

Data Path : Z:\svoasrv\HPCHEM1\BNA\_G\Data\BG090425\  
 Data File : BG064279.D  
 Acq On : 4 Sep 2025 11:40  
 Operator : RC/JU  
 Sample : SSTDCCC040  
 Misc :  
 ALS Vial : 2 Sample Multiplier: 1

## Instrument :

BNA\_G

## ClientSampleId :

SSTDCCC040

## Manual Integrations

## APPROVED

Reviewed By :Rahul Chavli 09/05/2025

Supervised By :Jagrut Upadhyay 09/05/2025

Quant Time: Sep 04 13:12:44 2025

Quant Method : Z:\svoasrv\HPCHEM1\BNA\_G\Methods\8270-BG082825.M

Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

QLast Update : Thu Aug 28 17:41:58 2025

Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc   | Units | Dev(Min) |
|-------------------------------|--------|------|----------|--------|-------|----------|
| -----                         |        |      |          |        |       |          |
| Internal Standards            |        |      |          |        |       |          |
| 1) 1,4-Dichlorobenzene-d4     | 7.853  | 152  | 42115    | 20.000 | ng    | 0.00     |
| 21) Naphthalene-d8            | 10.644 | 136  | 189710   | 20.000 | ng    | # 0.00   |
| 39) Acenaphthene-d10          | 14.481 | 164  | 136025   | 20.000 | ng    | 0.00     |
| 64) Phenanthrene-d10          | 17.219 | 188  | 275744   | 20.000 | ng    | # 0.00   |
| 76) Chrysene-d12              | 21.449 | 240  | 241954   | 20.000 | ng    | 0.00     |
| 86) Perylene-d12              | 24.457 | 264  | 268659   | 20.000 | ng    | 0.00     |
|                               |        |      |          |        |       |          |
| System Monitoring Compounds   |        |      |          |        |       |          |
| 5) 2-Fluorophenol             | 5.438  | 112  | 186394   | 79.404 | ng    | 0.00     |
| 7) Phenol-d6                  | 7.025  | 99   | 266717   | 82.704 | ng    | 0.00     |
| 23) Nitrobenzene-d5           | 9.011  | 82   | 295363   | 86.830 | ng    | 0.00     |
| 42) 2,4,6-Tribromophenol      | 15.967 | 330  | 154141   | 85.552 | ng    | 0.00     |
| 45) 2-Fluorobiphenyl          | 13.106 | 172  | 733318   | 82.286 | ng    | 0.00     |
| 79) Terphenyl-d14             | 19.839 | 244  | 935599   | 80.676 | ng    | 0.00     |
|                               |        |      |          |        |       |          |
| Target Compounds              |        |      |          |        |       | Qvalue   |
| 2) 1,4-Dioxane                | 3.358  | 88   | 35569    | 36.353 | ng    | 88       |
| 3) Pyridine                   | 3.746  | 79   | 106924   | 37.125 | ng    | # 57     |
| 4) n-Nitrosodimethylamine     | 3.664  | 42   | 72713    | 38.169 | ng    | 88       |
| 6) Aniline                    | 7.183  | 93   | 174926   | 39.224 | ng    | 97       |
| 8) 2-Chlorophenol             | 7.418  | 128  | 119797   | 41.763 | ng    | 97       |
| 9) Benzaldehyde               | 6.995  | 77   | 96942    | 36.527 | ng    | 94       |
| 10) Phenol                    | 7.048  | 94   | 144819   | 40.730 | ng    | 91       |
| 11) bis(2-Chloroethyl)ether   | 7.277  | 93   | 104288   | 39.033 | ng    | 97       |
| 12) 1,3-Dichlorobenzene       | 7.742  | 146  | 124160   | 40.686 | ng    | 95       |
| 13) 1,4-Dichlorobenzene       | 7.888  | 146  | 126924   | 41.211 | ng    | 99       |
| 14) 1,2-Dichlorobenzene       | 8.206  | 146  | 122710   | 41.283 | ng    | 95       |
| 15) Benzyl Alcohol            | 8.088  | 79   | 122803   | 41.263 | ng    | 95       |
| 16) 2,2'-oxybis(1-Chloropr... | 8.370  | 45   | 218856   | 35.878 | ng    | 99       |
| 17) 2-Methylphenol            | 8.294  | 107  | 103287   | 38.978 | ng    | 95       |
| 18) Hexachloroethane          | 8.934  | 117  | 50569    | 42.063 | ng    | 95       |
| 19) n-Nitroso-di-n-propyla... | 8.658  | 70   | 98616    | 39.955 | ng    | 99       |
| 20) 3+4-Methylphenols         | 8.623  | 107  | 145251   | 39.448 | ng    | 96       |
| 22) Acetophenone              | 8.670  | 105  | 196655   | 40.974 | ng    | 98       |
| 24) Nitrobenzene              | 9.052  | 77   | 147836   | 41.596 | ng    | 97       |
| 25) Isophorone                | 9.575  | 82   | 282840   | 40.008 | ng    | 99       |
| 26) 2-Nitrophenol             | 9.757  | 139  | 71389    | 46.487 | ng    | # 84     |
| 27) 2,4-Dimethylphenol        | 9.821  | 122  | 112448   | 41.706 | ng    | 95       |
| 28) bis(2-Chloroethoxy)met... | 10.056 | 93   | 153082   | 40.158 | ng    | 98       |
| 29) 2,4-Dichlorophenol        | 10.291 | 162  | 120498   | 42.357 | ng    | 97       |
| 30) 1,2,4-Trichlorobenzene    | 10.503 | 180  | 126945   | 42.321 | ng    | 99       |
| 31) Naphthalene               | 10.691 | 128  | 403670   | 41.034 | ng    | 98       |
| 32) Benzoic acid              | 9.986  | 122  | 88117m   | 41.172 | ng    |          |
| 33) 4-Chloroaniline           | 10.797 | 127  | 156429   | 41.027 | ng    | 98       |
| 34) Hexachlorobutadiene       | 10.985 | 225  | 98828    | 44.572 | ng    | 94       |
| 35) Caprolactam               | 11.590 | 113  | 42258    | 38.363 | ng    | 90       |
| 36) 4-Chloro-3-methylphenol   | 11.931 | 107  | 150290   | 40.717 | ng    | 100      |
| 37) 2-Methylnaphthalene       | 12.301 | 142  | 303171   | 41.461 | ng    | 96       |
| 38) 1-Methylnaphthalene       | 12.524 | 142  | 297489   | 41.189 | ng    | 99       |
| 40) 1,2,4,5-Tetrachloroben... | 12.671 | 216  | 167509   | 42.680 | ng    | 98       |
| 41) Hexachlorocyclopentadiene | 12.653 | 237  | 94524    | 50.675 | ng    | 90       |
| 43) 2,4,6-Trichlorophenol     | 12.912 | 196  | 109704   | 41.820 | ng    | 95       |

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 Sample : SSTDCCC040  
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## Instrument :

BNA\_G

## ClientSampleId :

SSTDCCC040

## Manual Integrations

## APPROVED

Reviewed By :Rahul Chavli 09/05/2025

Supervised By :Jagrut Upadhyay 09/05/2025

Quant Time: Sep 04 13:12:44 2025

Quant Method : Z:\svoasrv\HPCHEM1\BNA\_G\Methods\8270-BG082825.M

Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

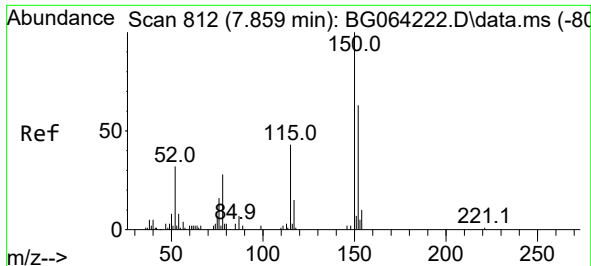
QLast Update : Thu Aug 28 17:41:58 2025

Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc   | Units | Dev(Min) |
|-------------------------------|--------|------|----------|--------|-------|----------|
| 44) 2,4,5-Trichlorophenol     | 12.982 | 196  | 122164   | 42.931 | ng    | 94       |
| 46) 1,1'-Biphenyl             | 13.317 | 154  | 406406   | 41.021 | ng    | 99       |
| 47) 2-Chloronaphthalene       | 13.358 | 162  | 301914   | 40.535 | ng    | 99       |
| 48) 2-Nitroaniline            | 13.558 | 65   | 109225   | 43.025 | ng    | 95       |
| 49) Acenaphthylene            | 14.199 | 152  | 449104   | 40.790 | ng    | 99       |
| 50) Dimethylphthalate         | 13.940 | 163  | 393745   | 38.243 | ng    | 99       |
| 51) 2,6-Dinitrotoluene        | 14.058 | 165  | 84029    | 42.157 | ng    | 94       |
| 52) Acenaphthene              | 14.545 | 154  | 312041   | 40.160 | ng    | 96       |
| 53) 3-Nitroaniline            | 14.387 | 138  | 81677    | 39.119 | ng    | 99       |
| 54) 2,4-Dinitrophenol         | 14.586 | 184  | 49421    | 40.920 | ng #  | 82       |
| 55) Dibenzofuran              | 14.880 | 168  | 483192   | 39.536 | ng    | 99       |
| 56) 4-Nitrophenol             | 14.692 | 139  | 57211    | 33.404 | ng    | 95       |
| 57) 2,4-Dinitrotoluene        | 14.839 | 165  | 121921   | 40.454 | ng #  | 99       |
| 58) Fluorene                  | 15.527 | 166  | 386802   | 38.614 | ng    | 99       |
| 59) 2,3,4,6-Tetrachlorophenol | 15.104 | 232  | 111185   | 40.624 | ng    | 99       |
| 60) Diethylphthalate          | 15.309 | 149  | 394730   | 35.823 | ng    | 98       |
| 61) 4-Chlorophenyl-phenyle... | 15.527 | 204  | 202019   | 40.449 | ng    | 99       |
| 62) 4-Nitroaniline            | 15.550 | 138  | 76228    | 35.779 | ng    | 95       |
| 63) Azobenzene                | 15.814 | 77   | 366626   | 37.331 | ng    | 96       |
| 65) 4,6-Dinitro-2-methylph... | 15.609 | 198  | 74424    | 47.011 | ng    | 89       |
| 66) n-Nitrosodiphenylamine    | 15.738 | 169  | 328984   | 43.370 | ng    | 96       |
| 67) 4-Bromophenyl-phenylether | 16.414 | 248  | 136824   | 46.718 | ng    | 96       |
| 68) Hexachlorobenzene         | 16.531 | 284  | 147324   | 45.298 | ng    | 95       |
| 69) Atrazine                  | 16.690 | 200  | 111658   | 35.254 | ng    | 99       |
| 70) Pentachlorophenol         | 16.872 | 266  | 86603    | 43.916 | ng    | 91       |
| 71) Phenanthrene              | 17.266 | 178  | 585169   | 40.235 | ng    | 98       |
| 72) Anthracene                | 17.354 | 178  | 591555   | 39.986 | ng    | 98       |
| 73) Carbazole                 | 17.624 | 167  | 460758   | 35.354 | ng    | 99       |
| 74) Di-n-butylphthalate       | 18.188 | 149  | 527479   | 33.688 | ng    | 98       |
| 75) Fluoranthene              | 19.275 | 202  | 572878   | 33.500 | ng    | 98       |
| 77) Benzidine                 | 19.451 | 184  | 208461   | 40.956 | ng    | 98       |
| 78) Pyrene                    | 19.633 | 202  | 601714   | 39.474 | ng    | 99       |
| 80) Butylbenzylphthalate      | 20.532 | 149  | 246689   | 42.907 | ng    | 94       |
| 81) Benzo(a)anthracene        | 21.431 | 228  | 640344   | 41.368 | ng    | 98       |
| 82) 3,3'-Dichlorobenzidine    | 21.355 | 252  | 213638   | 42.378 | ng    | 99       |
| 83) Chrysene                  | 21.496 | 228  | 606066   | 40.784 | ng    | 99       |
| 84) Bis(2-ethylhexyl)phtha... | 21.361 | 149  | 360304   | 41.741 | ng    | 100      |
| 85) Di-n-octyl phthalate      | 22.501 | 149  | 627090   | 41.694 | ng    | 99       |
| 87) Indeno(1,2,3-cd)pyrene    | 27.859 | 276  | 753452   | 41.067 | ng #  | 98       |
| 88) Benzo(b)fluoranthene      | 23.511 | 252  | 619755   | 40.873 | ng    | 98       |
| 89) Benzo(k)fluoranthene      | 23.576 | 252  | 644528   | 41.724 | ng #  | 97       |
| 90) Benzo(a)pyrene            | 24.316 | 252  | 585541   | 41.514 | ng    | 97       |
| 91) Dibenzo(a,h)anthracene    | 27.912 | 278  | 613723   | 41.662 | ng    | 98       |
| 92) Benzo(g,h,i)perylene      | 28.911 | 276  | 589696   | 41.139 | ng #  | 96       |

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





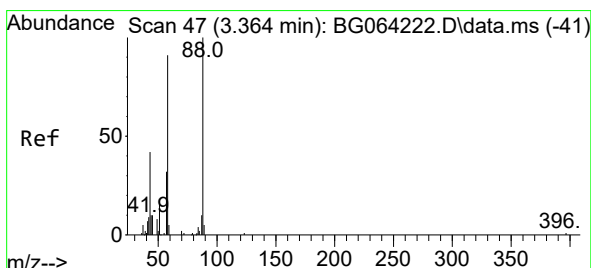
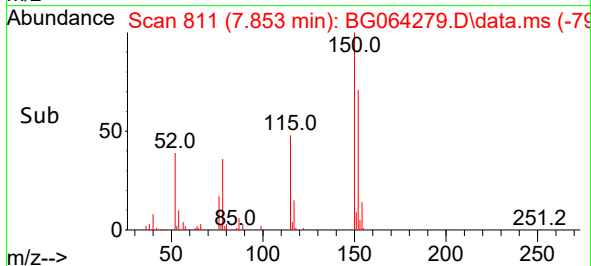
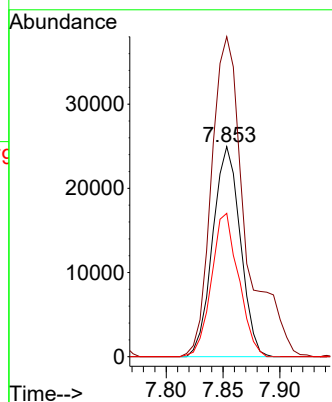
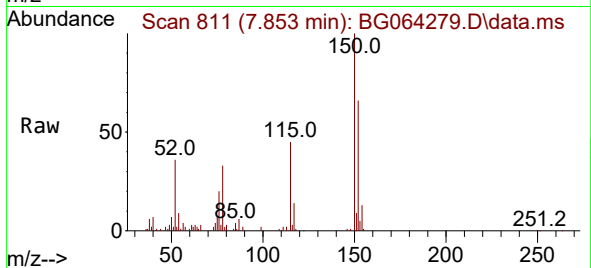
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1,4-Dichlorobenzene-d4  
Concen: 20.000 ng  
RT: 7.853 min Scan# 81  
Delta R.T. -0.006 min  
Lab File: BG064279.D  
Acq: 4 Sep 2025 11:40

Instrument :  
BNA\_G  
ClientSampleId :  
SSTDCCC040

Tgt Ion:152 Resp: 4211  
Ion Ratio Lower Upper  
152 100  
150 152.3 128.0 192.0  
115 68.2 55.7 83.5

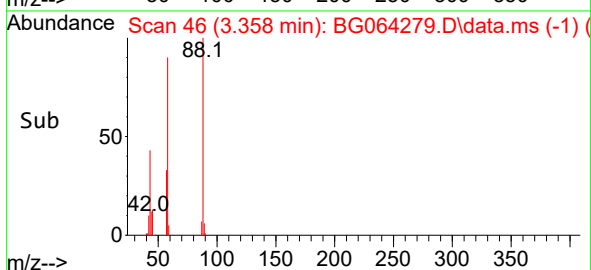
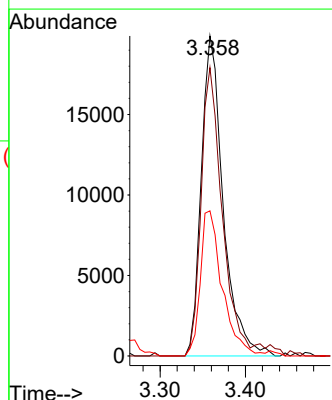
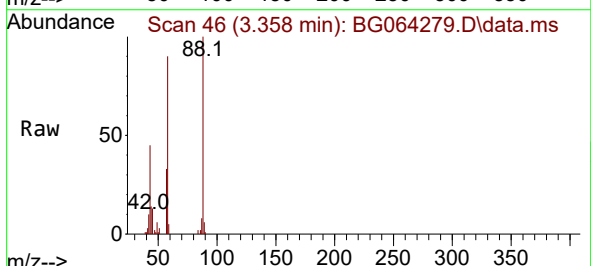
Manual Integrations  
APPROVED

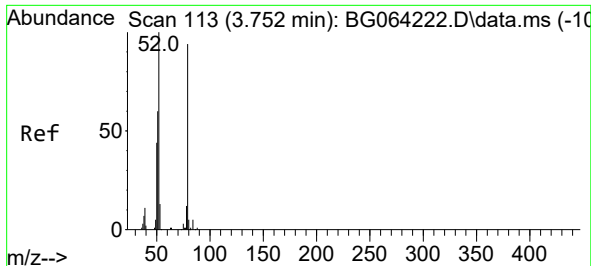
Reviewed By :Rahul Chavli 09/05/2025  
Supervised By :Jagrut Upadhyay 09/05/2025



#2  
1,4-Dioxane  
Concen: 36.353 ng  
RT: 3.358 min Scan# 46  
Delta R.T. -0.000 min  
Lab File: BG064279.D  
Acq: 4 Sep 2025 11:40

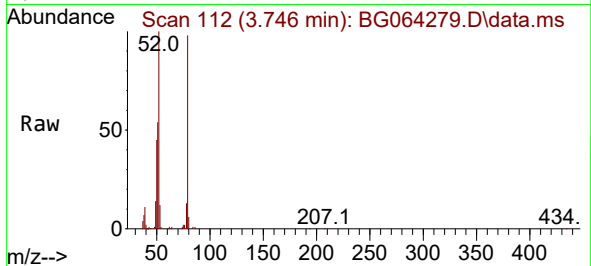
Tgt Ion: 88 Resp: 35569  
Ion Ratio Lower Upper  
88 100  
58 86.8 80.8 121.2  
43 45.5 40.3 60.5





#3  
Pyridine  
Concen: 37.125 ng  
RT: 3.746 min Scan# 113  
Delta R.T. -0.006 min  
Lab File: BG064279.D  
Acq: 4 Sep 2025 11:40

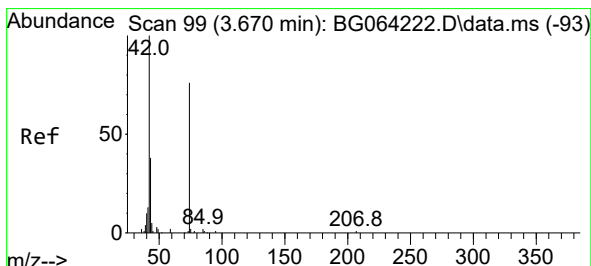
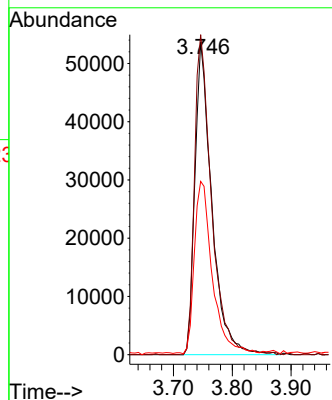
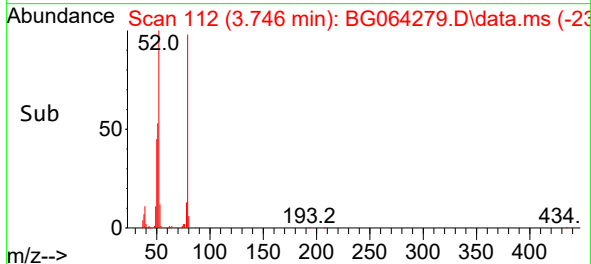
Instrument :  
BNA\_G  
ClientSampleId :  
SSTDCCC040



Tgt Ion: 79 Resp: 106924  
Ion Ratio Lower Upper  
79 100  
52 102.3 86.6 129.8  
51 55.4 114.1 171.1

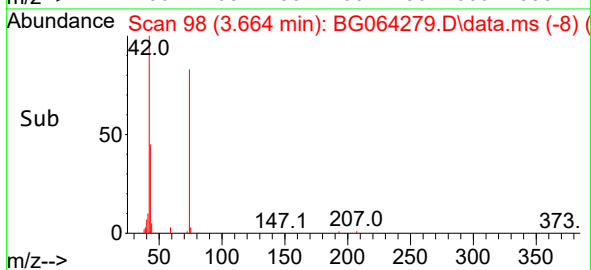
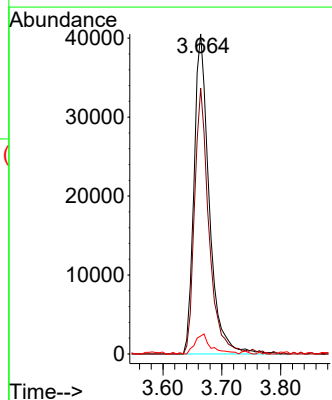
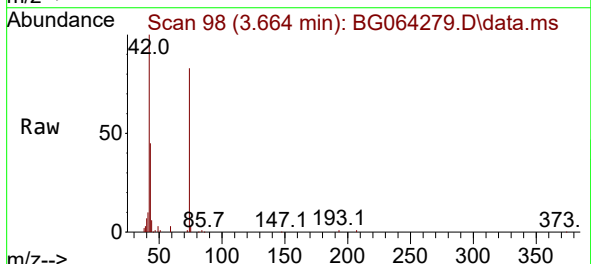
Manual Integrations  
APPROVED

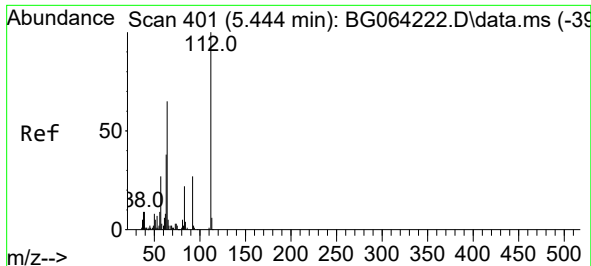
Reviewed By :Rahul Chavli 09/05/2025  
Supervised By :Jagrut Upadhyay 09/05/2025



#4  
n-Nitrosodimethylamine  
Concen: 38.169 ng  
RT: 3.664 min Scan# 98  
Delta R.T. -0.000 min  
Lab File: BG064279.D  
Acq: 4 Sep 2025 11:40

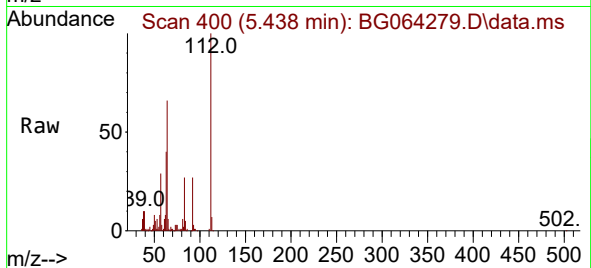
Tgt Ion: 42 Resp: 72713  
Ion Ratio Lower Upper  
42 100  
74 83.1 58.0 87.0  
44 5.6 5.5 8.3





#5  
2-Fluorophenol  
Concen: 79.404 ng  
RT: 5.438 min Scan# 401  
Delta R.T. -0.006 min  
Lab File: BG064279.D  
Acq: 4 Sep 2025 11:40

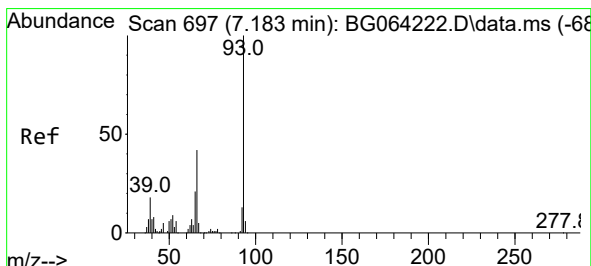
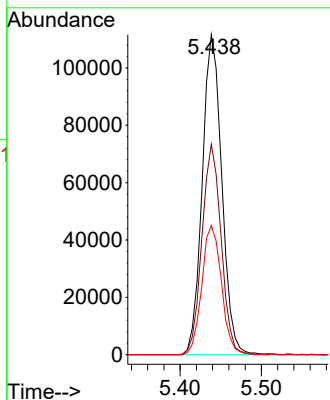
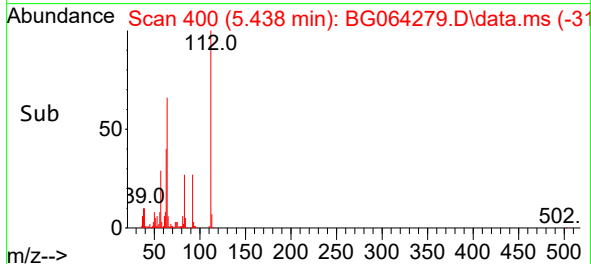
Instrument :  
BNA\_G  
ClientSampleId :  
SSTDCCC040



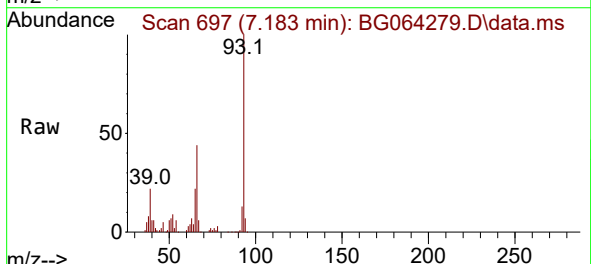
Tgt Ion:112 Resp: 186394  
Ion Ratio Lower Upper  
112 100  
64 65.8 51.8 77.6  
63 40.4 30.6 45.8

Manual Integrations  
APPROVED

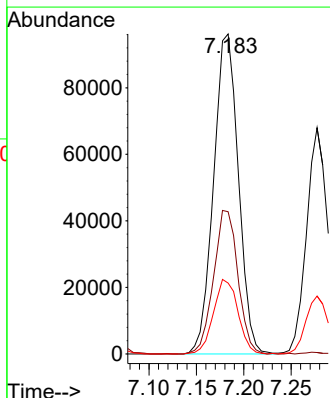
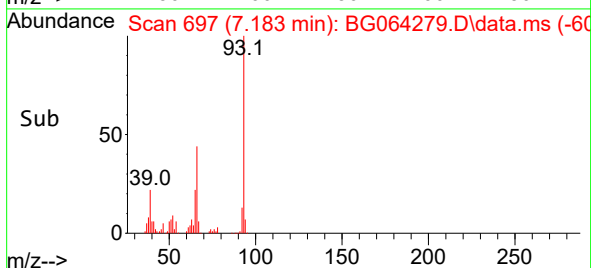
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Supervised By :Jagrut Upadhyay 09/05/2025

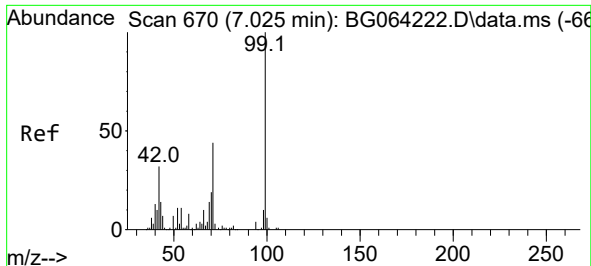


#6  
Aniline  
Concen: 39.224 ng  
RT: 7.183 min Scan# 697  
Delta R.T. -0.006 min  
Lab File: BG064279.D  
Acq: 4 Sep 2025 11:40



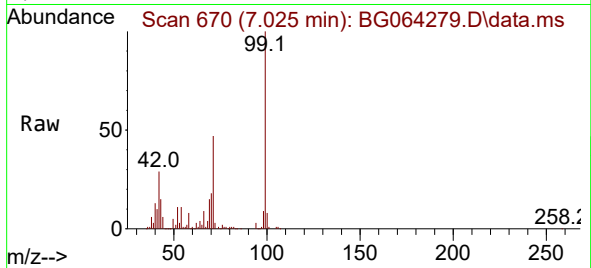
Tgt Ion: 93 Resp: 174926  
Ion Ratio Lower Upper  
93 100  
66 44.5 33.8 50.8  
65 22.1 16.9 25.3





#7  
Phenol-d6  
Concen: 82.704 ng  
RT: 7.025 min Scan# 61  
Delta R.T. -0.006 min  
Lab File: BG064279.D  
Acq: 4 Sep 2025 11:40

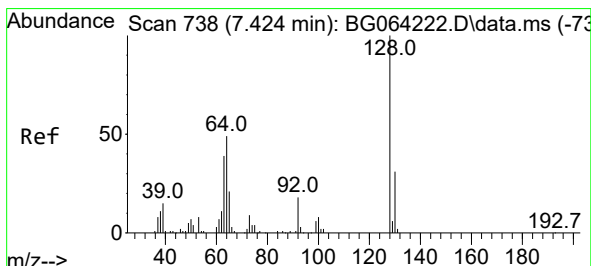
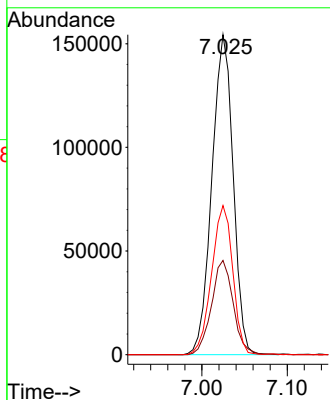
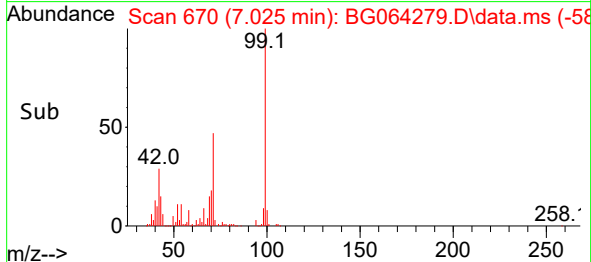
Instrument :  
BNA\_G  
ClientSampleId :  
SSTDCCC040



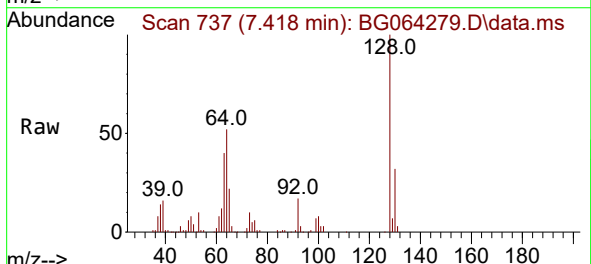
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Ion Ratio Lower Upper  
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71 46.6 35.2 52.8

Manual Integrations  
APPROVED

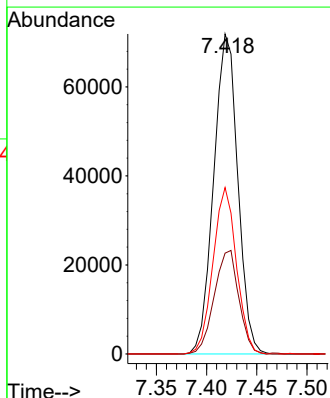
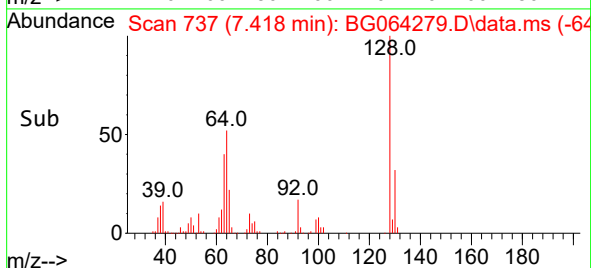
Reviewed By :Rahul Chavli 09/05/2025  
Supervised By :Jagrut Upadhyay 09/05/2025

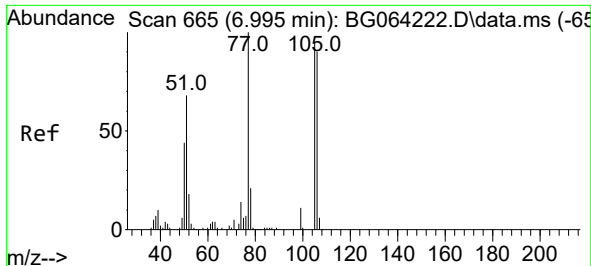


#8  
2-Chlorophenol  
Concen: 41.763 ng  
RT: 7.418 min Scan# 737  
Delta R.T. -0.006 min  
Lab File: BG064279.D  
Acq: 4 Sep 2025 11:40



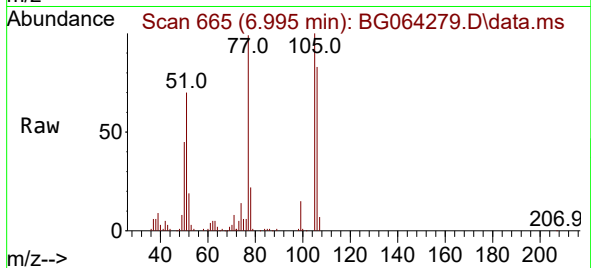
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Ion Ratio Lower Upper  
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130 31.5 10.9 50.9  
64 52.0 28.7 68.7





#9  
Benzaldehyde  
Concen: 36.527 ng  
RT: 6.995 min Scan# 665  
Delta R.T. 0.000 min  
Lab File: BG064279.D  
Acq: 4 Sep 2025 11:40

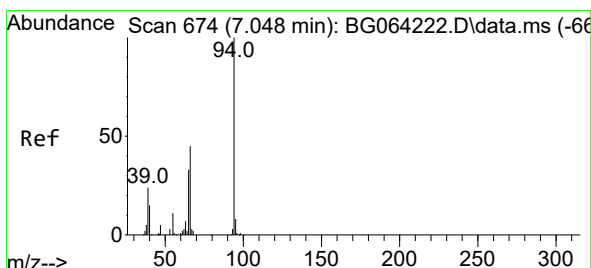
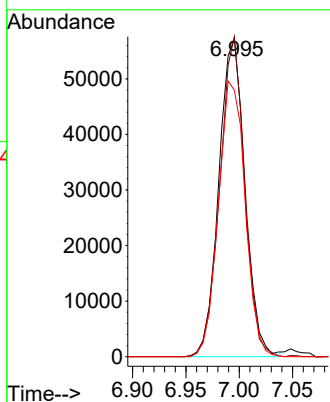
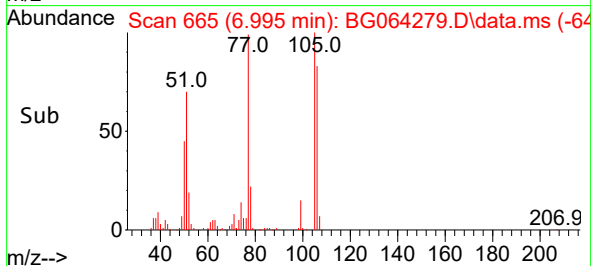
Instrument :  
BNA\_G  
ClientSampleId :  
SSTDCCC040



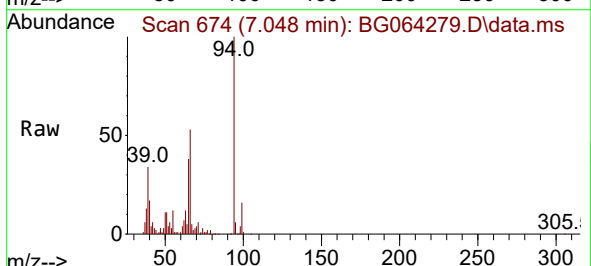
Tgt Ion: 77 Resp: 9694  
Ion Ratio Lower Upper  
77 100  
105 100.8 75.2 115.2  
106 83.9 69.6 109.6

Manual Integrations  
APPROVED

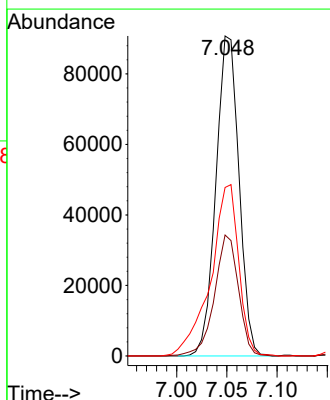
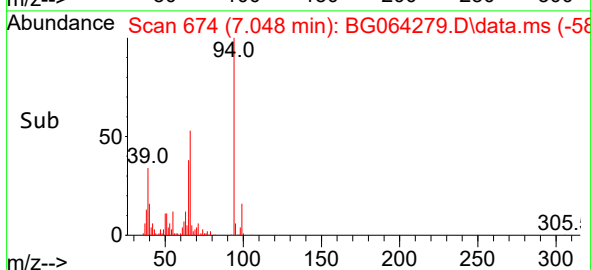
Reviewed By :Rahul Chavli 09/05/2025  
Supervised By :Jagrut Upadhyay 09/05/2025



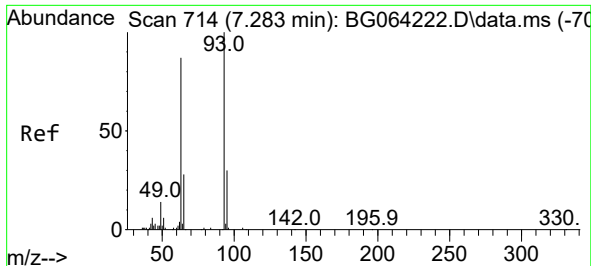
#10  
Phenol  
Concen: 40.730 ng  
RT: 7.048 min Scan# 674  
Delta R.T. -0.006 min  
Lab File: BG064279.D  
Acq: 4 Sep 2025 11:40



Tgt Ion: 94 Resp: 144819  
Ion Ratio Lower Upper  
94 100  
65 37.8 13.5 53.5  
66 52.6 26.2 66.2

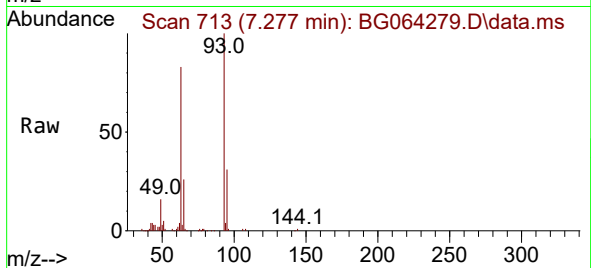






#11  
bis(2-Chloroethyl)ether  
Concen: 39.033 ng  
RT: 7.277 min Scan# 714  
Delta R.T. -0.006 min  
Lab File: BG064279.D  
Acq: 4 Sep 2025 11:40

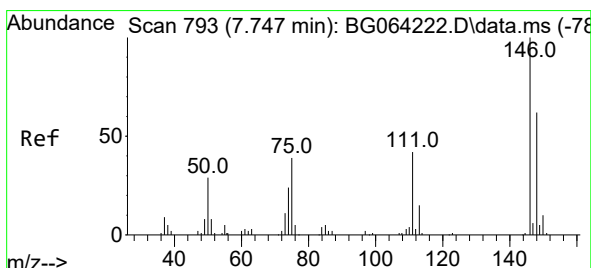
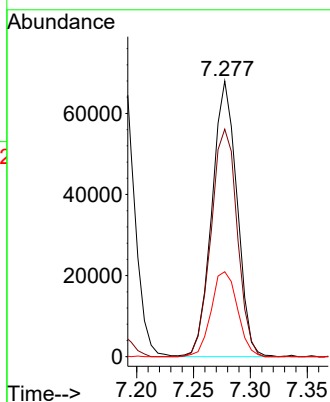
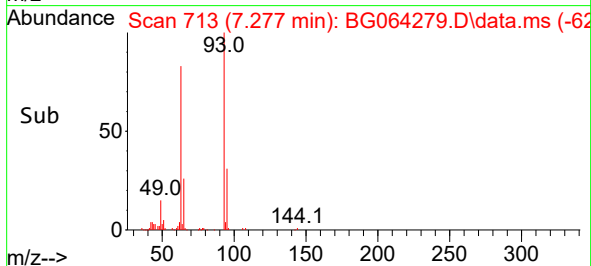
Instrument :  
BNA\_G  
ClientSampleId :  
SSTDCCC040



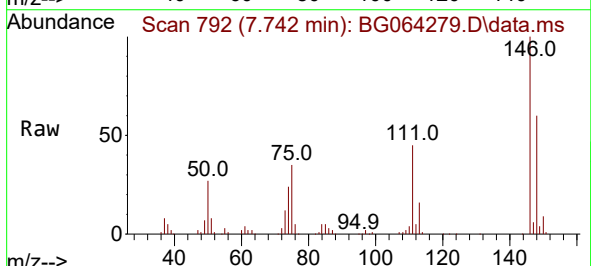
Tgt Ion: 93 Resp: 104288  
Ion Ratio Lower Upper  
93 100  
63 82.5 66.2 106.2  
95 30.8 9.8 49.8

Manual Integrations  
APPROVED

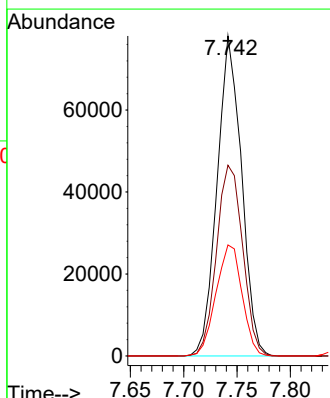
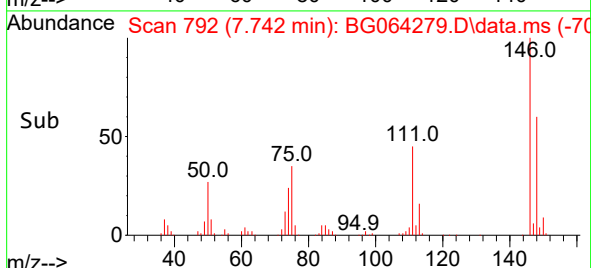
Reviewed By :Rahul Chavli 09/05/2025  
Supervised By :Jagrut Upadhyay 09/05/2025

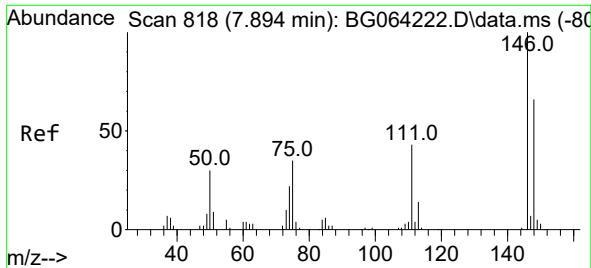


#12  
1,3-Dichlorobenzene  
Concen: 40.686 ng  
RT: 7.742 min Scan# 792  
Delta R.T. -0.006 min  
Lab File: BG064279.D  
Acq: 4 Sep 2025 11:40



Tgt Ion:146 Resp: 124160  
Ion Ratio Lower Upper  
146 100  
148 59.6 49.6 74.4  
75 34.7 31.0 46.6





#13

1,4-Dichlorobenzene

Concen: 41.211 ng

RT: 7.888 min Scan# 81

Delta R.T. -0.006 min

Lab File: BG064279.D

Acq: 4 Sep 2025 11:40

Instrument :

BNA\_G

ClientSampleId :

SSTDCCC040

Tgt Ion:146 Resp: 126924

Ion Ratio Lower Upper

146 100

148 64.9 52.8 79.2

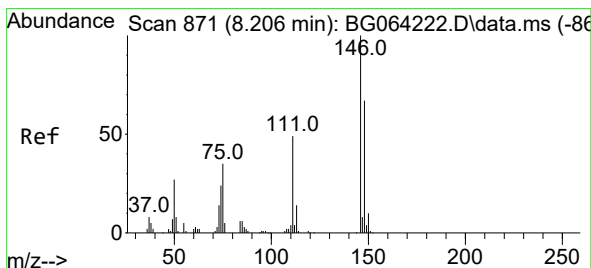
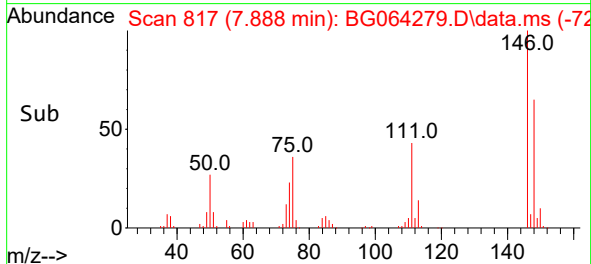
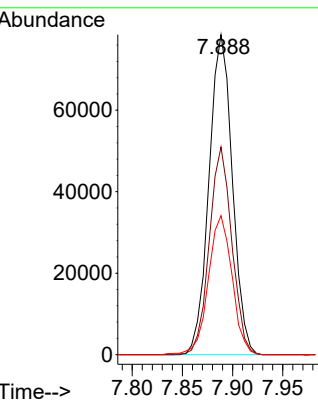
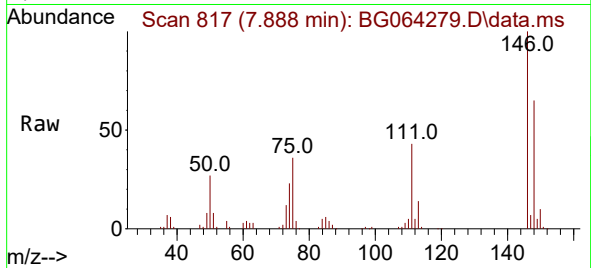
111 43.5 34.1 51.1

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 09/05/2025

Supervised By :Jagrut Upadhyay 09/05/2025



#14

1,2-Dichlorobenzene

Concen: 41.283 ng

RT: 8.206 min Scan# 871

Delta R.T. -0.006 min

Lab File: BG064279.D

Acq: 4 Sep 2025 11:40

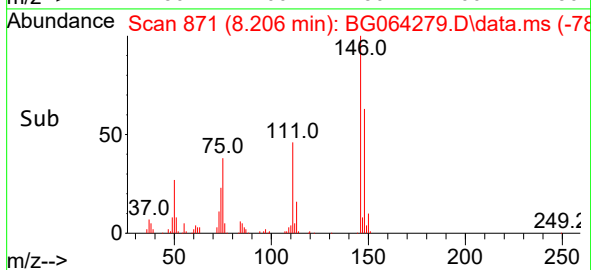
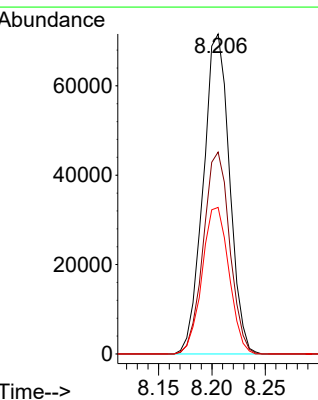
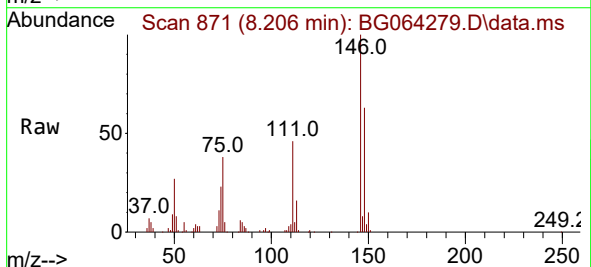
Tgt Ion:146 Resp: 122710

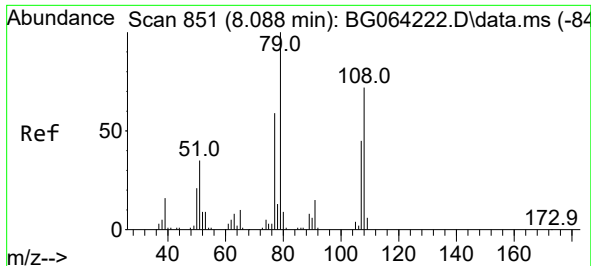
Ion Ratio Lower Upper

146 100

148 63.1 53.4 80.0

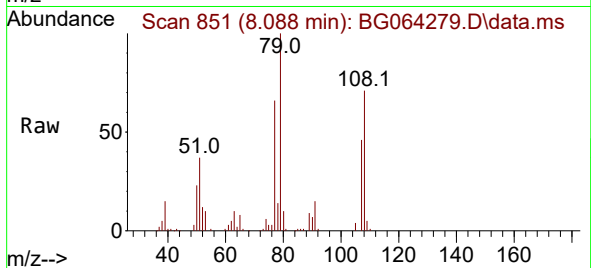
111 45.8 39.1 58.7





#15  
Benzyl Alcohol  
Concen: 41.263 ng  
RT: 8.088 min Scan# 801  
Delta R.T. -0.006 min  
Lab File: BG064279.D  
Acq: 4 Sep 2025 11:40

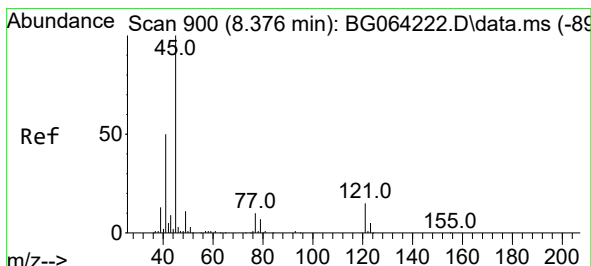
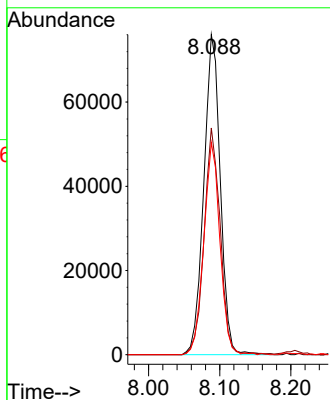
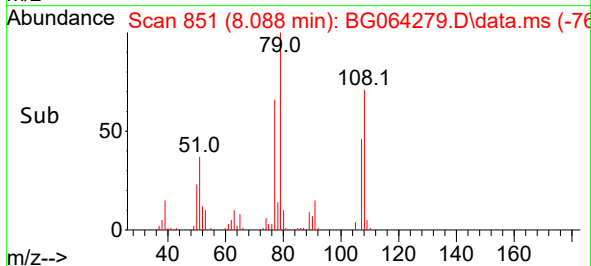
Instrument :  
BNA\_G  
ClientSampleId :  
SSTDCCC040



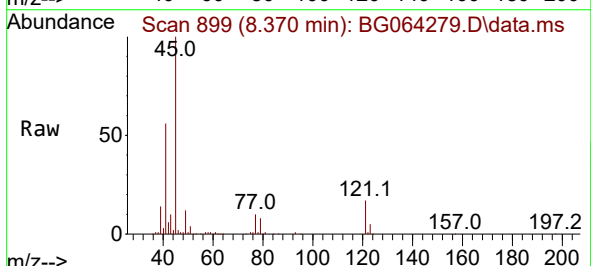
Tgt Ion: 79 Resp: 12280  
Ion Ratio Lower Upper  
79 100  
108 70.8 57.4 86.0  
77 66.3 47.2 70.8

Manual Integrations  
APPROVED

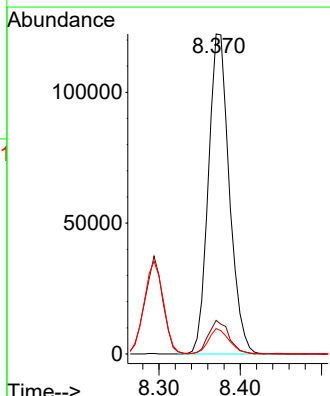
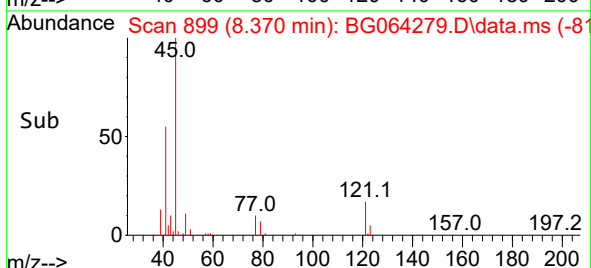
Reviewed By :Rahul Chavli 09/05/2025  
Supervised By :Jagrut Upadhyay 09/05/2025

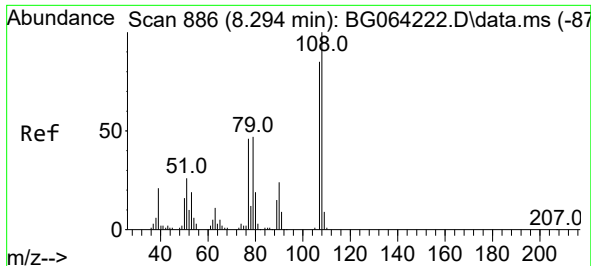


#16  
2,2'-oxybis(1-Chloropropane)  
Concen: 35.878 ng  
RT: 8.370 min Scan# 899  
Delta R.T. -0.006 min  
Lab File: BG064279.D  
Acq: 4 Sep 2025 11:40



Tgt Ion: 45 Resp: 218856  
Ion Ratio Lower Upper  
45 100  
77 10.5 0.0 30.0  
79 7.9 0.0 27.9





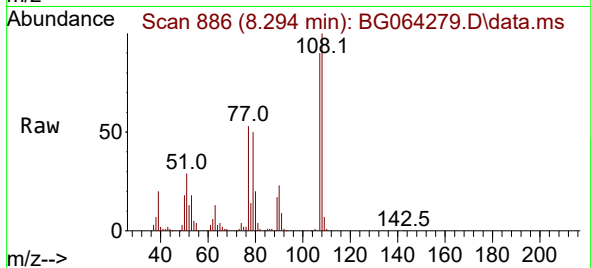
#17  
2-Methylphenol  
Concen: 38.978 ng  
RT: 8.294 min Scan# 886  
Delta R.T. -0.006 min  
Lab File: BG064279.D  
Acq: 4 Sep 2025 11:40

Instrument :

BNA\_G

ClientSampleId :

SSTDCCC040

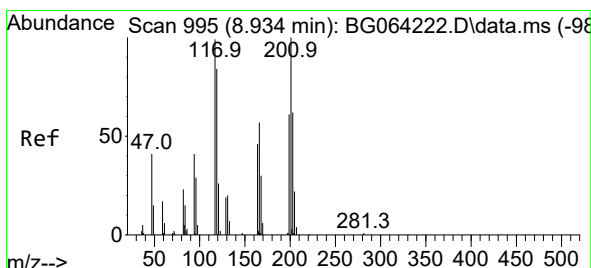
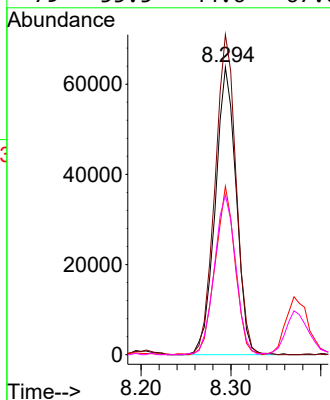
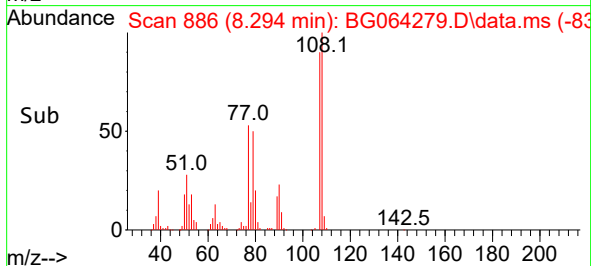


Tgt Ion:107 Resp: 10328  
Ion Ratio Lower Upper  
107 100  
108 111.3 94.6 141.8  
77 58.6 43.7 65.5  
79 55.5 44.6 67.0

Manual Integrations

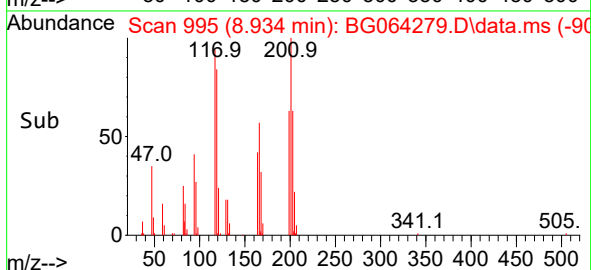
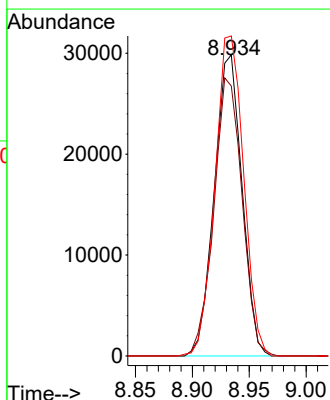
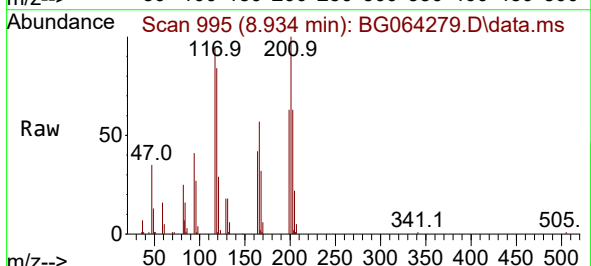
APPROVED

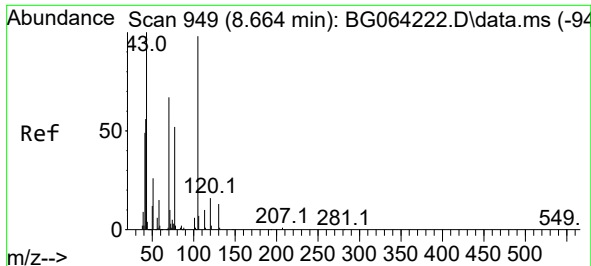
Reviewed By :Rahul Chavli 09/05/2025  
Supervised By :Jagrut Upadhyay 09/05/2025



#18  
Hexachloroethane  
Concen: 42.063 ng  
RT: 8.934 min Scan# 995  
Delta R.T. -0.000 min  
Lab File: BG064279.D  
Acq: 4 Sep 2025 11:40

Tgt Ion:117 Resp: 50569  
Ion Ratio Lower Upper  
117 100  
119 89.7 67.9 101.9  
201 106.3 80.5 120.7





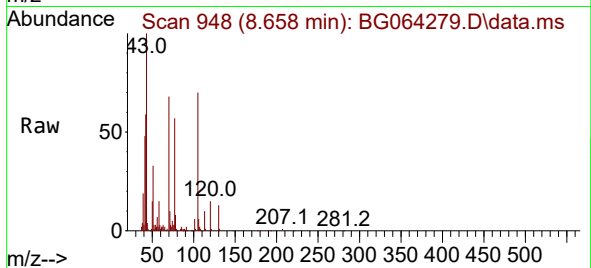
#19  
n-Nitroso-di-n-propylamine  
Concen: 39.955 ng  
RT: 8.658 min Scan# 948  
Delta R.T. -0.006 min  
Lab File: BG064279.D  
Acq: 4 Sep 2025 11:40

Instrument :

BNA\_G

ClientSampleId :

SSTDCCC040

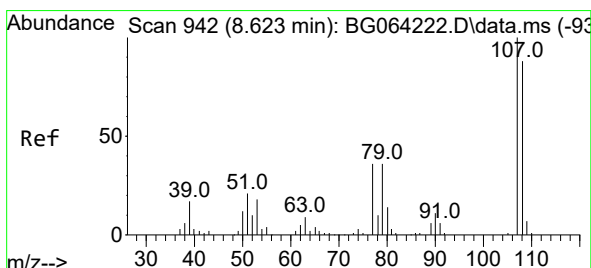
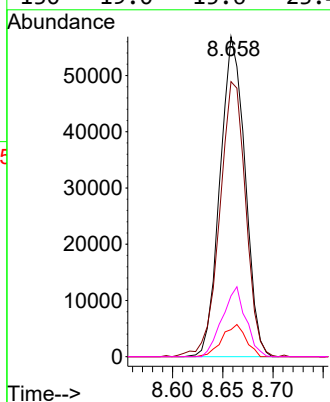
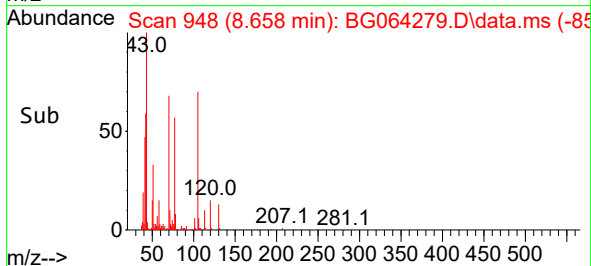


Tgt Ion: 70 Resp: 98610  
Ion Ratio Lower Upper  
70 100  
42 85.9 67.9 101.9  
101 8.5 7.3 10.9  
130 19.0 15.6 23.4

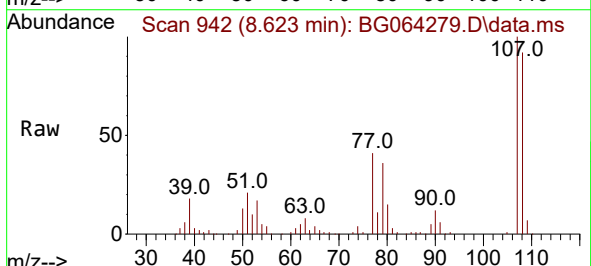
Manual Integrations

APPROVED

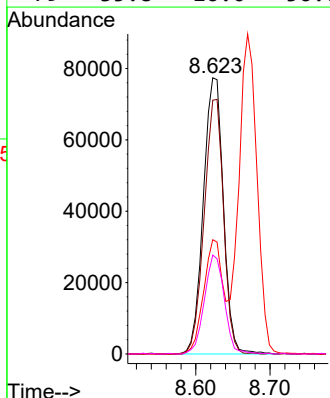
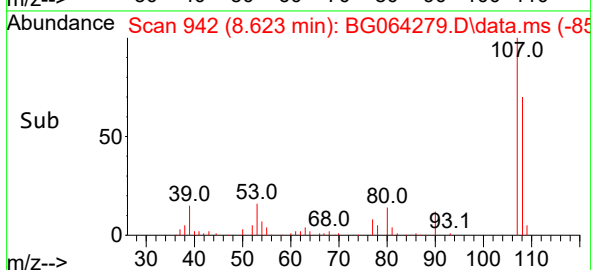
Reviewed By :Rahul Chavli 09/05/2025  
Supervised By :Jagrut Upadhyay 09/05/2025

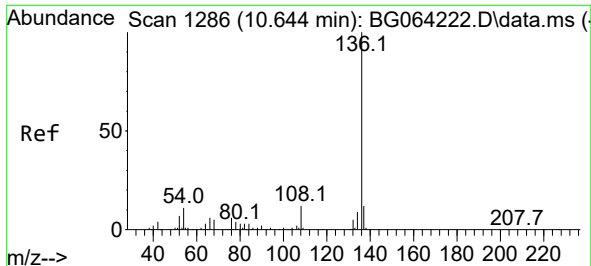


#20  
3+4-Methylphenols  
Concen: 39.448 ng  
RT: 8.623 min Scan# 942  
Delta R.T. -0.006 min  
Lab File: BG064279.D  
Acq: 4 Sep 2025 11:40



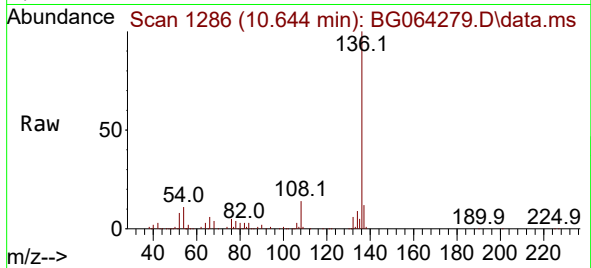
Tgt Ion:107 Resp: 145251  
Ion Ratio Lower Upper  
107 100  
108 91.9 68.1 108.1  
77 41.3 15.9 55.9  
79 35.8 16.0 56.0





#21  
Naphthalene-d8  
Concen: 20.000 ng  
RT: 10.644 min Scan# 1286  
Delta R.T. -0.006 min  
Lab File: BG064279.D  
Acq: 4 Sep 2025 11:40

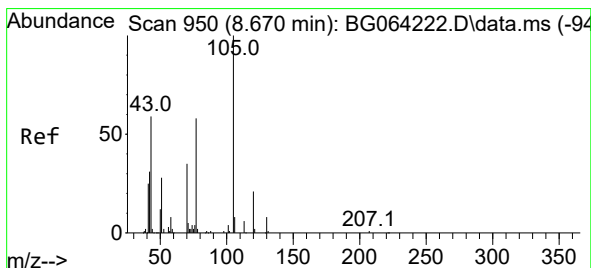
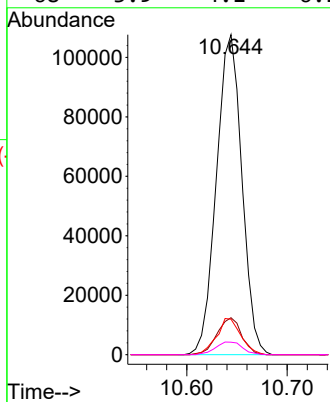
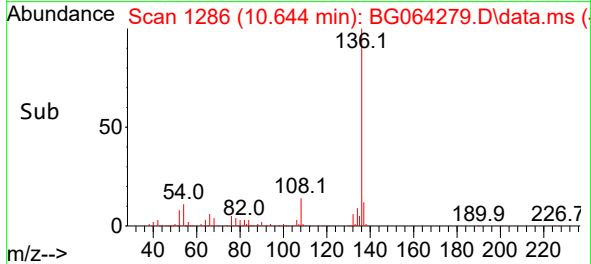
Instrument :  
BNA\_G  
ClientSampleId :  
SSTDCCC040



Tgt Ion:136 Resp: 189710  
Ion Ratio Lower Upper  
136 100  
137 11.5 9.6 14.4  
54 11.1 8.8 13.2  
68 3.9 4.1 6.1#

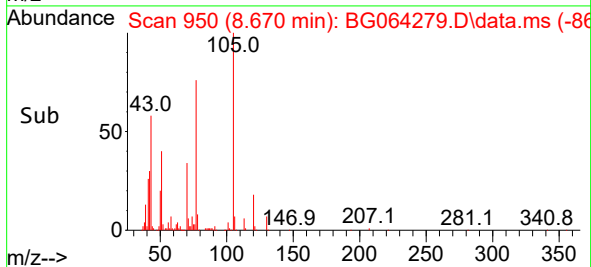
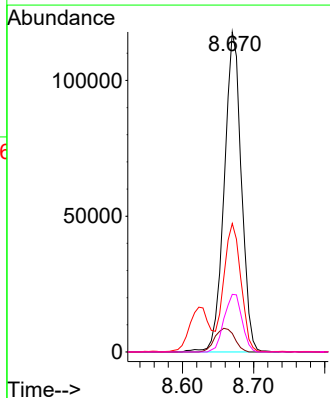
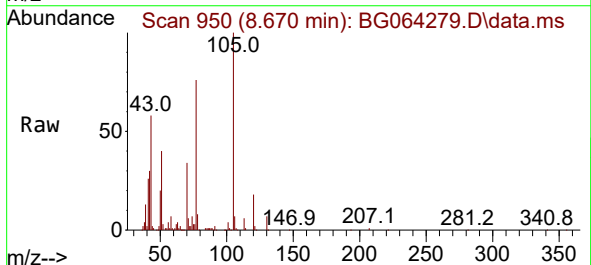
Manual Integrations  
APPROVED

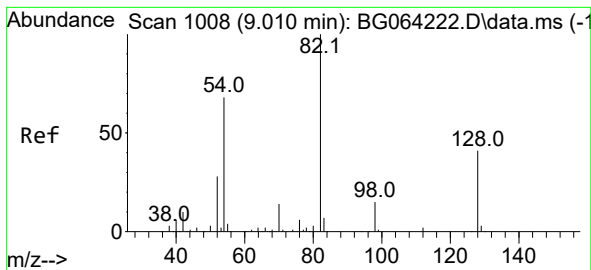
Reviewed By :Rahul Chavli 09/05/2025  
Supervised By :Jagrut Upadhyay 09/05/2025



#22  
Acetophenone  
Concen: 40.974 ng  
RT: 8.670 min Scan# 950  
Delta R.T. -0.006 min  
Lab File: BG064279.D  
Acq: 4 Sep 2025 11:40

Tgt Ion:105 Resp: 196655  
Ion Ratio Lower Upper  
105 100  
71 5.8 4.3 6.5  
51 40.2 32.4 48.6  
120 18.0 16.8 25.2





#23  
Nitrobenzene-d5  
Concen: 86.830 ng  
RT: 9.011 min Scan# 1008  
Delta R.T. -0.006 min  
Lab File: BG064279.D  
Acq: 4 Sep 2025 11:40

Instrument :

BNA\_G

ClientSampleId :

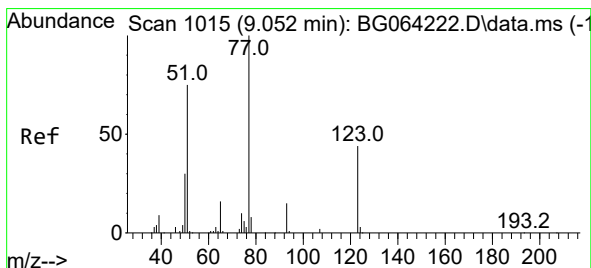
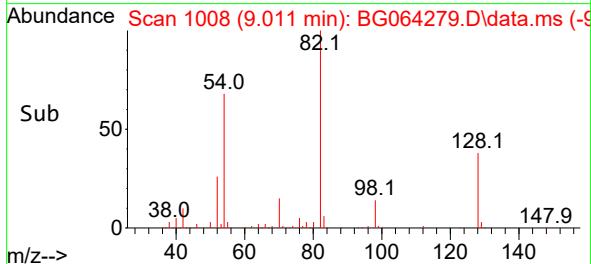
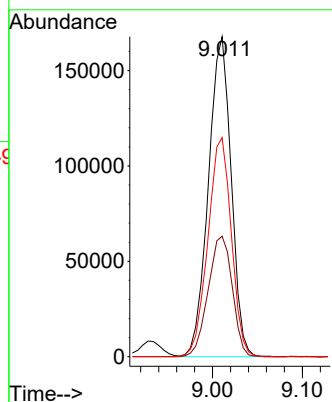
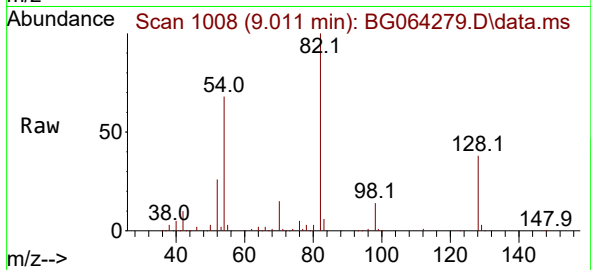
SSTDCCC040

Tgt Ion: 82 Resp: 29536  
Ion Ratio Lower Upper  
82 100  
128 37.6 32.6 48.8  
54 68.5 54.7 82.1

Manual Integrations

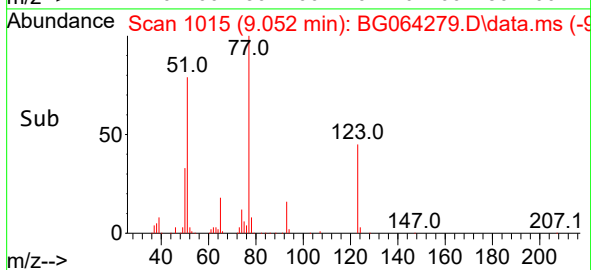
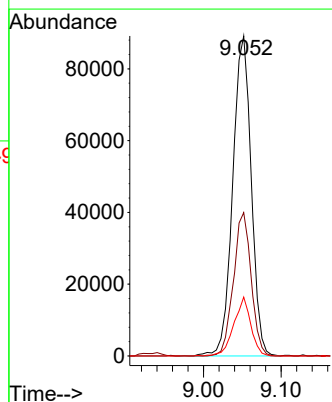
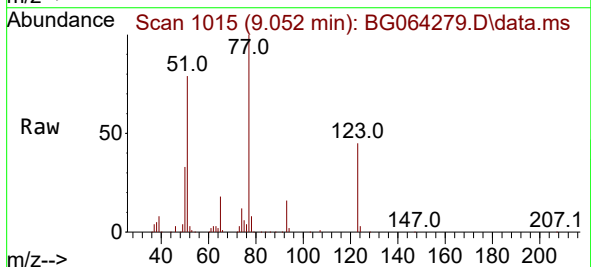
APPROVED

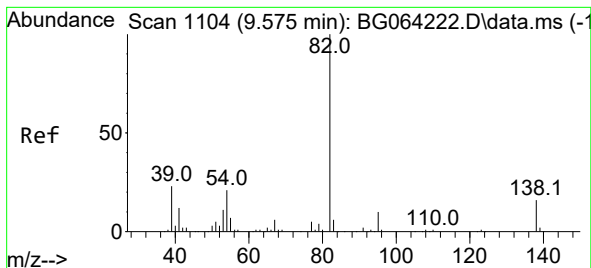
Reviewed By :Rahul Chavli 09/05/2025  
Supervised By :Jagrut Upadhyay 09/05/2025



#24  
Nitrobenzene  
Concen: 41.596 ng  
RT: 9.052 min Scan# 1015  
Delta R.T. -0.006 min  
Lab File: BG064279.D  
Acq: 4 Sep 2025 11:40

Tgt Ion: 77 Resp: 147836  
Ion Ratio Lower Upper  
77 100  
123 44.8 35.2 52.8  
65 18.4 12.6 19.0





#25

Isophorone

Concen: 40.008 ng

RT: 9.575 min Scan# 1104

Delta R.T. -0.012 min

Lab File: BG064279.D

Acq: 4 Sep 2025 11:40

Instrument :

BNA\_G

ClientSampleId :

SSTDCCC040

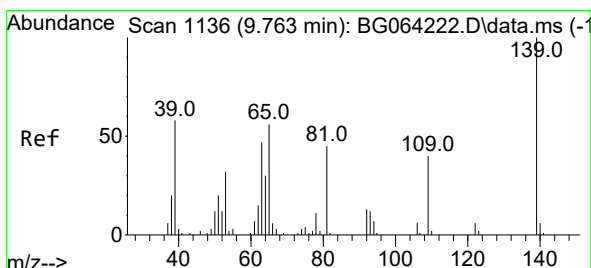
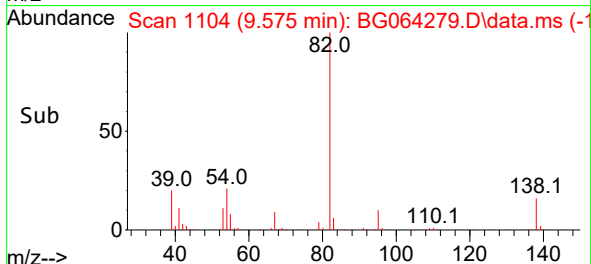
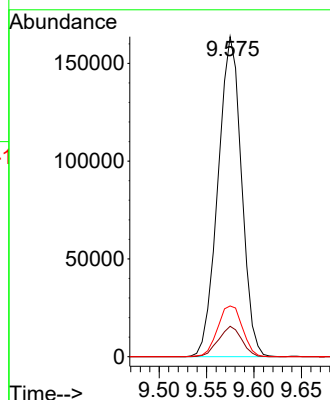
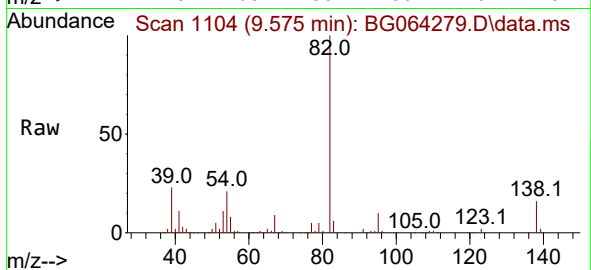
Tgt Ion: 82 Resp: 282840  
 Ion Ratio Lower Upper  
 82 100  
 95 9.5 7.9 11.9  
 138 15.8 13.0 19.4

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 09/05/2025

Supervised By :Jagrut Upadhyay 09/05/2025



#26

2-Nitrophenol

Concen: 46.487 ng

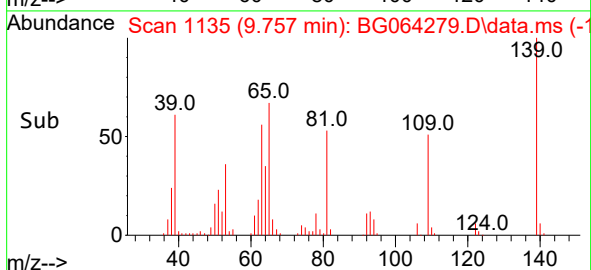
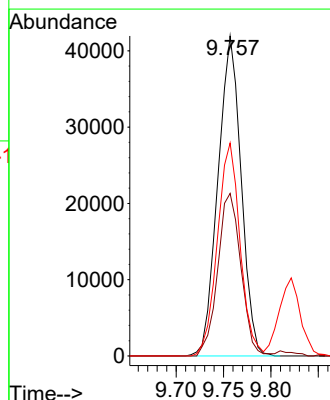
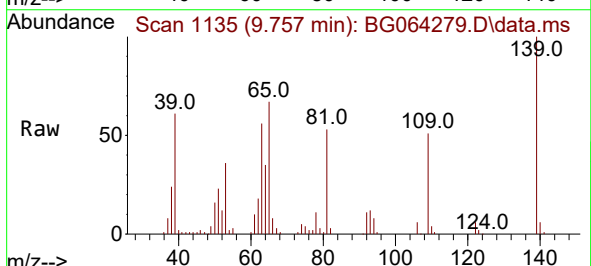
RT: 9.757 min Scan# 1135

Delta R.T. -0.006 min

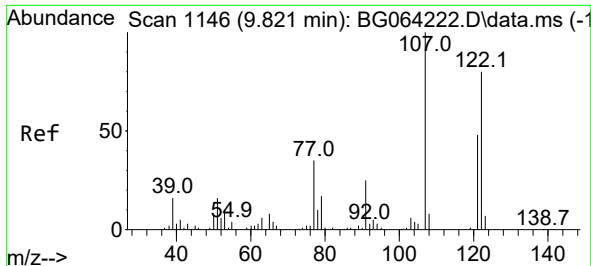
Lab File: BG064279.D

Acq: 4 Sep 2025 11:40

Tgt Ion:139 Resp: 71389  
 Ion Ratio Lower Upper  
 139 100  
 109 50.8 32.4 48.6#  
 65 66.5 44.6 67.0







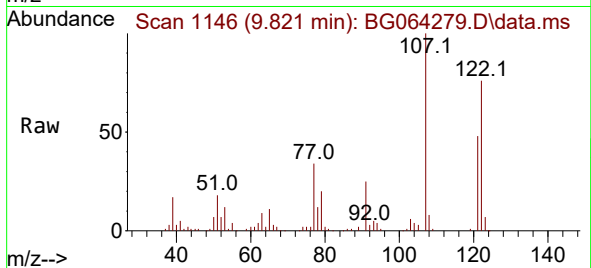
#27  
2,4-Dimethylphenol  
Concen: 41.706 ng  
RT: 9.821 min Scan# 1146  
Delta R.T. -0.006 min  
Lab File: BG064279.D  
Acq: 4 Sep 2025 11:40

Instrument :

BNA\_G

ClientSampleId :

SSTDCCC040



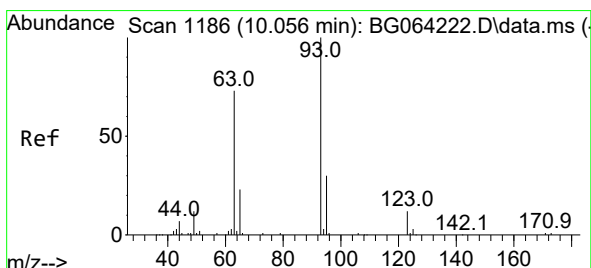
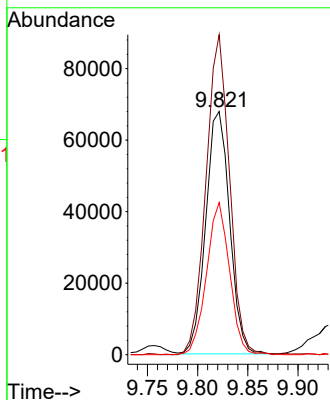
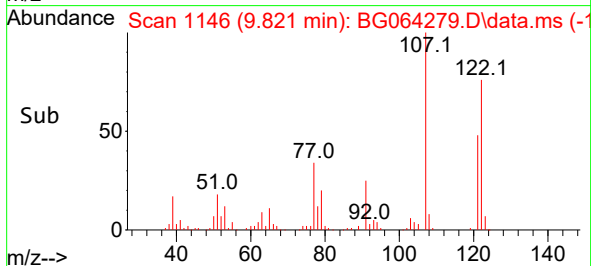
Tgt Ion:122 Resp: 112448  
Ion Ratio Lower Upper  
122 100  
107 131.5 99.9 149.9  
121 62.6 48.6 72.8

Manual Integrations

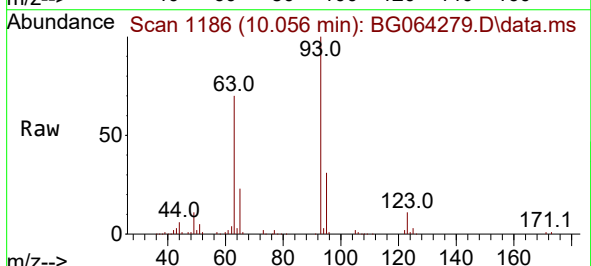
APPROVED

Reviewed By :Rahul Chavli 09/05/2025

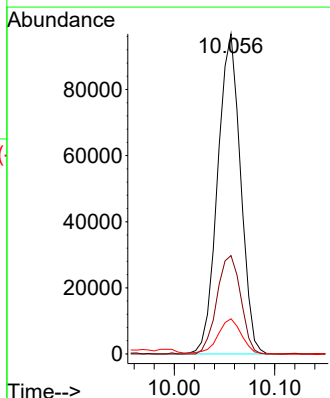
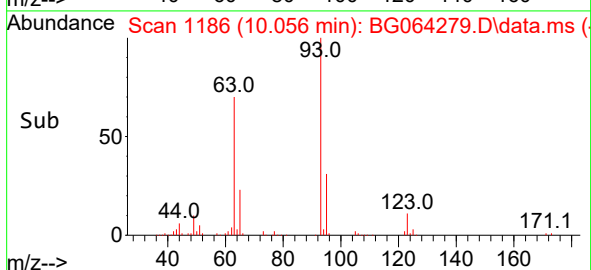
Supervised By :Jagrut Upadhyay 09/05/2025

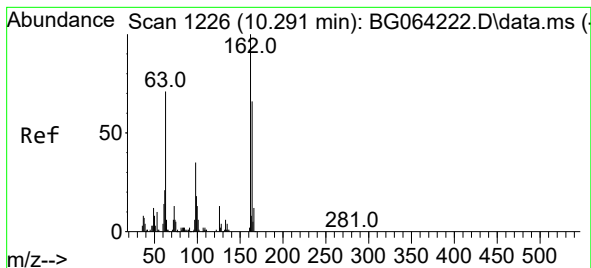


#28  
bis(2-Chloroethoxy)methane  
Concen: 40.158 ng  
RT: 10.056 min Scan# 1186  
Delta R.T. -0.006 min  
Lab File: BG064279.D  
Acq: 4 Sep 2025 11:40



Tgt Ion: 93 Resp: 153082  
Ion Ratio Lower Upper  
93 100  
95 30.8 23.9 35.9  
123 11.0 9.6 14.4





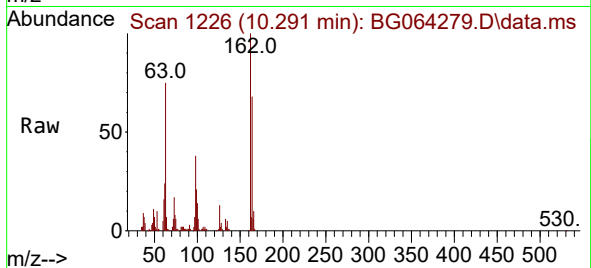
#29  
2,4-Dichlorophenol  
Concen: 42.357 ng  
RT: 10.291 min Scan# 1226  
Delta R.T. -0.006 min  
Lab File: BG064279.D  
Acq: 4 Sep 2025 11:40

Instrument :

BNA\_G

ClientSampleId :

SSTDCCC040



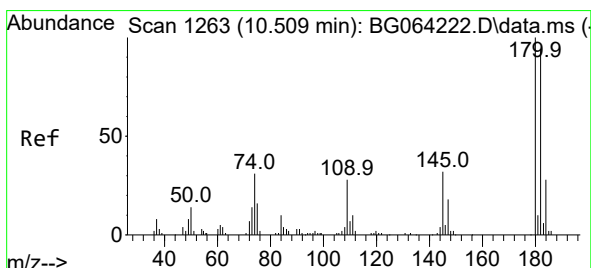
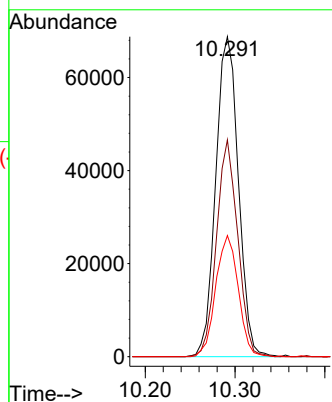
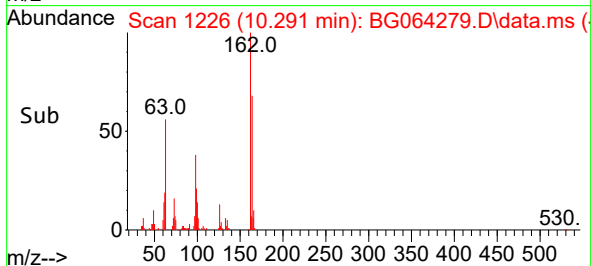
Tgt Ion:162 Resp: 120498  
Ion Ratio Lower Upper  
162 100  
164 67.7 45.8 85.8  
98 37.9 15.2 55.2

Manual Integrations

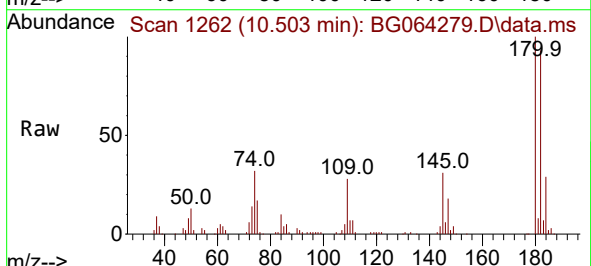
APPROVED

Reviewed By :Rahul Chavli 09/05/2025

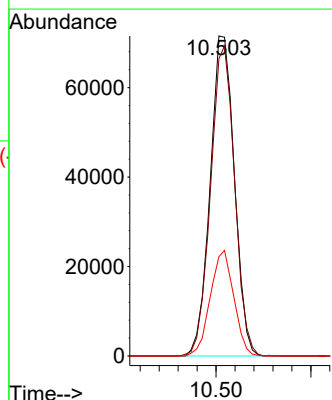
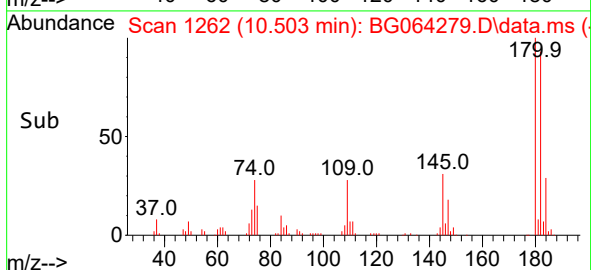
Supervised By :Jagrut Upadhyay 09/05/2025

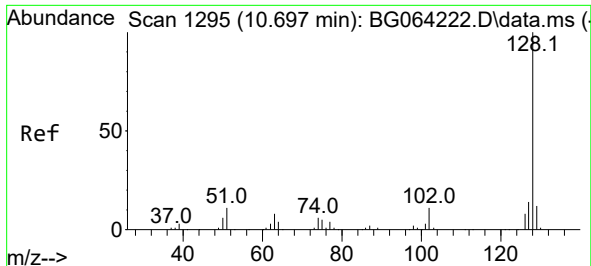


#30  
1,2,4-Trichlorobenzene  
Concen: 42.321 ng  
RT: 10.503 min Scan# 1262  
Delta R.T. -0.006 min  
Lab File: BG064279.D  
Acq: 4 Sep 2025 11:40



Tgt Ion:180 Resp: 126945  
Ion Ratio Lower Upper  
180 100  
182 92.9 75.0 112.6  
145 31.0 25.4 38.0





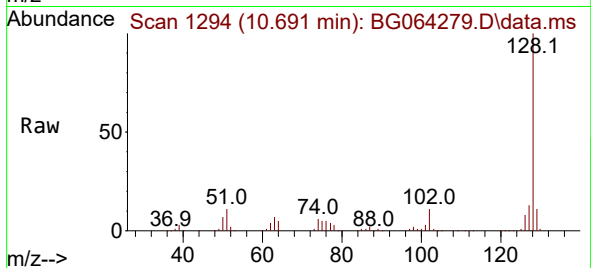
#31  
Naphthalene  
Concen: 41.034 ng  
RT: 10.691 min Scan# 1174  
Delta R.T. -0.006 min  
Lab File: BG064279.D  
Acq: 4 Sep 2025 11:40

Instrument :

BNA\_G

ClientSampleId :

SSTDCCC040



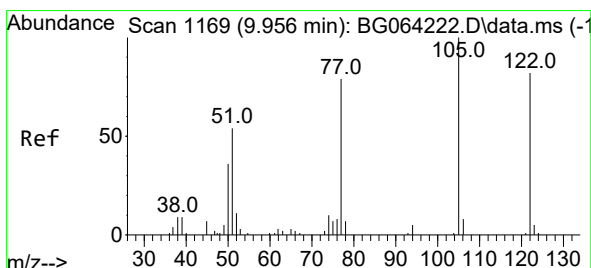
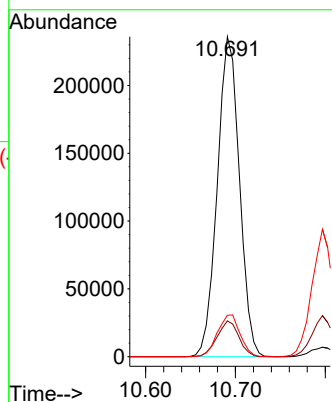
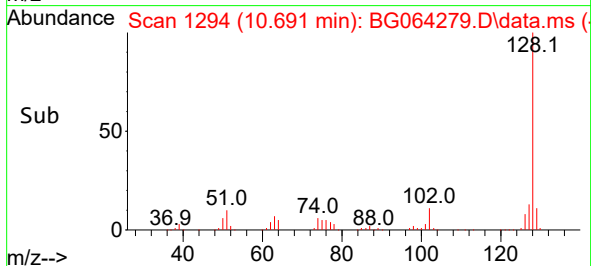
Tgt Ion:128 Resp: 403670  
Ion Ratio Lower Upper  
128 100  
129 11.2 9.4 14.2  
127 12.9 10.9 16.3

Manual Integrations

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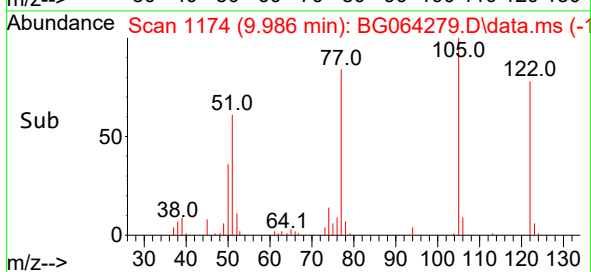
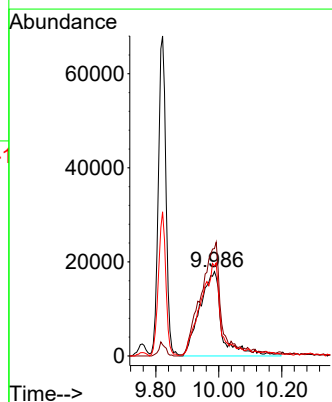
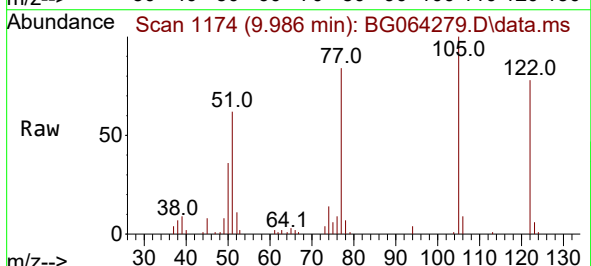
Reviewed By :Rahul Chavli 09/05/2025

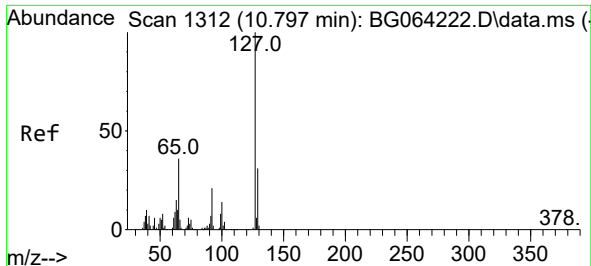
Supervised By :Jagrut Upadhyay 09/05/2025



#32  
Benzoic acid  
Concen: 41.172 ng m  
RT: 9.986 min Scan# 1174  
Delta R.T. -0.029 min  
Lab File: BG064279.D  
Acq: 4 Sep 2025 11:40

Tgt Ion:122 Resp: 88117  
Ion Ratio Lower Upper  
122 100  
105 127.5 98.5 138.5  
77 106.6 74.6 114.6





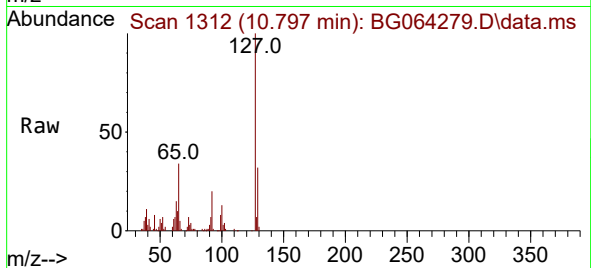
#33  
4-Chloroaniline  
Concen: 41.027 ng  
RT: 10.797 min Scan# 1312  
Delta R.T. -0.006 min  
Lab File: BG064279.D  
Acq: 4 Sep 2025 11:40

Instrument :

BNL\_G

ClientSampleId :

SSTDCCC040



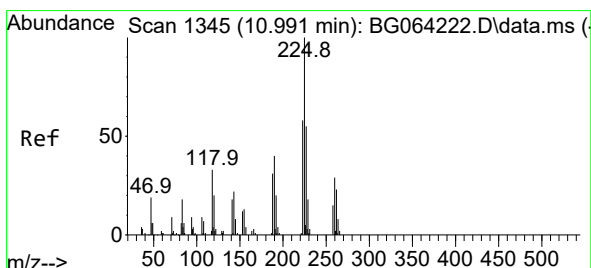
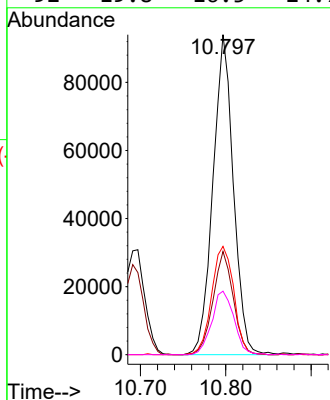
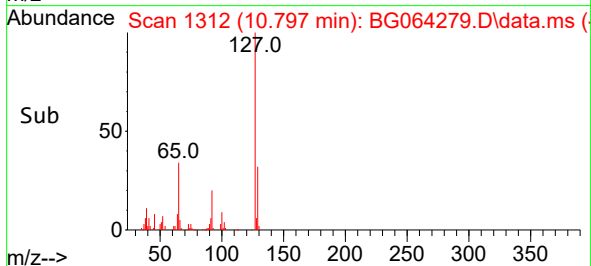
Tgt Ion:127 Resp: 156429  
Ion Ratio Lower Upper  
127 100  
129 32.2 25.0 37.4  
65 33.8 28.7 43.1  
92 19.8 16.5 24.7

Manual Integrations

APPROVED

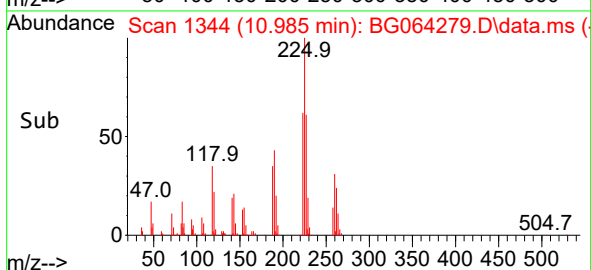
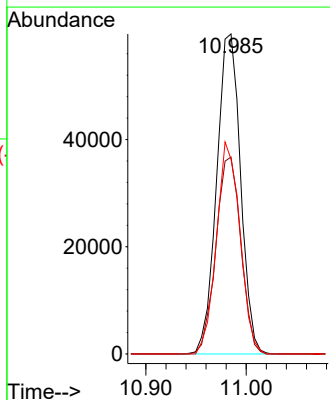
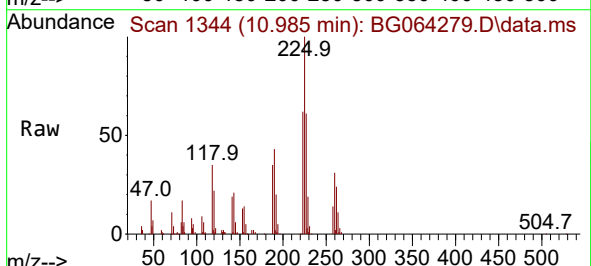
Reviewed By :Rahul Chavli 09/05/2025

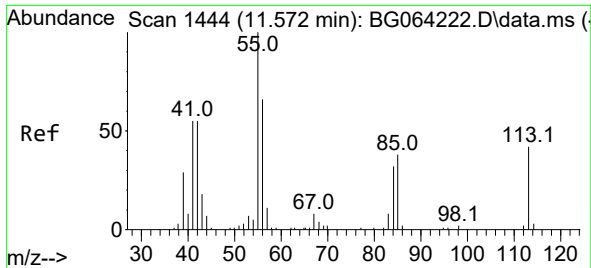
Supervised By :Jagrut Upadhyay 09/05/2025



#34  
Hexachlorobutadiene  
Concen: 44.572 ng  
RT: 10.985 min Scan# 1344  
Delta R.T. -0.006 min  
Lab File: BG064279.D  
Acq: 4 Sep 2025 11:40

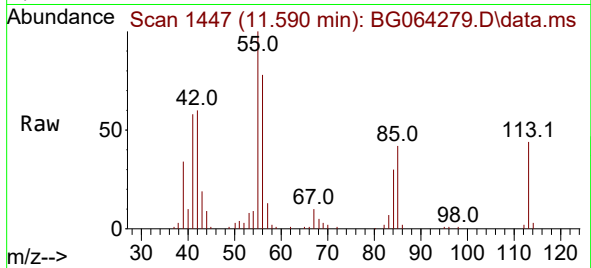
Tgt Ion:225 Resp: 98828  
Ion Ratio Lower Upper  
225 100  
223 61.6 46.5 69.7  
227 60.8 44.1 66.1





#35  
 Caprolactam  
 Concen: 38.363 ng  
 RT: 11.590 min Scan# 1444  
 Delta R.T. -0.012 min  
 Lab File: BG064279.D  
 Acq: 4 Sep 2025 11:40

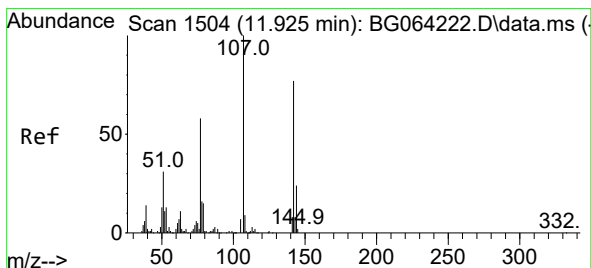
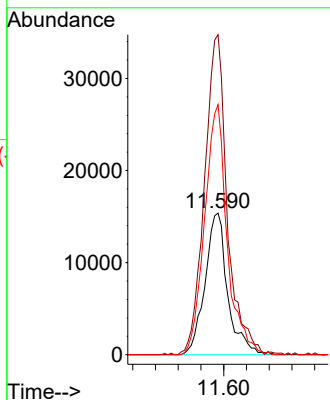
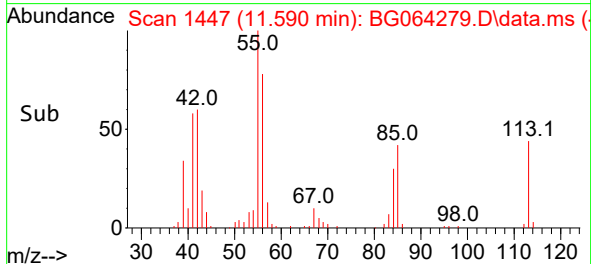
Instrument :  
 BNA\_G  
 ClientSampleId :  
 SSTDCCC040



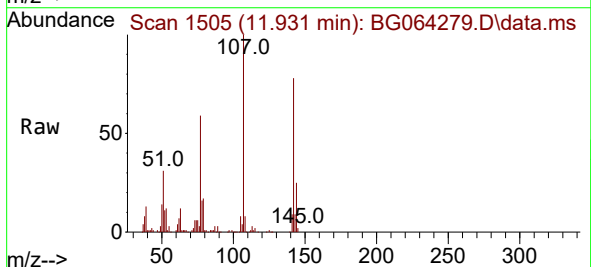
Tgt Ion:113 Resp: 42258  
 Ion Ratio Lower Upper  
 113 100  
 55 225.9 218.5 258.5  
 56 176.6 138.5 178.5

Manual Integrations  
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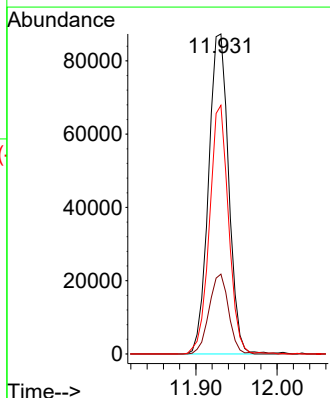
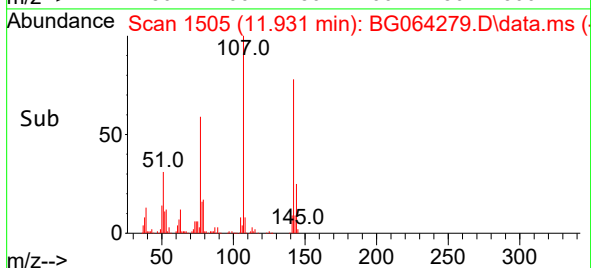
Reviewed By :Rahul Chavli 09/05/2025  
 Supervised By :Jagrut Upadhyay 09/05/2025

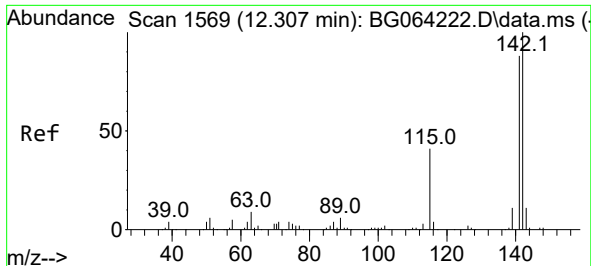


#36  
 4-Chloro-3-methylphenol  
 Concen: 40.717 ng  
 RT: 11.931 min Scan# 1505  
 Delta R.T. -0.000 min  
 Lab File: BG064279.D  
 Acq: 4 Sep 2025 11:40



Tgt Ion:107 Resp: 150290  
 Ion Ratio Lower Upper  
 107 100  
 144 24.9 19.5 29.3  
 142 77.7 62.0 93.0





#37  
2-Methylnaphthalene  
Concen: 41.461 ng  
RT: 12.301 min Scan# 1569  
Delta R.T. -0.006 min  
Lab File: BG064279.D  
Acq: 4 Sep 2025 11:40

Instrument :

BNA\_G

ClientSampleId :

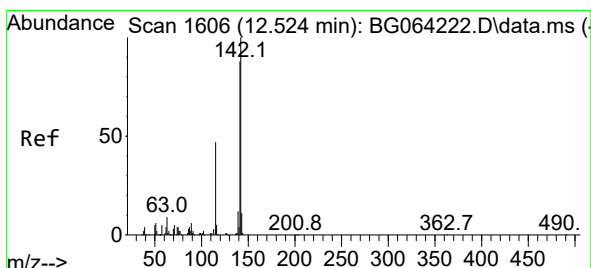
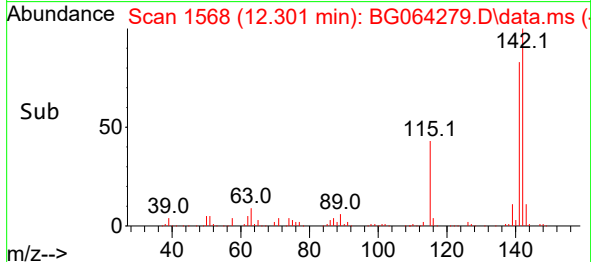
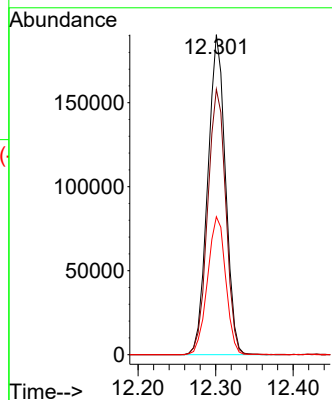
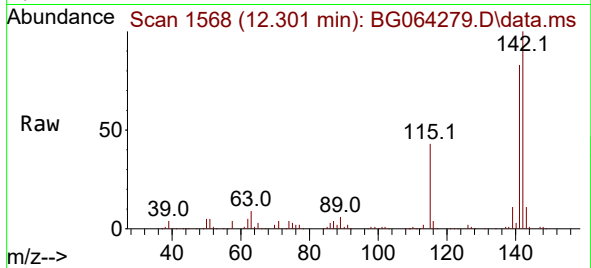
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Tgt Ion:142 Resp: 30317  
Ion Ratio Lower Upper  
142 100  
141 82.9 70.1 105.1  
115 43.1 33.1 49.7

Manual Integrations

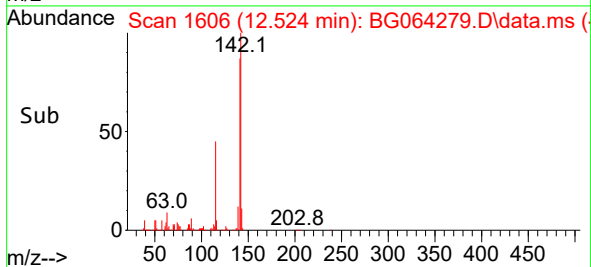
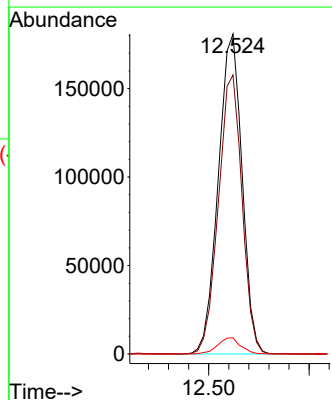
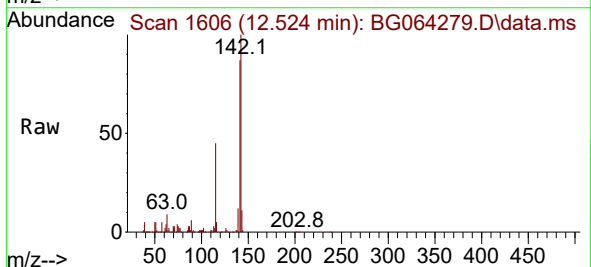
APPROVED

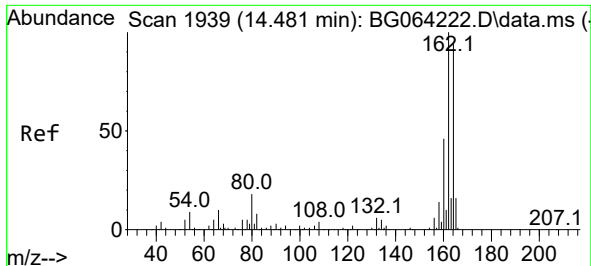
Reviewed By :Rahul Chavli 09/05/2025  
Supervised By :Jagrut Upadhyay 09/05/2025



#38  
1-Methylnaphthalene  
Concen: 41.189 ng  
RT: 12.524 min Scan# 1606  
Delta R.T. -0.000 min  
Lab File: BG064279.D  
Acq: 4 Sep 2025 11:40

Tgt Ion:142 Resp: 297489  
Ion Ratio Lower Upper  
142 100  
141 87.2 70.3 105.5  
116 5.0 3.7 5.5





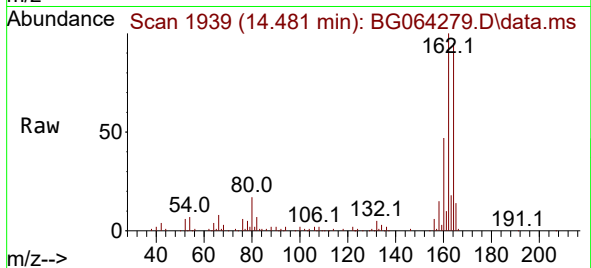
#39  
Acenaphthene-d10  
Concen: 20.000 ng  
RT: 14.481 min Scan# 1939  
Delta R.T. -0.000 min  
Lab File: BG064279.D  
Acq: 4 Sep 2025 11:40

Instrument :

BNA\_G

ClientSampleId :

SSTDCCC040

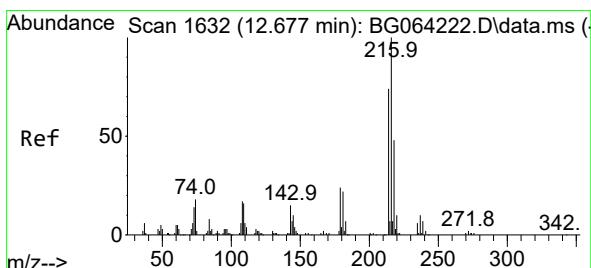
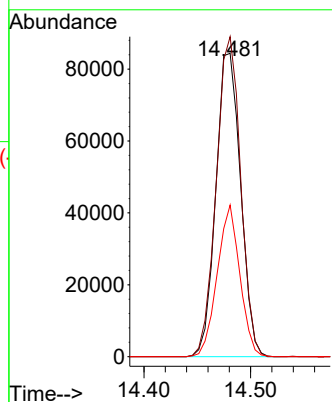
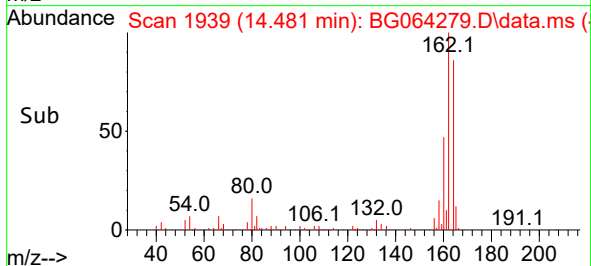


Tgt Ion:164 Resp: 136025  
Ion Ratio Lower Upper  
164 100  
162 105.5 85.4 128.0  
160 50.0 39.2 58.8

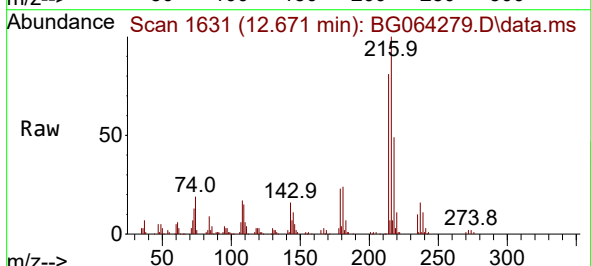
Manual Integrations

APPROVED

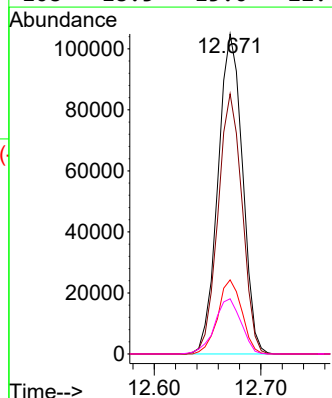
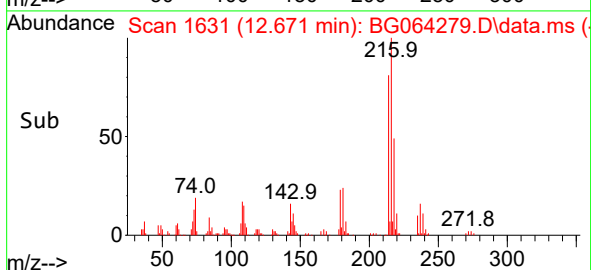
Reviewed By :Rahul Chavli 09/05/2025  
Supervised By :Jagrut Upadhyay 09/05/2025

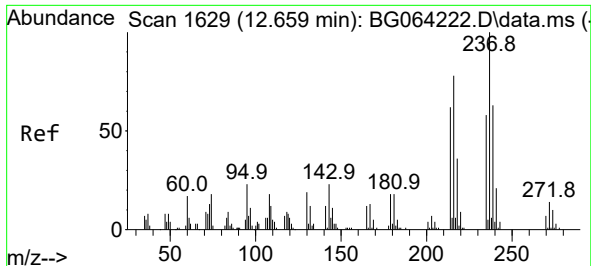


#40  
1,2,4,5-Tetrachlorobenzene  
Concen: 42.680 ng  
RT: 12.671 min Scan# 1631  
Delta R.T. -0.006 min  
Lab File: BG064279.D  
Acq: 4 Sep 2025 11:40



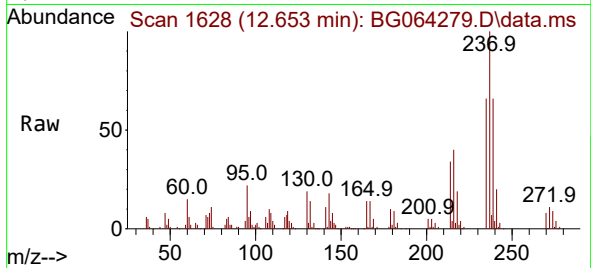
Tgt Ion:216 Resp: 167509  
Ion Ratio Lower Upper  
216 100  
214 79.6 61.9 92.9  
179 22.6 17.9 26.9  
108 18.5 15.0 22.4





#41  
Hexachlorocyclopentadiene  
Concen: 50.675 ng  
RT: 12.653 min Scan# 1628  
Delta R.T. -0.006 min  
Lab File: BG064279.D  
Acq: 4 Sep 2025 11:40

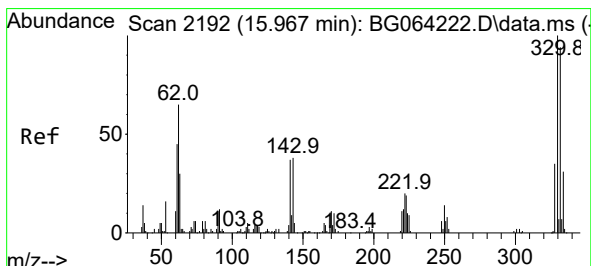
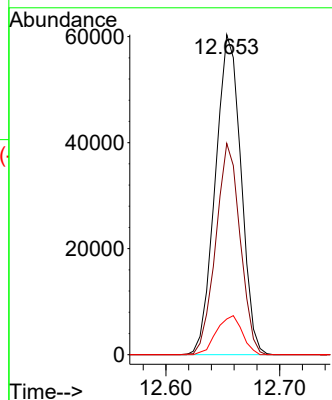
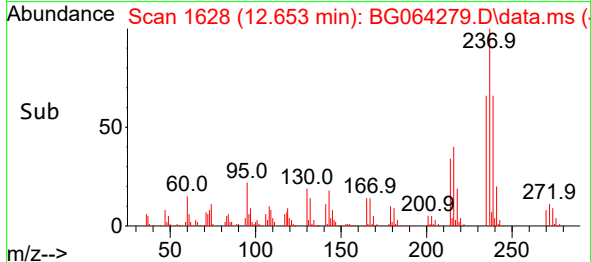
Instrument :  
BNA\_G  
ClientSampleId :  
SSTDCCC040



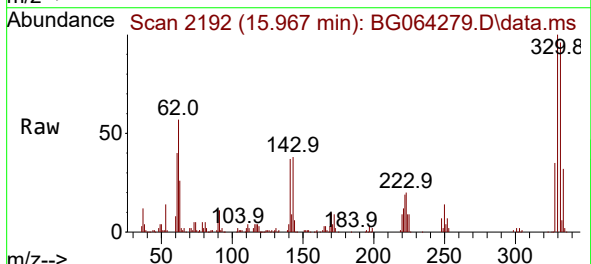
Tgt Ion:237 Resp: 94524  
Ion Ratio Lower Upper  
237 100  
235 66.0 37.9 77.9  
272 11.1 0.0 33.8

Manual Integrations  
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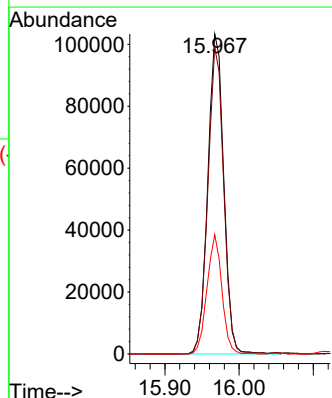
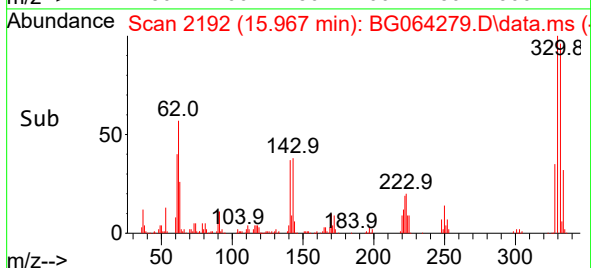
Reviewed By :Rahul Chavli 09/05/2025  
Supervised By :Jagrut Upadhyay 09/05/2025



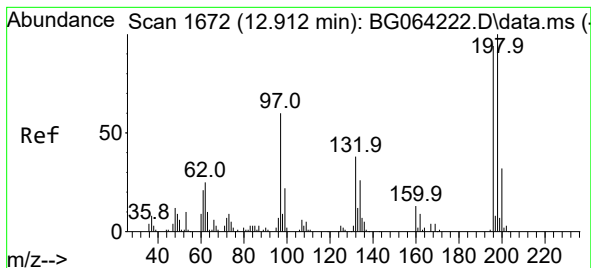
#42  
2,4,6-Tribromophenol  
Concen: 85.552 ng  
RT: 15.967 min Scan# 2192  
Delta R.T. -0.006 min  
Lab File: BG064279.D  
Acq: 4 Sep 2025 11:40



Tgt Ion:330 Resp: 154141  
Ion Ratio Lower Upper  
330 100  
332 95.1 77.6 116.4  
141 35.0 29.8 44.6







#43

2,4,6-Trichlorophenol

Concen: 41.820 ng

RT: 12.912 min Scan# 1

Delta R.T. -0.000 min

Lab File: BG064279.D

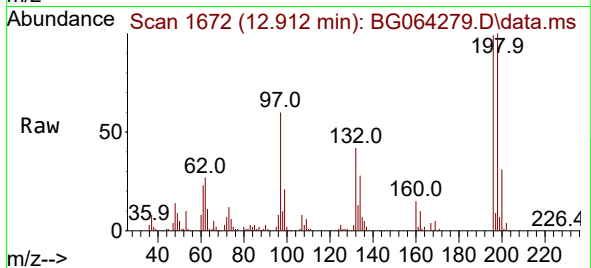
Acq: 4 Sep 2025 11:40

Instrument :

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ClientSampleId :

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Tgt Ion:196 Resp: 109704

Ion Ratio Lower Upper

196 100

198 100.8 85.4 128.2

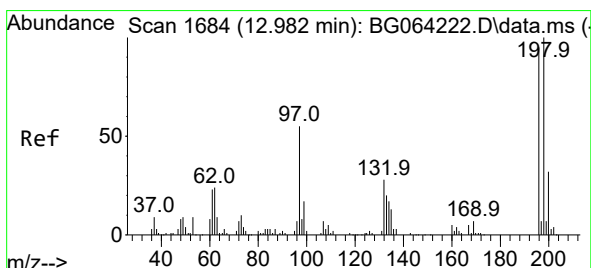
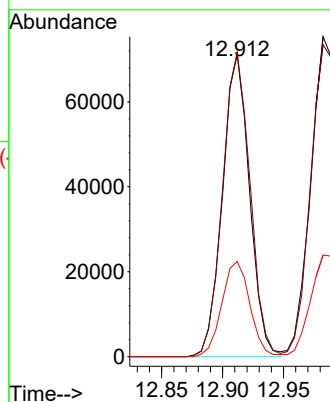
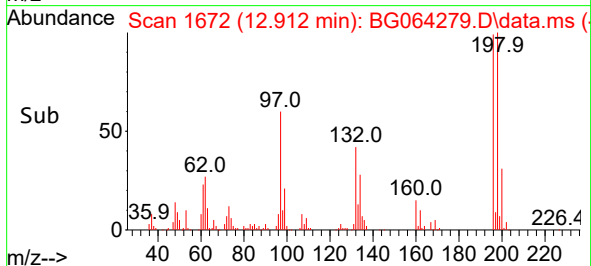
200 31.5 27.3 40.9

Manual Integrations

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Reviewed By :Rahul Chavli 09/05/2025

Supervised By :Jagrut Upadhyay 09/05/2025



#44

2,4,5-Trichlorophenol

Concen: 42.931 ng

RT: 12.982 min Scan# 1684

Delta R.T. -0.006 min

Lab File: BG064279.D

Acq: 4 Sep 2025 11:40

Tgt Ion:196 Resp: 122164

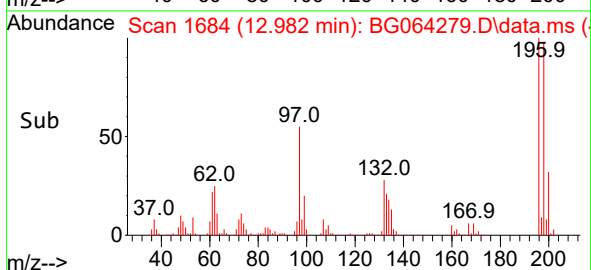
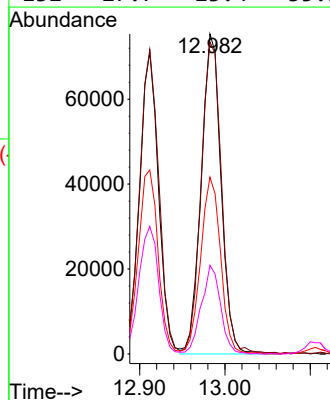
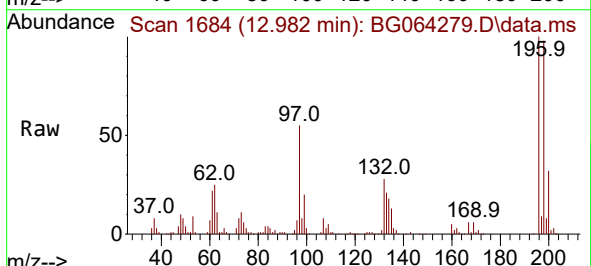
Ion Ratio Lower Upper

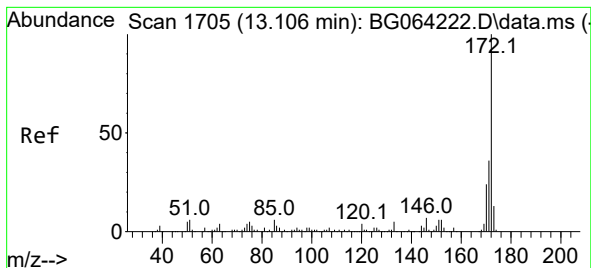
196 100

198 97.5 84.5 126.7

97 55.2 46.8 70.2

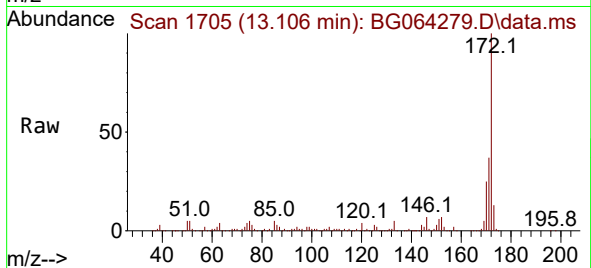
132 27.7 23.4 35.2





#45  
2-Fluorobiphenyl  
Concen: 82.286 ng  
RT: 13.106 min Scan# 1705  
Delta R.T. -0.006 min  
Lab File: BG064279.D  
Acq: 4 Sep 2025 11:40

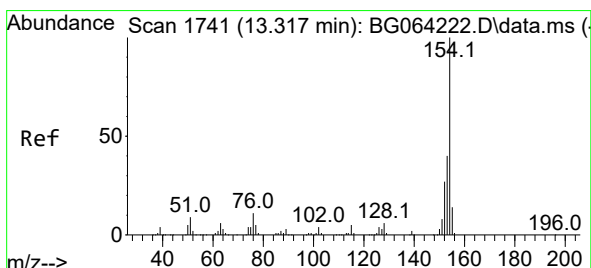
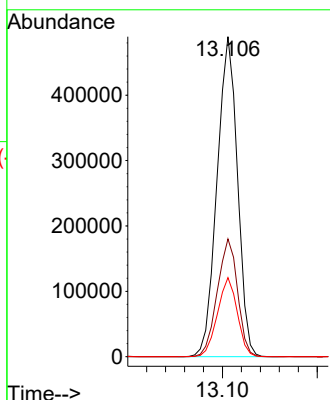
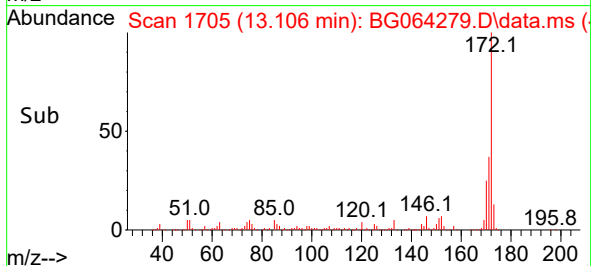
Instrument :  
BNA\_G  
ClientSampleId :  
SSTDCCC040



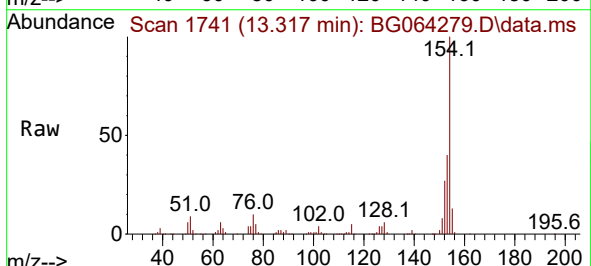
Tgt Ion:172 Resp: 733318  
Ion Ratio Lower Upper  
172 100  
171 36.8 28.7 43.1  
170 24.7 19.0 28.6

Manual Integrations  
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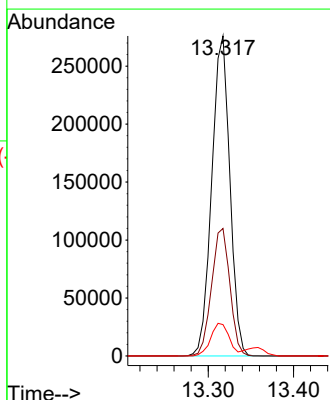
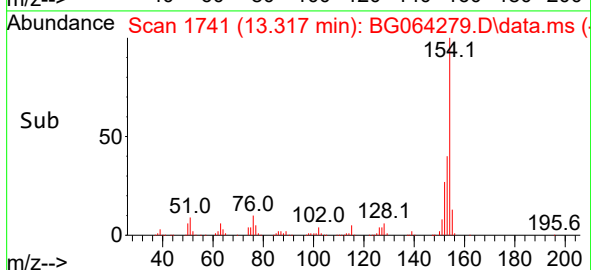
Reviewed By :Rahul Chavli 09/05/2025  
Supervised By :Jagrut Upadhyay 09/05/2025

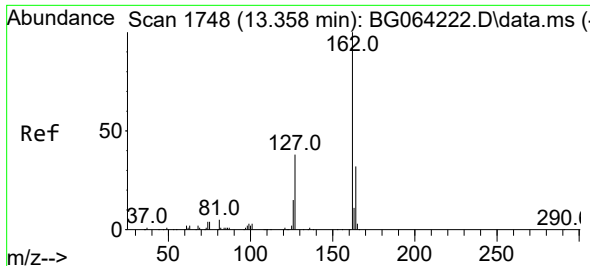


#46  
1,1'-Biphenyl  
Concen: 41.021 ng  
RT: 13.317 min Scan# 1741  
Delta R.T. -0.000 min  
Lab File: BG064279.D  
Acq: 4 Sep 2025 11:40



Tgt Ion:154 Resp: 406406  
Ion Ratio Lower Upper  
154 100  
153 39.8 19.9 59.9  
76 9.8 0.0 30.9





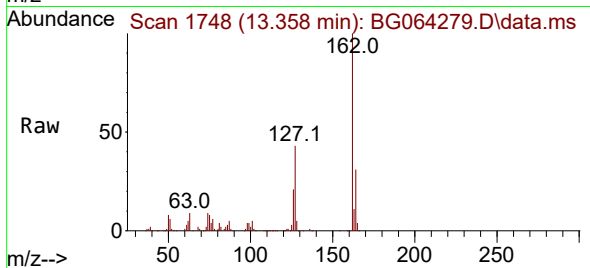
#47  
2-Chloronaphthalene  
Concen: 40.535 ng  
RT: 13.358 min Scan# 1748  
Delta R.T. -0.000 min  
Lab File: BG064279.D  
Acq: 4 Sep 2025 11:40

Instrument :

BNA\_G

ClientSampleId :

SSTDCCC040



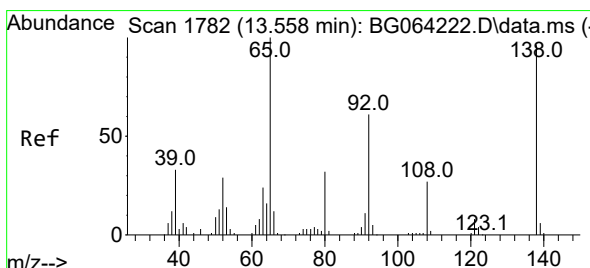
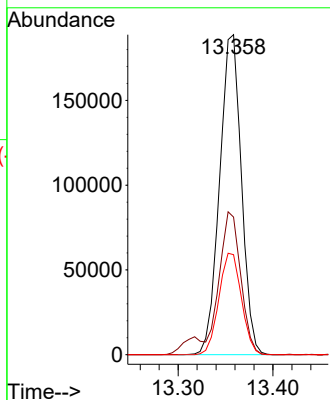
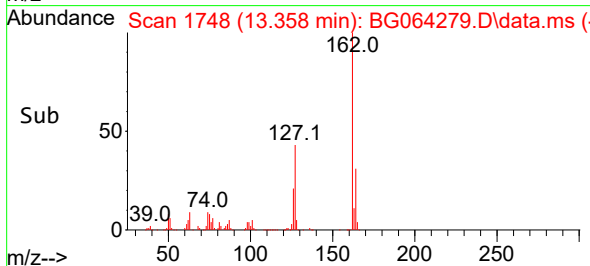
Tgt Ion:162 Resp: 301914  
Ion Ratio Lower Upper  
162 100  
127 43.0 33.9 50.9  
164 31.3 25.4 38.2

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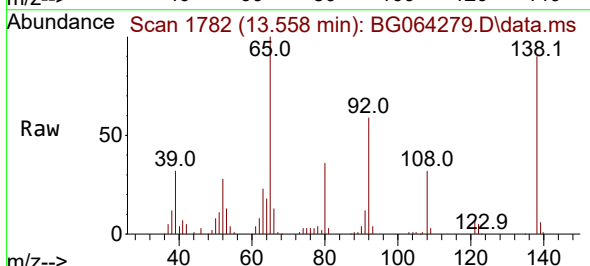
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Reviewed By :Rahul Chavli 09/05/2025

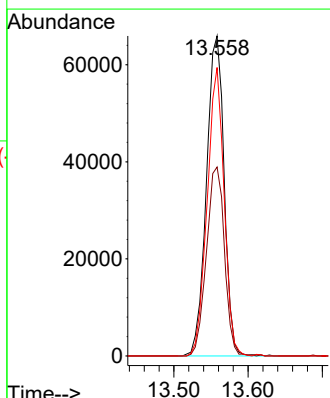
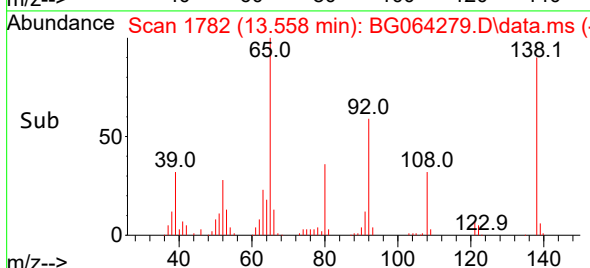
Supervised By :Jagrut Upadhyay 09/05/2025

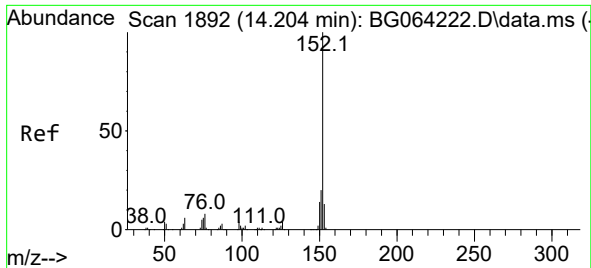


#48  
2-Nitroaniline  
Concen: 43.025 ng  
RT: 13.558 min Scan# 1782  
Delta R.T. -0.006 min  
Lab File: BG064279.D  
Acq: 4 Sep 2025 11:40



Tgt Ion: 65 Resp: 109225  
Ion Ratio Lower Upper  
65 100  
92 59.1 49.2 73.8  
138 90.1 76.8 115.2





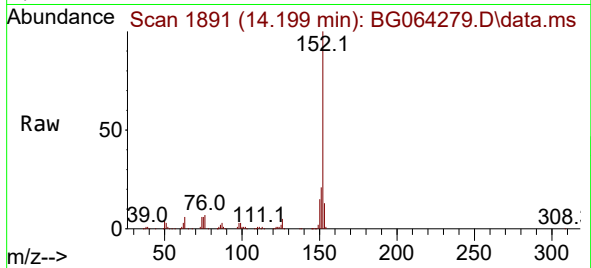
#49  
Acenaphthylene  
Concen: 40.790 ng  
RT: 14.199 min Scan# 1891  
Delta R.T. -0.006 min  
Lab File: BG064279.D  
Acq: 4 Sep 2025 11:40

Instrument :

BNA\_G

ClientSampleId :

SSTDCCC040

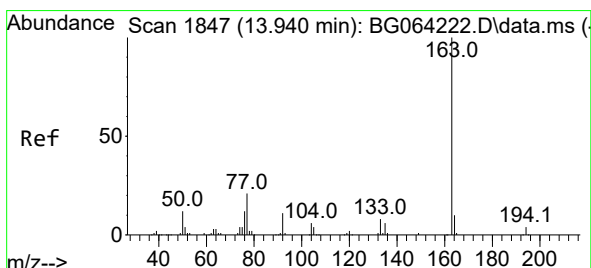
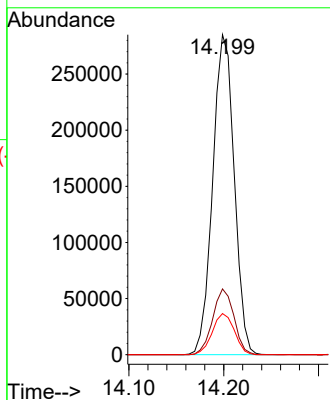
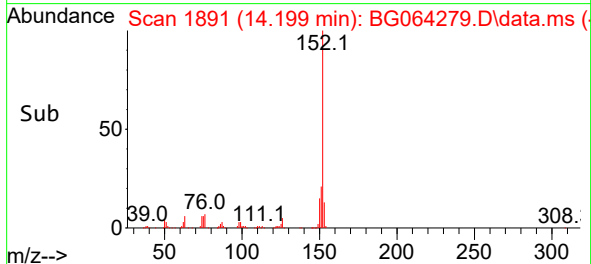


Tgt Ion:152 Resp: 449104  
Ion Ratio Lower Upper  
152 100  
151 20.5 16.2 24.2  
153 12.9 10.1 15.1

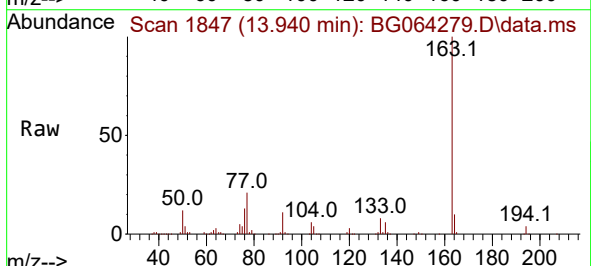
Manual Integrations

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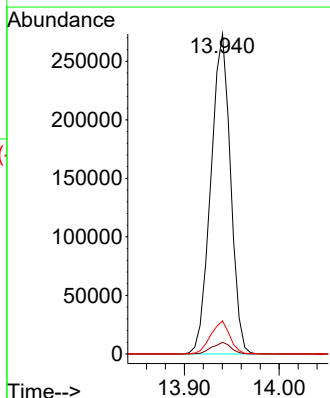
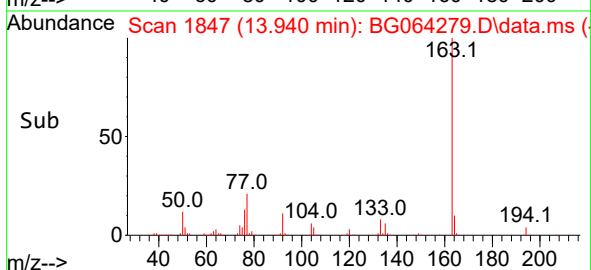
Reviewed By :Rahul Chavli 09/05/2025  
Supervised By :Jagrut Upadhyay 09/05/2025

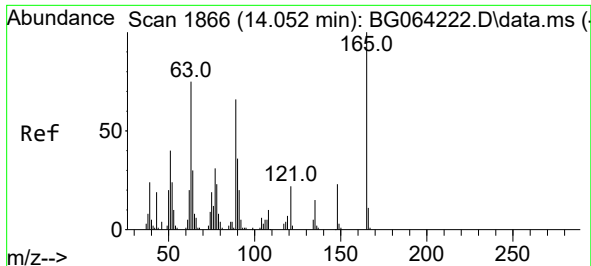


#50  
Dimethylphthalate  
Concen: 38.243 ng  
RT: 13.940 min Scan# 1847  
Delta R.T. -0.006 min  
Lab File: BG064279.D  
Acq: 4 Sep 2025 11:40



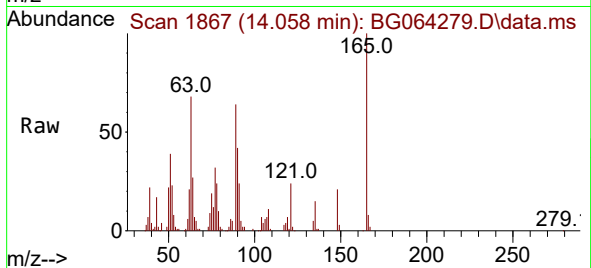
Tgt Ion:163 Resp: 393745  
Ion Ratio Lower Upper  
163 100  
194 3.7 3.0 4.4  
164 10.3 7.9 11.9





#51  
2,6-Dinitrotoluene  
Concen: 42.157 ng  
RT: 14.058 min Scan# 1866  
Delta R.T. -0.000 min  
Lab File: BG064279.D  
Acq: 4 Sep 2025 11:40

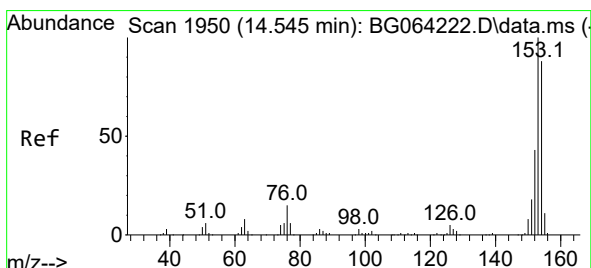
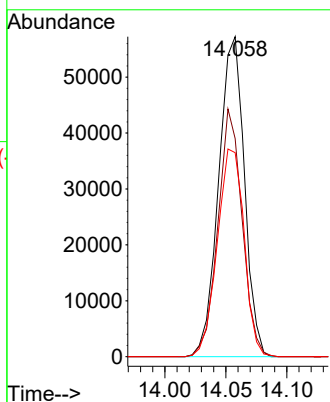
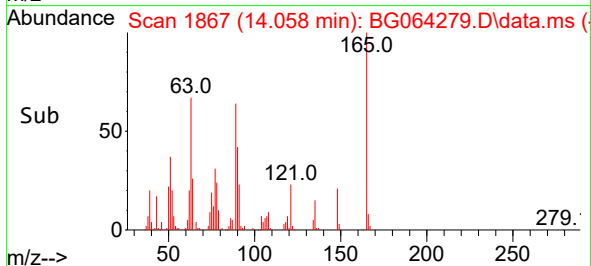
Instrument :  
BNA\_G  
ClientSampleId :  
SSTDCCC040



Tgt Ion:165 Resp: 84029  
Ion Ratio Lower Upper  
165 100  
63 68.1 60.3 90.5  
89 63.7 52.9 79.3

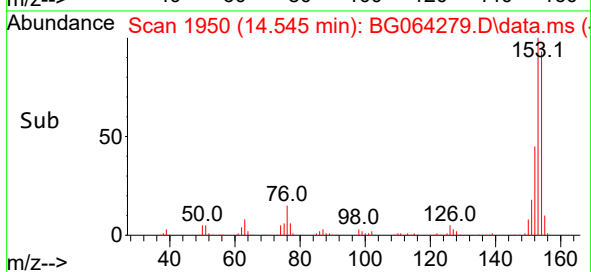
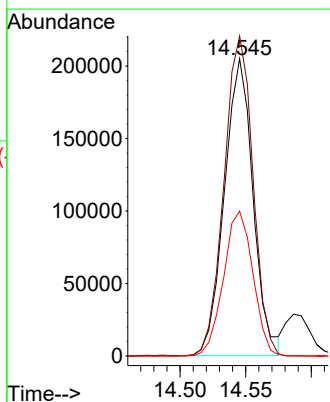
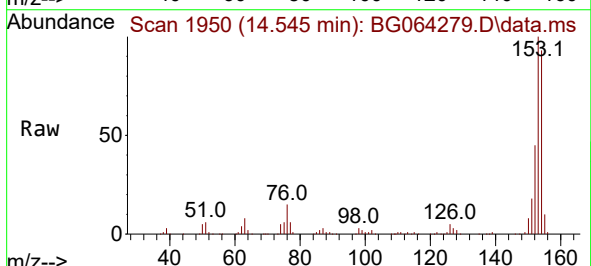
Manual Integrations  
APPROVED

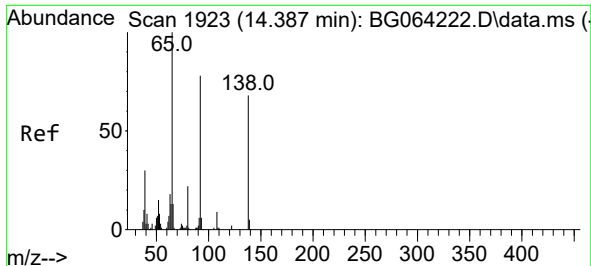
Reviewed By :Rahul Chavli 09/05/2025  
Supervised By :Jagrut Upadhyay 09/05/2025



#52  
Acenaphthene  
Concen: 40.160 ng  
RT: 14.545 min Scan# 1950  
Delta R.T. -0.006 min  
Lab File: BG064279.D  
Acq: 4 Sep 2025 11:40

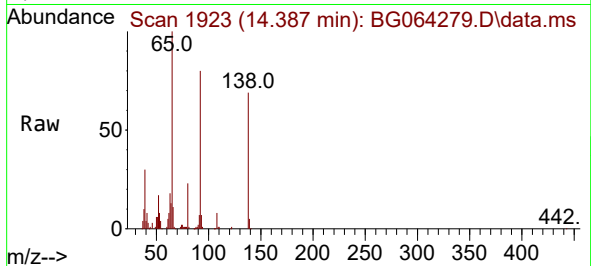
Tgt Ion:154 Resp: 312041  
Ion Ratio Lower Upper  
154 100  
153 107.7 91.1 136.7  
152 48.7 39.6 59.4





#53  
3-Nitroaniline  
Concen: 39.119 ng  
RT: 14.387 min Scan# 1923  
Delta R.T. -0.000 min  
Lab File: BG064279.D  
Acq: 4 Sep 2025 11:40

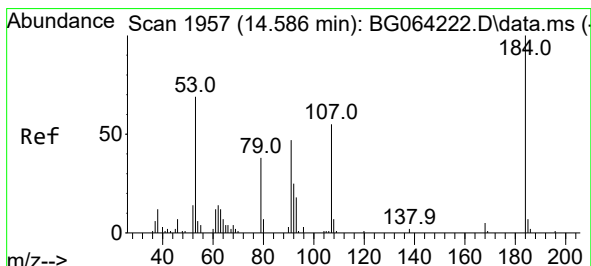
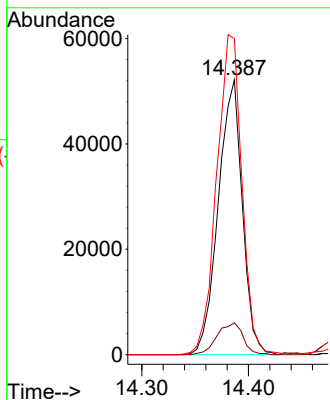
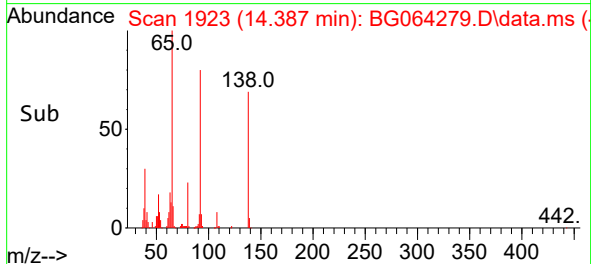
Instrument :  
BNA\_G  
ClientSampleId :  
SSTDCCC040



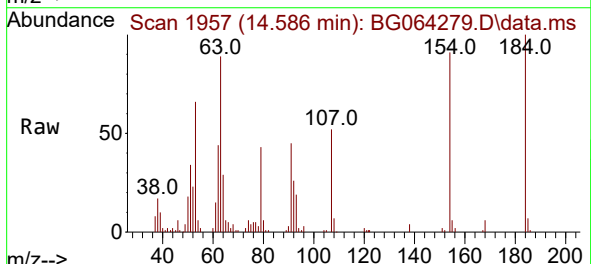
Tgt Ion:138 Resp: 8167  
Ion Ratio Lower Upper  
138 100  
108 11.6 11.0 16.6  
92 115.0 91.4 137.0

Manual Integrations  
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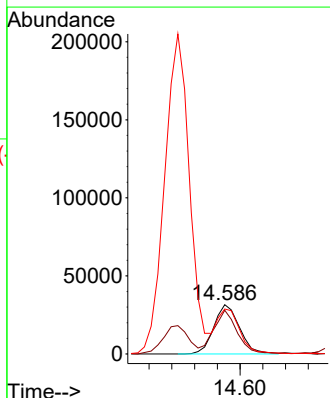
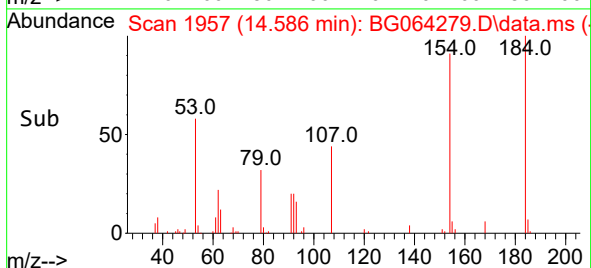
Reviewed By :Rahul Chavli 09/05/2025  
Supervised By :Jagrut Upadhyay 09/05/2025

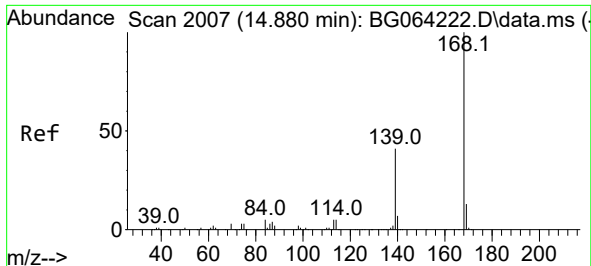


#54  
2,4-Dinitrophenol  
Concen: 40.920 ng  
RT: 14.586 min Scan# 1957  
Delta R.T. -0.006 min  
Lab File: BG064279.D  
Acq: 4 Sep 2025 11:40



Tgt Ion:184 Resp: 49421  
Ion Ratio Lower Upper  
184 100  
63 88.6 60.1 90.1  
154 91.2 59.8 89.8#





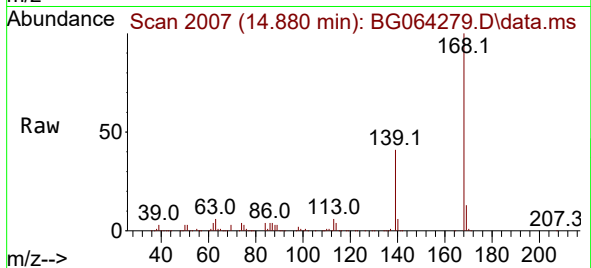
#55  
Dibenzofuran  
Concen: 39.536 ng  
RT: 14.880 min Scan# 2007  
Delta R.T. -0.000 min  
Lab File: BG064279.D  
Acq: 4 Sep 2025 11:40

Instrument :

BNA\_G

ClientSampleId :

SSTDCCC040

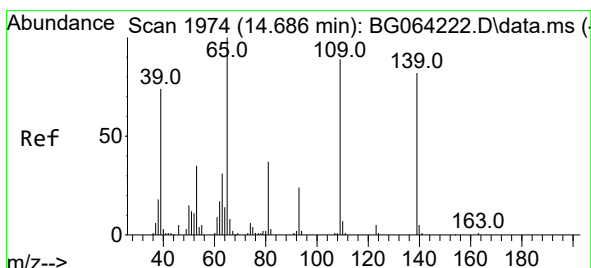
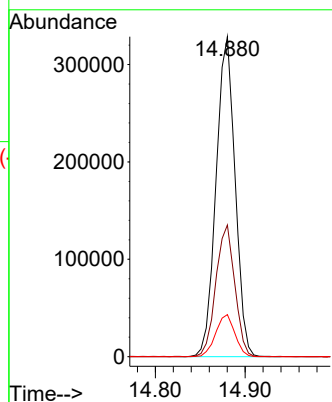
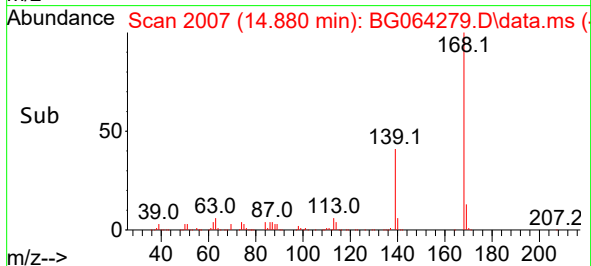


Tgt Ion:168 Resp: 48319  
Ion Ratio Lower Upper  
168 100  
139 41.2 33.2 49.8  
169 13.2 10.4 15.6

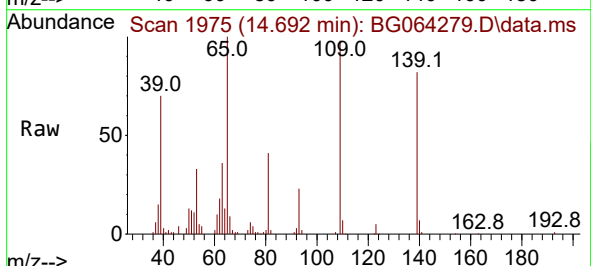
Manual Integrations

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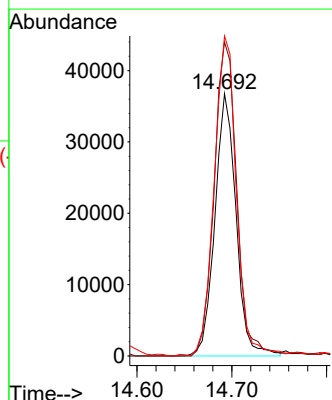
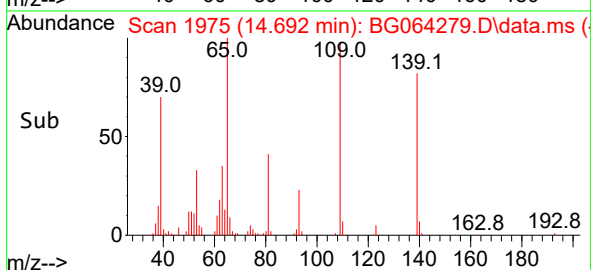
Reviewed By :Rahul Chavli 09/05/2025  
Supervised By :Jagrut Upadhyay 09/05/2025

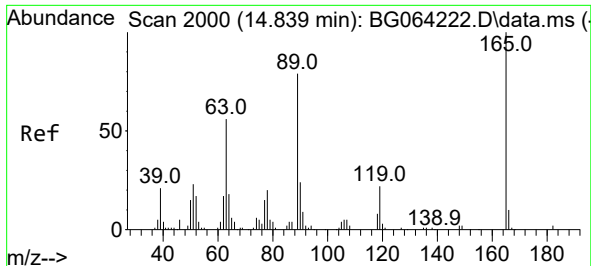


#56  
4-Nitrophenol  
Concen: 33.404 ng  
RT: 14.692 min Scan# 1975  
Delta R.T. -0.006 min  
Lab File: BG064279.D  
Acq: 4 Sep 2025 11:40



Tgt Ion:139 Resp: 57211  
Ion Ratio Lower Upper  
139 100  
109 119.7 89.1 129.1  
65 122.1 102.9 142.9





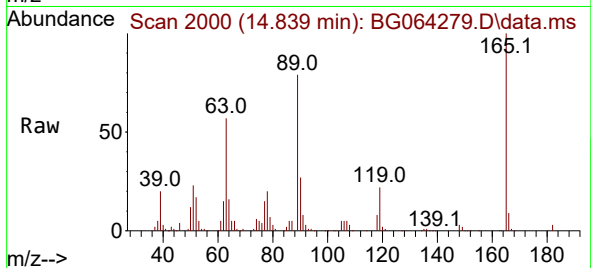
#57  
2,4-Dinitrotoluene  
Concen: 40.454 ng  
RT: 14.839 min Scan# 2000  
Delta R.T. -0.006 min  
Lab File: BG064279.D  
Acq: 4 Sep 2025 11:40

Instrument :

BNA\_G

ClientSampleId :

SSTDCCC040

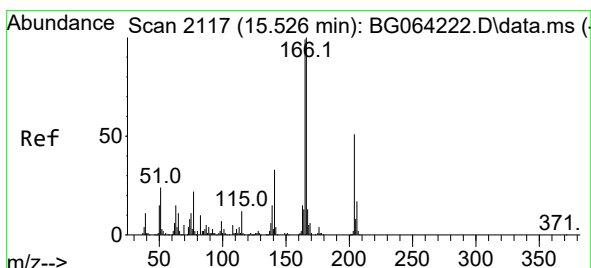
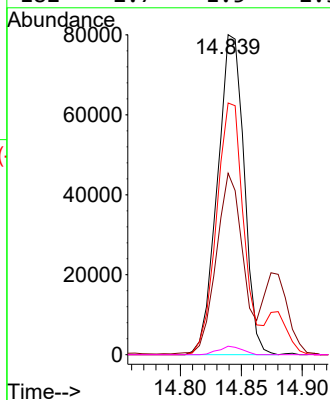
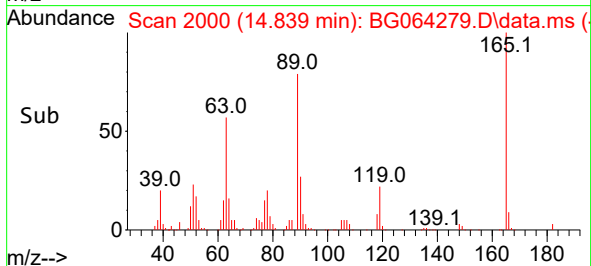


Tgt Ion:165 Resp: 12192  
Ion Ratio Lower Upper  
165 100  
63 56.7 44.6 67.0  
89 78.7 63.0 94.4  
182 2.7 1.5 2.3#

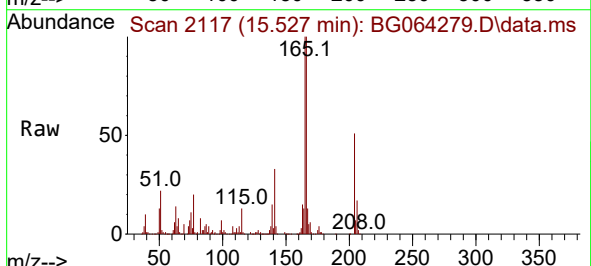
Manual Integrations

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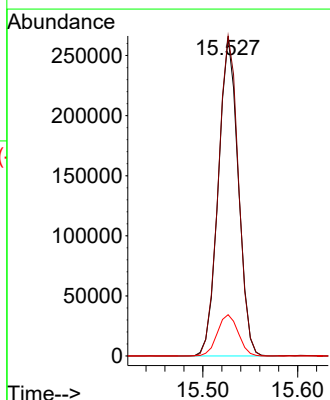
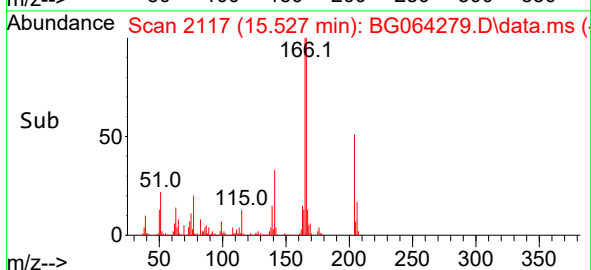
Reviewed By :Rahul Chavli 09/05/2025  
Supervised By :Jagrut Upadhyay 09/05/2025



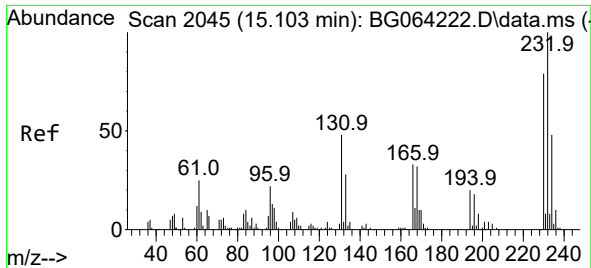
#58  
Fluorene  
Concen: 38.614 ng  
RT: 15.527 min Scan# 2117  
Delta R.T. -0.006 min  
Lab File: BG064279.D  
Acq: 4 Sep 2025 11:40



Tgt Ion:166 Resp: 386802  
Ion Ratio Lower Upper  
166 100  
165 100.5 79.1 118.7  
167 12.9 10.2 15.4

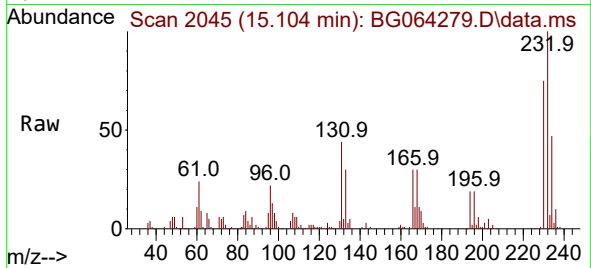






#59  
2,3,4,6-Tetrachlorophenol  
Concen: 40.624 ng  
RT: 15.104 min Scan# 2045  
Delta R.T. -0.006 min  
Lab File: BG064279.D  
Acq: 4 Sep 2025 11:40

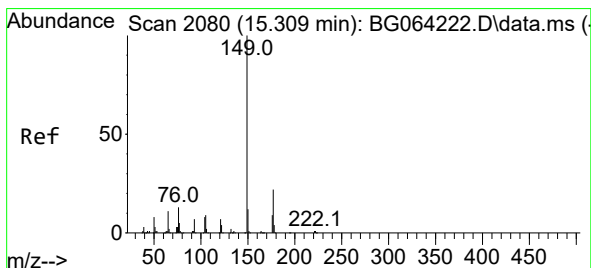
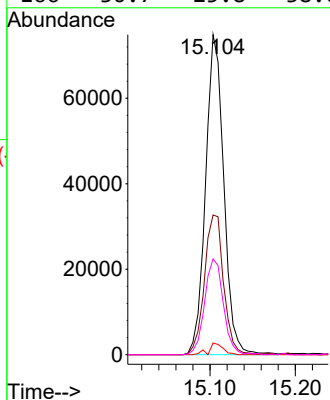
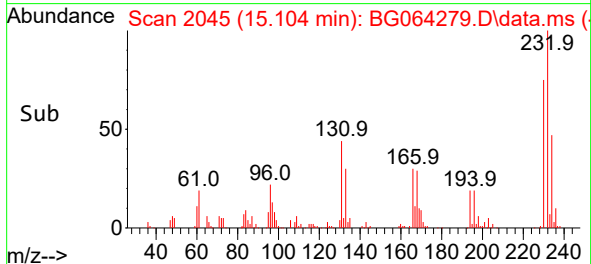
Instrument :  
BNA\_G  
ClientSampleId :  
SSTDCCC040



Tgt Ion:232 Resp: 11118  
Ion Ratio Lower Upper  
232 100  
131 45.9 37.1 55.7  
130 2.8 2.6 3.8  
166 30.7 25.8 38.6

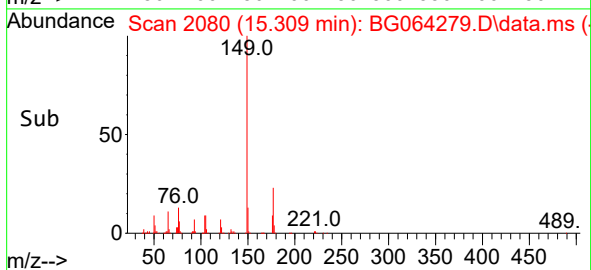
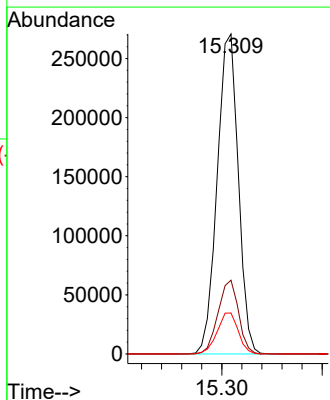
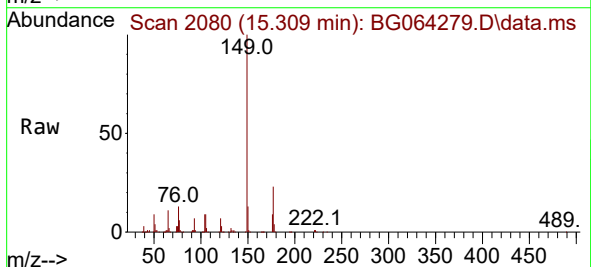
Manual Integrations  
APPROVED

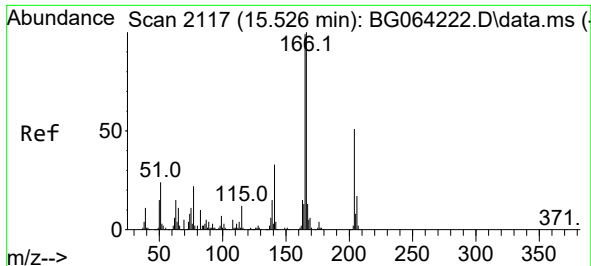
Reviewed By :Rahul Chavli 09/05/2025  
Supervised By :Jagrut Upadhyay 09/05/2025



#60  
Diethylphthalate  
Concen: 35.823 ng  
RT: 15.309 min Scan# 2080  
Delta R.T. -0.006 min  
Lab File: BG064279.D  
Acq: 4 Sep 2025 11:40

Tgt Ion:149 Resp: 394730  
Ion Ratio Lower Upper  
149 100  
177 23.0 17.5 26.3  
150 12.8 9.9 14.9





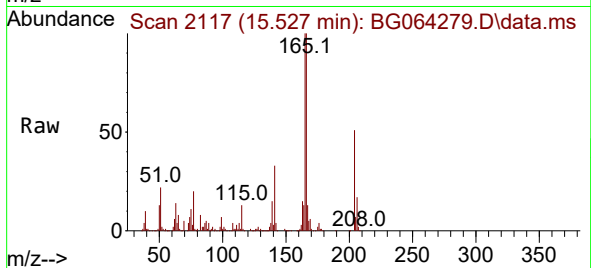
#61  
4-Chlorophenyl-phenylether  
Concen: 40.449 ng  
RT: 15.527 min Scan# 2117  
Delta R.T. -0.000 min  
Lab File: BG064279.D  
Acq: 4 Sep 2025 11:40

Instrument :

BNA\_G

ClientSampleId :

SSTDCCC040



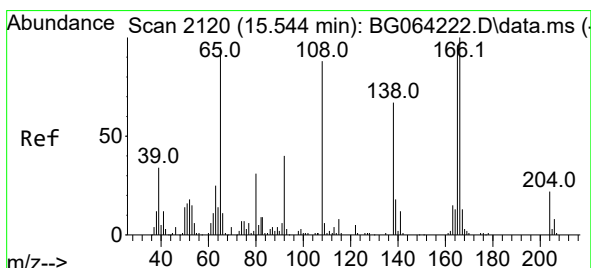
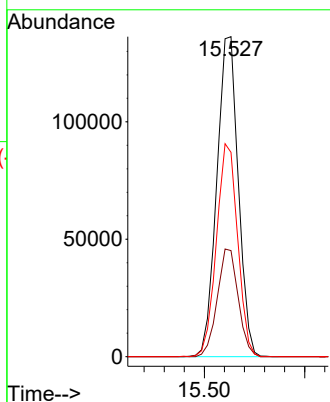
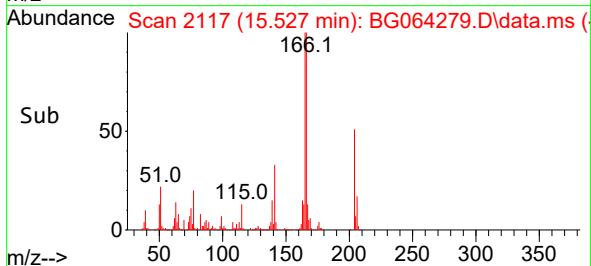
Tgt Ion:204 Resp: 202019  
Ion Ratio Lower Upper  
204 100  
206 33.2 26.2 39.4  
141 63.8 51.9 77.9

Manual Integrations

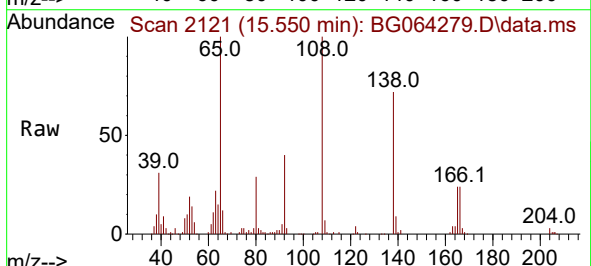
APPROVED

Reviewed By :Rahul Chavli 09/05/2025

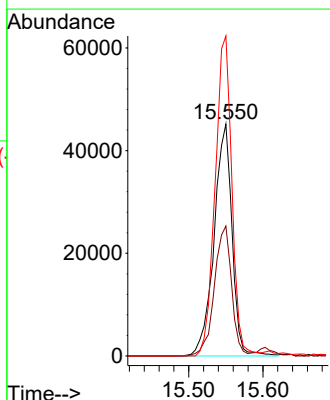
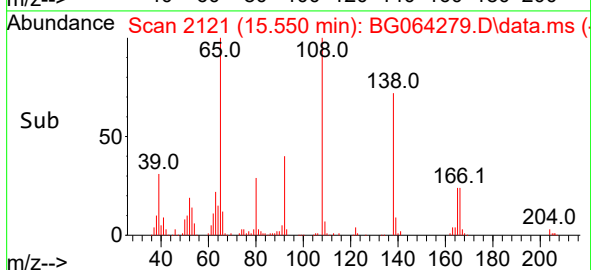
Supervised By :Jagrut Upadhyay 09/05/2025

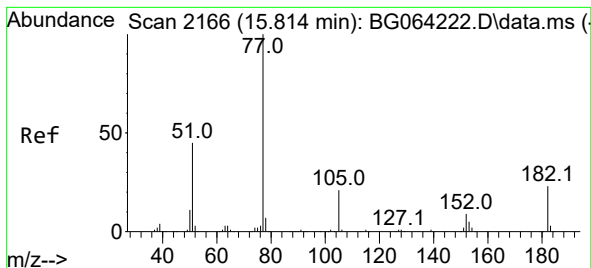


#62  
4-Nitroaniline  
Concen: 35.779 ng  
RT: 15.550 min Scan# 2121  
Delta R.T. -0.006 min  
Lab File: BG064279.D  
Acq: 4 Sep 2025 11:40



Tgt Ion:138 Resp: 76228  
Ion Ratio Lower Upper  
138 100  
92 56.0 39.1 79.1  
108 138.0 111.3 151.3





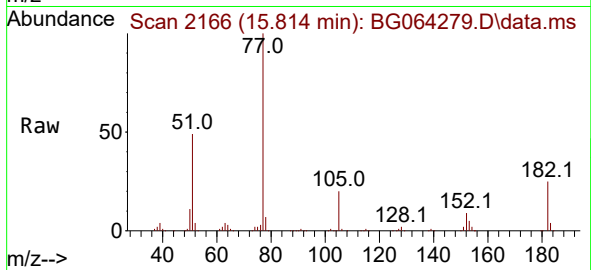
#63  
Azobenzene  
Concen: 37.331 ng  
RT: 15.814 min Scan# 2166  
Delta R.T. -0.006 min  
Lab File: BG064279.D  
Acq: 4 Sep 2025 11:40

Instrument :

BNA\_G

ClientSampleId :

SSTDCCC040

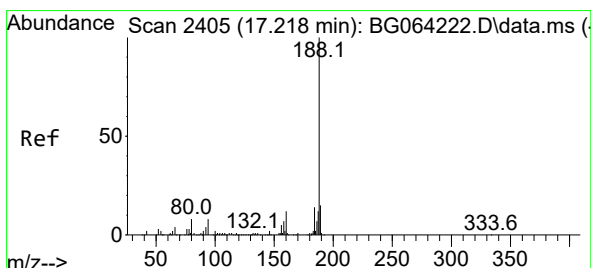
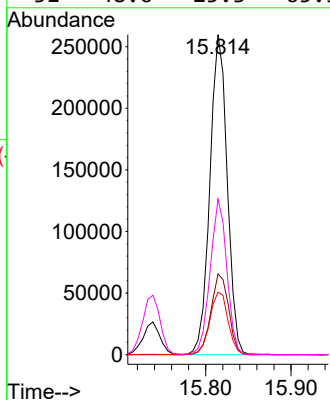
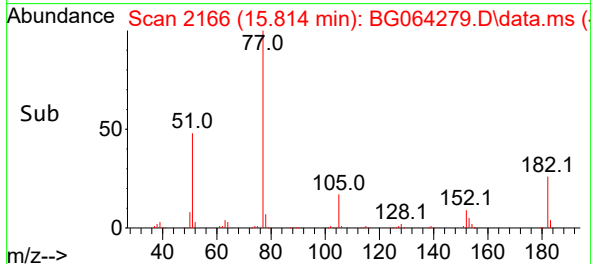


Tgt Ion: 77 Resp: 366620  
Ion Ratio Lower Upper  
77 100  
182 25.2 3.3 43.3  
105 19.6 0.6 40.6  
51 48.6 25.3 65.3

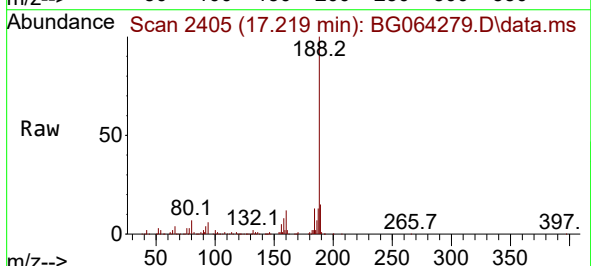
Manual Integrations

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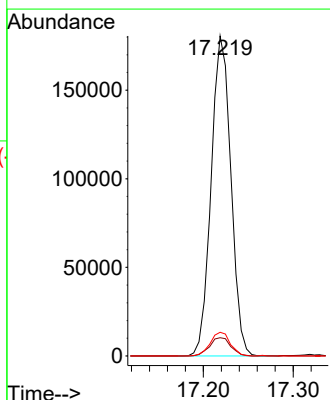
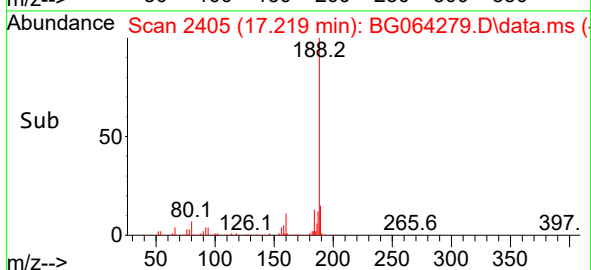
Reviewed By :Rahul Chavli 09/05/2025  
Supervised By :Jagrut Upadhyay 09/05/2025

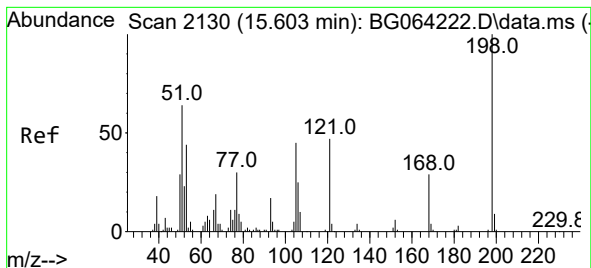


#64  
Phenanthrene-d10  
Concen: 20.000 ng  
RT: 17.219 min Scan# 2405  
Delta R.T. -0.006 min  
Lab File: BG064279.D  
Acq: 4 Sep 2025 11:40



Tgt Ion:188 Resp: 275744  
Ion Ratio Lower Upper  
188 100  
94 5.7 6.2 9.4#  
80 7.4 6.8 10.2





#65  
4,6-Dinitro-2-methylphenol  
Concen: 47.011 ng  
RT: 15.609 min Scan# 2130  
Delta R.T. -0.000 min  
Lab File: BG064279.D  
Acq: 4 Sep 2025 11:40

Instrument :

BNA\_G

ClientSampleId :

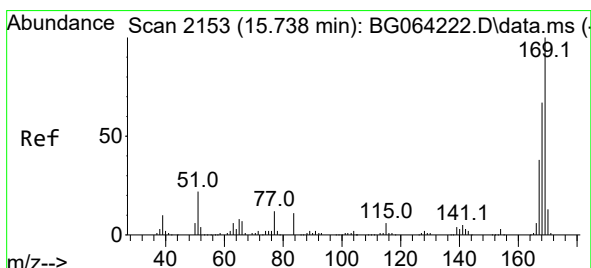
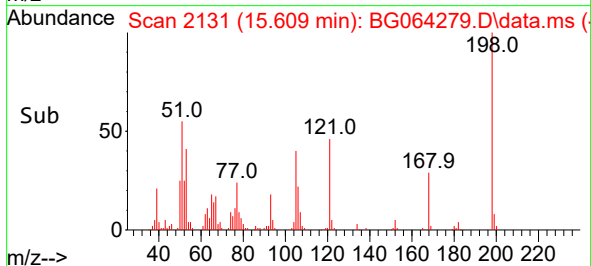
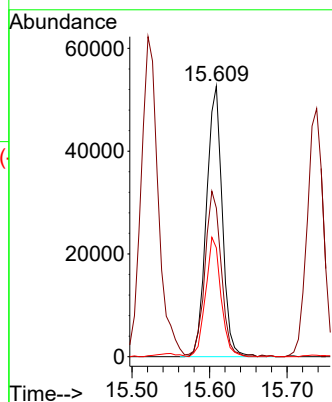
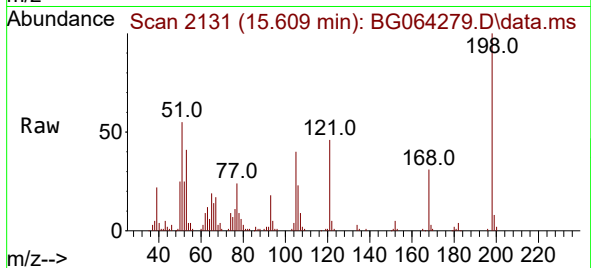
SSTDCCC040

Tgt Ion:198 Resp: 74424  
Ion Ratio Lower Upper  
198 100  
51 55.0 46.2 86.2  
105 40.2 25.0 65.0

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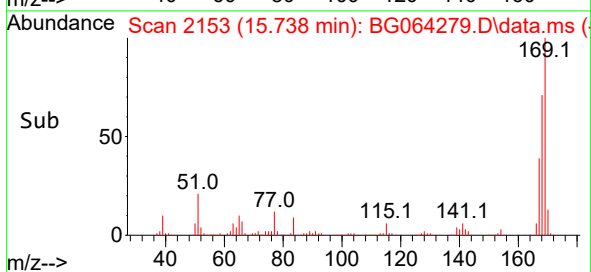
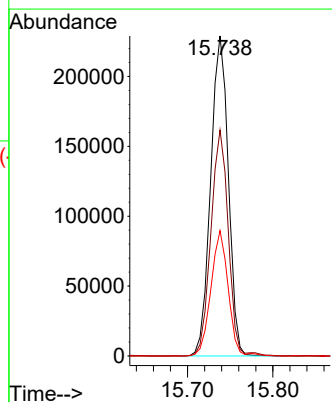
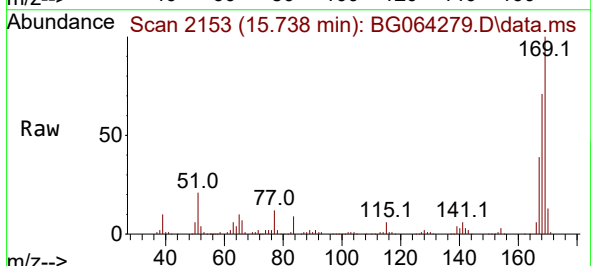
APPROVED

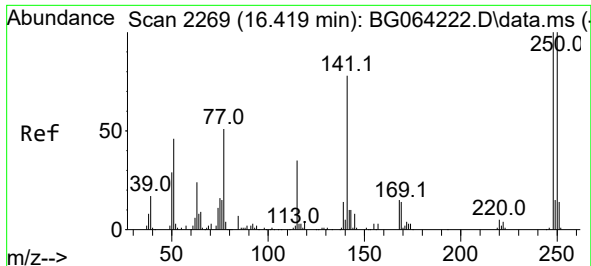
Reviewed By :Rahul Chavli 09/05/2025  
Supervised By :Jagrut Upadhyay 09/05/2025



#66  
n-Nitrosodiphenylamine  
Concen: 43.370 ng  
RT: 15.738 min Scan# 2153  
Delta R.T. -0.006 min  
Lab File: BG064279.D  
Acq: 4 Sep 2025 11:40

Tgt Ion:169 Resp: 328984  
Ion Ratio Lower Upper  
169 100  
168 70.6 53.8 80.8  
167 39.2 30.2 45.2





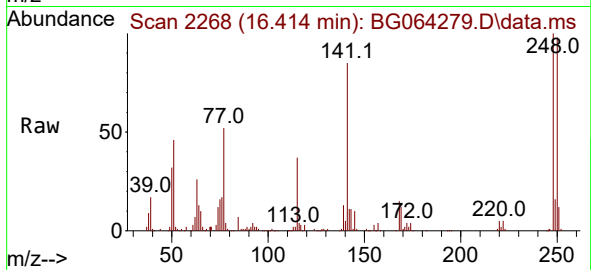
#67  
4-Bromophenyl-phenylether  
Concen: 46.718 ng  
RT: 16.414 min Scan# 21  
Delta R.T. -0.006 min  
Lab File: BG064279.D  
Acq: 4 Sep 2025 11:40

Instrument :

BNA\_G

ClientSampleId :

SSTDCCC040

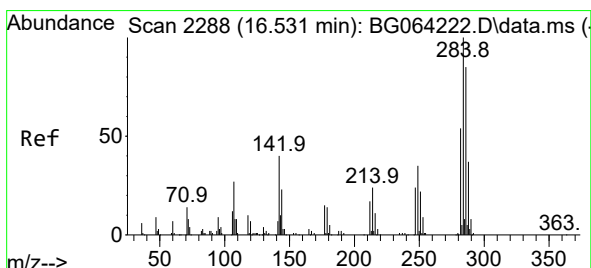
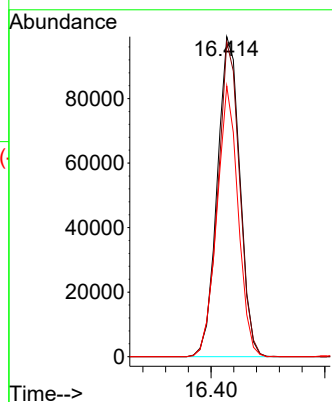
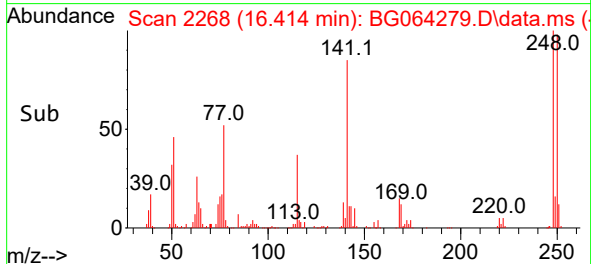


Tgt Ion:248 Resp: 136824  
Ion Ratio Lower Upper  
248 100  
250 98.4 80.2 120.4  
141 84.6 62.4 93.6

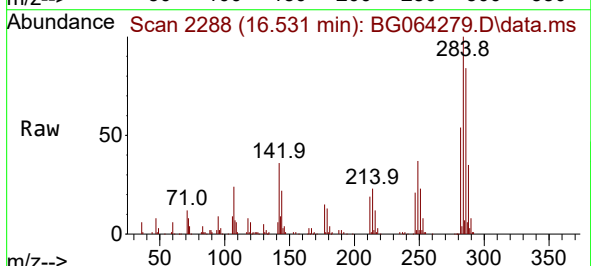
Manual Integrations

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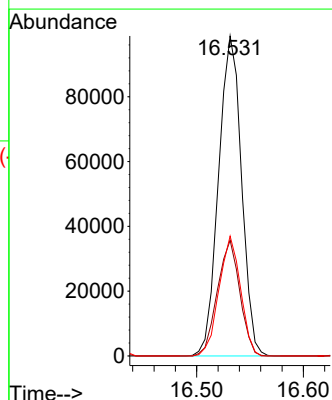
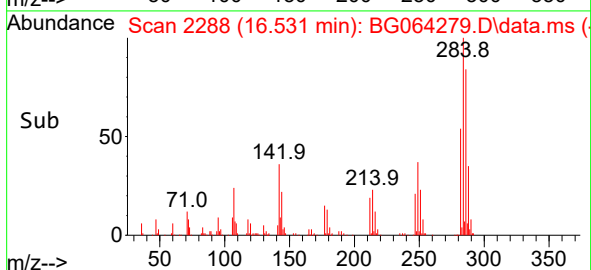
Reviewed By :Rahul Chavli 09/05/2025  
Supervised By :Jagrut Upadhyay 09/05/2025

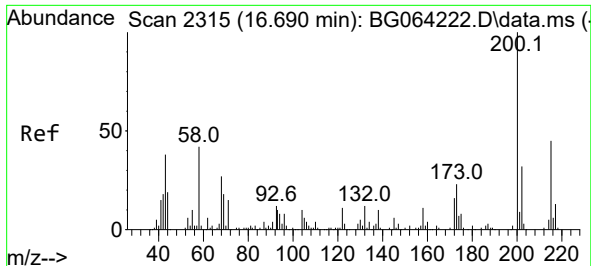


#68  
Hexachlorobenzene  
Concen: 45.298 ng  
RT: 16.531 min Scan# 2288  
Delta R.T. -0.006 min  
Lab File: BG064279.D  
Acq: 4 Sep 2025 11:40



Tgt Ion:284 Resp: 147324  
Ion Ratio Lower Upper  
284 100  
142 36.2 32.1 48.1  
249 37.5 28.3 42.5





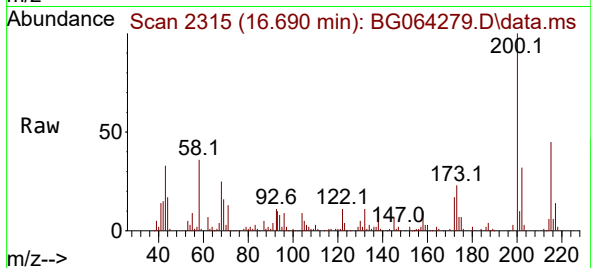
#69  
 Atrazine  
 Concen: 35.254 ng  
 RT: 16.690 min Scan# 211  
 Delta R.T. -0.006 min  
 Lab File: BG064279.D  
 Acq: 4 Sep 2025 11:40

Instrument :

BNA\_G

ClientSampleId :

SSTDCCC040

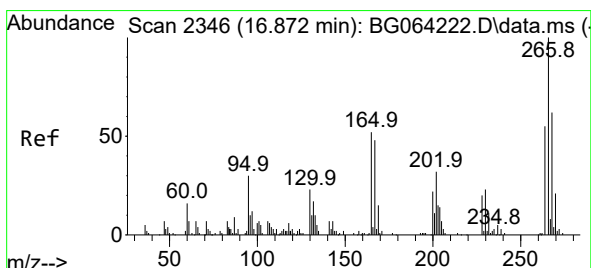
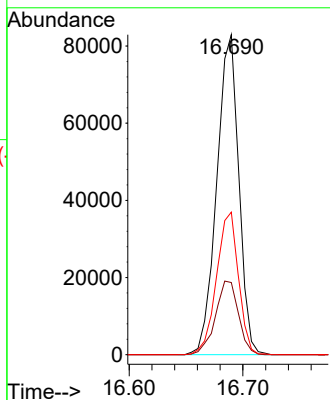
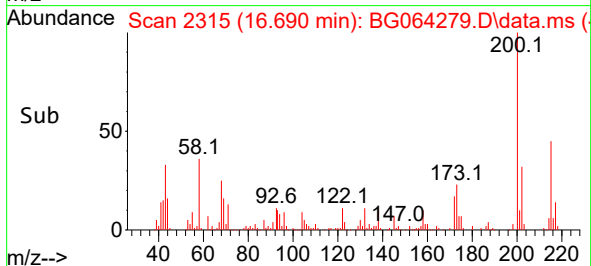


Tgt Ion:200 Resp: 111658  
 Ion Ratio Lower Upper  
 200 100  
 173 22.5 3.5 43.5  
 215 44.5 24.8 64.8

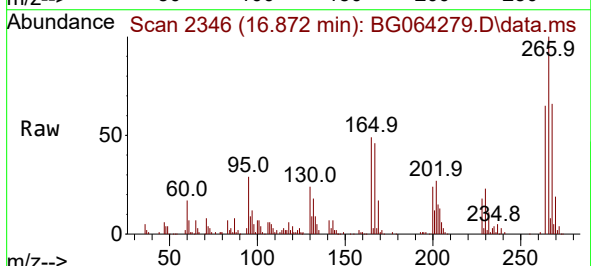
Manual Integrations

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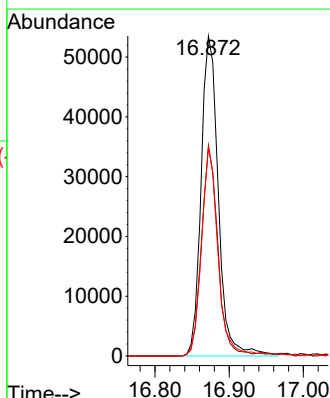
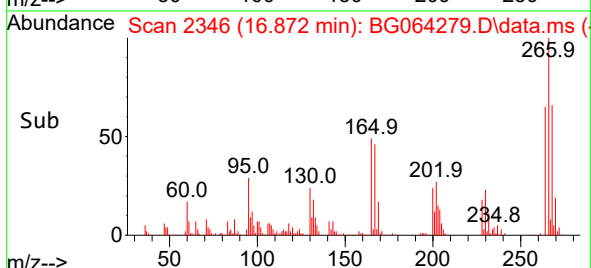
Reviewed By :Rahul Chavli 09/05/2025  
 Supervised By :Jagrut Upadhyay 09/05/2025

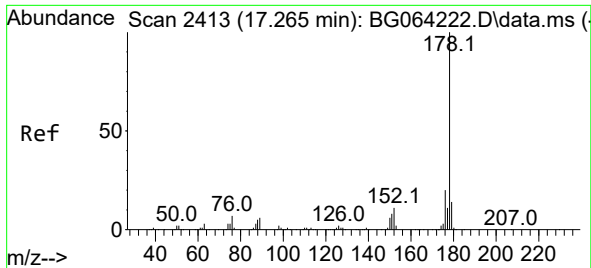


#70  
 Pentachlorophenol  
 Concen: 43.916 ng  
 RT: 16.872 min Scan# 2346  
 Delta R.T. -0.006 min  
 Lab File: BG064279.D  
 Acq: 4 Sep 2025 11:40



Tgt Ion:266 Resp: 86603  
 Ion Ratio Lower Upper  
 266 100  
 268 65.9 49.4 74.0  
 264 65.1 44.3 66.5





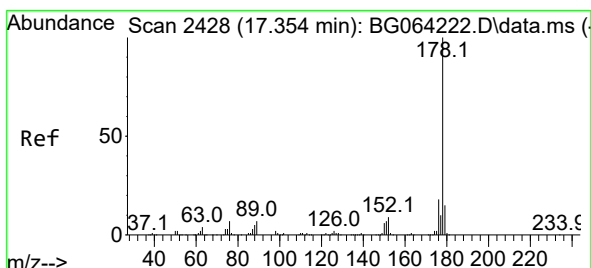
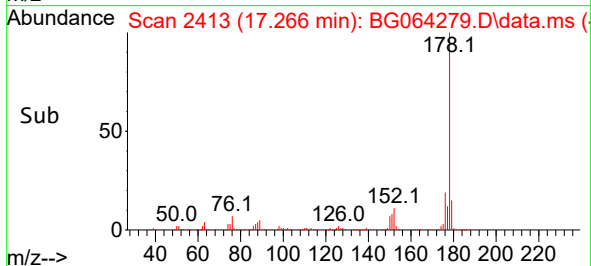
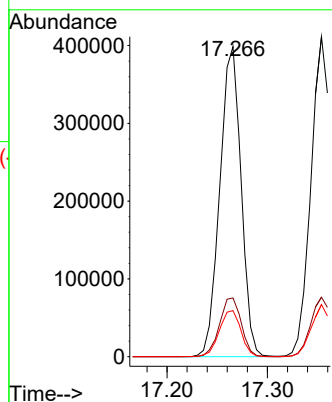
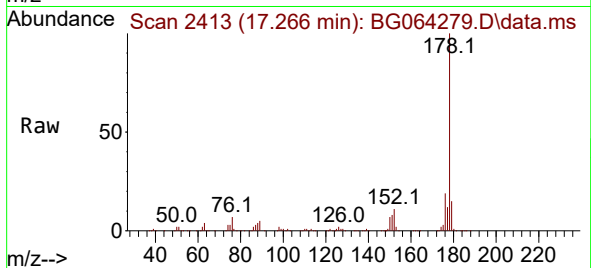
#71  
Phenanthrene  
Concen: 40.235 ng  
RT: 17.266 min Scan# 2413  
Delta R.T. -0.000 min  
Lab File: BG064279.D  
Acq: 4 Sep 2025 11:40

Instrument :  
BNA\_G  
ClientSampleId :  
SSTDCCC040

Tgt Ion:178 Resp: 585169  
Ion Ratio Lower Upper  
178 100  
176 18.9 15.9 23.9  
179 14.8 11.4 17.2

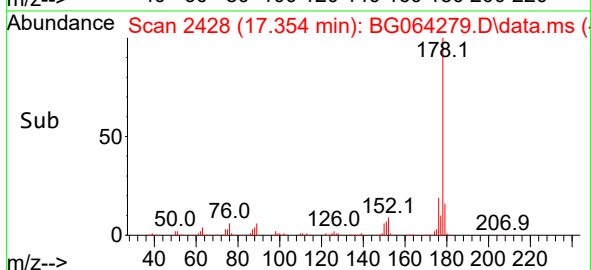
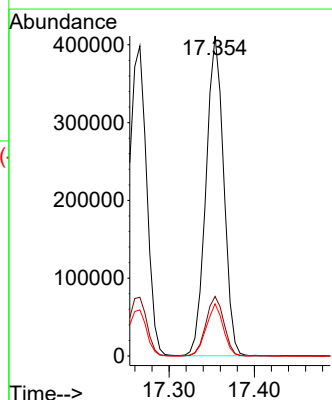
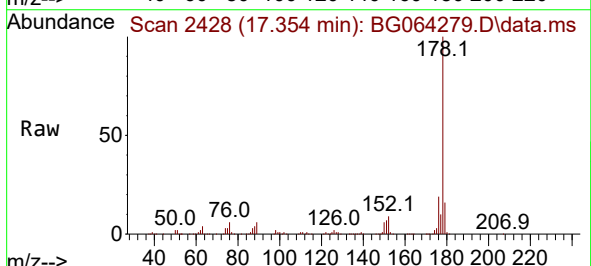
Manual Integrations  
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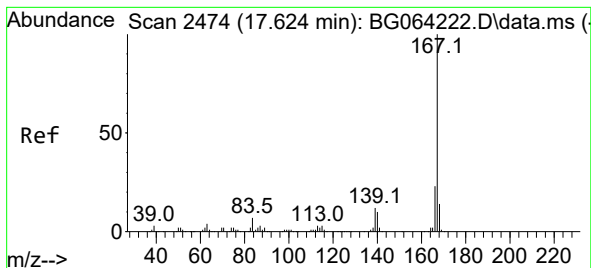
Reviewed By :Rahul Chavli 09/05/2025  
Supervised By :Jagrut Upadhyay 09/05/2025



#72  
Anthracene  
Concen: 39.986 ng  
RT: 17.354 min Scan# 2428  
Delta R.T. -0.006 min  
Lab File: BG064279.D  
Acq: 4 Sep 2025 11:40

Tgt Ion:178 Resp: 591555  
Ion Ratio Lower Upper  
178 100  
176 18.6 14.7 22.1  
179 16.3 12.1 18.1





#73

Carbazole

Concen: 35.354 ng

RT: 17.624 min Scan# 2474

Delta R.T. -0.000 min

Lab File: BG064279.D

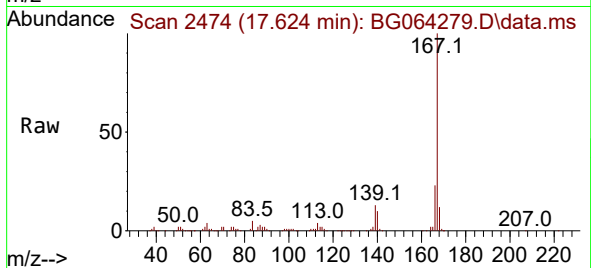
Acq: 4 Sep 2025 11:40

Instrument :

BNA\_G

ClientSampleId :

SSTDCCC040



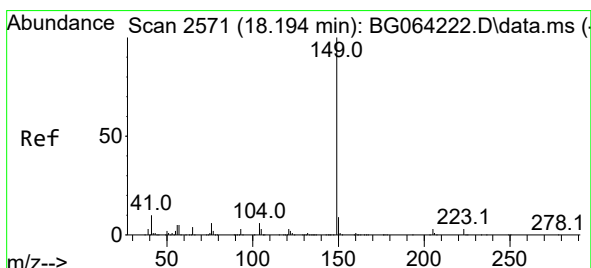
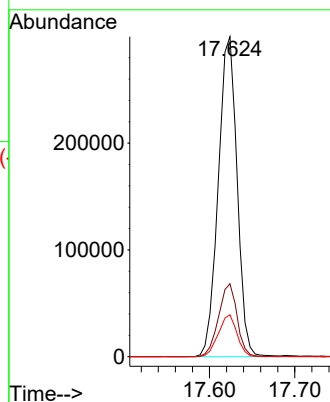
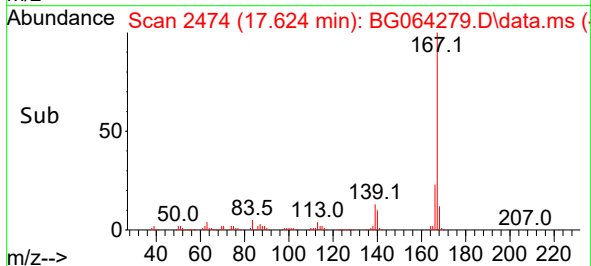
|             |              |
|-------------|--------------|
| Tgt Ion:167 | Resp: 460758 |
| Ion Ratio   | Lower Upper  |
| 167 100     |              |
| 166 22.8    | 18.2 27.2    |
| 139 13.1    | 9.8 14.6     |

Manual Integrations

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Reviewed By :Rahul Chavli 09/05/2025

Supervised By :Jagrut Upadhyay 09/05/2025



#74

Di-n-butylphthalate

Concen: 33.688 ng

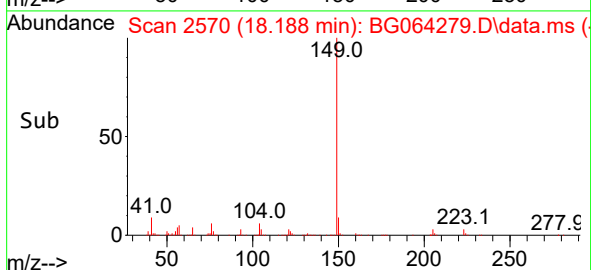
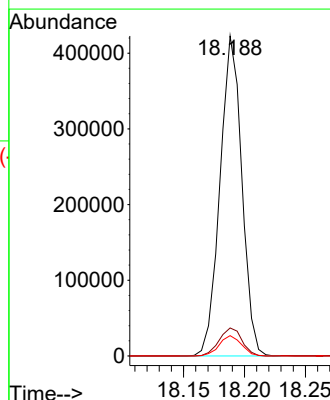
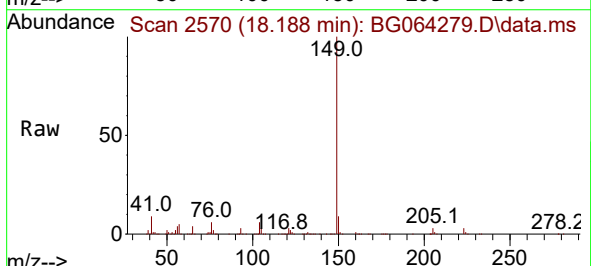
RT: 18.188 min Scan# 2570

Delta R.T. -0.006 min

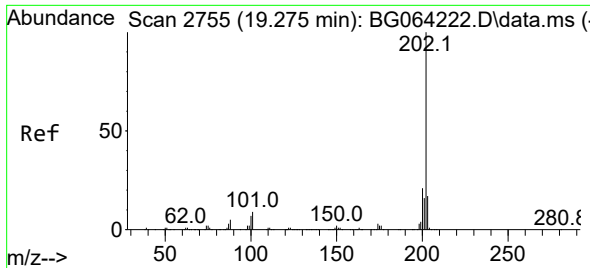
Lab File: BG064279.D

Acq: 4 Sep 2025 11:40

|             |              |       |  |
|-------------|--------------|-------|--|
| Tgt Ion:149 | Resp: 527479 |       |  |
| Ion Ratio   | Lower        | Upper |  |
| 149 100     |              |       |  |
| 150 8.7     | 7.5          | 11.3  |  |
| 104 6.3     | 4.6          | 7.0   |  |

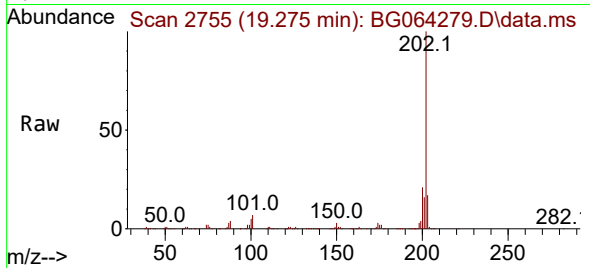






#75  
Fluoranthene  
Concen: 33.500 ng  
RT: 19.275 min Scan# 21  
Delta R.T. -0.000 min  
Lab File: BG064279.D  
Acq: 4 Sep 2025 11:40

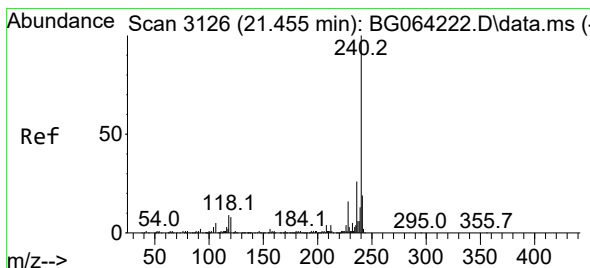
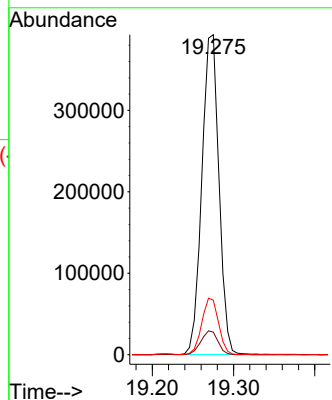
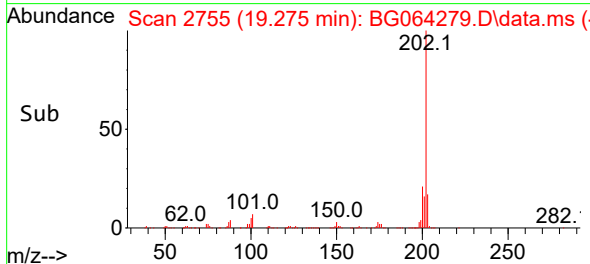
Instrument :  
BNA\_G  
ClientSampleId :  
SSTDCCC040



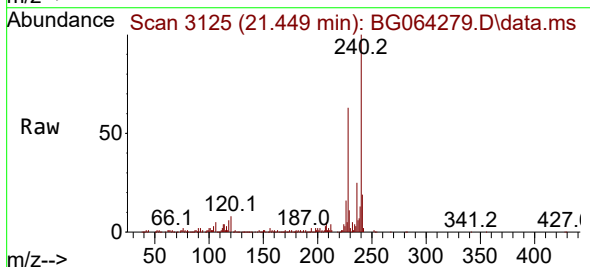
Tgt Ion:202 Resp: 572878  
Ion Ratio Lower Upper  
202 100  
101 7.1 0.0 28.7  
203 17.0 0.0 36.9

Manual Integrations  
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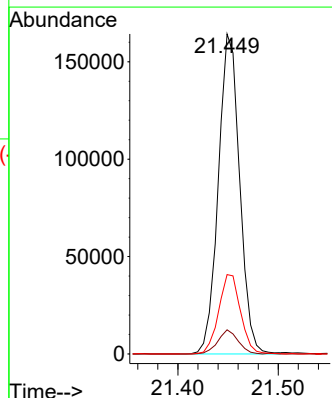
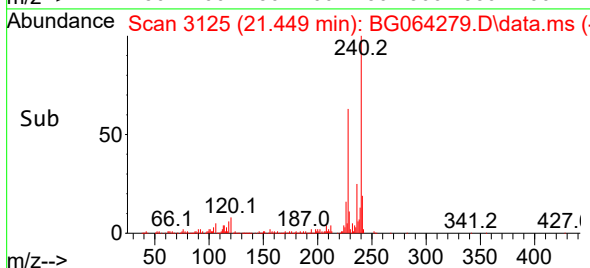
Reviewed By :Rahul Chavli 09/05/2025  
Supervised By :Jagrut Upadhyay 09/05/2025

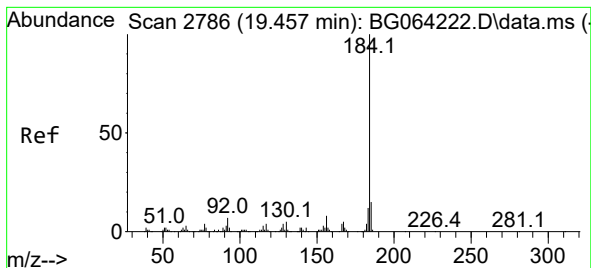


#76  
Chrysene-d12  
Concen: 20.000 ng  
RT: 21.449 min Scan# 3125  
Delta R.T. -0.006 min  
Lab File: BG064279.D  
Acq: 4 Sep 2025 11:40



Tgt Ion:240 Resp: 241954  
Ion Ratio Lower Upper  
240 100  
120 7.6 6.2 9.4  
236 24.8 20.5 30.7





#77

Benzidine

Concen: 40.956 ng

RT: 19.451 min Scan# 21

Delta R.T. -0.006 min

Lab File: BG064279.D

Acq: 4 Sep 2025 11:40

Instrument :

BNA\_G

ClientSampleId :

SSTDCCC040

Tgt Ion:184 Resp: 20846

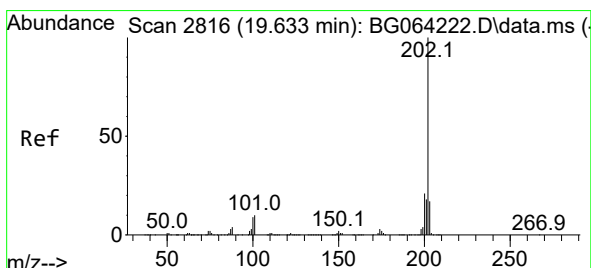
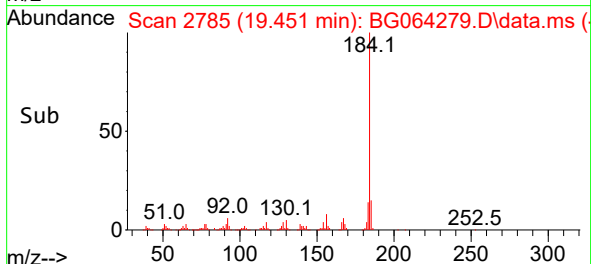
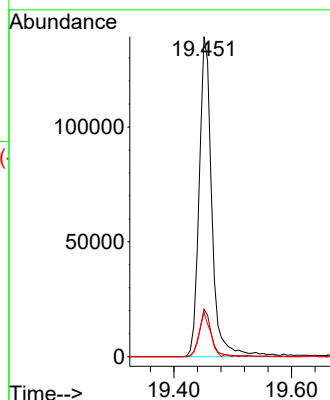
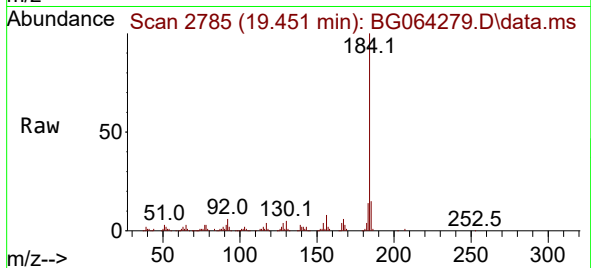
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 184 | 100   |       |       |
| 185 | 14.8  | 11.7  | 17.5  |
| 183 | 13.8  | 9.7   | 14.5  |

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 09/05/2025

Supervised By :Jagrut Upadhyay 09/05/2025



#78

Pyrene

Concen: 39.474 ng

RT: 19.633 min Scan# 2816

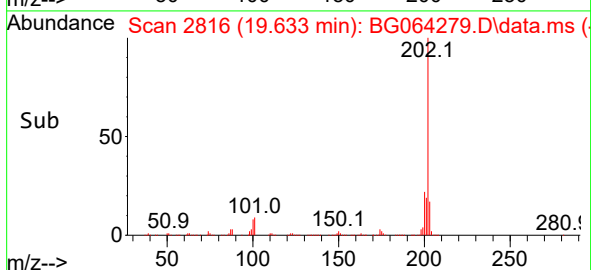
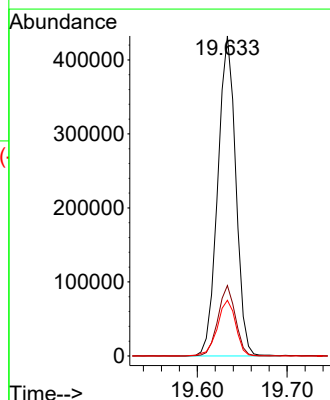
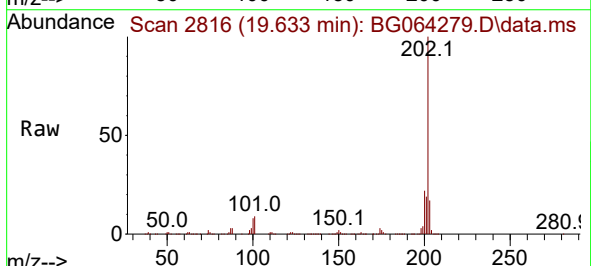
Delta R.T. -0.006 min

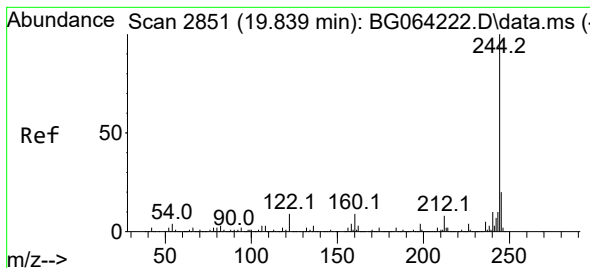
Lab File: BG064279.D

Acq: 4 Sep 2025 11:40

Tgt Ion:202 Resp: 601714

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 202 | 100   |       |       |
| 200 | 22.0  | 16.9  | 25.3  |
| 203 | 17.4  | 13.8  | 20.8  |





#79

Terphenyl-d14

Concen: 80.676 ng

RT: 19.839 min Scan# 2851

Delta R.T. -0.006 min

Lab File: BG064279.D

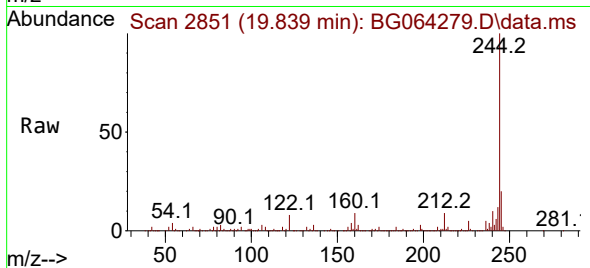
Acq: 4 Sep 2025 11:40

Instrument :

BNA\_G

ClientSampleId :

SSTDCCC040



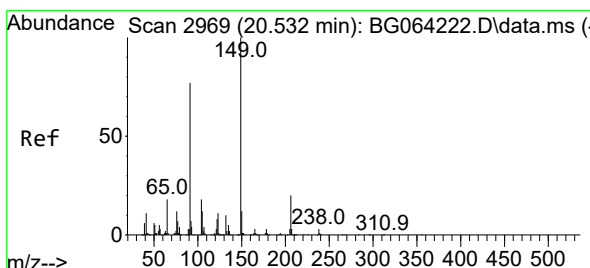
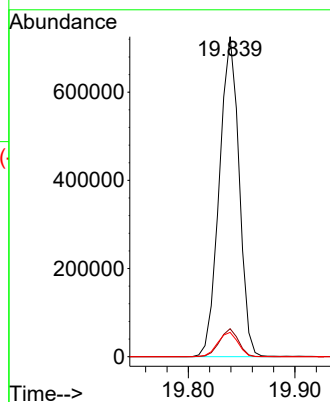
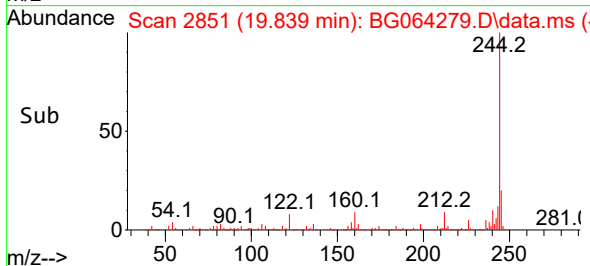
|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 244   | Resp: | 935599 |
| Ion Ratio | Lower | Upper |        |
| 244       | 100   |       |        |
| 212       | 8.8   | 6.6   | 10.0   |
| 122       | 7.6   | 7.0   | 10.6   |

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 09/05/2025

Supervised By :Jagrut Upadhyay 09/05/2025



#80

Butylbenzylphthalate

Concen: 42.907 ng

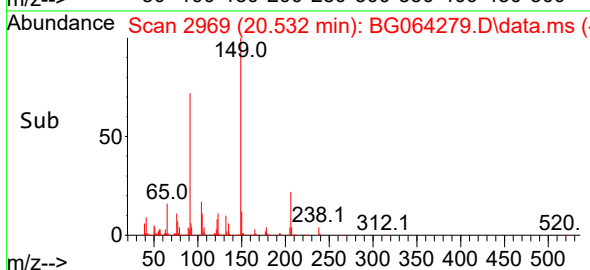
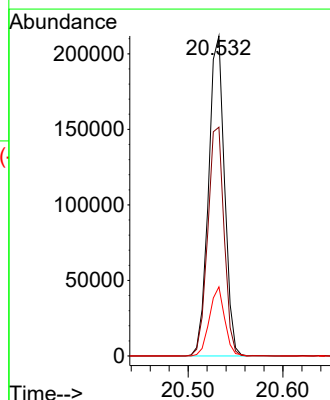
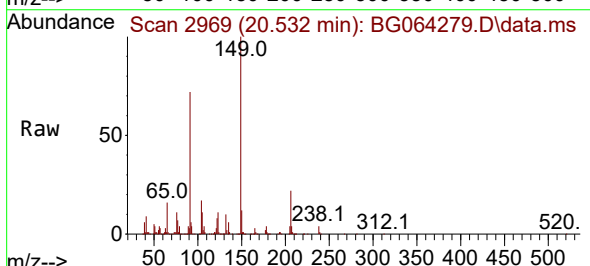
RT: 20.532 min Scan# 2969

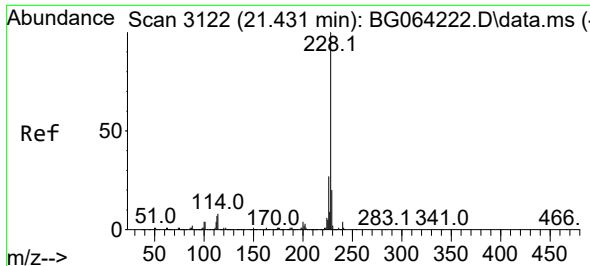
Delta R.T. -0.000 min

Lab File: BG064279.D

Acq: 4 Sep 2025 11:40

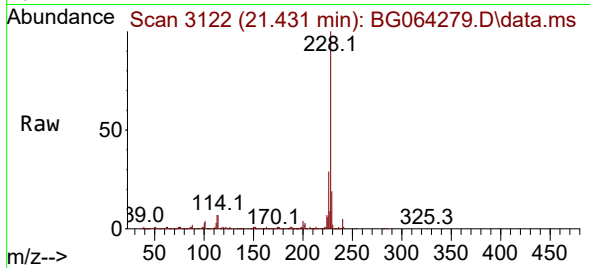
|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 149   | Resp: | 246689 |
| Ion Ratio | Lower | Upper |        |
| 149       | 100   |       |        |
| 91        | 71.5  | 61.4  | 92.0   |
| 206       | 21.6  | 15.8  | 23.6   |





#81  
Benzo(a)anthracene  
Concen: 41.368 ng  
RT: 21.431 min Scan# 3122  
Delta R.T. -0.006 min  
Lab File: BG064279.D  
Acq: 4 Sep 2025 11:40

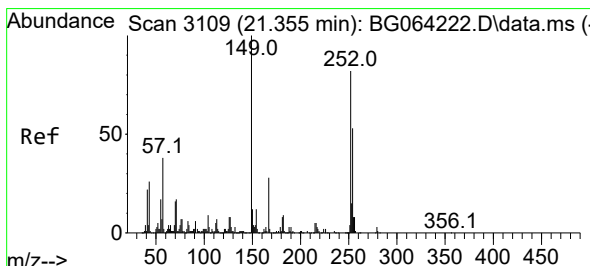
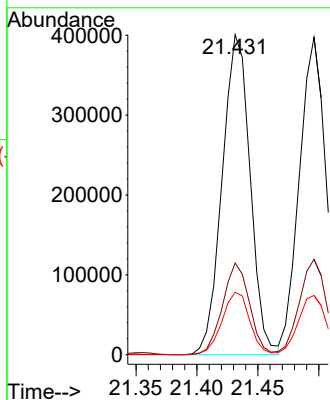
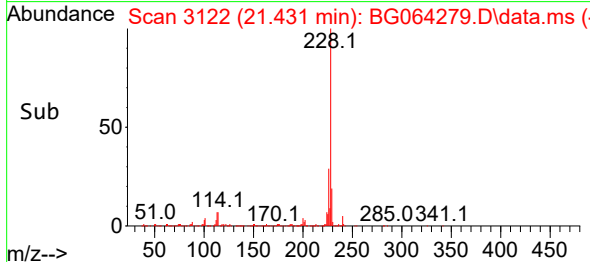
Instrument :  
BNA\_G  
ClientSampleId :  
SSTDCCC040



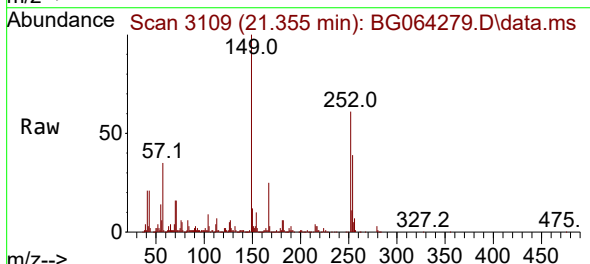
Tgt Ion:228 Resp: 640344  
Ion Ratio Lower Upper  
228 100  
226 28.6 21.7 32.5  
229 19.5 15.9 23.9

Manual Integrations  
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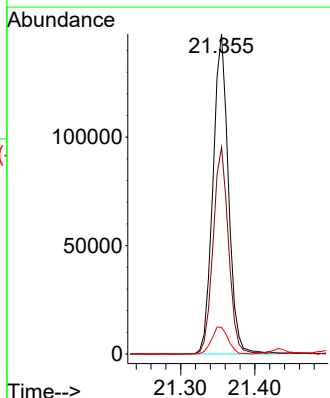
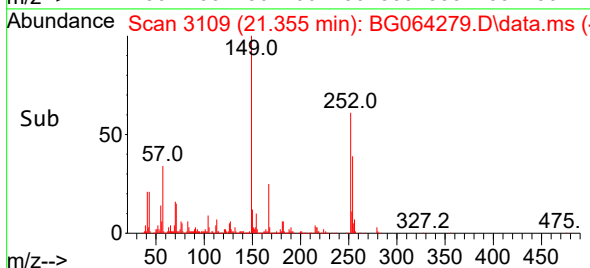
Reviewed By :Rahul Chavli 09/05/2025  
Supervised By :Jagrut Upadhyay 09/05/2025

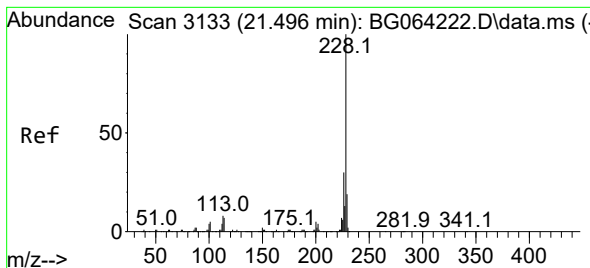


#82  
3,3'-Dichlorobenzidine  
Concen: 42.378 ng  
RT: 21.355 min Scan# 3109  
Delta R.T. -0.006 min  
Lab File: BG064279.D  
Acq: 4 Sep 2025 11:40



Tgt Ion:252 Resp: 213638  
Ion Ratio Lower Upper  
252 100  
254 64.6 51.9 77.9  
126 8.3 7.6 11.4





#83

Chrysene

Concen: 40.784 ng

RT: 21.496 min Scan# 3133

Delta R.T. -0.006 min

Lab File: BG064279.D

Acq: 4 Sep 2025 11:40

Instrument :

BNA\_G

ClientSampleId :

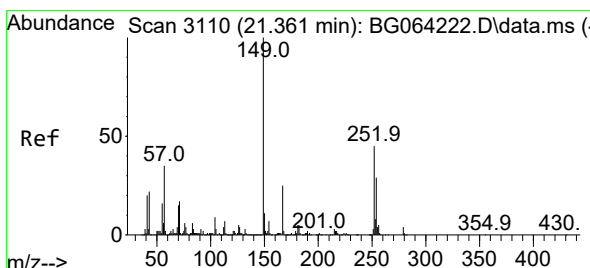
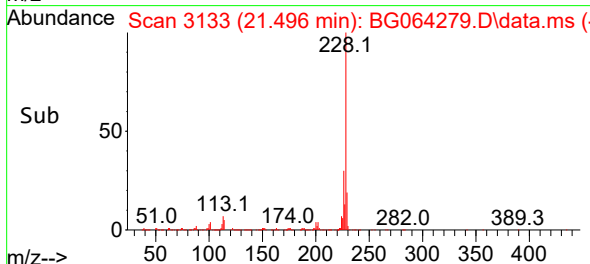
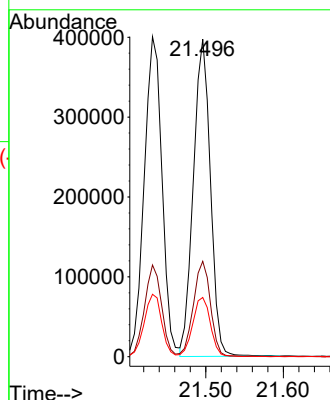
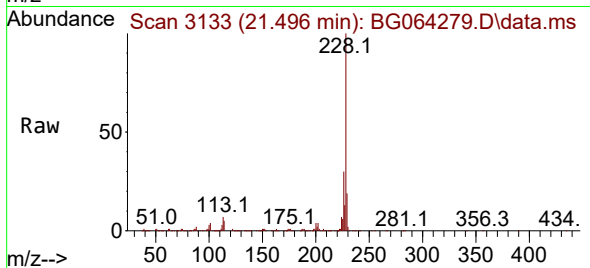
SSTDCCC040

Tgt Ion:228 Resp: 606060  
 Ion Ratio Lower Upper  
 228 100  
 226 30.0 24.2 36.2  
 229 18.7 15.4 23.2

Manual Integrations

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Reviewed By :Rahul Chavli 09/05/2025  
 Supervised By :Jagrut Upadhyay 09/05/2025



#84

Bis(2-ethylhexyl)phthalate

Concen: 41.741 ng

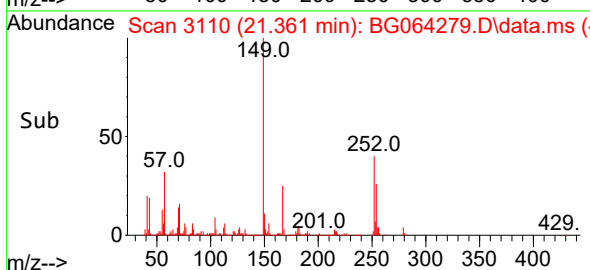
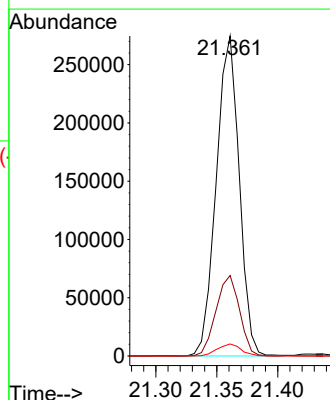
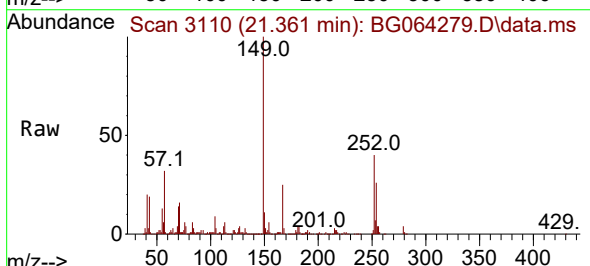
RT: 21.361 min Scan# 3110

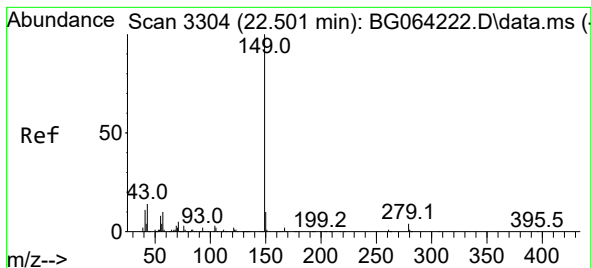
Delta R.T. -0.006 min

Lab File: BG064279.D

Acq: 4 Sep 2025 11:40

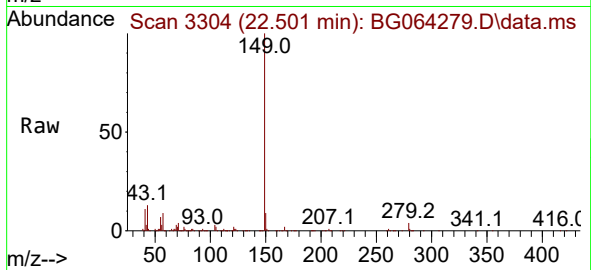
Tgt Ion:149 Resp: 360304  
 Ion Ratio Lower Upper  
 149 100  
 167 25.2 20.0 30.0  
 279 3.8 3.0 4.4





#85  
Di-n-octyl phthalate  
Concen: 41.694 ng  
RT: 22.501 min Scan# 31  
Delta R.T. -0.006 min  
Lab File: BG064279.D  
Acq: 4 Sep 2025 11:40

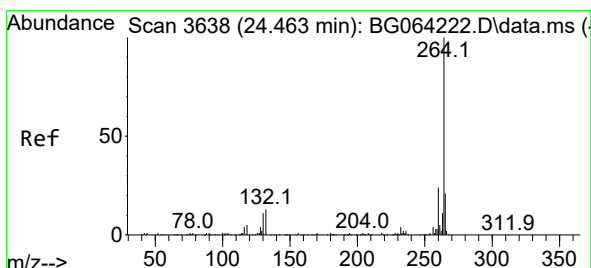
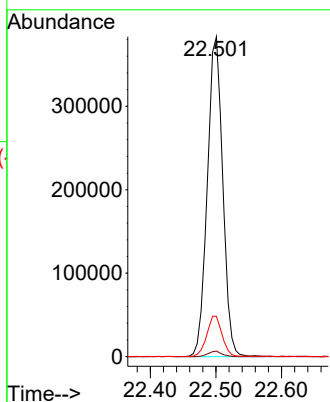
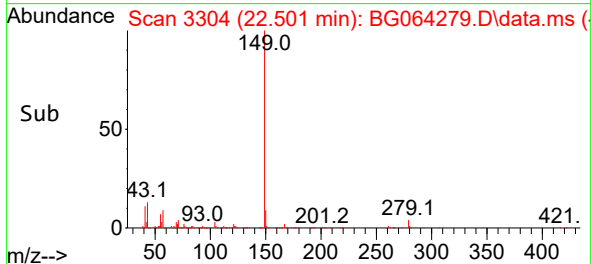
Instrument :  
BNA\_G  
ClientSampleId :  
SSTDCCC040



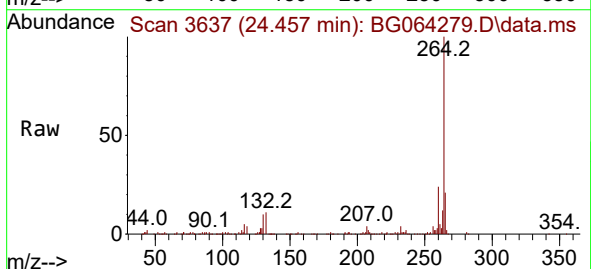
Tgt Ion:149 Resp: 627090  
Ion Ratio Lower Upper  
149 100  
167 1.6 1.3 1.9  
43 12.8 10.8 16.2

Manual Integrations  
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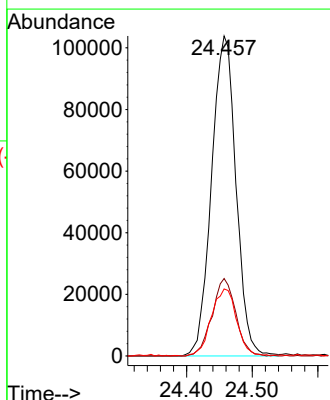
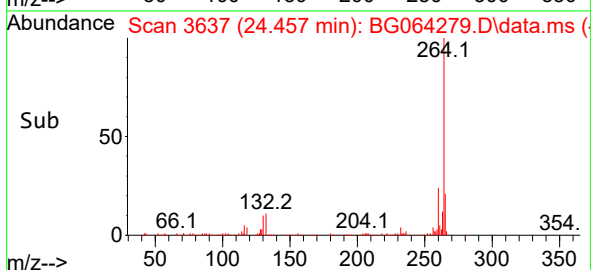
Reviewed By :Rahul Chavli 09/05/2025  
Supervised By :Jagrut Upadhyay 09/05/2025

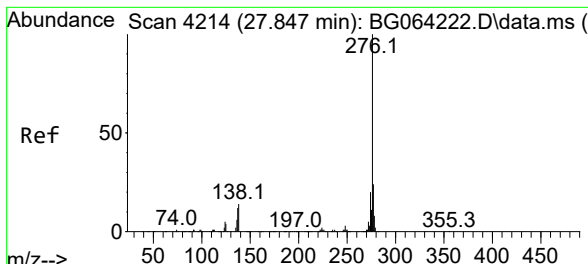


#86  
Perylene-d12  
Concen: 20.000 ng  
RT: 24.457 min Scan# 3637  
Delta R.T. -0.006 min  
Lab File: BG064279.D  
Acq: 4 Sep 2025 11:40



Tgt Ion:264 Resp: 268659  
Ion Ratio Lower Upper  
264 100  
260 24.2 18.9 28.3  
265 21.0 16.7 25.1





#87  
 Indeno(1,2,3-cd)pyrene  
 Concen: 41.067 ng  
 RT: 27.859 min Scan# 4216  
 Delta R.T. -0.012 min  
 Lab File: BG064279.D  
 Acq: 4 Sep 2025 11:40

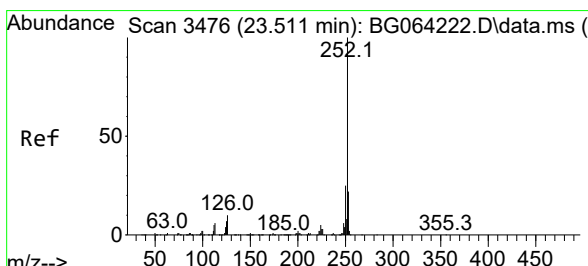
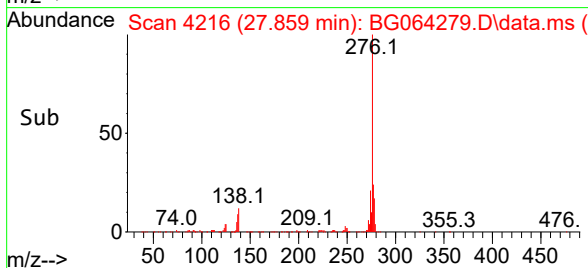
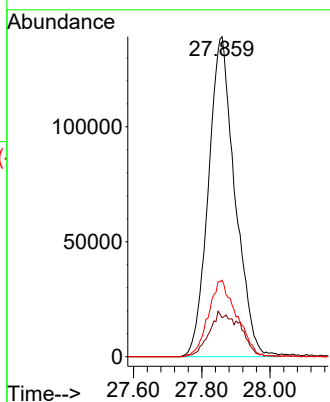
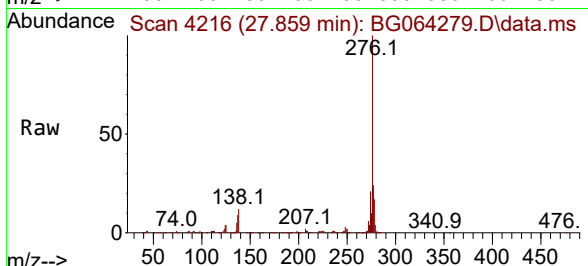
Instrument :  
 BNA\_G  
 ClientSampleId :  
 SSTDCCC040

Tgt Ion: 276 Resp: 75345

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 276 | 100   |       |       |
| 138 | 11.8  | 7.4   | 11.0  |
| 277 | 25.4  | 20.5  | 30.7  |

Manual Integrations  
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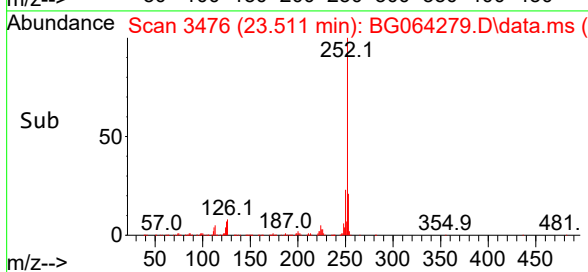
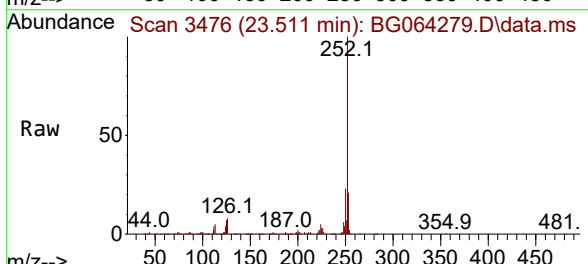
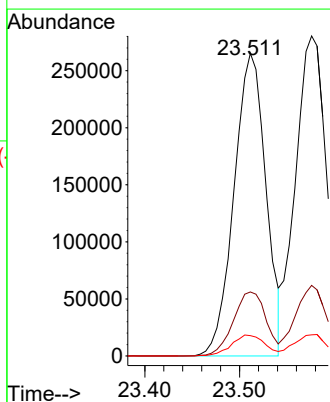
Reviewed By :Rahul Chavli 09/05/2025  
 Supervised By :Jagrut Upadhyay 09/05/2025

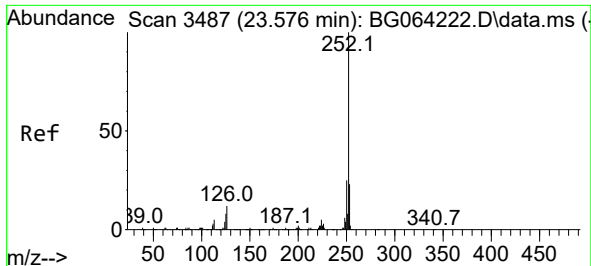


#88  
 Benzo(b)fluoranthene  
 Concen: 40.873 ng  
 RT: 23.511 min Scan# 3476  
 Delta R.T. -0.006 min  
 Lab File: BG064279.D  
 Acq: 4 Sep 2025 11:40

Tgt Ion: 252 Resp: 619755

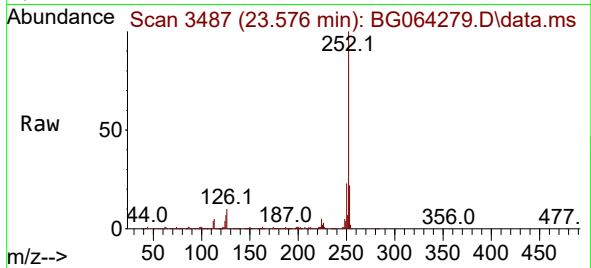
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 252 | 100   |       |       |
| 253 | 21.1  | 17.5  | 26.3  |
| 125 | 6.7   | 5.9   | 8.9   |





#89  
Benzo(k)fluoranthene  
Concen: 41.724 ng  
RT: 23.576 min Scan# 3487  
Delta R.T. -0.012 min  
Lab File: BG064279.D  
Acq: 4 Sep 2025 11:40

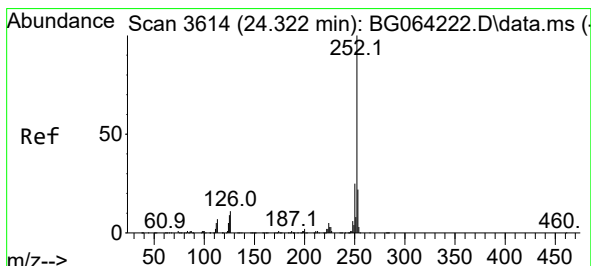
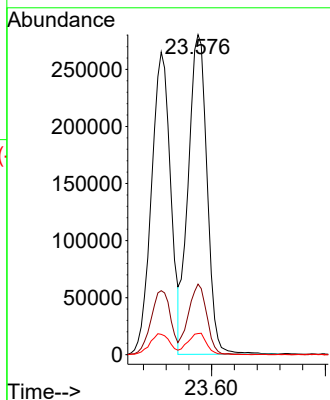
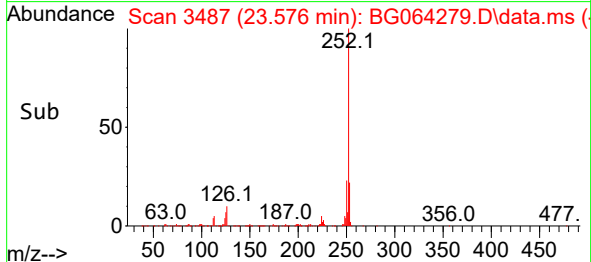
Instrument :  
BNA\_G  
ClientSampleId :  
SSTDCCC040



Tgt Ion:252 Resp: 644528  
Ion Ratio Lower Upper  
252 100  
253 22.0 18.2 27.4  
125 6.6 7.0 10.4

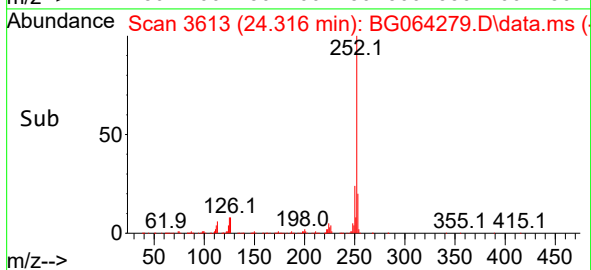
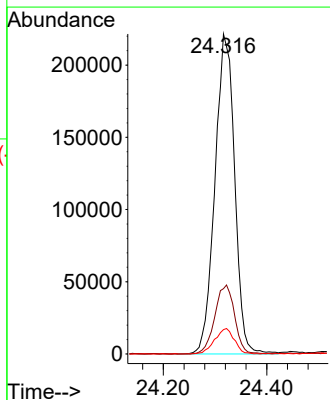
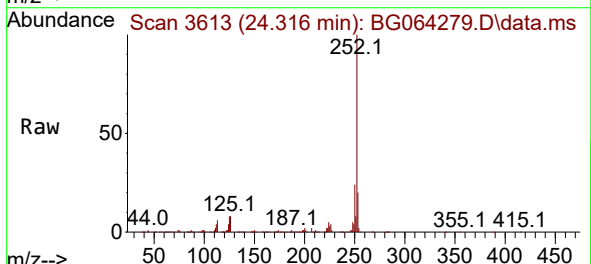
Manual Integrations  
APPROVED

Reviewed By :Rahul Chavli 09/05/2025  
Supervised By :Jagrut Upadhyay 09/05/2025

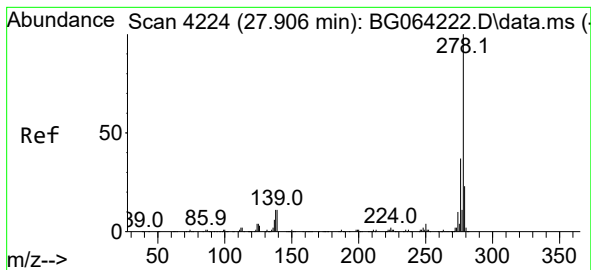


#90  
Benzo(a)pyrene  
Concen: 41.514 ng  
RT: 24.316 min Scan# 3613  
Delta R.T. -0.012 min  
Lab File: BG064279.D  
Acq: 4 Sep 2025 11:40

Tgt Ion:252 Resp: 585541  
Ion Ratio Lower Upper  
252 100  
253 20.4 17.4 26.2  
125 7.6 7.0 10.6







#91

Dibenzo(a,h)anthracene

Concen: 41.662 ng

RT: 27.912 min Scan# 41

Delta R.T. -0.012 min

Lab File: BG064279.D

Acq: 4 Sep 2025 11:40

Instrument :

BNA\_G

ClientSampleId :

SSTDCCC040

Tgt Ion:278 Resp: 61372

Ion Ratio Lower Upper

278 100

139 11.3 9.0 13.4

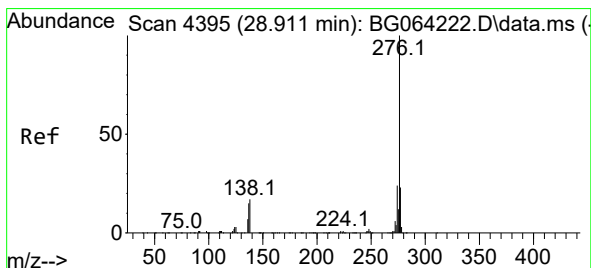
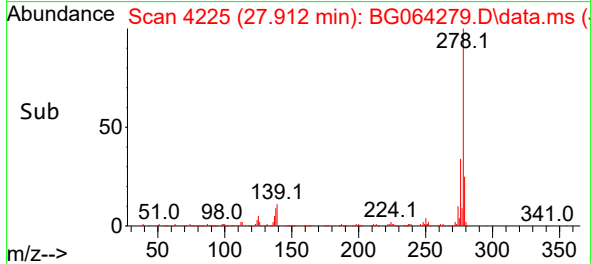
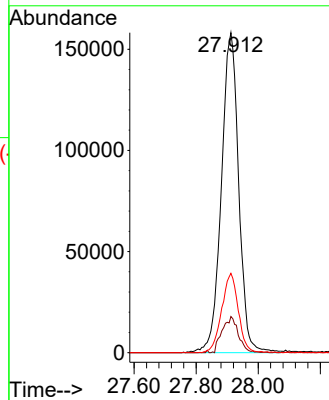
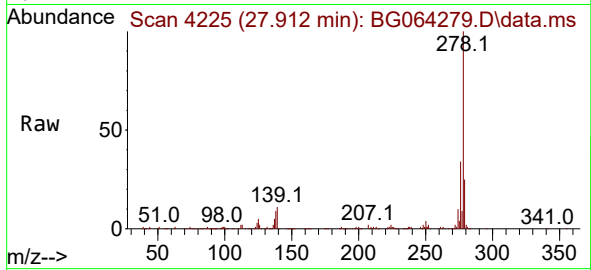
279 24.8 18.8 28.2

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 09/05/2025

Supervised By :Jagrut Upadhyay 09/05/2025



#92

Benzo(g,h,i)perylene

Concen: 41.139 ng

RT: 28.911 min Scan# 4395

Delta R.T. -0.024 min

Lab File: BG064279.D

Acq: 4 Sep 2025 11:40

Tgt Ion:276 Resp: 589696

Ion Ratio Lower Upper

276 100

277 23.0 18.2 27.4

138 12.8 13.3 19.9#

