

Data Path : Z:\svoasrv\HPCHEM1\BNA\_G\Data\BG030525\  
 Data File : BG064047.D  
 Acq On : 5 Mar 2025 10:22  
 Operator : RC/JU  
 Sample : SSTDICC010  
 Misc :  
 ALS Vial : 4 Sample Multiplier: 1

Instrument :  
 BNA\_G  
 ClientSampleId :  
 SSTDICC010

Quant Time: Mar 05 15:21:34 2025  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_G\Methods\8270-BG030525.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Wed Mar 05 14:45:06 2025  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc   | Units | Dev(Min) |
|-------------------------------|--------|------|----------|--------|-------|----------|
| -----                         |        |      |          |        |       |          |
| Internal Standards            |        |      |          |        |       |          |
| 1) 1,4-Dichlorobenzene-d4     | 7.867  | 152  | 31108    | 20.000 | ng    | 0.00     |
| 21) Naphthalene-d8            | 10.652 | 136  | 139041   | 20.000 | ng    | 0.00     |
| 39) Acenaphthene-d10          | 14.489 | 164  | 93753    | 20.000 | ng    | 0.00     |
| 64) Phenanthrene-d10          | 17.227 | 188  | 216134   | 20.000 | ng    | 0.00     |
| 76) Chrysene-d12              | 21.457 | 240  | 243131   | 20.000 | ng    | 0.00     |
| 86) Perylene-d12              | 24.471 | 264  | 255316   | 20.000 | ng    | 0.00     |
| System Monitoring Compounds   |        |      |          |        |       |          |
| 5) 2-Fluorophenol             | 5.446  | 112  | 38583    | 19.366 | ng    | 0.00     |
| 7) Phenol-d6                  | 7.027  | 99   | 50726    | 18.716 | ng    | 0.00     |
| 23) Nitrobenzene-d5           | 9.013  | 82   | 41723    | 16.583 | ng    | 0.00     |
| 42) 2,4,6-Tribromophenol      | 15.969 | 330  | 17898    | 17.174 | ng    | 0.00     |
| 45) 2-Fluorobiphenyl          | 13.114 | 172  | 122799   | 19.881 | ng    | 0.00     |
| 79) Terphenyl-d14             | 19.847 | 244  | 248866   | 20.697 | ng    | 0.00     |
| Target Compounds              |        |      |          |        |       |          |
|                               |        |      |          |        |       | Qvalue   |
| 2) 1,4-Dioxane                | 3.378  | 88   | 9415     | 10.428 | ng    | 97       |
| 3) Pyridine                   | 3.760  | 79   | 22471    | 10.233 | ng    | 93       |
| 4) n-Nitrosodimethylamine     | 3.678  | 42   | 15180    | 9.676  | ng    | # 99     |
| 6) Aniline                    | 7.191  | 93   | 25976    | 9.767  | ng    | 98       |
| 8) 2-Chlorophenol             | 7.432  | 128  | 20803    | 9.722  | ng    | 95       |
| 9) Benzaldehyde               | 7.003  | 77   | 17935    | 11.321 | ng    | 97       |
| 10) Phenol                    | 7.050  | 94   | 26326    | 9.487  | ng    | 98       |
| 11) bis(2-Chloroethyl)ether   | 7.285  | 93   | 22457    | 10.323 | ng    | 96       |
| 12) 1,3-Dichlorobenzene       | 7.755  | 146  | 23941    | 10.189 | ng    | 90       |
| 13) 1,4-Dichlorobenzene       | 7.896  | 146  | 24047    | 9.985  | ng    | 93       |
| 14) 1,2-Dichlorobenzene       | 8.214  | 146  | 22764    | 9.802  | ng    | 91       |
| 15) Benzyl Alcohol            | 8.096  | 79   | 19422    | 9.274  | ng    | 95       |
| 16) 2,2'-oxybis(1-Chloropr... | 8.390  | 45   | 47034    | 9.615  | ng    | 97       |
| 17) 2-Methylphenol            | 8.296  | 107  | 17355    | 9.424  | ng    | 94       |
| 18) Hexachloroethane          | 8.948  | 117  | 8075     | 9.583  | ng    | 90       |
| 19) n-Nitroso-di-n-propyla... | 8.660  | 70   | 17996    | 9.461  | ng    | # 95     |
| 20) 3+4-Methylphenols         | 8.625  | 107  | 23611    | 9.313  | ng    | 93       |
| 22) Acetophenone              | 8.678  | 105  | 36468    | 9.566  | ng    | # 91     |
| 24) Nitrobenzene              | 9.054  | 77   | 22242    | 8.554  | ng    | # 96     |
| 25) Isophorone                | 9.577  | 82   | 46752    | 9.284  | ng    | 97       |
| 26) 2-Nitrophenol             | 9.765  | 139  | 5521     | 9.891  | ng    | # 79     |
| 27) 2,4-Dimethylphenol        | 9.823  | 122  | 13030    | 8.631  | ng    | 90       |
| 28) bis(2-Chloroethoxy)met... | 10.064 | 93   | 28970    | 9.488  | ng    | 98       |
| 29) 2,4-Dichlorophenol        | 10.293 | 162  | 16635    | 8.726  | ng    | 96       |
| 30) 1,2,4-Trichlorobenzene    | 10.517 | 180  | 22045    | 9.579  | ng    | 96       |
| 31) Naphthalene               | 10.699 | 128  | 72491    | 9.669  | ng    | 98       |
| 32) Benzoic acid              | 9.970  | 122  | 483      | 8.950  | ng    | # 45     |
| 33) 4-Chloroaniline           | 10.805 | 127  | 25282    | 9.226  | ng    | # 92     |
| 34) Hexachlorobutadiene       | 10.993 | 225  | 14828    | 9.830  | ng    | 99       |
| 35) Caprolactam               | 11.539 | 113  | 6357     | 8.702  | ng    | # 91     |
| 36) 4-Chloro-3-methylphenol   | 11.921 | 107  | 22970    | 9.192  | ng    | 97       |
| 37) 2-Methylnaphthalene       | 12.309 | 142  | 50557    | 9.552  | ng    | 100      |
| 38) 1-Methylnaphthalene       | 12.526 | 142  | 50620    | 9.762  | ng    | # 92     |
| 40) 1,2,4,5-Tetrachloroben... | 12.679 | 216  | 27386    | 10.232 | ng    | 98       |
| 41) Hexachlorocyclopentadiene | 12.667 | 237  | 6015     | 7.985  | ng    | 90       |
| 43) 2,4,6-Trichlorophenol     | 12.914 | 196  | 13713    | 8.693  | ng    | 95       |

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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Wed Mar 05 14:45:06 2025  
 Response via : Initial Calibration

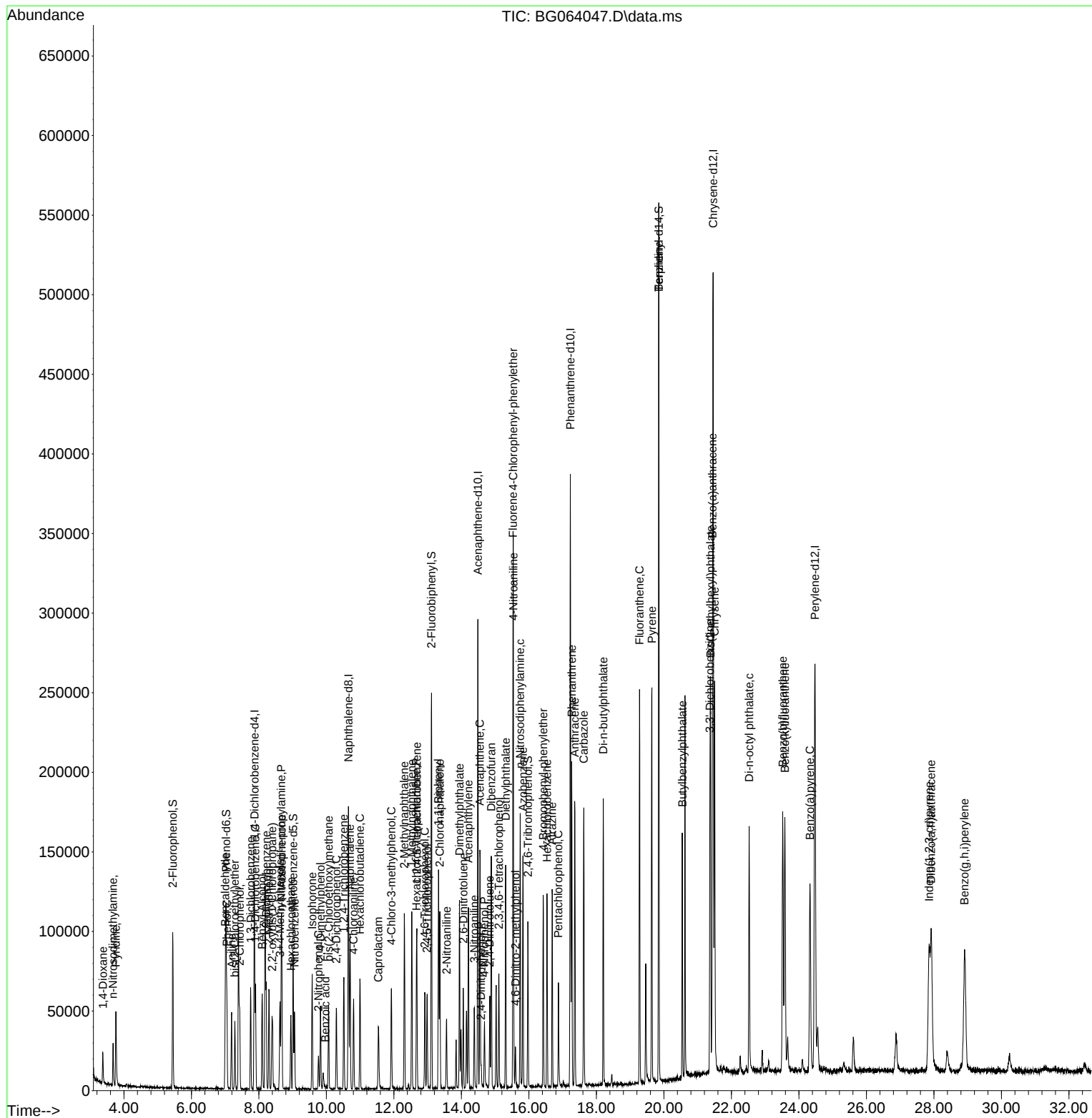
| Compound                      | R.T.   | QIon | Response | Conc   | Units | Dev(Min) |
|-------------------------------|--------|------|----------|--------|-------|----------|
| 44) 2,4,5-Trichlorophenol     | 12.979 | 196  | 15468    | 8.825  | ng    | 95       |
| 46) 1,1'-Biphenyl             | 13.319 | 154  | 70250    | 9.918  | ng    | 94       |
| 47) 2-Chloronaphthalene       | 13.360 | 162  | 50394    | 9.755  | ng    | 98       |
| 48) 2-Nitroaniline            | 13.560 | 65   | 10834    | 9.850  | ng    | 90       |
| 49) Acenaphthylene            | 14.207 | 152  | 78614    | 9.621  | ng    | 96       |
| 50) Dimethylphthalate         | 13.942 | 163  | 65659    | 9.487  | ng    | # 95     |
| 51) 2,6-Dinitrotoluene        | 14.054 | 165  | 9373     | 9.566  | ng    | 90       |
| 52) Acenaphthene              | 14.547 | 154  | 54929    | 9.996  | ng    | 95       |
| 53) 3-Nitroaniline            | 14.383 | 138  | 10697    | 7.997  | ng    | 98       |
| 54) 2,4-Dinitrophenol         | 14.583 | 184  | 3090     | 12.640 | ng    | # 74     |
| 55) Dibenzofuran              | 14.882 | 168  | 88163    | 9.924  | ng    | 97       |
| 56) 4-Nitrophenol             | 14.682 | 139  | 7683     | 6.849  | ng    | # 88     |
| 57) 2,4-Dinitrotoluene        | 14.835 | 165  | 11947    | 9.344  | ng    | # 95     |
| 58) Fluorene                  | 15.528 | 166  | 67954    | 9.821  | ng    | 96       |
| 59) 2,3,4,6-Tetrachlorophenol | 15.111 | 232  | 15282    | 8.943  | ng    | 99       |
| 60) Diethylphthalate          | 15.311 | 149  | 70346    | 9.363  | ng    | 96       |
| 61) 4-Chlorophenyl-phenyle... | 15.534 | 204  | 34862    | 10.139 | ng    | 95       |
| 62) 4-Nitroaniline            | 15.540 | 138  | 12324    | 8.534  | ng    | 89       |
| 63) Azobenzene                | 15.822 | 77   | 77127    | 9.620  | ng    | 98       |
| 65) 4,6-Dinitro-2-methylph... | 15.605 | 198  | 5373     | 12.953 | ng    | 97       |
| 66) n-Nitrosodiphenylamine    | 15.740 | 169  | 59511    | 9.727  | ng    | 99       |
| 67) 4-Bromophenyl-phenylether | 16.422 | 248  | 21085    | 9.525  | ng    | 97       |
| 68) Hexachlorobenzene         | 16.539 | 284  | 24406    | 9.848  | ng    | # 89     |
| 69) Atrazine                  | 16.686 | 200  | 20585    | 11.436 | ng    | 92       |
| 70) Pentachlorophenol         | 16.874 | 266  | 11318    | 7.355  | ng    | # 87     |
| 71) Phenanthrene              | 17.268 | 178  | 111754   | 9.694  | ng    | 97       |
| 72) Anthracene                | 17.356 | 178  | 112451   | 9.810  | ng    | 99       |
| 73) Carbazole                 | 17.626 | 167  | 106750   | 9.974  | ng    | 98       |
| 74) Di-n-butylphthalate       | 18.202 | 149  | 118366   | 9.396  | ng    | 97       |
| 75) Fluoranthene              | 19.277 | 202  | 142097   | 10.224 | ng    | 98       |
| 77) Benzidine                 | 19.847 | 184  | 4461     | 1.307  | ng    | 96       |
| 78) Pyrene                    | 19.641 | 202  | 156414   | 9.980  | ng    | 99       |
| 80) Butylbenzylphthalate      | 20.546 | 149  | 40179    | 9.952  | ng    | # 88     |
| 81) Benzo(a)anthracene        | 21.439 | 228  | 154113   | 9.895  | ng    | 97       |
| 82) 3,3'-Dichlorobenzidine    | 21.363 | 252  | 48080    | 9.539  | ng    | # 93     |
| 83) Chrysene                  | 21.504 | 228  | 149887   | 9.649  | ng    | 98       |
| 84) Bis(2-ethylhexyl)phtha... | 21.380 | 149  | 70780    | 8.403  | ng    | 95       |
| 85) Di-n-octyl phthalate      | 22.526 | 149  | 108389   | 7.461  | ng    | 97       |
| 87) Indeno(1,2,3-cd)pyrene    | 27.855 | 276  | 157212   | 9.203  | ng    | # 75     |
| 88) Benzo(b)fluoranthene      | 23.519 | 252  | 146238   | 9.475  | ng    | 98       |
| 89) Benzo(k)fluoranthene      | 23.584 | 252  | 151826   | 9.805  | ng    | 97       |
| 90) Benzo(a)pyrene            | 24.330 | 252  | 130528   | 9.496  | ng    | 96       |
| 91) Dibenzo(a,h)anthracene    | 27.914 | 278  | 132272   | 9.340  | ng    | # 97     |
| 92) Benzo(g,h,i)perylene      | 28.907 | 276  | 139536   | 9.596  | ng    | 97       |

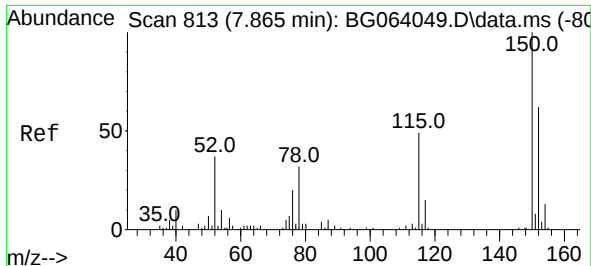
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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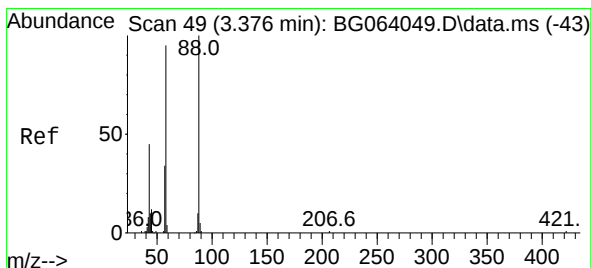
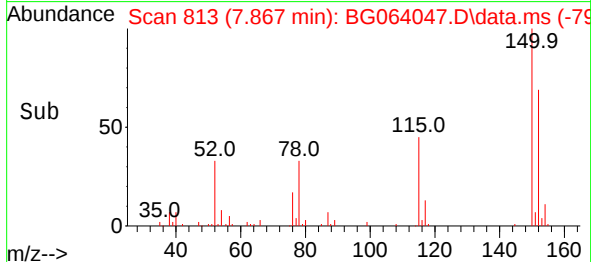
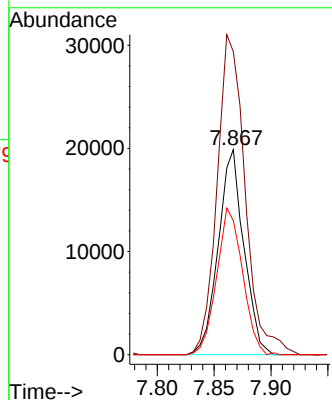
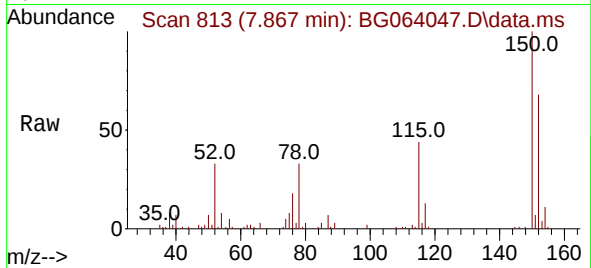




#1  
1,4-Dichlorobenzene-d4  
Concen: 20.000 ng  
RT: 7.867 min Scan# 81  
Delta R.T. 0.002 min  
Lab File: BG064047.D  
Acq: 5 Mar 2025 10:22

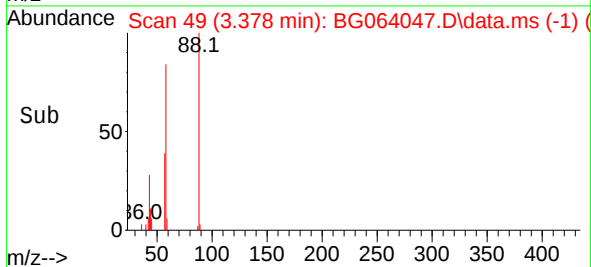
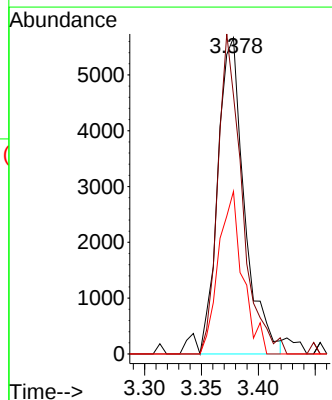
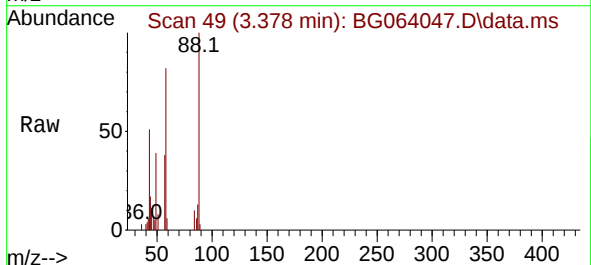
Instrument :  
BNA\_G  
ClientSampleId :  
SSTDICC010

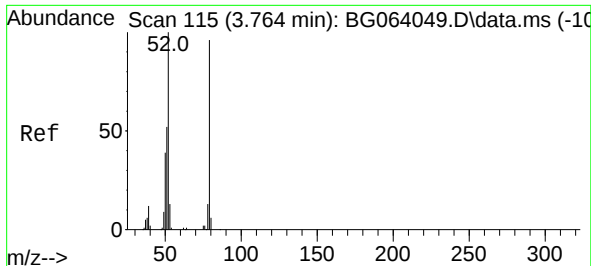
Tgt Ion:152 Resp: 31108  
Ion Ratio Lower Upper  
152 100  
150 147.8 129.2 193.8  
115 65.4 63.0 94.6



#2  
1,4-Dioxane  
Concen: 10.428 ng  
RT: 3.378 min Scan# 49  
Delta R.T. 0.002 min  
Lab File: BG064047.D  
Acq: 5 Mar 2025 10:22

Tgt Ion: 88 Resp: 9415  
Ion Ratio Lower Upper  
88 100  
58 89.7 74.6 111.8  
43 45.8 35.5 53.3





#3

Pyridine

Concen: 10.233 ng

RT: 3.760 min Scan# 115

Delta R.T. -0.004 min

Lab File: BG064047.D

Acq: 5 Mar 2025 10:22

Instrument :

BNA\_G

ClientSampleId :

SSTDICC010

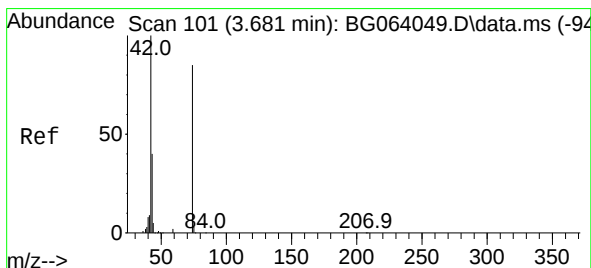
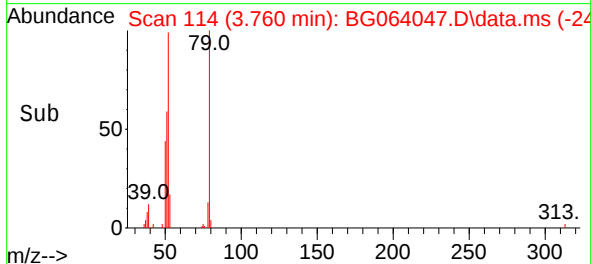
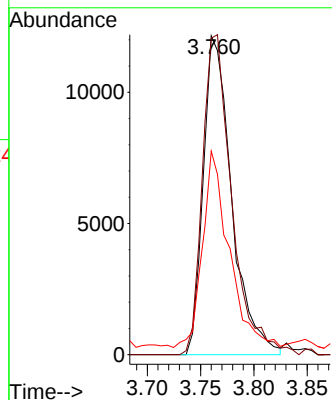
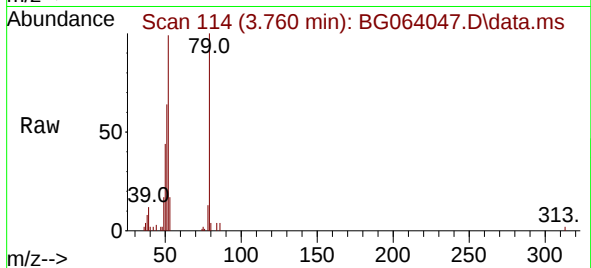
Tgt Ion: 79 Resp: 22471

Ion Ratio Lower Upper

79 100

52 99.2 83.0 124.6

51 63.8 44.3 66.5



#4

n-Nitrosodimethylamine

Concen: 9.676 ng

RT: 3.678 min Scan# 100

Delta R.T. -0.004 min

Lab File: BG064047.D

Acq: 5 Mar 2025 10:22

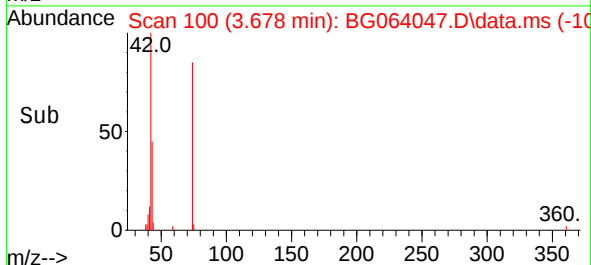
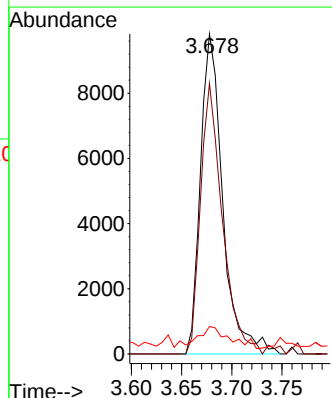
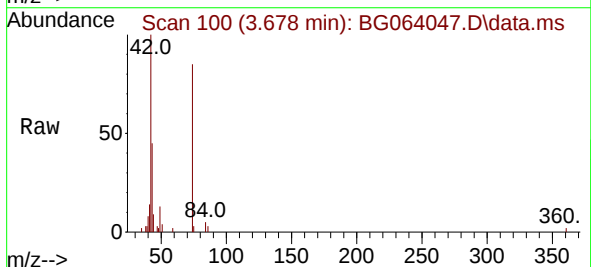
Tgt Ion: 42 Resp: 15180

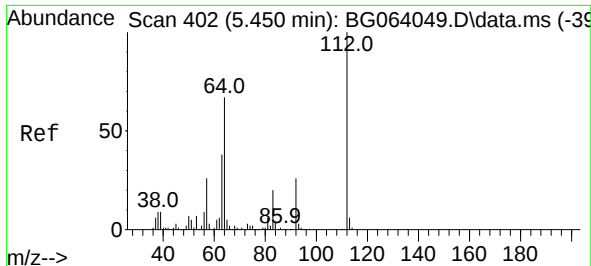
Ion Ratio Lower Upper

42 100

74 84.6 68.0 102.0

44 8.6 4.9 7.3#

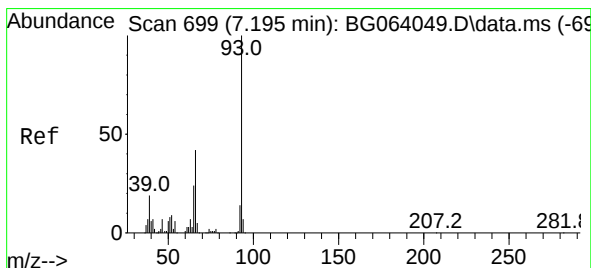
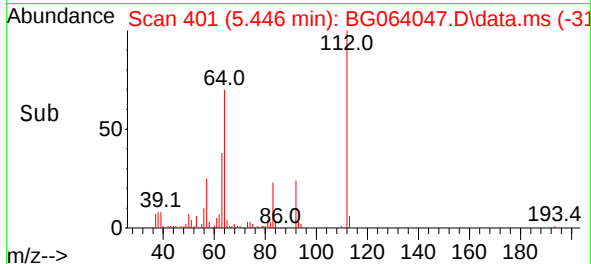
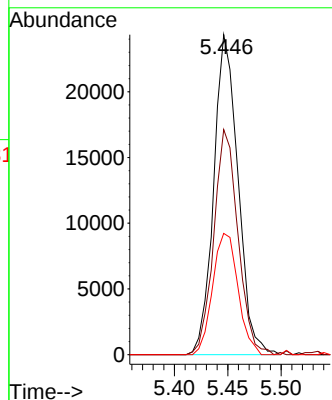
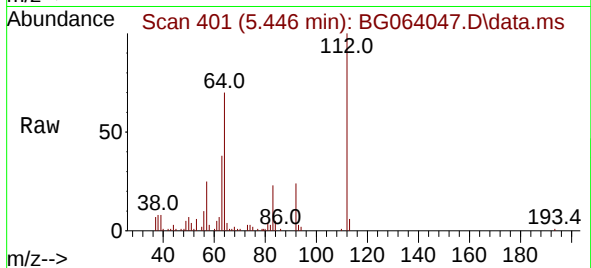




#5  
2-Fluorophenol  
Concen: 19.366 ng  
RT: 5.446 min Scan# 401  
Delta R.T. -0.004 min  
Lab File: BG064047.D  
Acq: 5 Mar 2025 10:22

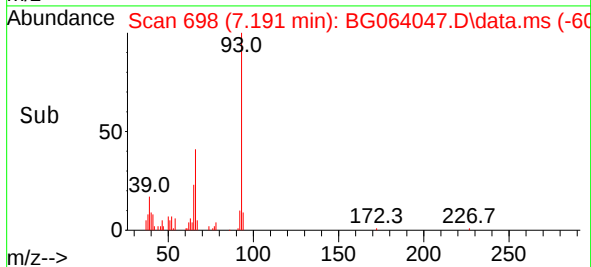
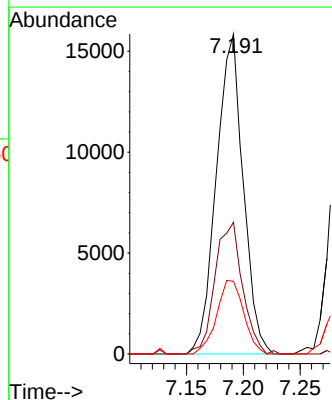
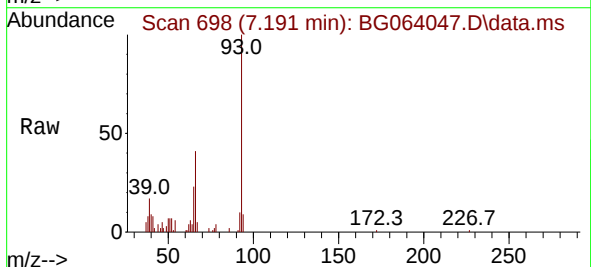
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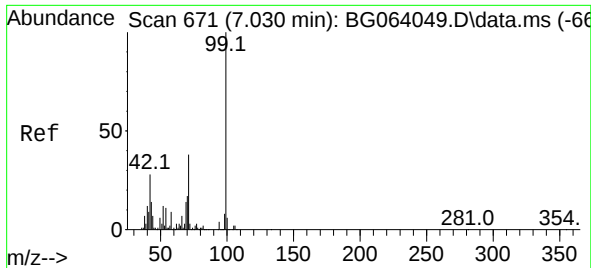
Tgt Ion:112 Resp: 38583  
Ion Ratio Lower Upper  
112 100  
64 70.4 53.7 80.5  
63 37.9 30.2 45.4



#6  
Aniline  
Concen: 9.767 ng  
RT: 7.191 min Scan# 698  
Delta R.T. -0.004 min  
Lab File: BG064047.D  
Acq: 5 Mar 2025 10:22

Tgt Ion: 93 Resp: 25976  
Ion Ratio Lower Upper  
93 100  
66 41.2 33.7 50.5  
65 22.7 19.1 28.7

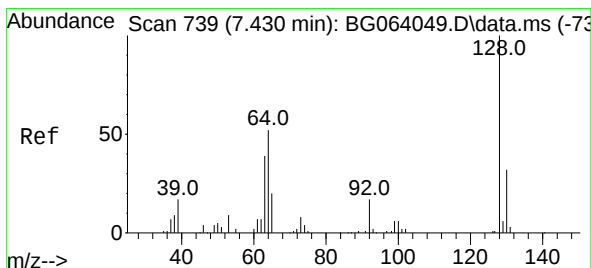
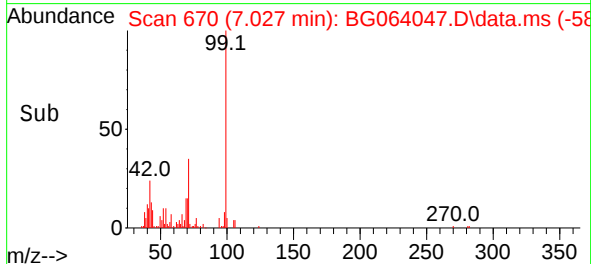
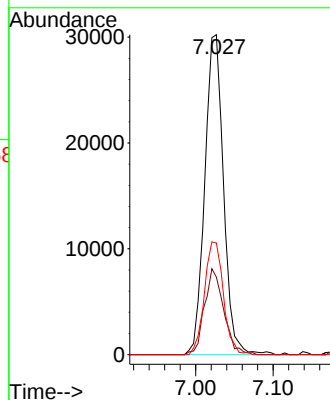
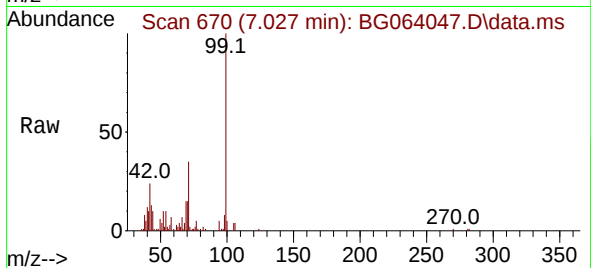




#7  
Phenol-d6  
Concen: 18.716 ng  
RT: 7.027 min Scan# 61  
Delta R.T. -0.004 min  
Lab File: BG064047.D  
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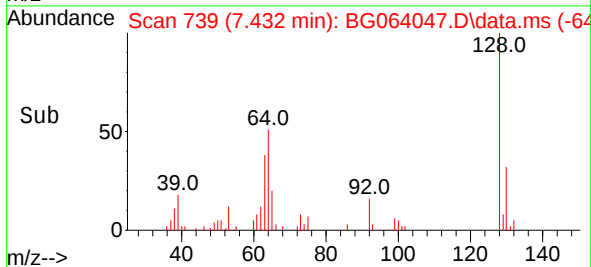
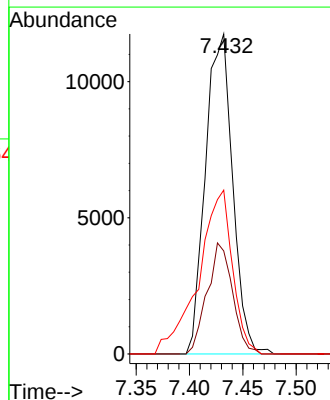
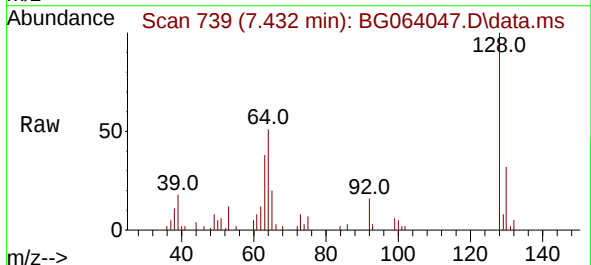
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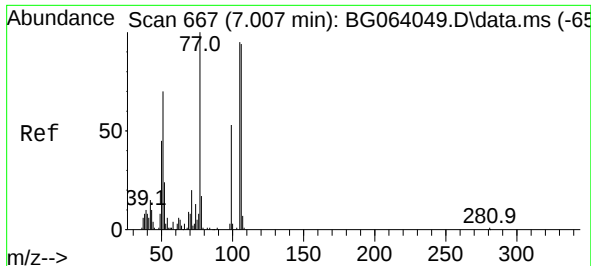
Tgt Ion: 99 Resp: 50726  
Ion Ratio Lower Upper  
99 100  
42 24.2 22.7 34.1  
71 34.9 30.6 46.0



#8  
2-Chlorophenol  
Concen: 9.722 ng  
RT: 7.432 min Scan# 739  
Delta R.T. 0.002 min  
Lab File: BG064047.D  
Acq: 5 Mar 2025 10:22

Tgt Ion: 128 Resp: 20803  
Ion Ratio Lower Upper  
128 100  
130 32.2 12.3 52.3  
64 51.2 37.0 77.0

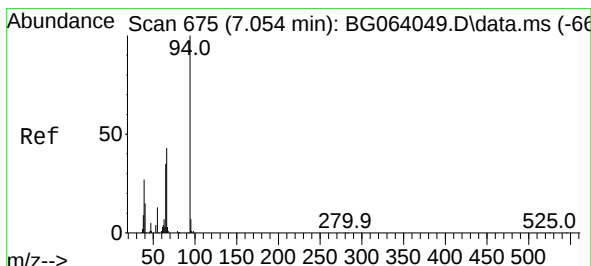
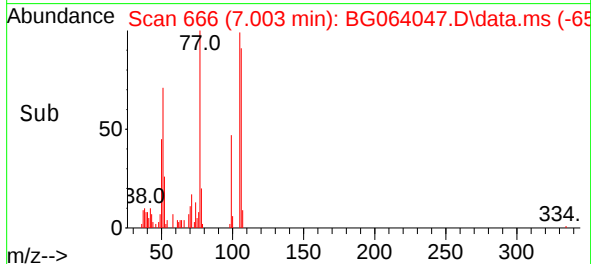
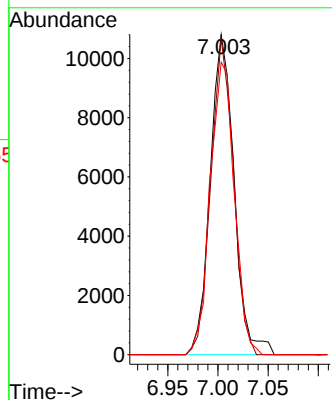
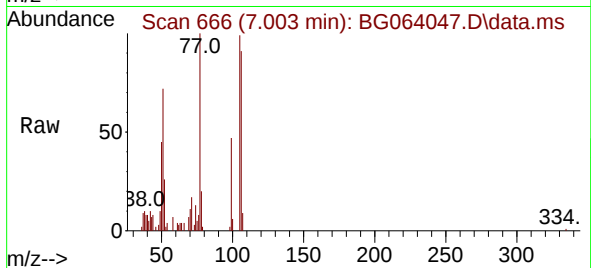




#9  
Benzaldehyde  
Concen: 11.321 ng  
RT: 7.003 min Scan# 61  
Delta R.T. -0.004 min  
Lab File: BG064047.D  
Acq: 5 Mar 2025 10:22

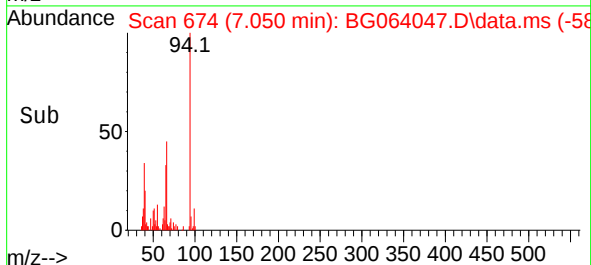
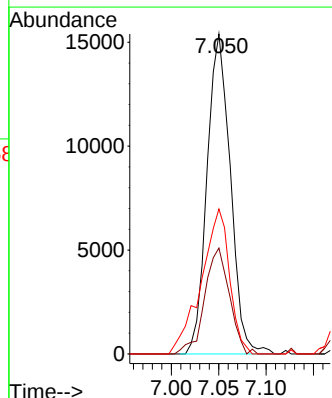
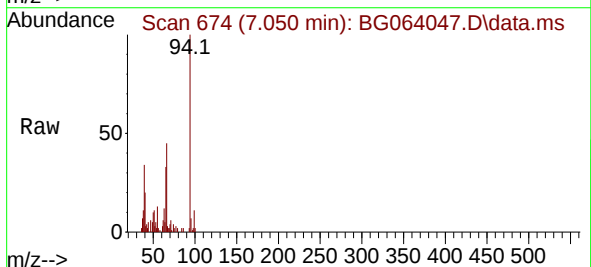
Instrument :  
BNA\_G  
ClientSampleId :  
SSTDICC010

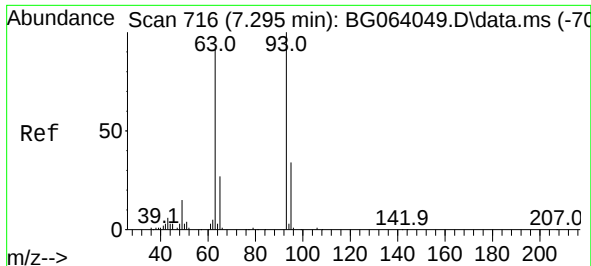
Tgt Ion: 77 Resp: 17935  
Ion Ratio Lower Upper  
77 100  
105 98.8 75.5 115.5  
106 91.4 74.2 114.2



#10  
Phenol  
Concen: 9.487 ng  
RT: 7.050 min Scan# 674  
Delta R.T. -0.004 min  
Lab File: BG064047.D  
Acq: 5 Mar 2025 10:22

Tgt Ion: 94 Resp: 26326  
Ion Ratio Lower Upper  
94 100  
65 33.1 15.2 55.2  
66 45.3 25.1 65.1

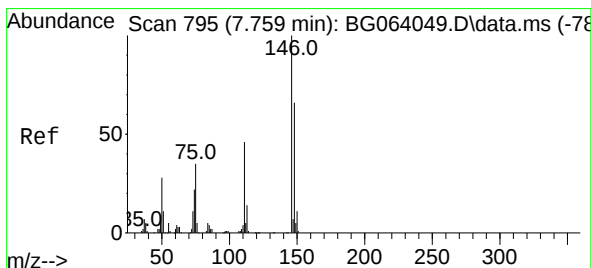
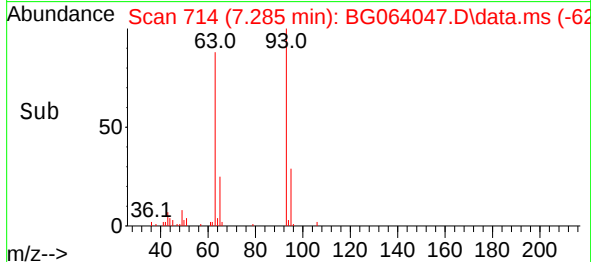
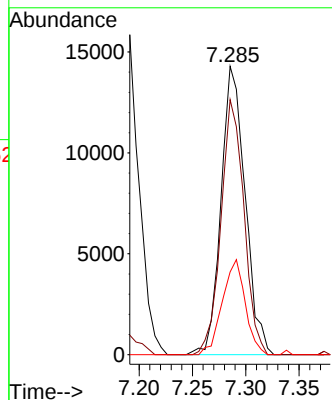
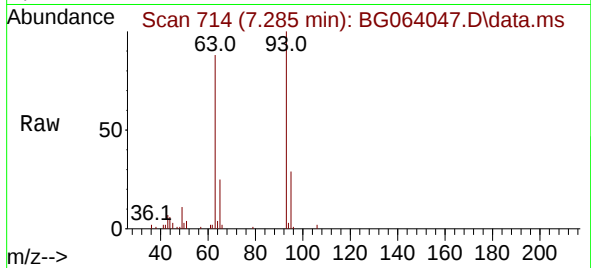




#11  
bis(2-Chloroethyl)ether  
Concen: 10.323 ng  
RT: 7.285 min Scan# 714  
Delta R.T. -0.010 min  
Lab File: BG064047.D  
Acq: 5 Mar 2025 10:22

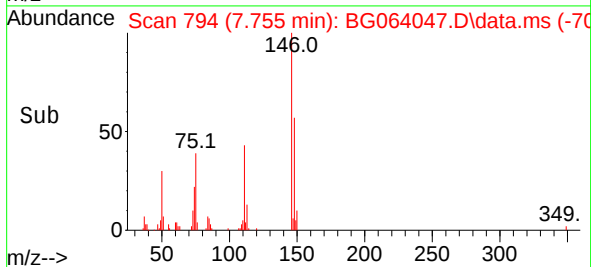
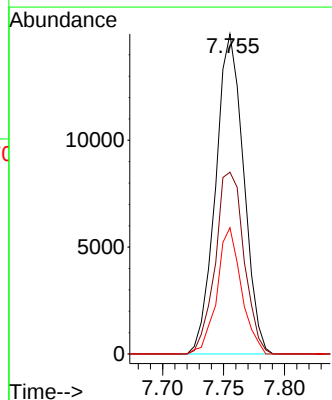
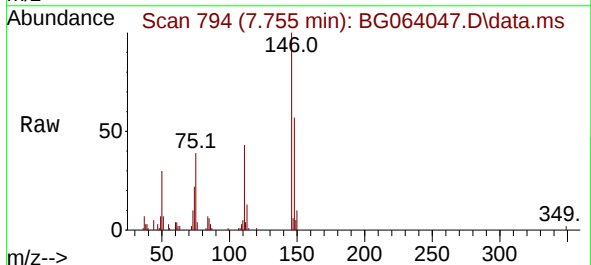
Instrument :  
BNA\_G  
ClientSampleId :  
SSTDICC010

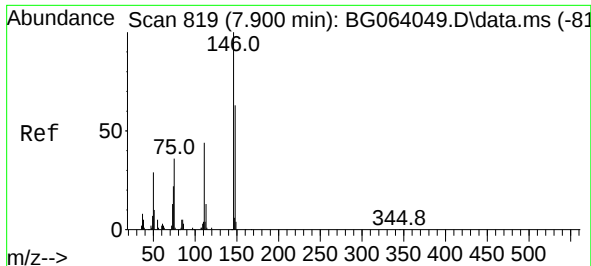
Tgt Ion: 93 Resp: 22457  
Ion Ratio Lower Upper  
93 100  
63 88.5 70.0 110.0  
95 28.7 13.7 53.7



#12  
1,3-Dichlorobenzene  
Concen: 10.189 ng  
RT: 7.755 min Scan# 794  
Delta R.T. -0.004 min  
Lab File: BG064047.D  
Acq: 5 Mar 2025 10:22

Tgt Ion:146 Resp: 23941  
Ion Ratio Lower Upper  
146 100  
148 56.8 52.6 78.8  
75 39.5 28.1 42.1

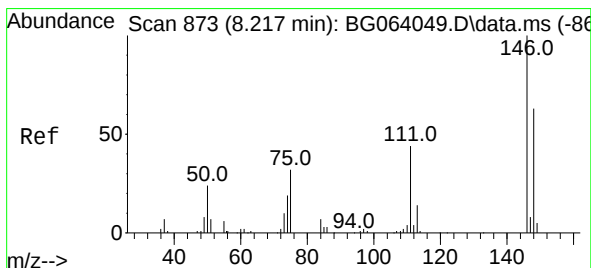
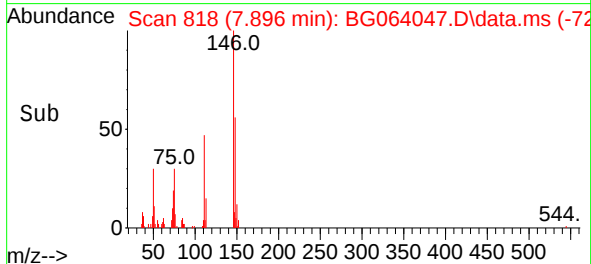
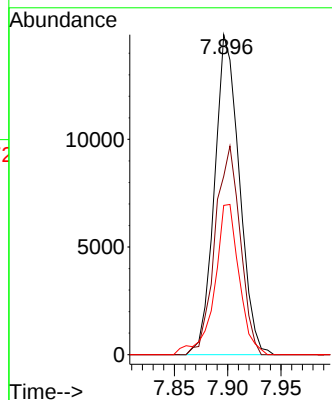
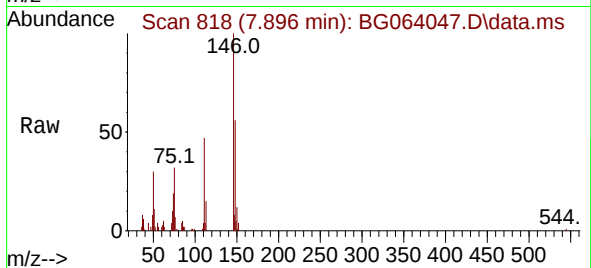




#13  
1,4-Dichlorobenzene  
Concen: 9.985 ng  
RT: 7.896 min Scan# 819  
Delta R.T. -0.004 min  
Lab File: BG064047.D  
Acq: 5 Mar 2025 10:22

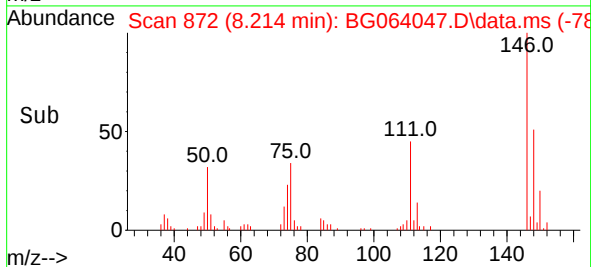
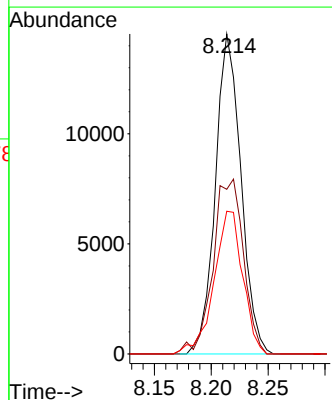
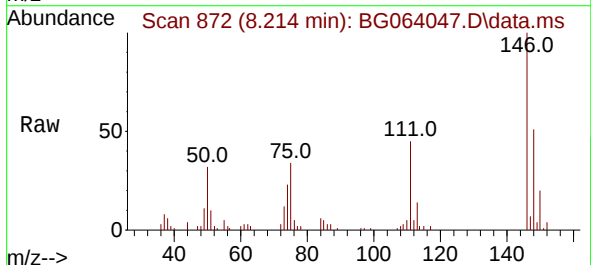
Instrument :  
BNA\_G  
ClientSampleId :  
SSTDICC010

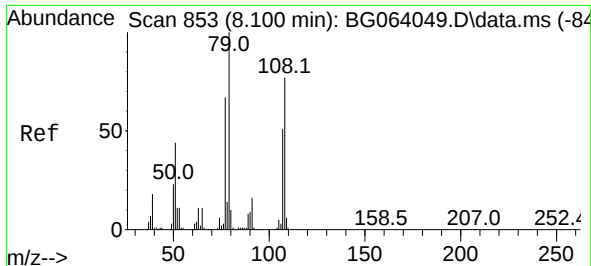
Tgt Ion:146 Resp: 24047  
Ion Ratio Lower Upper  
146 100  
148 55.7 50.6 75.8  
111 46.7 35.1 52.7



#14  
1,2-Dichlorobenzene  
Concen: 9.802 ng  
RT: 8.214 min Scan# 872  
Delta R.T. -0.004 min  
Lab File: BG064047.D  
Acq: 5 Mar 2025 10:22

Tgt Ion:146 Resp: 22764  
Ion Ratio Lower Upper  
146 100  
148 51.4 50.2 75.2  
111 44.6 36.4 54.6

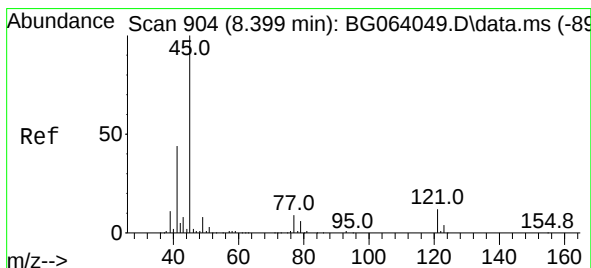
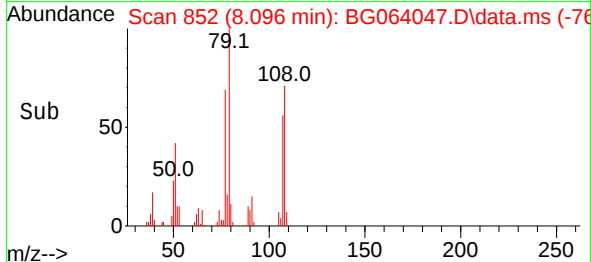
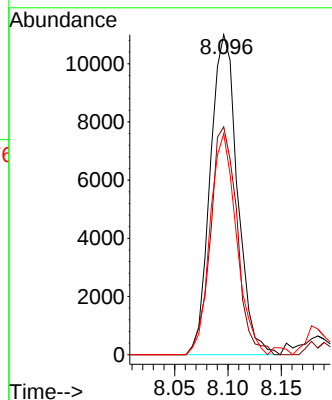
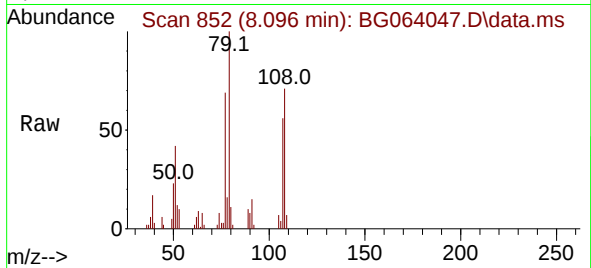




#15  
Benzyl Alcohol  
Concen: 9.274 ng  
RT: 8.096 min Scan# 852  
Delta R.T. -0.004 min  
Lab File: BG064047.D  
Acq: 5 Mar 2025 10:22

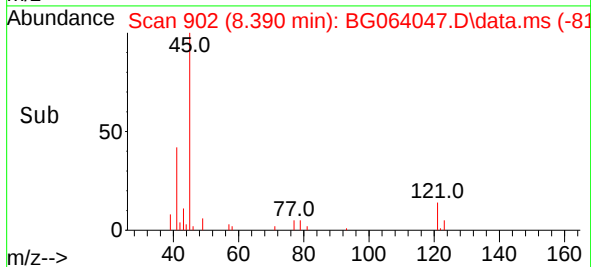
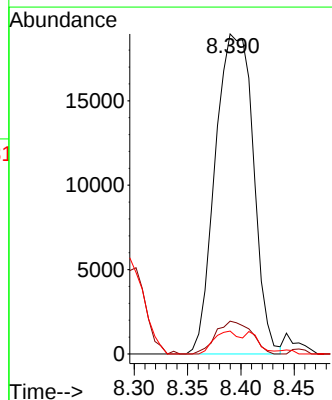
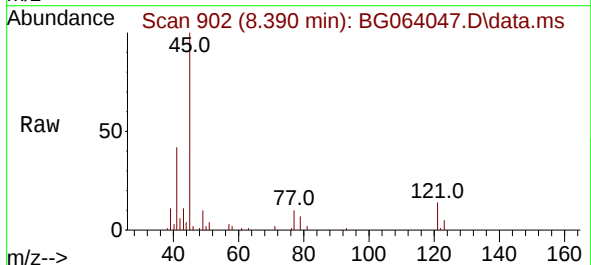
Instrument :  
BNA\_G  
ClientSampleId :  
SSTDICC010

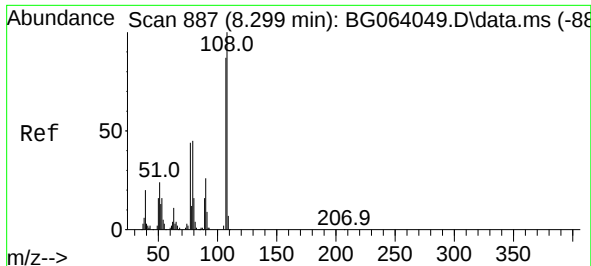
Tgt Ion: 79 Resp: 19422  
Ion Ratio Lower Upper  
79 100  
108 71.2 61.7 92.5  
77 69.0 53.9 80.9



#16  
2,2'-oxybis(1-Chloropropane)  
Concen: 9.615 ng  
RT: 8.390 min Scan# 902  
Delta R.T. -0.010 min  
Lab File: BG064047.D  
Acq: 5 Mar 2025 10:22

Tgt Ion: 45 Resp: 47034  
Ion Ratio Lower Upper  
45 100  
77 10.3 0.0 29.0  
79 7.1 0.0 26.6

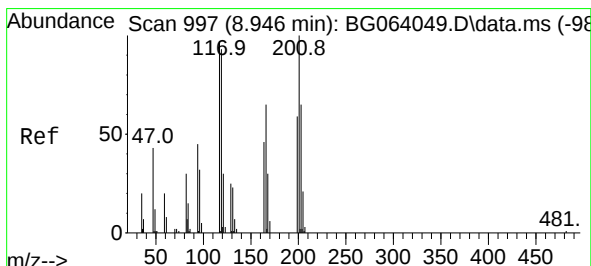
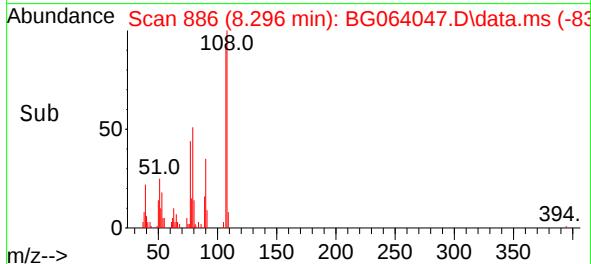
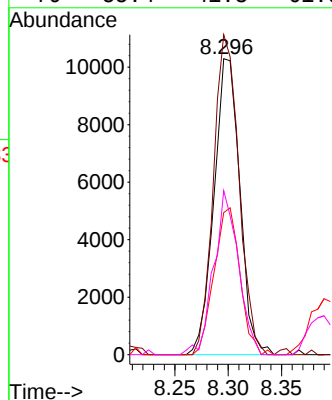
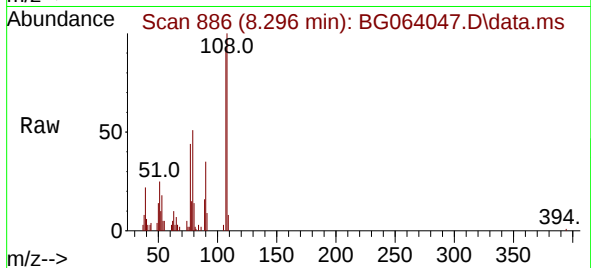




#17  
2-Methylphenol  
Concen: 9.424 ng  
RT: 8.296 min Scan# 887  
Delta R.T. -0.004 min  
Lab File: BG064047.D  
Acq: 5 Mar 2025 10:22

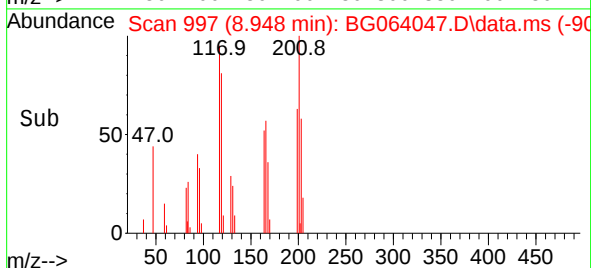
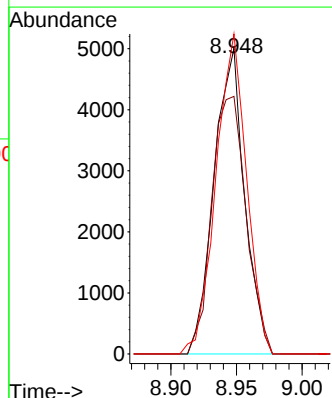
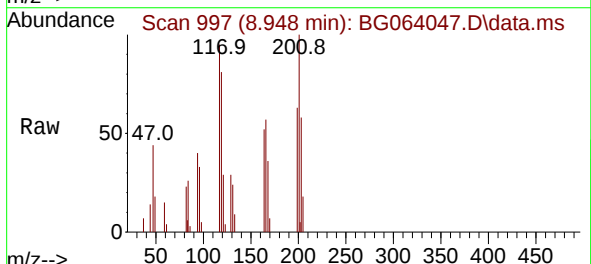
Instrument :  
BNA\_G  
ClientSampleId :  
SSTDICC010

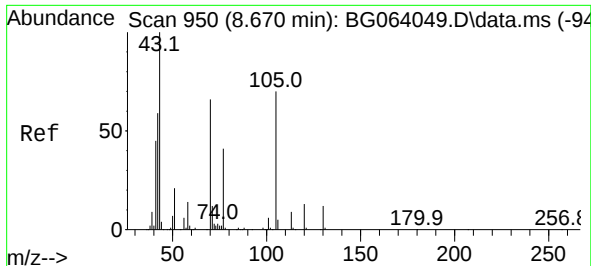
|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 107   | Resp: | 17355 |
| Ion Ratio | Lower | Upper |       |
| 107       | 100   |       |       |
| 108       | 108.1 | 92.5  | 138.7 |
| 77        | 48.0  | 40.5  | 60.7  |
| 79        | 55.4  | 41.3  | 61.9  |



#18  
Hexachloroethane  
Concen: 9.583 ng  
RT: 8.948 min Scan# 997  
Delta R.T. 0.002 min  
Lab File: BG064047.D  
Acq: 5 Mar 2025 10:22

|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 117   | Resp: | 8075  |
| Ion Ratio | Lower | Upper |       |
| 117       | 100   |       |       |
| 119       | 84.3  | 76.2  | 114.2 |
| 201       | 110.2 | 81.5  | 122.3 |

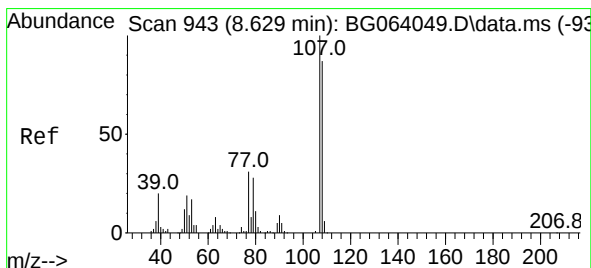
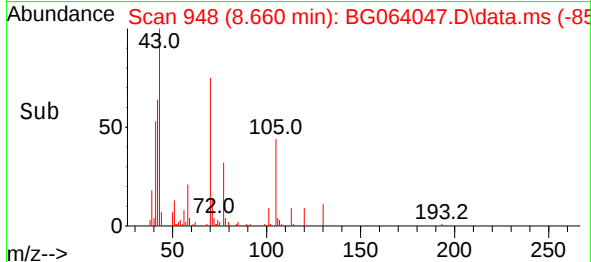
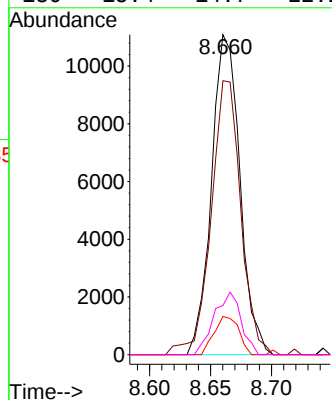
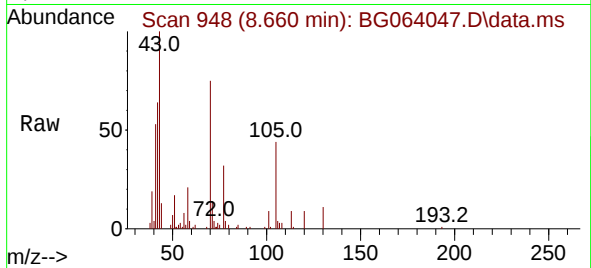




#19  
n-Nitroso-di-n-propylamine  
Concen: 9.461 ng  
RT: 8.660 min Scan# 948  
Delta R.T. -0.010 min  
Lab File: BG064047.D  
Acq: 5 Mar 2025 10:22

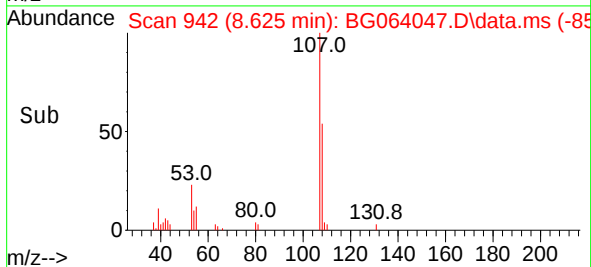
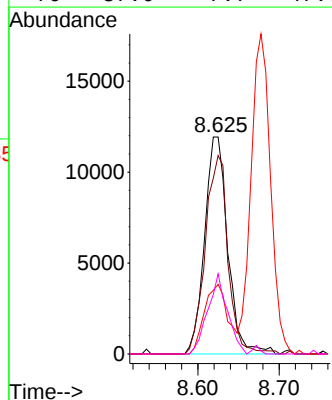
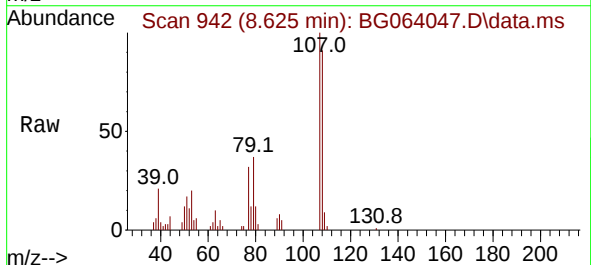
Instrument :  
BNA\_G  
ClientSampleId :  
SSTDICC010

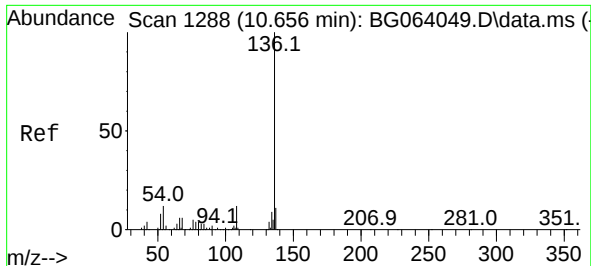
Tgt Ion: 70 Resp: 17996  
Ion Ratio Lower Upper  
70 100  
42 85.6 72.1 108.1  
101 12.0 7.2 10.8#  
130 15.4 14.7 22.1



#20  
3+4-Methylphenols  
Concen: 9.313 ng  
RT: 8.625 min Scan# 942  
Delta R.T. -0.004 min  
Lab File: BG064047.D  
Acq: 5 Mar 2025 10:22

Tgt Ion:107 Resp: 23611  
Ion Ratio Lower Upper  
107 100  
108 91.4 67.0 107.0  
77 32.0 11.2 51.2  
79 37.0 7.7 47.7

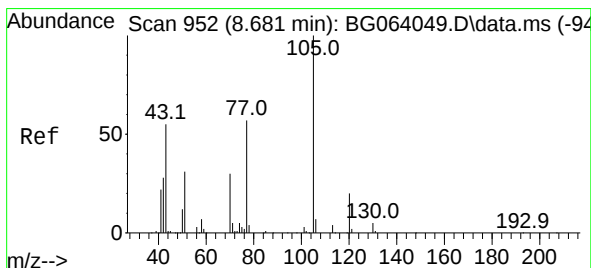
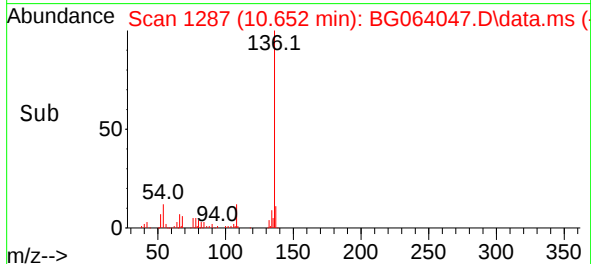
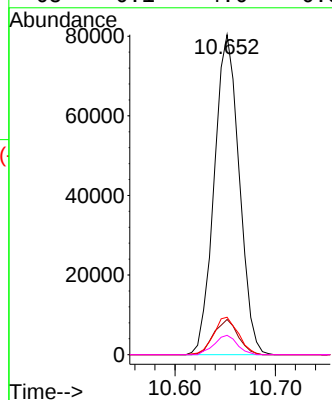
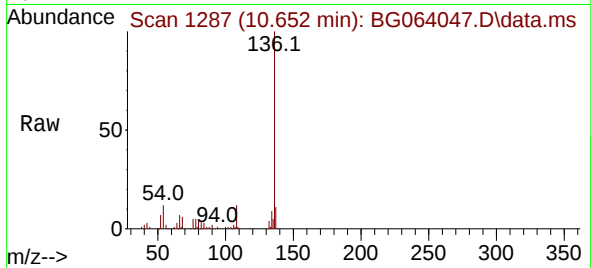




#21  
Naphthalene-d8  
Concen: 20.000 ng  
RT: 10.652 min Scan# 11  
Delta R.T. -0.004 min  
Lab File: BG064047.D  
Acq: 5 Mar 2025 10:22

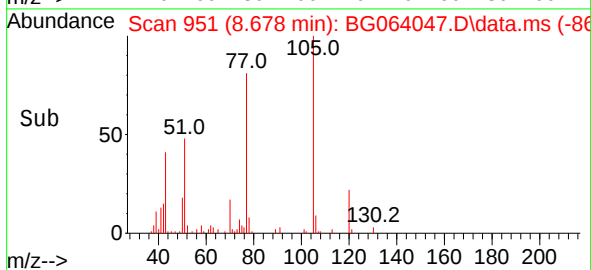
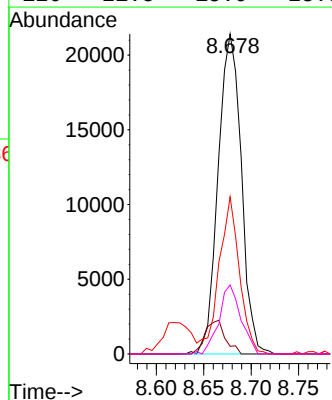
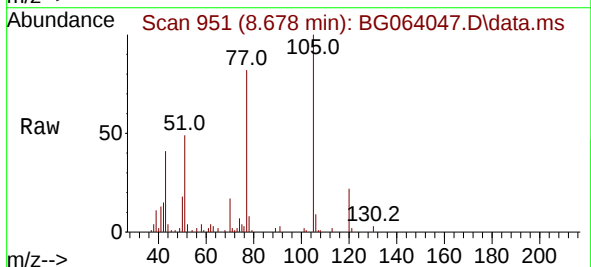
Instrument :  
BNA\_G  
ClientSampleId :  
SSTDICC010

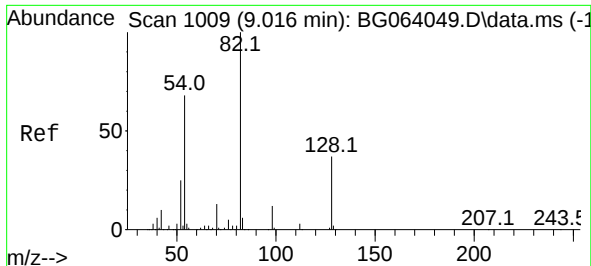
Tgt Ion:136 Resp: 139041  
Ion Ratio Lower Upper  
136 100  
137 11.0 8.5 12.7  
54 11.7 9.9 14.9  
68 6.1 4.6 6.8



#22  
Acetophenone  
Concen: 9.566 ng  
RT: 8.678 min Scan# 951  
Delta R.T. -0.004 min  
Lab File: BG064047.D  
Acq: 5 Mar 2025 10:22

Tgt Ion:105 Resp: 36468  
Ion Ratio Lower Upper  
105 100  
71 2.4 4.2 6.4#  
51 49.1 33.3 49.9  
120 21.5 15.9 23.9





#23

Nitrobenzene-d5

Concen: 16.583 ng

RT: 9.013 min Scan# 1008

Delta R.T. -0.004 min

Lab File: BG064047.D

Acq: 5 Mar 2025 10:22

Instrument :

BNA\_G

ClientSampleId :

SSTDICC010

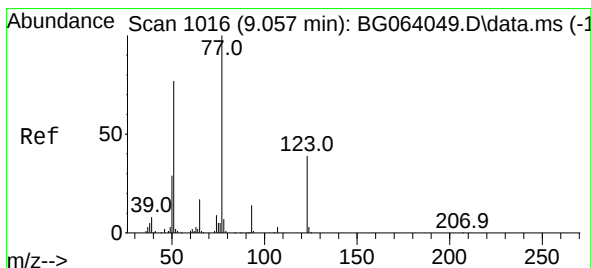
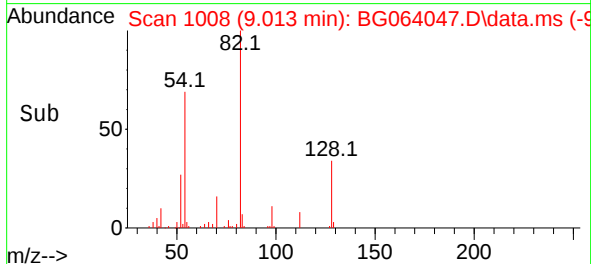
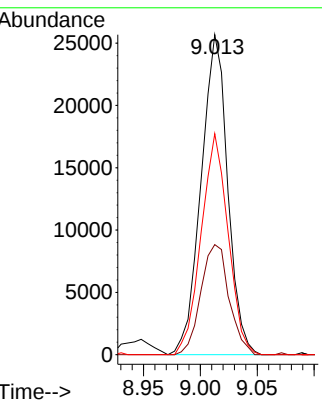
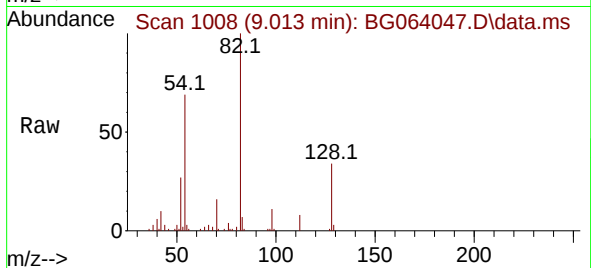
Tgt Ion: 82 Resp: 41723

Ion Ratio Lower Upper

82 100

128 34.4 30.0 45.0

54 69.0 54.7 82.1



#24

Nitrobenzene

Concen: 8.554 ng

RT: 9.054 min Scan# 1015

Delta R.T. -0.004 min

Lab File: BG064047.D

Acq: 5 Mar 2025 10:22

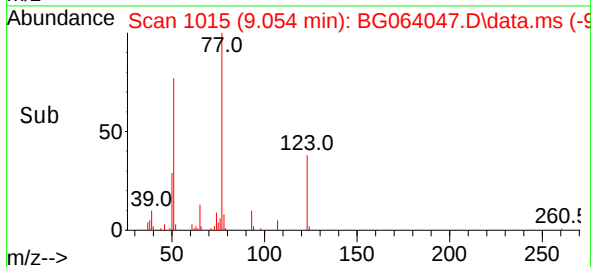
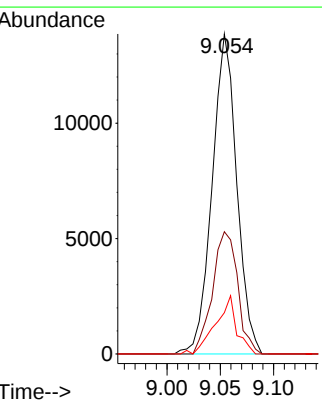
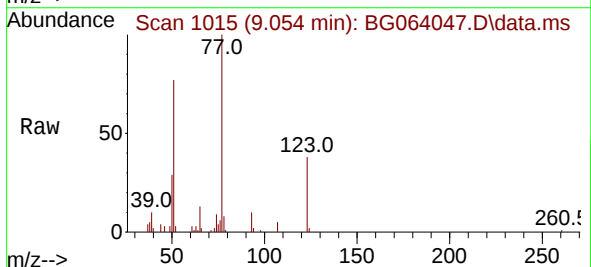
Tgt Ion: 77 Resp: 22242

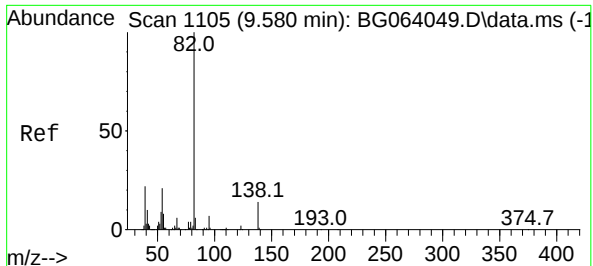
Ion Ratio Lower Upper

77 100

123 38.2 31.4 47.2

65 12.9 13.4 20.0#





#25

Isophorone

Concen: 9.284 ng

RT: 9.577 min Scan# 1104

Delta R.T. -0.004 min

Lab File: BG064047.D

Acq: 5 Mar 2025 10:22

Instrument :

BNA\_G

ClientSampleId :

SSTDICC010

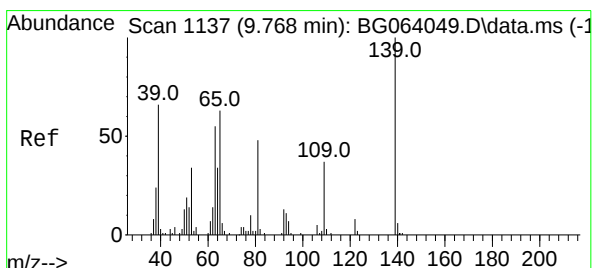
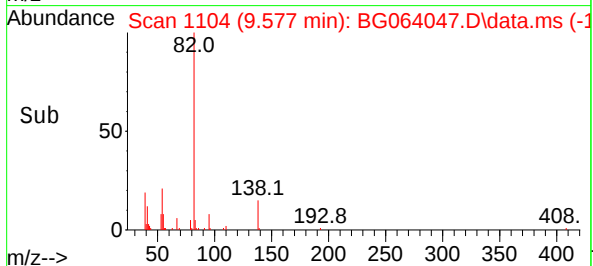
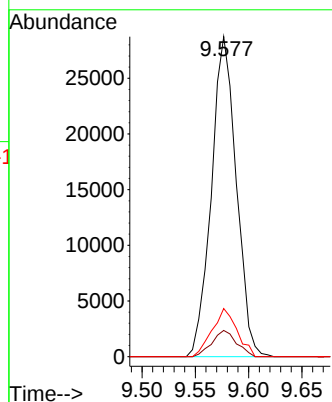
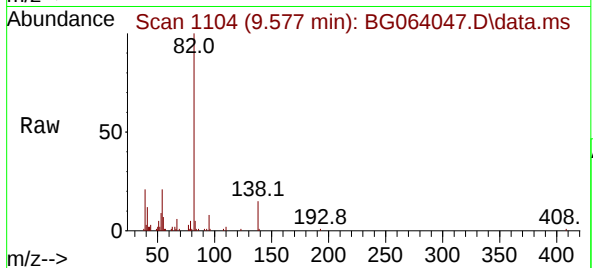
Tgt Ion: 82 Resp: 46752

Ion Ratio Lower Upper

82 100

95 8.2 5.8 8.8

138 15.1 10.9 16.3



#26

2-Nitrophenol

Concen: 9.891 ng

RT: 9.765 min Scan# 1136

Delta R.T. -0.003 min

Lab File: BG064047.D

Acq: 5 Mar 2025 10:22

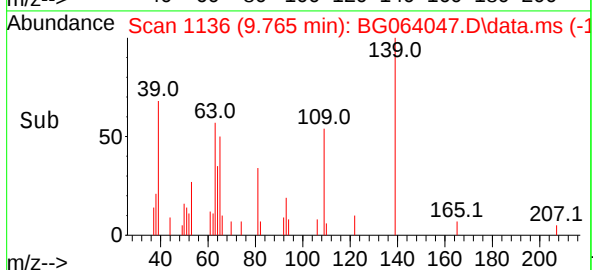
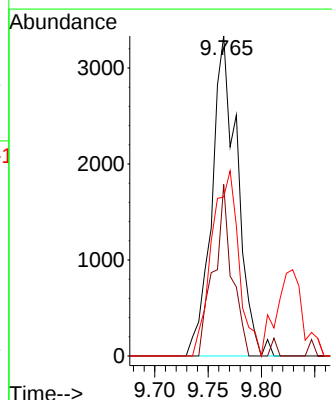
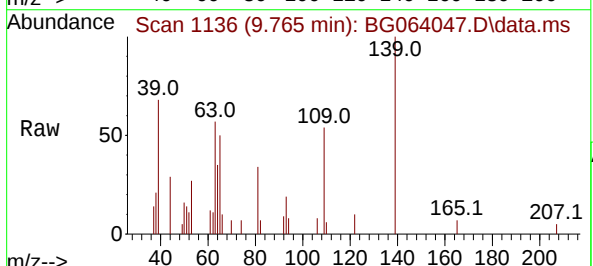
Tgt Ion:139 Resp: 5521

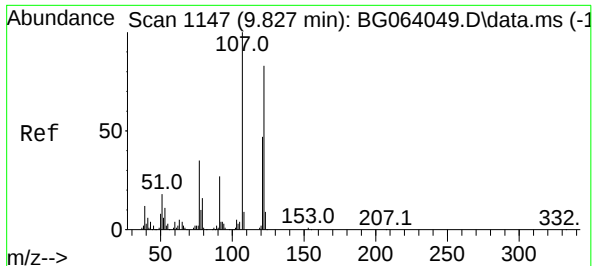
Ion Ratio Lower Upper

139 100

109 53.6 29.9 44.9#

65 49.7 50.6 76.0#

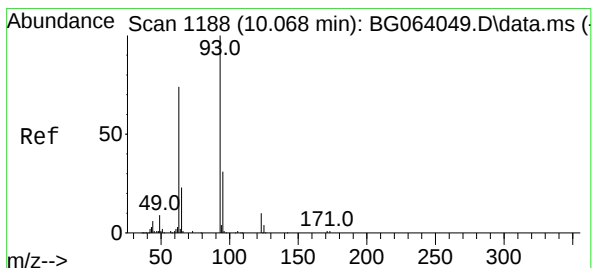
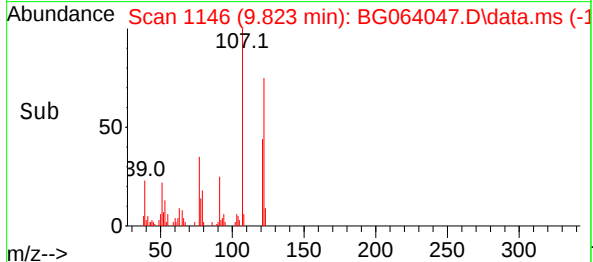
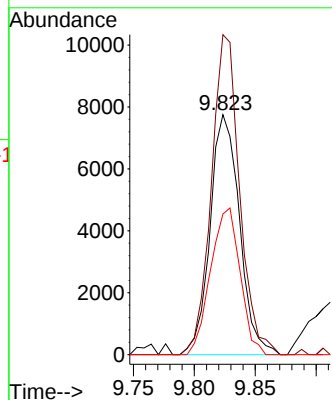
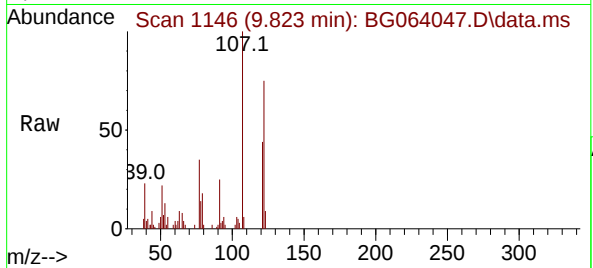




#27  
2,4-Dimethylphenol  
Concen: 8.631 ng  
RT: 9.823 min Scan# 1147  
Delta R.T. -0.004 min  
Lab File: BG064047.D  
Acq: 5 Mar 2025 10:22

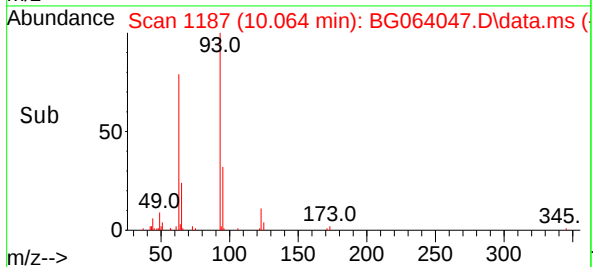
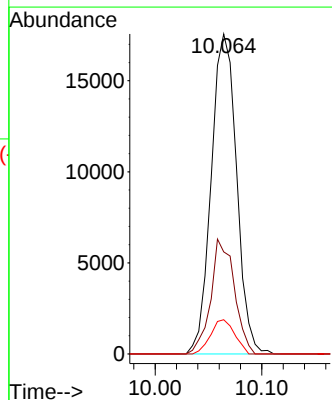
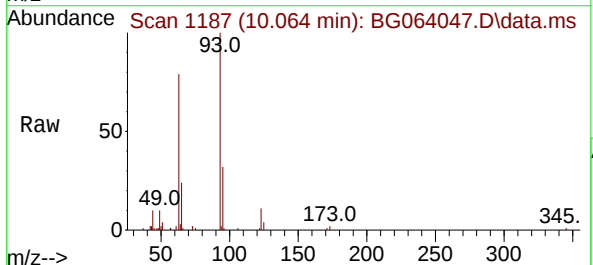
Instrument :  
BNA\_G  
ClientSampleId :  
SSTDICC010

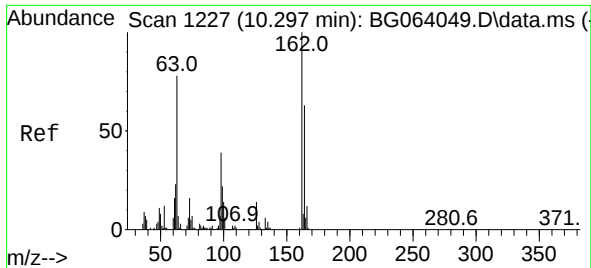
Tgt Ion:122 Resp: 13030  
Ion Ratio Lower Upper  
122 100  
107 133.3 95.4 143.0  
121 58.6 44.9 67.3



#28  
bis(2-Chloroethoxy)methane  
Concen: 9.488 ng  
RT: 10.064 min Scan# 1187  
Delta R.T. -0.004 min  
Lab File: BG064047.D  
Acq: 5 Mar 2025 10:22

Tgt Ion: 93 Resp: 28970  
Ion Ratio Lower Upper  
93 100  
95 31.9 25.0 37.4  
123 10.7 7.6 11.4





#29

2,4-Dichlorophenol

Concen: 8.726 ng

RT: 10.293 min Scan# 1227

Delta R.T. -0.004 min

Lab File: BG064047.D

Acq: 5 Mar 2025 10:22

Instrument :

BNA\_G

ClientSampleId :

SSTDICC010

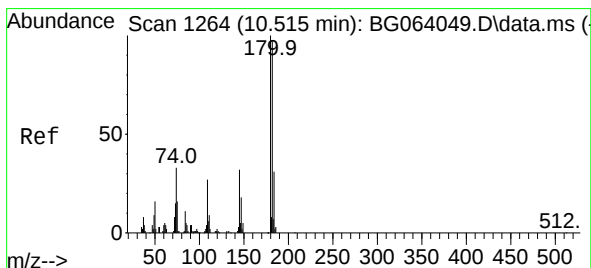
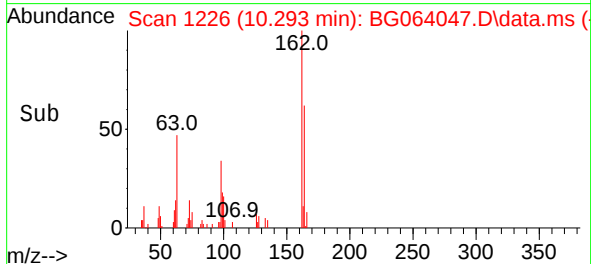
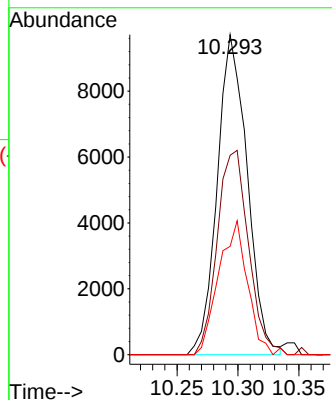
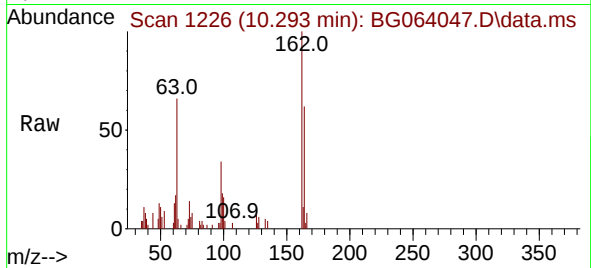
Tgt Ion:162 Resp: 16635

Ion Ratio Lower Upper

162 100

164 62.3 42.8 82.8

98 33.9 19.1 59.1



#30

1,2,4-Trichlorobenzene

Concen: 9.579 ng

RT: 10.517 min Scan# 1264

Delta R.T. 0.002 min

Lab File: BG064047.D

Acq: 5 Mar 2025 10:22

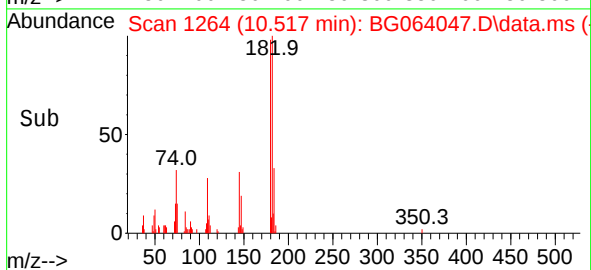
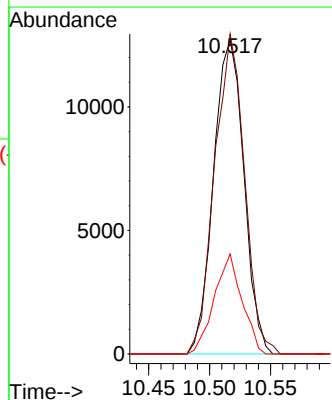
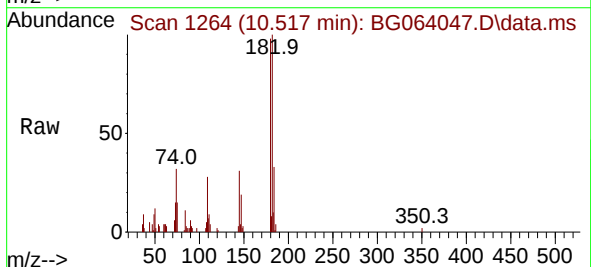
Tgt Ion:180 Resp: 22045

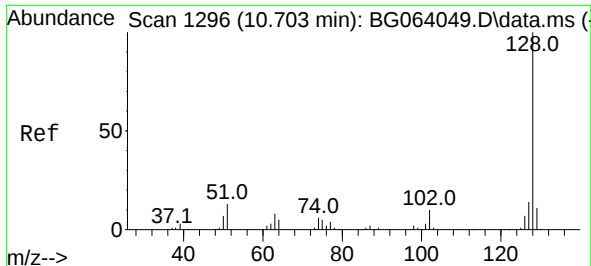
Ion Ratio Lower Upper

180 100

182 101.7 77.3 115.9

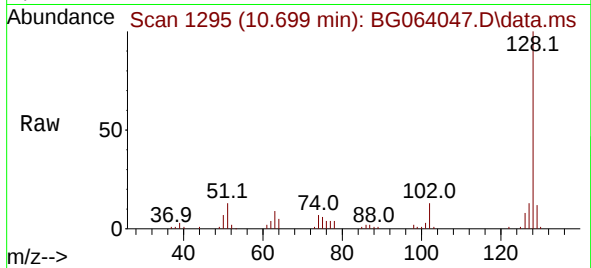
145 31.8 25.2 37.8



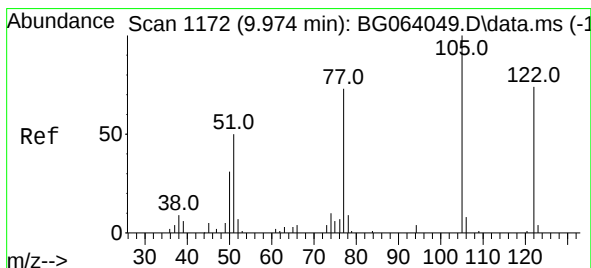
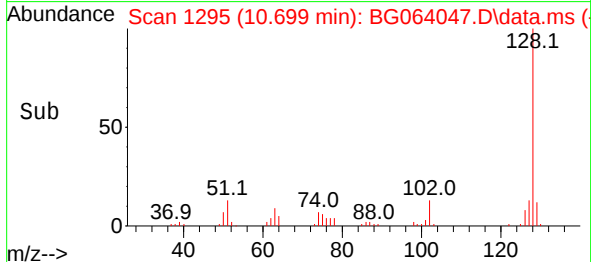
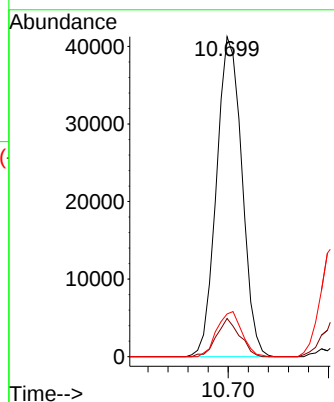


#31  
Naphthalene  
Concen: 9.669 ng  
RT: 10.699 min Scan# 1170  
Delta R.T. -0.004 min  
Lab File: BG064047.D  
Acq: 5 Mar 2025 10:22

Instrument :  
BNA\_G  
ClientSampleId :  
SSTDIC010

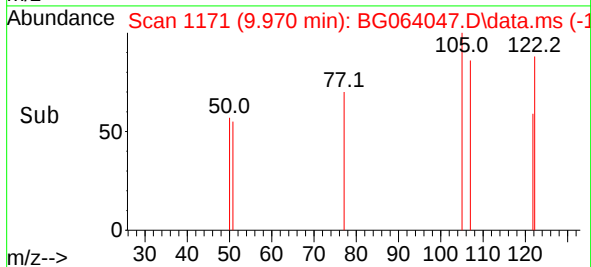
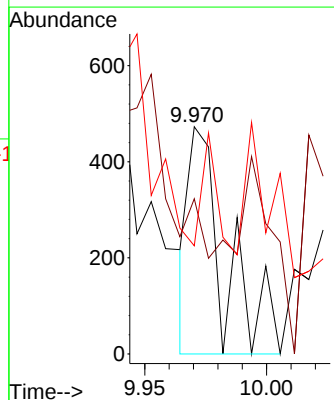
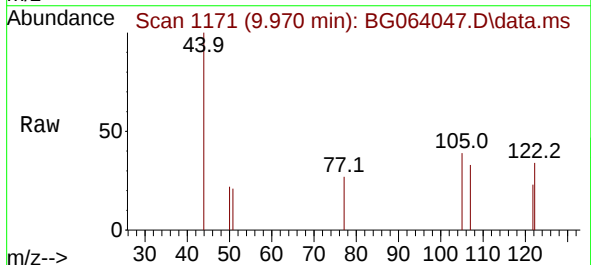


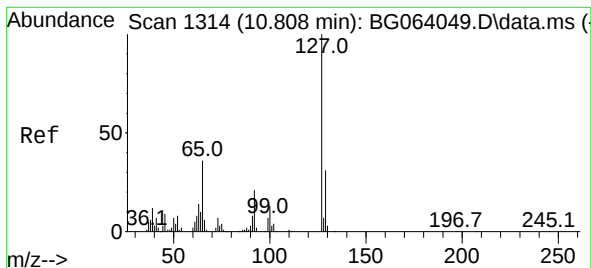
Tgt Ion:128 Resp: 72491  
Ion Ratio Lower Upper  
128 100  
129 11.9 8.4 12.6  
127 13.4 11.1 16.7



#32  
Benzoic acid  
Concen: 8.950 ng  
RT: 9.970 min Scan# 1171  
Delta R.T. -0.004 min  
Lab File: BG064047.D  
Acq: 5 Mar 2025 10:22

Tgt Ion:122 Resp: 483  
Ion Ratio Lower Upper  
122 100  
105 68.3 115.0 155.0#  
77 47.6 80.9 120.9#





#33

4-Chloroaniline

Concen: 9.226 ng

RT: 10.805 min Scan# 1314

Delta R.T. -0.004 min

Lab File: BG064047.D

Acq: 5 Mar 2025 10:22

Instrument :

BNA\_G

ClientSampleId :

SSTDICC010

Tgt Ion:127 Resp: 25282

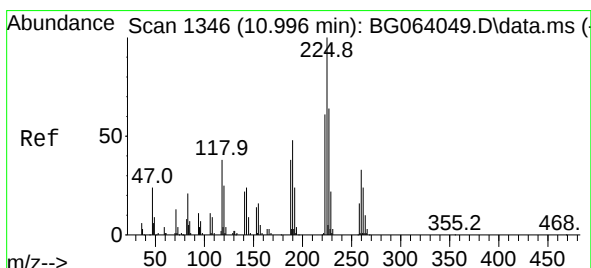
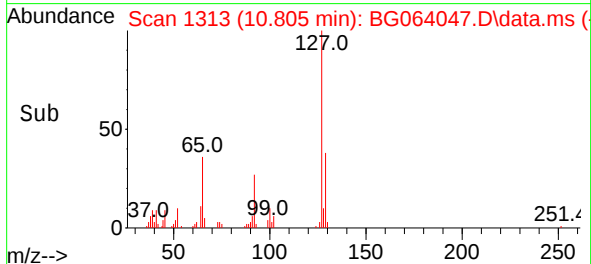
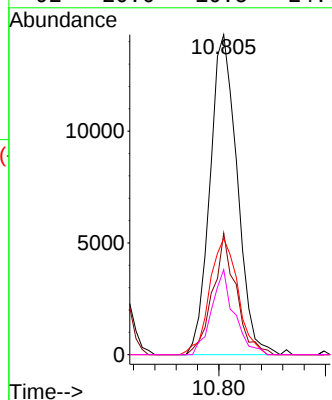
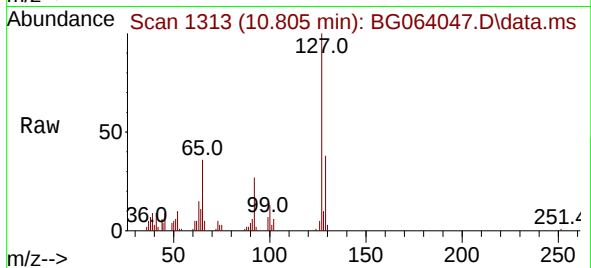
Ion Ratio Lower Upper

127 100

129 38.0 25.0 37.4#

65 36.3 28.5 42.7

92 26.6 16.5 24.7#



#34

Hexachlorobutadiene

Concen: 9.830 ng

RT: 10.993 min Scan# 1345

Delta R.T. -0.004 min

Lab File: BG064047.D

Acq: 5 Mar 2025 10:22

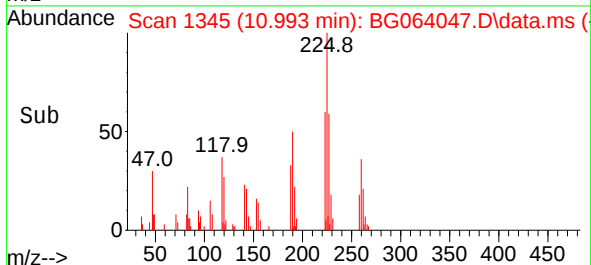
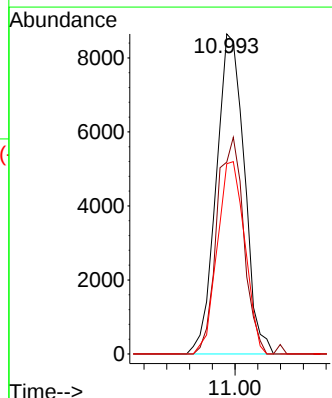
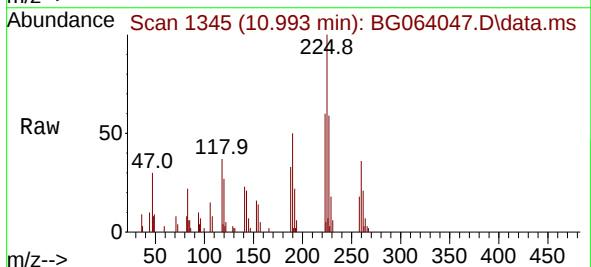
Tgt Ion:225 Resp: 14828

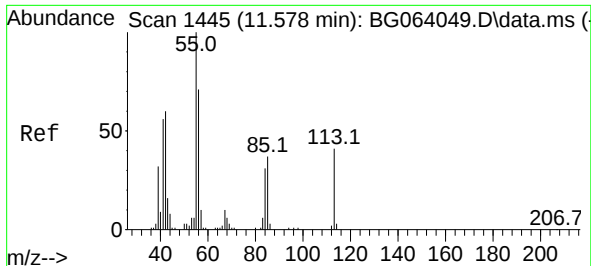
Ion Ratio Lower Upper

225 100

223 60.0 48.5 72.7

227 62.9 51.0 76.6





#35

Caprolactam

Concen: 8.702 ng

RT: 11.539 min Scan# 1445

Delta R.T. -0.039 min

Lab File: BG064047.D

Acq: 5 Mar 2025 10:22

Instrument :

BNA\_G

ClientSampleId :

SSTDICC010

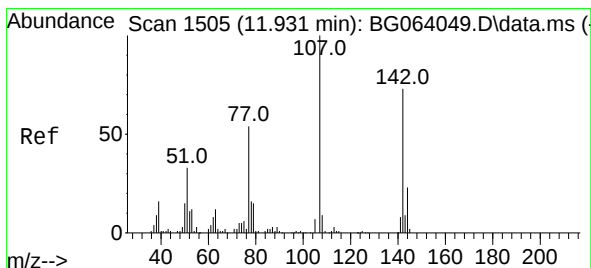
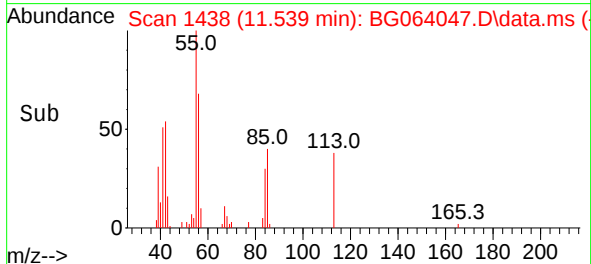
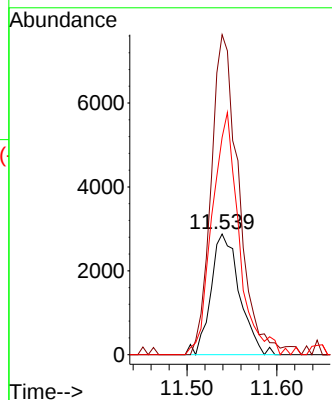
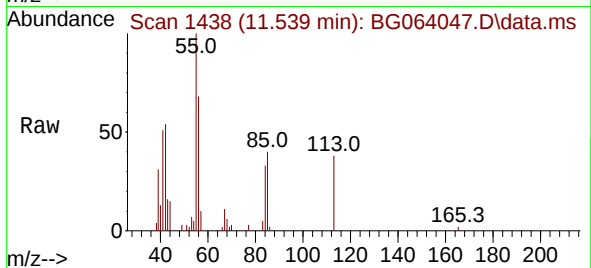
Tgt Ion:113 Resp: 6357

Ion Ratio Lower Upper

113 100

55 265.4 225.2 265.2#

56 180.2 153.4 193.4



#36

4-Chloro-3-methylphenol

Concen: 9.192 ng

RT: 11.921 min Scan# 1503

Delta R.T. -0.010 min

Lab File: BG064047.D

Acq: 5 Mar 2025 10:22

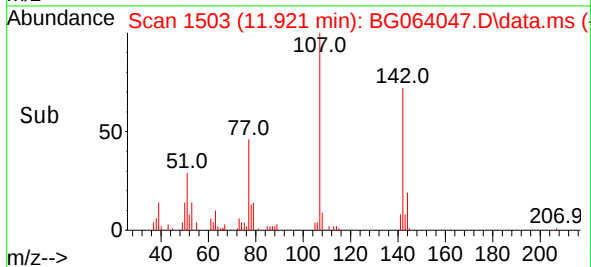
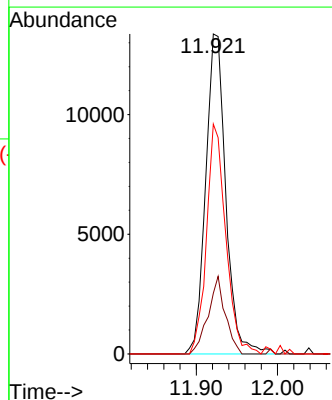
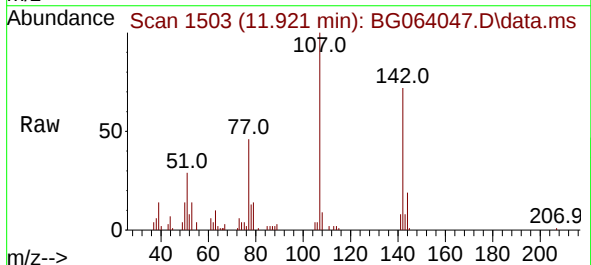
Tgt Ion:107 Resp: 22970

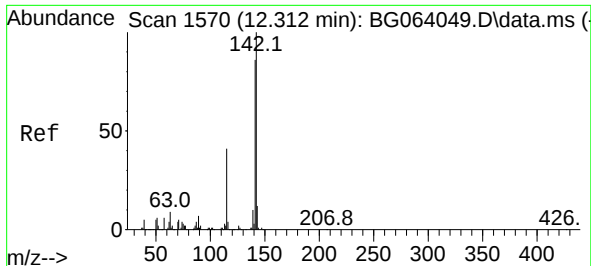
Ion Ratio Lower Upper

107 100

144 19.0 18.6 28.0

142 71.8 58.0 87.0

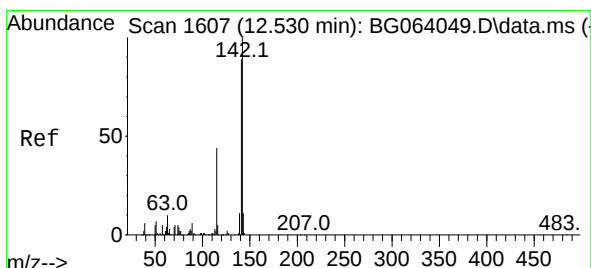
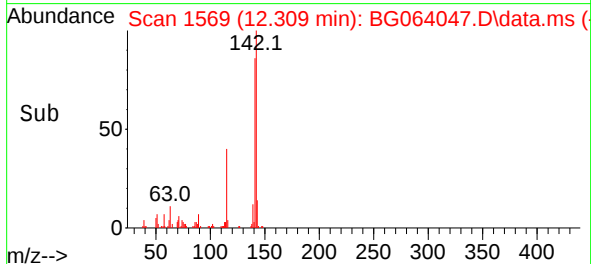
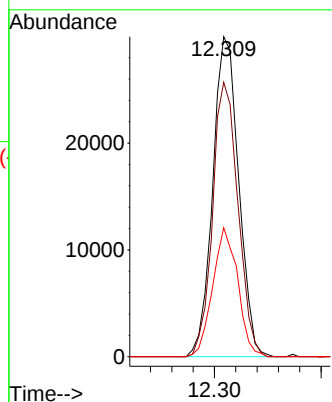
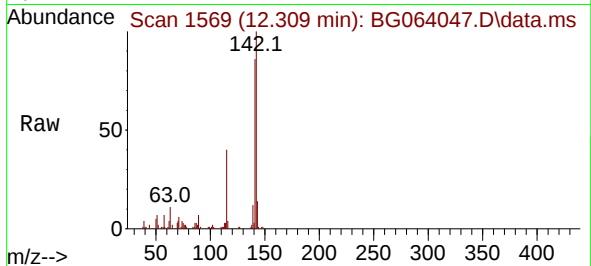




#37  
2-Methylnaphthalene  
Concen: 9.552 ng  
RT: 12.309 min Scan# 1569  
Delta R.T. -0.004 min  
Lab File: BG064047.D  
Acq: 5 Mar 2025 10:22

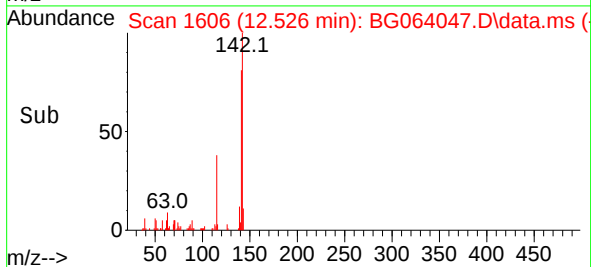
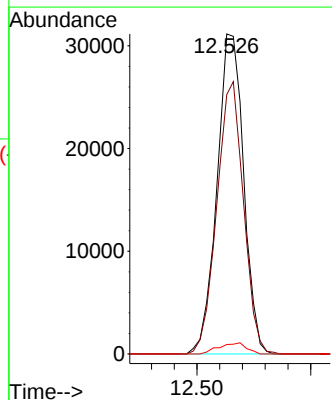
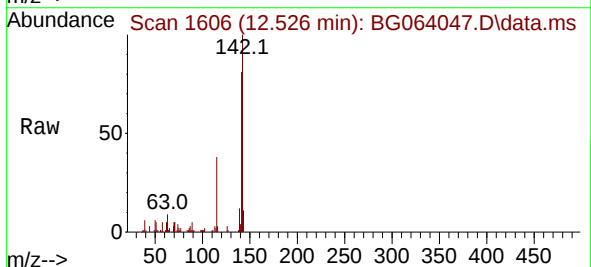
Instrument :  
BNA\_G  
ClientSampleId :  
SSTDICC010

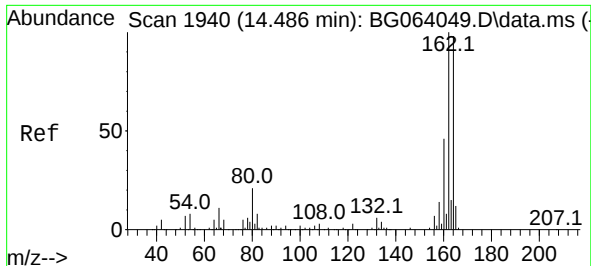
Tgt Ion:142 Resp: 50557  
Ion Ratio Lower Upper  
142 100  
141 85.8 68.6 103.0  
115 40.3 32.8 49.2



#38  
1-Methylnaphthalene  
Concen: 9.762 ng  
RT: 12.526 min Scan# 1606  
Delta R.T. -0.004 min  
Lab File: BG064047.D  
Acq: 5 Mar 2025 10:22

Tgt Ion:142 Resp: 50620  
Ion Ratio Lower Upper  
142 100  
141 81.1 71.2 106.8  
116 3.0 3.6 5.4#





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.489 min Scan# 1940

Delta R.T. 0.003 min

Lab File: BG064047.D

Acq: 5 Mar 2025 10:22

Instrument :

BNA\_G

ClientSampleId :

SSTDICC010

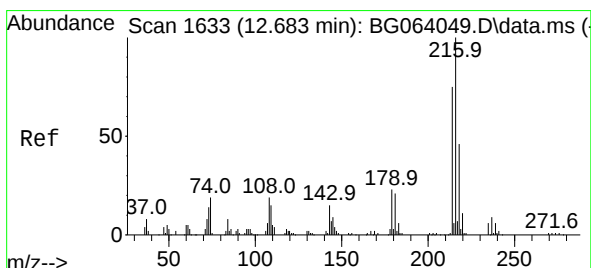
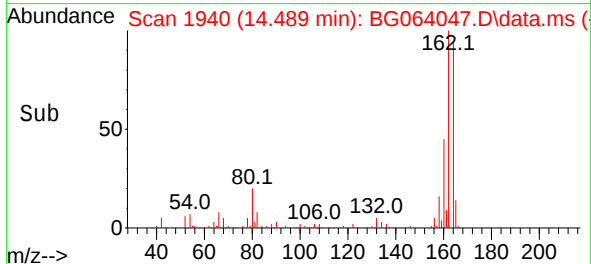
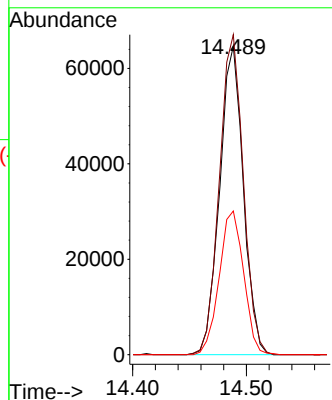
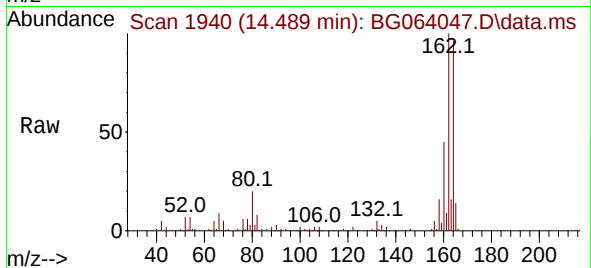
Tgt Ion:164 Resp: 93753

Ion Ratio Lower Upper

164 100

162 103.7 81.4 122.0

160 46.5 37.0 55.6



#40

1,2,4,5-Tetrachlorobenzene

Concen: 10.232 ng

RT: 12.679 min Scan# 1632

Delta R.T. -0.004 min

Lab File: BG064047.D

Acq: 5 Mar 2025 10:22

Tgt Ion:216 Resp: 27386

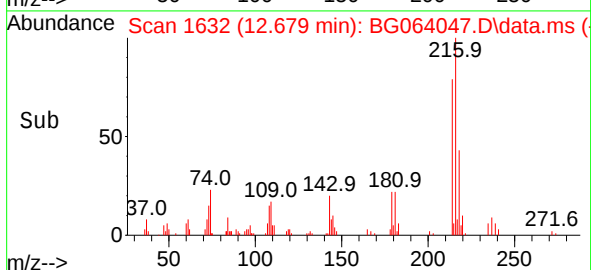
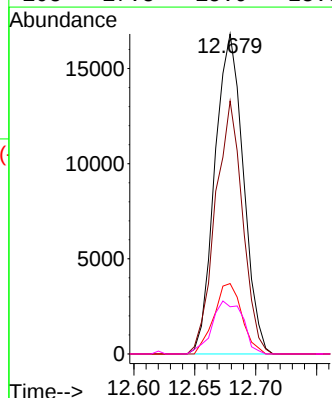
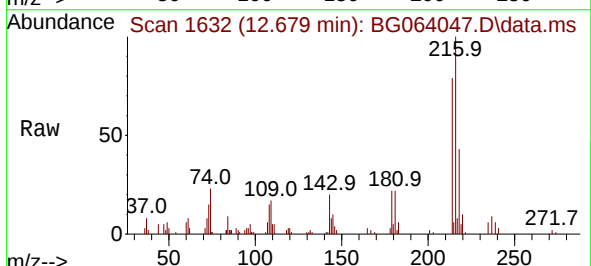
Ion Ratio Lower Upper

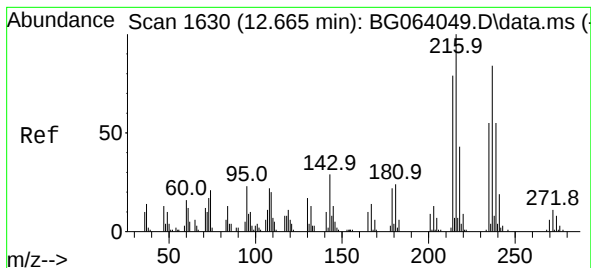
216 100

214 75.7 61.7 92.5

179 21.6 17.9 26.9

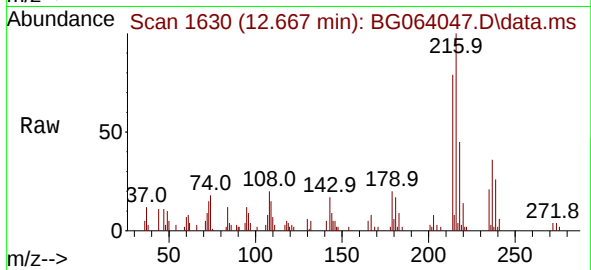
108 17.8 15.9 23.9



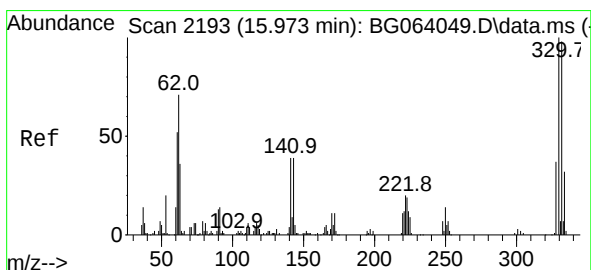
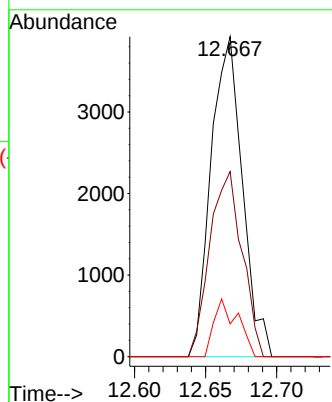
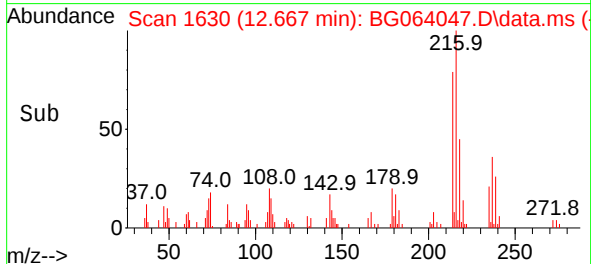


#41  
Hexachlorocyclopentadiene  
Concen: 7.985 ng  
RT: 12.667 min Scan# 1630  
Delta R.T. 0.002 min  
Lab File: BG064047.D  
Acq: 5 Mar 2025 10:22

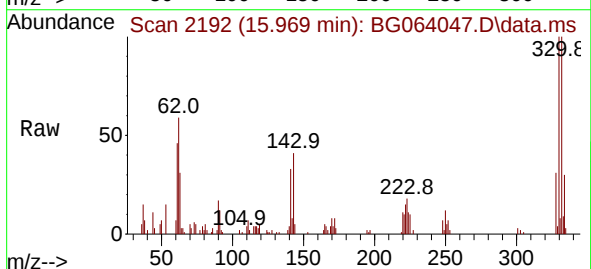
Instrument :  
BNA\_G  
ClientSampleId :  
SSTDICC010



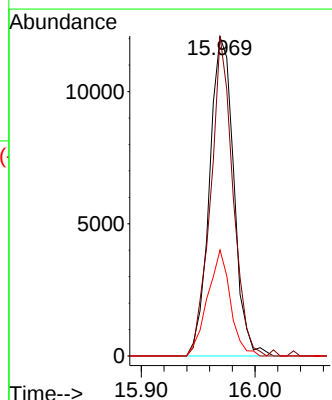
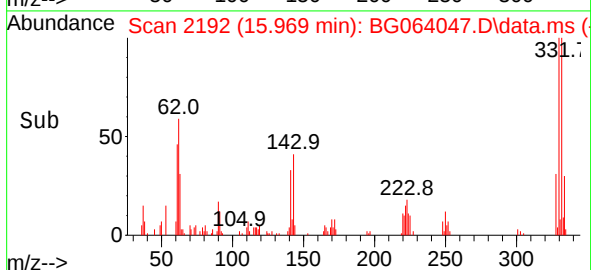
Tgt Ion:237 Resp: 6015  
Ion Ratio Lower Upper  
237 100  
235 57.9 46.0 86.0  
272 10.2 0.0 32.8

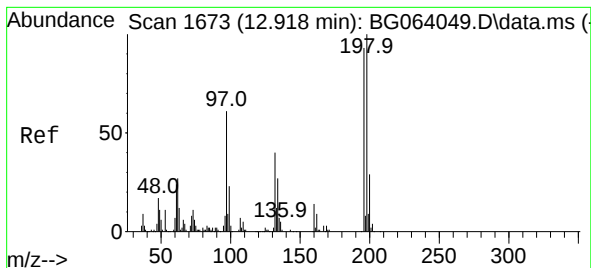


#42  
2,4,6-Tribromophenol  
Concen: 17.174 ng  
RT: 15.969 min Scan# 2192  
Delta R.T. -0.004 min  
Lab File: BG064047.D  
Acq: 5 Mar 2025 10:22



Tgt Ion:330 Resp: 17898  
Ion Ratio Lower Upper  
330 100  
332 91.7 76.7 115.1  
141 31.2 29.7 44.5





#43

2,4,6-Trichlorophenol

Concen: 8.693 ng

RT: 12.914 min Scan# 1

Delta R.T. -0.004 min

Lab File: BG064047.D

Acq: 5 Mar 2025 10:22

Instrument :

BNA\_G

ClientSampleId :

SSTDICC010

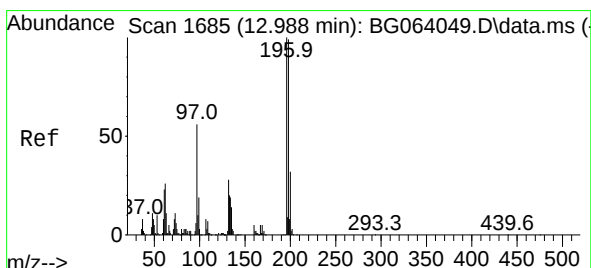
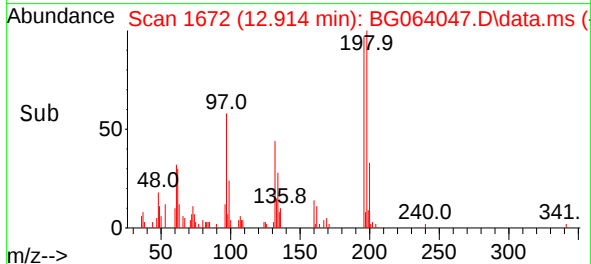
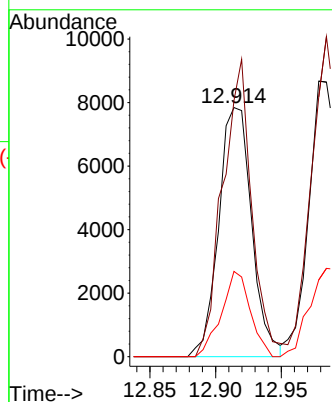
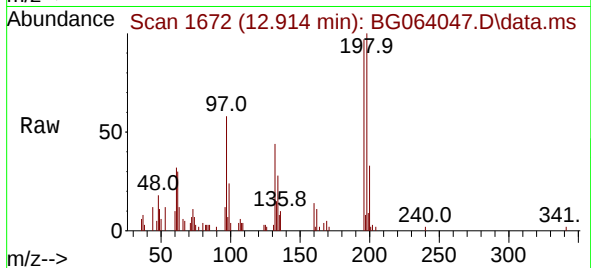
Tgt Ion:196 Resp: 13713

Ion Ratio Lower Upper

196 100

198 102.8 85.6 128.4

200 36.2 24.6 37.0



#44

2,4,5-Trichlorophenol

Concen: 8.825 ng

RT: 12.979 min Scan# 1683

Delta R.T. -0.010 min

Lab File: BG064047.D

Acq: 5 Mar 2025 10:22

Tgt Ion:196 Resp: 15468

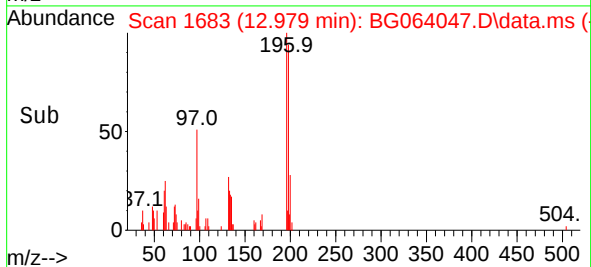
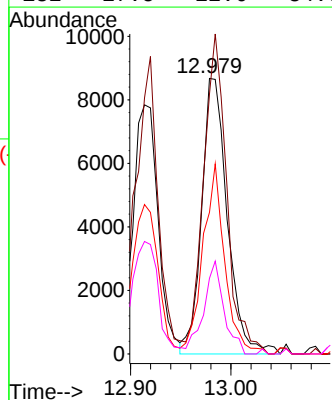
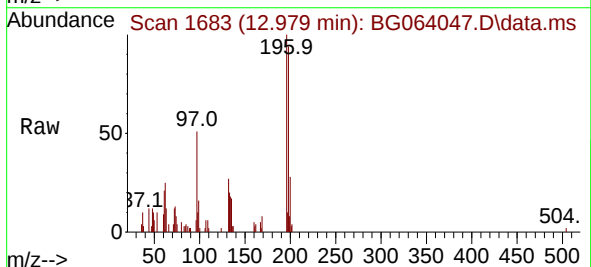
Ion Ratio Lower Upper

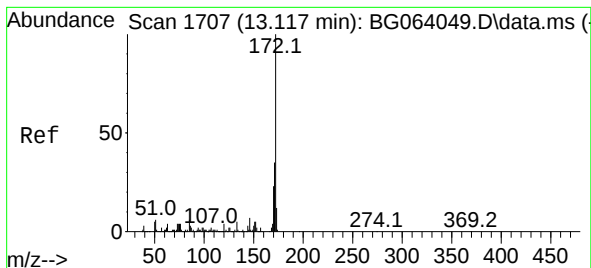
196 100

198 94.3 79.5 119.3

97 51.4 45.2 67.8

132 27.5 22.6 34.0





#45

2-Fluorobiphenyl

Concen: 19.881 ng

RT: 13.114 min Scan# 1

Delta R.T. -0.004 min

Lab File: BG064047.D

Acq: 5 Mar 2025 10:22

Instrument :

BNA\_G

ClientSampleId :

SSTDICC010

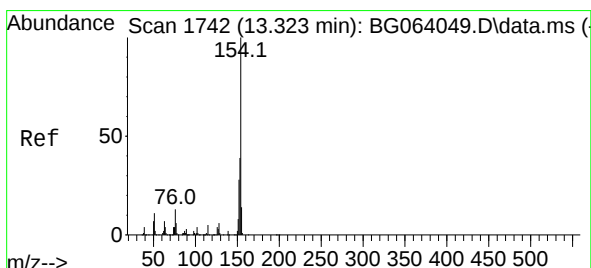
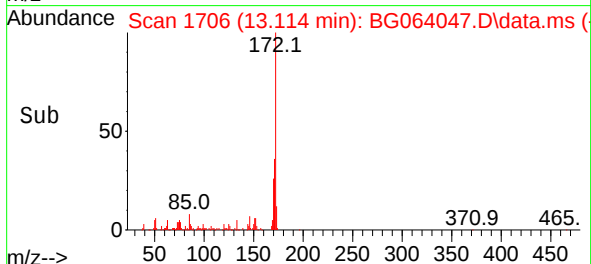
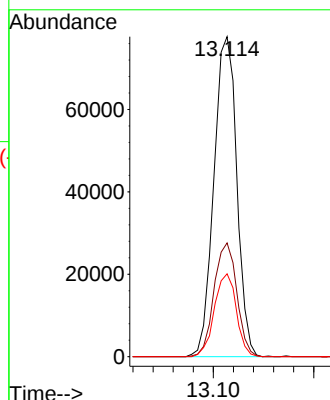
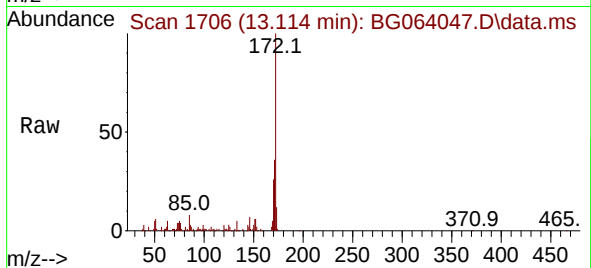
Tgt Ion:172 Resp: 122799

Ion Ratio Lower Upper

172 100

171 35.5 28.0 42.0

170 25.9 18.7 28.1



#46

1,1'-Biphenyl

Concen: 9.918 ng

RT: 13.319 min Scan# 1741

Delta R.T. -0.004 min

Lab File: BG064047.D

Acq: 5 Mar 2025 10:22

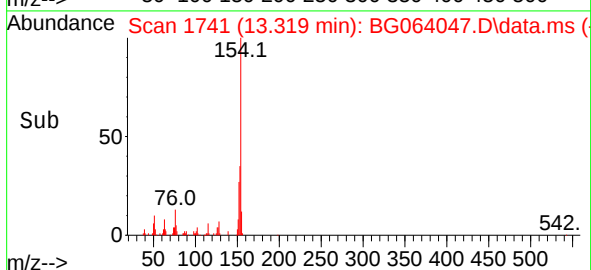
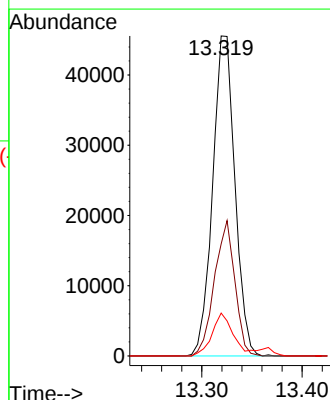
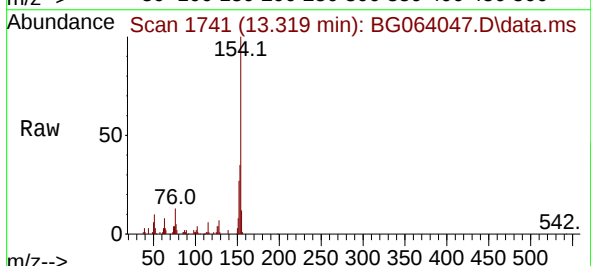
Tgt Ion:154 Resp: 70250

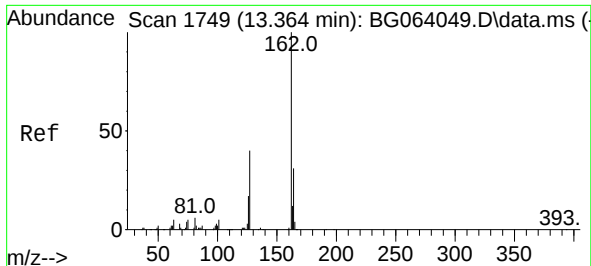
Ion Ratio Lower Upper

154 100

153 35.0 19.5 59.5

76 13.4 0.0 33.5

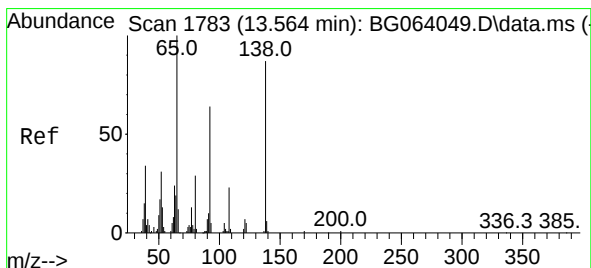
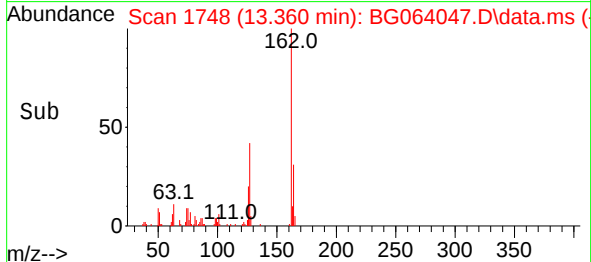
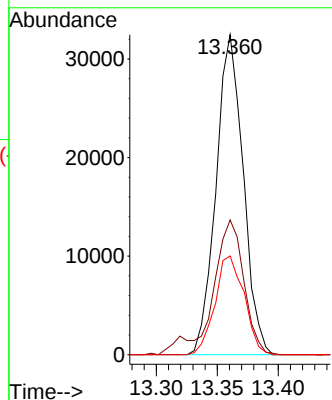
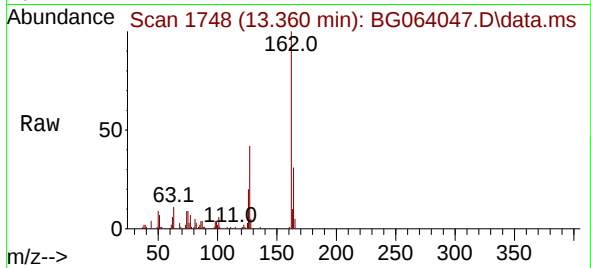




#47  
2-Chloronaphthalene  
Concen: 9.755 ng  
RT: 13.360 min Scan# 1748  
Delta R.T. -0.004 min  
Lab File: BG064047.D  
Acq: 5 Mar 2025 10:22

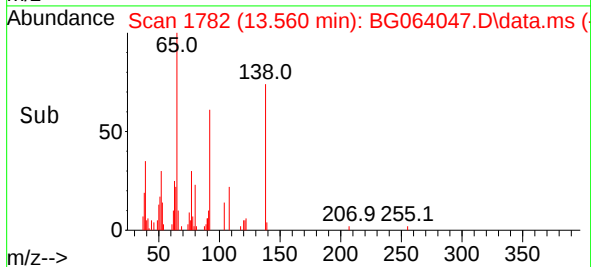
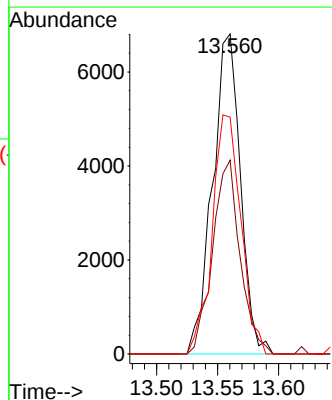
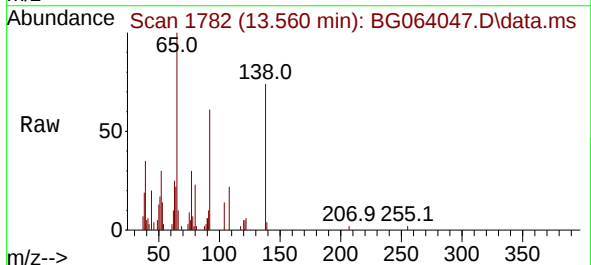
Instrument :  
BNA\_G  
ClientSampleId :  
SSTDICC010

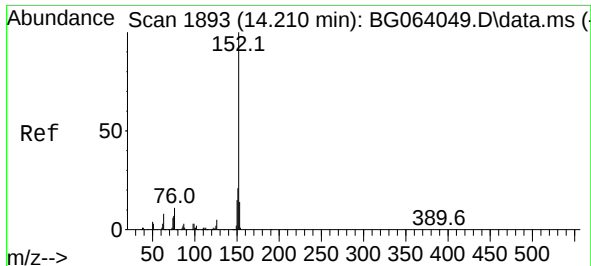
Tgt Ion:162 Resp: 50394  
Ion Ratio Lower Upper  
162 100  
127 42.1 35.0 52.4  
164 30.8 25.0 37.6



#48  
2-Nitroaniline  
Concen: 9.850 ng  
RT: 13.560 min Scan# 1782  
Delta R.T. -0.004 min  
Lab File: BG064047.D  
Acq: 5 Mar 2025 10:22

Tgt Ion: 65 Resp: 10834  
Ion Ratio Lower Upper  
65 100  
92 60.6 51.2 76.8  
138 74.0 69.4 104.2





#49

Acenaphthylene

Concen: 9.621 ng

RT: 14.207 min Scan# 1892

Delta R.T. -0.004 min

Lab File: BG064047.D

Acq: 5 Mar 2025 10:22

Instrument :

BNA\_G

ClientSampleId :

SSTDICC010

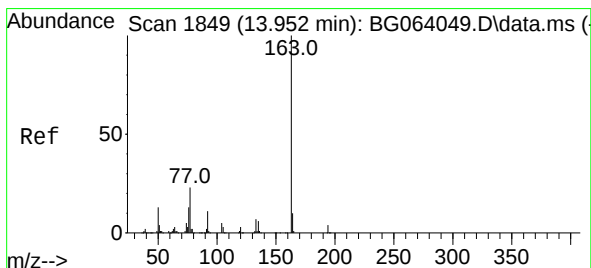
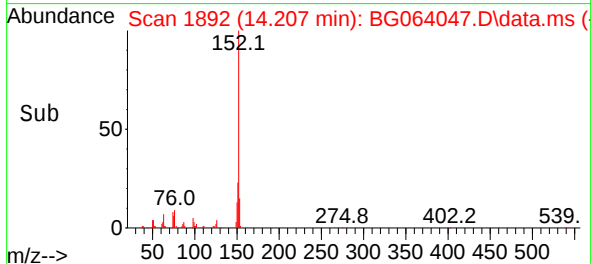
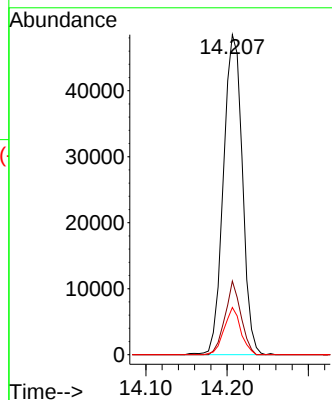
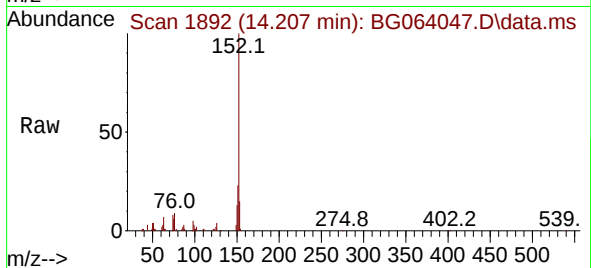
Tgt Ion:152 Resp: 78614

Ion Ratio Lower Upper

152 100

151 23.0 16.4 24.6

153 14.8 10.9 16.3



#50

Dimethylphthalate

Concen: 9.487 ng

RT: 13.942 min Scan# 1847

Delta R.T. -0.010 min

Lab File: BG064047.D

Acq: 5 Mar 2025 10:22

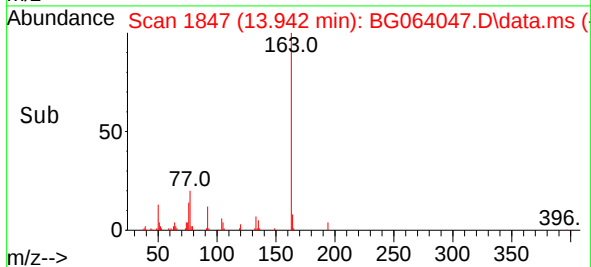
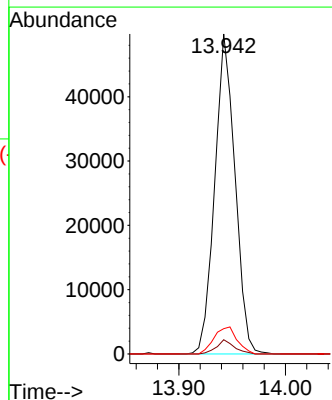
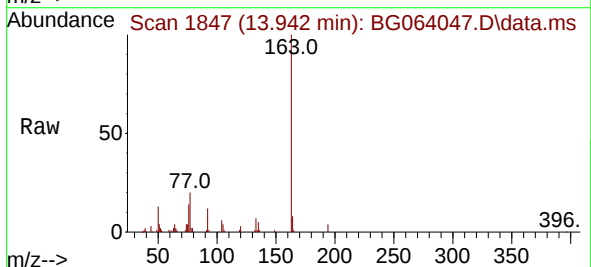
Tgt Ion:163 Resp: 65659

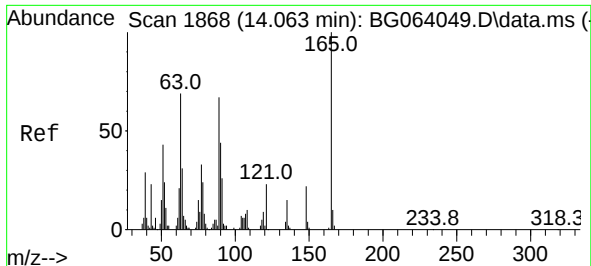
Ion Ratio Lower Upper

163 100

194 4.5 2.8 4.2#

164 7.9 8.2 12.2#





#51

2,6-Dinitrotoluene

Concen: 9.566 ng

RT: 14.054 min Scan# 11

Delta R.T. -0.009 min

Lab File: BG064047.D

Acq: 5 Mar 2025 10:22

Instrument :

BNA\_G

ClientSampleId :

SSTDICC010

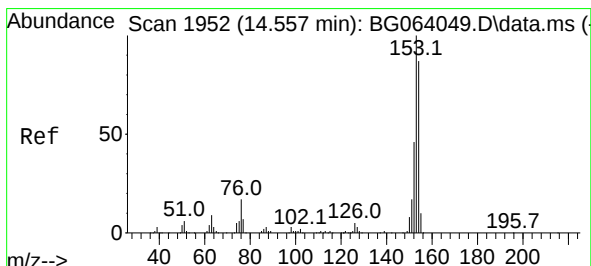
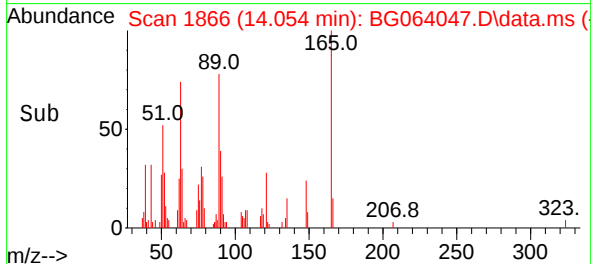
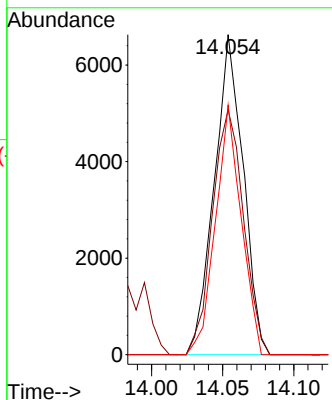
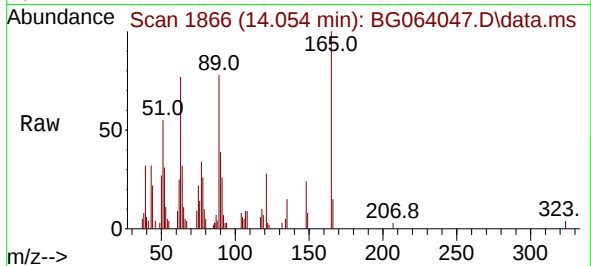
Tgt Ion:165 Resp: 9373

Ion Ratio Lower Upper

165 100

63 76.6 56.7 85.1

89 78.0 53.7 80.5



#52

Acenaphthene

Concen: 9.996 ng

RT: 14.547 min Scan# 1950

Delta R.T. -0.010 min

Lab File: BG064047.D

Acq: 5 Mar 2025 10:22

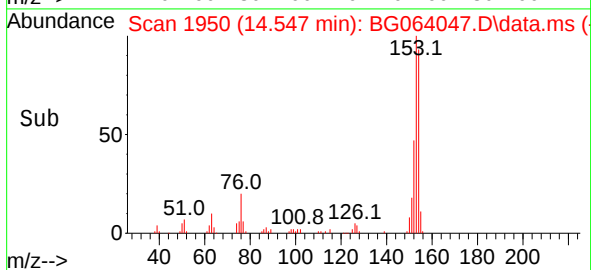
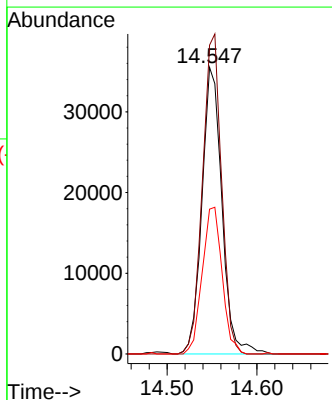
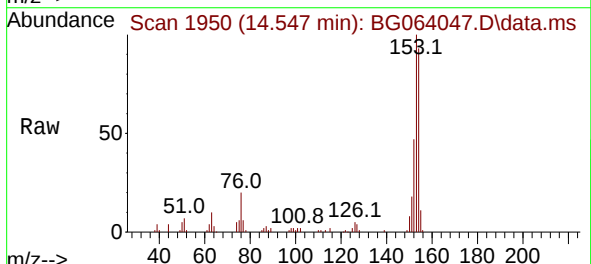
Tgt Ion:154 Resp: 54929

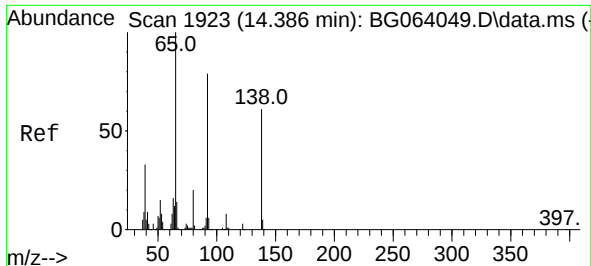
Ion Ratio Lower Upper

154 100

153 107.8 91.6 137.4

152 50.6 42.5 63.7

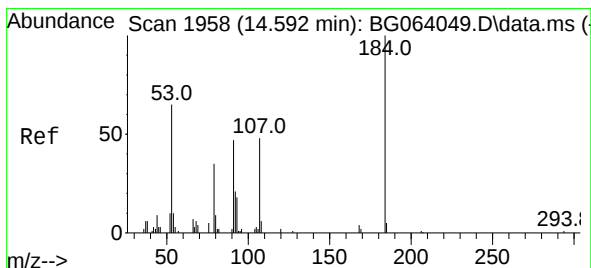
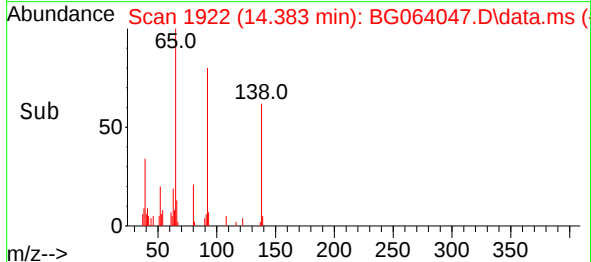
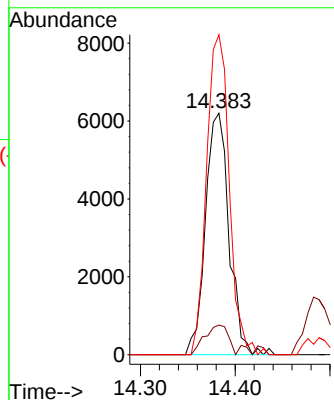
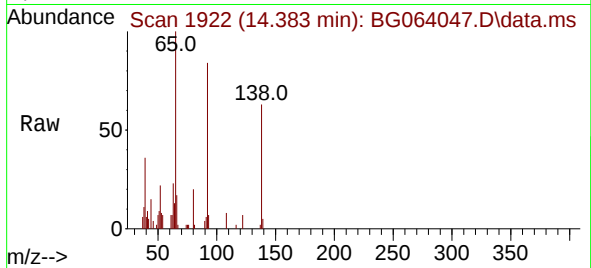




#53  
3-Nitroaniline  
Concen: 7.997 ng  
RT: 14.383 min Scan# 1922  
Delta R.T. -0.004 min  
Lab File: BG064047.D  
Acq: 5 Mar 2025 10:22

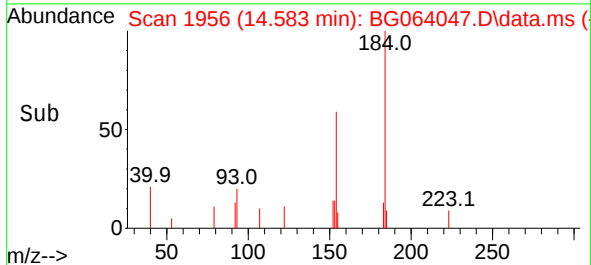
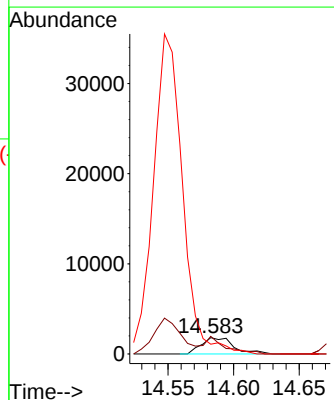
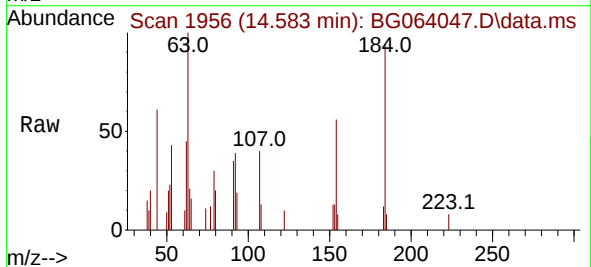
Instrument :  
BNA\_G  
ClientSampleId :  
SSTDICC010

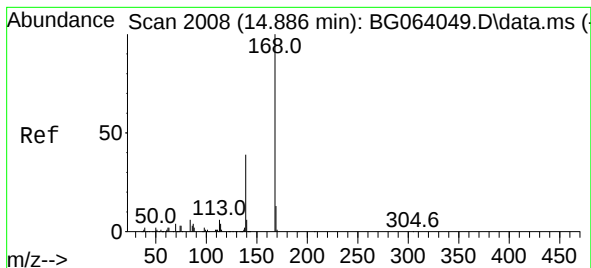
Tgt Ion:138 Resp: 10697  
Ion Ratio Lower Upper  
138 100  
108 12.3 10.1 15.1  
92 132.5 104.1 156.1



#54  
2,4-Dinitrophenol  
Concen: 12.640 ng  
RT: 14.583 min Scan# 1956  
Delta R.T. -0.009 min  
Lab File: BG064047.D  
Acq: 5 Mar 2025 10:22

Tgt Ion:184 Resp: 3090  
Ion Ratio Lower Upper  
184 100  
63 106.9 57.5 86.3#  
154 59.5 52.3 78.5





#55

Dibenzenofuran

Concen: 9.924 ng

RT: 14.882 min Scan# 2008

Delta R.T. -0.004 min

Lab File: BG064047.D

Acq: 5 Mar 2025 10:22

Instrument :

BNA\_G

ClientSampleId :

SSTDICC010

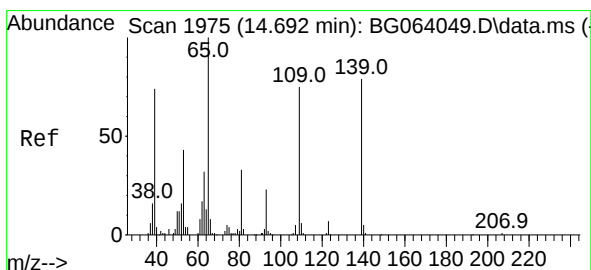
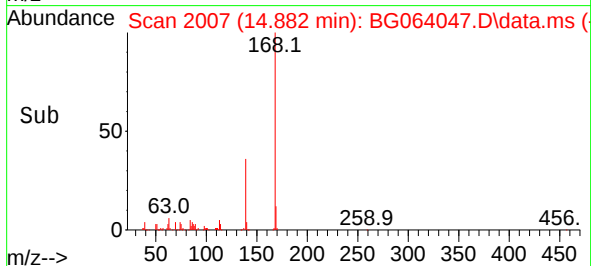
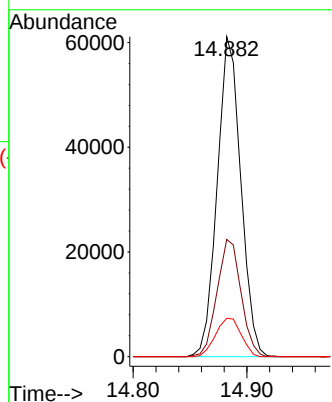
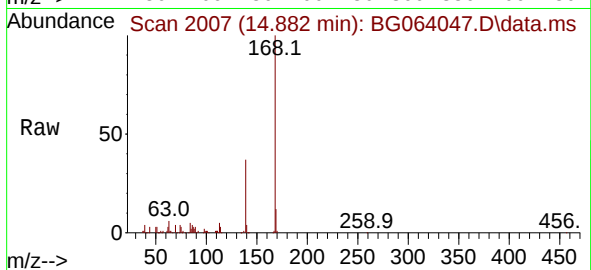
Tgt Ion:168 Resp: 88163

Ion Ratio Lower Upper

168 100

139 36.7 31.1 46.7

169 12.0 10.5 15.7



#56

4-Nitrophenol

Concen: 6.849 ng

RT: 14.682 min Scan# 1973

Delta R.T. -0.010 min

Lab File: BG064047.D

Acq: 5 Mar 2025 10:22

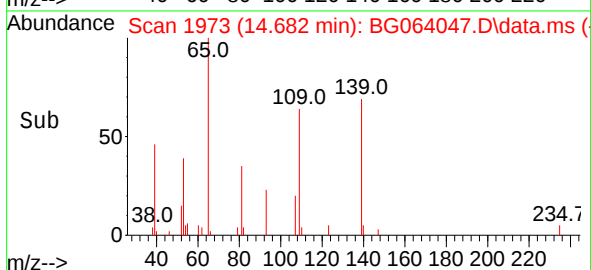
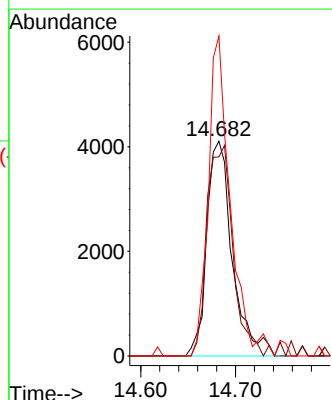
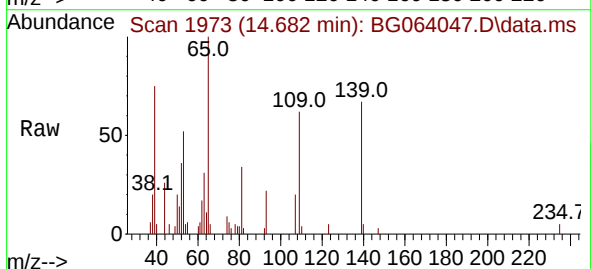
Tgt Ion:139 Resp: 7683

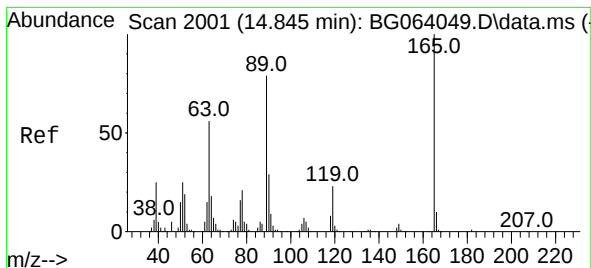
Ion Ratio Lower Upper

139 100

109 92.7 74.9 114.9

65 149.0 106.8 146.8#

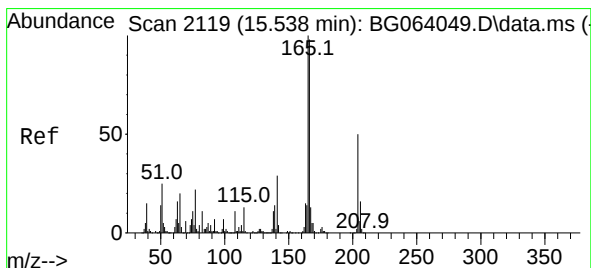
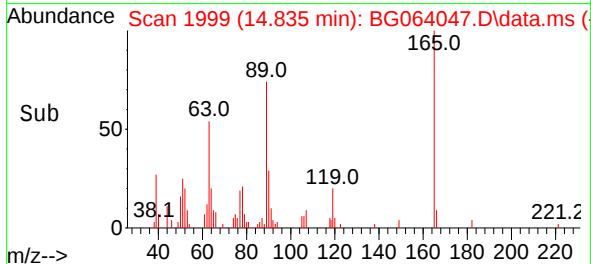
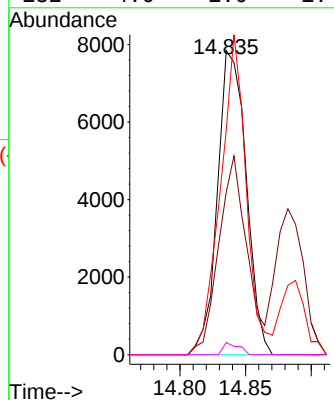
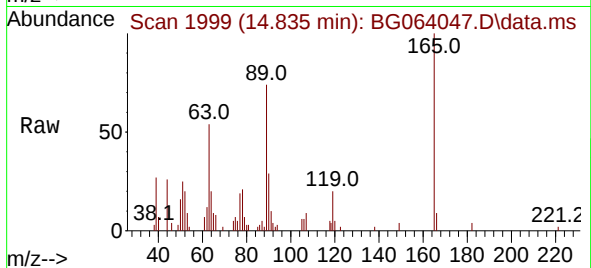




#57  
2,4-Dinitrotoluene  
Concen: 9.344 ng  
RT: 14.835 min Scan# 11947  
Delta R.T. -0.010 min  
Lab File: BG064047.D  
Acq: 5 Mar 2025 10:22

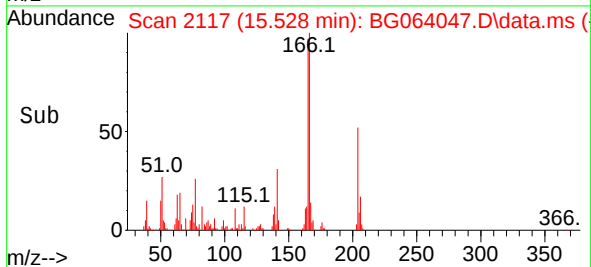
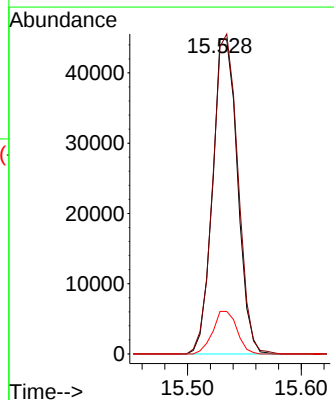
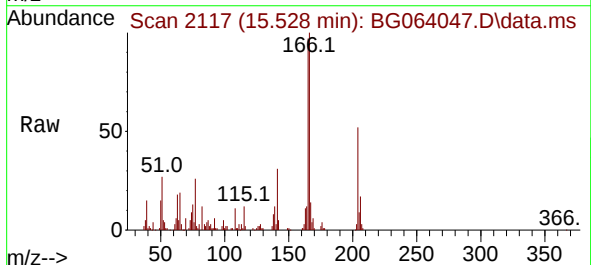
Instrument :  
BNA\_G  
ClientSampleId :  
SSTDICC010

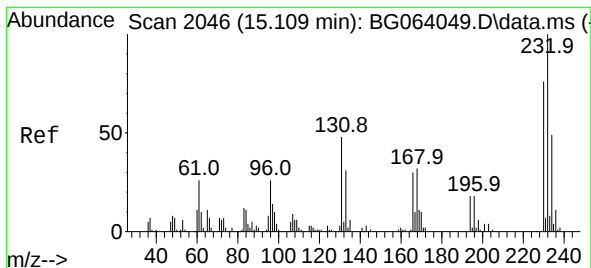
Tgt Ion:165 Resp: 11947  
Ion Ratio Lower Upper  
165 100  
63 53.5 45.0 67.6  
89 74.0 63.1 94.7  
182 4.0 1.0 1.4#



#58  
Fluorene  
Concen: 9.821 ng  
RT: 15.528 min Scan# 2117  
Delta R.T. -0.010 min  
Lab File: BG064047.D  
Acq: 5 Mar 2025 10:22

Tgt Ion:166 Resp: 67954  
Ion Ratio Lower Upper  
166 100  
165 97.4 81.8 122.8  
167 13.5 10.8 16.2

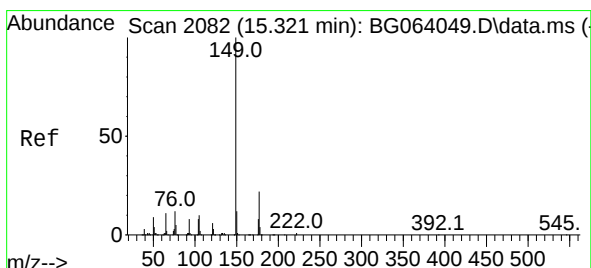
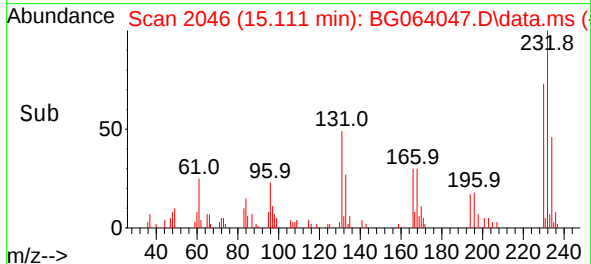
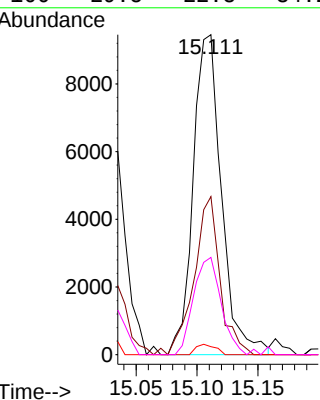
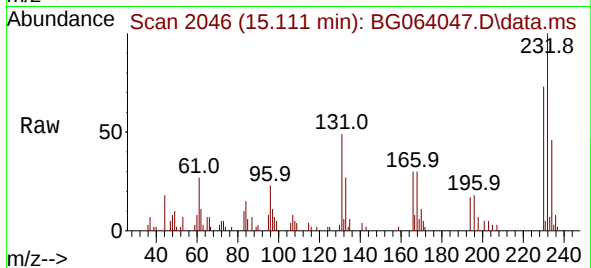




#59  
2,3,4,6-Tetrachlorophenol  
Concen: 8.943 ng  
RT: 15.111 min Scan# 2046  
Delta R.T. 0.002 min  
Lab File: BG064047.D  
Acq: 5 Mar 2025 10:22

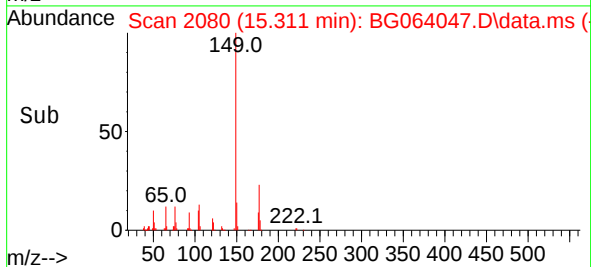
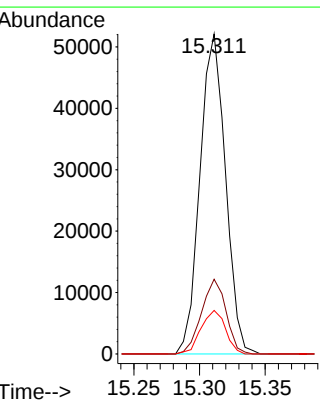
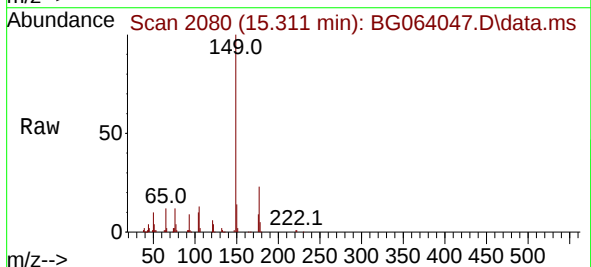
Instrument :  
BNA\_G  
ClientSampleId :  
SSTDICC010

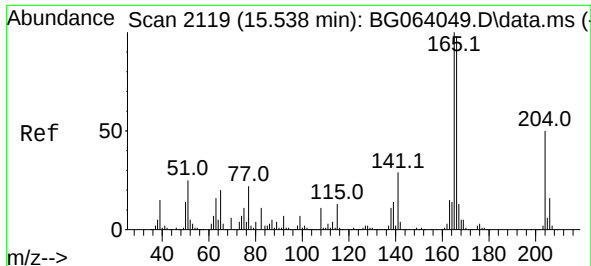
Tgt Ion:232 Resp: 15282  
Ion Ratio Lower Upper  
232 100  
131 45.2 36.3 54.5  
130 2.2 1.9 2.9  
166 29.5 22.8 34.2



#60  
Diethylphthalate  
Concen: 9.363 ng  
RT: 15.311 min Scan# 2080  
Delta R.T. -0.010 min  
Lab File: BG064047.D  
Acq: 5 Mar 2025 10:22

Tgt Ion:149 Resp: 70346  
Ion Ratio Lower Upper  
149 100  
177 23.4 17.4 26.2  
150 13.6 9.4 14.2

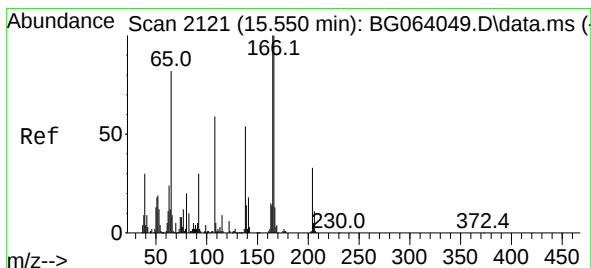
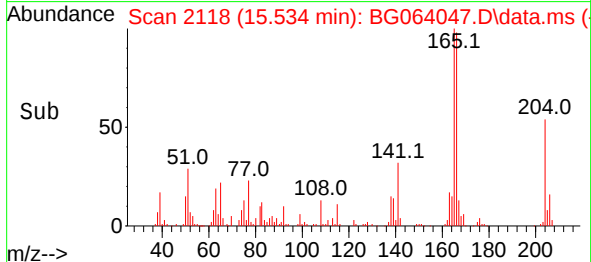
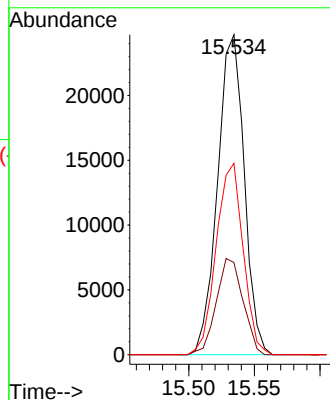
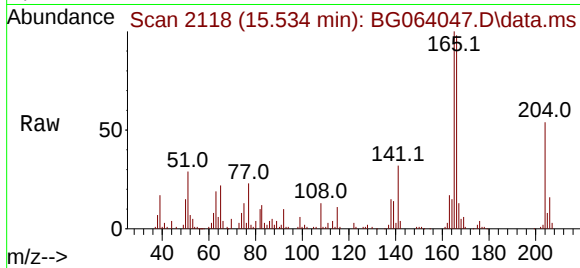




#61  
4-Chlorophenyl-phenylether  
Concen: 10.139 ng  
RT: 15.534 min Scan# 2119  
Delta R.T. -0.004 min  
Lab File: BG064047.D  
Acq: 5 Mar 2025 10:22

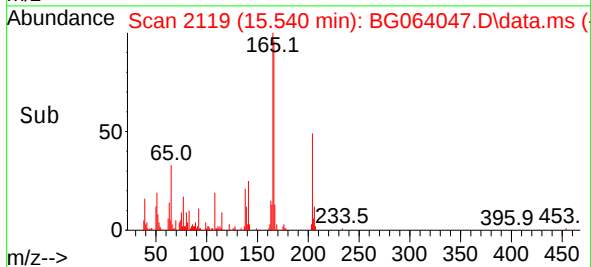
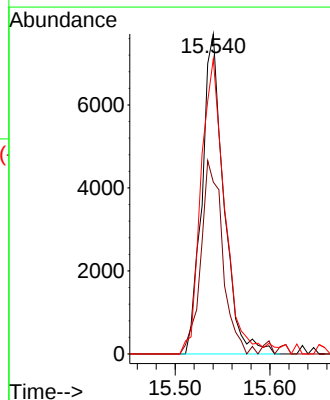
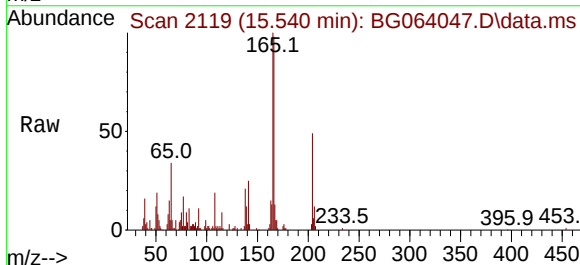
Instrument :  
BNA\_G  
ClientSampleId :  
SSTDICC010

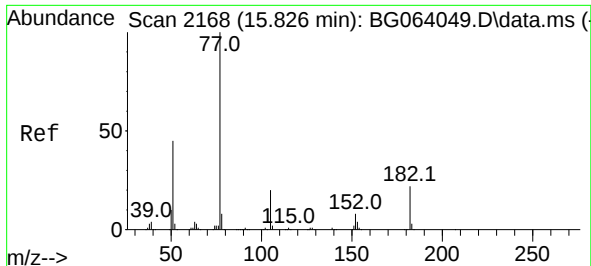
Tgt Ion:204 Resp: 34862  
Ion Ratio Lower Upper  
204 100  
206 28.8 25.5 38.3  
141 59.8 45.4 68.0



#62  
4-Nitroaniline  
Concen: 8.534 ng  
RT: 15.540 min Scan# 2119  
Delta R.T. -0.010 min  
Lab File: BG064047.D  
Acq: 5 Mar 2025 10:22

Tgt Ion:138 Resp: 12324  
Ion Ratio Lower Upper  
138 100  
92 53.7 36.1 76.1  
108 92.2 87.9 127.9

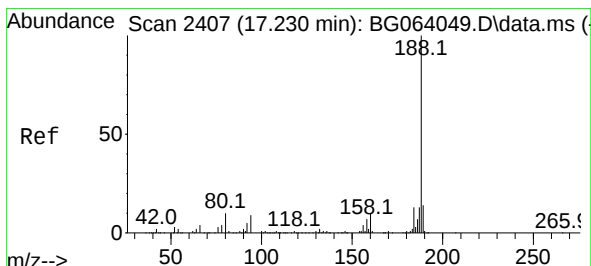
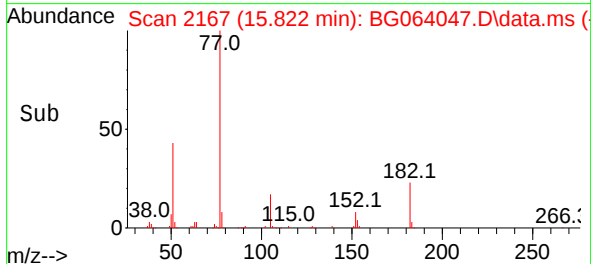
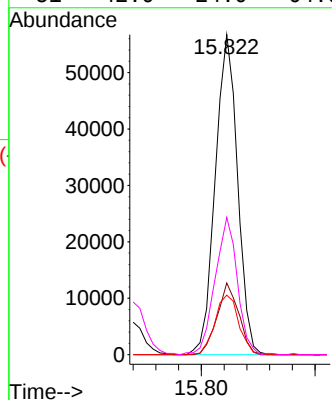
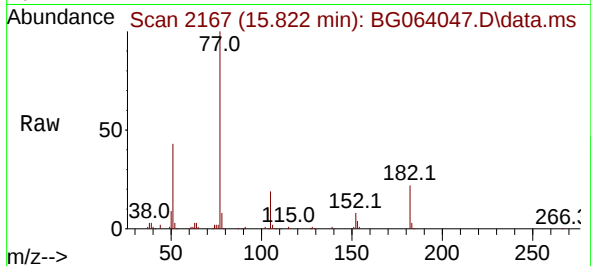




#63  
Azobenzene  
Concen: 9.620 ng  
RT: 15.822 min Scan# 2167  
Delta R.T. -0.004 min  
Lab File: BG064047.D  
Acq: 5 Mar 2025 10:22

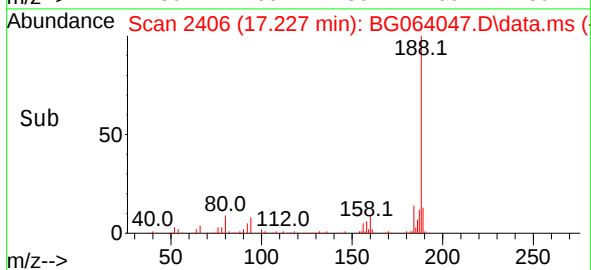
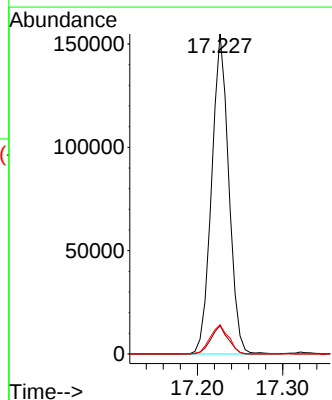
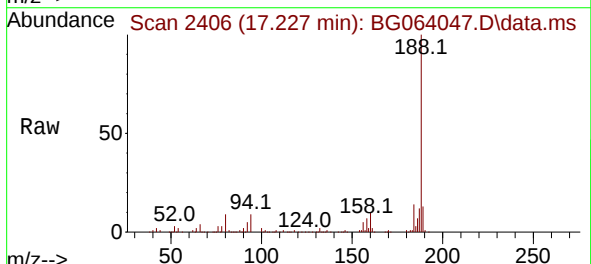
Instrument :  
BNA\_G  
ClientSampleId :  
SSTDICC010

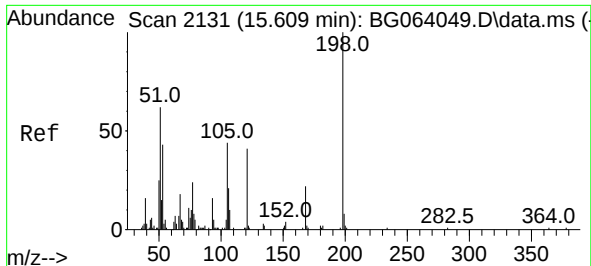
|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 77    | Resp: | 77127 |
| Ion      | Ratio | Lower | Upper |
| 77       | 100   |       |       |
| 182      | 22.4  | 2.4   | 42.4  |
| 105      | 18.6  | 0.0   | 40.0  |
| 51       | 42.9  | 24.9  | 64.9  |



#64  
Phenanthrene-d10  
Concen: 20.000 ng  
RT: 17.227 min Scan# 2406  
Delta R.T. -0.003 min  
Lab File: BG064047.D  
Acq: 5 Mar 2025 10:22

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 188   | Resp: | 216134 |
| Ion      | Ratio | Lower | Upper  |
| 188      | 100   |       |        |
| 94       | 8.9   | 6.9   | 10.3   |
| 80       | 9.2   | 8.1   | 12.1   |

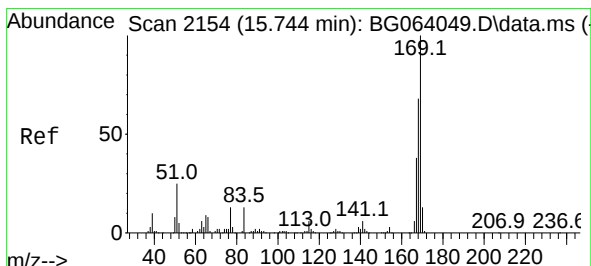
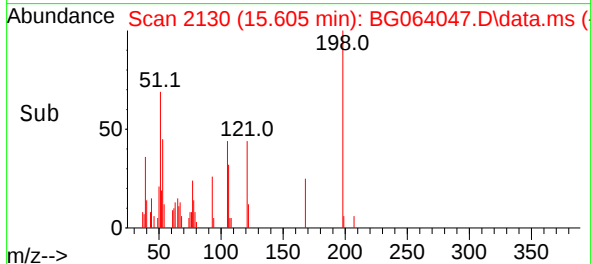
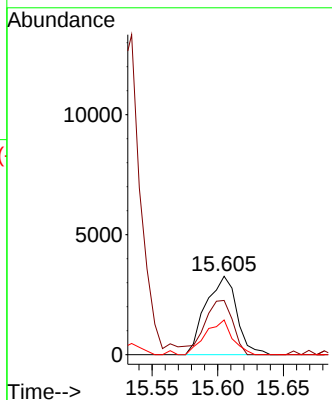
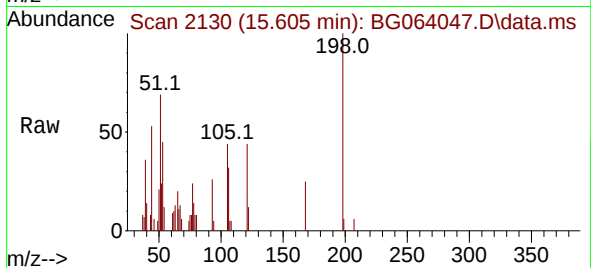




#65  
4,6-Dinitro-2-methylphenol  
Concen: 12.953 ng  
RT: 15.605 min Scan# 2131  
Delta R.T. -0.004 min  
Lab File: BG064047.D  
Acq: 5 Mar 2025 10:22

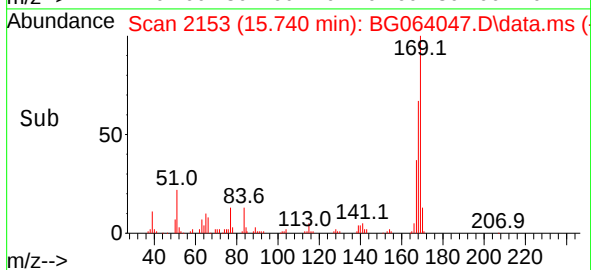
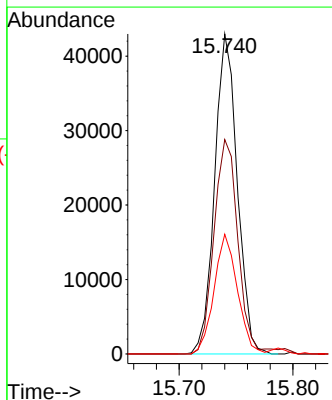
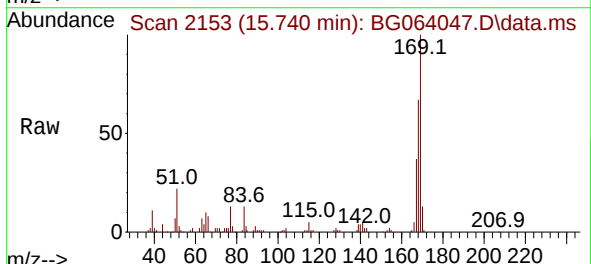
Instrument :  
BNA\_G  
ClientSampleId :  
SSTDICC010

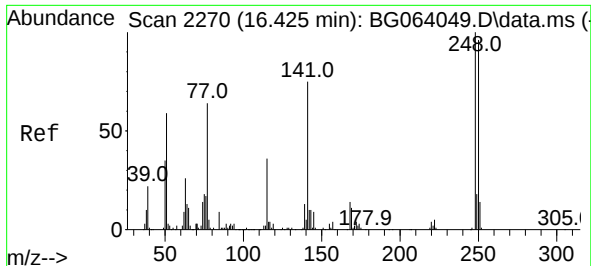
Tgt Ion:198 Resp: 5373  
Ion Ratio Lower Upper  
198 100  
51 69.2 45.6 85.6  
105 44.3 25.3 65.3



#66  
n-Nitrosodiphenylamine  
Concen: 9.727 ng  
RT: 15.740 min Scan# 2153  
Delta R.T. -0.004 min  
Lab File: BG064047.D  
Acq: 5 Mar 2025 10:22

Tgt Ion:169 Resp: 59511  
Ion Ratio Lower Upper  
169 100  
168 67.0 54.1 81.1  
167 37.4 30.3 45.5

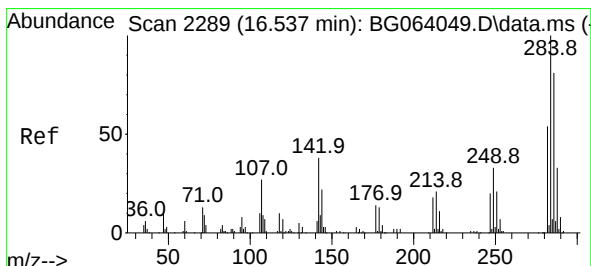
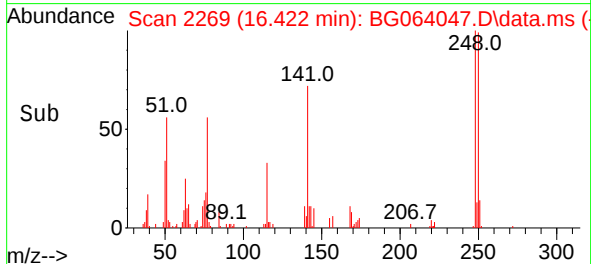
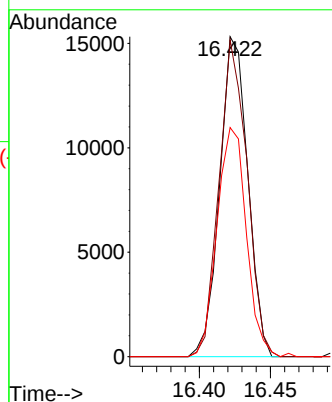
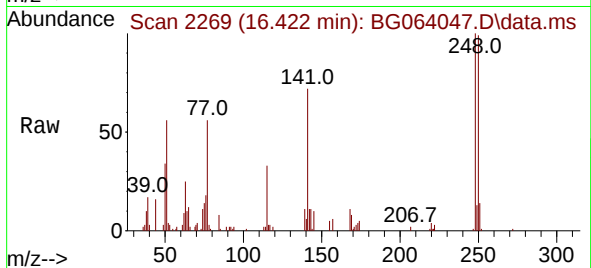




#67  
4-Bromophenyl-phenylether  
Concen: 9.525 ng  
RT: 16.422 min Scan# 21  
Delta R.T. -0.004 min  
Lab File: BG064047.D  
Acq: 5 Mar 2025 10:22

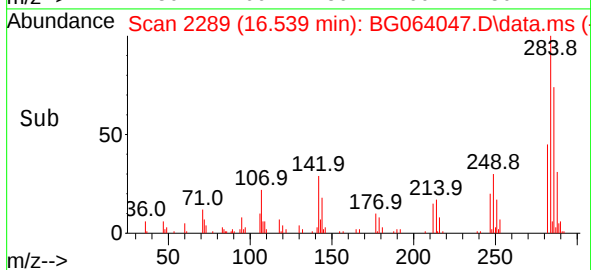
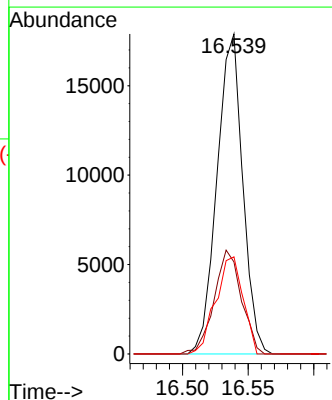
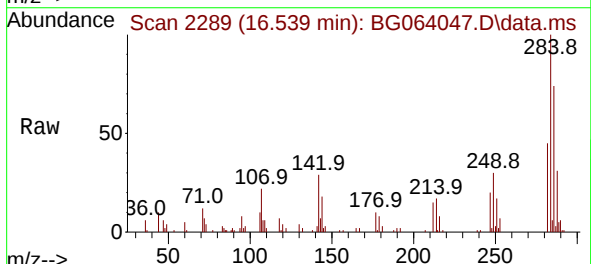
Instrument :  
BNA\_G  
ClientSampleId :  
SSTDICC010

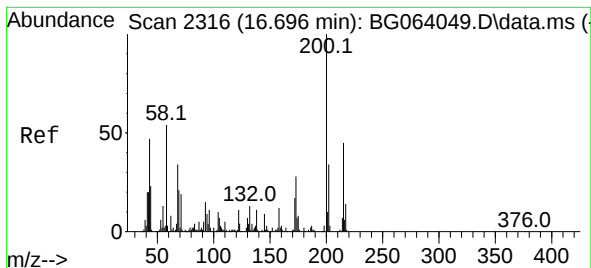
Tgt Ion:248 Resp: 21085  
Ion Ratio Lower Upper  
248 100  
250 98.9 77.1 115.7  
141 71.6 59.8 89.8



#68  
Hexachlorobenzene  
Concen: 9.848 ng  
RT: 16.539 min Scan# 2289  
Delta R.T. 0.002 min  
Lab File: BG064047.D  
Acq: 5 Mar 2025 10:22

Tgt Ion:284 Resp: 24406  
Ion Ratio Lower Upper  
284 100  
142 28.7 30.6 45.8#  
249 30.3 26.6 39.8





#69

Atrazine

Concen: 11.436 ng

RT: 16.686 min Scan# 2314

Delta R.T. -0.010 min

Lab File: BG064047.D

Acq: 5 Mar 2025 10:22

Instrument :

BNA\_G

ClientSampleId :

SSTDICC010

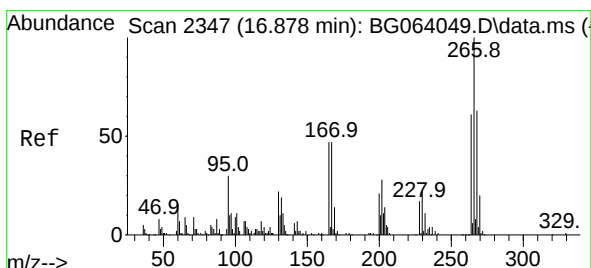
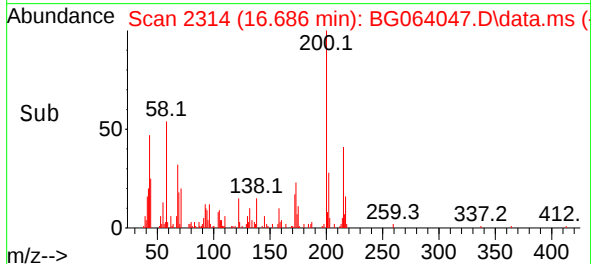
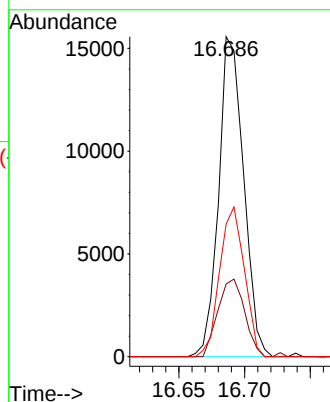
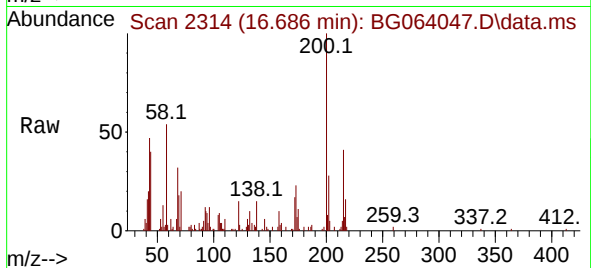
Tgt Ion:200 Resp: 20585

Ion Ratio Lower Upper

200 100

173 22.7 8.2 48.2

215 41.4 25.5 65.5



#70

Pentachlorophenol

Concen: 7.355 ng

RT: 16.874 min Scan# 2346

Delta R.T. -0.004 min

Lab File: BG064047.D

Acq: 5 Mar 2025 10:22

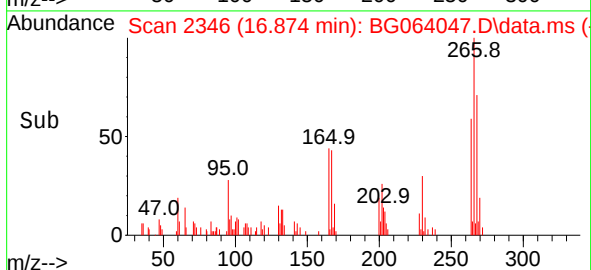
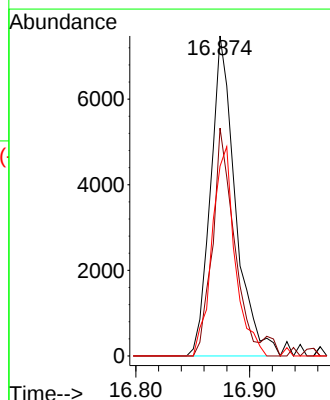
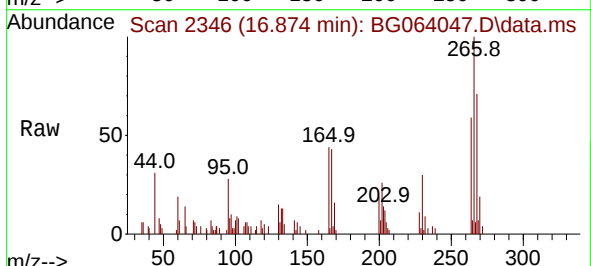
Tgt Ion:266 Resp: 11318

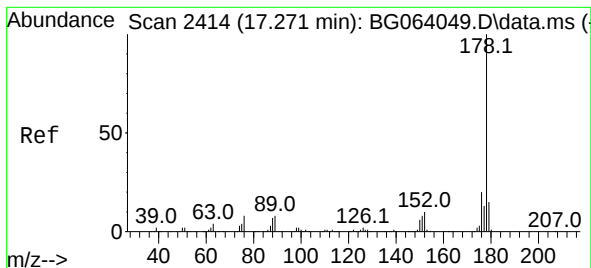
Ion Ratio Lower Upper

266 100

268 77.8 50.2 75.4#

264 66.2 48.9 73.3





#71

Phenanthrene

Concen: 9.694 ng

RT: 17.268 min Scan# 2413

Delta R.T. -0.004 min

Lab File: BG064047.D

Acq: 5 Mar 2025 10:22

Instrument :

BNA\_G

ClientSampleId :

SSTDICC010

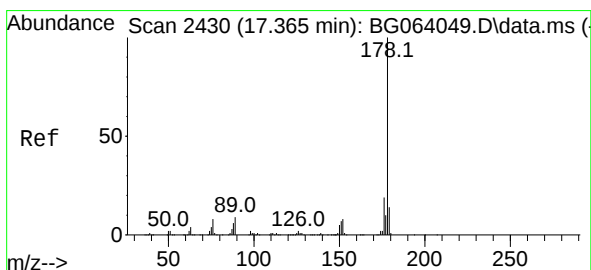
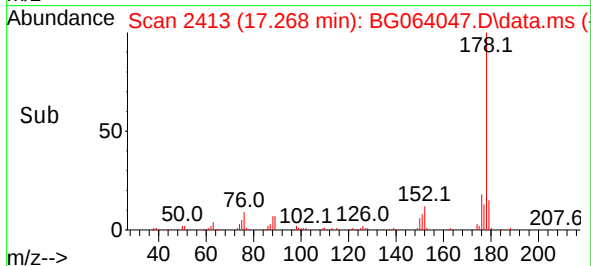
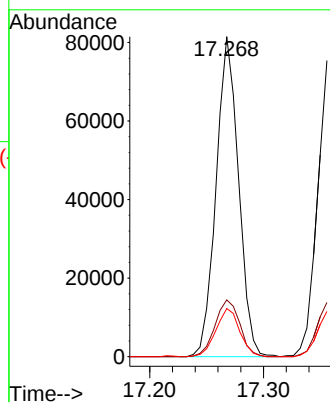
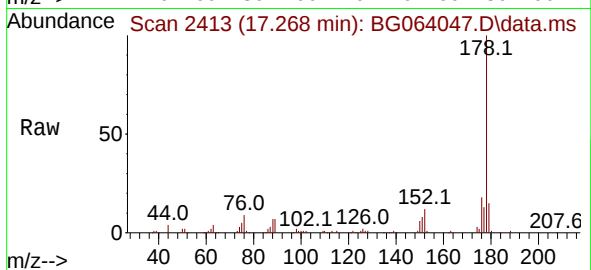
Tgt Ion:178 Resp: 111754

Ion Ratio Lower Upper

178 100

176 17.7 15.9 23.9

179 15.0 12.2 18.2



#72

Anthracene

Concen: 9.810 ng

RT: 17.356 min Scan# 2428

Delta R.T. -0.010 min

Lab File: BG064047.D

Acq: 5 Mar 2025 10:22

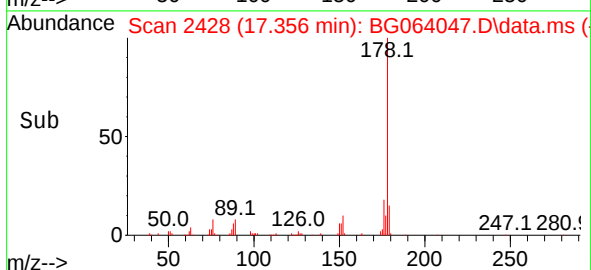
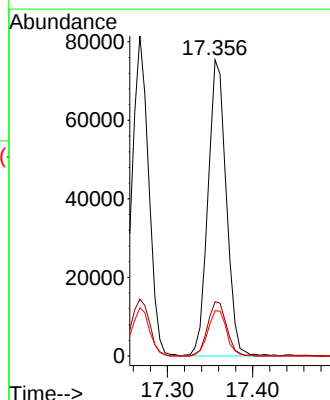
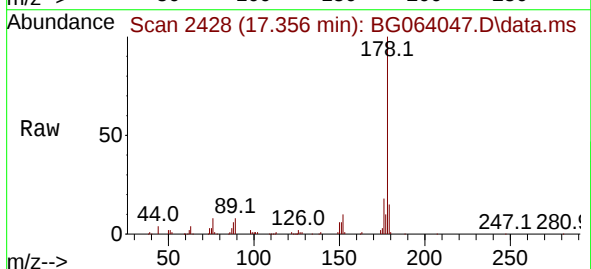
Tgt Ion:178 Resp: 112451

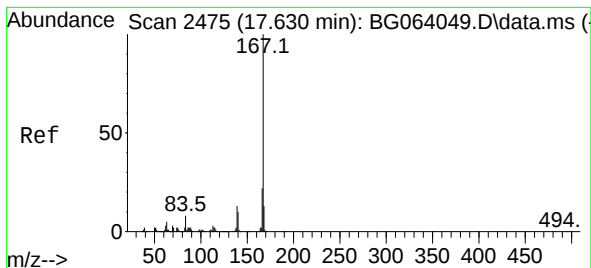
Ion Ratio Lower Upper

178 100

176 18.3 14.8 22.2

179 15.3 11.5 17.3





#73

Carbazole

Concen: 9.974 ng

RT: 17.626 min Scan# 2475

Delta R.T. -0.004 min

Lab File: BG064047.D

Acq: 5 Mar 2025 10:22

Instrument :

BNA\_G

ClientSampleId :

SSTDICC010

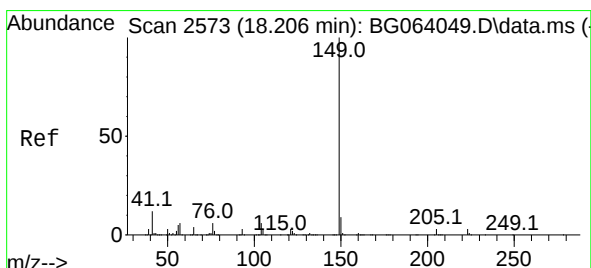
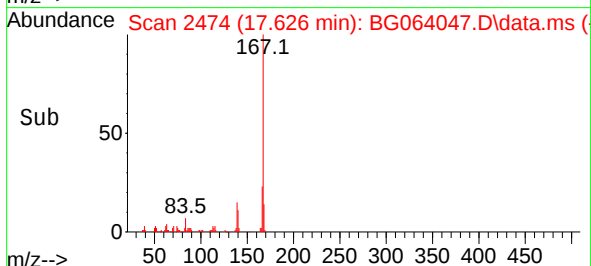
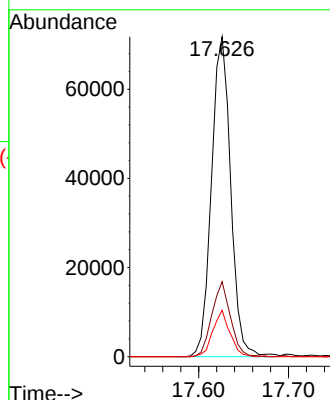
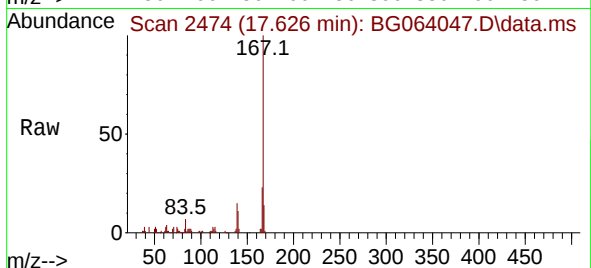
Tgt Ion:167 Resp: 106750

Ion Ratio Lower Upper

167 100

166 23.5 18.0 27.0

139 14.5 10.6 15.8



#74

Di-n-butylphthalate

Concen: 9.396 ng

RT: 18.202 min Scan# 2572

Delta R.T. -0.004 min

Lab File: BG064047.D

Acq: 5 Mar 2025 10:22

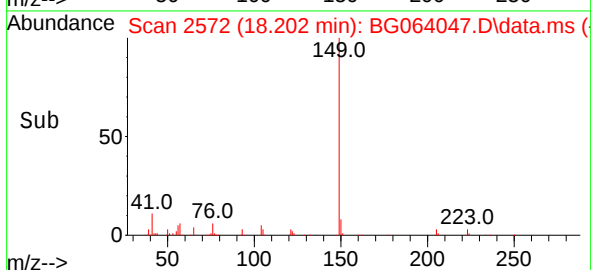
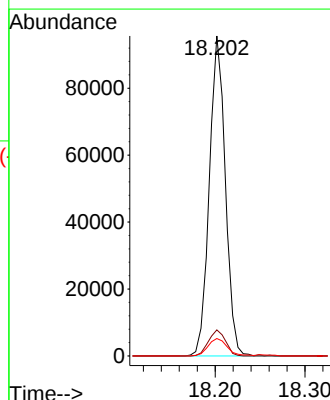
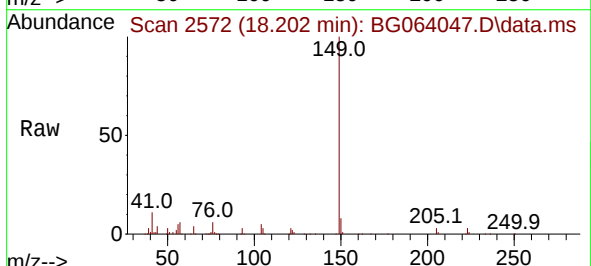
Tgt Ion:149 Resp: 118366

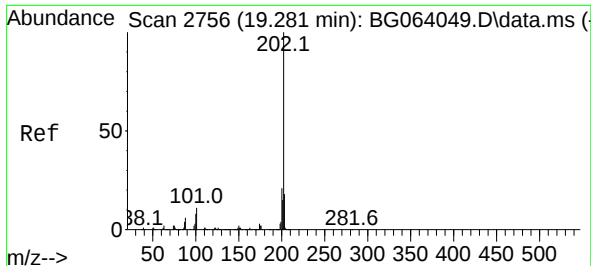
Ion Ratio Lower Upper

149 100

150 8.2 7.4 11.0

104 5.5 5.0 7.6

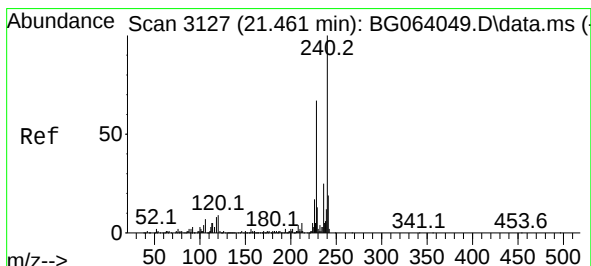
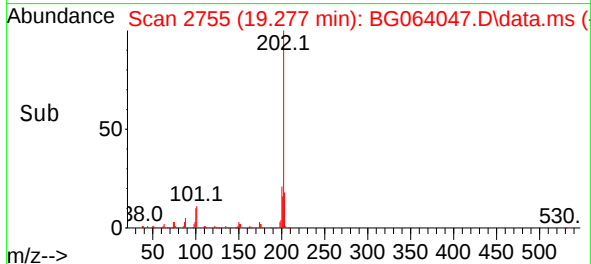
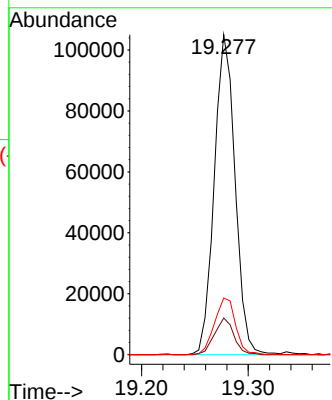
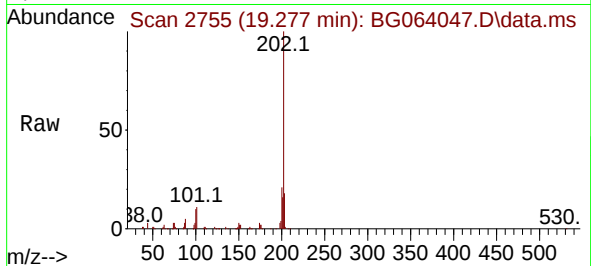




#75  
Fluoranthene  
Concen: 10.224 ng  
RT: 19.277 min Scan# 21  
Delta R.T. -0.004 min  
Lab File: BG064047.D  
Acq: 5 Mar 2025 10:22

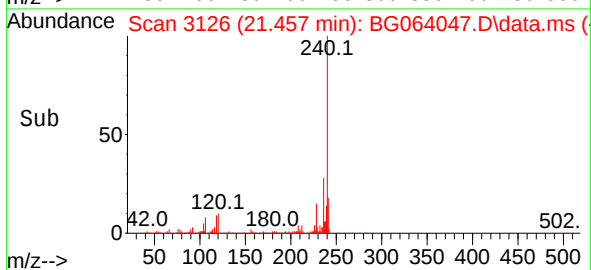
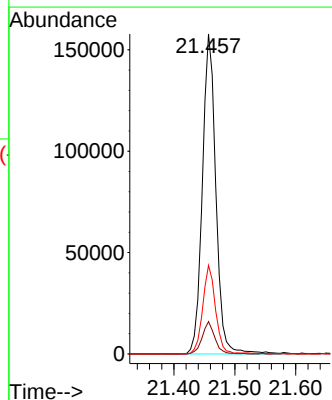
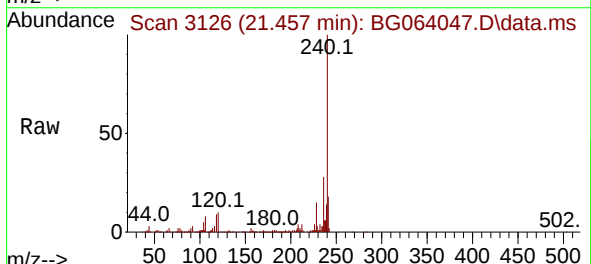
Instrument :  
BNA\_G  
ClientSampleId :  
SSTDICC010

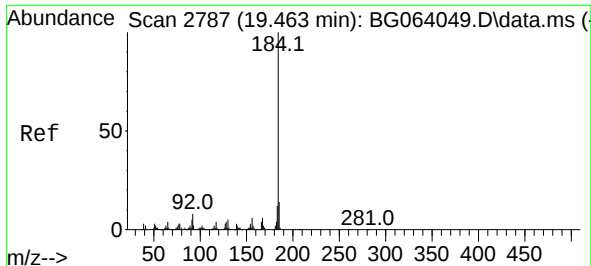
Tgt Ion:202 Resp: 142097  
Ion Ratio Lower Upper  
202 100  
101 11.5 0.0 30.5  
203 17.7 0.0 38.3



#76  
Chrysene-d12  
Concen: 20.000 ng  
RT: 21.457 min Scan# 3126  
Delta R.T. -0.004 min  
Lab File: BG064047.D  
Acq: 5 Mar 2025 10:22

Tgt Ion:240 Resp: 243131  
Ion Ratio Lower Upper  
240 100  
120 10.1 7.2 10.8  
236 27.7 20.2 30.2

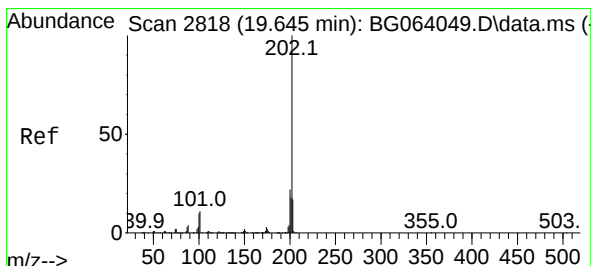
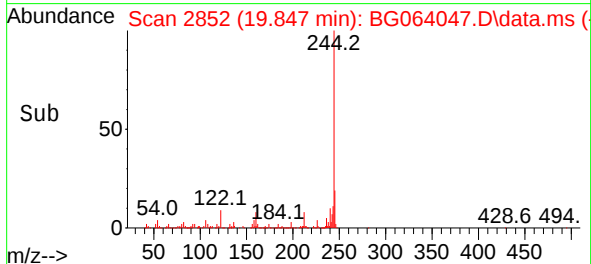
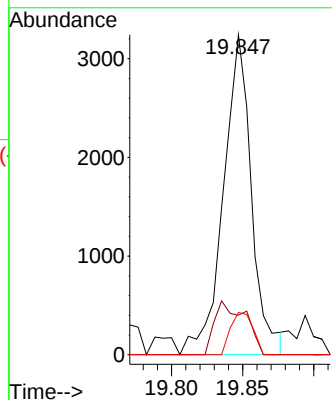
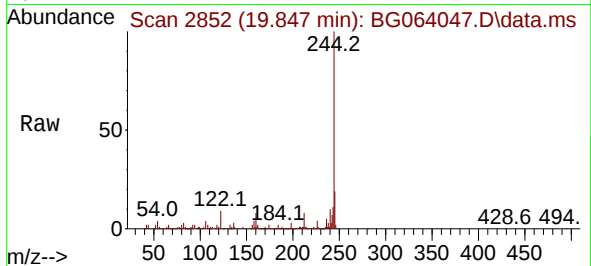




#77  
Benzidine  
Concen: 1.307 ng  
RT: 19.847 min Scan# 21  
Delta R.T. 0.384 min  
Lab File: BG064047.D  
Acq: 5 Mar 2025 10:22

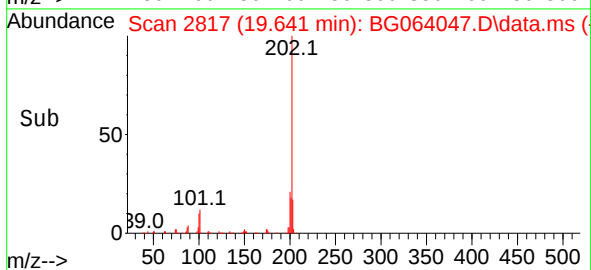
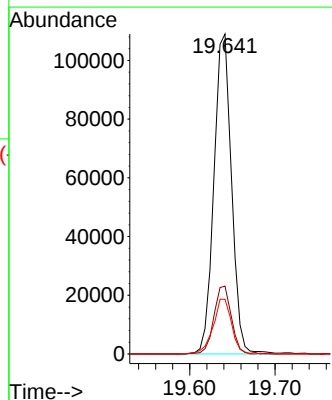
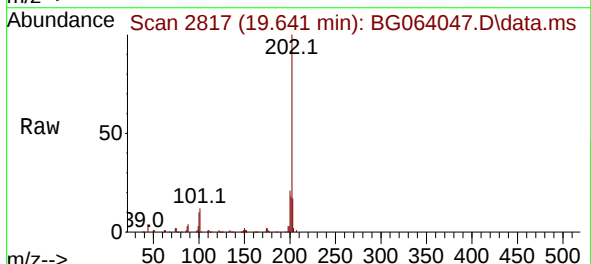
Instrument :  
BNA\_G  
ClientSampleId :  
SSTDICC010

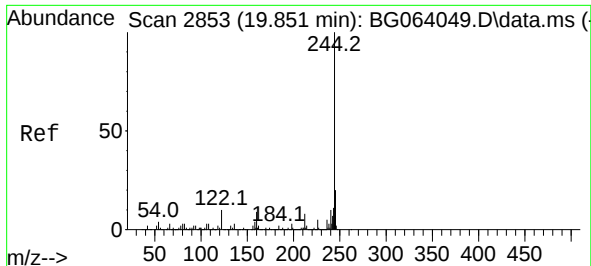
Tgt Ion:184 Resp: 4461  
Ion Ratio Lower Upper  
184 100  
185 12.4 11.3 16.9  
183 13.2 9.5 14.3



#78  
Pyrene  
Concen: 9.980 ng  
RT: 19.641 min Scan# 2817  
Delta R.T. -0.004 min  
Lab File: BG064047.D  
Acq: 5 Mar 2025 10:22

Tgt Ion:202 Resp: 156414  
Ion Ratio Lower Upper  
202 100  
200 21.2 17.3 25.9  
203 17.1 13.6 20.4

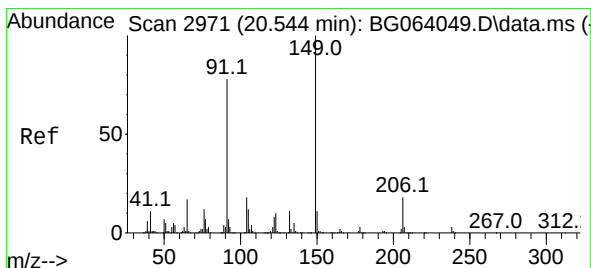
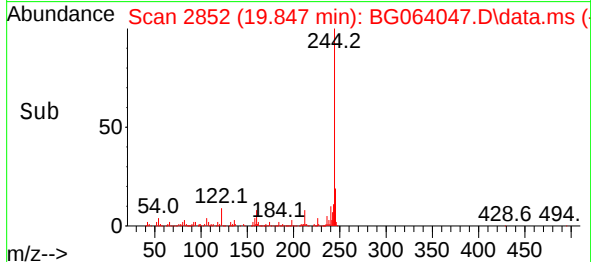
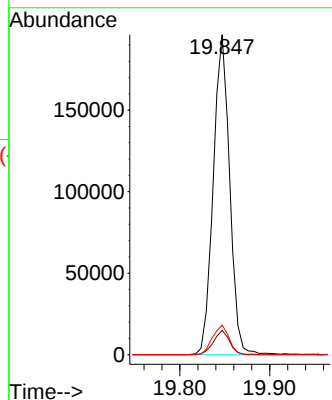
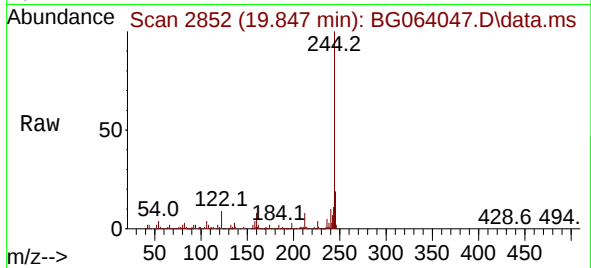




#79  
 Terphenyl-d14  
 Concen: 20.697 ng  
 RT: 19.847 min Scan# 2853  
 Delta R.T. -0.004 min  
 Lab File: BG064047.D  
 Acq: 5 Mar 2025 10:22

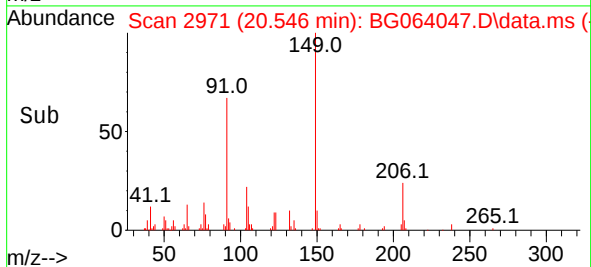
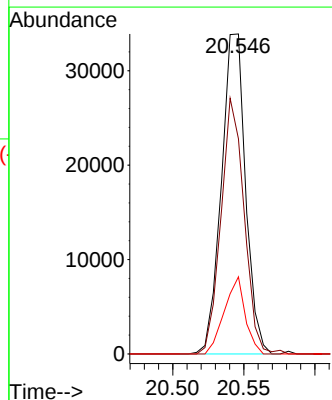
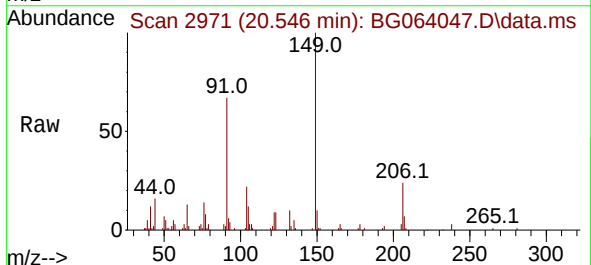
Instrument :  
 BNA\_G  
 ClientSampleId :  
 SSTDICC010

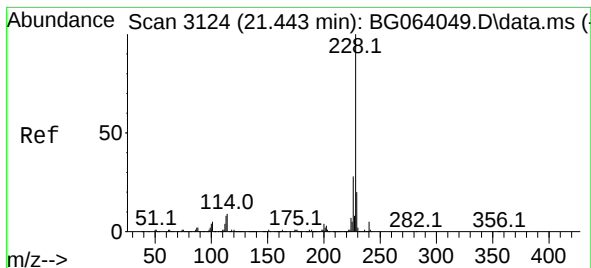
Tgt Ion:244 Resp: 248866  
 Ion Ratio Lower Upper  
 244 100  
 212 7.6 6.2 9.4  
 122 9.2 8.0 12.0



#80  
 Butylbenzylphthalate  
 Concen: 9.952 ng  
 RT: 20.546 min Scan# 2971  
 Delta R.T. 0.002 min  
 Lab File: BG064047.D  
 Acq: 5 Mar 2025 10:22

Tgt Ion:149 Resp: 40179  
 Ion Ratio Lower Upper  
 149 100  
 91 67.2 62.0 93.0  
 206 24.1 14.6 21.8#





#81

Benzo(a)anthracene

Concen: 9.895 ng

RT: 21.439 min Scan# 3124

Delta R.T. -0.004 min

Lab File: BG064047.D

Acq: 5 Mar 2025 10:22

Instrument :

BNA\_G

ClientSampleId :

SSTDICC010

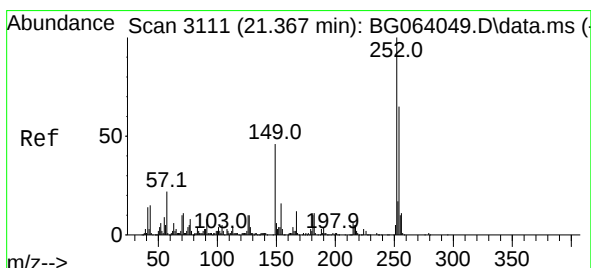
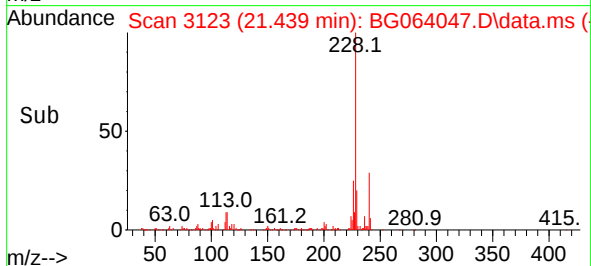
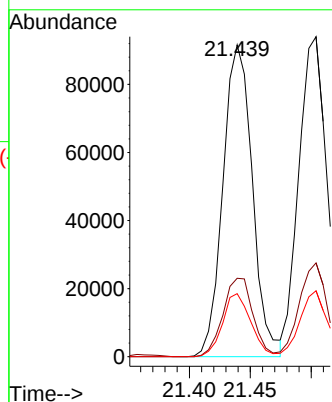
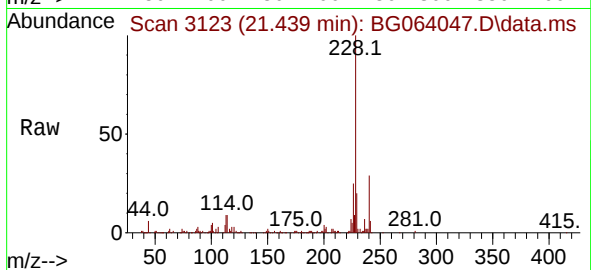
Tgt Ion:228 Resp: 154113

Ion Ratio Lower Upper

228 100

226 25.1 22.2 33.2

229 20.2 16.4 24.6



#82

3,3'-Dichlorobenzidine

Concen: 9.539 ng

RT: 21.363 min Scan# 3110

Delta R.T. -0.004 min

Lab File: BG064047.D

Acq: 5 Mar 2025 10:22

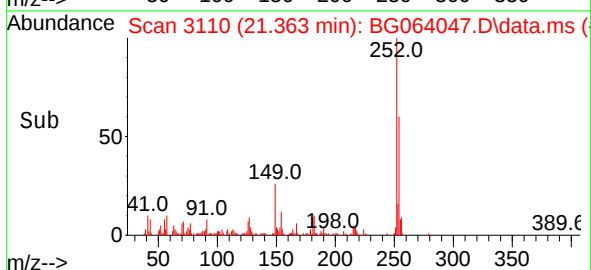
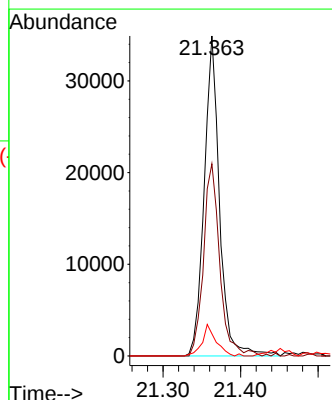
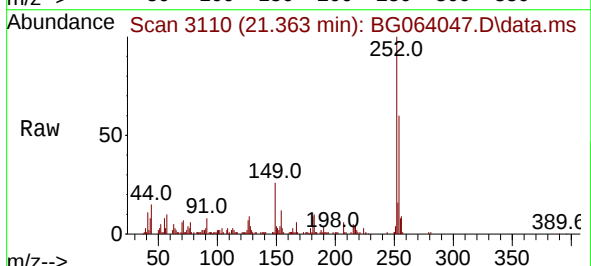
Tgt Ion:252 Resp: 48080

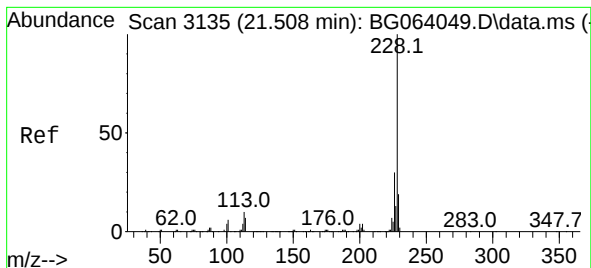
Ion Ratio Lower Upper

252 100

254 60.1 52.1 78.1

126 7.0 7.8 11.8#





#83

Chrysene

Concen: 9.649 ng

RT: 21.504 min Scan# 3135

Delta R.T. -0.004 min

Lab File: BG064047.D

Acq: 5 Mar 2025 10:22

Instrument :

BNA\_G

ClientSampleId :

SSTDICC010

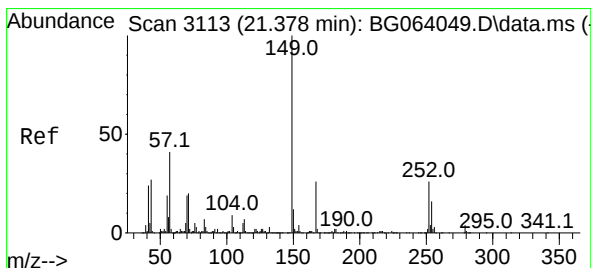
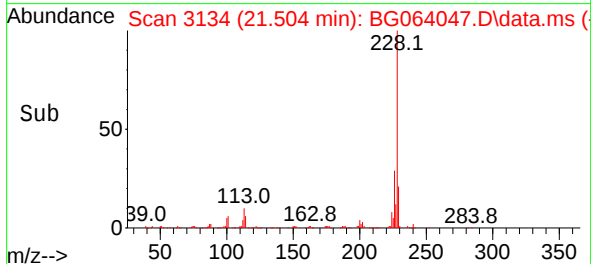
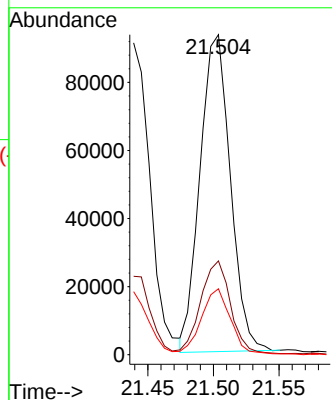
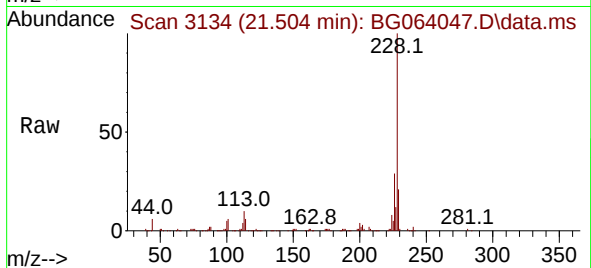
Tgt Ion:228 Resp: 149887

Ion Ratio Lower Upper

228 100

226 29.3 23.9 35.9

229 20.6 15.3 22.9



#84

Bis(2-ethylhexyl)phthalate

Concen: 8.403 ng

RT: 21.380 min Scan# 3113

Delta R.T. 0.002 min

Lab File: BG064047.D

Acq: 5 Mar 2025 10:22

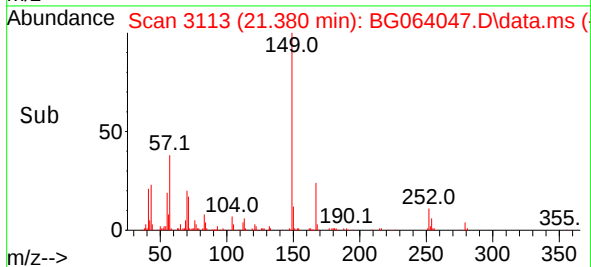
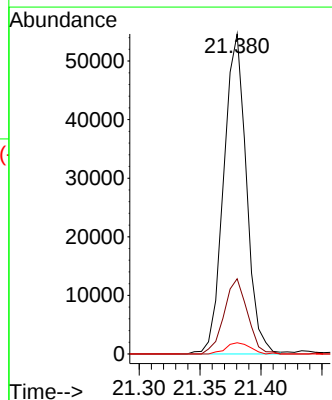
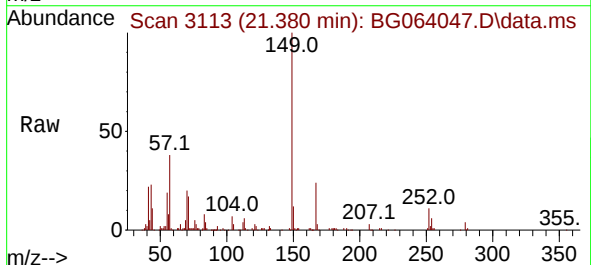
Tgt Ion:149 Resp: 70780

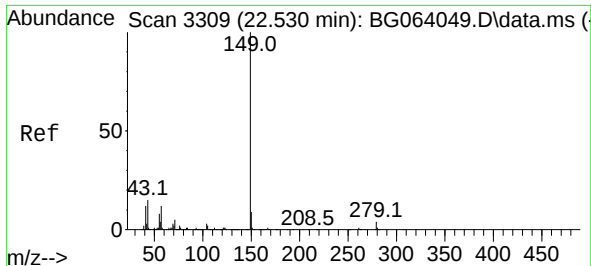
Ion Ratio Lower Upper

149 100

167 23.5 21.0 31.6

279 3.5 2.8 4.2

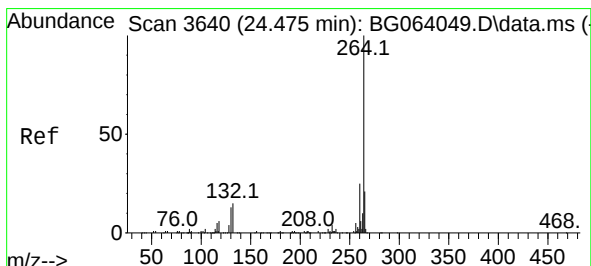
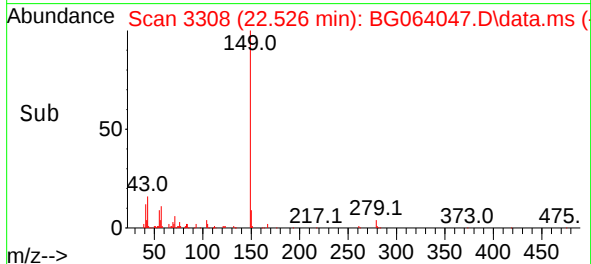
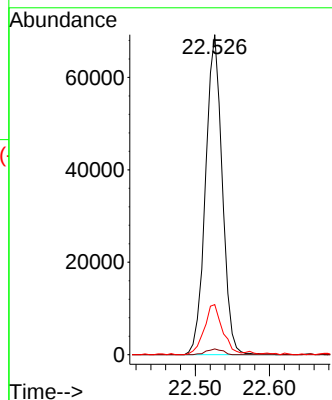
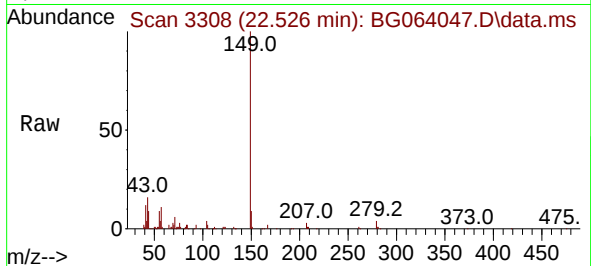




#85  
Di-n-octyl phthalate  
Concen: 7.461 ng  
RT: 22.526 min Scan# 31  
Delta R.T. -0.004 min  
Lab File: BG064047.D  
Acq: 5 Mar 2025 10:22

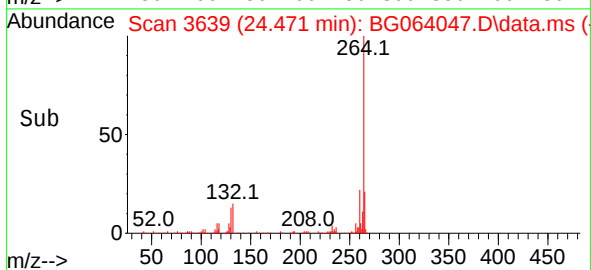
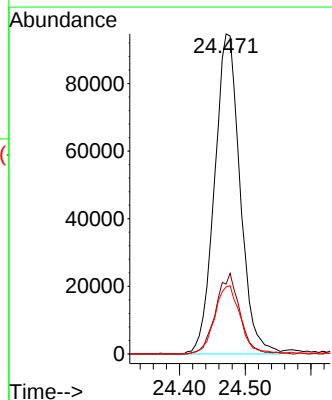
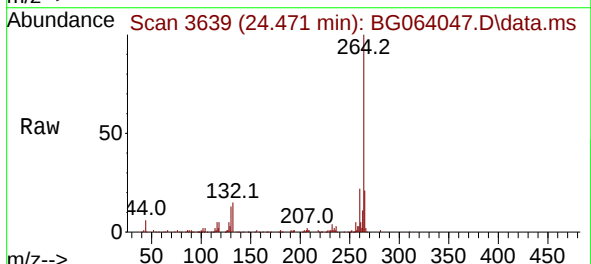
Instrument :  
BNA\_G  
ClientSampleId :  
SSTDICC010

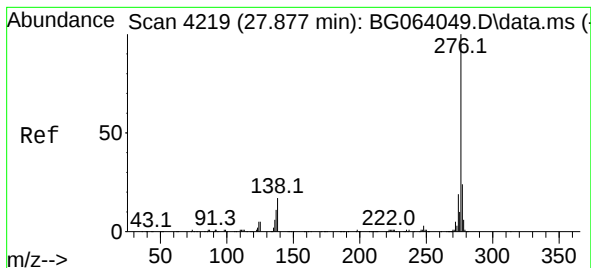
Tgt Ion:149 Resp: 108389  
Ion Ratio Lower Upper  
149 100  
167 1.8 1.2 1.8  
43 17.2 12.6 19.0



#86  
Perylene-d12  
Concen: 20.000 ng  
RT: 24.471 min Scan# 3639  
Delta R.T. -0.004 min  
Lab File: BG064047.D  
Acq: 5 Mar 2025 10:22

Tgt Ion:264 Resp: 255316  
Ion Ratio Lower Upper  
264 100  
260 21.8 19.6 29.4  
265 21.0 16.6 25.0





#87

Indeno(1,2,3-cd)pyrene

Concen: 9.203 ng

RT: 27.855 min Scan# 41

Delta R.T. -0.021 min

Lab File: BG064047.D

Acq: 5 Mar 2025 10:22

Instrument :

BNA\_G

ClientSampleId :

SSTDICC010

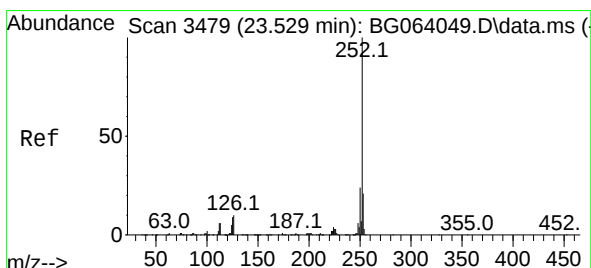
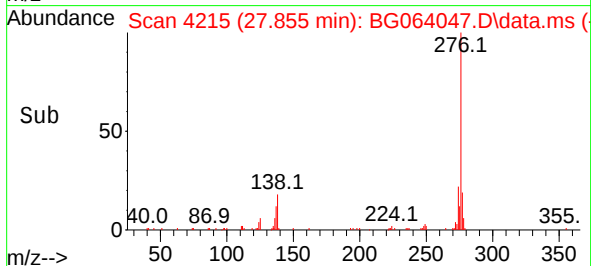
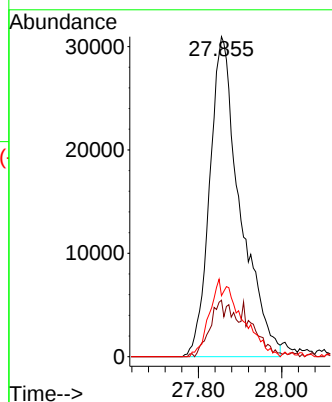
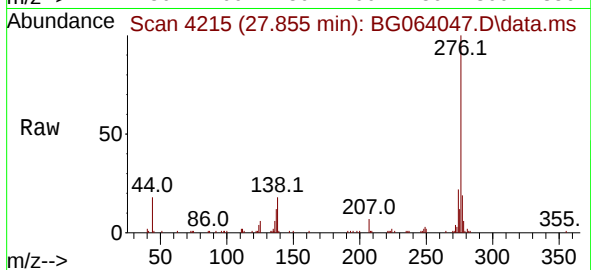
Tgt Ion:276 Resp: 157212

Ion Ratio Lower Upper

276 100

138 8.2 12.1 18.1#

277 10.0 20.0 30.0#



#88

Benzo(b)fluoranthene

Concen: 9.475 ng

RT: 23.519 min Scan# 3477

Delta R.T. -0.010 min

Lab File: BG064047.D

Acq: 5 Mar 2025 10:22

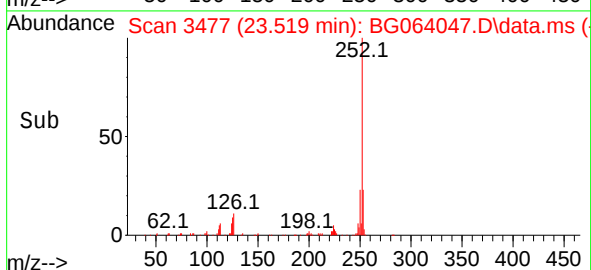
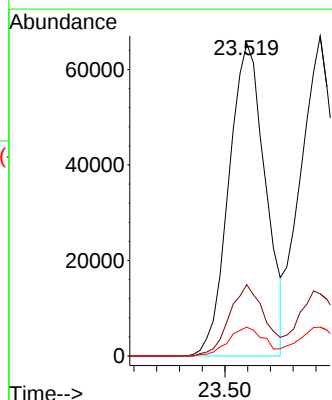
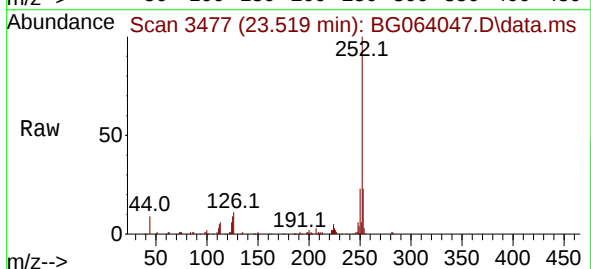
Tgt Ion:252 Resp: 146238

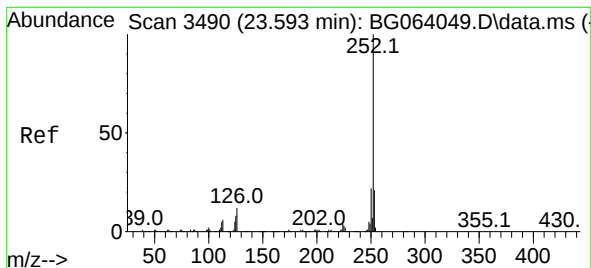
Ion Ratio Lower Upper

252 100

253 22.8 17.0 25.4

125 9.2 7.4 11.2





#89

Benzo(k)fluoranthene

Concen: 9.805 ng

RT: 23.584 min Scan# 3490

Delta R.T. -0.010 min

Lab File: BG064047.D

Acq: 5 Mar 2025 10:22

Instrument :

BNA\_G

ClientSampleId :

SSTDICC010

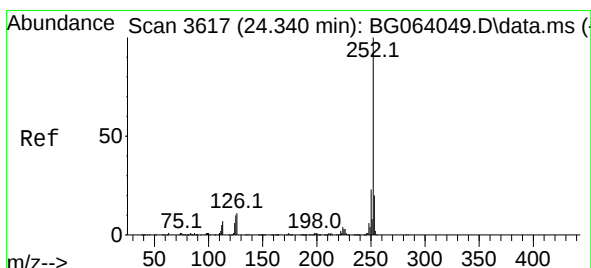
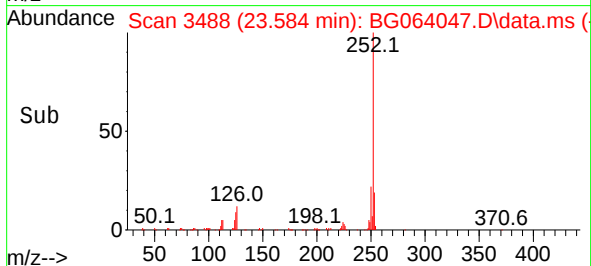
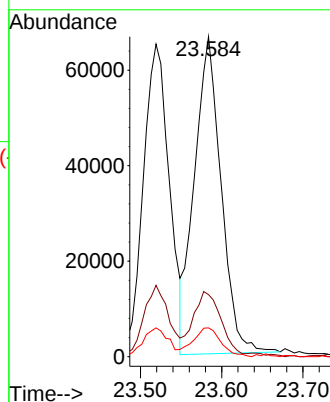
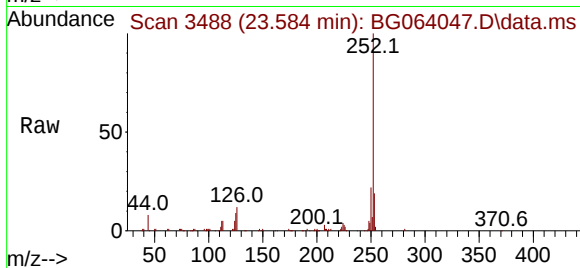
Tgt Ion:252 Resp: 151826

Ion Ratio Lower Upper

252 100

253 19.4 16.8 25.2

125 9.0 6.9 10.3



#90

Benzo(a)pyrene

Concen: 9.496 ng

RT: 24.330 min Scan# 3615

Delta R.T. -0.010 min

Lab File: BG064047.D

Acq: 5 Mar 2025 10:22

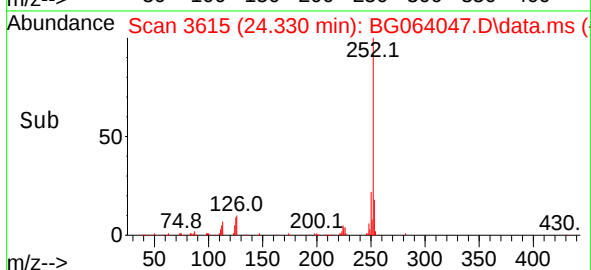
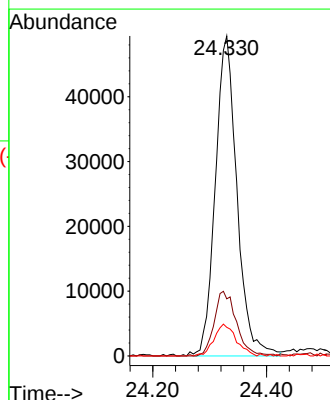
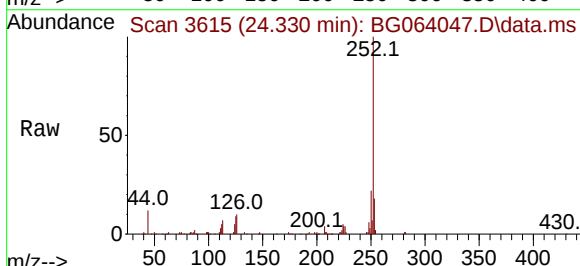
Tgt Ion:252 Resp: 130528

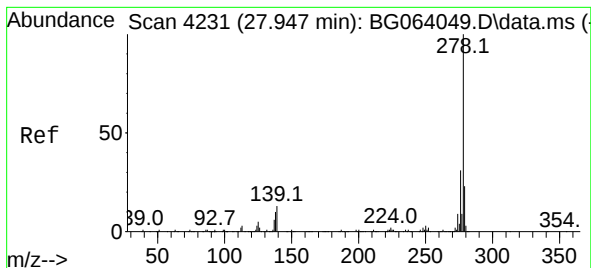
Ion Ratio Lower Upper

252 100

253 17.8 16.2 24.2

125 9.0 7.8 11.6





#91

Dibenzo(a,h)anthracene

Concen: 9.340 ng

RT: 27.914 min Scan# 41

Delta R.T. -0.033 min

Lab File: BG064047.D

Acq: 5 Mar 2025 10:22

Instrument :

BNA\_G

ClientSampleId :

SSTDICC010

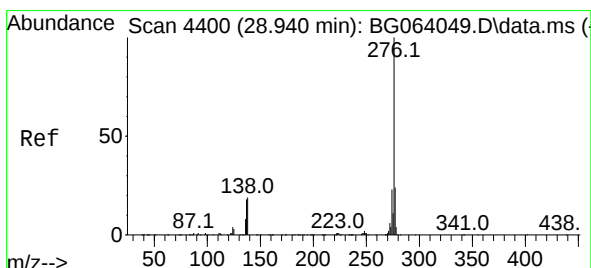
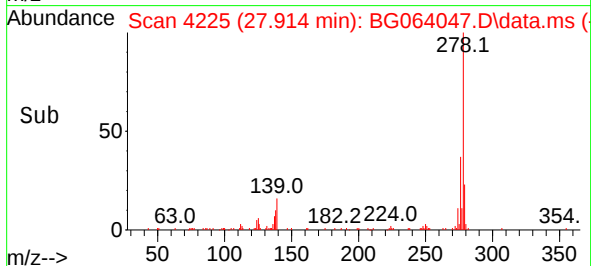
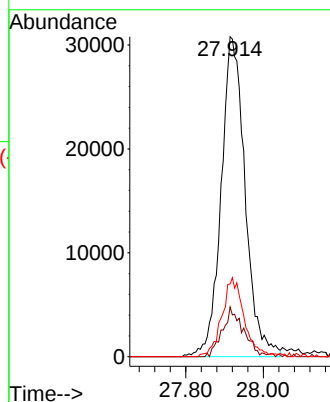
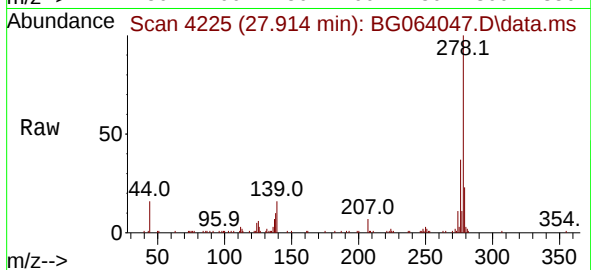
Tgt Ion:278 Resp: 132272

Ion Ratio Lower Upper

278 100

139 15.6 10.2 15.2#

279 22.7 18.1 27.1



#92

Benzo(g,h,i)perylene

Concen: 9.596 ng

RT: 28.907 min Scan# 4394

Delta R.T. -0.033 min

Lab File: BG064047.D

Acq: 5 Mar 2025 10:22

Tgt Ion:276 Resp: 139536

Ion Ratio Lower Upper

276 100

277 21.6 19.5 29.3

138 19.1 15.4 23.0

