

Data Path : Z:\svoasrv\HPCHEM1\BNA\_G\Data\BG082725\  
 Data File : BG064215.D  
 Acq On : 27 Aug 2025 17:39  
 Operator : RC/JU  
 Sample : SSTDICV040  
 Misc :  
 ALS Vial : 10 Sample Multiplier: 1

Instrument :  
 BNA\_G  
 ClientSampleId :  
 ICVBG082725

Quant Time: Aug 27 18:19:03 2025  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_G\Methods\8270-BG082725.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Wed Aug 27 18:02:44 2025  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc   | Units | Dev(Min) |
|-------------------------------|--------|------|----------|--------|-------|----------|
| -----                         |        |      |          |        |       |          |
| Internal Standards            |        |      |          |        |       |          |
| 1) 1,4-Dichlorobenzene-d4     | 7.859  | 152  | 28594    | 20.000 | ng    | 0.00     |
| 21) Naphthalene-d8            | 10.644 | 136  | 142472   | 20.000 | ng    | 0.00     |
| 39) Acenaphthene-d10          | 14.481 | 164  | 105018   | 20.000 | ng    | 0.00     |
| 64) Phenanthrene-d10          | 17.225 | 188  | 251424   | 20.000 | ng    | # 0.00   |
| 76) Chrysene-d12              | 21.455 | 240  | 256711   | 20.000 | ng    | 0.00     |
| 86) Perylene-d12              | 24.458 | 264  | 281164   | 20.000 | ng    | 0.00     |
| System Monitoring Compounds   |        |      |          |        |       |          |
| 5) 2-Fluorophenol             | 5.445  | 112  | 115001   | 77.046 | ng    | 0.00     |
| 7) Phenol-d6                  | 7.025  | 99   | 169923   | 76.989 | ng    | 0.00     |
| 23) Nitrobenzene-d5           | 9.011  | 82   | 194639   | 77.128 | ng    | 0.00     |
| 42) 2,4,6-Tribromophenol      | 15.967 | 330  | 103219   | 75.418 | ng    | 0.00     |
| 45) 2-Fluorobiphenyl          | 13.106 | 172  | 496550   | 74.796 | ng    | 0.00     |
| 79) Terphenyl-d14             | 19.839 | 244  | 927792   | 76.366 | ng    | 0.00     |
| Target Compounds              |        |      |          |        |       |          |
|                               |        |      |          |        |       | Qvalue   |
| 2) 1,4-Dioxane                | 3.365  | 88   | 24562    | 35.717 | ng    | 95       |
| 3) Pyridine                   | 3.752  | 79   | 73974    | 38.187 | ng    | 95       |
| 4) n-Nitrosodimethylamine     | 3.664  | 42   | 53723    | 41.267 | ng    | 99       |
| 6) Aniline                    | 7.184  | 93   | 122717   | 40.964 | ng    | 97       |
| 8) 2-Chlorophenol             | 7.425  | 128  | 76714    | 40.019 | ng    | 98       |
| 9) Benzaldehyde               | 6.996  | 77   | 59643    | 33.690 | ng    | 97       |
| 10) Phenol                    | 7.049  | 94   | 95914    | 39.427 | ng    | 96       |
| 11) bis(2-Chloroethyl)ether   | 7.284  | 93   | 68548    | 38.993 | ng    | 97       |
| 12) 1,3-Dichlorobenzene       | 7.748  | 146  | 82493    | 40.785 | ng    | 98       |
| 13) 1,4-Dichlorobenzene       | 7.895  | 146  | 85652    | 41.113 | ng    | 98       |
| 14) 1,2-Dichlorobenzene       | 8.212  | 146  | 84057    | 41.737 | ng    | 96       |
| 15) Benzyl Alcohol            | 8.094  | 79   | 82848    | 41.072 | ng    | 98       |
| 16) 2,2'-oxybis(1-Chloropr... | 8.382  | 45   | 159776   | 39.449 | ng    | 100      |
| 17) 2-Methylphenol            | 8.294  | 107  | 69569    | 39.671 | ng    | 97       |
| 18) Hexachloroethane          | 8.935  | 117  | 32018    | 40.076 | ng    | 95       |
| 19) n-Nitroso-di-n-propyla... | 8.658  | 70   | 67606    | 40.486 | ng    | 95       |
| 20) 3+4-Methylphenols         | 8.623  | 107  | 96187    | 38.843 | ng    | 92       |
| 22) Acetophenone              | 8.676  | 105  | 137569   | 38.589 | ng    | 95       |
| 24) Nitrobenzene              | 9.052  | 77   | 100091   | 38.163 | ng    | 99       |
| 25) Isophorone                | 9.575  | 82   | 202937   | 38.206 | ng    | 97       |
| 26) 2-Nitrophenol             | 9.763  | 139  | 45953    | 40.634 | ng    | # 90     |
| 27) 2,4-Dimethylphenol        | 9.822  | 122  | 84962    | 41.530 | ng    | 99       |
| 28) bis(2-Chloroethoxy)met... | 10.057 | 93   | 108105   | 37.799 | ng    | 99       |
| 29) 2,4-Dichlorophenol        | 10.292 | 162  | 79179    | 37.559 | ng    | 99       |
| 30) 1,2,4-Trichlorobenzene    | 10.515 | 180  | 87920    | 39.161 | ng    | 91       |
| 31) Naphthalene               | 10.697 | 128  | 268971   | 36.975 | ng    | 99       |
| 32) Benzoic acid              | 9.969  | 122  | 64914    | 37.492 | ng    | 85       |
| 33) 4-Chloroaniline           | 10.803 | 127  | 123387   | 43.420 | ng    | 98       |
| 34) Hexachlorobutadiene       | 10.991 | 225  | 63048    | 38.362 | ng    | 97       |
| 35) Caprolactam               | 11.573 | 113  | 33094    | 39.205 | ng    | 96       |
| 36) 4-Chloro-3-methylphenol   | 11.925 | 107  | 105917   | 38.579 | ng    | 97       |
| 37) 2-Methylnaphthalene       | 12.307 | 142  | 185702   | 34.513 | ng    | 99       |
| 38) 1-Methylnaphthalene       | 12.524 | 142  | 197671   | 37.033 | ng    | 98       |
| 40) 1,2,4,5-Tetrachloroben... | 12.677 | 216  | 110399   | 38.061 | ng    | 97       |
| 41) Hexachlorocyclopentadiene | 12.660 | 237  | 70382    | 51.923 | ng    | 94       |
| 43) 2,4,6-Trichlorophenol     | 12.912 | 196  | 76495    | 38.413 | ng    | 99       |

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 ALS Vial : 10 Sample Multiplier: 1

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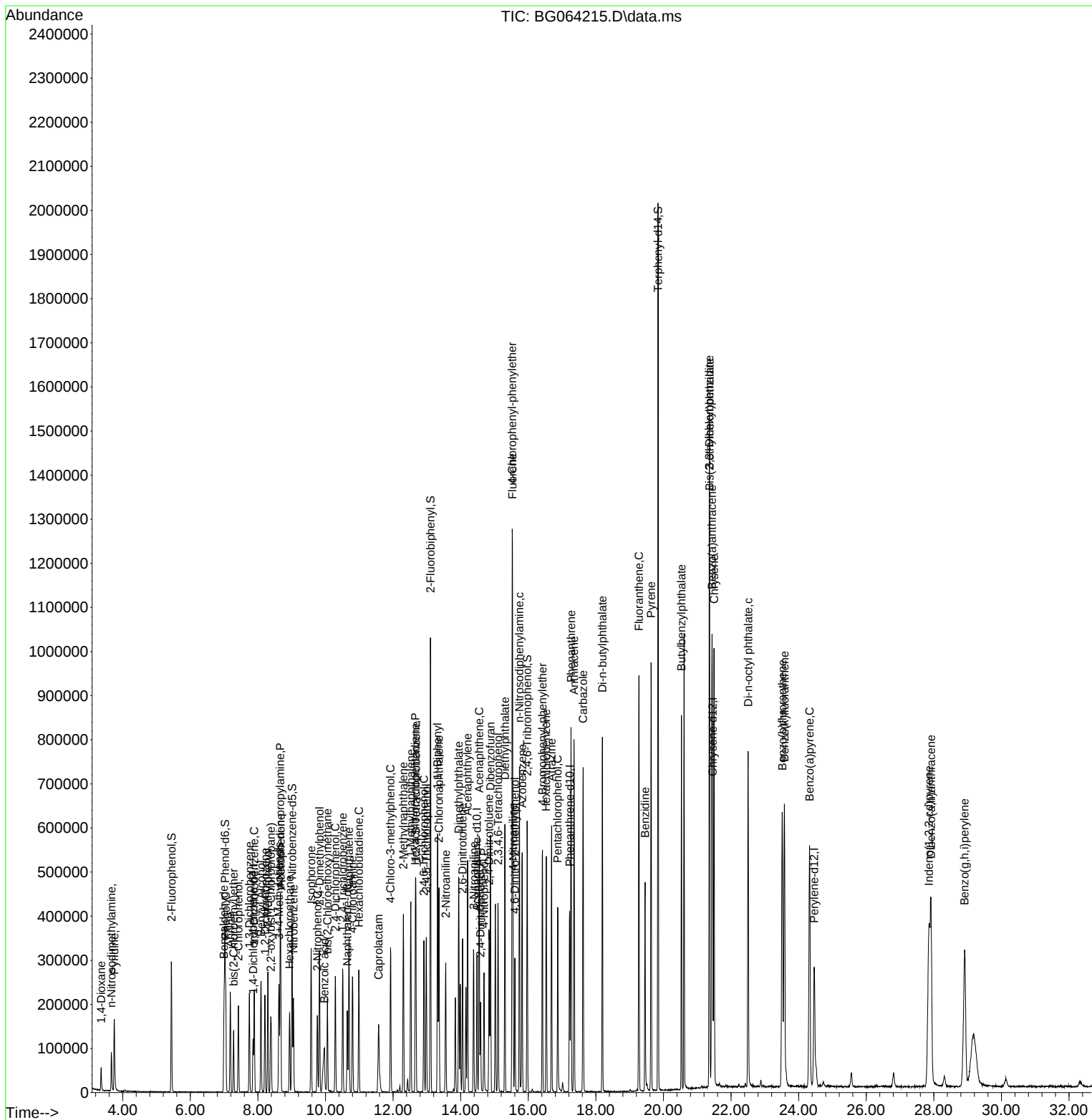
Quant Time: Aug 27 18:19:03 2025  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_G\Methods\8270-BG082725.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Wed Aug 27 18:02:44 2025  
 Response via : Initial Calibration

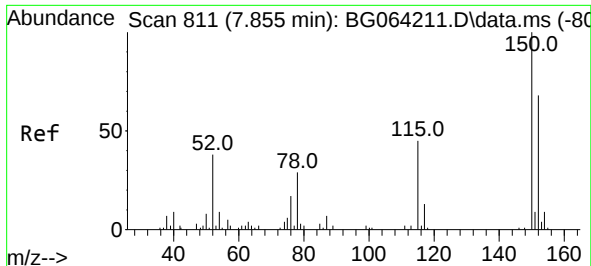
| Compound                      | R.T.   | QIon | Response | Conc   | Units | Dev(Min) |
|-------------------------------|--------|------|----------|--------|-------|----------|
| 44) 2,4,5-Trichlorophenol     | 12.983 | 196  | 86918    | 39.396 | ng    | 97       |
| 46) 1,1'-Biphenyl             | 13.318 | 154  | 286964   | 38.539 | ng    | 98       |
| 47) 2-Chloronaphthalene       | 13.359 | 162  | 214694   | 38.632 | ng    | 98       |
| 48) 2-Nitroaniline            | 13.559 | 65   | 81015    | 42.055 | ng    | 99       |
| 49) Acenaphthylene            | 14.205 | 152  | 360671   | 43.718 | ng    | 98       |
| 50) Dimethylphthalate         | 13.946 | 163  | 303807   | 38.557 | ng    | 99       |
| 51) 2,6-Dinitrotoluene        | 14.058 | 165  | 65420    | 43.978 | ng    | 96       |
| 52) Acenaphthene              | 14.552 | 154  | 219126   | 37.831 | ng    | 99       |
| 53) 3-Nitroaniline            | 14.387 | 138  | 68188    | 44.437 | ng #  | 98       |
| 54) 2,4-Dinitrophenol         | 14.587 | 184  | 37043    | 39.638 | ng    | 92       |
| 55) Dibenzofuran              | 14.881 | 168  | 349912   | 38.073 | ng    | 99       |
| 56) 4-Nitrophenol             | 14.693 | 139  | 53810    | 40.500 | ng    | 97       |
| 57) 2,4-Dinitrotoluene        | 14.839 | 165  | 95597    | 41.881 | ng #  | 96       |
| 58) Fluorene                  | 15.533 | 166  | 292539   | 38.956 | ng    | 98       |
| 59) 2,3,4,6-Tetrachlorophenol | 15.110 | 232  | 84097    | 40.289 | ng #  | 99       |
| 60) Diethylphthalate          | 15.309 | 149  | 325045   | 38.431 | ng    | 98       |
| 61) 4-Chlorophenyl-phenyle... | 15.527 | 204  | 147083   | 37.954 | ng    | 98       |
| 62) 4-Nitroaniline            | 15.550 | 138  | 70921    | 42.747 | ng    | 98       |
| 63) Azobenzene                | 15.821 | 77   | 289330   | 38.928 | ng    | 97       |
| 65) 4,6-Dinitro-2-methylph... | 15.603 | 198  | 59043    | 41.208 | ng    | 96       |
| 66) n-Nitrosodiphenylamine    | 15.738 | 169  | 260973   | 38.361 | ng    | 98       |
| 67) 4-Bromophenyl-phenylether | 16.420 | 248  | 100378   | 37.984 | ng    | 97       |
| 68) Hexachlorobenzene         | 16.532 | 284  | 109487   | 38.551 | ng    | 98       |
| 69) Atrazine                  | 16.690 | 200  | 107629   | 37.392 | ng    | 96       |
| 70) Pentachlorophenol         | 16.872 | 266  | 70486    | 39.106 | ng    | 96       |
| 71) Phenanthrene              | 17.266 | 178  | 494591   | 38.086 | ng    | 100      |
| 72) Anthracene                | 17.354 | 178  | 503363   | 38.269 | ng    | 99       |
| 73) Carbazole                 | 17.624 | 167  | 448239   | 38.162 | ng    | 97       |
| 74) Di-n-butylphthalate       | 18.194 | 149  | 542567   | 37.975 | ng    | 99       |
| 75) Fluoranthene              | 19.275 | 202  | 578803   | 37.292 | ng    | 99       |
| 77) Benzidine                 | 19.458 | 184  | 267050   | 50.247 | ng    | 99       |
| 78) Pyrene                    | 19.634 | 202  | 594846   | 37.182 | ng    | 99       |
| 80) Butylbenzylphthalate      | 20.533 | 149  | 236339   | 39.379 | ng    | 98       |
| 81) Benzo(a)anthracene        | 21.438 | 228  | 625210   | 38.112 | ng    | 99       |
| 82) 3,3'-Dichlorobenzidine    | 21.355 | 252  | 223540   | 42.221 | ng    | 96       |
| 83) Chrysene                  | 21.496 | 228  | 592586   | 37.558 | ng    | 99       |
| 84) Bis(2-ethylhexyl)phtha... | 21.367 | 149  | 353307   | 39.176 | ng #  | 100      |
| 85) Di-n-octyl phthalate      | 22.507 | 149  | 610903   | 38.359 | ng    | 99       |
| 87) Indeno(1,2,3-cd)pyrene    | 27.854 | 276  | 727840   | 38.235 | ng #  | 97       |
| 88) Benzo(b)fluoranthene      | 23.517 | 252  | 607803   | 38.479 | ng    | 99       |
| 89) Benzo(k)fluoranthene      | 23.582 | 252  | 609593   | 37.573 | ng    | 98       |
| 90) Benzo(a)pyrene            | 24.322 | 252  | 586776   | 39.865 | ng    | 99       |
| 91) Dibenzo(a,h)anthracene    | 27.918 | 278  | 602337   | 39.216 | ng    | 99       |
| 92) Benzo(g,h,i)perylene      | 28.911 | 276  | 582270   | 39.219 | ng    | 99       |

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

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BNA\_G  
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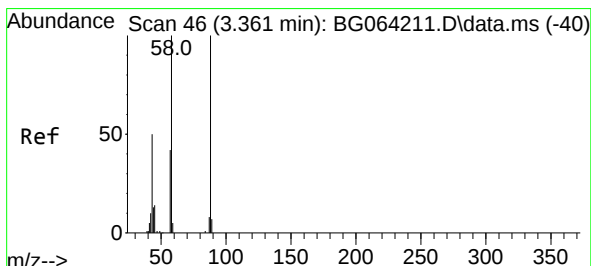
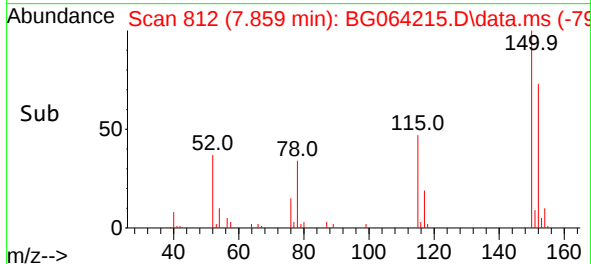
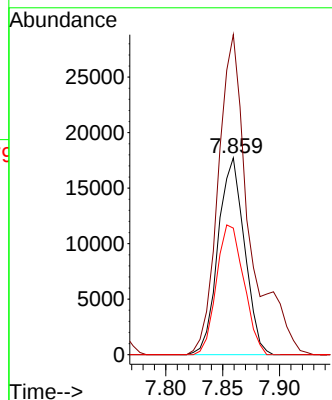
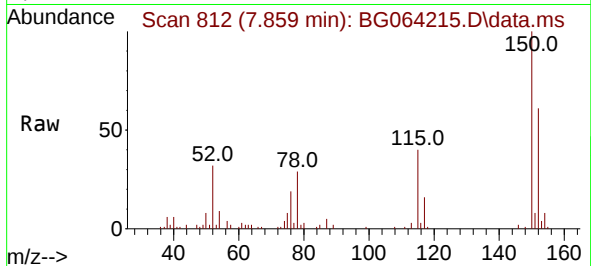




#1  
1,4-Dichlorobenzene-d4  
Concen: 20.000 ng  
RT: 7.859 min Scan# 811  
Delta R.T. 0.004 min  
Lab File: BG064215.D  
Acq: 27 Aug 2025 17:39

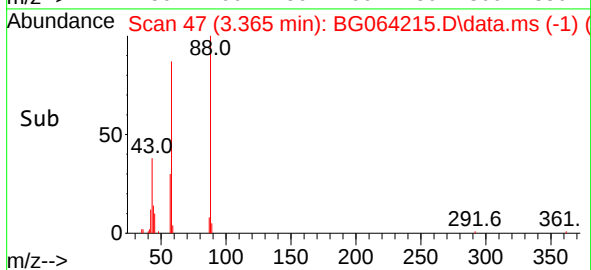
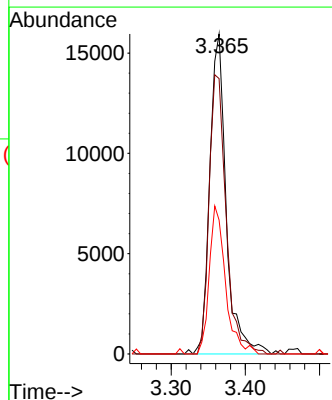
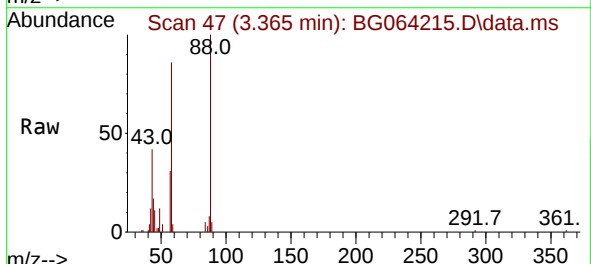
Instrument :  
BNA\_G  
ClientSampleId :  
ICVBG082725

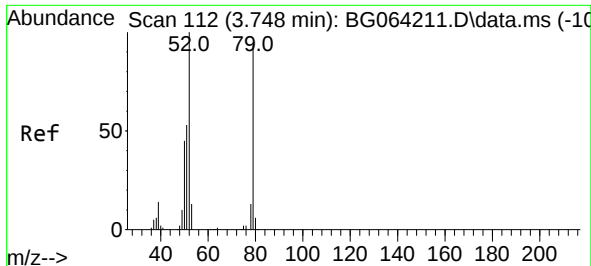
Tgt Ion:152 Resp: 28594  
Ion Ratio Lower Upper  
152 100  
150 162.7 117.6 176.4  
115 64.3 53.1 79.7



#2  
1,4-Dioxane  
Concen: 35.717 ng  
RT: 3.365 min Scan# 47  
Delta R.T. 0.004 min  
Lab File: BG064215.D  
Acq: 27 Aug 2025 17:39

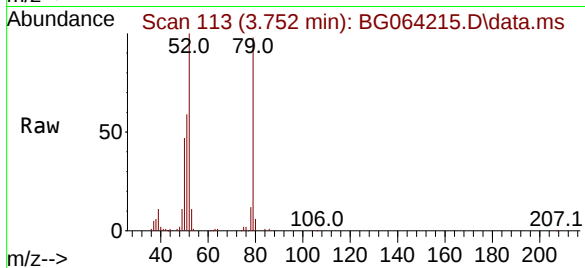
Tgt Ion: 88 Resp: 24562  
Ion Ratio Lower Upper  
88 100  
58 90.3 76.8 115.2  
43 45.7 38.0 57.0





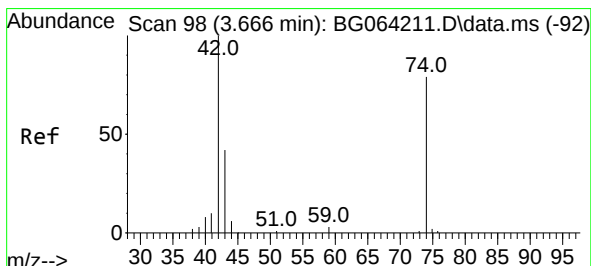
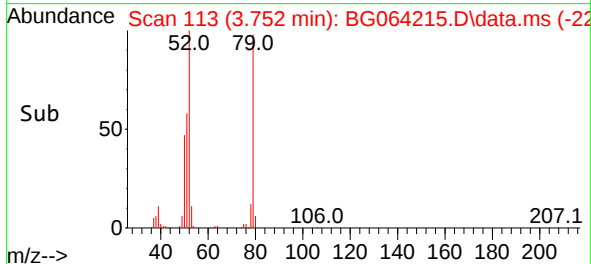
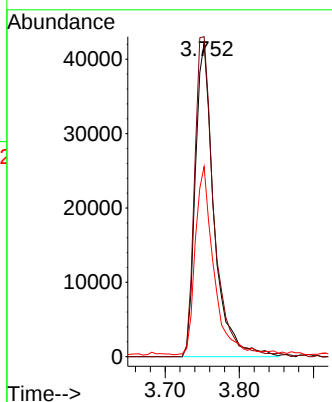
#3  
Pyridine  
Concen: 38.187 ng  
RT: 3.752 min Scan# 112  
Delta R.T. 0.004 min  
Lab File: BG064215.D  
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Instrument :  
BNA\_G  
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ICVBG082725



Tgt Ion: 79 Resp: 73974

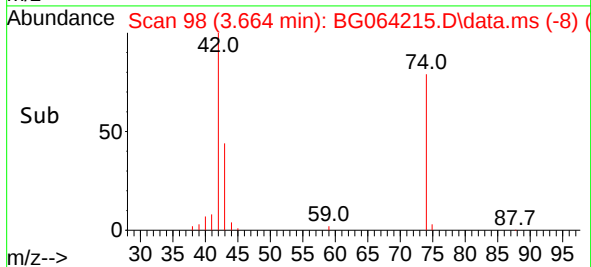
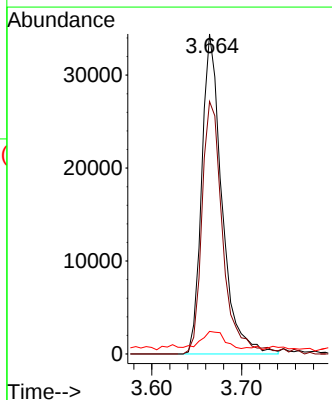
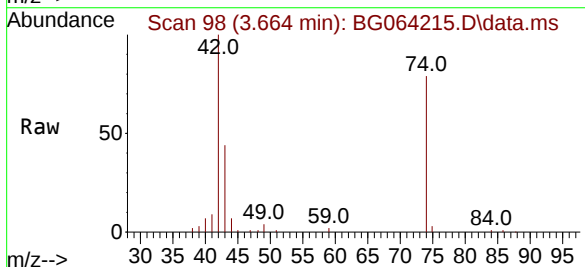
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 79  | 100   |       |       |
| 52  | 102.0 | 85.5  | 128.3 |
| 51  | 60.6  | 45.7  | 68.5  |

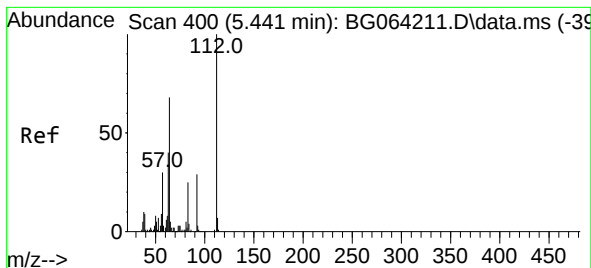


#4  
n-Nitrosodimethylamine  
Concen: 41.267 ng  
RT: 3.664 min Scan# 98  
Delta R.T. -0.002 min  
Lab File: BG064215.D  
Acq: 27 Aug 2025 17:39

Tgt Ion: 42 Resp: 53723

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 42  | 100   |       |       |
| 74  | 78.9  | 62.9  | 94.3  |
| 44  | 7.0   | 6.5   | 9.7   |





#5

2-Fluorophenol

Concen: 77.046 ng

RT: 5.445 min Scan# 400

Delta R.T. 0.004 min

Lab File: BG064215.D

Acq: 27 Aug 2025 17:39

Instrument :

BNA\_G

ClientSampleId :

ICVBG082725

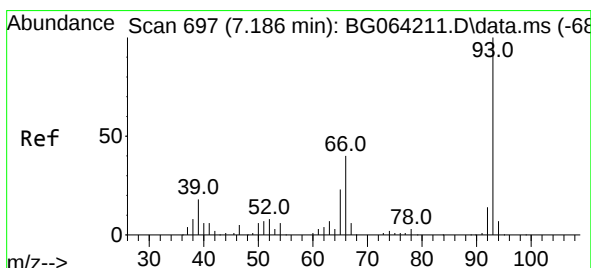
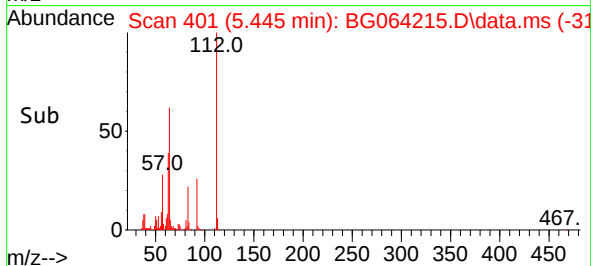
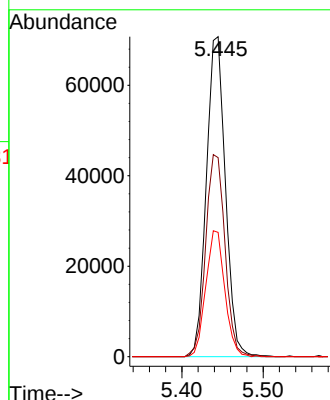
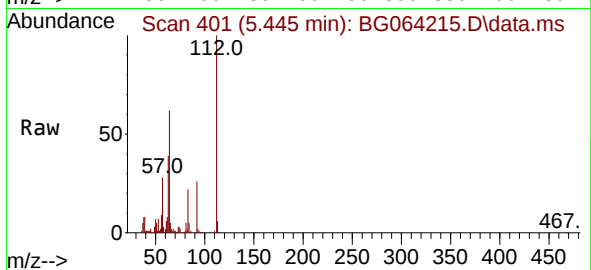
Tgt Ion:112 Resp: 115001

Ion Ratio Lower Upper

112 100

64 62.2 54.1 81.1

63 38.8 32.4 48.6



#6

Aniline

Concen: 40.964 ng

RT: 7.184 min Scan# 697

Delta R.T. -0.002 min

Lab File: BG064215.D

Acq: 27 Aug 2025 17:39

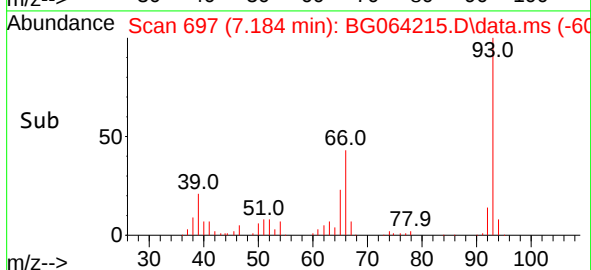
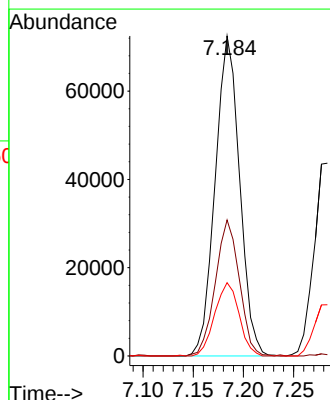
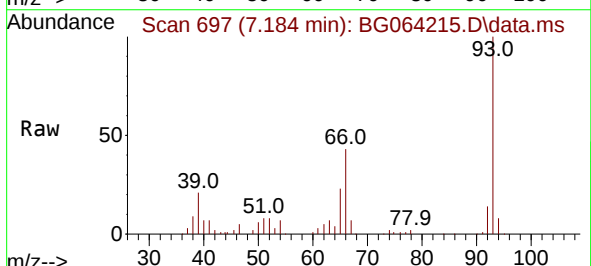
Tgt Ion: 93 Resp: 122717

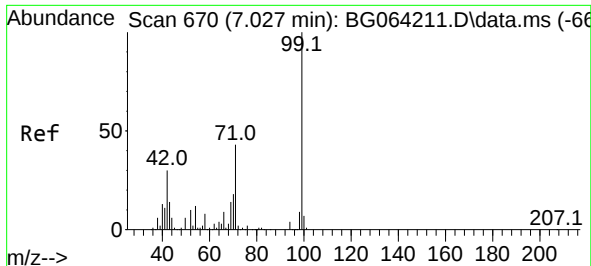
Ion Ratio Lower Upper

93 100

66 42.5 31.8 47.8

65 22.9 18.0 27.0

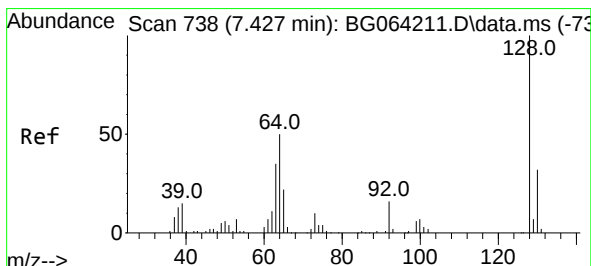
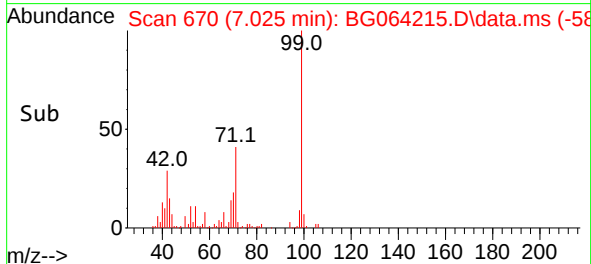
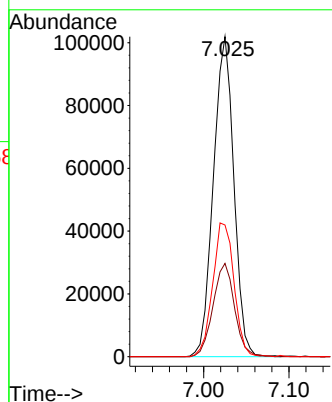
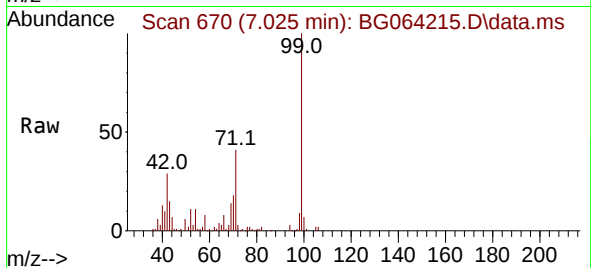




#7  
Phenol-d6  
Concen: 76.989 ng  
RT: 7.025 min Scan# 61  
Delta R.T. -0.002 min  
Lab File: BG064215.D  
Acq: 27 Aug 2025 17:39

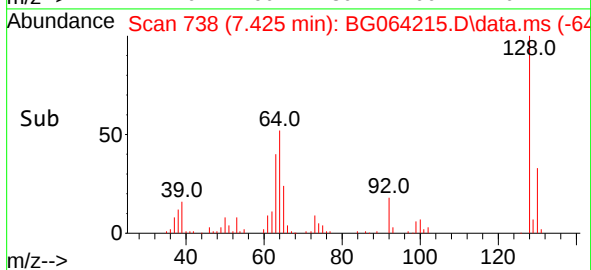
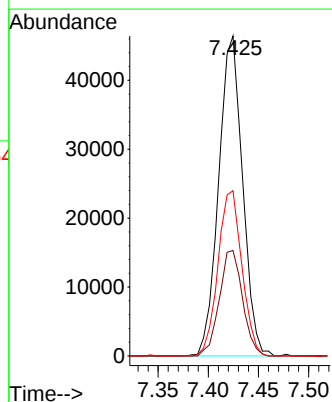
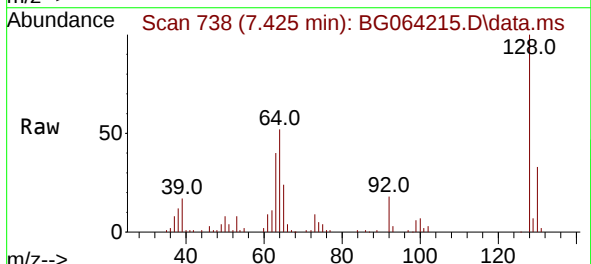
Instrument :  
BNA\_G  
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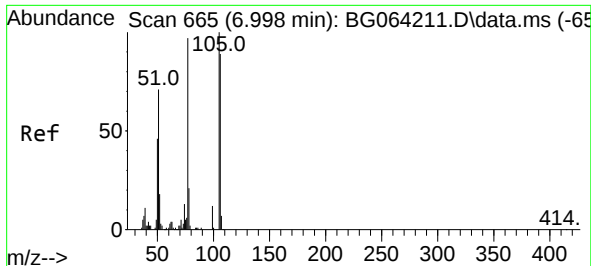
Tgt Ion: 99 Resp: 169923  
Ion Ratio Lower Upper  
99 100  
42 29.1 24.2 36.2  
71 41.2 34.6 52.0



#8  
2-Chlorophenol  
Concen: 40.019 ng  
RT: 7.425 min Scan# 738  
Delta R.T. -0.002 min  
Lab File: BG064215.D  
Acq: 27 Aug 2025 17:39

Tgt Ion: 128 Resp: 76714  
Ion Ratio Lower Upper  
128 100  
130 33.0 11.8 51.8  
64 51.7 30.2 70.2

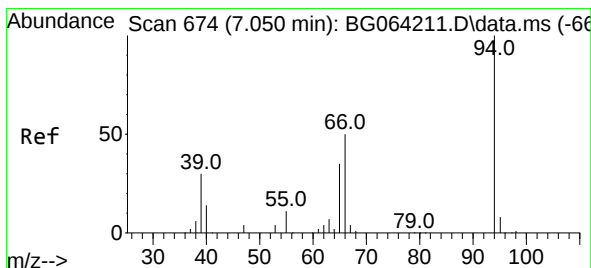
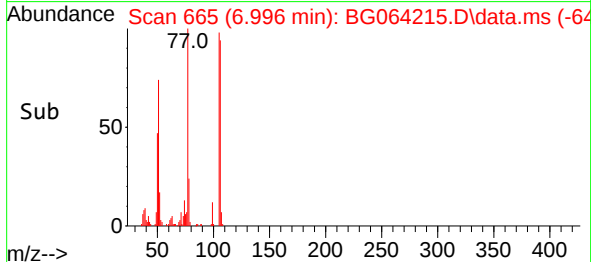
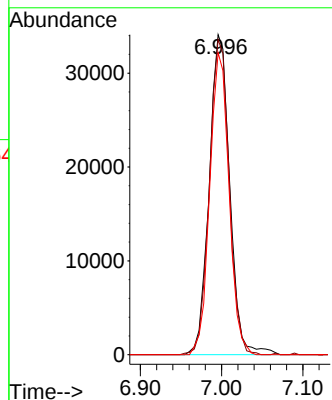
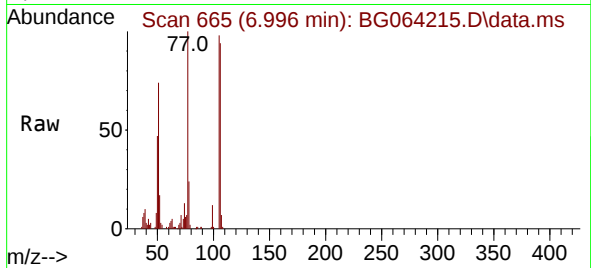




#9  
Benzaldehyde  
Concen: 33.690 ng  
RT: 6.996 min Scan# 60  
Delta R.T. -0.002 min  
Lab File: BG064215.D  
Acq: 27 Aug 2025 17:39

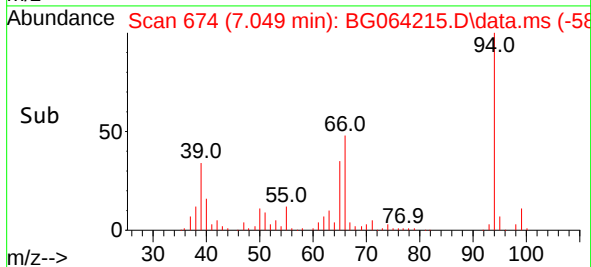
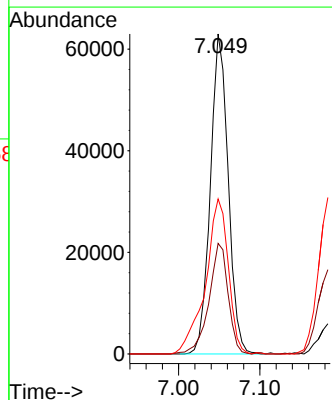
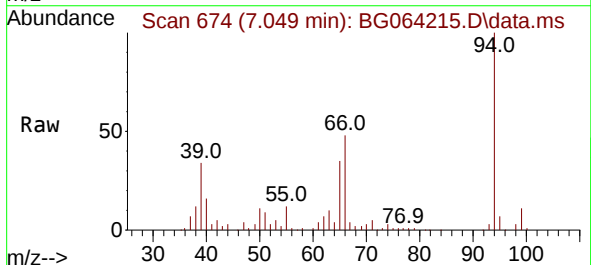
Instrument :  
BNA\_G  
ClientSampleId :  
ICVBG082725

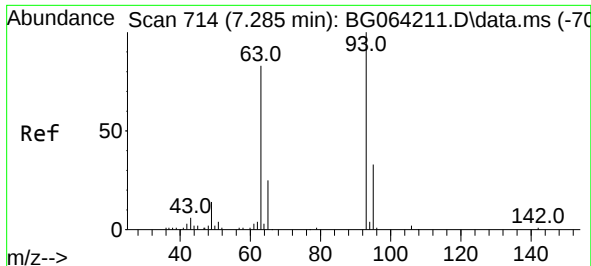
Tgt Ion: 77 Resp: 59643  
Ion Ratio Lower Upper  
77 100  
105 98.5 82.9 122.9  
106 94.3 72.0 112.0



#10  
Phenol  
Concen: 39.427 ng  
RT: 7.049 min Scan# 674  
Delta R.T. -0.002 min  
Lab File: BG064215.D  
Acq: 27 Aug 2025 17:39

Tgt Ion: 94 Resp: 95914  
Ion Ratio Lower Upper  
94 100  
65 34.5 15.2 55.2  
66 48.4 32.4 72.4

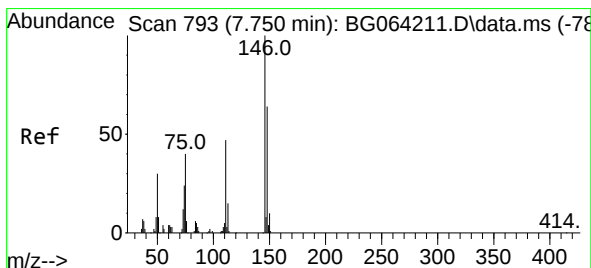
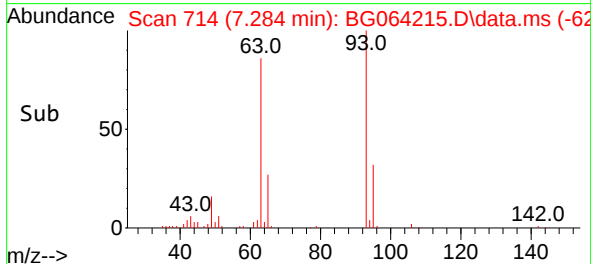
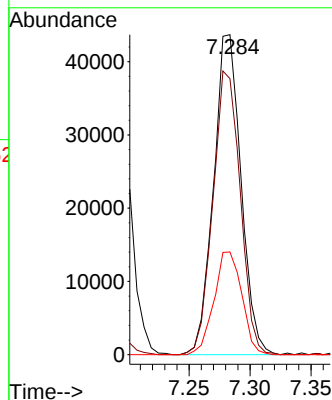
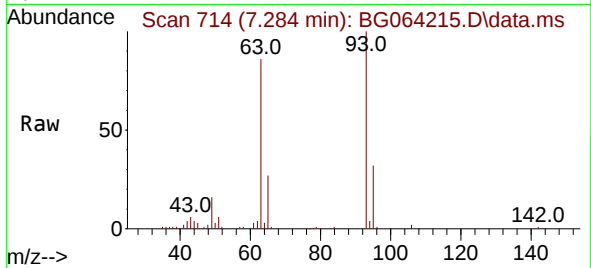




#11  
bis(2-Chloroethyl)ether  
Concen: 38.993 ng  
RT: 7.284 min Scan# 714  
Delta R.T. -0.002 min  
Lab File: BG064215.D  
Acq: 27 Aug 2025 17:39

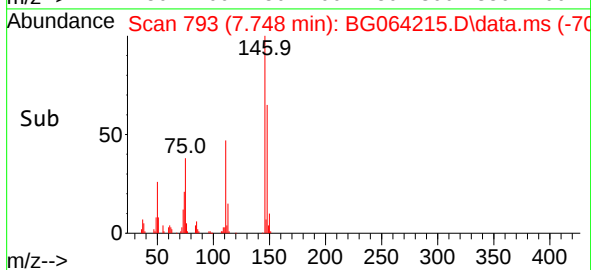
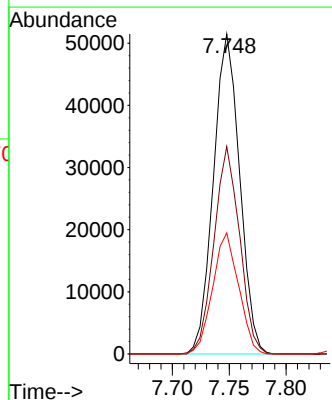
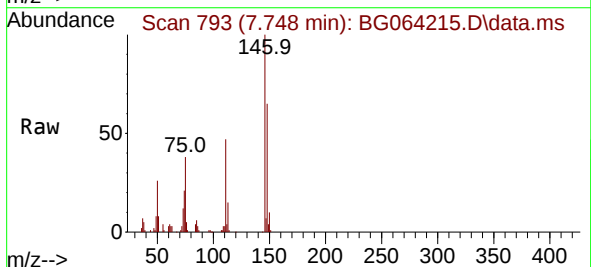
Instrument :  
BNA\_G  
ClientSampleId :  
ICVBG082725

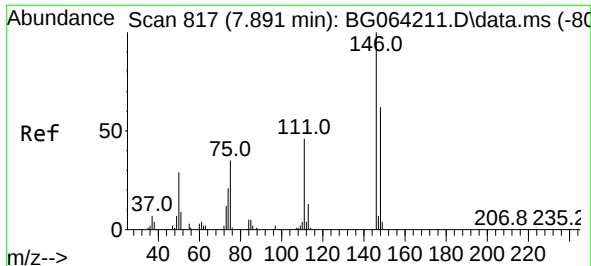
Tgt Ion: 93 Resp: 68548  
Ion Ratio Lower Upper  
93 100  
63 86.2 63.2 103.2  
95 32.1 12.6 52.6



#12  
1,3-Dichlorobenzene  
Concen: 40.785 ng  
RT: 7.748 min Scan# 793  
Delta R.T. -0.002 min  
Lab File: BG064215.D  
Acq: 27 Aug 2025 17:39

Tgt Ion: 146 Resp: 82493  
Ion Ratio Lower Upper  
146 100  
148 64.8 51.0 76.6  
75 37.8 32.2 48.4

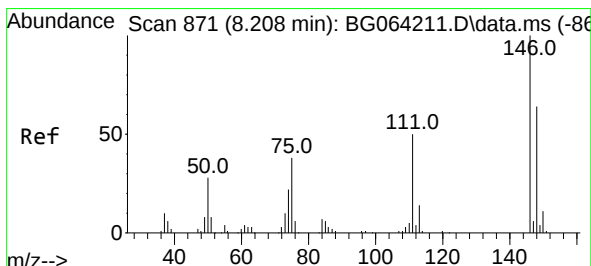
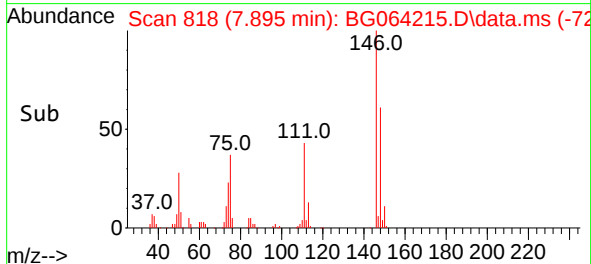
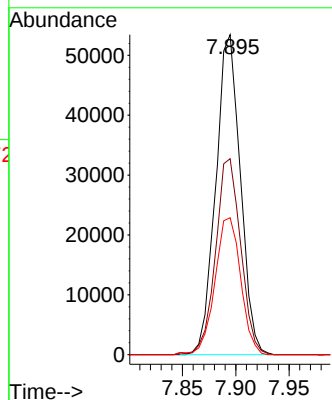
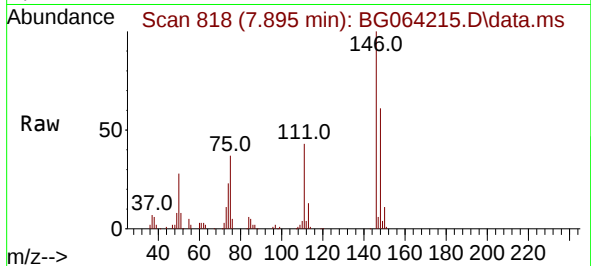




#13  
1,4-Dichlorobenzene  
Concen: 41.113 ng  
RT: 7.895 min Scan# 817  
Delta R.T. 0.004 min  
Lab File: BG064215.D  
Acq: 27 Aug 2025 17:39

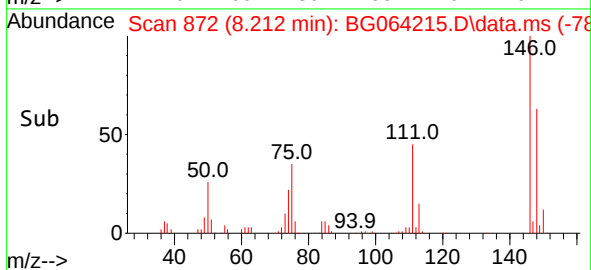
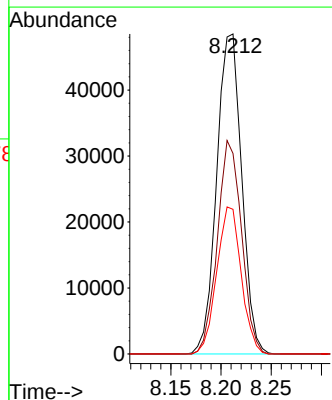
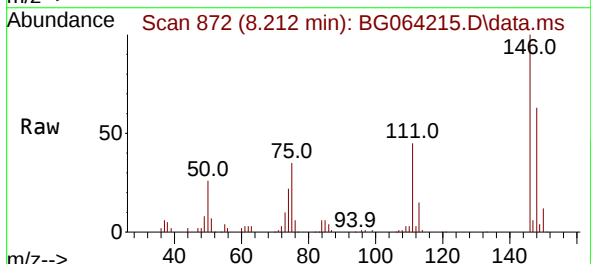
Instrument :  
BNA\_G  
ClientSampleId :  
ICVBG082725

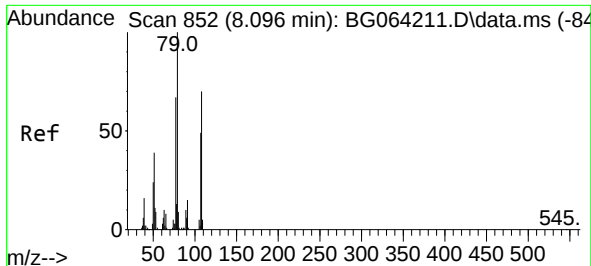
Tgt Ion:146 Resp: 85652  
Ion Ratio Lower Upper  
146 100  
148 61.3 49.5 74.3  
111 42.8 36.4 54.6



#14  
1,2-Dichlorobenzene  
Concen: 41.737 ng  
RT: 8.212 min Scan# 872  
Delta R.T. 0.004 min  
Lab File: BG064215.D  
Acq: 27 Aug 2025 17:39

Tgt Ion:146 Resp: 84057  
Ion Ratio Lower Upper  
146 100  
148 62.7 50.9 76.3  
111 45.2 39.8 59.6

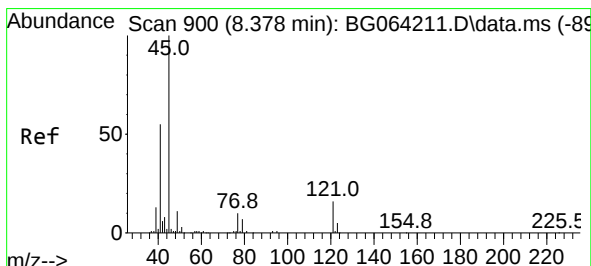
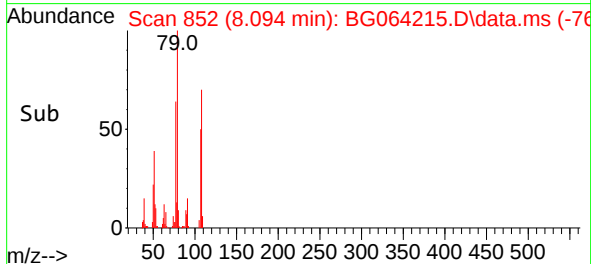
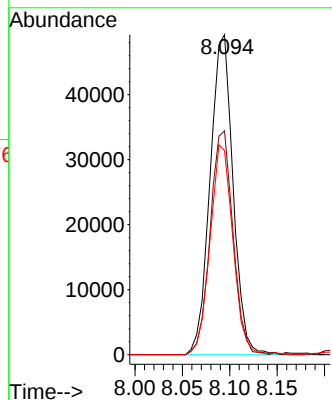
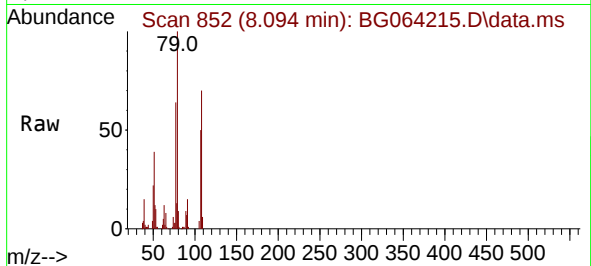




#15  
Benzyl Alcohol  
Concen: 41.072 ng  
RT: 8.094 min Scan# 81  
Delta R.T. -0.002 min  
Lab File: BG064215.D  
Acq: 27 Aug 2025 17:39

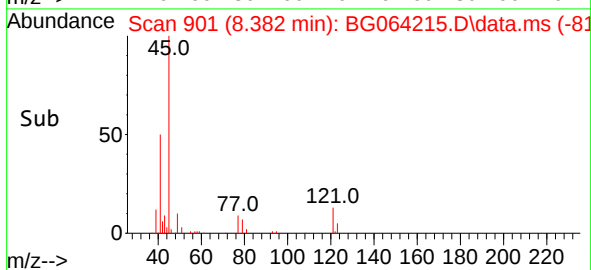
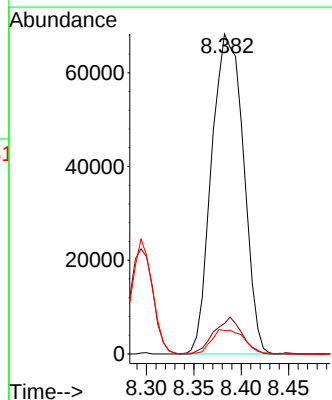
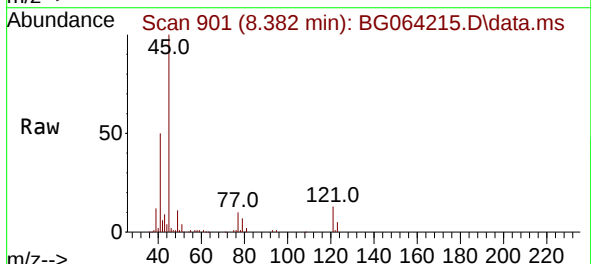
Instrument :  
BNA\_G  
ClientSampleId :  
ICVBG082725

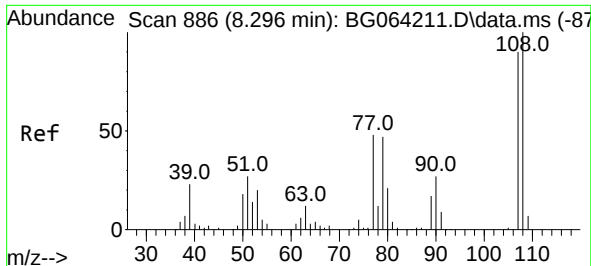
Tgt Ion: 79 Resp: 82848  
Ion Ratio Lower Upper  
79 100  
108 69.9 56.2 84.2  
77 63.8 53.7 80.5



#16  
2,2'-oxybis(1-Chloropropane)  
Concen: 39.449 ng  
RT: 8.382 min Scan# 901  
Delta R.T. 0.004 min  
Lab File: BG064215.D  
Acq: 27 Aug 2025 17:39

Tgt Ion: 45 Resp: 159776  
Ion Ratio Lower Upper  
45 100  
77 9.5 0.0 29.7  
79 7.4 0.0 27.5

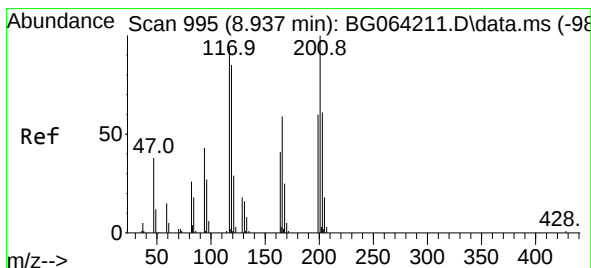
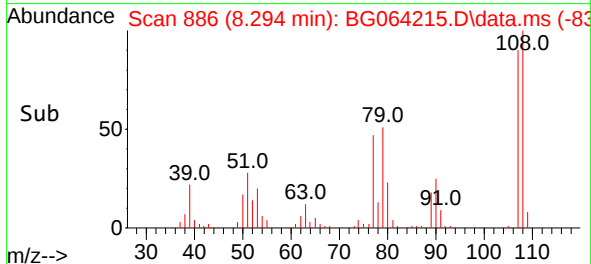
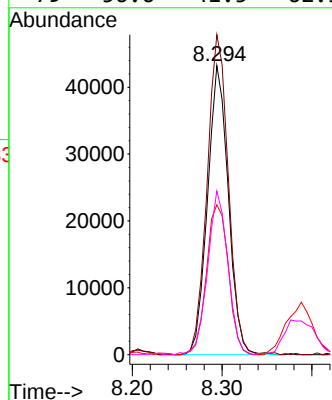
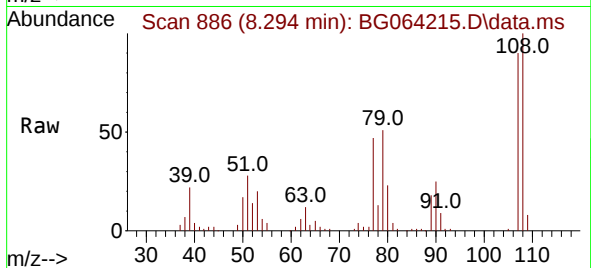




#17  
2-Methylphenol  
Concen: 39.671 ng  
RT: 8.294 min Scan# 886  
Delta R.T. -0.002 min  
Lab File: BG064215.D  
Acq: 27 Aug 2025 17:39

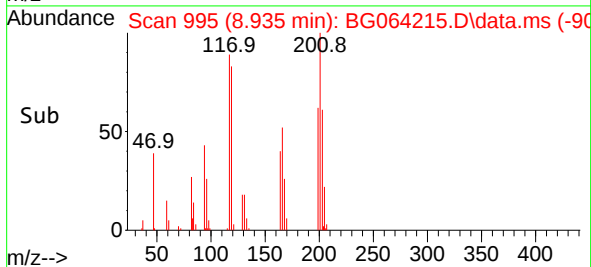
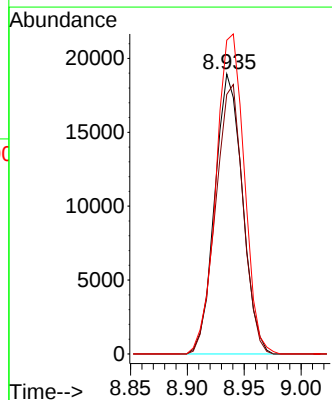
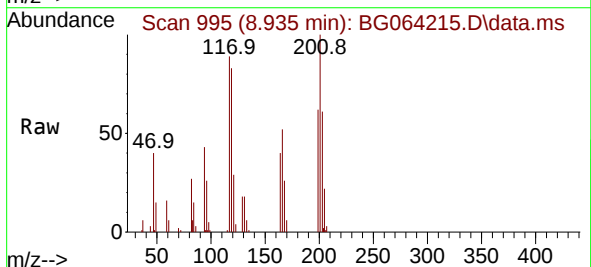
Instrument :  
BNA\_G  
ClientSampleId :  
ICVBG082725

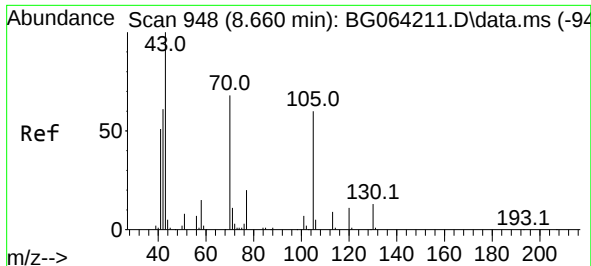
|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 107   | Resp: | 69569 |
| Ion      | Ratio | Lower | Upper |
| 107      | 100   |       |       |
| 108      | 110.7 | 89.1  | 133.7 |
| 77       | 51.8  | 43.1  | 64.7  |
| 79       | 56.6  | 41.5  | 62.3  |



#18  
Hexachloroethane  
Concen: 40.076 ng  
RT: 8.935 min Scan# 995  
Delta R.T. -0.002 min  
Lab File: BG064215.D  
Acq: 27 Aug 2025 17:39

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 117   | Resp: | 32018 |
| Ion      | Ratio | Lower | Upper |
| 117      | 100   |       |       |
| 119      | 92.7  | 71.6  | 107.4 |
| 201      | 112.0 | 83.9  | 125.9 |

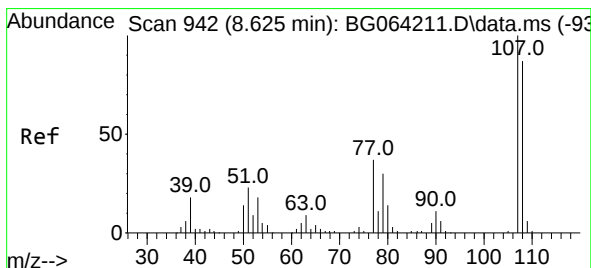
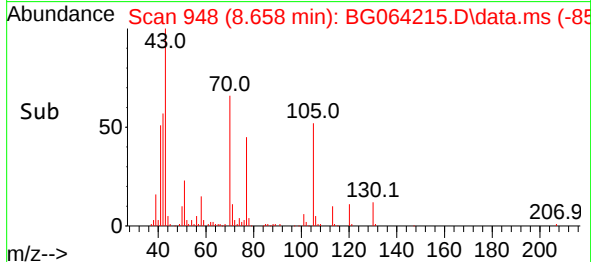
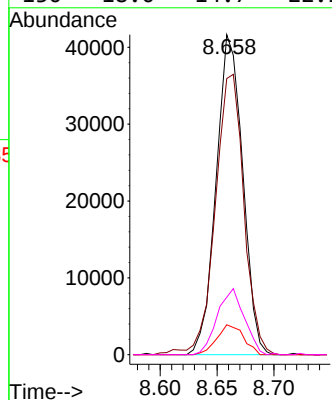
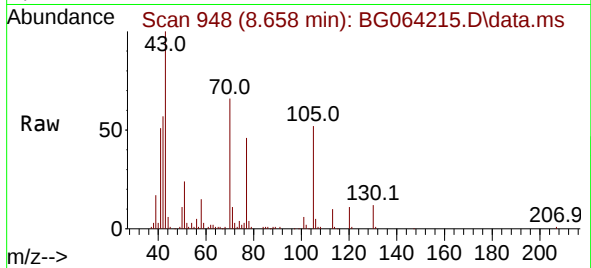




#19  
n-Nitroso-di-n-propylamine  
Concen: 40.486 ng  
RT: 8.658 min Scan# 948  
Delta R.T. -0.002 min  
Lab File: BG064215.D  
Acq: 27 Aug 2025 17:39

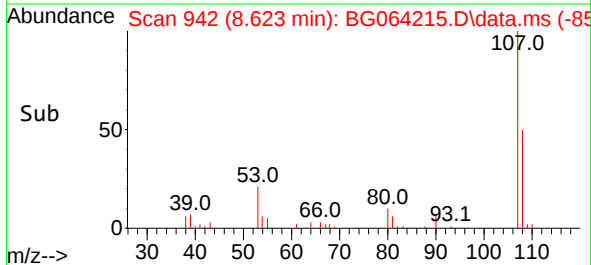
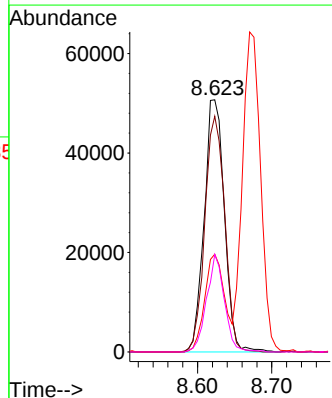
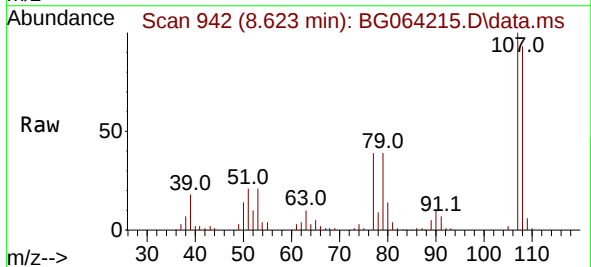
Instrument :  
BNA\_G  
ClientSampleId :  
ICVBG082725

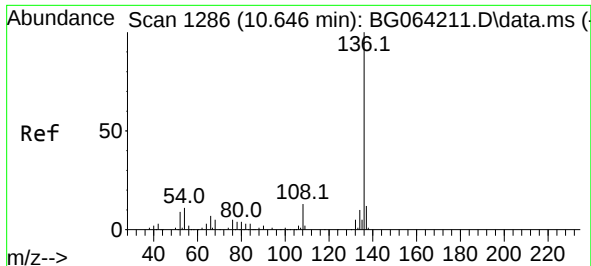
|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 70    | Resp: | 67606 |
| Ion Ratio | Lower | Upper |       |
| 70        | 100   |       |       |
| 42        | 86.3  | 73.2  | 109.8 |
| 101       | 9.4   | 8.2   | 12.2  |
| 130       | 18.0  | 14.7  | 22.1  |



#20  
3+4-Methylphenols  
Concen: 38.843 ng  
RT: 8.623 min Scan# 942  
Delta R.T. -0.002 min  
Lab File: BG064215.D  
Acq: 27 Aug 2025 17:39

|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 107   | Resp: | 96187 |
| Ion Ratio | Lower | Upper |       |
| 107       | 100   |       |       |
| 108       | 93.5  | 66.5  | 106.5 |
| 77        | 38.8  | 16.8  | 56.8  |
| 79        | 38.7  | 9.7   | 49.7  |

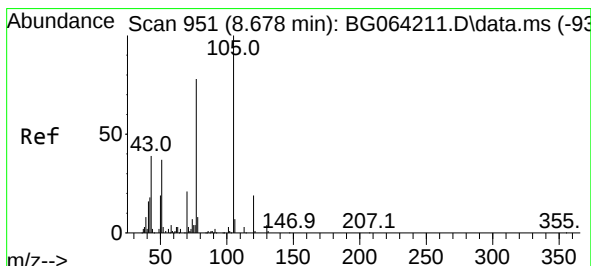
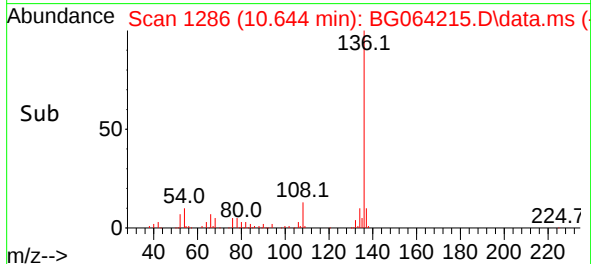
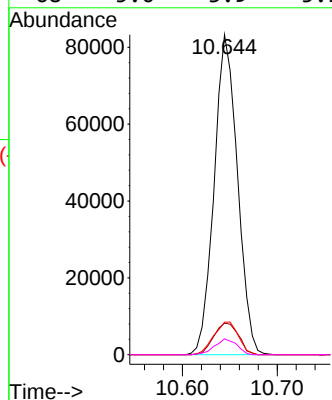
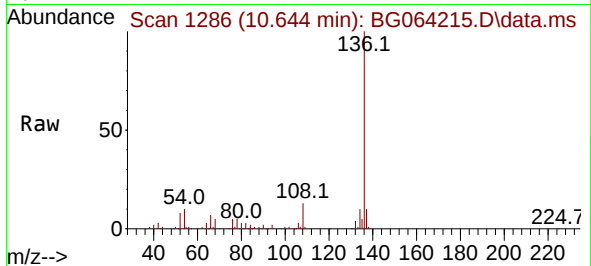




#21  
Naphthalene-d8  
Concen: 20.000 ng  
RT: 10.644 min Scan# 11  
Delta R.T. -0.002 min  
Lab File: BG064215.D  
Acq: 27 Aug 2025 17:39

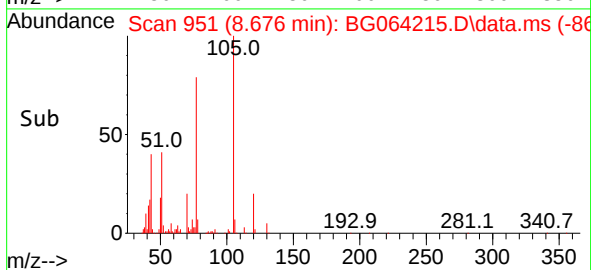
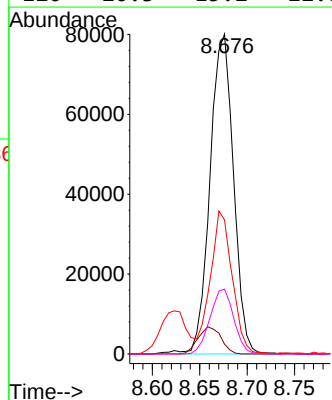
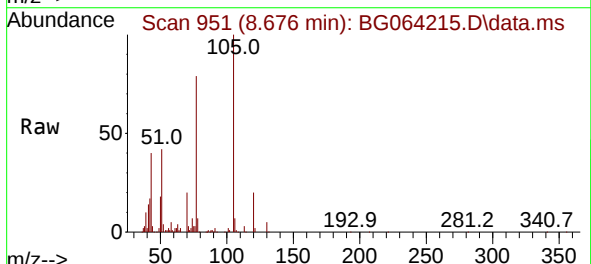
Instrument :  
BNA\_G  
ClientSampleId :  
ICVBG082725

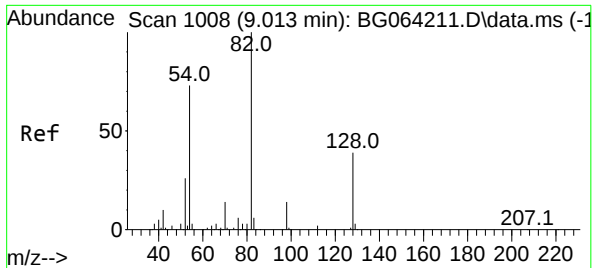
|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 136   | Resp: | 142472 |
| Ion Ratio | Lower | Upper |        |
| 136       | 100   |       |        |
| 137       | 9.9   | 9.7   | 14.5   |
| 54        | 10.7  | 8.6   | 12.8   |
| 68        | 5.0   | 3.9   | 5.9    |



#22  
Acetophenone  
Concen: 38.589 ng  
RT: 8.676 min Scan# 951  
Delta R.T. -0.002 min  
Lab File: BG064215.D  
Acq: 27 Aug 2025 17:39

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 105   | Resp: | 137569 |
| Ion Ratio | Lower | Upper |        |
| 105       | 100   |       |        |
| 71        | 3.1   | 2.7   | 4.1    |
| 51        | 41.9  | 30.5  | 45.7   |
| 120       | 20.3  | 15.2  | 22.8   |

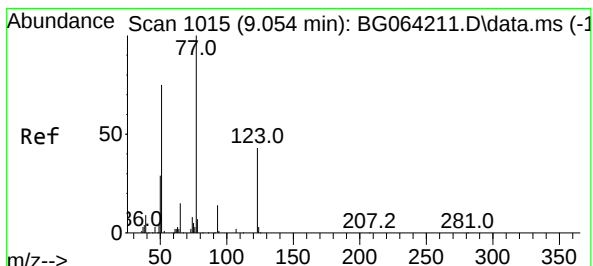
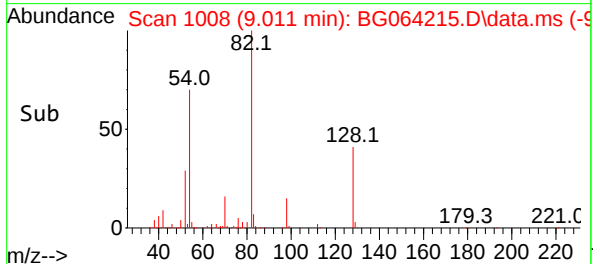
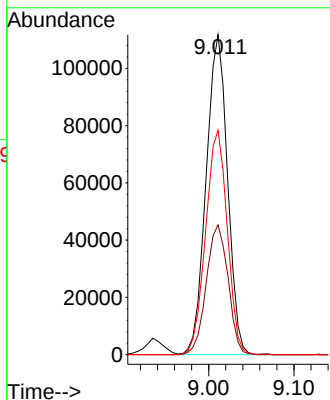
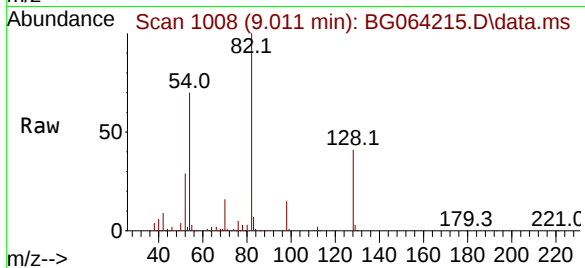




#23  
Nitrobenzene-d5  
Concen: 77.128 ng  
RT: 9.011 min Scan# 1008  
Delta R.T. -0.002 min  
Lab File: BG064215.D  
Acq: 27 Aug 2025 17:39

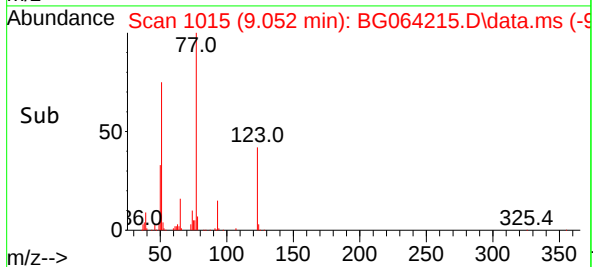
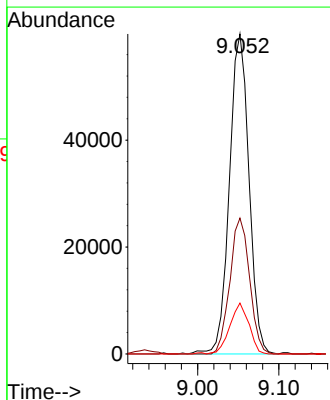
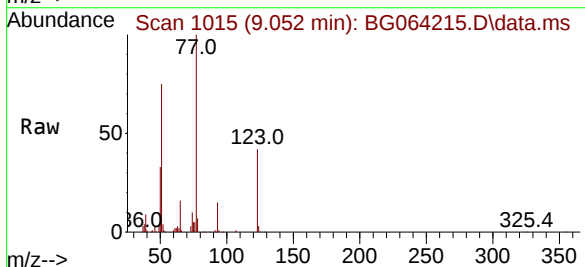
Instrument :  
BNA\_G  
ClientSampleId :  
ICVBG082725

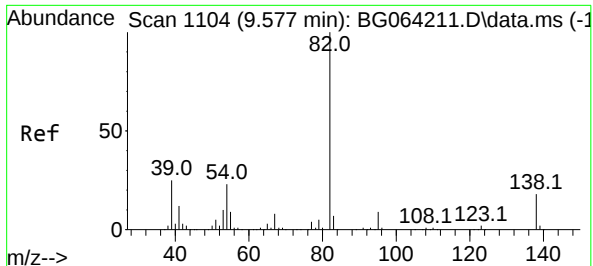
Tgt Ion: 82 Resp: 194639  
Ion Ratio Lower Upper  
82 100  
128 40.6 31.4 47.2  
54 70.1 58.3 87.5



#24  
Nitrobenzene  
Concen: 38.163 ng  
RT: 9.052 min Scan# 1015  
Delta R.T. -0.002 min  
Lab File: BG064215.D  
Acq: 27 Aug 2025 17:39

Tgt Ion: 77 Resp: 100091  
Ion Ratio Lower Upper  
77 100  
123 42.4 34.4 51.6  
65 15.9 12.2 18.2

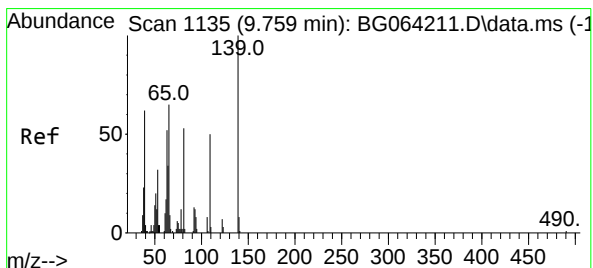
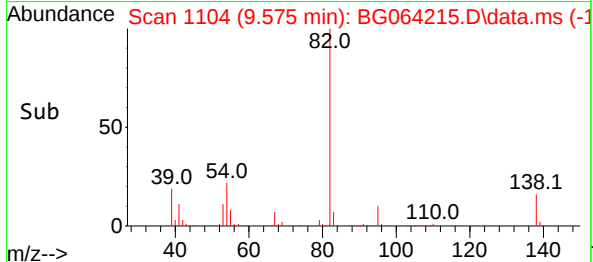
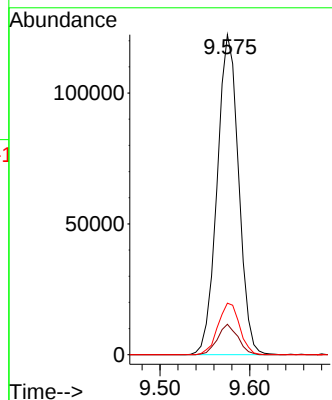
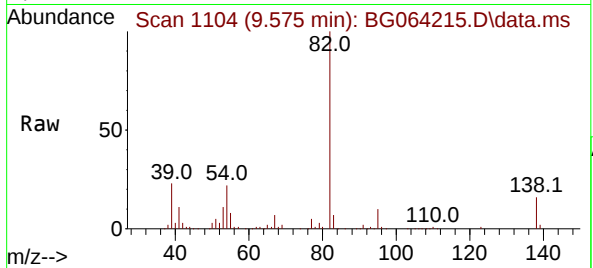




#25  
Isophorone  
Concen: 38.206 ng  
RT: 9.575 min Scan# 1104  
Delta R.T. -0.002 min  
Lab File: BG064215.D  
Acq: 27 Aug 2025 17:39

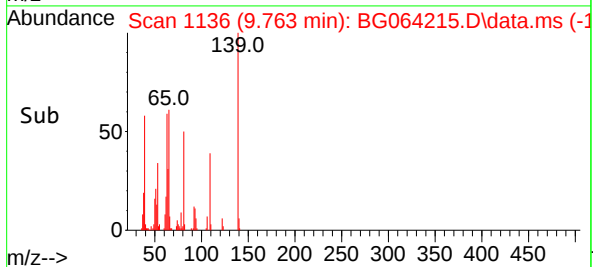
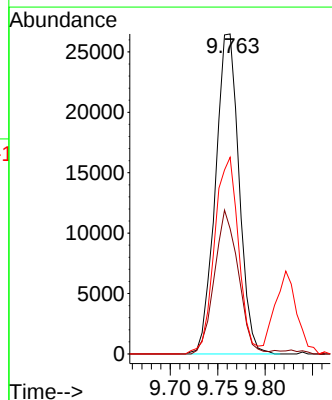
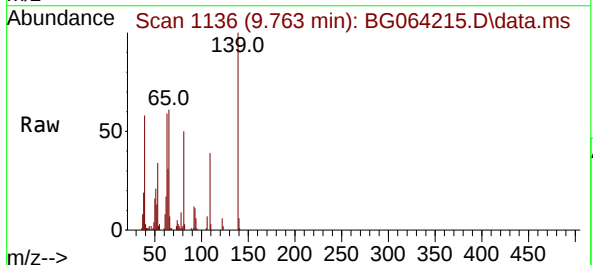
Instrument :  
BNA\_G  
ClientSampleId :  
ICVBG082725

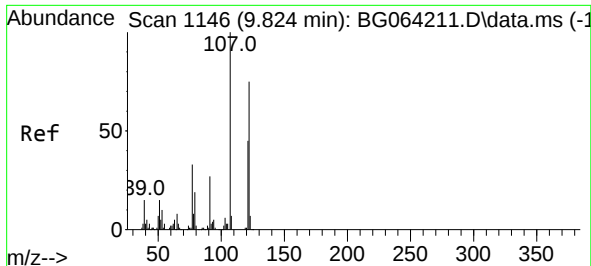
Tgt Ion: 82 Resp: 202937  
Ion Ratio Lower Upper  
82 100  
95 9.5 7.0 10.4  
138 16.1 14.1 21.1



#26  
2-Nitrophenol  
Concen: 40.634 ng  
RT: 9.763 min Scan# 1136  
Delta R.T. 0.004 min  
Lab File: BG064215.D  
Acq: 27 Aug 2025 17:39

Tgt Ion:139 Resp: 45953  
Ion Ratio Lower Upper  
139 100  
109 39.1 40.4 60.6#  
65 61.4 52.2 78.2





#27

2,4-Dimethylphenol

Concen: 41.530 ng

RT: 9.822 min Scan# 1146

Delta R.T. -0.002 min

Lab File: BG064215.D

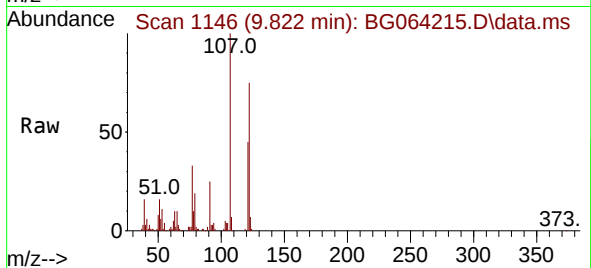
Acq: 27 Aug 2025 17:39

Instrument :

BNA\_G

ClientSampleId :

ICVBG082725



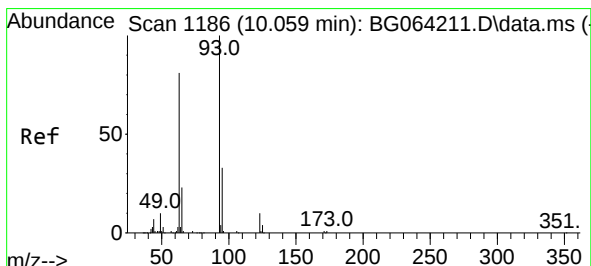
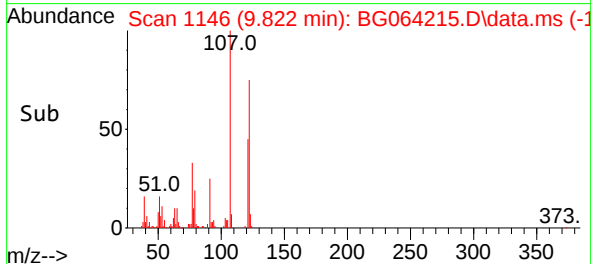
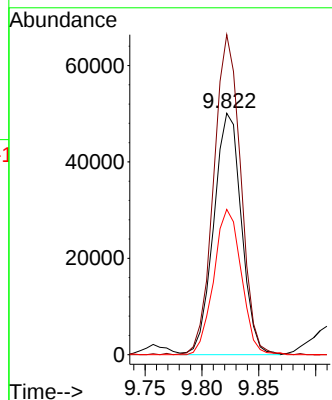
Tgt Ion:122 Resp: 84962

Ion Ratio Lower Upper

122 100

107 132.5 106.6 159.8

121 60.2 48.5 72.7



#28

bis(2-Chloroethoxy)methane

Concen: 37.799 ng

RT: 10.057 min Scan# 1186

Delta R.T. -0.002 min

Lab File: BG064215.D

Acq: 27 Aug 2025 17:39

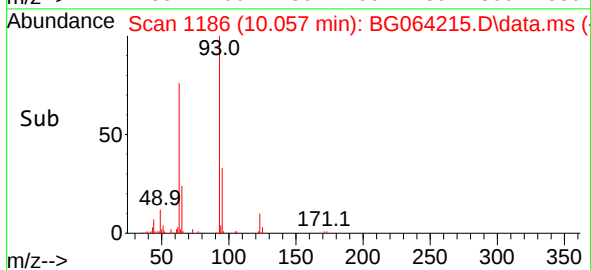
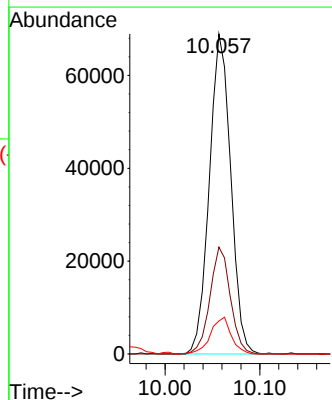
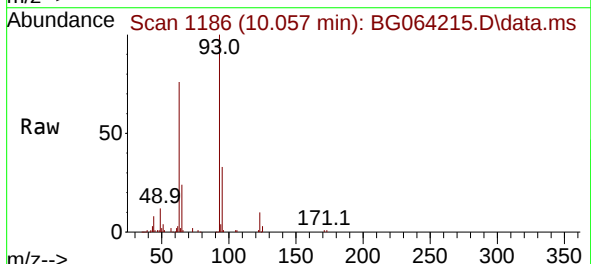
Tgt Ion: 93 Resp: 108105

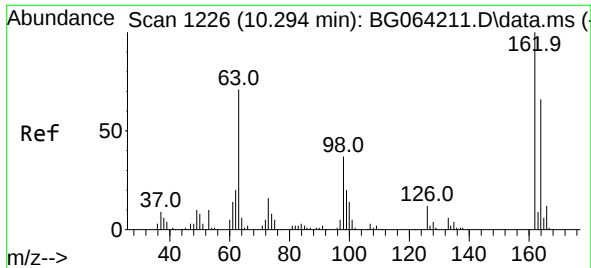
Ion Ratio Lower Upper

93 100

95 33.4 26.5 39.7

123 10.3 8.1 12.1





#29

2,4-Dichlorophenol

Concen: 37.559 ng

RT: 10.292 min Scan# 1226

Delta R.T. -0.002 min

Lab File: BG064215.D

Acq: 27 Aug 2025 17:39

Instrument :

BNA\_G

ClientSampleId :

ICVBG082725

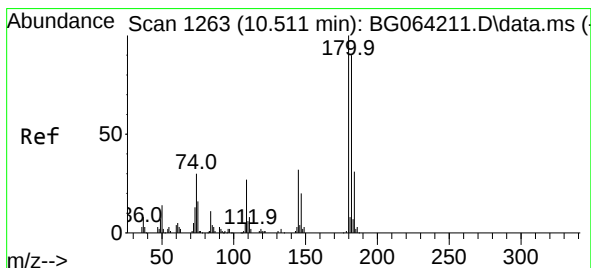
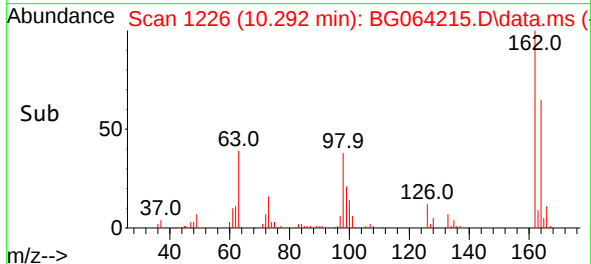
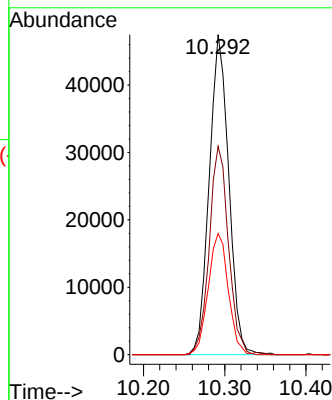
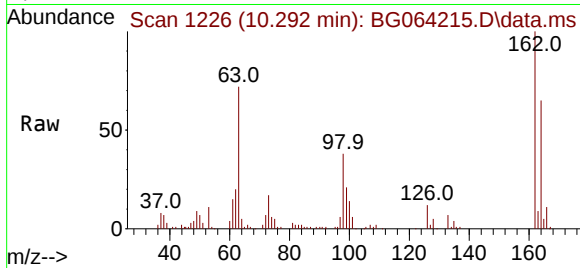
Tgt Ion:162 Resp: 79179

Ion Ratio Lower Upper

162 100

164 65.1 45.9 85.9

98 37.8 17.3 57.3



#30

1,2,4-Trichlorobenzene

Concen: 39.161 ng

RT: 10.515 min Scan# 1264

Delta R.T. 0.004 min

Lab File: BG064215.D

Acq: 27 Aug 2025 17:39

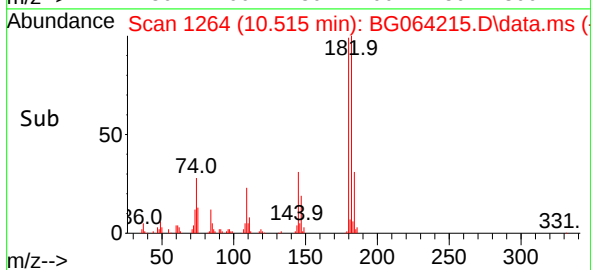
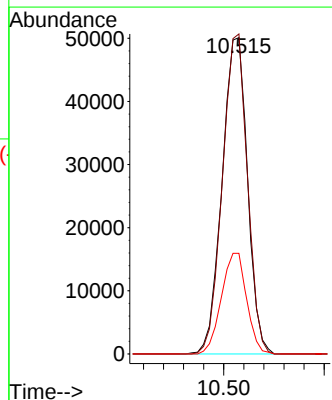
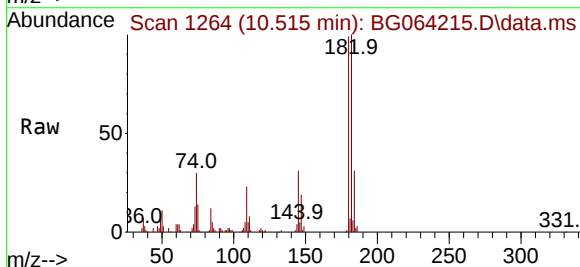
Tgt Ion:180 Resp: 87920

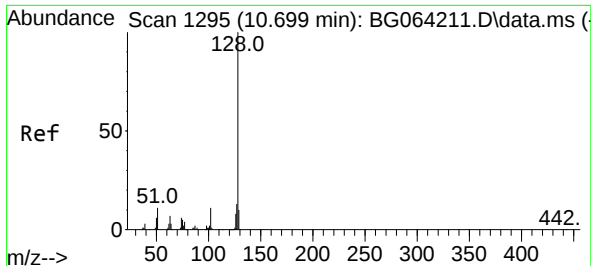
Ion Ratio Lower Upper

180 100

182 101.1 72.1 108.1

145 31.8 25.8 38.6

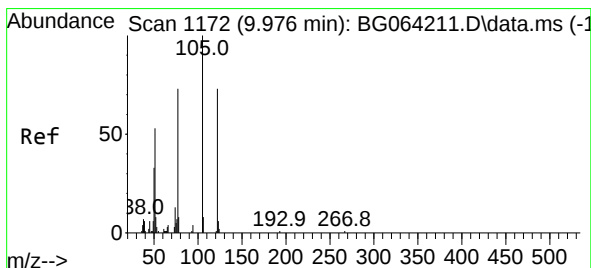
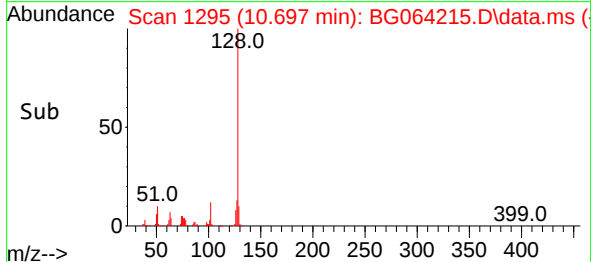
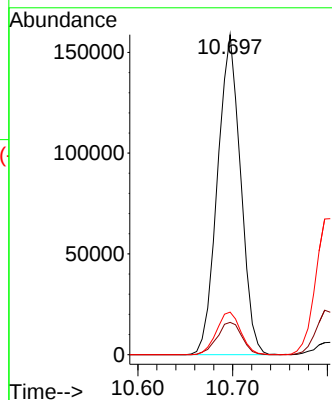
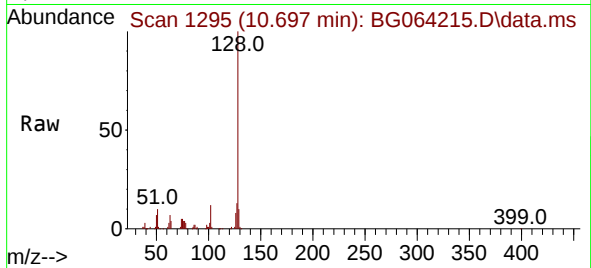




#31  
Naphthalene  
Concen: 36.975 ng  
RT: 10.697 min Scan# 111  
Delta R.T. -0.002 min  
Lab File: BG064215.D  
Acq: 27 Aug 2025 17:39

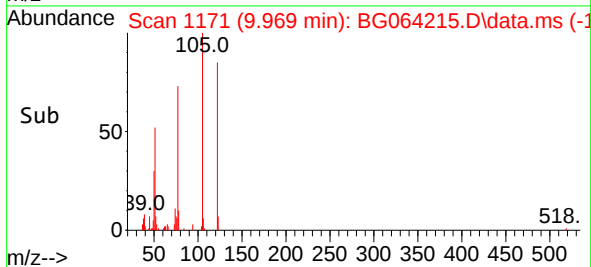
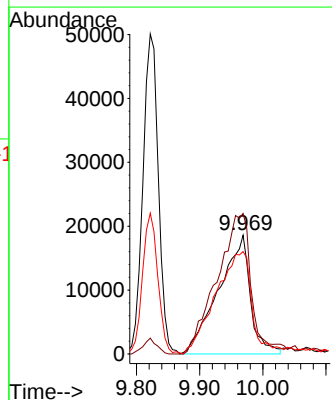
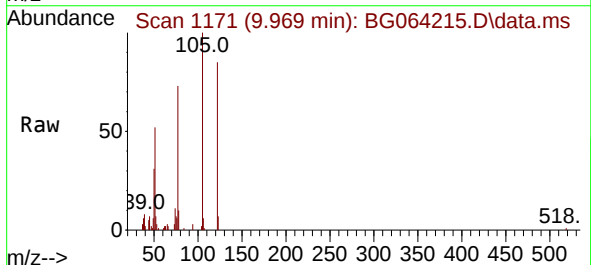
Instrument :  
BNA\_G  
ClientSampleId :  
ICVBG082725

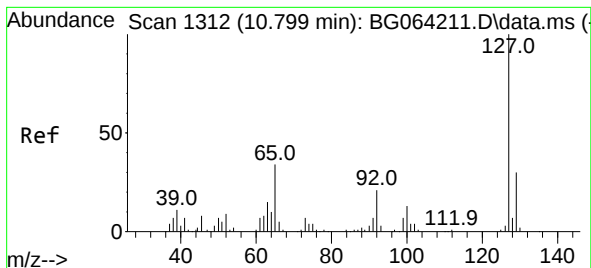
Tgt Ion:128 Resp: 268971  
Ion Ratio Lower Upper  
128 100  
129 10.1 8.1 12.1  
127 13.3 10.2 15.4



#32  
Benzoic acid  
Concen: 37.492 ng  
RT: 9.969 min Scan# 1171  
Delta R.T. -0.008 min  
Lab File: BG064215.D  
Acq: 27 Aug 2025 17:39

Tgt Ion:122 Resp: 64914  
Ion Ratio Lower Upper  
122 100  
105 118.2 115.7 155.7  
77 86.3 80.9 120.9

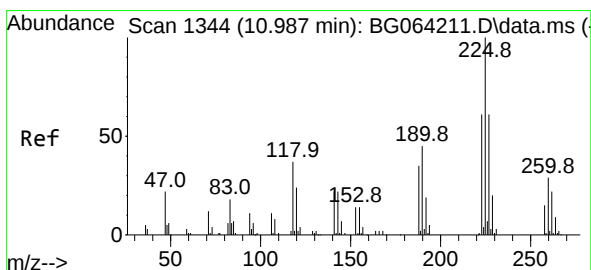
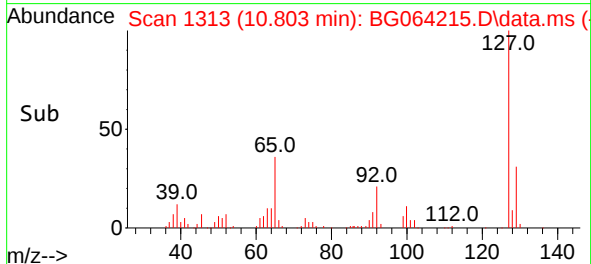
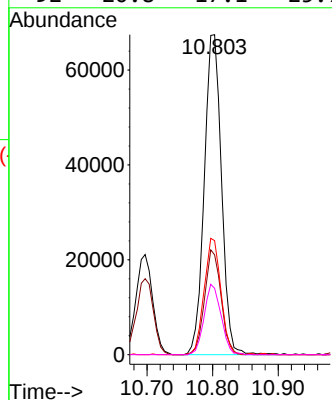
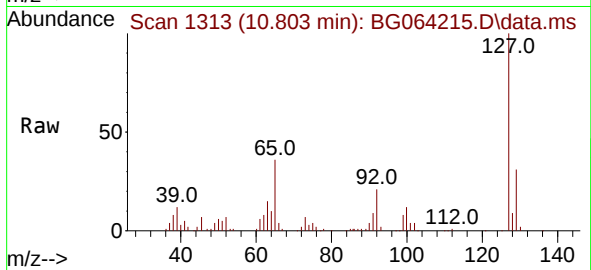




#33  
4-Chloroaniline  
Concen: 43.420 ng  
RT: 10.803 min Scan# 11  
Delta R.T. 0.004 min  
Lab File: BG064215.D  
Acq: 27 Aug 2025 17:39

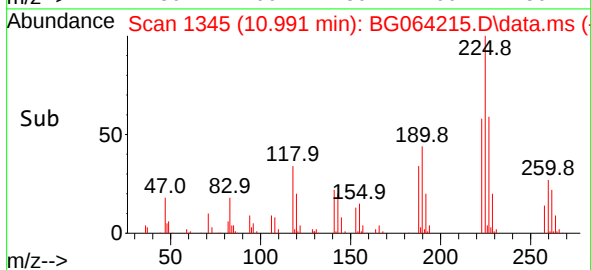
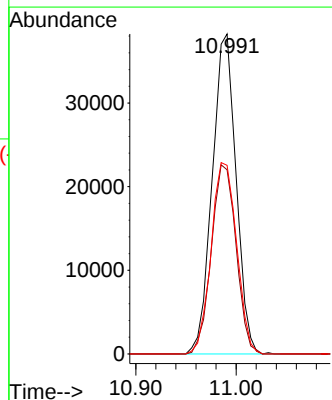
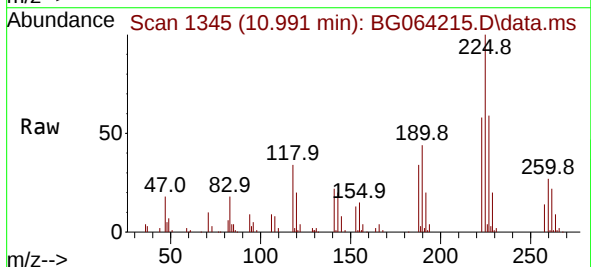
Instrument :  
BNA\_G  
ClientSampleId :  
ICVBG082725

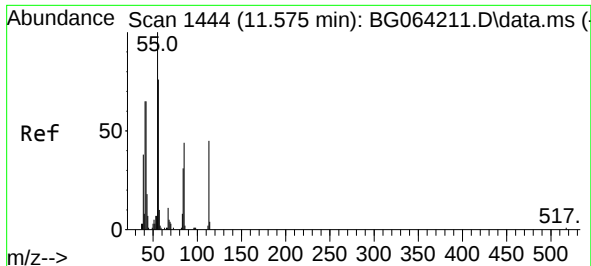
|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 127   | Resp: | 123387 |
| Ion      | Ratio | Lower | Upper  |
| 127      | 100   |       |        |
| 129      | 31.2  | 23.9  | 35.9   |
| 65       | 35.7  | 27.4  | 41.2   |
| 92       | 20.8  | 17.1  | 25.7   |



#34  
Hexachlorobutadiene  
Concen: 38.362 ng  
RT: 10.991 min Scan# 1345  
Delta R.T. 0.004 min  
Lab File: BG064215.D  
Acq: 27 Aug 2025 17:39

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 225   | Resp: | 63048 |
| Ion      | Ratio | Lower | Upper |
| 225      | 100   |       |       |
| 223      | 57.5  | 48.6  | 72.8  |
| 227      | 59.0  | 48.8  | 73.2  |

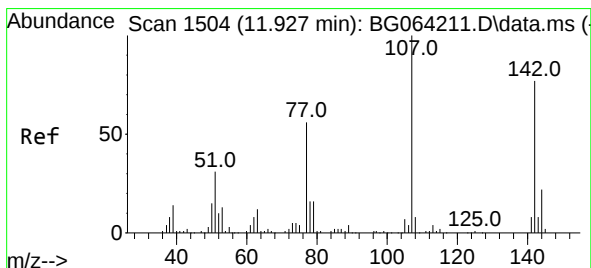
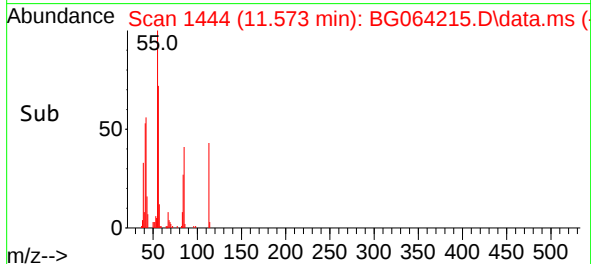
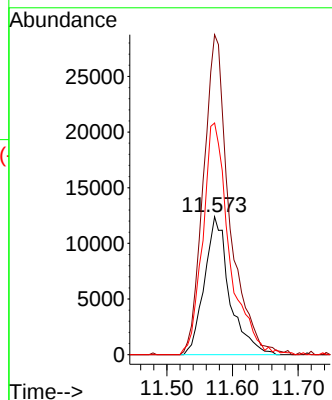
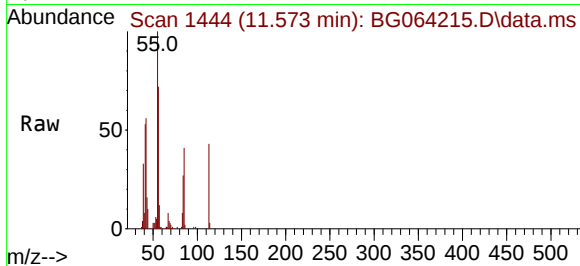




#35  
Caprolactam  
Concen: 39.205 ng  
RT: 11.573 min Scan# 1444  
Delta R.T. -0.002 min  
Lab File: BG064215.D  
Acq: 27 Aug 2025 17:39

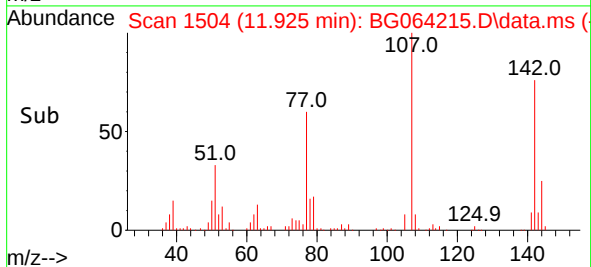
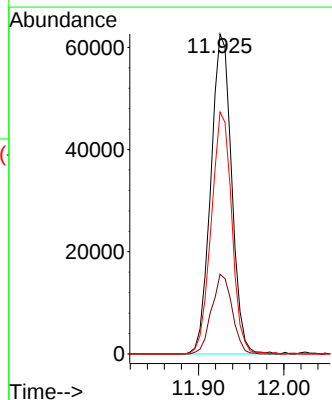
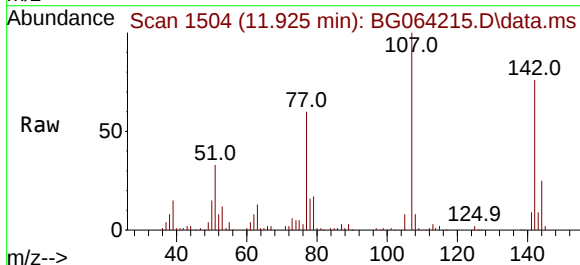
Instrument :  
BNA\_G  
ClientSampleId :  
ICVBG082725

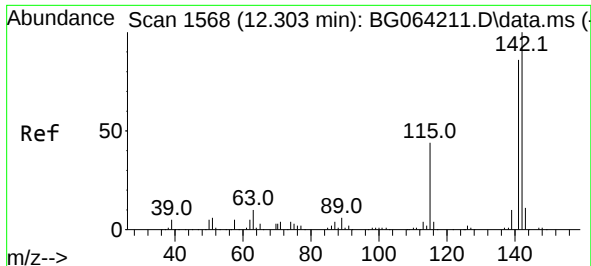
| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 113     | 100   |       |       |
| 55      | 231.9 | 202.7 | 242.7 |
| 56      | 167.9 | 150.1 | 190.1 |



#36  
4-Chloro-3-methylphenol  
Concen: 38.579 ng  
RT: 11.925 min Scan# 1504  
Delta R.T. -0.002 min  
Lab File: BG064215.D  
Acq: 27 Aug 2025 17:39

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 107     | 100   |       |       |
| 144     | 24.9  | 17.3  | 25.9  |
| 142     | 75.6  | 61.6  | 92.4  |

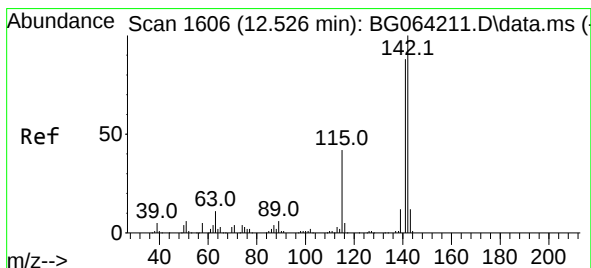
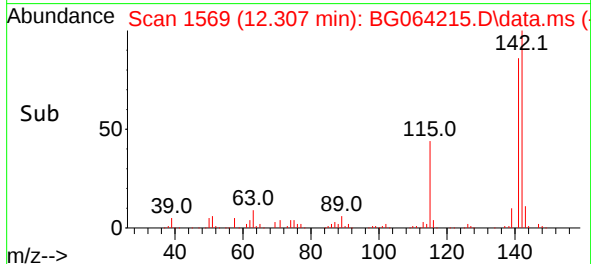
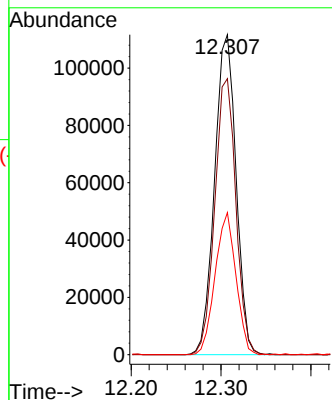
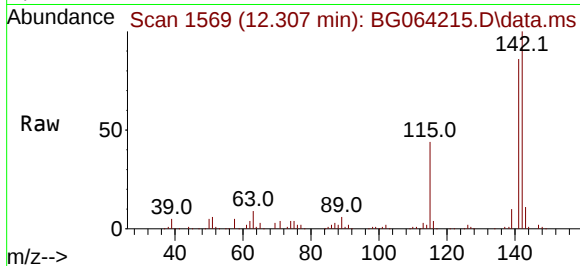




#37  
2-Methylnaphthalene  
Concen: 34.513 ng  
RT: 12.307 min Scan# 11  
Delta R.T. 0.004 min  
Lab File: BG064215.D  
Acq: 27 Aug 2025 17:39

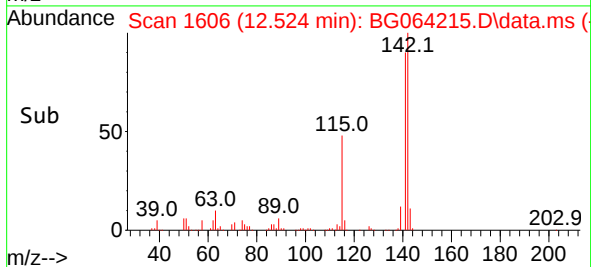
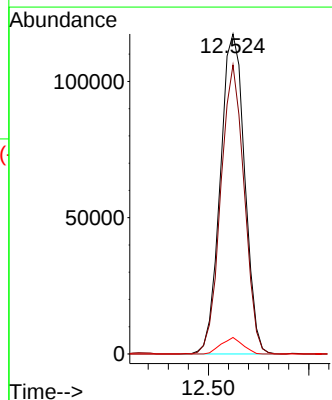
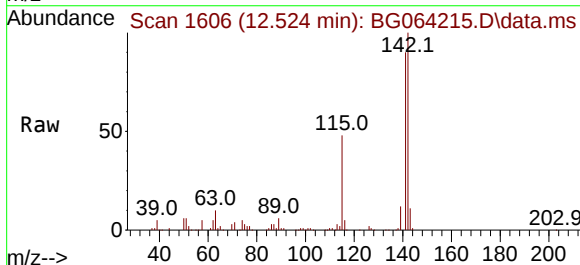
Instrument :  
BNA\_G  
ClientSampleId :  
ICVBG082725

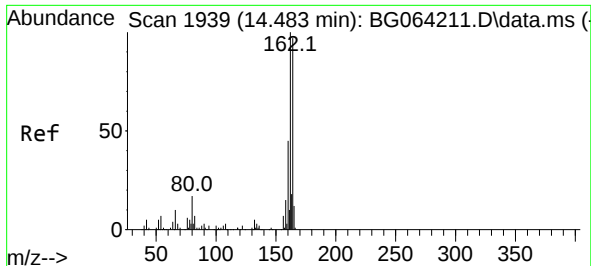
Tgt Ion:142 Resp: 185702  
Ion Ratio Lower Upper  
142 100  
141 86.2 68.4 102.6  
115 44.4 34.9 52.3



#38  
1-Methylnaphthalene  
Concen: 37.033 ng  
RT: 12.524 min Scan# 1606  
Delta R.T. -0.002 min  
Lab File: BG064215.D  
Acq: 27 Aug 2025 17:39

Tgt Ion:142 Resp: 197671  
Ion Ratio Lower Upper  
142 100  
141 90.3 70.6 106.0  
116 5.1 3.8 5.8

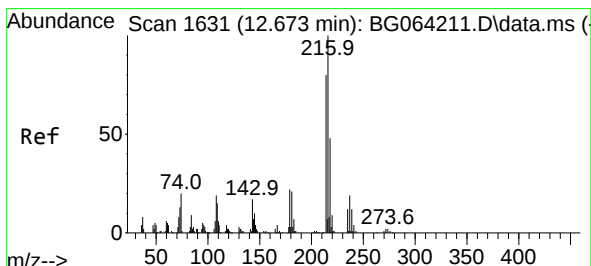
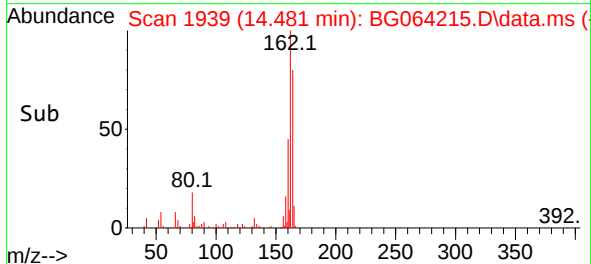
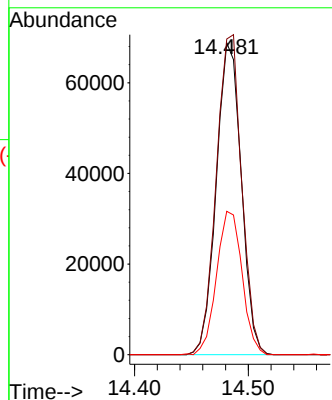
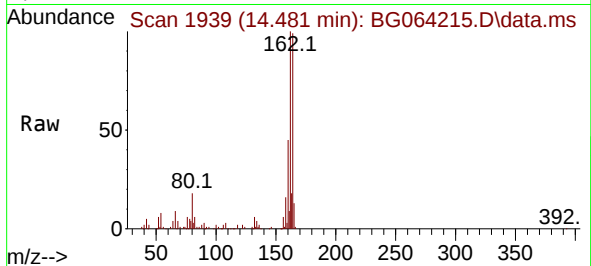




#39  
Acenaphthene-d10  
Concen: 20.000 ng  
RT: 14.481 min Scan# 1939  
Delta R.T. -0.002 min  
Lab File: BG064215.D  
Acq: 27 Aug 2025 17:39

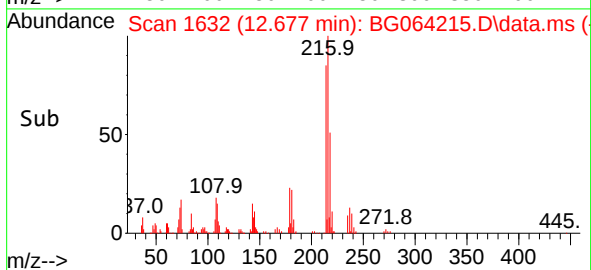
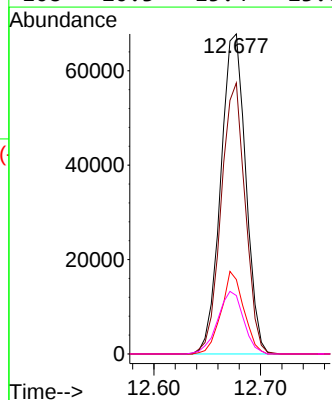
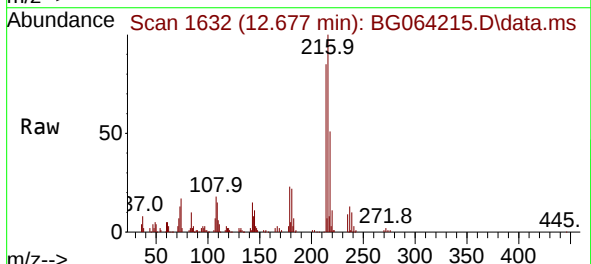
Instrument :  
BNA\_G  
ClientSampleId :  
ICVBG082725

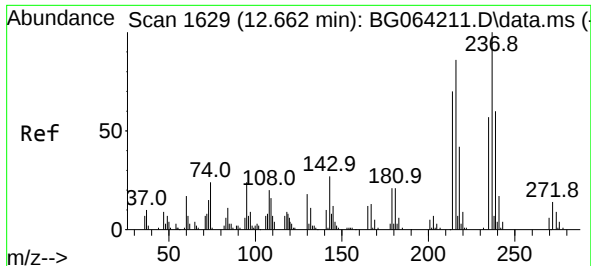
Tgt Ion:164 Resp: 105018  
Ion Ratio Lower Upper  
164 100  
162 101.3 82.4 123.6  
160 46.0 36.8 55.2



#40  
1,2,4,5-Tetrachlorobenzene  
Concen: 38.061 ng  
RT: 12.677 min Scan# 1632  
Delta R.T. 0.004 min  
Lab File: BG064215.D  
Acq: 27 Aug 2025 17:39

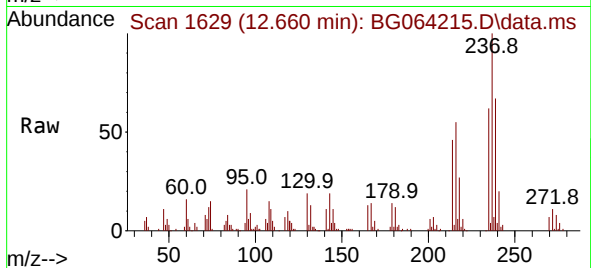
Tgt Ion:216 Resp: 110399  
Ion Ratio Lower Upper  
216 100  
214 81.5 62.5 93.7  
179 23.3 17.7 26.5  
108 20.3 15.4 23.0



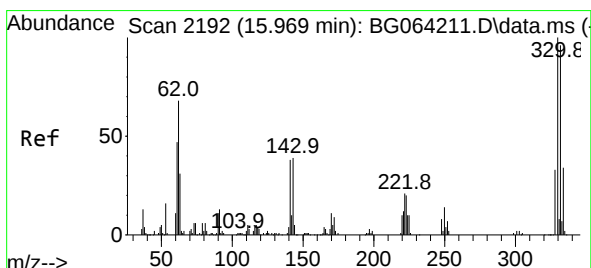
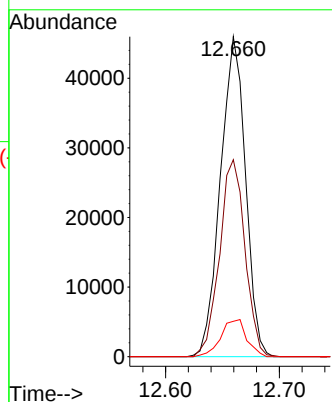
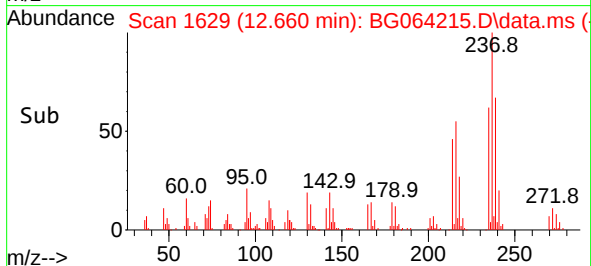


#41  
Hexachlorocyclopentadiene  
Concen: 51.923 ng  
RT: 12.660 min Scan# 1629  
Delta R.T. -0.002 min  
Lab File: BG064215.D  
Acq: 27 Aug 2025 17:39

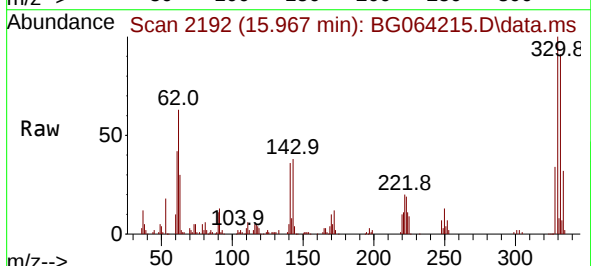
Instrument :  
BNA\_G  
ClientSampleId :  
ICVBG082725



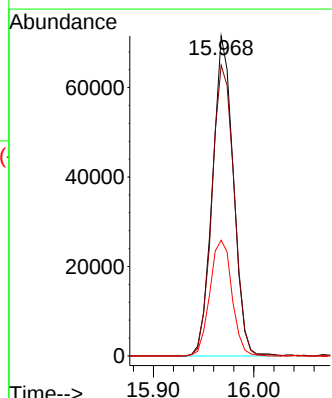
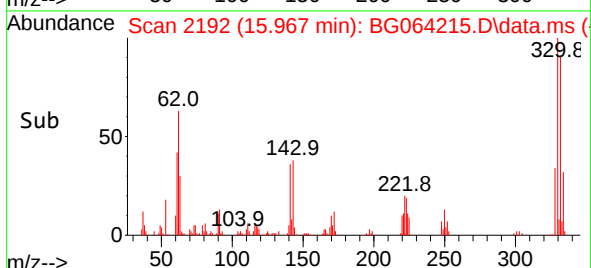
Tgt Ion:237 Resp: 70382  
Ion Ratio Lower Upper  
237 100  
235 61.6 37.1 77.1  
272 11.0 0.0 33.6

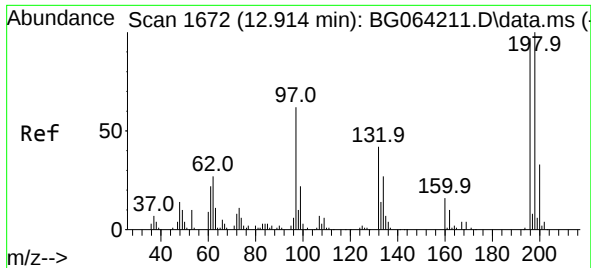


#42  
2,4,6-Tribromophenol  
Concen: 75.418 ng  
RT: 15.967 min Scan# 2192  
Delta R.T. -0.002 min  
Lab File: BG064215.D  
Acq: 27 Aug 2025 17:39



Tgt Ion:330 Resp: 103219  
Ion Ratio Lower Upper  
330 100  
332 96.1 77.0 115.4  
141 38.1 30.0 45.0

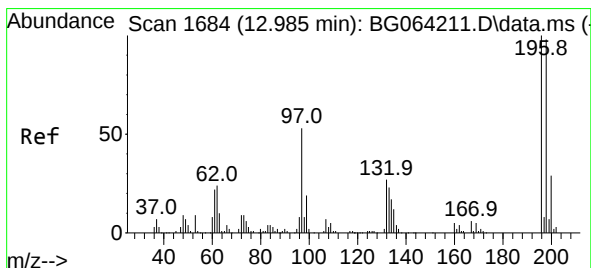
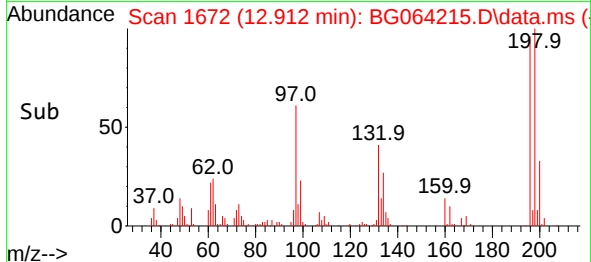
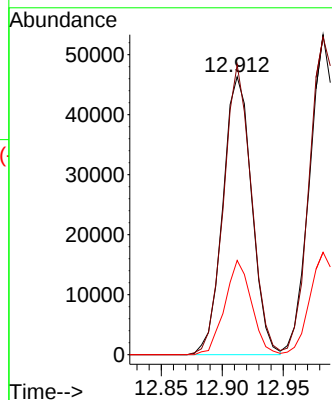
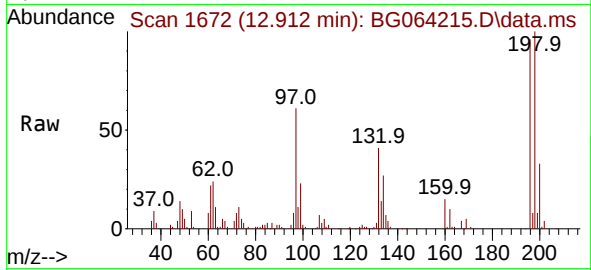




#43  
2,4,6-Trichlorophenol  
Concen: 38.413 ng  
RT: 12.912 min Scan# 1  
Delta R.T. -0.002 min  
Lab File: BG064215.D  
Acq: 27 Aug 2025 17:39

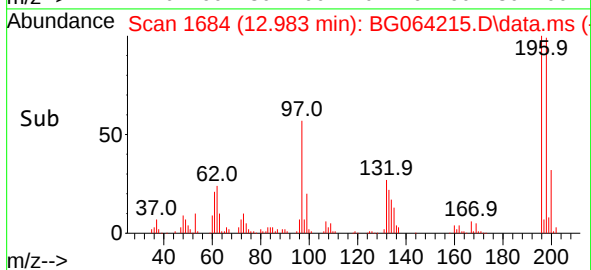
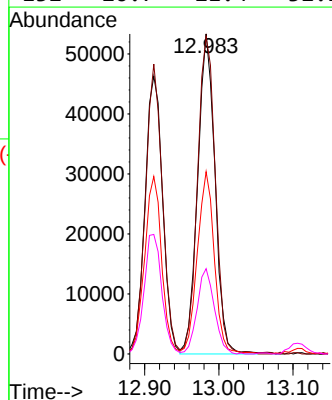
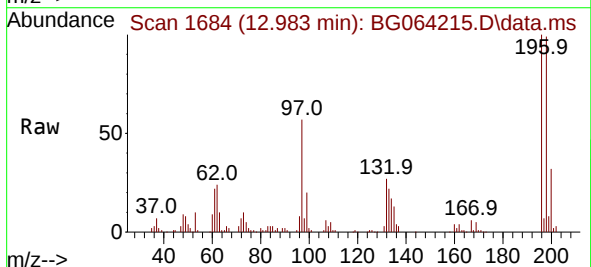
Instrument :  
BNA\_G  
ClientSampleId :  
ICVBG082725

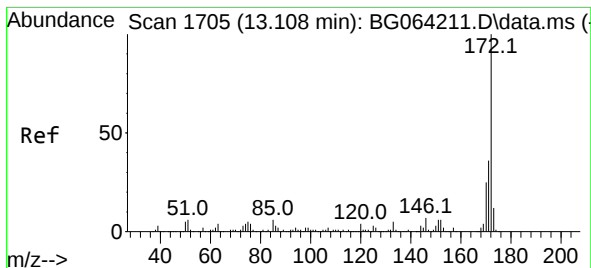
Tgt Ion:196 Resp: 76495  
Ion Ratio Lower Upper  
196 100  
198 104.3 82.7 124.1  
200 33.9 27.4 41.0



#44  
2,4,5-Trichlorophenol  
Concen: 39.396 ng  
RT: 12.983 min Scan# 1684  
Delta R.T. -0.002 min  
Lab File: BG064215.D  
Acq: 27 Aug 2025 17:39

Tgt Ion:196 Resp: 86918  
Ion Ratio Lower Upper  
196 100  
198 99.3 78.2 117.2  
97 57.0 42.3 63.5  
132 26.7 21.4 32.2





#45

2-Fluorobiphenyl

Concen: 74.796 ng

RT: 13.106 min Scan# 1705

Delta R.T. -0.002 min

Lab File: BG064215.D

Acq: 27 Aug 2025 17:39

Instrument :

BNA\_G

ClientSampleId :

ICVBG082725

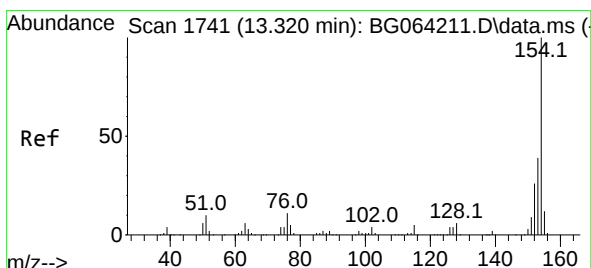
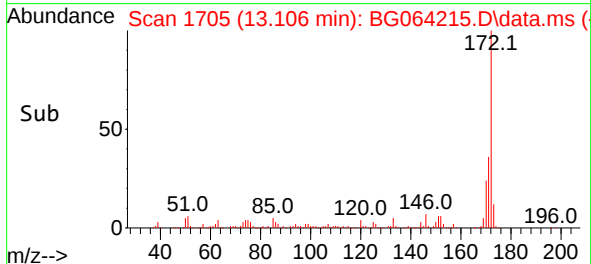
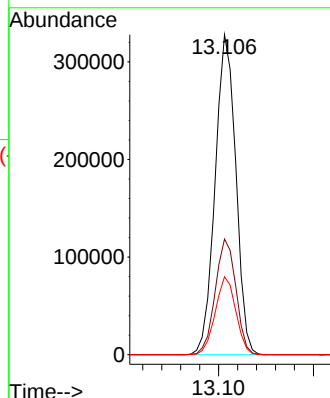
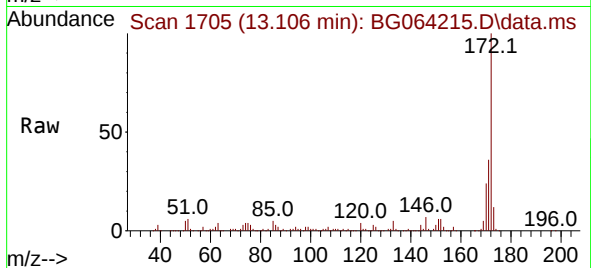
Tgt Ion:172 Resp: 496550

Ion Ratio Lower Upper

172 100

171 36.2 28.4 42.6

170 24.4 20.2 30.4



#46

1,1'-Biphenyl

Concen: 38.539 ng

RT: 13.318 min Scan# 1741

Delta R.T. -0.002 min

Lab File: BG064215.D

Acq: 27 Aug 2025 17:39

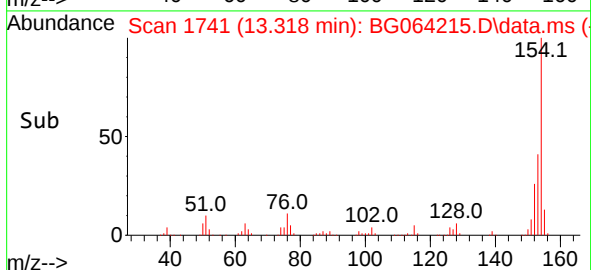
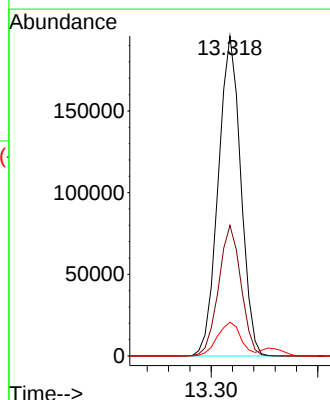
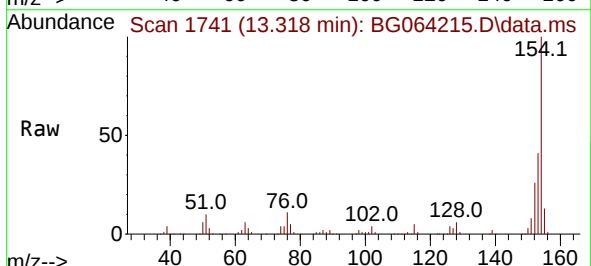
Tgt Ion:154 Resp: 286964

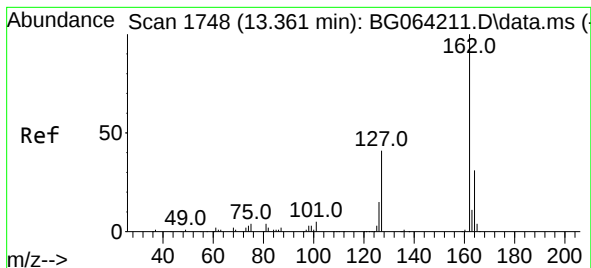
Ion Ratio Lower Upper

154 100

153 40.8 19.2 59.2

76 10.6 0.0 31.4

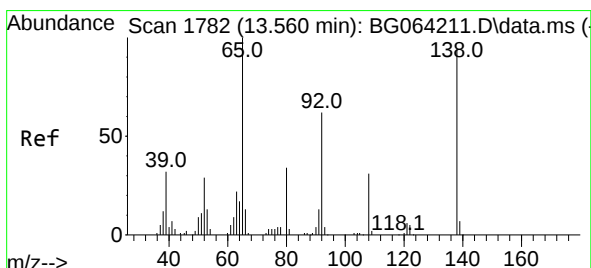
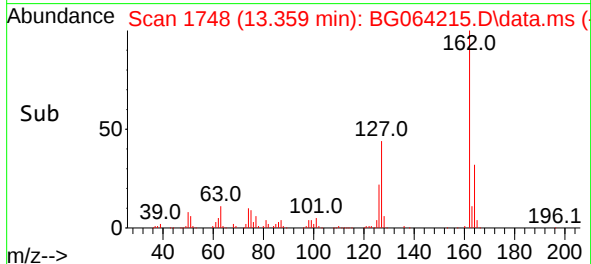
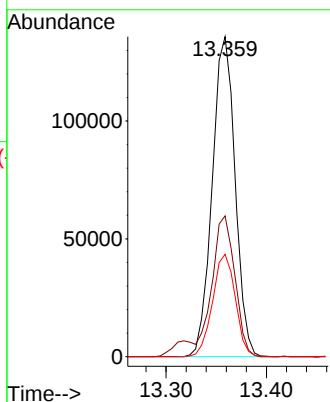
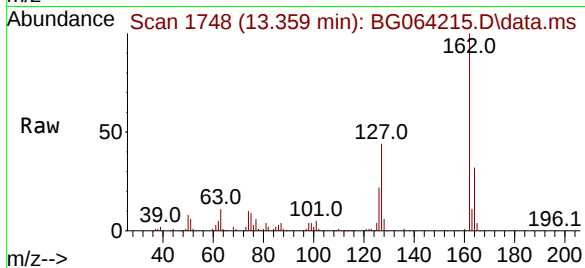




#47  
2-Chloronaphthalene  
Concen: 38.632 ng  
RT: 13.359 min Scan# 1748  
Delta R.T. -0.002 min  
Lab File: BG064215.D  
Acq: 27 Aug 2025 17:39

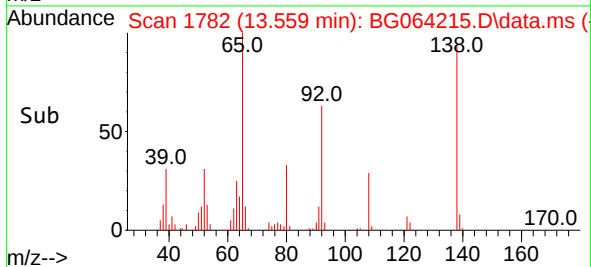
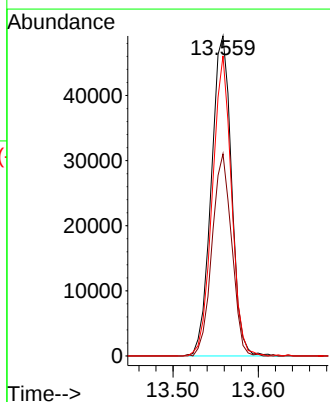
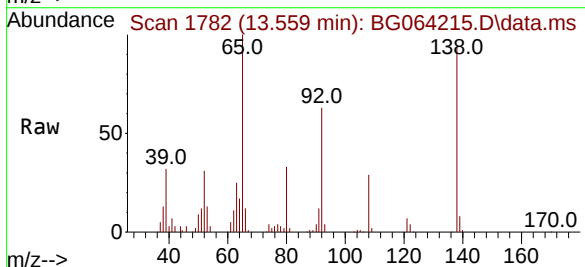
Instrument :  
BNA\_G  
ClientSampleId :  
ICVBG082725

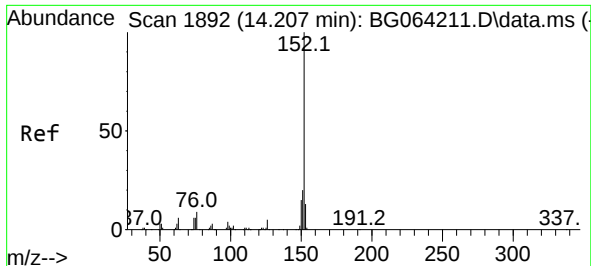
Tgt Ion:162 Resp: 214694  
Ion Ratio Lower Upper  
162 100  
127 44.0 36.2 54.4  
164 32.0 25.0 37.4



#48  
2-Nitroaniline  
Concen: 42.055 ng  
RT: 13.559 min Scan# 1782  
Delta R.T. -0.002 min  
Lab File: BG064215.D  
Acq: 27 Aug 2025 17:39

Tgt Ion: 65 Resp: 81015  
Ion Ratio Lower Upper  
65 100  
92 63.2 49.3 73.9  
138 93.8 75.4 113.0

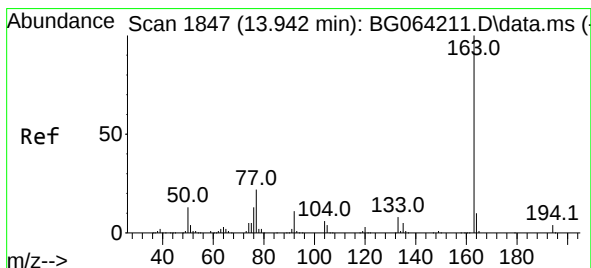
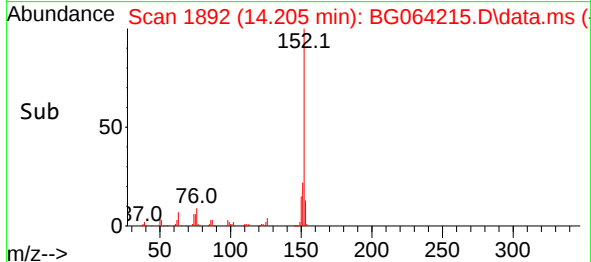
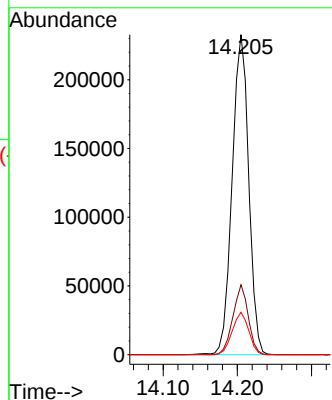
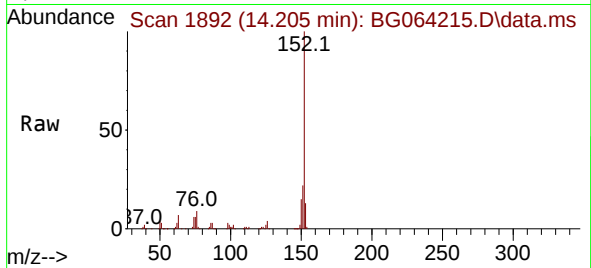




#49  
Acenaphthylene  
Concen: 43.718 ng  
RT: 14.205 min Scan# 1  
Delta R.T. -0.002 min  
Lab File: BG064215.D  
Acq: 27 Aug 2025 17:39

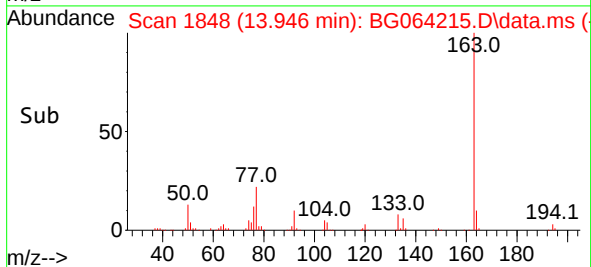
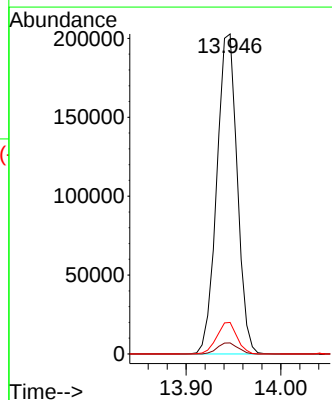
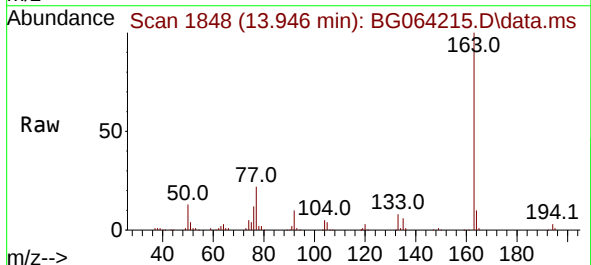
Instrument :  
BNA\_G  
ClientSampleId :  
ICVBG082725

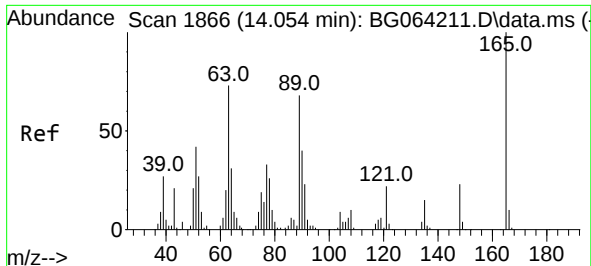
Tgt Ion:152 Resp: 360671  
Ion Ratio Lower Upper  
152 100  
151 21.8 16.0 24.0  
153 13.2 10.6 16.0



#50  
Dimethylphthalate  
Concen: 38.557 ng  
RT: 13.946 min Scan# 1848  
Delta R.T. 0.004 min  
Lab File: BG064215.D  
Acq: 27 Aug 2025 17:39

Tgt Ion:163 Resp: 303807  
Ion Ratio Lower Upper  
163 100  
194 3.5 3.0 4.6  
164 9.8 8.0 12.0

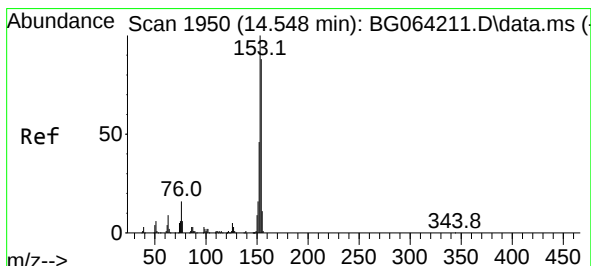
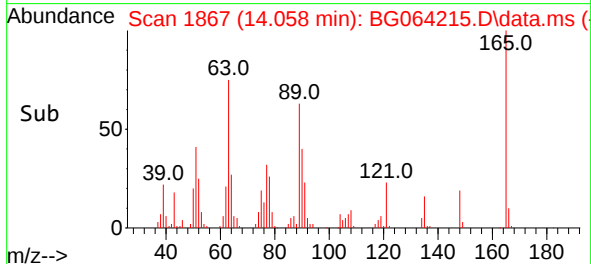
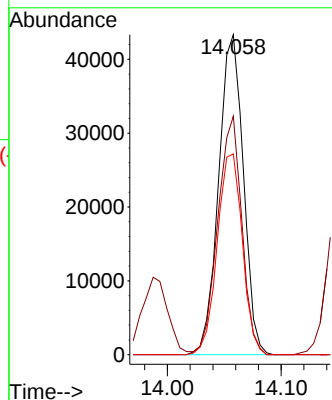
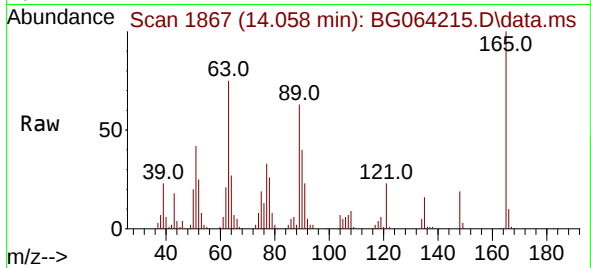




#51  
2,6-Dinitrotoluene  
Concen: 43.978 ng  
RT: 14.058 min Scan# 1866  
Delta R.T. 0.004 min  
Lab File: BG064215.D  
Acq: 27 Aug 2025 17:39

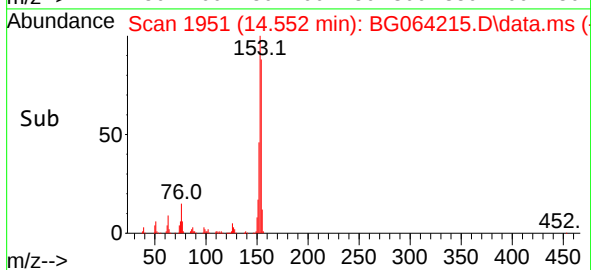
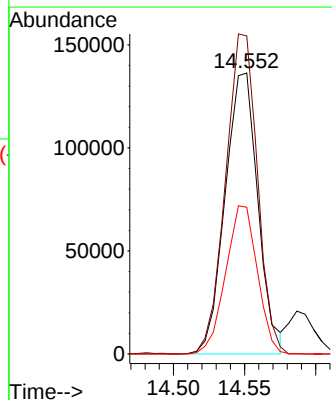
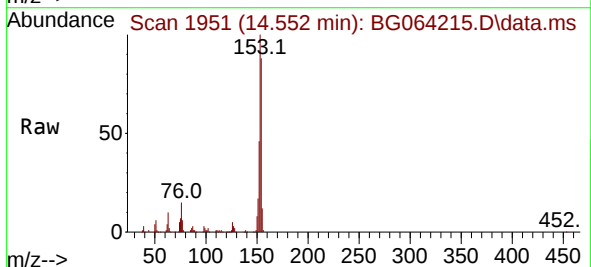
Instrument :  
BNA\_G  
ClientSampleId :  
ICVBG082725

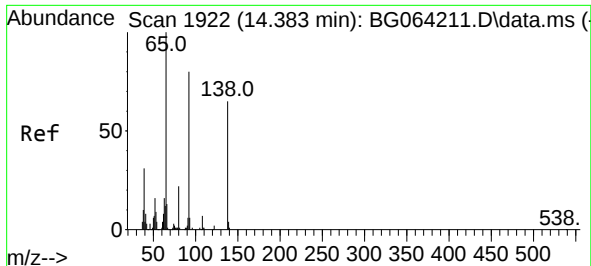
Tgt Ion:165 Resp: 65420  
Ion Ratio Lower Upper  
165 100  
63 74.5 58.3 87.5  
89 62.8 54.3 81.5



#52  
Acenaphthene  
Concen: 37.831 ng  
RT: 14.552 min Scan# 1951  
Delta R.T. 0.004 min  
Lab File: BG064215.D  
Acq: 27 Aug 2025 17:39

Tgt Ion:154 Resp: 219126  
Ion Ratio Lower Upper  
154 100  
153 113.2 91.2 136.8  
152 52.2 41.8 62.8

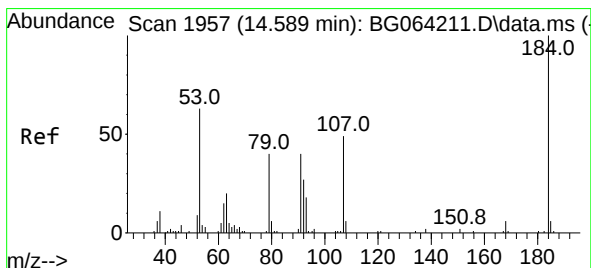
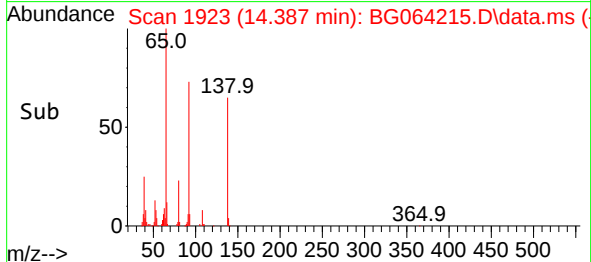
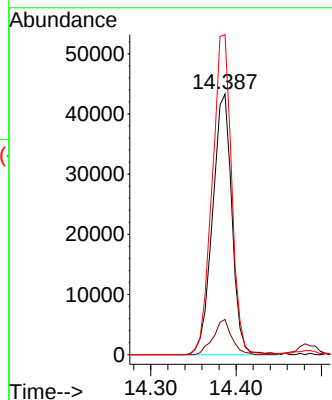
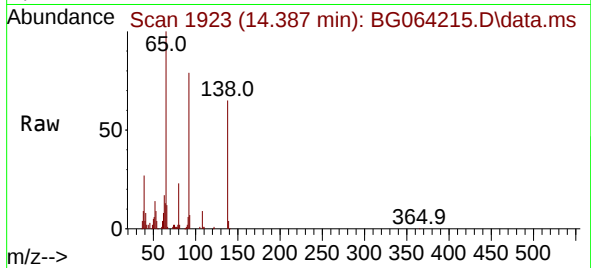




#53  
3-Nitroaniline  
Concen: 44.437 ng  
RT: 14.387 min Scan# 1922  
Delta R.T. 0.004 min  
Lab File: BG064215.D  
Acq: 27 Aug 2025 17:39

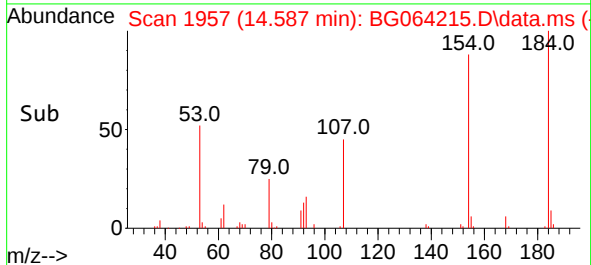
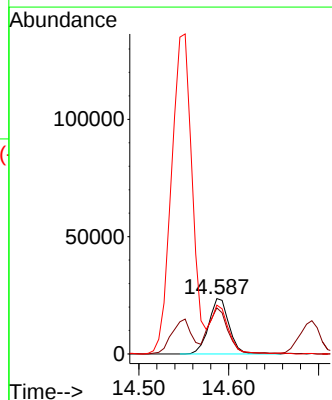
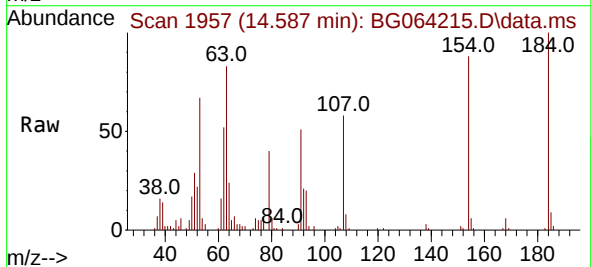
Instrument :  
BNA\_G  
ClientSampleId :  
ICVBG082725

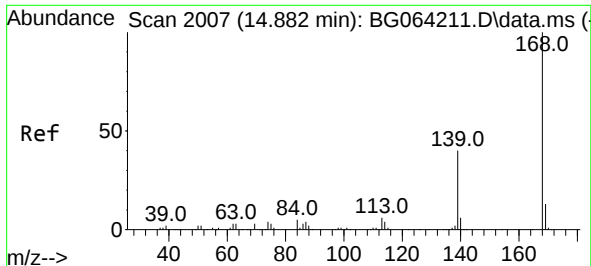
Tgt Ion:138 Resp: 68188  
Ion Ratio Lower Upper  
138 100  
108 13.5 8.7 13.1#  
92 122.9 99.3 148.9



#54  
2,4-Dinitrophenol  
Concen: 39.638 ng  
RT: 14.587 min Scan# 1957  
Delta R.T. -0.002 min  
Lab File: BG064215.D  
Acq: 27 Aug 2025 17:39

Tgt Ion:184 Resp: 37043  
Ion Ratio Lower Upper  
184 100  
63 83.4 60.7 91.1  
154 88.2 64.9 97.3

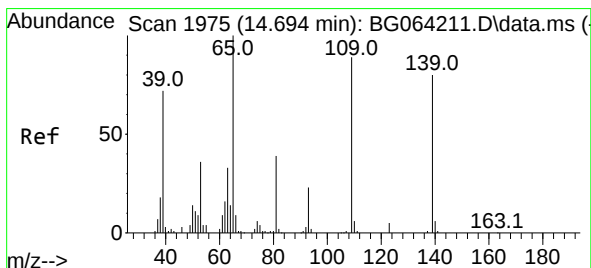
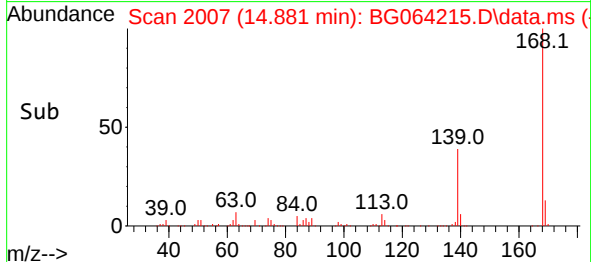
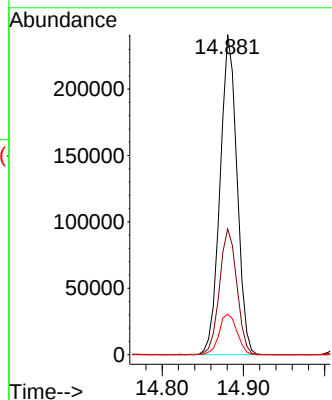
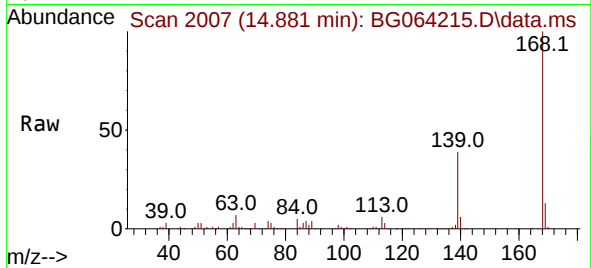




#55  
Dibenzofuran  
Concen: 38.073 ng  
RT: 14.881 min Scan# 2007  
Delta R.T. -0.002 min  
Lab File: BG064215.D  
Acq: 27 Aug 2025 17:39

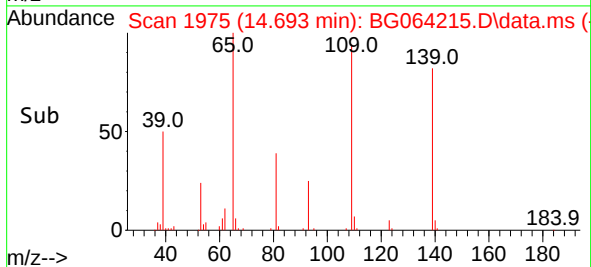
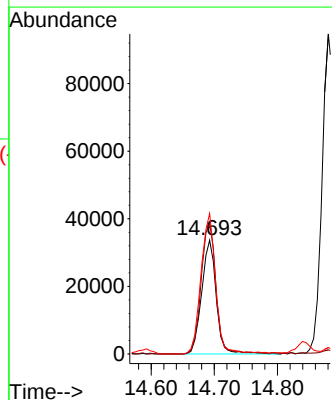
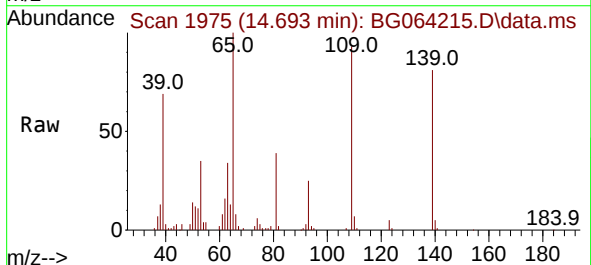
Instrument :  
BNA\_G  
ClientSampleId :  
ICVBG082725

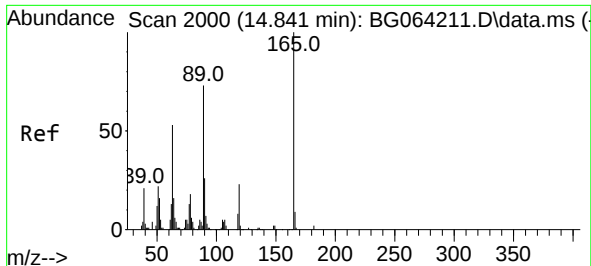
Tgt Ion:168 Resp: 349912  
Ion Ratio Lower Upper  
168 100  
139 39.3 32.1 48.1  
169 12.6 10.3 15.5



#56  
4-Nitrophenol  
Concen: 40.500 ng  
RT: 14.693 min Scan# 1975  
Delta R.T. -0.002 min  
Lab File: BG064215.D  
Acq: 27 Aug 2025 17:39

Tgt Ion:139 Resp: 53810  
Ion Ratio Lower Upper  
139 100  
109 114.9 91.2 131.2  
65 123.4 105.5 145.5

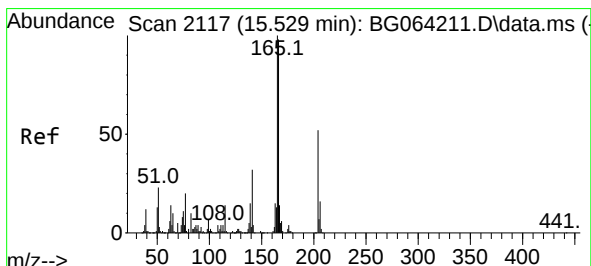
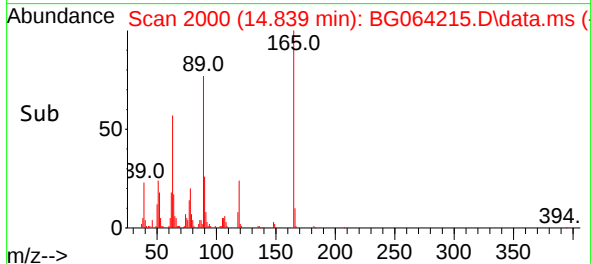
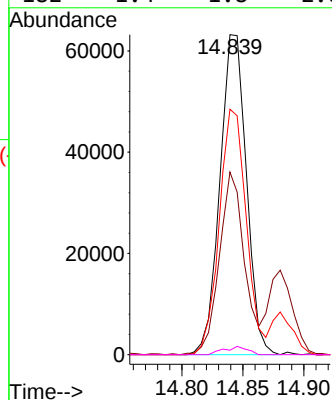
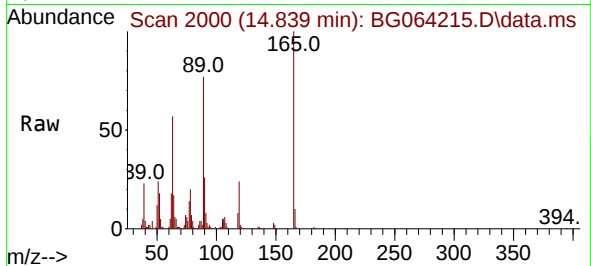




#57  
2,4-Dinitrotoluene  
Concen: 41.881 ng  
RT: 14.839 min Scan# 20  
Delta R.T. -0.002 min  
Lab File: BG064215.D  
Acq: 27 Aug 2025 17:39

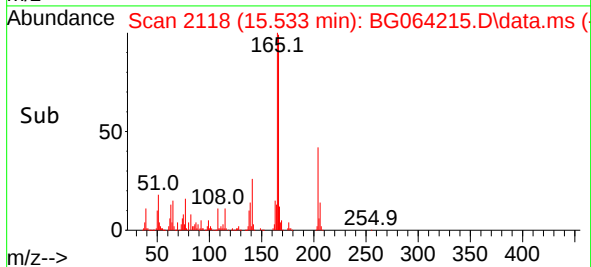
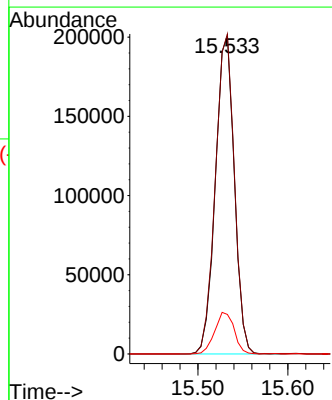
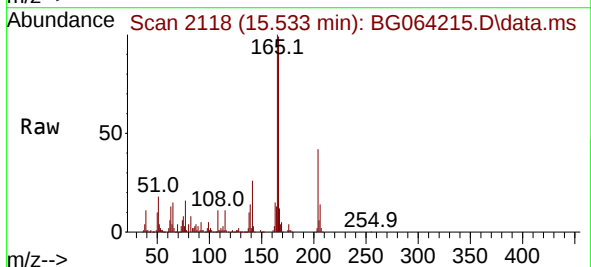
Instrument :  
BNA\_G  
ClientSampleId :  
ICVBG082725

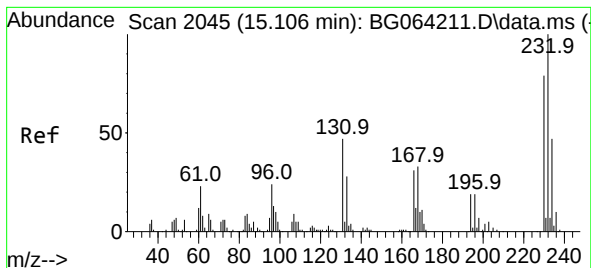
Tgt Ion:165 Resp: 95597  
Ion Ratio Lower Upper  
165 100  
63 57.0 42.9 64.3  
89 76.7 58.5 87.7  
182 1.4 1.8 2.6#



#58  
Fluorene  
Concen: 38.956 ng  
RT: 15.533 min Scan# 2118  
Delta R.T. 0.004 min  
Lab File: BG064215.D  
Acq: 27 Aug 2025 17:39

Tgt Ion:166 Resp: 292539  
Ion Ratio Lower Upper  
166 100  
165 100.6 81.7 122.5  
167 12.4 11.0 16.6

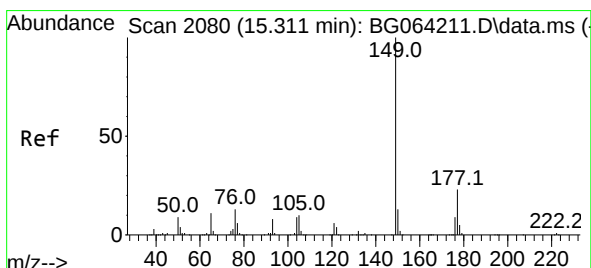
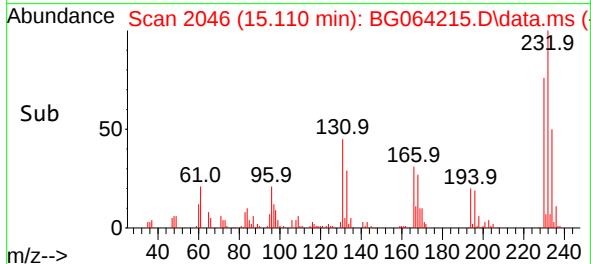
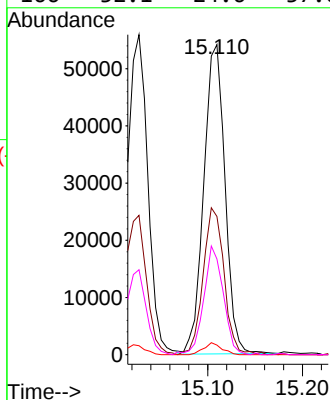
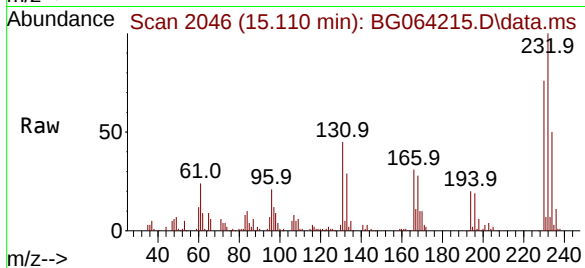




#59  
2,3,4,6-Tetrachlorophenol  
Concen: 40.289 ng  
RT: 15.110 min Scan# 2046  
Delta R.T. 0.004 min  
Lab File: BG064215.D  
Acq: 27 Aug 2025 17:39

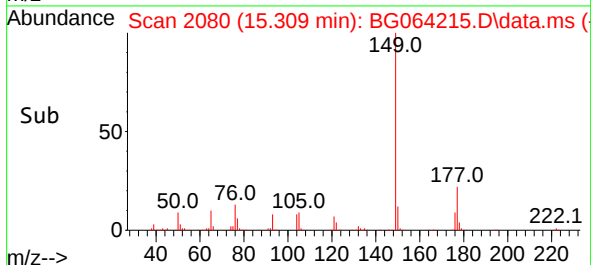
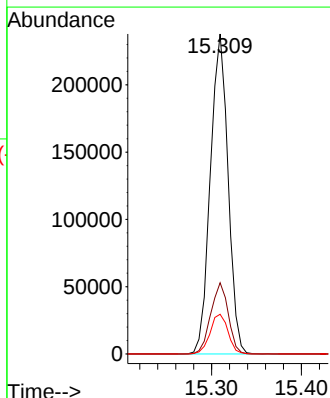
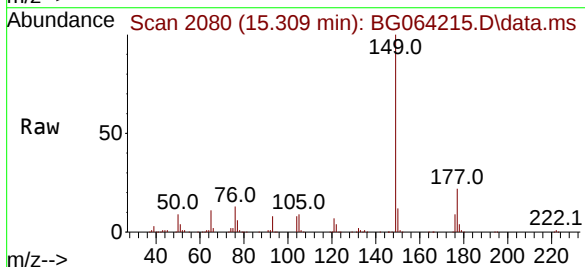
Instrument :  
BNA\_G  
ClientSampleId :  
ICVBG082725

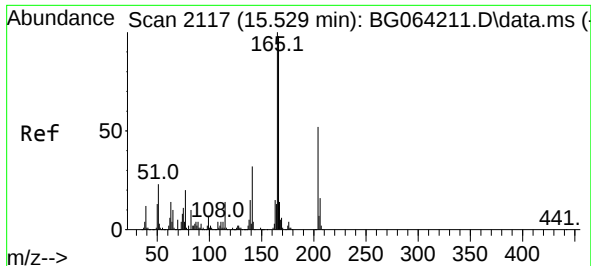
Tgt Ion:232 Resp: 84097  
Ion Ratio Lower Upper  
232 100  
131 47.1 37.5 56.3  
130 3.3 0.9 1.3#  
166 32.1 24.6 37.0



#60  
Diethylphthalate  
Concen: 38.431 ng  
RT: 15.309 min Scan# 2080  
Delta R.T. -0.002 min  
Lab File: BG064215.D  
Acq: 27 Aug 2025 17:39

Tgt Ion:149 Resp: 325045  
Ion Ratio Lower Upper  
149 100  
177 22.2 18.7 28.1  
150 12.4 10.1 15.1

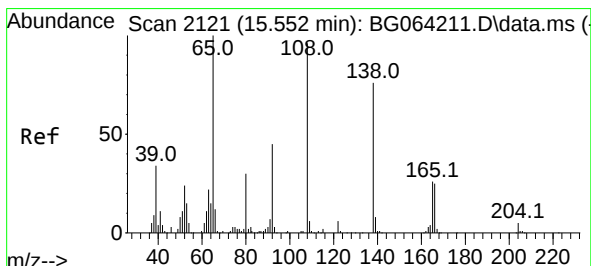
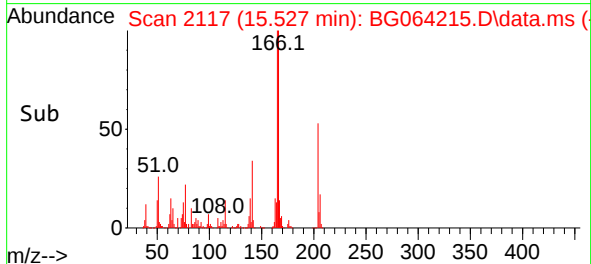
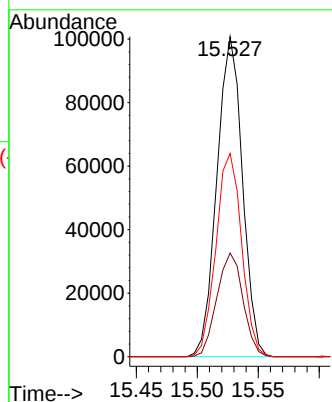
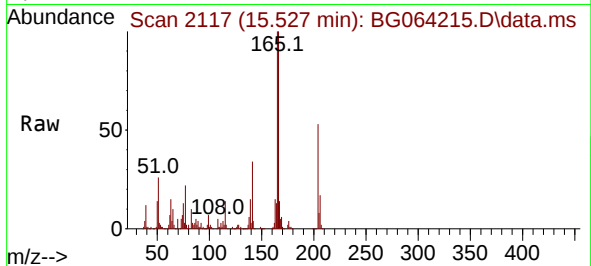




#61  
4-Chlorophenyl-phenylether  
Concen: 37.954 ng  
RT: 15.527 min Scan# 2117  
Delta R.T. -0.002 min  
Lab File: BG064215.D  
Acq: 27 Aug 2025 17:39

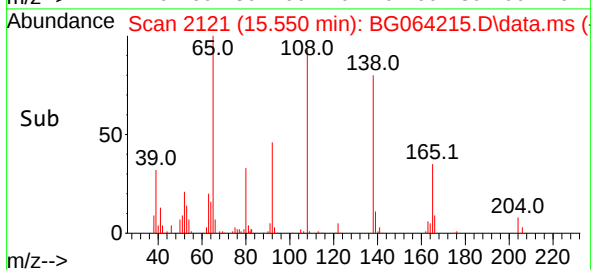
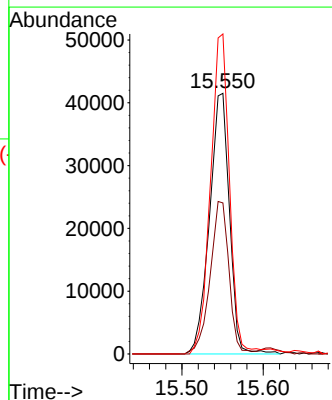
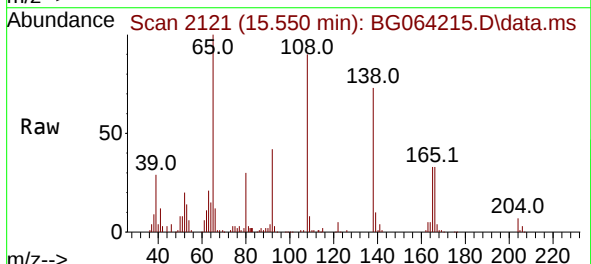
Instrument :  
BNA\_G  
ClientSampleId :  
ICVBG082725

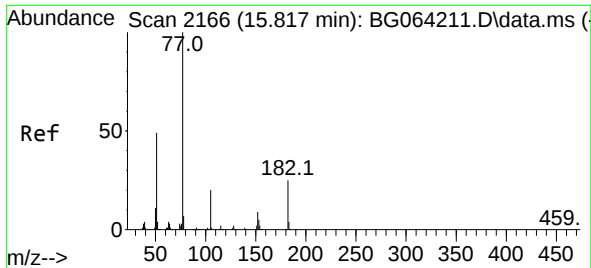
Tgt Ion:204 Resp: 147083  
Ion Ratio Lower Upper  
204 100  
206 32.4 24.9 37.3  
141 63.5 49.3 73.9



#62  
4-Nitroaniline  
Concen: 42.747 ng  
RT: 15.550 min Scan# 2121  
Delta R.T. -0.002 min  
Lab File: BG064215.D  
Acq: 27 Aug 2025 17:39

Tgt Ion:138 Resp: 70921  
Ion Ratio Lower Upper  
138 100  
92 57.9 38.8 78.8  
108 122.7 106.1 146.1

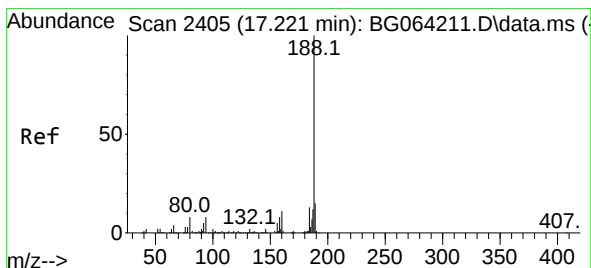
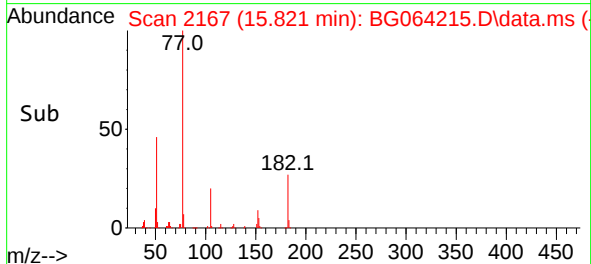
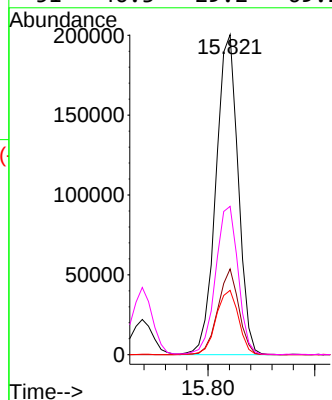
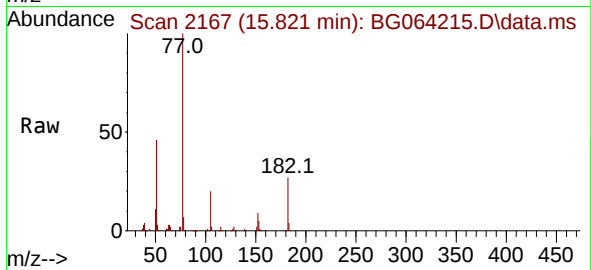




#63  
Azobenzene  
Concen: 38.928 ng  
RT: 15.821 min Scan# 2166  
Delta R.T. 0.004 min  
Lab File: BG064215.D  
Acq: 27 Aug 2025 17:39

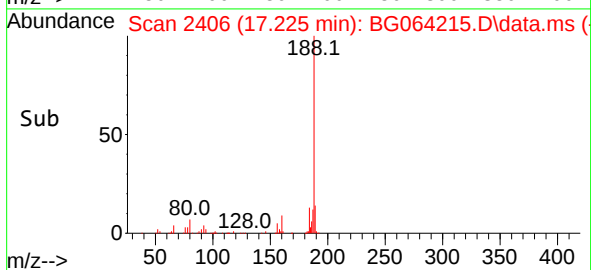
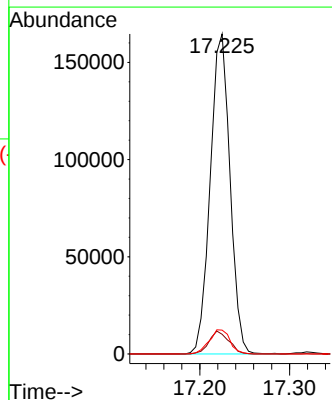
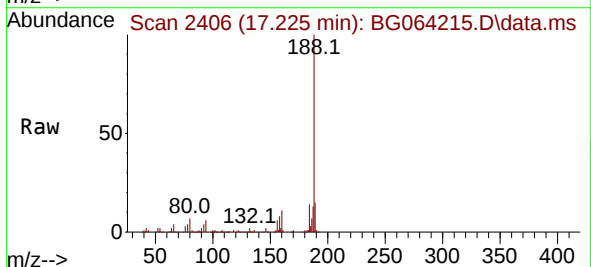
Instrument :  
BNA\_G  
ClientSampleId :  
ICVBG082725

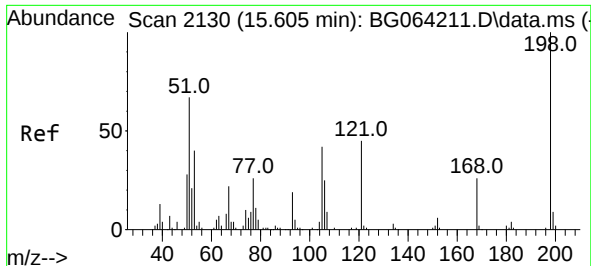
Tgt Ion: 77 Resp: 289330  
Ion Ratio Lower Upper  
77 100  
182 26.8 5.0 45.0  
105 20.1 0.1 40.1  
51 46.3 29.2 69.2



#64  
Phenanthrene-d10  
Concen: 20.000 ng  
RT: 17.225 min Scan# 2406  
Delta R.T. 0.004 min  
Lab File: BG064215.D  
Acq: 27 Aug 2025 17:39

Tgt Ion: 188 Resp: 251424  
Ion Ratio Lower Upper  
188 100  
94 6.1 6.3 9.5#  
80 7.4 6.7 10.1

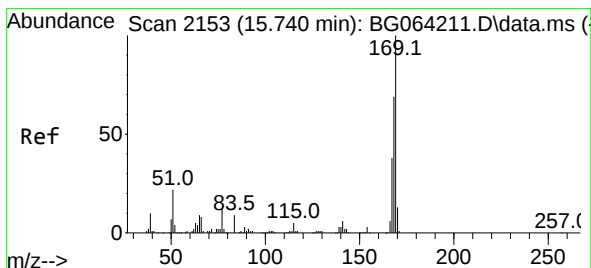
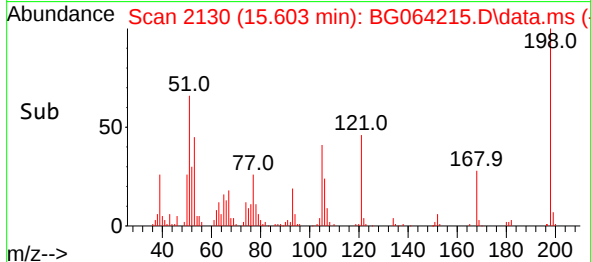
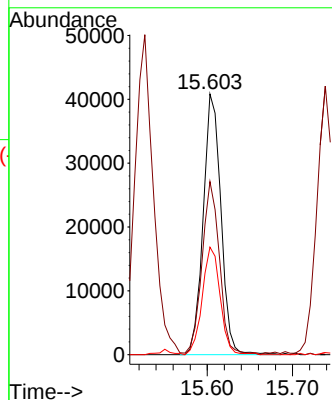
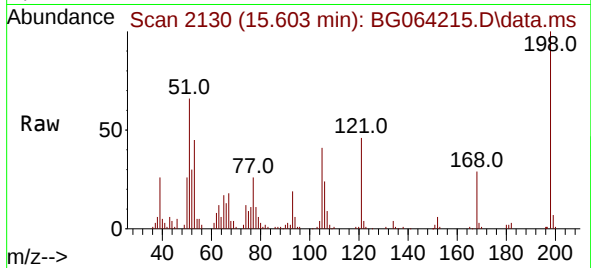




#65  
 4,6-Dinitro-2-methylphenol  
 Concen: 41.208 ng  
 RT: 15.603 min Scan# 2130  
 Delta R.T. -0.002 min  
 Lab File: BG064215.D  
 Acq: 27 Aug 2025 17:39

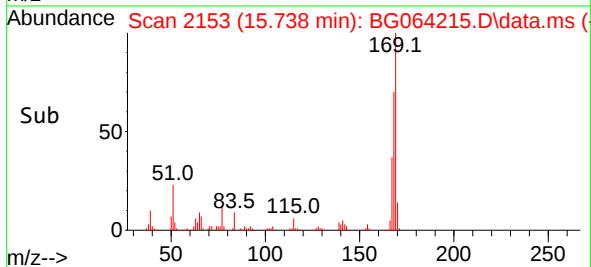
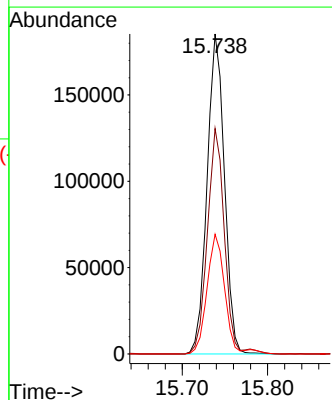
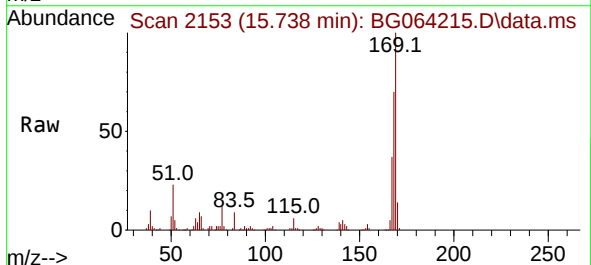
Instrument :  
 BNA\_G  
 ClientSampleId :  
 ICVBG082725

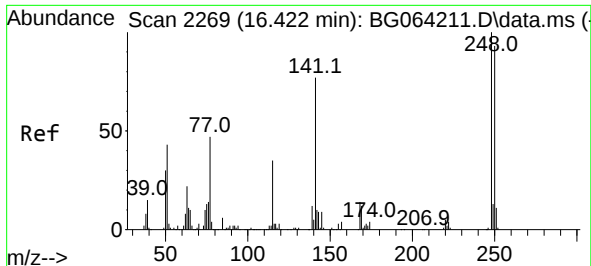
Tgt Ion:198 Resp: 59043  
 Ion Ratio Lower Upper  
 198 100  
 51 66.4 50.1 90.1  
 105 41.3 22.5 62.5



#66  
 n-Nitrosodiphenylamine  
 Concen: 38.361 ng  
 RT: 15.738 min Scan# 2153  
 Delta R.T. -0.002 min  
 Lab File: BG064215.D  
 Acq: 27 Aug 2025 17:39

Tgt Ion:169 Resp: 260973  
 Ion Ratio Lower Upper  
 169 100  
 168 70.4 54.9 82.3  
 167 37.4 30.4 45.6

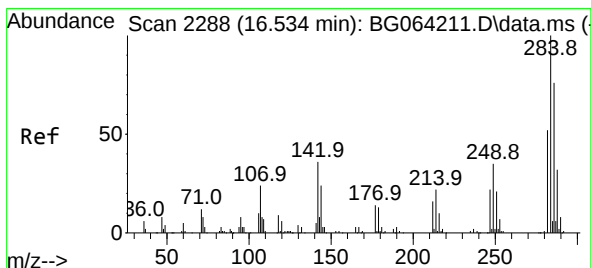
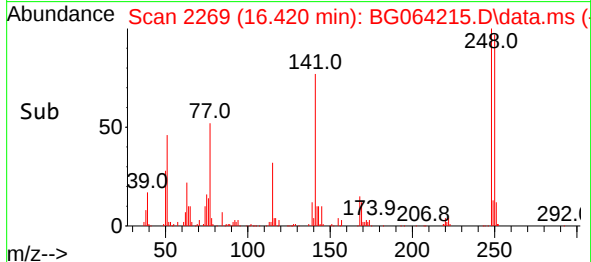
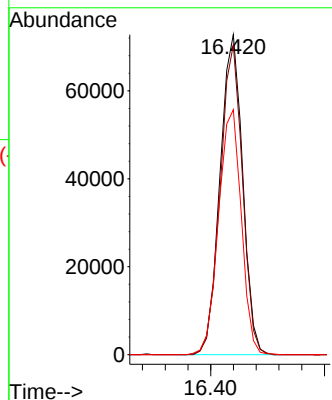
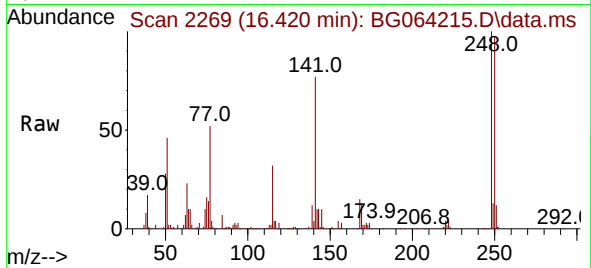




#67  
4-Bromophenyl-phenylether  
Concen: 37.984 ng  
RT: 16.420 min Scan# 211  
Delta R.T. -0.002 min  
Lab File: BG064215.D  
Acq: 27 Aug 2025 17:39

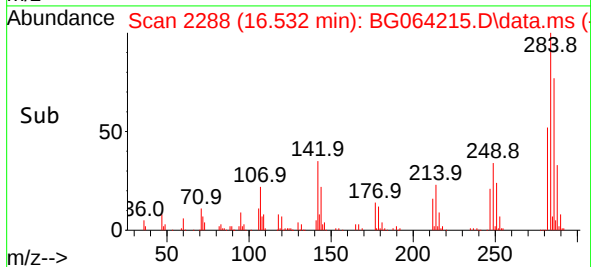
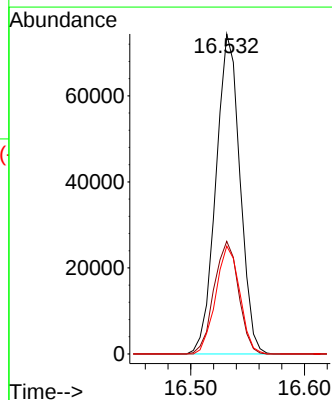
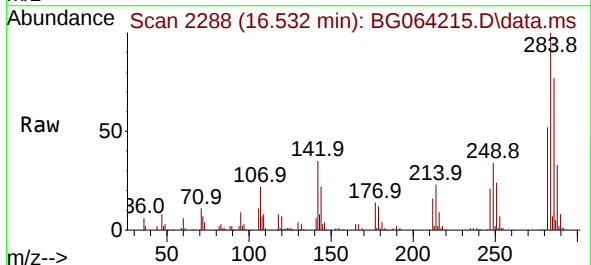
Instrument :  
BNA\_G  
ClientSampleId :  
ICVBG082725

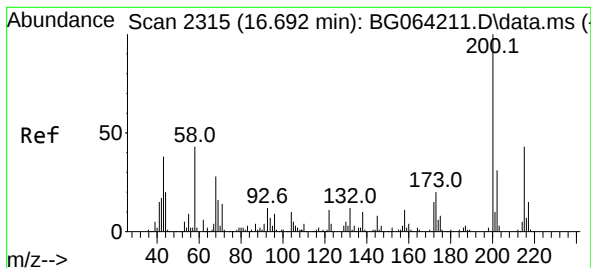
Tgt Ion:248 Resp: 100378  
Ion Ratio Lower Upper  
248 100  
250 96.8 74.1 111.1  
141 76.6 61.4 92.2



#68  
Hexachlorobenzene  
Concen: 38.551 ng  
RT: 16.532 min Scan# 2288  
Delta R.T. -0.002 min  
Lab File: BG064215.D  
Acq: 27 Aug 2025 17:39

Tgt Ion:284 Resp: 109487  
Ion Ratio Lower Upper  
284 100  
142 35.2 29.2 43.8  
249 33.7 27.7 41.5





#69

Atrazine

Concen: 37.392 ng

RT: 16.690 min Scan# 21

Delta R.T. -0.002 min

Lab File: BG064215.D

Acq: 27 Aug 2025 17:39

Instrument :

BNA\_G

ClientSampleId :

ICVBG082725

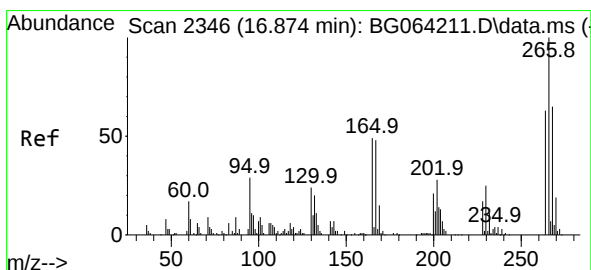
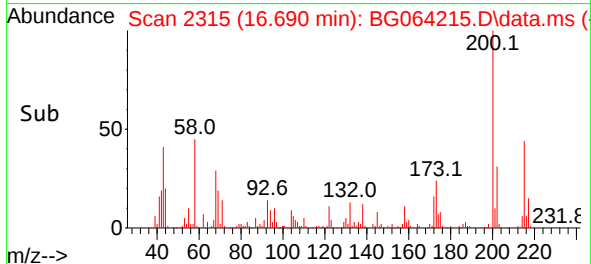
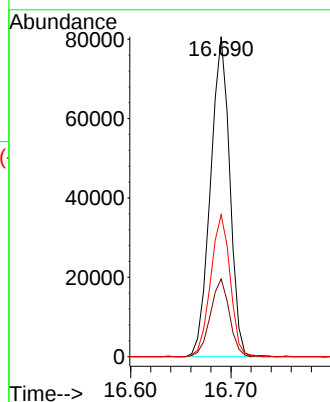
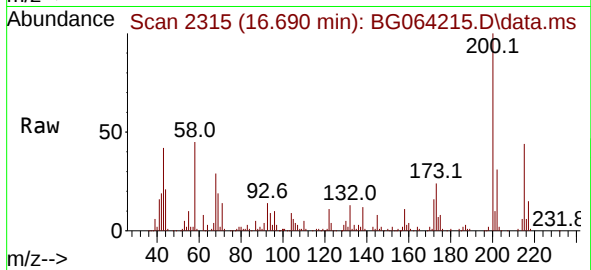
Tgt Ion:200 Resp: 107629

Ion Ratio Lower Upper

200 100

173 24.3 0.4 40.4

215 44.4 23.3 63.3



#70

Pentachlorophenol

Concen: 39.106 ng

RT: 16.872 min Scan# 2346

Delta R.T. -0.002 min

Lab File: BG064215.D

Acq: 27 Aug 2025 17:39

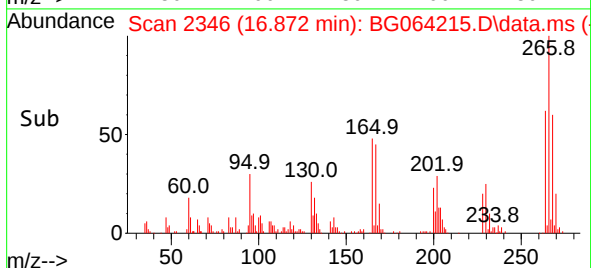
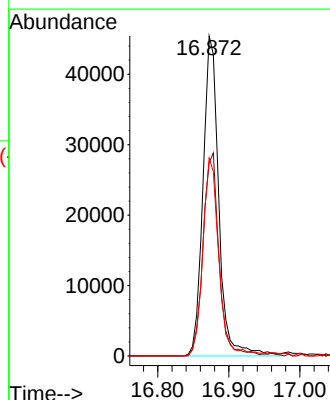
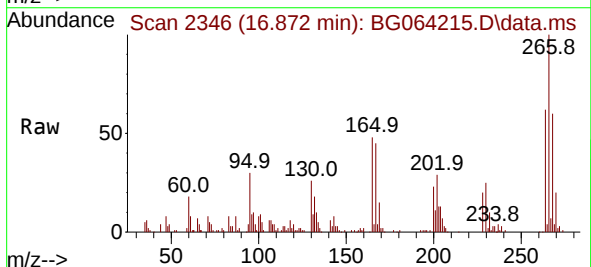
Tgt Ion:266 Resp: 70486

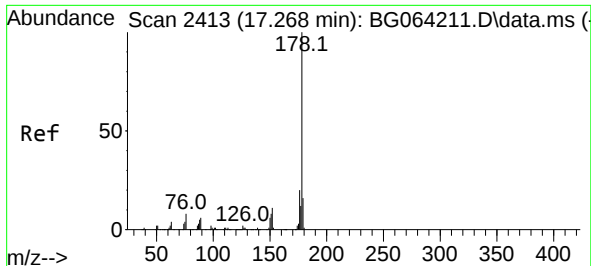
Ion Ratio Lower Upper

266 100

268 60.4 51.9 77.9

264 61.8 50.3 75.5

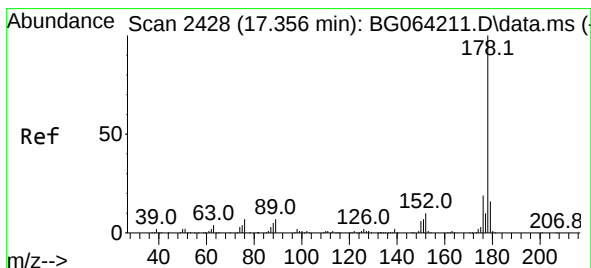
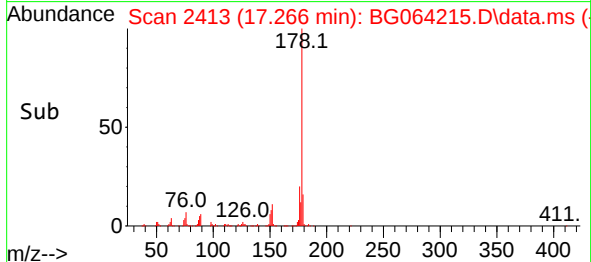
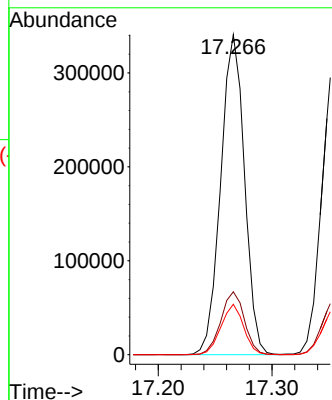
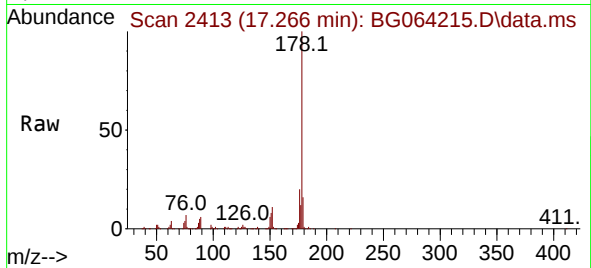




#71  
Phenanthrene  
Concen: 38.086 ng  
RT: 17.266 min Scan# 2413  
Delta R.T. -0.002 min  
Lab File: BG064215.D  
Acq: 27 Aug 2025 17:39

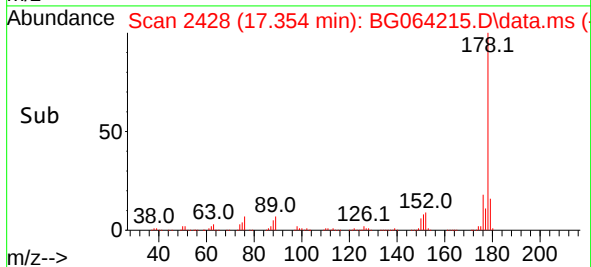
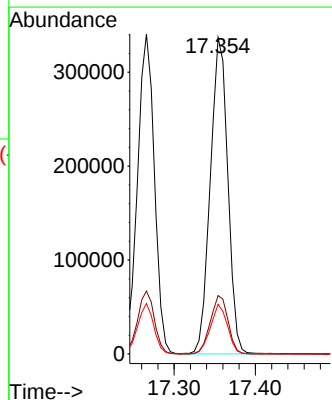
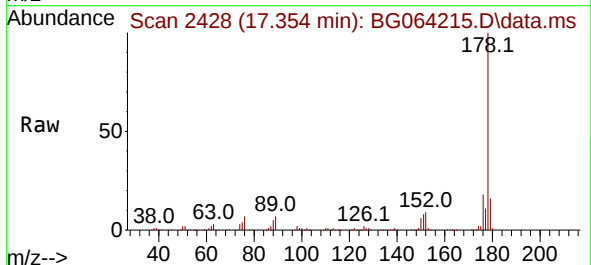
Instrument :  
BNA\_G  
ClientSampleId :  
ICVBG082725

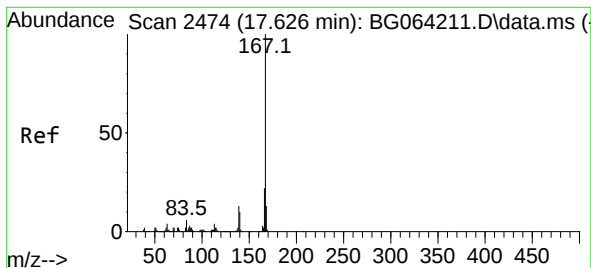
Tgt Ion:178 Resp: 494591  
Ion Ratio Lower Upper  
178 100  
176 19.6 15.8 23.6  
179 15.7 12.5 18.7



#72  
Anthracene  
Concen: 38.269 ng  
RT: 17.354 min Scan# 2428  
Delta R.T. -0.002 min  
Lab File: BG064215.D  
Acq: 27 Aug 2025 17:39

Tgt Ion:178 Resp: 503363  
Ion Ratio Lower Upper  
178 100  
176 18.5 15.0 22.6  
179 15.7 12.8 19.2





#73

Carbazole

Concen: 38.162 ng

RT: 17.624 min Scan# 2474

Delta R.T. -0.002 min

Lab File: BG064215.D

Acq: 27 Aug 2025 17:39

Instrument :

BNA\_G

ClientSampleId :

ICVBG082725

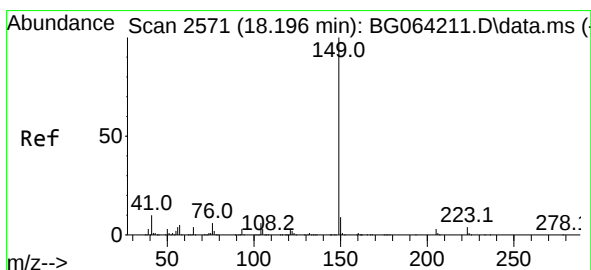
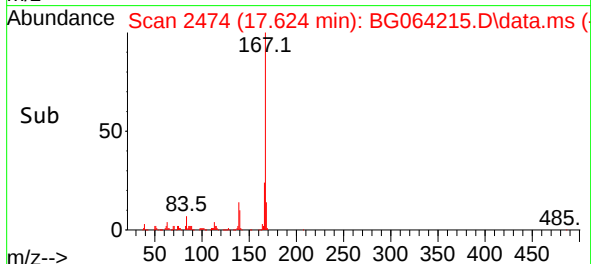
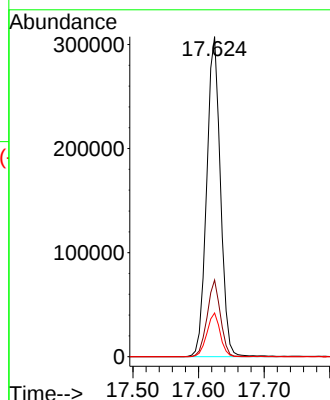
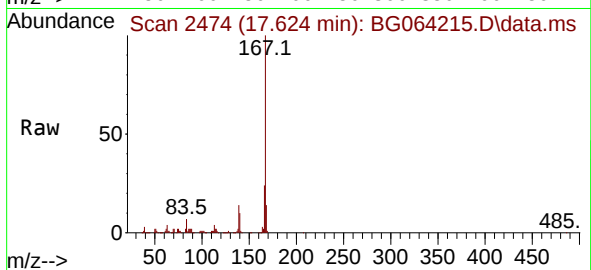
Tgt Ion:167 Resp: 448239

Ion Ratio Lower Upper

167 100

166 23.9 17.9 26.9

139 13.6 10.3 15.5



#74

Di-n-butylphthalate

Concen: 37.975 ng

RT: 18.194 min Scan# 2571

Delta R.T. -0.002 min

Lab File: BG064215.D

Acq: 27 Aug 2025 17:39

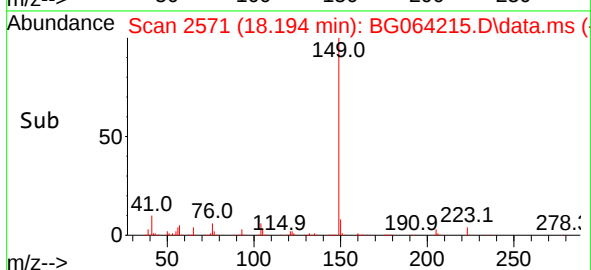
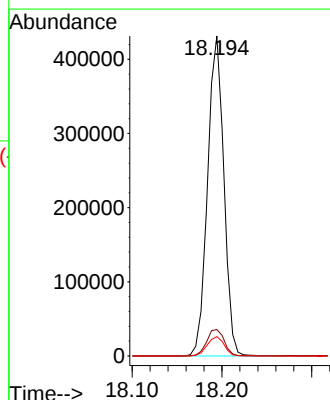
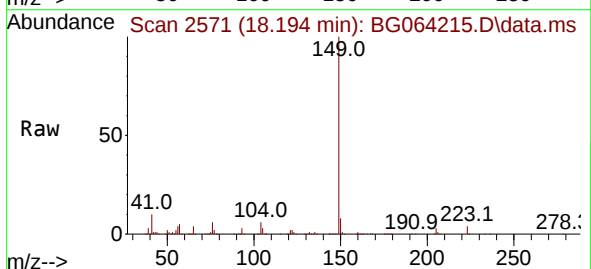
Tgt Ion:149 Resp: 542567

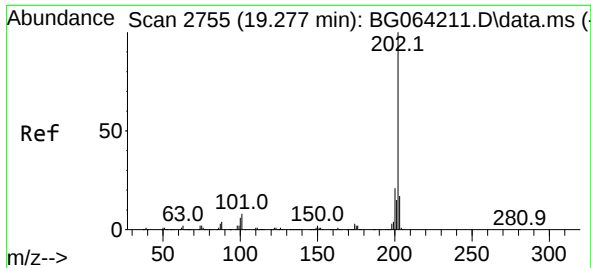
Ion Ratio Lower Upper

149 100

150 8.3 7.2 10.8

104 6.1 4.7 7.1

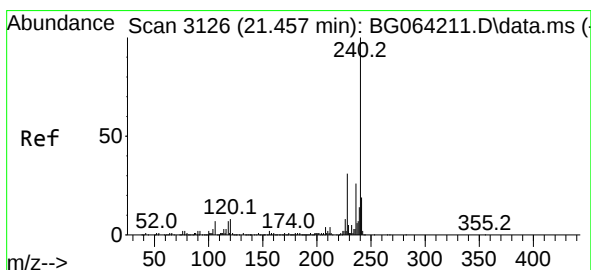
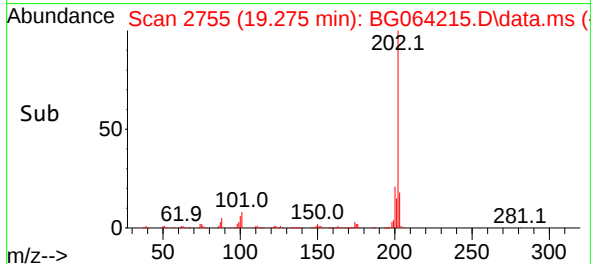
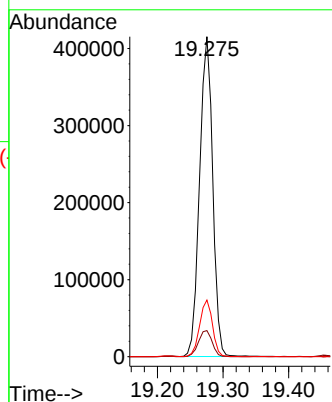
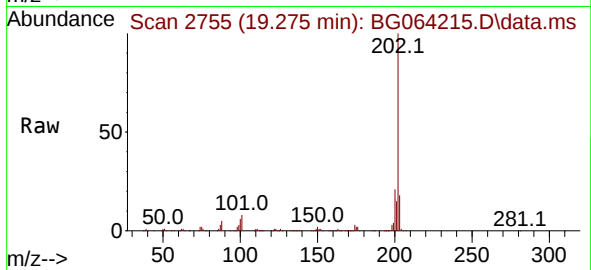




#75  
Fluoranthene  
Concen: 37.292 ng  
RT: 19.275 min Scan# 21  
Delta R.T. -0.002 min  
Lab File: BG064215.D  
Acq: 27 Aug 2025 17:39

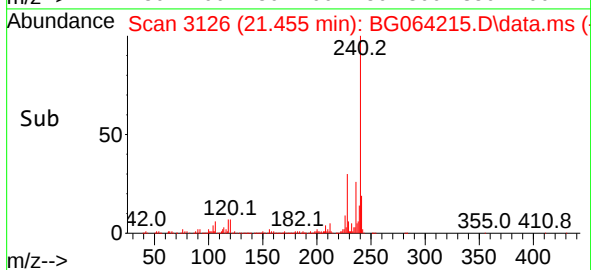
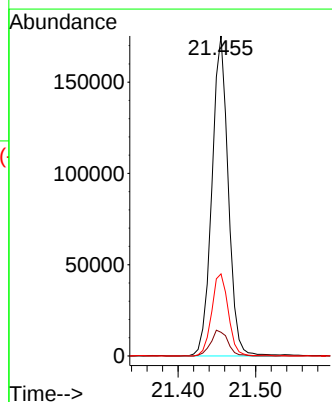
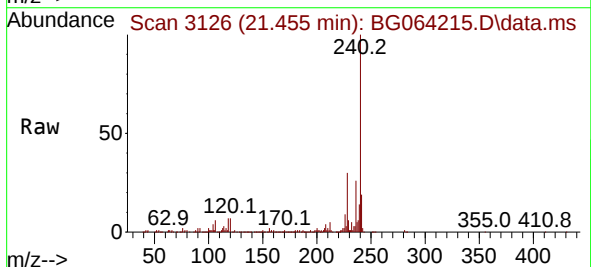
Instrument :  
BNA\_G  
ClientSampleId :  
ICVBG082725

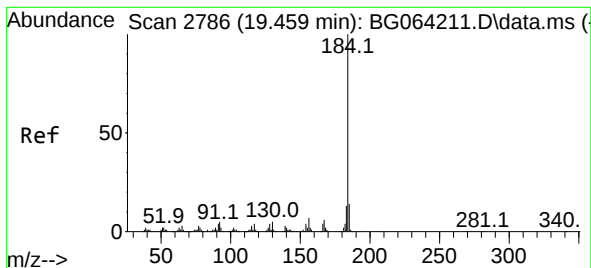
Tgt Ion:202 Resp: 578803  
Ion Ratio Lower Upper  
202 100  
101 8.2 0.0 27.6  
203 17.7 0.0 37.4



#76  
Chrysene-d12  
Concen: 20.000 ng  
RT: 21.455 min Scan# 3126  
Delta R.T. -0.002 min  
Lab File: BG064215.D  
Acq: 27 Aug 2025 17:39

Tgt Ion:240 Resp: 256711  
Ion Ratio Lower Upper  
240 100  
120 7.4 6.6 9.8  
236 25.6 21.0 31.4





#77

Benzidine

Concen: 50.247 ng

RT: 19.458 min Scan# 21

Delta R.T. -0.002 min

Lab File: BG064215.D

Acq: 27 Aug 2025 17:39

Instrument :

BNA\_G

ClientSampleId :

ICVBG082725

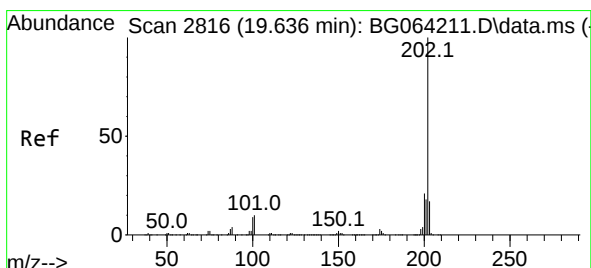
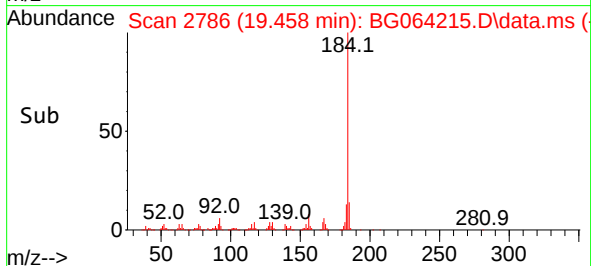
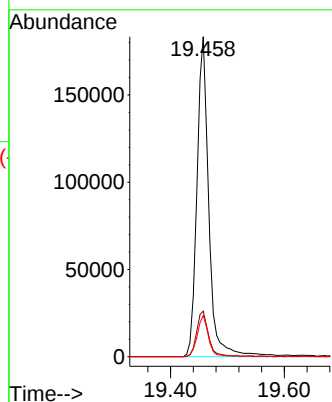
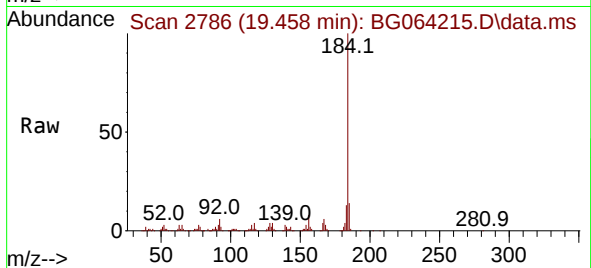
Tgt Ion:184 Resp: 267050

Ion Ratio Lower Upper

184 100

185 14.2 10.9 16.3

183 12.8 10.1 15.1



#78

Pyrene

Concen: 37.182 ng

RT: 19.634 min Scan# 2816

Delta R.T. -0.002 min

Lab File: BG064215.D

Acq: 27 Aug 2025 17:39

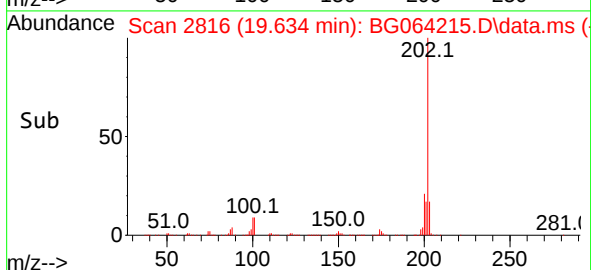
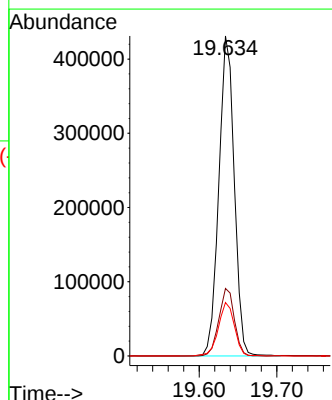
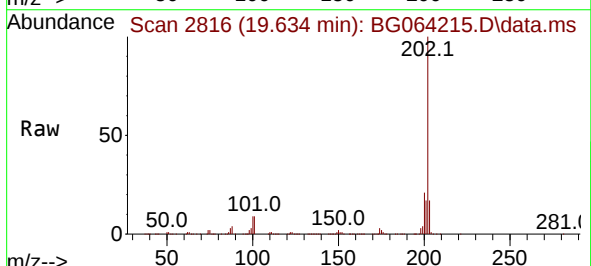
Tgt Ion:202 Resp: 594846

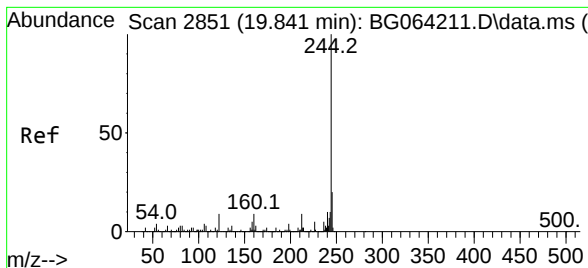
Ion Ratio Lower Upper

202 100

200 21.1 16.5 24.7

203 16.7 13.8 20.8





#79

Terphenyl-d14

Concen: 76.366 ng

RT: 19.839 min Scan# 21

Delta R.T. -0.002 min

Lab File: BG064215.D

Acq: 27 Aug 2025 17:39

Instrument :

BNA\_G

ClientSampleId :

ICVBG082725

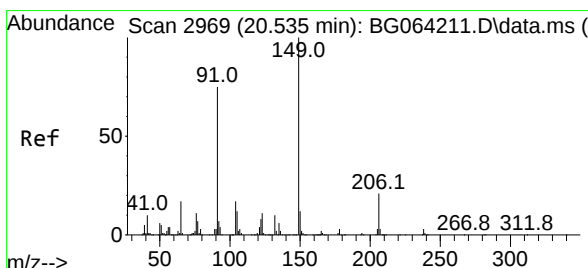
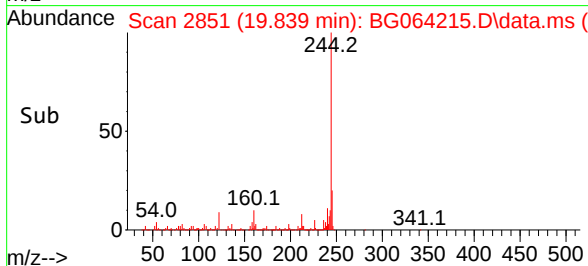
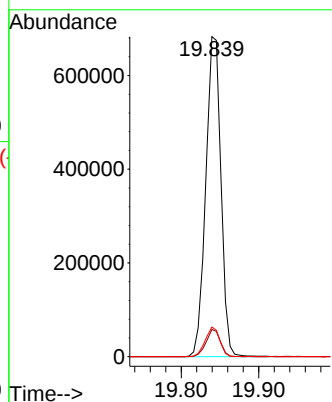
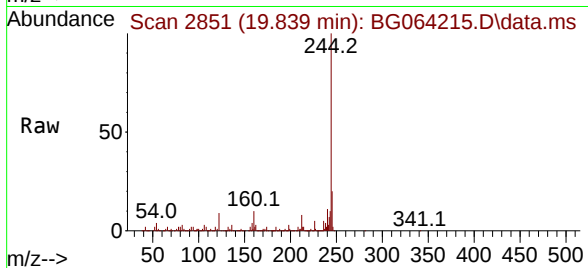
Tgt Ion:244 Resp: 927792

Ion Ratio Lower Upper

244 100

212 8.5 7.0 10.4

122 9.3 7.0 10.6



#80

Butylbenzylphthalate

Concen: 39.379 ng

RT: 20.533 min Scan# 2969

Delta R.T. -0.002 min

Lab File: BG064215.D

Acq: 27 Aug 2025 17:39

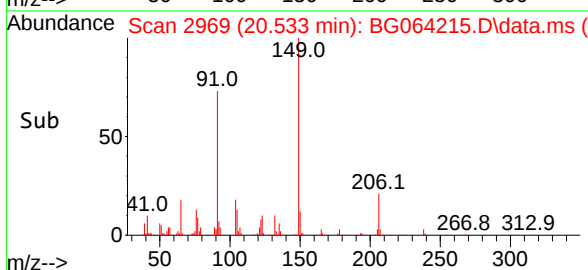
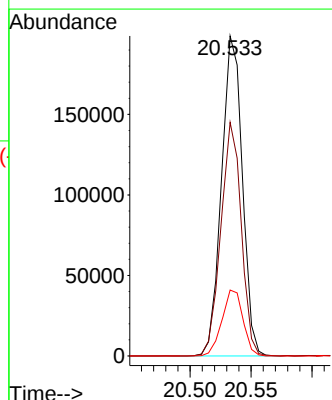
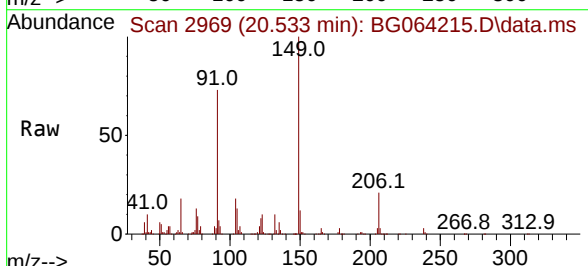
Tgt Ion:149 Resp: 236339

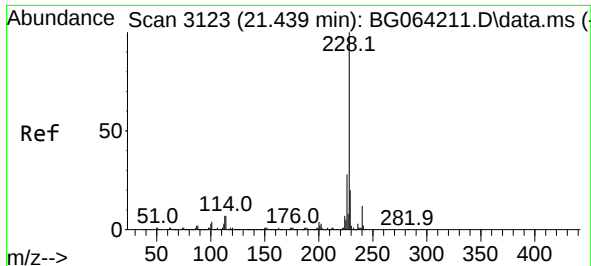
Ion Ratio Lower Upper

149 100

91 73.0 59.8 89.6

206 20.6 16.7 25.1

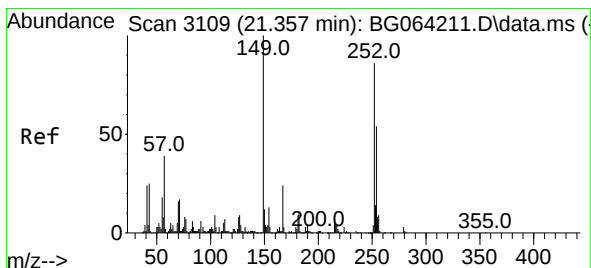
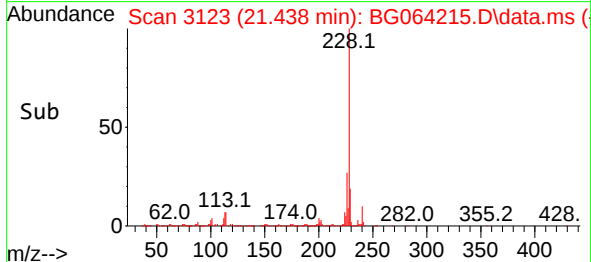
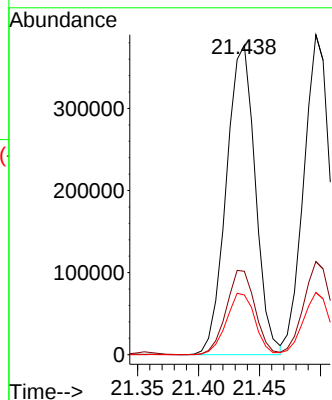
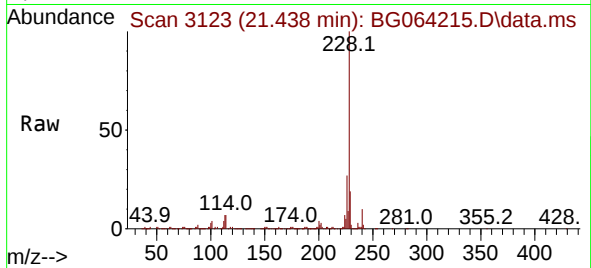




#81  
Benzo(a)anthracene  
Concen: 38.112 ng  
RT: 21.438 min Scan# 3123  
Delta R.T. -0.002 min  
Lab File: BG064215.D  
Acq: 27 Aug 2025 17:39

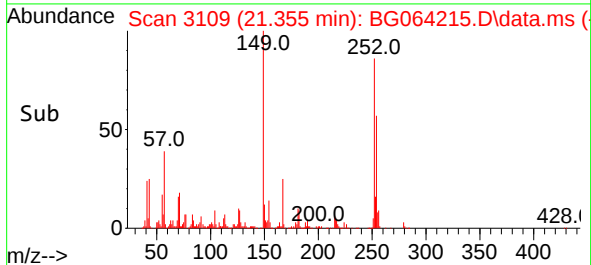
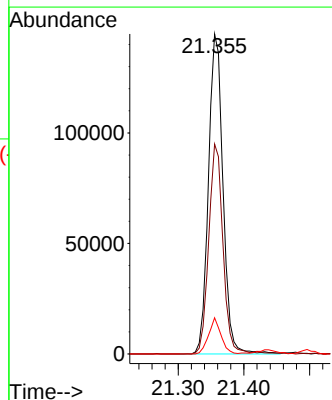
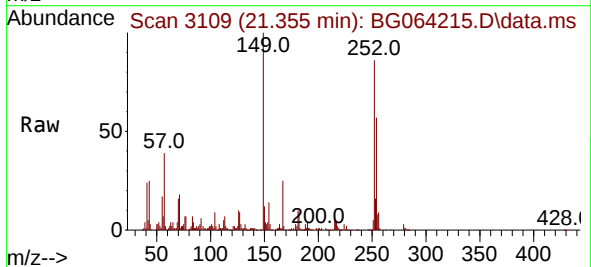
Instrument :  
BNA\_G  
ClientSampleId :  
ICVBG082725

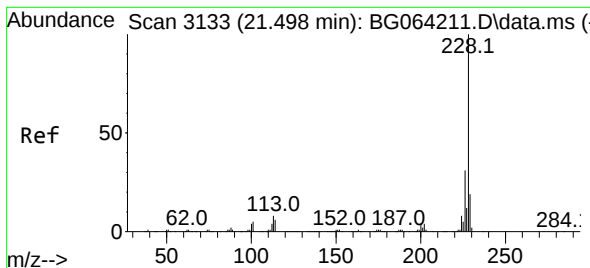
Tgt Ion:228 Resp: 625210  
Ion Ratio Lower Upper  
228 100  
226 26.9 22.2 33.4  
229 19.3 15.8 23.8



#82  
3,3'-Dichlorobenzidine  
Concen: 42.221 ng  
RT: 21.355 min Scan# 3109  
Delta R.T. -0.002 min  
Lab File: BG064215.D  
Acq: 27 Aug 2025 17:39

Tgt Ion:252 Resp: 223540  
Ion Ratio Lower Upper  
252 100  
254 65.6 50.1 75.1  
126 11.3 7.8 11.6





#83

Chrysene

Concen: 37.558 ng

RT: 21.496 min Scan# 3133

Delta R.T. -0.002 min

Lab File: BG064215.D

Acq: 27 Aug 2025 17:39

Instrument :

BNA\_G

ClientSampleId :

ICVBG082725

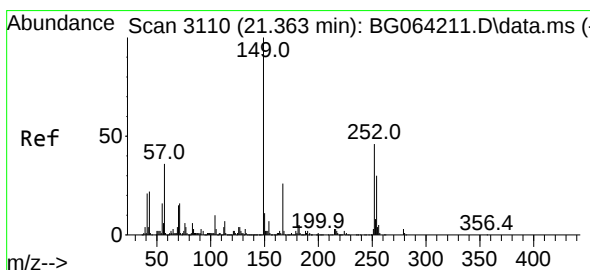
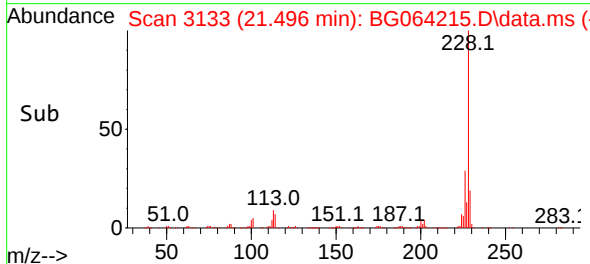
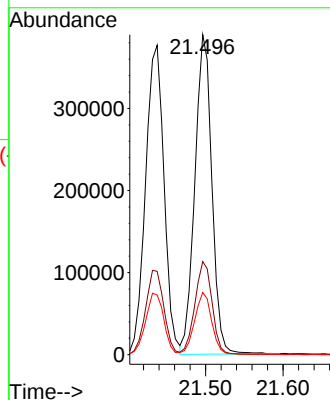
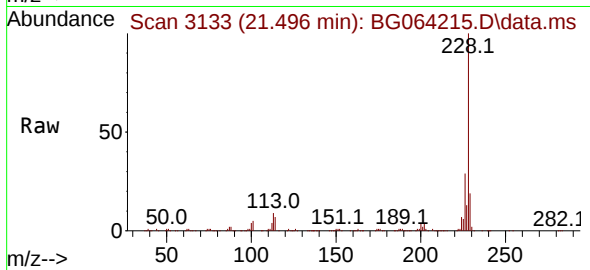
Tgt Ion:228 Resp: 592586

Ion Ratio Lower Upper

228 100

226 29.1 24.2 36.2

229 19.5 15.5 23.3



#84

Bis(2-ethylhexyl)phthalate

Concen: 39.176 ng

RT: 21.367 min Scan# 3111

Delta R.T. 0.004 min

Lab File: BG064215.D

Acq: 27 Aug 2025 17:39

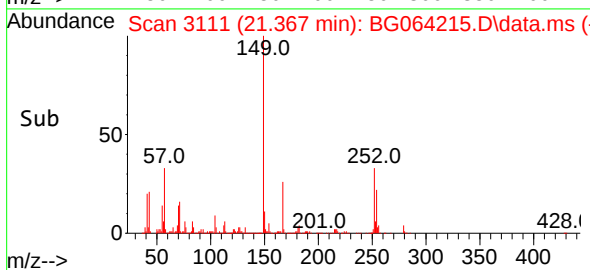
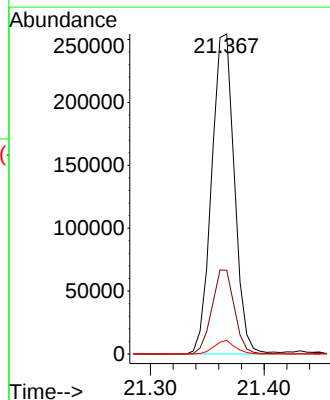
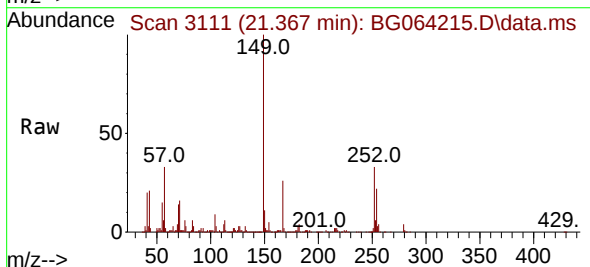
Tgt Ion:149 Resp: 353307

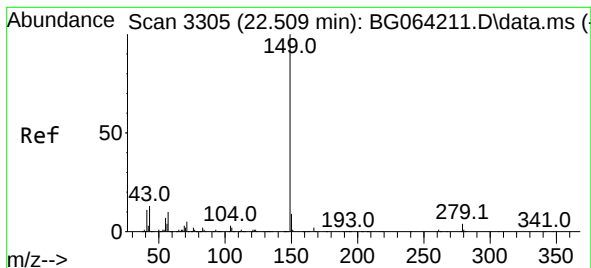
Ion Ratio Lower Upper

149 100

167 26.2 21.0 31.4

279 4.3 2.3 3.5#





#85

Di-n-octyl phthalate

Concen: 38.359 ng

RT: 22.507 min Scan# 31

Delta R.T. -0.002 min

Lab File: BG064215.D

Acq: 27 Aug 2025 17:39

Instrument :

BNA\_G

ClientSampleId :

ICVBG082725

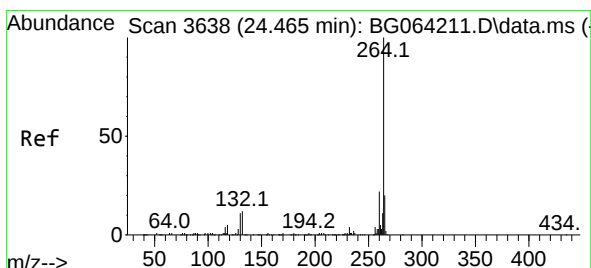
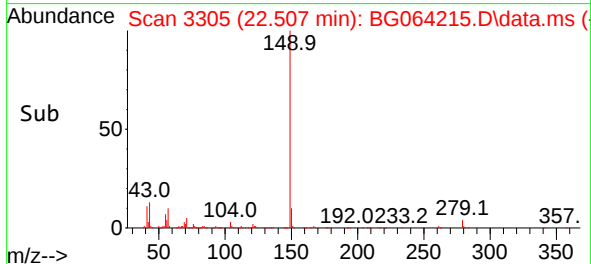
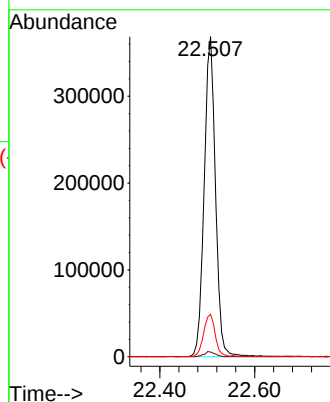
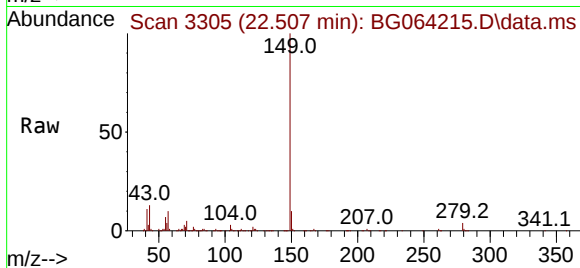
Tgt Ion:149 Resp: 610903

Ion Ratio Lower Upper

149 100

167 1.5 1.3 1.9

43 13.8 10.8 16.2



#86

Perylene-d12

Concen: 20.000 ng

RT: 24.458 min Scan# 3637

Delta R.T. -0.008 min

Lab File: BG064215.D

Acq: 27 Aug 2025 17:39

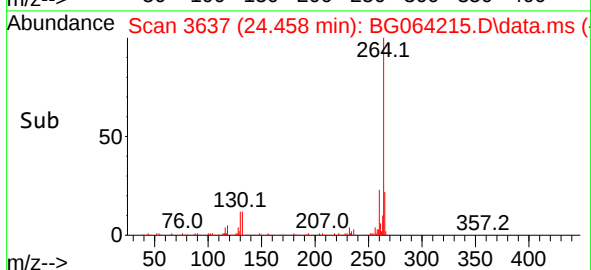
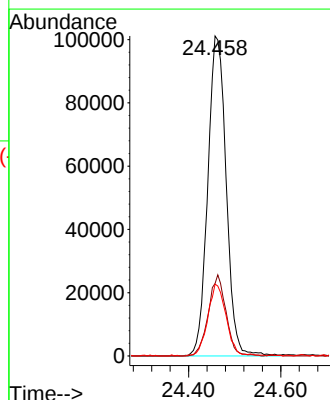
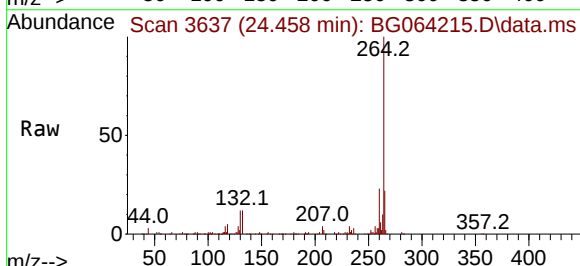
Tgt Ion:264 Resp: 281164

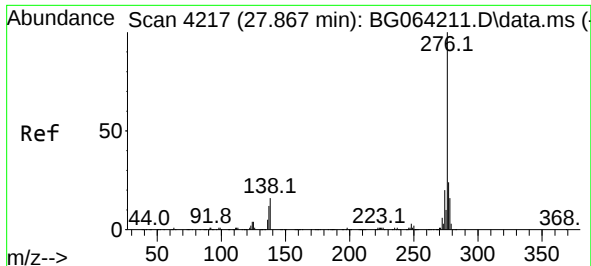
Ion Ratio Lower Upper

264 100

260 22.6 18.0 27.0

265 22.4 16.3 24.5

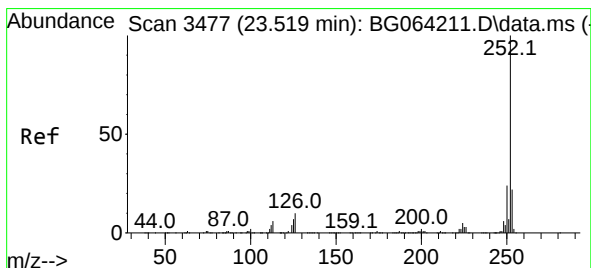
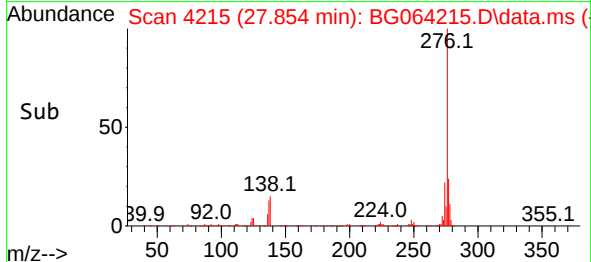
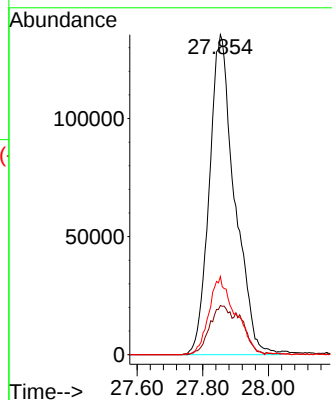
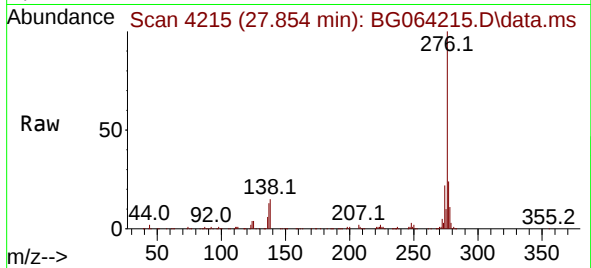




#87  
 Indeno(1,2,3-cd)pyrene  
 Concen: 38.235 ng  
 RT: 27.854 min Scan# 4215  
 Delta R.T. -0.014 min  
 Lab File: BG064215.D  
 Acq: 27 Aug 2025 17:39

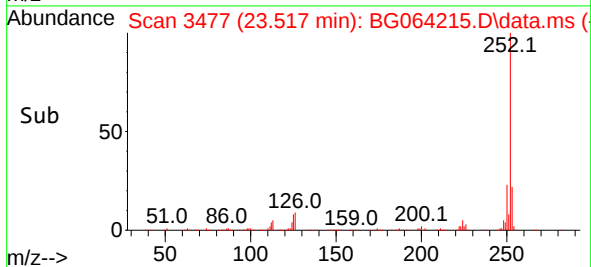
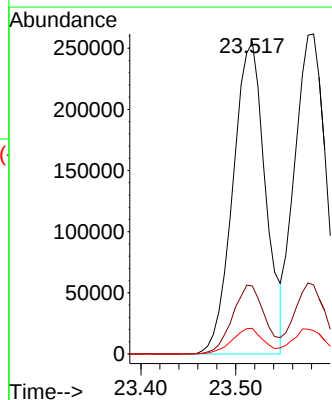
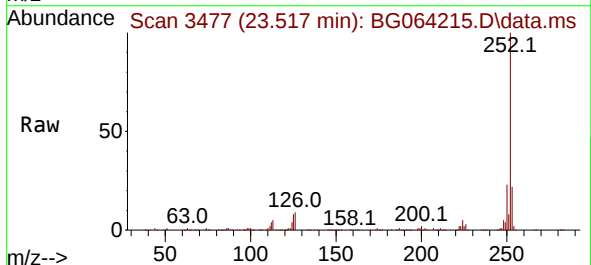
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 BNA\_G  
 ClientSampleId :  
 ICVBG082725

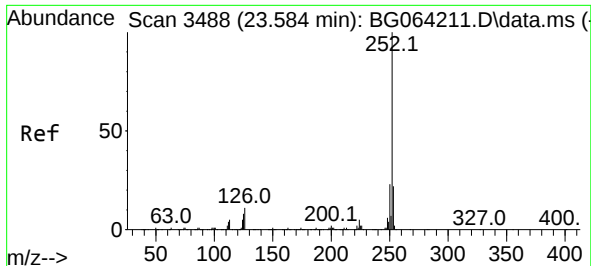
Tgt Ion:276 Resp: 727840  
 Ion Ratio Lower Upper  
 276 100  
 138 13.3 7.9 11.9#  
 277 25.4 20.4 30.6



#88  
 Benzo(b)fluoranthene  
 Concen: 38.479 ng  
 RT: 23.517 min Scan# 3477  
 Delta R.T. -0.002 min  
 Lab File: BG064215.D  
 Acq: 27 Aug 2025 17:39

Tgt Ion:252 Resp: 607803  
 Ion Ratio Lower Upper  
 252 100  
 253 21.8 17.2 25.8  
 125 8.2 5.5 8.3

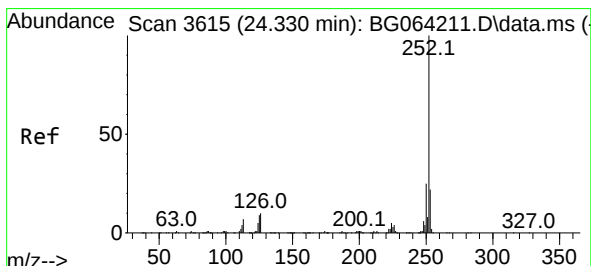
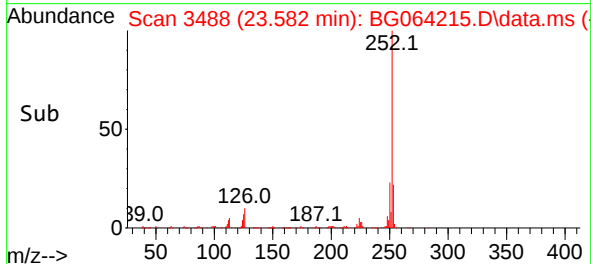
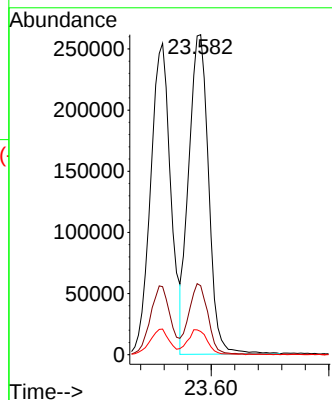
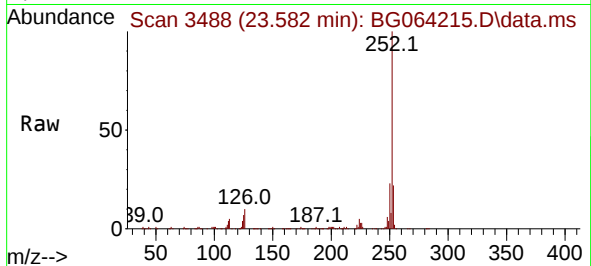




#89  
Benzo(k)fluoranthene  
Concen: 37.573 ng  
RT: 23.582 min Scan# 3488  
Delta R.T. -0.002 min  
Lab File: BG064215.D  
Acq: 27 Aug 2025 17:39

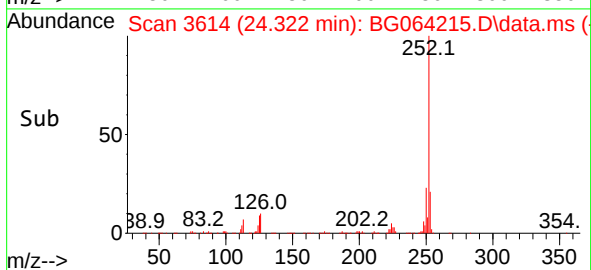
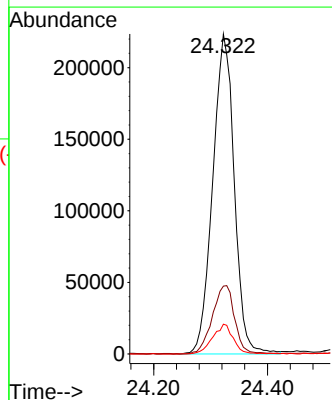
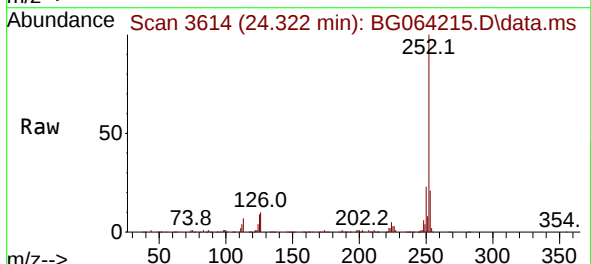
Instrument :  
BNA\_G  
ClientSampleId :  
ICVBG082725

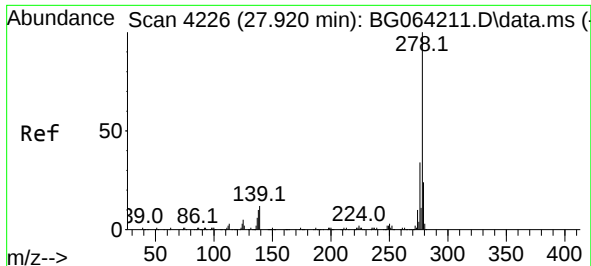
Tgt Ion:252 Resp: 609593  
Ion Ratio Lower Upper  
252 100  
253 21.5 18.1 27.1  
125 7.2 6.6 9.8



#90  
Benzo(a)pyrene  
Concen: 39.865 ng  
RT: 24.322 min Scan# 3614  
Delta R.T. -0.008 min  
Lab File: BG064215.D  
Acq: 27 Aug 2025 17:39

Tgt Ion:252 Resp: 586776  
Ion Ratio Lower Upper  
252 100  
253 21.2 17.7 26.5  
125 9.3 7.4 11.2

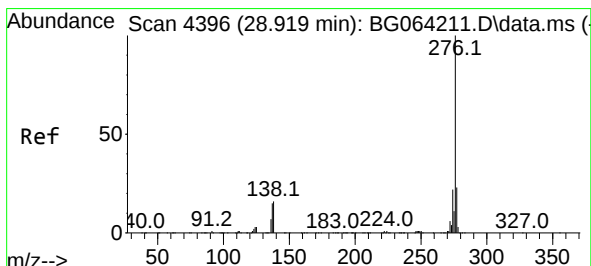
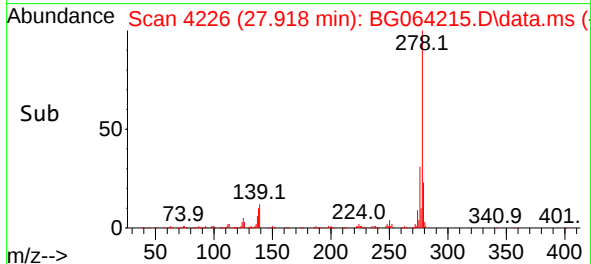
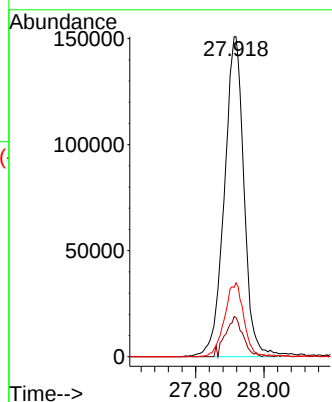
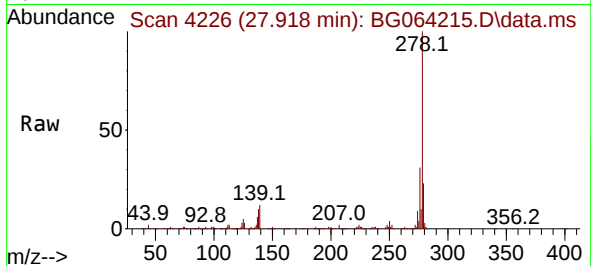




#91  
Dibenzo(a,h)anthracene  
Concen: 39.216 ng  
RT: 27.918 min Scan# 41  
Delta R.T. -0.002 min  
Lab File: BG064215.D  
Acq: 27 Aug 2025 17:39

Instrument :  
BNA\_G  
ClientSampleId :  
ICVBG082725

Tgt Ion:278 Resp: 602337  
Ion Ratio Lower Upper  
278 100  
139 12.2 9.8 14.8  
279 23.1 18.9 28.3



#92  
Benzo(g,h,i)perylene  
Concen: 39.219 ng  
RT: 28.911 min Scan# 4395  
Delta R.T. -0.008 min  
Lab File: BG064215.D  
Acq: 27 Aug 2025 17:39

Tgt Ion:276 Resp: 582270  
Ion Ratio Lower Upper  
276 100  
277 22.8 18.6 27.8  
138 16.1 12.4 18.6

