

Data Path : Z:\svoasrv\HPCHEM1\BNA\_G\Data\BG030725\  
 Data File : BG064067.D  
 Acq On : 7 Mar 2025 20:22  
 Operator : RC/JU  
 Sample : Q1514-03MSD  
 Misc :  
 ALS Vial : 13 Sample Multiplier: 1

Instrument :  
 BNA\_G  
 ClientSampleId :  
 ENV-105-SB02MSD

Manual Integrations  
 APPROVED

Reviewed By :Anahy Claudio 03/10/2025  
 Supervised By :Jagrut Upadhyay 03/10/2025

Quant Time: Mar 07 22:57:45 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 15:39:19 2025  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc    | Units | Dev(Min) |
|-------------------------------|--------|------|----------|---------|-------|----------|
| -----                         |        |      |          |         |       |          |
| Internal Standards            |        |      |          |         |       |          |
| 1) 1,4-Dichlorobenzene-d4     | 7.864  | 152  | 34411    | 20.000  | ng    | # 0.00   |
| 21) Naphthalene-d8            | 10.649 | 136  | 153312   | 20.000  | ng    | 0.00     |
| 39) Acenaphthene-d10          | 14.492 | 164  | 112515   | 20.000  | ng    | 0.00     |
| 64) Phenanthrene-d10          | 17.230 | 188  | 255500   | 20.000  | ng    | 0.00     |
| 76) Chrysene-d12              | 21.466 | 240  | 257819   | 20.000  | ng    | 0.00     |
| 86) Perylene-d12              | 24.480 | 264  | 278096   | 20.000  | ng    | 0.00     |
|                               |        |      |          |         |       |          |
| System Monitoring Compounds   |        |      |          |         |       |          |
| 5) 2-Fluorophenol             | 5.449  | 112  | 201238   | 91.314  | ng    | 0.00     |
| 7) Phenol-d6                  | 7.030  | 99   | 272596   | 90.926  | ng    | 0.00     |
| 23) Nitrobenzene-d5           | 9.016  | 82   | 173515   | 62.544  | ng    | 0.00     |
| 42) 2,4,6-Tribromophenol      | 15.978 | 330  | 127687   | 102.094 | ng    | 0.00     |
| 45) 2-Fluorobiphenyl          | 13.111 | 172  | 418318   | 56.433  | ng    | 0.00     |
| 79) Terphenyl-d14             | 19.850 | 244  | 712984   | 55.917  | ng    | 0.00     |
|                               |        |      |          |         |       |          |
| Target Compounds              |        |      |          |         |       | Qvalue   |
| 2) 1,4-Dioxane                | 3.364  | 88   | 40262    | 40.312  | ng    | 94       |
| 3) Pyridine                   | 3.751  | 79   | 95917    | 39.488  | ng    | 97       |
| 4) n-Nitrosodimethylamine     | 3.669  | 42   | 78998    | 45.520  | ng    | 93       |
| 6) Aniline                    | 7.189  | 93   | 72408    | 24.613  | ng    | 98       |
| 8) 2-Chlorophenol             | 7.430  | 128  | 102971   | 43.505  | ng    | 99       |
| 9) Benzaldehyde               | 7.001  | 77   | 35156    | 20.163  | ng    | 98       |
| 10) Phenol                    | 7.053  | 94   | 138389   | 45.085  | ng    | 96       |
| 11) bis(2-Chloroethyl)ether   | 7.289  | 93   | 92519    | 38.446  | ng    | 99       |
| 12) 1,3-Dichlorobenzene       | 7.753  | 146  | 98477    | 37.888  | ng    | 96       |
| 13) 1,4-Dichlorobenzene       | 7.900  | 146  | 101185   | 37.981  | ng    | 93       |
| 14) 1,2-Dichlorobenzene       | 8.217  | 146  | 100188   | 39.000  | ng    | 96       |
| 15) Benzyl Alcohol            | 8.099  | 79   | 103403   | 44.633  | ng    | 91       |
| 16) 2,2'-oxybis(1-Chloropr... | 8.387  | 45   | 219491   | 40.564  | ng    | 98       |
| 17) 2-Methylphenol            | 8.305  | 107  | 93302    | 45.799  | ng    | 97       |
| 18) Hexachloroethane          | 8.945  | 117  | 40053    | 42.970  | ng    | 95       |
| 19) n-Nitroso-di-n-propyla... | 8.663  | 70   | 87269    | 41.477  | ng    | 99       |
| 20) 3+4-Methylphenols         | 8.628  | 107  | 128180   | 45.704  | ng    | 93       |
| 22) Acetophenone              | 8.681  | 105  | 183133   | 43.567  | ng    | # 98     |
| 24) Nitrobenzene              | 9.057  | 77   | 125094   | 43.631  | ng    | 99       |
| 25) Isophorone                | 9.580  | 82   | 241168   | 43.431  | ng    | 97       |
| 26) 2-Nitrophenol             | 9.768  | 139  | 47450    | 47.899  | ng    | 94       |
| 27) 2,4-Dimethylphenol        | 9.827  | 122  | 95972    | 57.653  | ng    | 92       |
| 28) bis(2-Chloroethoxy)met... | 10.068 | 93   | 139576   | 41.460  | ng    | # 97     |
| 29) 2,4-Dichlorophenol        | 10.297 | 162  | 100242   | 47.689  | ng    | 95       |
| 30) 1,2,4-Trichlorobenzene    | 10.514 | 180  | 104985   | 41.374  | ng    | 96       |
| 31) Naphthalene               | 10.702 | 128  | 334948   | 40.516  | ng    | 99       |
| 32) Benzoic acid              | 9.974  | 122  | 74121m   | 48.400  | ng    |          |
| 33) 4-Chloroaniline           | 10.802 | 127  | 35030    | 11.593  | ng    | 96       |
| 34) Hexachlorobutadiene       | 10.996 | 225  | 68725    | 41.321  | ng    | 98       |
| 35) Caprolactam               | 11.572 | 113  | 40909m   | 50.786  | ng    |          |
| 36) 4-Chloro-3-methylphenol   | 11.930 | 107  | 129850   | 47.127  | ng    | 96       |
| 37) 2-Methylnaphthalene       | 12.312 | 142  | 239353   | 41.012  | ng    | 99       |
| 38) 1-Methylnaphthalene       | 12.529 | 142  | 235268   | 41.147  | ng    | 100      |
| 40) 1,2,4,5-Tetrachloroben... | 12.682 | 216  | 140504   | 43.740  | ng    | 98       |
| 41) Hexachlorocyclopentadiene | 12.665 | 237  | 145176   | 160.578 | ng    | 99       |
| 43) 2,4,6-Trichlorophenol     | 12.917 | 196  | 90199    | 47.644  | ng    | 89       |

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Quant Time: Mar 07 22:57:45 2025  
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 QLast Update : Wed Mar 05 15:39:19 2025  
 Response via : Initial Calibration

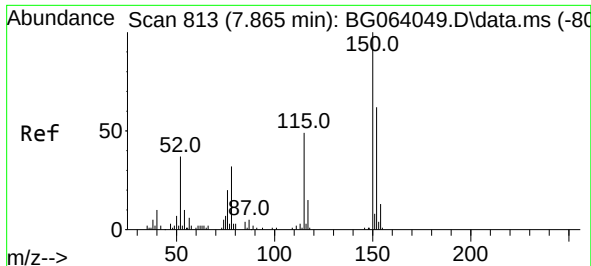
Manual Integrations  
 APPROVED

Reviewed By :Anahy Claudio 03/10/2025  
 Supervised By :Jagrut Upadhyay 03/10/2025

| Compound                      | R.T.   | QIon | Response | Conc    | Units | Dev(Min) |
|-------------------------------|--------|------|----------|---------|-------|----------|
| 44) 2,4,5-Trichlorophenol     | 12.988 | 196  | 99847    | 47.465  | ng    | 97       |
| 46) 1,1'-Biphenyl             | 13.323 | 154  | 379286   | 44.619  | ng    | 99       |
| 47) 2-Chloronaphthalene       | 13.364 | 162  | 252080   | 40.660  | ng    | 98       |
| 48) 2-Nitroaniline            | 13.564 | 65   | 93209    | 45.748  | ng    | 97       |
| 49) Acenaphthylene            | 14.210 | 152  | 431162   | 43.968  | ng    | 99       |
| 50) Dimethylphthalate         | 13.951 | 163  | 342782   | 41.271  | ng    | 98       |
| 51) 2,6-Dinitrotoluene        | 14.057 | 165  | 69573    | 41.759  | ng    | 92       |
| 52) Acenaphthene              | 14.556 | 154  | 274782   | 41.753  | ng    | 98       |
| 53) 3-Nitroaniline            | 14.386 | 138  | 33087    | 20.612  | ng    | 93       |
| 54) 2,4-Dinitrophenol         | 14.592 | 184  | 70749    | 98.667  | ng    | 85       |
| 55) Dibenzofuran              | 14.891 | 168  | 425986   | 39.956  | ng    | 97       |
| 56) 4-Nitrophenol             | 14.697 | 139  | 137375   | 102.041 | ng    | 90       |
| 57) 2,4-Dinitrotoluene        | 14.850 | 165  | 106088   | 45.810  | ng    | 99       |
| 58) Fluorene                  | 15.538 | 166  | 348722   | 41.996  | ng    | 98       |
| 59) 2,3,4,6-Tetrachlorophenol | 15.109 | 232  | 96761    | 47.183  | ng    | 97       |
| 60) Diethylphthalate          | 15.314 | 149  | 370839   | 41.129  | ng    | 99       |
| 61) 4-Chlorophenyl-phenyle... | 15.532 | 204  | 168172   | 40.755  | ng    | 92       |
| 62) 4-Nitroaniline            | 15.549 | 138  | 75161    | 43.369  | ng    | 96       |
| 63) Azobenzene                | 15.826 | 77   | 422978   | 43.962  | ng    | 98       |
| 65) 4,6-Dinitro-2-methylph... | 15.608 | 198  | 50514    | 46.146  | ng    | 95       |
| 66) n-Nitrosodiphenylamine    | 15.743 | 169  | 308325   | 42.632  | ng    | 99       |
| 67) 4-Bromophenyl-phenylether | 16.425 | 248  | 113153   | 43.241  | ng    | 94       |
| 68) Hexachlorobenzene         | 16.537 | 284  | 123360   | 42.108  | ng    | 97       |
| 69) Atrazine                  | 16.695 | 200  | 135483   | 63.668  | ng    | 93       |
| 70) Pentachlorophenol         | 16.877 | 266  | 167008   | 91.815  | ng    | 96       |
| 71) Phenanthrene              | 17.271 | 178  | 590686   | 43.344  | ng    | 98       |
| 72) Anthracene                | 17.365 | 178  | 591592   | 43.657  | ng    | 98       |
| 73) Carbazole                 | 17.629 | 167  | 533785   | 42.190  | ng    | 99       |
| 74) Di-n-butylphthalate       | 18.205 | 149  | 653880   | 43.906  | ng    | 99       |
| 75) Fluoranthene              | 19.280 | 202  | 687578   | 41.851  | ng    | 99       |
| 77) Benzidine                 | 19.462 | 184  | 240885   | 67.474  | ng    | 98       |
| 78) Pyrene                    | 19.645 | 202  | 716988   | 43.141  | ng    | 99       |
| 80) Butylbenzylphthalate      | 20.544 | 149  | 288496   | 46.392  | ng    | 99       |
| 81) Benzo(a)anthracene        | 21.442 | 228  | 710986   | 43.051  | ng    | 99       |
| 82) 3,3'-Dichlorobenzidine    | 21.366 | 252  | 108561   | 20.311  | ng    | 99       |
| 83) Chrysene                  | 21.507 | 228  | 680629   | 41.321  | ng    | 99       |
| 84) Bis(2-ethylhexyl)phtha... | 21.384 | 149  | 436698   | 48.893  | ng    | 100      |
| 85) Di-n-octyl phthalate      | 22.529 | 149  | 744329   | 48.315  | ng    | 100      |
| 87) Indeno(1,2,3-cd)pyrene    | 27.888 | 276  | 828228   | 44.512  | ng    | # 93     |
| 88) Benzo(b)fluoranthene      | 23.534 | 252  | 694923   | 41.335  | ng    | 98       |
| 89) Benzo(k)fluoranthene      | 23.593 | 252  | 696746   | 41.311  | ng    | 99       |
| 90) Benzo(a)pyrene            | 24.339 | 252  | 661351   | 44.171  | ng    | 97       |
| 91) Dibenzo(a,h)anthracene    | 27.947 | 278  | 673345   | 43.651  | ng    | 98       |
| 92) Benzo(g,h,i)perylene      | 28.945 | 276  | 639032   | 40.349  | ng    | 98       |

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





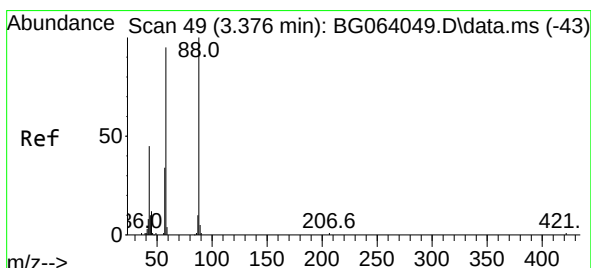
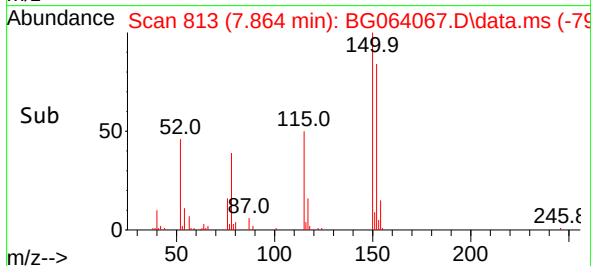
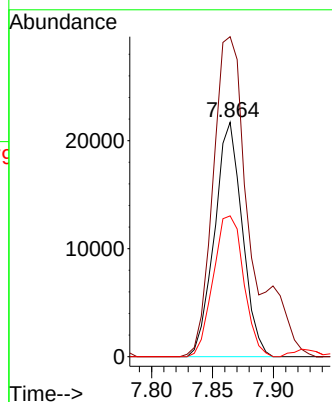
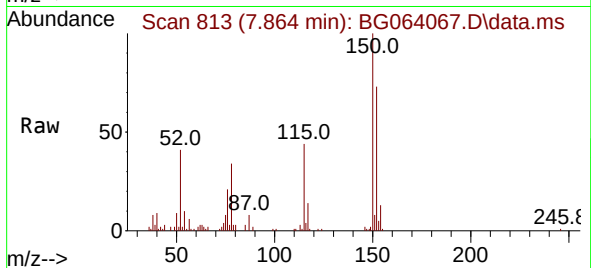
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1,4-Dichlorobenzene-d4  
Concen: 20.000 ng  
RT: 7.864 min Scan# 813  
Delta R.T. -0.001 min  
Lab File: BG064067.D  
Acq: 7 Mar 2025 20:22

Instrument :  
BNA\_G  
ClientSampleId :  
ENV-105-SB02MSD

Tgt Ion:152 Resp: 3441  
Ion Ratio Lower Upper  
152 100  
150 136.5 129.2 193.8  
115 60.1 63.0 94.6

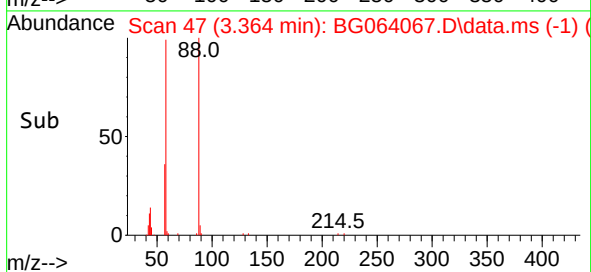
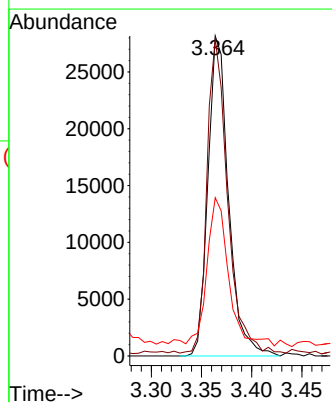
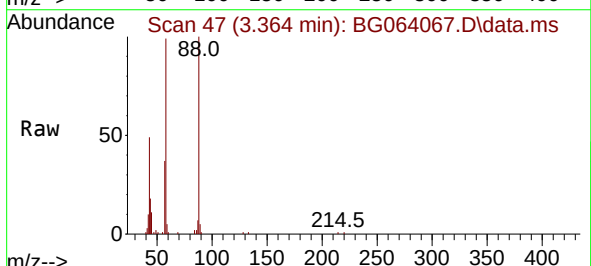
Manual Integrations  
APPROVED

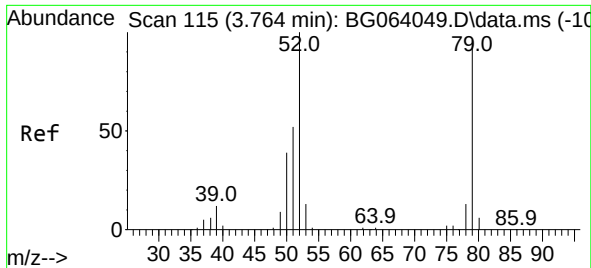
Reviewed By :Anahy Claudio 03/10/2025  
Supervised By :Jagrut Upadhyay 03/10/2025



#2  
1,4-Dioxane  
Concen: 40.312 ng  
RT: 3.364 min Scan# 47  
Delta R.T. -0.012 min  
Lab File: BG064067.D  
Acq: 7 Mar 2025 20:22

Tgt Ion: 88 Resp: 40262  
Ion Ratio Lower Upper  
88 100  
58 97.6 74.6 111.8  
43 51.0 35.5 53.3





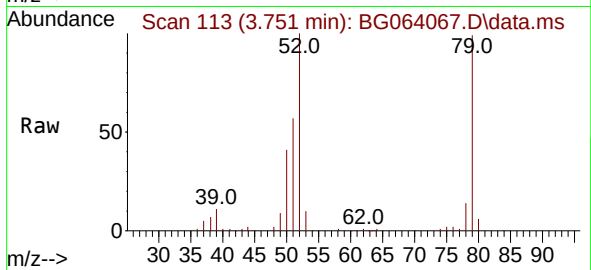
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Pyridine  
Concen: 39.488 ng  
RT: 3.751 min Scan# 115  
Delta R.T. -0.012 min  
Lab File: BG064067.D  
Acq: 7 Mar 2025 20:22

Instrument :

BNA\_G

ClientSampleId :

ENV-105-SB02MSD

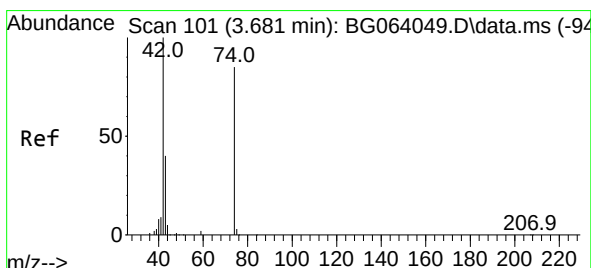
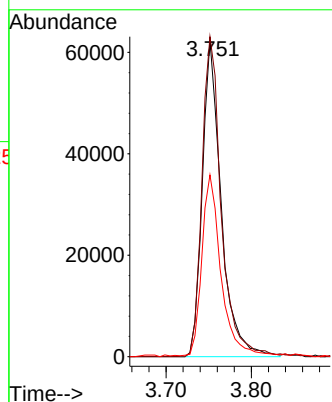
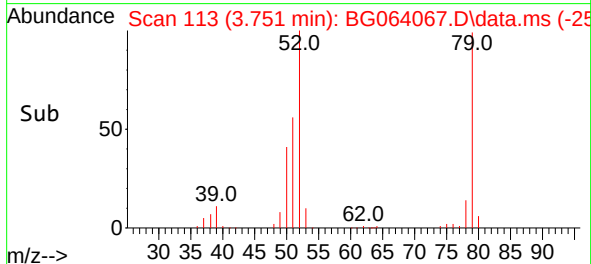


Tgt Ion: 79 Resp: 95917  
Ion Ratio Lower Upper  
79 100  
52 100.9 83.0 124.6  
51 57.3 44.3 66.5

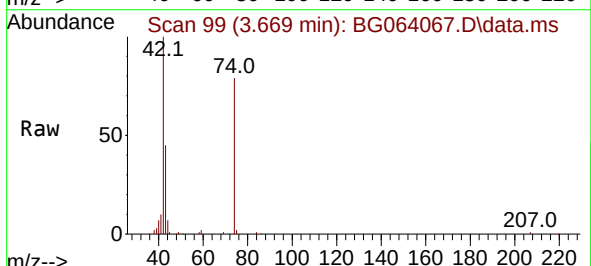
Manual Integrations

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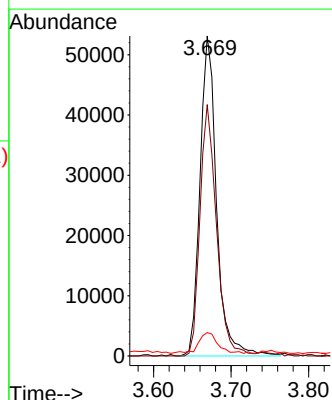
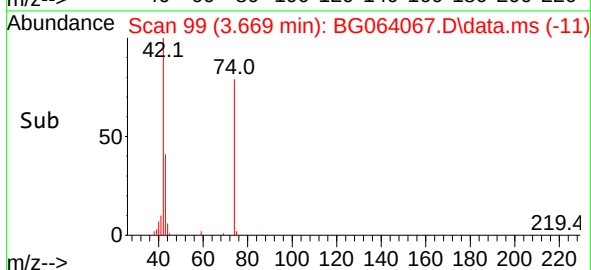
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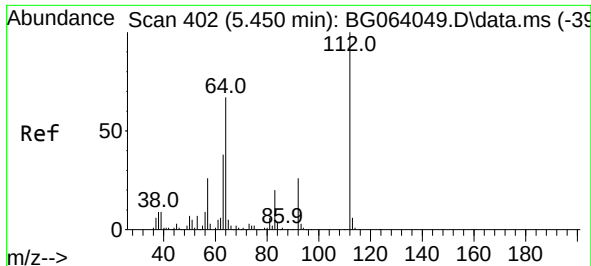


#4  
n-Nitrosodimethylamine  
Concen: 45.520 ng  
RT: 3.669 min Scan# 99  
Delta R.T. -0.012 min  
Lab File: BG064067.D  
Acq: 7 Mar 2025 20:22



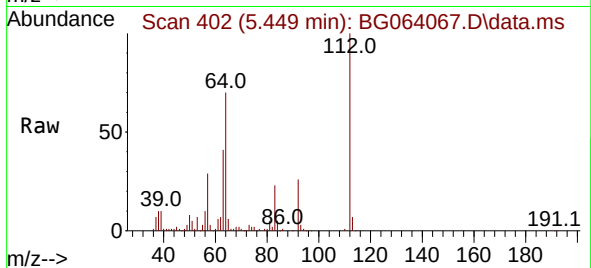
Tgt Ion: 42 Resp: 78998  
Ion Ratio Lower Upper  
42 100  
74 78.6 68.0 102.0  
44 7.3 4.9 7.3





#5  
2-Fluorophenol  
Concen: 91.314 ng  
RT: 5.449 min Scan# 402  
Delta R.T. -0.000 min  
Lab File: BG064067.D  
Acq: 7 Mar 2025 20:22

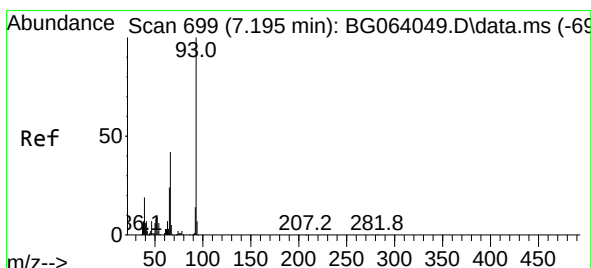
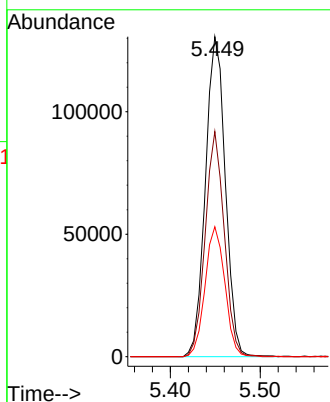
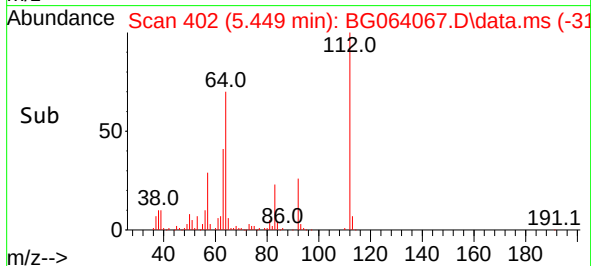
Instrument :  
BNA\_G  
ClientSampleId :  
ENV-105-SB02MSD



Tgt Ion:112 Resp: 201238  
Ion Ratio Lower Upper  
112 100  
64 70.3 53.7 80.5  
63 40.6 30.2 45.4

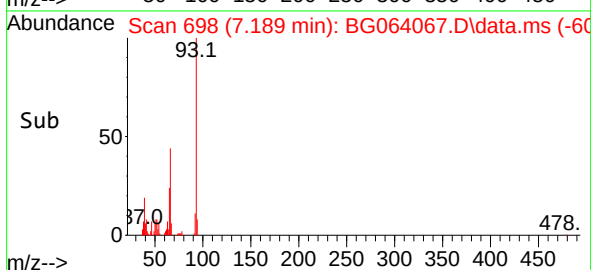
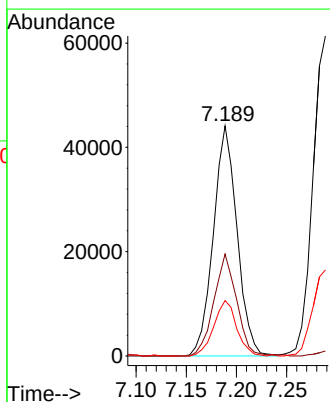
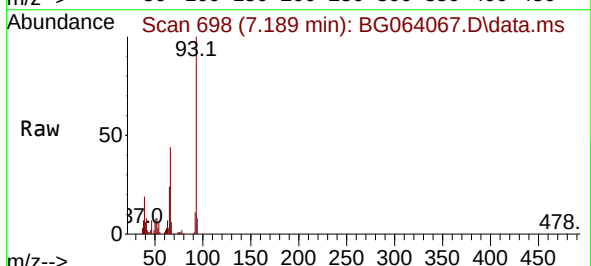
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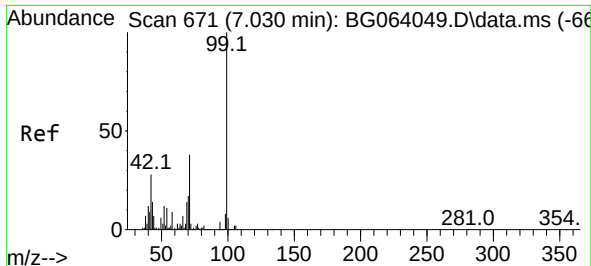
Reviewed By :Anahy Claudio 03/10/2025  
Supervised By :Jagrut Upadhyay 03/10/2025



#6  
Aniline  
Concen: 24.613 ng  
RT: 7.189 min Scan# 698  
Delta R.T. -0.006 min  
Lab File: BG064067.D  
Acq: 7 Mar 2025 20:22

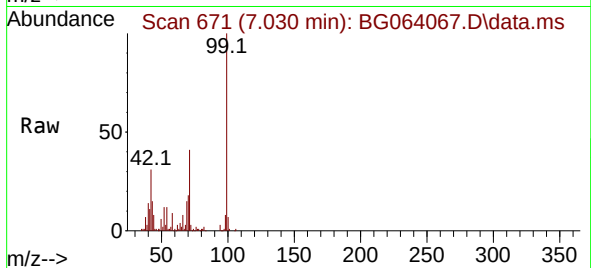
Tgt Ion: 93 Resp: 72408  
Ion Ratio Lower Upper  
93 100  
66 44.3 33.7 50.5  
65 24.1 19.1 28.7





#7  
Phenol-d6  
Concen: 90.926 ng  
RT: 7.030 min Scan# 671  
Delta R.T. -0.000 min  
Lab File: BG064067.D  
Acq: 7 Mar 2025 20:22

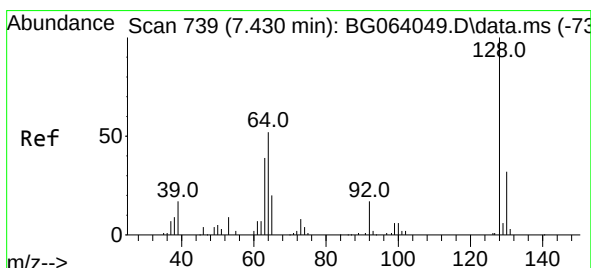
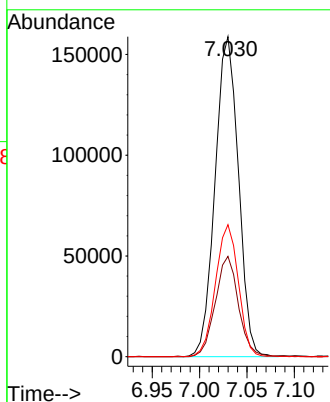
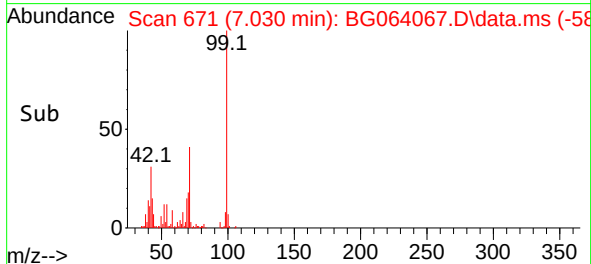
Instrument :  
BNA\_G  
ClientSampleId :  
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Tgt Ion: 99 Resp: 272590  
Ion Ratio Lower Upper  
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71 41.3 30.6 46.0

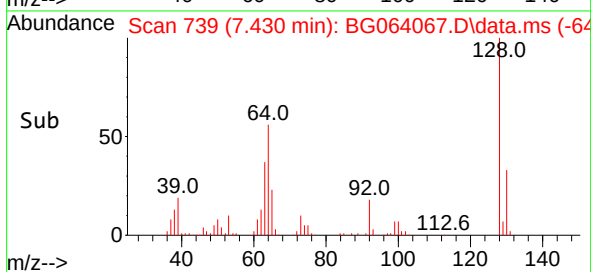
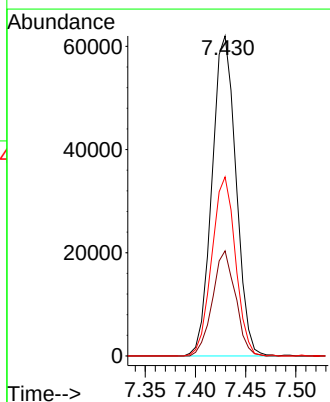
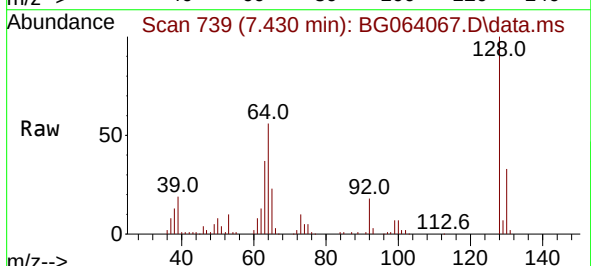
Manual Integrations  
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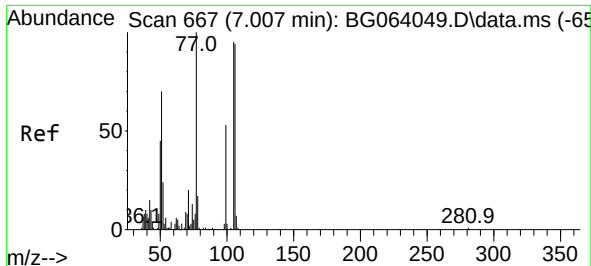
Reviewed By :Anahy Claudio 03/10/2025  
Supervised By :Jagrut Upadhyay 03/10/2025



#8  
2-Chlorophenol  
Concen: 43.505 ng  
RT: 7.430 min Scan# 739  
Delta R.T. -0.000 min  
Lab File: BG064067.D  
Acq: 7 Mar 2025 20:22

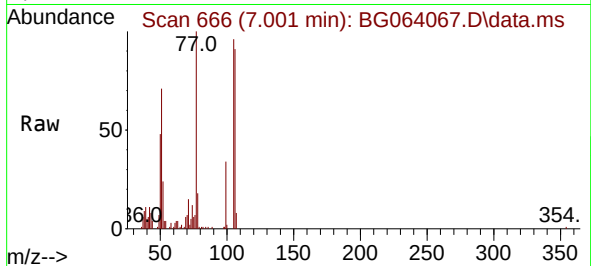
Tgt Ion:128 Resp: 102971  
Ion Ratio Lower Upper  
128 100  
130 32.9 12.3 52.3  
64 56.0 37.0 77.0





#9  
Benzaldehyde  
Concen: 20.163 ng  
RT: 7.001 min Scan# 666  
Delta R.T. -0.006 min  
Lab File: BG064067.D  
Acq: 7 Mar 2025 20:22

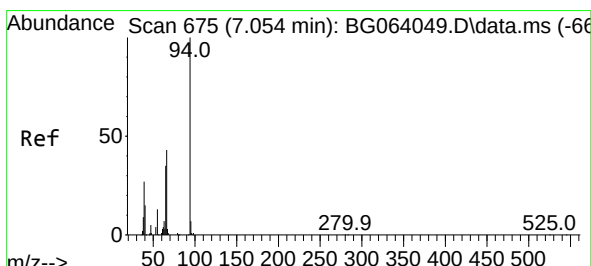
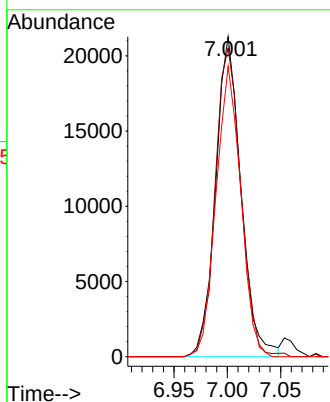
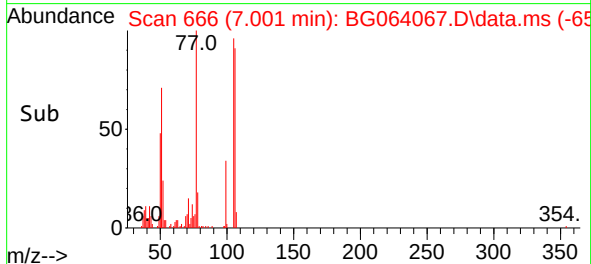
Instrument :  
BNA\_G  
ClientSampleId :  
ENV-105-SB02MSD



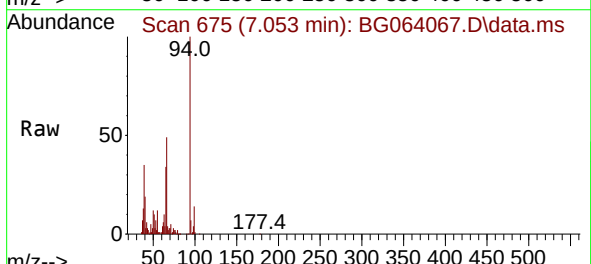
Tgt Ion: 77 Resp: 35150  
Ion Ratio Lower Upper  
77 100  
105 96.4 75.5 115.5  
106 90.7 74.2 114.2

Manual Integrations  
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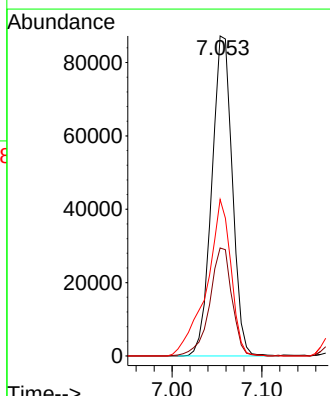
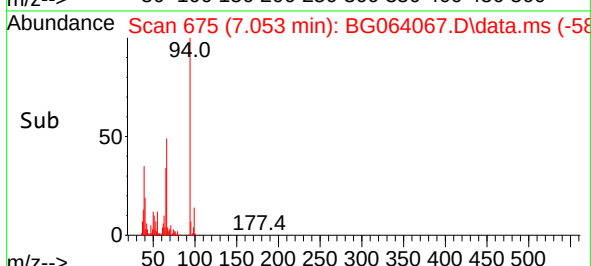
Reviewed By :Anahy Claudio 03/10/2025  
Supervised By :Jagrut Upadhyay 03/10/2025



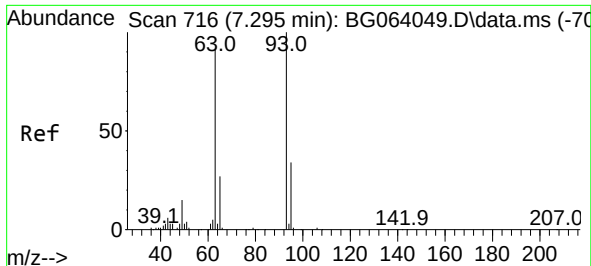
#10  
Phenol  
Concen: 45.085 ng  
RT: 7.053 min Scan# 675  
Delta R.T. -0.000 min  
Lab File: BG064067.D  
Acq: 7 Mar 2025 20:22



Tgt Ion: 94 Resp: 138389  
Ion Ratio Lower Upper  
94 100  
65 33.7 15.2 55.2  
66 48.9 25.1 65.1

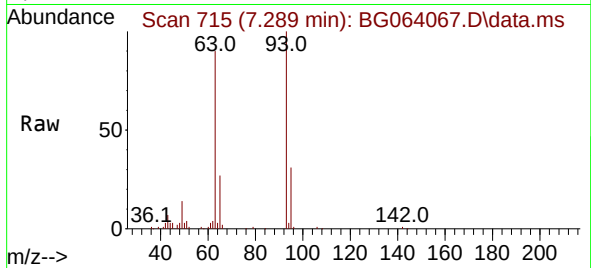






#11  
bis(2-Chloroethyl)ether  
Concen: 38.446 ng  
RT: 7.289 min Scan# 715  
Delta R.T. -0.006 min  
Lab File: BG064067.D  
Acq: 7 Mar 2025 20:22

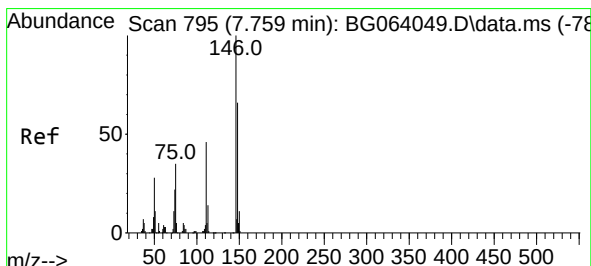
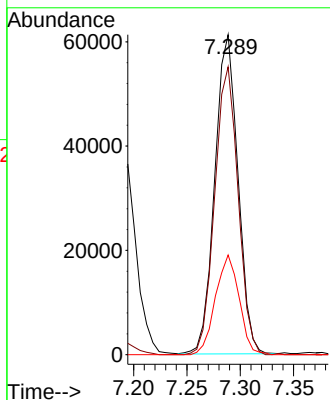
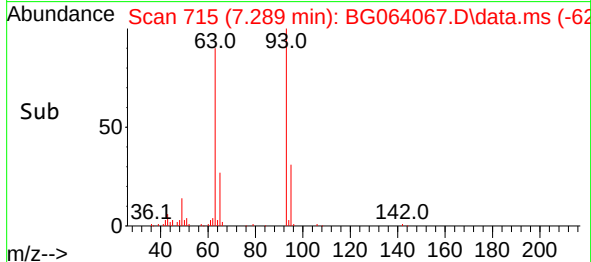
Instrument :  
BNA\_G  
ClientSampleId :  
ENV-105-SB02MSD



Tgt Ion: 93 Resp: 92519  
Ion Ratio Lower Upper  
93 100  
63 90.0 70.0 110.0  
95 31.1 13.7 53.7

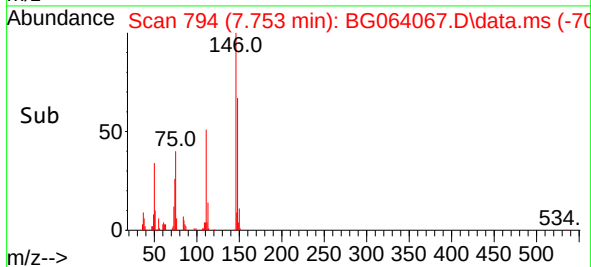
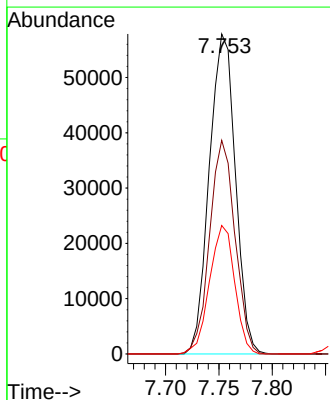
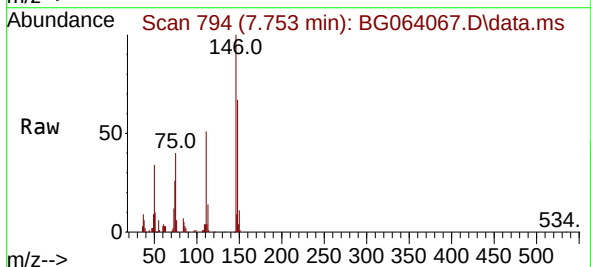
Manual Integrations  
APPROVED

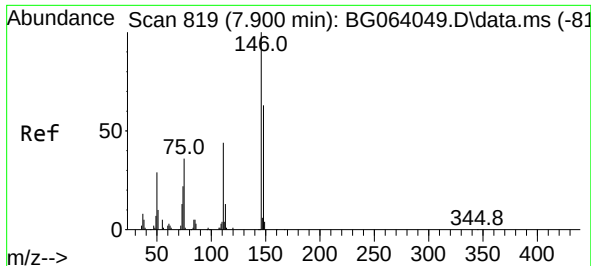
Reviewed By :Anahy Claudio 03/10/2025  
Supervised By :Jagrut Upadhyay 03/10/2025



#12  
1,3-Dichlorobenzene  
Concen: 37.888 ng  
RT: 7.753 min Scan# 794  
Delta R.T. -0.006 min  
Lab File: BG064067.D  
Acq: 7 Mar 2025 20:22

Tgt Ion:146 Resp: 98477  
Ion Ratio Lower Upper  
146 100  
148 66.8 52.6 78.8  
75 40.1 28.1 42.1





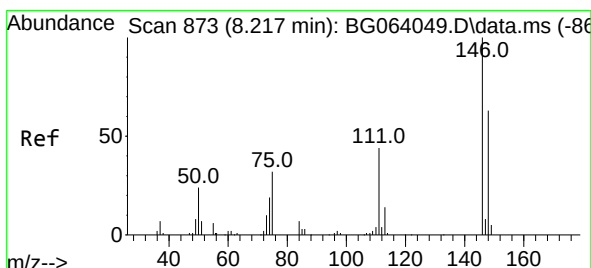
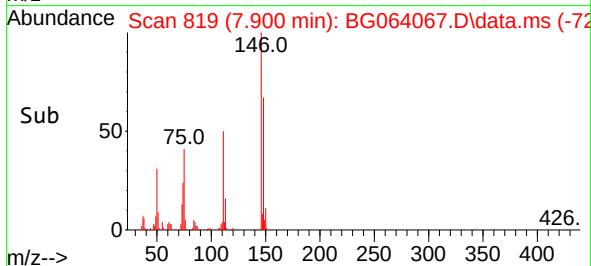
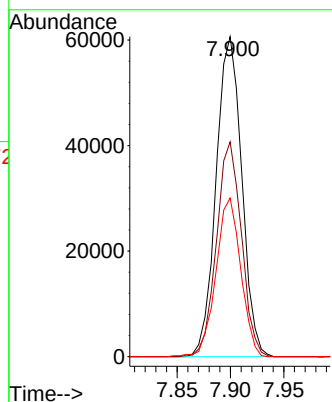
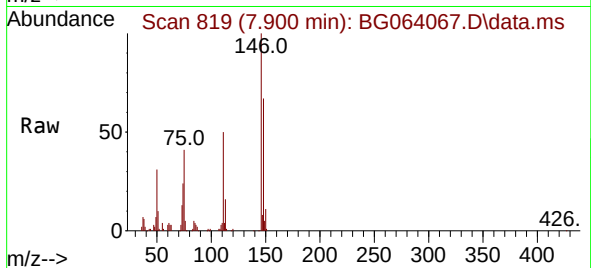
#13  
1,4-Dichlorobenzene  
Concen: 37.981 ng  
RT: 7.900 min Scan# 819  
Delta R.T. -0.000 min  
Lab File: BG064067.D  
Acq: 7 Mar 2025 20:22

Instrument :  
BNA\_G  
ClientSampleId :  
ENV-105-SB02MSD

Tgt Ion:146 Resp: 101188  
Ion Ratio Lower Upper  
146 100  
148 67.2 50.6 75.8  
111 49.6 35.1 52.7

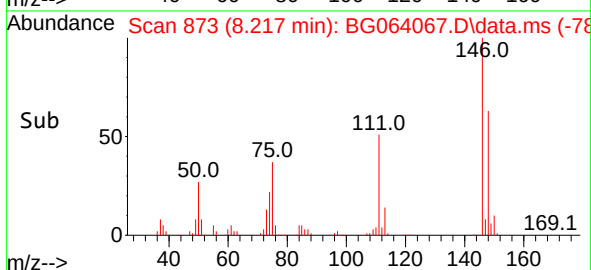
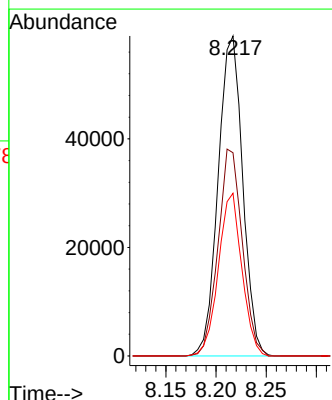
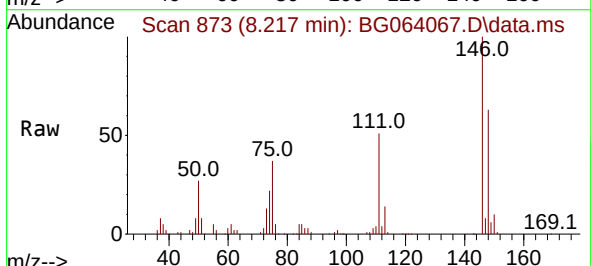
Manual Integrations  
APPROVED

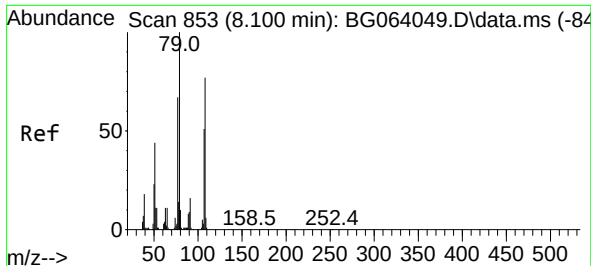
Reviewed By :Anahy Claudio 03/10/2025  
Supervised By :Jagrut Upadhyay 03/10/2025



#14  
1,2-Dichlorobenzene  
Concen: 39.000 ng  
RT: 8.217 min Scan# 873  
Delta R.T. -0.000 min  
Lab File: BG064067.D  
Acq: 7 Mar 2025 20:22

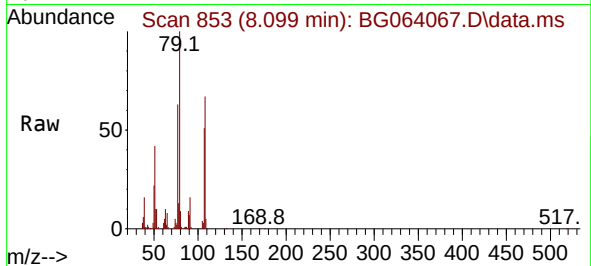
Tgt Ion:146 Resp: 100188  
Ion Ratio Lower Upper  
146 100  
148 63.5 50.2 75.2  
111 50.9 36.4 54.6





#15  
Benzyl Alcohol  
Concen: 44.633 ng  
RT: 8.099 min Scan# 81  
Delta R.T. -0.000 min  
Lab File: BG064067.D  
Acq: 7 Mar 2025 20:22

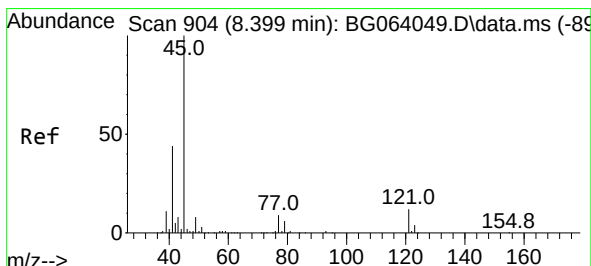
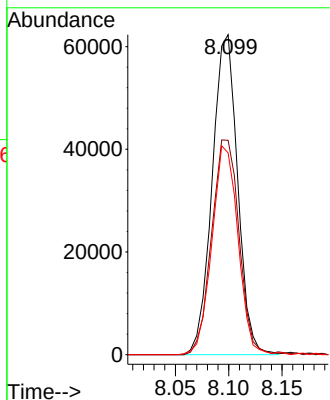
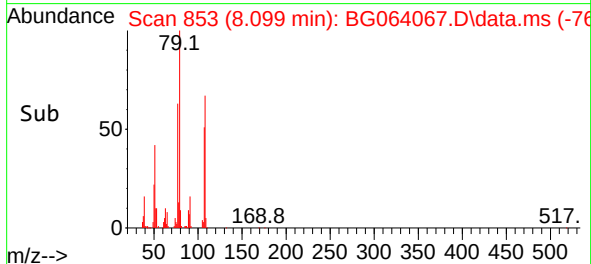
Instrument :  
BNA\_G  
ClientSampleId :  
ENV-105-SB02MSD



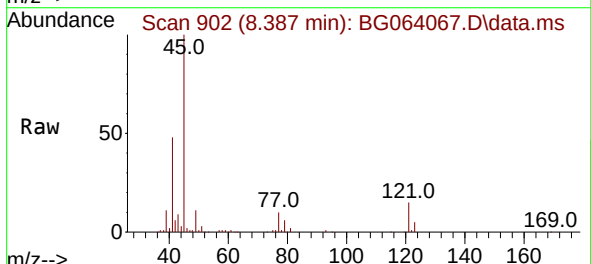
Tgt Ion: 79 Resp: 10340  
Ion Ratio Lower Upper  
79 100  
108 67.0 61.7 92.5  
77 63.1 53.9 80.9

Manual Integrations  
APPROVED

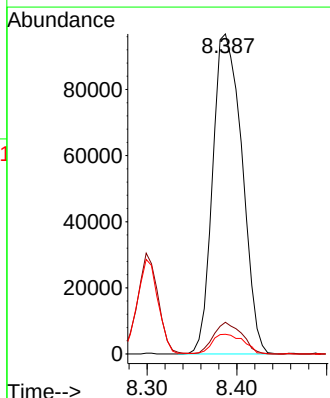
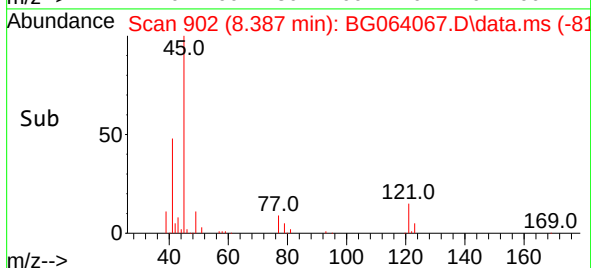
Reviewed By :Anahy Claudio 03/10/2025  
Supervised By :Jagrut Upadhyay 03/10/2025

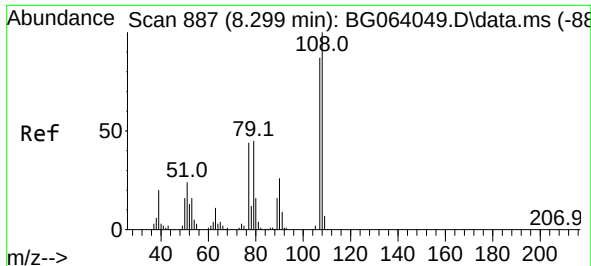


#16  
2,2'-oxybis(1-Chloropropane)  
Concen: 40.564 ng  
RT: 8.387 min Scan# 902  
Delta R.T. -0.012 min  
Lab File: BG064067.D  
Acq: 7 Mar 2025 20:22



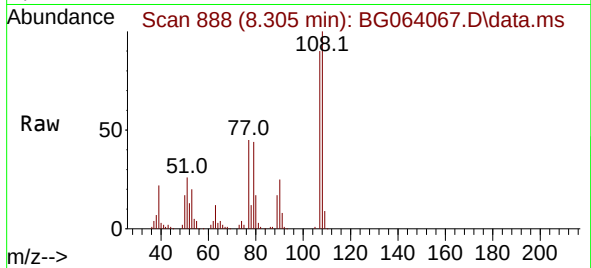
Tgt Ion: 45 Resp: 219491  
Ion Ratio Lower Upper  
45 100  
77 9.9 0.0 29.0  
79 6.1 0.0 26.6





#17  
2-Methylphenol  
Concen: 45.799 ng  
RT: 8.305 min Scan# 887  
Delta R.T. 0.005 min  
Lab File: BG064067.D  
Acq: 7 Mar 2025 20:22

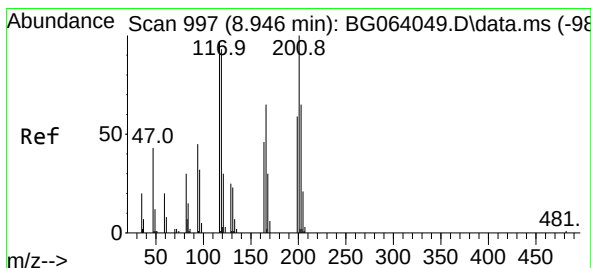
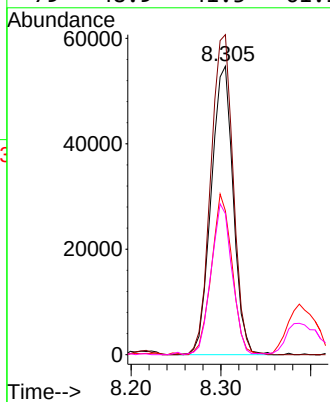
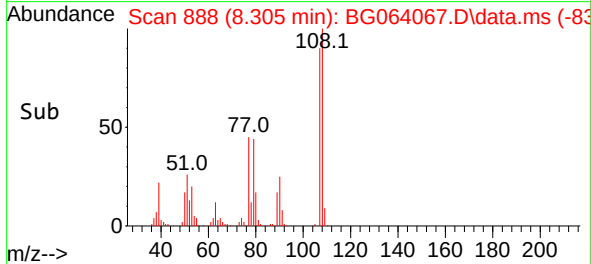
Instrument :  
BNA\_G  
ClientSampleId :  
ENV-105-SB02MSD



|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 107   | Resp: | 9330  |
| Ion Ratio | Lower | Upper |       |
| 107       | 100   |       |       |
| 108       | 110.9 | 92.5  | 138.7 |
| 77        | 49.9  | 40.5  | 60.7  |
| 79        | 48.9  | 41.3  | 61.9  |

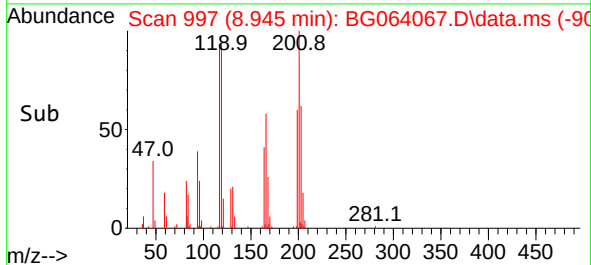
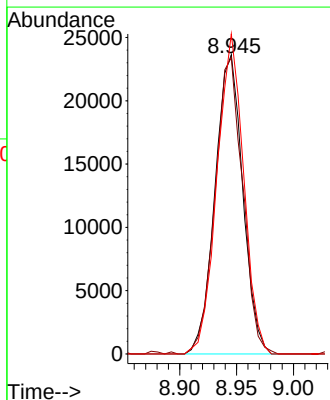
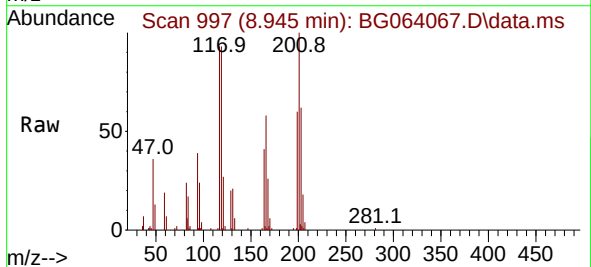
Manual Integrations  
APPROVED

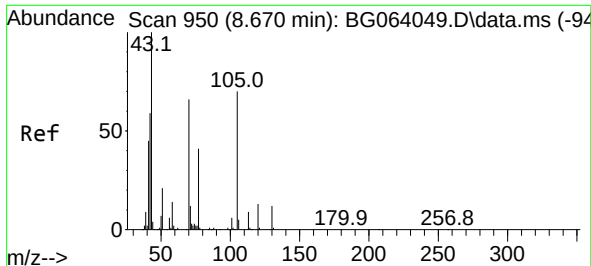
Reviewed By :Anahy Claudio 03/10/2025  
Supervised By :Jagrut Upadhyay 03/10/2025



#18  
Hexachloroethane  
Concen: 42.970 ng  
RT: 8.945 min Scan# 997  
Delta R.T. -0.000 min  
Lab File: BG064067.D  
Acq: 7 Mar 2025 20:22

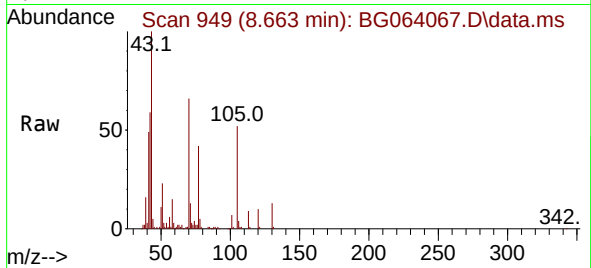
|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 117   | Resp: | 40053 |
| Ion Ratio | Lower | Upper |       |
| 117       | 100   |       |       |
| 119       | 99.1  | 76.2  | 114.2 |
| 201       | 107.0 | 81.5  | 122.3 |





#19  
n-Nitroso-di-n-propylamine  
Concen: 41.477 ng  
RT: 8.663 min Scan# 949  
Delta R.T. -0.006 min  
Lab File: BG064067.D  
Acq: 7 Mar 2025 20:22

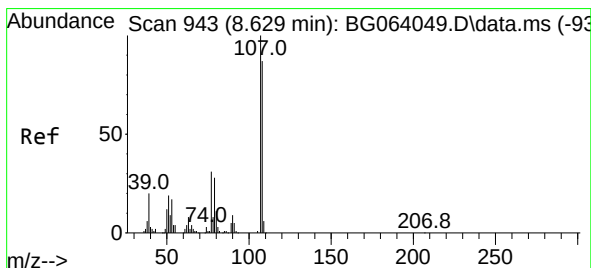
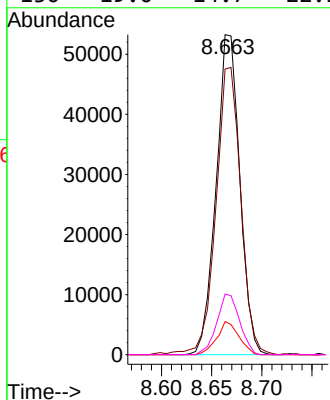
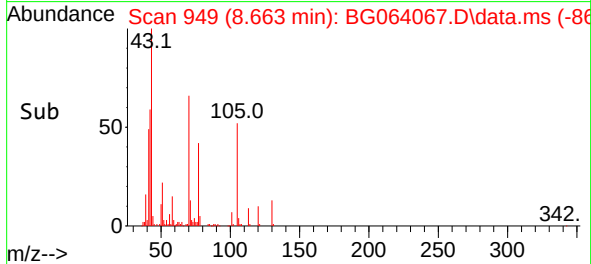
Instrument :  
BNA\_G  
ClientSampleId :  
ENV-105-SB02MSD



Tgt Ion: 70 Resp: 87269  
Ion Ratio Lower Upper  
70 100  
42 89.2 72.1 108.1  
101 10.4 7.2 10.8  
130 19.0 14.7 22.1

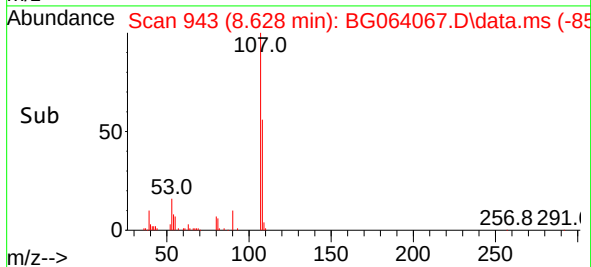
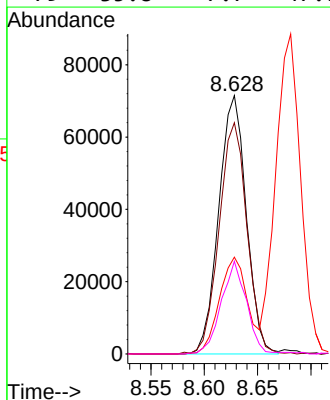
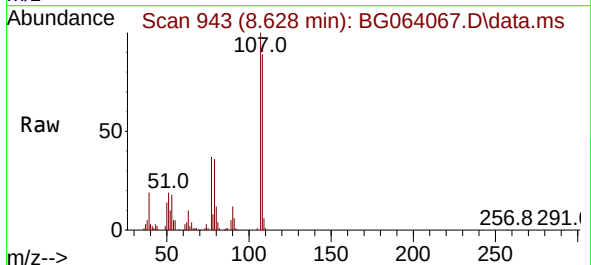
Manual Integrations  
APPROVED

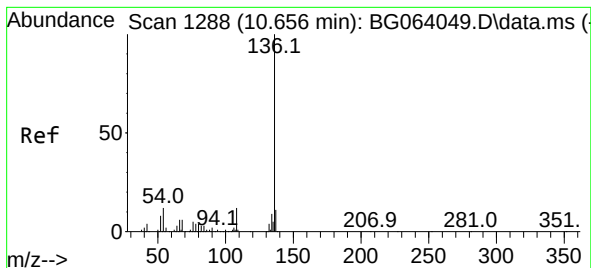
Reviewed By :Anahy Claudio 03/10/2025  
Supervised By :Jagrut Upadhyay 03/10/2025



#20  
3+4-Methylphenols  
Concen: 45.704 ng  
RT: 8.628 min Scan# 943  
Delta R.T. -0.000 min  
Lab File: BG064067.D  
Acq: 7 Mar 2025 20:22

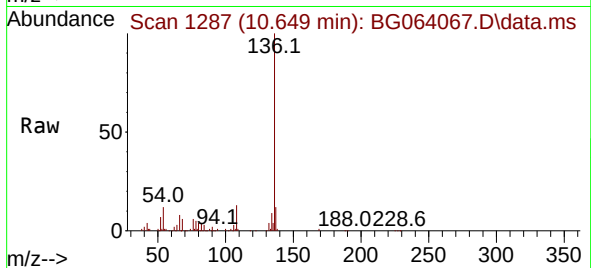
Tgt Ion:107 Resp: 128180  
Ion Ratio Lower Upper  
107 100  
108 89.4 67.0 107.0  
77 37.5 11.2 51.2  
79 35.8 7.7 47.7





#21  
Naphthalene-d8  
Concen: 20.000 ng  
RT: 10.649 min Scan# 1287  
Delta R.T. -0.007 min  
Lab File: BG064067.D  
Acq: 7 Mar 2025 20:22

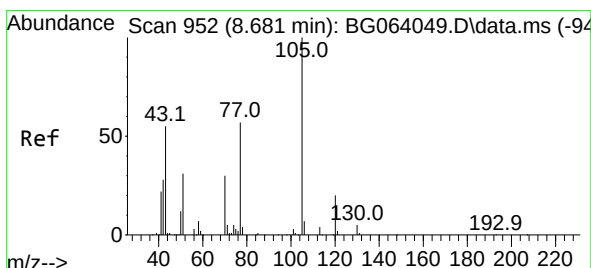
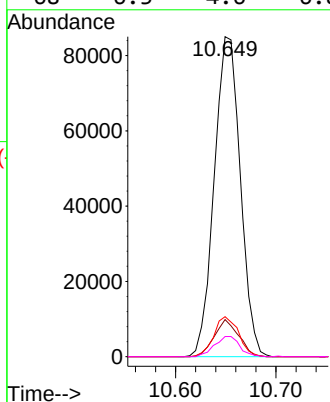
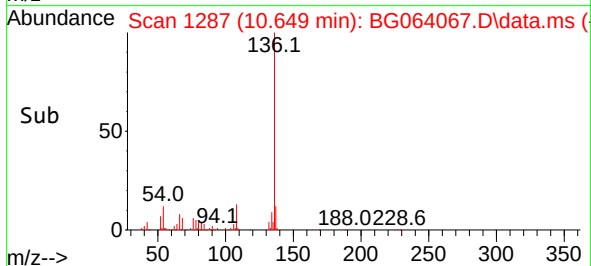
Instrument :  
BNA\_G  
ClientSampleId :  
ENV-105-SB02MSD



Tgt Ion:136 Resp: 153312  
Ion Ratio Lower Upper  
136 100  
137 11.6 8.5 12.7  
54 12.5 9.9 14.9  
68 6.3 4.6 6.8

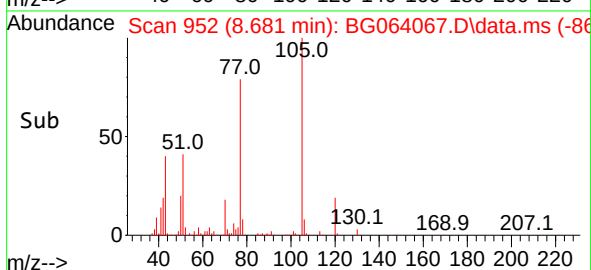
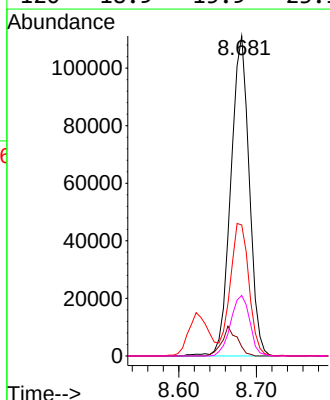
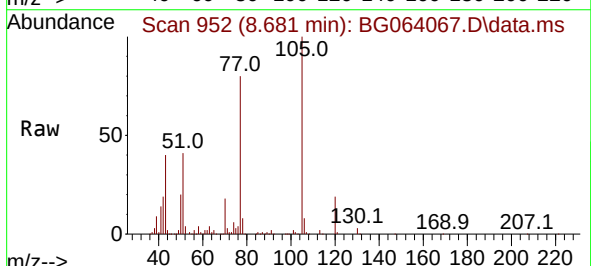
Manual Integrations  
APPROVED

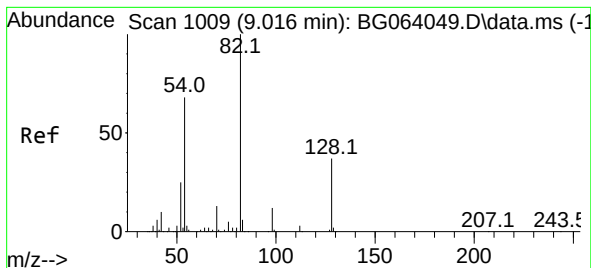
Reviewed By :Anahy Claudio 03/10/2025  
Supervised By :Jagrut Upadhyay 03/10/2025



#22  
Acetophenone  
Concen: 43.567 ng  
RT: 8.681 min Scan# 952  
Delta R.T. -0.000 min  
Lab File: BG064067.D  
Acq: 7 Mar 2025 20:22

Tgt Ion:105 Resp: 183133  
Ion Ratio Lower Upper  
105 100  
71 2.9 4.2 6.4#  
51 40.9 33.3 49.9  
120 18.9 15.9 23.9





#23

Nitrobenzene-d5

Concen: 62.544 ng

RT: 9.016 min Scan# 1009

Delta R.T. -0.000 min

Lab File: BG064067.D

Acq: 7 Mar 2025 20:22

Instrument :

BNA\_G

ClientSampleId :

ENV-105-SB02MSD

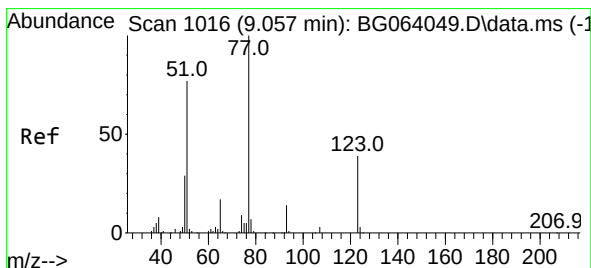
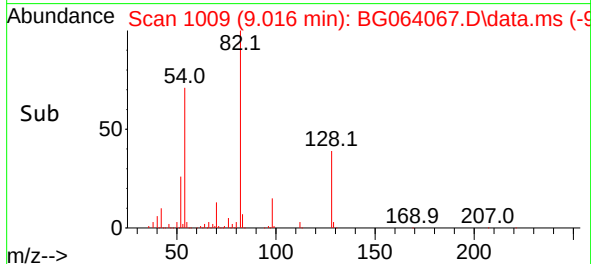
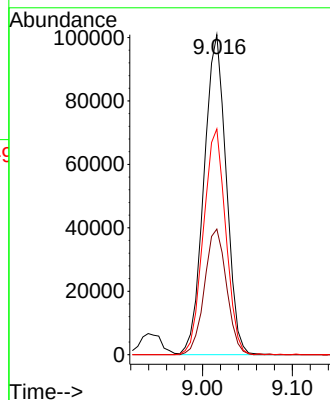
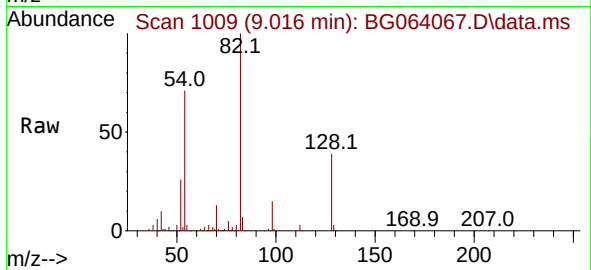
Tgt Ion: 82 Resp: 173515

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 82  | 100   |       |       |
| 128 | 39.3  | 30.0  | 45.0  |
| 54  | 70.6  | 54.7  | 82.1  |

Manual Integrations

APPROVED

Reviewed By :Anahy Claudio 03/10/2025  
Supervised By :Jagrut Upadhyay 03/10/2025



#24

Nitrobenzene

Concen: 43.631 ng

RT: 9.057 min Scan# 1016

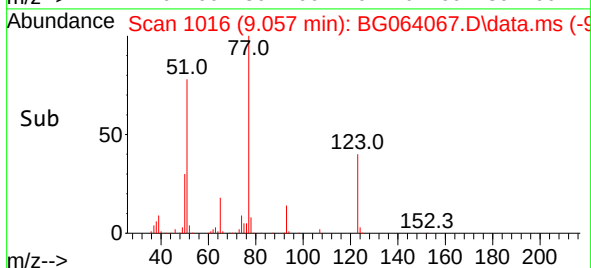
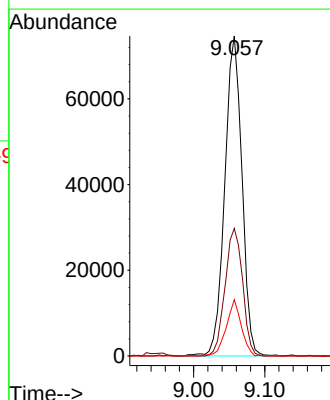
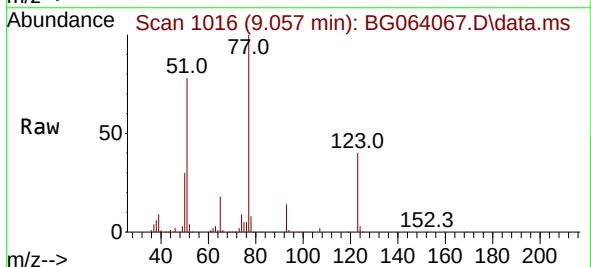
Delta R.T. -0.000 min

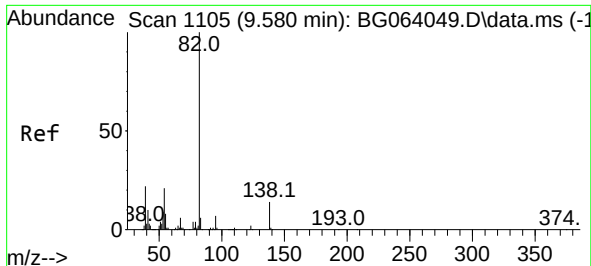
Lab File: BG064067.D

Acq: 7 Mar 2025 20:22

Tgt Ion: 77 Resp: 125094

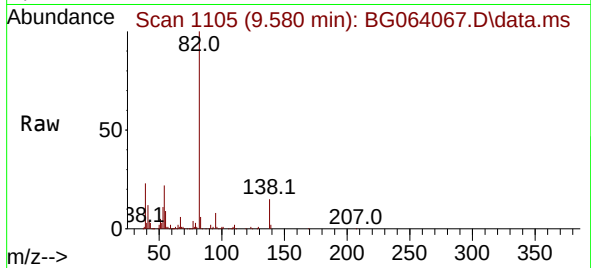
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 77  | 100   |       |       |
| 123 | 39.9  | 31.4  | 47.2  |
| 65  | 17.6  | 13.4  | 20.0  |





#25  
Isophorone  
Concen: 43.431 ng  
RT: 9.580 min Scan# 1105  
Delta R.T. -0.000 min  
Lab File: BG064067.D  
Acq: 7 Mar 2025 20:22

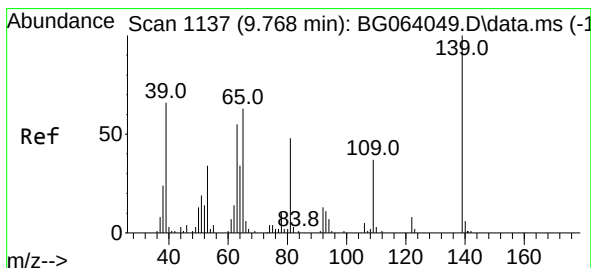
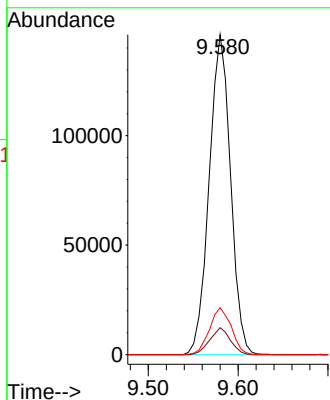
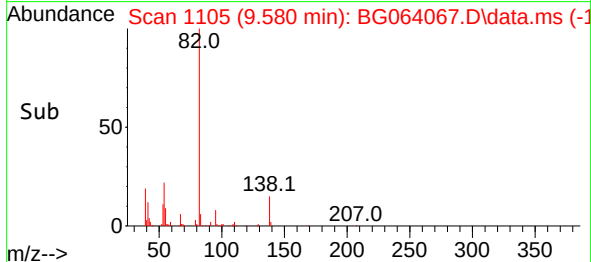
Instrument :  
BNA\_G  
ClientSampleId :  
ENV-105-SB02MSD



Tgt Ion: 82 Resp: 241168  
Ion Ratio Lower Upper  
82 100  
95 8.4 5.8 8.8  
138 14.7 10.9 16.3

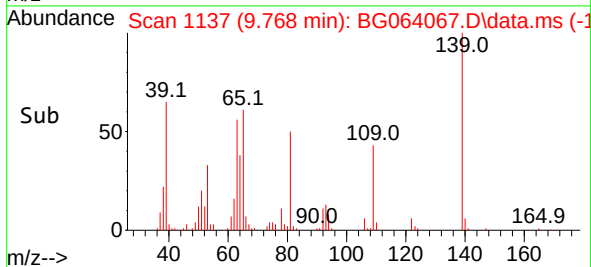
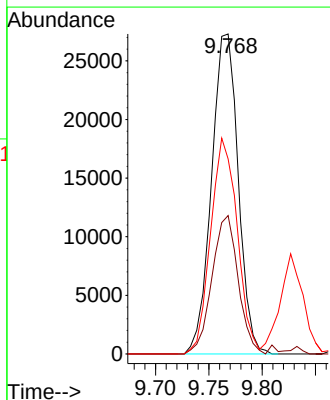
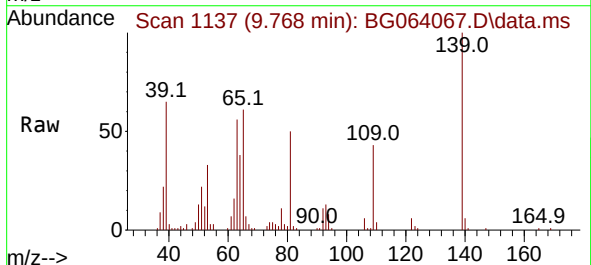
Manual Integrations  
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Reviewed By :Anahy Claudio 03/10/2025  
Supervised By :Jagrut Upadhyay 03/10/2025

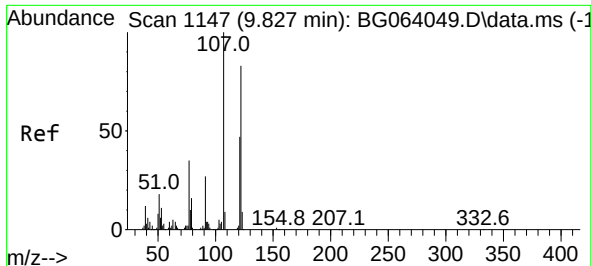


#26  
2-Nitrophenol  
Concen: 47.899 ng  
RT: 9.768 min Scan# 1137  
Delta R.T. -0.000 min  
Lab File: BG064067.D  
Acq: 7 Mar 2025 20:22

Tgt Ion:139 Resp: 47450  
Ion Ratio Lower Upper  
139 100  
109 43.3 29.9 44.9  
65 61.0 50.6 76.0







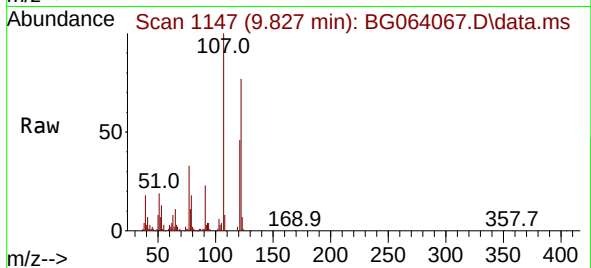
#27  
2,4-Dimethylphenol  
Concen: 57.653 ng  
RT: 9.827 min Scan# 1147  
Delta R.T. -0.000 min  
Lab File: BG064067.D  
Acq: 7 Mar 2025 20:22

Instrument :

BNA\_G

ClientSampleId :

ENV-105-SB02MSD

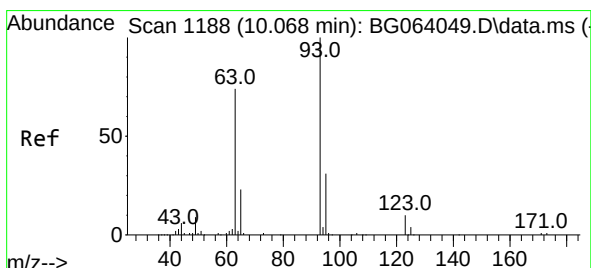
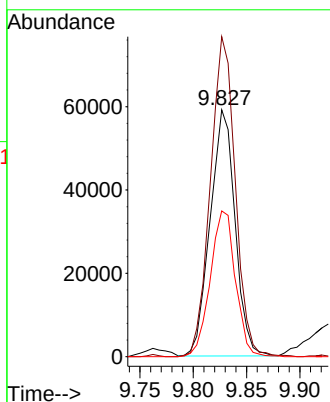
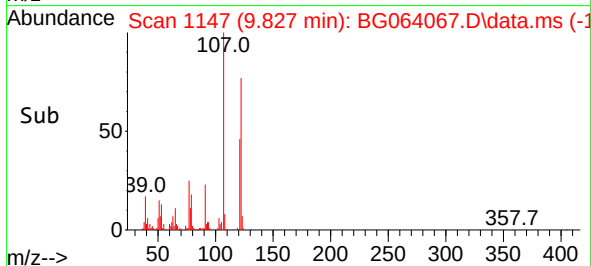


Tgt Ion:122 Resp: 95972  
Ion Ratio Lower Upper  
122 100  
107 129.6 95.4 143.0  
121 59.1 44.9 67.3

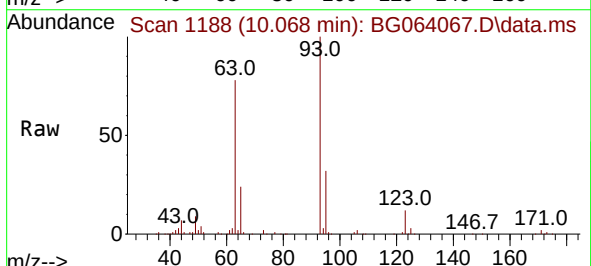
Manual Integrations

APPROVED

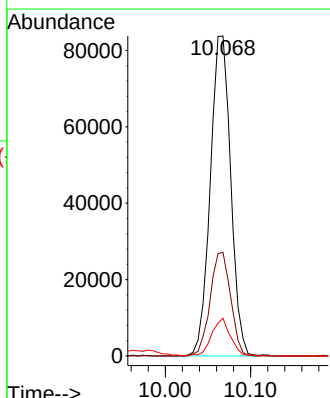
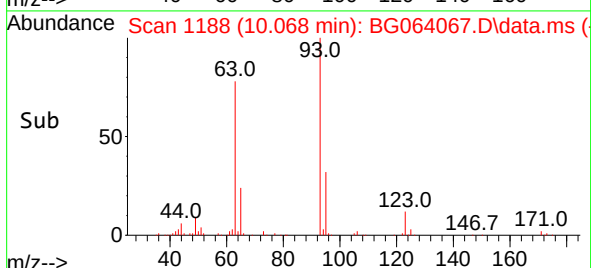
Reviewed By :Anahy Claudio 03/10/2025  
Supervised By :Jagrut Upadhyay 03/10/2025

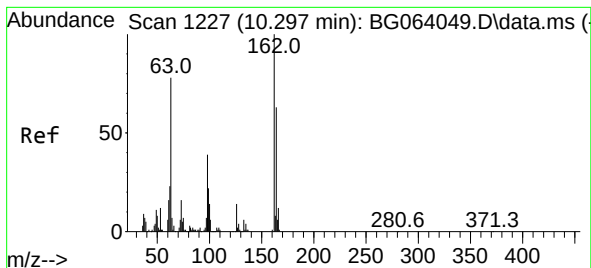


#28  
bis(2-Chloroethoxy)methane  
Concen: 41.460 ng  
RT: 10.068 min Scan# 1188  
Delta R.T. -0.000 min  
Lab File: BG064067.D  
Acq: 7 Mar 2025 20:22



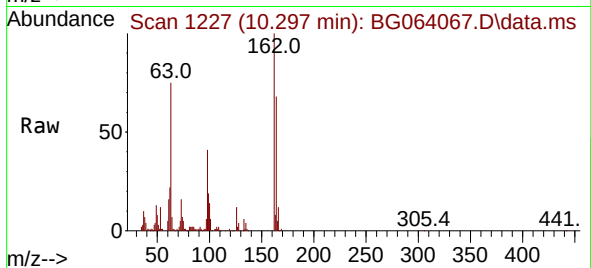
Tgt Ion: 93 Resp: 139576  
Ion Ratio Lower Upper  
93 100  
95 32.3 25.0 37.4  
123 11.8 7.6 11.4#





#29  
2,4-Dichlorophenol  
Concen: 47.689 ng  
RT: 10.297 min Scan# 1227  
Delta R.T. -0.000 min  
Lab File: BG064067.D  
Acq: 7 Mar 2025 20:22

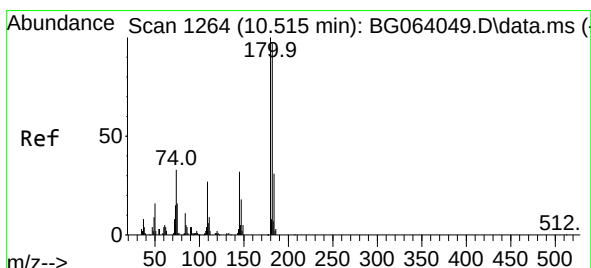
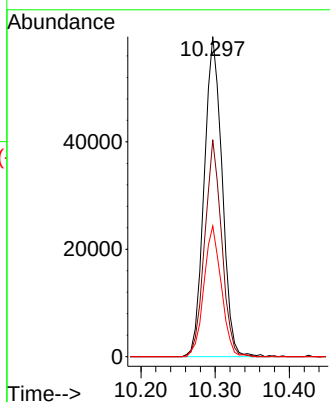
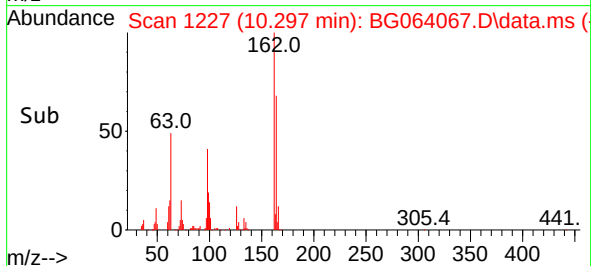
Instrument :  
BNA\_G  
ClientSampleId :  
ENV-105-SB02MSD



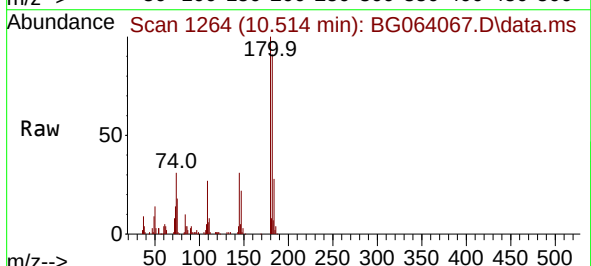
Tgt Ion:162 Resp: 10024  
Ion Ratio Lower Upper  
162 100  
164 67.8 42.8 82.8  
98 40.8 19.1 59.1

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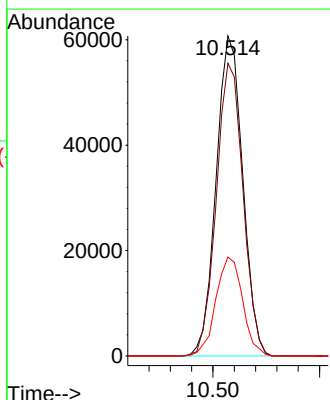
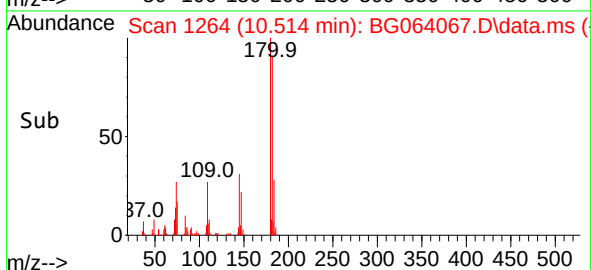
Reviewed By :Anahy Claudio 03/10/2025  
Supervised By :Jagrut Upadhyay 03/10/2025

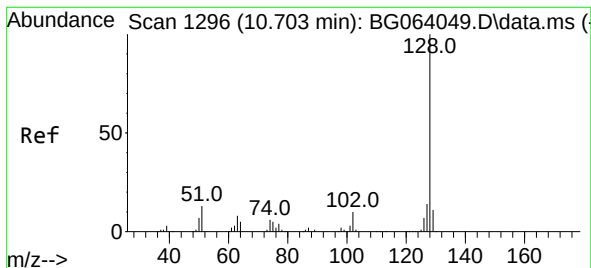


#30  
1,2,4-Trichlorobenzene  
Concen: 41.374 ng  
RT: 10.514 min Scan# 1264  
Delta R.T. -0.000 min  
Lab File: BG064067.D  
Acq: 7 Mar 2025 20:22



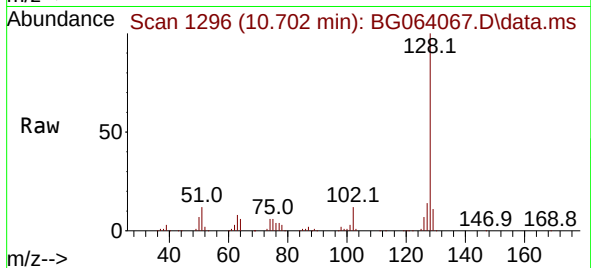
Tgt Ion:180 Resp: 104985  
Ion Ratio Lower Upper  
180 100  
182 91.5 77.3 115.9  
145 30.9 25.2 37.8





#31  
Naphthalene  
Concen: 40.516 ng  
RT: 10.702 min Scan# 1296  
Delta R.T. -0.000 min  
Lab File: BG064067.D  
Acq: 7 Mar 2025 20:22

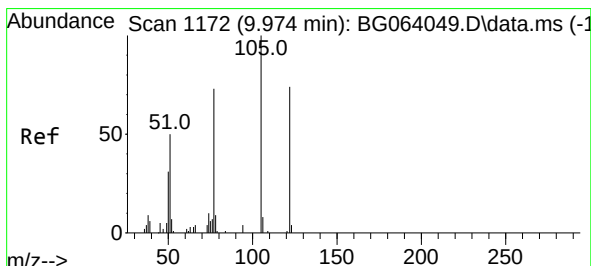
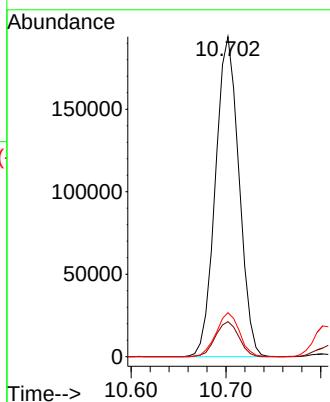
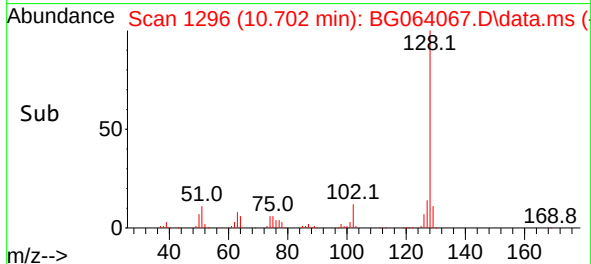
Instrument :  
BNA\_G  
ClientSampleId :  
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Tgt Ion:128 Resp: 33494  
Ion Ratio Lower Upper  
128 100  
129 11.0 8.4 12.6  
127 13.7 11.1 16.7

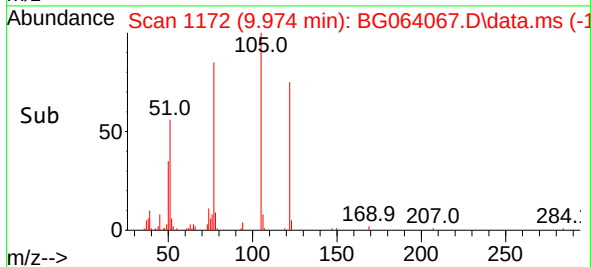
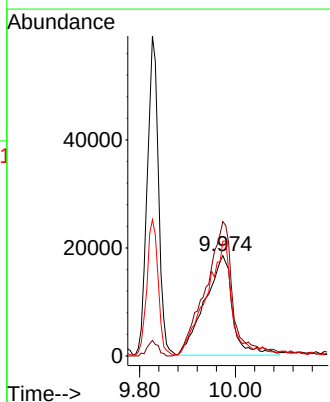
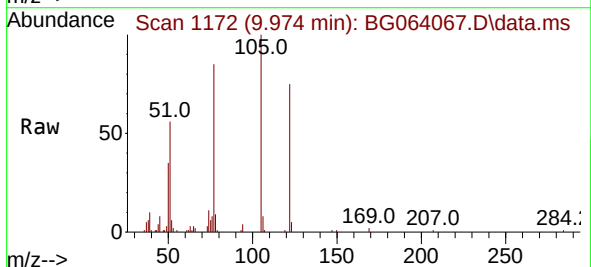
Manual Integrations  
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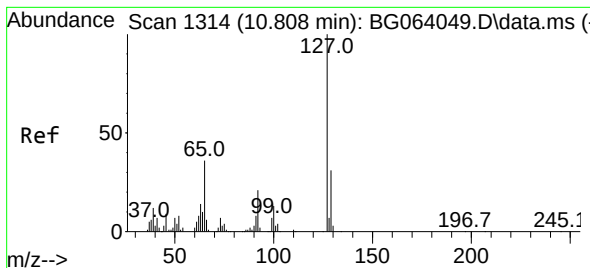
Reviewed By :Anahy Claudio 03/10/2025  
Supervised By :Jagrut Upadhyay 03/10/2025



#32  
Benzoic acid  
Concen: 48.400 ng m  
RT: 9.974 min Scan# 1172  
Delta R.T. -0.000 min  
Lab File: BG064067.D  
Acq: 7 Mar 2025 20:22

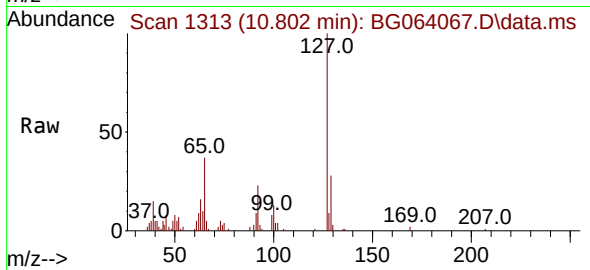
Tgt Ion:122 Resp: 74121  
Ion Ratio Lower Upper  
122 100  
105 134.0 115.0 155.0  
77 114.2 80.9 120.9





#33  
4-Chloroaniline  
Concen: 11.593 ng  
RT: 10.802 min Scan# 1313  
Delta R.T. -0.006 min  
Lab File: BG064067.D  
Acq: 7 Mar 2025 20:22

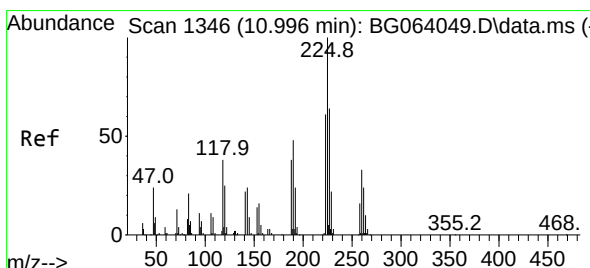
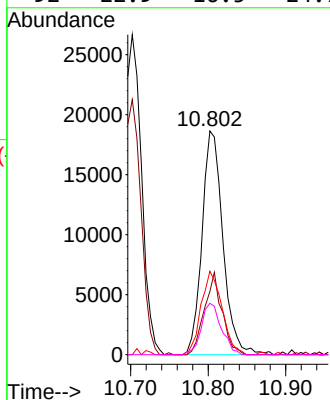
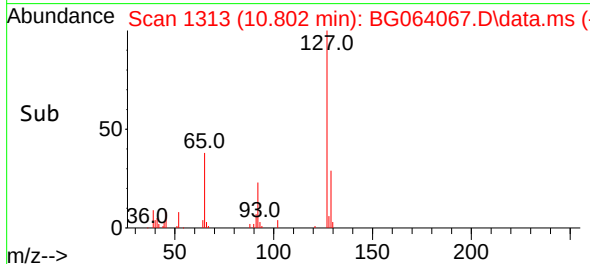
Instrument :  
BNA\_G  
ClientSampleId :  
ENV-105-SB02MSD



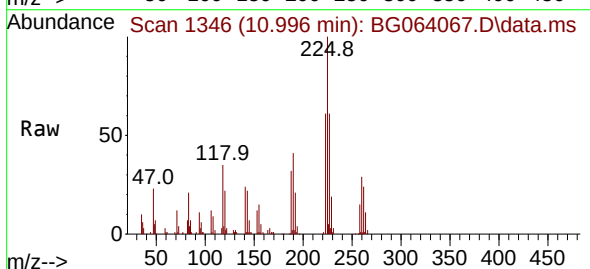
|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 127   | Resp: | 35030 |
| Ion      | Ratio | Lower | Upper |
| 127      | 100   |       |       |
| 129      | 28.3  | 25.0  | 37.4  |
| 65       | 37.3  | 28.5  | 42.7  |
| 92       | 22.9  | 16.5  | 24.7  |

Manual Integrations  
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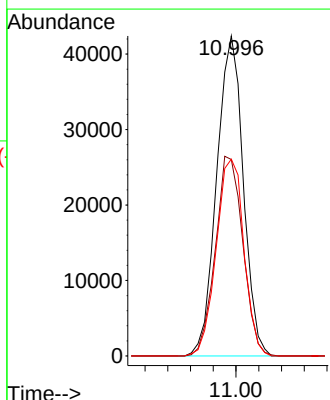
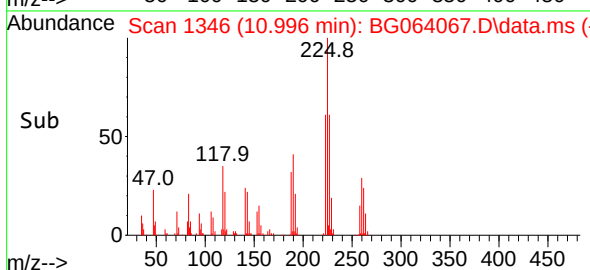
Reviewed By :Anahy Claudio 03/10/2025  
Supervised By :Jagrut Upadhyay 03/10/2025

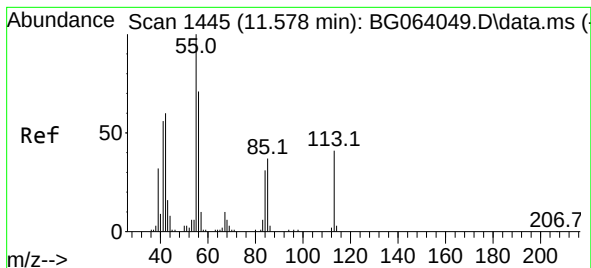


#34  
Hexachlorobutadiene  
Concen: 41.321 ng  
RT: 10.996 min Scan# 1346  
Delta R.T. -0.000 min  
Lab File: BG064067.D  
Acq: 7 Mar 2025 20:22



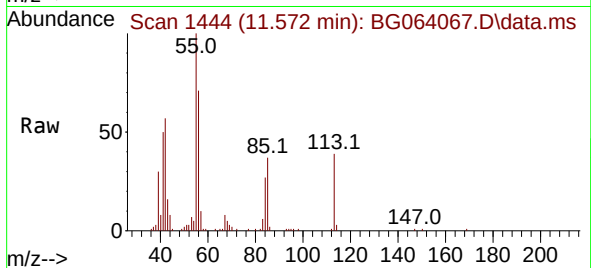
|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 225   | Resp: | 68725 |
| Ion      | Ratio | Lower | Upper |
| 225      | 100   |       |       |
| 223      | 61.4  | 48.5  | 72.7  |
| 227      | 61.5  | 51.0  | 76.6  |





#35  
Caprolactam  
Concen: 50.786 ng m  
RT: 11.572 min Scan# 1444  
Delta R.T. -0.006 min  
Lab File: BG064067.D  
Acq: 7 Mar 2025 20:22

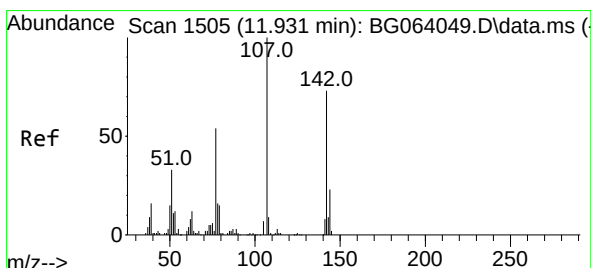
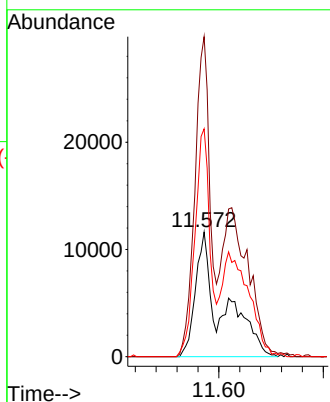
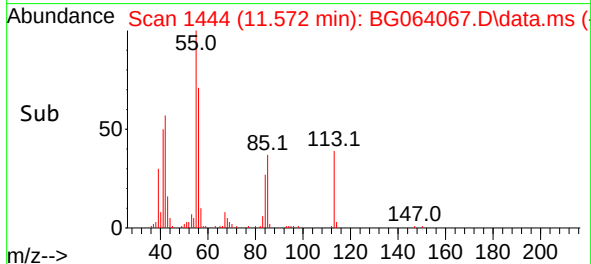
Instrument :  
BNA\_G  
ClientSampleId :  
ENV-105-SB02MSD



Tgt Ion:113 Resp: 40909  
Ion Ratio Lower Upper  
113 100  
55 256.7 225.2 265.2  
56 182.8 153.4 193.4

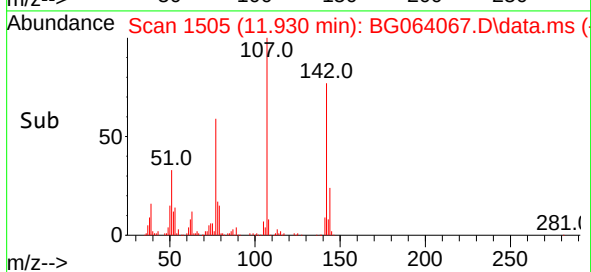
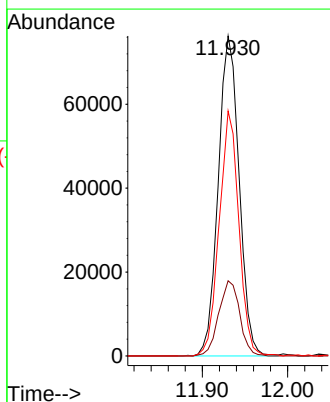
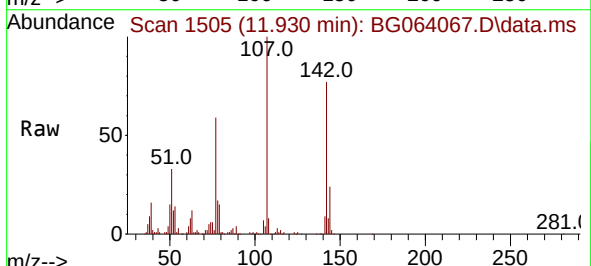
Manual Integrations  
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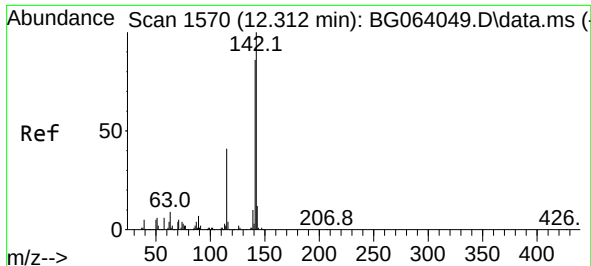
Reviewed By :Anahy Claudio 03/10/2025  
Supervised By :Jagrut Upadhyay 03/10/2025



#36  
4-Chloro-3-methylphenol  
Concen: 47.127 ng  
RT: 11.930 min Scan# 1505  
Delta R.T. -0.000 min  
Lab File: BG064067.D  
Acq: 7 Mar 2025 20:22

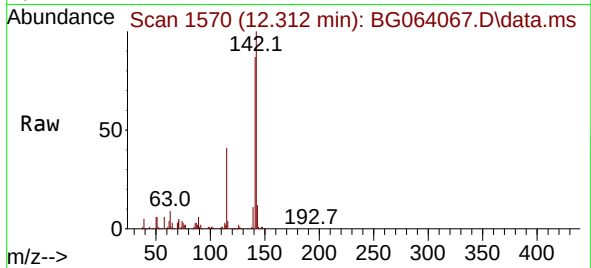
Tgt Ion:107 Resp: 129850  
Ion Ratio Lower Upper  
107 100  
144 23.5 18.6 28.0  
142 76.6 58.0 87.0





#37  
2-Methylnaphthalene  
Concen: 41.012 ng  
RT: 12.312 min Scan# 1570  
Delta R.T. -0.000 min  
Lab File: BG064067.D  
Acq: 7 Mar 2025 20:22

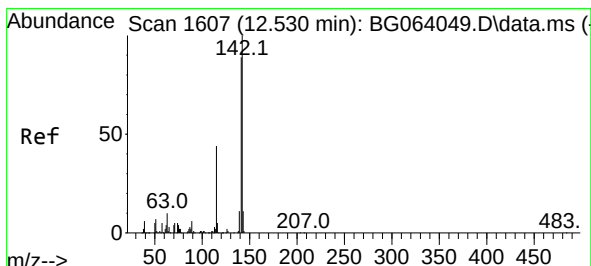
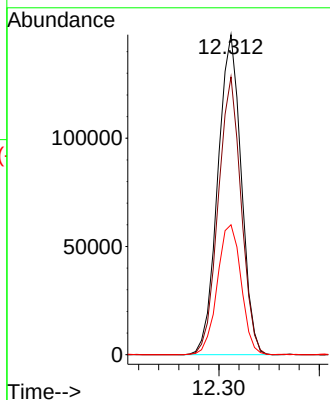
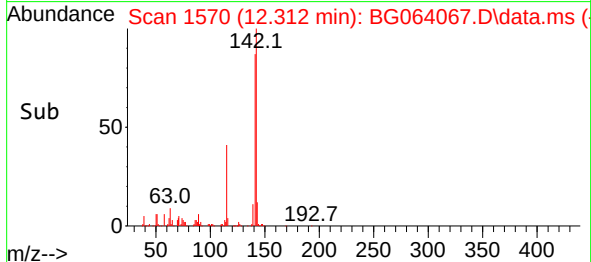
Instrument :  
BNA\_G  
ClientSampleId :  
ENV-105-SB02MSD



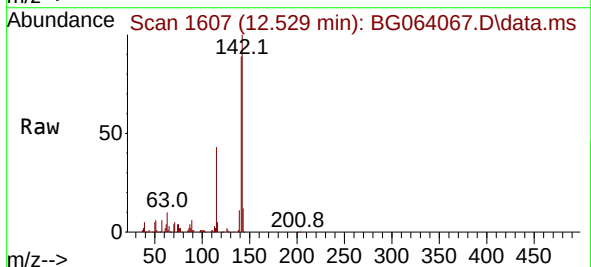
Tgt Ion:142 Resp: 23935  
Ion Ratio Lower Upper  
142 100  
141 86.8 68.6 103.0  
115 40.6 32.8 49.2

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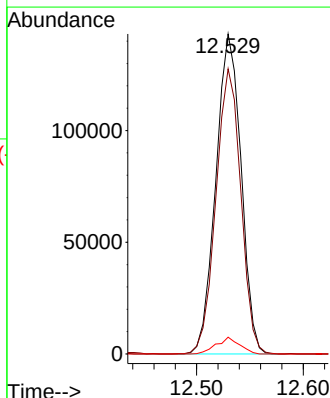
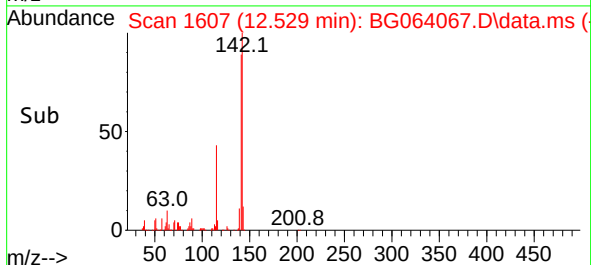
Reviewed By :Anahy Claudio 03/10/2025  
Supervised By :Jagrut Upadhyay 03/10/2025

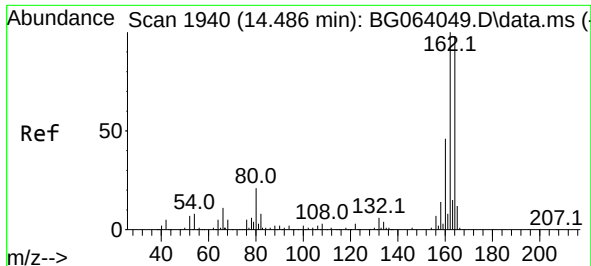


#38  
1-Methylnaphthalene  
Concen: 41.147 ng  
RT: 12.529 min Scan# 1607  
Delta R.T. -0.000 min  
Lab File: BG064067.D  
Acq: 7 Mar 2025 20:22



Tgt Ion:142 Resp: 235268  
Ion Ratio Lower Upper  
142 100  
141 89.1 71.2 106.8  
116 5.2 3.6 5.4





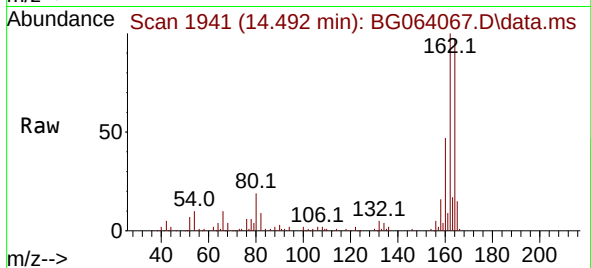
#39  
Acenaphthene-d10  
Concen: 20.000 ng  
RT: 14.492 min Scan# 1941  
Delta R.T. 0.006 min  
Lab File: BG064067.D  
Acq: 7 Mar 2025 20:22

Instrument :

BNA\_G

ClientSampleId :

ENV-105-SB02MSD

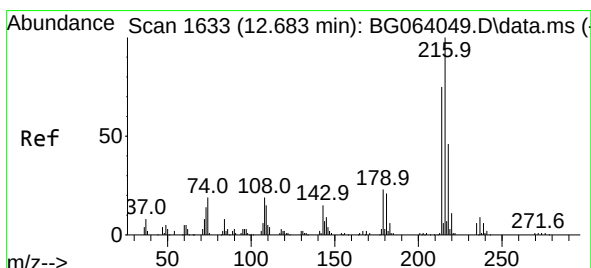
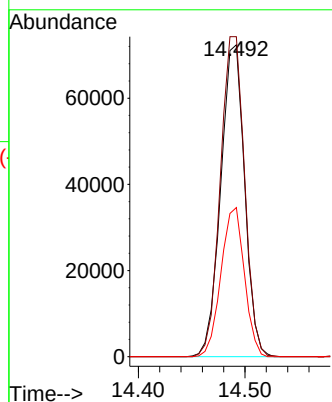
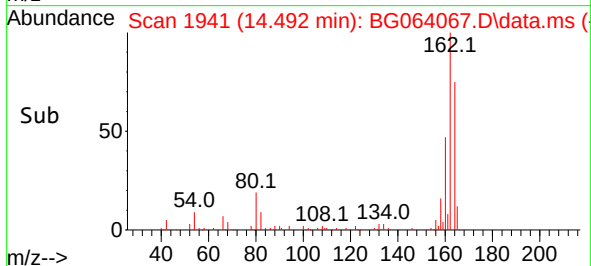


Tgt Ion:164 Resp: 11251  
Ion Ratio Lower Upper  
164 100  
162 102.6 81.4 122.0  
160 47.8 37.0 55.6

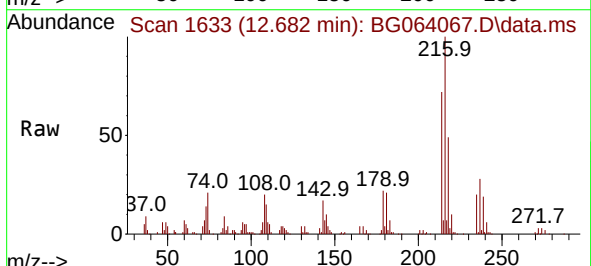
Manual Integrations

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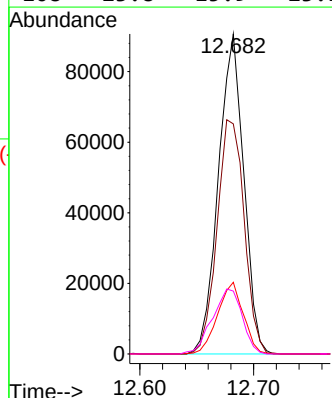
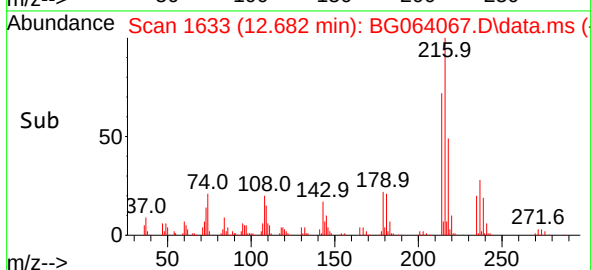
Reviewed By :Anahy Claudio 03/10/2025  
Supervised By :Jagrut Upadhyay 03/10/2025

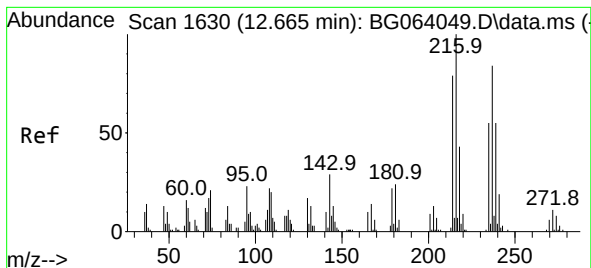


#40  
1,2,4,5-Tetrachlorobenzene  
Concen: 43.740 ng  
RT: 12.682 min Scan# 1633  
Delta R.T. -0.000 min  
Lab File: BG064067.D  
Acq: 7 Mar 2025 20:22



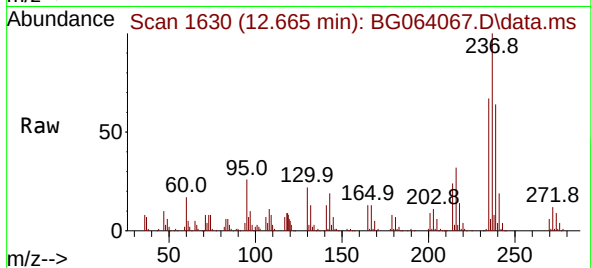
Tgt Ion:216 Resp: 140504  
Ion Ratio Lower Upper  
216 100  
214 78.2 61.7 92.5  
179 22.7 17.9 26.9  
108 23.8 15.9 23.9





#41  
Hexachlorocyclopentadiene  
Concen: 160.578 ng  
RT: 12.665 min Scan# 1630  
Delta R.T. -0.000 min  
Lab File: BG064067.D  
Acq: 7 Mar 2025 20:22

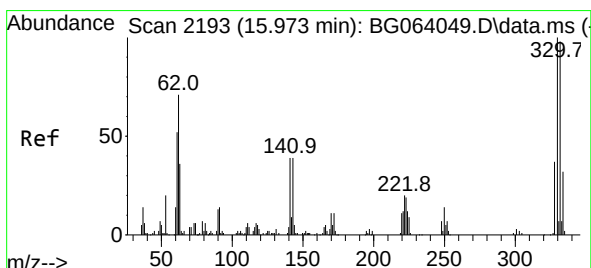
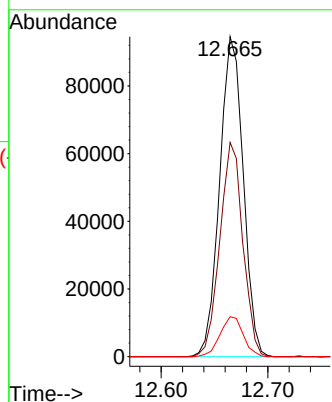
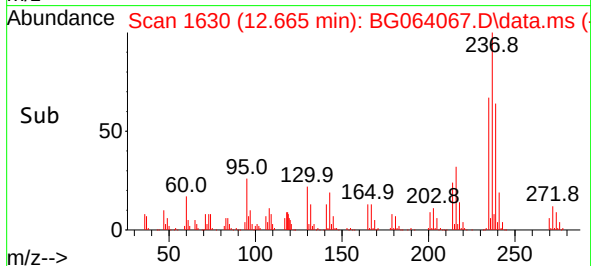
Instrument :  
BNA\_G  
ClientSampleId :  
ENV-105-SB02MSD



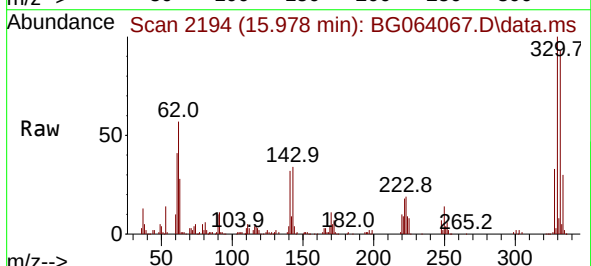
Tgt Ion:237 Resp: 145170  
Ion Ratio Lower Upper  
237 100  
235 66.9 46.0 86.0  
272 12.5 0.0 32.8

Manual Integrations  
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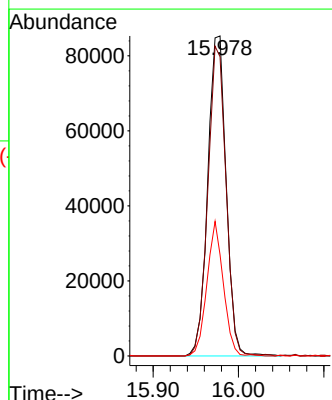
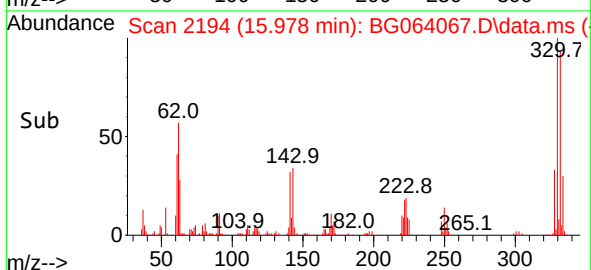
Reviewed By :Anahy Claudio 03/10/2025  
Supervised By :Jagrut Upadhyay 03/10/2025



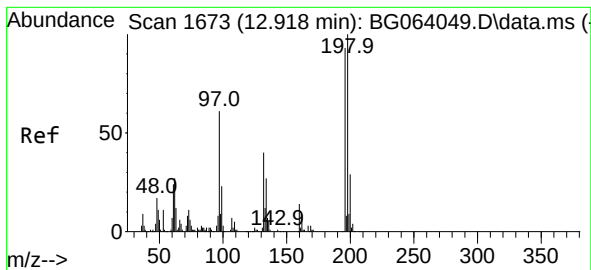
#42  
2,4,6-Tribromophenol  
Concen: 102.094 ng  
RT: 15.978 min Scan# 2194  
Delta R.T. 0.005 min  
Lab File: BG064067.D  
Acq: 7 Mar 2025 20:22



Tgt Ion:330 Resp: 127687  
Ion Ratio Lower Upper  
330 100  
332 95.5 76.7 115.1  
141 37.7 29.7 44.5

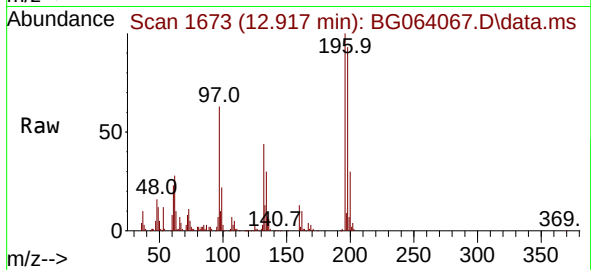






#43  
2,4,6-Trichlorophenol  
Concen: 47.644 ng  
RT: 12.917 min Scan# 1673  
Delta R.T. -0.000 min  
Lab File: BG064067.D  
Acq: 7 Mar 2025 20:22

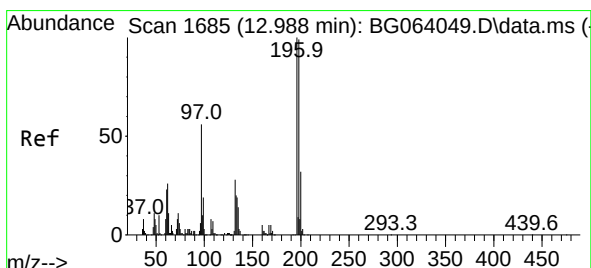
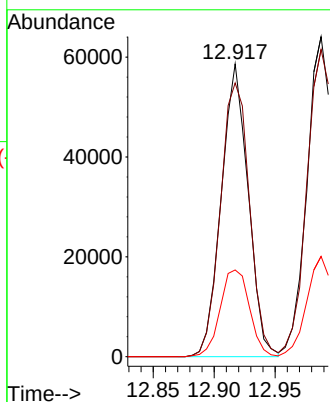
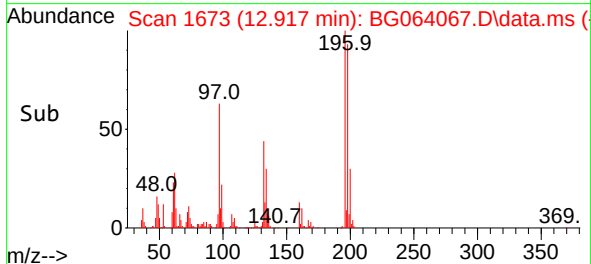
Instrument :  
BNA\_G  
ClientSampleId :  
ENV-105-SB02MSD



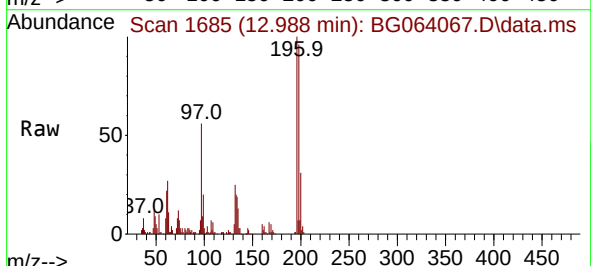
Tgt Ion:196 Resp: 90199  
Ion Ratio Lower Upper  
196 100  
198 93.5 85.6 128.4  
200 29.6 24.6 37.0

Manual Integrations  
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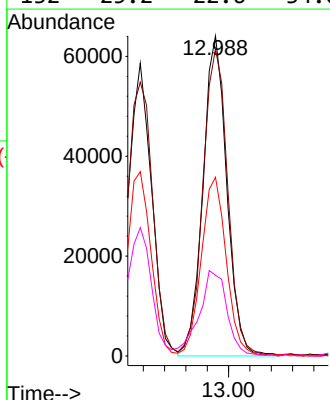
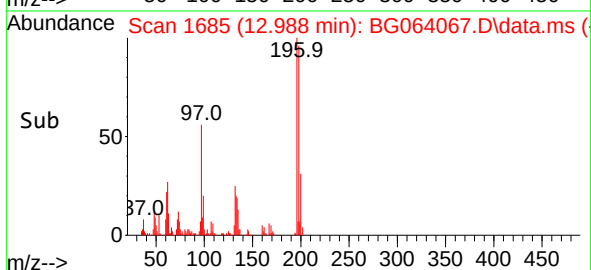
Reviewed By :Anahy Claudio 03/10/2025  
Supervised By :Jagrut Upadhyay 03/10/2025

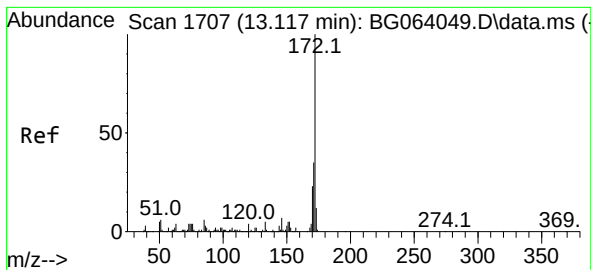


#44  
2,4,5-Trichlorophenol  
Concen: 47.465 ng  
RT: 12.988 min Scan# 1685  
Delta R.T. -0.000 min  
Lab File: BG064067.D  
Acq: 7 Mar 2025 20:22



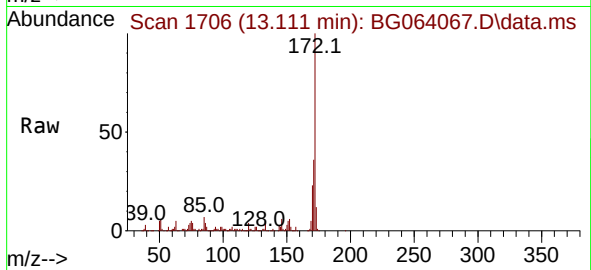
Tgt Ion:196 Resp: 99847  
Ion Ratio Lower Upper  
196 100  
198 96.0 79.5 119.3  
97 55.9 45.2 67.8  
132 25.2 22.6 34.0





#45  
2-Fluorobiphenyl  
Concen: 56.433 ng  
RT: 13.111 min Scan# 1706  
Delta R.T. -0.006 min  
Lab File: BG064067.D  
Acq: 7 Mar 2025 20:22

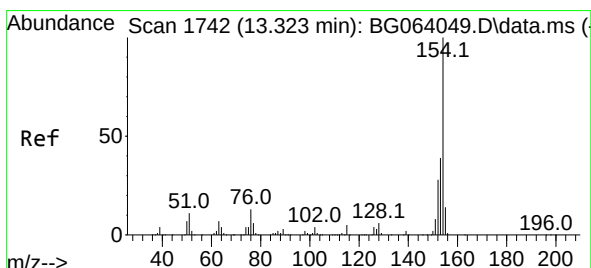
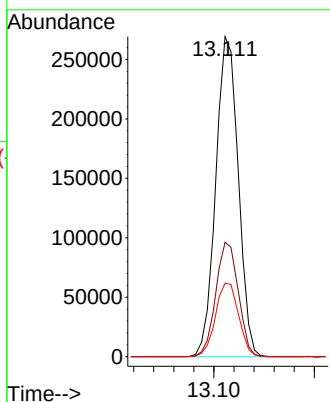
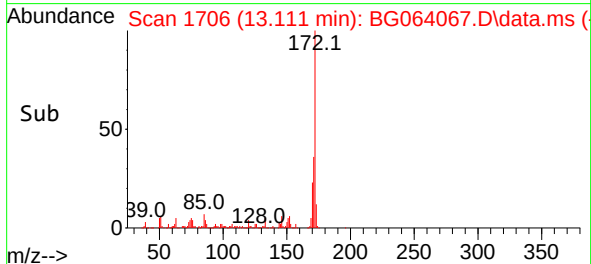
Instrument :  
BNA\_G  
ClientSampleId :  
ENV-105-SB02MSD



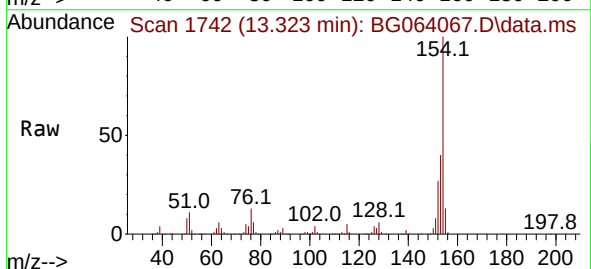
Tgt Ion:172 Resp: 418318  
Ion Ratio Lower Upper  
172 100  
171 35.8 28.0 42.0  
170 23.0 18.7 28.1

Manual Integrations  
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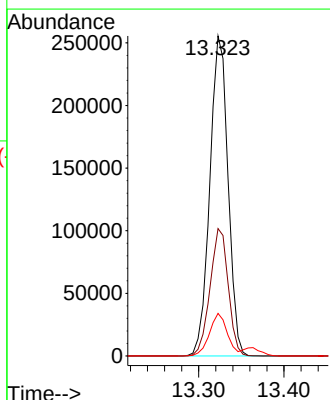
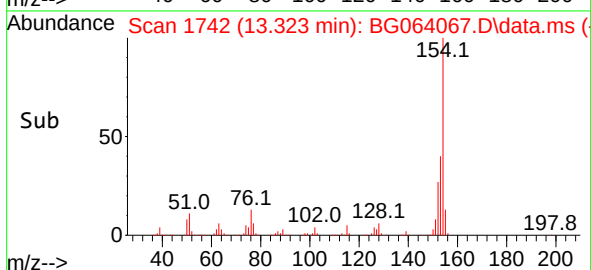
Reviewed By :Anahy Claudio 03/10/2025  
Supervised By :Jagrut Upadhyay 03/10/2025

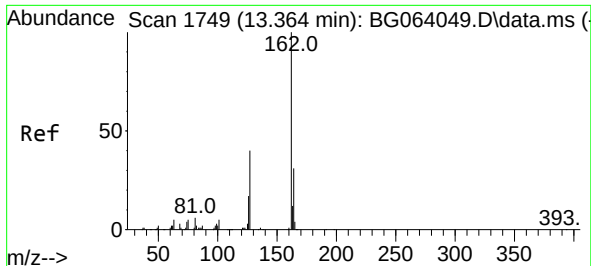


#46  
1,1'-Biphenyl  
Concen: 44.619 ng  
RT: 13.323 min Scan# 1742  
Delta R.T. -0.000 min  
Lab File: BG064067.D  
Acq: 7 Mar 2025 20:22



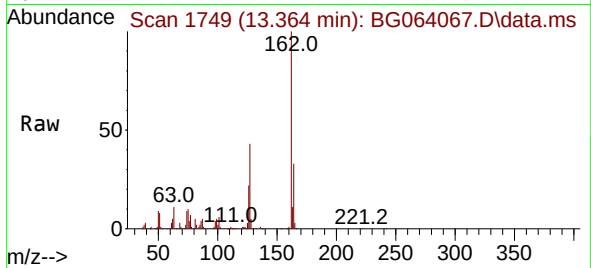
Tgt Ion:154 Resp: 379286  
Ion Ratio Lower Upper  
154 100  
153 39.8 19.5 59.5  
76 13.3 0.0 33.5





#47  
2-Chloronaphthalene  
Concen: 40.660 ng  
RT: 13.364 min Scan# 1749  
Delta R.T. -0.000 min  
Lab File: BG064067.D  
Acq: 7 Mar 2025 20:22

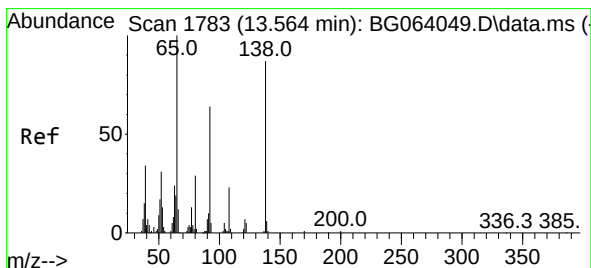
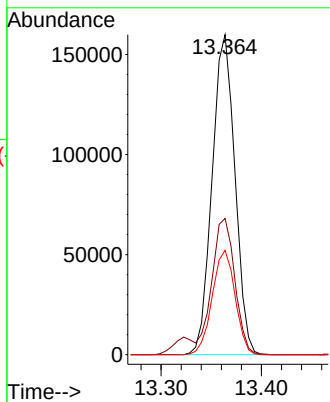
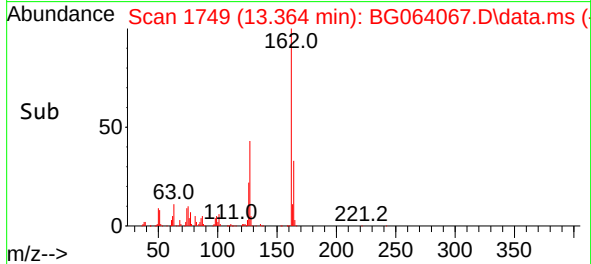
Instrument :  
BNA\_G  
ClientSampleId :  
ENV-105-SB02MSD



Tgt Ion:162 Resp: 252080  
Ion Ratio Lower Upper  
162 100  
127 42.6 35.0 52.4  
164 32.6 25.0 37.6

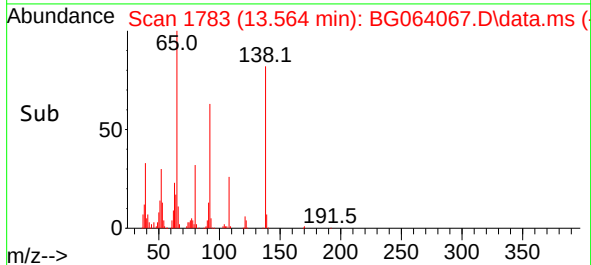
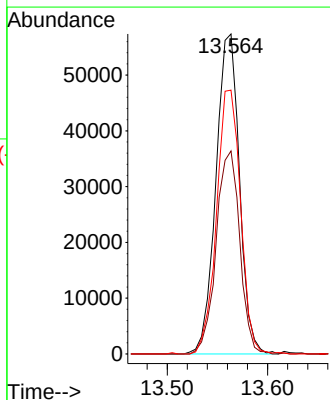
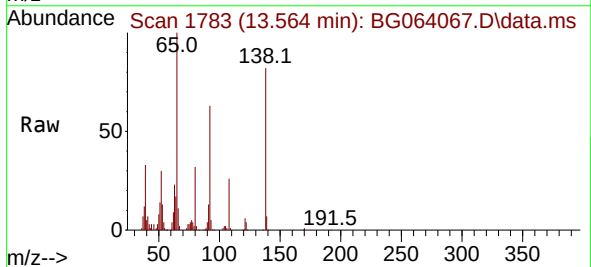
Manual Integrations  
APPROVED

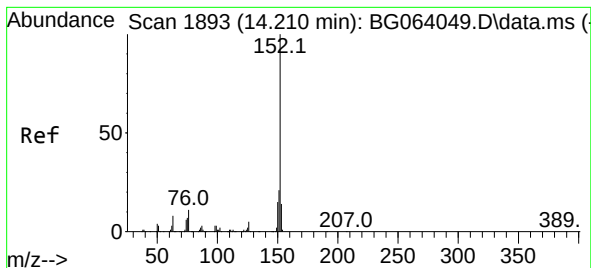
Reviewed By :Anahy Claudio 03/10/2025  
Supervised By :Jagrut Upadhyay 03/10/2025



#48  
2-Nitroaniline  
Concen: 45.748 ng  
RT: 13.564 min Scan# 1783  
Delta R.T. -0.000 min  
Lab File: BG064067.D  
Acq: 7 Mar 2025 20:22

Tgt Ion: 65 Resp: 93209  
Ion Ratio Lower Upper  
65 100  
92 63.4 51.2 76.8  
138 82.4 69.4 104.2





#49

Acenaphthylene

Concen: 43.968 ng

RT: 14.210 min Scan# 1893

Delta R.T. -0.000 min

Lab File: BG064067.D

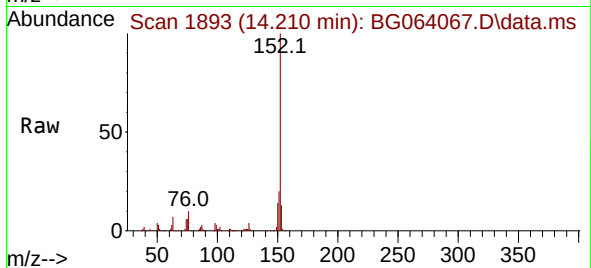
Acq: 7 Mar 2025 20:22

Instrument :

BNA\_G

ClientSampleId :

ENV-105-SB02MSD



Tgt Ion:152 Resp: 431162

Ion Ratio Lower Upper

152 100

151 20.3 16.4 24.6

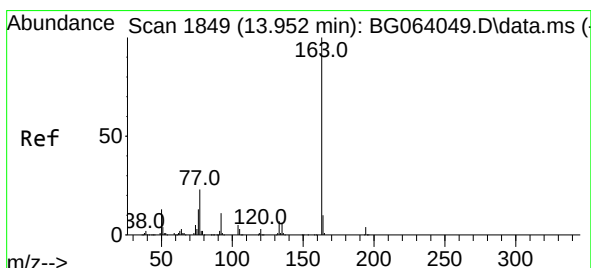
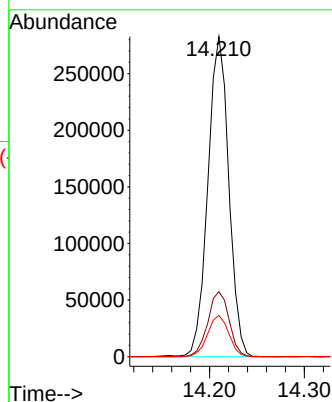
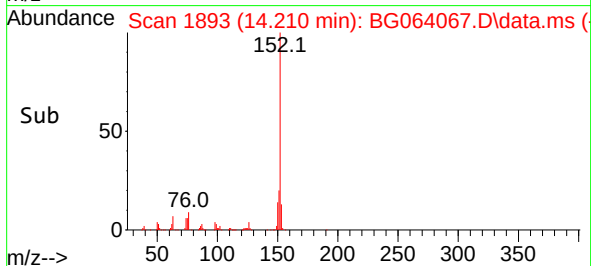
153 12.9 10.9 16.3

Manual Integrations

APPROVED

Reviewed By :Anahy Claudio 03/10/2025

Supervised By :Jagrut Upadhyay 03/10/2025



#50

Dimethylphthalate

Concen: 41.271 ng

RT: 13.951 min Scan# 1849

Delta R.T. -0.000 min

Lab File: BG064067.D

Acq: 7 Mar 2025 20:22

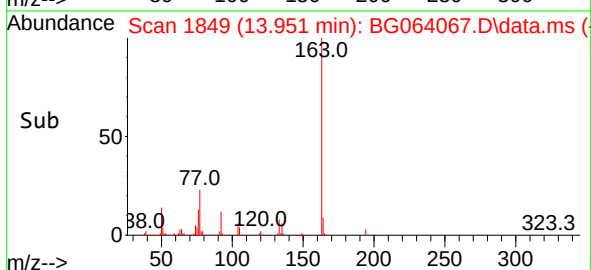
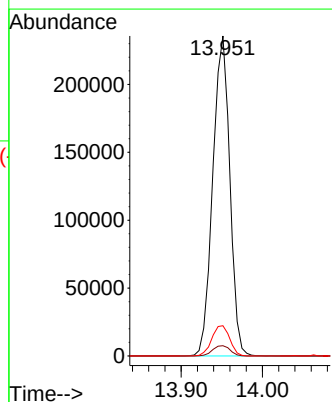
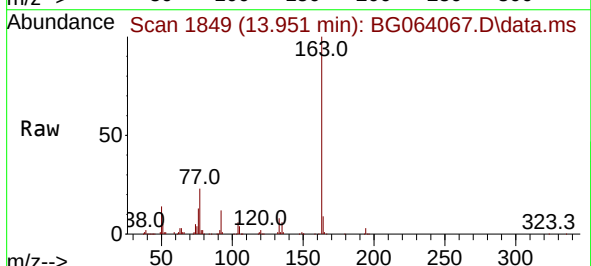
Tgt Ion:163 Resp: 342782

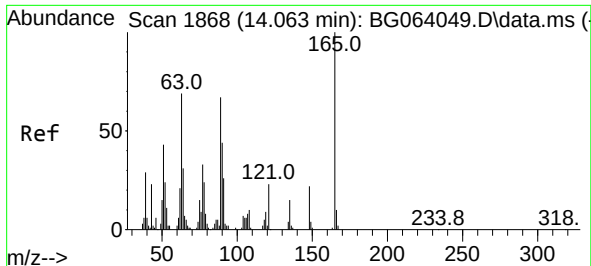
Ion Ratio Lower Upper

163 100

194 3.2 2.8 4.2

164 9.4 8.2 12.2





#51  
2,6-Dinitrotoluene  
Concen: 41.759 ng  
RT: 14.057 min Scan# 1867  
Delta R.T. -0.006 min  
Lab File: BG064067.D  
Acq: 7 Mar 2025 20:22

Instrument :

BNA\_G

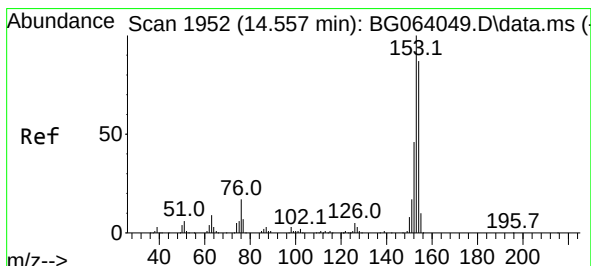
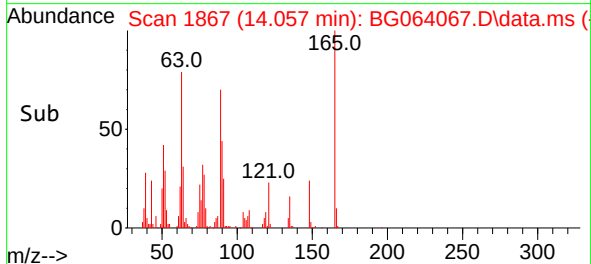
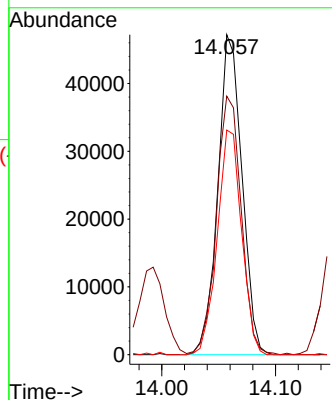
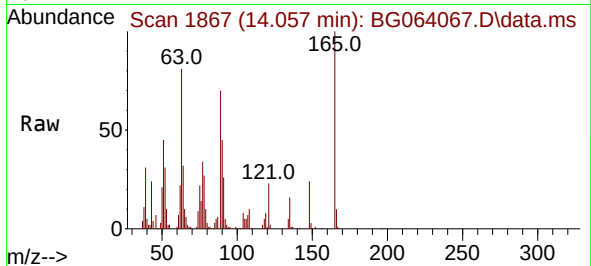
ClientSampleId :

ENV-105-SB02MSD

Tgt Ion:165 Resp: 6957  
Ion Ratio Lower Upper  
165 100  
63 80.8 56.7 85.1  
89 70.2 53.7 80.5

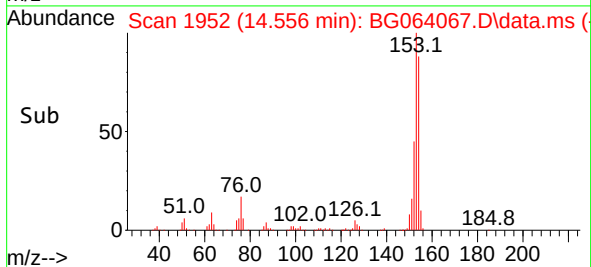
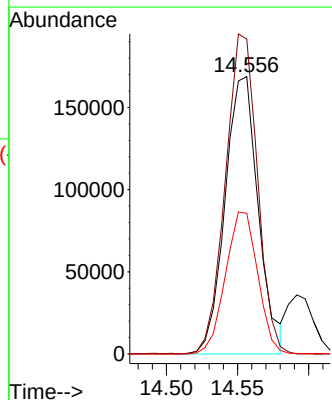
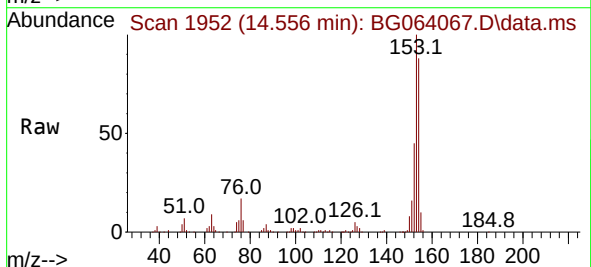
Manual Integrations  
APPROVED

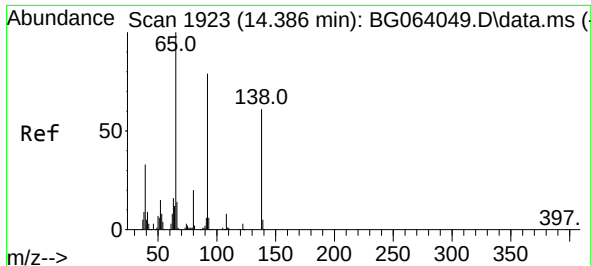
Reviewed By :Anahy Claudio 03/10/2025  
Supervised By :Jagrut Upadhyay 03/10/2025



#52  
Acenaphthene  
Concen: 41.753 ng  
RT: 14.556 min Scan# 1952  
Delta R.T. -0.000 min  
Lab File: BG064067.D  
Acq: 7 Mar 2025 20:22

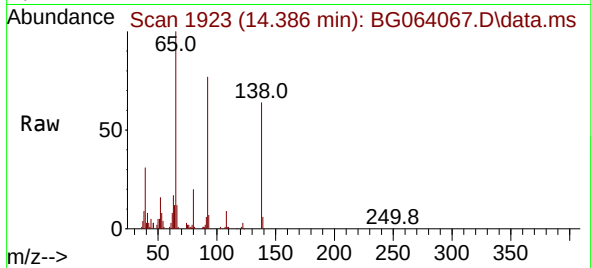
Tgt Ion:154 Resp: 274782  
Ion Ratio Lower Upper  
154 100  
153 113.5 91.6 137.4  
152 50.7 42.5 63.7





#53  
3-Nitroaniline  
Concen: 20.612 ng  
RT: 14.386 min Scan# 1923  
Delta R.T. -0.000 min  
Lab File: BG064067.D  
Acq: 7 Mar 2025 20:22

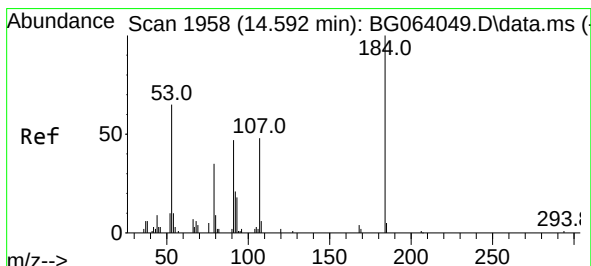
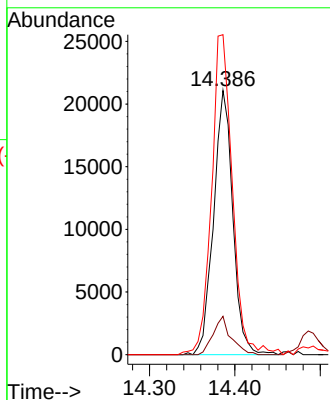
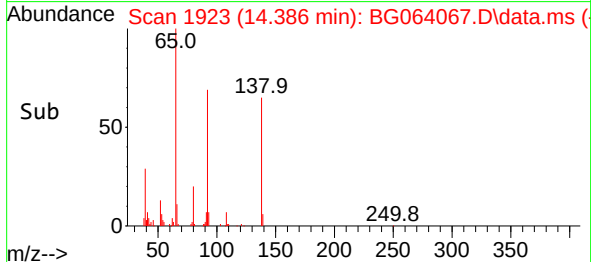
Instrument :  
BNA\_G  
ClientSampleId :  
ENV-105-SB02MSD



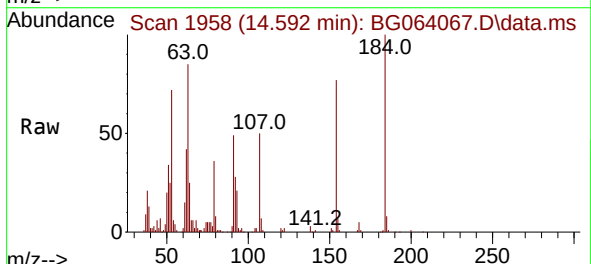
Tgt Ion:138 Resp: 3308  
Ion Ratio Lower Upper  
138 100  
108 14.5 10.1 15.1  
92 121.1 104.1 156.1

Manual Integrations  
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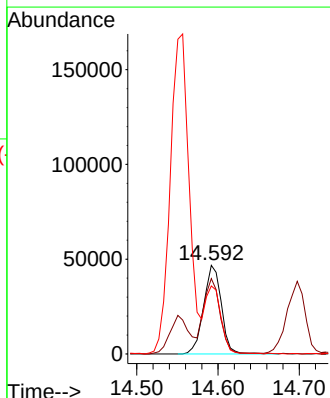
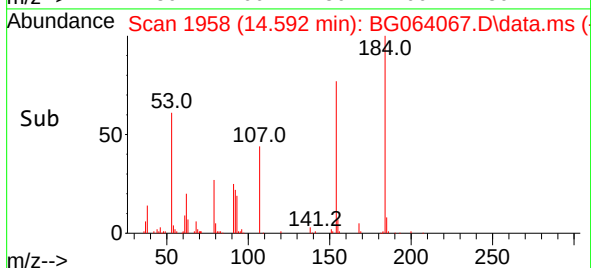
Reviewed By :Anahy Claudio 03/10/2025  
Supervised By :Jagrut Upadhyay 03/10/2025

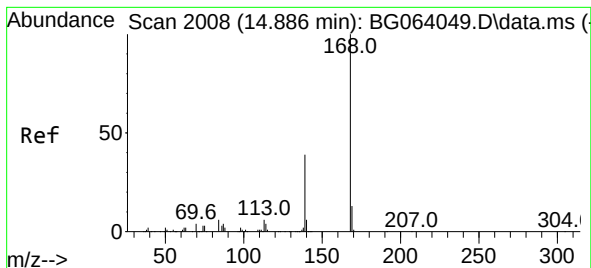


#54  
2,4-Dinitrophenol  
Concen: 98.667 ng  
RT: 14.592 min Scan# 1958  
Delta R.T. -0.000 min  
Lab File: BG064067.D  
Acq: 7 Mar 2025 20:22



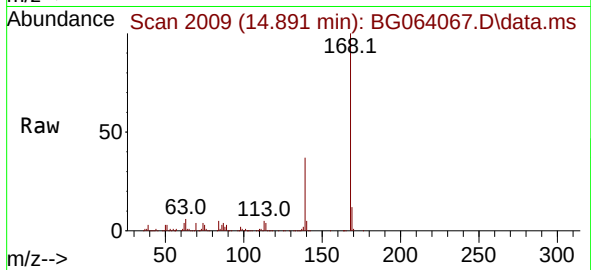
Tgt Ion:184 Resp: 70749  
Ion Ratio Lower Upper  
184 100  
63 85.0 57.5 86.3  
154 76.7 52.3 78.5





#55  
Dibenzenofuran  
Concen: 39.956 ng  
RT: 14.891 min Scan# 2008  
Delta R.T. 0.005 min  
Lab File: BG064067.D  
Acq: 7 Mar 2025 20:22

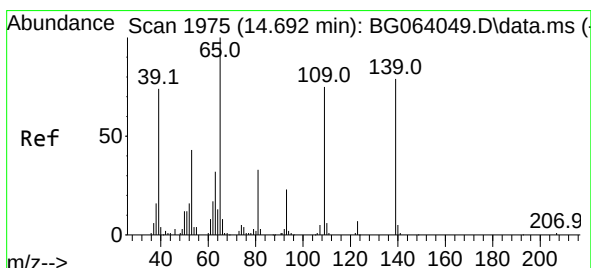
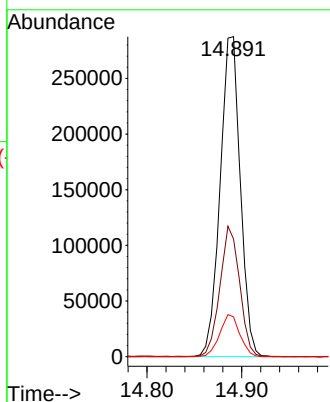
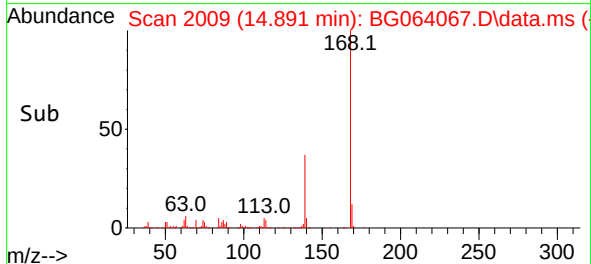
Instrument :  
BNA\_G  
ClientSampleId :  
ENV-105-SB02MSD



Tgt Ion:168 Resp: 425980  
Ion Ratio Lower Upper  
168 100  
139 36.7 31.1 46.7  
169 12.4 10.5 15.7

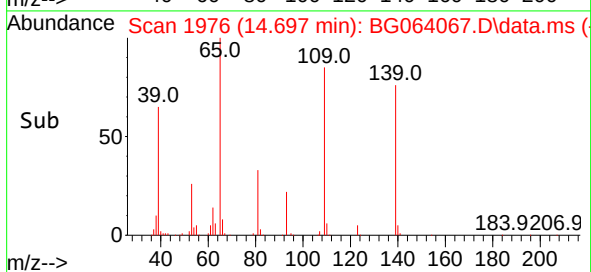
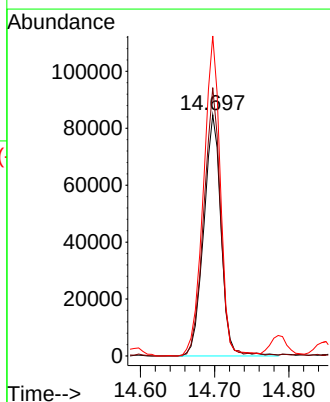
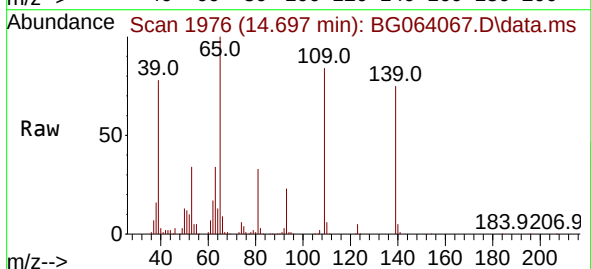
Manual Integrations  
APPROVED

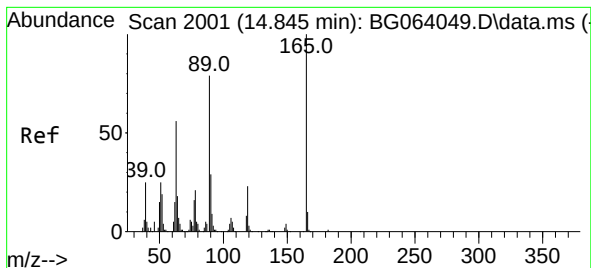
Reviewed By :Anahy Claudio 03/10/2025  
Supervised By :Jagrut Upadhyay 03/10/2025



#56  
4-Nitrophenol  
Concen: 102.041 ng  
RT: 14.697 min Scan# 1976  
Delta R.T. 0.005 min  
Lab File: BG064067.D  
Acq: 7 Mar 2025 20:22

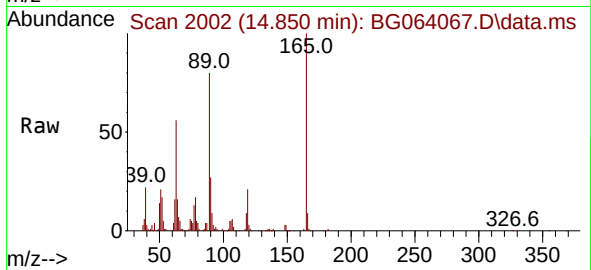
Tgt Ion:139 Resp: 137375  
Ion Ratio Lower Upper  
139 100  
109 111.2 74.9 114.9  
65 132.7 106.8 146.8





#57  
2,4-Dinitrotoluene  
Concen: 45.810 ng  
RT: 14.850 min Scan# 2001  
Delta R.T. 0.005 min  
Lab File: BG064067.D  
Acq: 7 Mar 2025 20:22

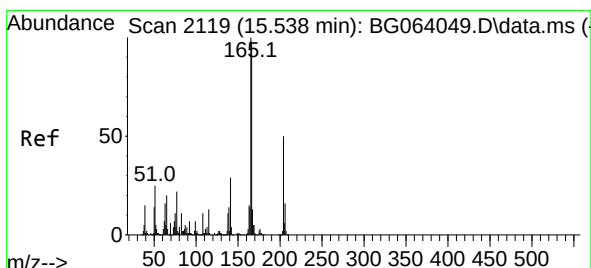
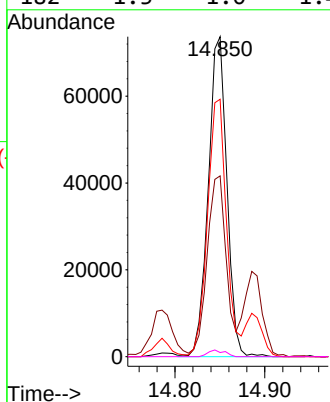
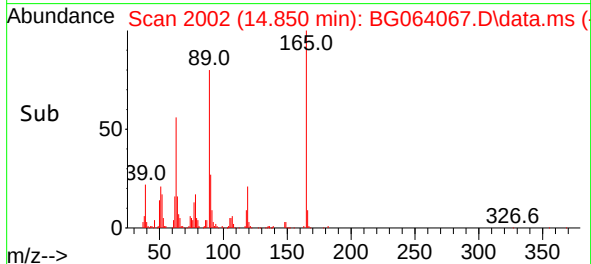
Instrument :  
BNA\_G  
ClientSampleId :  
ENV-105-SB02MSD



Tgt Ion:165 Resp: 106088  
Ion Ratio Lower Upper  
165 100  
63 56.5 45.0 67.6  
89 80.4 63.1 94.7  
182 1.3 1.0 1.4

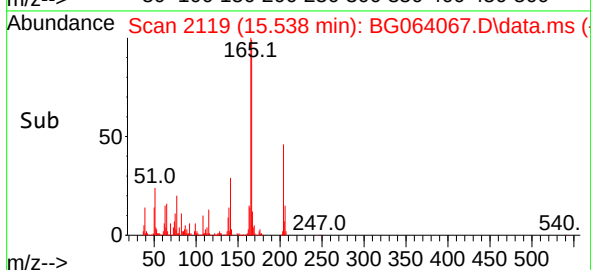
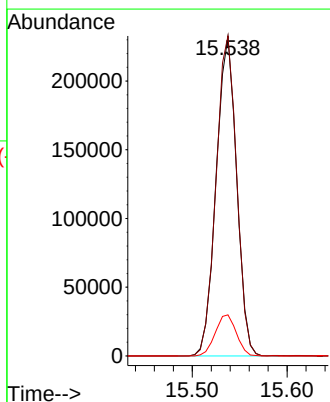
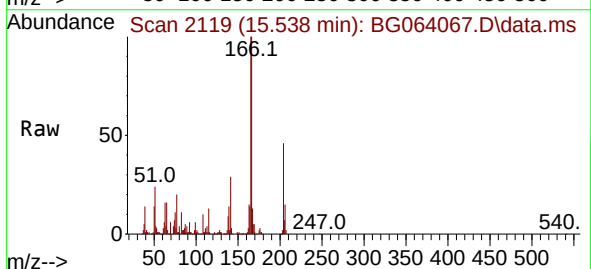
Manual Integrations  
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Reviewed By :Anahy Claudio 03/10/2025  
Supervised By :Jagrut Upadhyay 03/10/2025

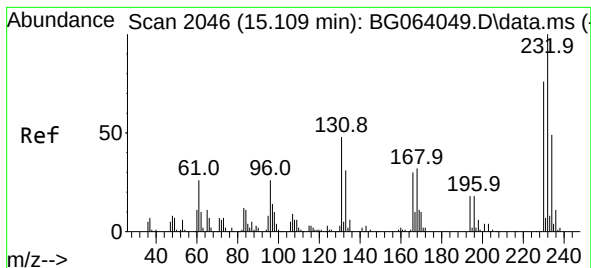


#58  
Fluorene  
Concen: 41.996 ng  
RT: 15.538 min Scan# 2119  
Delta R.T. -0.000 min  
Lab File: BG064067.D  
Acq: 7 Mar 2025 20:22

Tgt Ion:166 Resp: 348722  
Ion Ratio Lower Upper  
166 100  
165 100.2 81.8 122.8  
167 12.9 10.8 16.2

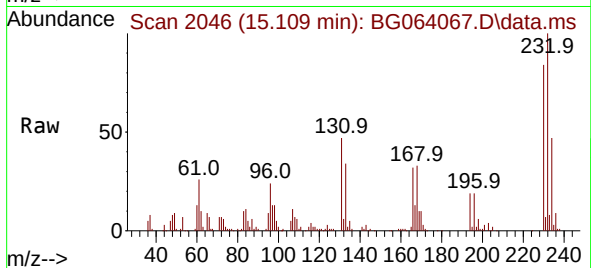






#59  
2,3,4,6-Tetrachlorophenol  
Concen: 47.183 ng  
RT: 15.109 min Scan# 2046  
Delta R.T. -0.000 min  
Lab File: BG064067.D  
Acq: 7 Mar 2025 20:22

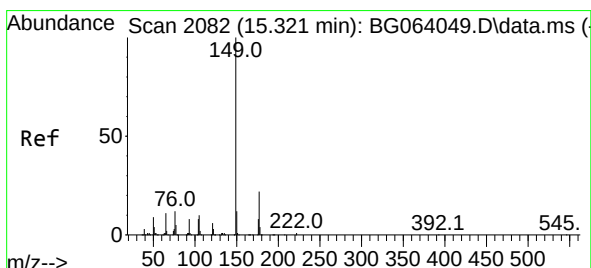
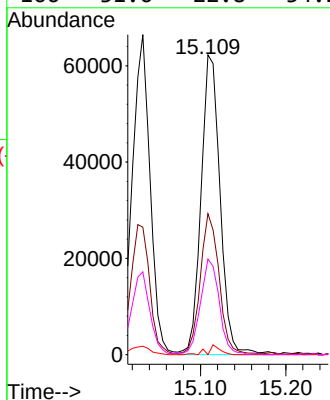
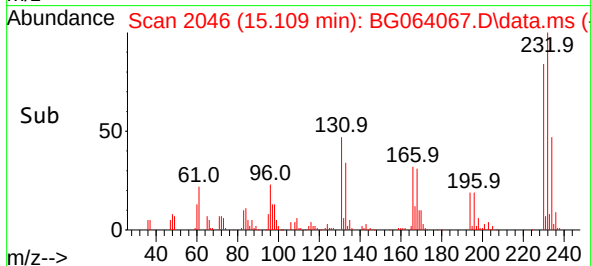
Instrument :  
BNA\_G  
ClientSampleId :  
ENV-105-SB02MSD



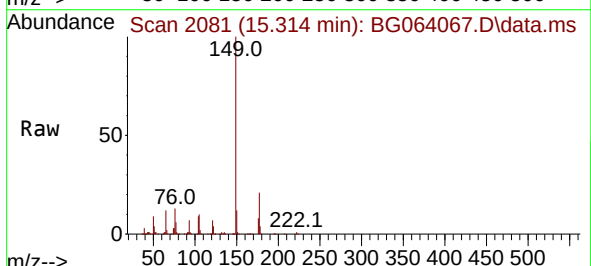
Tgt Ion:232 Resp: 9676  
Ion Ratio Lower Upper  
232 100  
131 45.8 36.3 54.5  
130 2.1 1.9 2.9  
166 31.6 22.8 34.2

Manual Integrations  
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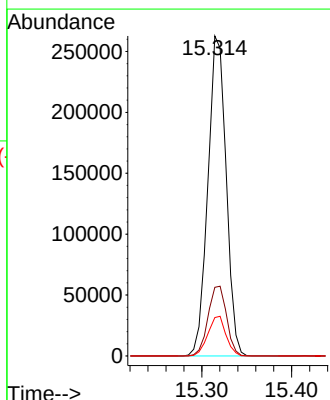
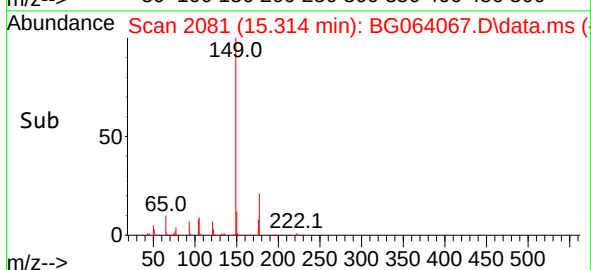
Reviewed By :Anahy Claudio 03/10/2025  
Supervised By :Jagrut Upadhyay 03/10/2025

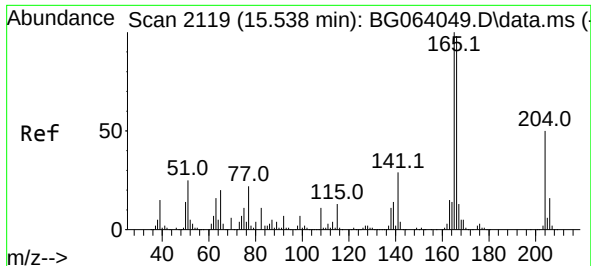


#60  
Diethylphthalate  
Concen: 41.129 ng  
RT: 15.314 min Scan# 2081  
Delta R.T. -0.006 min  
Lab File: BG064067.D  
Acq: 7 Mar 2025 20:22



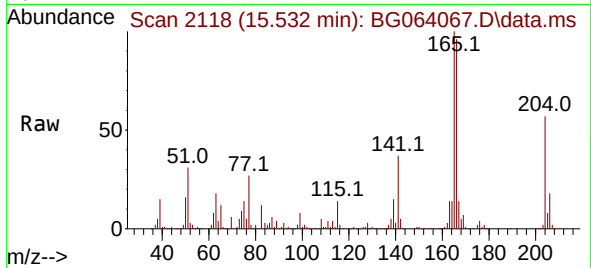
Tgt Ion:149 Resp: 370839  
Ion Ratio Lower Upper  
149 100  
177 21.5 17.4 26.2  
150 12.0 9.4 14.2





#61  
4-Chlorophenyl-phenylether  
Concen: 40.755 ng  
RT: 15.532 min Scan# 2118  
Delta R.T. -0.006 min  
Lab File: BG064067.D  
Acq: 7 Mar 2025 20:22

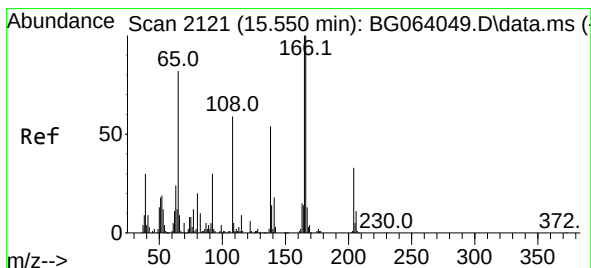
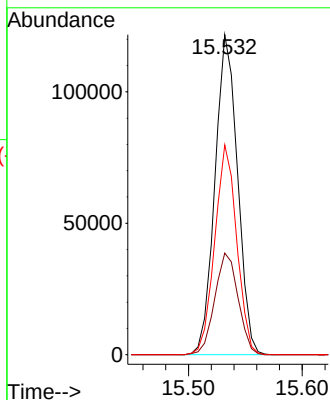
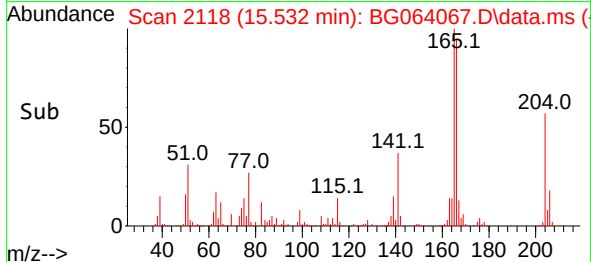
Instrument :  
BNA\_G  
ClientSampleId :  
ENV-105-SB02MSD



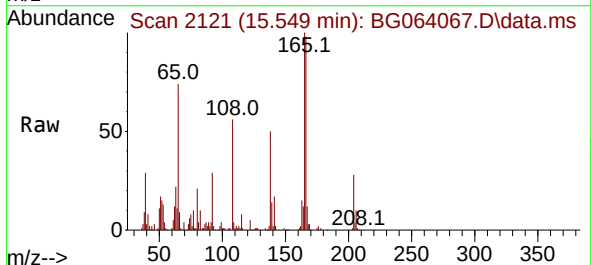
Tgt Ion:204 Resp: 16817  
Ion Ratio Lower Upper  
204 100  
206 31.8 25.5 38.3  
141 65.5 45.4 68.0

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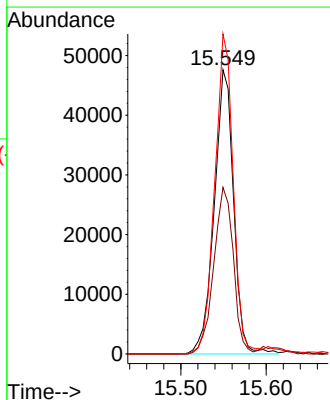
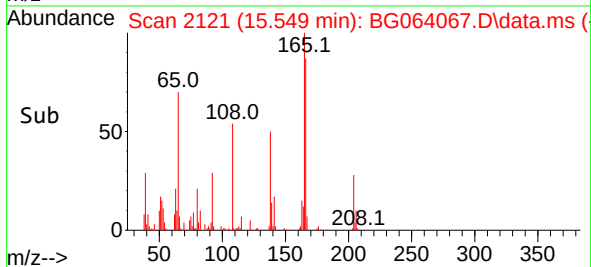
Reviewed By :Anahy Claudio 03/10/2025  
Supervised By :Jagrut Upadhyay 03/10/2025

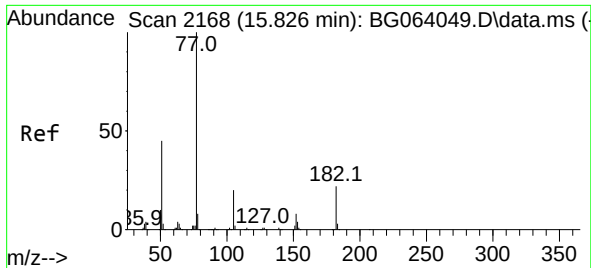


#62  
4-Nitroaniline  
Concen: 43.369 ng  
RT: 15.549 min Scan# 2121  
Delta R.T. -0.000 min  
Lab File: BG064067.D  
Acq: 7 Mar 2025 20:22



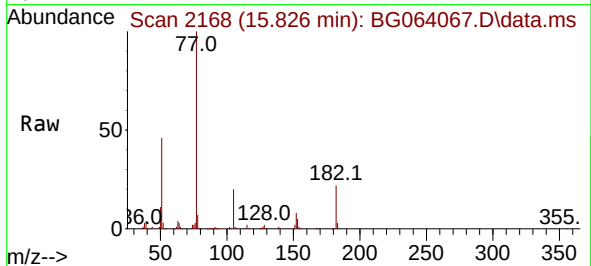
Tgt Ion:138 Resp: 75161  
Ion Ratio Lower Upper  
138 100  
92 58.6 36.1 76.1  
108 112.6 87.9 127.9





#63  
Azobenzene  
Concen: 43.962 ng  
RT: 15.826 min Scan# 2168  
Delta R.T. -0.000 min  
Lab File: BG064067.D  
Acq: 7 Mar 2025 20:22

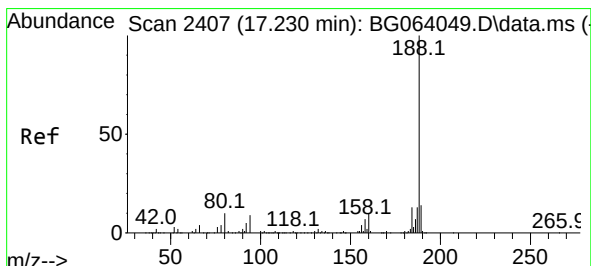
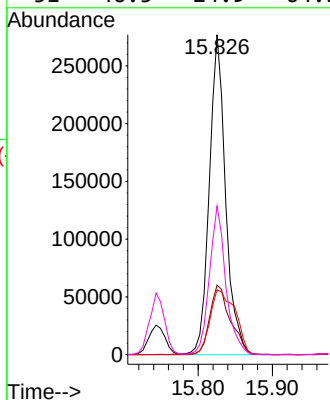
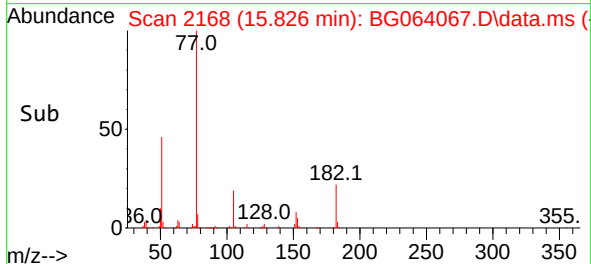
Instrument :  
BNA\_G  
ClientSampleId :  
ENV-105-SB02MSD



Tgt Ion: 77 Resp: 422978  
Ion Ratio Lower Upper  
77 100  
182 21.8 2.4 42.4  
105 20.3 0.0 40.0  
51 46.5 24.9 64.9

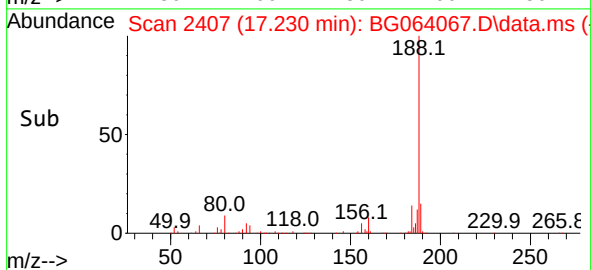
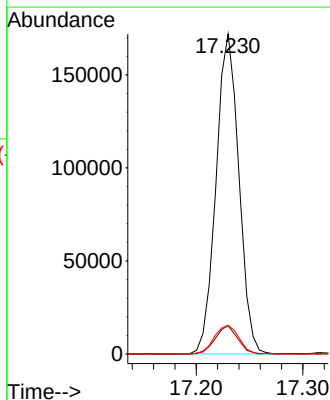
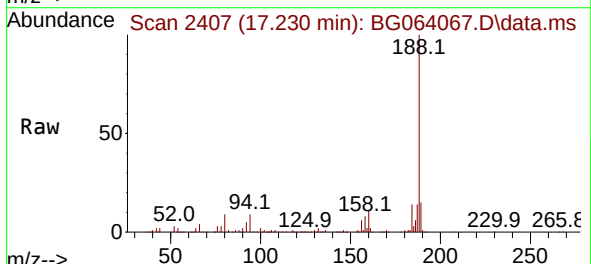
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APPROVED

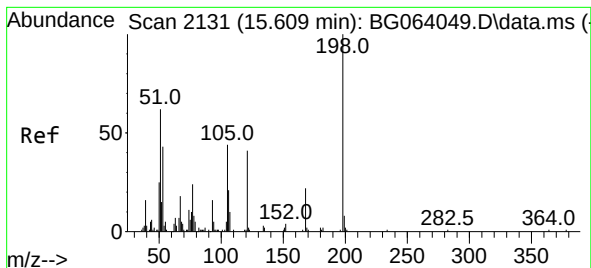
Reviewed By :Anahy Claudio 03/10/2025  
Supervised By :Jagrut Upadhyay 03/10/2025



#64  
Phenanthrene-d10  
Concen: 20.000 ng  
RT: 17.230 min Scan# 2407  
Delta R.T. -0.000 min  
Lab File: BG064067.D  
Acq: 7 Mar 2025 20:22

Tgt Ion:188 Resp: 255500  
Ion Ratio Lower Upper  
188 100  
94 8.8 6.9 10.3  
80 9.0 8.1 12.1





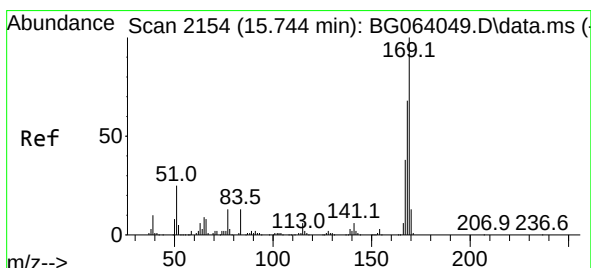
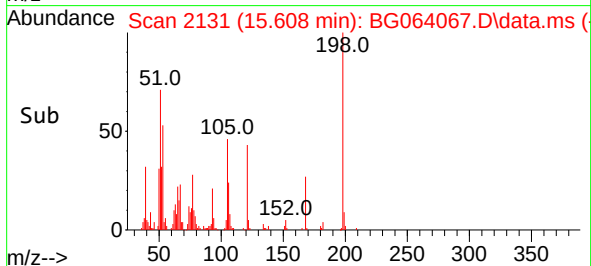
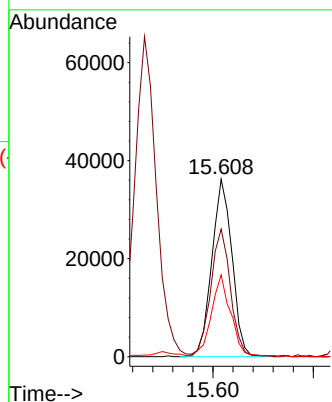
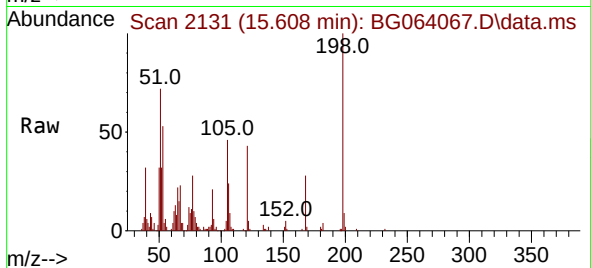
#65  
4,6-Dinitro-2-methylphenol  
Concen: 46.146 ng  
RT: 15.608 min Scan# 2131  
Delta R.T. -0.001 min  
Lab File: BG064067.D  
Acq: 7 Mar 2025 20:22

Instrument :  
BNA\_G  
ClientSampleId :  
ENV-105-SB02MSD

Tgt Ion:198 Resp: 50514  
Ion Ratio Lower Upper  
198 100  
51 71.9 45.6 85.6  
105 46.1 25.3 65.3

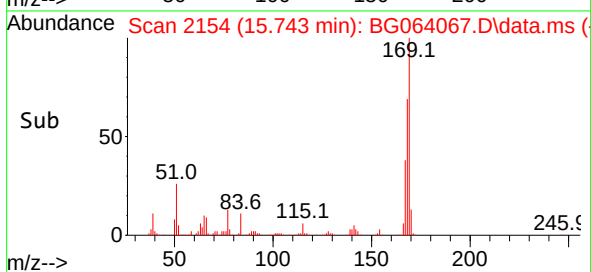
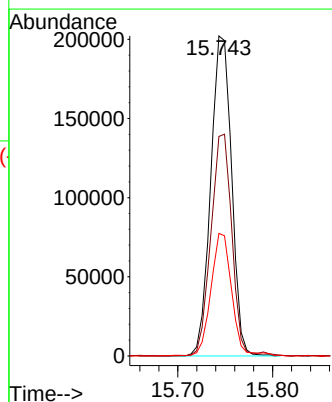
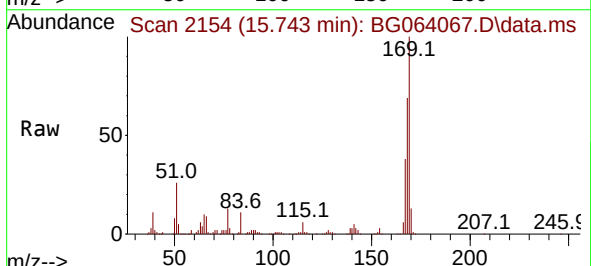
Manual Integrations  
APPROVED

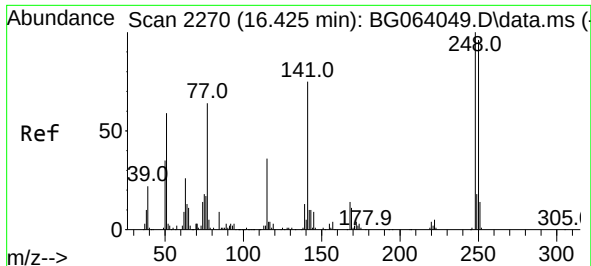
Reviewed By :Anahy Claudio 03/10/2025  
Supervised By :Jagrut Upadhyay 03/10/2025



#66  
n-Nitrosodiphenylamine  
Concen: 42.632 ng  
RT: 15.743 min Scan# 2154  
Delta R.T. -0.000 min  
Lab File: BG064067.D  
Acq: 7 Mar 2025 20:22

Tgt Ion:169 Resp: 308325  
Ion Ratio Lower Upper  
169 100  
168 68.6 54.1 81.1  
167 38.3 30.3 45.5





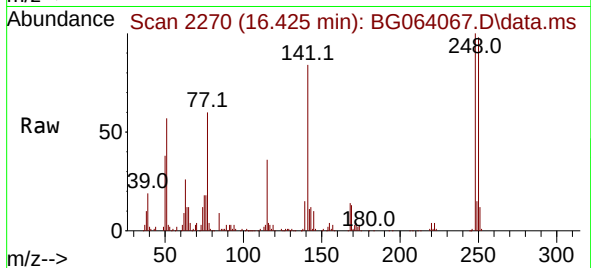
#67  
4-Bromophenyl-phenylether  
Concen: 43.241 ng  
RT: 16.425 min Scan# 2115  
Delta R.T. -0.000 min  
Lab File: BG064067.D  
Acq: 7 Mar 2025 20:22

Instrument :

BNA\_G

ClientSampleId :

ENV-105-SB02MSD

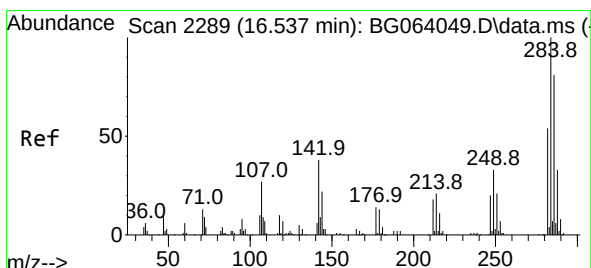
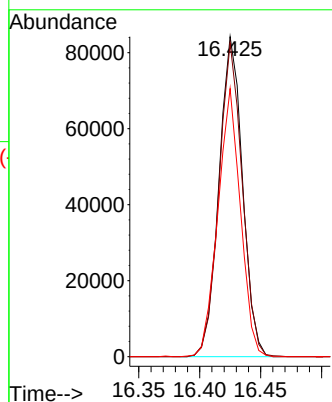
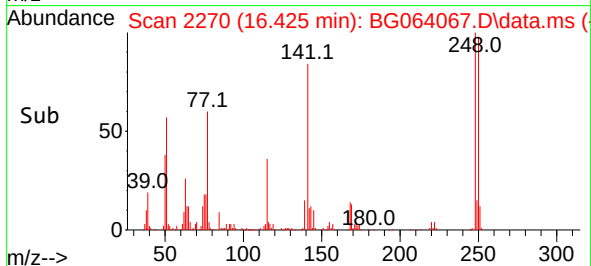


Tgt Ion:248 Resp: 11315  
Ion Ratio Lower Upper  
248 100  
250 98.1 77.1 115.7  
141 83.8 59.8 89.8

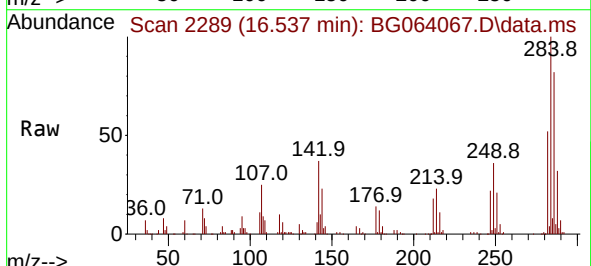
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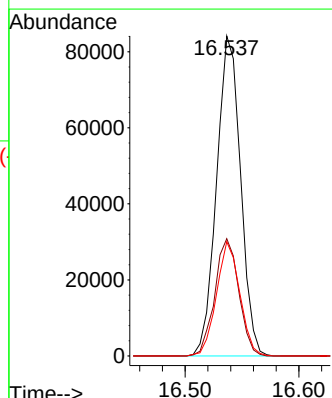
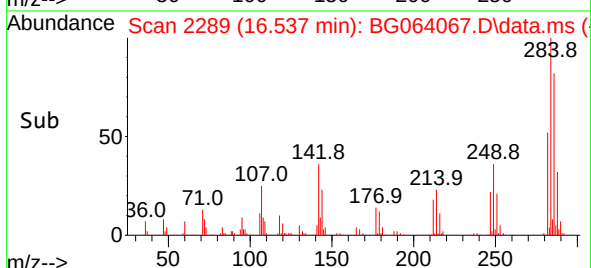
Reviewed By :Anahy Claudio 03/10/2025  
Supervised By :Jagrut Upadhyay 03/10/2025

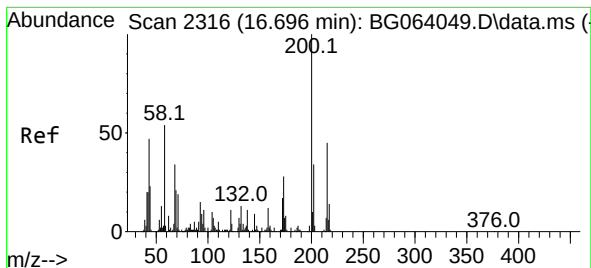


#68  
Hexachlorobenzene  
Concen: 42.108 ng  
RT: 16.537 min Scan# 2289  
Delta R.T. -0.000 min  
Lab File: BG064067.D  
Acq: 7 Mar 2025 20:22



Tgt Ion:284 Resp: 123360  
Ion Ratio Lower Upper  
284 100  
142 36.7 30.6 45.8  
249 35.7 26.6 39.8





#69

Atrazine

Concen: 63.668 ng

RT: 16.695 min Scan# 21

Delta R.T. -0.001 min

Lab File: BG064067.D

Acq: 7 Mar 2025 20:22

Instrument :

BNA\_G

ClientSampleId :

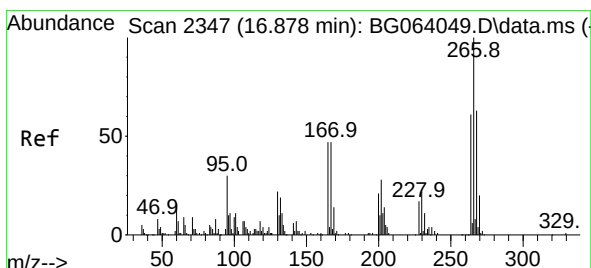
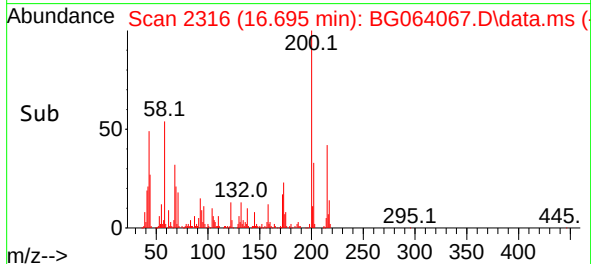
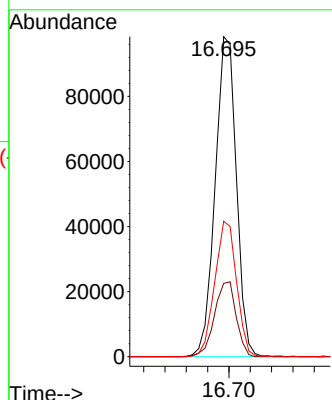
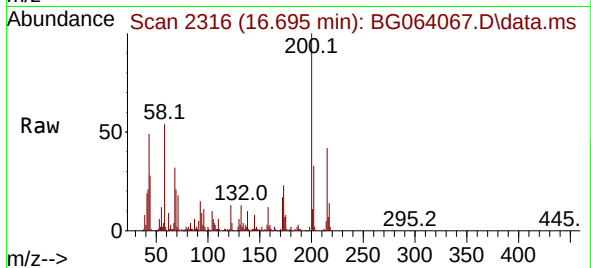
ENV-105-SB02MSD

Tgt Ion:200 Resp: 13548  
 Ion Ratio Lower Upper  
 200 100  
 173 22.9 8.2 48.2  
 215 42.4 25.5 65.5

Manual Integrations

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 Supervised By :Jagrut Upadhyay 03/10/2025



#70

Pentachlorophenol

Concen: 91.815 ng

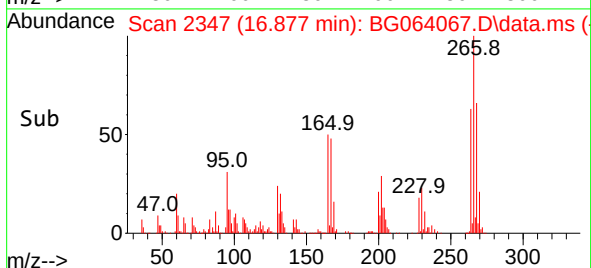
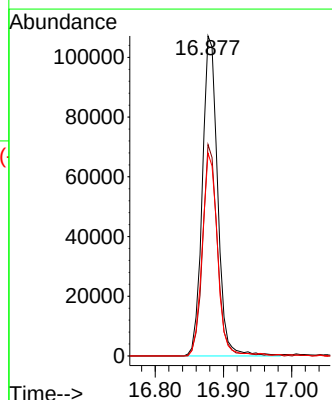
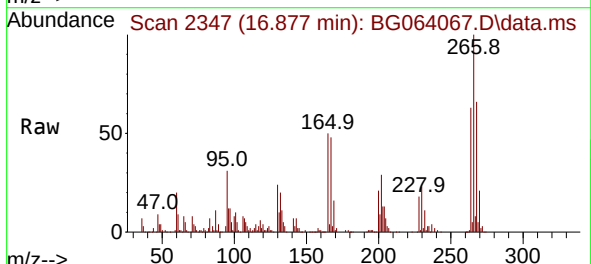
RT: 16.877 min Scan# 2347

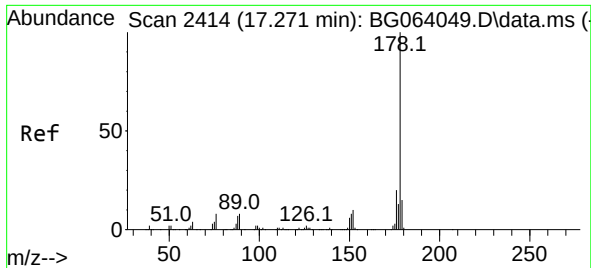
Delta R.T. -0.001 min

Lab File: BG064067.D

Acq: 7 Mar 2025 20:22

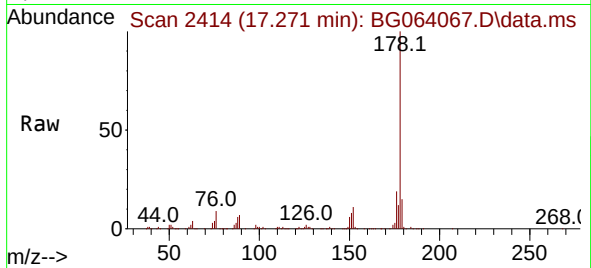
Tgt Ion:266 Resp: 167008  
 Ion Ratio Lower Upper  
 266 100  
 268 66.0 50.2 75.4  
 264 63.4 48.9 73.3





#71  
Phenanthrene  
Concen: 43.344 ng  
RT: 17.271 min Scan# 2414  
Delta R.T. -0.000 min  
Lab File: BG064067.D  
Acq: 7 Mar 2025 20:22

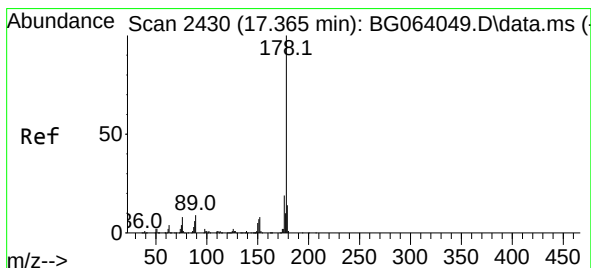
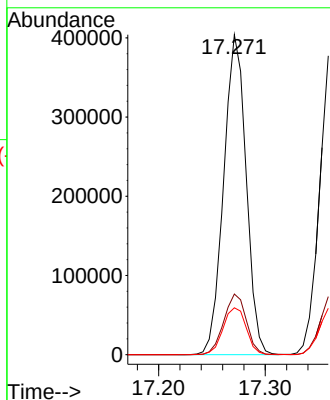
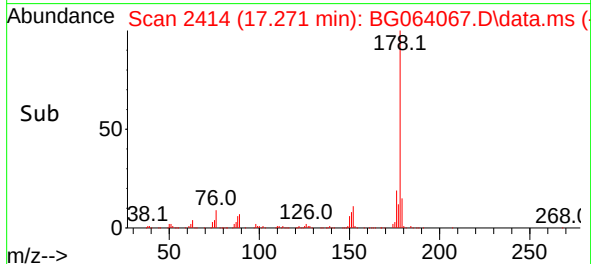
Instrument :  
BNA\_G  
ClientSampleId :  
ENV-105-SB02MSD



Tgt Ion:178 Resp: 590680  
Ion Ratio Lower Upper  
178 100  
176 19.0 15.9 23.9  
179 14.6 12.2 18.2

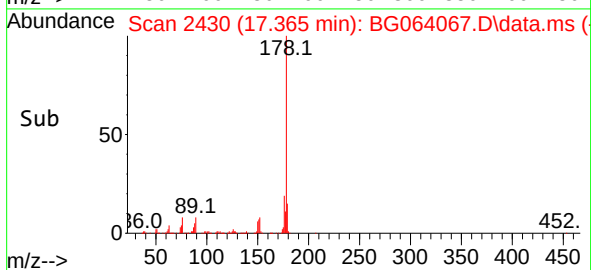
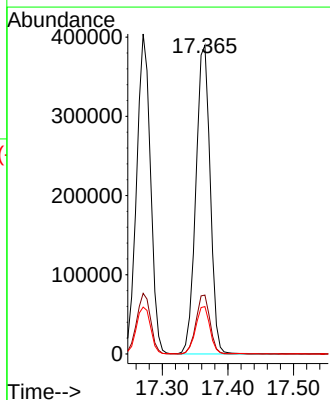
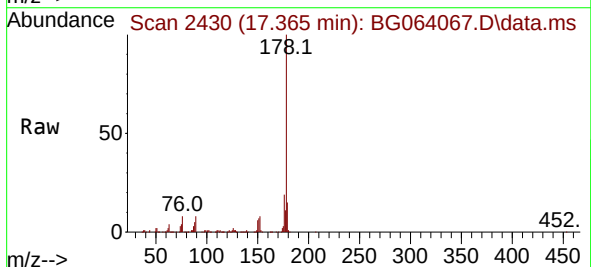
Manual Integrations  
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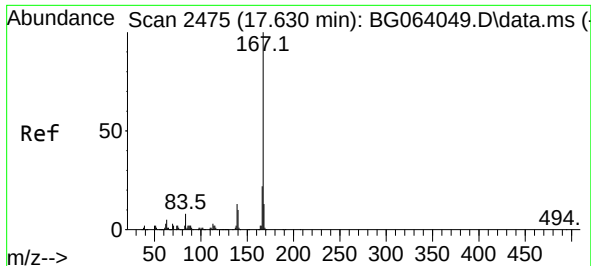
Reviewed By :Anahy Claudio 03/10/2025  
Supervised By :Jagrut Upadhyay 03/10/2025



#72  
Anthracene  
Concen: 43.657 ng  
RT: 17.365 min Scan# 2430  
Delta R.T. -0.000 min  
Lab File: BG064067.D  
Acq: 7 Mar 2025 20:22

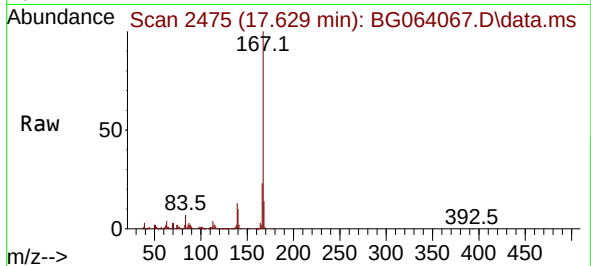
Tgt Ion:178 Resp: 591592  
Ion Ratio Lower Upper  
178 100  
176 19.1 14.8 22.2  
179 15.3 11.5 17.3





#73  
 Carbazole  
 Concen: 42.190 ng  
 RT: 17.629 min Scan# 2475  
 Delta R.T. -0.000 min  
 Lab File: BG064067.D  
 Acq: 7 Mar 2025 20:22

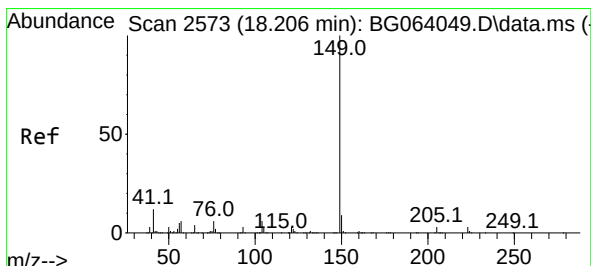
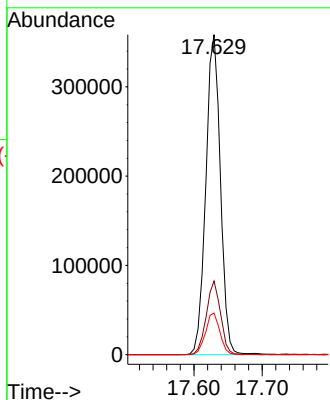
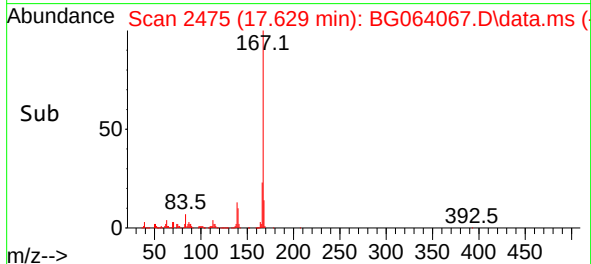
Instrument :  
 BNA\_G  
 ClientSampleId :  
 ENV-105-SB02MSD



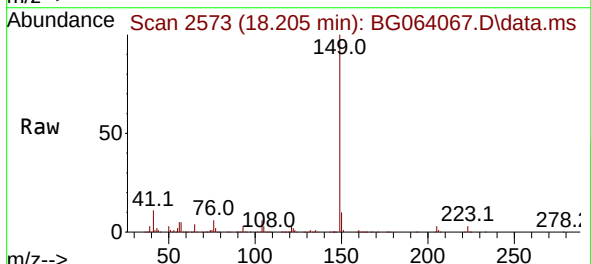
Tgt Ion:167 Resp: 533785  
 Ion Ratio Lower Upper  
 167 100  
 166 23.0 18.0 27.0  
 139 13.0 10.6 15.8

Manual Integrations  
 APPROVED

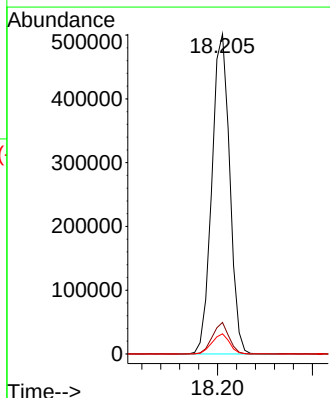
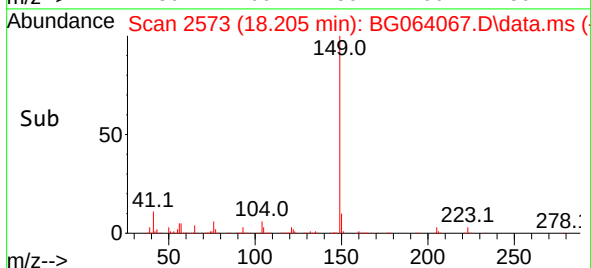
Reviewed By :Anahy Claudio 03/10/2025  
 Supervised By :Jagrut Upadhyay 03/10/2025



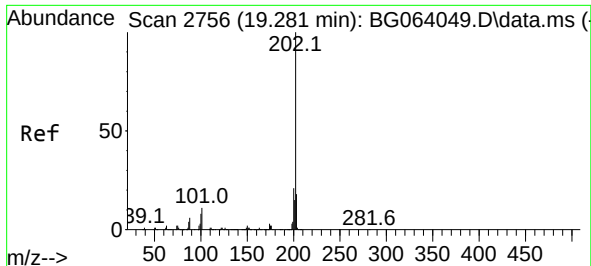
#74  
 Di-n-butylphthalate  
 Concen: 43.906 ng  
 RT: 18.205 min Scan# 2573  
 Delta R.T. -0.000 min  
 Lab File: BG064067.D  
 Acq: 7 Mar 2025 20:22



Tgt Ion:149 Resp: 653880  
 Ion Ratio Lower Upper  
 149 100  
 150 9.8 7.4 11.0  
 104 6.3 5.0 7.6







#75  
Fluoranthene  
Concen: 41.851 ng  
RT: 19.280 min Scan# 21  
Delta R.T. -0.000 min  
Lab File: BG064067.D  
Acq: 7 Mar 2025 20:22

Instrument :

BNA\_G

ClientSampleId :

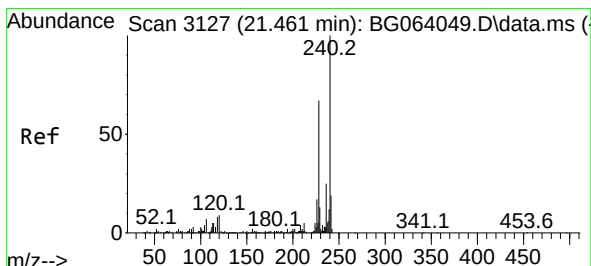
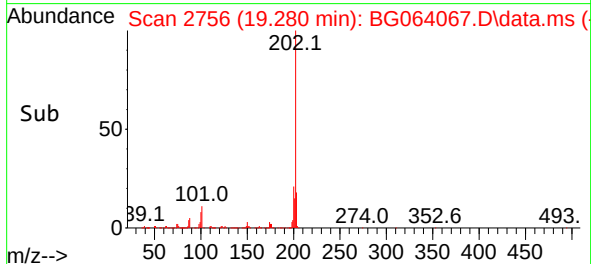
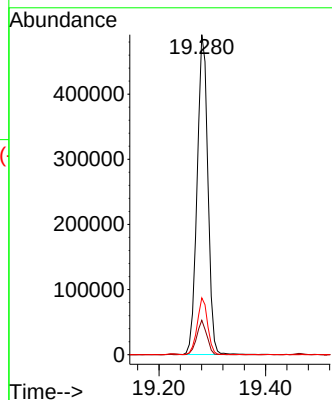
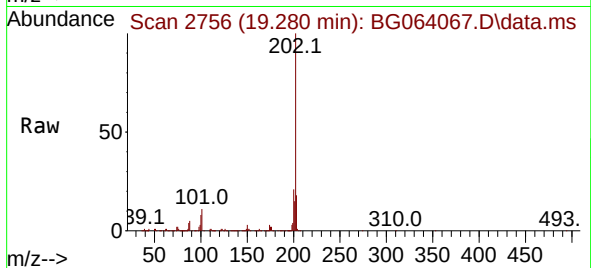
ENV-105-SB02MSD

Tgt Ion:202 Resp: 687578  
Ion Ratio Lower Upper  
202 100  
101 10.8 0.0 30.5  
203 17.8 0.0 38.3

Manual Integrations

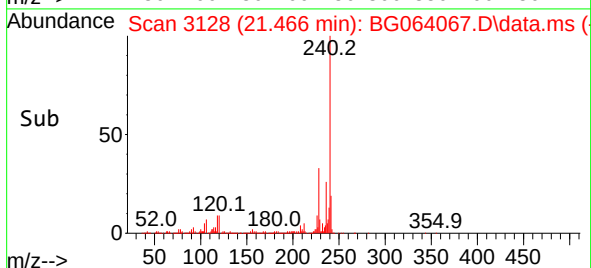
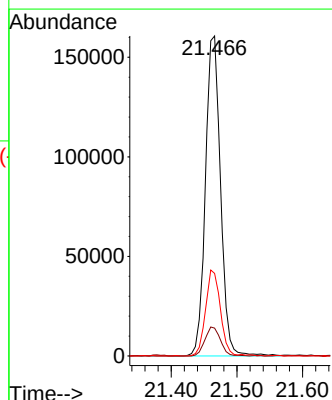
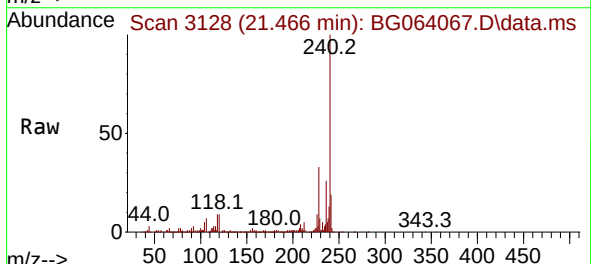
APPROVED

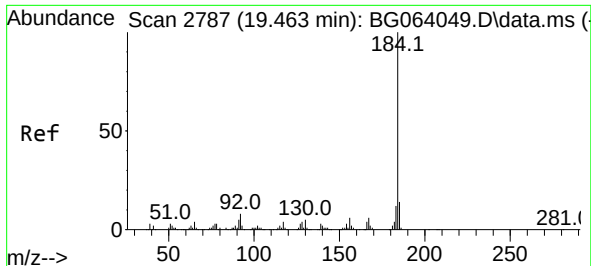
Reviewed By :Anahy Claudio 03/10/2025  
Supervised By :Jagrut Upadhyay 03/10/2025



#76  
Chrysene-d12  
Concen: 20.000 ng  
RT: 21.466 min Scan# 3128  
Delta R.T. 0.006 min  
Lab File: BG064067.D  
Acq: 7 Mar 2025 20:22

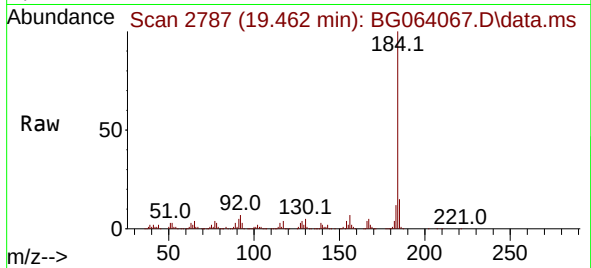
Tgt Ion:240 Resp: 257819  
Ion Ratio Lower Upper  
240 100  
120 8.7 7.2 10.8  
236 25.8 20.2 30.2





#77  
Benzidine  
Concen: 67.474 ng  
RT: 19.462 min Scan# 21  
Delta R.T. -0.001 min  
Lab File: BG064067.D  
Acq: 7 Mar 2025 20:22

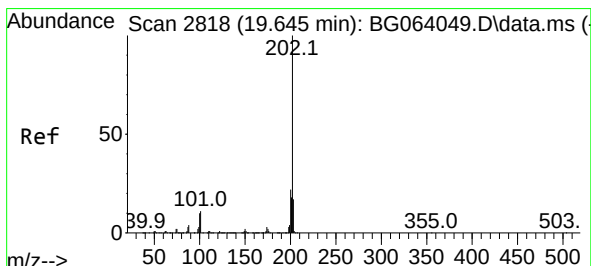
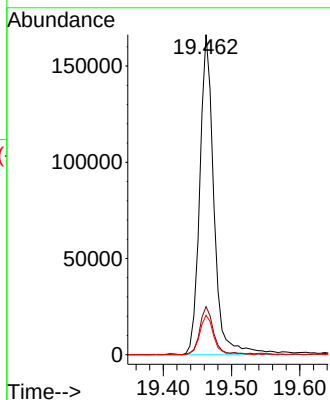
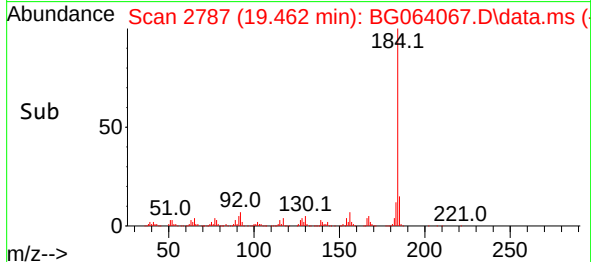
Instrument :  
BNA\_G  
ClientSampleId :  
ENV-105-SB02MSD



Tgt Ion:184 Resp: 24088  
Ion Ratio Lower Upper  
184 100  
185 15.0 11.3 16.9  
183 12.3 9.5 14.3

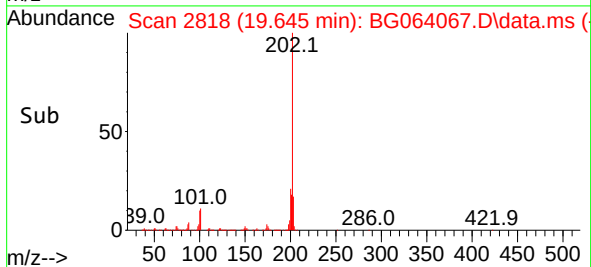
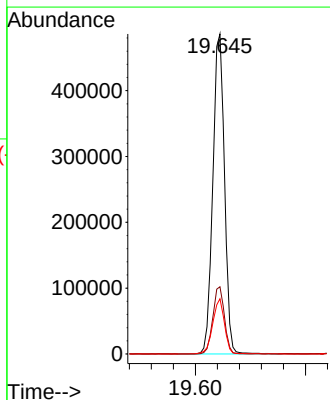
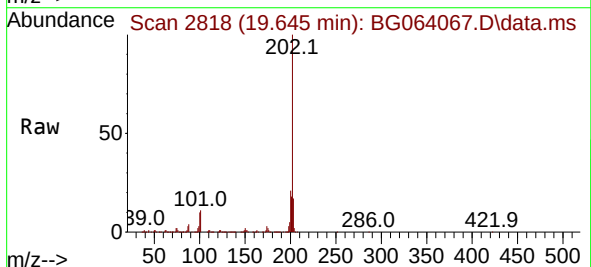
Manual Integrations  
APPROVED

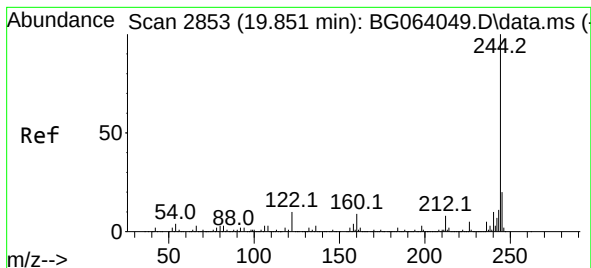
Reviewed By :Anahy Claudio 03/10/2025  
Supervised By :Jagrut Upadhyay 03/10/2025



#78  
Pyrene  
Concen: 43.141 ng  
RT: 19.645 min Scan# 2818  
Delta R.T. -0.000 min  
Lab File: BG064067.D  
Acq: 7 Mar 2025 20:22

Tgt Ion:202 Resp: 716988  
Ion Ratio Lower Upper  
202 100  
200 21.0 17.3 25.9  
203 17.3 13.6 20.4





#79

Terphenyl-d14

Concen: 55.917 ng

RT: 19.850 min Scan# 2853

Delta R.T. -0.000 min

Lab File: BG064067.D

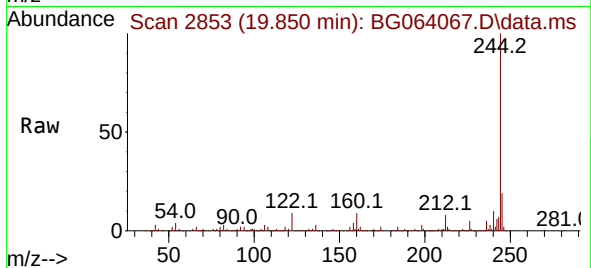
Acq: 7 Mar 2025 20:22

Instrument :

BNA\_G

ClientSampleId :

ENV-105-SB02MSD



Tgt Ion:244 Resp: 712984

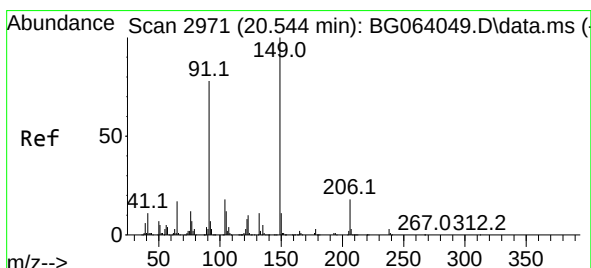
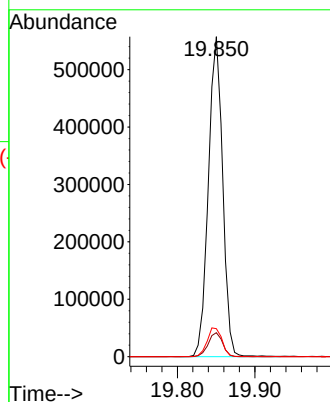
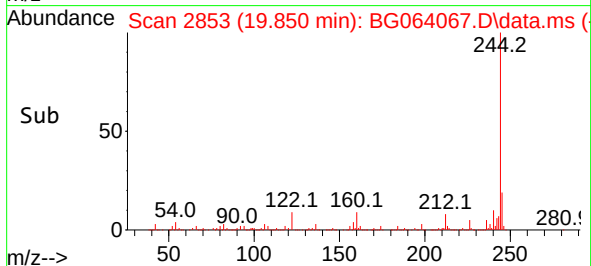
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 244 | 100   |       |       |
| 212 | 7.5   | 6.2   | 9.4   |
| 122 | 8.7   | 8.0   | 12.0  |

Manual Integrations

APPROVED

Reviewed By :Anahy Claudio 03/10/2025

Supervised By :Jagrut Upadhyay 03/10/2025



#80

Butylbenzylphthalate

Concen: 46.392 ng

RT: 20.544 min Scan# 2971

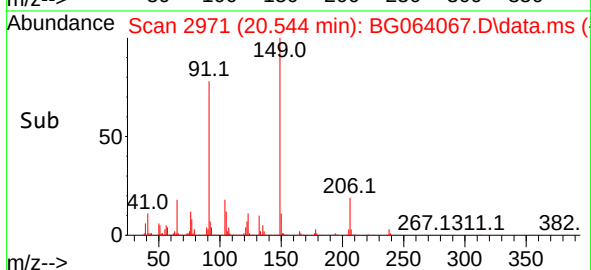
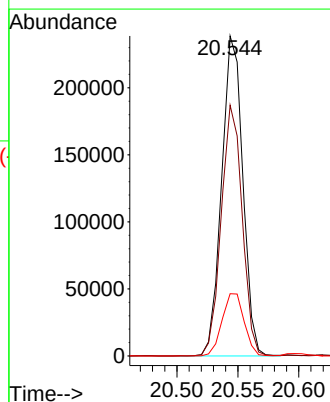
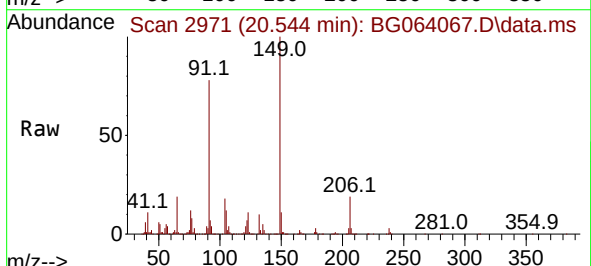
Delta R.T. -0.000 min

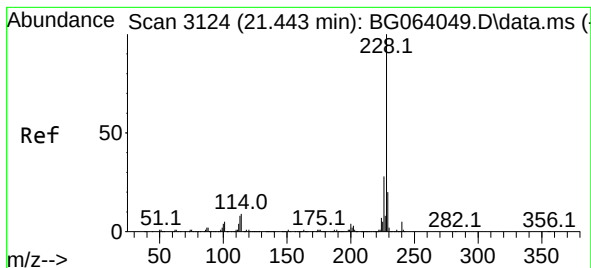
Lab File: BG064067.D

Acq: 7 Mar 2025 20:22

Tgt Ion:149 Resp: 288496

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 149 | 100   |       |       |
| 91  | 78.3  | 62.0  | 93.0  |
| 206 | 19.4  | 14.6  | 21.8  |





#81

Benzo(a)anthracene

Concen: 43.051 ng

RT: 21.442 min Scan# 3124

Delta R.T. -0.000 min

Lab File: BG064067.D

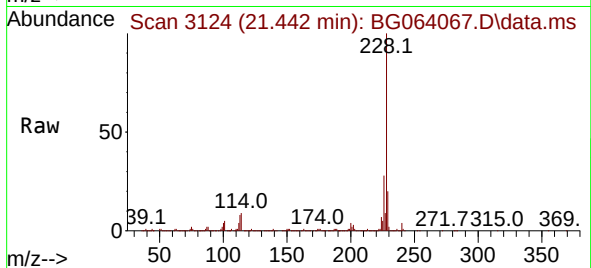
Acq: 7 Mar 2025 20:22

Instrument :

BNA\_G

ClientSampleId :

ENV-105-SB02MSD



Tgt Ion:228 Resp: 710986

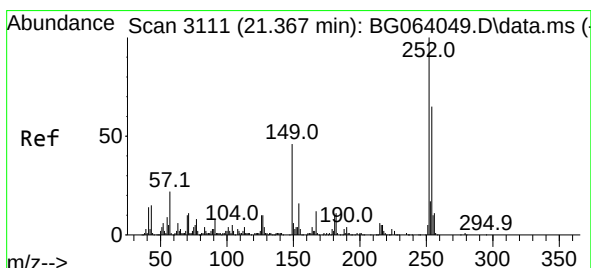
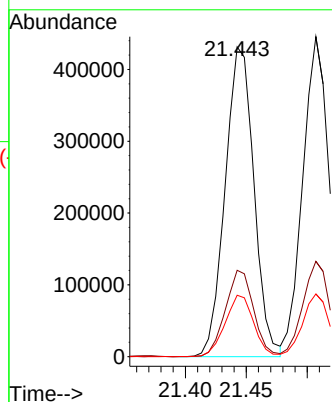
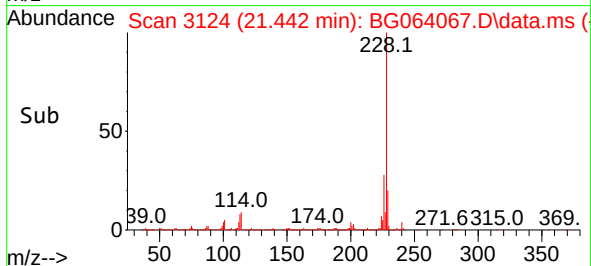
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 228 | 100   |       |       |
| 226 | 27.9  | 22.2  | 33.2  |
| 229 | 19.9  | 16.4  | 24.6  |

Manual Integrations

APPROVED

Reviewed By :Anahy Claudio 03/10/2025

Supervised By :Jagrut Upadhyay 03/10/2025



#82

3,3'-Dichlorobenzidine

Concen: 20.311 ng

RT: 21.366 min Scan# 3111

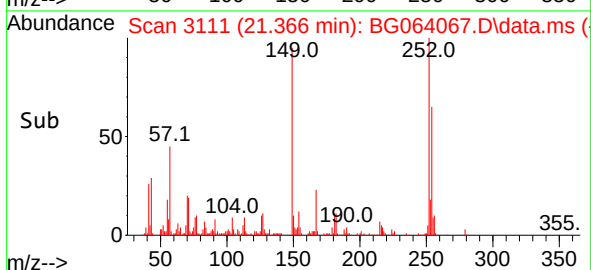
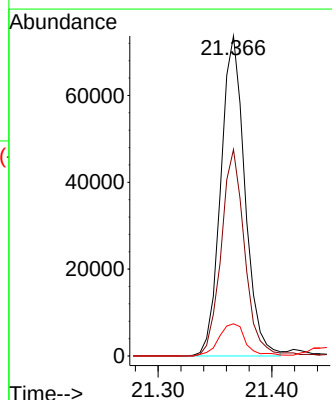
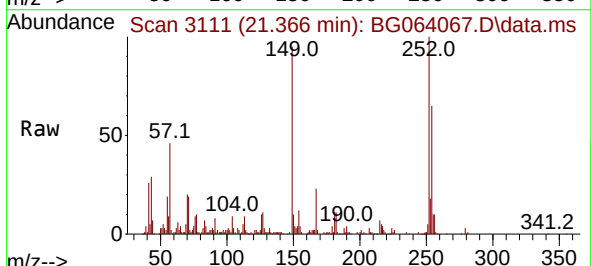
Delta R.T. -0.000 min

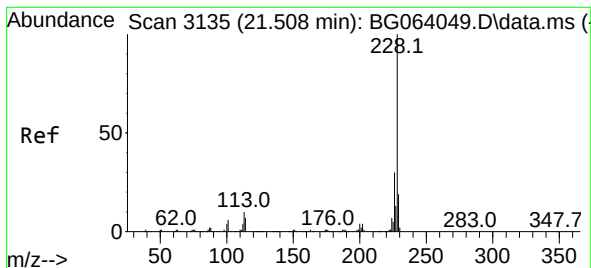
Lab File: BG064067.D

Acq: 7 Mar 2025 20:22

Tgt Ion:252 Resp: 108561

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 252 | 100   |       |       |
| 254 | 64.5  | 52.1  | 78.1  |
| 126 | 10.1  | 7.8   | 11.8  |





#83

Chrysene

Concen: 41.321 ng

RT: 21.507 min Scan# 3135

Delta R.T. -0.000 min

Lab File: BG064067.D

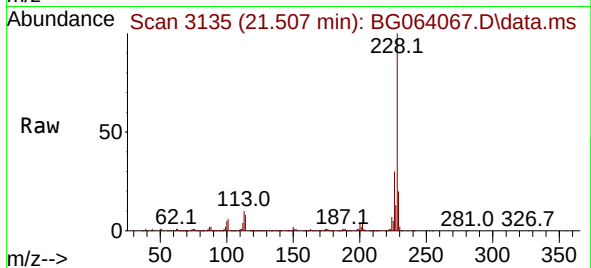
Acq: 7 Mar 2025 20:22

Instrument :

BNA\_G

ClientSampleId :

ENV-105-SB02MSD

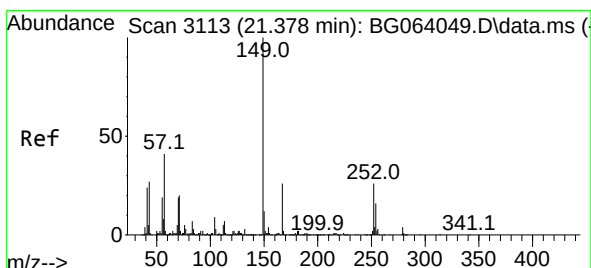
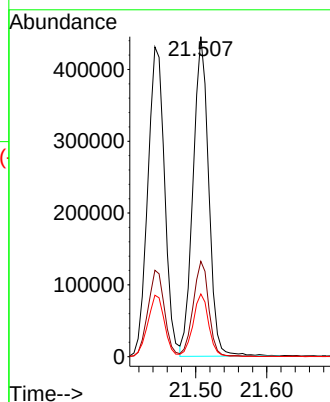
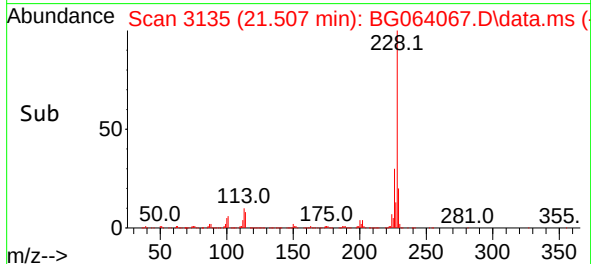


Tgt Ion:228 Resp: 680629

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 228 | 100   |       |       |
| 226 | 29.8  | 23.9  | 35.9  |
| 229 | 19.6  | 15.3  | 22.9  |

Manual Integrations  
APPROVED

Reviewed By :Anahy Claudio 03/10/2025  
Supervised By :Jagrut Upadhyay 03/10/2025



#84

Bis(2-ethylhexyl)phthalate

Concen: 48.893 ng

RT: 21.384 min Scan# 3114

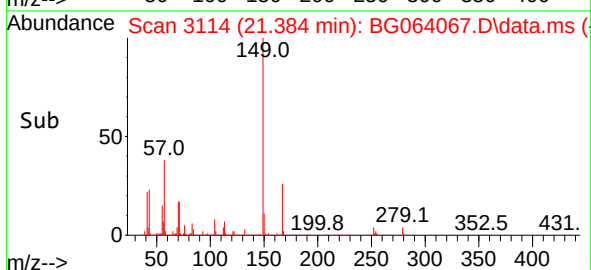
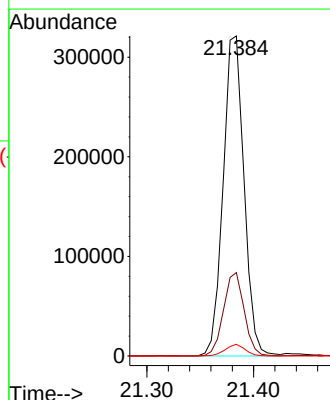
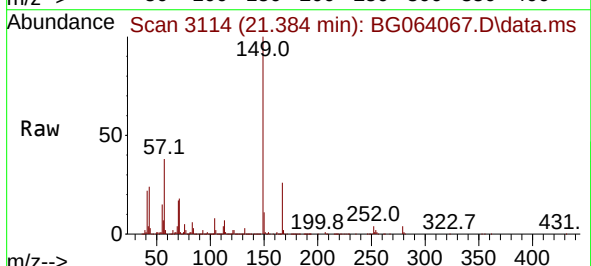
Delta R.T. 0.005 min

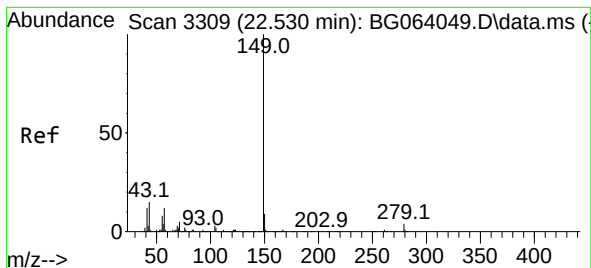
Lab File: BG064067.D

Acq: 7 Mar 2025 20:22

Tgt Ion:149 Resp: 436698

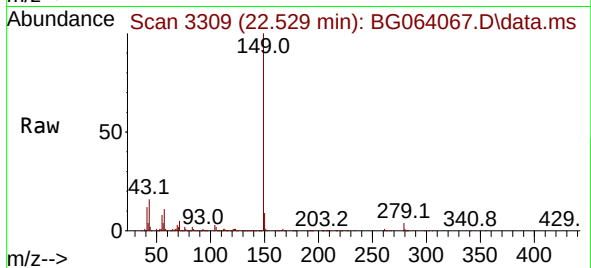
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 149 | 100   |       |       |
| 167 | 26.1  | 21.0  | 31.6  |
| 279 | 3.7   | 2.8   | 4.2   |





#85  
Di-n-octyl phthalate  
Concen: 48.315 ng  
RT: 22.529 min Scan# 3309  
Delta R.T. -0.001 min  
Lab File: BG064067.D  
Acq: 7 Mar 2025 20:22

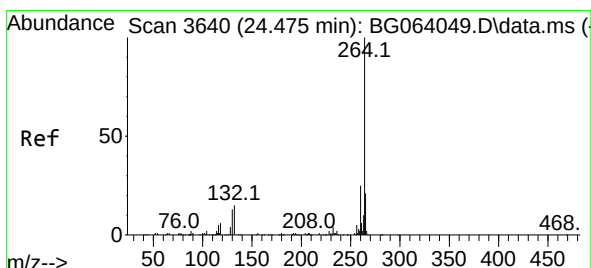
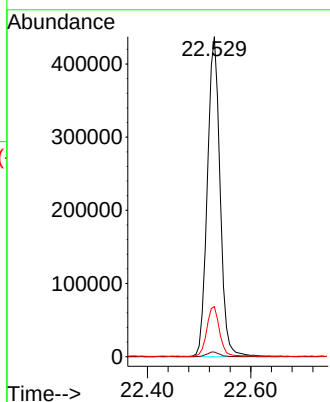
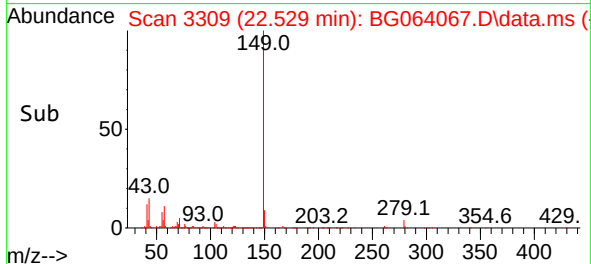
Instrument :  
BNA\_G  
ClientSampleId :  
ENV-105-SB02MSD



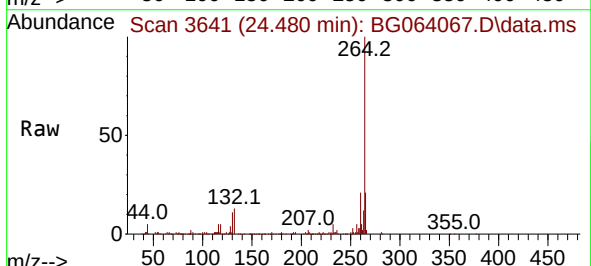
Tgt Ion:149 Resp: 744329  
Ion Ratio Lower Upper  
149 100  
167 1.5 1.2 1.8  
43 15.7 12.6 19.0

Manual Integrations  
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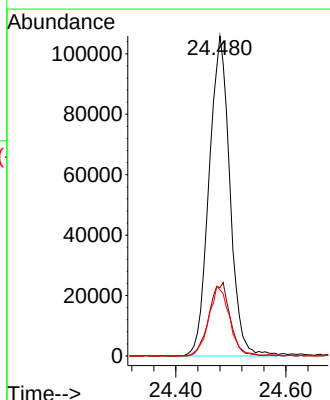
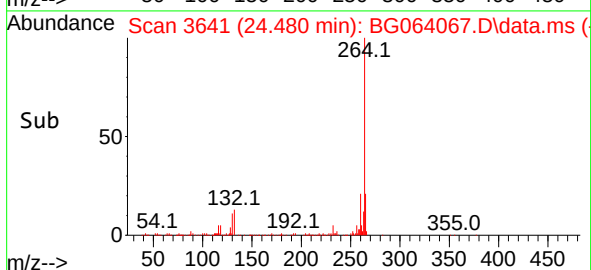
Reviewed By :Anahy Claudio 03/10/2025  
Supervised By :Jagrut Upadhyay 03/10/2025

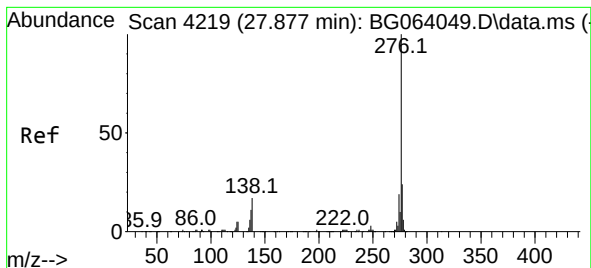


#86  
Perylene-d12  
Concen: 20.000 ng  
RT: 24.480 min Scan# 3641  
Delta R.T. 0.005 min  
Lab File: BG064067.D  
Acq: 7 Mar 2025 20:22



Tgt Ion:264 Resp: 278096  
Ion Ratio Lower Upper  
264 100  
260 21.4 19.6 29.4  
265 20.7 16.6 25.0





#87

Indeno(1,2,3-cd)pyrene

Concen: 44.512 ng

RT: 27.888 min Scan# 41

Delta R.T. 0.011 min

Lab File: BG064067.D

Acq: 7 Mar 2025 20:22

Instrument :

BNA\_G

ClientSampleId :

ENV-105-SB02MSD

Tgt Ion:276 Resp: 828228

Ion Ratio Lower Upper

276 100

138 8.0 12.1 18.1

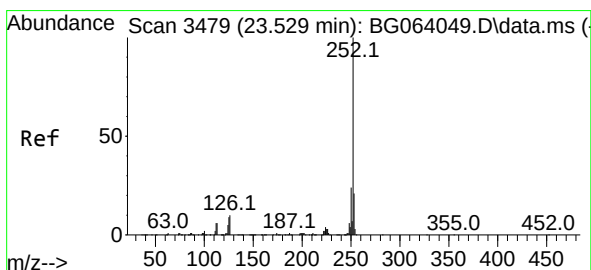
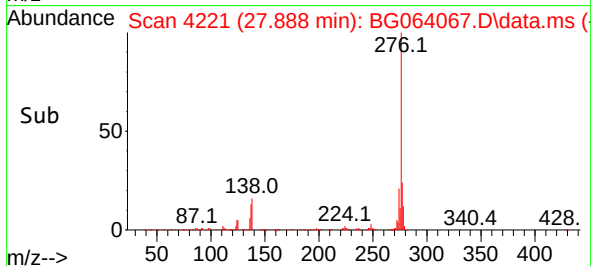
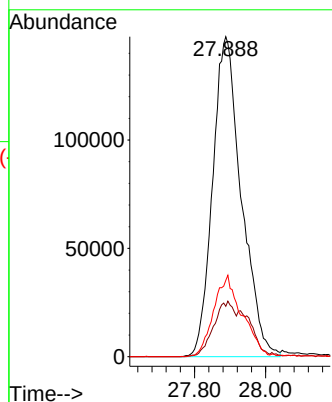
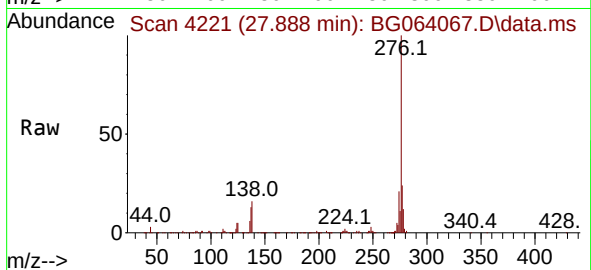
277 25.1 20.0 30.0

Manual Integrations

APPROVED

Reviewed By :Anahy Claudio 03/10/2025

Supervised By :Jagrut Upadhyay 03/10/2025



#88

Benzo(b)fluoranthene

Concen: 41.335 ng

RT: 23.534 min Scan# 3480

Delta R.T. 0.005 min

Lab File: BG064067.D

Acq: 7 Mar 2025 20:22

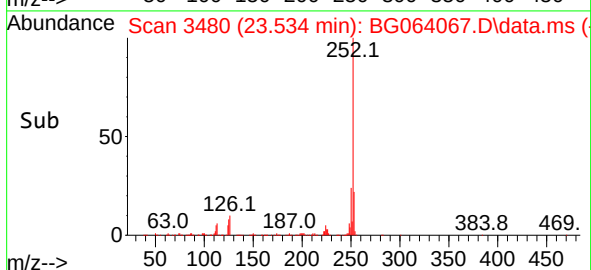
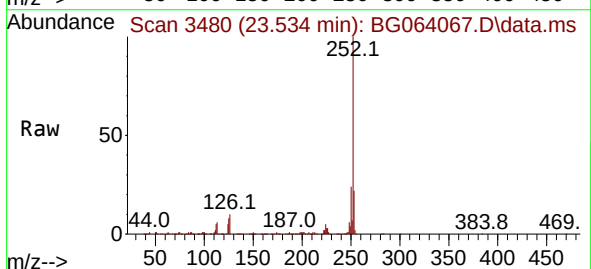
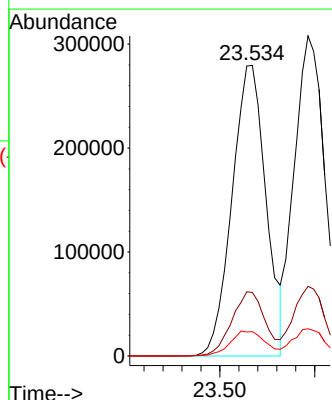
Tgt Ion:252 Resp: 694923

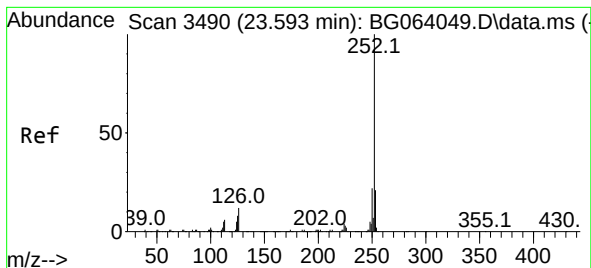
Ion Ratio Lower Upper

252 100

253 21.9 17.0 25.4

125 8.4 7.4 11.2





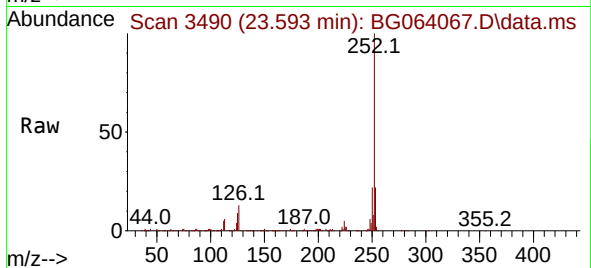
#89  
Benzo(k)fluoranthene  
Concen: 41.311 ng  
RT: 23.593 min Scan# 3490  
Delta R.T. -0.000 min  
Lab File: BG064067.D  
Acq: 7 Mar 2025 20:22

Instrument :

BNA\_G

ClientSampleId :

ENV-105-SB02MSD

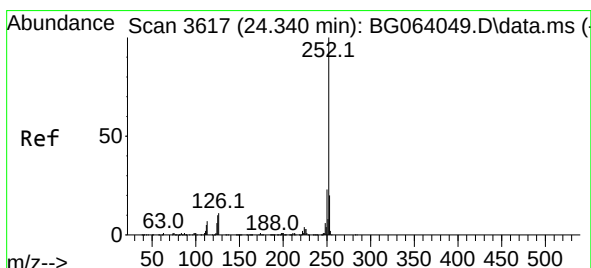
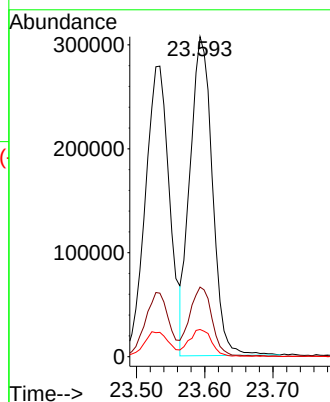
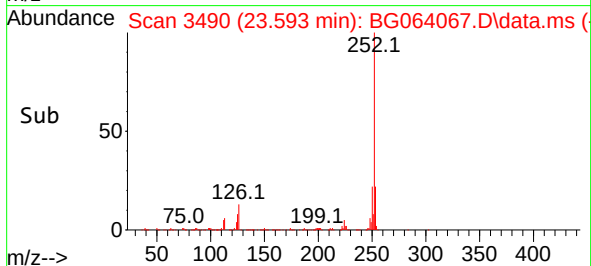


Tgt Ion:252 Resp: 696740  
Ion Ratio Lower Upper  
252 100  
253 21.7 16.8 25.2  
125 8.5 6.9 10.3

Manual Integrations

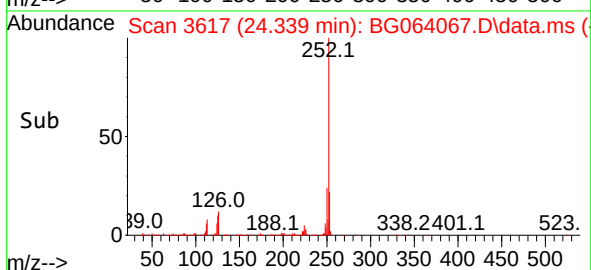
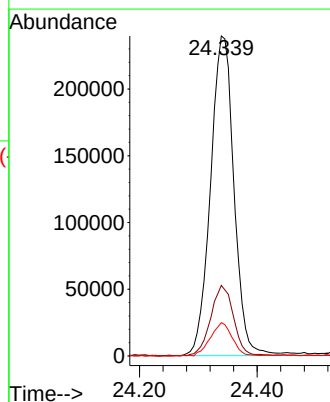
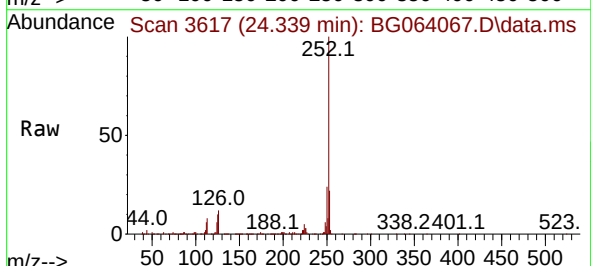
APPROVED

Reviewed By :Anahy Claudio 03/10/2025  
Supervised By :Jagrut Upadhyay 03/10/2025

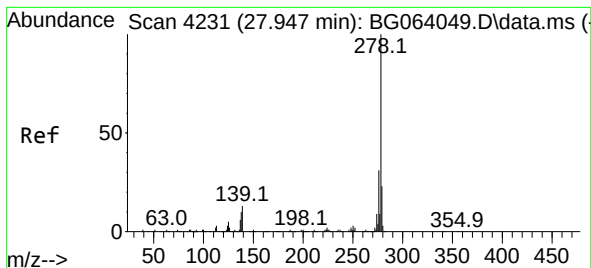


#90  
Benzo(a)pyrene  
Concen: 44.171 ng  
RT: 24.339 min Scan# 3617  
Delta R.T. -0.000 min  
Lab File: BG064067.D  
Acq: 7 Mar 2025 20:22

Tgt Ion:252 Resp: 661351  
Ion Ratio Lower Upper  
252 100  
253 22.0 16.2 24.2  
125 10.4 7.8 11.6







#91

Dibenzo(a,h)anthracene

Concen: 43.651 ng

RT: 27.947 min Scan# 41

Delta R.T. -0.000 min

Lab File: BG064067.D

Acq: 7 Mar 2025 20:22

Instrument :

BNA\_G

ClientSampleId :

ENV-105-SB02MSD

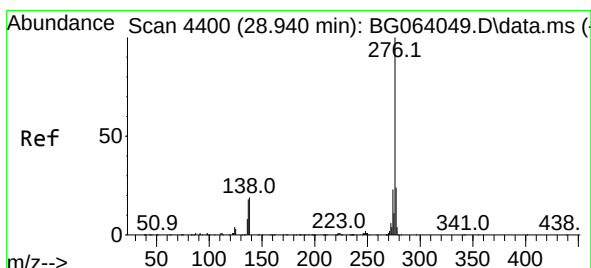
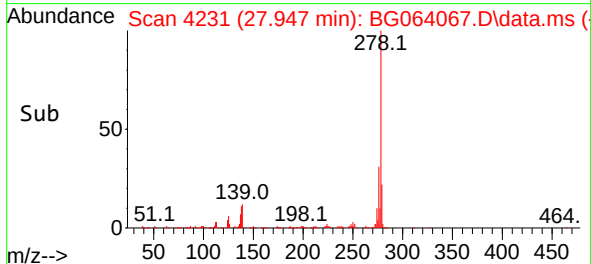
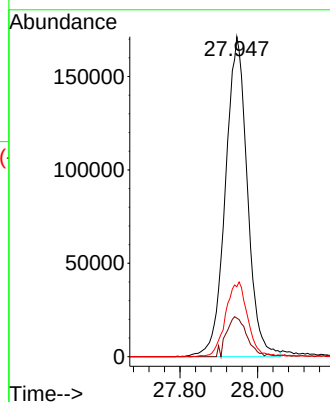
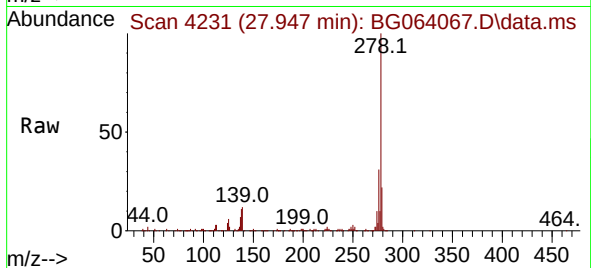
Tgt Ion:278 Resp: 67334

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 278 | 100   |       |       |
| 139 | 12.1  | 10.2  | 15.2  |
| 279 | 21.9  | 18.1  | 27.1  |

Manual Integrations

APPROVED

Reviewed By :Anahy Claudio 03/10/2025  
Supervised By :Jagrut Upadhyay 03/10/2025



#92

Benzo(g,h,i)perylene

Concen: 40.349 ng

RT: 28.945 min Scan# 4401

Delta R.T. 0.005 min

Lab File: BG064067.D

Acq: 7 Mar 2025 20:22

Tgt Ion:276 Resp: 639032

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 276 | 100   |       |       |
| 277 | 24.5  | 19.5  | 29.3  |
| 138 | 17.3  | 15.4  | 23.0  |

