

Data Path : Z:\svoasrv\HPCHEM1\BNA\_G\Data\BG102925\  
 Data File : BG064627.D  
 Acq On : 29 Oct 2025 17:34  
 Operator : RC/JU  
 Sample : Q3419-02MS  
 Misc :  
 ALS Vial : 11 Sample Multiplier: 1

Instrument :  
 BNA\_G  
 ClientSampleId :  
 PR-132-S16-015094-20251021MS

Quant Time: Oct 30 04:56:57 2025  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_G\Methods\8270-BG102425.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Fri Oct 24 16:40:26 2025  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc    | Units | Dev(Min) |
|-------------------------------|--------|------|----------|---------|-------|----------|
| -----                         |        |      |          |         |       |          |
| Internal Standards            |        |      |          |         |       |          |
| 1) 1,4-Dichlorobenzene-d4     | 8.216  | 152  | 30488    | 20.000  | ng    | 0.00     |
| 21) Naphthalene-d8            | 11.042 | 136  | 121320   | 20.000  | ng    | -0.01    |
| 39) Acenaphthene-d10          | 14.838 | 164  | 93614    | 20.000  | ng    | 0.00     |
| 64) Phenanthrene-d10          | 17.576 | 188  | 229619   | 20.000  | ng    | 0.00     |
| 76) Chrysene-d12              | 21.853 | 240  | 271892   | 20.000  | ng    | #-0.01   |
| 86) Perylene-d12              | 25.191 | 264  | 296767   | 20.000  | ng    | -0.01    |
|                               |        |      |          |         |       |          |
| System Monitoring Compounds   |        |      |          |         |       |          |
| 5) 2-Fluorophenol             | 5.749  | 112  | 173396   | 95.462  | ng    | 0.00     |
| 7) Phenol-d6                  | 7.353  | 99   | 248444   | 99.678  | ng    | 0.00     |
| 23) Nitrobenzene-d5           | 9.380  | 82   | 155421   | 76.945  | ng    | -0.01    |
| 42) 2,4,6-Tribromophenol      | 16.319 | 330  | 166810   | 123.459 | ng    | 0.00     |
| 45) 2-Fluorobiphenyl          | 13.469 | 172  | 372604   | 60.330  | ng    | -0.01    |
| 79) Terphenyl-d14             | 20.167 | 244  | 870859   | 60.445  | ng    | -0.01    |
|                               |        |      |          |         |       |          |
| Target Compounds              |        |      |          |         |       | Qvalue   |
| 2) 1,4-Dioxane                | 3.581  | 88   | 32986    | 41.019  | ng    | 99       |
| 3) Pyridine                   | 3.992  | 79   | 91699    | 37.972  | ng    | 98       |
| 4) n-Nitrosodimethylamine     | 3.898  | 42   | 64506    | 49.810  | ng    | 98       |
| 6) Aniline                    | 7.529  | 93   | 110647   | 32.624  | ng    | 97       |
| 8) 2-Chlorophenol             | 7.776  | 128  | 100885   | 53.064  | ng    | 94       |
| 9) Benzaldehyde               | 7.335  | 77   | 47095    | 34.610  | ng    | 96       |
| 10) Phenol                    | 7.382  | 94   | 133081   | 48.280  | ng    | 96       |
| 11) bis(2-Chloroethyl)ether   | 7.529  | 93   | 110647   | 32.624  | ng    | 99       |
| 12) 1,3-Dichlorobenzene       | 8.111  | 146  | 106607   | 48.719  | ng    | 100      |
| 13) 1,4-Dichlorobenzene       | 8.257  | 146  | 108820   | 48.909  | ng    | 96       |
| 14) 1,2-Dichlorobenzene       | 8.575  | 146  | 107105   | 49.907  | ng    | 97       |
| 15) Benzyl Alcohol            | 8.445  | 79   | 100831   | 49.058  | ng    | 98       |
| 16) 2,2'-oxybis(1-Chloropr... | 8.745  | 45   | 245238   | 46.132  | ng    | 99       |
| 17) 2-Methylphenol            | 8.445  | 107  | 50376    | 49.034  | ng    | 91       |
| 18) Hexachloroethane          | 9.321  | 117  | 40540    | 51.921  | ng    | 97       |
| 19) n-Nitroso-di-n-propyla... | 9.021  | 70   | 83332    | 48.377  | ng    | 98       |
| 20) 3+4-Methylphenols         | 8.974  | 107  | 125652   | 48.821  | ng    | 98       |
| 22) Acetophenone              | 9.039  | 105  | 180237   | 54.347  | ng    | 95       |
| 24) Nitrobenzene              | 9.421  | 77   | 121561   | 55.332  | ng    | 95       |
| 25) Isophorone                | 9.955  | 82   | 240580   | 49.637  | ng    | 98       |
| 26) 2-Nitrophenol             | 10.138 | 139  | 54118    | 62.810  | ng    | 93       |
| 27) 2,4-Dimethylphenol        | 10.196 | 122  | 103937   | 56.519  | ng    | 88       |
| 28) bis(2-Chloroethoxy)met... | 10.431 | 93   | 132986   | 48.190  | ng    | 97       |
| 29) 2,4-Dichlorophenol        | 10.678 | 162  | 109647   | 56.512  | ng    | 99       |
| 30) 1,2,4-Trichlorobenzene    | 10.901 | 180  | 120137   | 54.496  | ng    | 96       |
| 31) Naphthalene               | 11.095 | 128  | 328094   | 48.777  | ng    | 100      |
| 32) Benzoic acid              | 10.320 | 122  | 89978    | 65.009  | ng    | 90       |
| 33) 4-Chloroaniline           | 11.183 | 127  | 56519    | 21.618  | ng    | 98       |
| 34) Hexachlorobutadiene       | 11.383 | 225  | 89758    | 52.062  | ng    | 93       |
| 35) Caprolactam               | 11.947 | 113  | 19168    | 25.758  | ng    | # 89     |
| 36) 4-Chloro-3-methylphenol   | 12.288 | 107  | 122640   | 52.585  | ng    | 96       |
| 37) 2-Methylnaphthalene       | 12.688 | 142  | 224108   | 45.380  | ng    | 100      |
| 38) 1-Methylnaphthalene       | 12.905 | 142  | 231684   | 47.679  | ng    | 95       |
| 40) 1,2,4,5-Tetrachloroben... | 13.046 | 216  | 181893   | 57.895  | ng    | 99       |
| 41) Hexachlorocyclopentadiene | 13.034 | 237  | 218323   | 154.388 | ng    | 99       |
| 43) 2,4,6-Trichlorophenol     | 13.275 | 196  | 105398   | 58.649  | ng    | 97       |

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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Fri Oct 24 16:40:26 2025  
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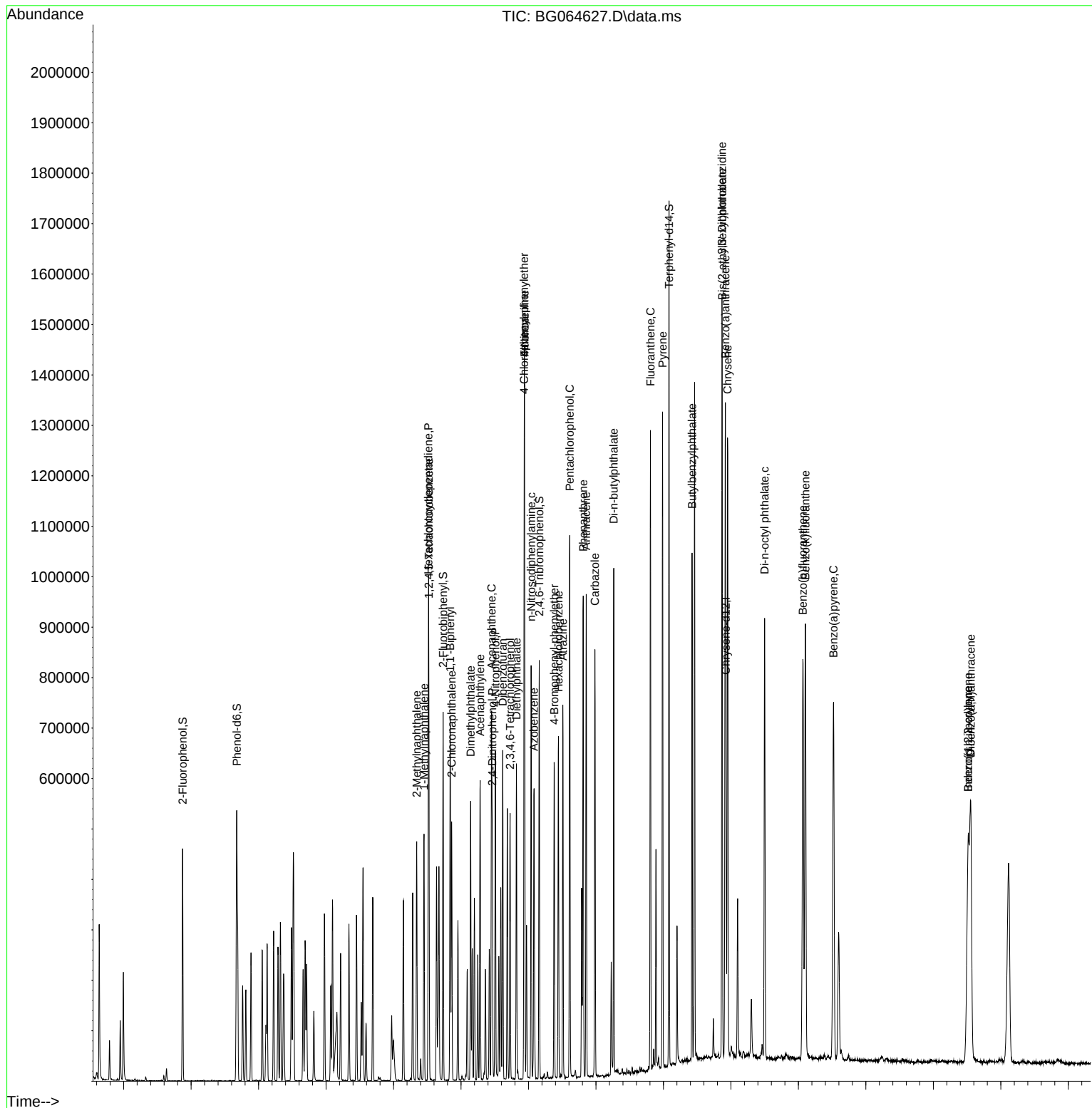
| Compound                      | R.T.   | QIon | Response | Conc    | Units | Dev(Min) |
|-------------------------------|--------|------|----------|---------|-------|----------|
| 44) 2,4,5-Trichlorophenol     | 13.346 | 196  | 114236   | 55.084  | ng    | 99       |
| 46) 1,1'-Biphenyl             | 13.680 | 154  | 374605   | 56.287  | ng    | 98       |
| 47) 2-Chloronaphthalene       | 13.722 | 162  | 251555   | 50.074  | ng    | 98       |
| 48) 2-Nitroaniline            | 13.910 | 65   | 95513    | 56.055  | ng    | 95       |
| 49) Acenaphthylene            | 14.568 | 152  | 452550   | 57.112  | ng    | 99       |
| 50) Dimethylphthalate         | 14.286 | 163  | 362240   | 50.569  | ng    | 98       |
| 51) 2,6-Dinitrotoluene        | 14.397 | 165  | 72717    | 60.623  | ng    | 97       |
| 52) Acenaphthene              | 14.903 | 154  | 312776   | 57.775  | ng    | 99       |
| 53) 3-Nitroaniline            | 14.720 | 138  | 50027    | 40.637  | ng    | 98       |
| 54) 2,4-Dinitrophenol         | 14.926 | 184  | 99300    | 132.948 | ng    | # 46     |
| 55) Dibenzofuran              | 15.237 | 168  | 444561   | 50.793  | ng    | 100      |
| 56) 4-Nitrophenol             | 15.020 | 139  | 139148   | 121.914 | ng    | 90       |
| 57) 2,4-Dinitrotoluene        | 15.179 | 165  | 108193   | 58.491  | ng    | 99       |
| 58) Fluorene                  | 15.884 | 166  | 345737   | 50.581  | ng    | 98       |
| 59) 2,3,4,6-Tetrachlorophenol | 15.455 | 232  | 122956   | 62.001  | ng    | 99       |
| 60) Diethylphthalate          | 15.643 | 149  | 365971   | 50.036  | ng    | 98       |
| 61) 4-Chlorophenyl-phenyle... | 15.872 | 204  | 195464   | 50.956  | ng    | 99       |
| 62) 4-Nitroaniline            | 15.884 | 138  | 81463    | 59.481  | ng    | 93       |
| 63) Azobenzene                | 16.160 | 77   | 358981   | 53.492  | ng    | 100      |
| 65) 4,6-Dinitro-2-methylph... | 15.943 | 198  | 67553    | 64.726  | ng    | 94       |
| 66) n-Nitrosodiphenylamine    | 16.078 | 169  | 317977   | 51.265  | ng    | 98       |
| 67) 4-Bromophenyl-phenylether | 16.765 | 248  | 141564   | 52.025  | ng    | 96       |
| 68) Hexachlorobenzene         | 16.888 | 284  | 160884   | 51.826  | ng    | 96       |
| 69) Atrazine                  | 17.018 | 200  | 146978   | 55.064  | ng    | 99       |
| 70) Pentachlorophenol         | 17.223 | 266  | 220117   | 113.709 | ng    | 96       |
| 71) Phenanthrene              | 17.623 | 178  | 634368   | 50.519  | ng    | 99       |
| 72) Anthracene                | 17.711 | 178  | 639545   | 50.069  | ng    | 100      |
| 73) Carbazole                 | 17.970 | 167  | 577061   | 51.232  | ng    | 99       |
| 74) Di-n-butylphthalate       | 18.528 | 149  | 670737   | 51.496  | ng    | 98       |
| 75) Fluoranthene              | 19.615 | 202  | 802773   | 51.033  | ng    | 98       |
| 77) Benzidine                 | 19.779 | 184  | 255069   | 41.873  | ng    | 98       |
| 78) Pyrene                    | 19.973 | 202  | 842015   | 47.400  | ng    | 99       |
| 80) Butylbenzylphthalate      | 20.849 | 149  | 309969   | 57.734  | ng    | 99       |
| 81) Benzo(a)anthracene        | 21.836 | 228  | 915343   | 50.774  | ng    | 99       |
| 82) 3,3'-Dichlorobenzidine    | 21.736 | 252  | 166879   | 27.720  | ng    | 96       |
| 83) Chrysene                  | 21.900 | 228  | 868130   | 50.608  | ng    | 98       |
| 84) Bis(2-ethylhexyl)phtha... | 21.742 | 149  | 450725   | 56.183  | ng    | 98       |
| 85) Di-n-octyl phthalate      | 22.999 | 149  | 774721   | 57.277  | ng    | 99       |
| 87) Indeno(1,2,3-cd)pyrene    | 29.033 | 276  | 1117747  | 51.200  | ng    | # 97     |
| 88) Benzo(b)fluoranthene      | 24.133 | 252  | 914206   | 50.237  | ng    | 99       |
| 89) Benzo(k)fluoranthene      | 24.209 | 252  | 937496   | 51.482  | ng    | 97       |
| 90) Benzo(a)pyrene            | 25.044 | 252  | 883679   | 52.828  | ng    | 100      |
| 91) Dibenzo(a,h)anthracene    | 29.109 | 278  | 916893   | 51.696  | ng    | 98       |
| 92) Benzo(g,h,i)perylene      | 29.033 | 276  | 1117747  | 51.200  | ng    | 98       |

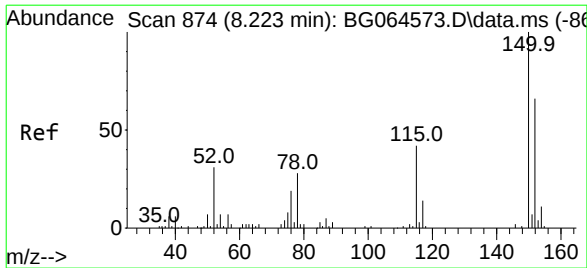
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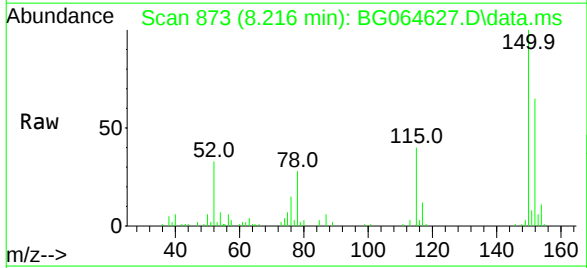
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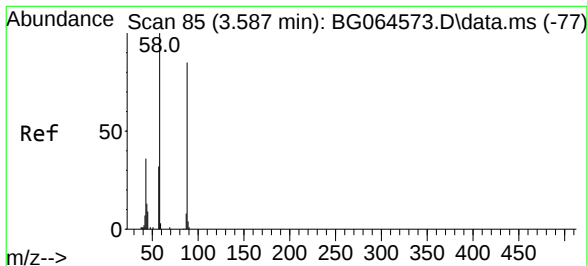
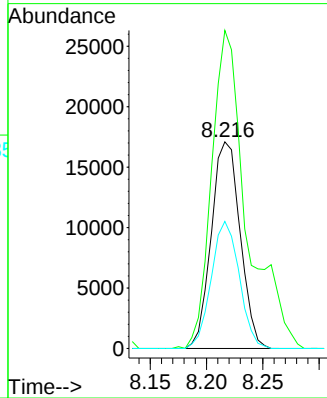
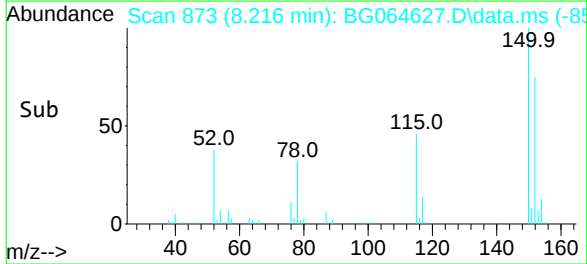


#1  
1,4-Dichlorobenzene-d4  
Concen: 20.000 ng  
RT: 8.216 min Scan# 87  
Delta R.T. -0.005 min  
Lab File: BG064627.D  
Acq: 29 Oct 2025 17:34

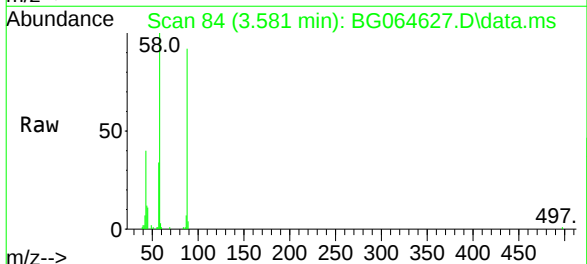
Instrument : BNA\_G  
ClientSampleId : PR-132-S16-015094-20251021MS



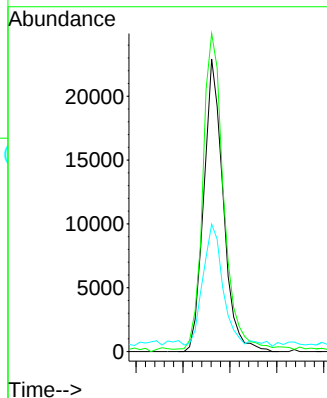
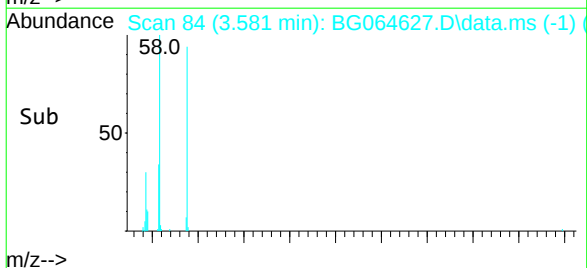
Tgt Ion: 152 Resp: 30488  
Ion Ratio Lower Upper  
152 100  
150 153.9 122.2 183.4  
115 61.5 50.8 76.2

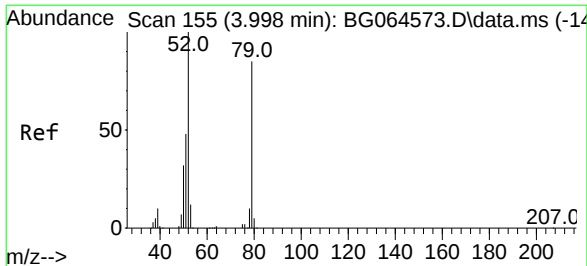


#2  
1,4-Dioxane  
Concen: 41.019 ng  
RT: 3.581 min Scan# 84  
Delta R.T. -0.010 min  
Lab File: BG064627.D  
Acq: 29 Oct 2025 17:34



Tgt Ion: 88 Resp: 32986  
Ion Ratio Lower Upper  
88 100  
58 115.1 92.4 138.6  
43 44.0 33.0 49.6





Pyridine

Concen: 37.972 ng

RT: 3.992 min Scan# 15

Delta R.T. -0.004 min

Lab File: BG064627.D

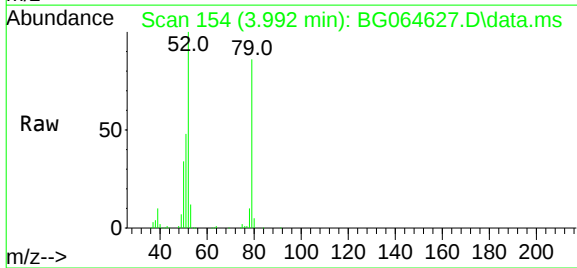
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BNA\_G

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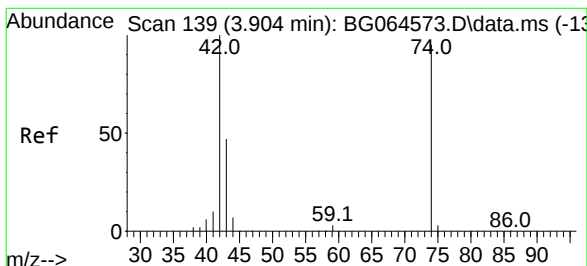
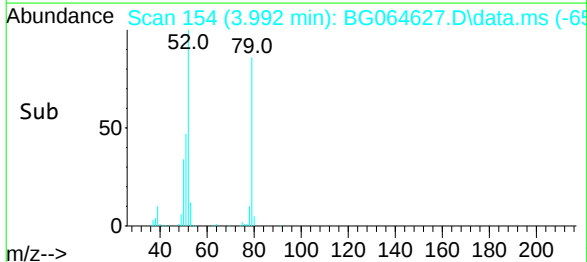
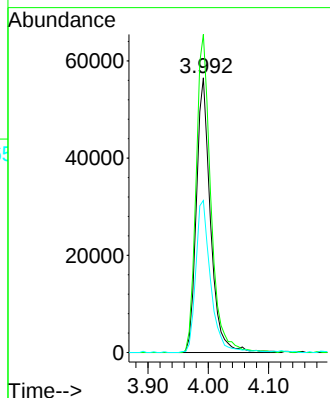
Tgt Ion: 79 Resp: 91699

Ion Ratio Lower Upper

79 100

52 115.8 94.2 141.2

51 55.3 46.1 69.1



n-Nitrosodimethylamine

Concen: 49.810 ng

RT: 3.898 min Scan# 138

Delta R.T. -0.010 min

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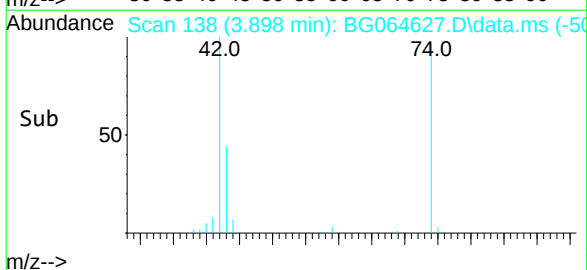
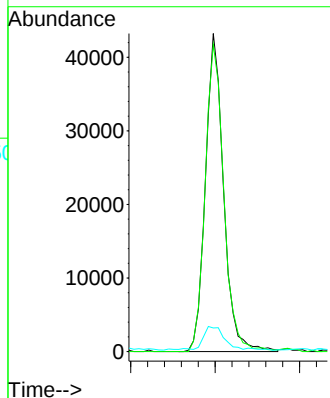
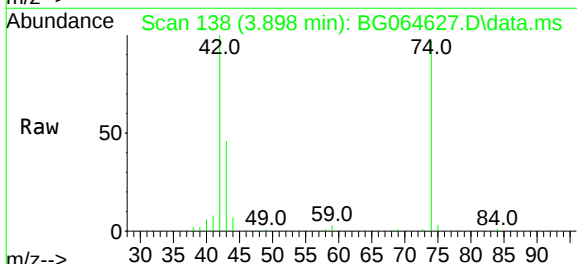
Tgt Ion: 42 Resp: 64506

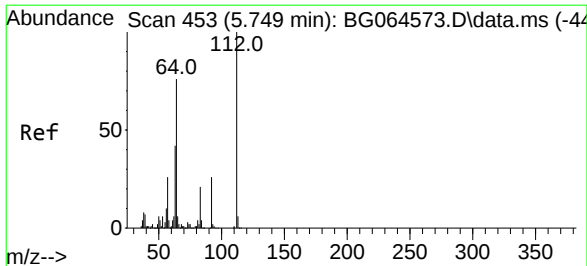
Ion Ratio Lower Upper

42 100

74 96.6 76.1 114.1

44 7.4 6.3 9.5

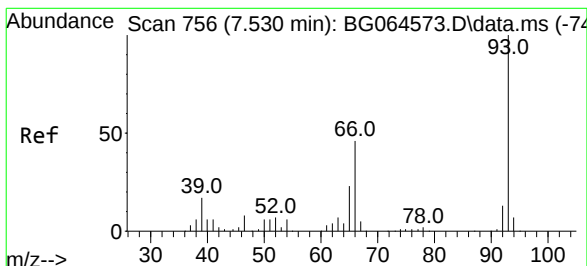
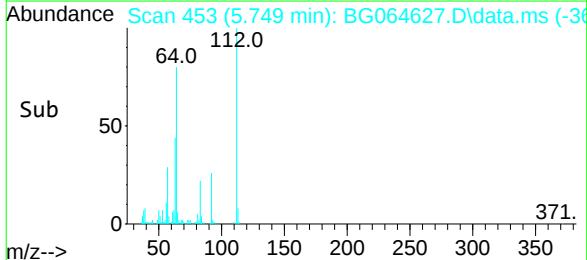
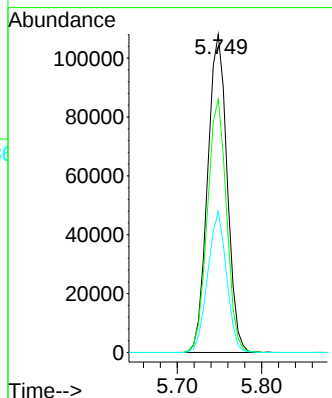
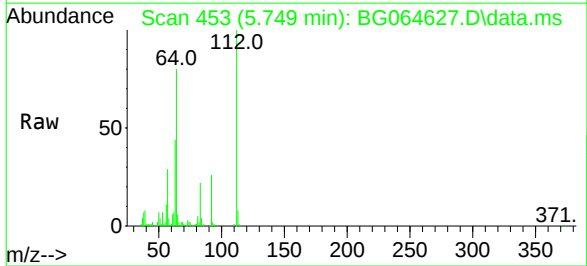




#5  
2-Fluorophenol  
Concen: 95.462 ng  
RT: 5.749 min Scan# 453  
Delta R.T. 0.002 min  
Lab File: BG064627.D  
Acq: 29 Oct 2025 17:34

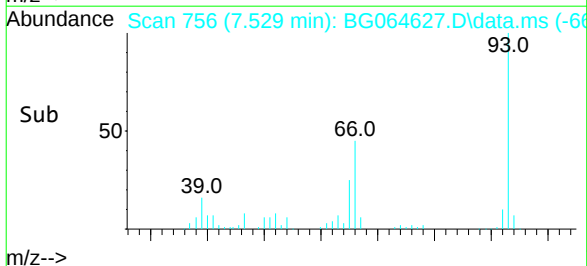
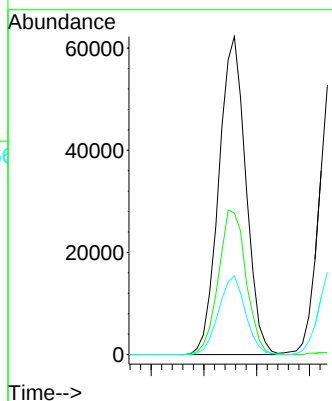
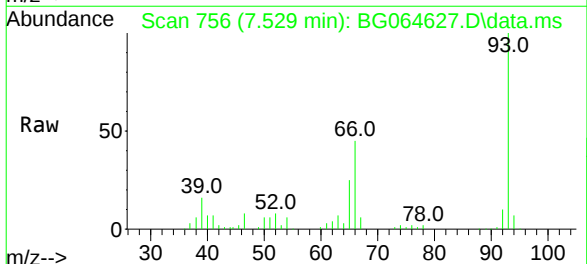
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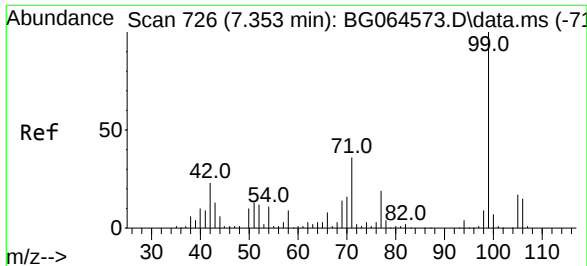
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|----------|-------|-------|--------|
| Tgt Ion: | 112   | Resp: | 173396 |
| Ion      | Ratio | Lower | Upper  |
| 112      | 100   |       |        |
| 64       | 79.6  | 60.7  | 91.1   |
| 63       | 44.4  | 33.4  | 50.0   |



#6  
Aniline  
Concen: 32.624 ng  
RT: 7.529 min Scan# 756  
Delta R.T. -0.004 min  
Lab File: BG064627.D  
Acq: 29 Oct 2025 17:34

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 93    | Resp: | 110647 |
| Ion      | Ratio | Lower | Upper  |
| 93       | 100   |       |        |
| 66       | 44.5  | 37.0  | 55.6   |
| 65       | 24.7  | 18.3  | 27.5   |

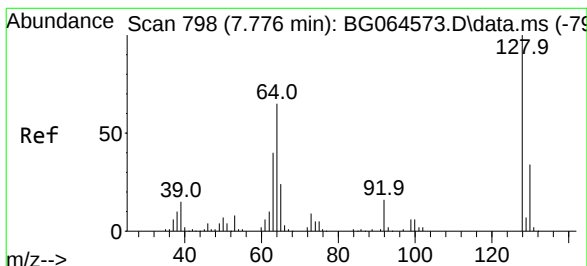
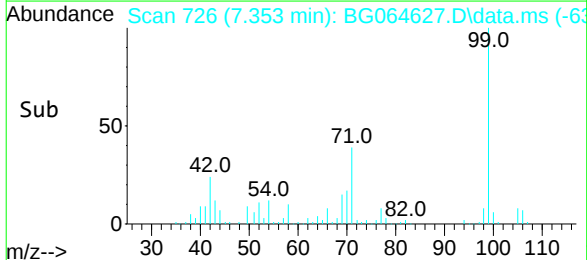
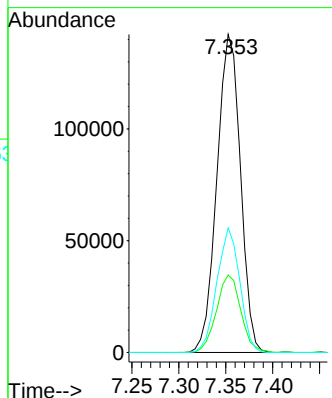
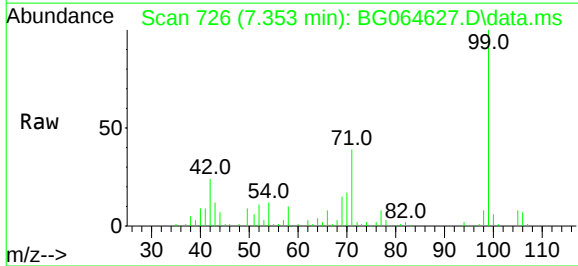




#7  
Phenol-d6  
Concen: 99.678 ng  
RT: 7.353 min Scan# 726  
Delta R.T. -0.004 min  
Lab File: BG064627.D  
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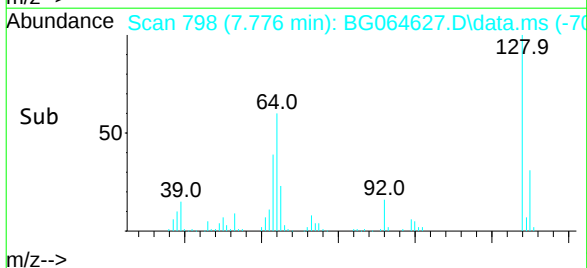
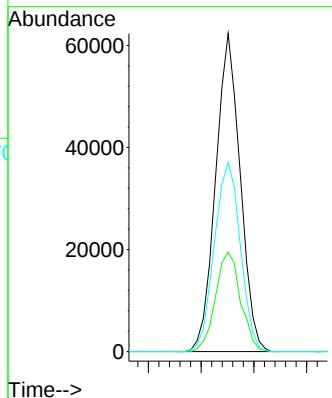
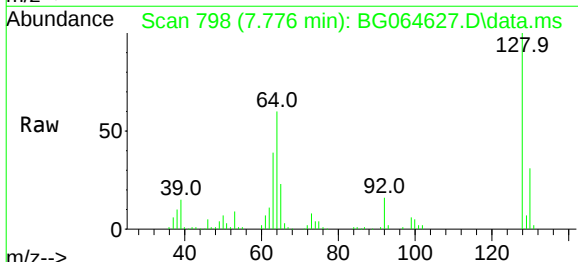
Instrument : BNA\_G  
ClientSampleId : PR-132-S16-015094-20251021MS

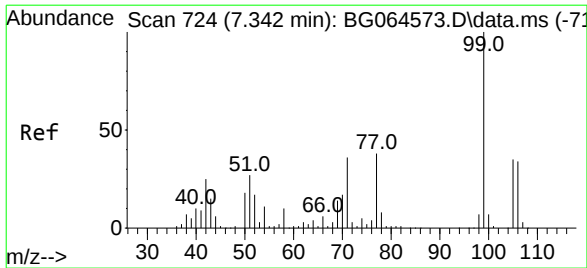
|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 99    | Resp: | 248444 |
| Ion      | Ratio | Lower | Upper  |
| 99       | 100   |       |        |
| 42       | 24.4  | 18.3  | 27.5   |
| 71       | 39.2  | 28.6  | 43.0   |



#8  
2-Chlorophenol  
Concen: 53.064 ng  
RT: 7.776 min Scan# 798  
Delta R.T. -0.004 min  
Lab File: BG064627.D  
Acq: 29 Oct 2025 17:34

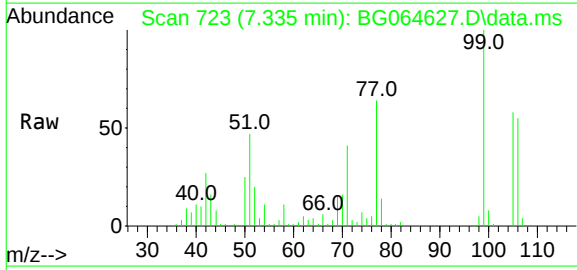
|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 128   | Resp: | 100885 |
| Ion      | Ratio | Lower | Upper  |
| 128      | 100   |       |        |
| 130      | 31.3  | 13.5  | 53.5   |
| 64       | 59.5  | 45.2  | 85.2   |



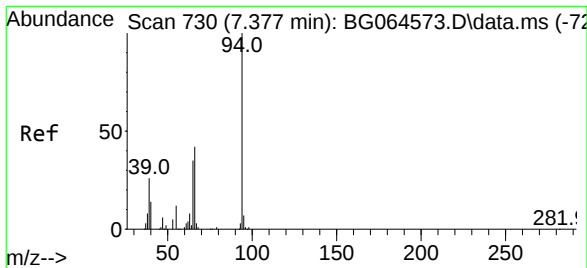
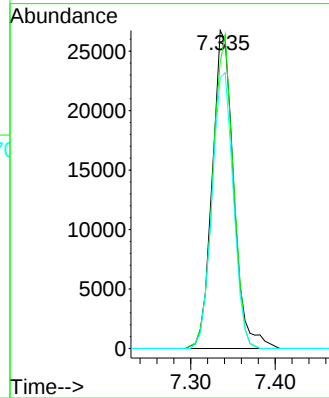
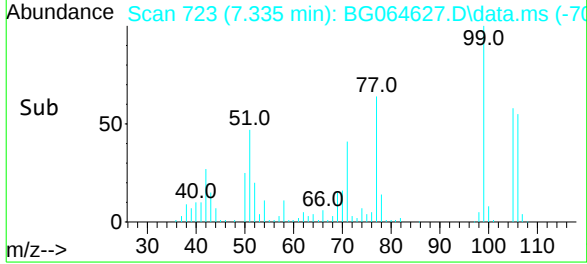


#9  
Benzaldehyde  
Concen: 34.610 ng  
RT: 7.335 min Scan# 724  
Delta R.T. -0.004 min  
Lab File: BG064627.D  
Acq: 29 Oct 2025 17:34

Instrument : BNA\_G  
ClientSampleId : PR-132-S16-015094-20251021MS

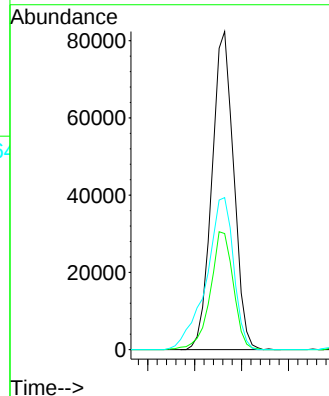
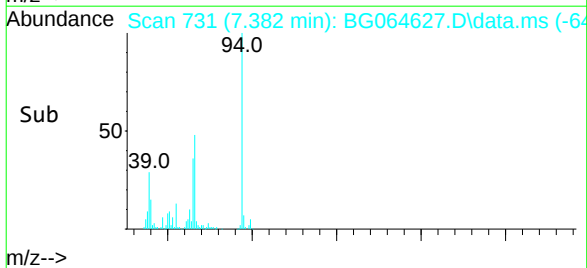
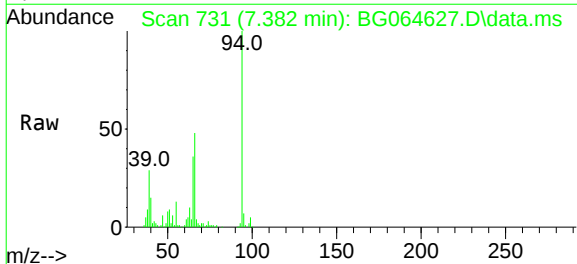


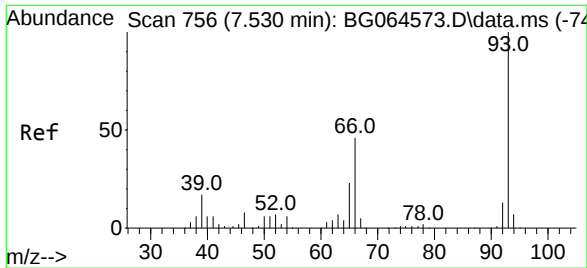
Tgt Ion: 77 Resp: 47095  
Ion Ratio Lower Upper  
77 100  
105 90.0 72.9 112.9  
106 85.1 70.8 110.8



#10  
Phenol  
Concen: 48.280 ng  
RT: 7.382 min Scan# 731  
Delta R.T. -0.004 min  
Lab File: BG064627.D  
Acq: 29 Oct 2025 17:34

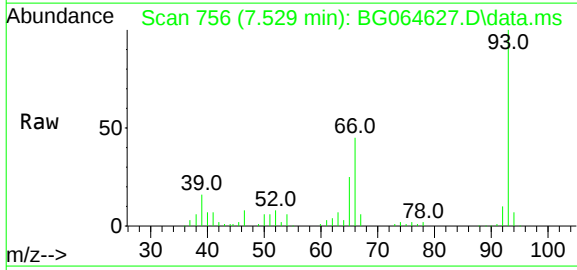
Tgt Ion: 94 Resp: 133081  
Ion Ratio Lower Upper  
94 100  
65 36.5 15.8 55.8  
66 47.8 24.0 64.0



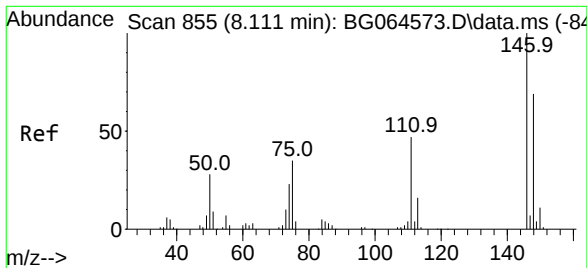
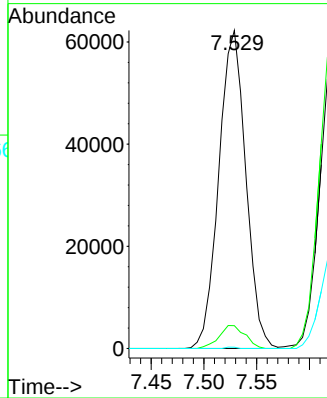
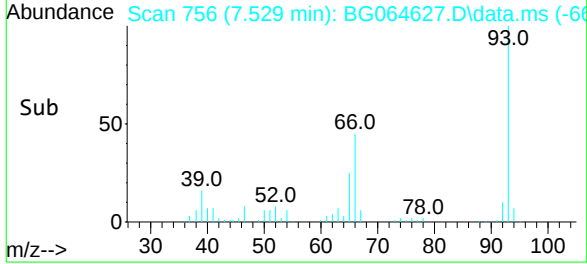


#11  
bis(2-Chloroethyl)ether  
Concen: 32.624 ng  
RT: 7.529 min Scan# 756  
Delta R.T. -0.004 min  
Lab File: BG064627.D  
Acq: 29 Oct 2025 17:34

Instrument :  
BNA\_G  
ClientSampleId :  
PR-132-S16-015094-20251021MS

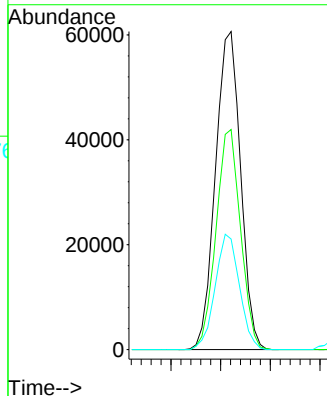
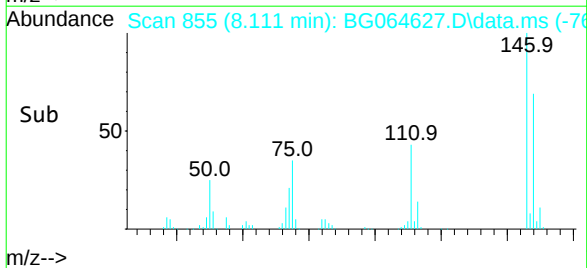
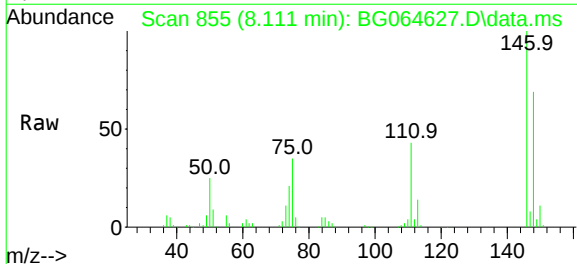


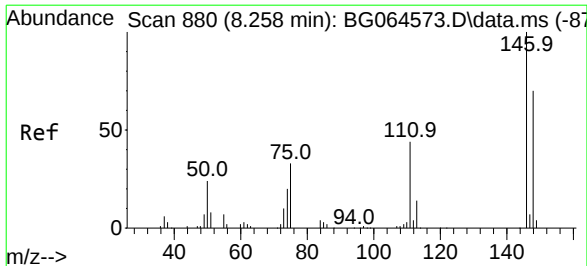
Tgt Ion: 93 Resp: 110647  
Ion Ratio Lower Upper  
93 100  
63 7.2 0.0 27.4  
95 0.4 0.0 20.2



#12  
1,3-Dichlorobenzene  
Concen: 48.719 ng  
RT: 8.111 min Scan# 855  
Delta R.T. 0.002 min  
Lab File: BG064627.D  
Acq: 29 Oct 2025 17:34

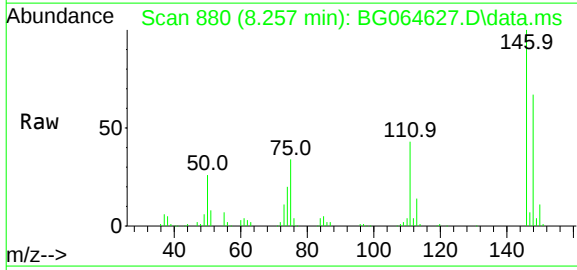
Tgt Ion: 146 Resp: 106607  
Ion Ratio Lower Upper  
146 100  
148 69.2 55.3 82.9  
75 34.8 28.2 42.2



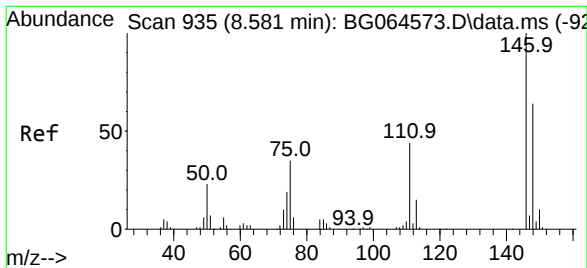
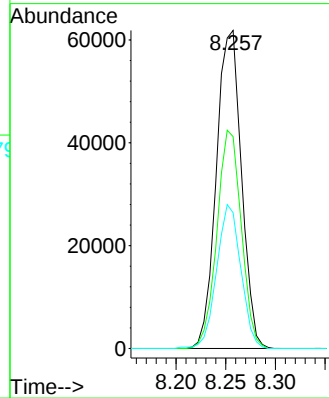
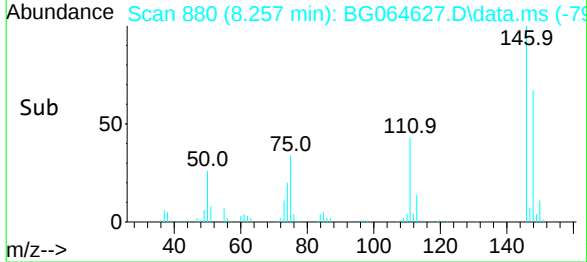


#13  
1,4-Dichlorobenzene  
Concen: 48.909 ng  
RT: 8.257 min Scan# 88  
Delta R.T. 0.002 min  
Lab File: BG064627.D  
Acq: 29 Oct 2025 17:34

Instrument :  
BNA\_G  
ClientSampleId :  
PR-132-S16-015094-20251021MS

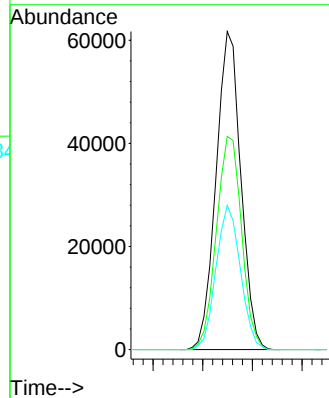
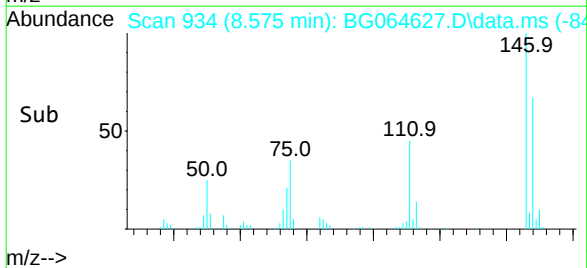
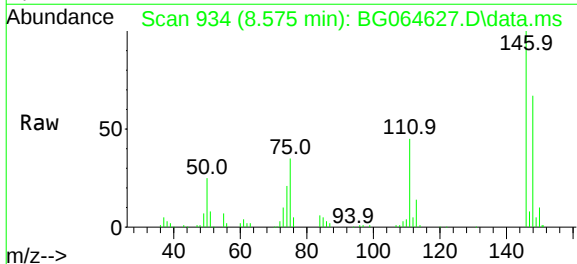


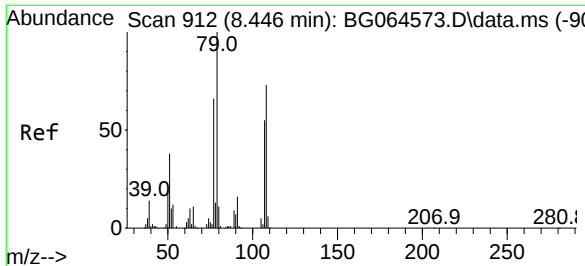
Tgt Ion:146 Resp: 108820  
Ion Ratio Lower Upper  
146 100  
148 66.6 56.2 84.4  
111 42.7 35.4 53.0



#14  
1,2-Dichlorobenzene  
Concen: 49.907 ng  
RT: 8.575 min Scan# 934  
Delta R.T. -0.004 min  
Lab File: BG064627.D  
Acq: 29 Oct 2025 17:34

Tgt Ion:146 Resp: 107105  
Ion Ratio Lower Upper  
146 100  
148 67.1 51.5 77.3  
111 45.3 35.0 52.6

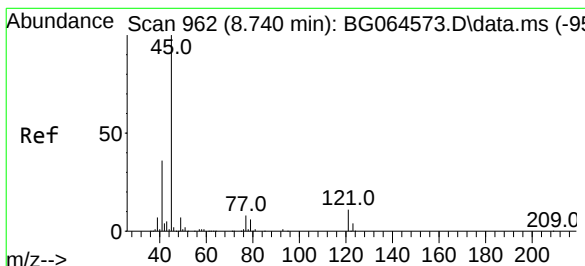
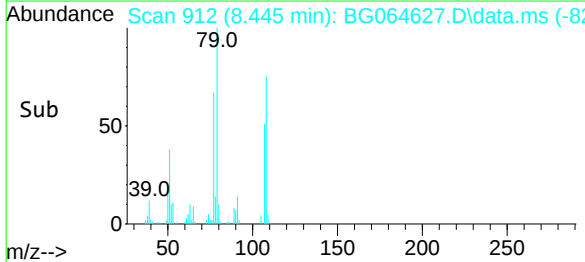
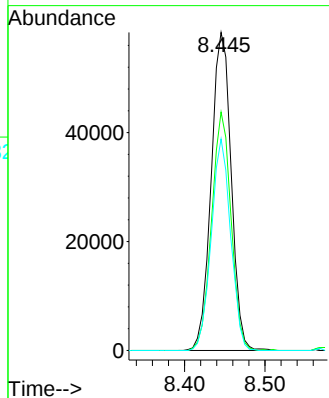
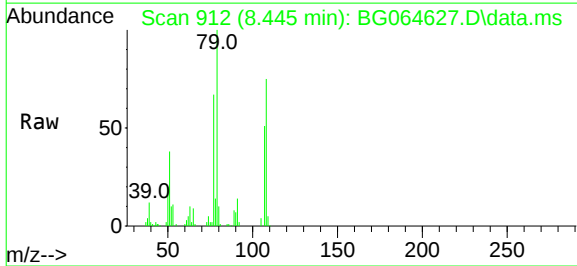




#15  
Benzyl Alcohol  
Concen: 49.058 ng  
RT: 8.445 min Scan# 912  
Delta R.T. -0.010 min  
Lab File: BG064627.D  
Acq: 29 Oct 2025 17:34

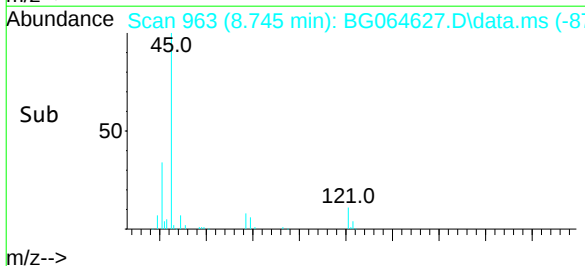
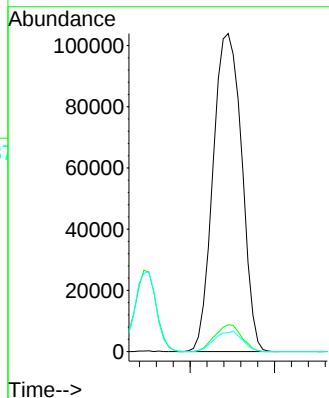
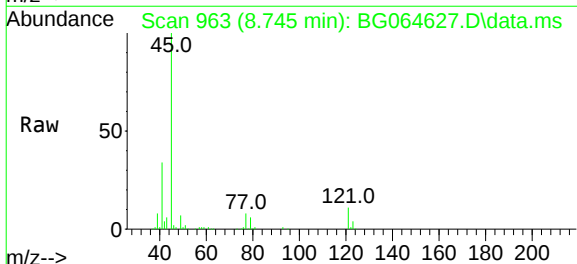
Instrument : BNA\_G  
ClientSampleId : PR-132-S16-015094-20251021MS

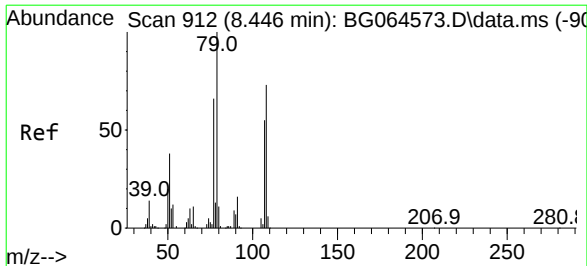
Tgt Ion: 79 Resp: 100831  
Ion Ratio Lower Upper  
79 100  
108 75.0 58.1 87.1  
77 66.5 52.8 79.2



#16  
2,2'-oxybis(1-Chloropropane)  
Concen: 46.132 ng  
RT: 8.745 min Scan# 963  
Delta R.T. 0.002 min  
Lab File: BG064627.D  
Acq: 29 Oct 2025 17:34

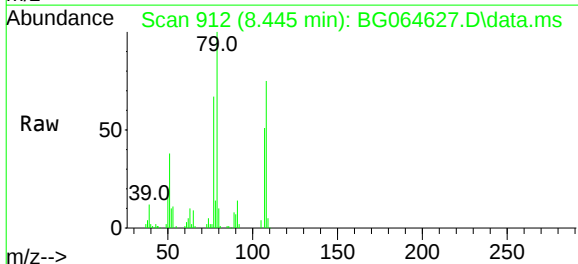
Tgt Ion: 45 Resp: 245238  
Ion Ratio Lower Upper  
45 100  
77 8.4 0.0 28.5  
79 5.9 0.0 25.6



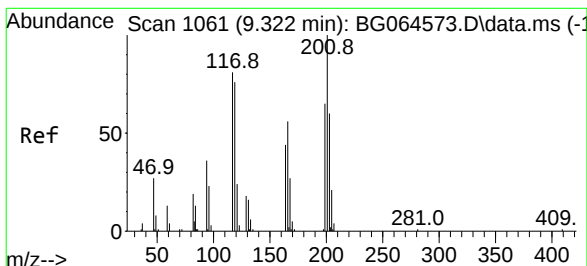
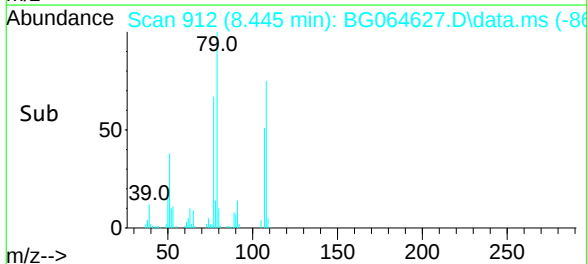
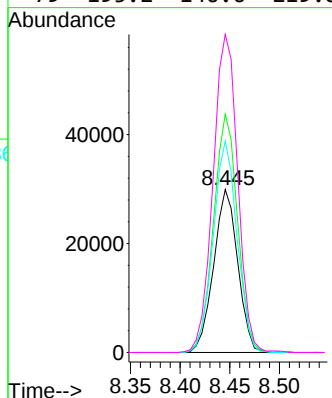


#17  
2-Methylphenol  
Concen: 49.034 ng  
RT: 8.445 min Scan# 912  
Delta R.T. -0.004 min  
Lab File: BG064627.D  
Acq: 29 Oct 2025 17:34

Instrument : BNA\_G  
ClientSampleId : PR-132-S16-015094-20251021MS

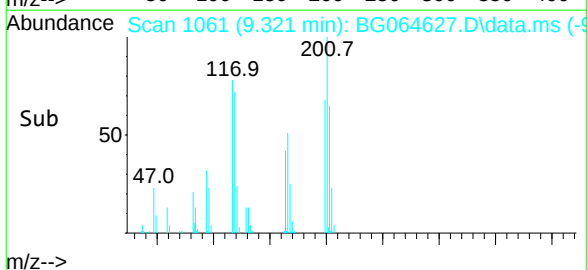
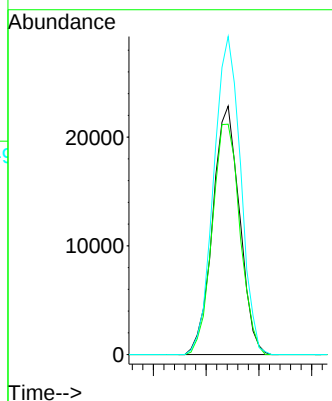
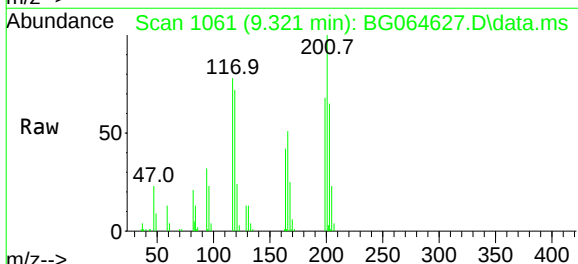


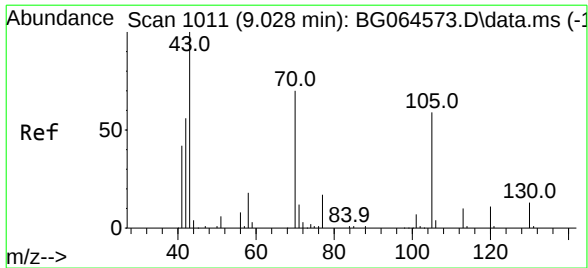
| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 107     | 100   |       |       |
| 108     | 146.3 | 106.4 | 159.6 |
| 77      | 129.8 | 96.7  | 145.1 |
| 79      | 195.2 | 146.6 | 219.8 |



#18  
Hexachloroethane  
Concen: 51.921 ng  
RT: 9.321 min Scan# 1061  
Delta R.T. -0.004 min  
Lab File: BG064627.D  
Acq: 29 Oct 2025 17:34

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 117     | 100   |       |       |
| 119     | 92.7  | 75.4  | 113.2 |
| 201     | 128.0 | 99.2  | 148.8 |

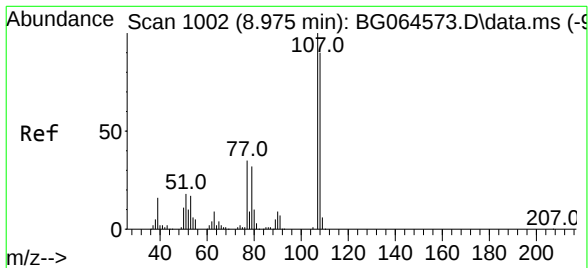
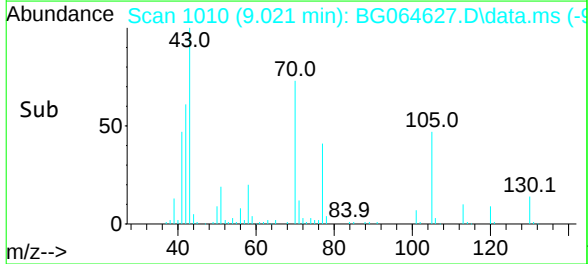
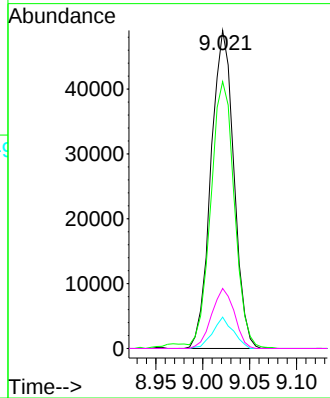
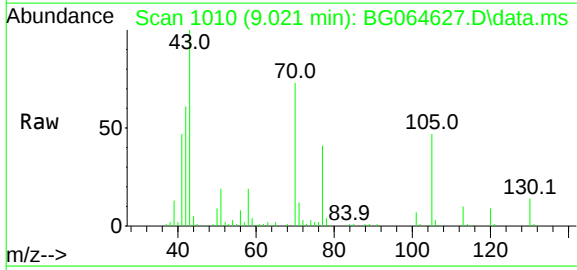




#19  
n-Nitroso-di-n-propylamine  
Concen: 48.377 ng  
RT: 9.021 min Scan# 1011  
Delta R.T. -0.010 min  
Lab File: BG064627.D  
Acq: 29 Oct 2025 17:34

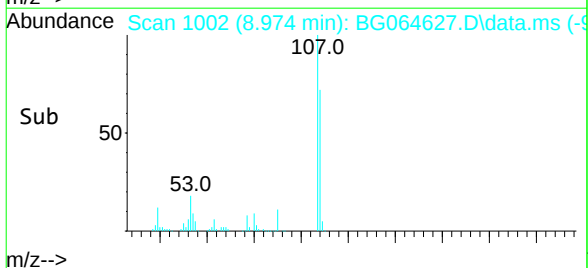
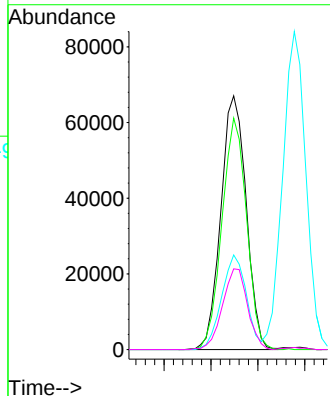
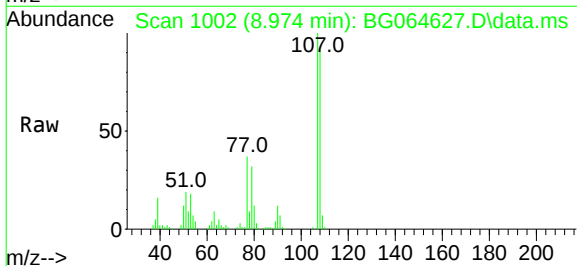
Instrument :  
BNA\_G  
ClientSampleId :  
PR-132-S16-015094-20251021MS

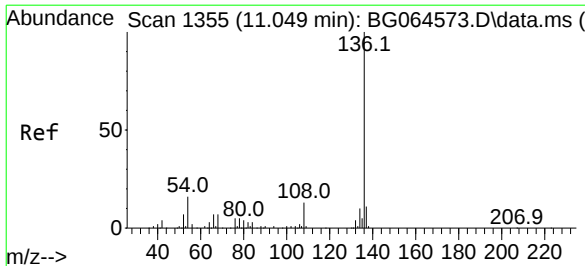
|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 70    | Resp: | 83332 |
| Ion      | Ratio | Lower | Upper |
| 70       | 100   |       |       |
| 42       | 83.9  | 65.2  | 97.8  |
| 101      | 9.9   | 7.9   | 11.9  |
| 130      | 18.9  | 14.3  | 21.5  |



#20  
3+4-Methylphenols  
Concen: 48.821 ng  
RT: 8.974 min Scan# 1002  
Delta R.T. -0.010 min  
Lab File: BG064627.D  
Acq: 29 Oct 2025 17:34

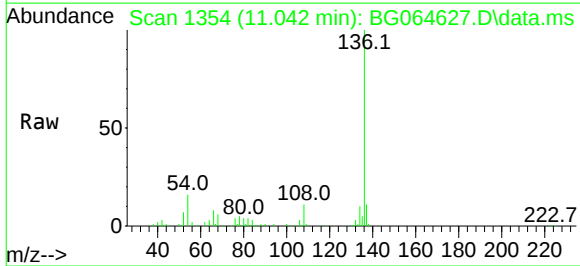
|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 107   | Resp: | 125652 |
| Ion      | Ratio | Lower | Upper  |
| 107      | 100   |       |        |
| 108      | 91.2  | 70.3  | 110.3  |
| 77       | 37.3  | 14.6  | 54.6   |
| 79       | 31.8  | 11.7  | 51.7   |



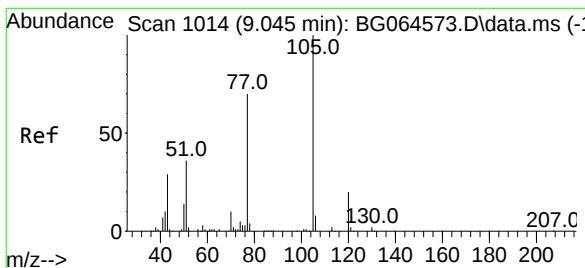
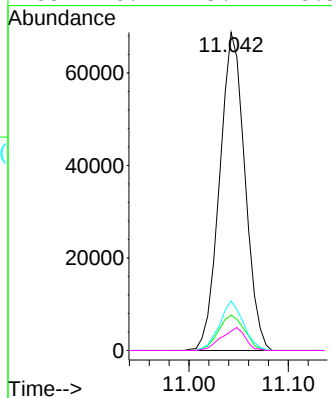
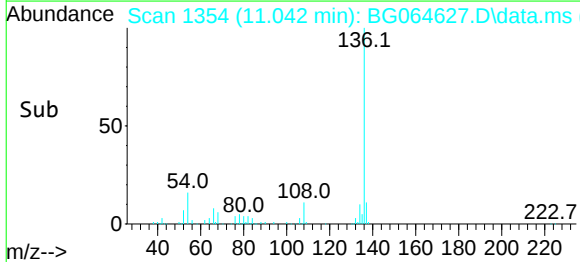


#21  
Naphthalene-d8  
Concen: 20.000 ng  
RT: 11.042 min Scan# 13  
Delta R.T. -0.010 min  
Lab File: BG064627.D  
Acq: 29 Oct 2025 17:34

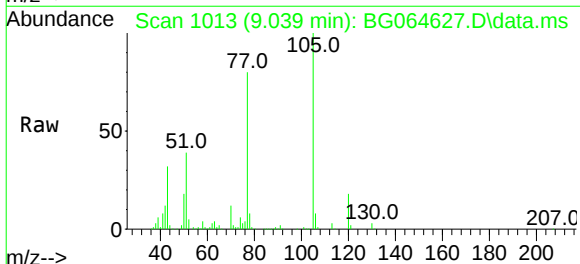
Instrument :  
BNA\_G  
ClientSampleId :  
PR-132-S16-015094-20251021MS



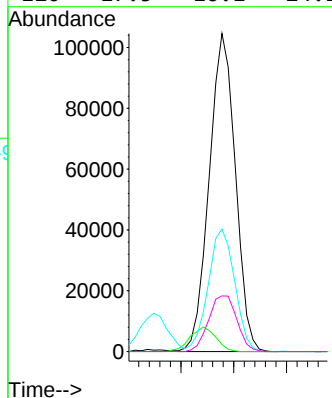
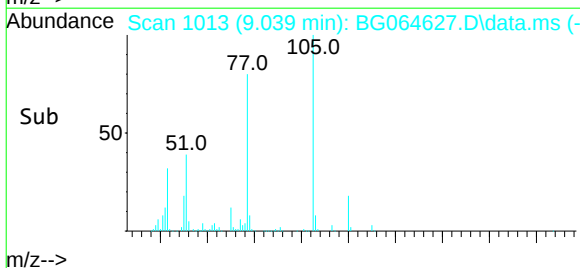
|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 136   | Resp: | 121320 |
| Ion Ratio | Lower | Upper |        |
| 136       | 100   |       |        |
| 137       | 11.1  | 9.2   | 13.8   |
| 54        | 15.6  | 12.6  | 19.0   |
| 68        | 6.1   | 5.7   | 8.5    |

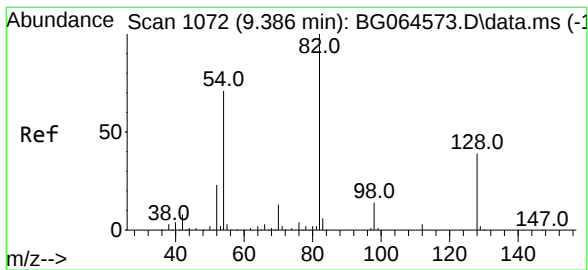


#22  
Acetophenone  
Concen: 54.347 ng  
RT: 9.039 min Scan# 1013  
Delta R.T. -0.010 min  
Lab File: BG064627.D  
Acq: 29 Oct 2025 17:34



|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 105   | Resp: | 180237 |
| Ion Ratio | Lower | Upper |        |
| 105       | 100   |       |        |
| 71        | 2.3   | 1.5   | 2.3    |
| 51        | 38.6  | 33.7  | 50.5   |
| 120       | 17.5  | 16.1  | 24.1   |





#23

Nitrobenzene-d5

Concen: 76.945 ng

RT: 9.380 min Scan# 1071

Delta R.T. -0.010 min

Lab File: BG064627.D

Acq: 29 Oct 2025 17:34

Instrument :

BNA\_G

ClientSampleId :

PR-132-S16-015094-20251021MS

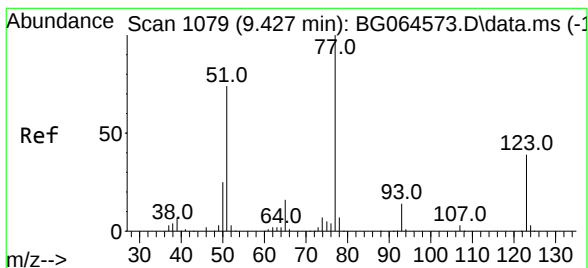
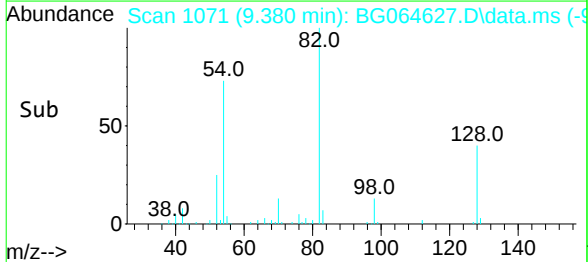
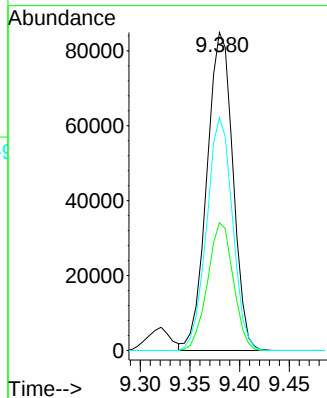
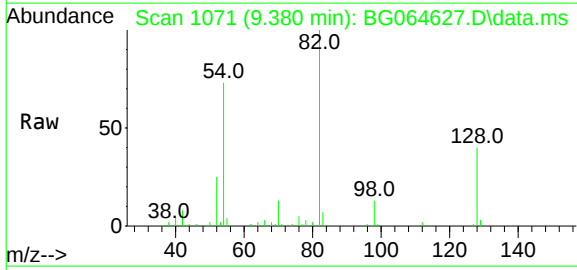
Tgt Ion: 82 Resp: 155421

Ion Ratio Lower Upper

82 100

128 40.2 31.3 46.9

54 73.2 56.6 84.8



#24

Nitrobenzene

Concen: 55.332 ng

RT: 9.421 min Scan# 1078

Delta R.T. -0.010 min

Lab File: BG064627.D

Acq: 29 Oct 2025 17:34

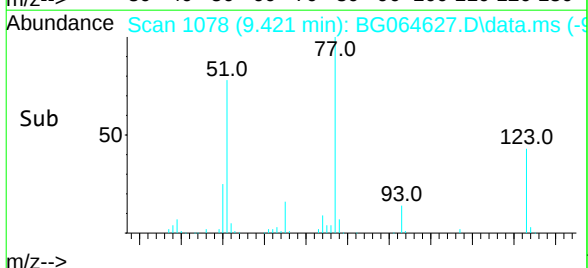
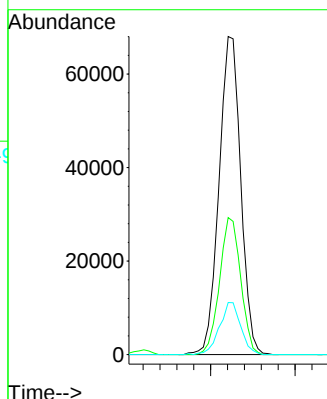
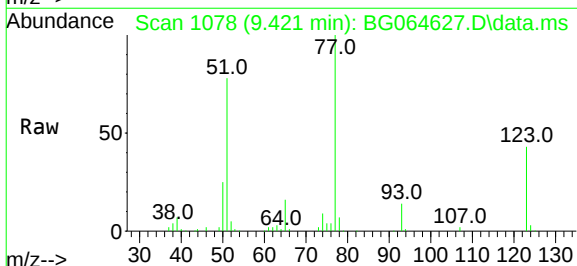
Tgt Ion: 77 Resp: 121561

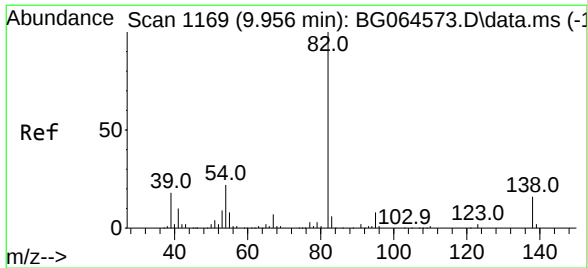
Ion Ratio Lower Upper

77 100

123 43.1 31.0 46.6

65 16.4 12.7 19.1





#25

Isophorone

Concen: 49.637 ng

RT: 9.955 min Scan# 11

Delta R.T. -0.011 min

Lab File: BG064627.D

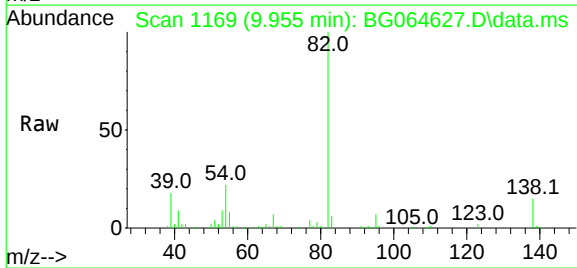
Acq: 29 Oct 2025 17:34

Instrument :

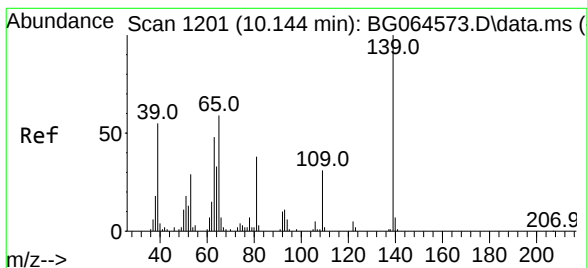
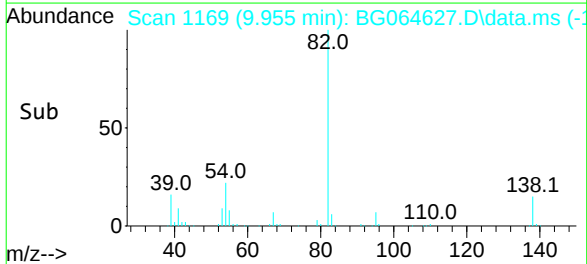
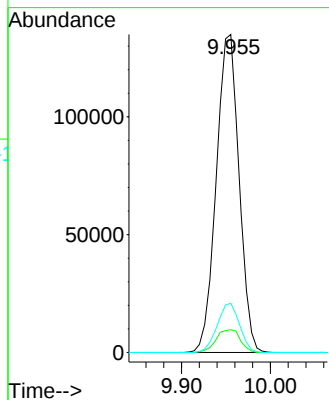
BNA\_G

ClientSampleId :

PR-132-S16-015094-20251021MS



|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 82    | Resp: | 240580 |
| Ion      | Ratio | Lower | Upper  |
| 82       | 100   |       |        |
| 95       | 7.2   | 6.1   | 9.1    |
| 138      | 15.5  | 13.0  | 19.4   |



#26

2-Nitrophenol

Concen: 62.810 ng

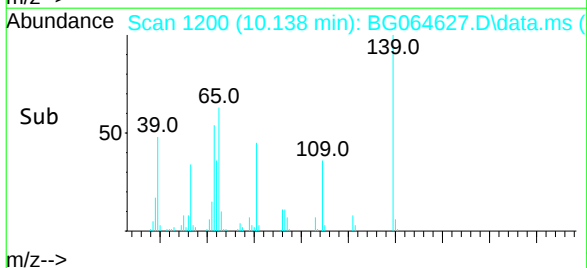
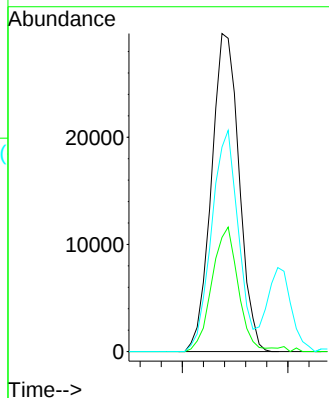
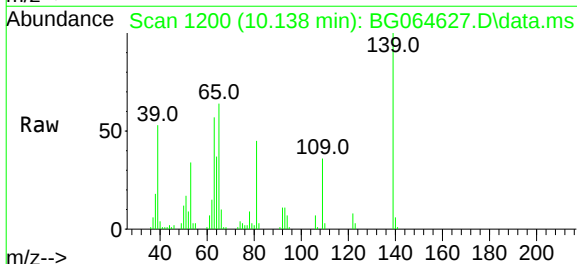
RT: 10.138 min Scan# 1200

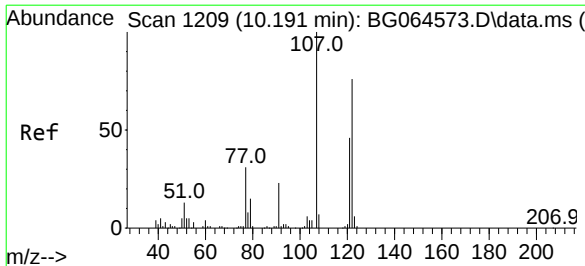
Delta R.T. -0.010 min

Lab File: BG064627.D

Acq: 29 Oct 2025 17:34

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 139   | Resp: | 54118 |
| Ion      | Ratio | Lower | Upper |
| 139      | 100   |       |       |
| 109      | 35.9  | 24.6  | 37.0  |
| 65       | 64.3  | 47.5  | 71.3  |





#27

2,4-Dimethylphenol

Concen: 56.519 ng

RT: 10.196 min Scan# 12

Delta R.T. 0.002 min

Lab File: BG064627.D

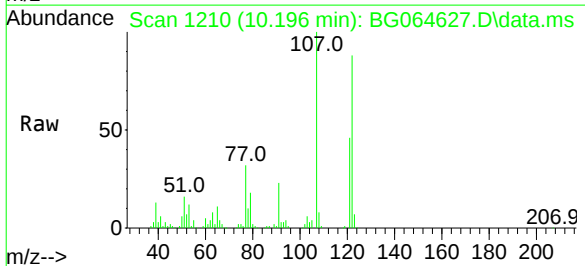
Acq: 29 Oct 2025 17:34

Instrument :

BNA\_G

ClientSampleId :

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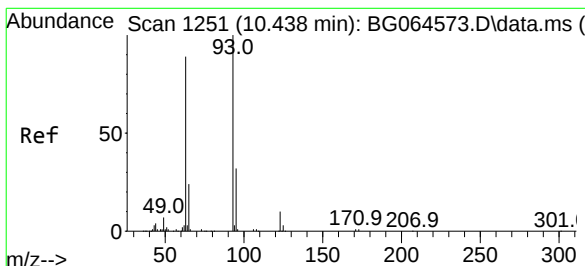
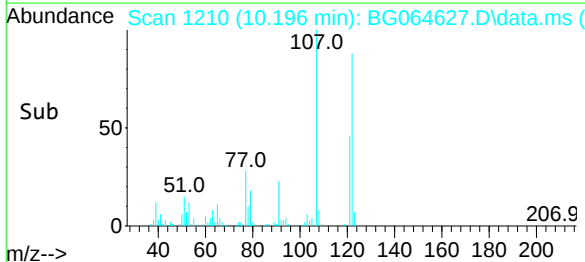
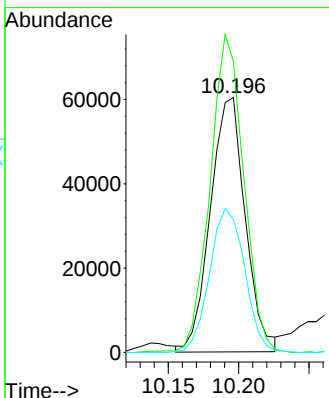
Tgt Ion:122 Resp: 103937

Ion Ratio Lower Upper

122 100

107 114.0 103.0 154.4

121 52.2 47.8 71.8



#28

bis(2-Chloroethoxy)methane

Concen: 48.190 ng

RT: 10.431 min Scan# 1250

Delta R.T. -0.004 min

Lab File: BG064627.D

Acq: 29 Oct 2025 17:34

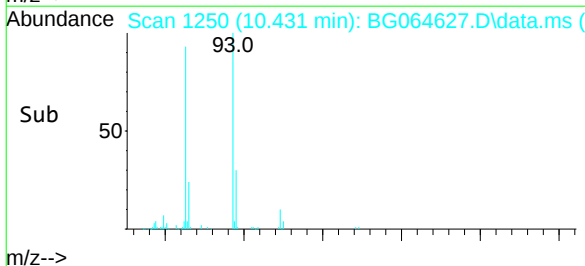
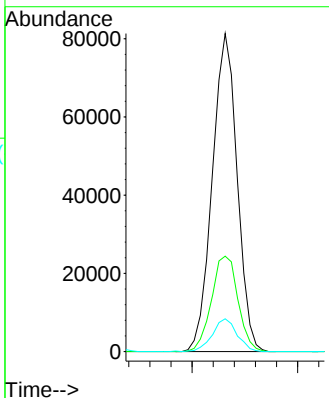
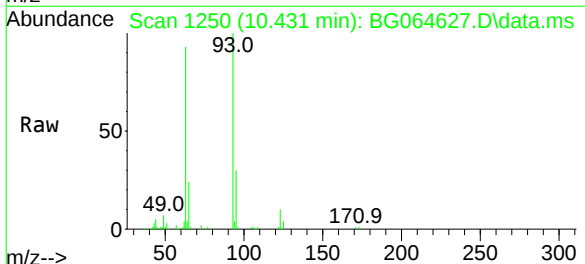
Tgt Ion: 93 Resp: 132986

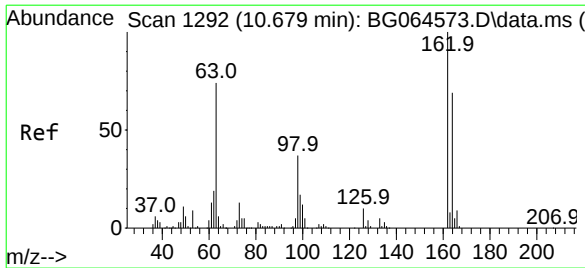
Ion Ratio Lower Upper

93 100

95 30.0 25.4 38.2

123 10.3 8.4 12.6





#29

2,4-Dichlorophenol

Concen: 56.512 ng

RT: 10.678 min Scan# 12

Delta R.T. -0.004 min

Lab File: BG064627.D

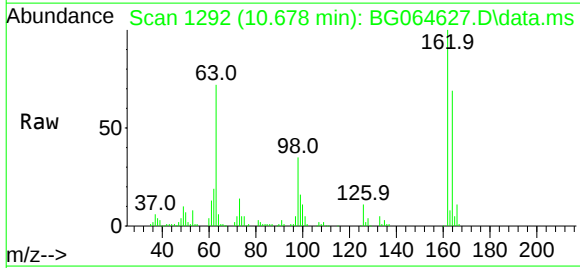
Acq: 29 Oct 2025 17:34

Instrument :

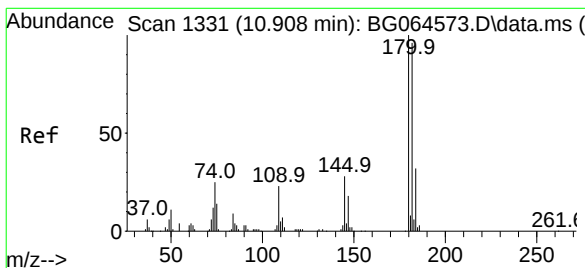
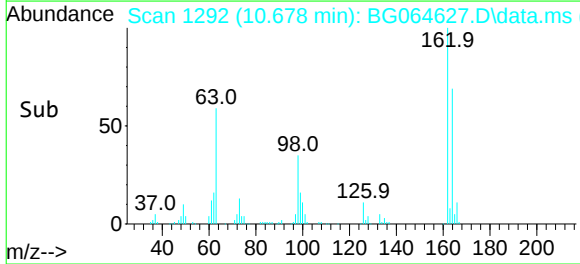
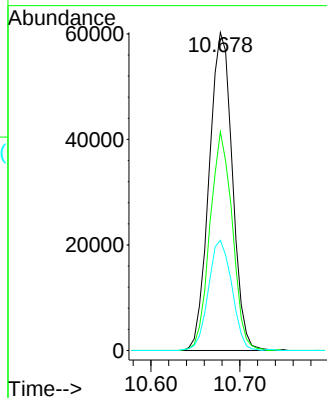
BNA\_G

ClientSampleId :

PR-132-S16-015094-20251021MS



|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 162   | Resp: | 109647 |
| Ion Ratio | Lower | Upper |        |
| 162       | 100   |       |        |
| 164       | 68.8  | 48.7  | 88.7   |
| 98        | 34.6  | 16.9  | 56.9   |



#30

1,2,4-Trichlorobenzene

Concen: 54.496 ng

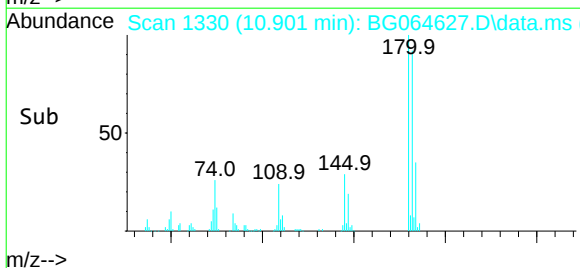
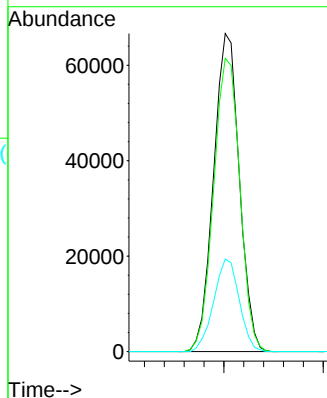
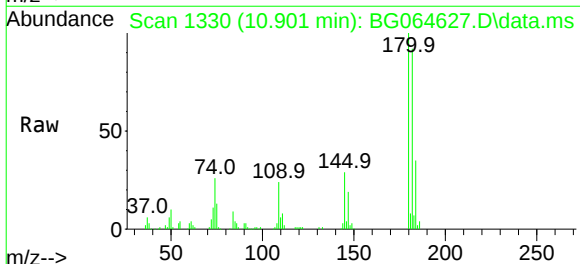
RT: 10.901 min Scan# 1330

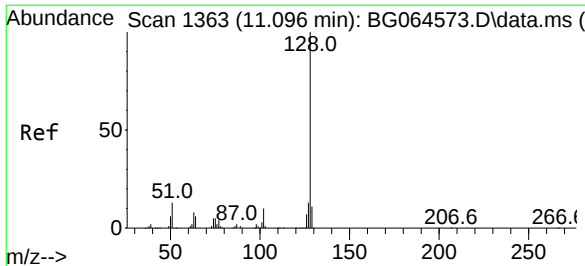
Delta R.T. -0.004 min

Lab File: BG064627.D

Acq: 29 Oct 2025 17:34

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 180   | Resp: | 120137 |
| Ion Ratio | Lower | Upper |        |
| 180       | 100   |       |        |
| 182       | 92.2  | 76.9  | 115.3  |
| 145       | 29.1  | 22.1  | 33.1   |

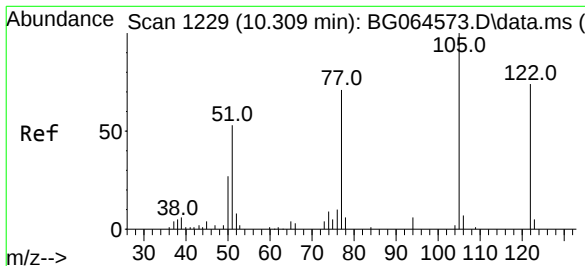
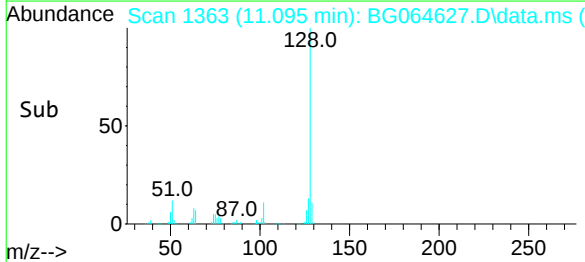
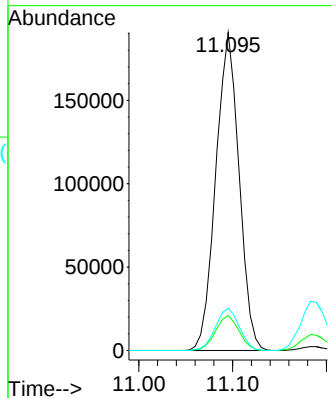
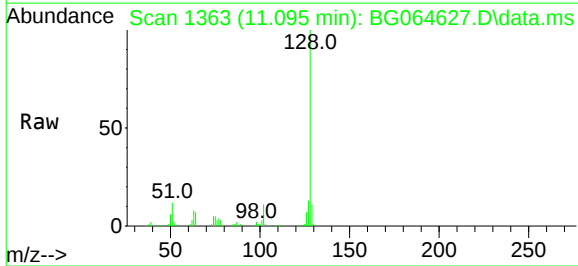




#31  
Naphthalene  
Concen: 48.777 ng  
RT: 11.095 min Scan# 131  
Delta R.T. -0.004 min  
Lab File: BG064627.D  
Acq: 29 Oct 2025 17:34

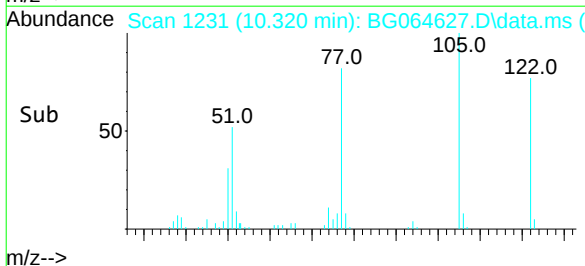
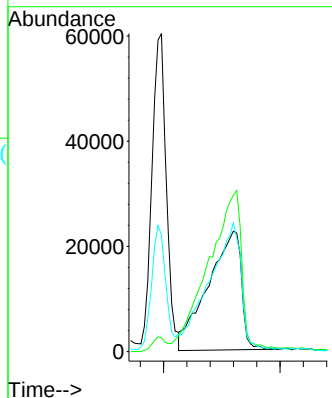
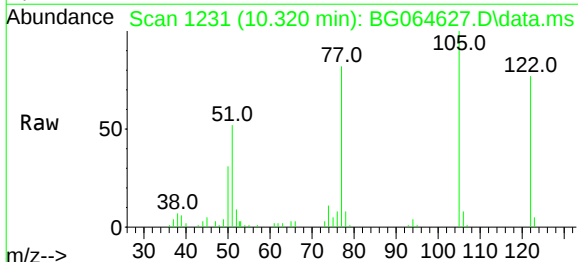
Instrument :  
BNA\_G  
ClientSampleId :  
PR-132-S16-015094-20251021MS

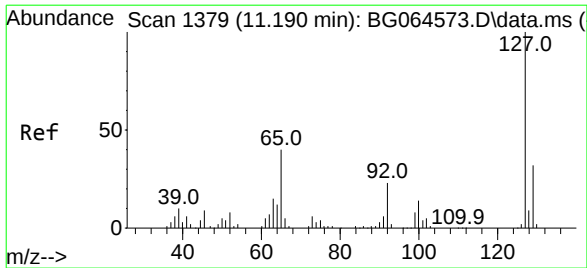
Tgt Ion:128 Resp: 328094  
Ion Ratio Lower Upper  
128 100  
129 11.0 8.8 13.2  
127 13.3 10.6 15.8



#32  
Benzoic acid  
Concen: 65.009 ng  
RT: 10.320 min Scan# 1231  
Delta R.T. -0.022 min  
Lab File: BG064627.D  
Acq: 29 Oct 2025 17:34

Tgt Ion:122 Resp: 89978  
Ion Ratio Lower Upper  
122 100  
105 129.9 104.2 144.2  
77 107.0 70.2 110.2





#33

4-Chloroaniline

Concen: 21.618 ng

RT: 11.183 min Scan# 13

Delta R.T. -0.004 min

Lab File: BG064627.D

Acq: 29 Oct 2025 17:34

Instrument :

BNA\_G

ClientSampleId :

PR-132-S16-015094-20251021MS

Tgt Ion:127 Resp: 56519

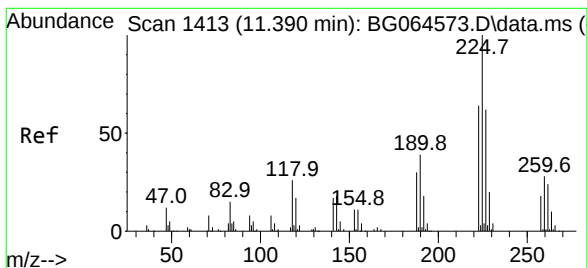
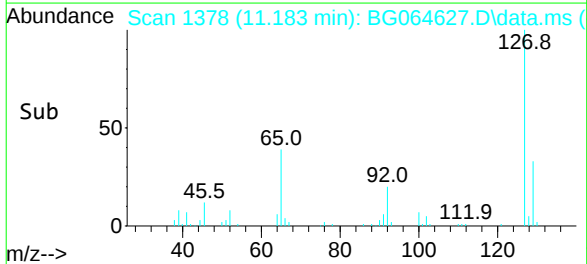
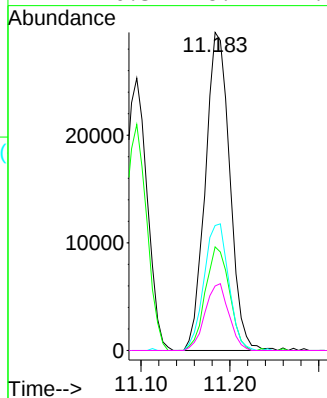
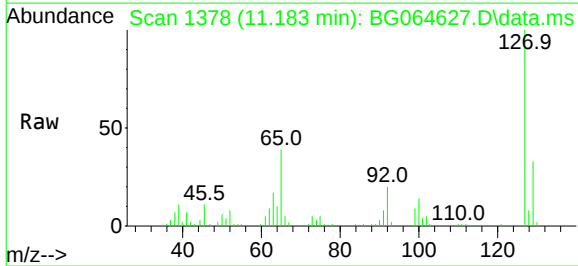
Ion Ratio Lower Upper

127 100

129 32.6 25.5 38.3

65 39.3 32.2 48.4

92 20.3 18.2 27.2



#34

Hexachlorobutadiene

Concen: 52.062 ng

RT: 11.383 min Scan# 1412

Delta R.T. -0.010 min

Lab File: BG064627.D

Acq: 29 Oct 2025 17:34

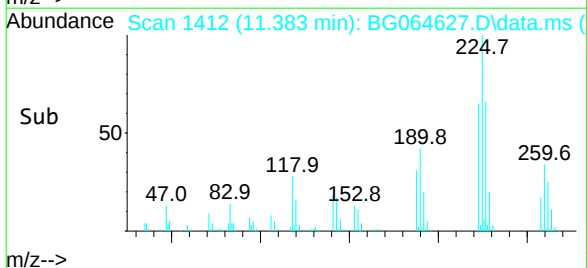
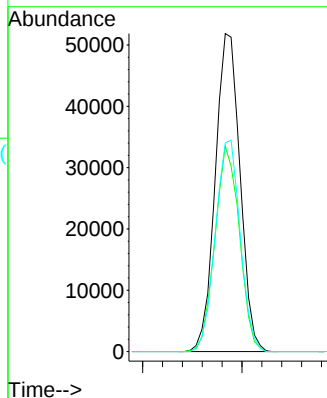
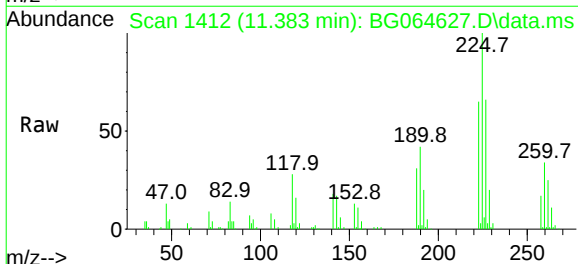
Tgt Ion:225 Resp: 89758

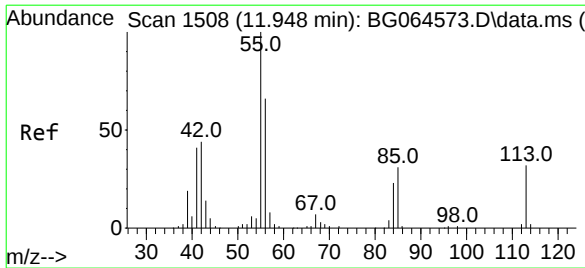
Ion Ratio Lower Upper

225 100

223 64.6 48.8 73.2

227 68.7 49.5 74.3





#35

Caprolactam

Concen: 25.758 ng

RT: 11.947 min Scan# 1508

Delta R.T. -0.028 min

Lab File: BG064627.D

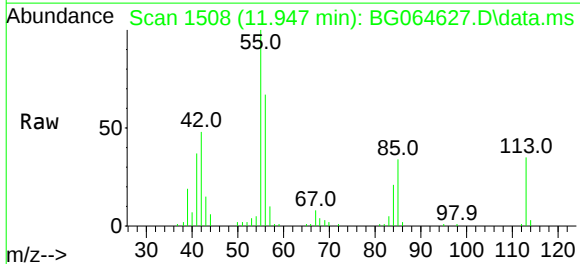
Acq: 29 Oct 2025 17:34

Instrument :

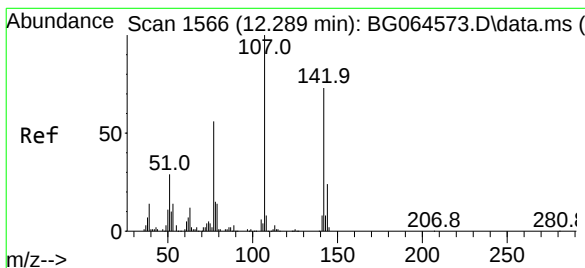
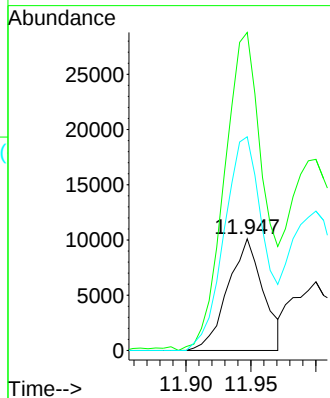
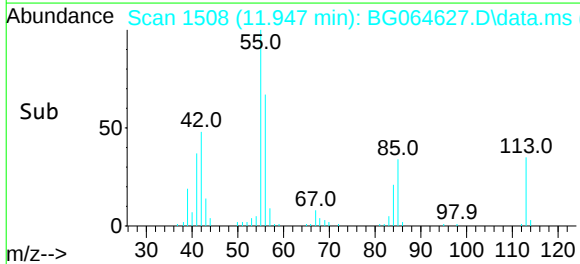
BNA\_G

ClientSampleId :

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|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 113   | Resp: | 19168  |
| Ion      | Ratio | Lower | Upper  |
| 113      | 100   |       |        |
| 55       | 284.8 | 290.1 | 330.1# |
| 56       | 191.4 | 183.8 | 223.8  |



#36

4-Chloro-3-methylphenol

Concen: 52.585 ng

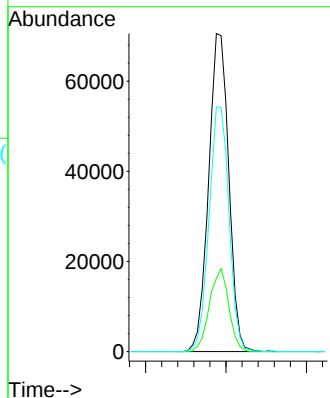
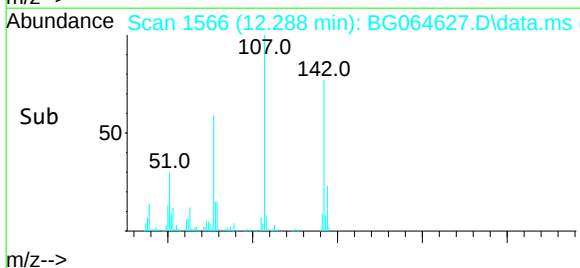
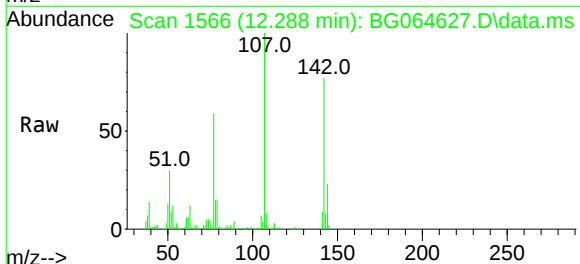
RT: 12.288 min Scan# 1566

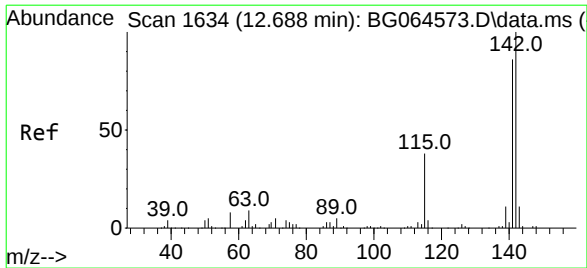
Delta R.T. -0.010 min

Lab File: BG064627.D

Acq: 29 Oct 2025 17:34

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 107   | Resp: | 122640 |
| Ion      | Ratio | Lower | Upper  |
| 107      | 100   |       |        |
| 144      | 23.0  | 19.1  | 28.7   |
| 142      | 77.0  | 58.6  | 87.8   |

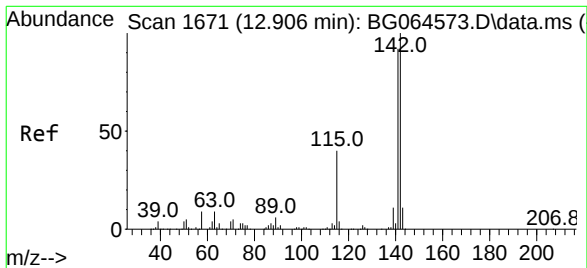
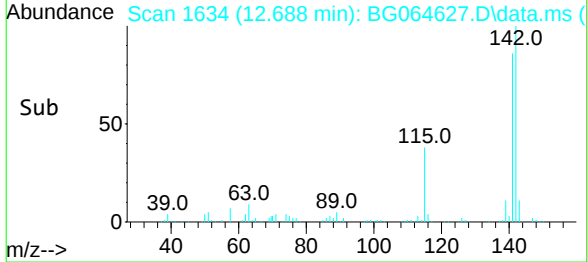
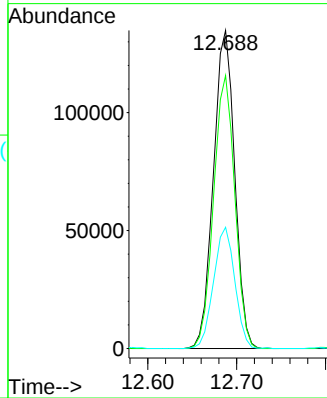
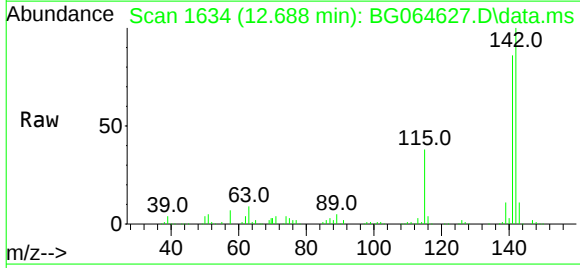




#37  
2-Methylnaphthalene  
Concen: 45.380 ng  
RT: 12.688 min Scan# 1634  
Delta R.T. -0.004 min  
Lab File: BG064627.D  
Acq: 29 Oct 2025 17:34

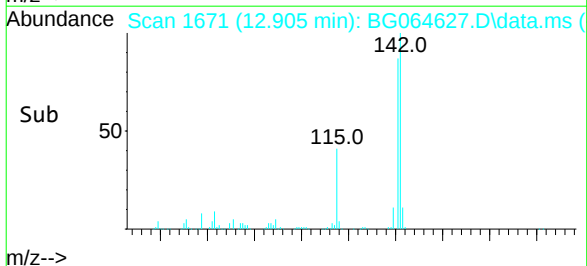
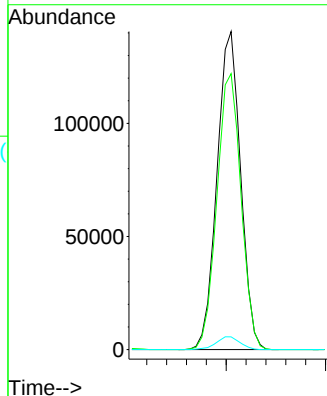
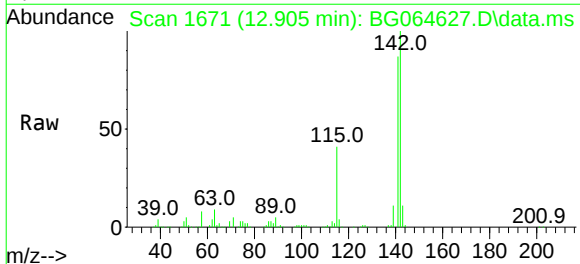
Instrument : BNA\_G  
ClientSampleId : PR-132-S16-015094-20251021MS

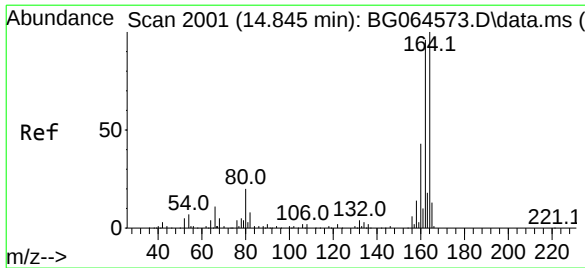
Tgt Ion:142 Resp: 224108  
Ion Ratio Lower Upper  
142 100  
141 85.8 68.9 103.3  
115 38.1 30.6 46.0



#38  
1-Methylnaphthalene  
Concen: 47.679 ng  
RT: 12.905 min Scan# 1671  
Delta R.T. -0.004 min  
Lab File: BG064627.D  
Acq: 29 Oct 2025 17:34

Tgt Ion:142 Resp: 231684  
Ion Ratio Lower Upper  
142 100  
141 86.8 73.3 109.9  
116 4.0 3.1 4.7





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.838 min Scan# 2000

Delta R.T. -0.004 min

Lab File: BG064627.D

Acq: 29 Oct 2025 17:34

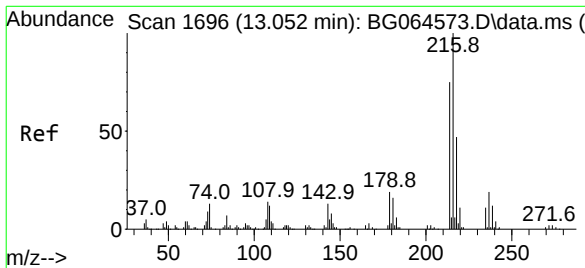
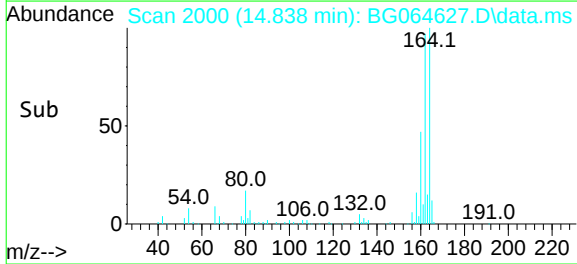
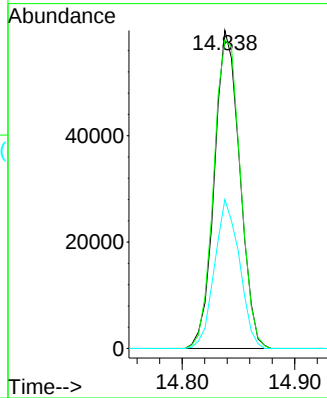
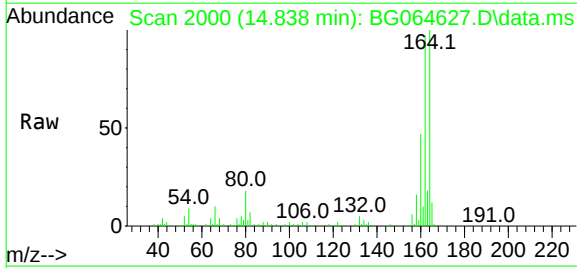
Instrument :

BNA\_G

ClientSampleId :

PR-132-S16-015094-20251021MS

|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 164   | Resp: | 93614 |
| Ion Ratio | Lower | Upper |       |
| 164       | 100   |       |       |
| 162       | 96.9  | 77.0  | 115.6 |
| 160       | 46.8  | 34.4  | 51.6  |



#40

1,2,4,5-Tetrachlorobenzene

Concen: 57.895 ng

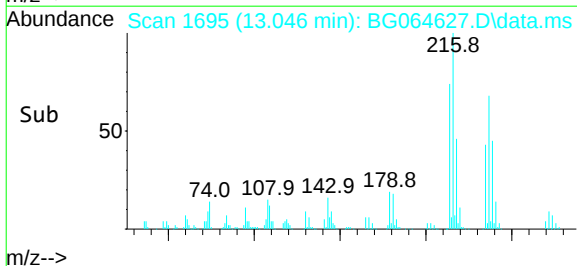
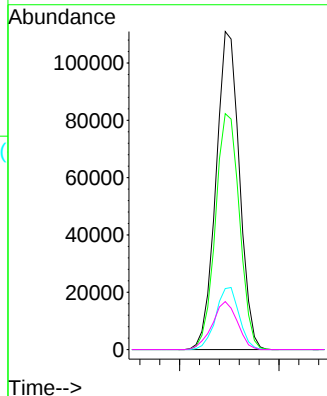
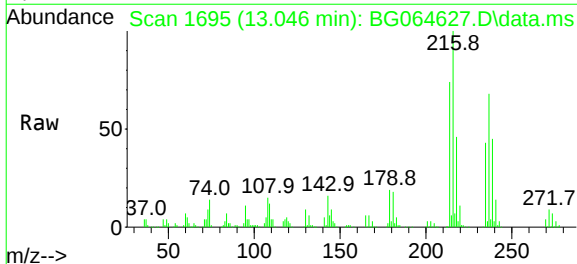
RT: 13.046 min Scan# 1695

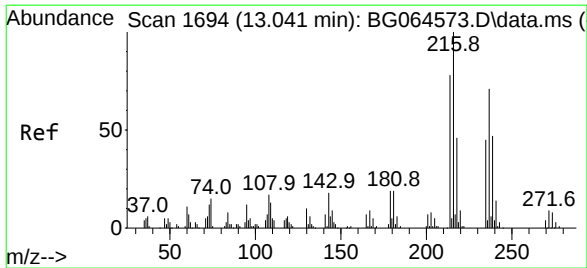
Delta R.T. -0.010 min

Lab File: BG064627.D

Acq: 29 Oct 2025 17:34

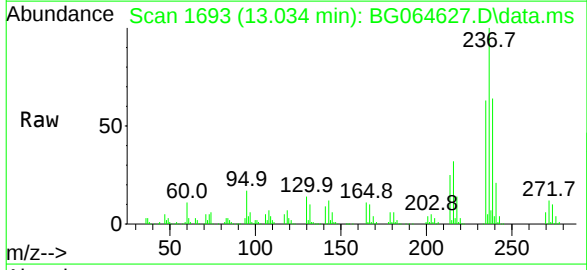
|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 216   | Resp: | 181893 |
| Ion Ratio | Lower | Upper |        |
| 216       | 100   |       |        |
| 214       | 76.0  | 61.4  | 92.2   |
| 179       | 19.5  | 15.4  | 23.0   |
| 108       | 16.1  | 11.8  | 17.6   |



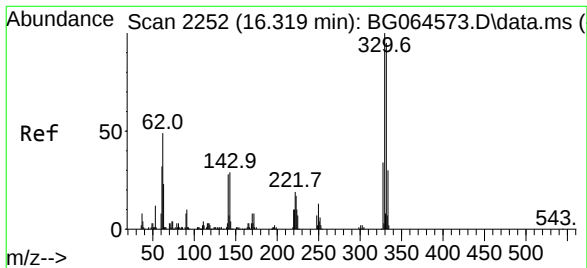
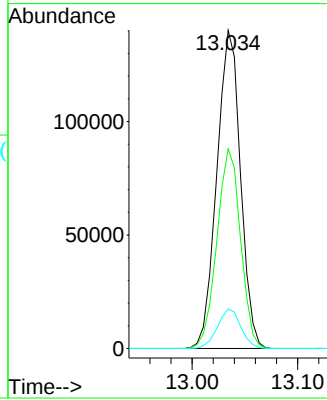
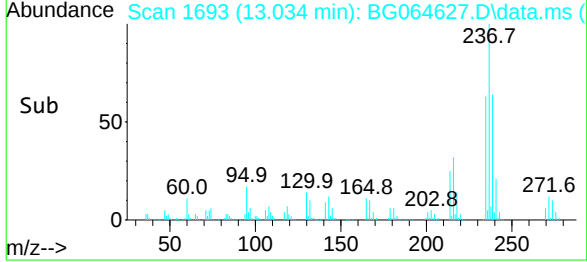


#41  
Hexachlorocyclopentadiene  
Concen: 154.388 ng  
RT: 13.034 min Scan# 1694  
Delta R.T. -0.004 min  
Lab File: BG064627.D  
Acq: 29 Oct 2025 17:34

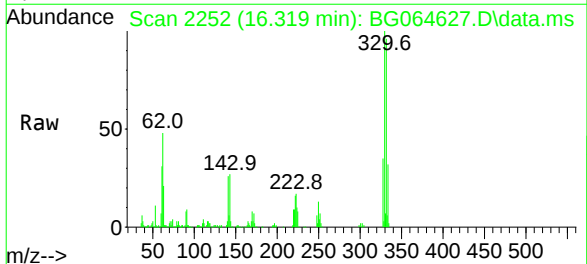
Instrument : BNA\_G  
ClientSampleId : PR-132-S16-015094-20251021MS



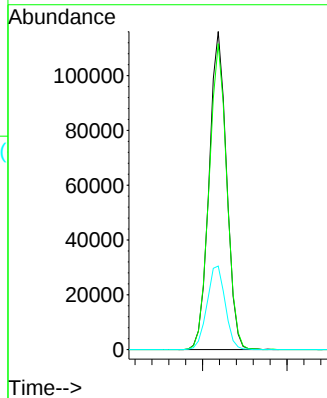
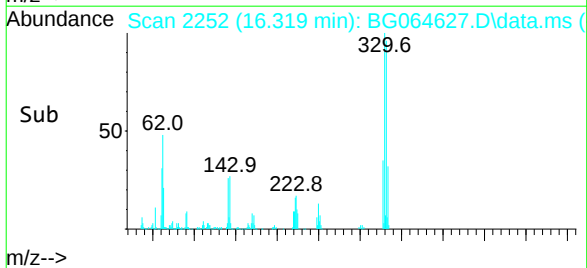
Tgt Ion:237 Resp: 218323  
Ion Ratio Lower Upper  
237 100  
235 62.8 44.1 84.1  
272 12.4 0.0 32.4

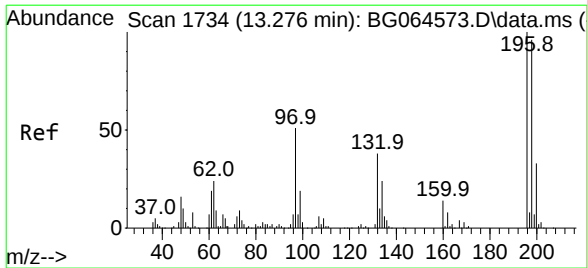


#42  
2,4,6-Tribromophenol  
Concen: 123.459 ng  
RT: 16.319 min Scan# 2252  
Delta R.T. -0.004 min  
Lab File: BG064627.D  
Acq: 29 Oct 2025 17:34



Tgt Ion:330 Resp: 166810  
Ion Ratio Lower Upper  
330 100  
332 97.3 78.0 117.0  
141 27.3 21.8 32.6





#43

2,4,6-Trichlorophenol

Concen: 58.649 ng

RT: 13.275 min Scan# 1734

Delta R.T. -0.004 min

Lab File: BG064627.D

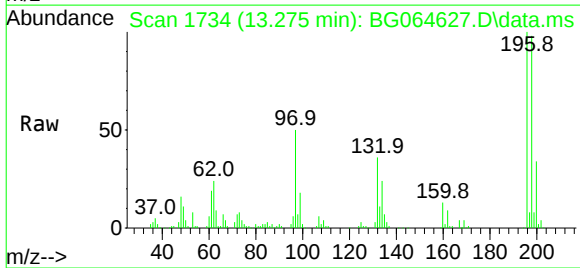
Acq: 29 Oct 2025 17:34

Instrument :

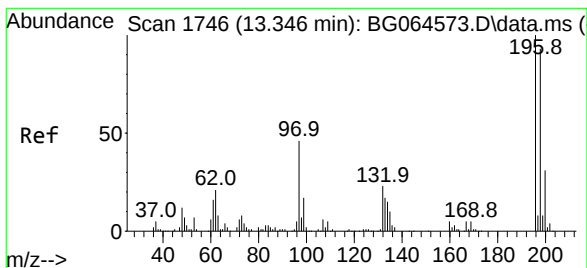
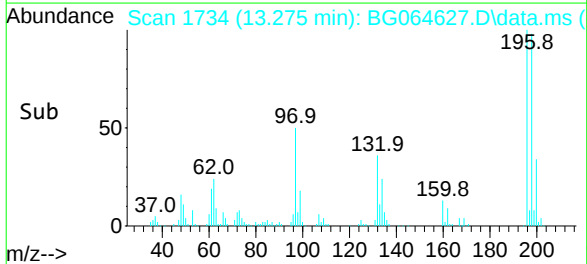
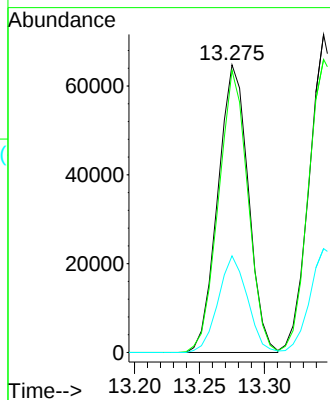
BNA\_G

ClientSampleId :

PR-132-S16-015094-20251021MS



|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 196   | Resp: | 105398 |
| Ion      | Ratio | Lower | Upper  |
| 196      | 100   |       |        |
| 198      | 98.0  | 76.6  | 115.0  |
| 200      | 35.8  | 26.0  | 39.0   |



#44

2,4,5-Trichlorophenol

Concen: 55.084 ng

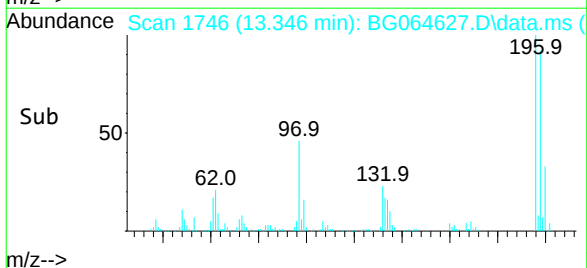
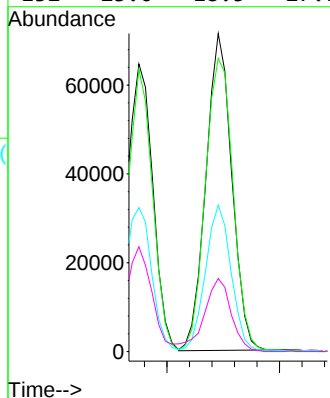
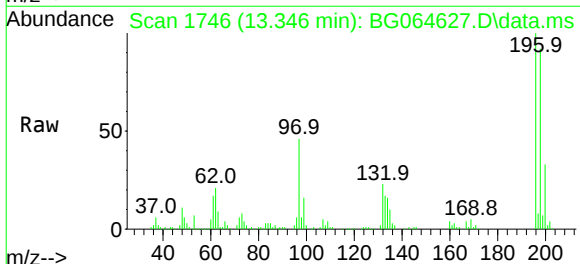
RT: 13.346 min Scan# 1746

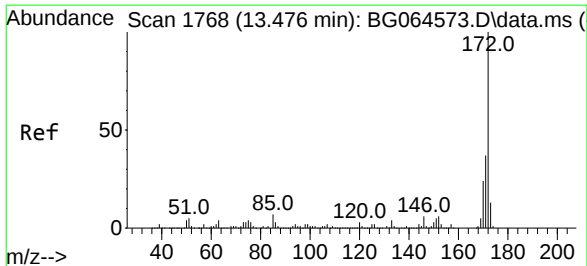
Delta R.T. -0.004 min

Lab File: BG064627.D

Acq: 29 Oct 2025 17:34

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 196   | Resp: | 114236 |
| Ion      | Ratio | Lower | Upper  |
| 196      | 100   |       |        |
| 198      | 92.2  | 74.2  | 111.4  |
| 97       | 46.1  | 37.0  | 55.6   |
| 132      | 23.0  | 18.5  | 27.7   |





#45

2-Fluorobiphenyl

Concen: 60.330 ng

RT: 13.469 min Scan# 1767

Delta R.T. -0.010 min

Lab File: BG064627.D

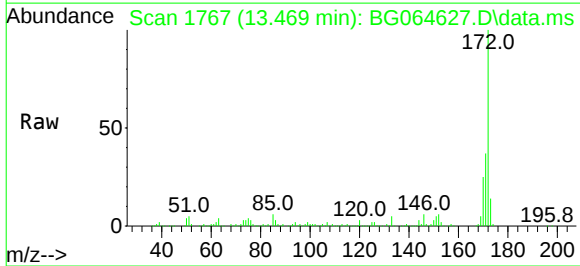
Acq: 29 Oct 2025 17:34

Instrument :

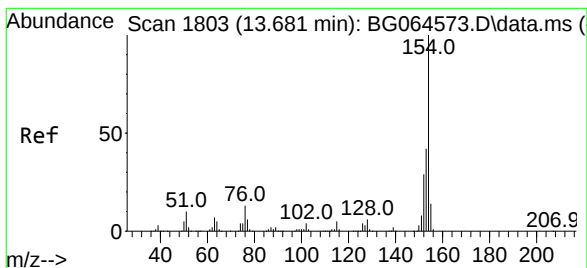
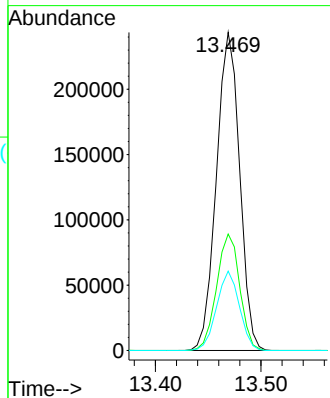
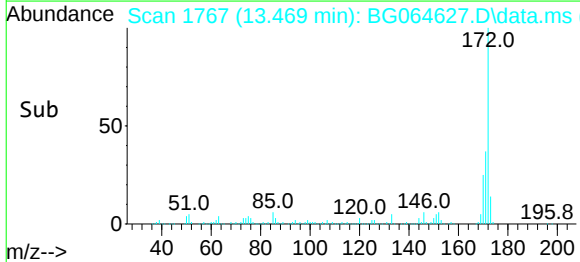
BNA\_G

ClientSampleId :

PR-132-S16-015094-20251021MS



|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 172   | Resp: | 372604 |
| Ion      | Ratio | Lower | Upper  |
| 172      | 100   |       |        |
| 171      | 36.6  | 29.4  | 44.0   |
| 170      | 24.9  | 19.1  | 28.7   |



#46

1,1'-Biphenyl

Concen: 56.287 ng

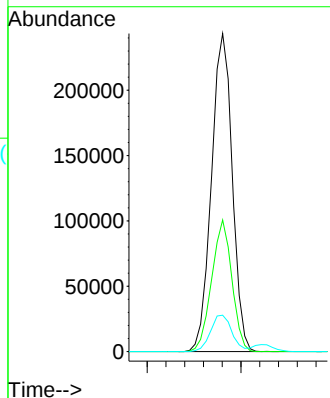
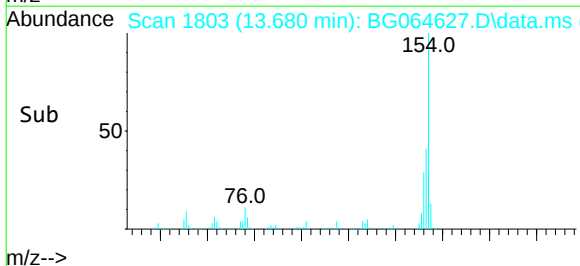
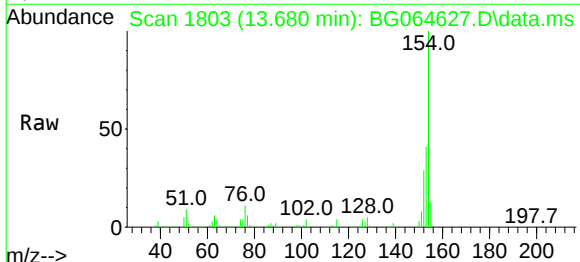
RT: 13.680 min Scan# 1803

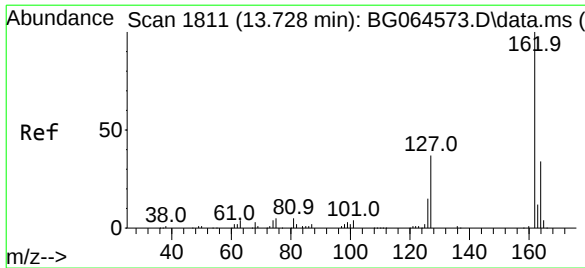
Delta R.T. -0.004 min

Lab File: BG064627.D

Acq: 29 Oct 2025 17:34

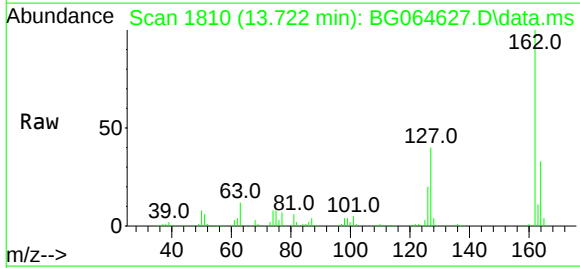
|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 154   | Resp: | 374605 |
| Ion      | Ratio | Lower | Upper  |
| 154      | 100   |       |        |
| 153      | 41.4  | 22.4  | 62.4   |
| 76       | 11.4  | 0.0   | 33.5   |



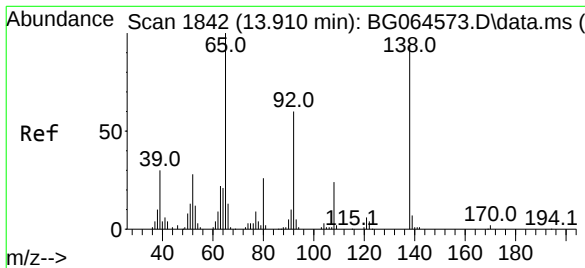
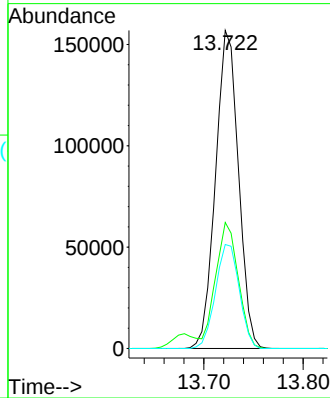
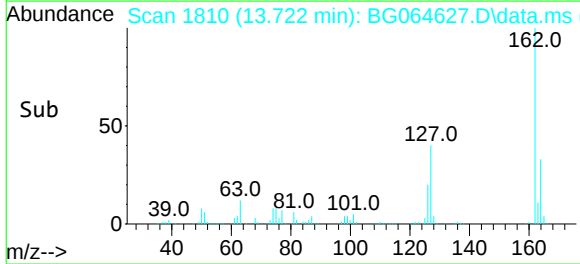


#47  
2-Chloronaphthalene  
Concen: 50.074 ng  
RT: 13.722 min Scan# 1811  
Delta R.T. -0.010 min  
Lab File: BG064627.D  
Acq: 29 Oct 2025 17:34

Instrument : BNA\_G  
ClientSampleId : PR-132-S16-015094-20251021MS

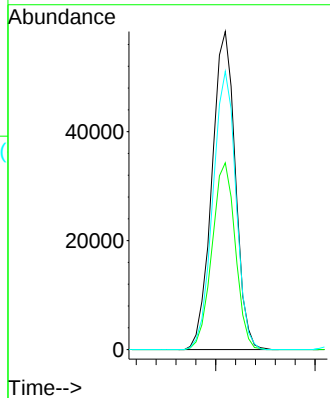
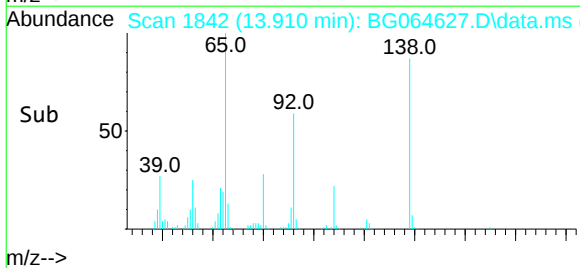
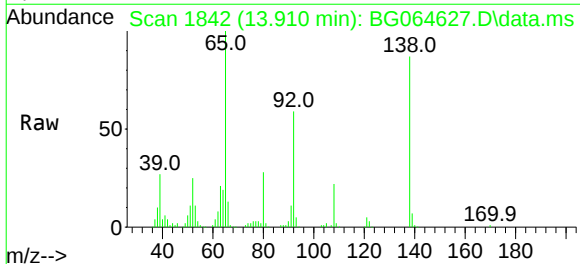


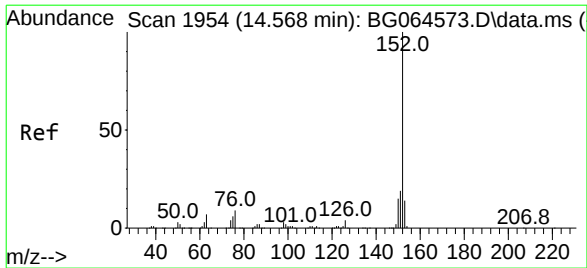
Tgt Ion:162 Resp: 251555  
Ion Ratio Lower Upper  
162 100  
127 39.6 32.2 48.2  
164 32.7 27.5 41.3



#48  
2-Nitroaniline  
Concen: 56.055 ng  
RT: 13.910 min Scan# 1842  
Delta R.T. -0.004 min  
Lab File: BG064627.D  
Acq: 29 Oct 2025 17:34

Tgt Ion: 65 Resp: 95513  
Ion Ratio Lower Upper  
65 100  
92 58.7 48.3 72.5  
138 87.5 74.9 112.3





#49

Acenaphthylene

Concen: 57.112 ng

RT: 14.568 min Scan# 1954

Delta R.T. 0.002 min

Lab File: BG064627.D

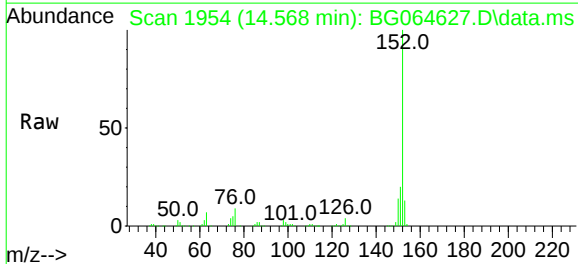
Acq: 29 Oct 2025 17:34

Instrument :

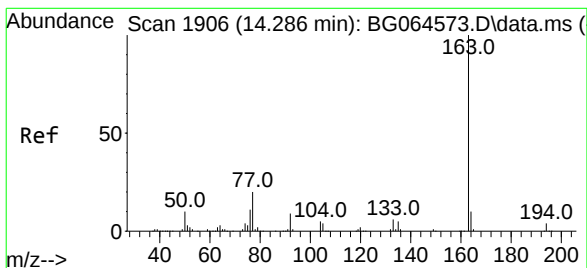
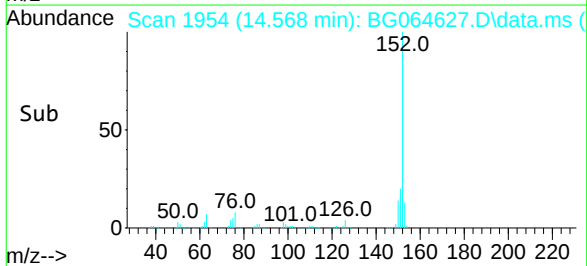
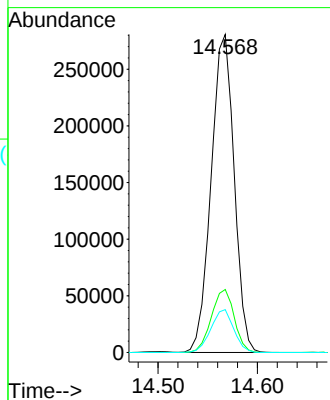
BNA\_G

ClientSampleId :

PR-132-S16-015094-20251021MS



|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 152   | Resp: | 452550 |
| Ion Ratio | Lower | Upper |        |
| 152       | 100   |       |        |
| 151       | 19.8  | 15.4  | 23.2   |
| 153       | 13.5  | 11.0  | 16.4   |



#50

Dimethylphthalate

Concen: 50.569 ng

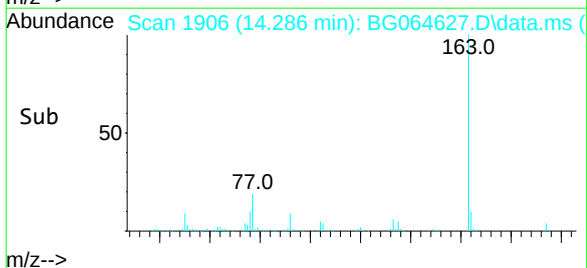
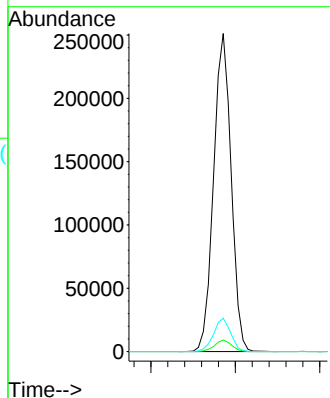
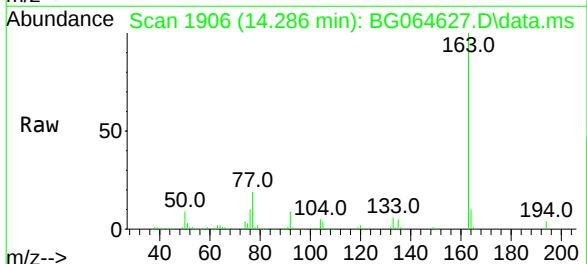
RT: 14.286 min Scan# 1906

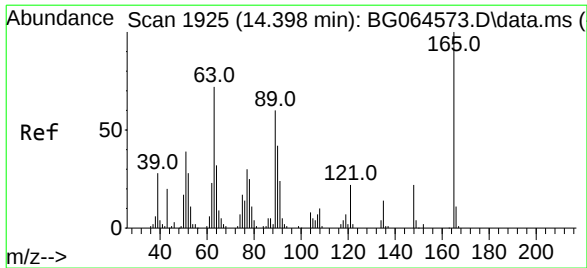
Delta R.T. -0.004 min

Lab File: BG064627.D

Acq: 29 Oct 2025 17:34

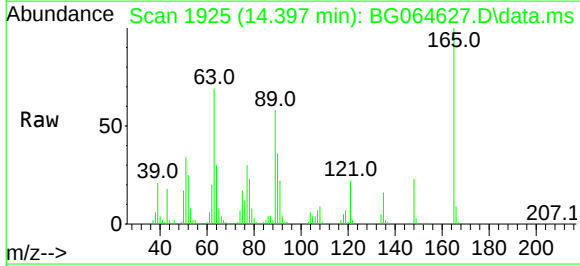
|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 163   | Resp: | 362240 |
| Ion Ratio | Lower | Upper |        |
| 163       | 100   |       |        |
| 194       | 3.7   | 2.8   | 4.2    |
| 164       | 10.5  | 7.7   | 11.5   |



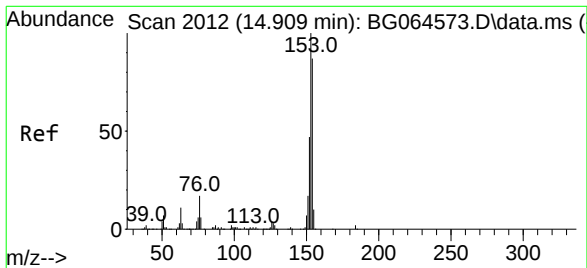
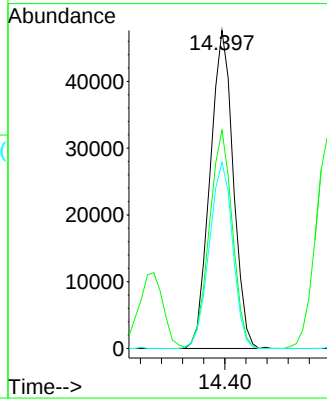
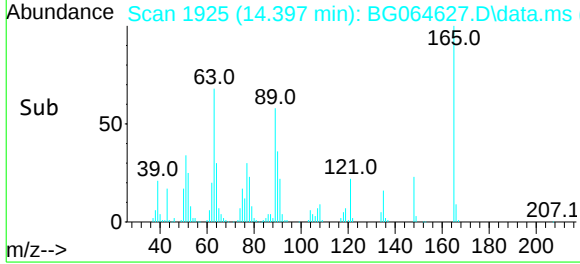


#51  
2,6-Dinitrotoluene  
Concen: 60.623 ng  
RT: 14.397 min Scan# 19  
Delta R.T. -0.005 min  
Lab File: BG064627.D  
Acq: 29 Oct 2025 17:34

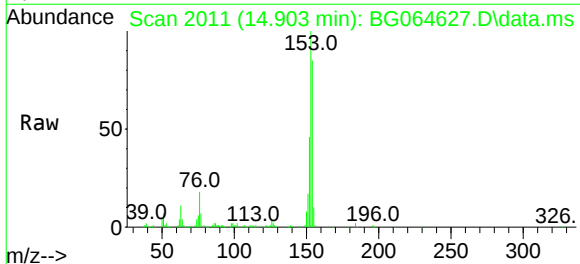
Instrument :  
BNA\_G  
ClientSampleId :  
PR-132-S16-015094-20251021MS



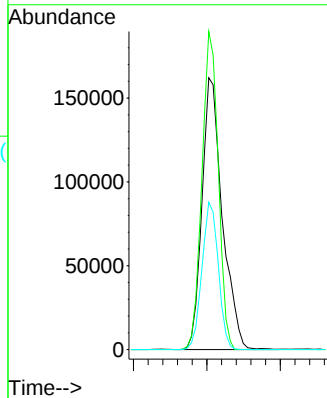
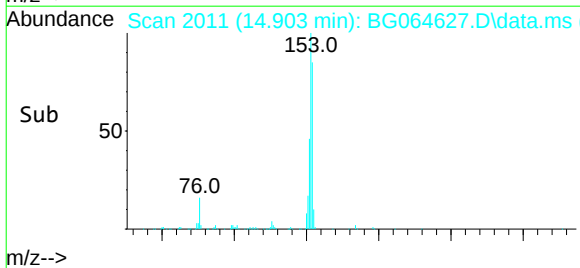
Tgt Ion:165 Resp: 72717  
Ion Ratio Lower Upper  
165 100  
63 68.6 57.4 86.0  
89 58.5 47.8 71.8

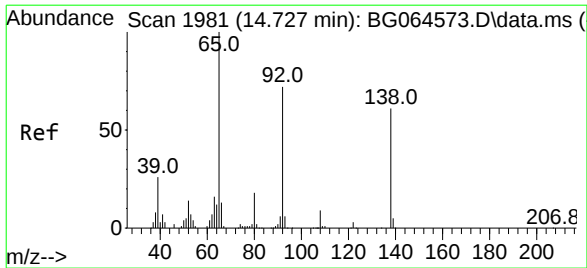


#52  
Acenaphthene  
Concen: 57.775 ng  
RT: 14.903 min Scan# 2011  
Delta R.T. -0.010 min  
Lab File: BG064627.D  
Acq: 29 Oct 2025 17:34



Tgt Ion:154 Resp: 312776  
Ion Ratio Lower Upper  
154 100  
153 117.0 92.2 138.4  
152 54.2 43.2 64.8





#53

3-Nitroaniline

Concen: 40.637 ng

RT: 14.720 min Scan# 19

Delta R.T. -0.010 min

Lab File: BG064627.D

Acq: 29 Oct 2025 17:34

Instrument :

BNA\_G

ClientSampleId :

PR-132-S16-015094-20251021MS

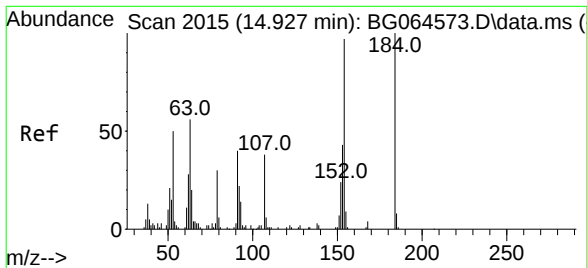
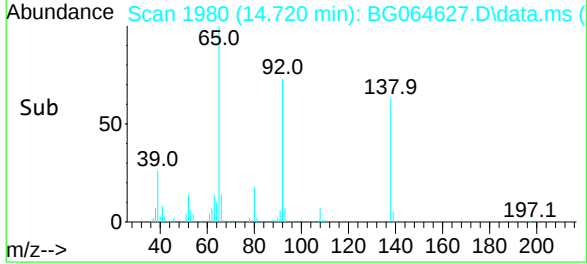
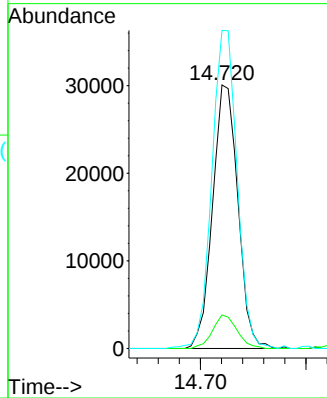
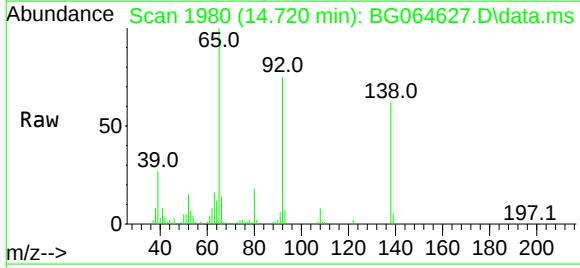
Tgt Ion:138 Resp: 50027

Ion Ratio Lower Upper

138 100

108 12.7 11.4 17.0

92 120.7 95.3 142.9



#54

2,4-Dinitrophenol

Concen: 132.948 ng

RT: 14.926 min Scan# 2015

Delta R.T. -0.004 min

Lab File: BG064627.D

Acq: 29 Oct 2025 17:34

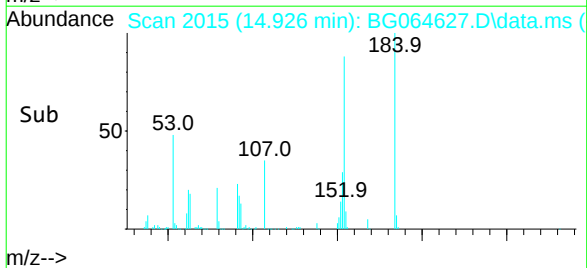
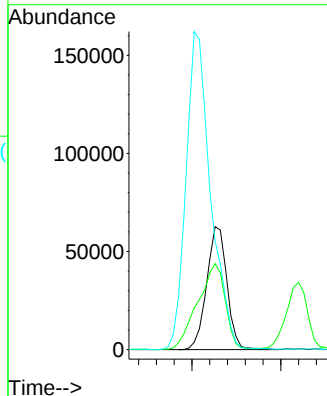
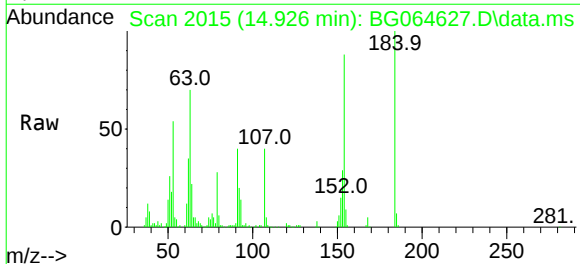
Tgt Ion:184 Resp: 99300

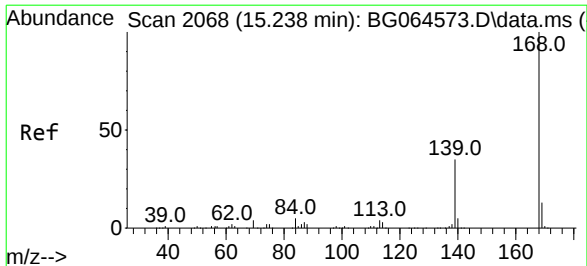
Ion Ratio Lower Upper

184 100

63 69.9 56.6 85.0

154 88.2 158.6 238.0#





#55

Dibenzenofuran

Concen: 50.793 ng

RT: 15.237 min Scan# 2068

Delta R.T. -0.004 min

Lab File: BG064627.D

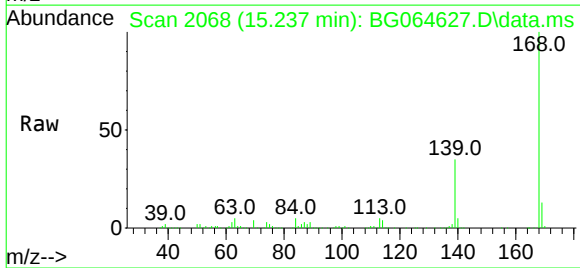
Acq: 29 Oct 2025 17:34

Instrument :

BNA\_G

ClientSampleId :

PR-132-S16-015094-20251021MS



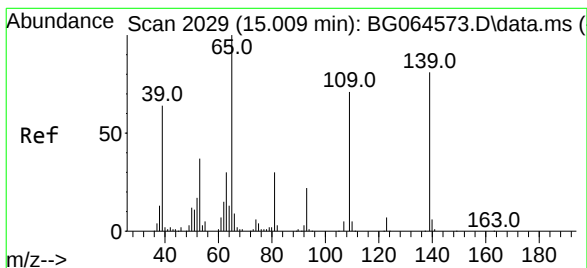
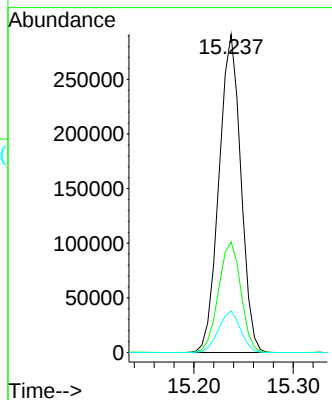
Tgt Ion:168 Resp: 444561

Ion Ratio Lower Upper

168 100

139 34.8 27.8 41.8

169 13.1 10.3 15.5



#56

4-Nitrophenol

Concen: 121.914 ng

RT: 15.020 min Scan# 2031

Delta R.T. 0.002 min

Lab File: BG064627.D

Acq: 29 Oct 2025 17:34

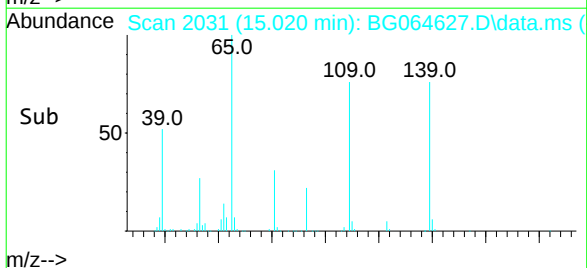
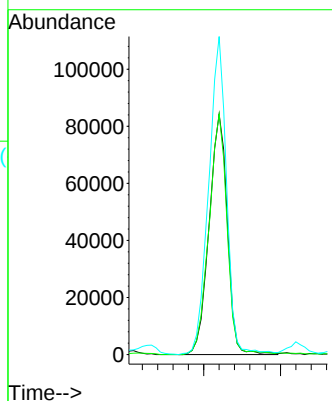
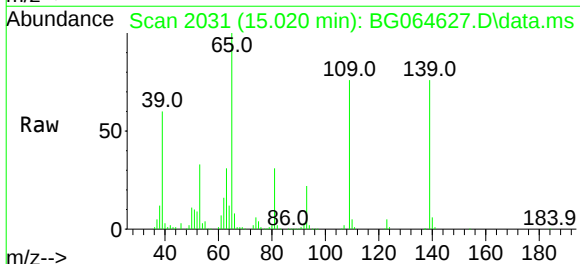
Tgt Ion:139 Resp: 139148

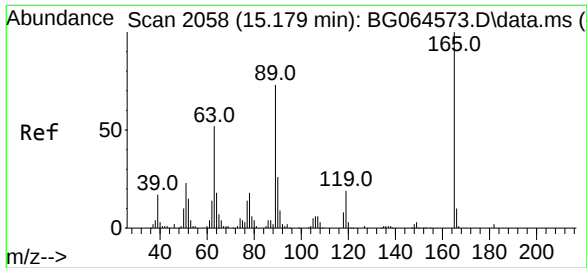
Ion Ratio Lower Upper

139 100

109 100.0 67.8 107.8

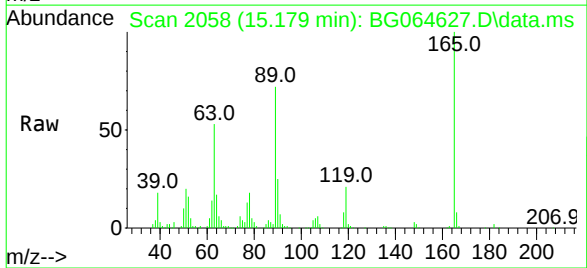
65 132.3 103.7 143.7



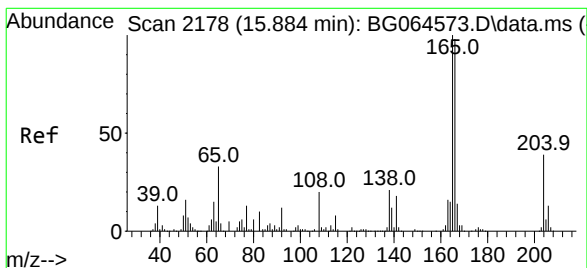
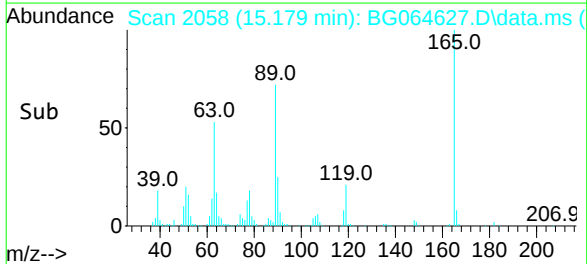
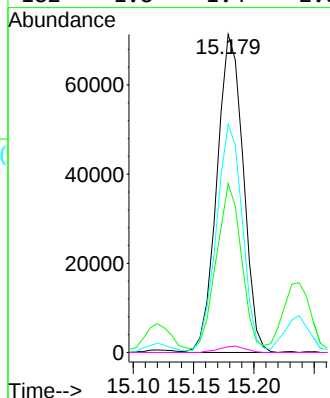


#57  
2,4-Dinitrotoluene  
Concen: 58.491 ng  
RT: 15.179 min Scan# 2058  
Delta R.T. -0.010 min  
Lab File: BG064627.D  
Acq: 29 Oct 2025 17:34

Instrument :  
BNA\_G  
ClientSampleId :  
PR-132-S16-015094-20251021MS

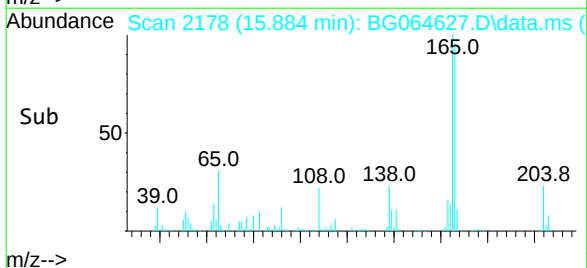
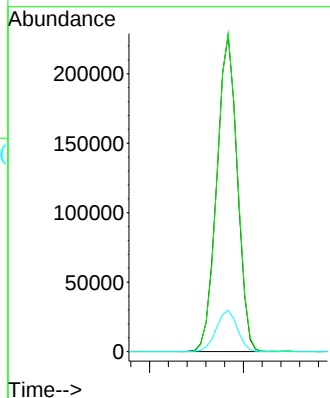
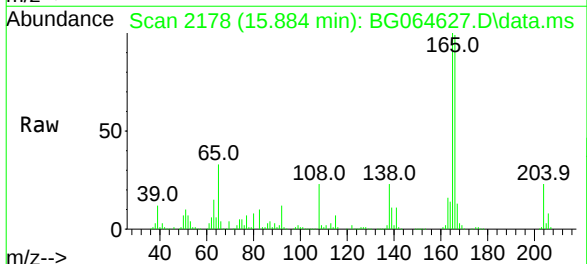


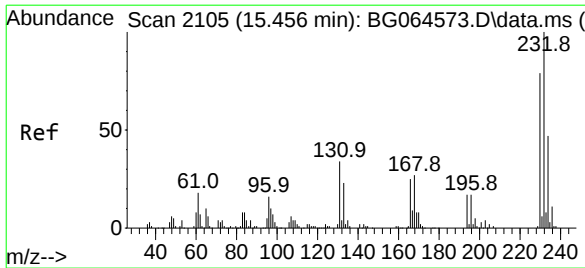
|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 165   | Resp: | 108193 |
| Ion      | Ratio | Lower | Upper  |
| 165      | 100   |       |        |
| 63       | 53.1  | 41.8  | 62.8   |
| 89       | 71.8  | 58.1  | 87.1   |
| 182      | 1.8   | 1.4   | 2.0    |



#58  
Fluorene  
Concen: 50.581 ng  
RT: 15.884 min Scan# 2178  
Delta R.T. -0.004 min  
Lab File: BG064627.D  
Acq: 29 Oct 2025 17:34

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 166   | Resp: | 345737 |
| Ion      | Ratio | Lower | Upper  |
| 166      | 100   |       |        |
| 165      | 100.5 | 81.5  | 122.3  |
| 167      | 13.0  | 11.4  | 17.0   |





#59

2,3,4,6-Tetrachlorophenol

Concen: 62.001 ng

RT: 15.455 min Scan# 2105

Delta R.T. -0.004 min

Lab File: BG064627.D

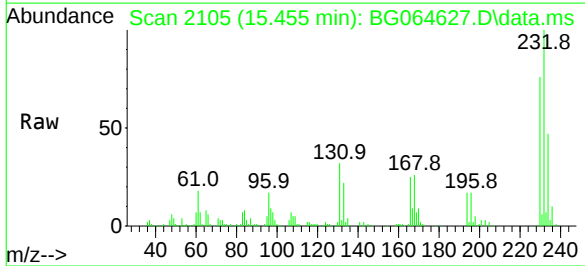
Acq: 29 Oct 2025 17:34

Instrument :

BNA\_G

ClientSampleId :

PR-132-S16-015094-20251021MS



Tgt Ion:232 Resp: 122956

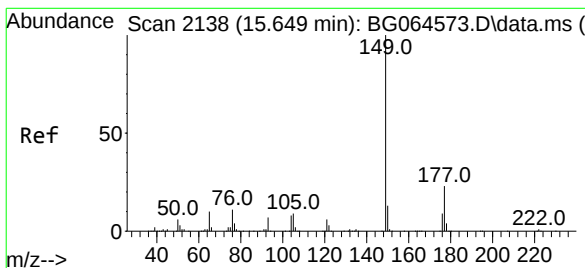
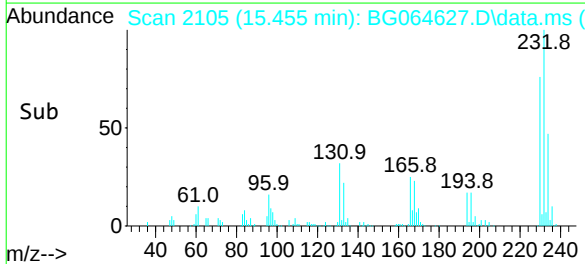
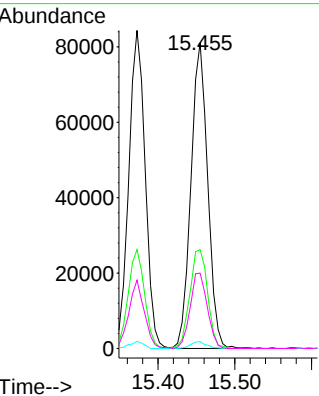
Ion Ratio Lower Upper

232 100

131 34.4 26.7 40.1

130 2.1 1.6 2.4

166 25.2 20.5 30.7



#60

Diethylphthalate

Concen: 50.036 ng

RT: 15.643 min Scan# 2137

Delta R.T. -0.010 min

Lab File: BG064627.D

Acq: 29 Oct 2025 17:34

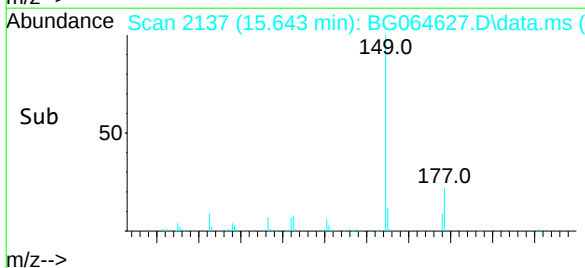
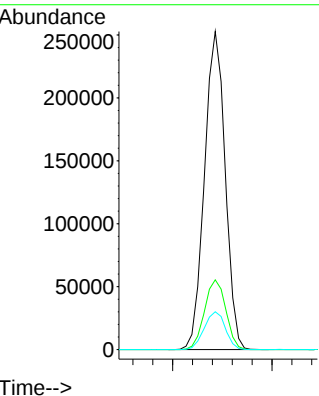
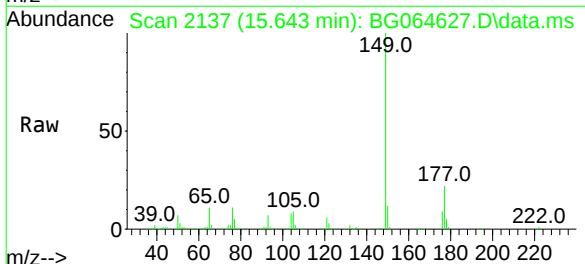
Tgt Ion:149 Resp: 365971

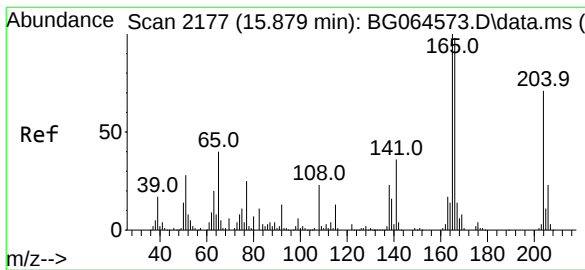
Ion Ratio Lower Upper

149 100

177 21.9 18.0 27.0

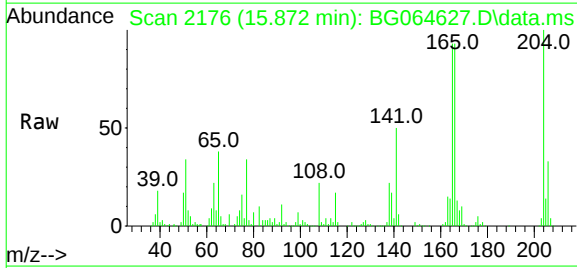
150 11.9 10.2 15.4



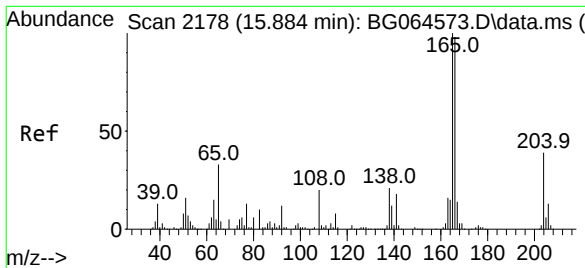
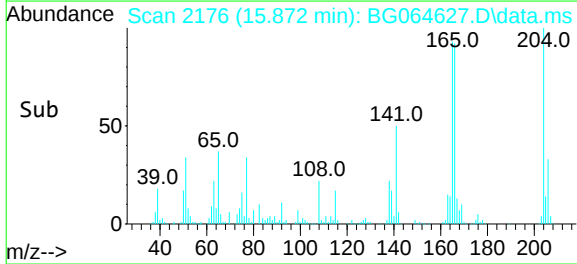
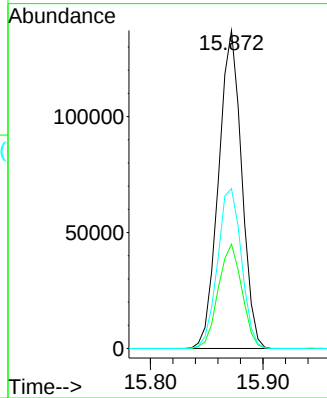


#61  
4-Chlorophenyl-phenylether  
Concen: 50.956 ng  
RT: 15.872 min Scan# 2176  
Delta R.T. -0.004 min  
Lab File: BG064627.D  
Acq: 29 Oct 2025 17:34

Instrument :  
BNA\_G  
ClientSampleId :  
PR-132-S16-015094-20251021MS

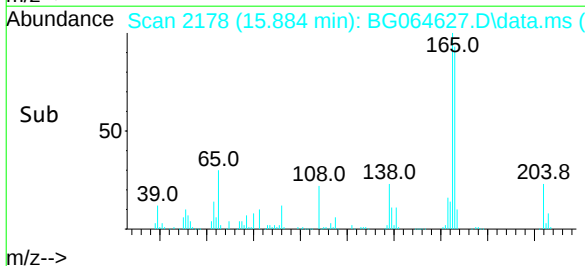
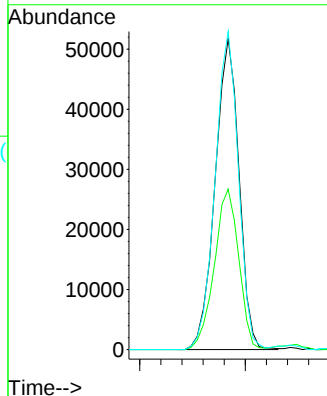
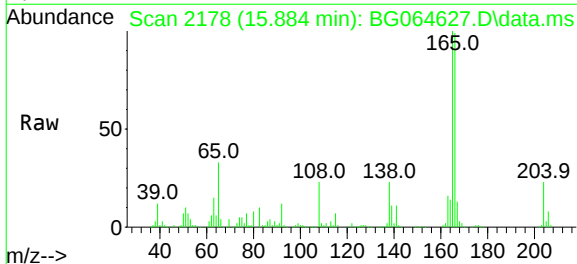


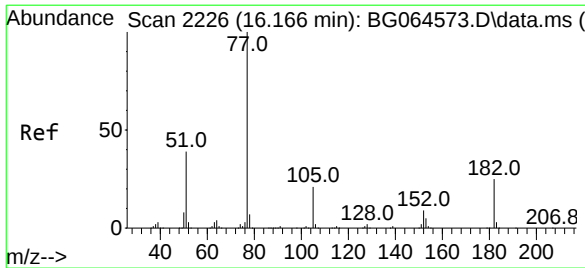
Tgt Ion:204 Resp: 195464  
Ion Ratio Lower Upper  
204 100  
206 32.8 25.6 38.4  
141 50.2 40.6 60.8



#62  
4-Nitroaniline  
Concen: 59.481 ng  
RT: 15.884 min Scan# 2178  
Delta R.T. -0.010 min  
Lab File: BG064627.D  
Acq: 29 Oct 2025 17:34

Tgt Ion:138 Resp: 81463  
Ion Ratio Lower Upper  
138 100  
92 51.6 36.1 76.1  
108 102.3 75.6 115.6





#63

Azobenzene

Concen: 53.492 ng

RT: 16.160 min Scan# 22

Delta R.T. -0.010 min

Lab File: BG064627.D

Acq: 29 Oct 2025 17:34

Instrument :

BNA\_G

ClientSampleId :

PR-132-S16-015094-20251021MS

Tgt Ion: 77 Resp: 358981

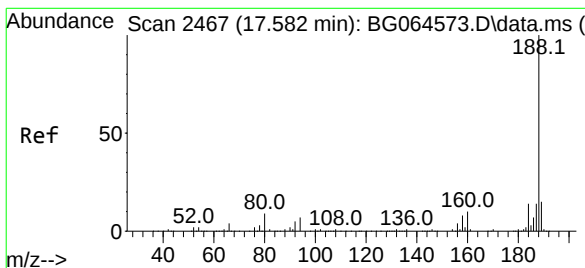
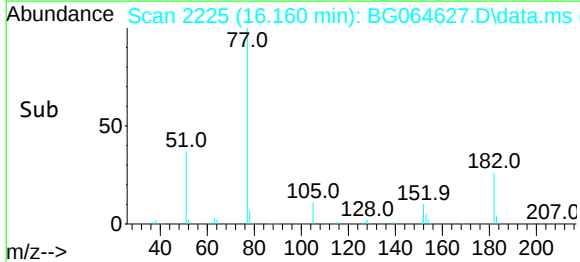
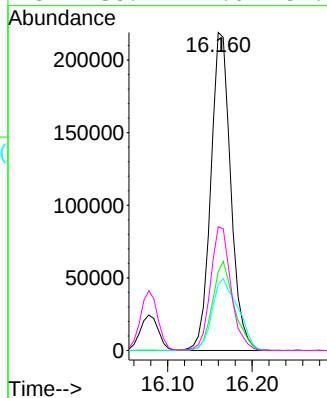
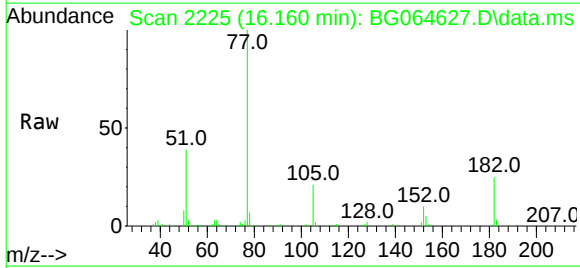
Ion Ratio Lower Upper

77 100

182 24.7 4.9 44.9

105 20.7 1.3 41.3

51 38.9 19.0 59.0



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.576 min Scan# 2466

Delta R.T. -0.004 min

Lab File: BG064627.D

Acq: 29 Oct 2025 17:34

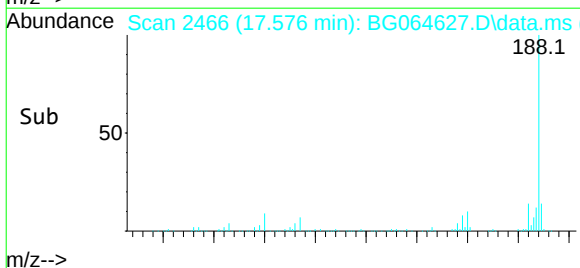
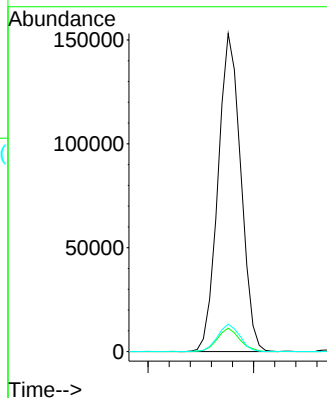
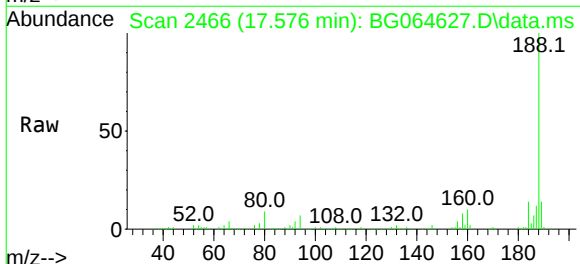
Tgt Ion: 188 Resp: 229619

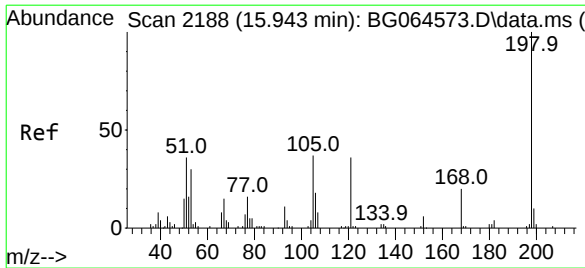
Ion Ratio Lower Upper

188 100

94 7.4 5.7 8.5

80 8.6 6.8 10.2

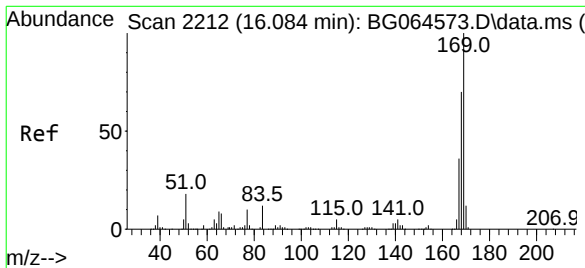
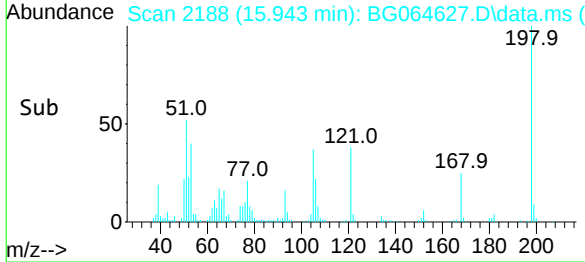
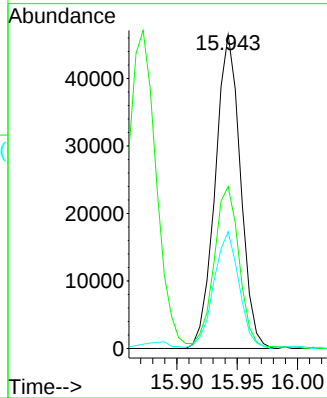
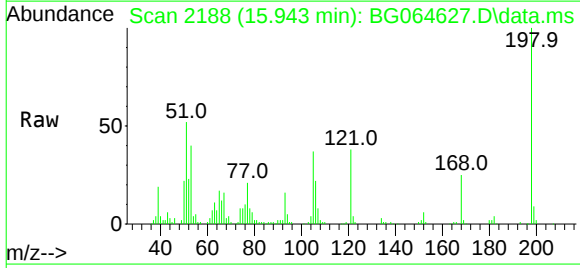




#65  
4,6-Dinitro-2-methylphenol  
Concen: 64.726 ng  
RT: 15.943 min Scan# 2188  
Delta R.T. -0.004 min  
Lab File: BG064627.D  
Acq: 29 Oct 2025 17:34

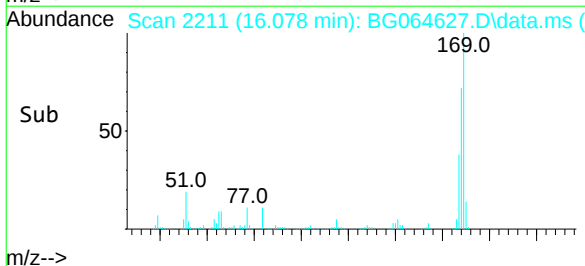
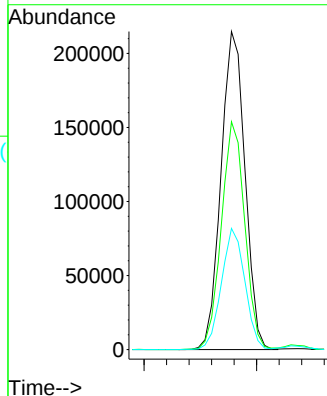
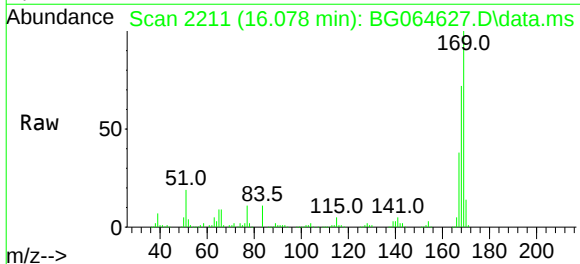
Instrument :  
BNA\_G  
ClientSampleId :  
PR-132-S16-015094-20251021MS

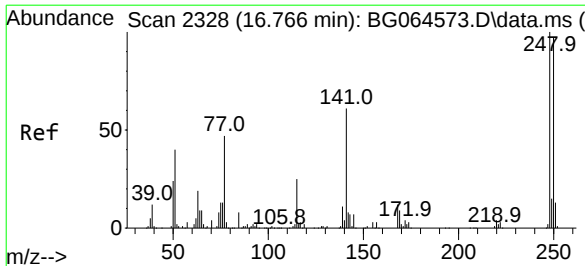
|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 198   | Resp: | 67553 |
| Ion      | Ratio | Lower | Upper |
| 198      | 100   |       |       |
| 51       | 51.6  | 24.7  | 64.7  |
| 105      | 37.2  | 18.0  | 58.0  |



#66  
n-Nitrosodiphenylamine  
Concen: 51.265 ng  
RT: 16.078 min Scan# 2211  
Delta R.T. -0.010 min  
Lab File: BG064627.D  
Acq: 29 Oct 2025 17:34

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 169   | Resp: | 317977 |
| Ion      | Ratio | Lower | Upper  |
| 169      | 100   |       |        |
| 168      | 71.6  | 56.3  | 84.5   |
| 167      | 38.1  | 29.0  | 43.6   |





#67

4-Bromophenyl-phenylether

Concen: 52.025 ng

RT: 16.765 min Scan# 2328

Delta R.T. -0.004 min

Lab File: BG064627.D

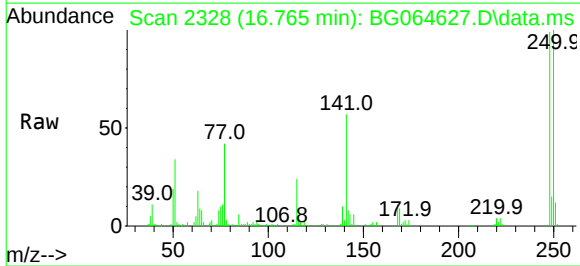
Acq: 29 Oct 2025 17:34

Instrument :

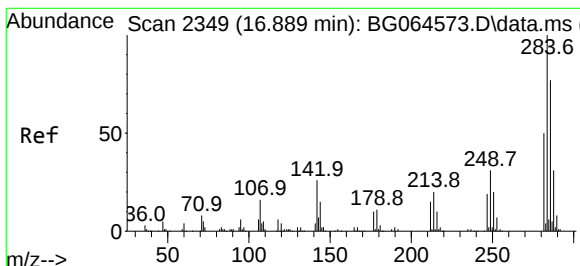
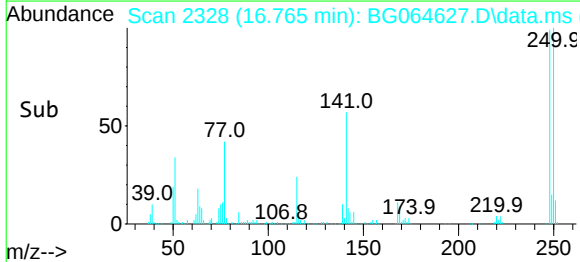
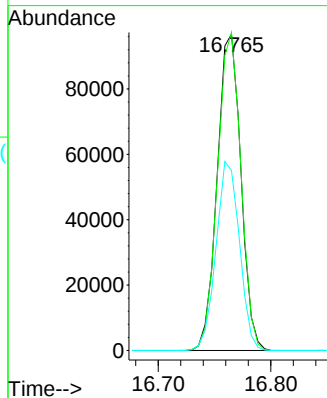
BNA\_G

ClientSampleId :

PR-132-S16-015094-20251021MS



|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 248   | Resp: | 141564 |
| Ion Ratio | Lower | Upper |        |
| 248       | 100   |       |        |
| 250       | 100.5 | 77.7  | 116.5  |
| 141       | 56.9  | 48.6  | 72.8   |



#68

Hexachlorobenzene

Concen: 51.826 ng

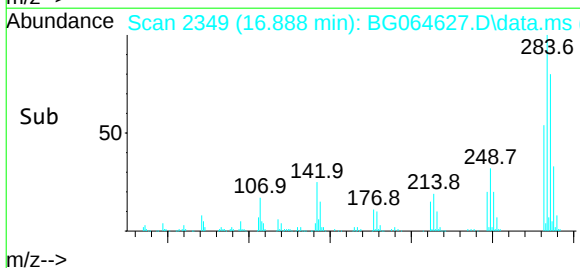
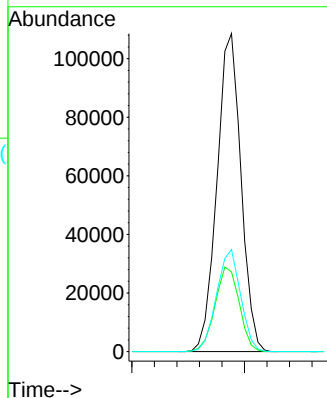
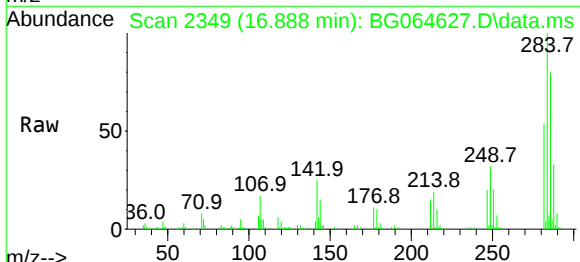
RT: 16.888 min Scan# 2349

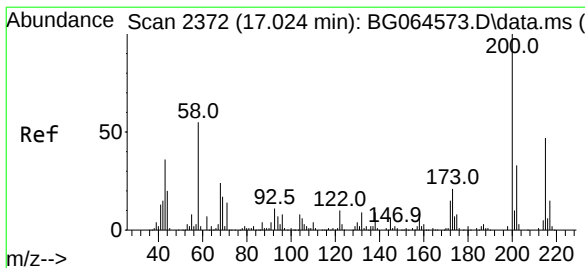
Delta R.T. -0.004 min

Lab File: BG064627.D

Acq: 29 Oct 2025 17:34

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 284   | Resp: | 160884 |
| Ion Ratio | Lower | Upper |        |
| 284       | 100   |       |        |
| 142       | 25.1  | 21.0  | 31.6   |
| 249       | 34.2  | 24.9  | 37.3   |





#69

Atrazine

Concen: 55.064 ng

RT: 17.018 min Scan# 2372

Delta R.T. -0.010 min

Lab File: BG064627.D

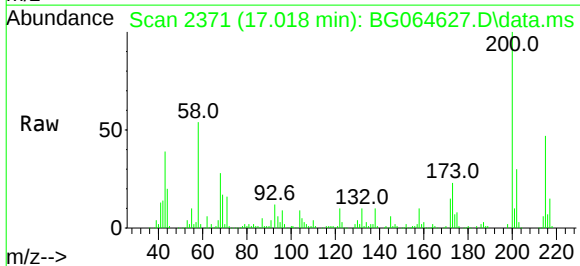
Acq: 29 Oct 2025 17:34

Instrument :

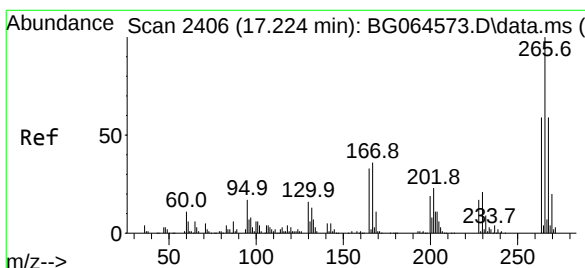
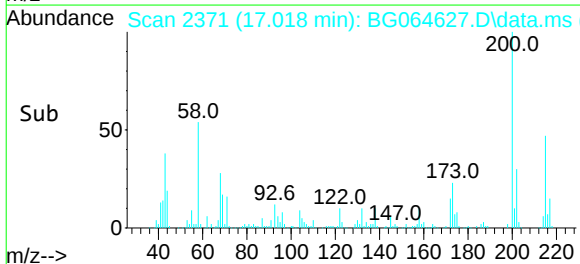
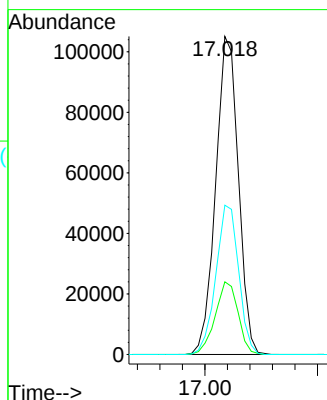
BNA\_G

ClientSampleId :

PR-132-S16-015094-20251021MS



|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 200   | Resp: | 146978 |
| Ion      | Ratio | Lower | Upper  |
| 200      | 100   |       |        |
| 173      | 22.8  | 0.9   | 40.9   |
| 215      | 46.9  | 27.0  | 67.0   |



#70

Pentachlorophenol

Concen: 113.709 ng

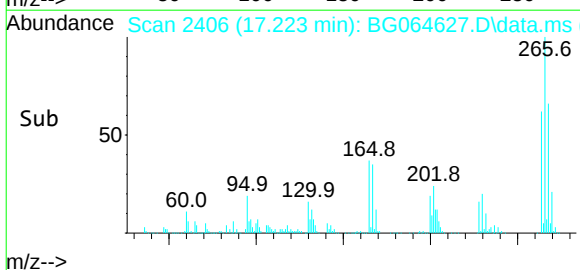
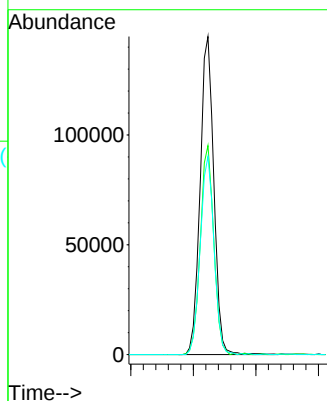
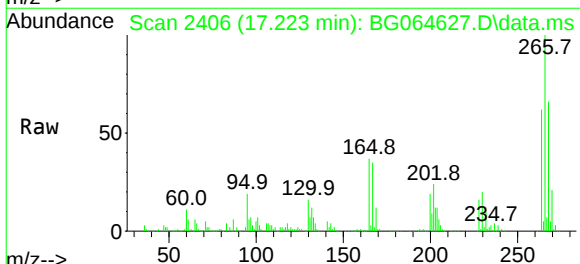
RT: 17.223 min Scan# 2406

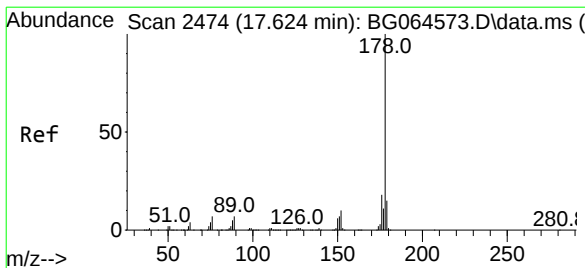
Delta R.T. -0.004 min

Lab File: BG064627.D

Acq: 29 Oct 2025 17:34

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 266   | Resp: | 220117 |
| Ion      | Ratio | Lower | Upper  |
| 266      | 100   |       |        |
| 268      | 65.7  | 50.3  | 75.5   |
| 264      | 62.3  | 47.3  | 70.9   |





#71

Phenanthrene

Concen: 50.519 ng

RT: 17.623 min Scan# 2474

Delta R.T. -0.004 min

Lab File: BG064627.D

Acq: 29 Oct 2025 17:34

Instrument :

BNA\_G

ClientSampleId :

PR-132-S16-015094-20251021MS

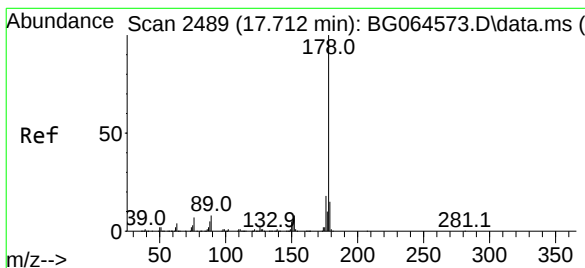
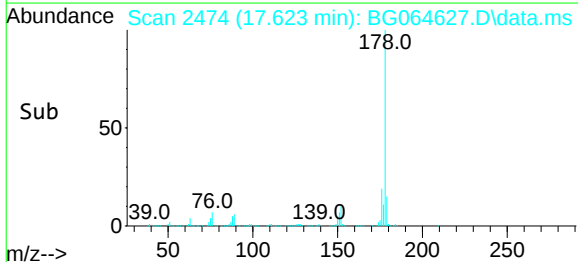
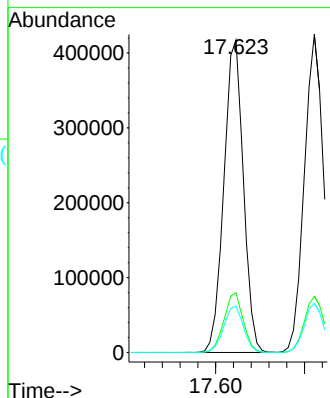
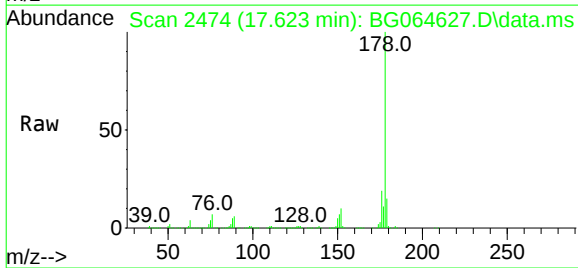
Tgt Ion:178 Resp: 634368

Ion Ratio Lower Upper

178 100

176 19.1 14.7 22.1

179 14.8 12.2 18.4



#72

Anthracene

Concen: 50.069 ng

RT: 17.711 min Scan# 2489

Delta R.T. -0.004 min

Lab File: BG064627.D

Acq: 29 Oct 2025 17:34

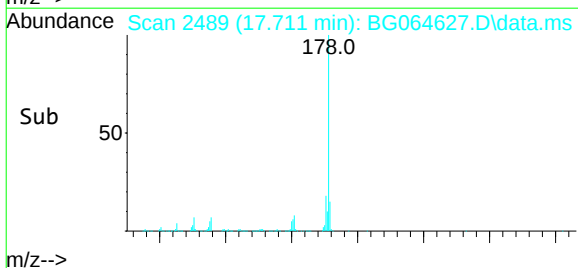
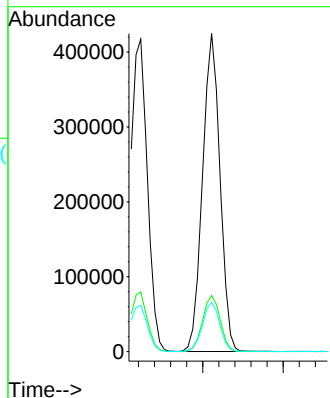
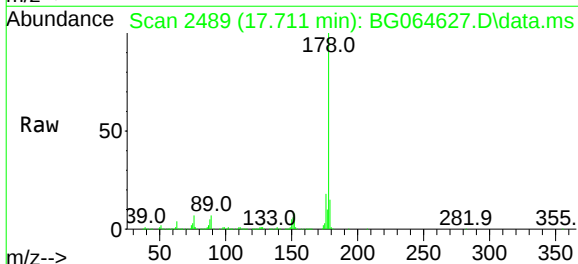
Tgt Ion:178 Resp: 639545

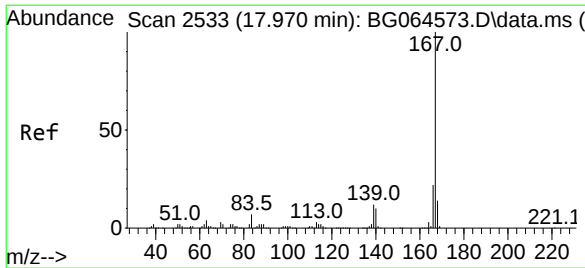
Ion Ratio Lower Upper

178 100

176 17.6 14.4 21.6

179 15.4 12.4 18.6





#73

Carbazole

Concen: 51.232 ng

RT: 17.970 min Scan# 2533

Delta R.T. -0.004 min

Lab File: BG064627.D

Acq: 29 Oct 2025 17:34

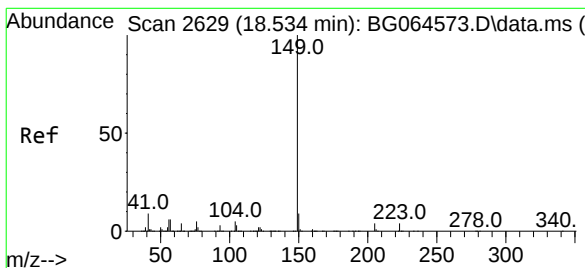
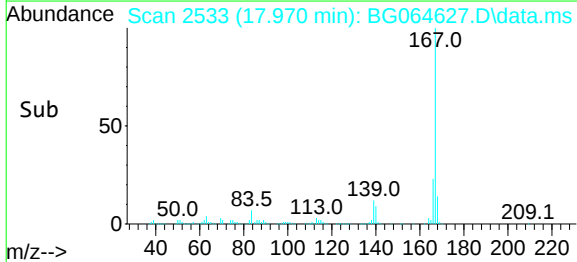
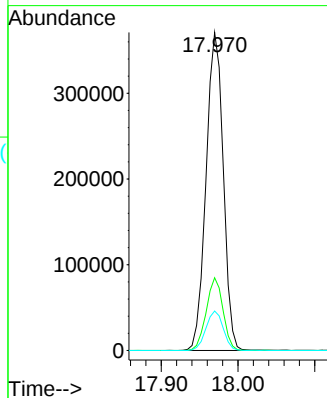
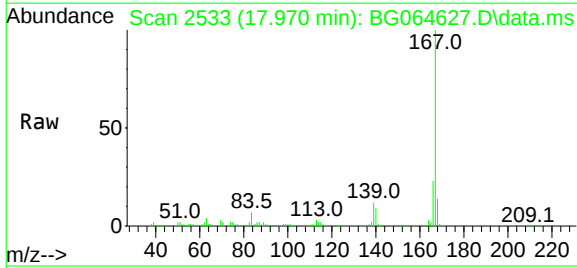
Instrument :

BNA\_G

ClientSampleId :

PR-132-S16-015094-20251021MS

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 167   | Resp: | 577061 |
| Ion      | Ratio | Lower | Upper  |
| 167      | 100   |       |        |
| 166      | 22.9  | 17.9  | 26.9   |
| 139      | 12.4  | 9.7   | 14.5   |



#74

Di-n-butylphthalate

Concen: 51.496 ng

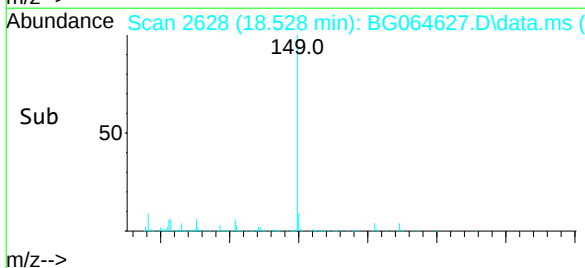
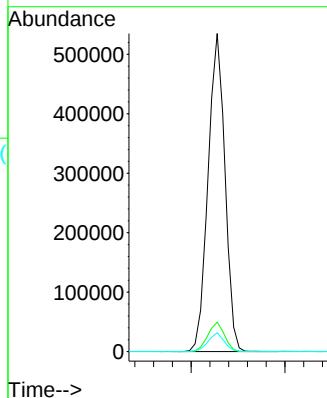
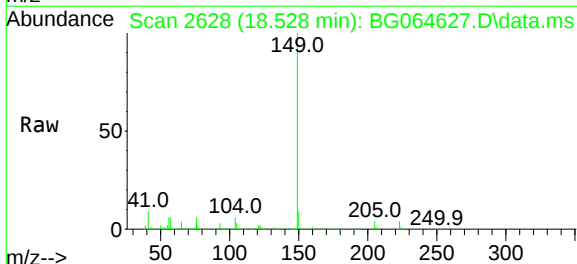
RT: 18.528 min Scan# 2628

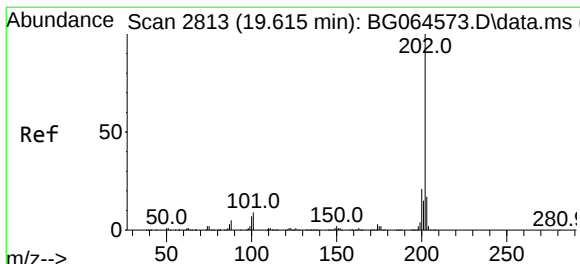
Delta R.T. -0.010 min

Lab File: BG064627.D

Acq: 29 Oct 2025 17:34

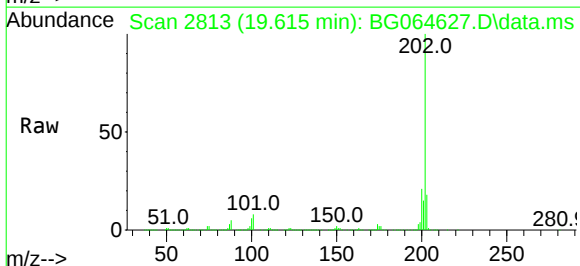
|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 149   | Resp: | 670737 |
| Ion      | Ratio | Lower | Upper  |
| 149      | 100   |       |        |
| 150      | 9.3   | 7.0   | 10.6   |
| 104      | 5.9   | 4.1   | 6.1    |



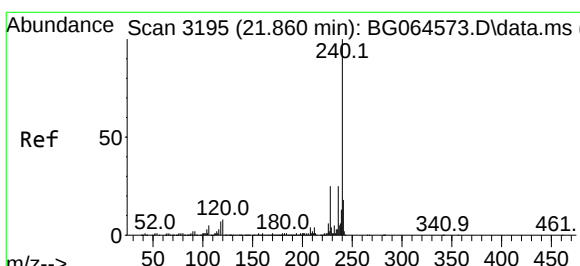
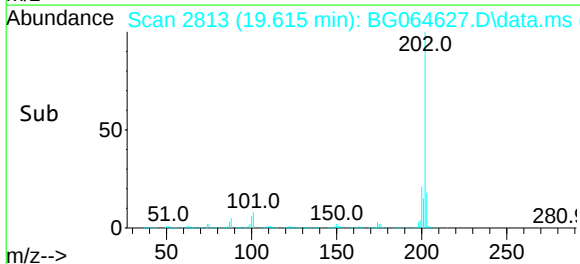
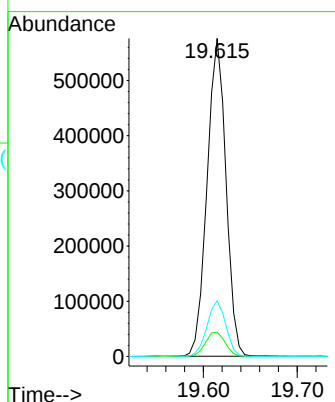


#75  
 Fluoranthene  
 Concen: 51.033 ng  
 RT: 19.615 min Scan# 2813  
 Delta R.T. -0.004 min  
 Lab File: BG064627.D  
 Acq: 29 Oct 2025 17:34

Instrument : BNA\_G  
 ClientSampleId : PR-132-S16-015094-20251021MS

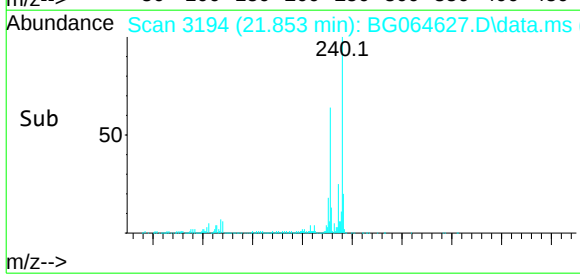
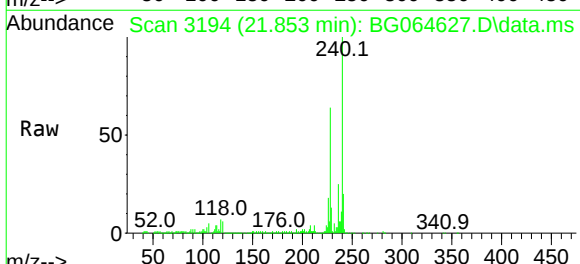
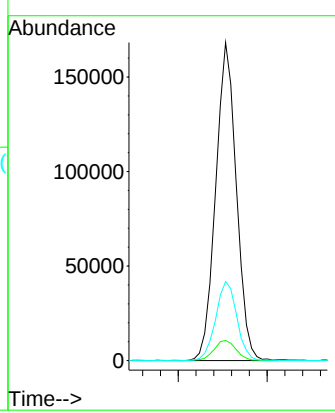


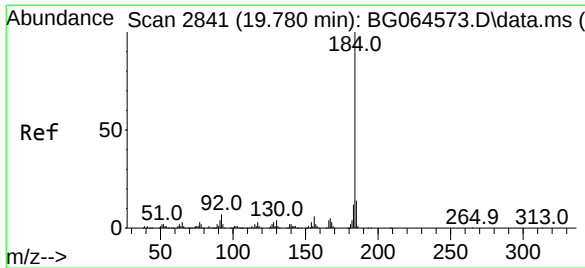
|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 202   | Resp: | 802773 |
| Ion      | Ratio | Lower | Upper  |
| 202      | 100   |       |        |
| 101      | 7.7   | 0.0   | 28.7   |
| 203      | 17.5  | 0.0   | 37.0   |



#76  
 Chrysene-d12  
 Concen: 20.000 ng  
 RT: 21.853 min Scan# 3194  
 Delta R.T. -0.010 min  
 Lab File: BG064627.D  
 Acq: 29 Oct 2025 17:34

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 240   | Resp: | 271892 |
| Ion      | Ratio | Lower | Upper  |
| 240      | 100   |       |        |
| 120      | 6.3   | 6.5   | 9.7#   |
| 236      | 24.8  | 20.2  | 30.2   |





#77

Benzidine

Concen: 41.873 ng

RT: 19.779 min Scan# 2841

Delta R.T. -0.004 min

Lab File: BG064627.D

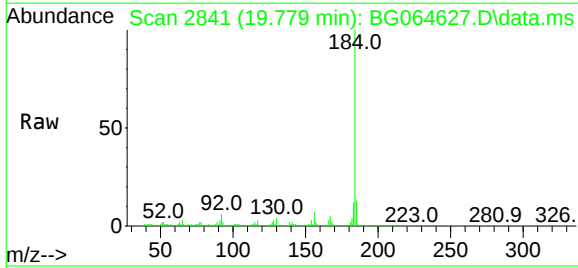
Acq: 29 Oct 2025 17:34

Instrument :

BNA\_G

ClientSampleId :

PR-132-S16-015094-20251021MS



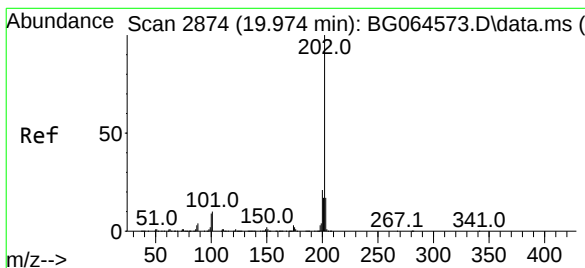
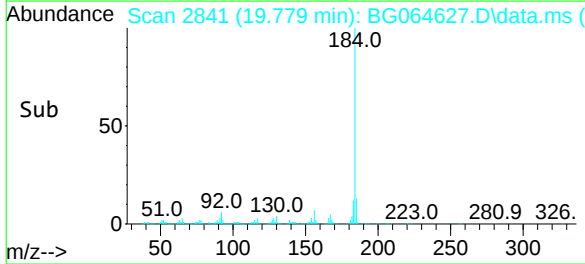
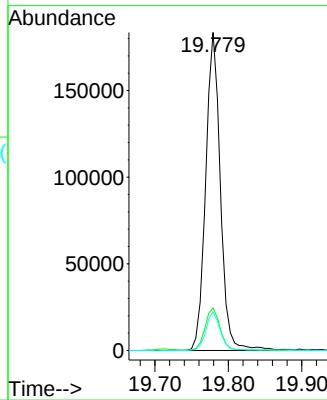
Tgt Ion:184 Resp: 255069

Ion Ratio Lower Upper

184 100

185 13.3 11.4 17.2

183 12.1 9.4 14.2



#78

Pyrene

Concen: 47.400 ng

RT: 19.973 min Scan# 2874

Delta R.T. -0.004 min

Lab File: BG064627.D

Acq: 29 Oct 2025 17:34

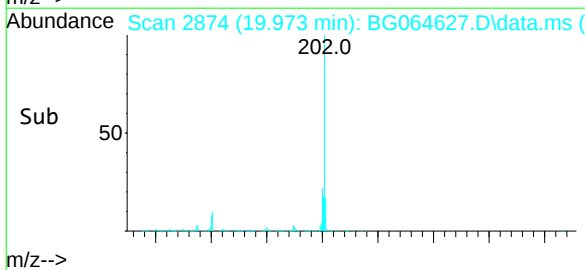
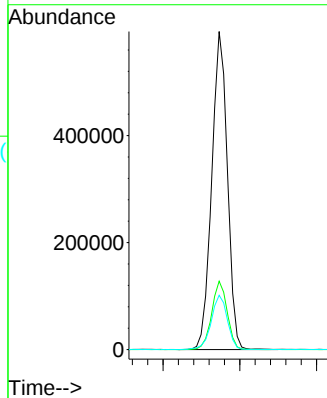
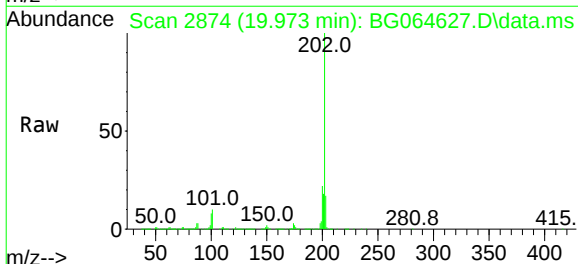
Tgt Ion:202 Resp: 842015

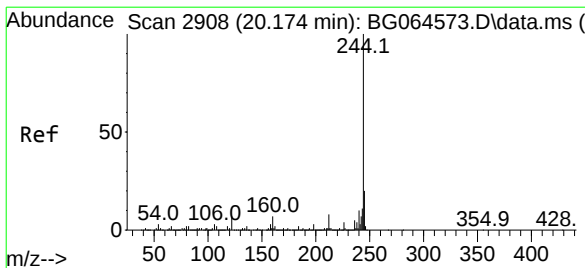
Ion Ratio Lower Upper

202 100

200 21.5 17.0 25.4

203 17.1 13.8 20.6





#79

Terphenyl-d14

Concen: 60.445 ng

RT: 20.167 min Scan# 29

Delta R.T. -0.010 min

Lab File: BG064627.D

Acq: 29 Oct 2025 17:34

Instrument :

BNA\_G

ClientSampleId :

PR-132-S16-015094-20251021MS

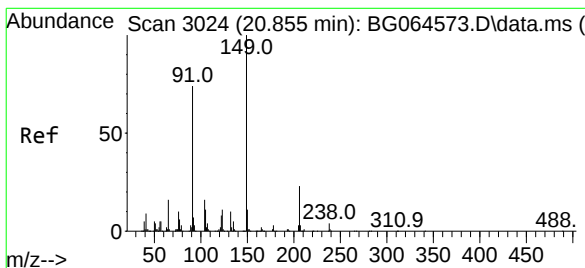
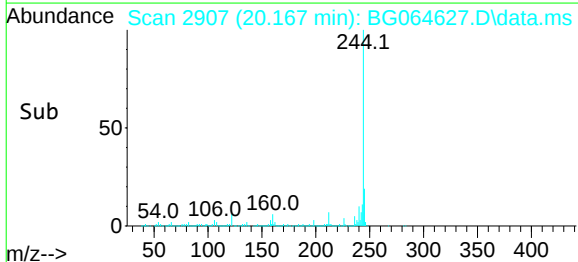
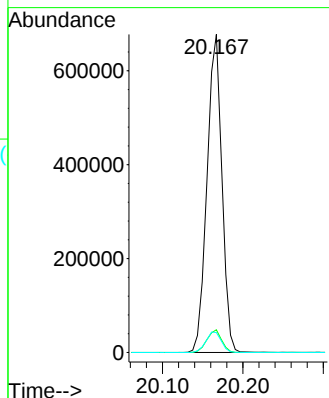
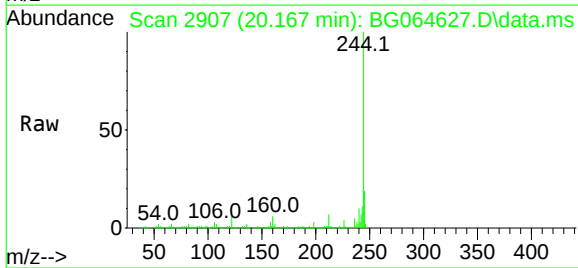
Tgt Ion:244 Resp: 870859

Ion Ratio Lower Upper

244 100

212 7.1 6.1 9.1

122 6.3 5.6 8.4



#80

Butylbenzylphthalate

Concen: 57.734 ng

RT: 20.849 min Scan# 3023

Delta R.T. -0.010 min

Lab File: BG064627.D

Acq: 29 Oct 2025 17:34

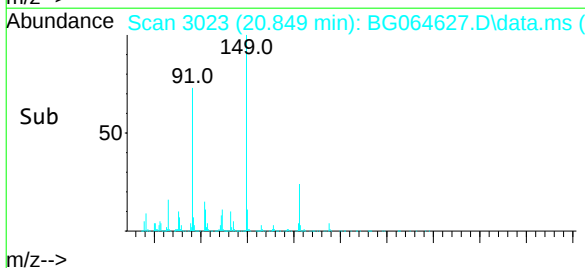
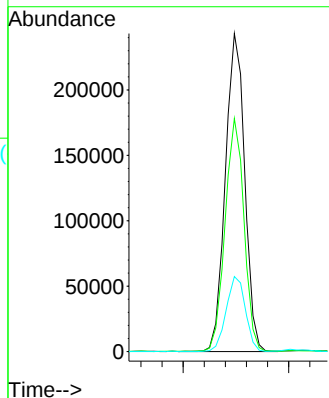
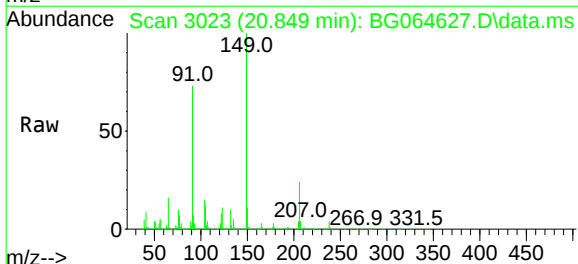
Tgt Ion:149 Resp: 309969

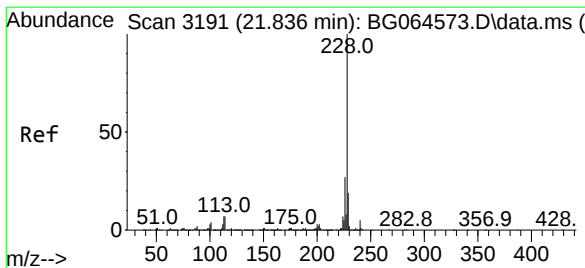
Ion Ratio Lower Upper

149 100

91 73.3 59.2 88.8

206 23.6 18.1 27.1





#81

Benzo(a)anthracene

Concen: 50.774 ng

RT: 21.836 min Scan# 31

Delta R.T. -0.004 min

Lab File: BG064627.D

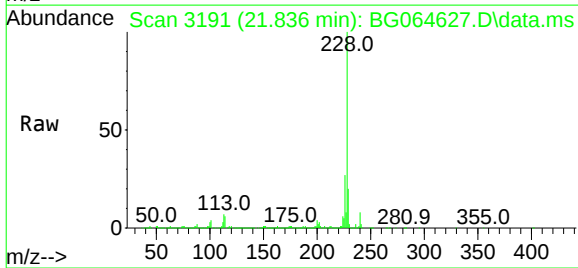
Acq: 29 Oct 2025 17:34

Instrument :

BNA\_G

ClientSampleId :

PR-132-S16-015094-20251021MS



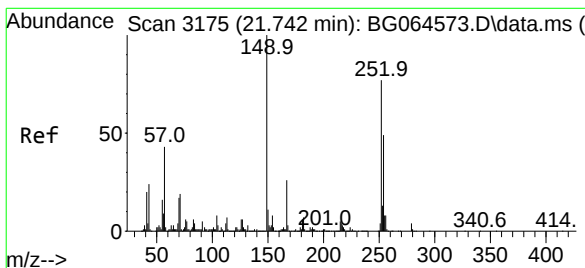
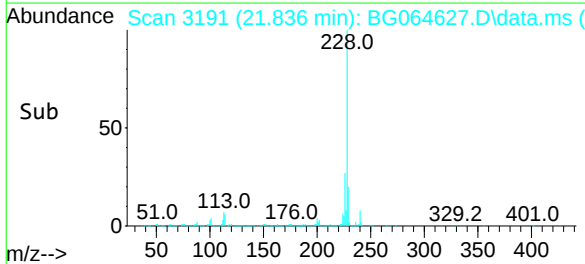
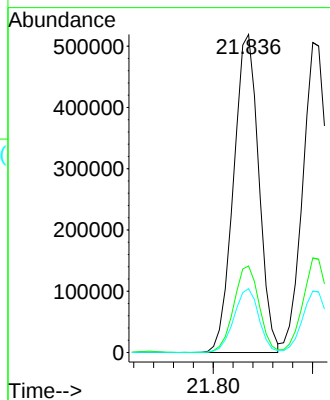
Tgt Ion:228 Resp: 915343

Ion Ratio Lower Upper

228 100

226 27.2 21.9 32.9

229 20.1 15.6 23.4



#82

3,3'-Dichlorobenzidine

Concen: 27.720 ng

RT: 21.736 min Scan# 3174

Delta R.T. -0.004 min

Lab File: BG064627.D

Acq: 29 Oct 2025 17:34

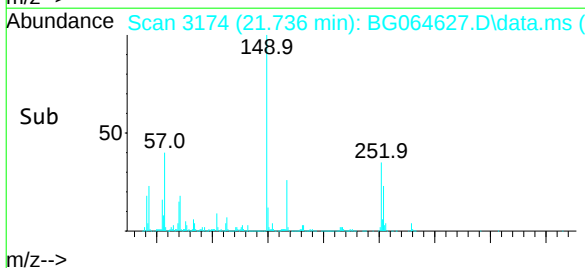
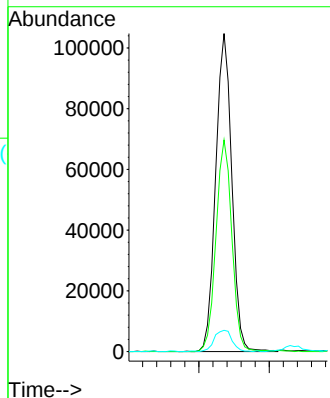
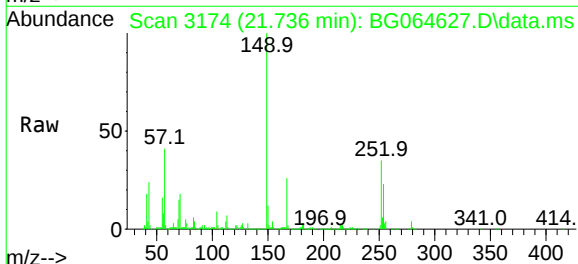
Tgt Ion:252 Resp: 166879

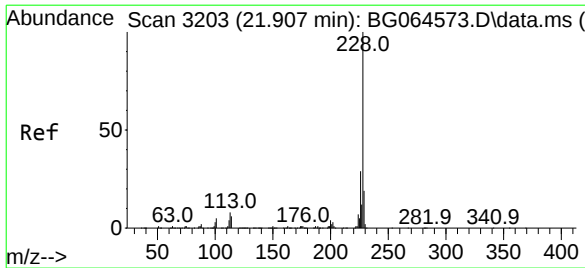
Ion Ratio Lower Upper

252 100

254 66.5 50.8 76.2

126 6.7 5.8 8.6





#83

Chrysene

Concen: 50.608 ng

RT: 21.900 min Scan# 32

Delta R.T. -0.010 min

Lab File: BG064627.D

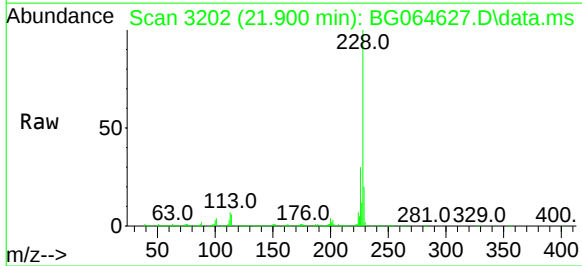
Acq: 29 Oct 2025 17:34

Instrument :

BNA\_G

ClientSampleId :

PR-132-S16-015094-20251021MS



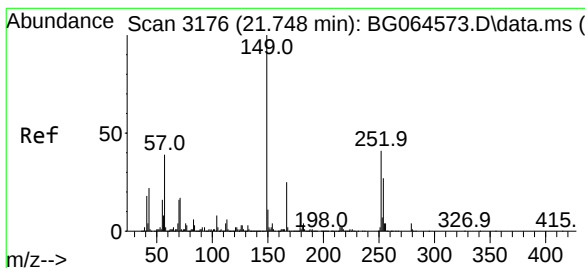
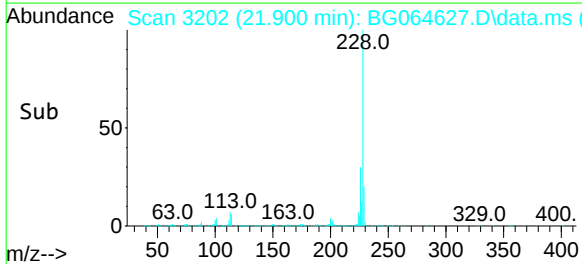
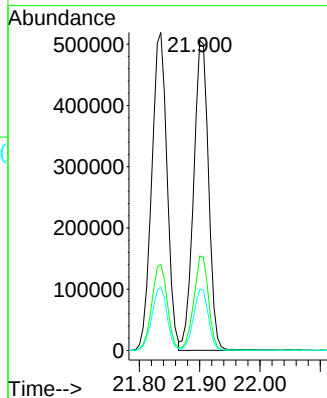
Tgt Ion:228 Resp: 868130

Ion Ratio Lower Upper

228 100

226 30.5 23.3 34.9

229 19.8 15.2 22.8



#84

Bis(2-ethylhexyl)phthalate

Concen: 56.183 ng

RT: 21.742 min Scan# 3175

Delta R.T. -0.010 min

Lab File: BG064627.D

Acq: 29 Oct 2025 17:34

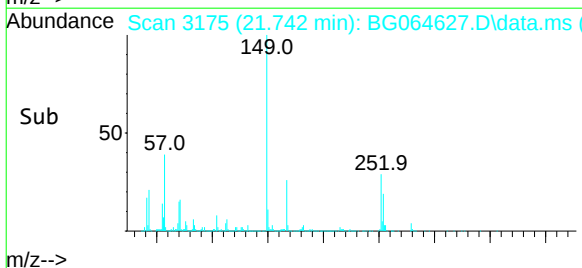
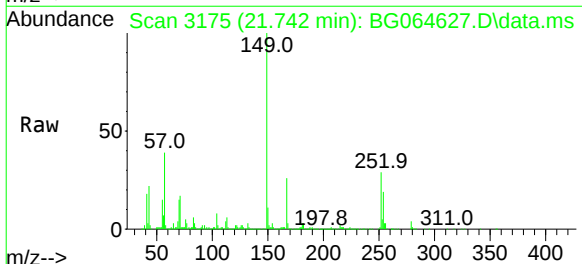
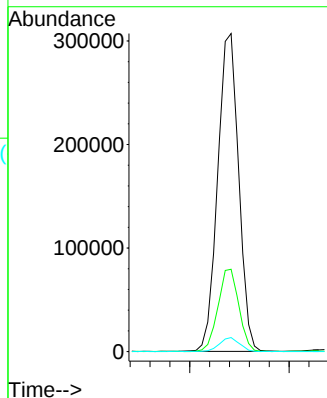
Tgt Ion:149 Resp: 450725

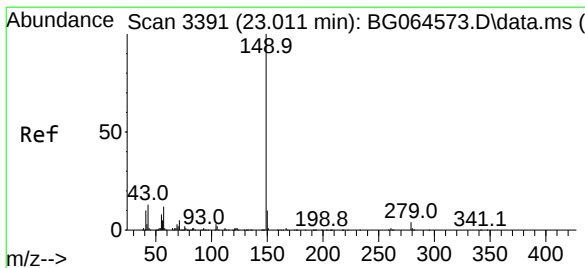
Ion Ratio Lower Upper

149 100

167 25.9 20.0 30.0

279 4.4 3.1 4.7





#85

Di-n-octyl phthalate

Concen: 57.277 ng

RT: 22.999 min Scan# 33

Delta R.T. -0.016 min

Lab File: BG064627.D

Acq: 29 Oct 2025 17:34

Instrument :

BNA\_G

ClientSampleId :

PR-132-S16-015094-20251021MS

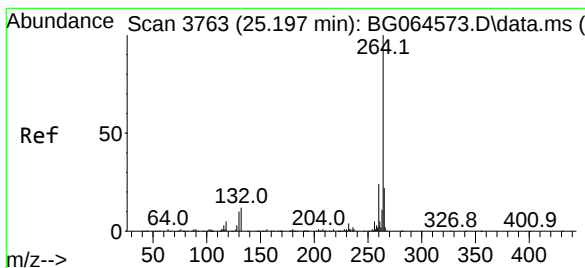
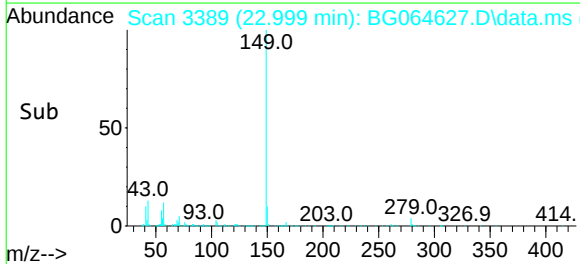
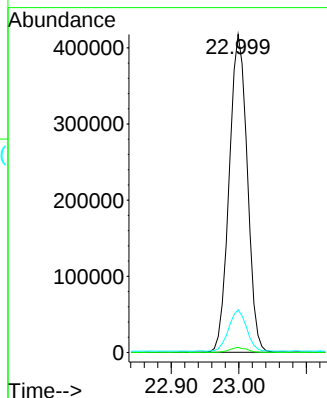
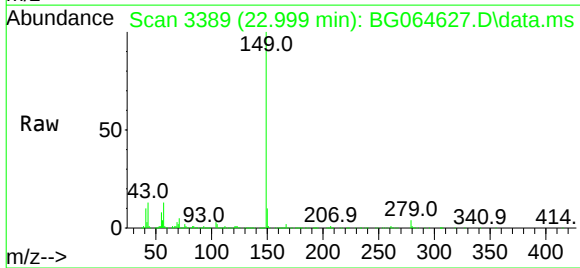
Tgt Ion:149 Resp: 774721

Ion Ratio Lower Upper

149 100

167 1.6 1.3 1.9

43 12.8 10.8 16.2



#86

Perylene-d12

Concen: 20.000 ng

RT: 25.191 min Scan# 3762

Delta R.T. -0.010 min

Lab File: BG064627.D

Acq: 29 Oct 2025 17:34

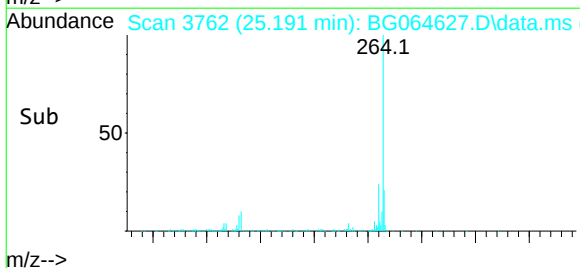
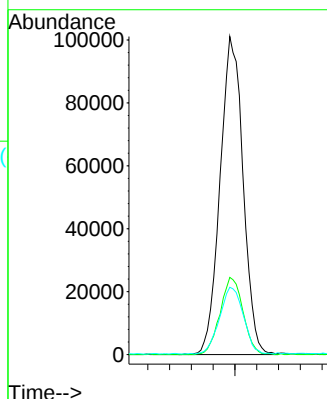
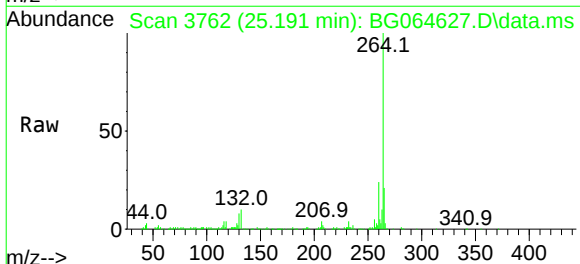
Tgt Ion:264 Resp: 296767

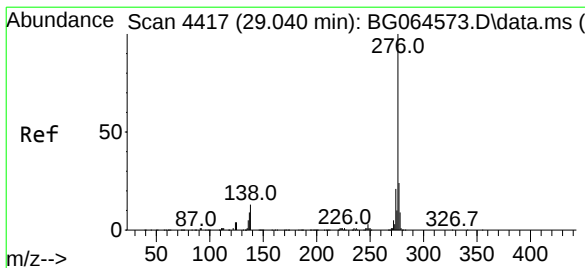
Ion Ratio Lower Upper

264 100

260 24.3 19.0 28.4

265 21.2 17.6 26.4





#87

Indeno(1,2,3-cd)pyrene

Concen: 51.200 ng

RT: 29.033 min Scan# 4417

Delta R.T. -0.028 min

Lab File: BG064627.D

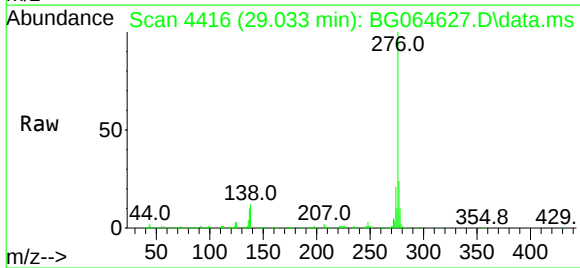
Acq: 29 Oct 2025 17:34

Instrument :

BNA\_G

ClientSampleId :

PR-132-S16-015094-20251021MS



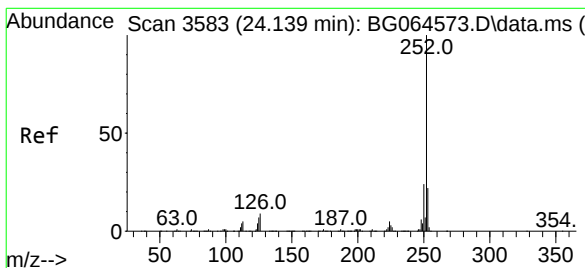
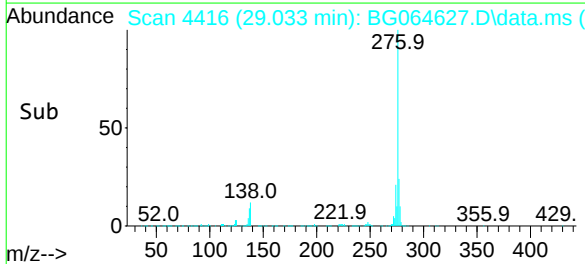
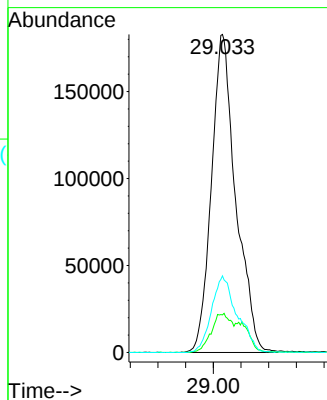
Tgt Ion:276 Resp: 1117747

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
|-----|-------|-------|-------|

|     |     |  |  |
|-----|-----|--|--|
| 276 | 100 |  |  |
|-----|-----|--|--|

|     |      |      |       |
|-----|------|------|-------|
| 138 | 10.1 | 10.8 | 16.2# |
|-----|------|------|-------|

|     |      |      |      |
|-----|------|------|------|
| 277 | 25.3 | 20.1 | 30.1 |
|-----|------|------|------|



#88

Benzo(b)fluoranthene

Concen: 50.237 ng

RT: 24.133 min Scan# 3582

Delta R.T. -0.010 min

Lab File: BG064627.D

Acq: 29 Oct 2025 17:34

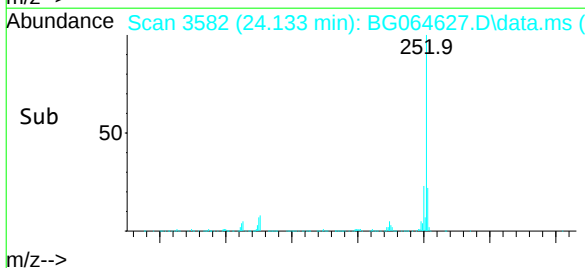
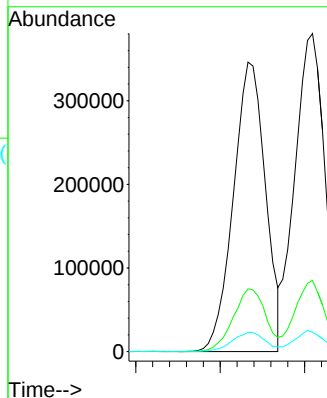
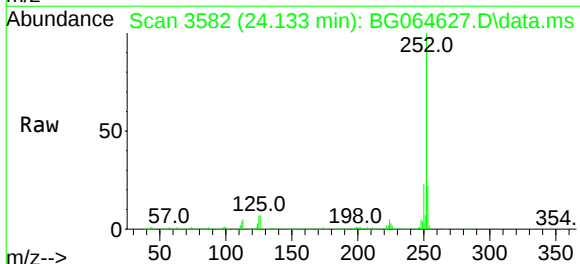
Tgt Ion:252 Resp: 914206

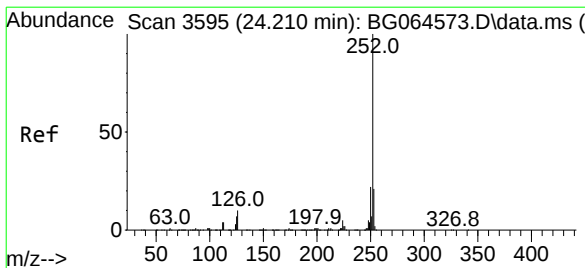
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
|-----|-------|-------|-------|

|     |     |  |  |
|-----|-----|--|--|
| 252 | 100 |  |  |
|-----|-----|--|--|

|     |      |      |      |
|-----|------|------|------|
| 253 | 21.7 | 17.8 | 26.8 |
|-----|------|------|------|

|     |     |     |     |
|-----|-----|-----|-----|
| 125 | 6.6 | 5.6 | 8.4 |
|-----|-----|-----|-----|





#89

Benzo(k)fluoranthene

Concen: 51.482 ng

RT: 24.209 min Scan# 3595

Delta R.T. -0.010 min

Lab File: BG064627.D

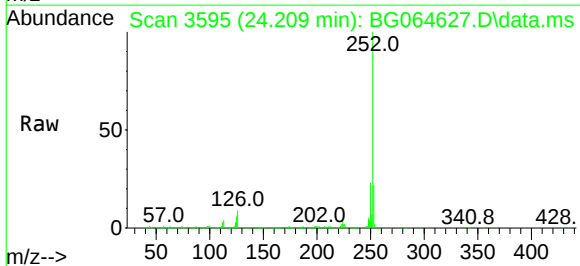
Acq: 29 Oct 2025 17:34

Instrument :

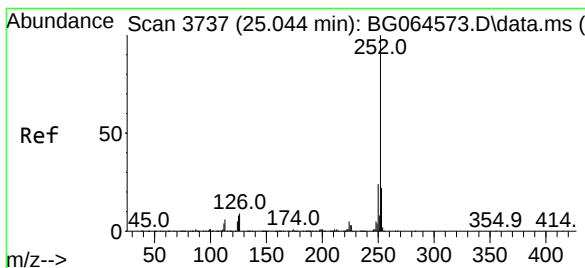
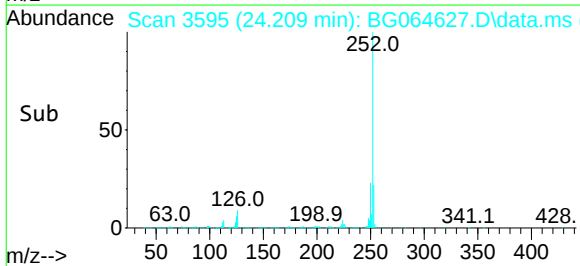
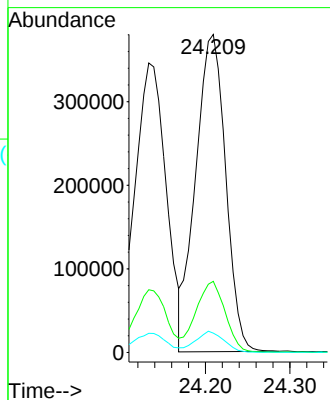
BNA\_G

ClientSampleId :

PR-132-S16-015094-20251021MS



|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 252   | Resp: | 937496 |
| Ion      | Ratio | Lower | Upper  |
| 252      | 100   |       |        |
| 253      | 22.4  | 16.8  | 25.2   |
| 125      | 6.1   | 5.4   | 8.0    |



#90

Benzo(a)pyrene

Concen: 52.828 ng

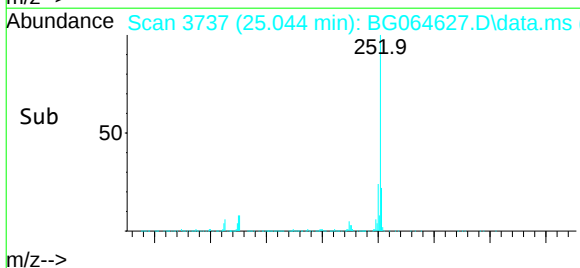
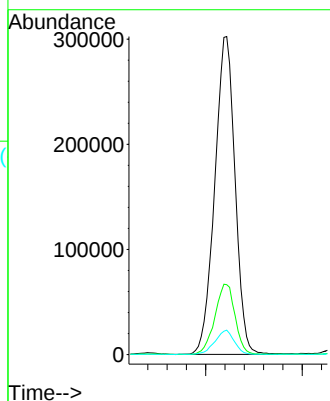
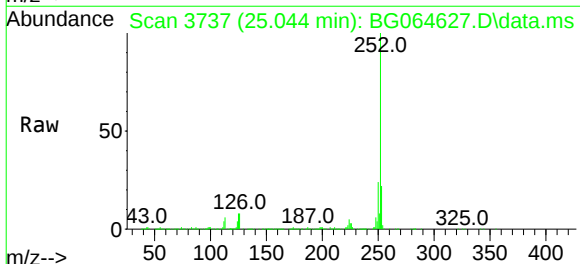
RT: 25.044 min Scan# 3737

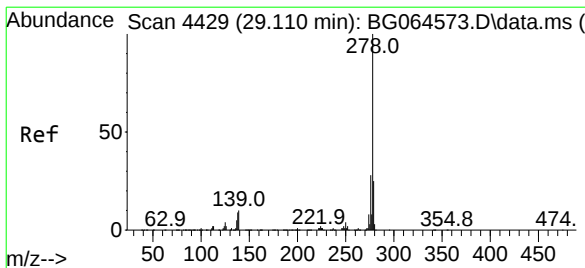
Delta R.T. -0.016 min

Lab File: BG064627.D

Acq: 29 Oct 2025 17:34

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 252   | Resp: | 883679 |
| Ion      | Ratio | Lower | Upper  |
| 252      | 100   |       |        |
| 253      | 22.0  | 17.6  | 26.4   |
| 125      | 7.7   | 6.1   | 9.1    |





#91

Dibenzo(a,h)anthracene

Concen: 51.696 ng

RT: 29.109 min Scan# 44

Delta R.T. -0.028 min

Lab File: BG064627.D

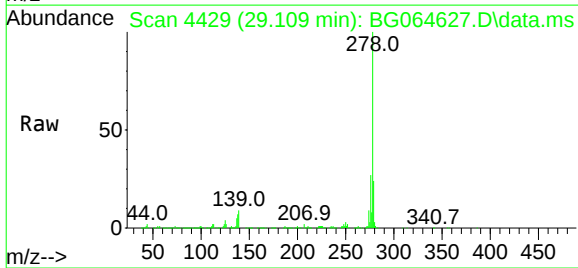
Acq: 29 Oct 2025 17:34

Instrument :

BNA\_G

ClientSampleId :

PR-132-S16-015094-20251021MS



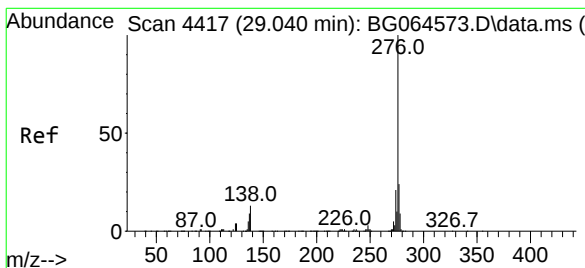
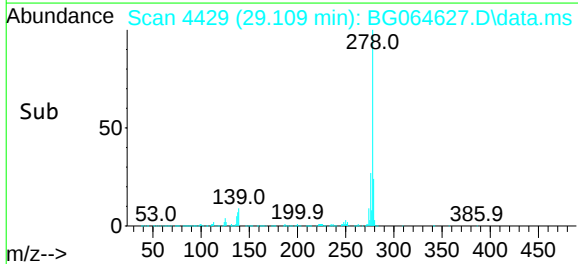
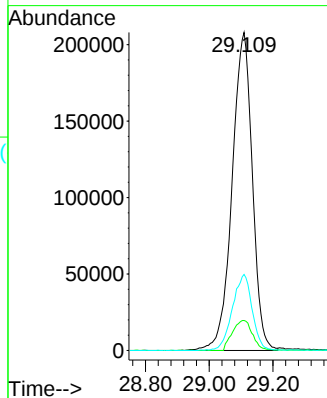
Tgt Ion:278 Resp: 916893

Ion Ratio Lower Upper

278 100

139 9.4 8.0 12.0

279 23.9 19.8 29.6



#92

Benzo(g,h,i)perylene

Concen: 51.200 ng

RT: 29.033 min Scan# 4416

Delta R.T. -0.028 min

Lab File: BG064627.D

Acq: 29 Oct 2025 17:34

Tgt Ion:276 Resp: 1117747

Ion Ratio Lower Upper

276 100

277 24.1 19.2 28.8

138 11.8 10.7 16.1

