

Data Path : Z:\svoasrv\HPCHEM1\BNA\_G\Data\BG100325\  
 Data File : BG064490.D  
 Acq On : 3 Oct 2025 16:57  
 Operator : RC/JU  
 Sample : PB169973BSD  
 Misc :  
 ALS Vial : 7 Sample Multiplier: 1

Instrument :  
 BNA\_G  
 ClientSampleId :  
 PB169973BSD

Manual Integrations  
 APPROVED

Reviewed By :Rahul Chavli 10/06/2025  
 Supervised By :Jagrut Upadhyay 10/06/2025

Quant Time: Oct 03 17:39:14 2025  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_G\Methods\8270-BG100225.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Thu Oct 02 16:40:42 2025  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc    | Units | Dev(Min) |
|-------------------------------|--------|------|----------|---------|-------|----------|
| -----                         |        |      |          |         |       |          |
| Internal Standards            |        |      |          |         |       |          |
| 1) 1,4-Dichlorobenzene-d4     | 7.825  | 152  | 15312    | 20.000  | ng    | 0.00     |
| 21) Naphthalene-d8            | 10.610 | 136  | 68886    | 20.000  | ng    | # 0.00   |
| 39) Acenaphthene-d10          | 14.453 | 164  | 53563    | 20.000  | ng    | 0.00     |
| 64) Phenanthrene-d10          | 17.191 | 188  | 138632   | 20.000  | ng    | # 0.00   |
| 76) Chrysene-d12              | 21.415 | 240  | 141515   | 20.000  | ng    | 0.00     |
| 86) Perylene-d12              | 24.388 | 264  | 151583   | 20.000  | ng    | # 0.00   |
|                               |        |      |          |         |       |          |
| System Monitoring Compounds   |        |      |          |         |       |          |
| 5) 2-Fluorophenol             | 5.416  | 112  | 134466   | 162.522 | ng    | 0.01     |
| 7) Phenol-d6                  | 7.003  | 99   | 172569   | 155.209 | ng    | 0.02     |
| 23) Nitrobenzene-d5           | 8.977  | 82   | 117218   | 91.496  | ng    | 0.01     |
| 42) 2,4,6-Tribromophenol      | 15.939 | 330  | 140210   | 144.412 | ng    | 0.00     |
| 45) 2-Fluorobiphenyl          | 13.072 | 172  | 328094   | 90.288  | ng    | 0.00     |
| 79) Terphenyl-d14             | 19.805 | 244  | 721842   | 96.533  | ng    | 0.00     |
|                               |        |      |          |         |       |          |
| Target Compounds              |        |      |          |         |       | Qvalue   |
| 2) 1,4-Dioxane                | 3.319  | 88   | 13298    | 40.634  | ng    | # 92     |
| 3) Pyridine                   | 3.706  | 79   | 34946    | 39.733  | ng    | 94       |
| 4) n-Nitrosodimethylamine     | 3.624  | 42   | 31964    | 50.132  | ng    | 87       |
| 6) Aniline                    | 7.149  | 93   | 48523    | 34.598  | ng    | 97       |
| 8) 2-Chlorophenol             | 7.390  | 128  | 56075    | 55.194  | ng    | 98       |
| 9) Benzaldehyde               | 6.961  | 77   | 25788    | 26.128  | ng    | 91       |
| 10) Phenol                    | 7.026  | 94   | 64826    | 55.269  | ng    | 98       |
| 11) bis(2-Chloroethyl)ether   | 7.249  | 93   | 39465    | 49.685  | ng    | 95       |
| 12) 1,3-Dichlorobenzene       | 7.713  | 146  | 55884    | 50.283  | ng    | 98       |
| 13) 1,4-Dichlorobenzene       | 7.860  | 146  | 59496    | 53.339  | ng    | 91       |
| 14) 1,2-Dichlorobenzene       | 8.172  | 146  | 55839    | 50.794  | ng    | 96       |
| 15) Benzyl Alcohol            | 8.060  | 79   | 55796    | 54.492  | ng    | 90       |
| 16) 2,2'-oxybis(1-Chloropr... | 8.348  | 45   | 61797    | 48.266  | ng    | 98       |
| 17) 2-Methylphenol            | 8.272  | 107  | 46672    | 54.952  | ng    | 98       |
| 18) Hexachloroethane          | 8.900  | 117  | 21715    | 49.321  | ng    | 92       |
| 19) n-Nitroso-di-n-propyla... | 8.624  | 70   | 38963    | 52.398  | ng    | 97       |
| 20) 3+4-Methylphenols         | 8.595  | 107  | 65493    | 55.259  | ng    | 93       |
| 22) Acetophenone              | 8.642  | 105  | 91544    | 54.885  | ng    | # 96     |
| 24) Nitrobenzene              | 9.018  | 77   | 60821    | 47.607  | ng    | 96       |
| 25) Isophorone                | 9.541  | 82   | 110698   | 47.697  | ng    | 98       |
| 26) 2-Nitrophenol             | 9.729  | 139  | 30795    | 48.432  | ng    | 97       |
| 27) 2,4-Dimethylphenol        | 9.793  | 122  | 55310    | 56.953  | ng    | 95       |
| 28) bis(2-Chloroethoxy)met... | 10.023 | 93   | 58363    | 49.333  | ng    | 97       |
| 29) 2,4-Dichlorophenol        | 10.263 | 162  | 59120    | 52.643  | ng    | 96       |
| 30) 1,2,4-Trichlorobenzene    | 10.475 | 180  | 61294    | 50.056  | ng    | 98       |
| 31) Naphthalene               | 10.663 | 128  | 171886   | 48.456  | ng    | 99       |
| 32) Benzoic acid              | 9.958  | 122  | 44961m   | 60.300  | ng    |          |
| 33) 4-Chloroaniline           | 10.769 | 127  | 20695    | 15.203  | ng    | # 97     |
| 34) Hexachlorobutadiene       | 10.951 | 225  | 49245    | 46.959  | ng    | 99       |
| 35) Caprolactam               | 11.538 | 113  | 19269m   | 50.120  | ng    |          |
| 36) 4-Chloro-3-methylphenol   | 11.903 | 107  | 70424    | 51.566  | ng    | 97       |
| 37) 2-Methylnaphthalene       | 12.273 | 142  | 121185   | 44.505  | ng    | 98       |
| 38) 1-Methylnaphthalene       | 12.490 | 142  | 126687   | 46.659  | ng    | 100      |
| 40) 1,2,4,5-Tetrachloroben... | 12.643 | 216  | 92935    | 53.737  | ng    | 98       |
| 41) Hexachlorocyclopentadiene | 12.625 | 237  | 123269   | 136.260 | ng    | 94       |
| 43) 2,4,6-Trichlorophenol     | 12.884 | 196  | 57388    | 51.908  | ng    | 99       |

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 ALS Vial : 7 Sample Multiplier: 1

Instrument :  
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Manual Integrations  
 APPROVED

Reviewed By :Rahul Chavli 10/06/2025  
 Supervised By :Jagrut Upadhyay 10/06/2025

Quant Time: Oct 03 17:39:14 2025  
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Thu Oct 02 16:40:42 2025  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc    | Units | Dev(Min) |
|-------------------------------|--------|------|----------|---------|-------|----------|
| 44) 2,4,5-Trichlorophenol     | 12.954 | 196  | 60489    | 49.008  | ng    | 95       |
| 46) 1,1'-Biphenyl             | 13.283 | 154  | 204884   | 53.183  | ng    | 99       |
| 47) 2-Chloronaphthalene       | 13.325 | 162  | 136452   | 47.440  | ng    | 96       |
| 48) 2-Nitroaniline            | 13.530 | 65   | 49637    | 50.563  | ng    | 96       |
| 49) Acenaphthylene            | 14.171 | 152  | 236815   | 55.463  | ng    | 99       |
| 50) Dimethylphthalate         | 13.912 | 163  | 203802   | 48.581  | ng    | 97       |
| 51) 2,6-Dinitrotoluene        | 14.024 | 165  | 43905    | 50.241  | ng    | 95       |
| 52) Acenaphthene              | 14.517 | 154  | 140204   | 47.264  | ng    | 95       |
| 53) 3-Nitroaniline            | 14.353 | 138  | 21048    | 26.116  | ng    | 93       |
| 54) 2,4-Dinitrophenol         | 14.564 | 184  | 60905    | 96.115  | ng    | 86       |
| 55) Dibenzofuran              | 14.852 | 168  | 239756   | 48.950  | ng    | 99       |
| 56) 4-Nitrophenol             | 14.676 | 139  | 70541    | 111.171 | ng    | 97       |
| 57) 2,4-Dinitrotoluene        | 14.817 | 165  | 71035    | 53.174  | ng    | 99       |
| 58) Fluorene                  | 15.498 | 166  | 204659   | 50.261  | ng    | 98       |
| 59) 2,3,4,6-Tetrachlorophenol | 15.081 | 232  | 68433    | 54.327  | ng    | 98       |
| 60) Diethylphthalate          | 15.275 | 149  | 222549   | 49.452  | ng    | # 97     |
| 61) 4-Chlorophenyl-phenyle... | 15.493 | 204  | 106708   | 48.001  | ng    | 96       |
| 62) 4-Nitroaniline            | 15.522 | 138  | 43915    | 52.280  | ng    | 89       |
| 63) Azobenzene                | 15.786 | 77   | 173819   | 49.872  | ng    | 96       |
| 65) 4,6-Dinitro-2-methylph... | 15.581 | 198  | 46256    | 47.921  | ng    | 97       |
| 66) n-Nitrosodiphenylamine    | 15.710 | 169  | 182340   | 49.254  | ng    | 93       |
| 67) 4-Bromophenyl-phenylether | 16.386 | 248  | 78451    | 48.089  | ng    | 90       |
| 68) Hexachlorobenzene         | 16.503 | 284  | 91352    | 48.936  | ng    | 98       |
| 69) Atrazine                  | 16.656 | 200  | 87001    | 52.822  | ng    | 95       |
| 70) Pentachlorophenol         | 16.850 | 266  | 109925   | 100.712 | ng    | 100      |
| 71) Phenanthrene              | 17.232 | 178  | 352360   | 48.603  | ng    | 97       |
| 72) Anthracene                | 17.326 | 178  | 362889   | 49.895  | ng    | 98       |
| 73) Carbazole                 | 17.590 | 167  | 327423   | 52.082  | ng    | 99       |
| 74) Di-n-butylphthalate       | 18.154 | 149  | 396998   | 51.730  | ng    | 100      |
| 75) Fluoranthene              | 19.241 | 202  | 441298   | 50.952  | ng    | 99       |
| 77) Benzidine                 | 19.423 | 184  | 100027   | 28.405  | ng    | 96       |
| 78) Pyrene                    | 19.605 | 202  | 454934   | 49.536  | ng    | 98       |
| 80) Butylbenzylphthalate      | 20.498 | 149  | 165196   | 50.742  | ng    | 99       |
| 81) Benzo(a)anthracene        | 21.397 | 228  | 451659   | 49.985  | ng    | 99       |
| 82) 3,3'-Dichlorobenzidine    | 21.321 | 252  | 83367    | 27.260  | ng    | # 96     |
| 83) Chrysene                  | 21.456 | 228  | 424681   | 49.559  | ng    | 96       |
| 84) Bis(2-ethylhexyl)phtha... | 21.321 | 149  | 234171   | 50.979  | ng    | 100      |
| 85) Di-n-octyl phthalate      | 22.443 | 149  | 388583   | 50.334  | ng    | 99       |
| 87) Indeno(1,2,3-cd)pyrene    | 27.743 | 276  | 540606   | 51.237  | ng    | # 97     |
| 88) Benzo(b)fluoranthene      | 23.454 | 252  | 434847   | 50.425  | ng    | 99       |
| 89) Benzo(k)fluoranthene      | 23.513 | 252  | 449174   | 51.716  | ng    | 100      |
| 90) Benzo(a)pyrene            | 24.253 | 252  | 423237   | 53.252  | ng    | 97       |
| 91) Dibenzo(a,h)anthracene    | 27.796 | 278  | 442427   | 52.434  | ng    | 98       |
| 92) Benzo(g,h,i)perylene      | 28.789 | 276  | 432535   | 52.749  | ng    | 98       |

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

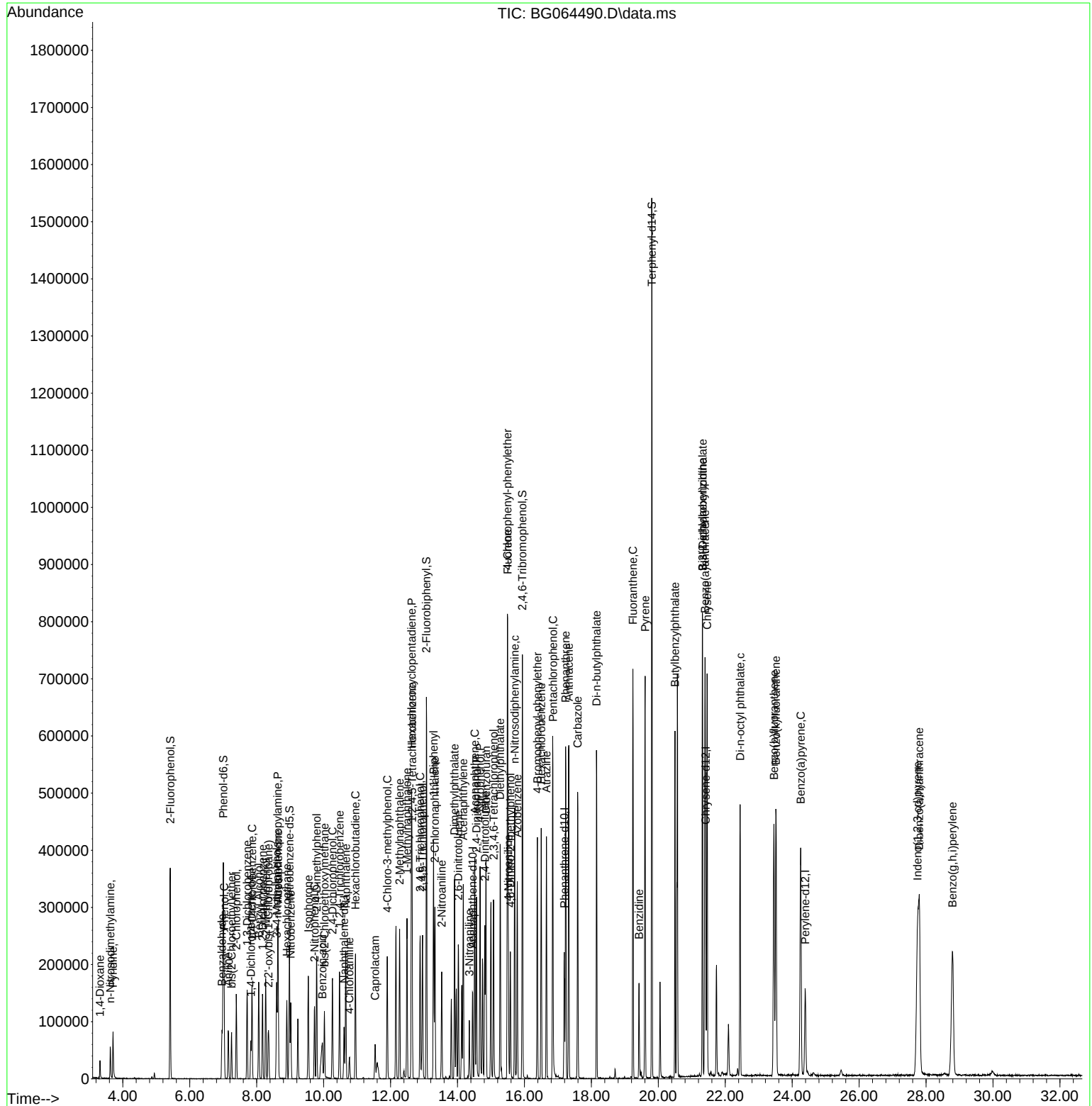
Data Path : Z:\svoasrv\HPCHEM1\BNA\_G\Data\BG100325\  
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 Sample : PB169973BSD  
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 ALS Vial : 7 Sample Multiplier: 1

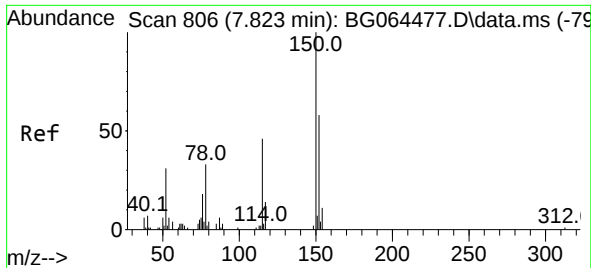
Instrument :  
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### Manual Integrations APPROVED

Reviewed By :Rahul Chavli 10/06/2025  
 Supervised By :Jagrut Upadhyay 10/06/2025

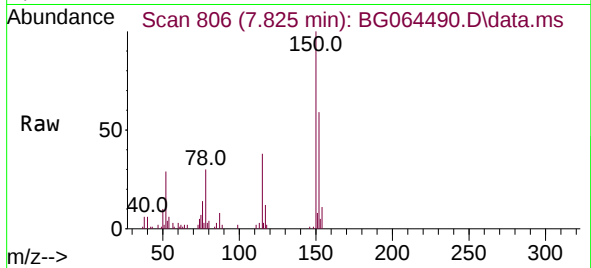
Quant Time: Oct 03 17:39:14 2025  
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#1  
 1,4-Dichlorobenzene-d4  
 Concen: 20.000 ng  
 RT: 7.825 min Scan# 80  
 Delta R.T. 0.005 min  
 Lab File: BG064490.D  
 Acq: 3 Oct 2025 16:57

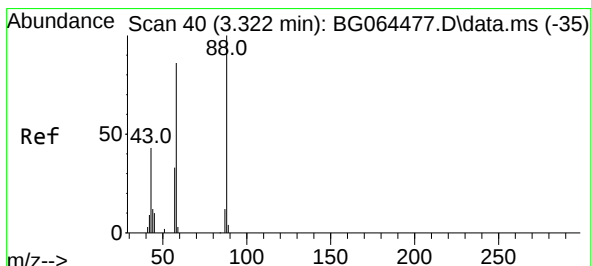
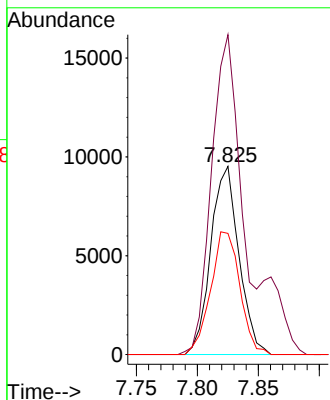
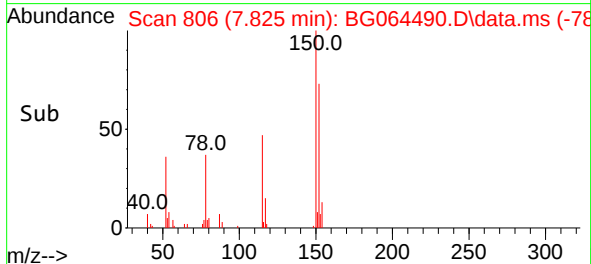
Instrument :  
 BNA\_G  
 ClientSampleId :  
 PB169973BSD



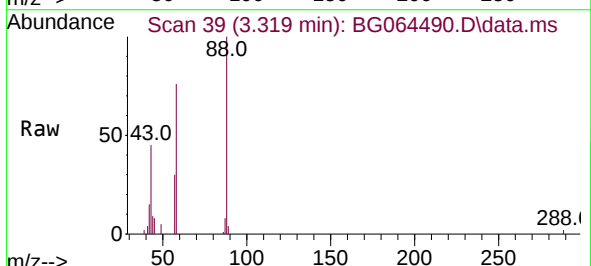
Tgt Ion:152 Resp: 15312  
 Ion Ratio Lower Upper  
 152 100  
 150 170.0 138.6 207.8  
 115 64.3 63.4 95.2

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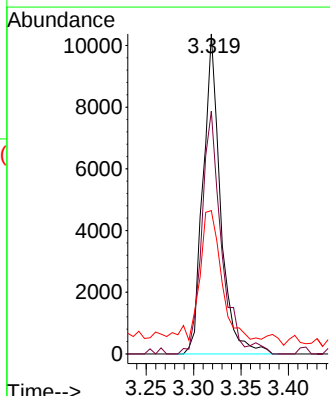
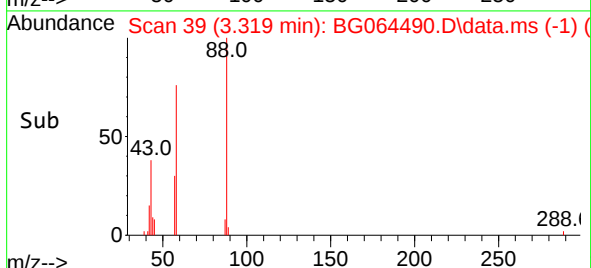
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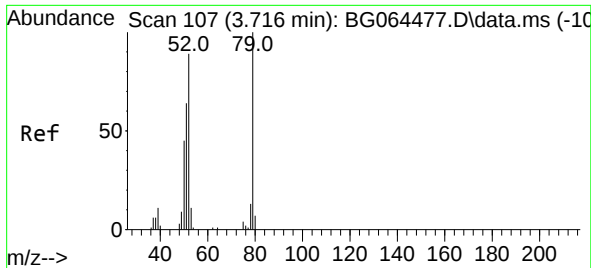


#2  
 1,4-Dioxane  
 Concen: 40.634 ng  
 RT: 3.319 min Scan# 39  
 Delta R.T. -0.001 min  
 Lab File: BG064490.D  
 Acq: 3 Oct 2025 16:57



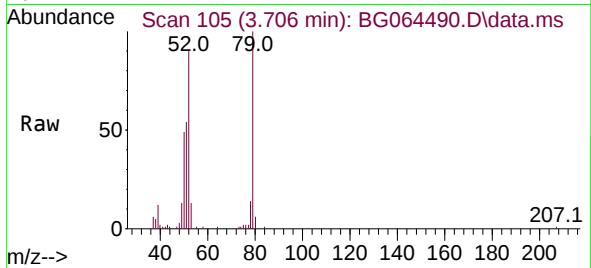
Tgt Ion: 88 Resp: 13298  
 Ion Ratio Lower Upper  
 88 100  
 58 83.3 69.8 104.6  
 43 57.4 37.4 56.0#





#3  
Pyridine  
Concen: 39.733 ng  
RT: 3.706 min Scan# 10  
Delta R.T. -0.007 min  
Lab File: BG064490.D  
Acq: 3 Oct 2025 16:57

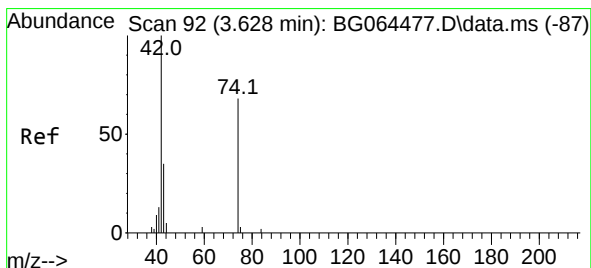
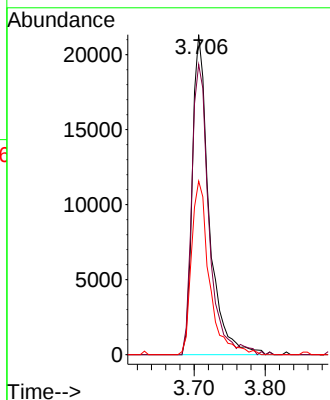
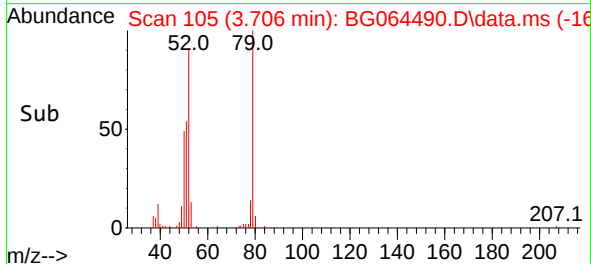
Instrument :  
BNA\_G  
ClientSampleId :  
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Tgt Ion: 79 Resp: 34946  
Ion Ratio Lower Upper  
79 100  
52 90.7 71.0 106.4  
51 54.2 51.0 76.6

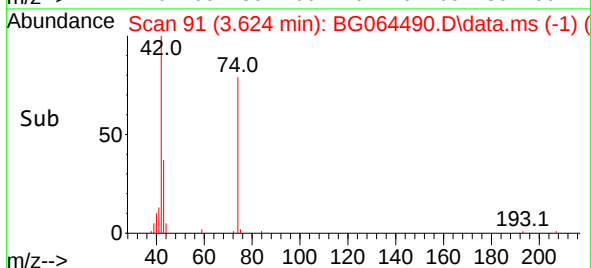
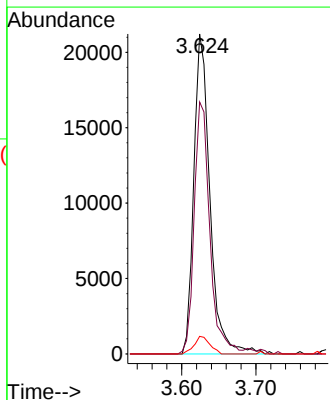
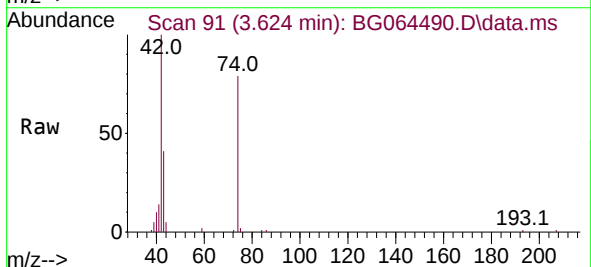
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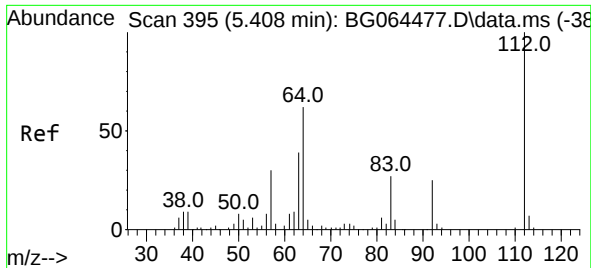
Reviewed By :Rahul Chavli 10/06/2025  
Supervised By :Jagrut Upadhyay 10/06/2025



#4  
n-Nitrosodimethylamine  
Concen: 50.132 ng  
RT: 3.624 min Scan# 91  
Delta R.T. -0.001 min  
Lab File: BG064490.D  
Acq: 3 Oct 2025 16:57

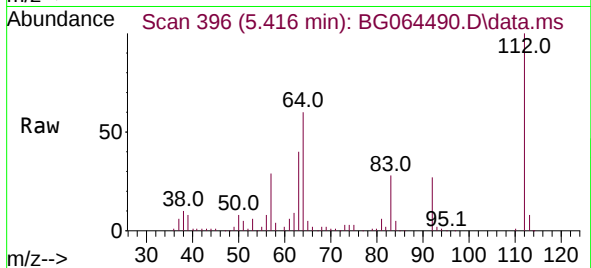
Tgt Ion: 42 Resp: 31964  
Ion Ratio Lower Upper  
42 100  
74 78.7 54.2 81.4  
44 5.5 4.2 6.2





#5  
2-Fluorophenol  
Concen: 162.522 ng  
RT: 5.416 min Scan# 395  
Delta R.T. 0.010 min  
Lab File: BG064490.D  
Acq: 3 Oct 2025 16:57

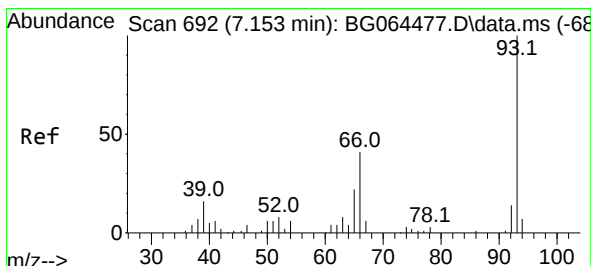
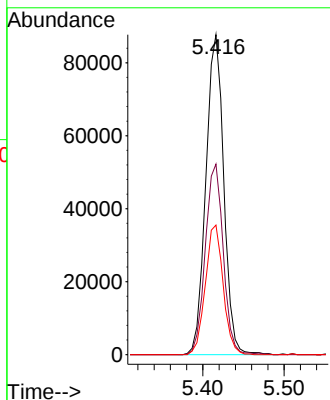
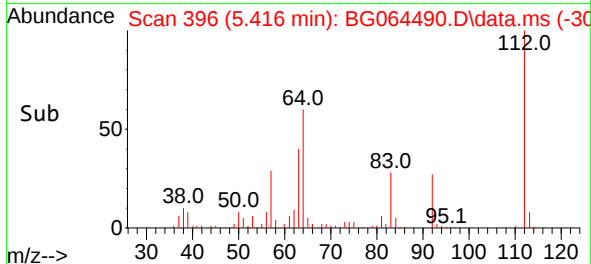
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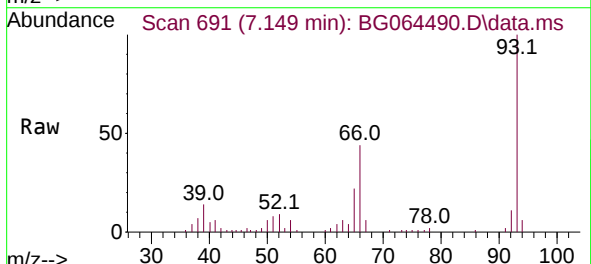
Tgt Ion:112 Resp: 134466  
Ion Ratio Lower Upper  
112 100  
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63 40.5 31.3 46.9

Manual Integrations  
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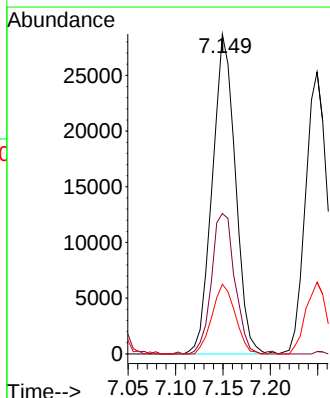
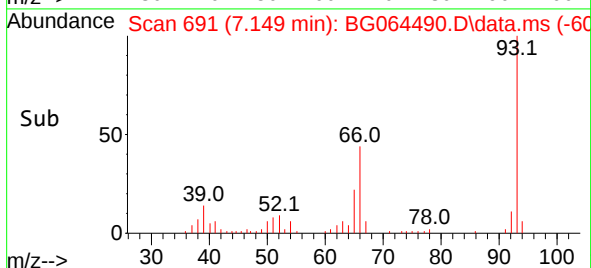
Reviewed By :Rahul Chavli 10/06/2025  
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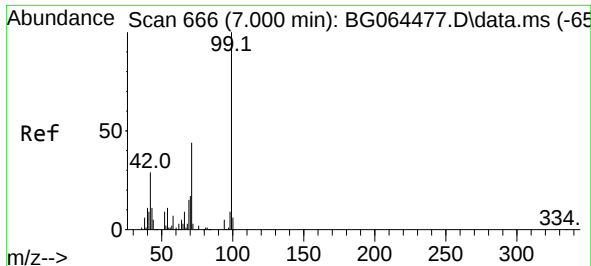


#6  
Aniline  
Concen: 34.598 ng  
RT: 7.149 min Scan# 691  
Delta R.T. 0.005 min  
Lab File: BG064490.D  
Acq: 3 Oct 2025 16:57



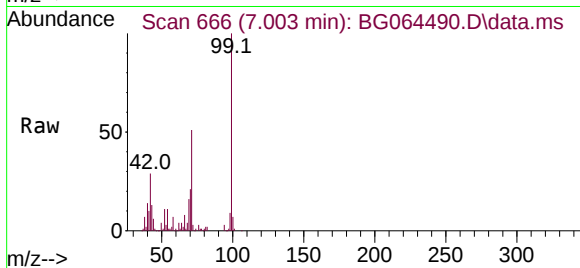
Tgt Ion: 93 Resp: 48523  
Ion Ratio Lower Upper  
93 100  
66 43.9 33.0 49.4  
65 21.8 17.5 26.3





#7  
Phenol-d6  
Concen: 155.209 ng  
RT: 7.003 min Scan# 60  
Delta R.T. 0.016 min  
Lab File: BG064490.D  
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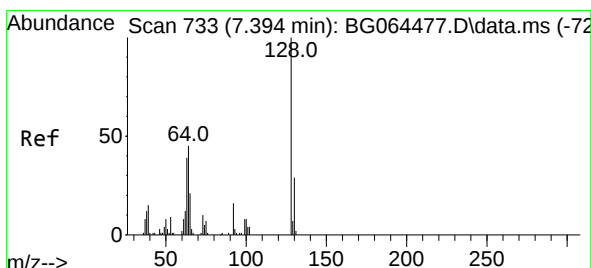
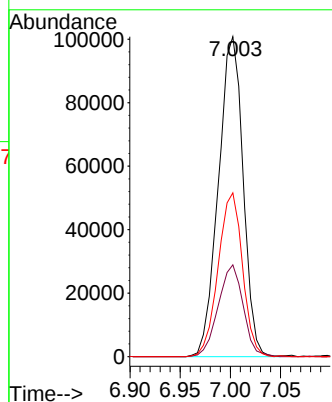
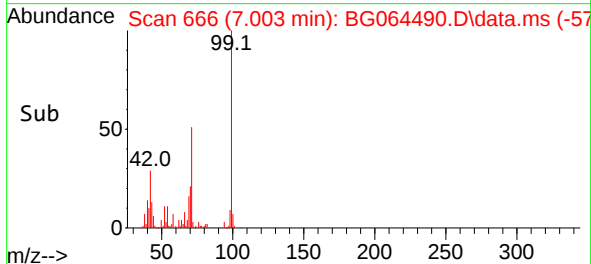
Instrument :  
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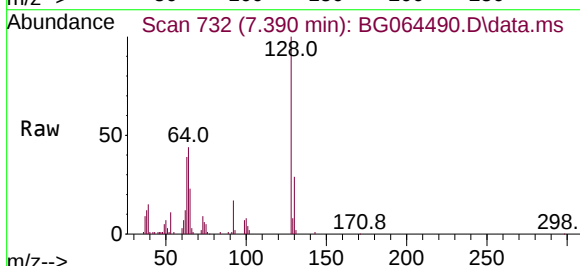
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Ion Ratio Lower Upper  
99 100  
42 28.7 22.9 34.3  
71 51.2 35.4 53.2

Manual Integrations  
APPROVED

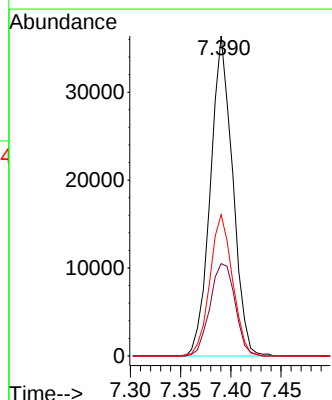
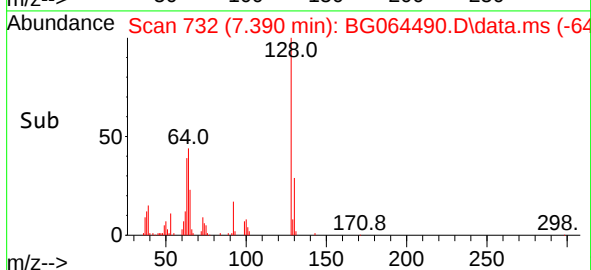
Reviewed By :Rahul Chavli 10/06/2025  
Supervised By :Jagrut Upadhyay 10/06/2025

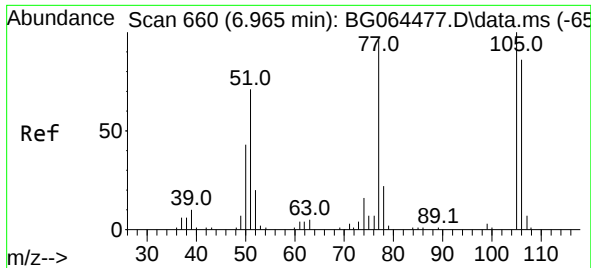


#8  
2-Chlorophenol  
Concen: 55.194 ng  
RT: 7.390 min Scan# 732  
Delta R.T. 0.005 min  
Lab File: BG064490.D  
Acq: 3 Oct 2025 16:57



Tgt Ion:128 Resp: 56075  
Ion Ratio Lower Upper  
128 100  
130 28.8 9.2 49.2  
64 44.1 25.5 65.5





#9  
Benzaldehyde  
Concen: 26.128 ng  
RT: 6.961 min Scan# 61  
Delta R.T. -0.001 min  
Lab File: BG064490.D  
Acq: 3 Oct 2025 16:57

Instrument :

BNA\_G

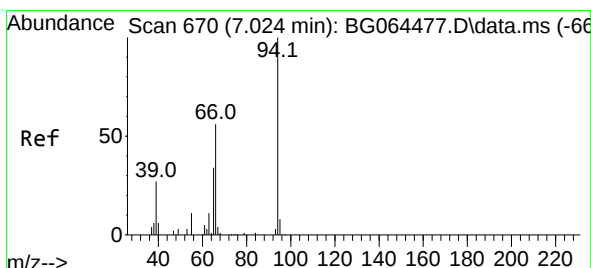
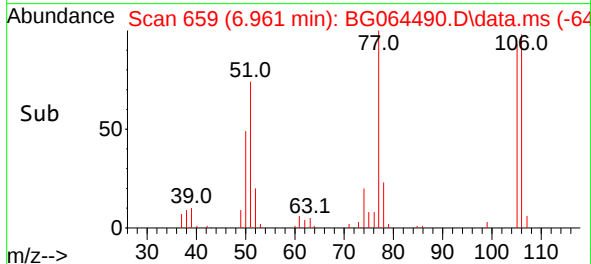
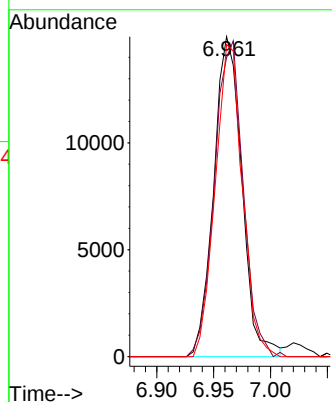
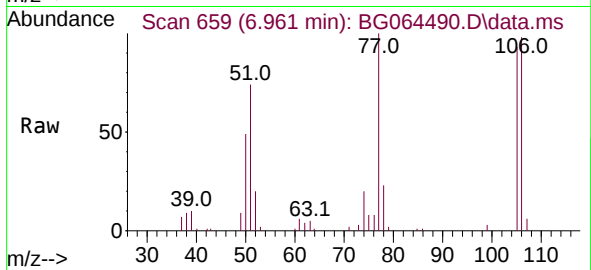
ClientSampleId :

PB169973BSD

Tgt Ion: 77 Resp: 25788  
Ion Ratio Lower Upper  
77 100  
105 93.5 83.7 123.7  
106 97.5 69.4 109.4

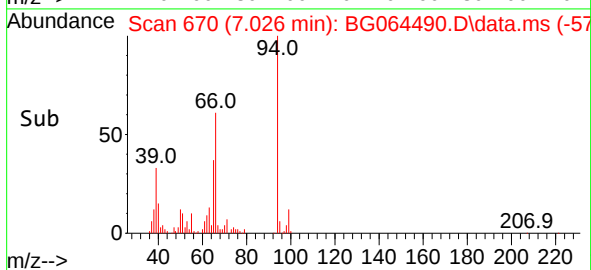
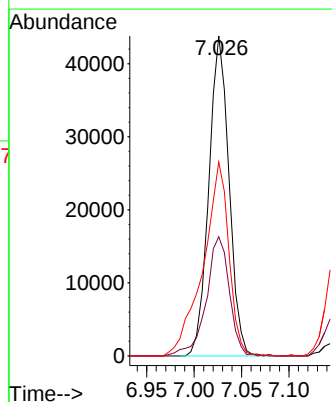
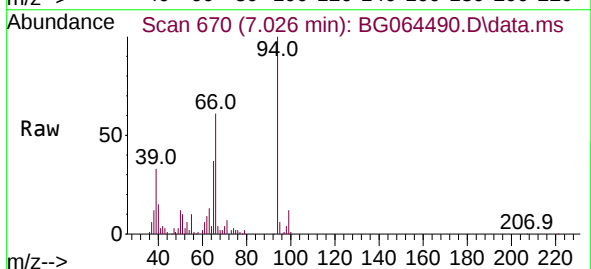
Manual Integrations  
APPROVED

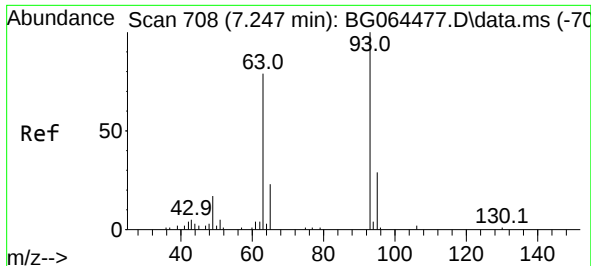
Reviewed By :Rahul Chavli 10/06/2025  
Supervised By :Jagrut Upadhyay 10/06/2025



#10  
Phenol  
Concen: 55.269 ng  
RT: 7.026 min Scan# 670  
Delta R.T. 0.010 min  
Lab File: BG064490.D  
Acq: 3 Oct 2025 16:57

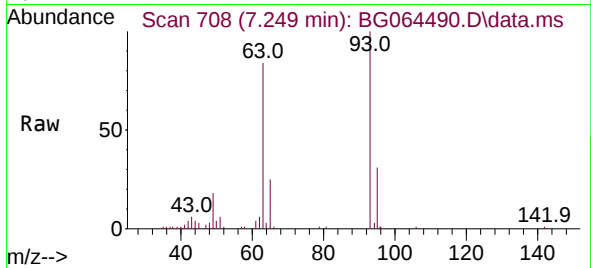
Tgt Ion: 94 Resp: 64826  
Ion Ratio Lower Upper  
94 100  
65 37.2 14.8 54.8  
66 60.6 41.4 81.4





#11  
bis(2-Chloroethyl)ether  
Concen: 49.685 ng  
RT: 7.249 min Scan# 708  
Delta R.T. 0.005 min  
Lab File: BG064490.D  
Acq: 3 Oct 2025 16:57

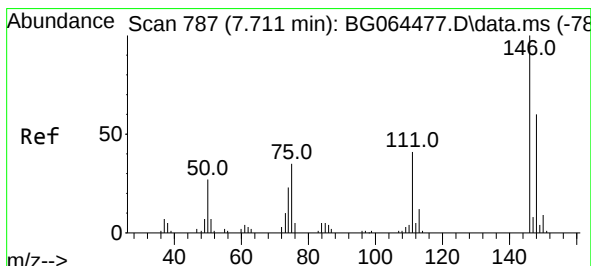
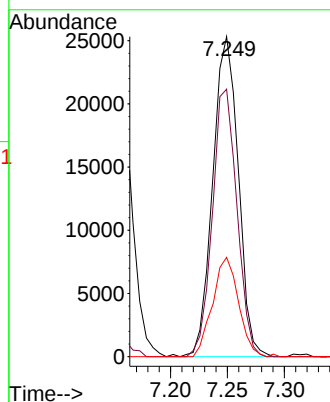
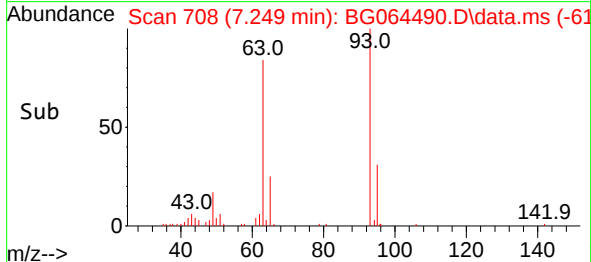
Instrument :  
BNA\_G  
ClientSampleId :  
PB169973BSD



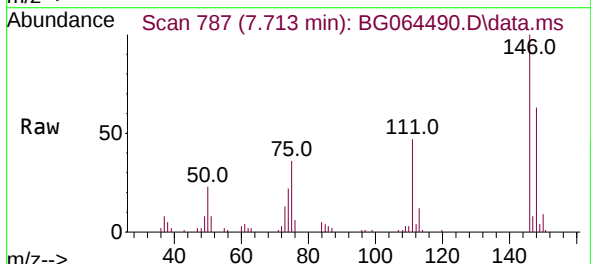
Tgt Ion: 93 Resp: 39468  
Ion Ratio Lower Upper  
93 100  
63 83.6 59.5 99.5  
95 31.0 8.8 48.8

Manual Integrations  
APPROVED

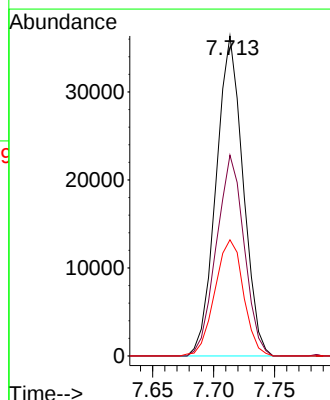
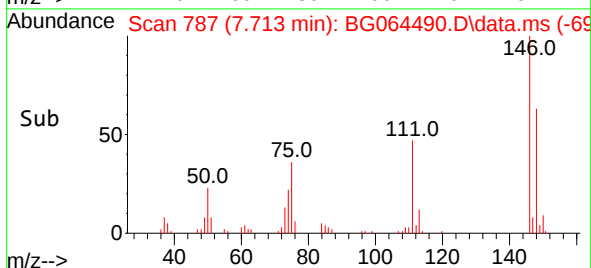
Reviewed By :Rahul Chavli 10/06/2025  
Supervised By :Jagrut Upadhyay 10/06/2025

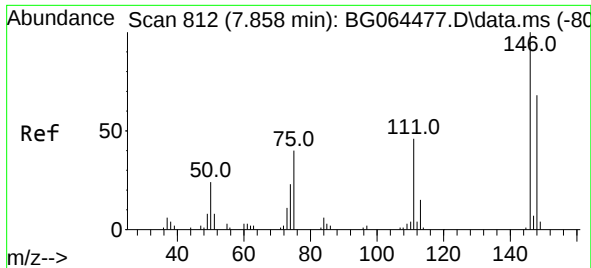


#12  
1,3-Dichlorobenzene  
Concen: 50.283 ng  
RT: 7.713 min Scan# 787  
Delta R.T. 0.005 min  
Lab File: BG064490.D  
Acq: 3 Oct 2025 16:57



Tgt Ion:146 Resp: 55884  
Ion Ratio Lower Upper  
146 100  
148 62.7 48.4 72.6  
75 36.3 28.3 42.5





#13

1,4-Dichlorobenzene

Concen: 53.339 ng

RT: 7.860 min Scan# 812

Delta R.T. 0.005 min

Lab File: BG064490.D

Acq: 3 Oct 2025 16:57

Instrument :

BNA\_G

ClientSampleId :

PB169973BSD

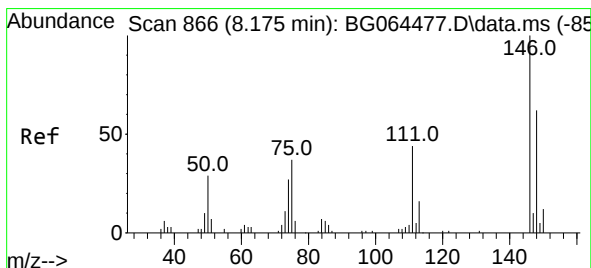
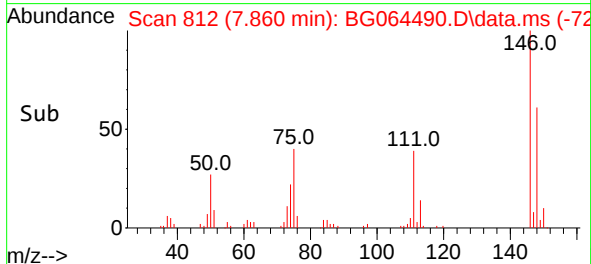
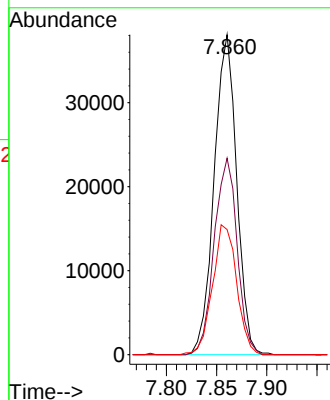
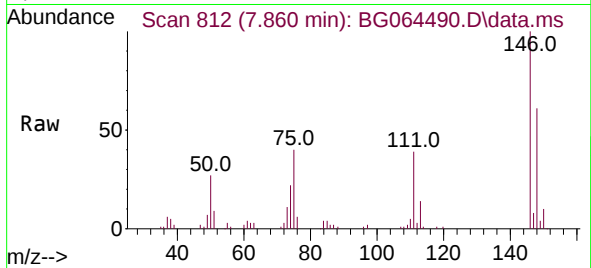
Tgt Ion:146 Resp: 59496  
 Ion Ratio Lower Upper  
 146 100  
 148 61.4 54.4 81.6  
 111 39.1 36.5 54.7

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 10/06/2025

Supervised By :Jagrut Upadhyay 10/06/2025



#14

1,2-Dichlorobenzene

Concen: 50.794 ng

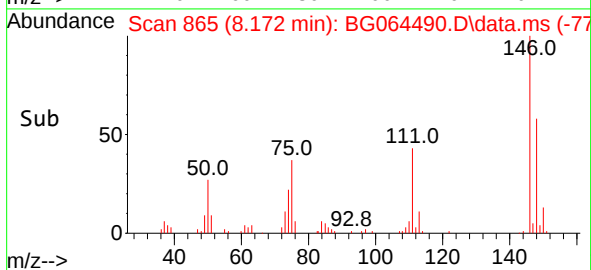
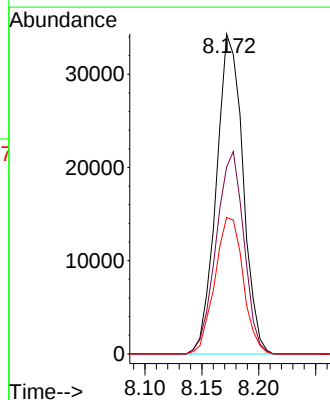
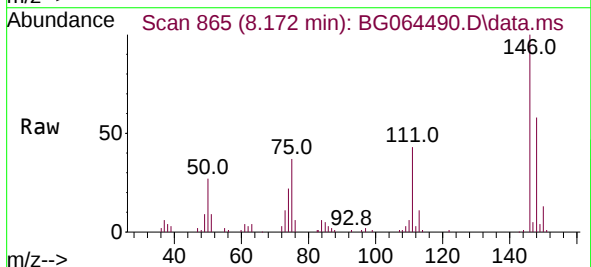
RT: 8.172 min Scan# 865

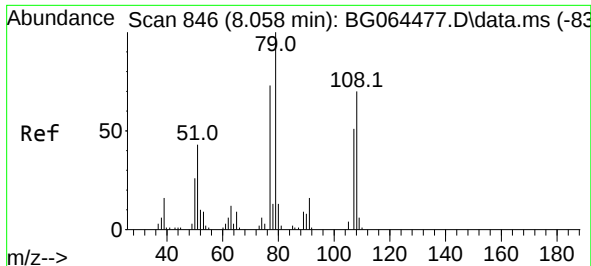
Delta R.T. -0.001 min

Lab File: BG064490.D

Acq: 3 Oct 2025 16:57

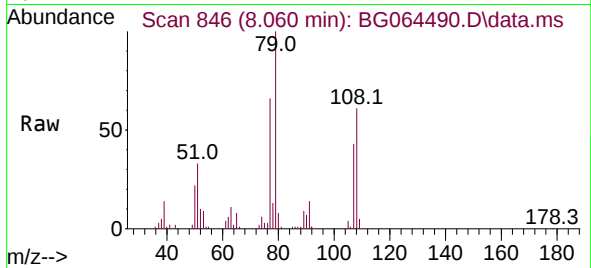
Tgt Ion:146 Resp: 55839  
 Ion Ratio Lower Upper  
 146 100  
 148 58.4 50.0 75.0  
 111 42.6 35.0 52.4





#15  
Benzyl Alcohol  
Concen: 54.492 ng  
RT: 8.060 min Scan# 846  
Delta R.T. 0.005 min  
Lab File: BG064490.D  
Acq: 3 Oct 2025 16:57

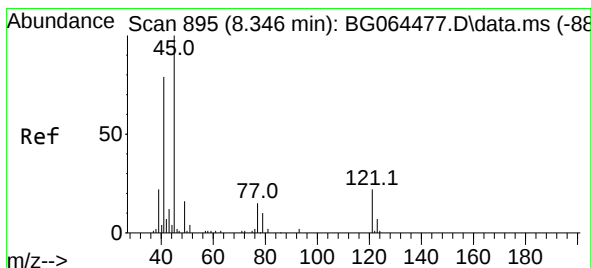
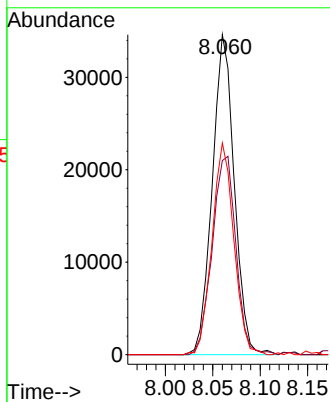
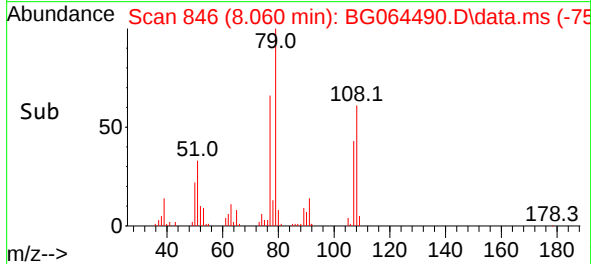
Instrument :  
BNA\_G  
ClientSampleId :  
PB169973BSD



Tgt Ion: 79 Resp: 55796  
Ion Ratio Lower Upper  
79 100  
108 60.6 56.4 84.6  
77 66.1 58.3 87.5

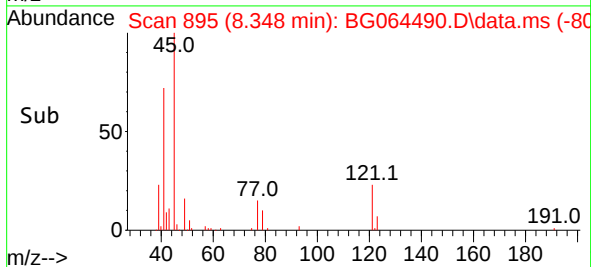
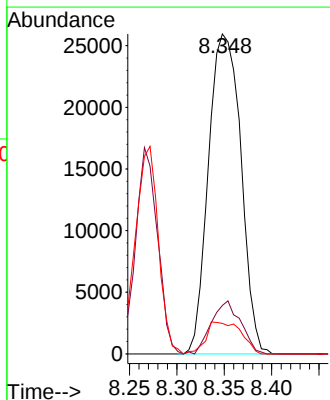
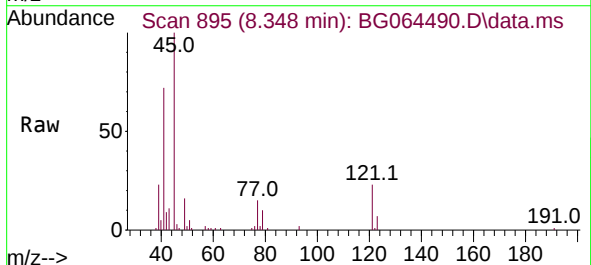
Manual Integrations  
APPROVED

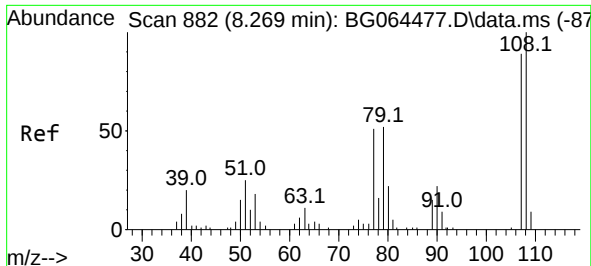
Reviewed By :Rahul Chavli 10/06/2025  
Supervised By :Jagrut Upadhyay 10/06/2025



#16  
2,2'-oxybis(1-Chloropropane)  
Concen: 48.266 ng  
RT: 8.348 min Scan# 895  
Delta R.T. 0.010 min  
Lab File: BG064490.D  
Acq: 3 Oct 2025 16:57

Tgt Ion: 45 Resp: 61797  
Ion Ratio Lower Upper  
45 100  
77 15.2 0.0 35.6  
79 9.5 0.0 30.7





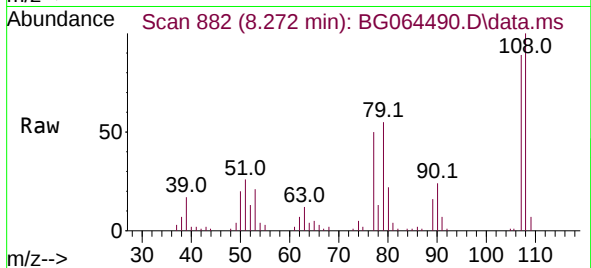
#17  
2-Methylphenol  
Concen: 54.952 ng  
RT: 8.272 min Scan# 882  
Delta R.T. 0.010 min  
Lab File: BG064490.D  
Acq: 3 Oct 2025 16:57

Instrument :

BNA\_G

ClientSampleId :

PB169973BSD



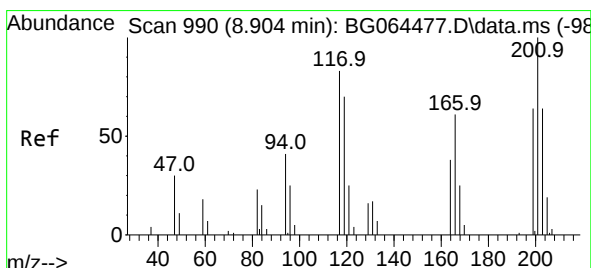
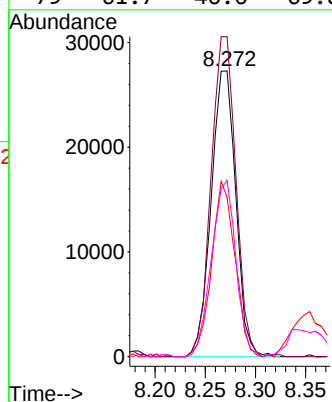
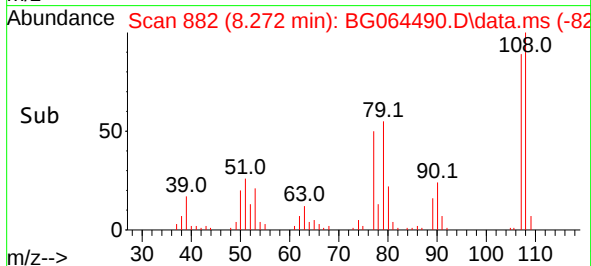
Tgt Ion:107 Resp: 46672  
Ion Ratio Lower Upper  
107 100  
108 112.0 90.3 135.5  
77 55.8 46.0 69.0  
79 61.7 46.6 69.8

Manual Integrations

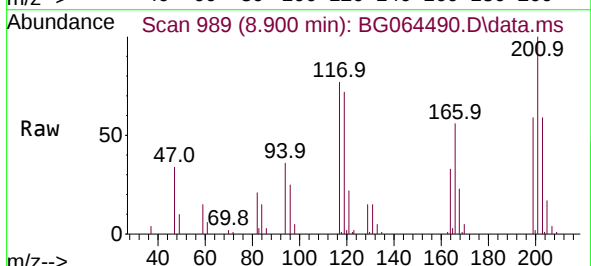
APPROVED

Reviewed By :Rahul Chavli 10/06/2025

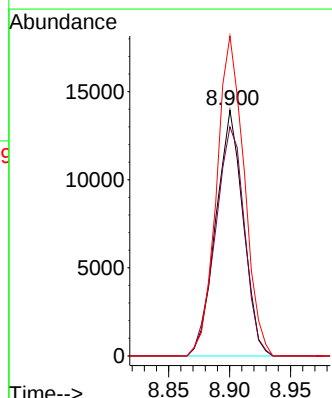
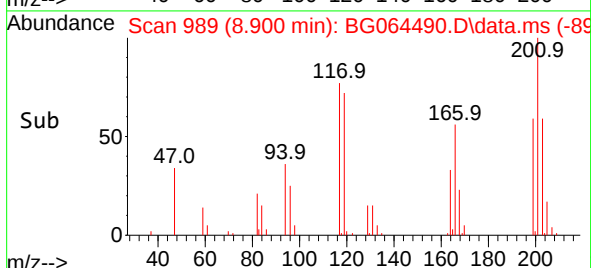
Supervised By :Jagrut Upadhyay 10/06/2025

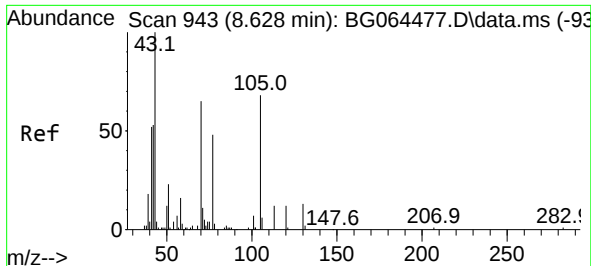


#18  
Hexachloroethane  
Concen: 49.321 ng  
RT: 8.900 min Scan# 989  
Delta R.T. 0.005 min  
Lab File: BG064490.D  
Acq: 3 Oct 2025 16:57



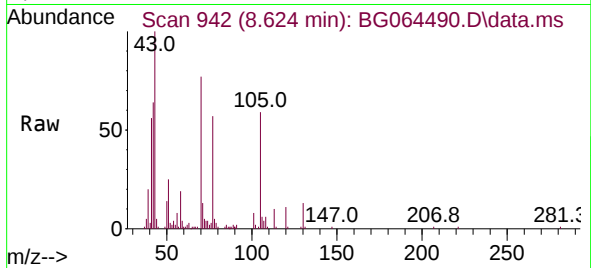
Tgt Ion:117 Resp: 21715  
Ion Ratio Lower Upper  
117 100  
119 91.9 67.4 101.0  
201 128.4 95.9 143.9





#19  
n-Nitroso-di-n-propylamine  
Concen: 52.398 ng  
RT: 8.624 min Scan# 943  
Delta R.T. 0.010 min  
Lab File: BG064490.D  
Acq: 3 Oct 2025 16:57

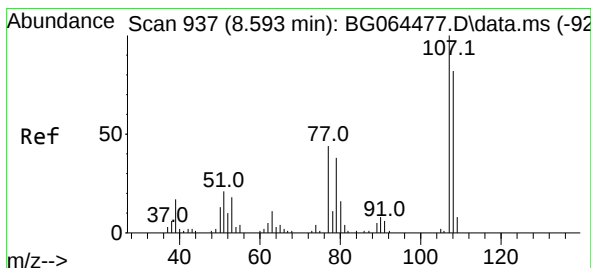
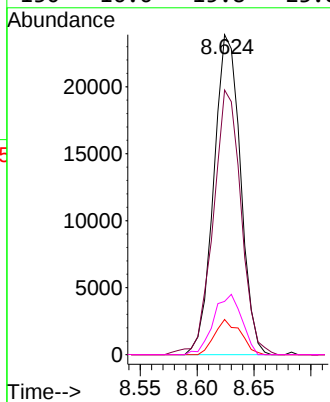
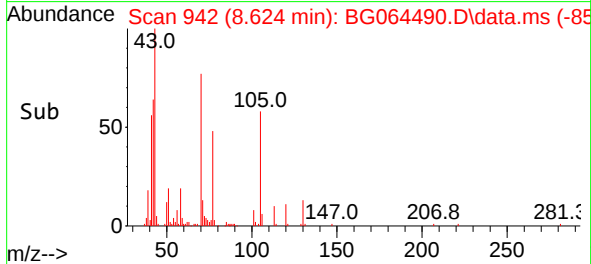
Instrument :  
BNA\_G  
ClientSampleId :  
PB169973BSD



Tgt Ion: 70 Resp: 38963  
Ion Ratio Lower Upper  
70 100  
42 82.7 64.9 97.3  
101 11.0 8.7 13.1  
130 16.6 15.8 23.8

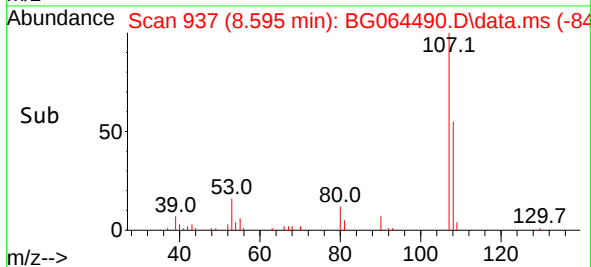
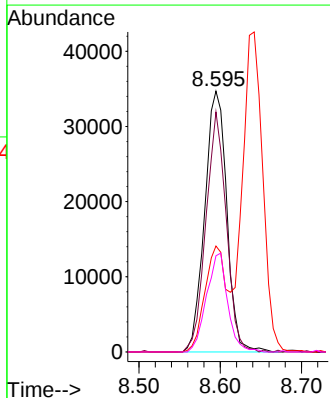
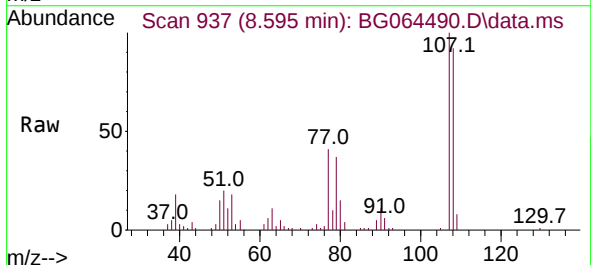
Manual Integrations  
APPROVED

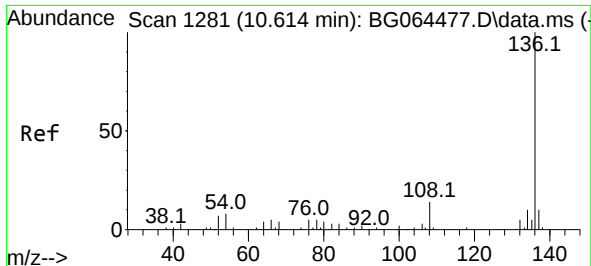
Reviewed By :Rahul Chavli 10/06/2025  
Supervised By :Jagrut Upadhyay 10/06/2025



#20  
3+4-Methylphenols  
Concen: 55.259 ng  
RT: 8.595 min Scan# 937  
Delta R.T. 0.005 min  
Lab File: BG064490.D  
Acq: 3 Oct 2025 16:57

Tgt Ion:107 Resp: 65493  
Ion Ratio Lower Upper  
107 100  
108 92.0 62.1 102.1  
77 40.6 23.5 63.5  
79 36.8 17.8 57.8





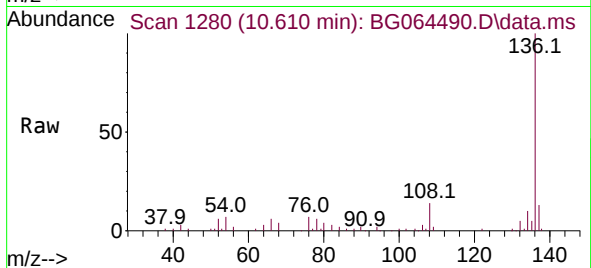
#21  
Naphthalene-d8  
Concen: 20.000 ng  
RT: 10.610 min Scan# 1281  
Delta R.T. 0.005 min  
Lab File: BG064490.D  
Acq: 3 Oct 2025 16:57

Instrument :

BNA\_G

ClientSampleId :

PB169973BSD



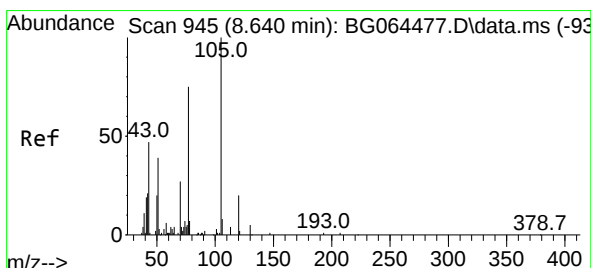
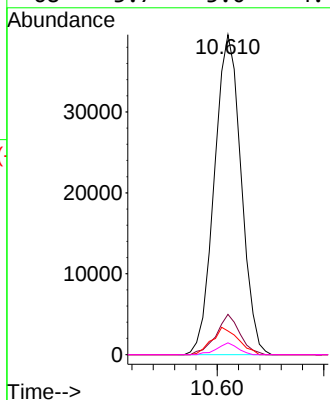
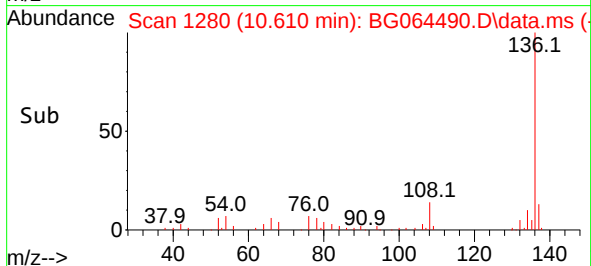
Tgt Ion:136 Resp: 68886  
Ion Ratio Lower Upper  
136 100  
137 12.6 8.3 12.5  
54 7.4 6.2 9.4  
68 3.7 3.0 4.4

Manual Integrations

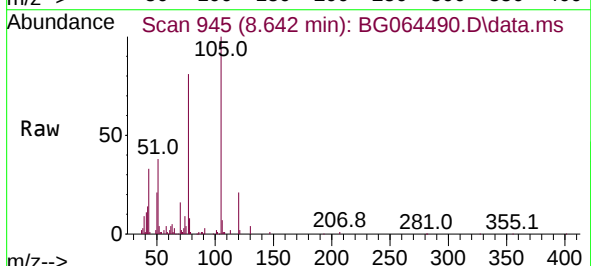
APPROVED

Reviewed By :Rahul Chavli 10/06/2025

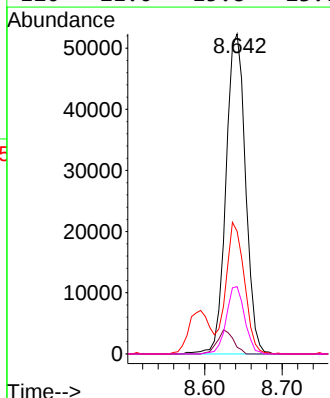
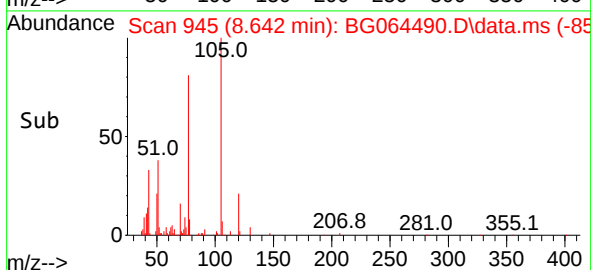
Supervised By :Jagrut Upadhyay 10/06/2025

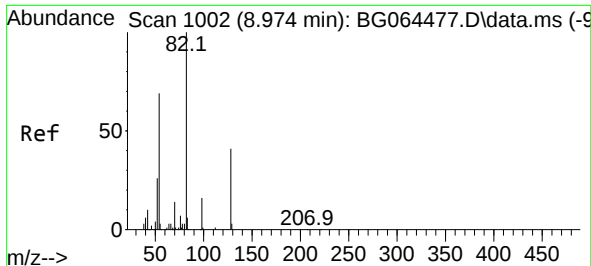


#22  
Acetophenone  
Concen: 54.885 ng  
RT: 8.642 min Scan# 945  
Delta R.T. 0.010 min  
Lab File: BG064490.D  
Acq: 3 Oct 2025 16:57



Tgt Ion:105 Resp: 91544  
Ion Ratio Lower Upper  
105 100  
71 2.1 2.8 4.2  
51 38.3 33.0 49.4  
120 21.0 15.8 23.6





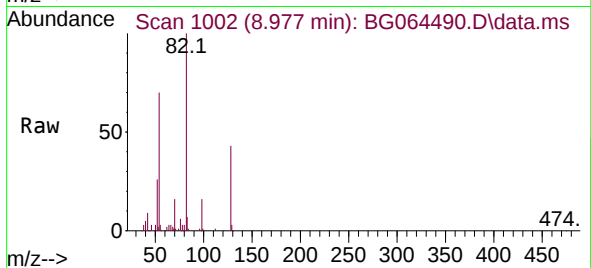
#23  
Nitrobenzene-d5  
Concen: 91.496 ng  
RT: 8.977 min Scan# 1002  
Delta R.T. 0.010 min  
Lab File: BG064490.D  
Acq: 3 Oct 2025 16:57

Instrument :

BNA\_G

ClientSampleId :

PB169973BSD



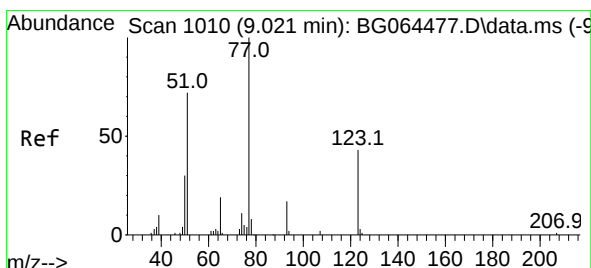
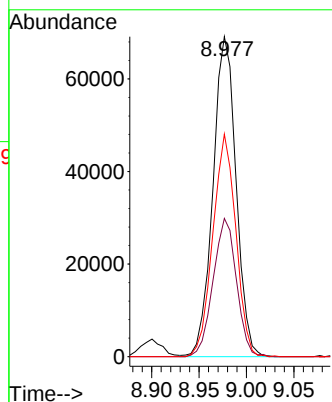
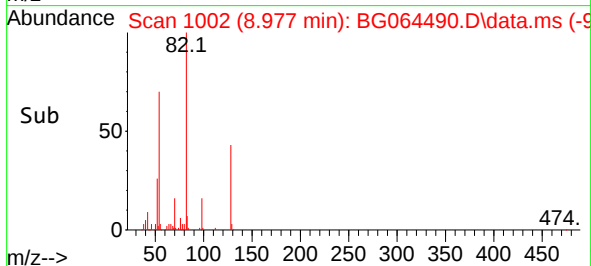
Tgt Ion: 82 Resp: 117218  
Ion Ratio Lower Upper  
82 100  
128 43.2 33.1 49.7  
54 69.6 55.4 83.2

Manual Integrations

APPROVED

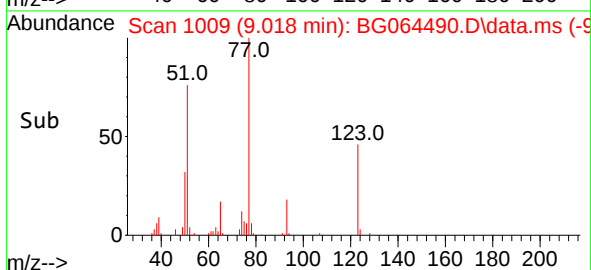
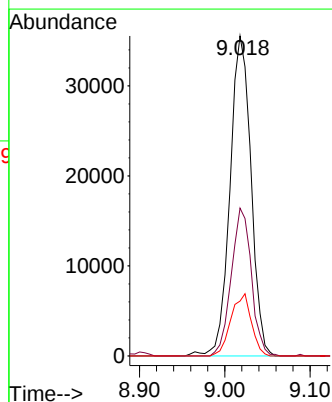
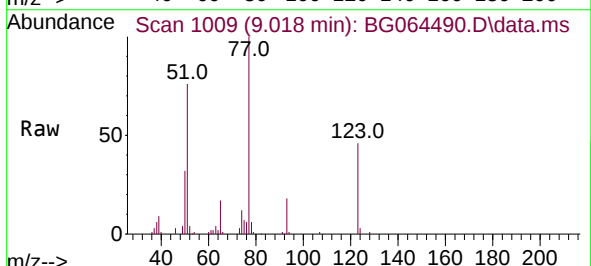
Reviewed By :Rahul Chavli 10/06/2025

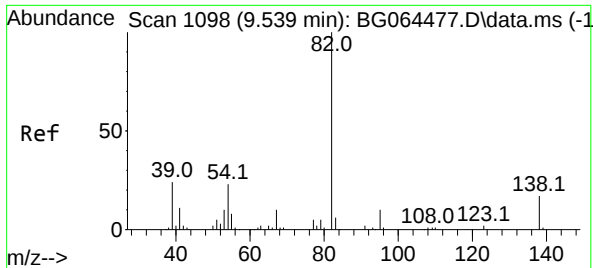
Supervised By :Jagrut Upadhyay 10/06/2025



#24  
Nitrobenzene  
Concen: 47.607 ng  
RT: 9.018 min Scan# 1009  
Delta R.T. 0.005 min  
Lab File: BG064490.D  
Acq: 3 Oct 2025 16:57

Tgt Ion: 77 Resp: 60821  
Ion Ratio Lower Upper  
77 100  
123 46.2 34.4 51.6  
65 17.1 14.8 22.2





#25  
Isophorone  
Concen: 47.697 ng  
RT: 9.541 min Scan# 1098  
Delta R.T. 0.010 min  
Lab File: BG064490.D  
Acq: 3 Oct 2025 16:57

Instrument :

BNA\_G

ClientSampleId :

PB169973BSD

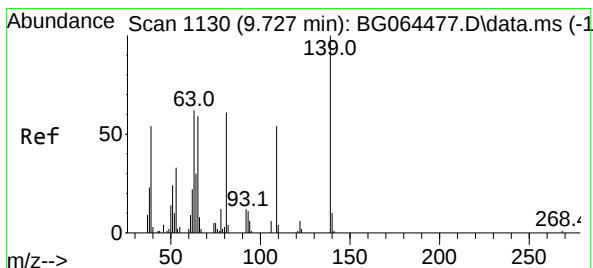
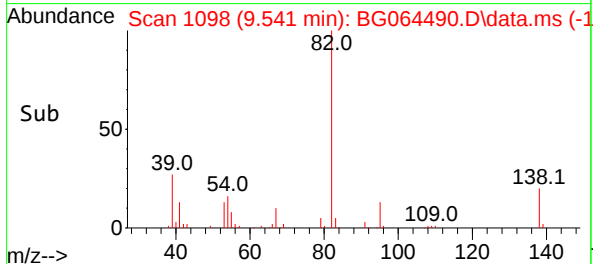
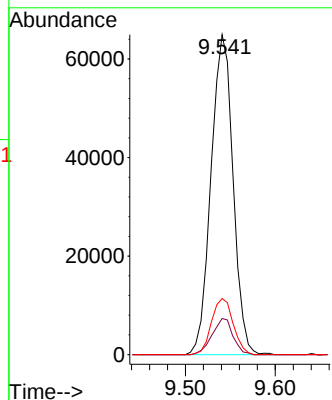
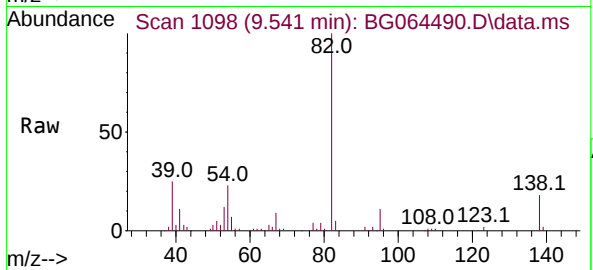
Tgt Ion: 82 Resp: 110698  
Ion Ratio Lower Upper  
82 100  
95 11.3 7.8 11.8  
138 17.5 13.8 20.6

Manual Integrations

APPROVED

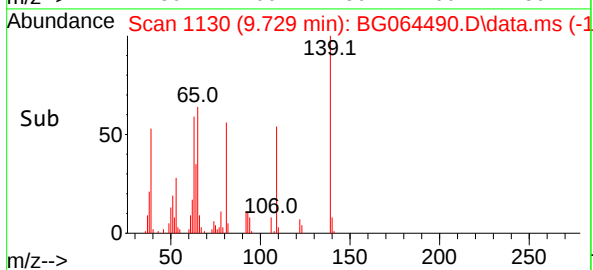
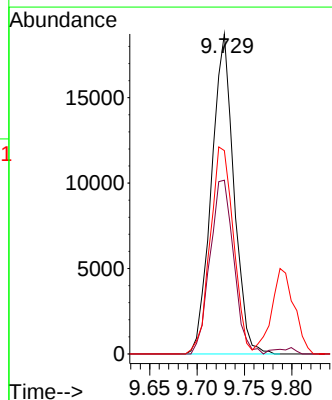
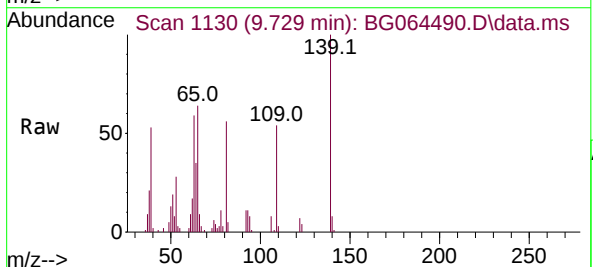
Reviewed By :Rahul Chavli 10/06/2025

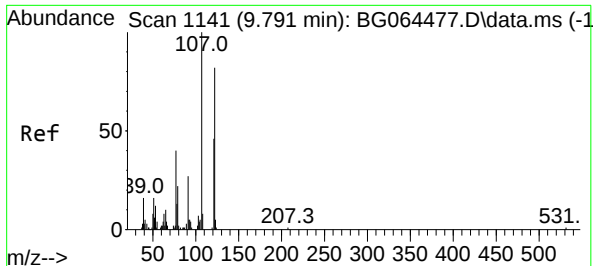
Supervised By :Jagrut Upadhyay 10/06/2025



#26  
2-Nitrophenol  
Concen: 48.432 ng  
RT: 9.729 min Scan# 1130  
Delta R.T. 0.010 min  
Lab File: BG064490.D  
Acq: 3 Oct 2025 16:57

Tgt Ion:139 Resp: 30795  
Ion Ratio Lower Upper  
139 100  
109 54.3 43.0 64.6  
65 63.5 47.4 71.2





#27  
2,4-Dimethylphenol  
Concen: 56.953 ng  
RT: 9.793 min Scan# 1141  
Delta R.T. 0.010 min  
Lab File: BG064490.D  
Acq: 3 Oct 2025 16:57

Instrument :

BNA\_G

ClientSampleId :

PB169973BSD

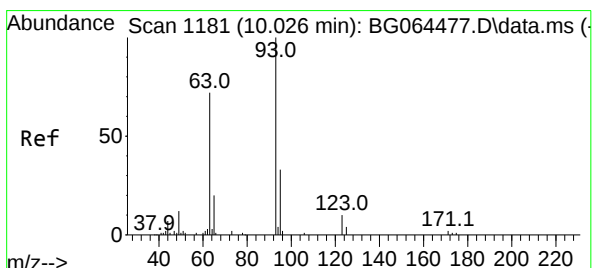
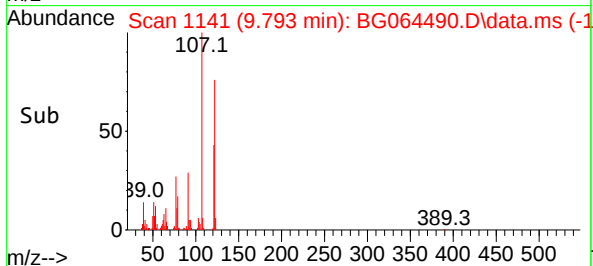
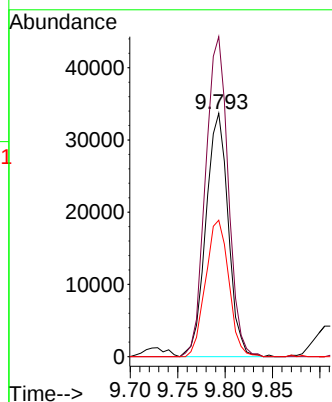
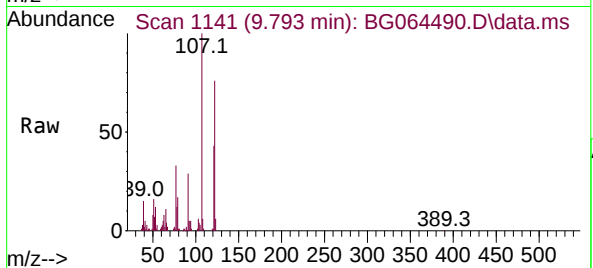
Tgt Ion:122 Resp: 55310  
Ion Ratio Lower Upper  
122 100  
107 131.5 98.3 147.5  
121 56.1 44.7 67.1

Manual Integrations

APPROVED

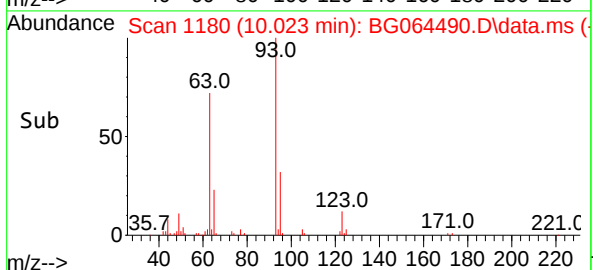
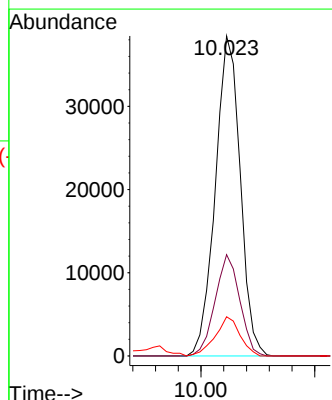
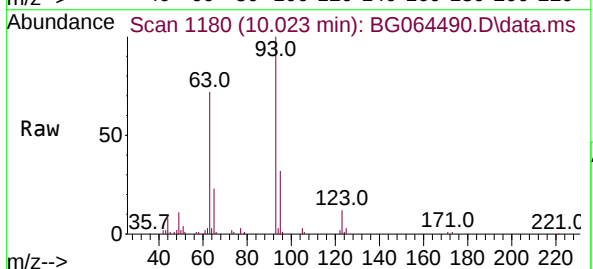
Reviewed By :Rahul Chavli 10/06/2025

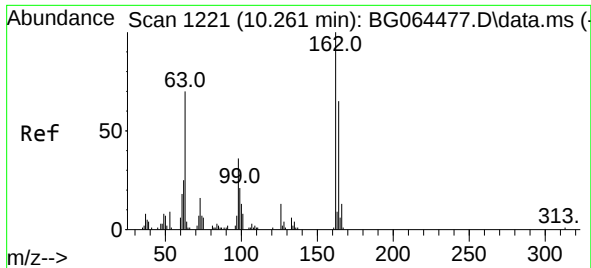
Supervised By :Jagrut Upadhyay 10/06/2025



#28  
bis(2-Chloroethoxy)methane  
Concen: 49.333 ng  
RT: 10.023 min Scan# 1180  
Delta R.T. 0.005 min  
Lab File: BG064490.D  
Acq: 3 Oct 2025 16:57

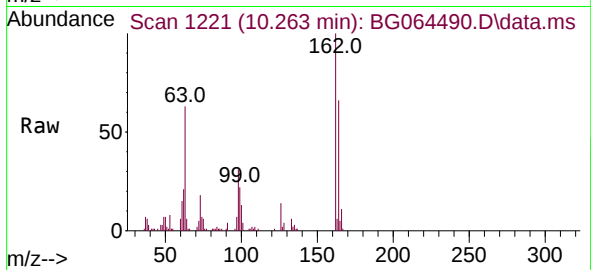
Tgt Ion: 93 Resp: 58363  
Ion Ratio Lower Upper  
93 100  
95 31.6 26.5 39.7  
123 12.2 8.9 13.3





#29  
2,4-Dichlorophenol  
Concen: 52.643 ng  
RT: 10.263 min Scan# 1221  
Delta R.T. 0.005 min  
Lab File: BG064490.D  
Acq: 3 Oct 2025 16:57

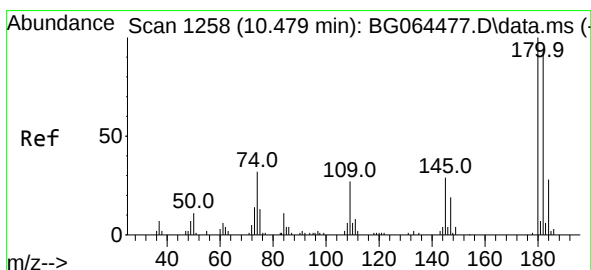
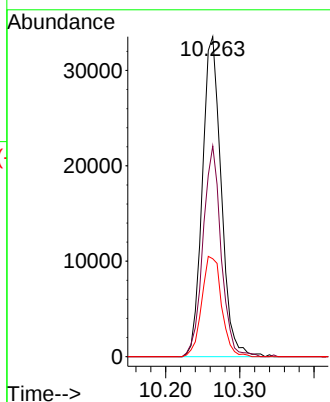
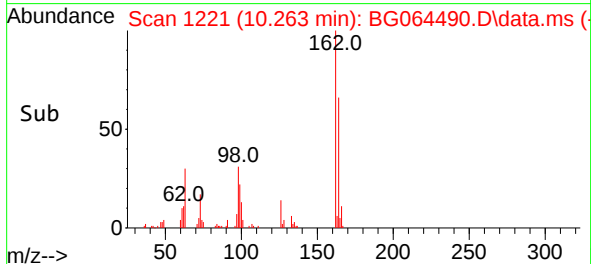
Instrument :  
BNA\_G  
ClientSampleId :  
PB169973BSD



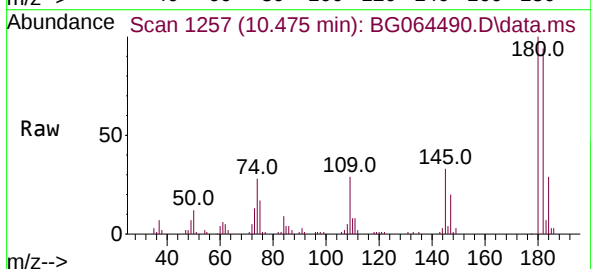
Tgt Ion:162 Resp: 59120  
Ion Ratio Lower Upper  
162 100  
164 65.8 45.4 85.4  
98 30.6 16.4 56.4

Manual Integrations  
APPROVED

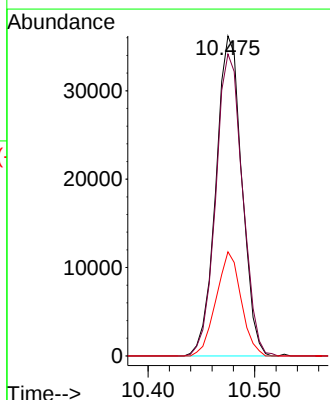
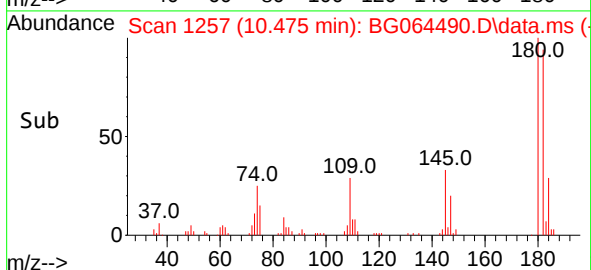
Reviewed By :Rahul Chavli 10/06/2025  
Supervised By :Jagrut Upadhyay 10/06/2025

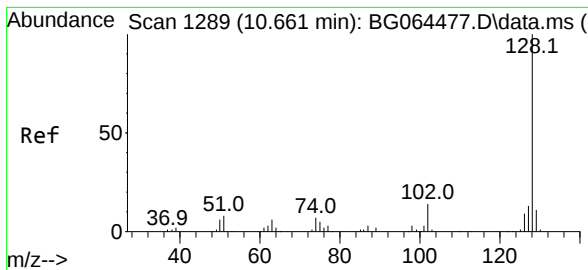


#30  
1,2,4-Trichlorobenzene  
Concen: 50.056 ng  
RT: 10.475 min Scan# 1257  
Delta R.T. 0.005 min  
Lab File: BG064490.D  
Acq: 3 Oct 2025 16:57



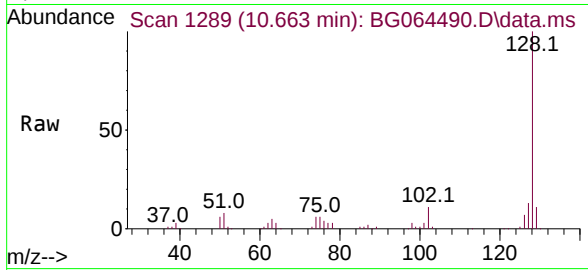
Tgt Ion:180 Resp: 61294  
Ion Ratio Lower Upper  
180 100  
182 94.3 75.4 113.2  
145 32.5 23.2 34.8





#31  
Naphthalene  
Concen: 48.456 ng  
RT: 10.663 min Scan# 1289  
Delta R.T. 0.010 min  
Lab File: BG064490.D  
Acq: 3 Oct 2025 16:57

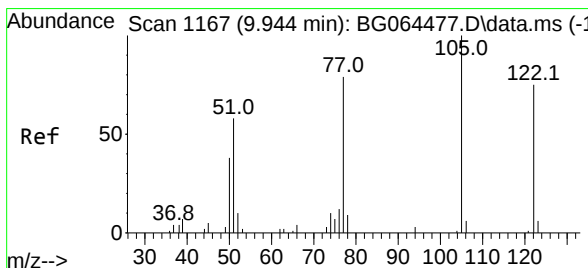
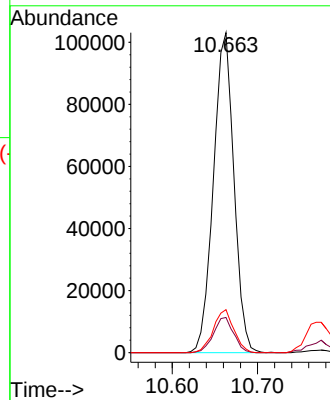
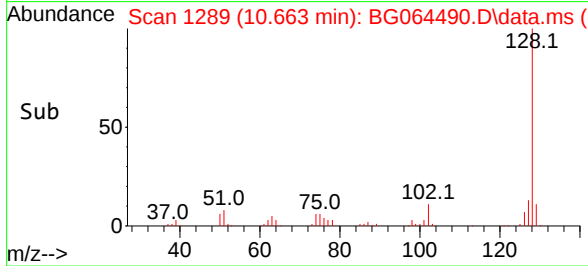
Instrument :  
BNA\_G  
ClientSampleId :  
PB169973BSD



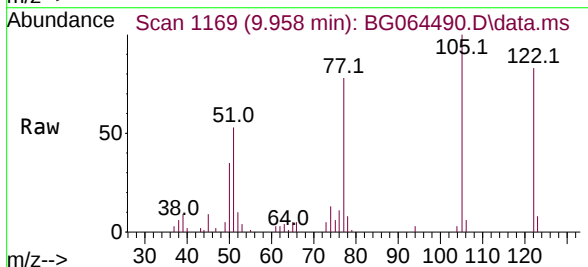
Tgt Ion:128 Resp: 171886  
Ion Ratio Lower Upper  
128 100  
129 11.0 8.7 13.1  
127 13.4 10.2 15.2

Manual Integrations  
APPROVED

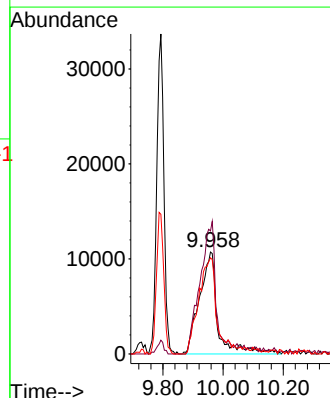
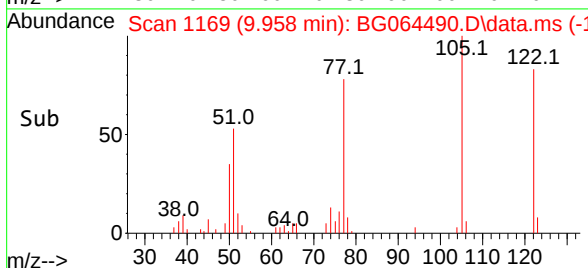
Reviewed By :Rahul Chavli 10/06/2025  
Supervised By :Jagrut Upadhyay 10/06/2025

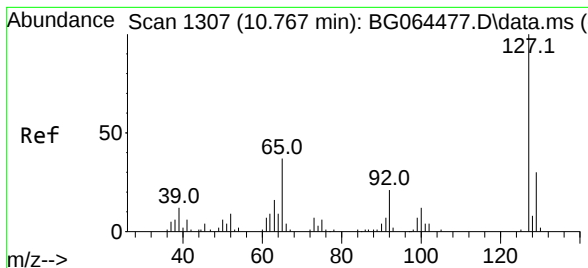


#32  
Benzoic acid  
Concen: 60.300 ng m  
RT: 9.958 min Scan# 1169  
Delta R.T. 0.069 min  
Lab File: BG064490.D  
Acq: 3 Oct 2025 16:57



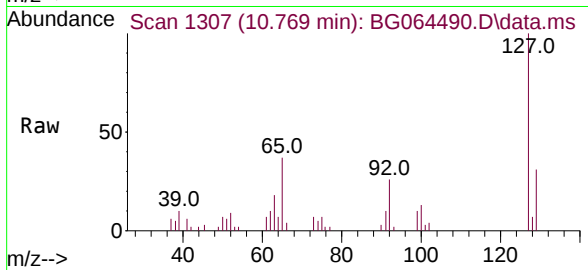
Tgt Ion:122 Resp: 44961  
Ion Ratio Lower Upper  
122 100  
105 120.7 113.9 153.9  
77 94.2 86.1 126.1





#33  
4-Chloroaniline  
Concen: 15.203 ng  
RT: 10.769 min Scan# 1307  
Delta R.T. 0.005 min  
Lab File: BG064490.D  
Acq: 3 Oct 2025 16:57

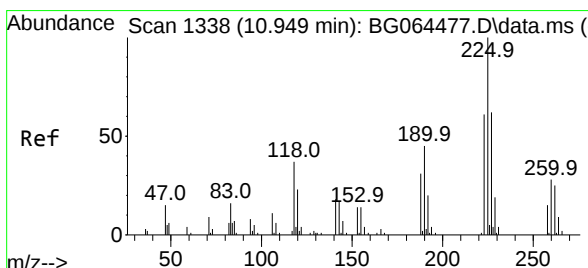
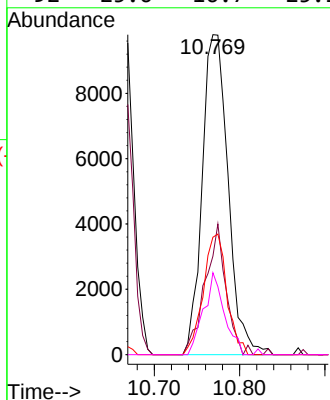
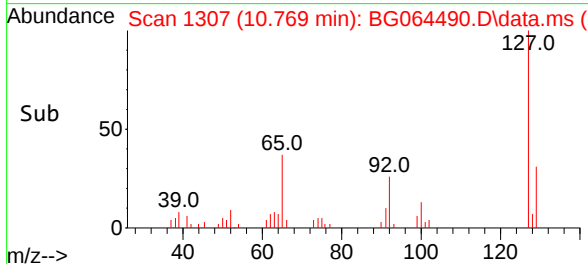
Instrument :  
BNA\_G  
ClientSampleId :  
PB169973BSD



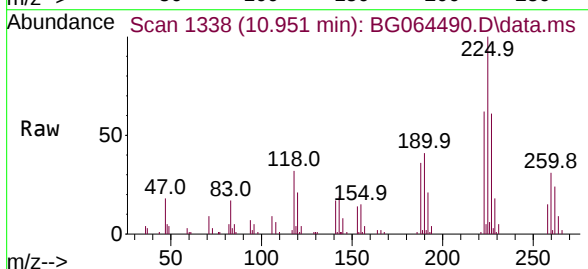
Tgt Ion:127 Resp: 20695  
Ion Ratio Lower Upper  
127 100  
129 30.8 24.2 36.4  
65 36.7 29.6 44.4  
92 25.6 16.7 25.1#

Manual Integrations  
APPROVED

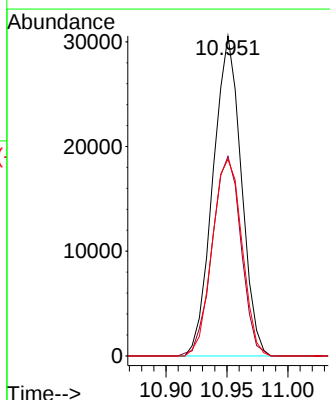
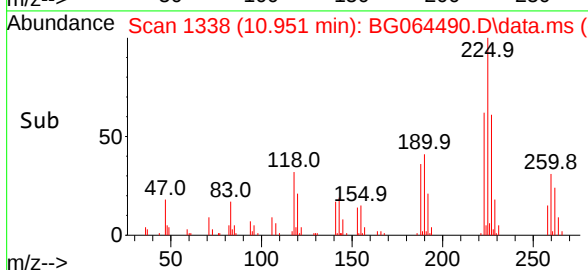
Reviewed By :Rahul Chavli 10/06/2025  
Supervised By :Jagrut Upadhyay 10/06/2025

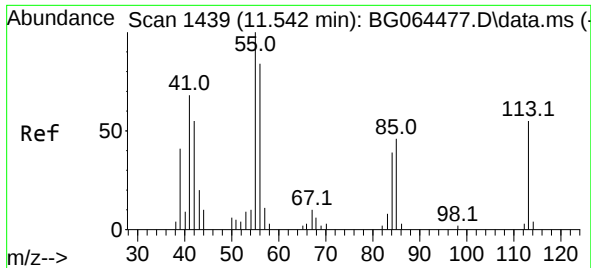


#34  
Hexachlorobutadiene  
Concen: 46.959 ng  
RT: 10.951 min Scan# 1338  
Delta R.T. 0.005 min  
Lab File: BG064490.D  
Acq: 3 Oct 2025 16:57



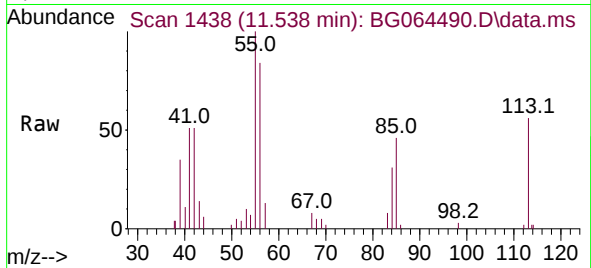
Tgt Ion:225 Resp: 49245  
Ion Ratio Lower Upper  
225 100  
223 62.3 49.0 73.6  
227 61.4 49.9 74.9





#35  
 Caprolactam  
 Concen: 50.120 ng m  
 RT: 11.538 min Scan# 1439  
 Delta R.T. 0.028 min  
 Lab File: BG064490.D  
 Acq: 3 Oct 2025 16:57

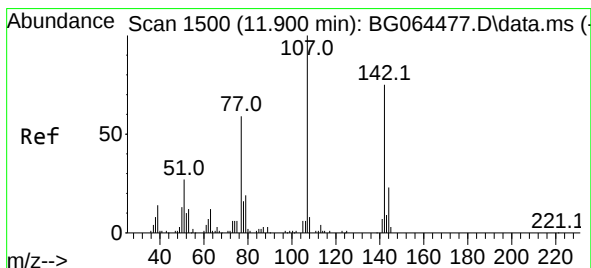
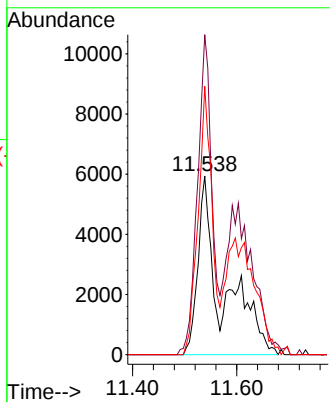
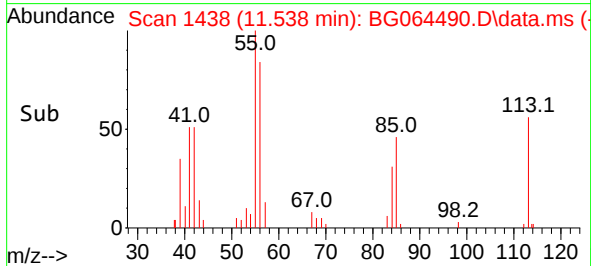
Instrument :  
 BNA\_G  
 ClientSampleId :  
 PB169973BSD



Tgt Ion:113 Resp: 19269  
 Ion Ratio Lower Upper  
 113 100  
 55 179.1 162.0 202.0  
 56 150.1 134.6 174.6

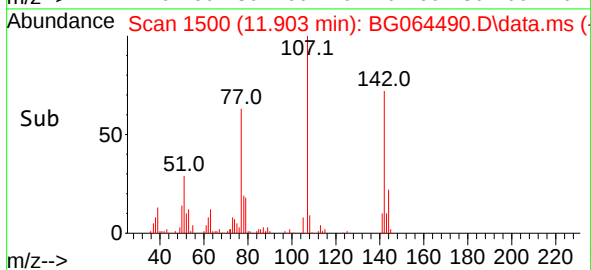
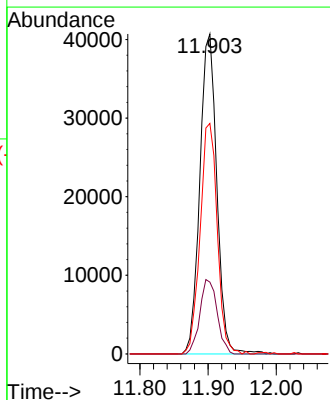
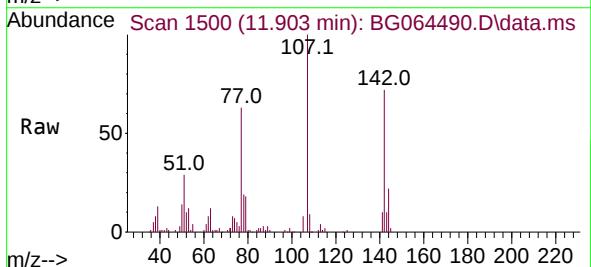
Manual Integrations  
 APPROVED

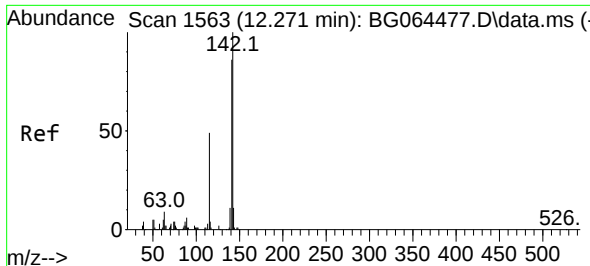
Reviewed By :Rahul Chavli 10/06/2025  
 Supervised By :Jagrut Upadhyay 10/06/2025



#36  
 4-Chloro-3-methylphenol  
 Concen: 51.566 ng  
 RT: 11.903 min Scan# 1500  
 Delta R.T. 0.010 min  
 Lab File: BG064490.D  
 Acq: 3 Oct 2025 16:57

Tgt Ion:107 Resp: 70424  
 Ion Ratio Lower Upper  
 107 100  
 144 22.4 18.7 28.1  
 142 72.0 60.2 90.2





#37

2-Methylnaphthalene

Concen: 44.505 ng

RT: 12.273 min Scan# 1563

Delta R.T. 0.005 min

Lab File: BG064490.D

Acq: 3 Oct 2025 16:57

Instrument :

BNA\_G

ClientSampleId :

PB169973BSD

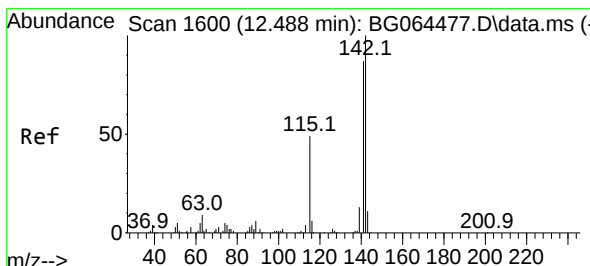
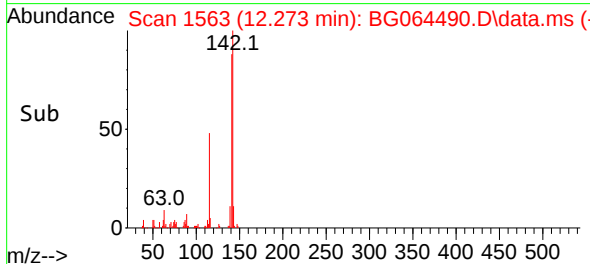
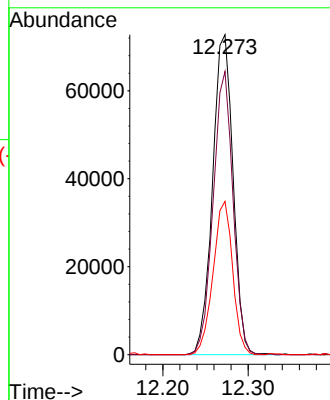
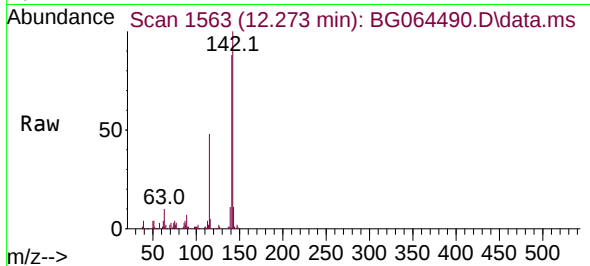
|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 142   | Resp: | 121185 |
| Ion Ratio | Lower | Upper |        |
| 142       | 100   |       |        |
| 141       | 88.5  | 68.7  | 103.1  |
| 115       | 47.9  | 39.3  | 58.9   |

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 10/06/2025

Supervised By :Jagrut Upadhyay 10/06/2025



#38

1-Methylnaphthalene

Concen: 46.659 ng

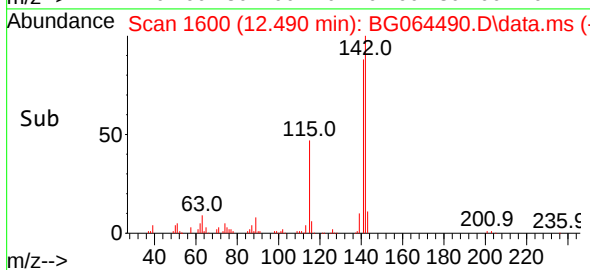
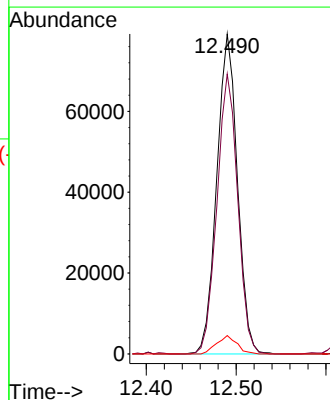
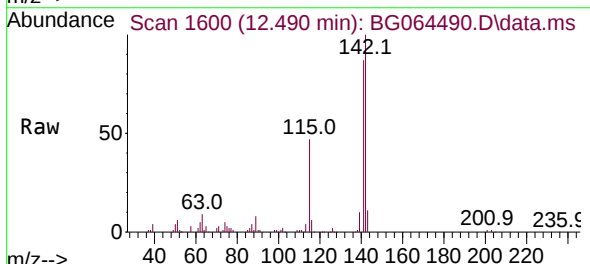
RT: 12.490 min Scan# 1600

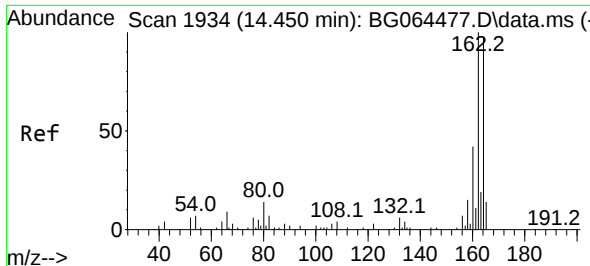
Delta R.T. 0.005 min

Lab File: BG064490.D

Acq: 3 Oct 2025 16:57

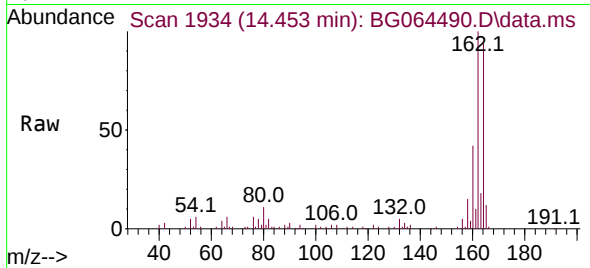
|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 142   | Resp: | 126687 |
| Ion Ratio | Lower | Upper |        |
| 142       | 100   |       |        |
| 141       | 87.5  | 69.8  | 104.8  |
| 116       | 5.7   | 4.6   | 6.8    |





#39  
Acenaphthene-d10  
Concen: 20.000 ng  
RT: 14.453 min Scan# 1934  
Delta R.T. 0.005 min  
Lab File: BG064490.D  
Acq: 3 Oct 2025 16:57

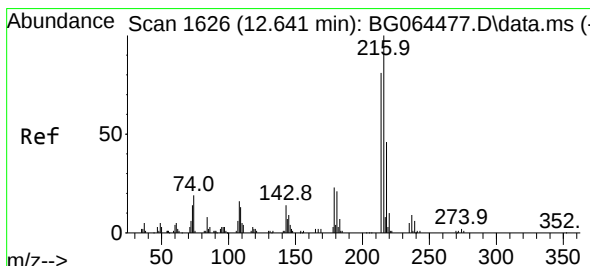
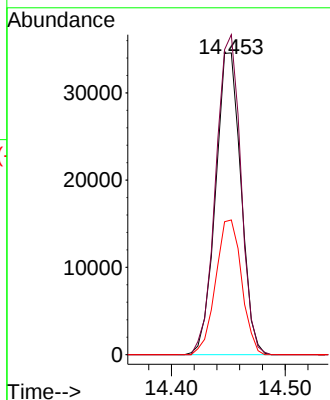
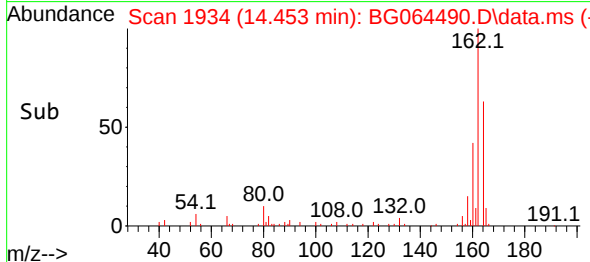
Instrument :  
BNA\_G  
ClientSampleId :  
PB169973BSD



Tgt Ion:164 Resp: 53563  
Ion Ratio Lower Upper  
164 100  
162 106.1 82.2 123.2  
160 44.6 34.3 51.5

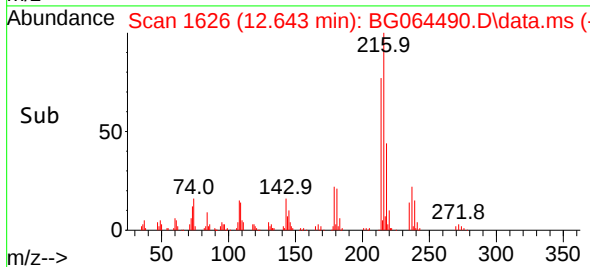
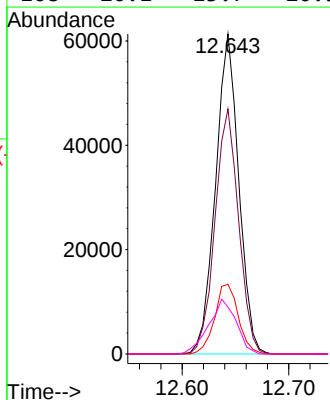
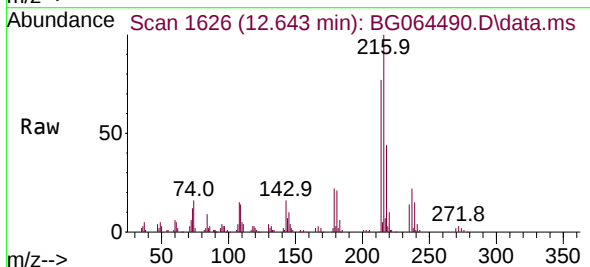
Manual Integrations  
APPROVED

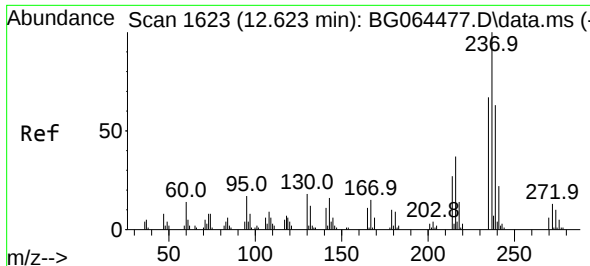
Reviewed By :Rahul Chavli 10/06/2025  
Supervised By :Jagrut Upadhyay 10/06/2025



#40  
1,2,4,5-Tetrachlorobenzene  
Concen: 53.737 ng  
RT: 12.643 min Scan# 1626  
Delta R.T. 0.005 min  
Lab File: BG064490.D  
Acq: 3 Oct 2025 16:57

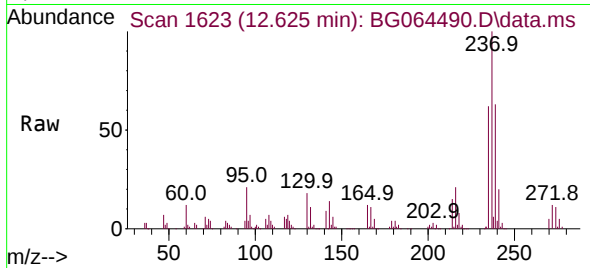
Tgt Ion:216 Resp: 92935  
Ion Ratio Lower Upper  
216 100  
214 77.7 62.5 93.7  
179 22.2 17.0 25.6  
108 20.1 13.7 20.5





#41  
Hexachlorocyclopentadiene  
Concen: 136.260 ng  
RT: 12.625 min Scan# 1623  
Delta R.T. 0.005 min  
Lab File: BG064490.D  
Acq: 3 Oct 2025 16:57

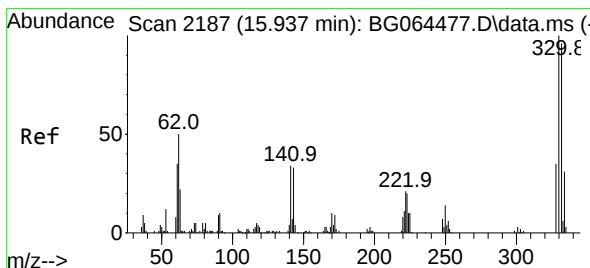
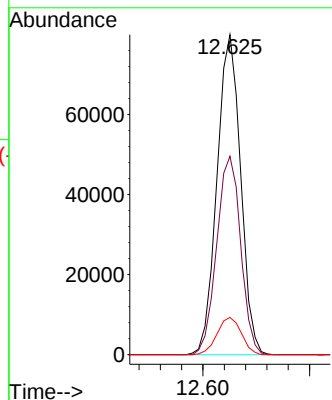
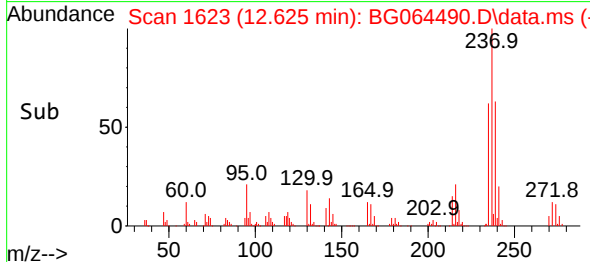
Instrument :  
BNA\_G  
ClientSampleId :  
PB169973BSD



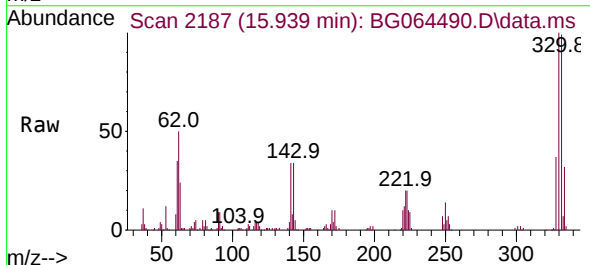
Tgt Ion:237 Resp: 123269  
Ion Ratio Lower Upper  
237 100  
235 62.0 46.9 86.9  
272 11.6 0.0 32.6

Manual Integrations  
APPROVED

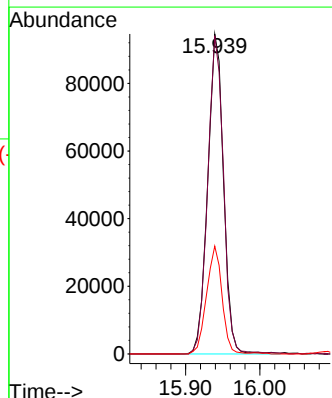
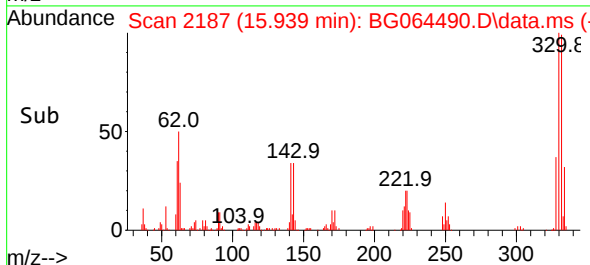
Reviewed By :Rahul Chavli 10/06/2025  
Supervised By :Jagrut Upadhyay 10/06/2025

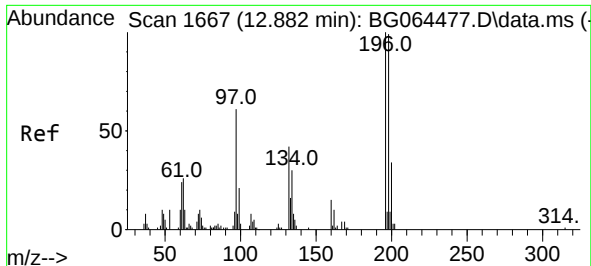


#42  
2,4,6-Tribromophenol  
Concen: 144.412 ng  
RT: 15.939 min Scan# 2187  
Delta R.T. 0.005 min  
Lab File: BG064490.D  
Acq: 3 Oct 2025 16:57



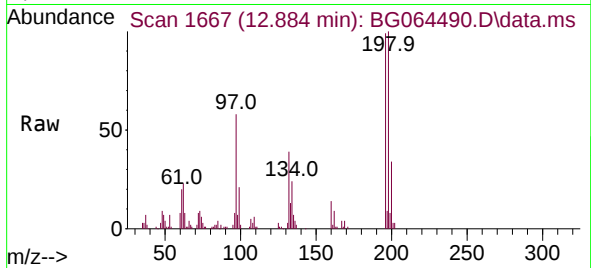
Tgt Ion:330 Resp: 140210  
Ion Ratio Lower Upper  
330 100  
332 99.1 77.4 116.0  
141 32.8 25.8 38.6





#43  
2,4,6-Trichlorophenol  
Concen: 51.908 ng  
RT: 12.884 min Scan# 1667  
Delta R.T. 0.005 min  
Lab File: BG064490.D  
Acq: 3 Oct 2025 16:57

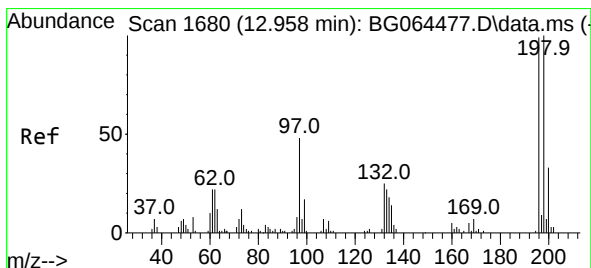
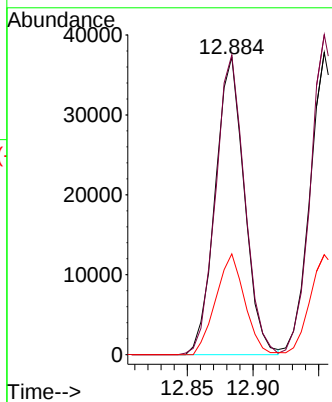
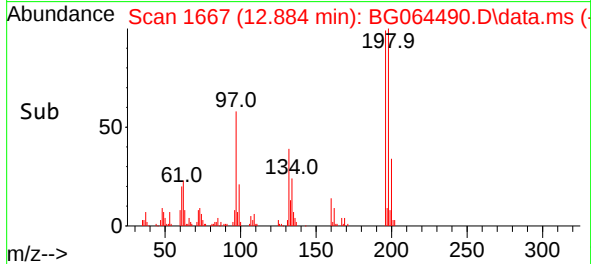
Instrument :  
BNA\_G  
ClientSampleId :  
PB169973BSD



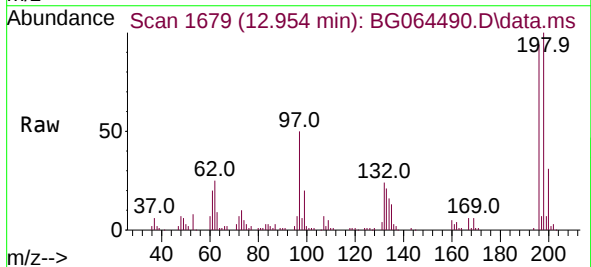
Tgt Ion:196 Resp: 57388  
Ion Ratio Lower Upper  
196 100  
198 100.7 79.3 118.9  
200 33.8 27.4 41.2

Manual Integrations  
APPROVED

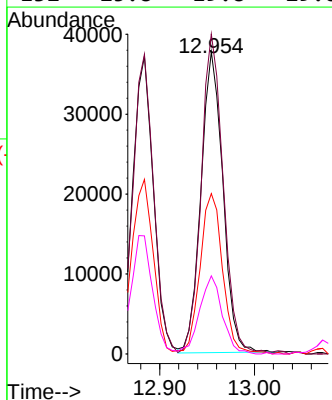
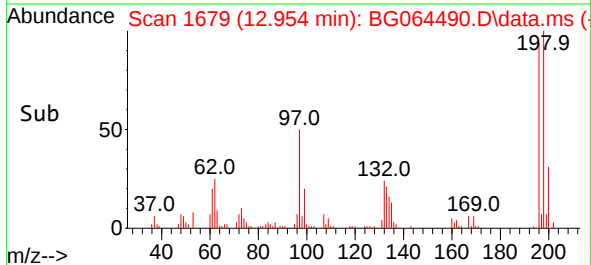
Reviewed By :Rahul Chavli 10/06/2025  
Supervised By :Jagrut Upadhyay 10/06/2025

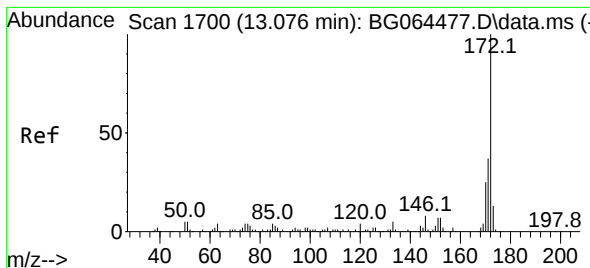


#44  
2,4,5-Trichlorophenol  
Concen: 49.008 ng  
RT: 12.954 min Scan# 1679  
Delta R.T. -0.001 min  
Lab File: BG064490.D  
Acq: 3 Oct 2025 16:57



Tgt Ion:196 Resp: 60489  
Ion Ratio Lower Upper  
196 100  
198 105.9 80.3 120.5  
97 53.0 39.4 59.0  
132 25.8 19.8 29.8





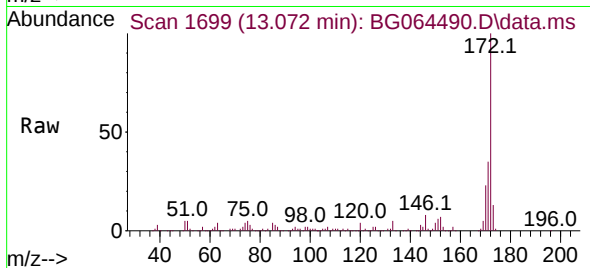
#45  
2-Fluorobiphenyl  
Concen: 90.288 ng  
RT: 13.072 min Scan# 1699  
Delta R.T. 0.005 min  
Lab File: BG064490.D  
Acq: 3 Oct 2025 16:57

Instrument :

BNA\_G

ClientSampleId :

PB169973BSD



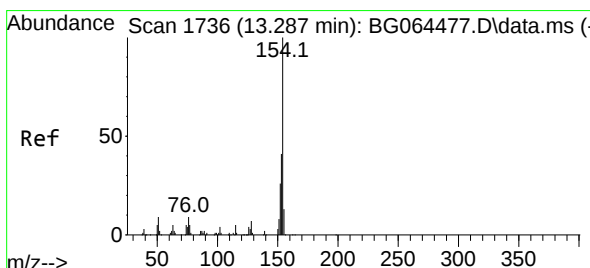
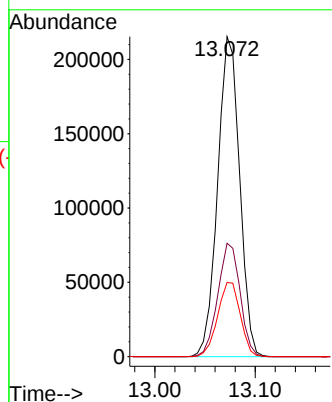
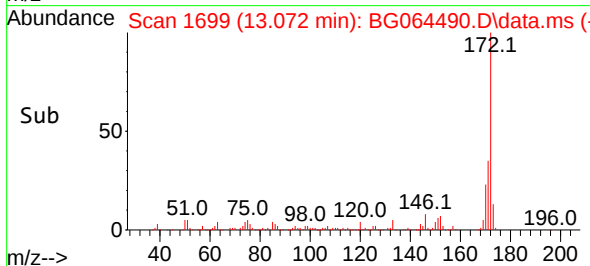
Tgt Ion:172 Resp: 328094  
Ion Ratio Lower Upper  
172 100  
171 35.4 29.6 44.4  
170 23.2 20.2 30.2

Manual Integrations

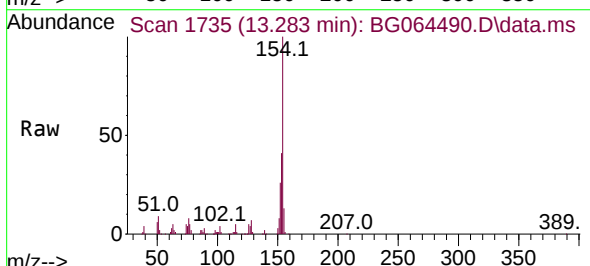
APPROVED

Reviewed By :Rahul Chavli 10/06/2025

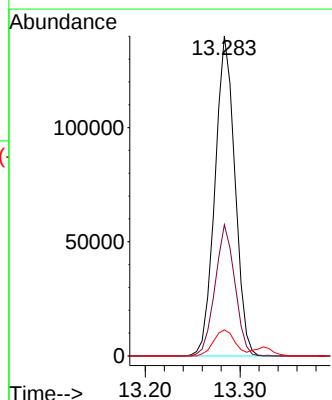
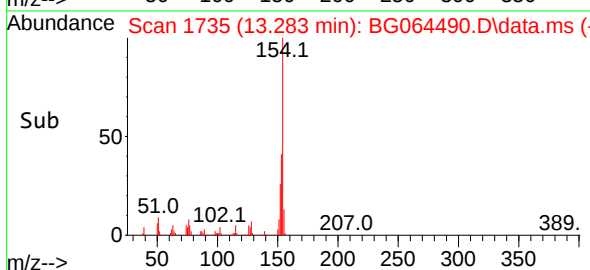
Supervised By :Jagrut Upadhyay 10/06/2025

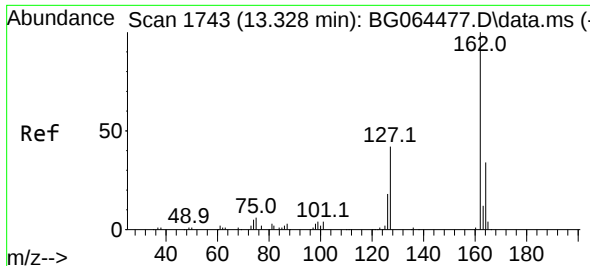


#46  
1,1'-Biphenyl  
Concen: 53.183 ng  
RT: 13.283 min Scan# 1735  
Delta R.T. 0.005 min  
Lab File: BG064490.D  
Acq: 3 Oct 2025 16:57



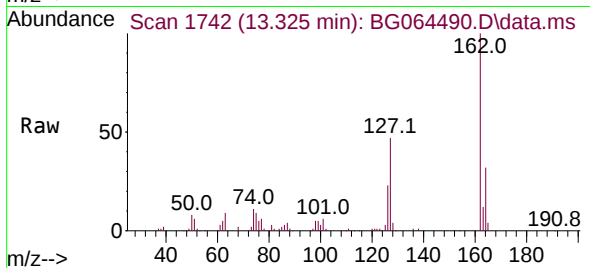
Tgt Ion:154 Resp: 204884  
Ion Ratio Lower Upper  
154 100  
153 41.0 20.7 60.7  
76 8.1 0.0 29.3





#47  
2-Chloronaphthalene  
Concen: 47.440 ng  
RT: 13.325 min Scan# 1743  
Delta R.T. 0.005 min  
Lab File: BG064490.D  
Acq: 3 Oct 2025 16:57

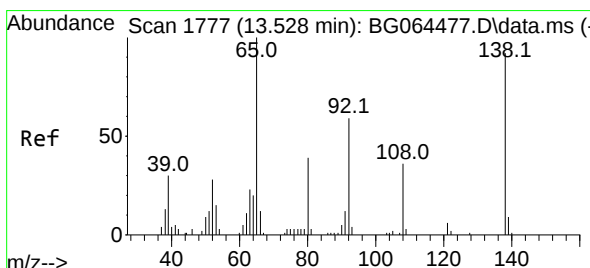
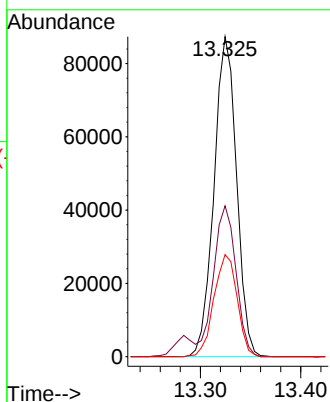
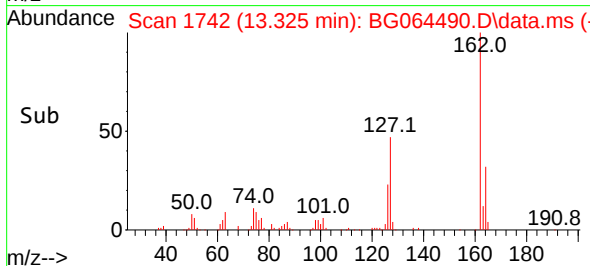
Instrument :  
BNA\_G  
ClientSampleId :  
PB169973BSD



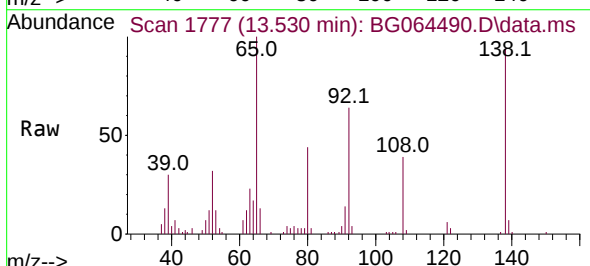
Tgt Ion:162 Resp: 136452  
Ion Ratio Lower Upper  
162 100  
127 47.1 35.8 53.8  
164 31.9 27.2 40.8

Manual Integrations  
APPROVED

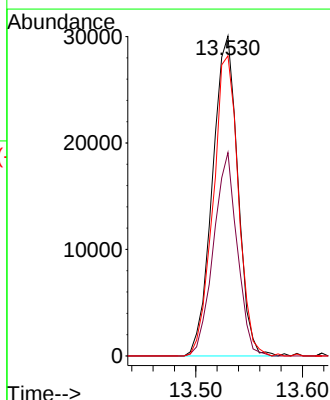
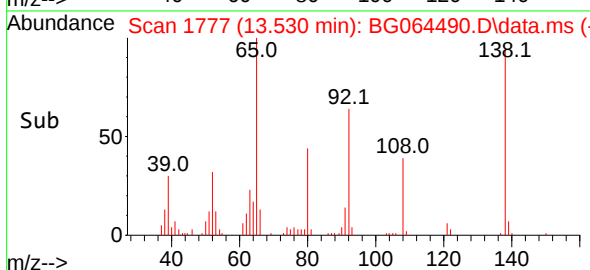
Reviewed By :Rahul Chavli 10/06/2025  
Supervised By :Jagrut Upadhyay 10/06/2025

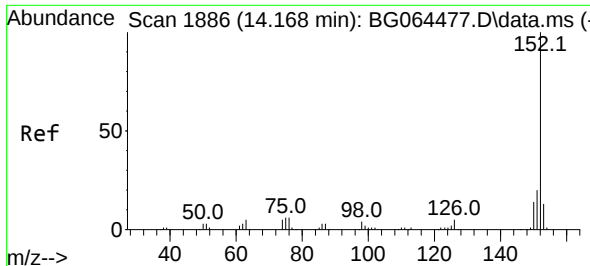


#48  
2-Nitroaniline  
Concen: 50.563 ng  
RT: 13.530 min Scan# 1777  
Delta R.T. 0.005 min  
Lab File: BG064490.D  
Acq: 3 Oct 2025 16:57



Tgt Ion: 65 Resp: 49637  
Ion Ratio Lower Upper  
65 100  
92 63.5 47.0 70.6  
138 93.8 73.5 110.3





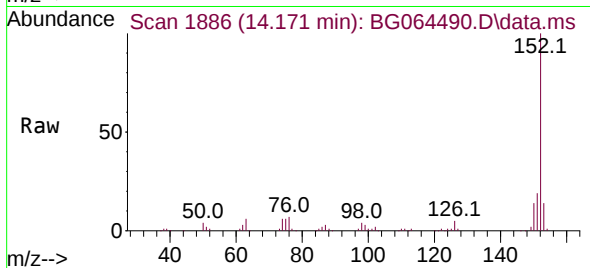
#49  
Acenaphthylene  
Concen: 55.463 ng  
RT: 14.171 min Scan# 1886  
Delta R.T. -0.001 min  
Lab File: BG064490.D  
Acq: 3 Oct 2025 16:57

Instrument :

BNA\_G

ClientSampleId :

PB169973BSD



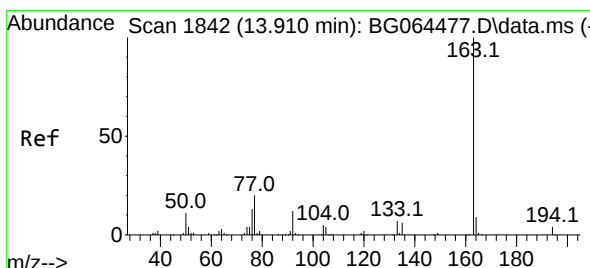
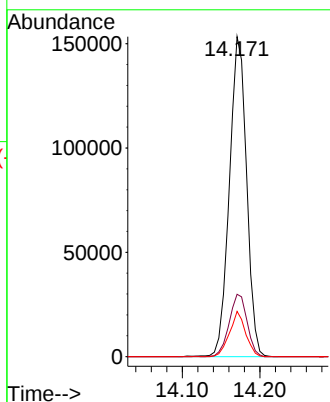
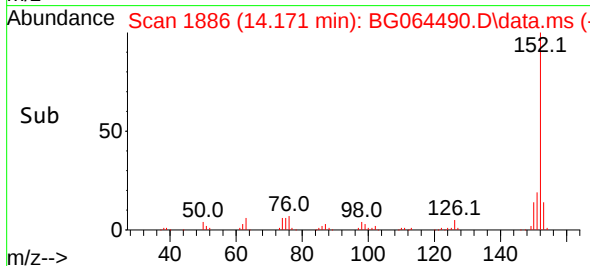
Tgt Ion:152 Resp: 236815  
Ion Ratio Lower Upper  
152 100  
151 19.5 15.8 23.6  
153 14.1 10.6 15.8

Manual Integrations

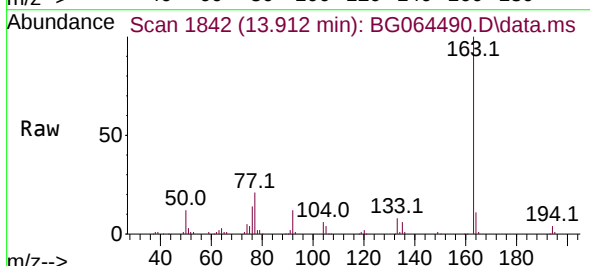
APPROVED

Reviewed By :Rahul Chavli 10/06/2025

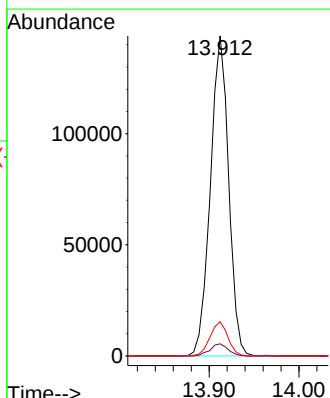
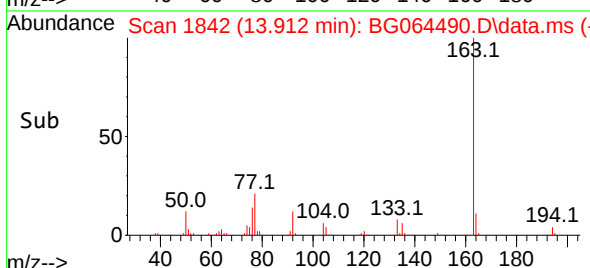
Supervised By :Jagrut Upadhyay 10/06/2025

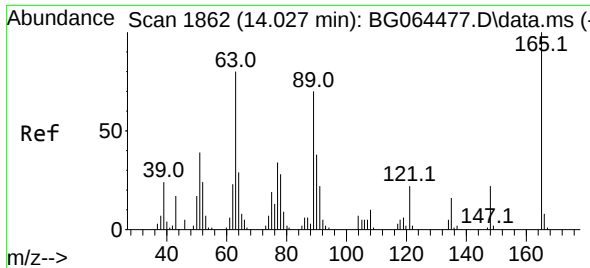


#50  
Dimethylphthalate  
Concen: 48.581 ng  
RT: 13.912 min Scan# 1842  
Delta R.T. 0.010 min  
Lab File: BG064490.D  
Acq: 3 Oct 2025 16:57



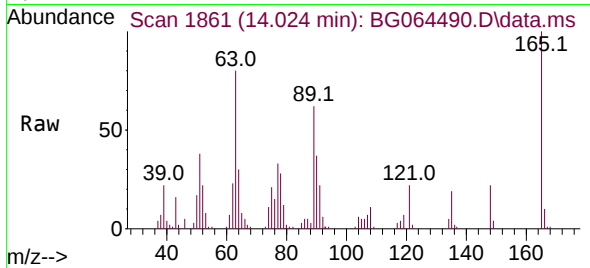
Tgt Ion:163 Resp: 203802  
Ion Ratio Lower Upper  
163 100  
194 3.8 2.9 4.3  
164 10.7 7.4 11.0





#51  
2,6-Dinitrotoluene  
Concen: 50.241 ng  
RT: 14.024 min Scan# 1862  
Delta R.T. 0.005 min  
Lab File: BG064490.D  
Acq: 3 Oct 2025 16:57

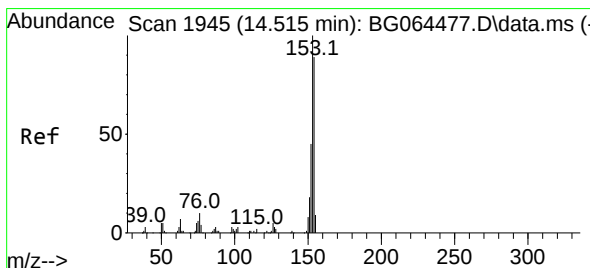
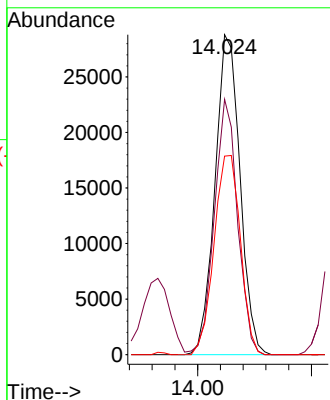
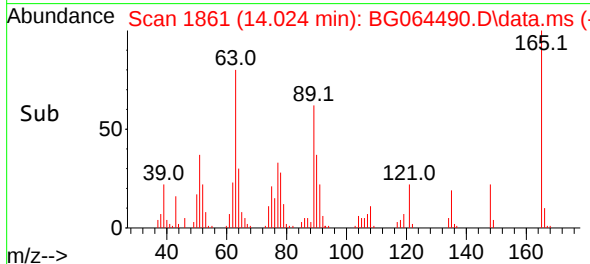
Instrument :  
BNA\_G  
ClientSampleId :  
PB169973BSD



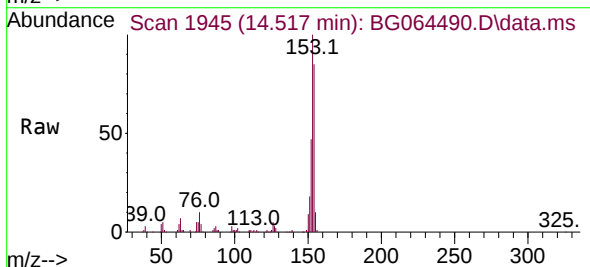
Tgt Ion:165 Resp: 43905  
Ion Ratio Lower Upper  
165 100  
63 79.8 63.9 95.9  
89 62.0 56.1 84.1

Manual Integrations  
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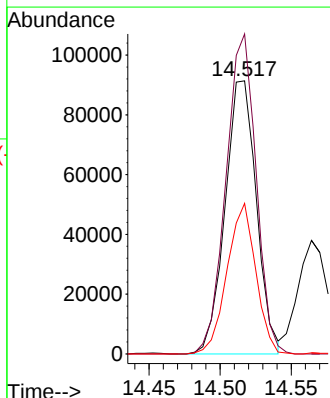
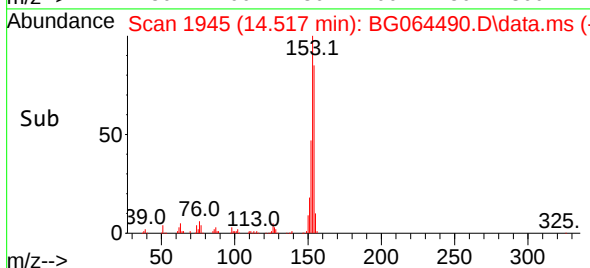
Reviewed By :Rahul Chavli 10/06/2025  
Supervised By :Jagrut Upadhyay 10/06/2025

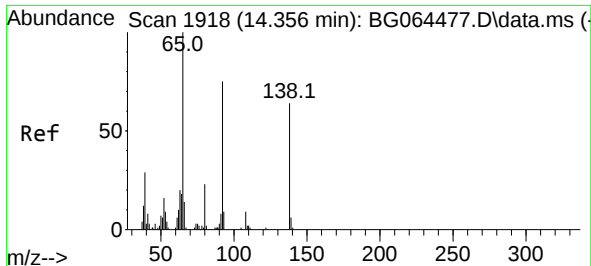


#52  
Acenaphthene  
Concen: 47.264 ng  
RT: 14.517 min Scan# 1945  
Delta R.T. 0.005 min  
Lab File: BG064490.D  
Acq: 3 Oct 2025 16:57



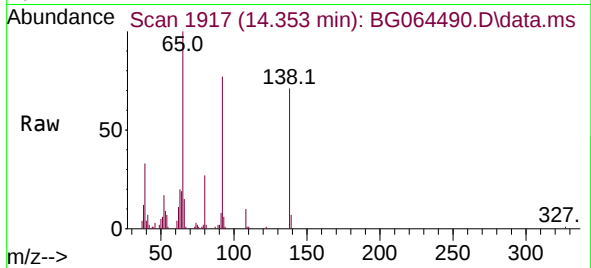
Tgt Ion:154 Resp: 140204  
Ion Ratio Lower Upper  
154 100  
153 117.2 90.2 135.4  
152 55.1 40.2 60.4





#53  
3-Nitroaniline  
Concen: 26.116 ng  
RT: 14.353 min Scan# 1918  
Delta R.T. 0.005 min  
Lab File: BG064490.D  
Acq: 3 Oct 2025 16:57

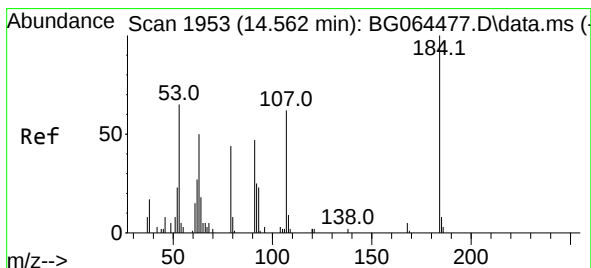
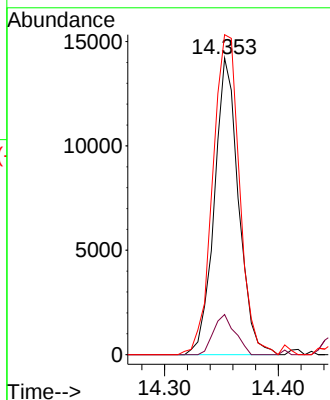
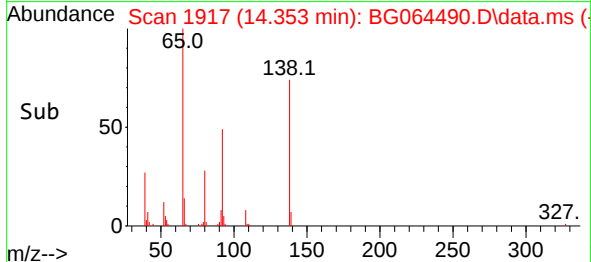
Instrument :  
BNA\_G  
ClientSampleId :  
PB169973BSD



Tgt Ion:138 Resp: 21048  
Ion Ratio Lower Upper  
138 100  
108 13.5 10.6 15.8  
92 107.9 93.2 139.8

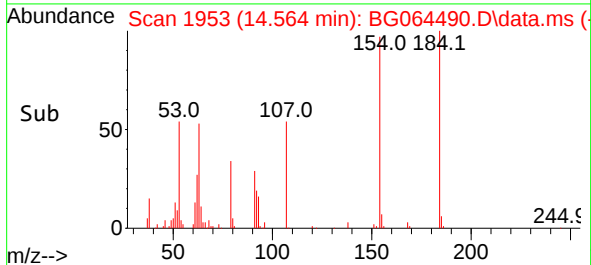
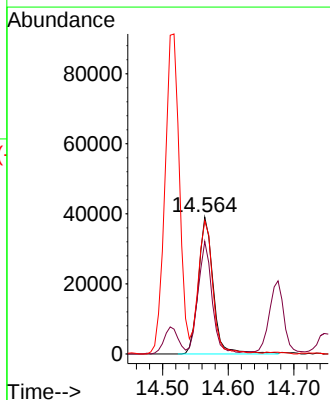
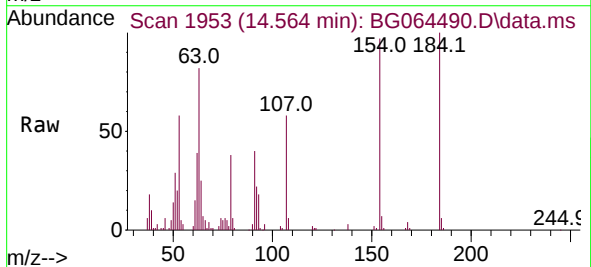
Manual Integrations  
APPROVED

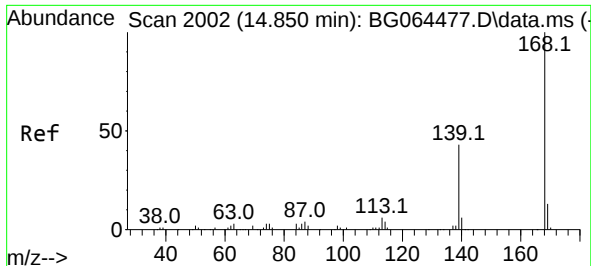
Reviewed By :Rahul Chavli 10/06/2025  
Supervised By :Jagrut Upadhyay 10/06/2025



#54  
2,4-Dinitrophenol  
Concen: 96.115 ng  
RT: 14.564 min Scan# 1953  
Delta R.T. -0.001 min  
Lab File: BG064490.D  
Acq: 3 Oct 2025 16:57

Tgt Ion:184 Resp: 60905  
Ion Ratio Lower Upper  
184 100  
63 82.2 69.0 103.4  
154 97.2 95.6 143.4





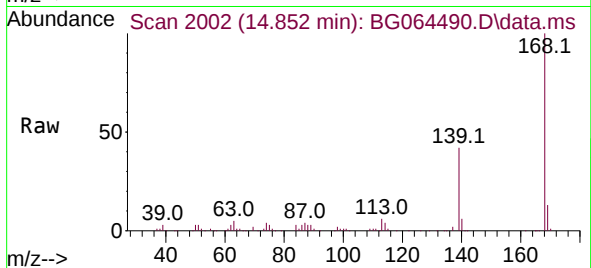
#55  
Dibenzo furan  
Concen: 48.950 ng  
RT: 14.852 min Scan# 2002  
Delta R.T. 0.005 min  
Lab File: BG064490.D  
Acq: 3 Oct 2025 16:57

Instrument :

BNA\_G

ClientSampleId :

PB169973BSD



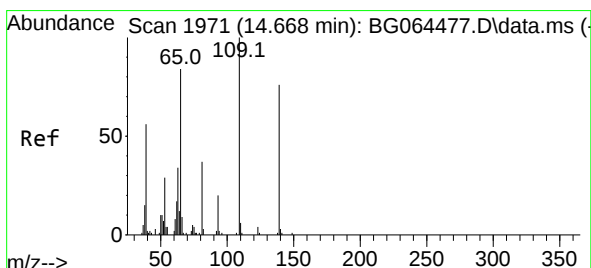
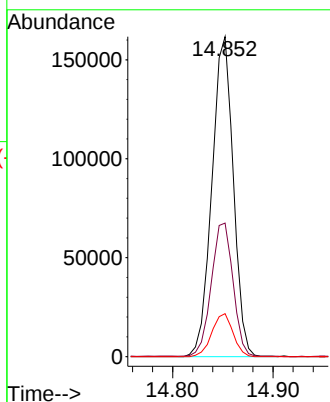
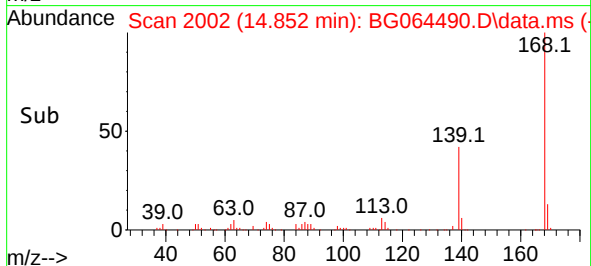
Tgt Ion:168 Resp: 239756  
Ion Ratio Lower Upper  
168 100  
139 41.7 34.0 51.0  
169 13.4 10.2 15.2

Manual Integrations

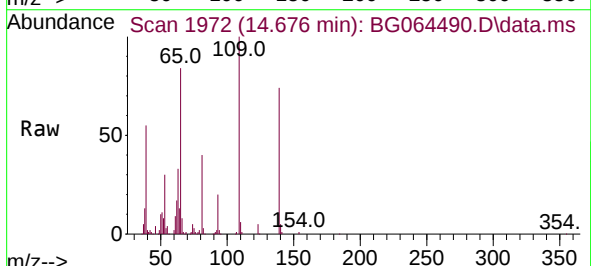
APPROVED

Reviewed By :Rahul Chavli 10/06/2025

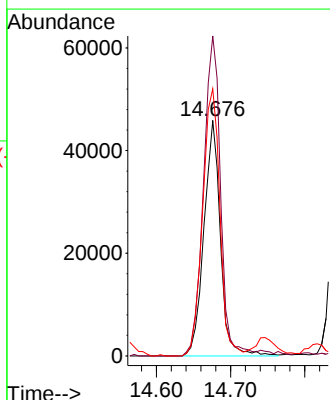
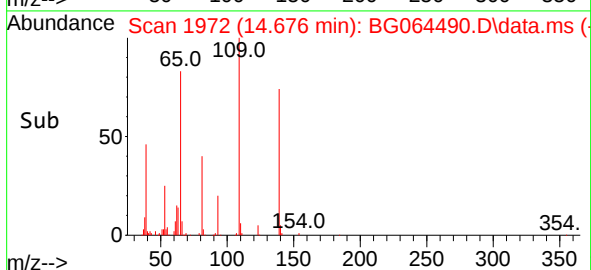
Supervised By :Jagrut Upadhyay 10/06/2025

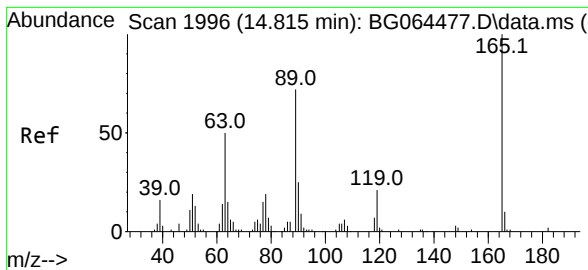


#56  
4-Nitrophenol  
Concen: 111.171 ng  
RT: 14.676 min Scan# 1972  
Delta R.T. 0.010 min  
Lab File: BG064490.D  
Acq: 3 Oct 2025 16:57



Tgt Ion:139 Resp: 70541  
Ion Ratio Lower Upper  
139 100  
109 135.9 111.8 151.8  
65 113.5 91.1 131.1





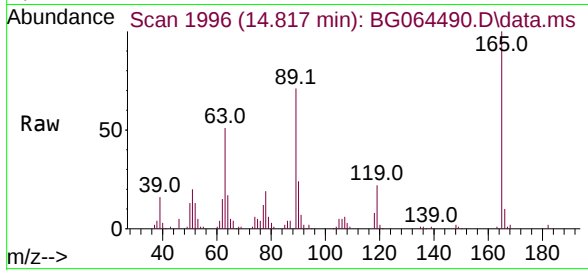
#57  
2,4-Dinitrotoluene  
Concen: 53.174 ng  
RT: 14.817 min Scan# 1996  
Delta R.T. 0.005 min  
Lab File: BG064490.D  
Acq: 3 Oct 2025 16:57

Instrument :

BNA\_G

ClientSampleId :

PB169973BSD



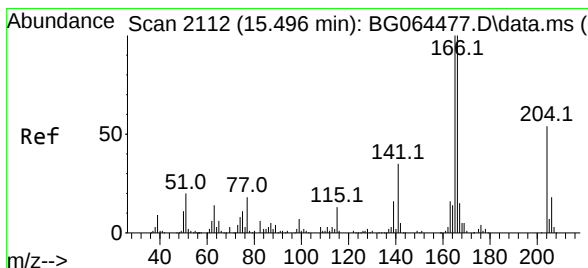
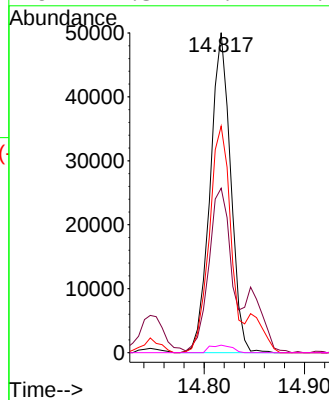
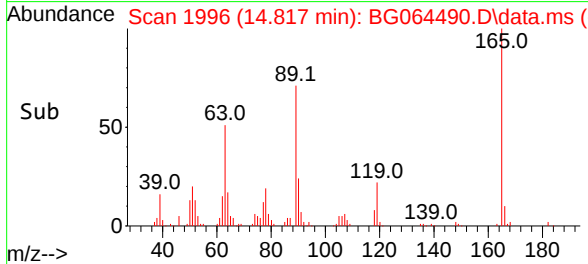
Tgt Ion:165 Resp: 71035  
Ion Ratio Lower Upper  
165 100  
63 51.4 40.4 60.6  
89 70.8 57.3 85.9  
182 2.3 1.9 2.9

Manual Integrations

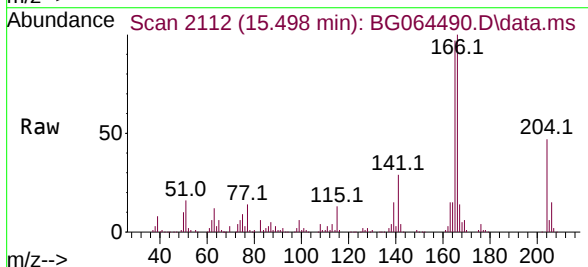
APPROVED

Reviewed By :Rahul Chavli 10/06/2025

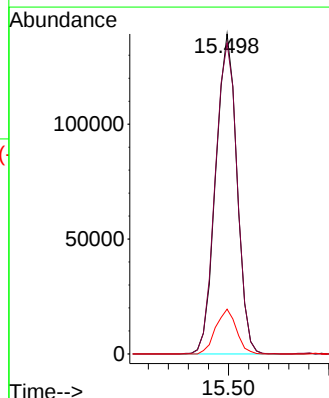
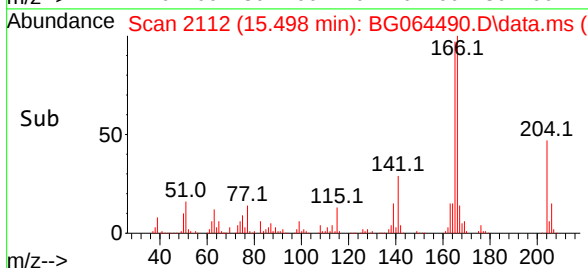
Supervised By :Jagrut Upadhyay 10/06/2025

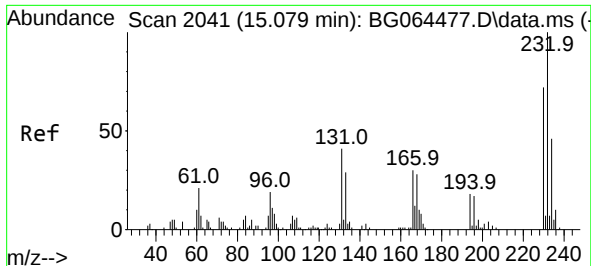


#58  
Fluorene  
Concen: 50.261 ng  
RT: 15.498 min Scan# 2112  
Delta R.T. 0.005 min  
Lab File: BG064490.D  
Acq: 3 Oct 2025 16:57



Tgt Ion:166 Resp: 204659  
Ion Ratio Lower Upper  
166 100  
165 97.2 79.8 119.6  
167 14.0 11.7 17.5





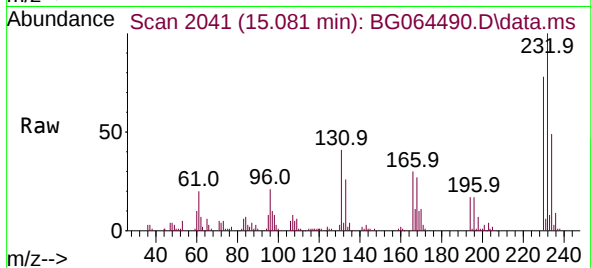
#59  
2,3,4,6-Tetrachlorophenol  
Concen: 54.327 ng  
RT: 15.081 min Scan# 2041  
Delta R.T. 0.010 min  
Lab File: BG064490.D  
Acq: 3 Oct 2025 16:57

Instrument :

BNA\_G

ClientSampleId :

PB169973BSD



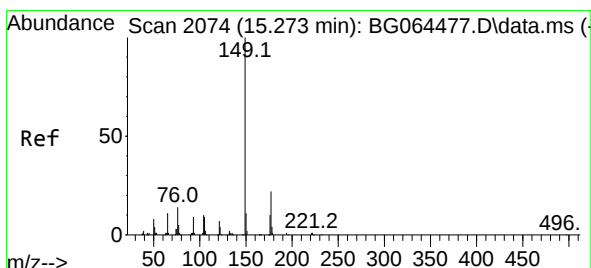
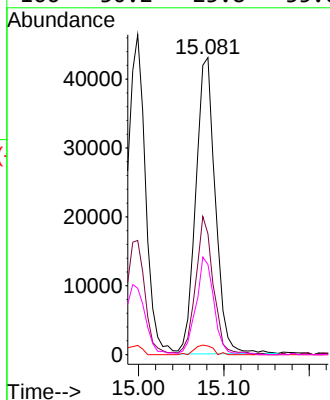
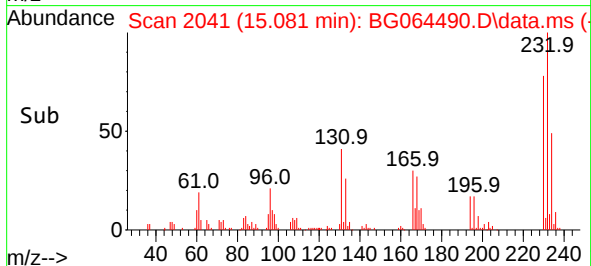
Tgt Ion:232 Resp: 68433  
Ion Ratio Lower Upper  
232 100  
131 42.0 35.0 52.4  
130 3.0 2.0 3.0  
166 30.2 23.8 35.6

Manual Integrations

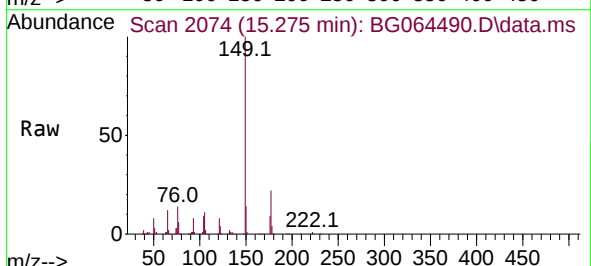
APPROVED

Reviewed By :Rahul Chavli 10/06/2025

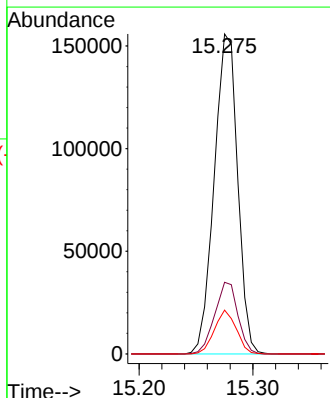
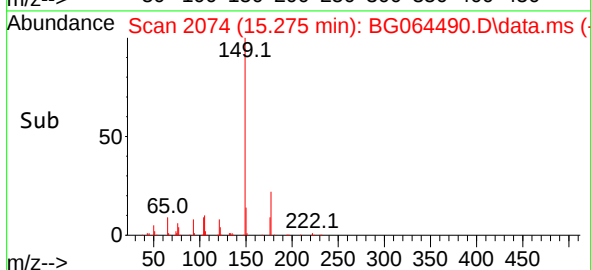
Supervised By :Jagrut Upadhyay 10/06/2025

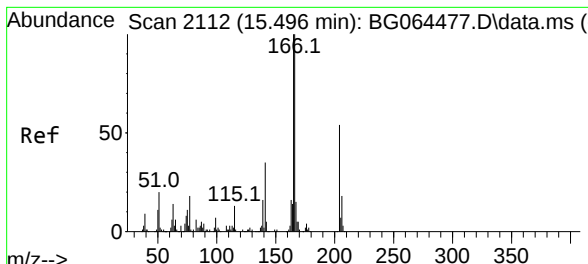


#60  
Diethylphthalate  
Concen: 49.452 ng  
RT: 15.275 min Scan# 2074  
Delta R.T. 0.005 min  
Lab File: BG064490.D  
Acq: 3 Oct 2025 16:57



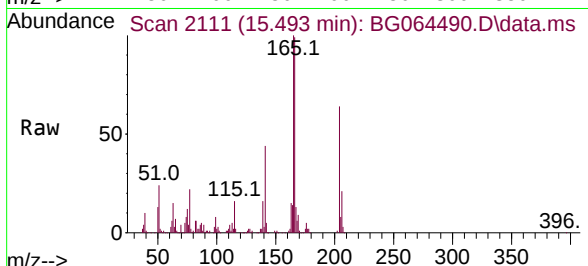
Tgt Ion:149 Resp: 222549  
Ion Ratio Lower Upper  
149 100  
177 22.4 17.4 26.0  
150 13.7 9.1 13.7#





#61  
4-Chlorophenyl-phenylether  
Concen: 48.001 ng  
RT: 15.493 min Scan# 2112  
Delta R.T. 0.005 min  
Lab File: BG064490.D  
Acq: 3 Oct 2025 16:57

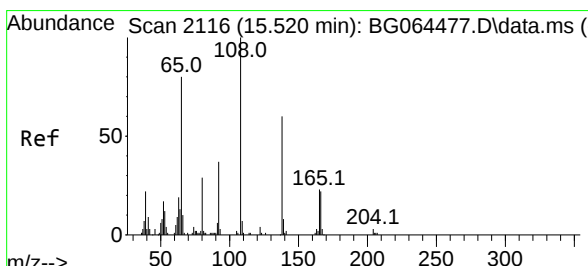
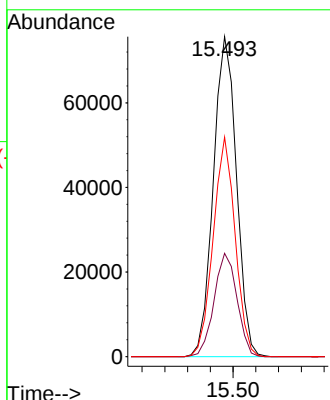
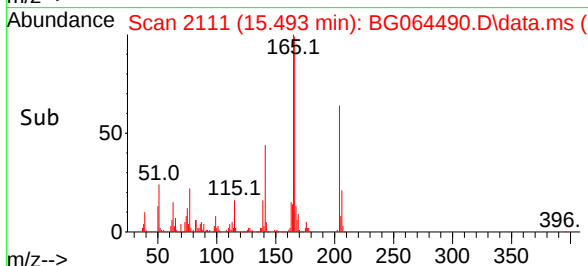
Instrument :  
BNA\_G  
ClientSampleId :  
PB169973BSD



Tgt Ion:204 Resp: 106708  
Ion Ratio Lower Upper  
204 100  
206 32.3 27.1 40.7  
141 68.6 51.5 77.3

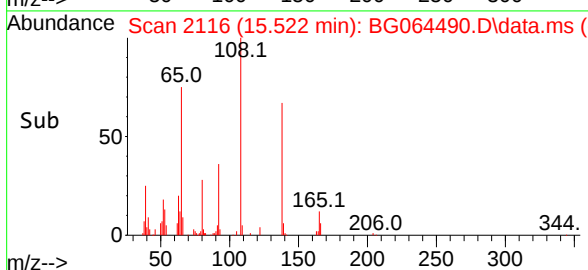
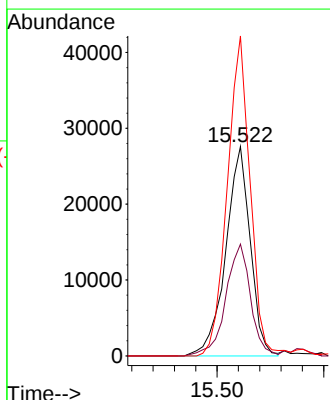
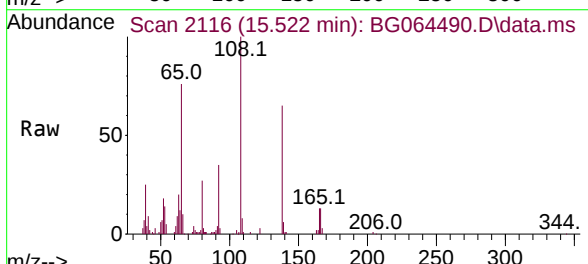
Manual Integrations  
APPROVED

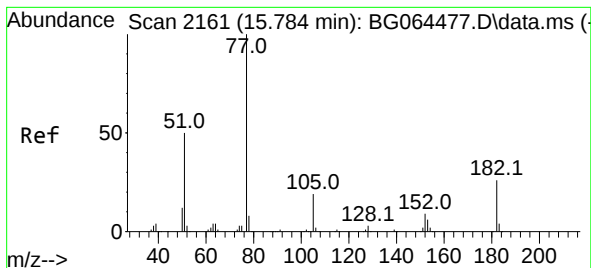
Reviewed By :Rahul Chavli 10/06/2025  
Supervised By :Jagrut Upadhyay 10/06/2025



#62  
4-Nitroaniline  
Concen: 52.280 ng  
RT: 15.522 min Scan# 2116  
Delta R.T. 0.010 min  
Lab File: BG064490.D  
Acq: 3 Oct 2025 16:57

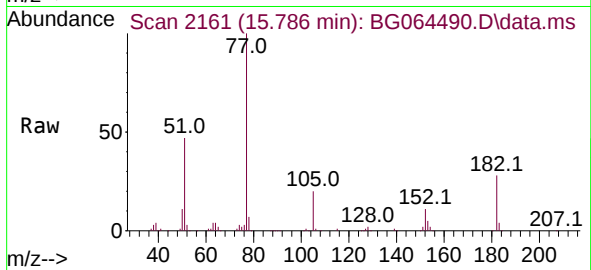
Tgt Ion:138 Resp: 43915  
Ion Ratio Lower Upper  
138 100  
92 53.4 42.3 82.3  
108 152.9 147.7 187.7





#63  
Azobenzene  
Concen: 49.872 ng  
RT: 15.786 min Scan# 2161  
Delta R.T. 0.005 min  
Lab File: BG064490.D  
Acq: 3 Oct 2025 16:57

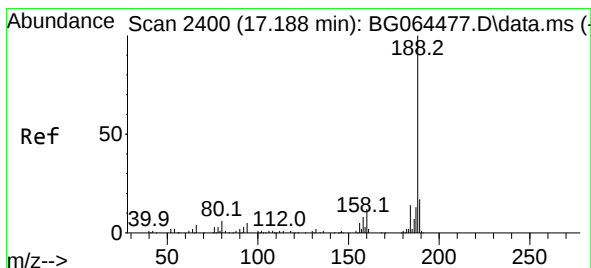
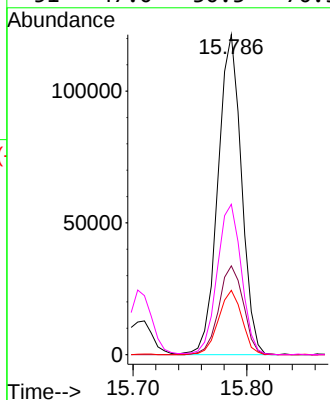
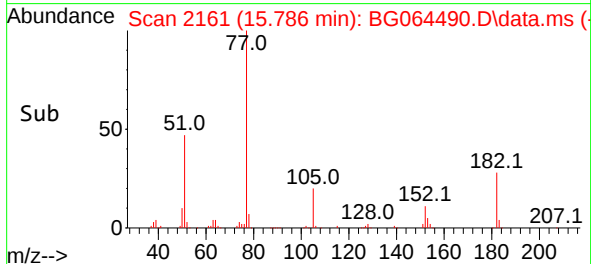
Instrument :  
BNA\_G  
ClientSampleId :  
PB169973BSD



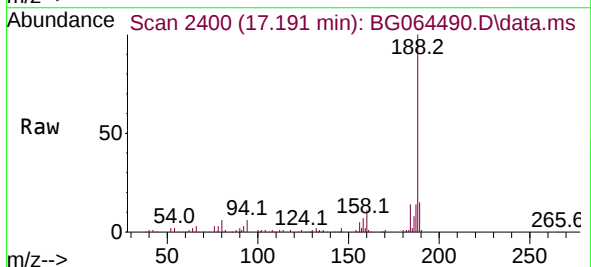
Tgt Ion: 77 Resp: 173819  
Ion Ratio Lower Upper  
77 100  
182 27.7 6.3 46.3  
105 20.1 0.0 38.7  
51 47.0 30.3 70.3

Manual Integrations  
APPROVED

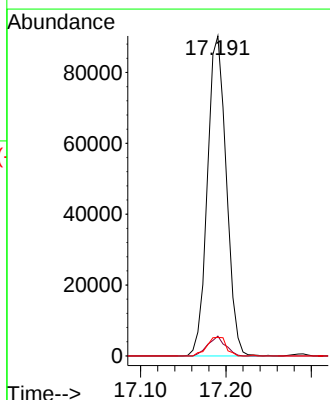
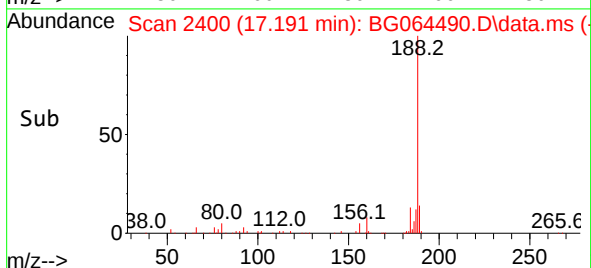
Reviewed By :Rahul Chavli 10/06/2025  
Supervised By :Jagrut Upadhyay 10/06/2025

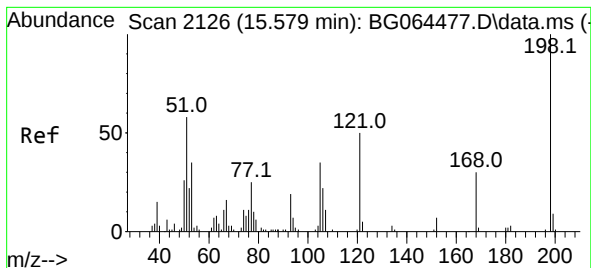


#64  
Phenanthrene-d10  
Concen: 20.000 ng  
RT: 17.191 min Scan# 2400  
Delta R.T. 0.005 min  
Lab File: BG064490.D  
Acq: 3 Oct 2025 16:57



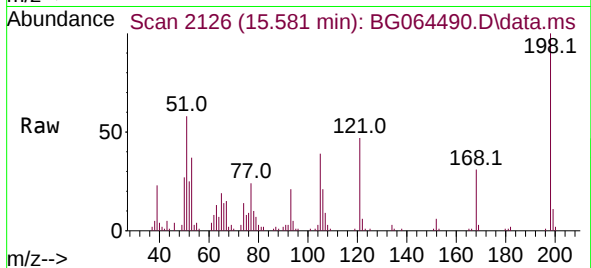
Tgt Ion:188 Resp: 138632  
Ion Ratio Lower Upper  
188 100  
94 6.2 3.7 5.5#  
80 5.8 4.5 6.7





#65  
4,6-Dinitro-2-methylphenol  
Concen: 47.921 ng  
RT: 15.581 min Scan# 2126  
Delta R.T. 0.005 min  
Lab File: BG064490.D  
Acq: 3 Oct 2025 16:57

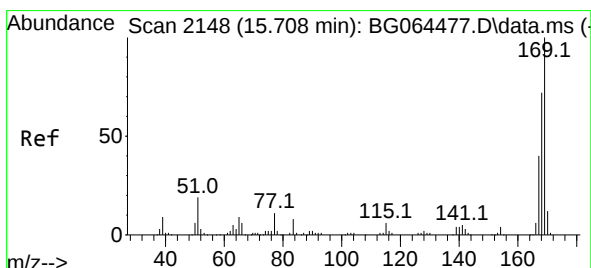
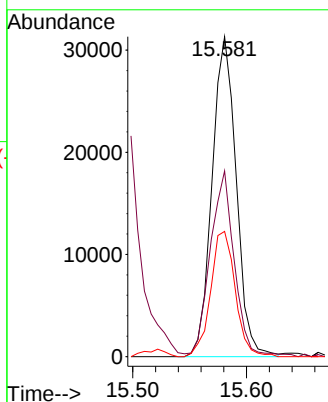
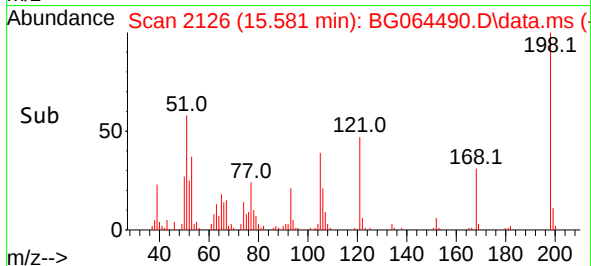
Instrument :  
BNA\_G  
ClientSampleId :  
PB169973BSD



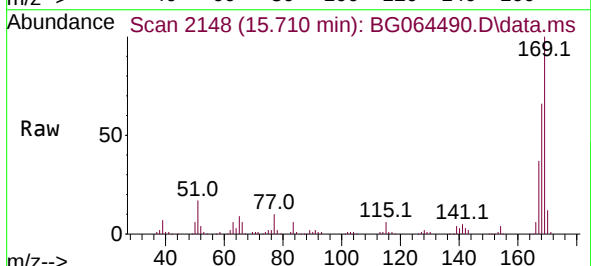
Tgt Ion:198 Resp: 46256  
Ion Ratio Lower Upper  
198 100  
51 58.0 39.0 79.0  
105 39.1 15.8 55.8

Manual Integrations  
APPROVED

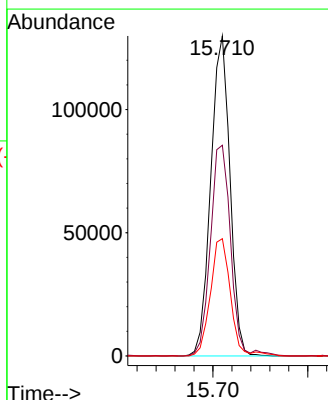
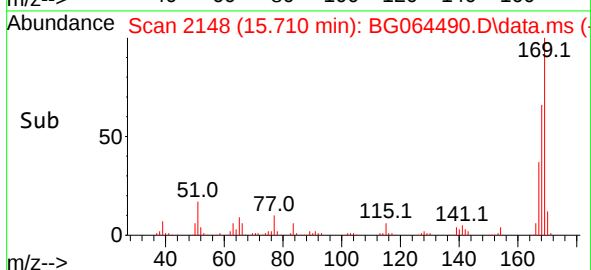
Reviewed By :Rahul Chavli 10/06/2025  
Supervised By :Jagrut Upadhyay 10/06/2025

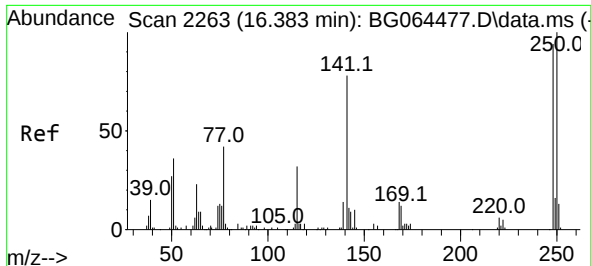


#66  
n-Nitrosodiphenylamine  
Concen: 49.254 ng  
RT: 15.710 min Scan# 2148  
Delta R.T. 0.005 min  
Lab File: BG064490.D  
Acq: 3 Oct 2025 16:57



Tgt Ion:169 Resp: 182340  
Ion Ratio Lower Upper  
169 100  
168 65.8 57.8 86.6  
167 36.6 31.7 47.5





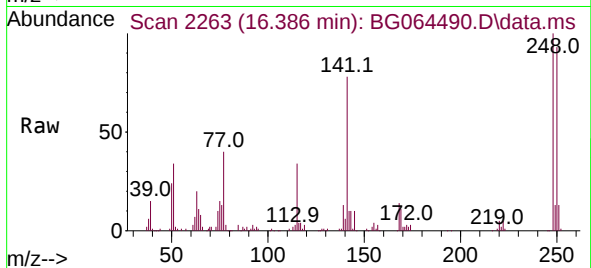
#67  
4-Bromophenyl-phenylether  
Concen: 48.089 ng  
RT: 16.386 min Scan# 2263  
Delta R.T. 0.005 min  
Lab File: BG064490.D  
Acq: 3 Oct 2025 16:57

Instrument :

BNA\_G

ClientSampleId :

PB169973BSD

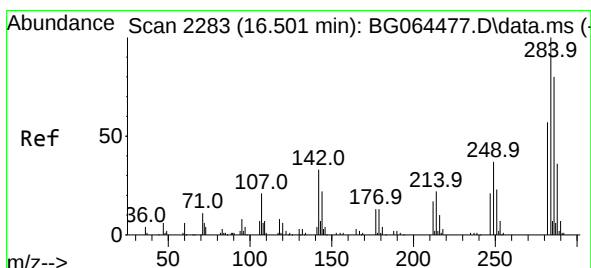
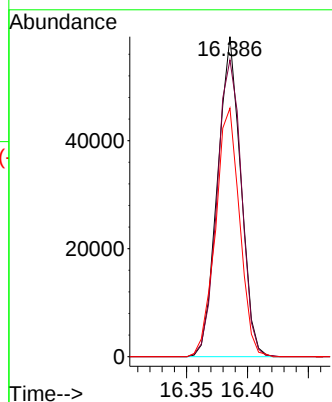
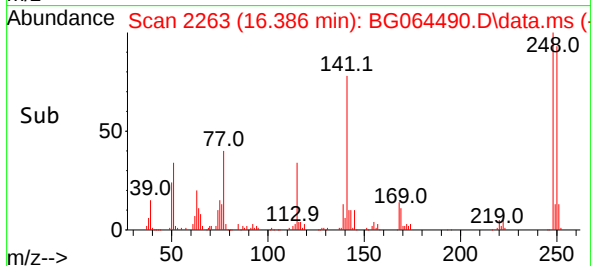


Tgt Ion:248 Resp: 7845  
Ion Ratio Lower Upper  
248 100  
250 92.7 85.3 127.9  
141 77.6 66.2 99.2

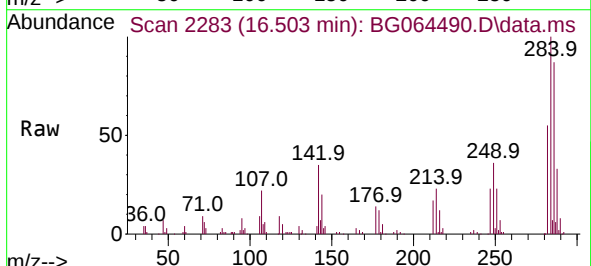
Manual Integrations

APPROVED

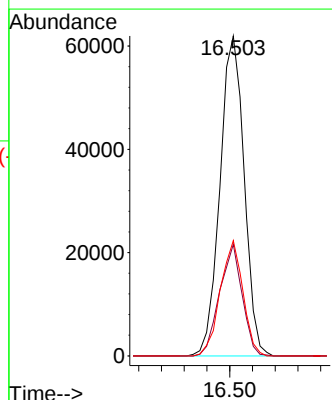
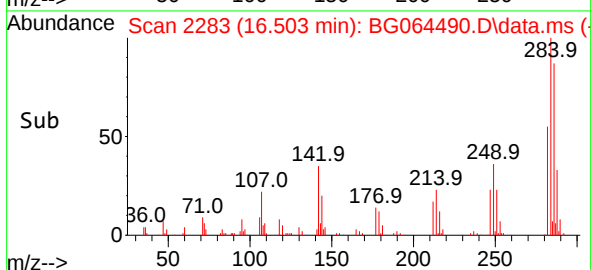
Reviewed By :Rahul Chavli 10/06/2025  
Supervised By :Jagrut Upadhyay 10/06/2025

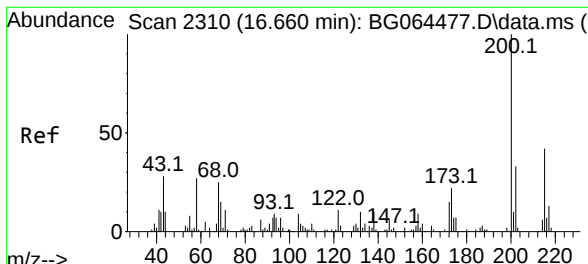


#68  
Hexachlorobenzene  
Concen: 48.936 ng  
RT: 16.503 min Scan# 2283  
Delta R.T. 0.005 min  
Lab File: BG064490.D  
Acq: 3 Oct 2025 16:57



Tgt Ion:284 Resp: 91352  
Ion Ratio Lower Upper  
284 100  
142 34.9 26.2 39.2  
249 36.0 29.4 44.0





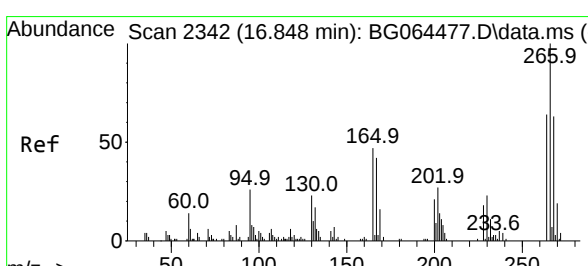
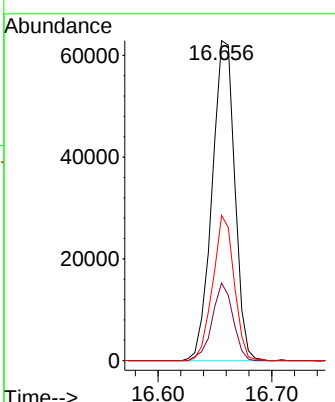
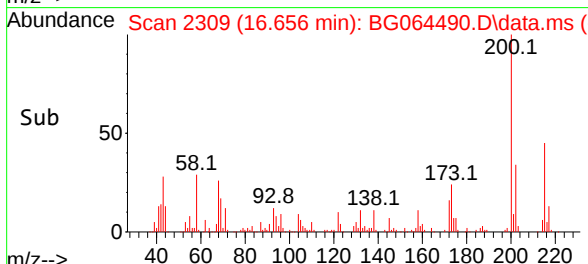
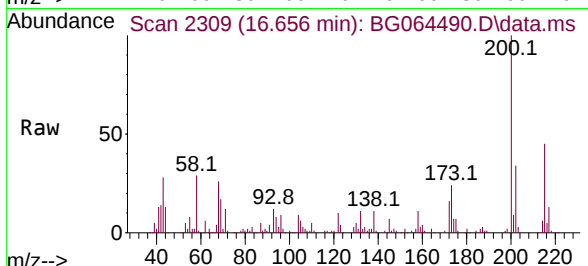
#69  
**Atrazine**  
 Concen: 52.822 ng  
 RT: 16.656 min Scan# 2309  
 Delta R.T. 0.005 min  
 Lab File: BG064490.D  
 Acq: 3 Oct 2025 16:57

**Instrument :**  
 BNA\_G  
**ClientSampleId :**  
 PB169973BSD

Tgt Ion:200 Resp: 87001

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 200 | 100   |       |       |
| 173 | 24.2  | 2.5   | 42.5  |
| 215 | 45.4  | 21.5  | 61.5  |

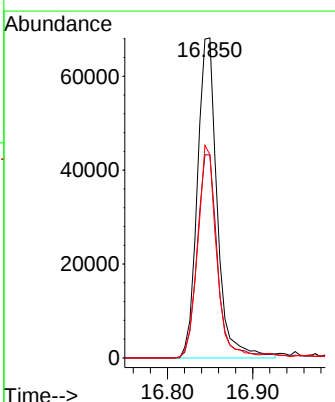
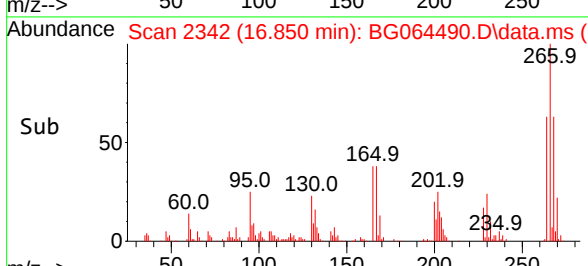
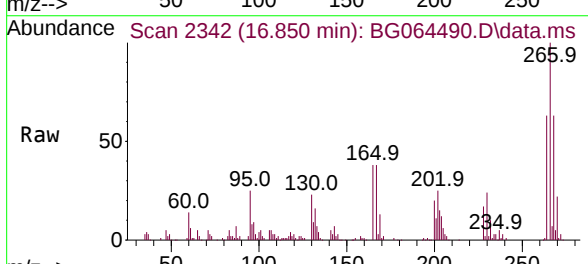
**Manual Integrations**  
**APPROVED**  
 Reviewed By :Rahul Chavli 10/06/2025  
 Supervised By :Jagrut Upadhyay 10/06/2025

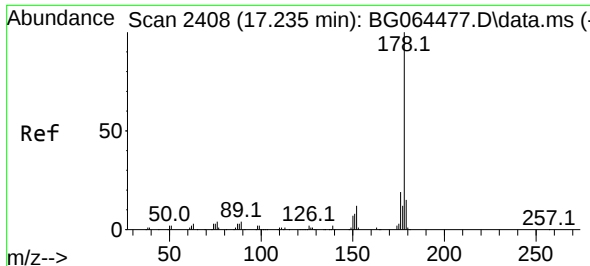


#70  
**Pentachlorophenol**  
 Concen: 100.712 ng  
 RT: 16.850 min Scan# 2342  
 Delta R.T. 0.005 min  
 Lab File: BG064490.D  
 Acq: 3 Oct 2025 16:57

Tgt Ion:266 Resp: 109925

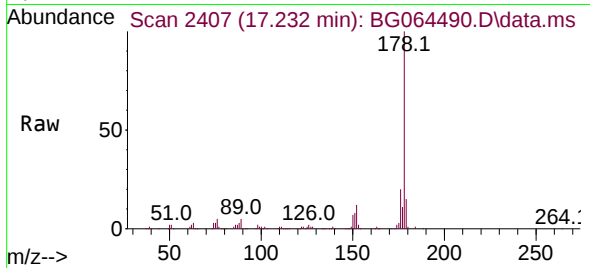
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 266 | 100   |       |       |
| 268 | 63.4  | 50.6  | 75.8  |
| 264 | 63.5  | 51.2  | 76.8  |





#71  
Phenanthrene  
Concen: 48.603 ng  
RT: 17.232 min Scan# 2408  
Delta R.T. 0.005 min  
Lab File: BG064490.D  
Acq: 3 Oct 2025 16:57

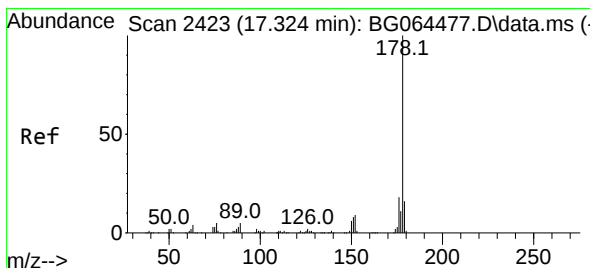
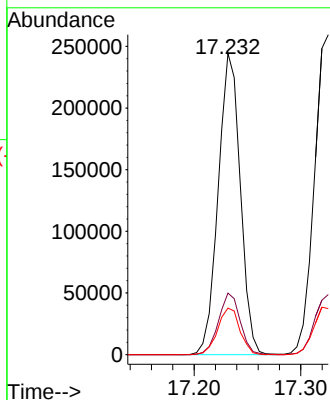
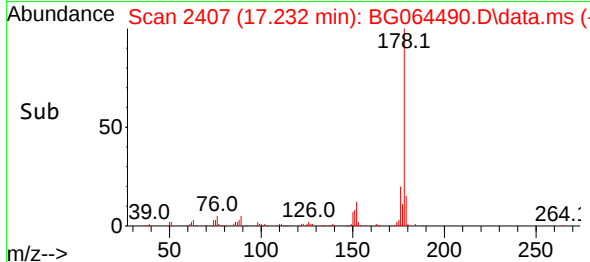
Instrument :  
BNA\_G  
ClientSampleId :  
PB169973BSD



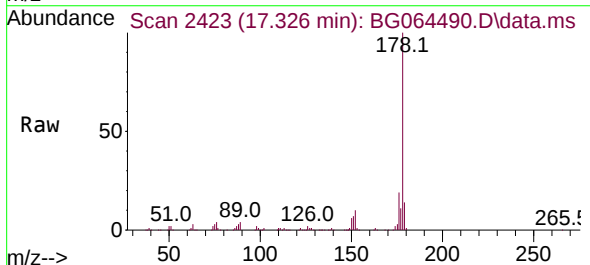
Tgt Ion:178 Resp: 352360  
Ion Ratio Lower Upper  
178 100  
176 20.4 15.2 22.8  
179 15.4 11.8 17.6

Manual Integrations  
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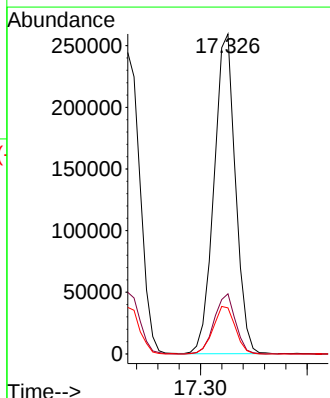
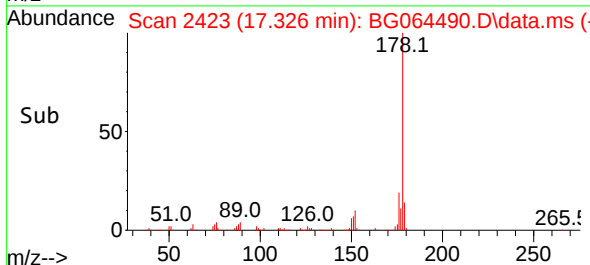
Reviewed By :Rahul Chavli 10/06/2025  
Supervised By :Jagrut Upadhyay 10/06/2025

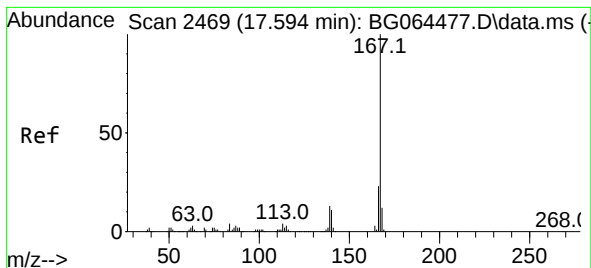


#72  
Anthracene  
Concen: 49.895 ng  
RT: 17.326 min Scan# 2423  
Delta R.T. 0.005 min  
Lab File: BG064490.D  
Acq: 3 Oct 2025 16:57



Tgt Ion:178 Resp: 362889  
Ion Ratio Lower Upper  
178 100  
176 18.8 14.6 21.8  
179 14.4 12.5 18.7





#73

Carbazole

Concen: 52.082 ng

RT: 17.590 min Scan# 2468

Delta R.T. -0.001 min

Lab File: BG064490.D

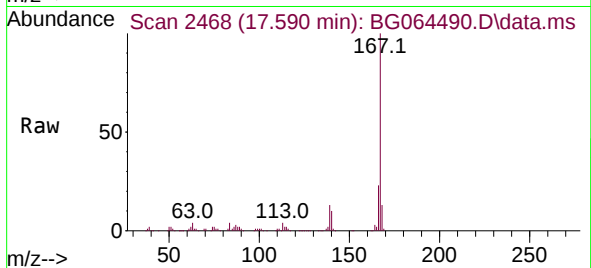
Acq: 3 Oct 2025 16:57

Instrument :

BNA\_G

ClientSampleId :

PB169973BSD



Tgt Ion:167 Resp: 327423

Ion Ratio Lower Upper

167 100

166 23.2 18.6 27.8

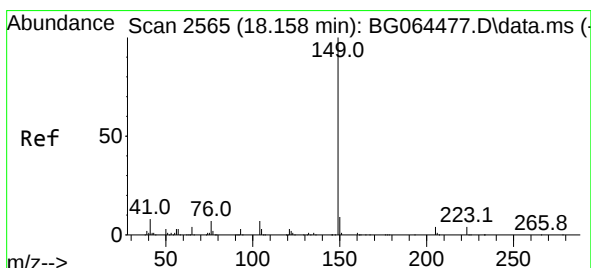
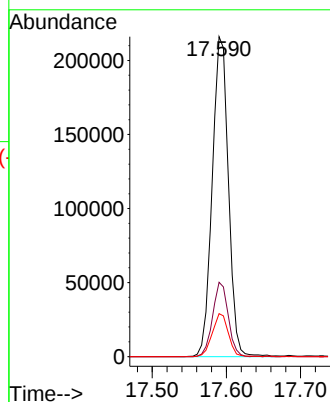
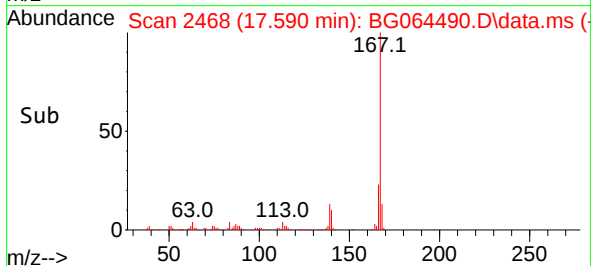
139 13.4 10.2 15.4

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 10/06/2025

Supervised By :Jagrut Upadhyay 10/06/2025



#74

Di-n-butylphthalate

Concen: 51.730 ng

RT: 18.154 min Scan# 2564

Delta R.T. -0.001 min

Lab File: BG064490.D

Acq: 3 Oct 2025 16:57

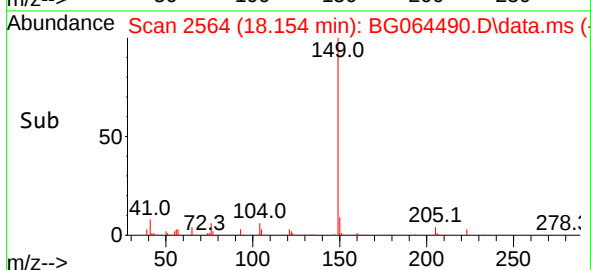
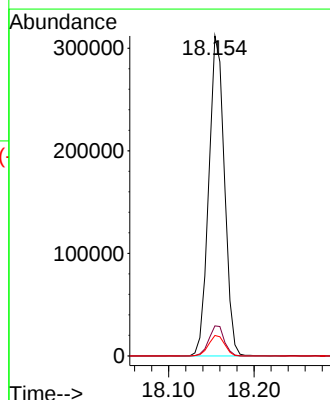
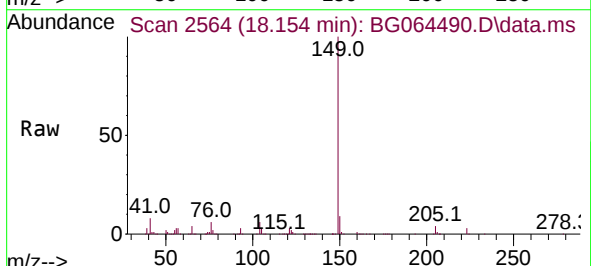
Tgt Ion:149 Resp: 396998

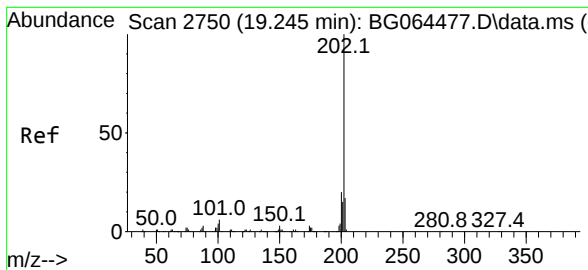
Ion Ratio Lower Upper

149 100

150 9.4 7.4 11.2

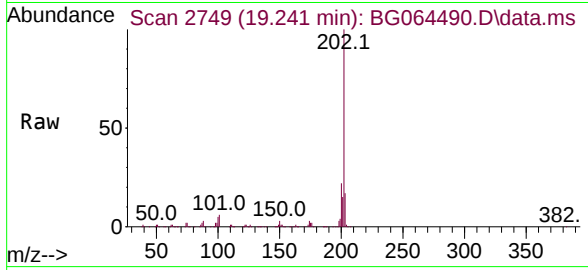
104 6.4 5.3 7.9





#75  
 Fluoranthene  
 Concen: 50.952 ng  
 RT: 19.241 min Scan# 2750  
 Delta R.T. 0.005 min  
 Lab File: BG064490.D  
 Acq: 3 Oct 2025 16:57

Instrument :  
 BNA\_G  
 ClientSampleId :  
 PB169973BSD

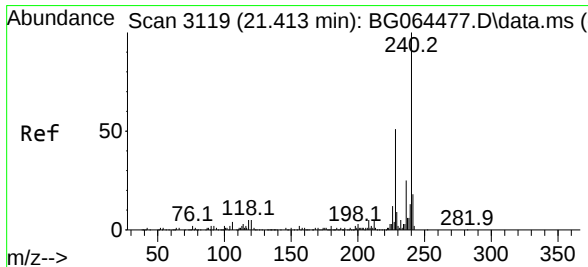
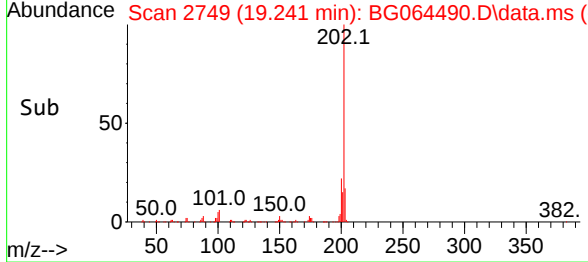
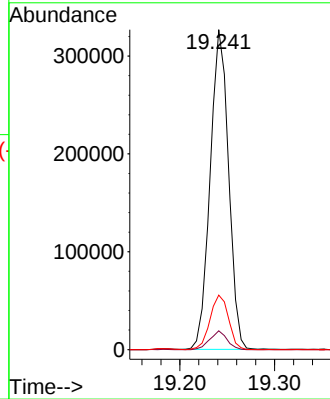


Tgt Ion: 202 Resp: 441298

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 202 | 100   |       |       |
| 101 | 5.9   | 0.0   | 25.7  |
| 203 | 17.0  | 0.0   | 36.6  |

Manual Integrations  
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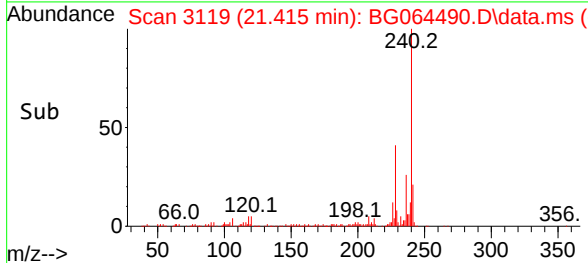
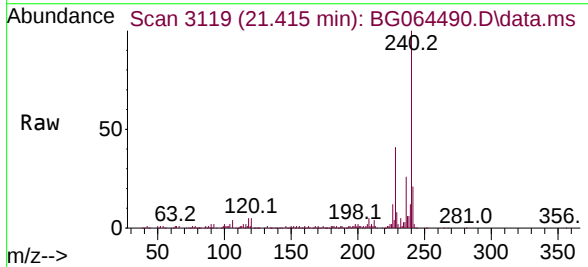
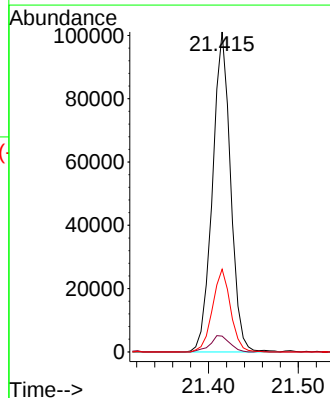
Reviewed By :Rahul Chavli 10/06/2025  
 Supervised By :Jagrut Upadhyay 10/06/2025

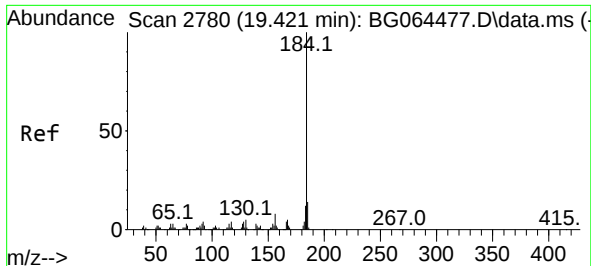


#76  
 Chrysene-d12  
 Concen: 20.000 ng  
 RT: 21.415 min Scan# 3119  
 Delta R.T. 0.005 min  
 Lab File: BG064490.D  
 Acq: 3 Oct 2025 16:57

Tgt Ion: 240 Resp: 141515

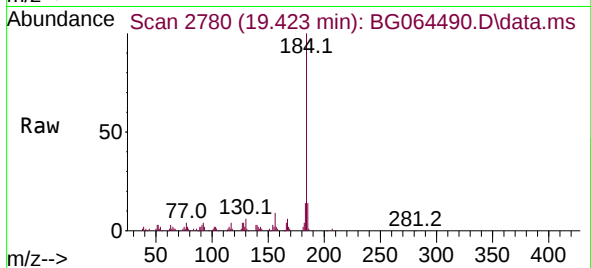
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 240 | 100   |       |       |
| 120 | 5.0   | 4.3   | 6.5   |
| 236 | 25.8  | 20.4  | 30.6  |





#77  
Benzidine  
Concen: 28.405 ng  
RT: 19.423 min Scan# 21  
Delta R.T. -0.002 min  
Lab File: BG064490.D  
Acq: 3 Oct 2025 16:57

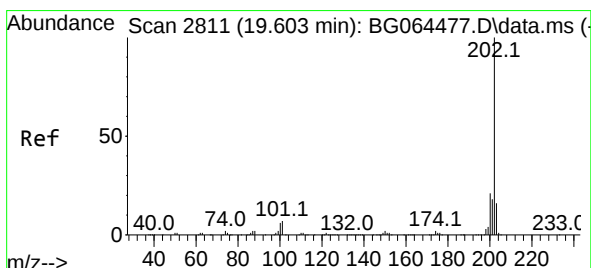
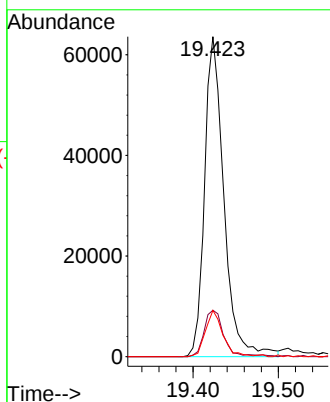
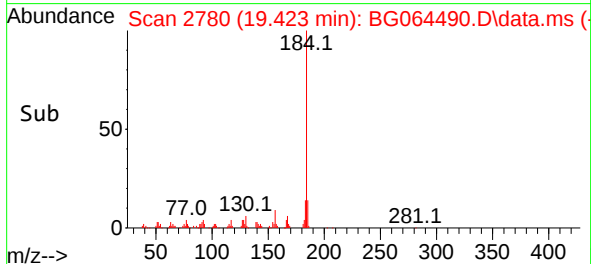
Instrument :  
BNA\_G  
ClientSampleId :  
PB169973BSD



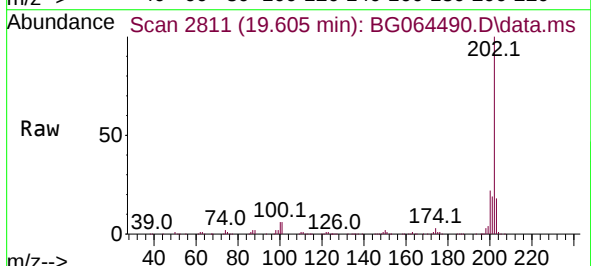
Tgt Ion:184 Resp: 100021  
Ion Ratio Lower Upper  
184 100  
185 14.5 10.9 16.3  
183 14.4 9.8 14.6

Manual Integrations  
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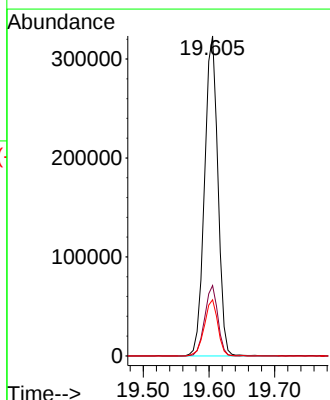
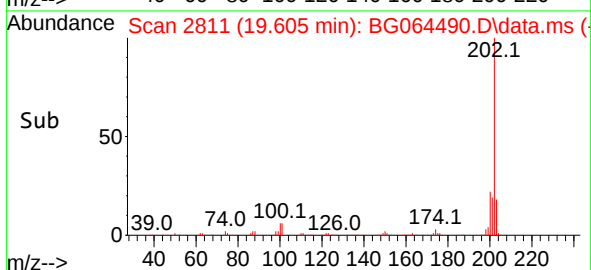
Reviewed By :Rahul Chavli 10/06/2025  
Supervised By :Jagrut Upadhyay 10/06/2025

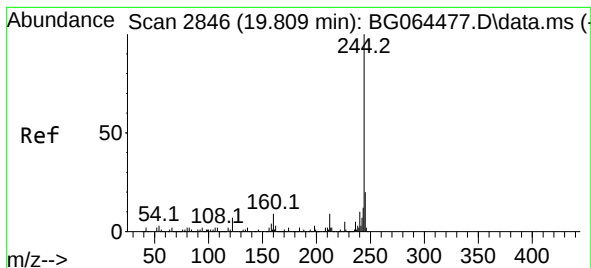


#78  
Pyrene  
Concen: 49.536 ng  
RT: 19.605 min Scan# 2811  
Delta R.T. 0.005 min  
Lab File: BG064490.D  
Acq: 3 Oct 2025 16:57



Tgt Ion:202 Resp: 454934  
Ion Ratio Lower Upper  
202 100  
200 22.0 17.0 25.4  
203 17.5 13.0 19.4





#79

Terphenyl-d14

Concen: 96.533 ng

RT: 19.805 min Scan# 2846

Delta R.T. -0.001 min

Lab File: BG064490.D

Acq: 3 Oct 2025 16:57

Instrument :

BNA\_G

ClientSampleId :

PB169973BSD

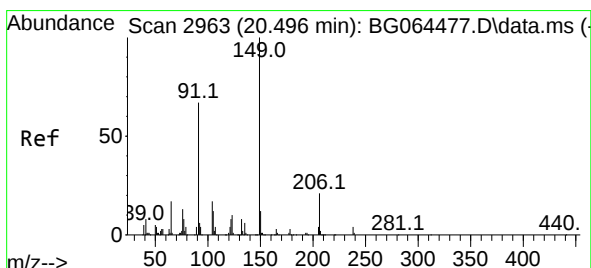
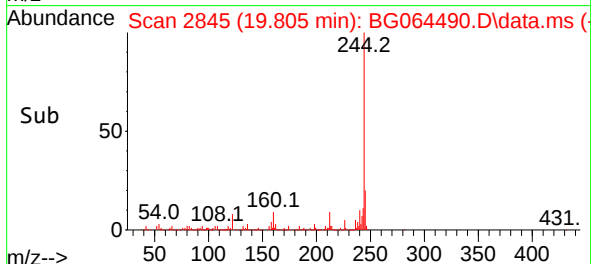
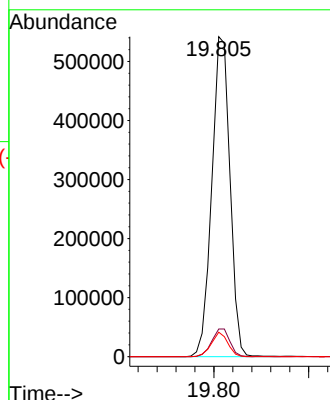
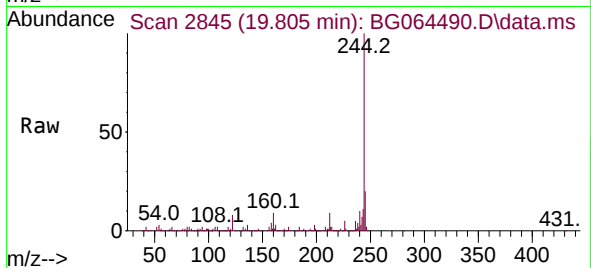
Tgt Ion:244 Resp: 721842  
 Ion Ratio Lower Upper  
 244 100  
 212 8.6 7.0 10.6  
 122 7.6 5.6 8.4

Manual Integrations

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Reviewed By :Rahul Chavli 10/06/2025

Supervised By :Jagrut Upadhyay 10/06/2025



#80

Butylbenzylphthalate

Concen: 50.742 ng

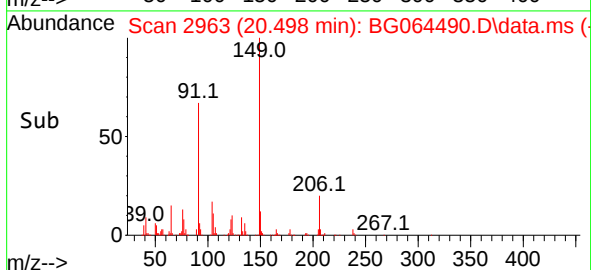
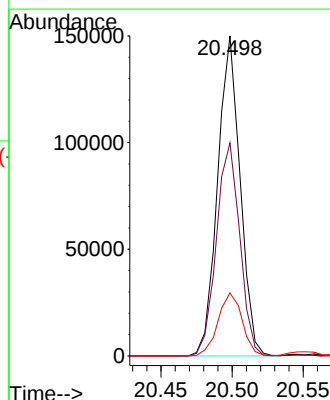
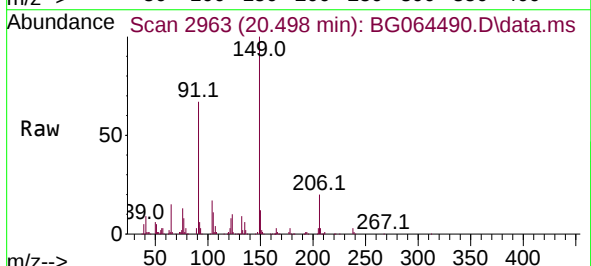
RT: 20.498 min Scan# 2963

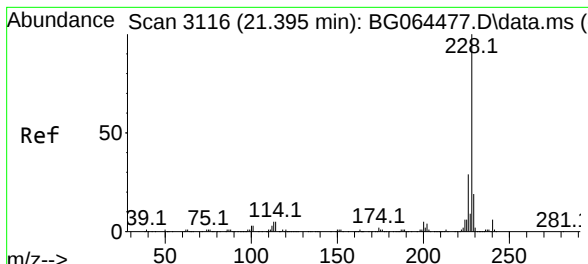
Delta R.T. -0.001 min

Lab File: BG064490.D

Acq: 3 Oct 2025 16:57

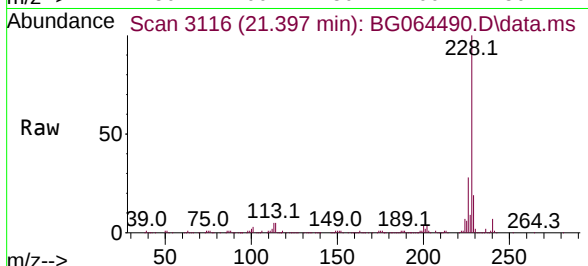
Tgt Ion:149 Resp: 165196  
 Ion Ratio Lower Upper  
 149 100  
 91 66.6 53.7 80.5  
 206 19.7 16.6 24.8





#81  
Benzo(a)anthracene  
Concen: 49.985 ng  
RT: 21.397 min Scan# 3116  
Delta R.T. 0.005 min  
Lab File: BG064490.D  
Acq: 3 Oct 2025 16:57

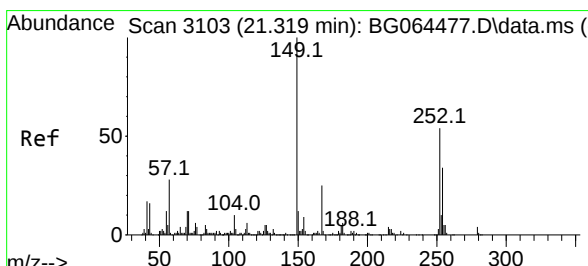
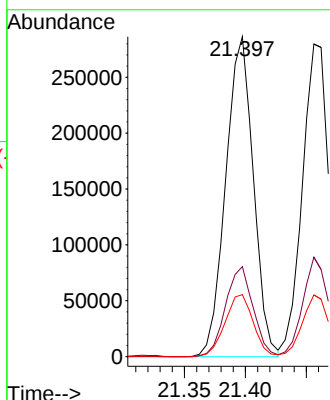
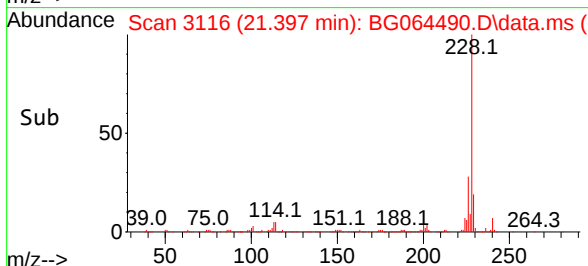
Instrument :  
BNA\_G  
ClientSampleId :  
PB169973BSD



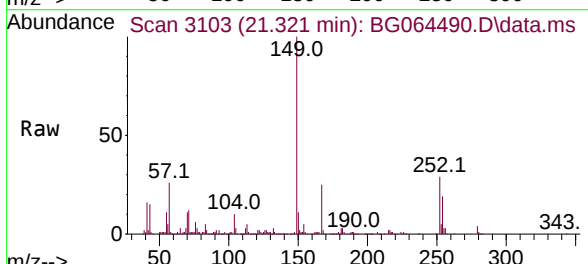
Tgt Ion:228 Resp: 451659  
Ion Ratio Lower Upper  
228 100  
226 28.1 22.8 34.2  
229 19.4 15.2 22.8

Manual Integrations  
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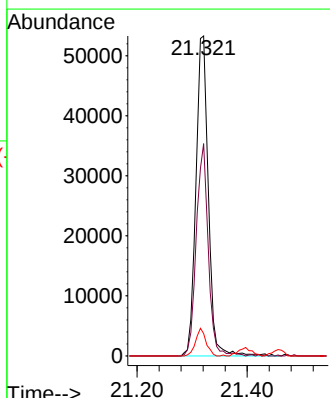
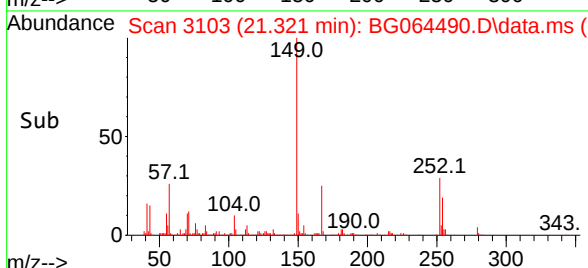
Reviewed By :Rahul Chavli 10/06/2025  
Supervised By :Jagrut Upadhyay 10/06/2025

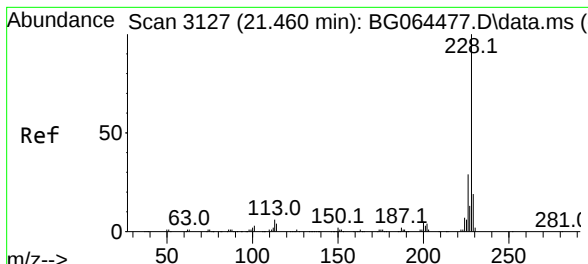


#82  
3,3'-Dichlorobenzidine  
Concen: 27.260 ng  
RT: 21.321 min Scan# 3103  
Delta R.T. 0.005 min  
Lab File: BG064490.D  
Acq: 3 Oct 2025 16:57



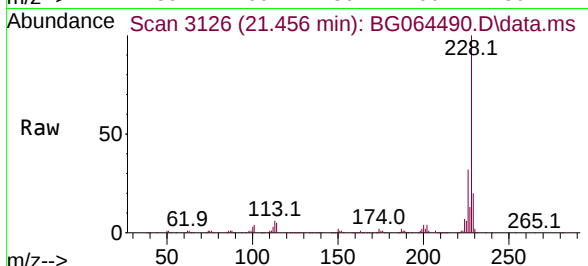
Tgt Ion:252 Resp: 83367  
Ion Ratio Lower Upper  
252 100  
254 66.3 50.5 75.7  
126 7.0 7.1 10.7





#83  
 Chrysene  
 Concen: 49.559 ng  
 RT: 21.456 min Scan# 3126  
 Delta R.T. 0.005 min  
 Lab File: BG064490.D  
 Acq: 3 Oct 2025 16:57

Instrument : BNA\_G  
 ClientSampleId : PB169973BSD

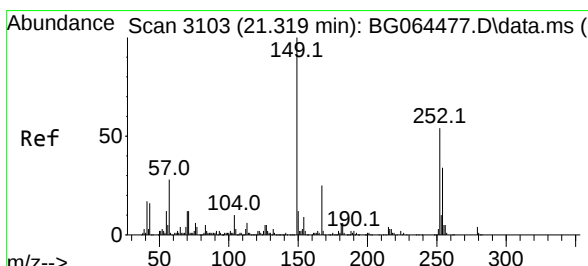
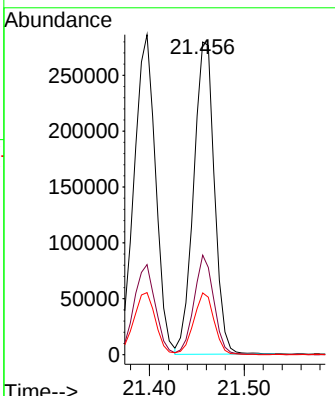
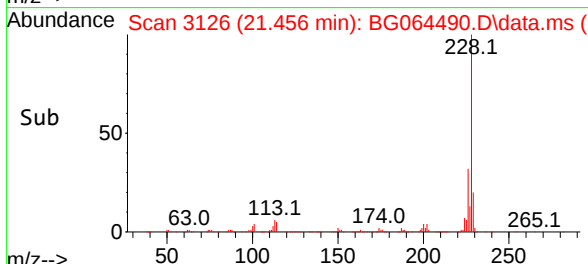


Tgt Ion:228 Resp: 424681

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 228 | 100   |       |       |
| 226 | 31.8  | 22.8  | 34.2  |
| 229 | 19.7  | 15.4  | 23.0  |

Manual Integrations  
 APPROVED

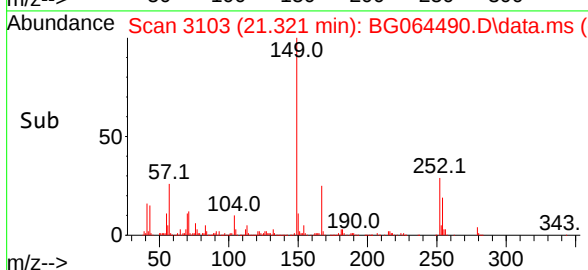
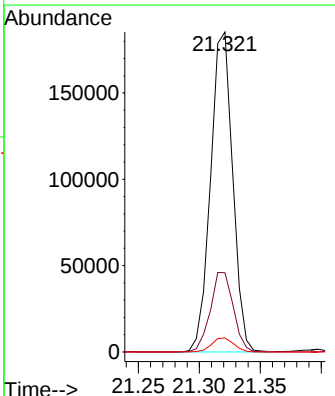
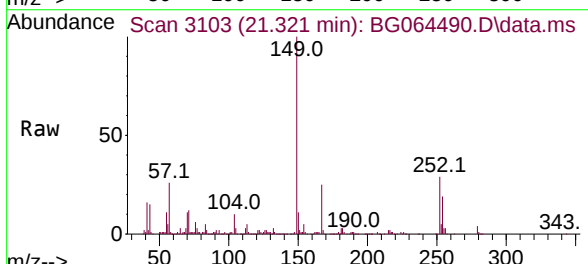
Reviewed By :Rahul Chavli 10/06/2025  
 Supervised By :Jagrut Upadhyay 10/06/2025

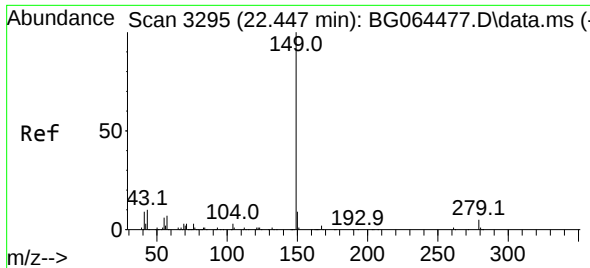


#84  
 Bis(2-ethylhexyl)phthalate  
 Concen: 50.979 ng  
 RT: 21.321 min Scan# 3103  
 Delta R.T. 0.005 min  
 Lab File: BG064490.D  
 Acq: 3 Oct 2025 16:57

Tgt Ion:149 Resp: 234171

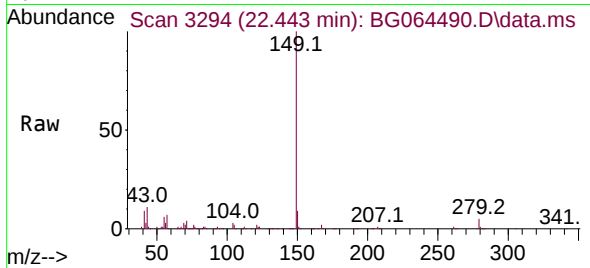
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 149 | 100   |       |       |
| 167 | 24.7  | 19.7  | 29.5  |
| 279 | 4.3   | 3.4   | 5.2   |





#85  
Di-n-octyl phthalate  
Concen: 50.334 ng  
RT: 22.443 min Scan# 31  
Delta R.T. 0.005 min  
Lab File: BG064490.D  
Acq: 3 Oct 2025 16:57

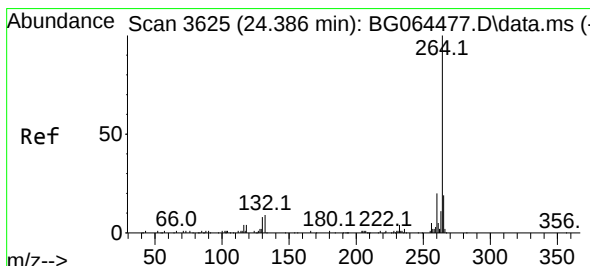
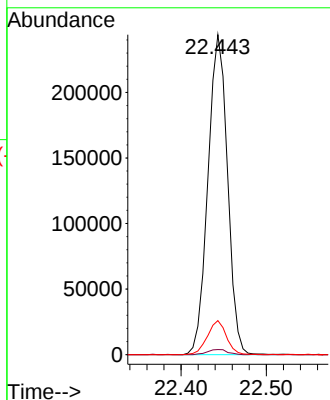
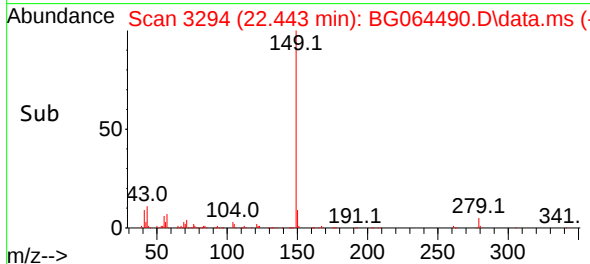
Instrument :  
BNA\_G  
ClientSampleId :  
PB169973BSD



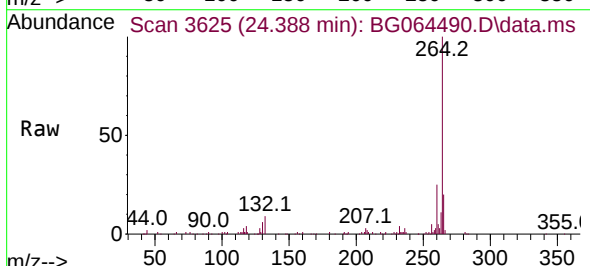
Tgt Ion:149 Resp: 388583  
Ion Ratio Lower Upper  
149 100  
167 1.6 1.4 2.0  
43 10.3 7.9 11.9

Manual Integrations  
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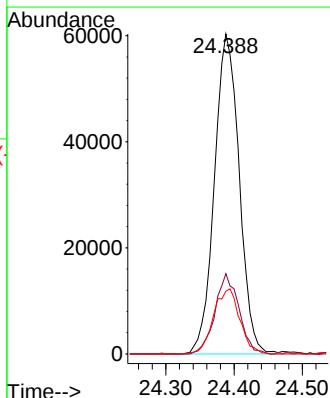
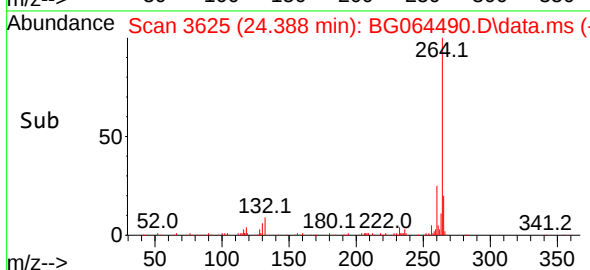
Reviewed By :Rahul Chavli 10/06/2025  
Supervised By :Jagrut Upadhyay 10/06/2025

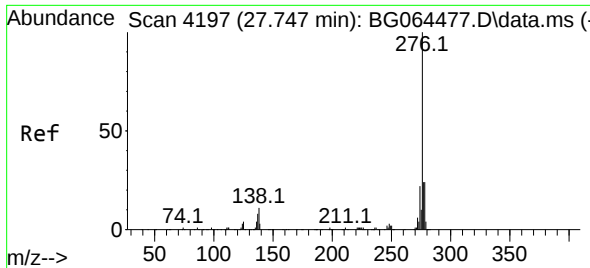


#86  
Perylene-d12  
Concen: 20.000 ng  
RT: 24.388 min Scan# 3625  
Delta R.T. -0.001 min  
Lab File: BG064490.D  
Acq: 3 Oct 2025 16:57



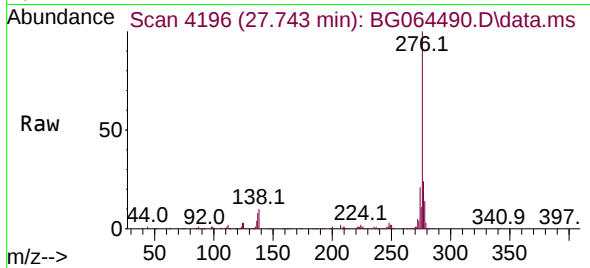
Tgt Ion:264 Resp: 151583  
Ion Ratio Lower Upper  
264 100  
260 25.1 16.2 24.4#  
265 19.6 15.0 22.4





#87  
 Indeno(1,2,3-cd)pyrene  
 Concen: 51.237 ng  
 RT: 27.743 min Scan# 4197  
 Delta R.T. 0.010 min  
 Lab File: BG064490.D  
 Acq: 3 Oct 2025 16:57

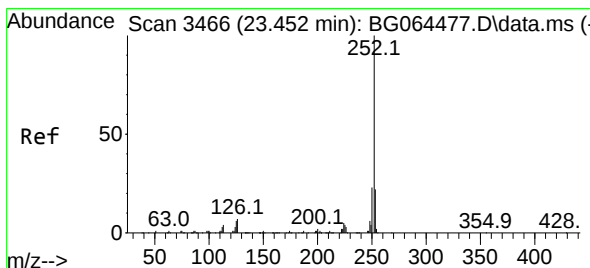
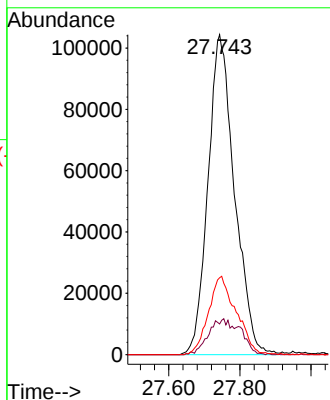
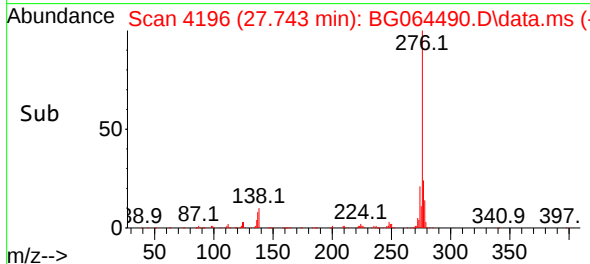
Instrument :  
 BNA\_G  
 ClientSampleId :  
 PB169973BSD



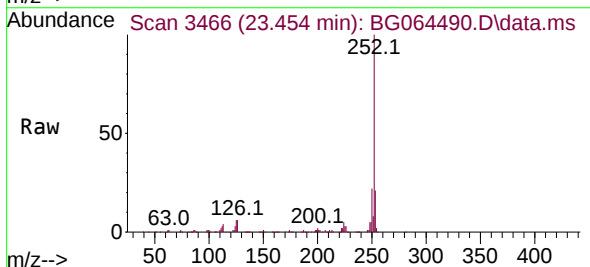
Tgt Ion:276 Resp: 540606  
 Ion Ratio Lower Upper  
 276 100  
 138 9.8 10.8 16.2  
 277 25.6 20.3 30.5

Manual Integrations  
 APPROVED

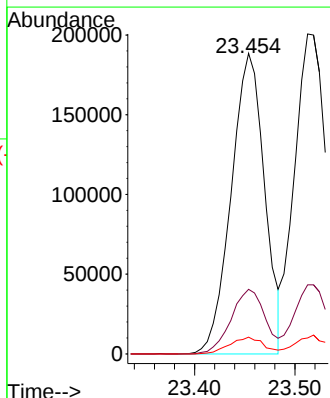
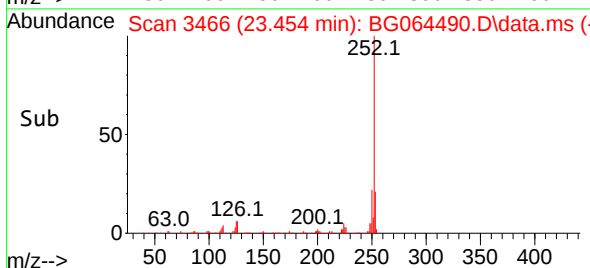
Reviewed By :Rahul Chavli 10/06/2025  
 Supervised By :Jagrut Upadhyay 10/06/2025

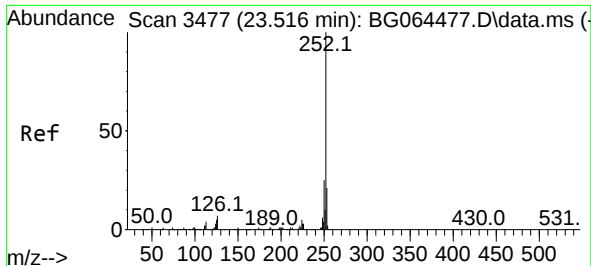


#88  
 Benzo(b)fluoranthene  
 Concen: 50.425 ng  
 RT: 23.454 min Scan# 3466  
 Delta R.T. 0.005 min  
 Lab File: BG064490.D  
 Acq: 3 Oct 2025 16:57



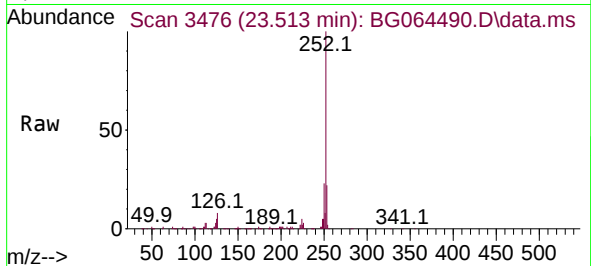
Tgt Ion:252 Resp: 434847  
 Ion Ratio Lower Upper  
 252 100  
 253 21.5 17.5 26.3  
 125 5.6 4.5 6.7





#89  
Benzo(k)fluoranthene  
Concen: 51.716 ng  
RT: 23.513 min Scan# 3477  
Delta R.T. 0.005 min  
Lab File: BG064490.D  
Acq: 3 Oct 2025 16:57

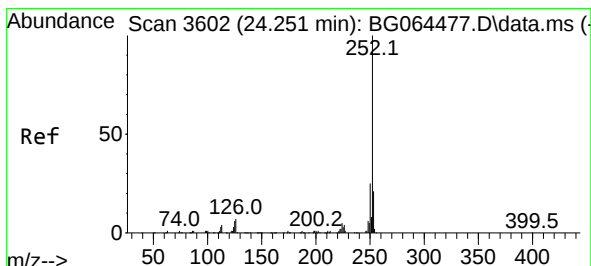
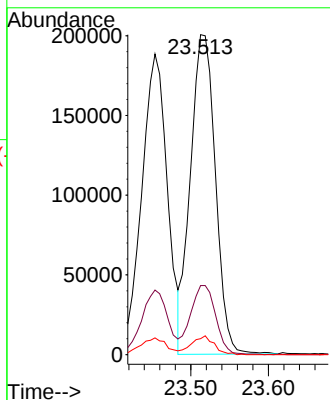
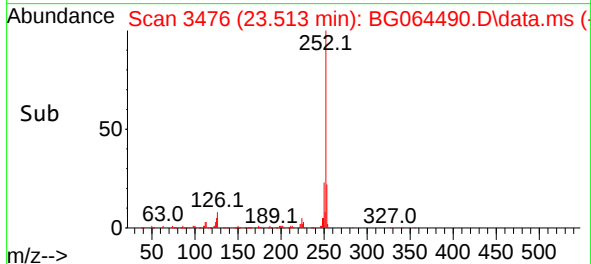
Instrument :  
BNA\_G  
ClientSampleId :  
PB169973BSD



Tgt Ion:252 Resp: 449174  
Ion Ratio Lower Upper  
252 100  
253 21.6 17.4 26.2  
125 5.0 4.0 6.0

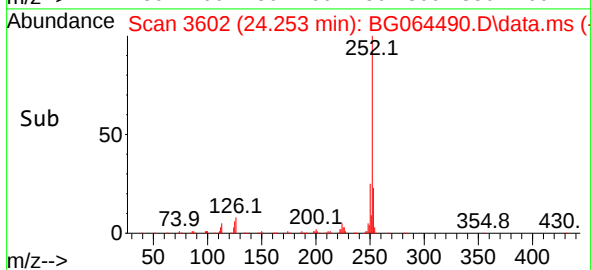
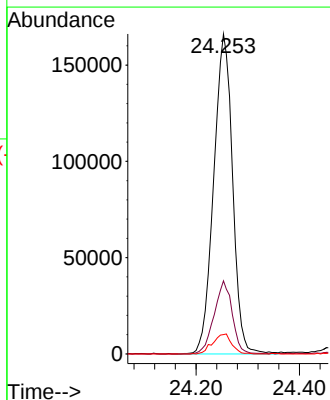
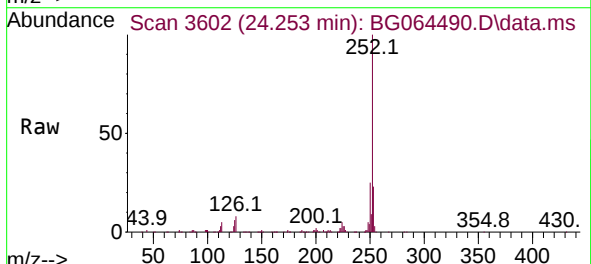
Manual Integrations  
APPROVED

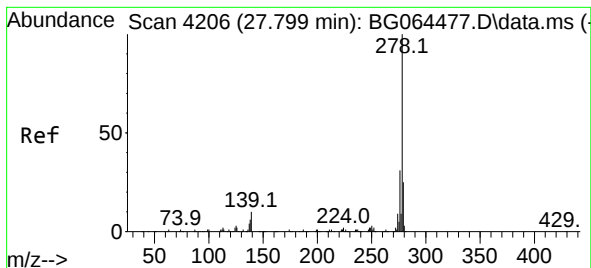
Reviewed By :Rahul Chavli 10/06/2025  
Supervised By :Jagrut Upadhyay 10/06/2025



#90  
Benzo(a)pyrene  
Concen: 53.252 ng  
RT: 24.253 min Scan# 3602  
Delta R.T. 0.005 min  
Lab File: BG064490.D  
Acq: 3 Oct 2025 16:57

Tgt Ion:252 Resp: 423237  
Ion Ratio Lower Upper  
252 100  
253 22.8 17.1 25.7  
125 6.0 4.6 6.8





#91

Dibenzo(a,h)anthracene

Concen: 52.434 ng

RT: 27.796 min Scan# 41

Delta R.T. 0.016 min

Lab File: BG064490.D

Acq: 3 Oct 2025 16:57

Instrument :

BNA\_G

ClientSampleId :

PB169973BSD

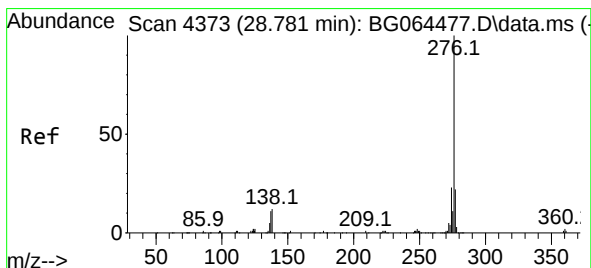
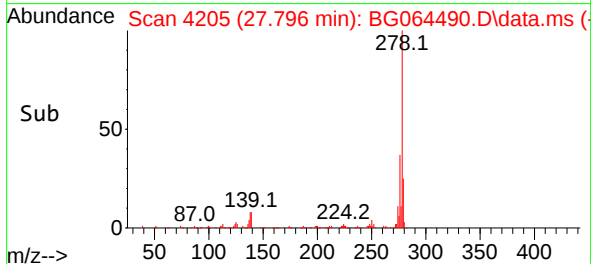
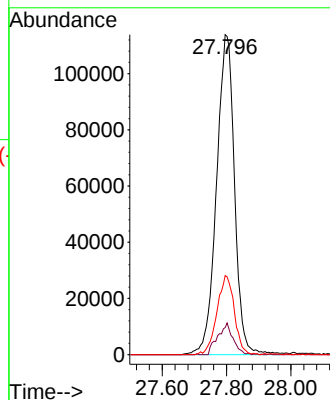
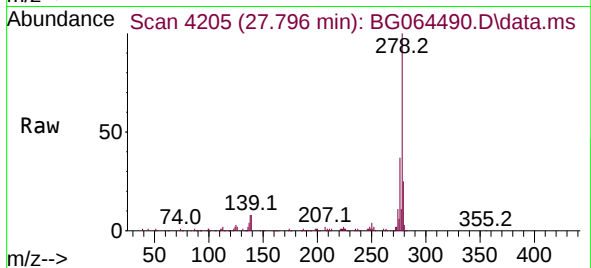
Tgt Ion:278 Resp: 442421  
 Ion Ratio Lower Upper  
 278 100  
 139 8.4 8.2 12.2  
 279 24.7 19.6 29.4

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 10/06/2025

Supervised By :Jagrut Upadhyay 10/06/2025



#92

Benzo(g,h,i)perylene

Concen: 52.749 ng

RT: 28.789 min Scan# 4374

Delta R.T. 0.022 min

Lab File: BG064490.D

Acq: 3 Oct 2025 16:57

Tgt Ion:276 Resp: 432535  
 Ion Ratio Lower Upper  
 276 100  
 277 21.3 17.8 26.6  
 138 12.3 9.4 14.0

