

Data Path : Z:\svoasrv\HPCHEM1\BNA\_G\Data\BG110525\  
 Data File : BG064696.D  
 Acq On : 5 Nov 2025 22:10  
 Operator : RC/JU  
 Sample : Q3532-05MS  
 Misc :  
 ALS Vial : 11 Sample Multiplier: 1

Instrument :  
 BNA\_G  
 ClientSampleId :  
 TP-2MS

Manual Integrations  
 APPROVED

Reviewed By :Rahul Chavli 11/06/2025  
 Supervised By :Jagrut Upadhyay 11/06/2025

Quant Time: Nov 06 00:11:00 2025  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_G\Methods\8270-BG102425.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Mon Nov 03 18:16:26 2025  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc    | Units | Dev(Min) |
|-------------------------------|--------|------|----------|---------|-------|----------|
| -----                         |        |      |          |         |       |          |
| Internal Standards            |        |      |          |         |       |          |
| 1) 1,4-Dichlorobenzene-d4     | 8.202  | 152  | 14572    | 20.000  | ng    | #-0.02   |
| 21) Naphthalene-d8            | 11.028 | 136  | 72029    | 20.000  | ng    | -0.02    |
| 39) Acenaphthene-d10          | 14.824 | 164  | 74889    | 20.000  | ng    | -0.02    |
| 64) Phenanthrene-d10          | 17.562 | 188  | 250195   | 20.000  | ng    | -0.02    |
| 76) Chrysene-d12              | 21.839 | 240  | 309360   | 20.000  | ng    | #-0.02   |
| 86) Perylene-d12              | 25.165 | 264  | 312882   | 20.000  | ng    | -0.03    |
|                               |        |      |          |         |       |          |
| System Monitoring Compounds   |        |      |          |         |       |          |
| 5) 2-Fluorophenol             | 5.734  | 112  | 59039    | 68.005  | ng    | -0.01    |
| 7) Phenol-d6                  | 7.338  | 99   | 98074    | 82.326  | ng    | -0.01    |
| 23) Nitrobenzene-d5           | 9.365  | 82   | 51959    | 43.327  | ng    | -0.02    |
| 42) 2,4,6-Tribromophenol      | 16.304 | 330  | 119644   | 110.692 | ng    | -0.01    |
| 45) 2-Fluorobiphenyl          | 13.455 | 172  | 158003   | 31.980  | ng    | -0.02    |
| 79) Terphenyl-d14             | 20.153 | 244  | 734564   | 44.810  | ng    | -0.02    |
|                               |        |      |          |         |       |          |
| Target Compounds              |        |      |          |         |       | Qvalue   |
| 2) 1,4-Dioxane                | 3.566  | 88   | 12525    | 32.587  | ng    | # 94     |
| 3) Pyridine                   | 3.978  | 79   | 37428    | 32.427  | ng    | 97       |
| 4) n-Nitrosodimethylamine     | 3.878  | 42   | 26930    | 43.507  | ng    | 94       |
| 6) Aniline                    | 7.515  | 93   | 37256    | 22.983  | ng    | # 92     |
| 8) 2-Chlorophenol             | 7.761  | 128  | 51693    | 56.887  | ng    | 93       |
| 9) Benzaldehyde               | 7.327  | 77   | 27361    | 42.070  | ng    | 94       |
| 10) Phenol                    | 7.368  | 94   | 72511    | 55.038  | ng    | 93       |
| 11) bis(2-Chloroethyl)ether   | 7.609  | 93   | 41780    | 43.133  | ng    | 96       |
| 12) 1,3-Dichlorobenzene       | 8.090  | 146  | 47034    | 44.971  | ng    | 97       |
| 13) 1,4-Dichlorobenzene       | 8.237  | 146  | 48140    | 45.268  | ng    | 95       |
| 14) 1,2-Dichlorobenzene       | 8.560  | 146  | 50820    | 49.545  | ng    | 97       |
| 15) Benzyl Alcohol            | 8.431  | 79   | 54409    | 55.386  | ng    | 98       |
| 16) 2,2'-oxybis(1-Chloropr... | 8.731  | 45   | 109047   | 42.918  | ng    | 99       |
| 17) 2-Methylphenol            | 8.637  | 107  | 53230    | 60.854  | ng    | 98       |
| 18) Hexachloroethane          | 9.301  | 117  | 17641    | 47.270  | ng    | 94       |
| 19) n-Nitroso-di-n-propyla... | 9.007  | 70   | 42013    | 51.030  | ng    | # 94     |
| 20) 3+4-Methylphenols         | 8.960  | 107  | 76086    | 61.851  | ng    | 95       |
| 22) Acetophenone              | 9.025  | 105  | 83535    | 42.425  | ng    | 95       |
| 24) Nitrobenzene              | 9.407  | 77   | 62692    | 48.064  | ng    | 95       |
| 25) Isophorone                | 9.941  | 82   | 128811   | 44.763  | ng    | 97       |
| 26) 2-Nitrophenol             | 10.129 | 139  | 29249    | 57.458  | ng    | # 91     |
| 27) 2,4-Dimethylphenol        | 10.176 | 122  | 59019    | 55.138  | ng    | 99       |
| 28) bis(2-Chloroethoxy)met... | 10.417 | 93   | 69441    | 42.383  | ng    | 100      |
| 29) 2,4-Dichlorophenol        | 10.664 | 162  | 67727    | 58.793  | ng    | 95       |
| 30) 1,2,4-Trichlorobenzene    | 10.887 | 180  | 63393    | 48.434  | ng    | 96       |
| 31) Naphthalene               | 11.081 | 128  | 174871   | 43.788  | ng    | 99       |
| 32) Benzoic acid              | 10.288 | 122  | 39529m   | 48.345  | ng    |          |
| 33) 4-Chloroaniline           | 11.175 | 127  | 29117    | 18.758  | ng    | 92       |
| 34) Hexachlorobutadiene       | 11.369 | 225  | 47802    | 46.700  | ng    | 98       |
| 35) Caprolactam               | 11.939 | 113  | 27127m   | 61.398  | ng    |          |
| 36) 4-Chloro-3-methylphenol   | 12.280 | 107  | 91710    | 66.233  | ng    | 95       |
| 37) 2-Methylnaphthalene       | 12.673 | 142  | 136350   | 46.504  | ng    | 99       |
| 38) 1-Methylnaphthalene       | 12.885 | 142  | 141056   | 48.597  | ng    | 99       |
| 40) 1,2,4,5-Tetrachloroben... | 13.032 | 216  | 106958   | 42.556  | ng    | 99       |
| 41) Hexachlorocyclopentadiene | 13.020 | 237  | 120900   | 106.872 | ng    | 96       |
| 43) 2,4,6-Trichlorophenol     | 13.261 | 196  | 79746    | 55.470  | ng    | 97       |

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 Sample : Q3532-05MS  
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Quant Time: Nov 06 00:11:00 2025  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_G\Methods\8270-BG102425.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Mon Nov 03 18:16:26 2025  
 Response via : Initial Calibration

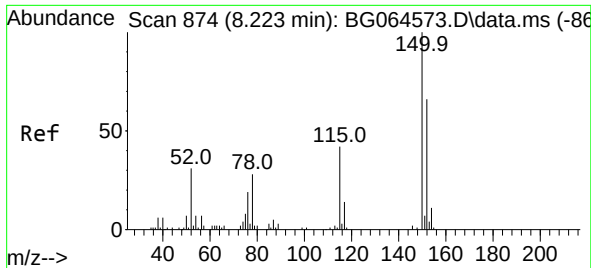
Manual Integrations  
 APPROVED

Reviewed By :Rahul Chavli 11/06/2025  
 Supervised By :Jagrut Upadhyay 11/06/2025

| Compound                       | R.T.   | QIon | Response | Conc    | Units | Dev(Min) |
|--------------------------------|--------|------|----------|---------|-------|----------|
| 44) 2,4,5-Trichlorophenol      | 13.337 | 196  | 94671    | 57.064  | ng    | 96       |
| 46) 1,1'-Biphenyl              | 13.666 | 154  | 229375   | 43.082  | ng    | 98       |
| 47) 2-Chloronaphthalene        | 13.707 | 162  | 171531   | 42.682  | ng    | 99       |
| 48) 2-Nitroaniline             | 13.895 | 65   | 76121    | 55.856  | ng    | 90       |
| 49) Acenaphthylene             | 14.553 | 152  | 344520   | 54.350  | ng    | 98       |
| 50) Dimethylphthalate          | 14.271 | 163  | 294799   | 51.444  | ng    | 99       |
| 51) 2,6-Dinitrotoluene         | 14.383 | 165  | 59978    | 62.406  | ng    | 98       |
| 52) Acenaphthene               | 14.888 | 154  | 239036   | 55.194  | ng    | 99       |
| 53) 3-Nitroaniline             | 14.712 | 138  | 34603    | 35.136  | ng    | # 97     |
| 54) 2,4-Dinitrophenol          | 14.918 | 184  | 84397    | 140.901 | ng    | # 38     |
| 55) Dibenzofuran               | 15.223 | 168  | 349742   | 49.951  | ng    | 98       |
| 56) 4-Nitrophenol              | 15.012 | 139  | 129284   | 141.594 | ng    | # 89     |
| 57) 2,4-Dinitrotoluene         | 15.170 | 165  | 102991   | 69.021  | ng    | 94       |
| 58) Fluorene                   | 15.870 | 166  | 294327   | 53.826  | ng    | 98       |
| 59) 2,3,4,6-Tetrachlorophenol  | 15.447 | 232  | 117370   | 73.983  | ng    | 97       |
| 60) Diethylphthalate           | 15.629 | 149  | 317035   | 54.183  | ng    | 99       |
| 61) 4-Chlorophenyl-phenylether | 15.858 | 204  | 168896   | 55.039  | ng    | 97       |
| 62) 4-Nitroaniline             | 15.875 | 138  | 78055    | 71.243  | ng    | 94       |
| 63) Azobenzene                 | 16.152 | 77   | 286634   | 53.391  | ng    | 96       |
| 65) 4,6-Dinitro-2-methylph...  | 15.934 | 198  | 67010    | 59.412  | ng    | 94       |
| 66) n-Nitrosodiphenylamine     | 16.063 | 169  | 288003   | 42.614  | ng    | 98       |
| 67) 4-Bromophenyl-phenylether  | 16.751 | 248  | 136142   | 45.918  | ng    | 94       |
| 68) Hexachlorobenzene          | 16.874 | 284  | 163015   | 48.194  | ng    | 95       |
| 69) Atrazine                   | 17.009 | 200  | 156840   | 53.926  | ng    | 98       |
| 70) Pentachlorophenol          | 17.209 | 266  | 195291   | 92.588  | ng    | 90       |
| 71) Phenanthrene               | 17.609 | 178  | 637933   | 46.625  | ng    | 100      |
| 72) Anthracene                 | 17.697 | 178  | 656902   | 47.198  | ng    | 99       |
| 73) Carbazole                  | 17.961 | 167  | 639023   | 52.067  | ng    | 99       |
| 74) Di-n-butylphthalate        | 18.514 | 149  | 718000   | 50.591  | ng    | 99       |
| 75) Fluoranthene               | 19.600 | 202  | 956889   | 55.827  | ng    | 98       |
| 77) Benzidine                  | 19.771 | 184  | 229389   | 33.096  | ng    | 99       |
| 78) Pyrene                     | 19.965 | 202  | 990420   | 49.002  | ng    | 100      |
| 80) Butylbenzylphthalate       | 20.834 | 149  | 321147   | 52.571  | ng    | 95       |
| 81) Benzo(a)anthracene         | 21.821 | 228  | 978148   | 47.686  | ng    | 99       |
| 82) 3,3'-Dichlorobenzidine     | 21.722 | 252  | 155363   | 22.682  | ng    | 97       |
| 83) Chrysene                   | 21.886 | 228  | 910376   | 46.643  | ng    | 99       |
| 84) Bis(2-ethylhexyl)phtha...  | 21.716 | 149  | 435682   | 47.730  | ng    | 99       |
| 85) Di-n-octyl phthalate       | 22.973 | 149  | 693599   | 45.069  | ng    | 96       |
| 87) Indeno(1,2,3-cd)pyrene     | 28.984 | 276  | 1128650  | 49.036  | ng    | # 92     |
| 88) Benzo(b)fluoranthene       | 24.107 | 252  | 925135   | 48.220  | ng    | 99       |
| 89) Benzo(k)fluoranthene       | 24.177 | 252  | 941440m  | 49.036  | ng    |          |
| 90) Benzo(a)pyrene             | 25.012 | 252  | 886769   | 50.282  | ng    | # 99     |
| 91) Dibenzo(a,h)anthracene     | 29.048 | 278  | 934094   | 49.953  | ng    | # 96     |
| 92) Benzo(g,h,i)perylene       | 30.176 | 276  | 894952   | 50.101  | ng    | # 97     |

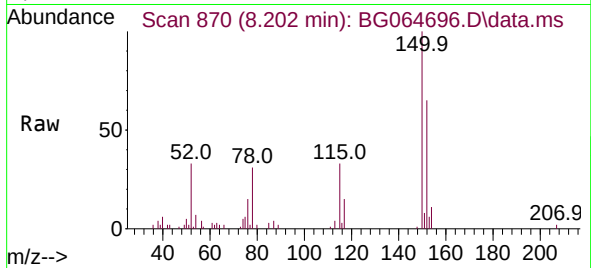
(#) = qualifier out of range (m) = manual integration (+) = signals summed





#1  
1,4-Dichlorobenzene-d4  
Concen: 20.000 ng  
RT: 8.202 min Scan# 81  
Delta R.T. -0.021 min  
Lab File: BG064696.D  
Acq: 5 Nov 2025 22:10

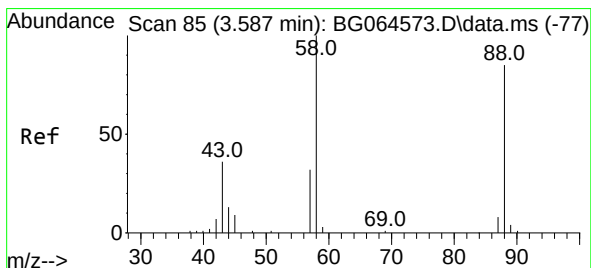
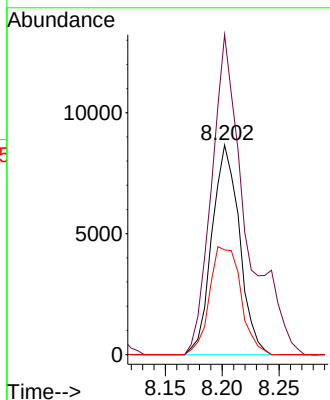
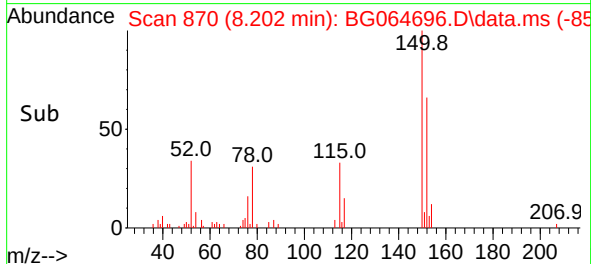
Instrument :  
BNA\_G  
ClientSampleId :  
TP-2MS



Tgt Ion:152 Resp: 14572  
Ion Ratio Lower Upper  
152 100  
150 152.8 122.2 183.4  
115 50.0 50.8 76.2

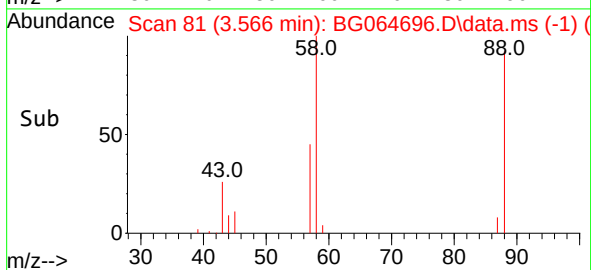
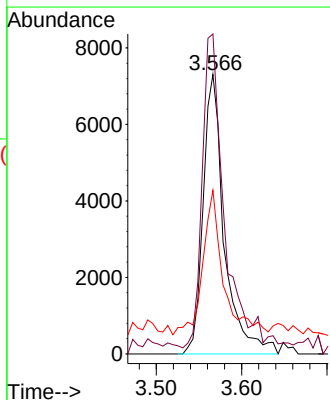
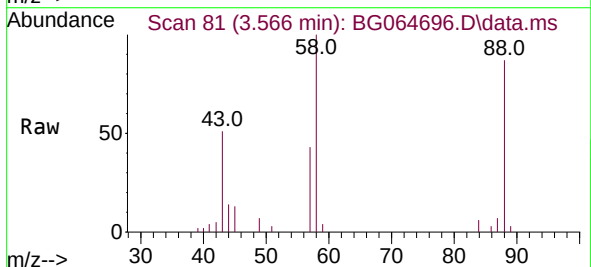
Manual Integrations  
APPROVED

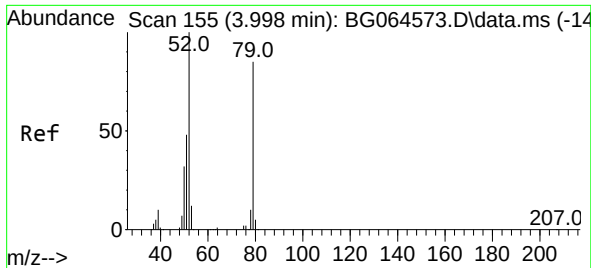
Reviewed By :Rahul Chavli 11/06/2025  
Supervised By :Jagrut Upadhyay 11/06/2025



#2  
1,4-Dioxane  
Concen: 32.587 ng  
RT: 3.566 min Scan# 81  
Delta R.T. -0.021 min  
Lab File: BG064696.D  
Acq: 5 Nov 2025 22:10

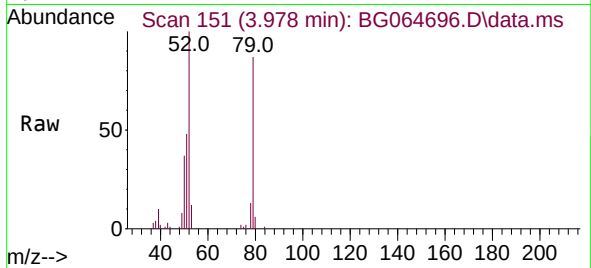
Tgt Ion: 88 Resp: 12525  
Ion Ratio Lower Upper  
88 100  
58 119.3 92.4 138.6  
43 50.2 33.0 49.6





#3  
Pyridine  
Concen: 32.427 ng  
RT: 3.978 min Scan# 11  
Delta R.T. -0.021 min  
Lab File: BG064696.D  
Acq: 5 Nov 2025 22:10

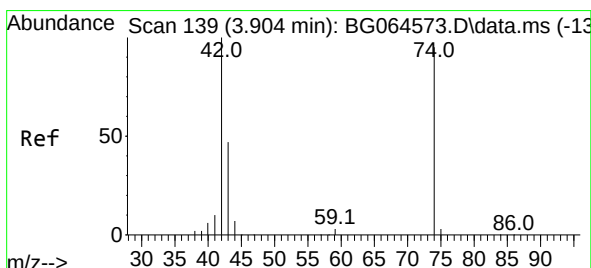
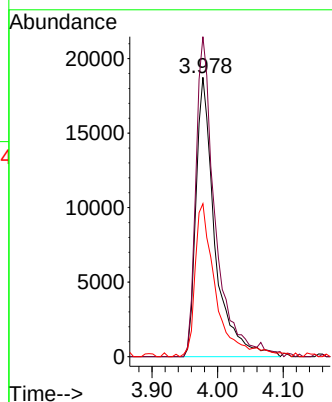
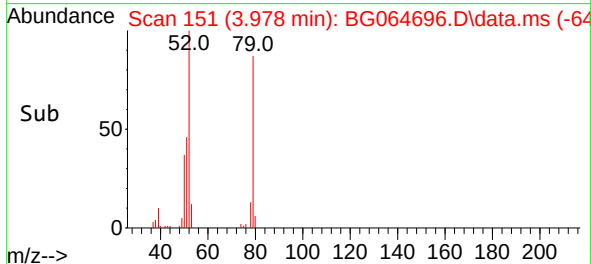
Instrument :  
BNA\_G  
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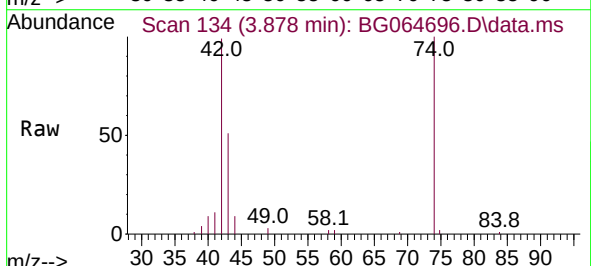
Tgt Ion: 79 Resp: 37428  
Ion Ratio Lower Upper  
79 100  
52 114.6 94.2 141.2  
51 54.7 46.1 69.1

Manual Integrations  
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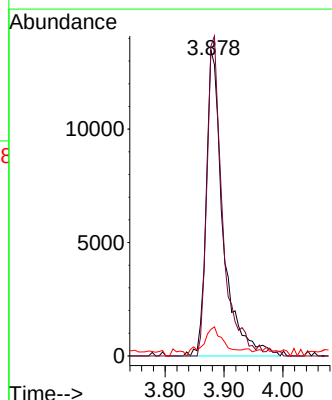
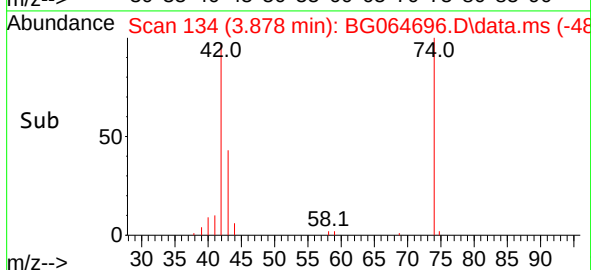
Reviewed By :Rahul Chavli 11/06/2025  
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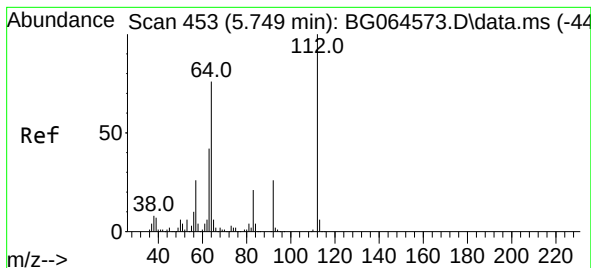


#4  
n-Nitrosodimethylamine  
Concen: 43.507 ng  
RT: 3.878 min Scan# 134  
Delta R.T. -0.027 min  
Lab File: BG064696.D  
Acq: 5 Nov 2025 22:10



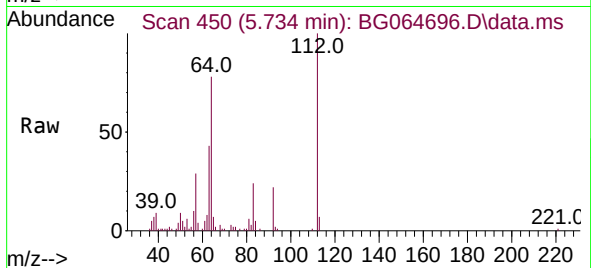
Tgt Ion: 42 Resp: 26930  
Ion Ratio Lower Upper  
42 100  
74 101.4 76.1 114.1  
44 8.6 6.3 9.5





#5  
2-Fluorophenol  
Concen: 68.005 ng  
RT: 5.734 min Scan# 453  
Delta R.T. -0.015 min  
Lab File: BG064696.D  
Acq: 5 Nov 2025 22:10

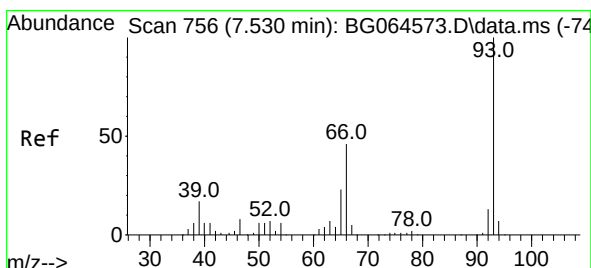
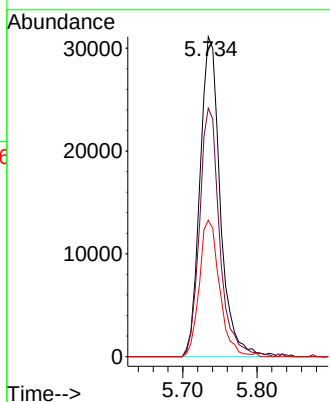
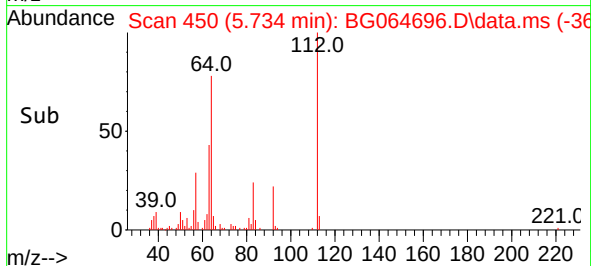
Instrument :  
BNA\_G  
ClientSampleId :  
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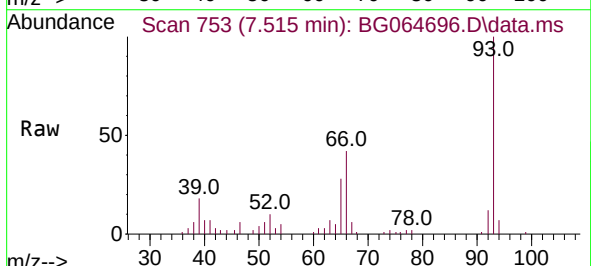
Tgt Ion:112 Resp: 59039  
Ion Ratio Lower Upper  
112 100  
64 77.6 60.7 91.1  
63 42.6 33.4 50.0

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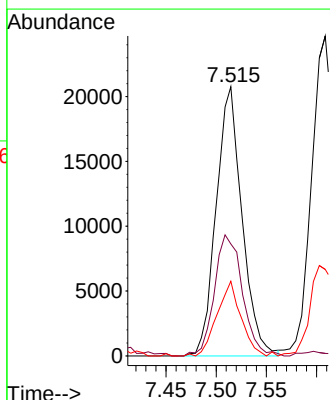
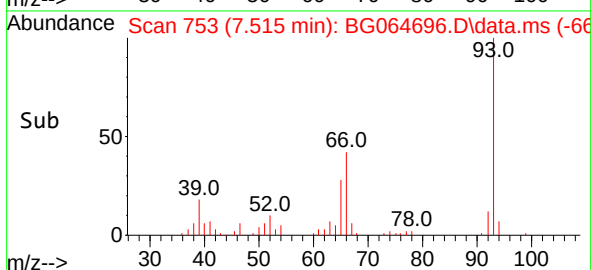
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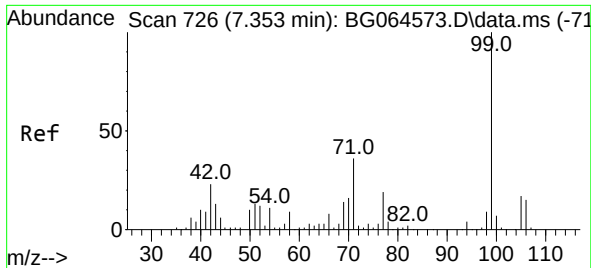


#6  
Aniline  
Concen: 22.983 ng  
RT: 7.515 min Scan# 753  
Delta R.T. -0.015 min  
Lab File: BG064696.D  
Acq: 5 Nov 2025 22:10



Tgt Ion: 93 Resp: 37256  
Ion Ratio Lower Upper  
93 100  
66 41.6 37.0 55.6  
65 27.7 18.3 27.5





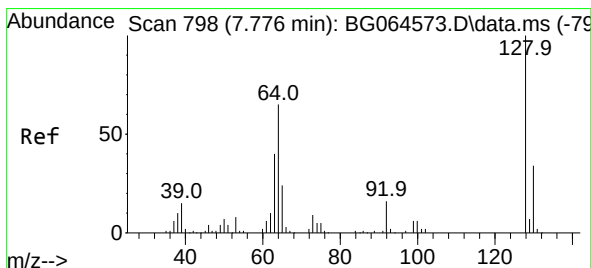
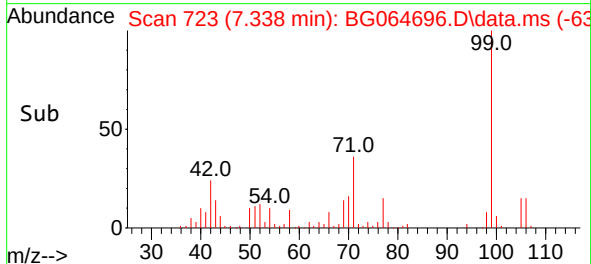
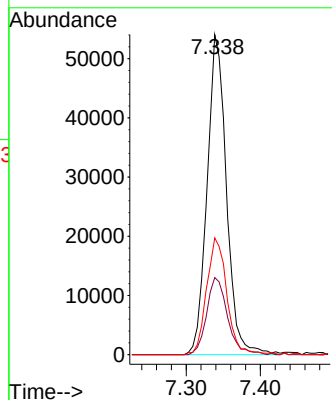
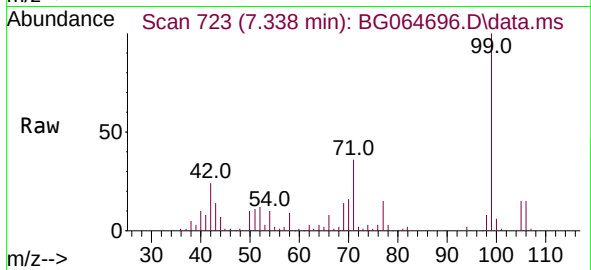
#7  
Phenol-d6  
Concen: 82.326 ng  
RT: 7.338 min Scan# 71  
Delta R.T. -0.015 min  
Lab File: BG064696.D  
Acq: 5 Nov 2025 22:10

Instrument :  
BNA\_G  
ClientSampleId :  
TP-2MS

Tgt Ion: 99 Resp: 98074  
Ion Ratio Lower Upper  
99 100  
42 24.1 18.3 27.5  
71 36.5 28.6 43.0

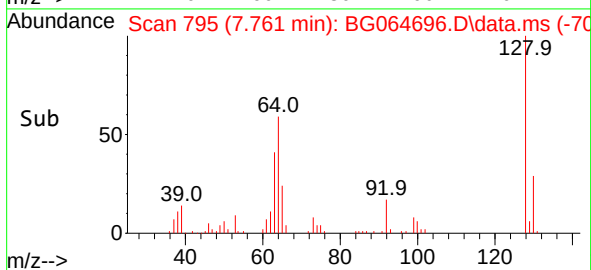
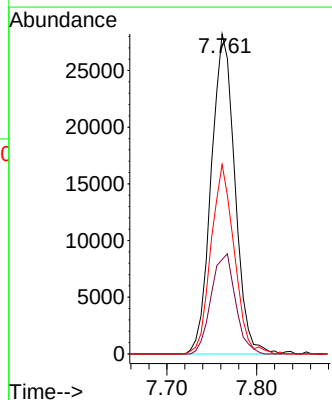
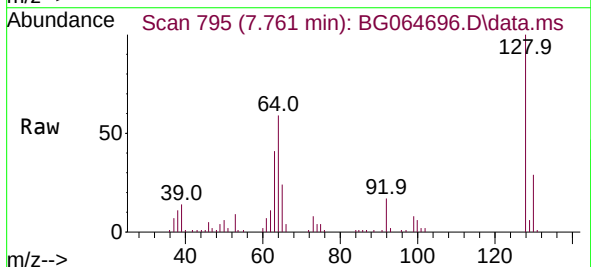
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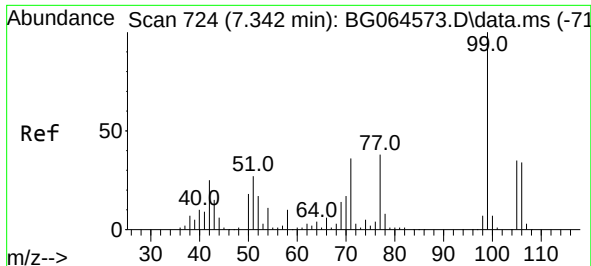
Reviewed By :Rahul Chavli 11/06/2025  
Supervised By :Jagrut Upadhyay 11/06/2025



#8  
2-Chlorophenol  
Concen: 56.887 ng  
RT: 7.761 min Scan# 795  
Delta R.T. -0.015 min  
Lab File: BG064696.D  
Acq: 5 Nov 2025 22:10

Tgt Ion:128 Resp: 51693  
Ion Ratio Lower Upper  
128 100  
130 29.5 13.5 53.5  
64 59.2 45.2 85.2





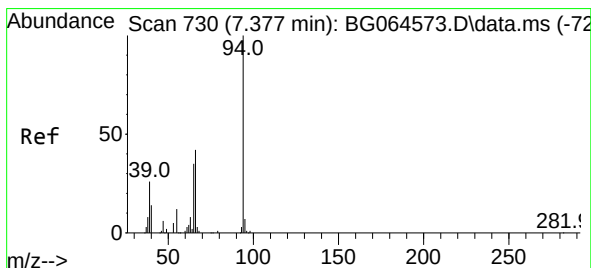
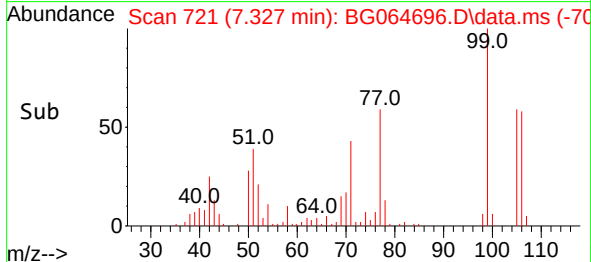
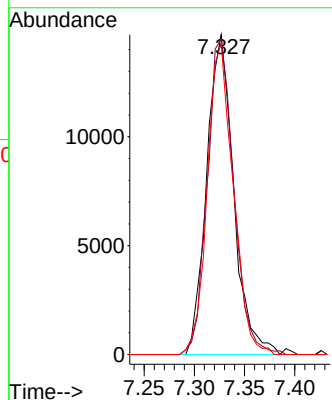
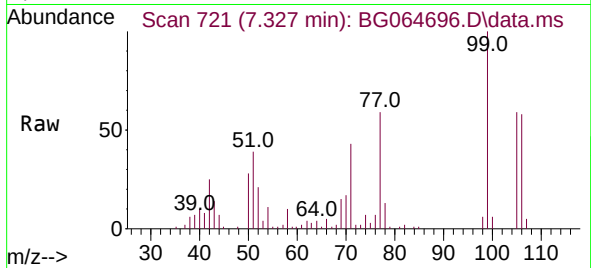
#9  
Benzaldehyde  
Concen: 42.070 ng  
RT: 7.327 min Scan# 71  
Delta R.T. -0.015 min  
Lab File: BG064696.D  
Acq: 5 Nov 2025 22:10

Instrument :  
BNA\_G  
ClientSampleId :  
TP-2MS

Tgt Ion: 77 Resp: 2736  
Ion Ratio Lower Upper  
77 100  
105 98.6 72.9 112.9  
106 97.3 70.8 110.8

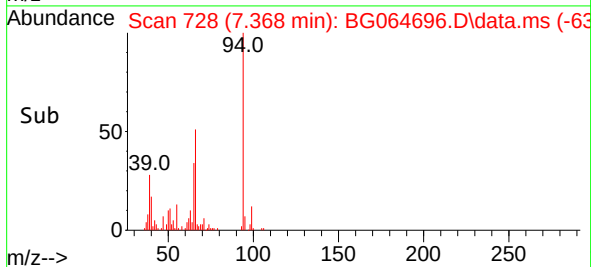
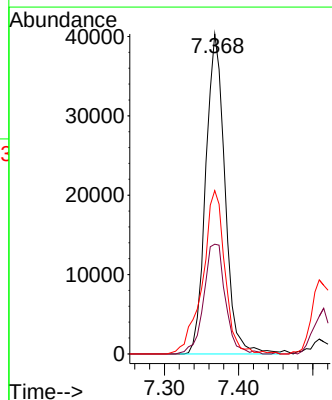
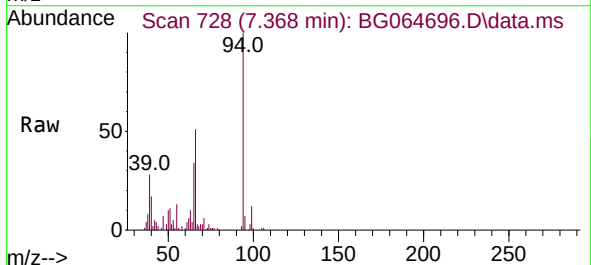
Manual Integrations  
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Reviewed By :Rahul Chavli 11/06/2025  
Supervised By :Jagrut Upadhyay 11/06/2025

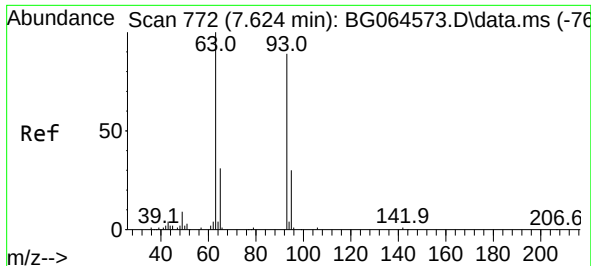


#10  
Phenol  
Concen: 55.038 ng  
RT: 7.368 min Scan# 728  
Delta R.T. -0.009 min  
Lab File: BG064696.D  
Acq: 5 Nov 2025 22:10

Tgt Ion: 94 Resp: 72511  
Ion Ratio Lower Upper  
94 100  
65 34.3 15.8 55.8  
66 51.0 24.0 64.0

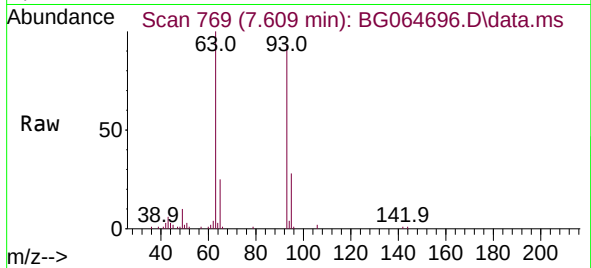






#11  
bis(2-Chloroethyl)ether  
Concen: 43.133 ng  
RT: 7.609 min Scan# 769  
Delta R.T. -0.015 min  
Lab File: BG064696.D  
Acq: 5 Nov 2025 22:10

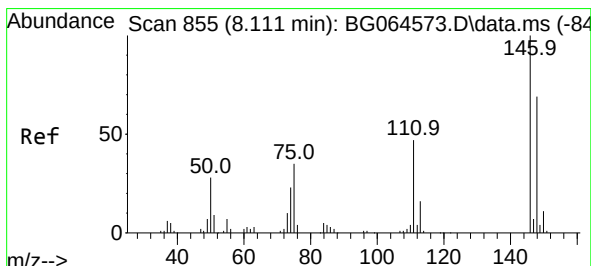
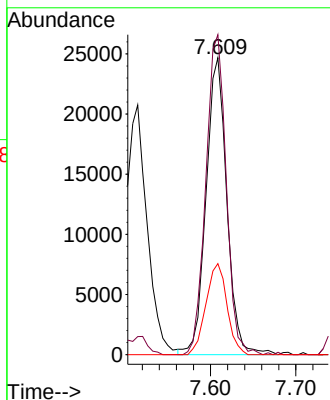
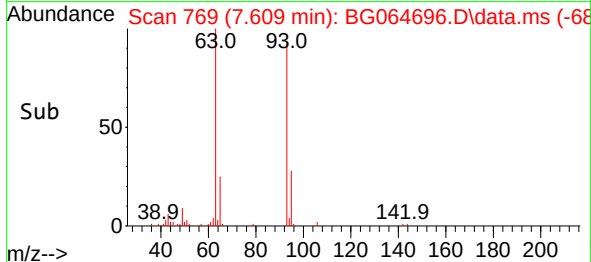
Instrument :  
BNA\_G  
ClientSampleId :  
TP-2MS



Tgt Ion: 93 Resp: 41786  
Ion Ratio Lower Upper  
93 100  
63 107.8 91.3 131.3  
95 30.7 13.3 53.3

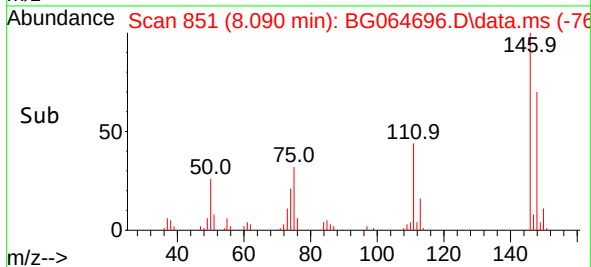
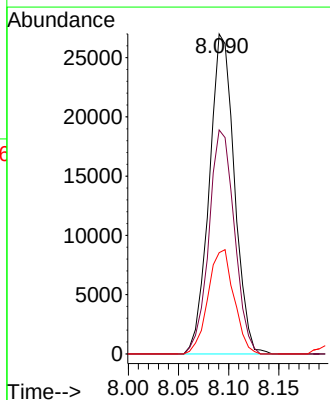
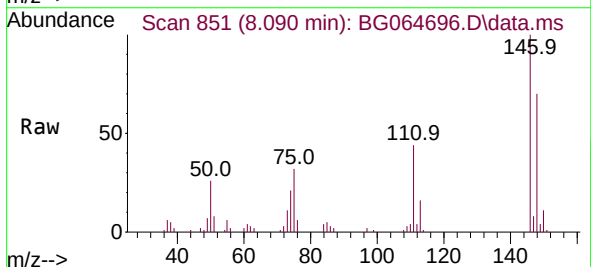
Manual Integrations  
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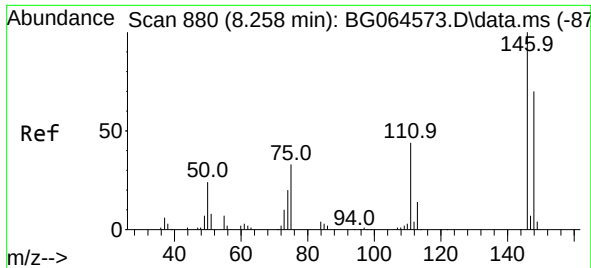
Reviewed By :Rahul Chavli 11/06/2025  
Supervised By :Jagrut Upadhyay 11/06/2025



#12  
1,3-Dichlorobenzene  
Concen: 44.971 ng  
RT: 8.090 min Scan# 851  
Delta R.T. -0.021 min  
Lab File: BG064696.D  
Acq: 5 Nov 2025 22:10

Tgt Ion:146 Resp: 47034  
Ion Ratio Lower Upper  
146 100  
148 70.0 55.3 82.9  
75 31.6 28.2 42.2





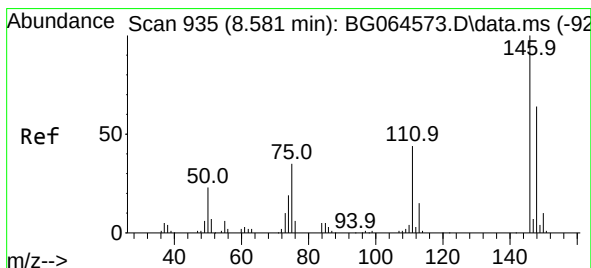
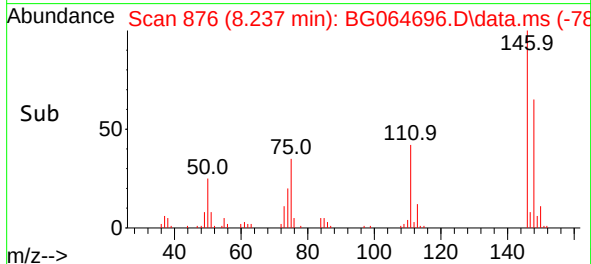
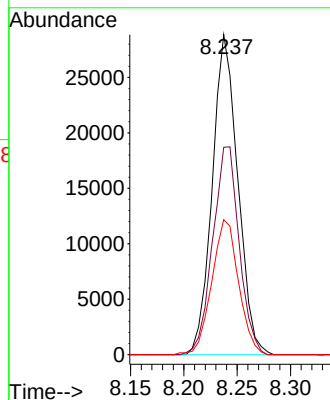
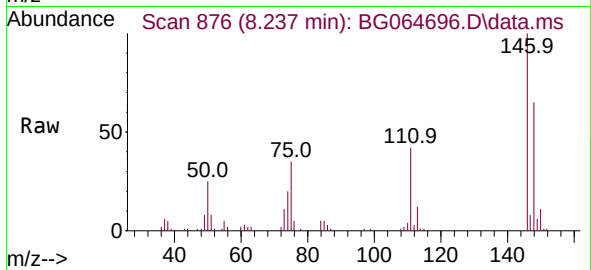
#13  
1,4-Dichlorobenzene  
Concen: 45.268 ng  
RT: 8.237 min Scan# 811  
Delta R.T. -0.021 min  
Lab File: BG064696.D  
Acq: 5 Nov 2025 22:10

Instrument :  
BNA\_G  
ClientSampleId :  
TP-2MS

Tgt Ion:146 Resp: 48140  
Ion Ratio Lower Upper  
146 100  
148 64.8 56.2 84.4  
111 42.2 35.4 53.0

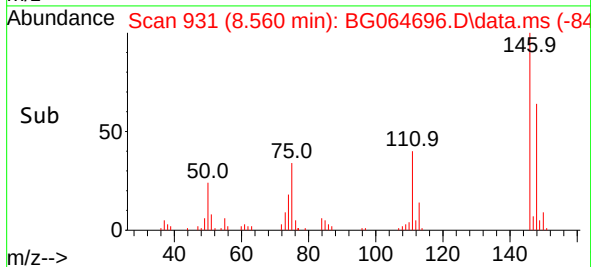
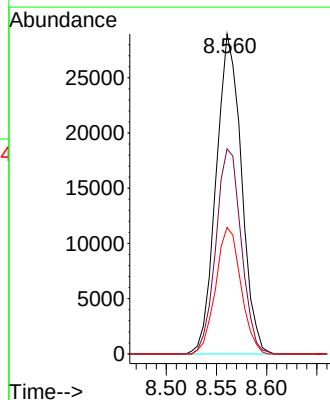
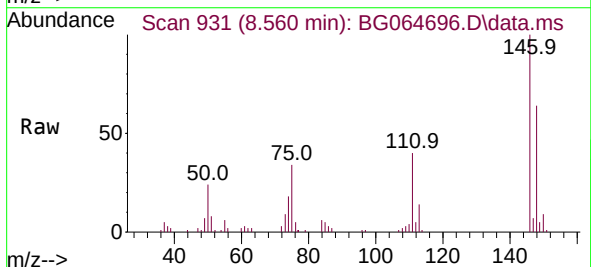
Manual Integrations  
APPROVED

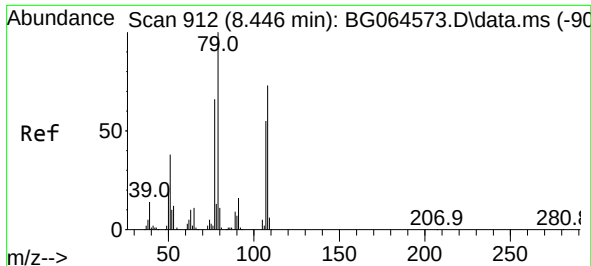
Reviewed By :Rahul Chavli 11/06/2025  
Supervised By :Jagrut Upadhyay 11/06/2025



#14  
1,2-Dichlorobenzene  
Concen: 49.545 ng  
RT: 8.560 min Scan# 931  
Delta R.T. -0.021 min  
Lab File: BG064696.D  
Acq: 5 Nov 2025 22:10

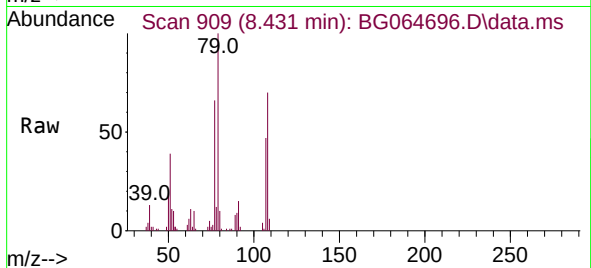
Tgt Ion:146 Resp: 50820  
Ion Ratio Lower Upper  
146 100  
148 64.1 51.5 77.3  
111 39.5 35.0 52.6





#15  
Benzyl Alcohol  
Concen: 55.386 ng  
RT: 8.431 min Scan# 909  
Delta R.T. -0.015 min  
Lab File: BG064696.D  
Acq: 5 Nov 2025 22:10

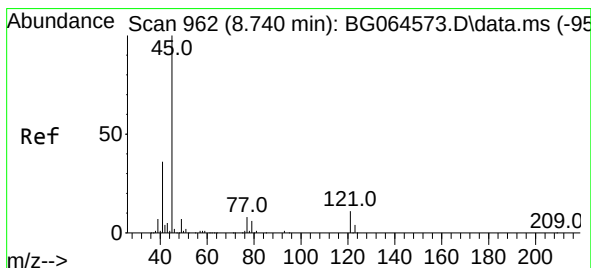
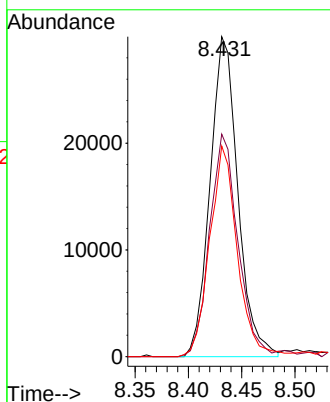
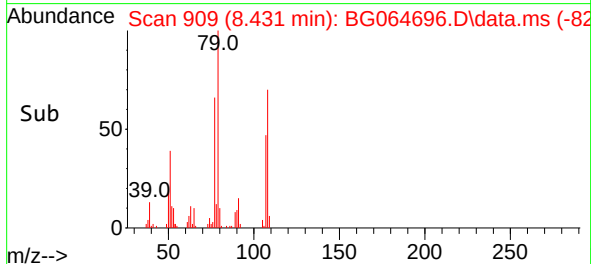
Instrument :  
BNA\_G  
Client Sample Id :  
TP-2MS



Tgt Ion: 79 Resp: 54409  
Ion Ratio Lower Upper  
79 100  
108 69.5 58.1 87.1  
77 65.8 52.8 79.2

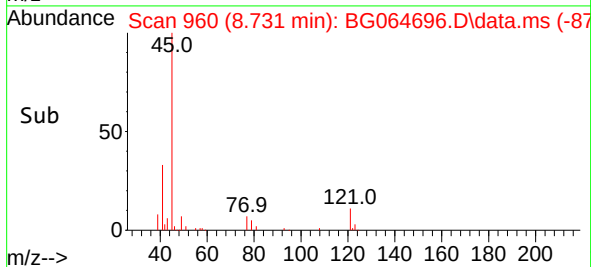
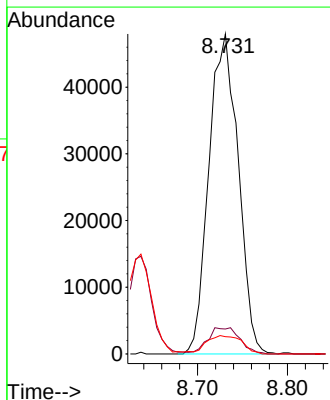
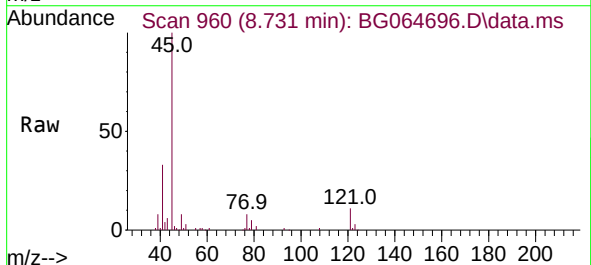
Manual Integrations  
APPROVED

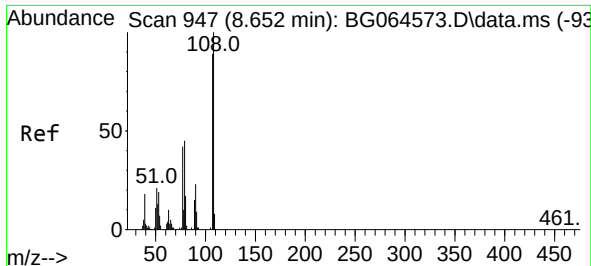
Reviewed By :Rahul Chavli 11/06/2025  
Supervised By :Jagrut Upadhyay 11/06/2025



#16  
2,2'-oxybis(1-Chloropropane)  
Concen: 42.918 ng  
RT: 8.731 min Scan# 960  
Delta R.T. -0.009 min  
Lab File: BG064696.D  
Acq: 5 Nov 2025 22:10

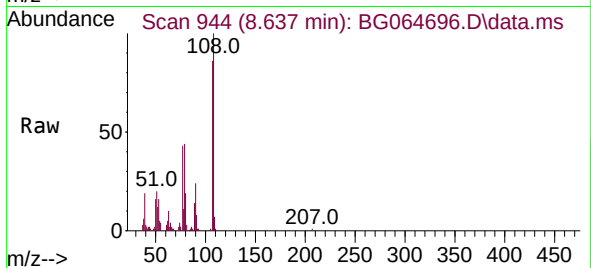
Tgt Ion: 45 Resp: 109047  
Ion Ratio Lower Upper  
45 100  
77 7.8 0.0 28.5  
79 5.4 0.0 25.6





#17  
2-Methylphenol  
Concen: 60.854 ng  
RT: 8.637 min Scan# 947  
Delta R.T. -0.015 min  
Lab File: BG064696.D  
Acq: 5 Nov 2025 22:10

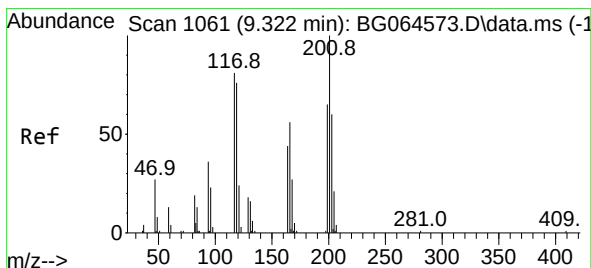
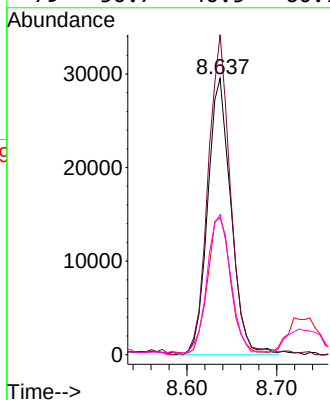
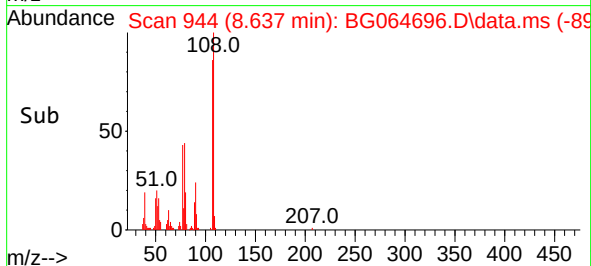
Instrument :  
BNA\_G  
ClientSampleId :  
TP-2MS



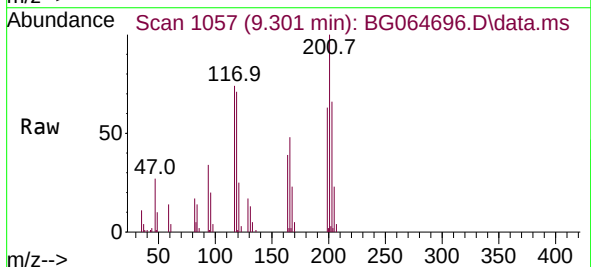
Tgt Ion:107 Resp: 53230  
Ion Ratio Lower Upper  
107 100  
108 115.8 90.0 135.0  
77 49.5 37.8 56.8  
79 50.7 40.5 60.7

Manual Integrations  
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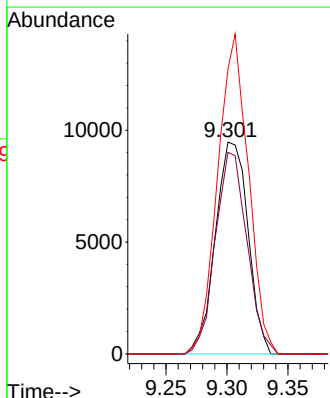
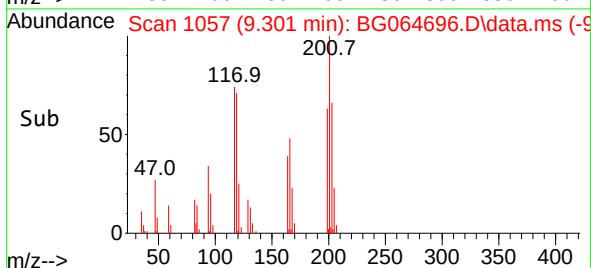
Reviewed By :Rahul Chavli 11/06/2025  
Supervised By :Jagrut Upadhyay 11/06/2025

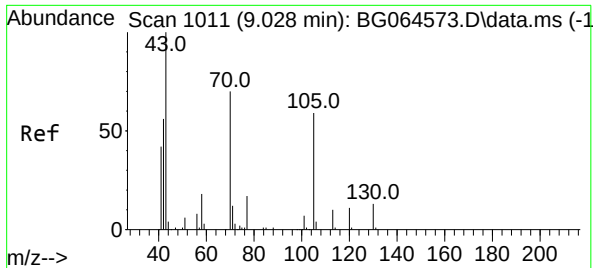


#18  
Hexachloroethane  
Concen: 47.270 ng  
RT: 9.301 min Scan# 1057  
Delta R.T. -0.021 min  
Lab File: BG064696.D  
Acq: 5 Nov 2025 22:10



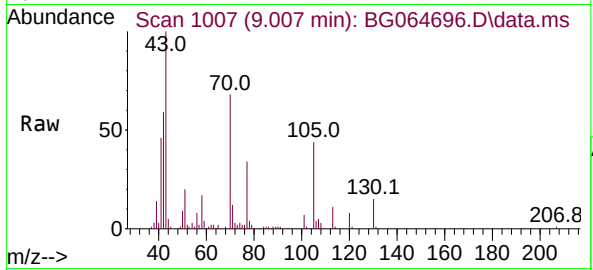
Tgt Ion:117 Resp: 17641  
Ion Ratio Lower Upper  
117 100  
119 95.2 75.4 113.2  
201 134.4 99.2 148.8





#19  
n-Nitroso-di-n-propylamine  
Concen: 51.030 ng  
RT: 9.007 min Scan# 10  
Delta R.T. -0.021 min  
Lab File: BG064696.D  
Acq: 5 Nov 2025 22:10

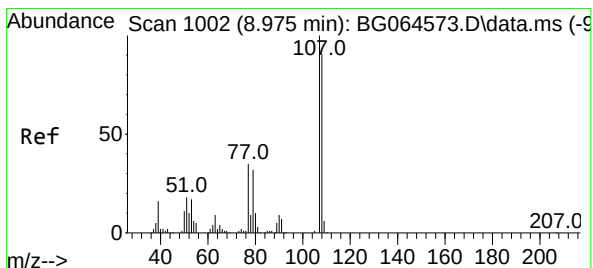
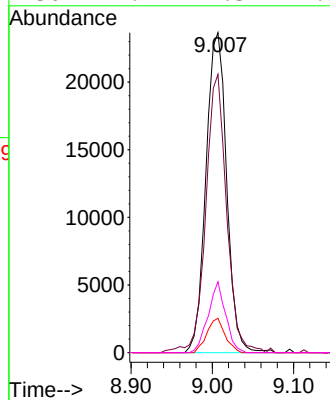
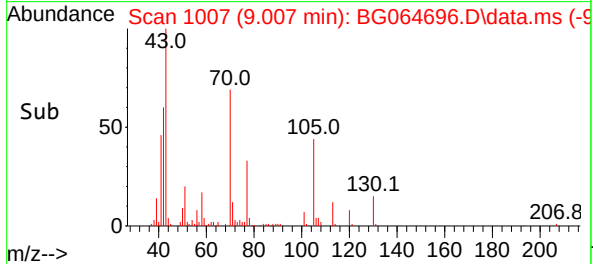
Instrument :  
BNA\_G  
ClientSampleId :  
TP-2MS



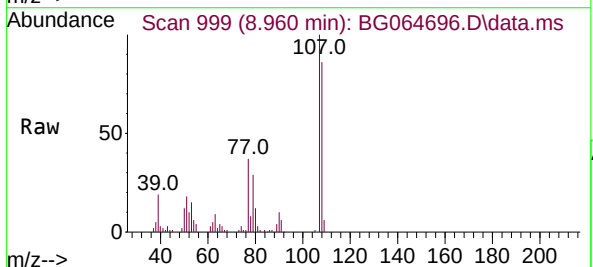
Tgt Ion: 70 Resp: 42013  
Ion Ratio Lower Upper  
70 100  
42 87.0 65.2 97.8  
101 10.7 7.9 11.9  
130 22.1 14.3 21.5#

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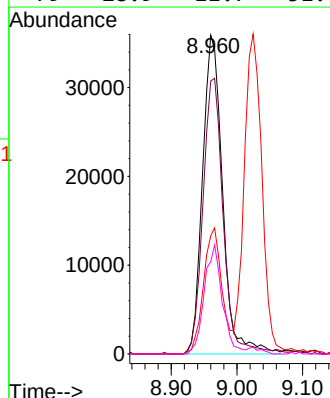
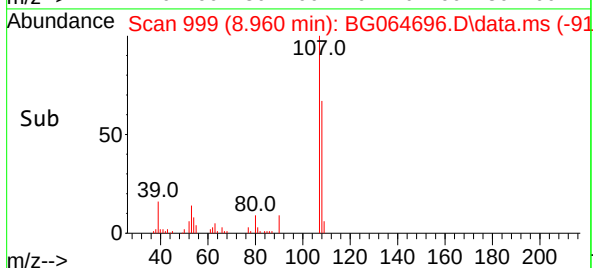
Reviewed By :Rahul Chavli 11/06/2025  
Supervised By :Jagrut Upadhyay 11/06/2025

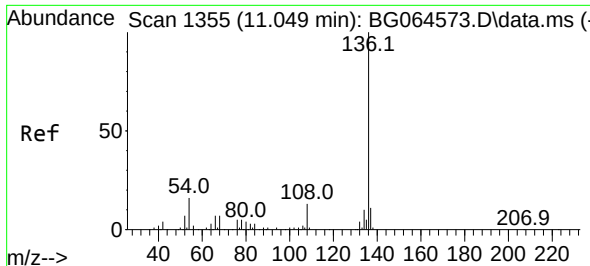


#20  
3+4-Methylphenols  
Concen: 61.851 ng  
RT: 8.960 min Scan# 999  
Delta R.T. -0.015 min  
Lab File: BG064696.D  
Acq: 5 Nov 2025 22:10



Tgt Ion:107 Resp: 76086  
Ion Ratio Lower Upper  
107 100  
108 85.7 70.3 110.3  
77 37.1 14.6 54.6  
79 28.9 11.7 51.7





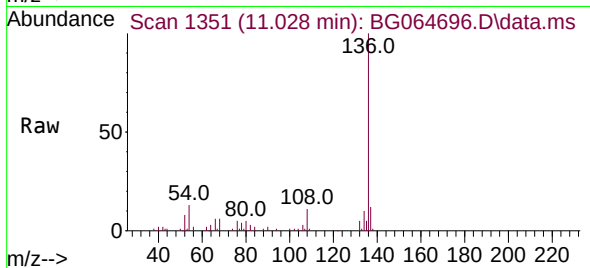
#21  
Naphthalene-d8  
Concen: 20.000 ng  
RT: 11.028 min Scan# 1355  
Delta R.T. -0.021 min  
Lab File: BG064696.D  
Acq: 5 Nov 2025 22:10

Instrument :

BNA\_G

ClientSampleId :

TP-2MS



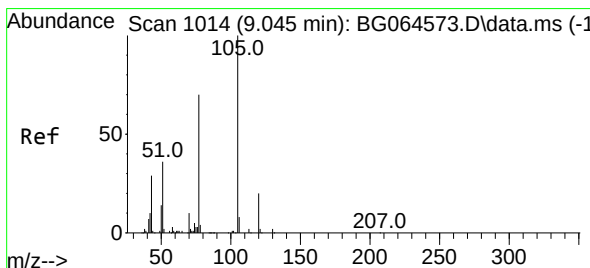
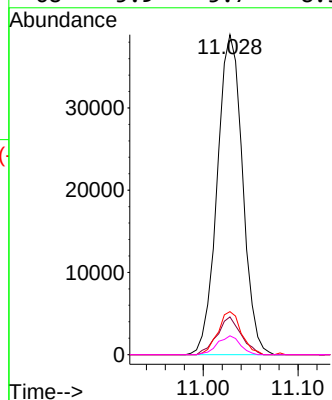
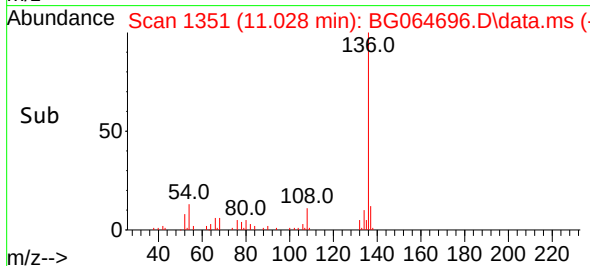
Tgt Ion:136 Resp: 72029  
Ion Ratio Lower Upper  
136 100  
137 11.8 9.2 13.8  
54 13.5 12.6 19.0  
68 5.9 5.7 8.5

Manual Integrations

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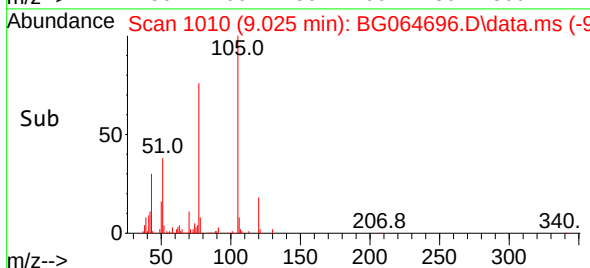
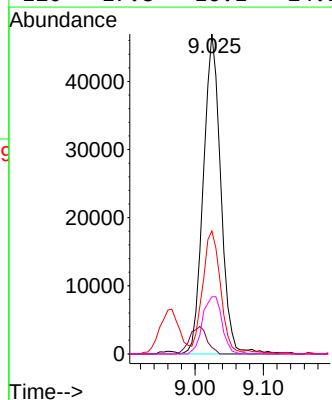
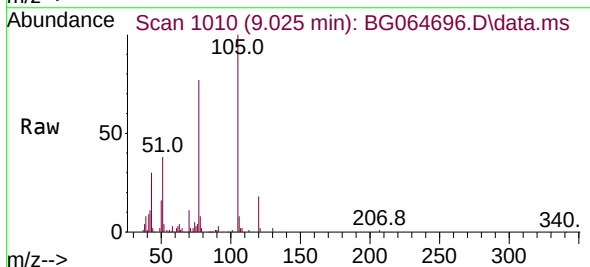
Reviewed By :Rahul Chavli 11/06/2025

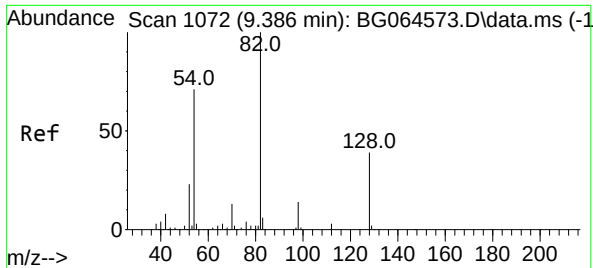
Supervised By :Jagrut Upadhyay 11/06/2025



#22  
Acetophenone  
Concen: 42.425 ng  
RT: 9.025 min Scan# 1010  
Delta R.T. -0.021 min  
Lab File: BG064696.D  
Acq: 5 Nov 2025 22:10

Tgt Ion:105 Resp: 83535  
Ion Ratio Lower Upper  
105 100  
71 2.0 1.5 2.3  
51 38.4 33.7 50.5  
120 17.8 16.1 24.1





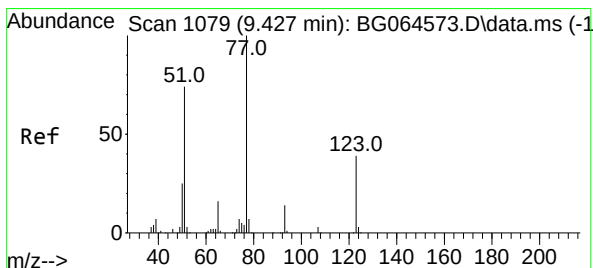
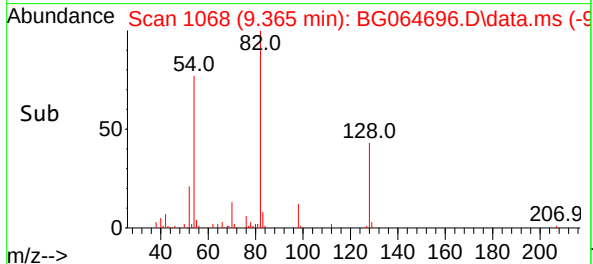
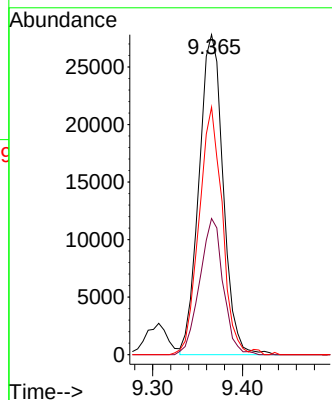
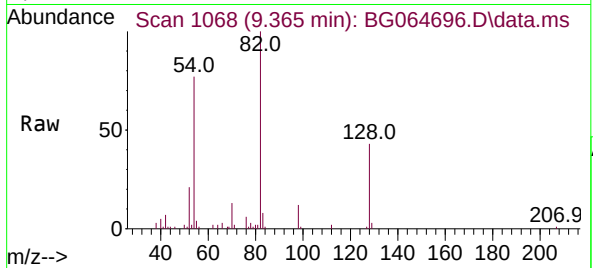
#23  
Nitrobenzene-d5  
Concen: 43.327 ng  
RT: 9.365 min Scan# 1068  
Delta R.T. -0.021 min  
Lab File: BG064696.D  
Acq: 5 Nov 2025 22:10

Instrument :  
BNA\_G  
ClientSampleId :  
TP-2MS

Tgt Ion: 82 Resp: 51959  
Ion Ratio Lower Upper  
82 100  
128 42.5 31.3 46.9  
54 77.3 56.6 84.8

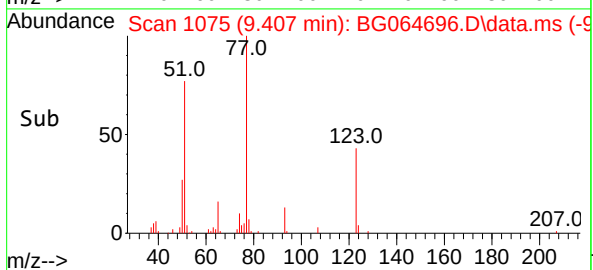
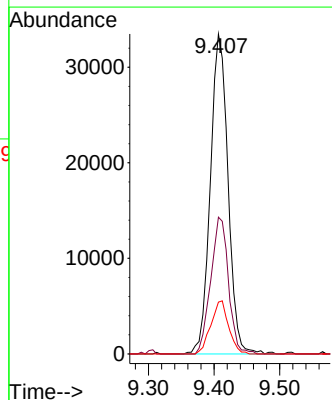
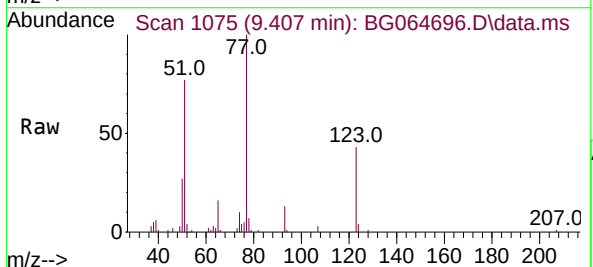
Manual Integrations  
APPROVED

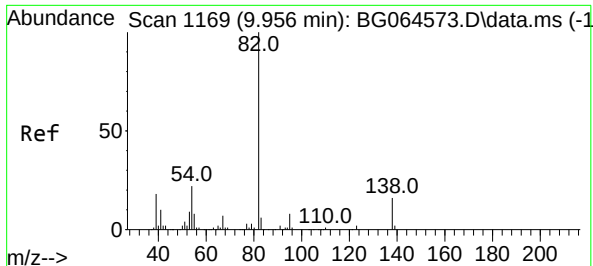
Reviewed By :Rahul Chavli 11/06/2025  
Supervised By :Jagrut Upadhyay 11/06/2025



#24  
Nitrobenzene  
Concen: 48.064 ng  
RT: 9.407 min Scan# 1075  
Delta R.T. -0.021 min  
Lab File: BG064696.D  
Acq: 5 Nov 2025 22:10

Tgt Ion: 77 Resp: 62692  
Ion Ratio Lower Upper  
77 100  
123 42.7 31.0 46.6  
65 16.2 12.7 19.1





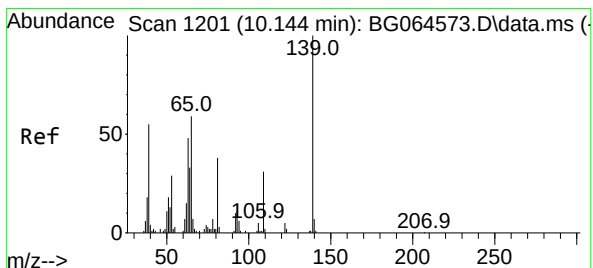
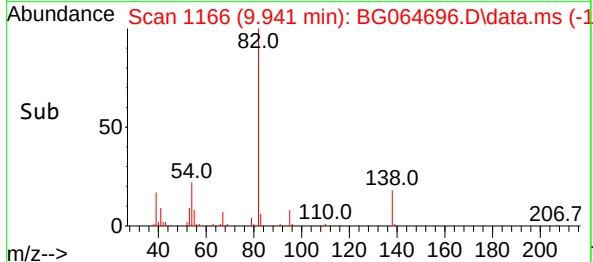
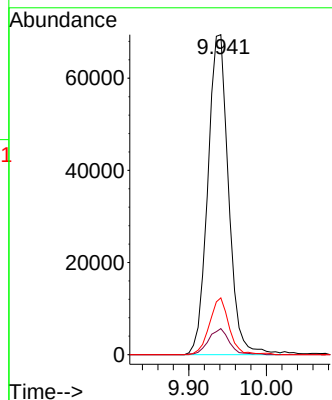
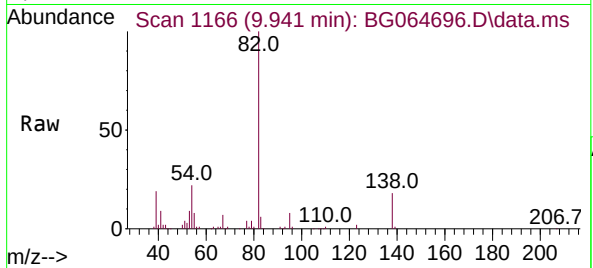
#25  
Isophorone  
Concen: 44.763 ng  
RT: 9.941 min Scan# 1166  
Delta R.T. -0.015 min  
Lab File: BG064696.D  
Acq: 5 Nov 2025 22:10

Instrument :  
BNA\_G  
ClientSampleId :  
TP-2MS

Tgt Ion: 82 Resp: 12881  
Ion Ratio Lower Upper  
82 100  
95 8.1 6.1 9.1  
138 17.7 13.0 19.4

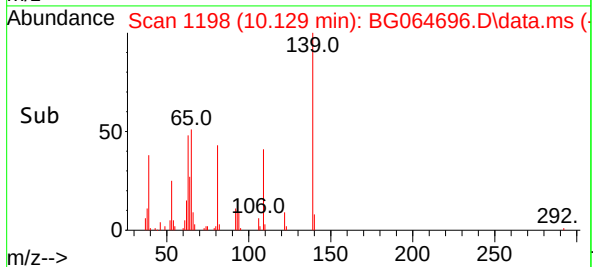
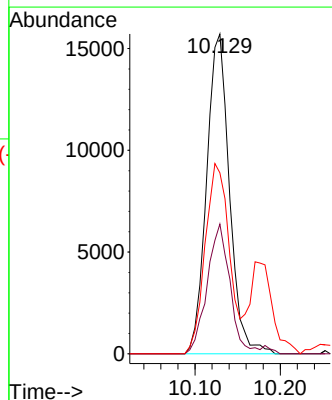
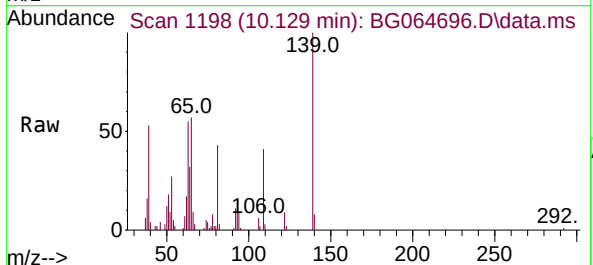
Manual Integrations  
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Reviewed By :Rahul Chavli 11/06/2025  
Supervised By :Jagrut Upadhyay 11/06/2025

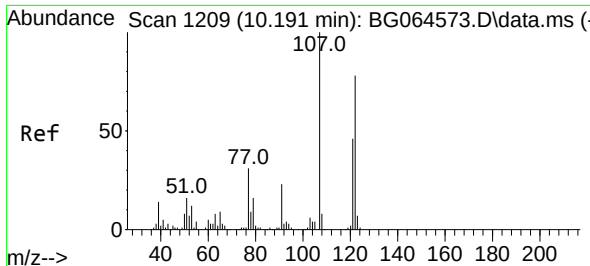


#26  
2-Nitrophenol  
Concen: 57.458 ng  
RT: 10.129 min Scan# 1198  
Delta R.T. -0.015 min  
Lab File: BG064696.D  
Acq: 5 Nov 2025 22:10

Tgt Ion:139 Resp: 29249  
Ion Ratio Lower Upper  
139 100  
109 40.6 24.6 37.0#  
65 56.6 47.5 71.3

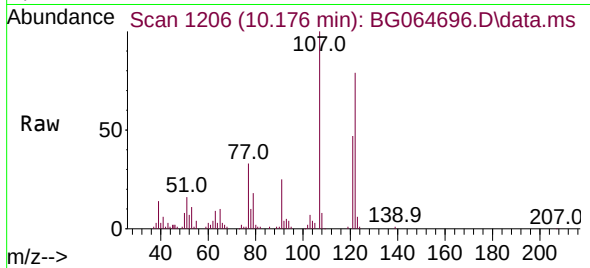






#27  
2,4-Dimethylphenol  
Concen: 55.138 ng  
RT: 10.176 min Scan# 1206  
Delta R.T. -0.015 min  
Lab File: BG064696.D  
Acq: 5 Nov 2025 22:10

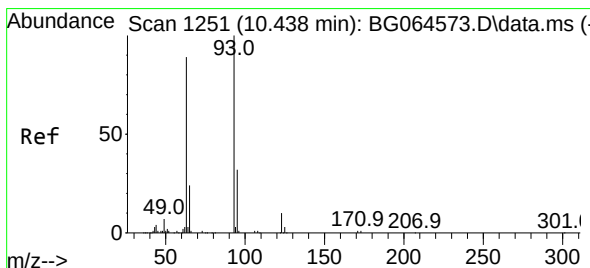
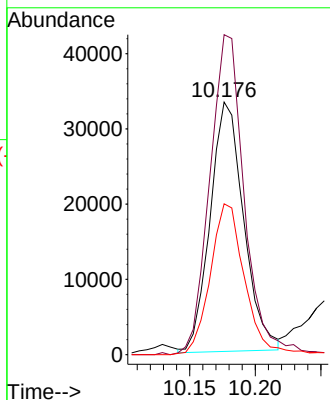
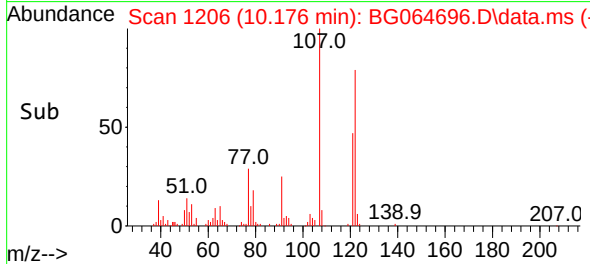
Instrument :  
BNA\_G  
ClientSampleId :  
TP-2MS



Tgt Ion:122 Resp: 59019  
Ion Ratio Lower Upper  
122 100  
107 126.7 103.0 154.4  
121 59.7 47.8 71.8

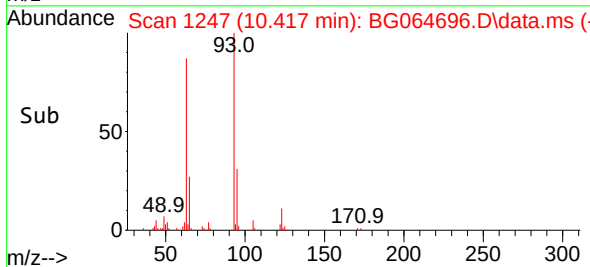
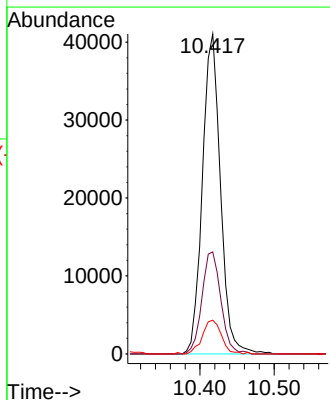
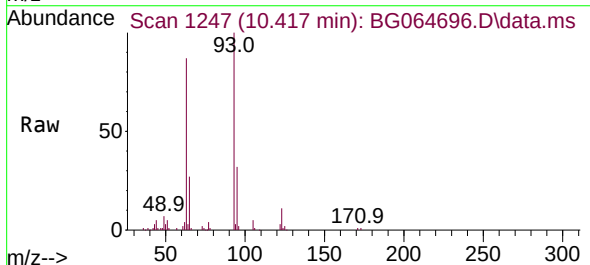
Manual Integrations  
APPROVED

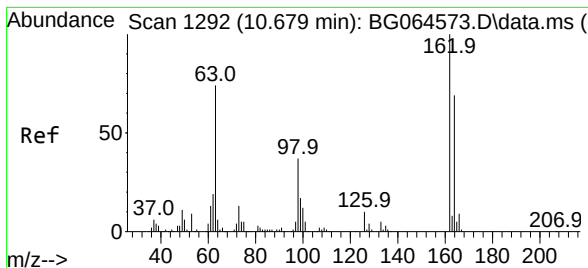
Reviewed By :Rahul Chavli 11/06/2025  
Supervised By :Jagrut Upadhyay 11/06/2025



#28  
bis(2-Chloroethoxy)methane  
Concen: 42.383 ng  
RT: 10.417 min Scan# 1247  
Delta R.T. -0.021 min  
Lab File: BG064696.D  
Acq: 5 Nov 2025 22:10

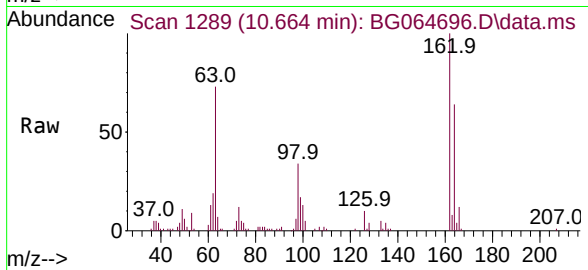
Tgt Ion: 93 Resp: 69441  
Ion Ratio Lower Upper  
93 100  
95 31.9 25.4 38.2  
123 10.5 8.4 12.6





#29  
2,4-Dichlorophenol  
Concen: 58.793 ng  
RT: 10.664 min Scan# 1289  
Delta R.T. -0.015 min  
Lab File: BG064696.D  
Acq: 5 Nov 2025 22:10

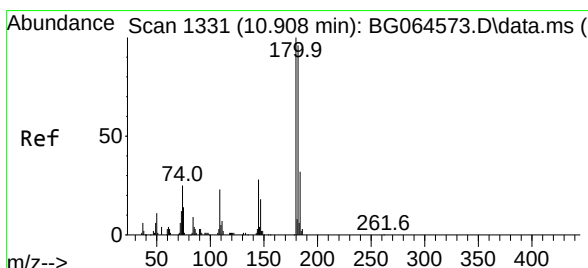
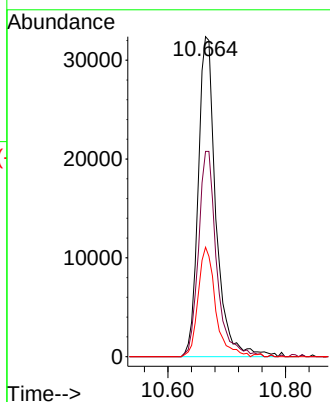
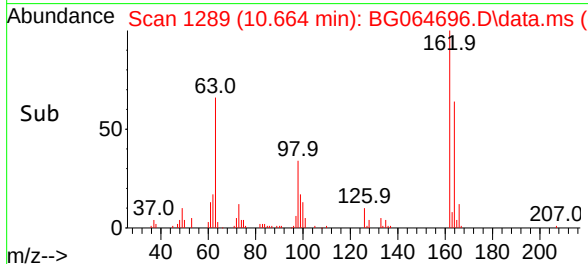
Instrument :  
BNA\_G  
ClientSampleId :  
TP-2MS



Tgt Ion:162 Resp: 6772  
Ion Ratio Lower Upper  
162 100  
164 64.1 48.7 88.7  
98 34.2 16.9 56.9

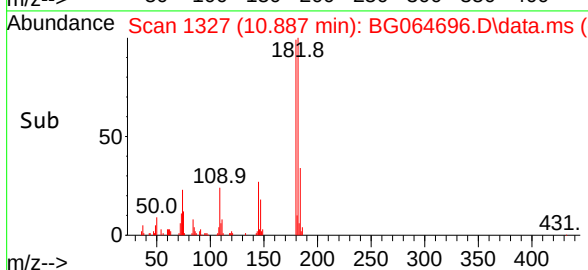
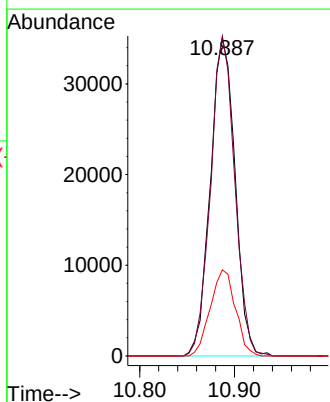
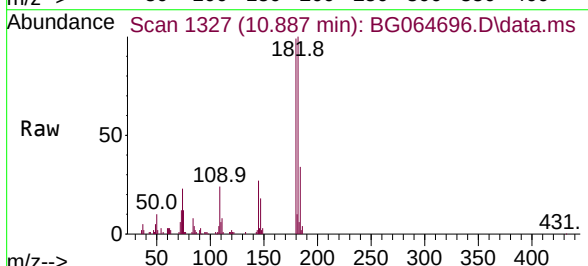
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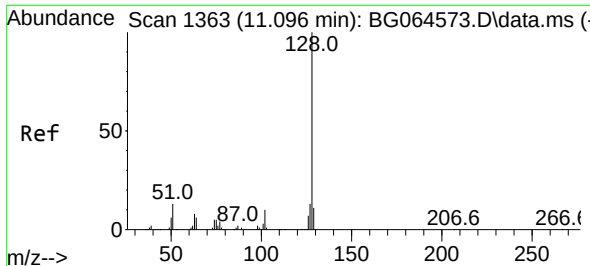
Reviewed By :Rahul Chavli 11/06/2025  
Supervised By :Jagrut Upadhyay 11/06/2025



#30  
1,2,4-Trichlorobenzene  
Concen: 48.434 ng  
RT: 10.887 min Scan# 1327  
Delta R.T. -0.021 min  
Lab File: BG064696.D  
Acq: 5 Nov 2025 22:10

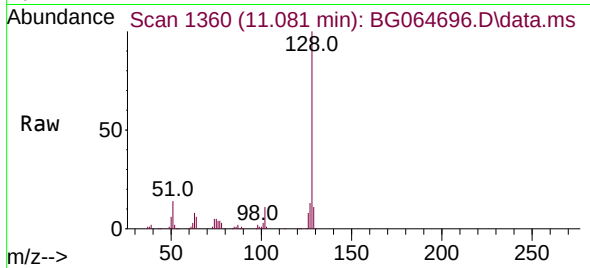
Tgt Ion:180 Resp: 63393  
Ion Ratio Lower Upper  
180 100  
182 100.6 76.9 115.3  
145 27.0 22.1 33.1





#31  
Naphthalene  
Concen: 43.788 ng  
RT: 11.081 min Scan# 1363  
Delta R.T. -0.015 min  
Lab File: BG064696.D  
Acq: 5 Nov 2025 22:10

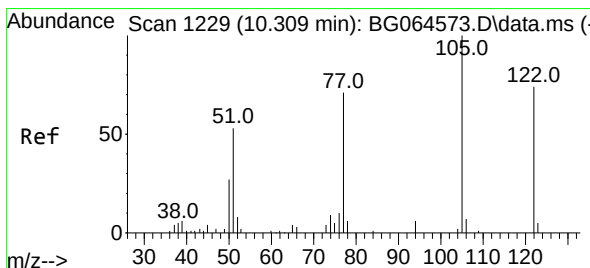
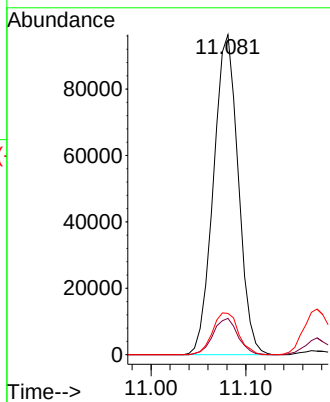
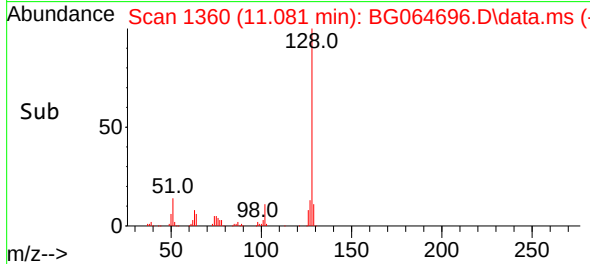
Instrument :  
BNA\_G  
ClientSampleId :  
TP-2MS



Tgt Ion:128 Resp: 17487  
Ion Ratio Lower Upper  
128 100  
129 11.3 8.8 13.2  
127 12.9 10.6 15.8

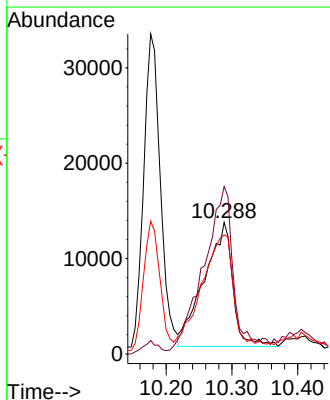
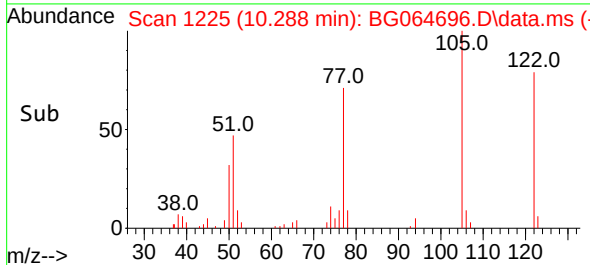
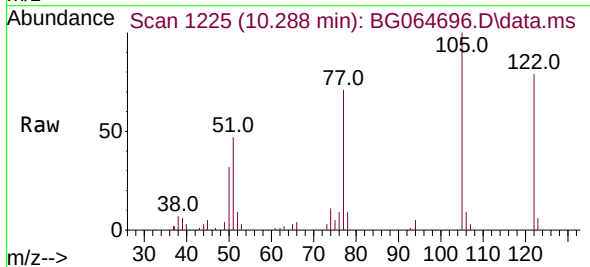
Manual Integrations  
APPROVED

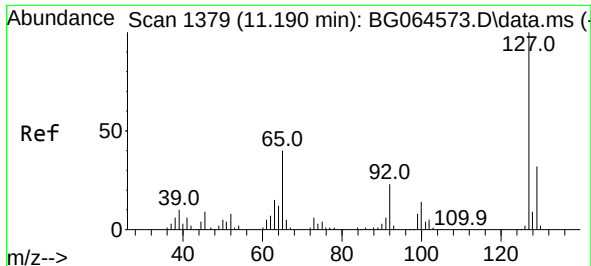
Reviewed By :Rahul Chavli 11/06/2025  
Supervised By :Jagrut Upadhyay 11/06/2025



#32  
Benzoic acid  
Concen: 48.345 ng m  
RT: 10.288 min Scan# 1225  
Delta R.T. -0.021 min  
Lab File: BG064696.D  
Acq: 5 Nov 2025 22:10

Tgt Ion:122 Resp: 39529  
Ion Ratio Lower Upper  
122 100  
105 127.3 104.2 144.2  
77 90.6 70.2 110.2





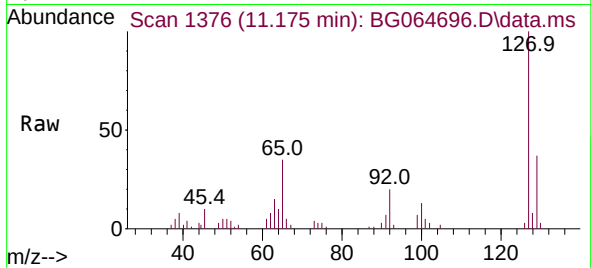
#33  
4-Chloroaniline  
Concen: 18.758 ng  
RT: 11.175 min Scan# 1379  
Delta R.T. -0.015 min  
Lab File: BG064696.D  
Acq: 5 Nov 2025 22:10

Instrument :

BNA\_G

ClientSampleId :

TP-2MS

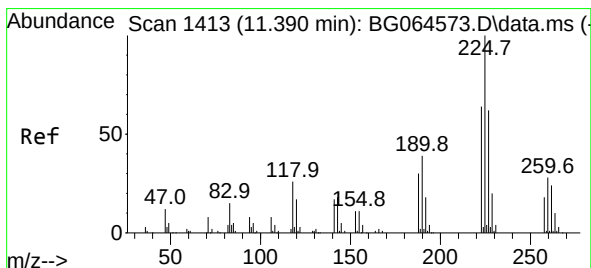
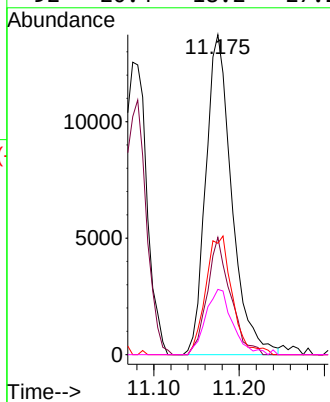
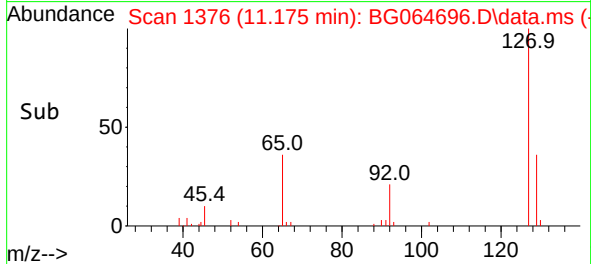


Tgt Ion:127 Resp: 29117  
Ion Ratio Lower Upper  
127 100  
129 36.6 25.5 38.3  
65 34.8 32.2 48.4  
92 20.4 18.2 27.2

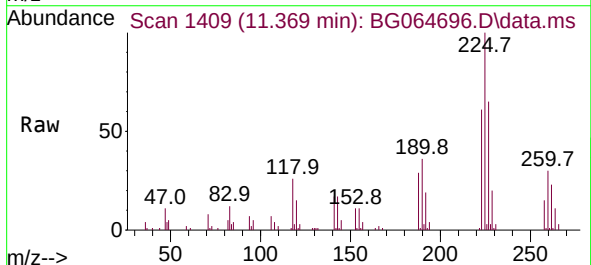
Manual Integrations

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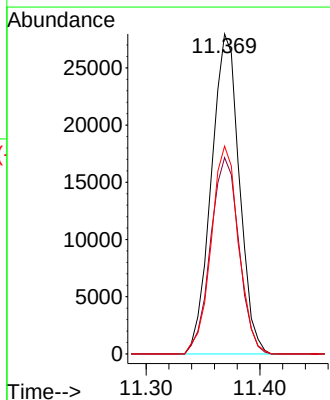
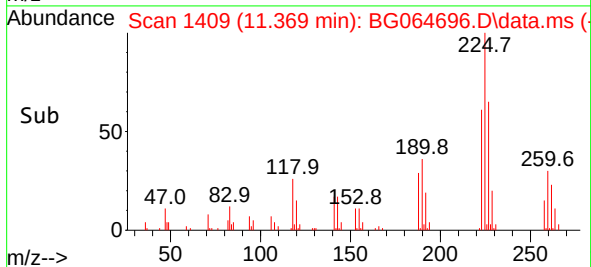
Reviewed By :Rahul Chavli 11/06/2025  
Supervised By :Jagrut Upadhyay 11/06/2025

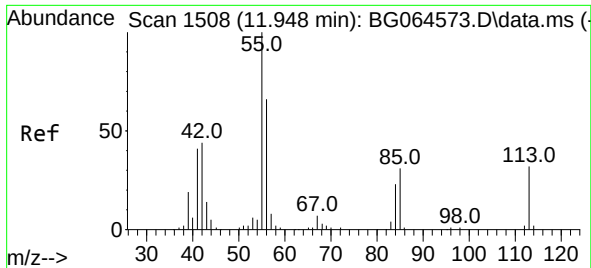


#34  
Hexachlorobutadiene  
Concen: 46.700 ng  
RT: 11.369 min Scan# 1409  
Delta R.T. -0.021 min  
Lab File: BG064696.D  
Acq: 5 Nov 2025 22:10



Tgt Ion:225 Resp: 47802  
Ion Ratio Lower Upper  
225 100  
223 61.3 48.8 73.2  
227 64.9 49.5 74.3





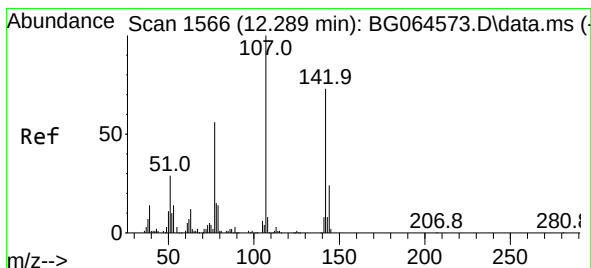
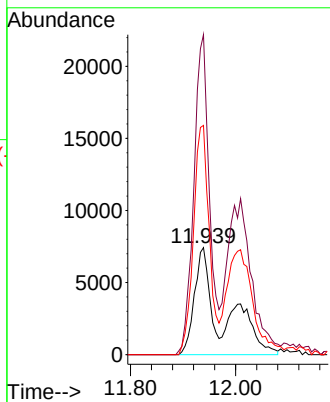
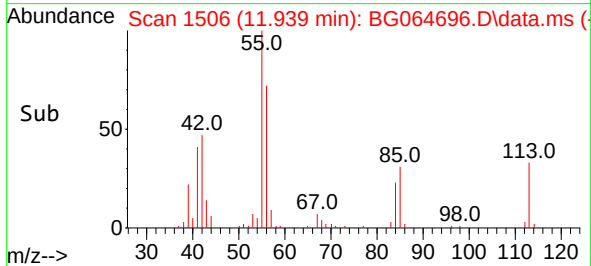
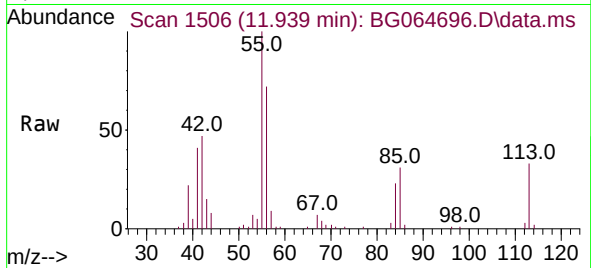
#35  
Caprolactam  
Concen: 61.398 ng m  
RT: 11.939 min Scan# 11  
Delta R.T. -0.009 min  
Lab File: BG064696.D  
Acq: 5 Nov 2025 22:10

Instrument :  
BNA\_G  
ClientSampleId :  
TP-2MS

Tgt Ion:113 Resp: 2712  
Ion Ratio Lower Upper  
113 100  
55 299.3 290.1 330.1  
56 214.4 183.8 223.8

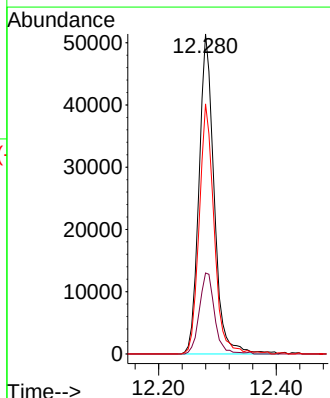
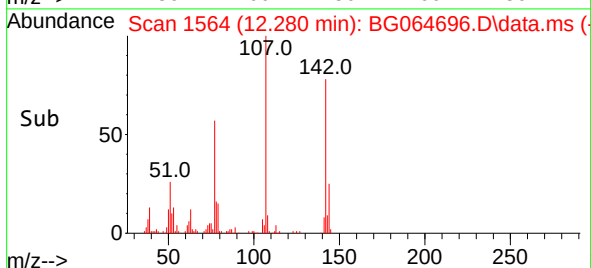
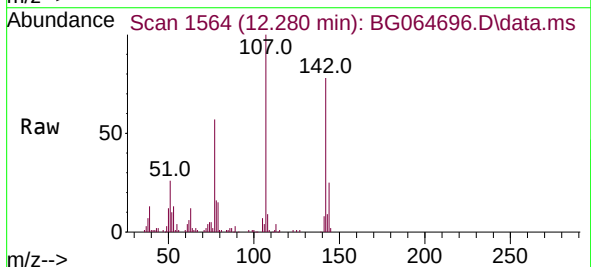
Manual Integrations  
APPROVED

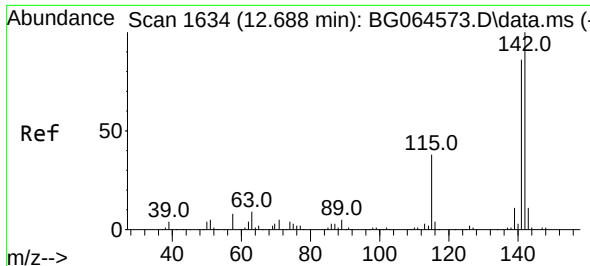
Reviewed By :Rahul Chavli 11/06/2025  
Supervised By :Jagrut Upadhyay 11/06/2025



#36  
4-Chloro-3-methylphenol  
Concen: 66.233 ng  
RT: 12.280 min Scan# 1564  
Delta R.T. -0.009 min  
Lab File: BG064696.D  
Acq: 5 Nov 2025 22:10

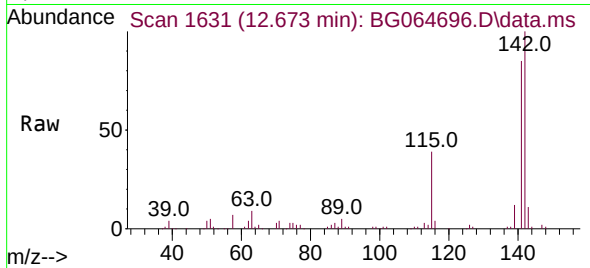
Tgt Ion:107 Resp: 91710  
Ion Ratio Lower Upper  
107 100  
144 25.3 19.1 28.7  
142 78.1 58.6 87.8





#37  
2-Methylnaphthalene  
Concen: 46.504 ng  
RT: 12.673 min Scan# 1631  
Delta R.T. -0.015 min  
Lab File: BG064696.D  
Acq: 5 Nov 2025 22:10

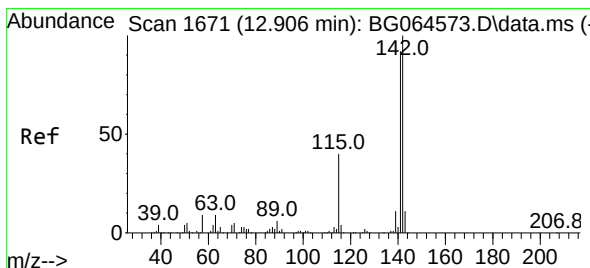
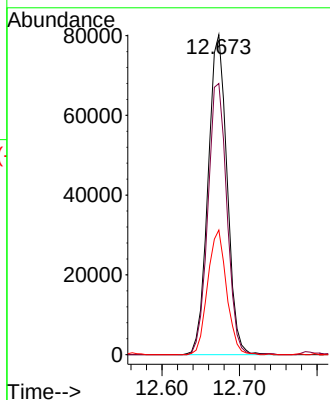
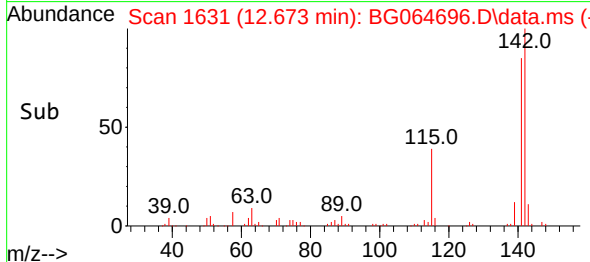
Instrument :  
BNA\_G  
ClientSampleId :  
TP-2MS



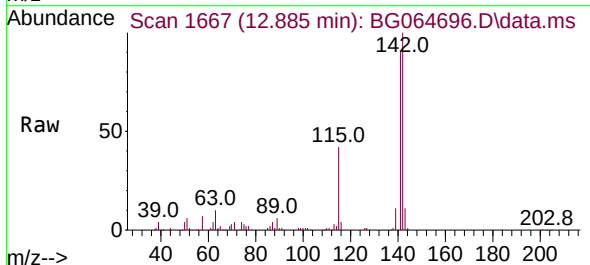
Tgt Ion:142 Resp: 136350  
Ion Ratio Lower Upper  
142 100  
141 84.7 68.9 103.3  
115 38.9 30.6 46.0

Manual Integrations  
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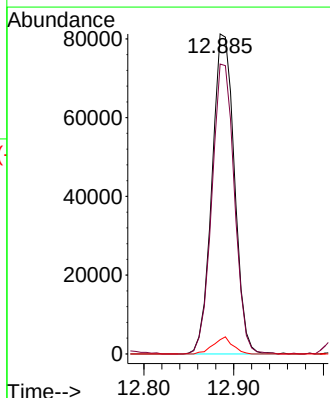
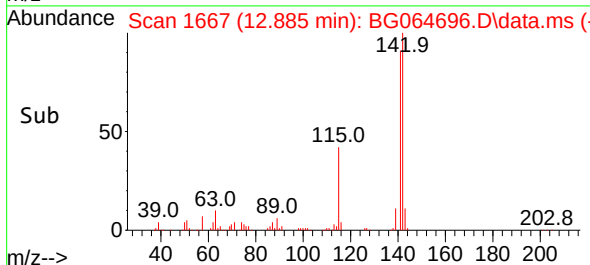
Reviewed By :Rahul Chavli 11/06/2025  
Supervised By :Jagrut Upadhyay 11/06/2025

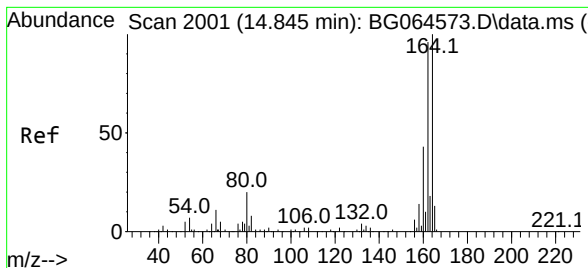


#38  
1-Methylnaphthalene  
Concen: 48.597 ng  
RT: 12.885 min Scan# 1667  
Delta R.T. -0.021 min  
Lab File: BG064696.D  
Acq: 5 Nov 2025 22:10



Tgt Ion:142 Resp: 141056  
Ion Ratio Lower Upper  
142 100  
141 90.6 73.3 109.9  
116 4.4 3.1 4.7





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.824 min Scan# 1997

Delta R.T. -0.021 min

Lab File: BG064696.D

Acq: 5 Nov 2025 22:10

Instrument :

BNA\_G

ClientSampleId :

TP-2MS

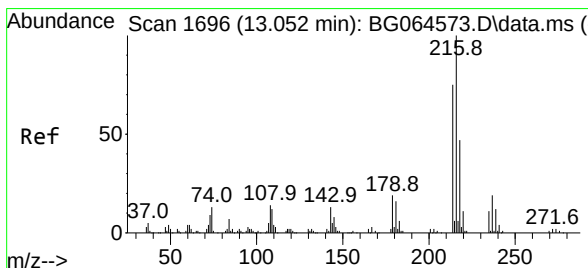
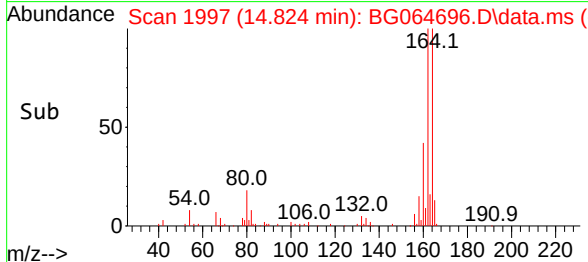
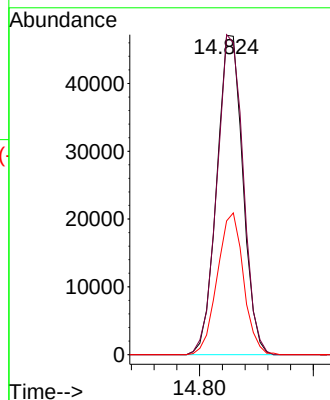
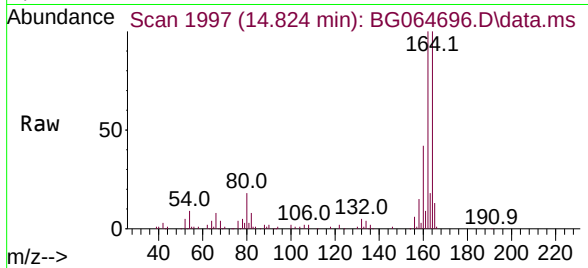
Tgt Ion:164 Resp: 74889  
 Ion Ratio Lower Upper  
 164 100  
 162 100.2 77.0 115.6  
 160 41.9 34.4 51.6

Manual Integrations

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Reviewed By :Rahul Chavli 11/06/2025

Supervised By :Jagrut Upadhyay 11/06/2025



#40

1,2,4,5-Tetrachlorobenzene

Concen: 42.556 ng

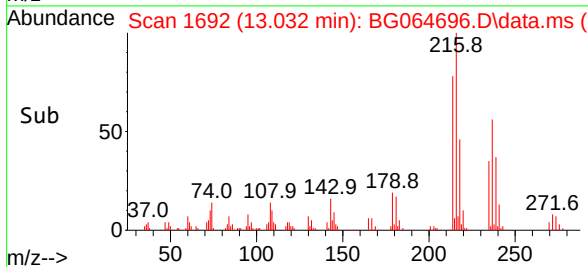
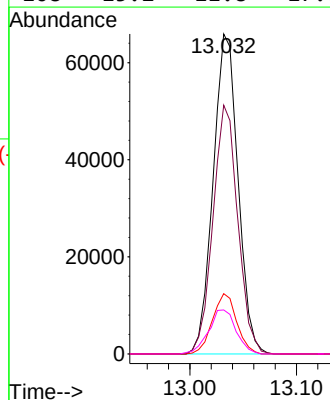
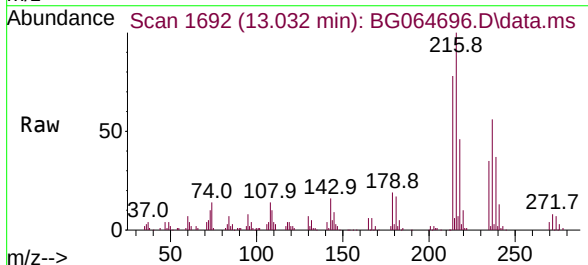
RT: 13.032 min Scan# 1692

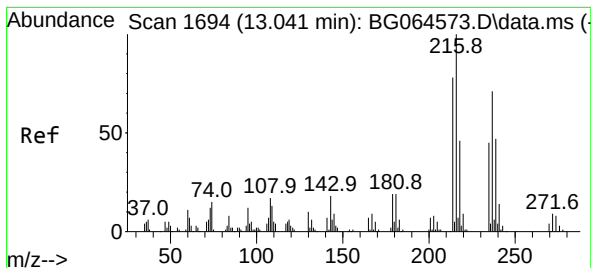
Delta R.T. -0.021 min

Lab File: BG064696.D

Acq: 5 Nov 2025 22:10

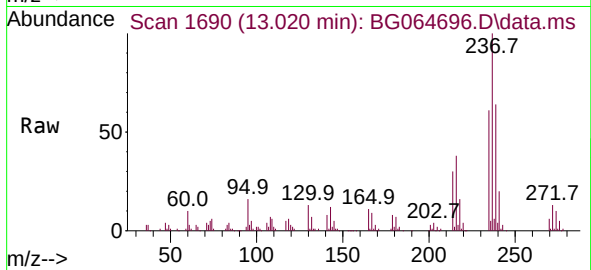
Tgt Ion:216 Resp: 106958  
 Ion Ratio Lower Upper  
 216 100  
 214 77.5 61.4 92.2  
 179 18.3 15.4 23.0  
 108 15.2 11.8 17.6





#41  
Hexachlorocyclopentadiene  
Concen: 106.872 ng  
RT: 13.020 min Scan# 10  
Delta R.T. -0.021 min  
Lab File: BG064696.D  
Acq: 5 Nov 2025 22:10

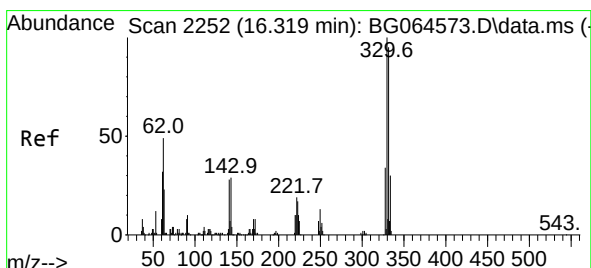
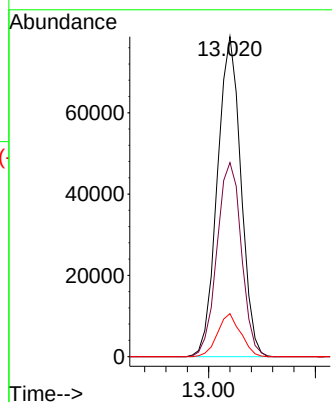
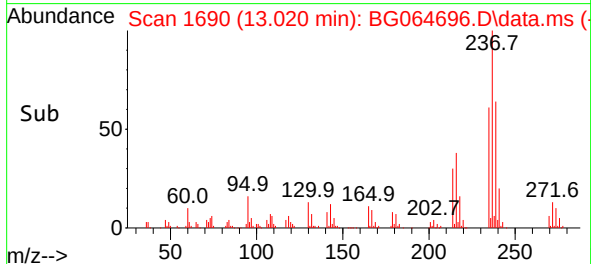
Instrument :  
BNA\_G  
ClientSampleId :  
TP-2MS



Tgt Ion:237 Resp: 120900  
Ion Ratio Lower Upper  
237 100  
235 60.6 44.1 84.1  
272 13.4 0.0 32.4

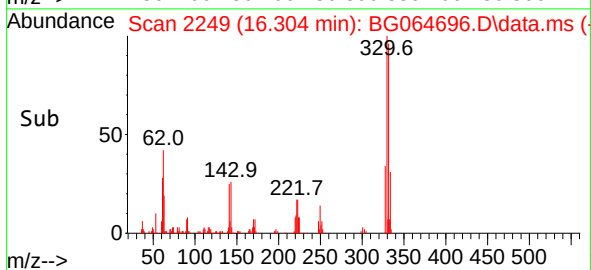
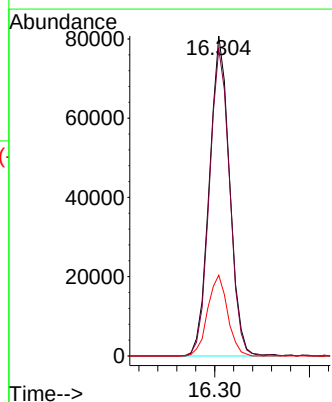
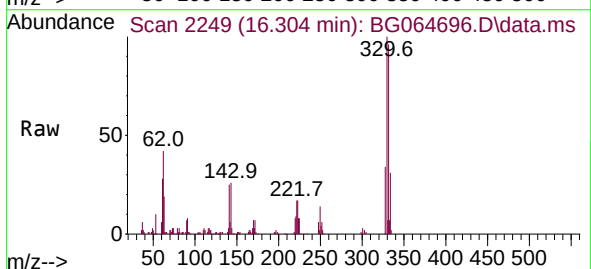
Manual Integrations  
APPROVED

Reviewed By :Rahul Chavli 11/06/2025  
Supervised By :Jagrut Upadhyay 11/06/2025

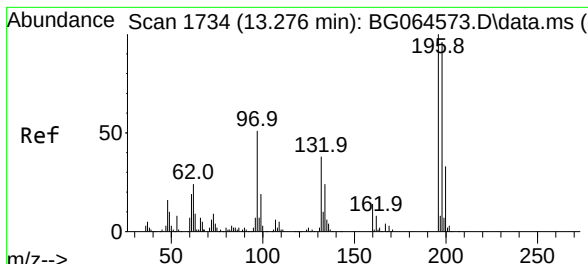


#42  
2,4,6-Tribromophenol  
Concen: 110.692 ng  
RT: 16.304 min Scan# 2249  
Delta R.T. -0.015 min  
Lab File: BG064696.D  
Acq: 5 Nov 2025 22:10

Tgt Ion:330 Resp: 119644  
Ion Ratio Lower Upper  
330 100  
332 95.9 78.0 117.0  
141 24.8 21.8 32.6

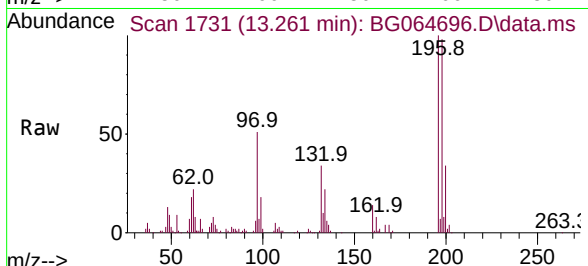






#43  
2,4,6-Trichlorophenol  
Concen: 55.470 ng  
RT: 13.261 min Scan# 1731  
Delta R.T. -0.015 min  
Lab File: BG064696.D  
Acq: 5 Nov 2025 22:10

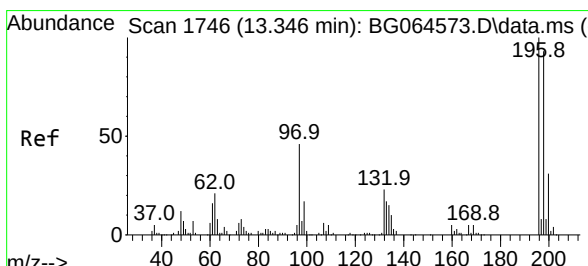
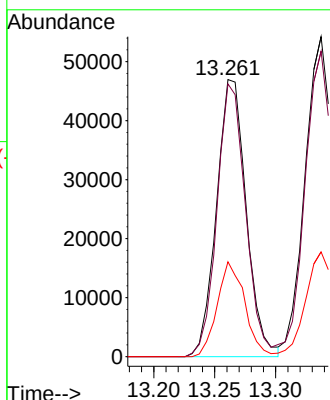
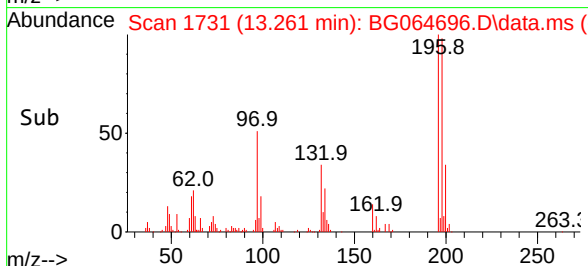
Instrument :  
BNA\_G  
ClientSampleId :  
TP-2MS



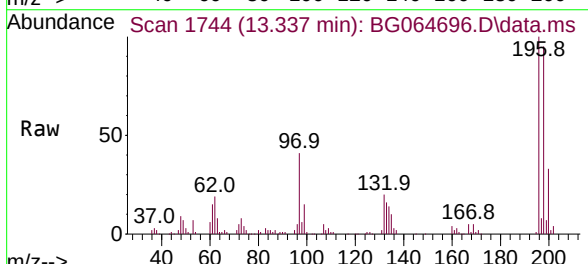
Tgt Ion:196 Resp: 79746  
Ion Ratio Lower Upper  
196 100  
198 98.4 76.6 115.0  
200 34.2 26.0 39.0

Manual Integrations  
APPROVED

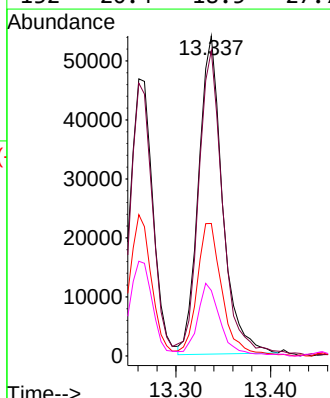
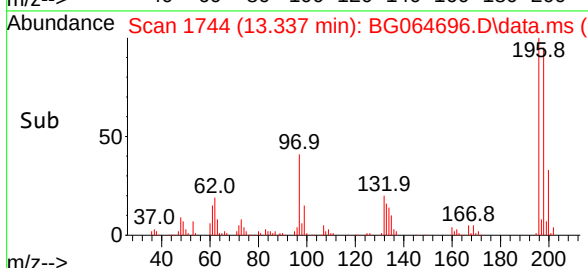
Reviewed By :Rahul Chavli 11/06/2025  
Supervised By :Jagrut Upadhyay 11/06/2025

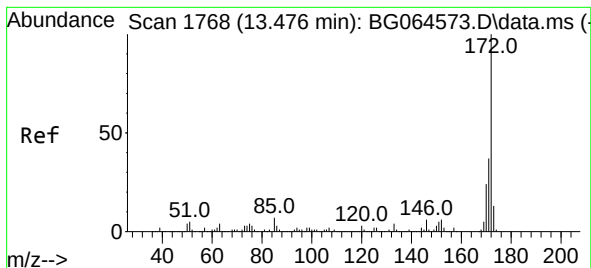


#44  
2,4,5-Trichlorophenol  
Concen: 57.064 ng  
RT: 13.337 min Scan# 1744  
Delta R.T. -0.009 min  
Lab File: BG064696.D  
Acq: 5 Nov 2025 22:10



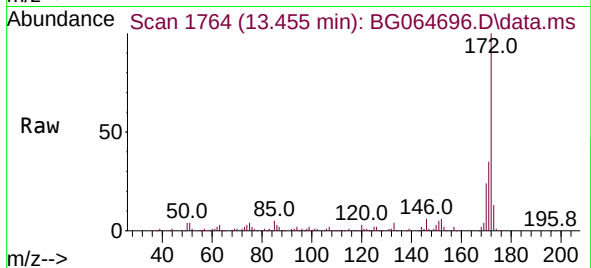
Tgt Ion:196 Resp: 94671  
Ion Ratio Lower Upper  
196 100  
198 95.4 74.2 111.4  
97 41.4 37.0 55.6  
132 20.4 18.5 27.7





#45  
2-Fluorobiphenyl  
Concen: 31.980 ng  
RT: 13.455 min Scan# 1764  
Delta R.T. -0.021 min  
Lab File: BG064696.D  
Acq: 5 Nov 2025 22:10

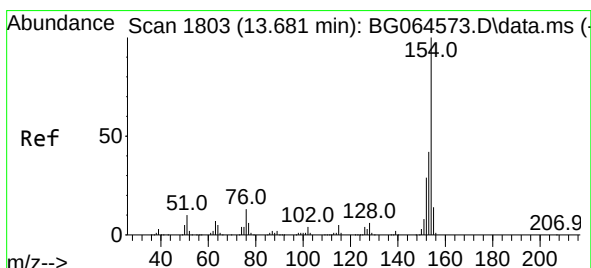
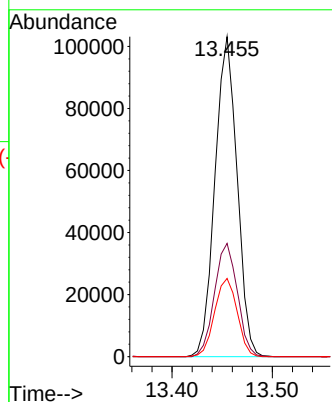
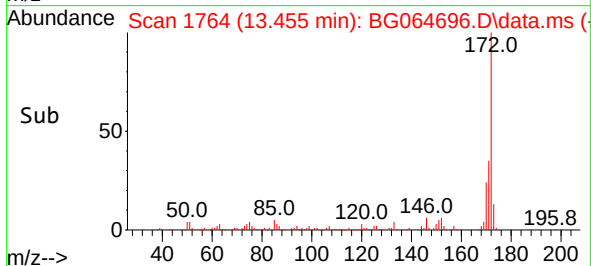
Instrument :  
BNA\_G  
ClientSampleId :  
TP-2MS



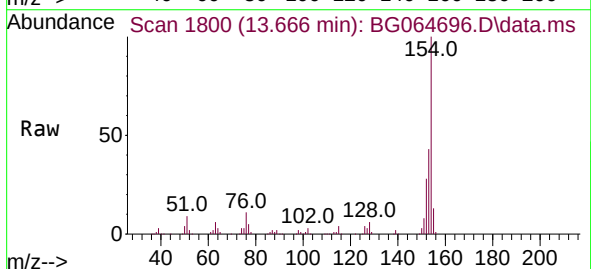
Tgt Ion:172 Resp: 158003  
Ion Ratio Lower Upper  
172 100  
171 35.4 29.4 44.0  
170 24.4 19.1 28.7

Manual Integrations  
APPROVED

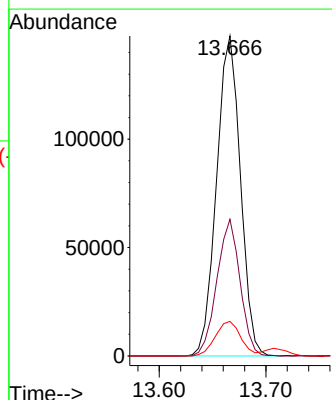
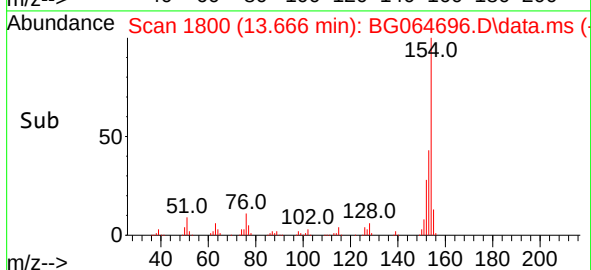
Reviewed By :Rahul Chavli 11/06/2025  
Supervised By :Jagrut Upadhyay 11/06/2025

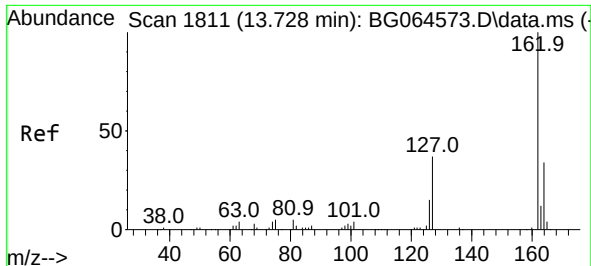


#46  
1,1'-Biphenyl  
Concen: 43.082 ng  
RT: 13.666 min Scan# 1800  
Delta R.T. -0.015 min  
Lab File: BG064696.D  
Acq: 5 Nov 2025 22:10



Tgt Ion:154 Resp: 229375  
Ion Ratio Lower Upper  
154 100  
153 42.7 22.4 62.4  
76 10.8 0.0 33.5





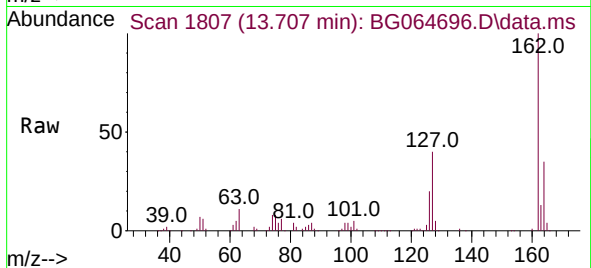
#47  
2-Chloronaphthalene  
Concen: 42.682 ng  
RT: 13.707 min Scan# 1811  
Delta R.T. -0.021 min  
Lab File: BG064696.D  
Acq: 5 Nov 2025 22:10

Instrument :

BNA\_G

ClientSampleId :

TP-2MS



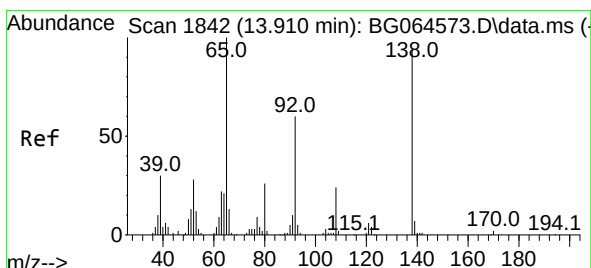
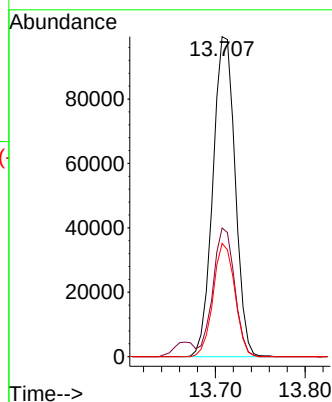
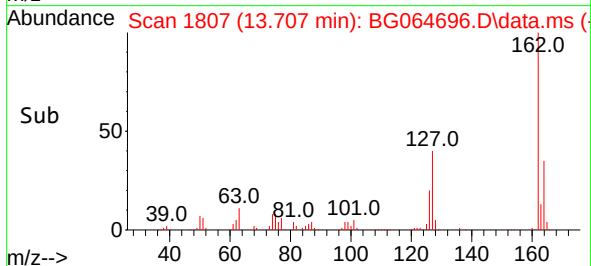
Tgt Ion:162 Resp: 171531  
Ion Ratio Lower Upper  
162 100  
127 40.2 32.2 48.2  
164 35.4 27.5 41.3

Manual Integrations

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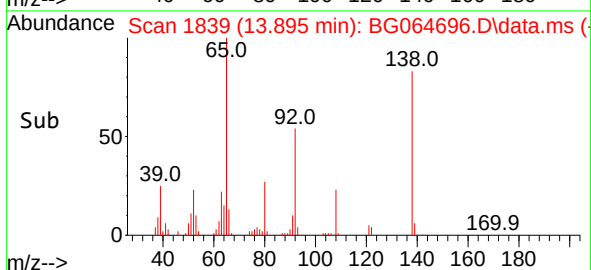
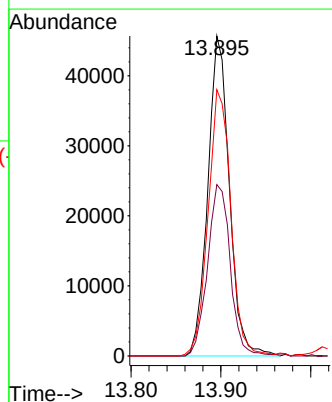
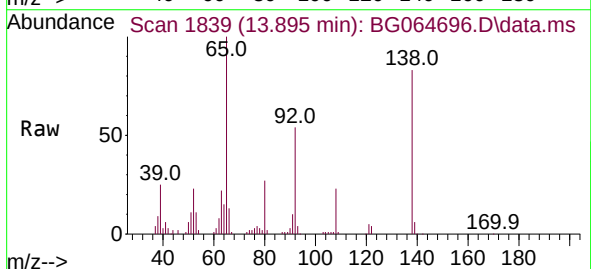
Reviewed By :Rahul Chavli 11/06/2025

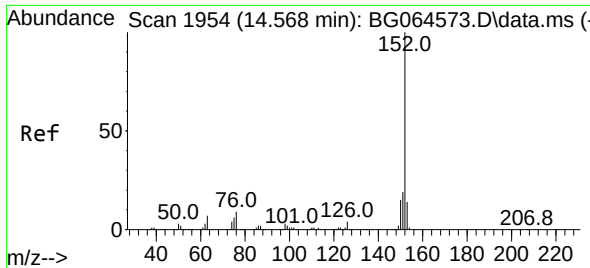
Supervised By :Jagrut Upadhyay 11/06/2025



#48  
2-Nitroaniline  
Concen: 55.856 ng  
RT: 13.895 min Scan# 1839  
Delta R.T. -0.015 min  
Lab File: BG064696.D  
Acq: 5 Nov 2025 22:10

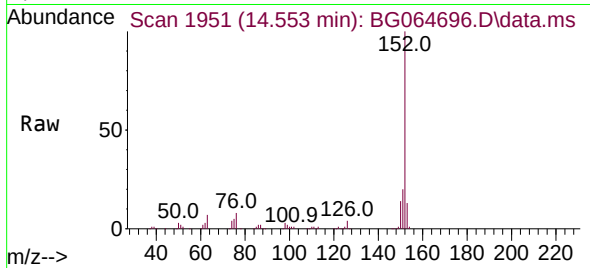
Tgt Ion: 65 Resp: 76121  
Ion Ratio Lower Upper  
65 100  
92 53.5 48.3 72.5  
138 83.2 74.9 112.3





#49  
Acenaphthylene  
Concen: 54.350 ng  
RT: 14.553 min Scan# 1951  
Delta R.T. -0.015 min  
Lab File: BG064696.D  
Acq: 5 Nov 2025 22:10

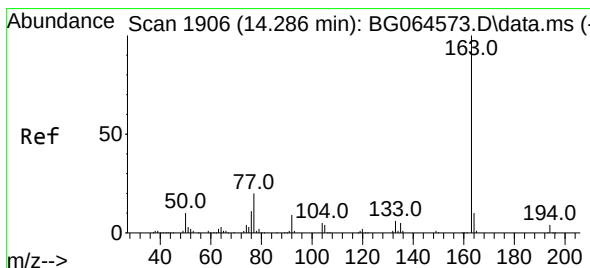
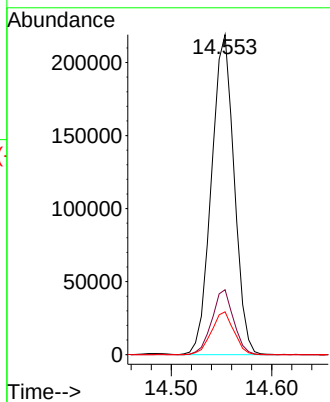
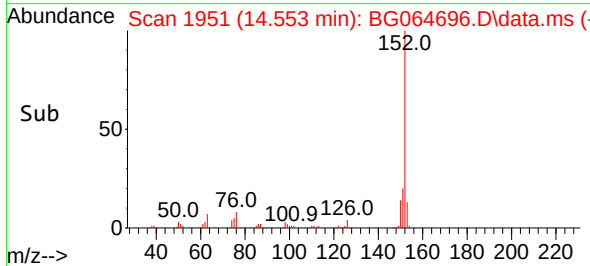
Instrument :  
BNA\_G  
ClientSampleId :  
TP-2MS



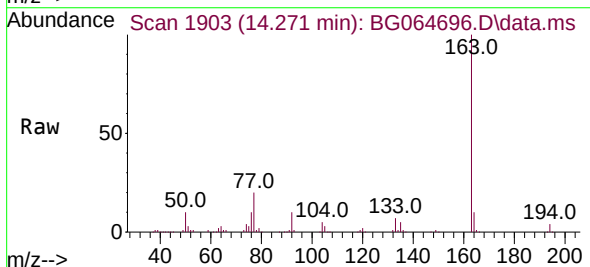
Tgt Ion:152 Resp: 344520  
Ion Ratio Lower Upper  
152 100  
151 20.3 15.4 23.2  
153 13.4 11.0 16.4

Manual Integrations  
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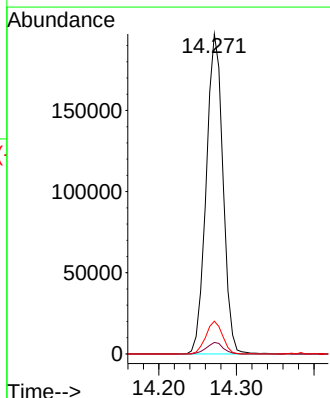
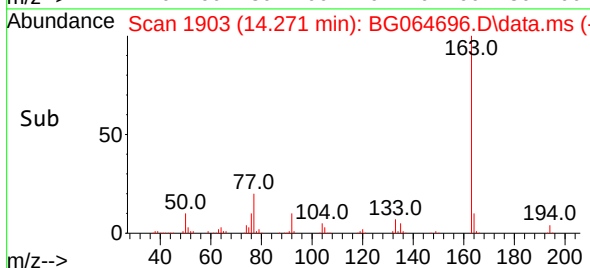
Reviewed By :Rahul Chavli 11/06/2025  
Supervised By :Jagrut Upadhyay 11/06/2025

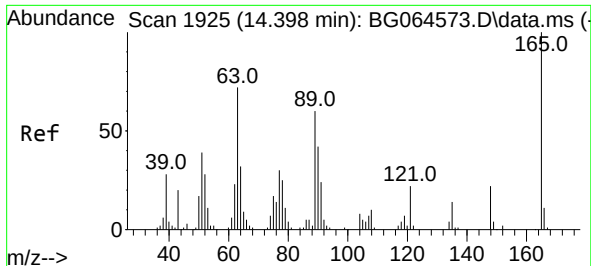


#50  
Dimethylphthalate  
Concen: 51.444 ng  
RT: 14.271 min Scan# 1903  
Delta R.T. -0.015 min  
Lab File: BG064696.D  
Acq: 5 Nov 2025 22:10



Tgt Ion:163 Resp: 294799  
Ion Ratio Lower Upper  
163 100  
194 3.6 2.8 4.2  
164 10.2 7.7 11.5





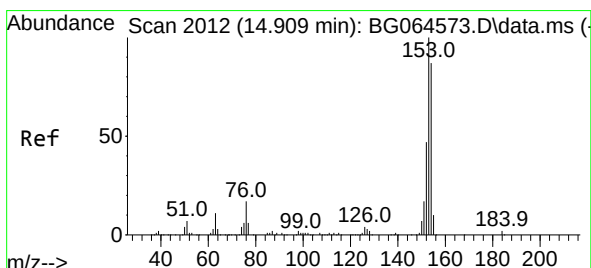
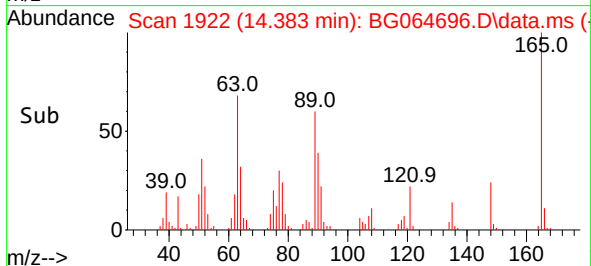
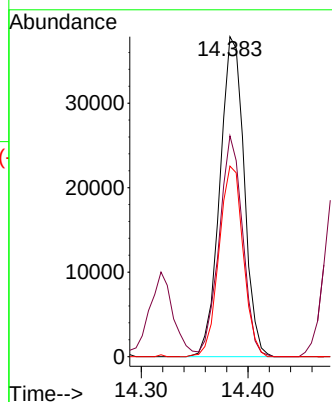
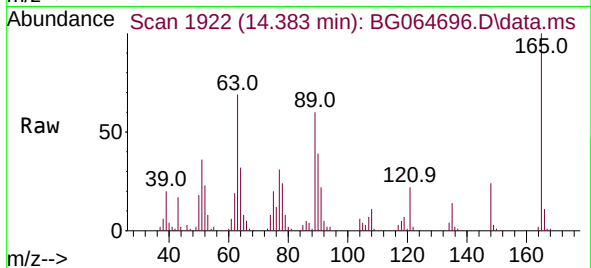
#51  
2,6-Dinitrotoluene  
Concen: 62.406 ng  
RT: 14.383 min Scan# 1925  
Delta R.T. -0.015 min  
Lab File: BG064696.D  
Acq: 5 Nov 2025 22:10

Instrument :  
BNA\_G  
ClientSampleId :  
TP-2MS

Tgt Ion:165 Resp: 59978  
Ion Ratio Lower Upper  
165 100  
63 69.0 57.4 86.0  
89 59.5 47.8 71.8

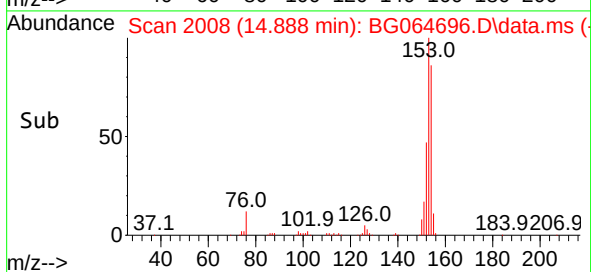
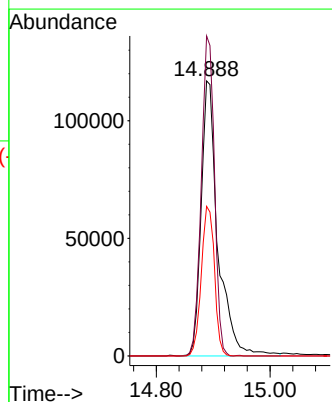
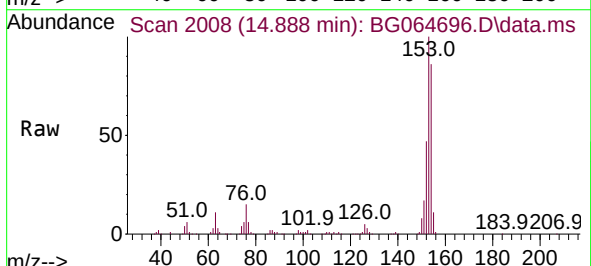
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APPROVED

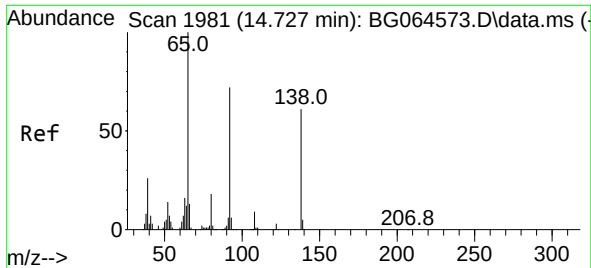
Reviewed By :Rahul Chavli 11/06/2025  
Supervised By :Jagrut Upadhyay 11/06/2025



#52  
Acenaphthene  
Concen: 55.194 ng  
RT: 14.888 min Scan# 2008  
Delta R.T. -0.021 min  
Lab File: BG064696.D  
Acq: 5 Nov 2025 22:10

Tgt Ion:154 Resp: 239036  
Ion Ratio Lower Upper  
154 100  
153 116.4 92.2 138.4  
152 54.4 43.2 64.8





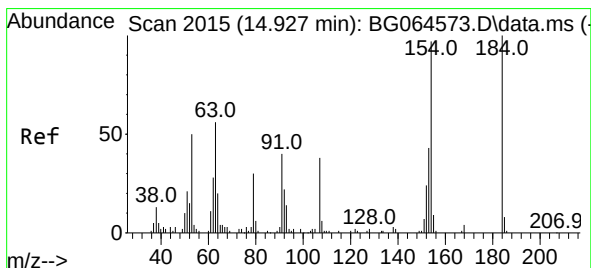
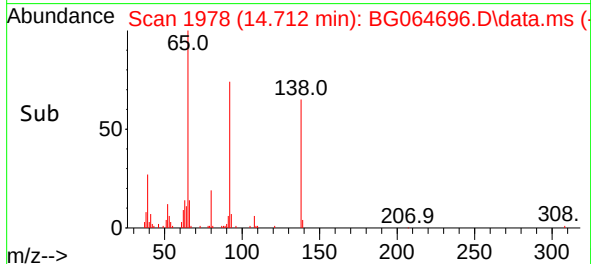
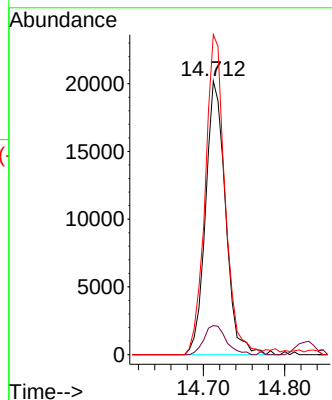
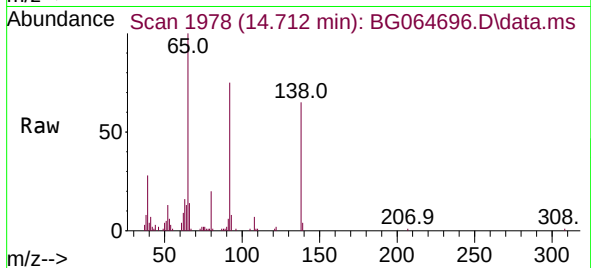
#53  
3-Nitroaniline  
Concen: 35.136 ng  
RT: 14.712 min Scan# 1981  
Delta R.T. -0.015 min  
Lab File: BG064696.D  
Acq: 5 Nov 2025 22:10

Instrument :  
BNA\_G  
ClientSampleId :  
TP-2MS

Tgt Ion:138 Resp: 34603  
Ion Ratio Lower Upper  
138 100  
108 10.6 11.4 17.0  
92 116.9 95.3 142.9

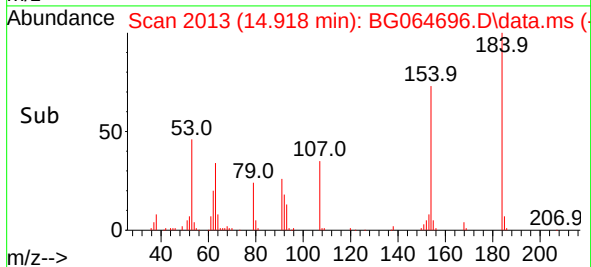
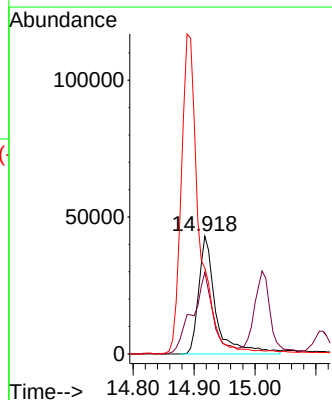
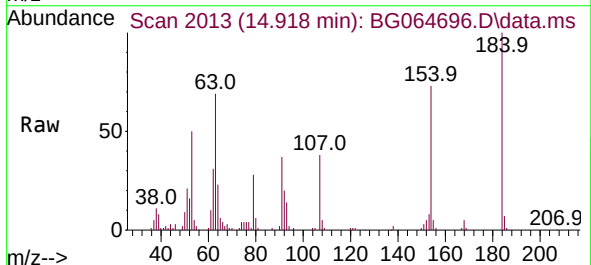
Manual Integrations  
APPROVED

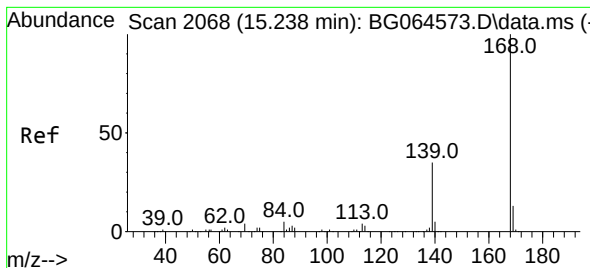
Reviewed By :Rahul Chavli 11/06/2025  
Supervised By :Jagrut Upadhyay 11/06/2025



#54  
2,4-Dinitrophenol  
Concen: 140.901 ng  
RT: 14.918 min Scan# 2013  
Delta R.T. -0.009 min  
Lab File: BG064696.D  
Acq: 5 Nov 2025 22:10

Tgt Ion:184 Resp: 84397  
Ion Ratio Lower Upper  
184 100  
63 69.3 56.6 85.0  
154 73.1 158.6 238.0#





#55

Dibenzenofuran

Concen: 49.951 ng

RT: 15.223 min Scan# 2065

Delta R.T. -0.015 min

Lab File: BG064696.D

Acq: 5 Nov 2025 22:10

Instrument :

BNA\_G

ClientSampleId :

TP-2MS

Tgt Ion:168 Resp: 34974

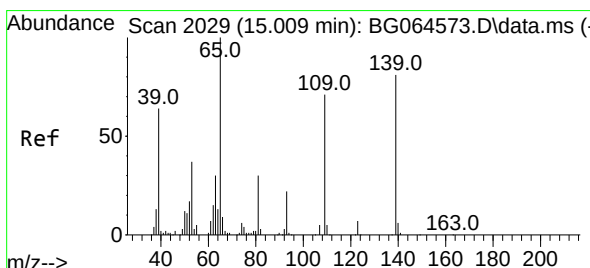
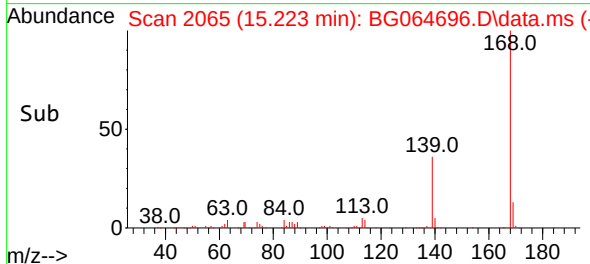
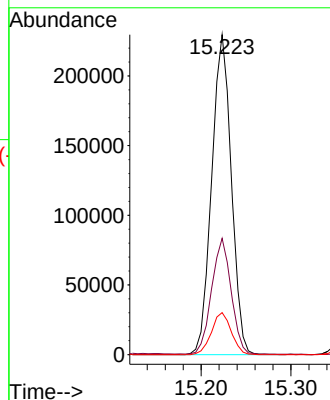
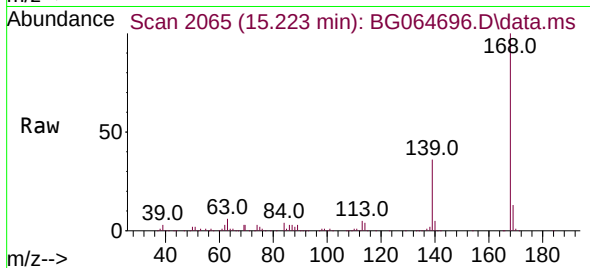
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 168 | 100   |       |       |
| 139 | 36.3  | 27.8  | 41.8  |
| 169 | 13.1  | 10.3  | 15.5  |

Manual Integrations

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Reviewed By :Rahul Chavli 11/06/2025

Supervised By :Jagrut Upadhyay 11/06/2025



#56

4-Nitrophenol

Concen: 141.594 ng

RT: 15.012 min Scan# 2029

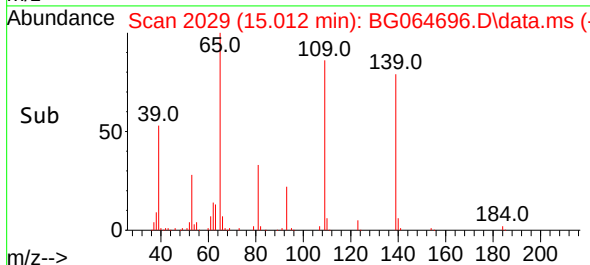
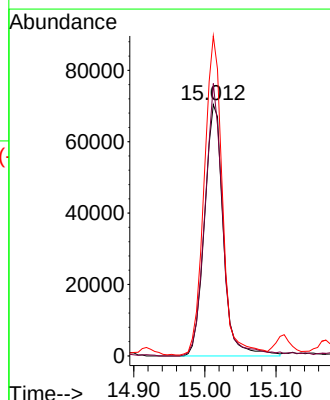
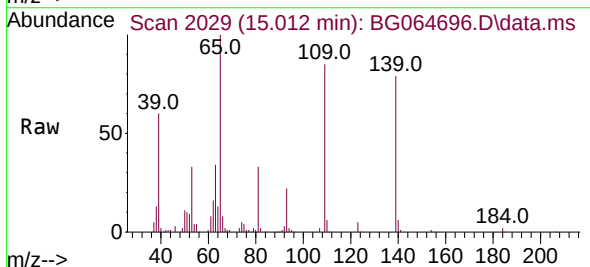
Delta R.T. 0.003 min

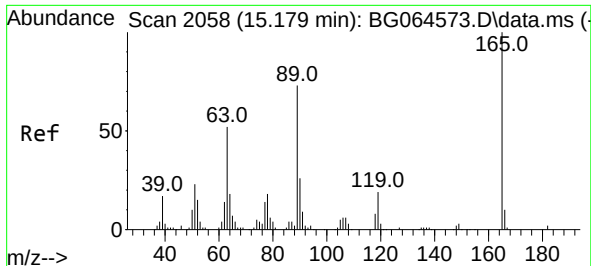
Lab File: BG064696.D

Acq: 5 Nov 2025 22:10

Tgt Ion:139 Resp: 129284

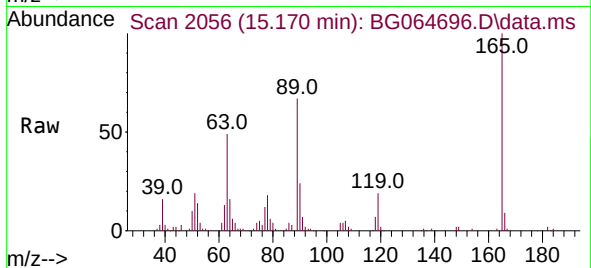
| Ion | Ratio | Lower | Upper  |
|-----|-------|-------|--------|
| 139 | 100   |       |        |
| 109 | 108.4 | 67.8  | 107.8# |
| 65  | 127.4 | 103.7 | 143.7  |





#57  
2,4-Dinitrotoluene  
Concen: 69.021 ng  
RT: 15.170 min Scan# 2058  
Delta R.T. -0.009 min  
Lab File: BG064696.D  
Acq: 5 Nov 2025 22:10

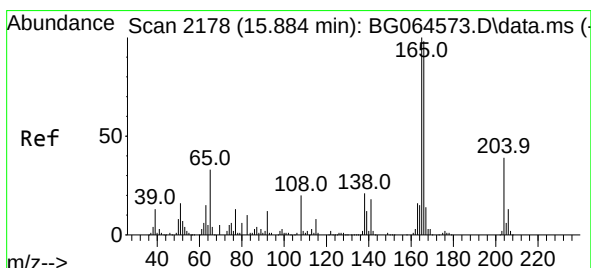
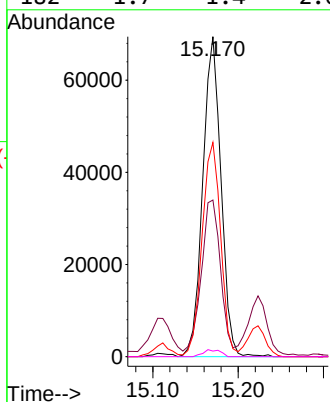
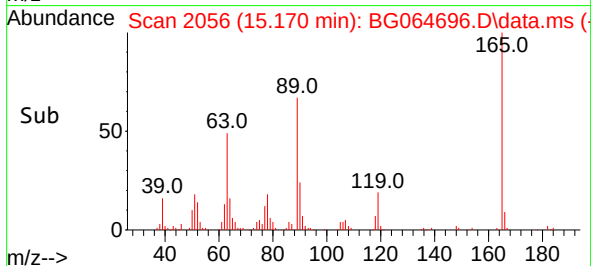
Instrument :  
BNA\_G  
ClientSampleId :  
TP-2MS



Tgt Ion:165 Resp: 102991  
Ion Ratio Lower Upper  
165 100  
63 48.9 41.8 62.8  
89 66.9 58.1 87.1  
182 1.7 1.4 2.0

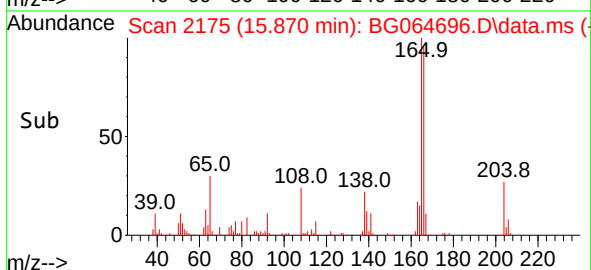
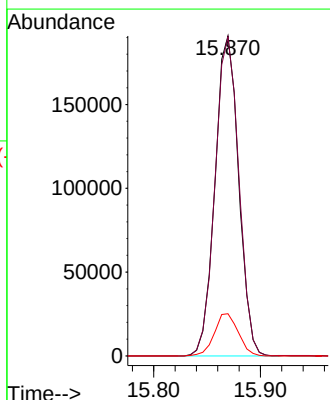
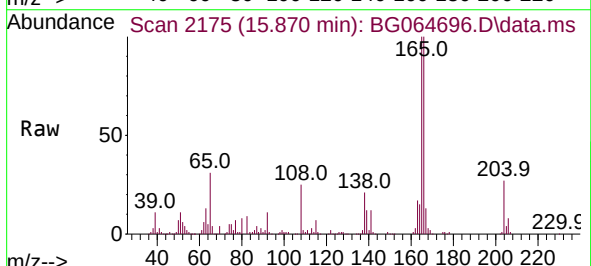
Manual Integrations  
APPROVED

Reviewed By :Rahul Chavli 11/06/2025  
Supervised By :Jagrut Upadhyay 11/06/2025

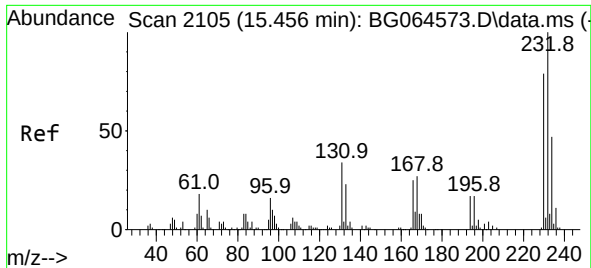


#58  
Fluorene  
Concen: 53.826 ng  
RT: 15.870 min Scan# 2175  
Delta R.T. -0.015 min  
Lab File: BG064696.D  
Acq: 5 Nov 2025 22:10

Tgt Ion:166 Resp: 294327  
Ion Ratio Lower Upper  
166 100  
165 99.7 81.5 122.3  
167 13.2 11.4 17.0

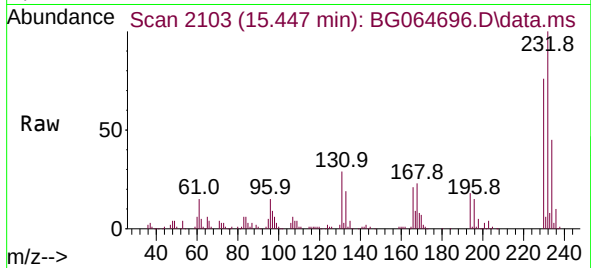






#59  
2,3,4,6-Tetrachlorophenol  
Concen: 73.983 ng  
RT: 15.447 min Scan# 2103  
Delta R.T. -0.009 min  
Lab File: BG064696.D  
Acq: 5 Nov 2025 22:10

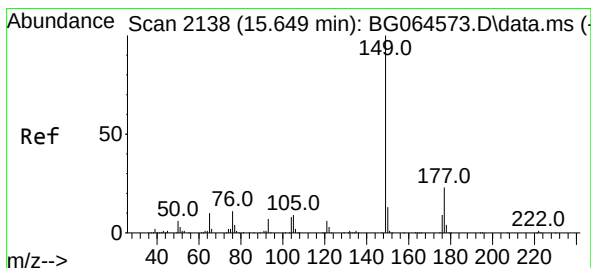
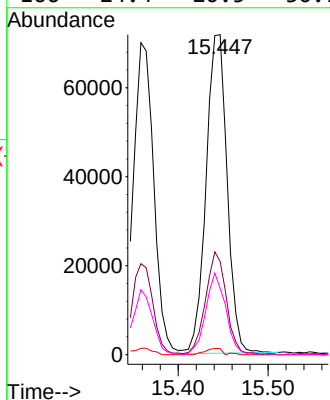
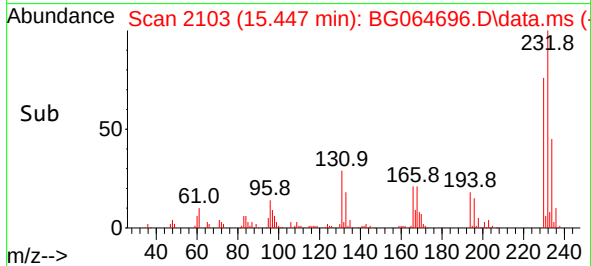
Instrument :  
BNA\_G  
ClientSampleId :  
TP-2MS



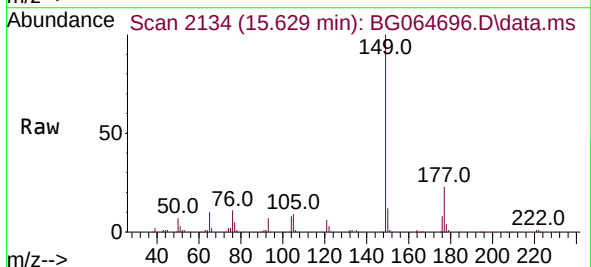
Tgt Ion:232 Resp: 117376  
Ion Ratio Lower Upper  
232 100  
131 31.6 26.7 40.1  
130 1.7 1.6 2.4  
166 24.4 20.5 30.7

Manual Integrations  
APPROVED

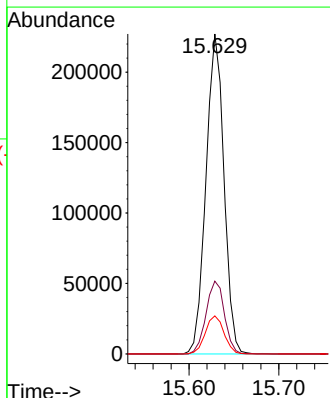
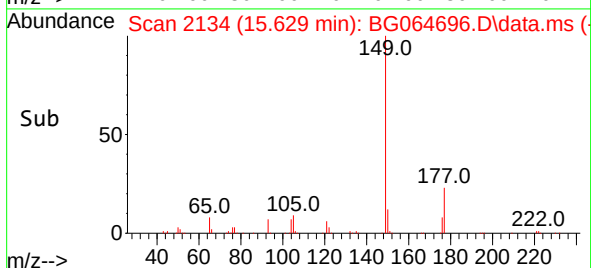
Reviewed By :Rahul Chavli 11/06/2025  
Supervised By :Jagrut Upadhyay 11/06/2025

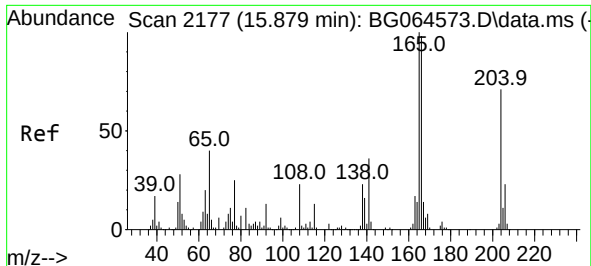


#60  
Diethylphthalate  
Concen: 54.183 ng  
RT: 15.629 min Scan# 2134  
Delta R.T. -0.021 min  
Lab File: BG064696.D  
Acq: 5 Nov 2025 22:10



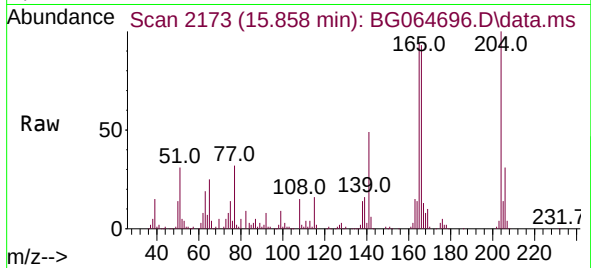
Tgt Ion:149 Resp: 317035  
Ion Ratio Lower Upper  
149 100  
177 22.7 18.0 27.0  
150 11.9 10.2 15.4





#61  
4-Chlorophenyl-phenylether  
Concen: 55.039 ng  
RT: 15.858 min Scan# 2173  
Delta R.T. -0.021 min  
Lab File: BG064696.D  
Acq: 5 Nov 2025 22:10

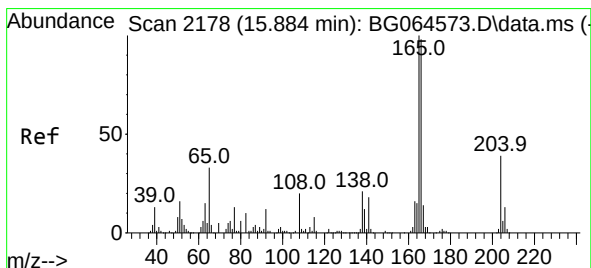
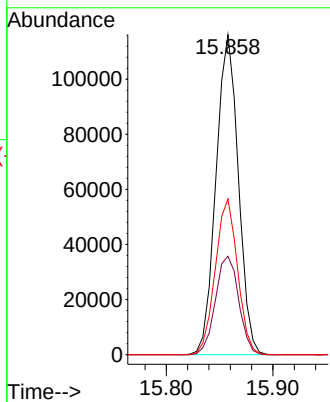
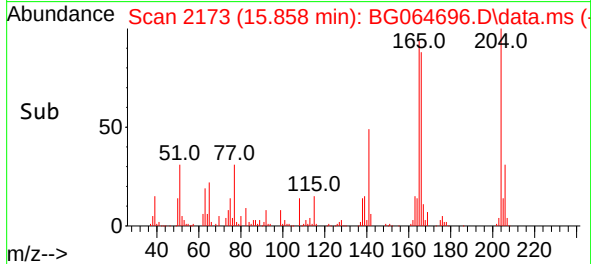
Instrument :  
BNA\_G  
ClientSampleId :  
TP-2MS



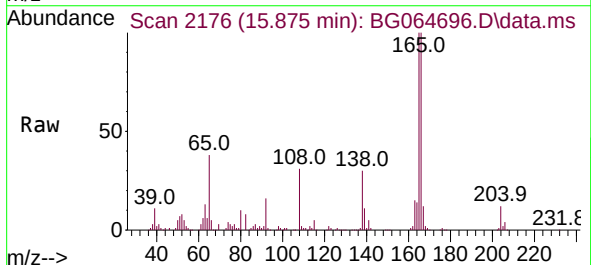
Tgt Ion:204 Resp: 168896  
Ion Ratio Lower Upper  
204 100  
206 30.7 25.6 38.4  
141 48.6 40.6 60.8

Manual Integrations  
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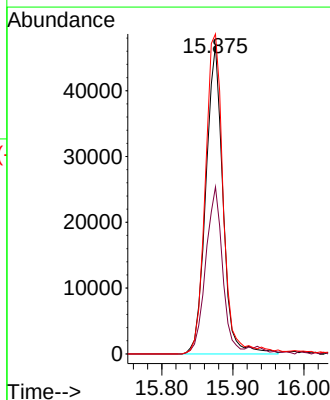
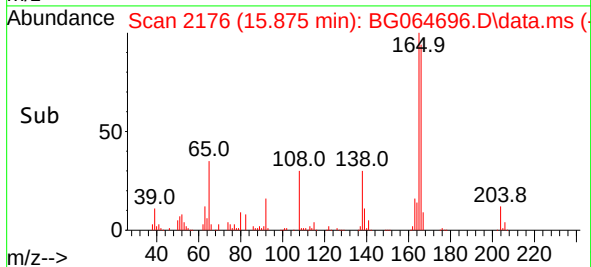
Reviewed By :Rahul Chavli 11/06/2025  
Supervised By :Jagrut Upadhyay 11/06/2025

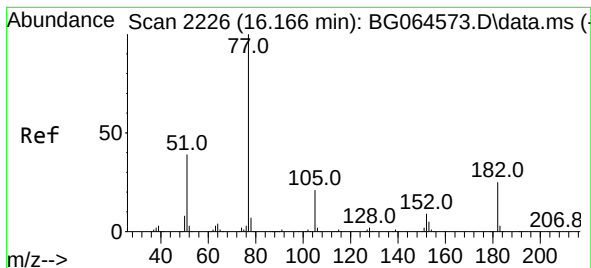


#62  
4-Nitroaniline  
Concen: 71.243 ng  
RT: 15.875 min Scan# 2176  
Delta R.T. -0.009 min  
Lab File: BG064696.D  
Acq: 5 Nov 2025 22:10



Tgt Ion:138 Resp: 78055  
Ion Ratio Lower Upper  
138 100  
92 54.0 36.1 76.1  
108 103.6 75.6 115.6





#63

Azobenzene

Concen: 53.391 ng

RT: 16.152 min Scan# 2223

Delta R.T. -0.015 min

Lab File: BG064696.D

Acq: 5 Nov 2025 22:10

Instrument :

BNA\_G

ClientSampleId :

TP-2MS

Tgt Ion: 77 Resp: 286634

Ion Ratio Lower Upper

77 100

182 29.8 4.9 44.9

105 22.3 1.3 41.3

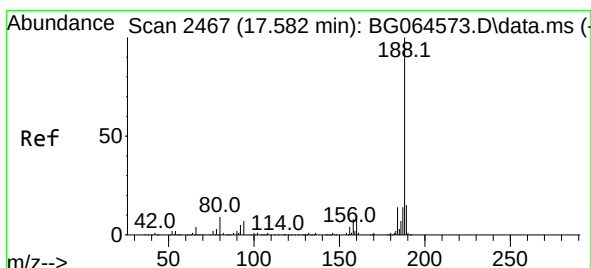
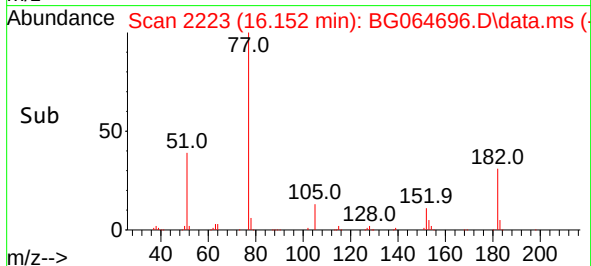
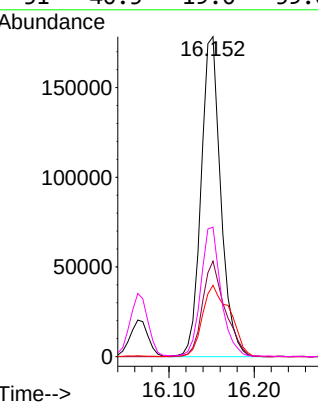
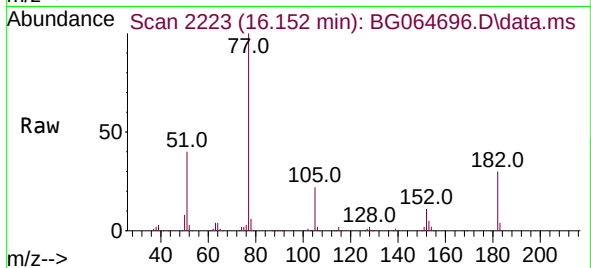
51 40.5 19.0 59.0

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 11/06/2025

Supervised By :Jagrut Upadhyay 11/06/2025



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.562 min Scan# 2463

Delta R.T. -0.021 min

Lab File: BG064696.D

Acq: 5 Nov 2025 22:10

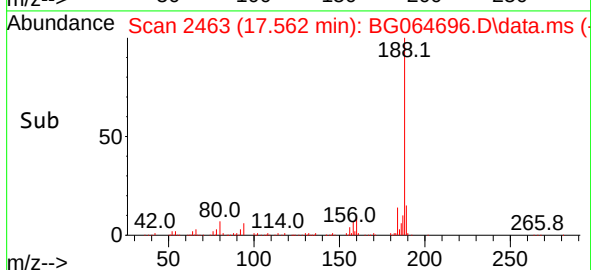
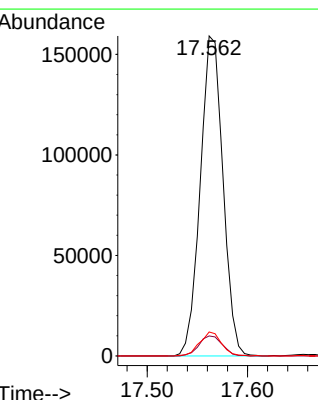
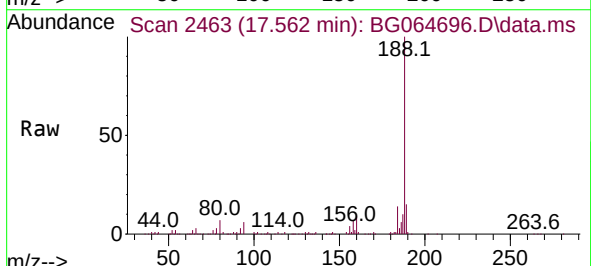
Tgt Ion:188 Resp: 250195

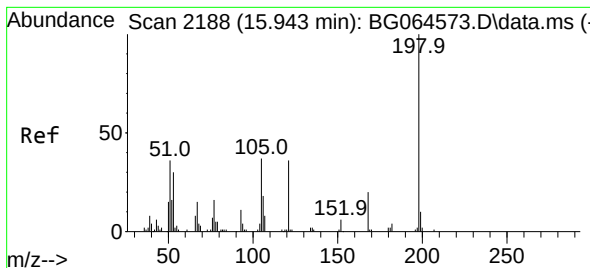
Ion Ratio Lower Upper

188 100

94 6.2 5.7 8.5

80 7.5 6.8 10.2





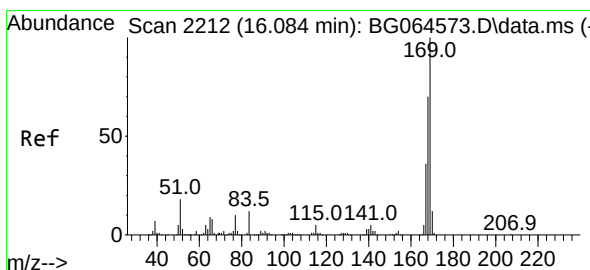
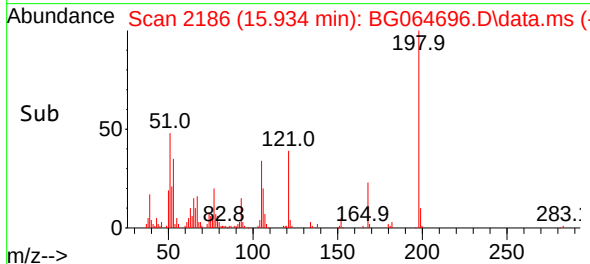
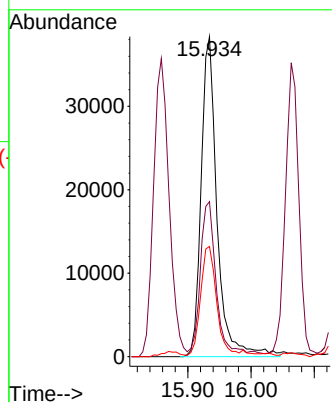
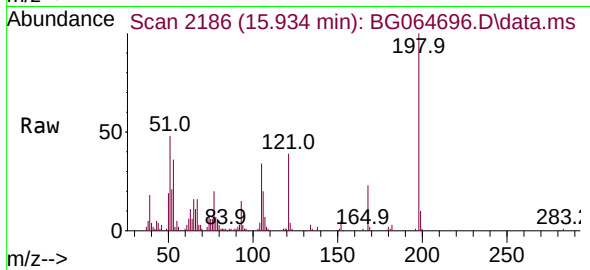
#65  
4,6-Dinitro-2-methylphenol  
Concen: 59.412 ng  
RT: 15.934 min Scan# 2188  
Delta R.T. -0.009 min  
Lab File: BG064696.D  
Acq: 5 Nov 2025 22:10

Instrument :  
BNA\_G  
ClientSampleId :  
TP-2MS

Tgt Ion:198 Resp: 67010  
Ion Ratio Lower Upper  
198 100  
51 48.4 24.7 64.7  
105 34.4 18.0 58.0

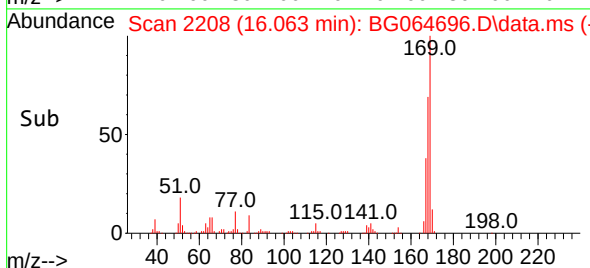
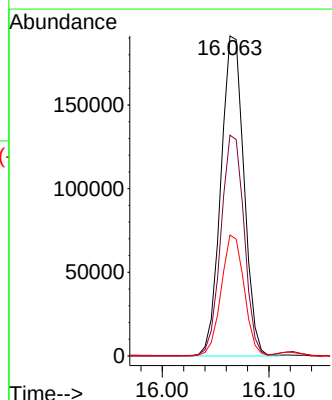
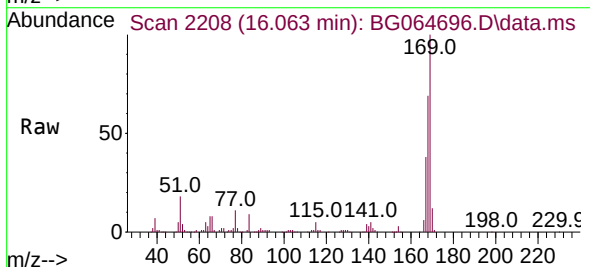
Manual Integrations  
APPROVED

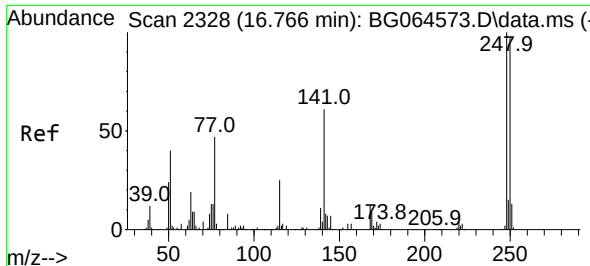
Reviewed By :Rahul Chavli 11/06/2025  
Supervised By :Jagrut Upadhyay 11/06/2025



#66  
n-Nitrosodiphenylamine  
Concen: 42.614 ng  
RT: 16.063 min Scan# 2208  
Delta R.T. -0.021 min  
Lab File: BG064696.D  
Acq: 5 Nov 2025 22:10

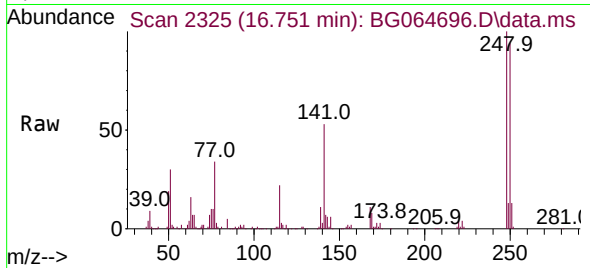
Tgt Ion:169 Resp: 288003  
Ion Ratio Lower Upper  
169 100  
168 69.0 56.3 84.5  
167 37.8 29.0 43.6





#67  
4-Bromophenyl-phenylether  
Concen: 45.918 ng  
RT: 16.751 min Scan# 2325  
Delta R.T. -0.015 min  
Lab File: BG064696.D  
Acq: 5 Nov 2025 22:10

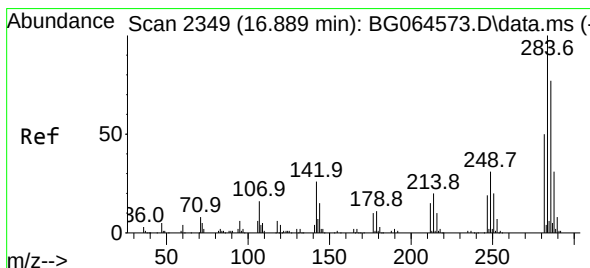
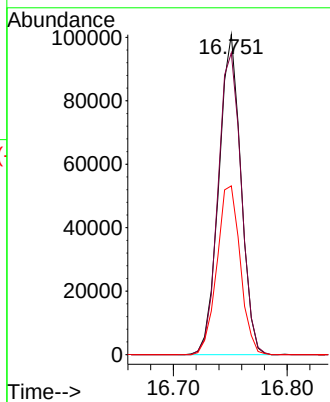
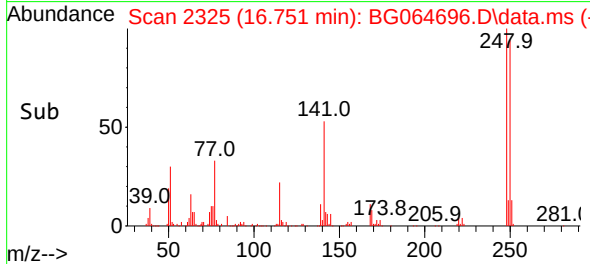
Instrument :  
BNA\_G  
ClientSampleId :  
TP-2MS



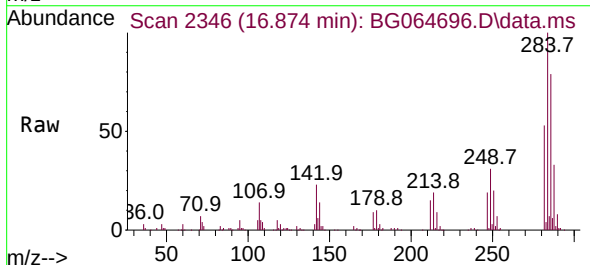
Tgt Ion:248 Resp: 136142  
Ion Ratio Lower Upper  
248 100  
250 94.3 77.7 116.5  
141 52.7 48.6 72.8

Manual Integrations  
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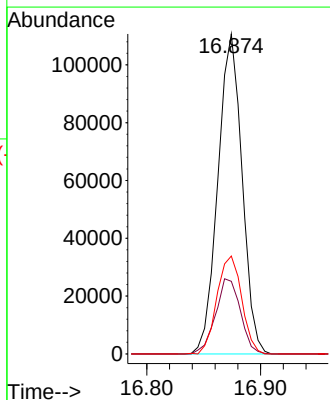
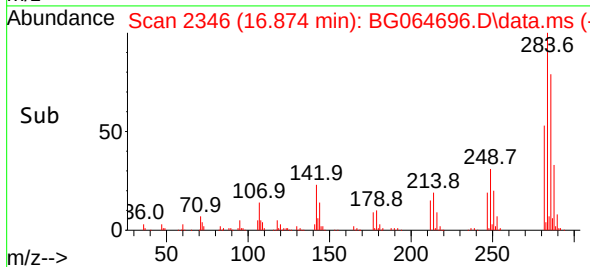
Reviewed By :Rahul Chavli 11/06/2025  
Supervised By :Jagrut Upadhyay 11/06/2025

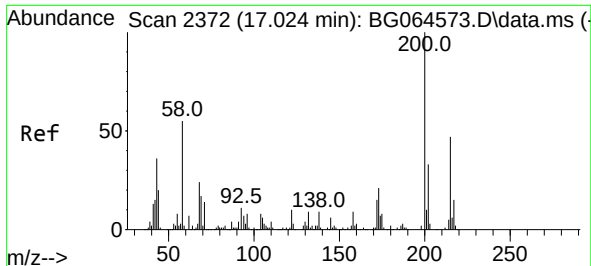


#68  
Hexachlorobenzene  
Concen: 48.194 ng  
RT: 16.874 min Scan# 2346  
Delta R.T. -0.015 min  
Lab File: BG064696.D  
Acq: 5 Nov 2025 22:10



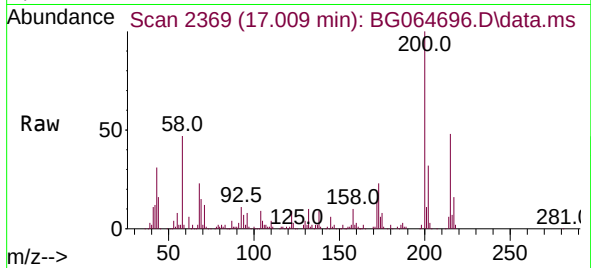
Tgt Ion:284 Resp: 163015  
Ion Ratio Lower Upper  
284 100  
142 22.7 21.0 31.6  
249 33.3 24.9 37.3





#69  
 Atrazine  
 Concen: 53.926 ng  
 RT: 17.009 min Scan# 2372  
 Delta R.T. -0.015 min  
 Lab File: BG064696.D  
 Acq: 5 Nov 2025 22:10

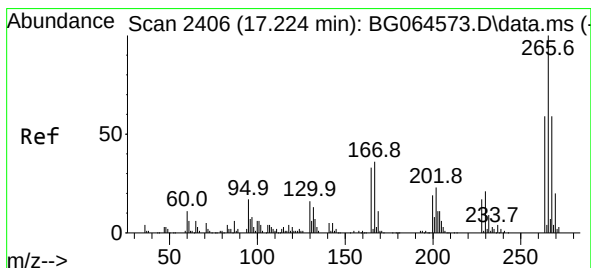
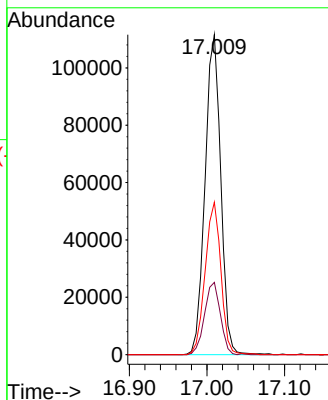
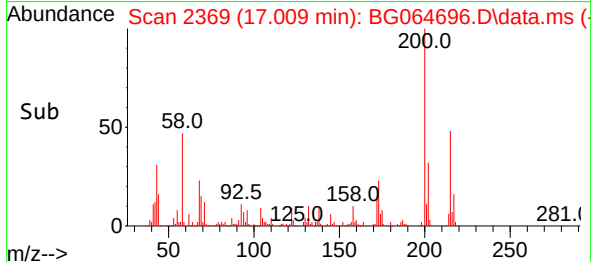
Instrument :  
 BNA\_G  
 ClientSampleId :  
 TP-2MS



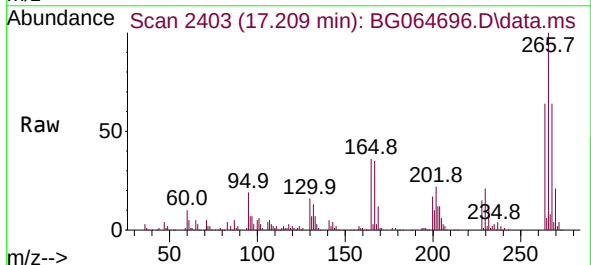
Tgt Ion:200 Resp: 156840  
 Ion Ratio Lower Upper  
 200 100  
 173 22.6 0.9 40.9  
 215 47.6 27.0 67.0

Manual Integrations  
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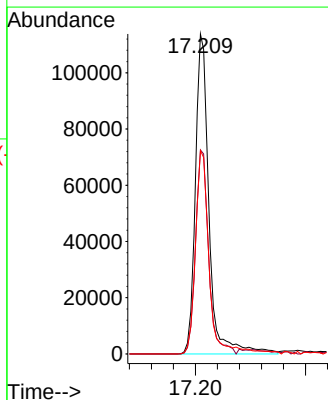
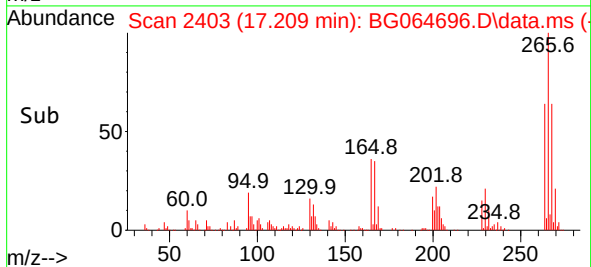
Reviewed By :Rahul Chavli 11/06/2025  
 Supervised By :Jagrut Upadhyay 11/06/2025

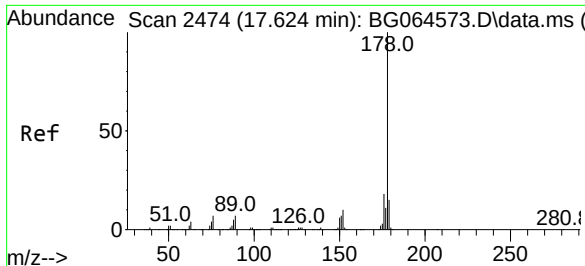


#70  
 Pentachlorophenol  
 Concen: 92.588 ng  
 RT: 17.209 min Scan# 2403  
 Delta R.T. -0.015 min  
 Lab File: BG064696.D  
 Acq: 5 Nov 2025 22:10



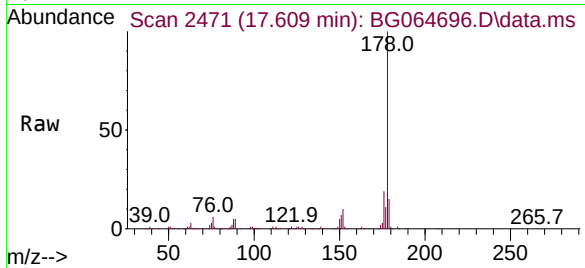
Tgt Ion:266 Resp: 195291  
 Ion Ratio Lower Upper  
 266 100  
 268 67.8 50.3 75.5  
 264 69.1 47.3 70.9





#71  
Phenanthrene  
Concen: 46.625 ng  
RT: 17.609 min Scan# 2471  
Delta R.T. -0.015 min  
Lab File: BG064696.D  
Acq: 5 Nov 2025 22:10

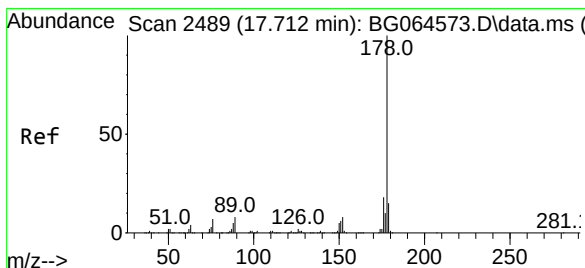
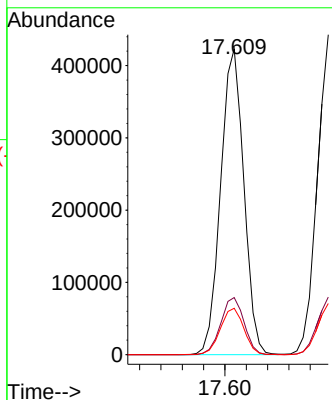
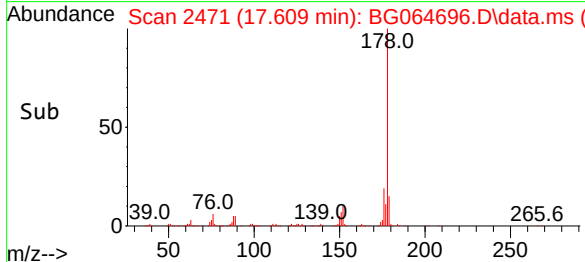
Instrument :  
BNA\_G  
ClientSampleId :  
TP-2MS



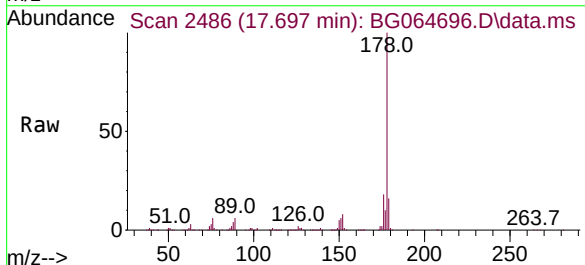
Tgt Ion:178 Resp: 637933  
Ion Ratio Lower Upper  
178 100  
176 18.7 14.7 22.1  
179 15.2 12.2 18.4

Manual Integrations  
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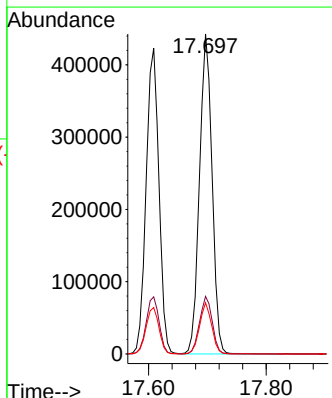
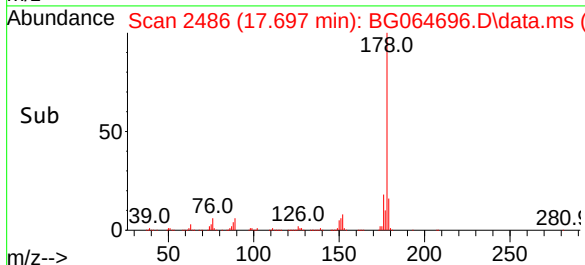
Reviewed By :Rahul Chavli 11/06/2025  
Supervised By :Jagrut Upadhyay 11/06/2025

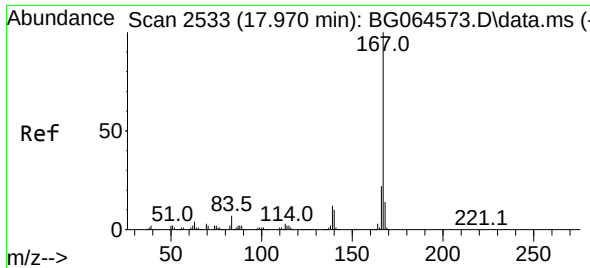


#72  
Anthracene  
Concen: 47.198 ng  
RT: 17.697 min Scan# 2486  
Delta R.T. -0.015 min  
Lab File: BG064696.D  
Acq: 5 Nov 2025 22:10



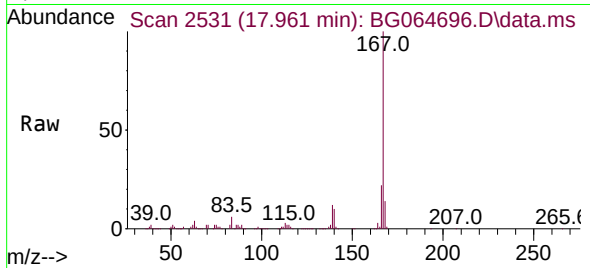
Tgt Ion:178 Resp: 656902  
Ion Ratio Lower Upper  
178 100  
176 18.0 14.4 21.6  
179 16.0 12.4 18.6





#73  
 Carbazole  
 Concen: 52.067 ng  
 RT: 17.961 min Scan# 2531  
 Delta R.T. -0.009 min  
 Lab File: BG064696.D  
 Acq: 5 Nov 2025 22:10

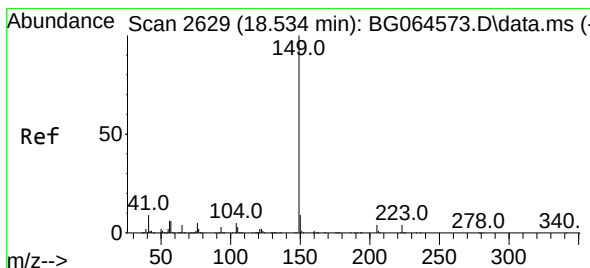
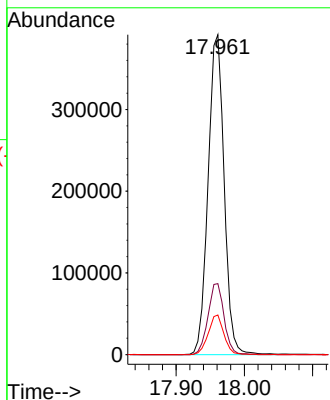
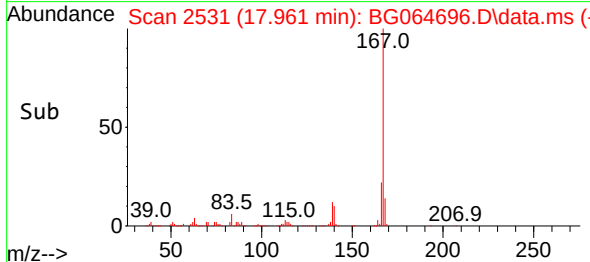
Instrument :  
 BNA\_G  
 ClientSampleId :  
 TP-2MS



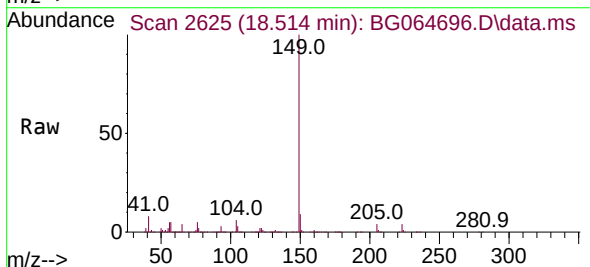
Tgt Ion:167 Resp: 639023  
 Ion Ratio Lower Upper  
 167 100  
 166 22.2 17.9 26.9  
 139 12.4 9.7 14.5

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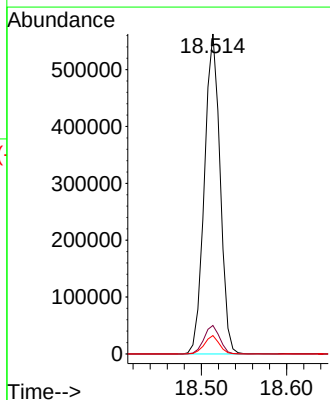
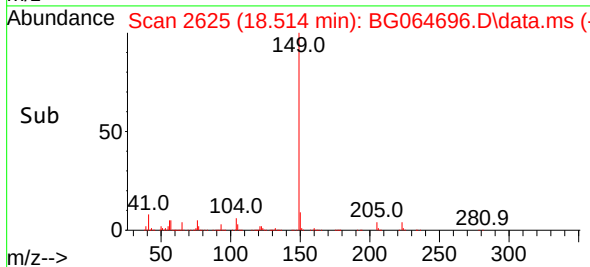
Reviewed By :Rahul Chavli 11/06/2025  
 Supervised By :Jagrut Upadhyay 11/06/2025



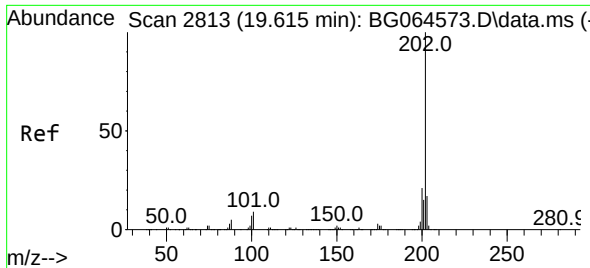
#74  
 Di-n-butylphthalate  
 Concen: 50.591 ng  
 RT: 18.514 min Scan# 2625  
 Delta R.T. -0.021 min  
 Lab File: BG064696.D  
 Acq: 5 Nov 2025 22:10



Tgt Ion:149 Resp: 718000  
 Ion Ratio Lower Upper  
 149 100  
 150 8.9 7.0 10.6  
 104 5.7 4.1 6.1

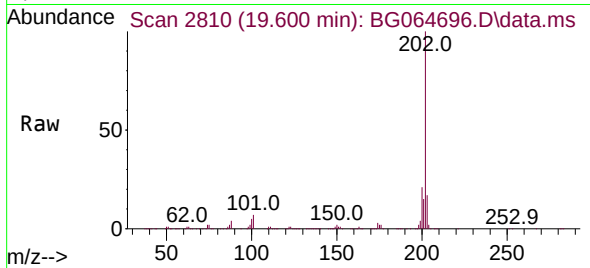






#75  
Fluoranthene  
Concen: 55.827 ng  
RT: 19.600 min Scan# 2813  
Delta R.T. -0.015 min  
Lab File: BG064696.D  
Acq: 5 Nov 2025 22:10

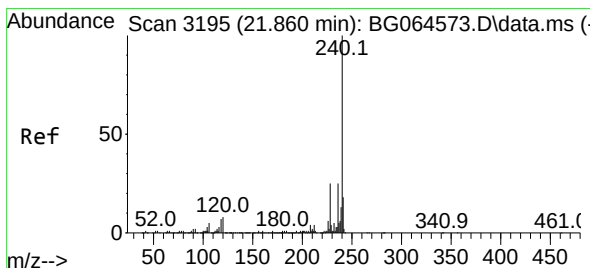
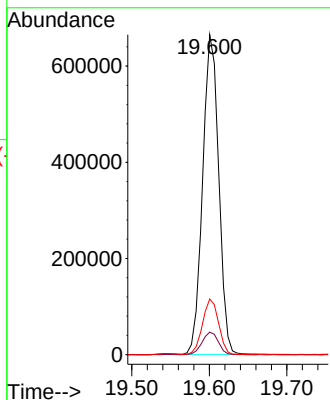
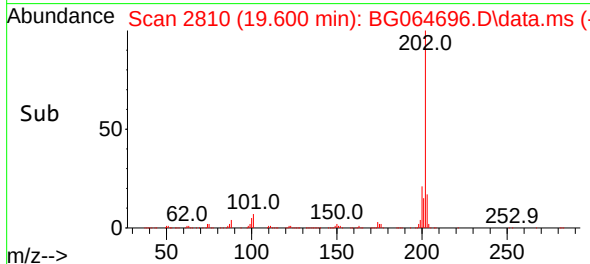
Instrument :  
BNA\_G  
ClientSampleId :  
TP-2MS



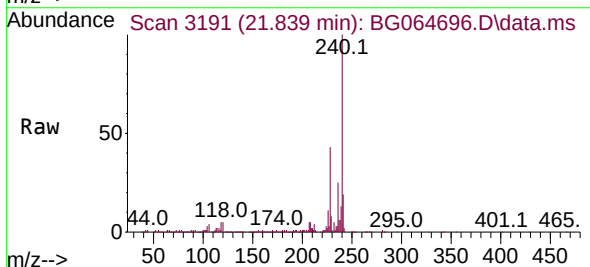
Tgt Ion:202 Resp: 956889  
Ion Ratio Lower Upper  
202 100  
101 7.0 0.0 28.7  
203 17.4 0.0 37.0

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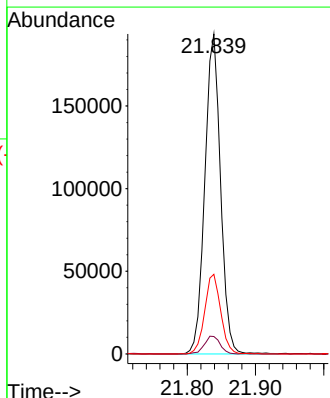
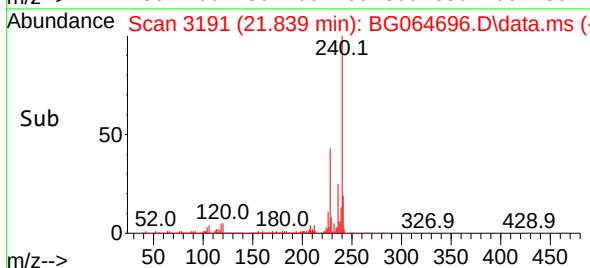
Reviewed By :Rahul Chavli 11/06/2025  
Supervised By :Jagrut Upadhyay 11/06/2025

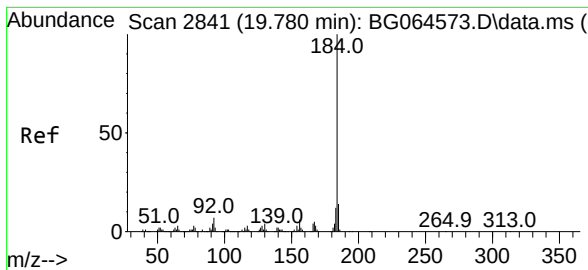


#76  
Chrysene-d12  
Concen: 20.000 ng  
RT: 21.839 min Scan# 3191  
Delta R.T. -0.021 min  
Lab File: BG064696.D  
Acq: 5 Nov 2025 22:10



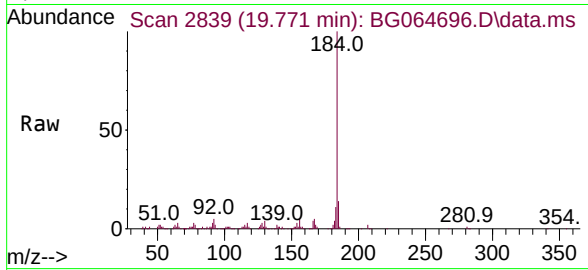
Tgt Ion:240 Resp: 309360  
Ion Ratio Lower Upper  
240 100  
120 5.4 6.5 9.7#  
236 24.9 20.2 30.2





#77  
Benzidine  
Concen: 33.096 ng  
RT: 19.771 min Scan# 2839  
Delta R.T. -0.009 min  
Lab File: BG064696.D  
Acq: 5 Nov 2025 22:10

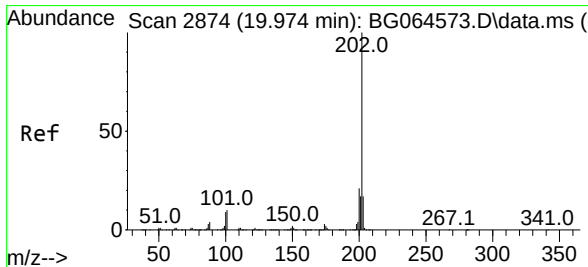
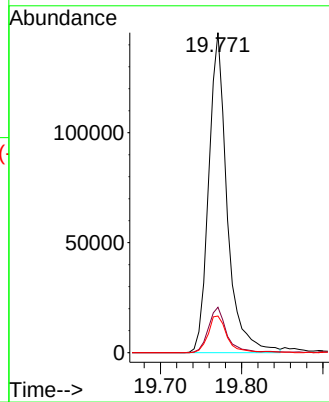
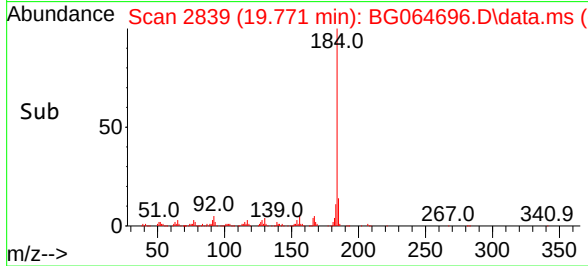
Instrument :  
BNA\_G  
ClientSampleId :  
TP-2MS



Tgt Ion:184 Resp: 229389  
Ion Ratio Lower Upper  
184 100  
185 14.2 11.4 17.2  
183 11.4 9.4 14.2

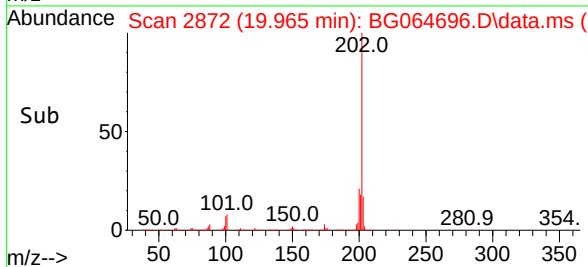
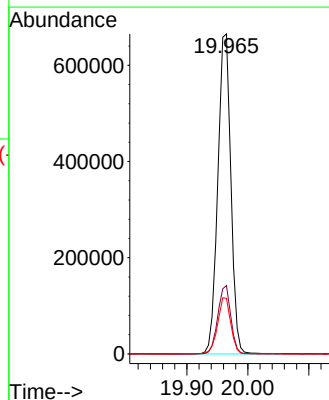
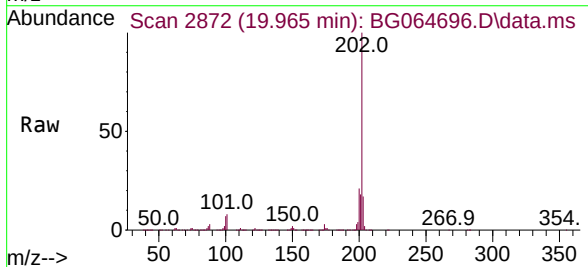
Manual Integrations  
APPROVED

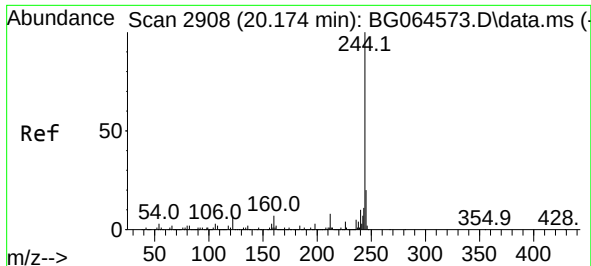
Reviewed By :Rahul Chavli 11/06/2025  
Supervised By :Jagrut Upadhyay 11/06/2025



#78  
Pyrene  
Concen: 49.002 ng  
RT: 19.965 min Scan# 2872  
Delta R.T. -0.009 min  
Lab File: BG064696.D  
Acq: 5 Nov 2025 22:10

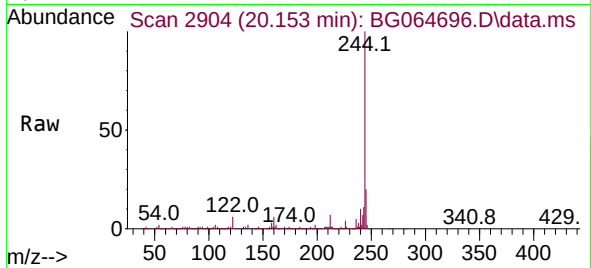
Tgt Ion:202 Resp: 990420  
Ion Ratio Lower Upper  
202 100  
200 21.4 17.0 25.4  
203 17.4 13.8 20.6





#79  
 Terphenyl-d14  
 Concen: 44.810 ng  
 RT: 20.153 min Scan# 2904  
 Delta R.T. -0.021 min  
 Lab File: BG064696.D  
 Acq: 5 Nov 2025 22:10

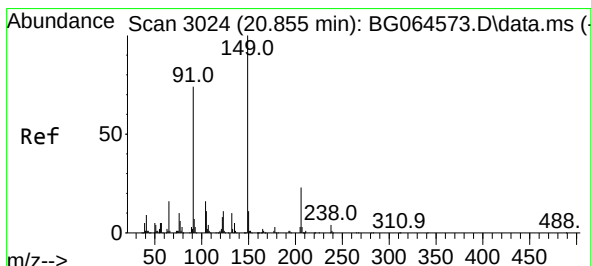
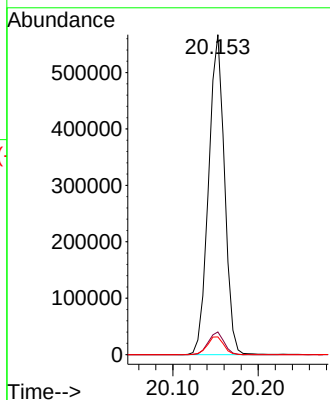
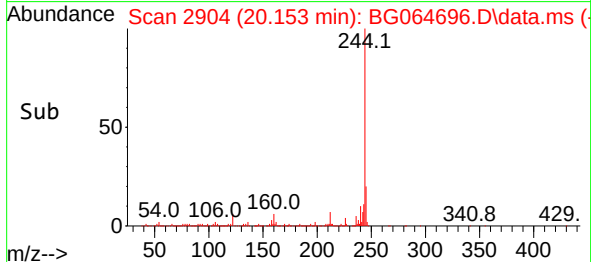
Instrument :  
 BNA\_G  
 ClientSampleId :  
 TP-2MS



Tgt Ion:244 Resp: 734564  
 Ion Ratio Lower Upper  
 244 100  
 212 7.1 6.1 9.1  
 122 5.5 5.6 8.4

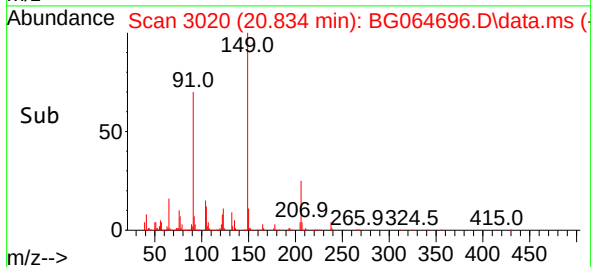
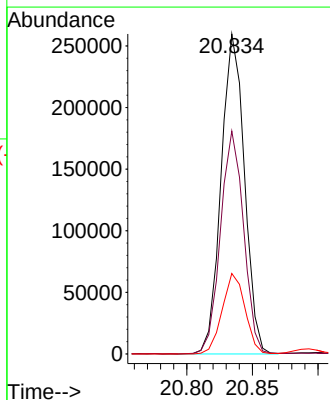
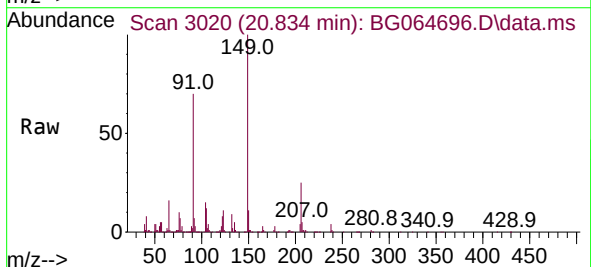
Manual Integrations  
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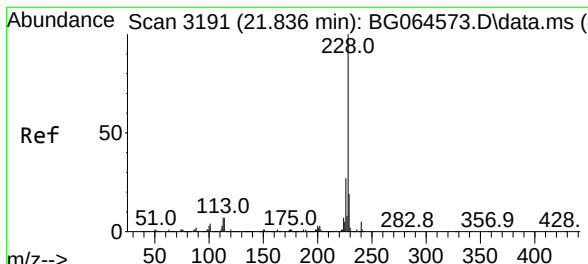
Reviewed By :Rahul Chavli 11/06/2025  
 Supervised By :Jagrut Upadhyay 11/06/2025



#80  
 Butylbenzylphthalate  
 Concen: 52.571 ng  
 RT: 20.834 min Scan# 3020  
 Delta R.T. -0.021 min  
 Lab File: BG064696.D  
 Acq: 5 Nov 2025 22:10

Tgt Ion:149 Resp: 321147  
 Ion Ratio Lower Upper  
 149 100  
 91 69.6 59.2 88.8  
 206 25.1 18.1 27.1





#81  
 Benzo(a)anthracene  
 Concen: 47.686 ng  
 RT: 21.821 min Scan# 3191  
 Delta R.T. -0.015 min  
 Lab File: BG064696.D  
 Acq: 5 Nov 2025 22:10

Instrument :

BNA\_G

ClientSampleId :

TP-2MS

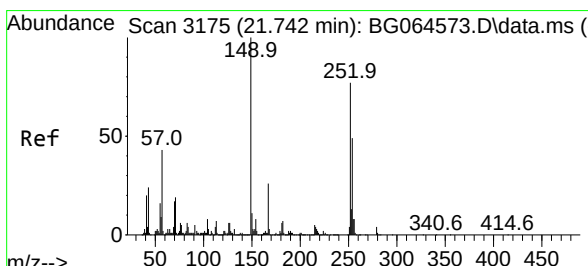
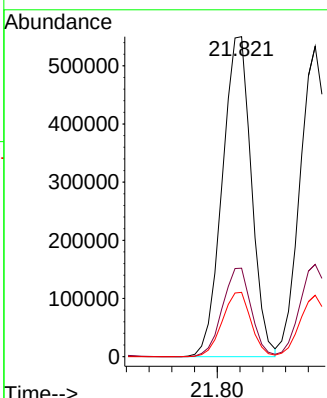
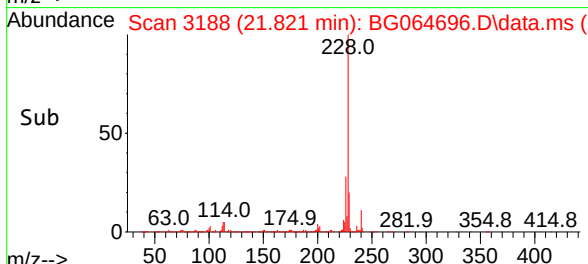
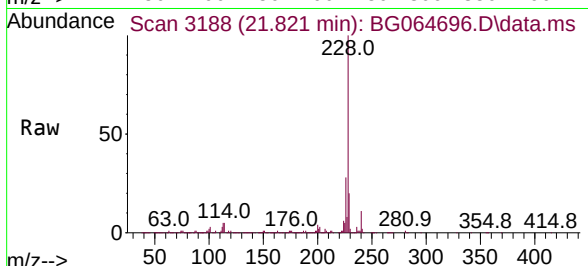
Tgt Ion:228 Resp: 978148

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 228 | 100   |       |       |
| 226 | 27.6  | 21.9  | 32.9  |
| 229 | 20.1  | 15.6  | 23.4  |

Manual Integrations

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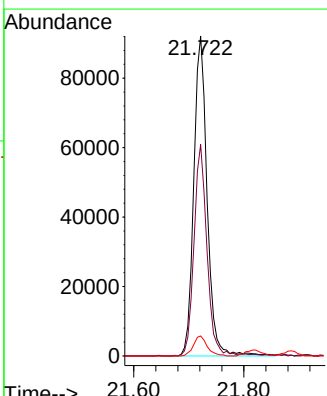
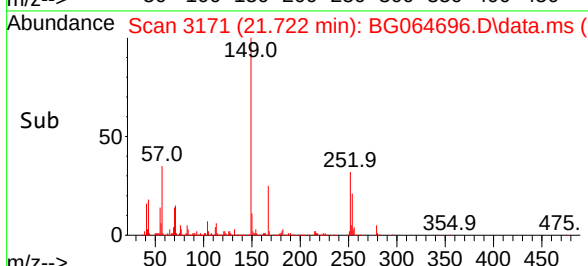
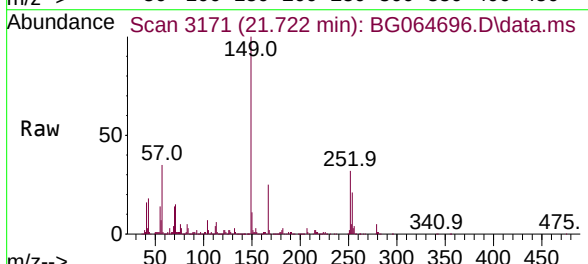
Reviewed By :Rahul Chavli 11/06/2025  
 Supervised By :Jagrut Upadhyay 11/06/2025

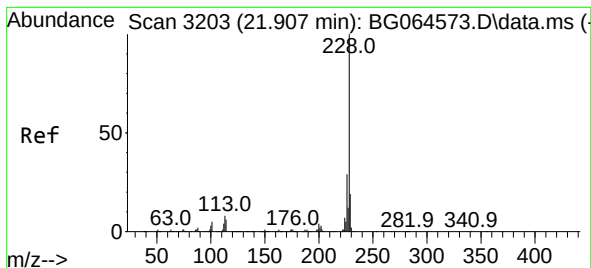


#82  
 3,3'-Dichlorobenzidine  
 Concen: 22.682 ng  
 RT: 21.722 min Scan# 3171  
 Delta R.T. -0.021 min  
 Lab File: BG064696.D  
 Acq: 5 Nov 2025 22:10

Tgt Ion:252 Resp: 155363

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 252 | 100   |       |       |
| 254 | 66.1  | 50.8  | 76.2  |
| 126 | 6.2   | 5.8   | 8.6   |





#83

Chrysene

Concen: 46.643 ng

RT: 21.886 min Scan# 31

Delta R.T. -0.021 min

Lab File: BG064696.D

Acq: 5 Nov 2025 22:10

Instrument :

BNA\_G

ClientSampleId :

TP-2MS

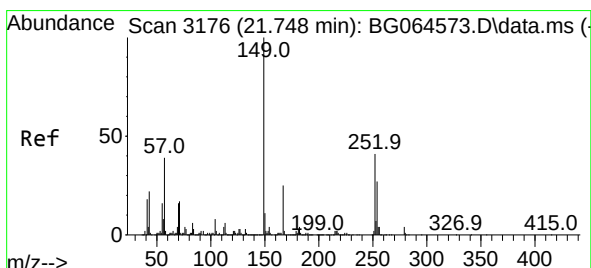
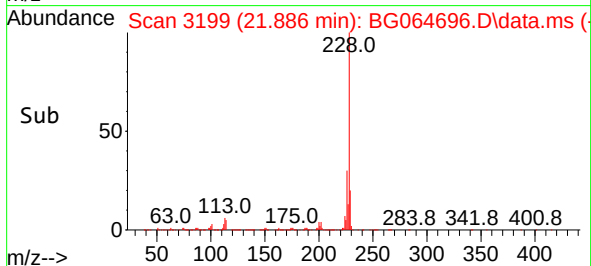
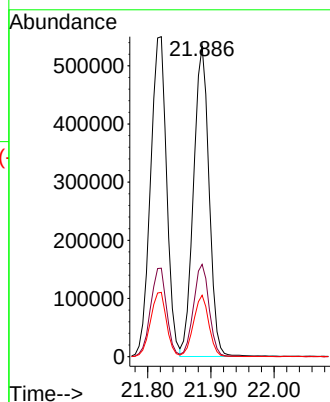
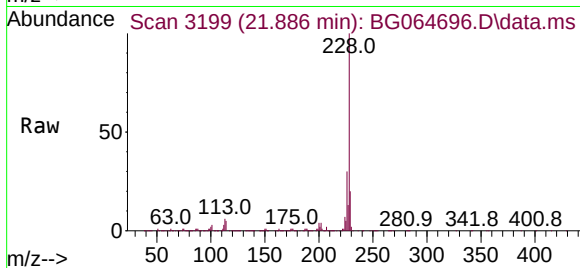
Tgt Ion:228 Resp: 910376  
 Ion Ratio Lower Upper  
 228 100  
 226 29.7 23.3 34.9  
 229 19.8 15.2 22.8

Manual Integrations

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Reviewed By :Rahul Chavli 11/06/2025

Supervised By :Jagrut Upadhyay 11/06/2025



#84

Bis(2-ethylhexyl)phthalate

Concen: 47.730 ng

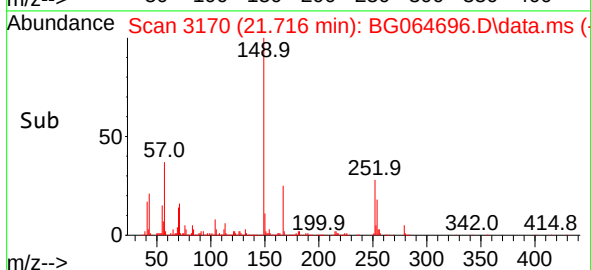
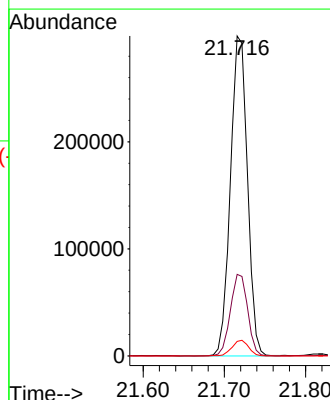
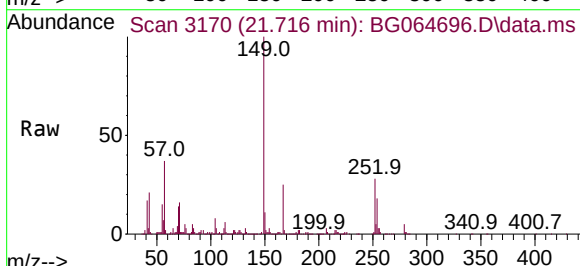
RT: 21.716 min Scan# 3170

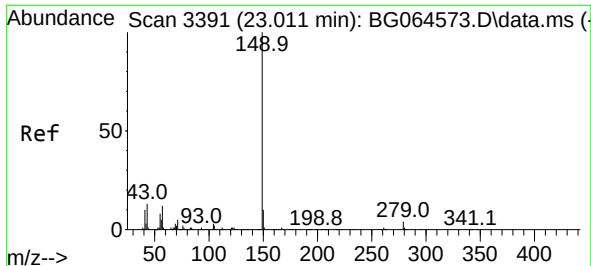
Delta R.T. -0.033 min

Lab File: BG064696.D

Acq: 5 Nov 2025 22:10

Tgt Ion:149 Resp: 435682  
 Ion Ratio Lower Upper  
 149 100  
 167 25.5 20.0 30.0  
 279 4.5 3.1 4.7





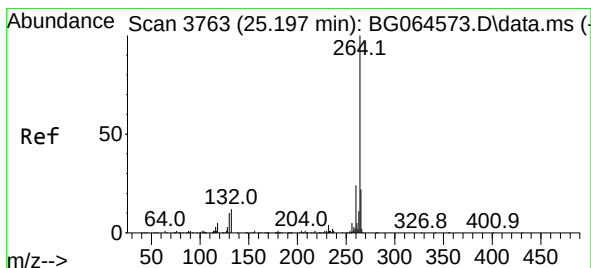
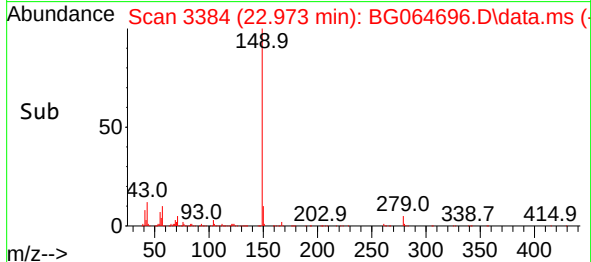
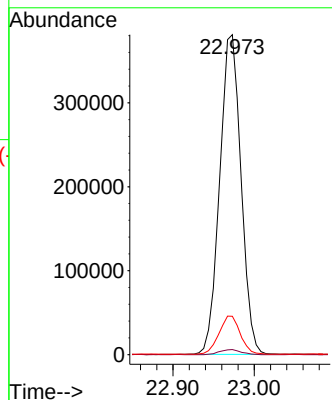
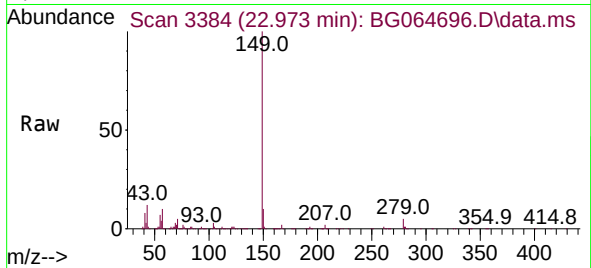
#85  
Di-n-octyl phthalate  
Concen: 45.069 ng  
RT: 22.973 min Scan# 3391  
Delta R.T. -0.038 min  
Lab File: BG064696.D  
Acq: 5 Nov 2025 22:10

Instrument :  
BNA\_G  
ClientSampleId :  
TP-2MS

Tgt Ion:149 Resp: 693599  
Ion Ratio Lower Upper  
149 100  
167 1.6 1.3 1.9  
43 11.9 10.8 16.2

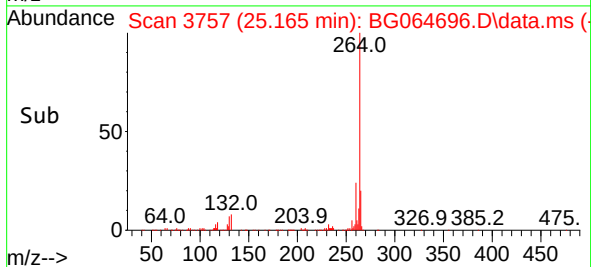
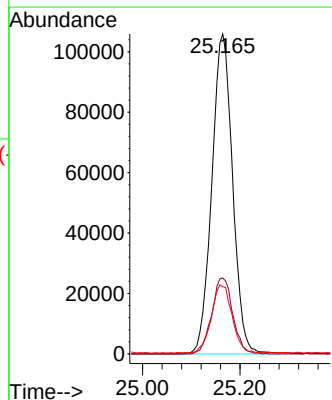
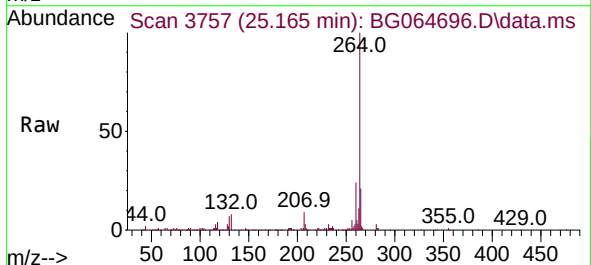
Manual Integrations  
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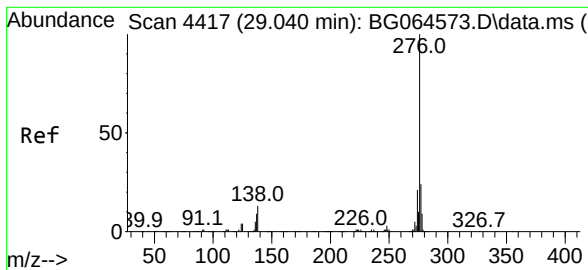
Reviewed By :Rahul Chavli 11/06/2025  
Supervised By :Jagrut Upadhyay 11/06/2025



#86  
Perylene-d12  
Concen: 20.000 ng  
RT: 25.165 min Scan# 3757  
Delta R.T. -0.033 min  
Lab File: BG064696.D  
Acq: 5 Nov 2025 22:10

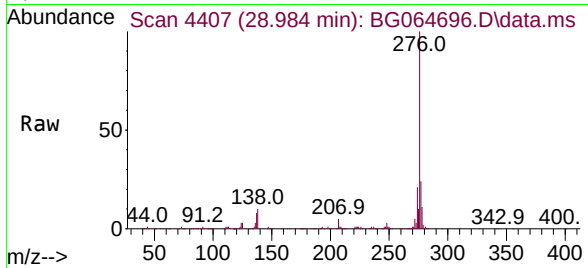
Tgt Ion:264 Resp: 312882  
Ion Ratio Lower Upper  
264 100  
260 23.7 19.0 28.4  
265 21.0 17.6 26.4





#87  
Indeno(1,2,3-cd)pyrene  
Concen: 49.036 ng  
RT: 28.984 min Scan# 4417  
Delta R.T. -0.056 min  
Lab File: BG064696.D  
Acq: 5 Nov 2025 22:10

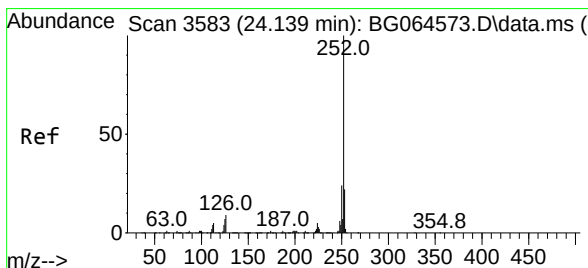
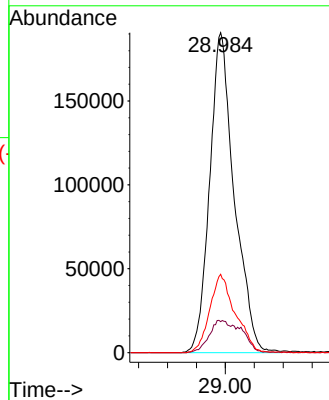
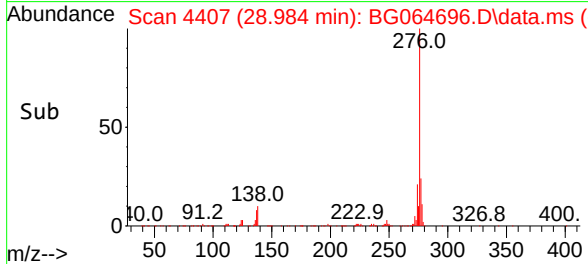
Instrument :  
BNA\_G  
ClientSampleId :  
TP-2MS



Tgt Ion:276 Resp: 1128650  
Ion Ratio Lower Upper  
276 100  
138 4.9 10.8 16.2  
277 25.3 20.1 30.1

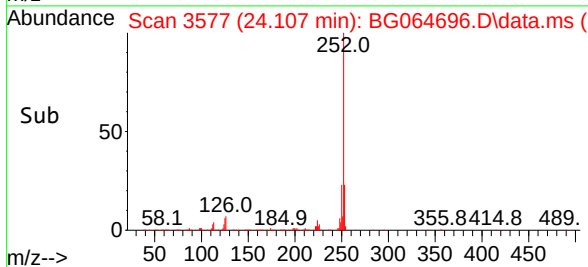
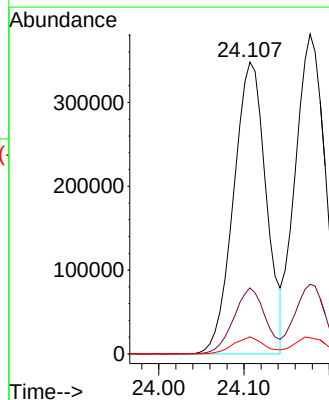
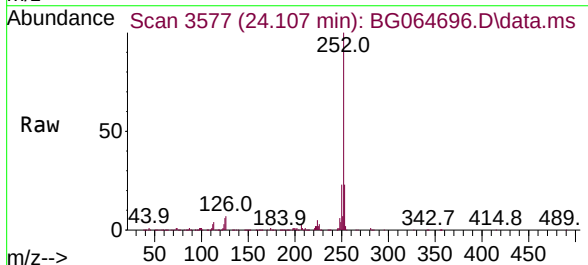
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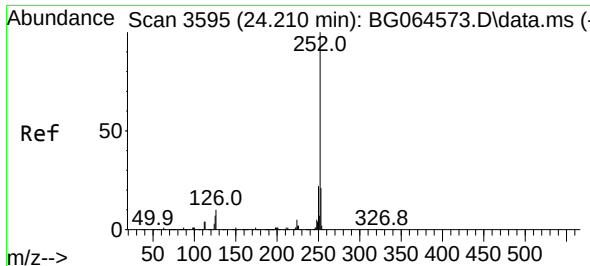
Reviewed By :Rahul Chavli 11/06/2025  
Supervised By :Jagrut Upadhyay 11/06/2025



#88  
Benzo(b)fluoranthene  
Concen: 48.220 ng  
RT: 24.107 min Scan# 3577  
Delta R.T. -0.033 min  
Lab File: BG064696.D  
Acq: 5 Nov 2025 22:10

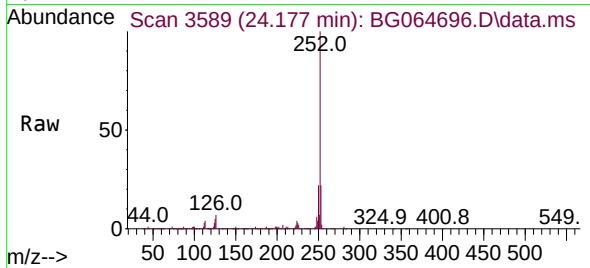
Tgt Ion:252 Resp: 925135  
Ion Ratio Lower Upper  
252 100  
253 22.6 17.8 26.8  
125 5.9 5.6 8.4





#89  
Benzo(k)fluoranthene  
Concen: 49.036 ng m  
RT: 24.177 min Scan# 3589  
Delta R.T. -0.033 min  
Lab File: BG064696.D  
Acq: 5 Nov 2025 22:10

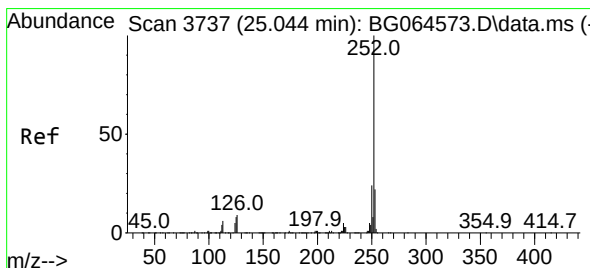
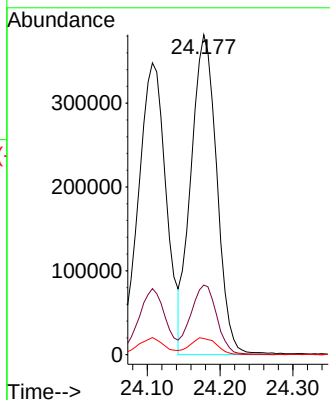
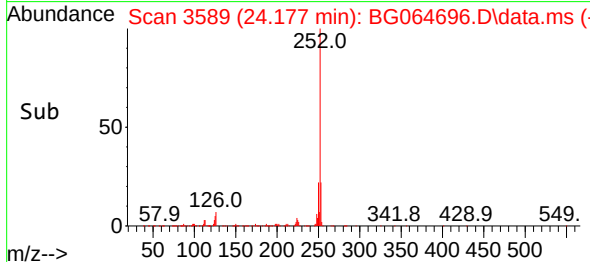
Instrument :  
BNA\_G  
ClientSampleId :  
TP-2MS



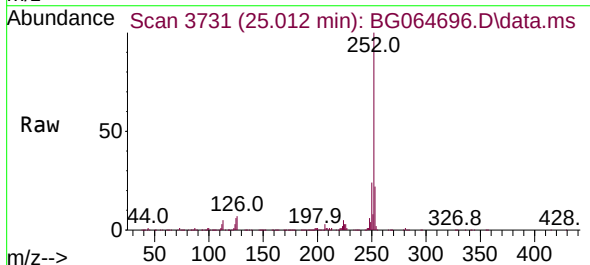
Tgt Ion:252 Resp: 941440  
Ion Ratio Lower Upper  
252 100  
253 21.7 16.8 25.2  
125 5.0 5.4 8.0

Manual Integrations  
APPROVED

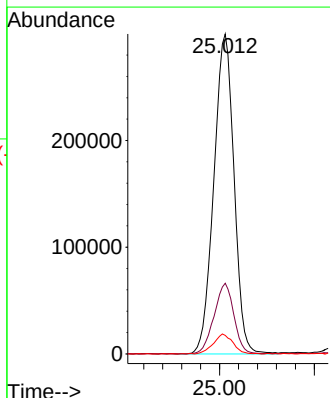
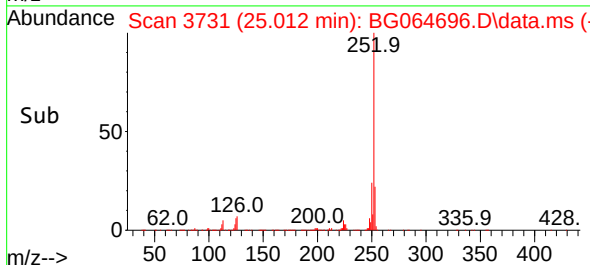
Reviewed By :Rahul Chavli 11/06/2025  
Supervised By :Jagrut Upadhyay 11/06/2025



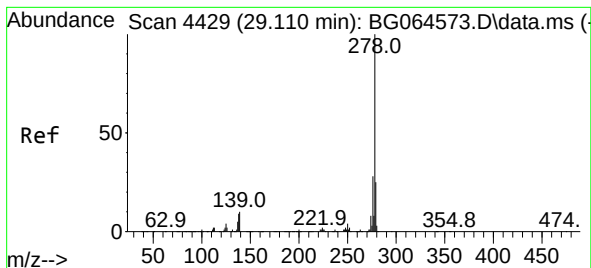
#90  
Benzo(a)pyrene  
Concen: 50.282 ng  
RT: 25.012 min Scan# 3731  
Delta R.T. -0.033 min  
Lab File: BG064696.D  
Acq: 5 Nov 2025 22:10



Tgt Ion:252 Resp: 886769  
Ion Ratio Lower Upper  
252 100  
253 22.1 17.6 26.4  
125 5.8 6.1 9.1







#91

Dibenzo(a,h)anthracene

Concen: 49.953 ng

RT: 29.048 min Scan# 4418

Delta R.T. -0.062 min

Lab File: BG064696.D

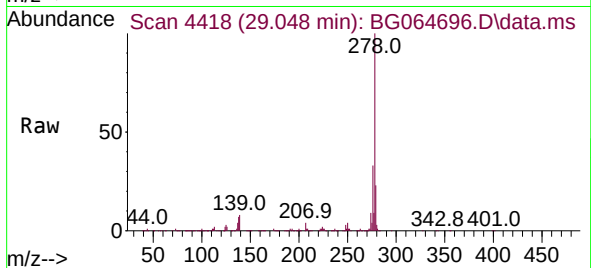
Acq: 5 Nov 2025 22:10

Instrument :

BNA\_G

ClientSampleId :

TP-2MS



Tgt Ion:278 Resp: 934094

Ion Ratio Lower Upper

278 100

139 7.8 8.0 12.0

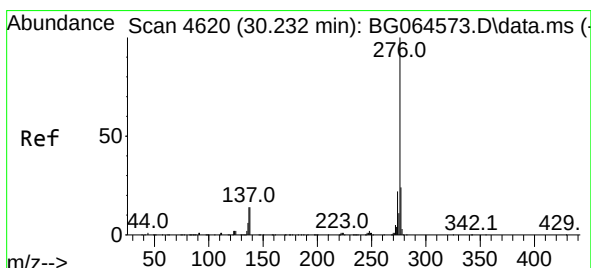
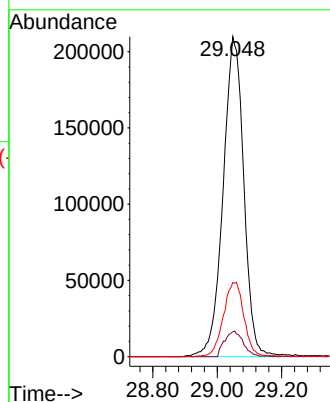
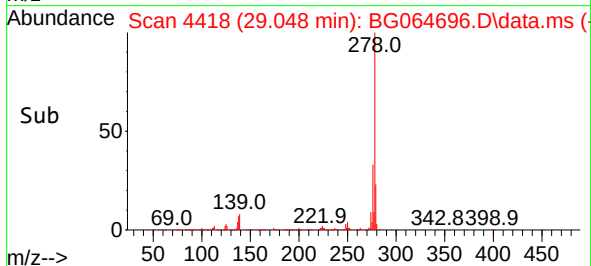
279 23.2 19.8 29.6

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 11/06/2025

Supervised By :Jagrut Upadhyay 11/06/2025



#92

Benzo(g,h,i)perylene

Concen: 50.101 ng

RT: 30.176 min Scan# 4610

Delta R.T. -0.056 min

Lab File: BG064696.D

Acq: 5 Nov 2025 22:10

Tgt Ion:276 Resp: 894952

Ion Ratio Lower Upper

276 100

277 23.9 19.1 28.7

138 10.9 11.3 16.9

