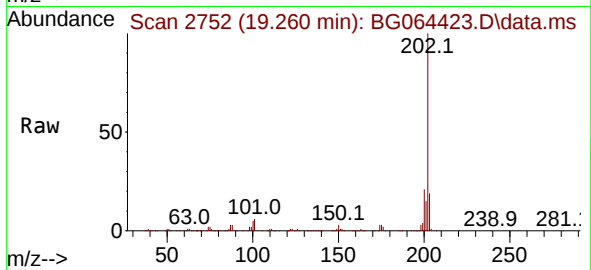
Tgt Ion:149 Resp: 463552  
Ion Ratio Lower Upper  
149 100  
150 8.9 7.5 11.3  
104 7.0 4.6 7.0#





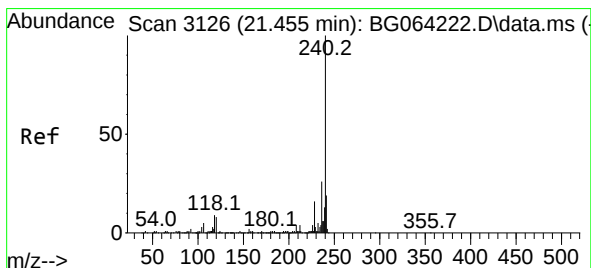
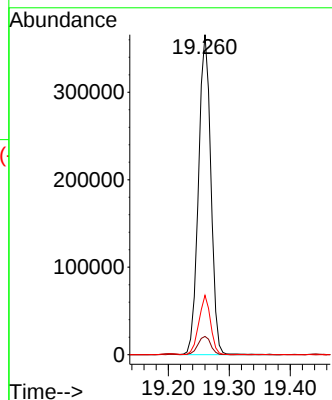
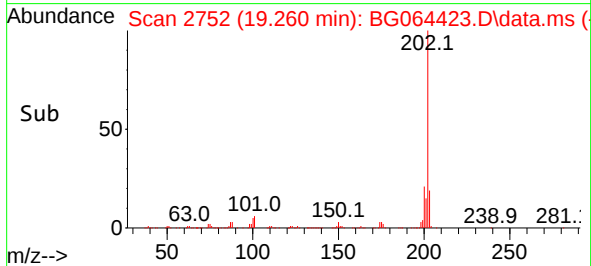
#75  
 Fluoranthene  
 Concen: 58.250 ng  
 RT: 19.260 min Scan# 21  
 Delta R.T. -0.015 min  
 Lab File: BG064423.D  
 Acq: 22 Sep 2025 20:21

Instrument :  
 BNA\_G  
 ClientSampleId :



Tgt Ion:202 Resp: 513695  

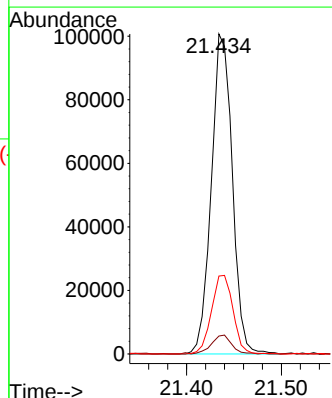
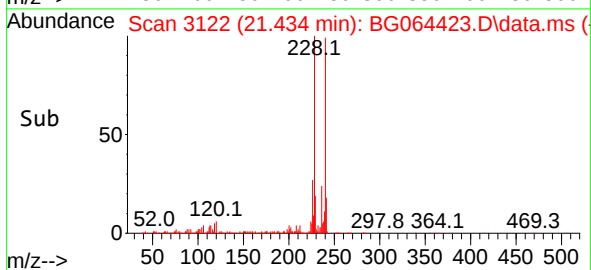
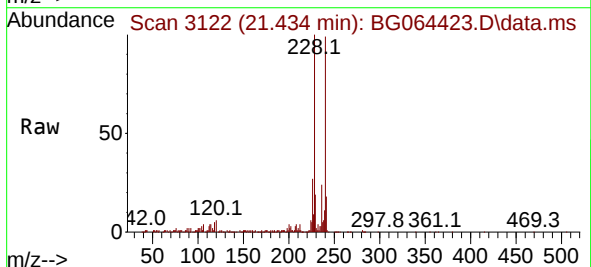
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 202 | 100   |       |       |
| 101 | 5.7   | 0.0   | 28.7  |
| 203 | 18.5  | 0.0   | 36.9  |

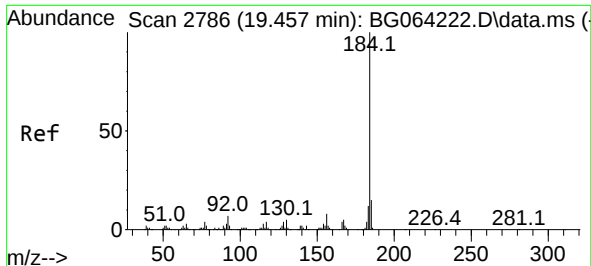


#76  
 Chrysene-d12  
 Concen: 20.000 ng  
 RT: 21.434 min Scan# 3122  
 Delta R.T. -0.021 min  
 Lab File: BG064423.D  
 Acq: 22 Sep 2025 20:21

Tgt Ion:240 Resp: 154879  

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 240 | 100   |       |       |
| 120 | 5.6   | 6.2   | 9.4#  |
| 236 | 24.4  | 20.5  | 30.7  |

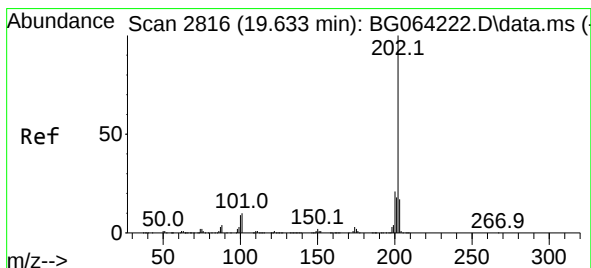
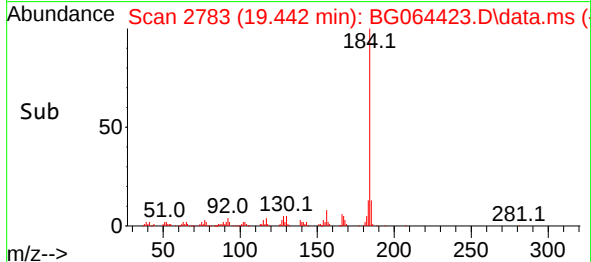
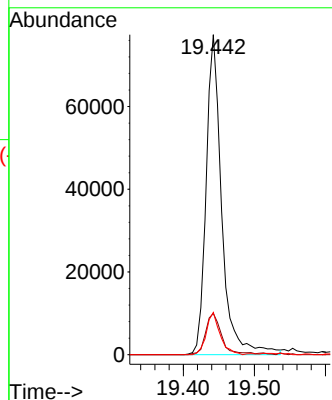
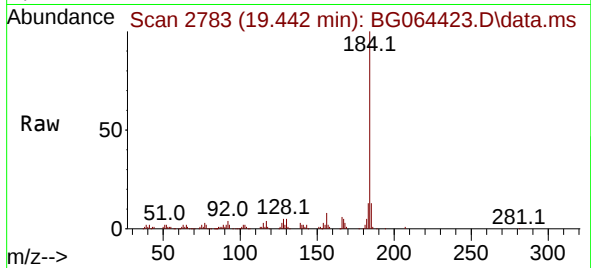




#77  
Benzidine  
Concen: 36.296 ng  
RT: 19.442 min Scan# 21  
Delta R.T. -0.015 min  
Lab File: BG064423.D  
Acq: 22 Sep 2025 20:21

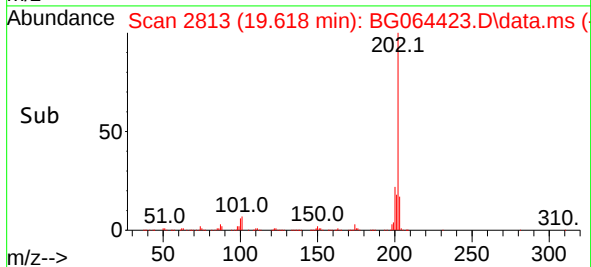
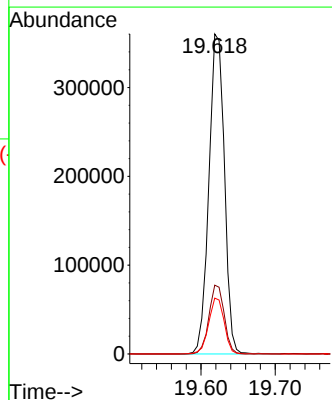
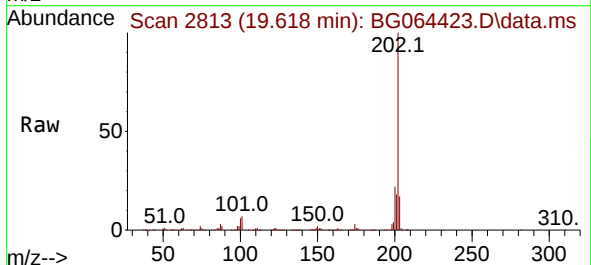
Instrument :  
BNA\_G  
ClientSampleId :

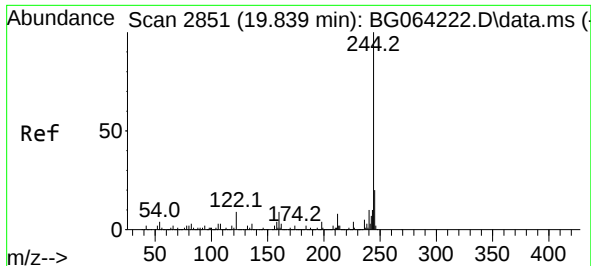
Tgt Ion:184 Resp: 118256  
Ion Ratio Lower Upper  
184 100  
185 12.9 11.7 17.5  
183 13.2 9.7 14.5



#78  
Pyrene  
Concen: 53.777 ng  
RT: 19.618 min Scan# 2813  
Delta R.T. -0.021 min  
Lab File: BG064423.D  
Acq: 22 Sep 2025 20:21

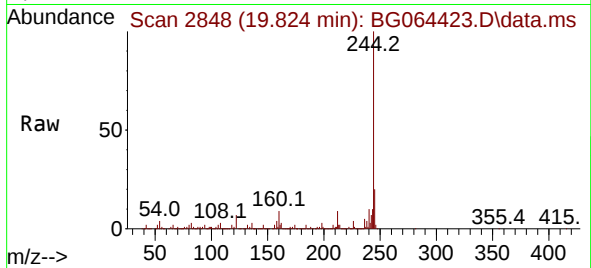
Tgt Ion:202 Resp: 524732  
Ion Ratio Lower Upper  
202 100  
200 21.5 16.9 25.3  
203 17.5 13.8 20.8



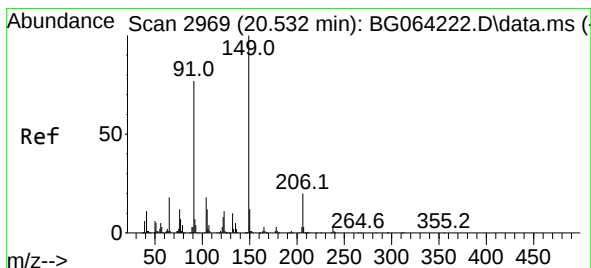
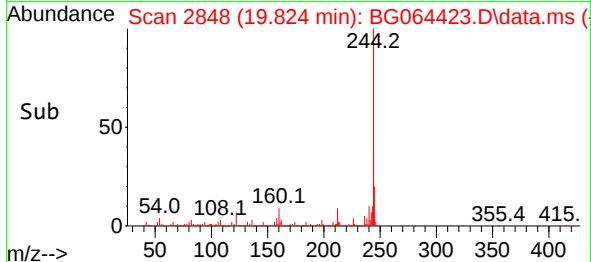
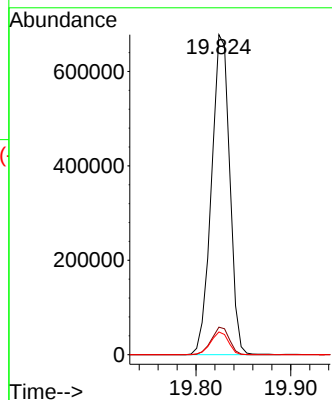


#79  
 Terphenyl-d14  
 Concen: 121.951 ng  
 RT: 19.824 min Scan# 21  
 Delta R.T. -0.021 min  
 Lab File: BG064423.D  
 Acq: 22 Sep 2025 20:21

Instrument :  
 BNA\_G  
 ClientSampleId :

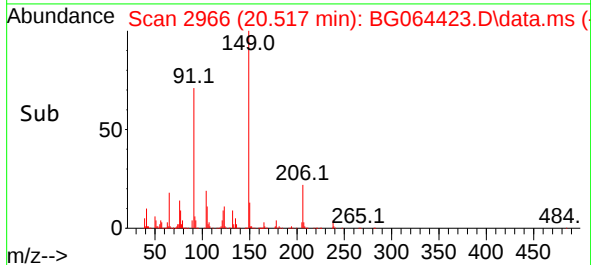
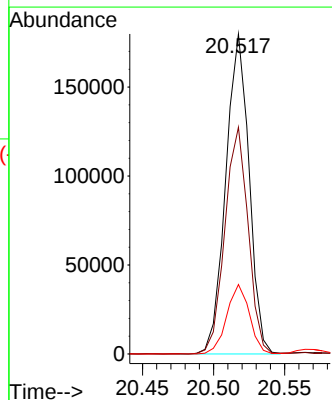
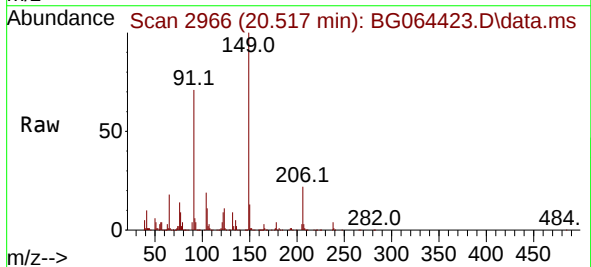


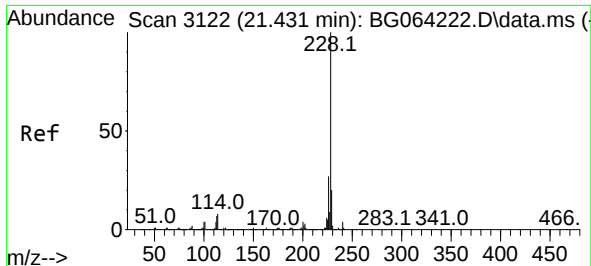
Tgt Ion:244 Resp: 905293  
 Ion Ratio Lower Upper  
 244 100  
 212 8.6 6.6 10.0  
 122 7.1 7.0 10.6



#80  
 Butylbenzylphthalate  
 Concen: 55.740 ng  
 RT: 20.517 min Scan# 2966  
 Delta R.T. -0.015 min  
 Lab File: BG064423.D  
 Acq: 22 Sep 2025 20:21

Tgt Ion:149 Resp: 205141  
 Ion Ratio Lower Upper  
 149 100  
 91 70.9 61.4 92.0  
 206 21.7 15.8 23.6

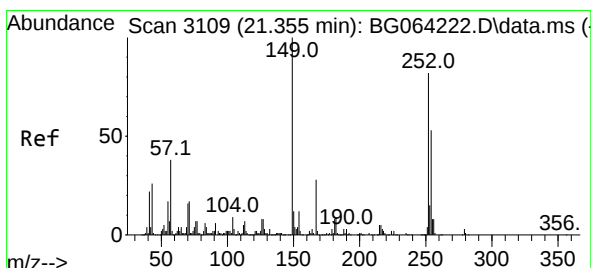
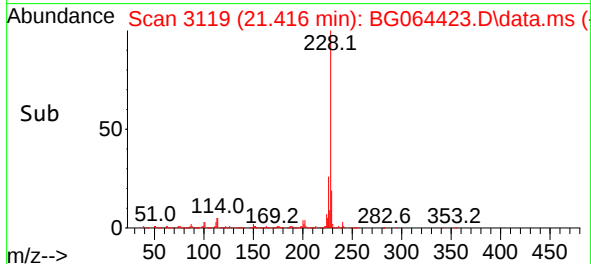
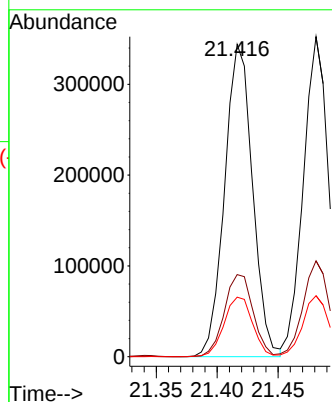
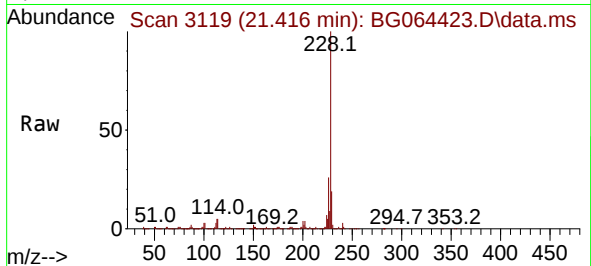




#81  
Benzo(a)anthracene  
Concen: 55.376 ng  
RT: 21.416 min Scan# 3119  
Delta R.T. -0.021 min  
Lab File: BG064423.D  
Acq: 22 Sep 2025 20:21

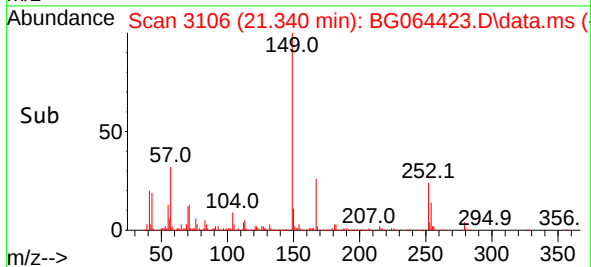
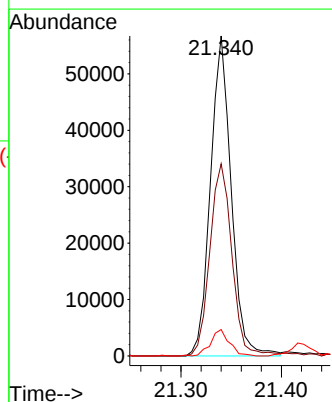
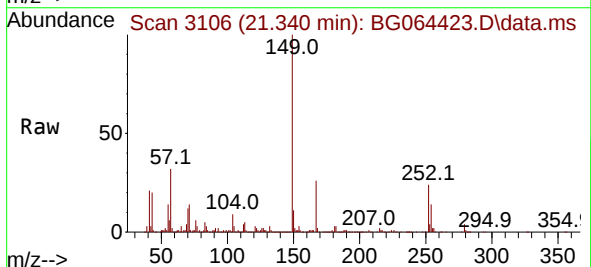
Instrument :  
BNA\_G  
ClientSampleId :

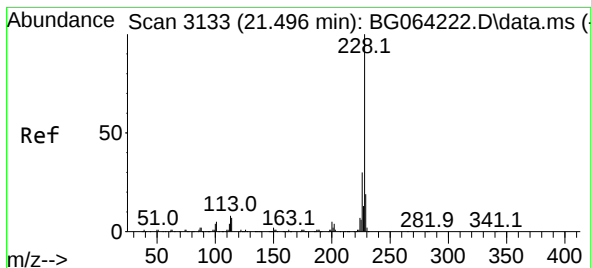
Tgt Ion:228 Resp: 548696  
Ion Ratio Lower Upper  
228 100  
226 26.3 21.7 32.5  
229 19.0 15.9 23.9



#82  
3,3'-Dichlorobenzidine  
Concen: 25.271 ng  
RT: 21.340 min Scan# 3106  
Delta R.T. -0.021 min  
Lab File: BG064423.D  
Acq: 22 Sep 2025 20:21

Tgt Ion:252 Resp: 81549  
Ion Ratio Lower Upper  
252 100  
254 60.0 51.9 77.9  
126 8.3 7.6 11.4





#83

Chrysene

Concen: 53.696 ng

RT: 21.481 min Scan# 31

Delta R.T. -0.021 min

Lab File: BG064423.D

Acq: 22 Sep 2025 20:21

Instrument :

BNA\_G

ClientSampleId :

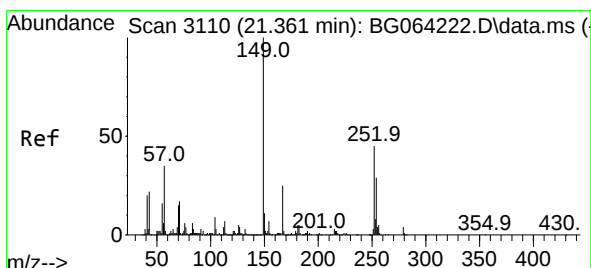
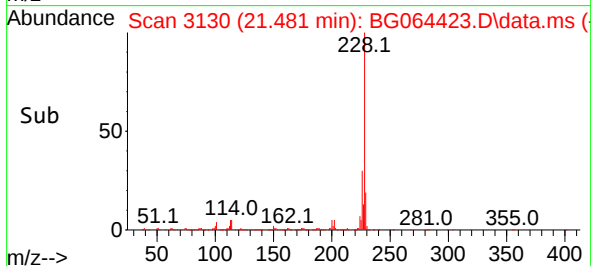
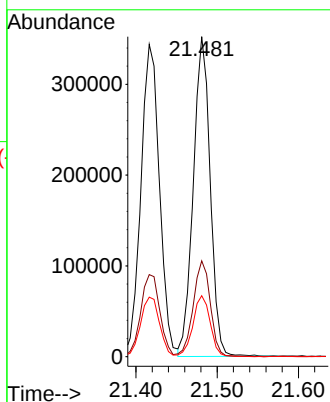
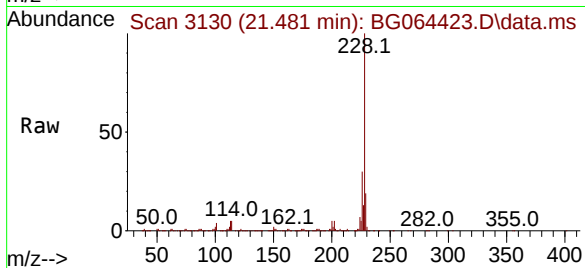
Tgt Ion:228 Resp: 510784

Ion Ratio Lower Upper

228 100

226 29.9 24.2 36.2

229 19.1 15.4 23.2



#84

Bis(2-ethylhexyl)phthalate

Concen: 53.560 ng

RT: 21.340 min Scan# 3106

Delta R.T. -0.027 min

Lab File: BG064423.D

Acq: 22 Sep 2025 20:21

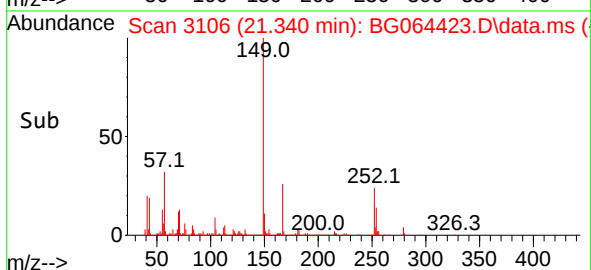
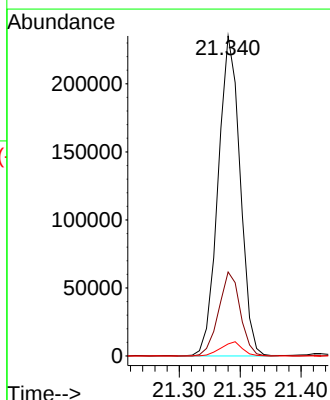
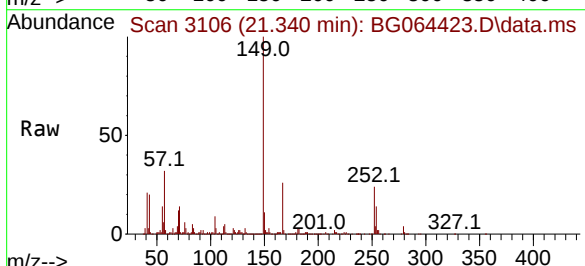
Tgt Ion:149 Resp: 295940

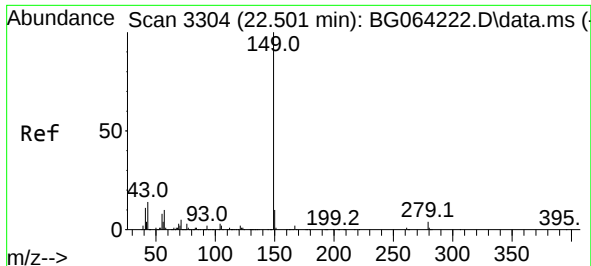
Ion Ratio Lower Upper

149 100

167 26.3 20.0 30.0

279 3.8 3.0 4.4

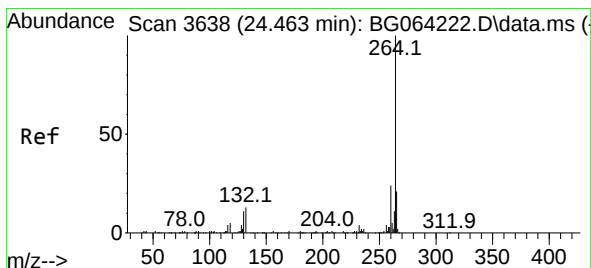
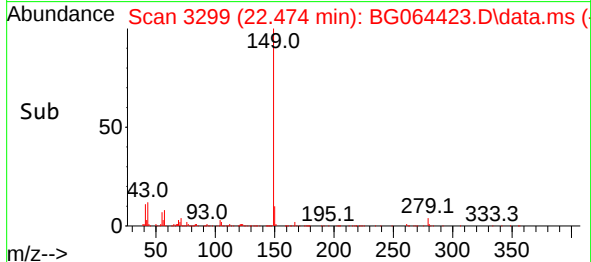
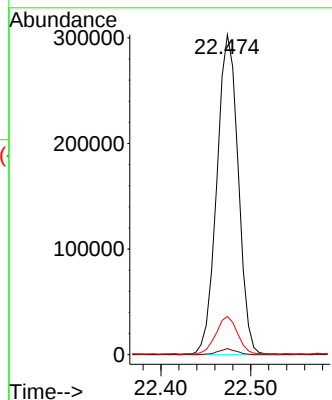
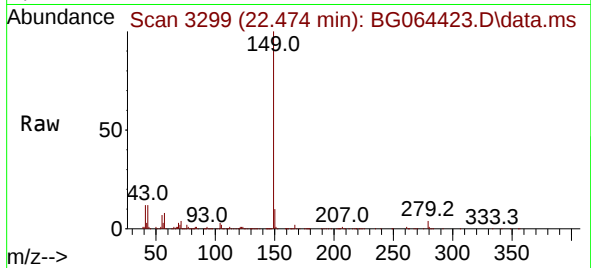




#85  
Di-n-octyl phthalate  
Concen: 52.108 ng  
RT: 22.474 min Scan# 31  
Delta R.T. -0.033 min  
Lab File: BG064423.D  
Acq: 22 Sep 2025 20:21

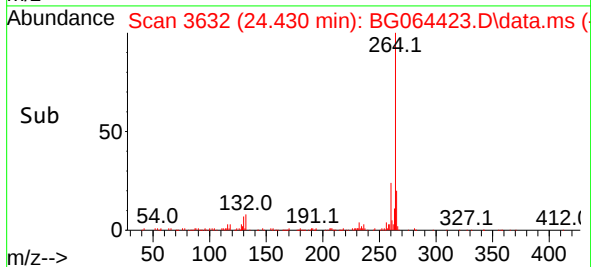
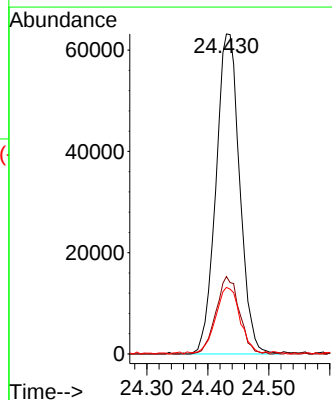
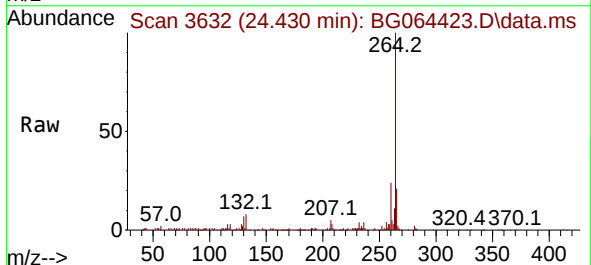
Instrument :  
BNA\_G  
ClientSampleId :

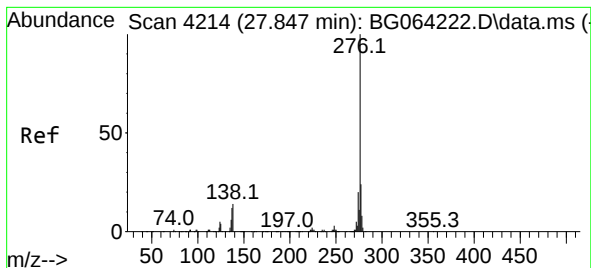
Tgt Ion:149 Resp: 501675  
Ion Ratio Lower Upper  
149 100  
167 1.6 1.3 1.9  
43 11.9 10.8 16.2



#86  
Perylene-d12  
Concen: 20.000 ng  
RT: 24.430 min Scan# 3632  
Delta R.T. -0.033 min  
Lab File: BG064423.D  
Acq: 22 Sep 2025 20:21

Tgt Ion:264 Resp: 170575  
Ion Ratio Lower Upper  
264 100  
260 24.2 18.9 28.3  
265 20.8 16.7 25.1





#87

Indeno(1,2,3-cd)pyrene

Concen: 56.237 ng

RT: 27.826 min Scan# 41

Delta R.T. -0.044 min

Lab File: BG064423.D

Acq: 22 Sep 2025 20:21

Instrument :

BNA\_G

ClientSampleId :

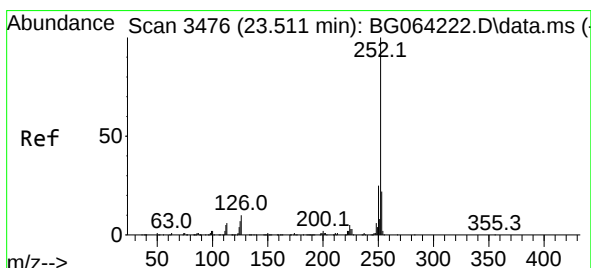
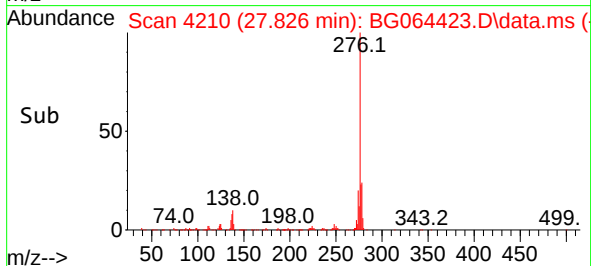
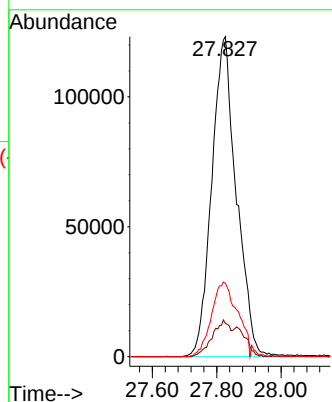
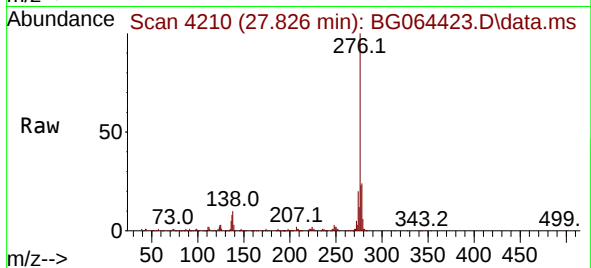
Tgt Ion:276 Resp: 655089

Ion Ratio Lower Upper

276 100

138 8.6 7.4 11.0

277 25.4 20.5 30.7



#88

Benzo(b)fluoranthene

Concen: 55.454 ng

RT: 23.496 min Scan# 3473

Delta R.T. -0.021 min

Lab File: BG064423.D

Acq: 22 Sep 2025 20:21

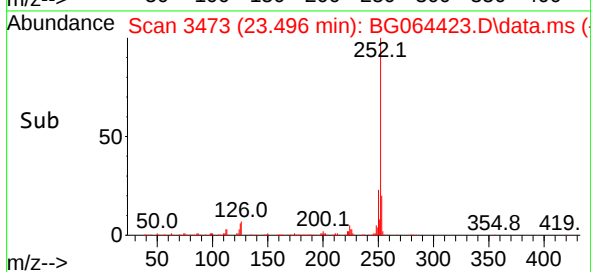
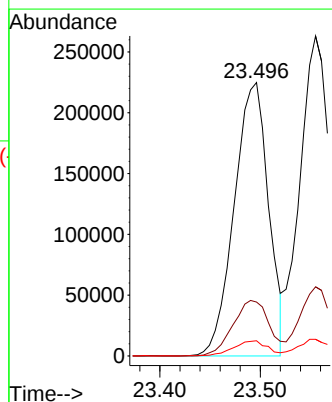
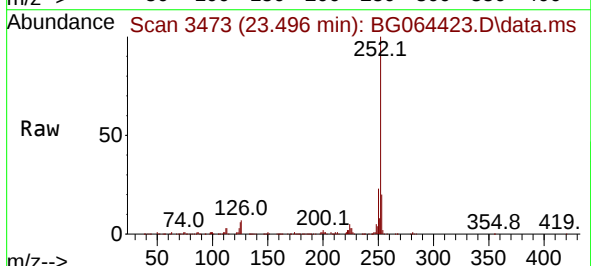
Tgt Ion:252 Resp: 533862

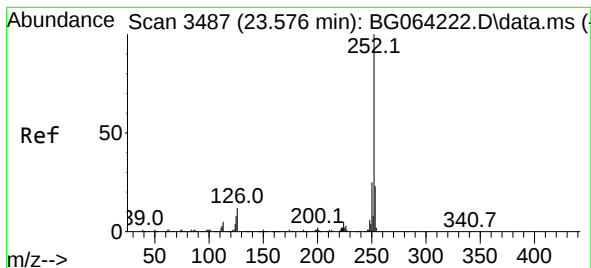
Ion Ratio Lower Upper

252 100

253 19.7 17.5 26.3

125 5.5 5.9 8.9#





#89

Benzo(k)fluoranthene

Concen: 56.121 ng

RT: 23.555 min Scan# 34

Delta R.T. -0.033 min

Lab File: BG064423.D

Acq: 22 Sep 2025 20:21

Instrument :

BNA\_G

ClientSampleId :

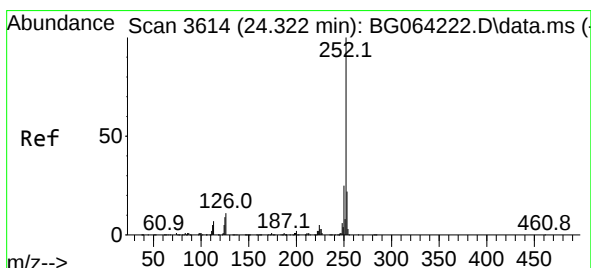
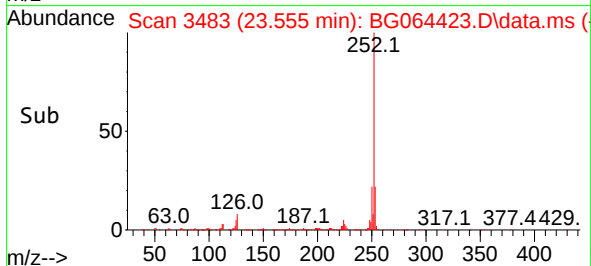
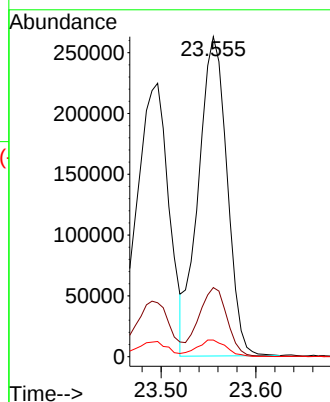
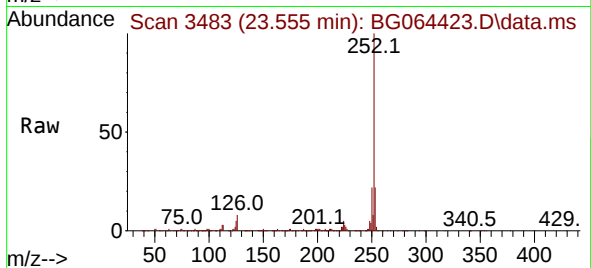
Tgt Ion:252 Resp: 550421

Ion Ratio Lower Upper

252 100

253 21.6 18.2 27.4

125 5.2 7.0 10.4#



#90

Benzo(a)pyrene

Concen: 58.335 ng

RT: 24.295 min Scan# 3609

Delta R.T. -0.033 min

Lab File: BG064423.D

Acq: 22 Sep 2025 20:21

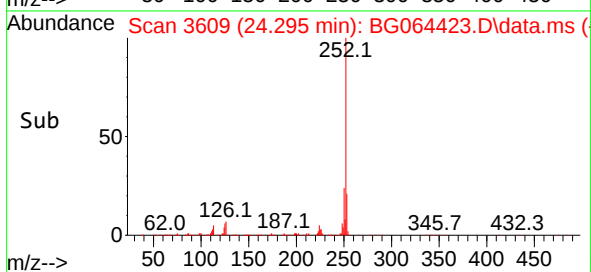
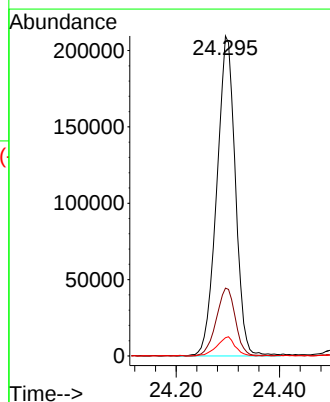
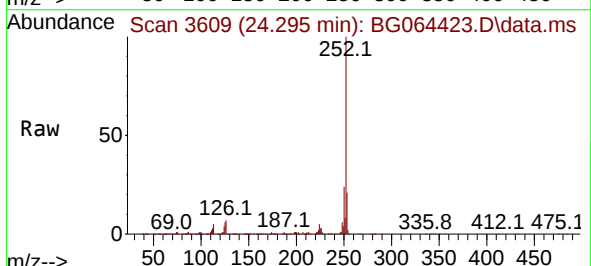
Tgt Ion:252 Resp: 522408

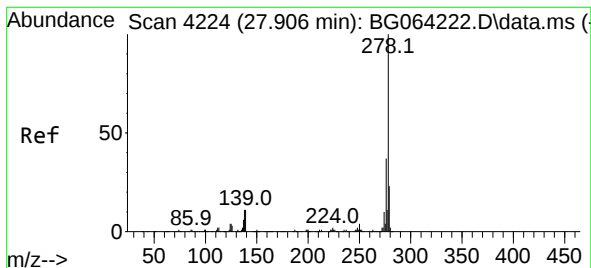
Ion Ratio Lower Upper

252 100

253 21.2 17.4 26.2

125 5.7 7.0 10.6#





#91

Dibenzo(a,h)anthracene

Concen: 57.651 ng

RT: 27.874 min Scan# 4318

Delta R.T. -0.050 min

Lab File: BG064423.D

Acq: 22 Sep 2025 20:21

Instrument :

BNA\_G

ClientSampleId :

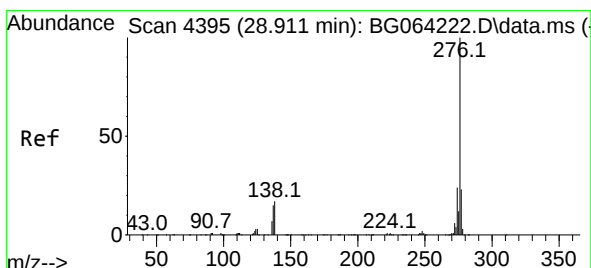
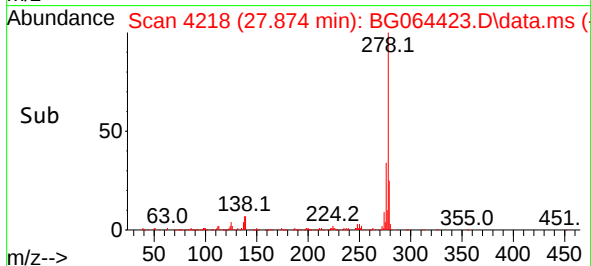
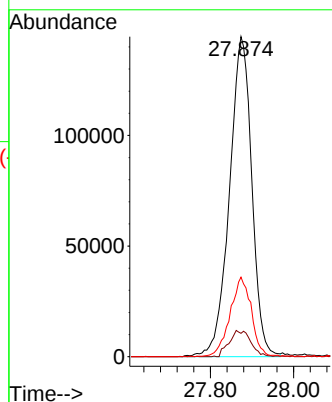
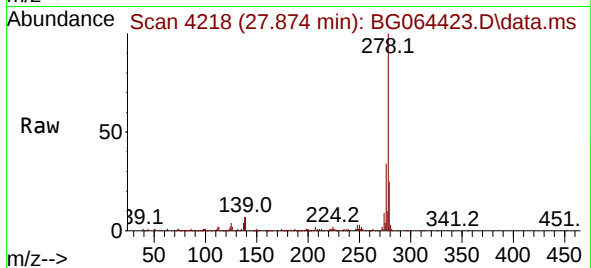
Tgt Ion:278 Resp: 539205

Ion Ratio Lower Upper

278 100

139 7.3 9.0 13.4#

279 24.8 18.8 28.2



#92

Benzo(g,h,i)perylene

Concen: 57.926 ng

RT: 28.878 min Scan# 4389

Delta R.T. -0.056 min

Lab File: BG064423.D

Acq: 22 Sep 2025 20:21

Tgt Ion:276 Resp: 527184

Ion Ratio Lower Upper

276 100

277 23.2 18.2 27.4

138 11.4 13.3 19.9#

