

Data Path : Z:\svoasrv\HPCHEM1\BNA\_G\Data\BG090425\  
 Data File : BG064285.D  
 Acq On : 4 Sep 2025 17:23  
 Operator : RC/JU  
 Sample : PB169528BS  
 Misc :  
 ALS Vial : 9 Sample Multiplier: 1

Instrument :  
 BNA\_G  
 ClientSampleId :  
 PB169528BS

Manual Integrations  
 APPROVED

Reviewed By :Rahul  
 Chavli

09/05/2025

Supervised By :Jagrut

Upadhyay

09/05/2025

Quant Time: Sep 04 18:01:58 2025  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_G\Methods\8270-BG082825.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Thu Aug 28 17:41:58 2025  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc    | Units | Dev(Min) |
|-------------------------------|--------|------|----------|---------|-------|----------|
| Internal Standards            |        |      |          |         |       |          |
| 1) 1,4-Dichlorobenzene-d4     | 7.852  | 152  | 22601    | 20.000  | ng    | 0.00     |
| 21) Naphthalene-d8            | 10.643 | 136  | 102242   | 20.000  | ng    | 0.00     |
| 39) Acenaphthene-d10          | 14.480 | 164  | 76146    | 20.000  | ng    | 0.00     |
| 64) Phenanthrene-d10          | 17.218 | 188  | 180175   | 20.000  | ng    | 0.00     |
| 76) Chrysene-d12              | 21.454 | 240  | 177813   | 20.000  | ng    | # 0.00   |
| 86) Perylene-d12              | 24.462 | 264  | 197000   | 20.000  | ng    | 0.00     |
| System Monitoring Compounds   |        |      |          |         |       |          |
| 5) 2-Fluorophenol             | 5.443  | 112  | 178173   | 141.436 | ng    | 0.00     |
| 7) Phenol-d6                  | 7.030  | 99   | 241479   | 139.529 | ng    | 0.00     |
| 23) Nitrobenzene-d5           | 9.010  | 82   | 171360   | 93.472  | ng    | 0.00     |
| 42) 2,4,6-Tribromophenol      | 15.966 | 330  | 153227   | 151.922 | ng    | 0.00     |
| 45) 2-Fluorobiphenyl          | 13.105 | 172  | 440082   | 88.215  | ng    | 0.00     |
| 79) Terphenyl-d14             | 19.838 | 244  | 830980   | 97.502  | ng    | 0.00     |
| Target Compounds              |        |      |          |         |       |          |
|                               |        |      |          |         |       | Qvalue   |
| 2) 1,4-Dioxane                | 3.352  | 88   | 19875    | 37.852  | ng    | 95       |
| 3) Pyridine                   | 3.740  | 79   | 52242    | 33.800  | ng    | # 59     |
| 4) n-Nitrosodimethylamine     | 3.657  | 42   | 45939    | 44.935  | ng    | # 92     |
| 6) Aniline                    | 7.183  | 93   | 71393    | 29.830  | ng    | 98       |
| 8) 2-Chlorophenol             | 7.423  | 128  | 75852    | 49.274  | ng    | 97       |
| 9) Benzaldehyde               | 6.995  | 77   | 34667    | 24.340  | ng    | 98       |
| 10) Phenol                    | 7.053  | 94   | 89594    | 46.955  | ng    | 90       |
| 11) bis(2-Chloroethyl)ether   | 7.277  | 93   | 60745    | 42.366  | ng    | 93       |
| 12) 1,3-Dichlorobenzene       | 7.747  | 146  | 76574    | 46.758  | ng    | 97       |
| 13) 1,4-Dichlorobenzene       | 7.888  | 146  | 78314    | 47.383  | ng    | 96       |
| 14) 1,2-Dichlorobenzene       | 8.205  | 146  | 76898    | 48.207  | ng    | 96       |
| 15) Benzyl Alcohol            | 8.093  | 79   | 76433    | 47.857  | ng    | 94       |
| 16) 2,2'-oxybis(1-Chloropr... | 8.387  | 45   | 123629   | 37.766  | ng    | 99       |
| 17) 2-Methylphenol            | 8.299  | 107  | 65532    | 46.082  | ng    | 97       |
| 18) Hexachloroethane          | 8.933  | 117  | 29598    | 45.876  | ng    | 90       |
| 19) n-Nitroso-di-n-propyla... | 8.657  | 70   | 55878    | 42.187  | ng    | # 94     |
| 20) 3+4-Methylphenols         | 8.622  | 107  | 89021    | 45.052  | ng    | 95       |
| 22) Acetophenone              | 8.669  | 105  | 116812   | 45.160  | ng    | # 97     |
| 24) Nitrobenzene              | 9.051  | 77   | 86809    | 45.321  | ng    | 96       |
| 25) Isophorone                | 9.574  | 82   | 159405   | 41.837  | ng    | 99       |
| 26) 2-Nitrophenol             | 9.756  | 139  | 41949    | 50.685  | ng    | # 83     |
| 27) 2,4-Dimethylphenol        | 9.821  | 122  | 76785    | 52.843  | ng    | 95       |
| 28) bis(2-Chloroethoxy)met... | 10.056 | 93   | 88835    | 43.240  | ng    | 96       |
| 29) 2,4-Dichlorophenol        | 10.297 | 162  | 78625    | 51.282  | ng    | 94       |
| 30) 1,2,4-Trichlorobenzene    | 10.508 | 180  | 80901    | 50.045  | ng    | 96       |
| 31) Naphthalene               | 10.690 | 128  | 236256   | 44.561  | ng    | 97       |
| 32) Benzoic acid              | 9.979  | 122  | 58173m   | 50.434  | ng    |          |
| 33) 4-Chloroaniline           | 10.802 | 127  | 37142    | 18.075  | ng    | 97       |
| 34) Hexachlorobutadiene       | 10.984 | 225  | 59311    | 49.634  | ng    | 96       |
| 35) Caprolactam               | 11.572 | 113  | 27465m   | 46.264  | ng    |          |
| 36) 4-Chloro-3-methylphenol   | 11.930 | 107  | 93724    | 47.115  | ng    | 90       |
| 37) 2-Methylnaphthalene       | 12.300 | 142  | 163776   | 41.559  | ng    | 93       |
| 38) 1-Methylnaphthalene       | 12.523 | 142  | 172043   | 44.199  | ng    | 95       |
| 40) 1,2,4,5-Tetrachloroben... | 12.670 | 216  | 102168   | 46.502  | ng    | 98       |
| 41) Hexachlorocyclopentadiene | 12.658 | 237  | 150486   | 144.118 | ng    | 98       |
| 43) 2,4,6-Trichlorophenol     | 12.911 | 196  | 70739    | 48.172  | ng    | 90       |

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Reviewed By :Rahul  
 Chavli

09/05/2025

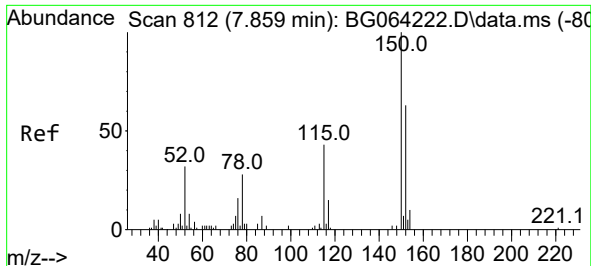
Supervised By :Jagrut  
 Upadhyay  
 09/05/2025

Quant Time: Sep 04 18:01:58 2025  
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| Compound                      | R.T.   | QIon | Response | Conc    | Units | Dev(Min) |
|-------------------------------|--------|------|----------|---------|-------|----------|
| 44) 2,4,5-Trichlorophenol     | 12.988 | 196  | 78326    | 49.170  | ng    | 92       |
| 46) 1,1'-Biphenyl             | 13.317 | 154  | 252987   | 45.615  | ng    | 99       |
| 47) 2-Chloronaphthalene       | 13.358 | 162  | 186927   | 44.832  | ng    | 99       |
| 48) 2-Nitroaniline            | 13.557 | 65   | 69014    | 48.563  | ng    | 94       |
| 49) Acenaphthylene            | 14.204 | 152  | 318502   | 51.676  | ng    | 99       |
| 50) Dimethylphthalate         | 13.939 | 163  | 254450   | 44.148  | ng    | 98       |
| 51) 2,6-Dinitrotoluene        | 14.057 | 165  | 55301    | 49.562  | ng    | 96       |
| 52) Acenaphthene              | 14.544 | 154  | 185177   | 42.573  | ng    | 98       |
| 53) 3-Nitroaniline            | 14.380 | 138  | 34367    | 29.404  | ng    | 94       |
| 54) 2,4-Dinitrophenol         | 14.592 | 184  | 73507    | 99.360  | ng    | # 82     |
| 55) Dibenzofuran              | 14.879 | 168  | 309497   | 45.238  | ng    | 98       |
| 56) 4-Nitrophenol             | 14.703 | 139  | 92564    | 96.546  | ng    | # 89     |
| 57) 2,4-Dinitrotoluene        | 14.844 | 165  | 85701    | 50.798  | ng    | # 96     |
| 58) Fluorene                  | 15.526 | 166  | 260231   | 46.407  | ng    | 98       |
| 59) 2,3,4,6-Tetrachlorophenol | 15.109 | 232  | 80810    | 52.744  | ng    | 96       |
| 60) Diethylphthalate          | 15.308 | 149  | 284583   | 46.136  | ng    | 98       |
| 61) 4-Chlorophenyl-phenyle... | 15.526 | 204  | 131960   | 47.199  | ng    | 99       |
| 62) 4-Nitroaniline            | 15.549 | 138  | 59521    | 49.907  | ng    | 95       |
| 63) Azobenzene                | 15.814 | 77   | 248278   | 45.160  | ng    | 95       |
| 65) 4,6-Dinitro-2-methylph... | 15.608 | 198  | 57217    | 55.312  | ng    | 91       |
| 66) n-Nitrosodiphenylamine    | 15.737 | 169  | 229110   | 46.225  | ng    | 96       |
| 67) 4-Bromophenyl-phenylether | 16.419 | 248  | 92754    | 48.469  | ng    | 93       |
| 68) Hexachlorobenzene         | 16.530 | 284  | 103201   | 48.563  | ng    | 93       |
| 69) Atrazine                  | 16.689 | 200  | 98868    | 47.773  | ng    | 98       |
| 70) Pentachlorophenol         | 16.877 | 266  | 135967   | 105.520 | ng    | 93       |
| 71) Phenanthrene              | 17.265 | 178  | 431834   | 45.442  | ng    | 98       |
| 72) Anthracene                | 17.353 | 178  | 442063   | 45.731  | ng    | 99       |
| 73) Carbazole                 | 17.623 | 167  | 393948   | 46.261  | ng    | 99       |
| 74) Di-n-butylphthalate       | 18.187 | 149  | 472287   | 46.163  | ng    | 98       |
| 75) Fluoranthene              | 19.274 | 202  | 514249   | 46.023  | ng    | 98       |
| 77) Benzidine                 | 19.456 | 184  | 139324   | 37.247  | ng    | 99       |
| 78) Pyrene                    | 19.633 | 202  | 523905   | 46.767  | ng    | 99       |
| 80) Butylbenzylphthalate      | 20.532 | 149  | 212518   | 50.297  | ng    | 93       |
| 81) Benzo(a)anthracene        | 21.431 | 228  | 543742   | 47.798  | ng    | 100      |
| 82) 3,3'-Dichlorobenzidine    | 21.354 | 252  | 94815    | 25.592  | ng    | 97       |
| 83) Chrysene                  | 21.495 | 228  | 508906   | 46.599  | ng    | 99       |
| 84) Bis(2-ethylhexyl)phtha... | 21.360 | 149  | 298447   | 47.047  | ng    | # 99     |
| 85) Di-n-octyl phthalate      | 22.500 | 149  | 520514   | 47.092  | ng    | 97       |
| 87) Indeno(1,2,3-cd)pyrene    | 27.847 | 276  | 646102   | 48.025  | ng    | # 97     |
| 88) Benzo(b)fluoranthene      | 23.510 | 252  | 525396   | 47.254  | ng    | 98       |
| 89) Benzo(k)fluoranthene      | 23.575 | 252  | 541248   | 47.783  | ng    | # 98     |
| 90) Benzo(a)pyrene            | 24.321 | 252  | 521510   | 50.423  | ng    | 97       |
| 91) Dibenzo(a,h)anthracene    | 27.917 | 278  | 527785   | 48.861  | ng    | 97       |
| 92) Benzo(g,h,i)perylene      | 28.910 | 276  | 512638   | 48.772  | ng    | 97       |

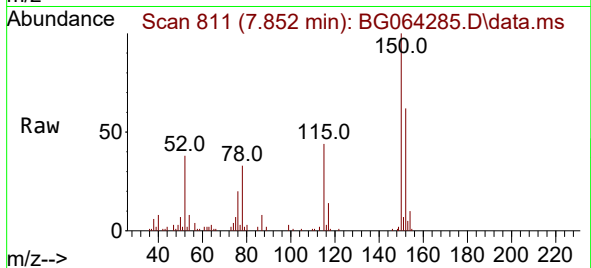
(#) = qualifier out of range (m) = manual integration (+) = signals summed





#1  
1,4-Dichlorobenzene-d4  
Concen: 20.000 ng  
RT: 7.852 min Scan# 81  
Delta R.T. -0.007 min  
Lab File: BG064285.D  
Acq: 4 Sep 2025 17:23

Instrument :  
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PB169528BS

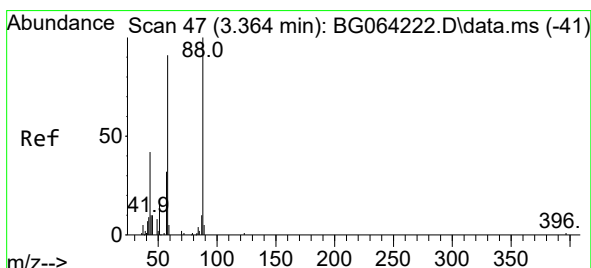
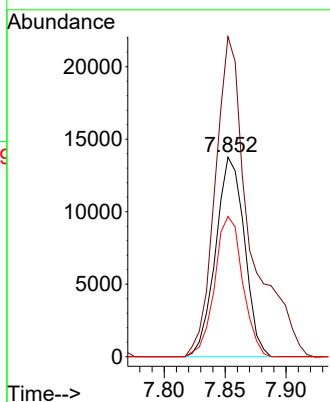
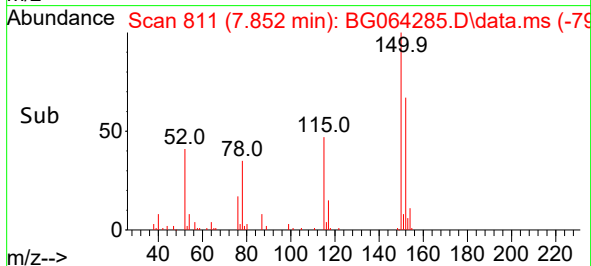


Tgt Ion:152 Resp: 2260  
Ion Ratio Lower Upper  
152 100  
150 160.4 128.0 192.0  
115 70.3 55.7 83.5

Manual Integrations  
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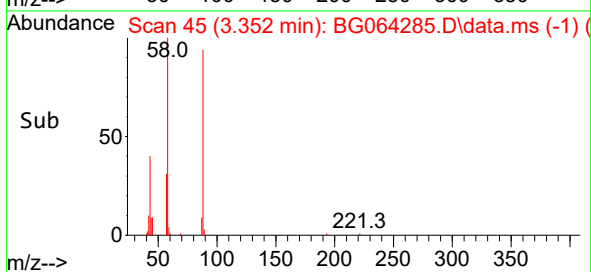
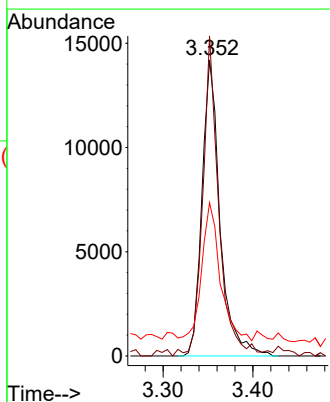
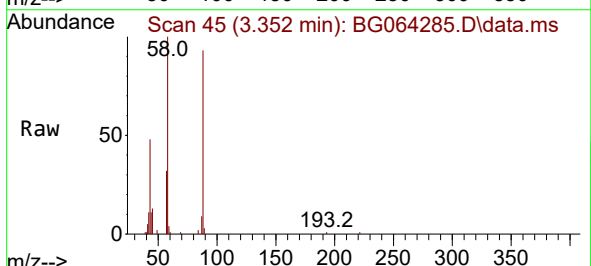
Reviewed By :Rahul  
Chavli  
09/05/2025

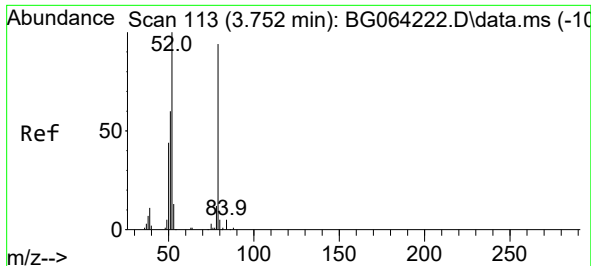
Supervised By :Jagrut  
Upadhyay  
09/05/2025



#2  
1,4-Dioxane  
Concen: 37.852 ng  
RT: 3.352 min Scan# 45  
Delta R.T. -0.007 min  
Lab File: BG064285.D  
Acq: 4 Sep 2025 17:23

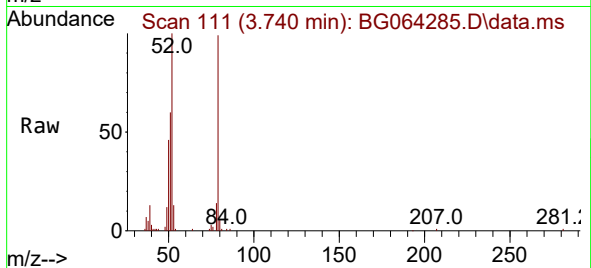
Tgt Ion: 88 Resp: 19875  
Ion Ratio Lower Upper  
88 100  
58 95.5 80.8 121.2  
43 47.7 40.3 60.5





#3  
Pyridine  
Concen: 33.800 ng  
RT: 3.740 min Scan# 113  
Delta R.T. -0.013 min  
Lab File: BG064285.D  
Acq: 4 Sep 2025 17:23

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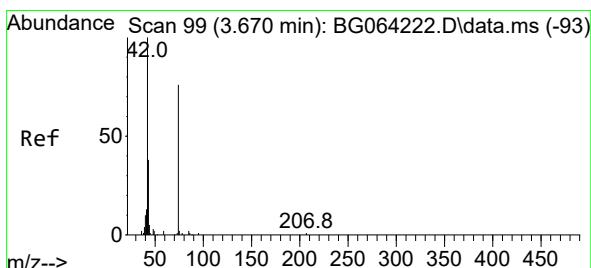
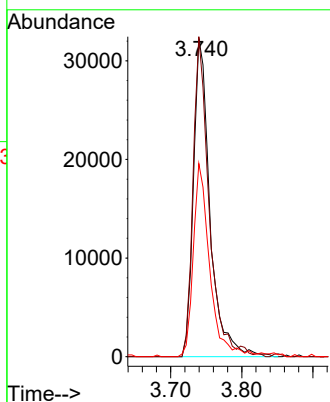
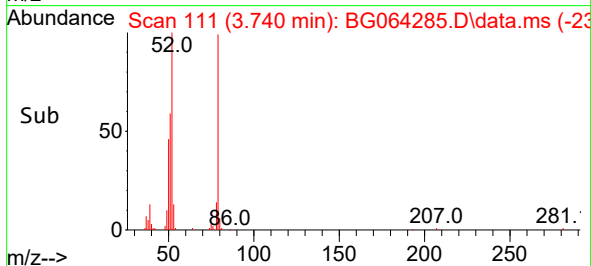


Tgt Ion: 79 Resp: 5224  
Ion Ratio Lower Upper  
79 100  
52 100.5 86.6 129.8  
51 60.7 114.1 171.1

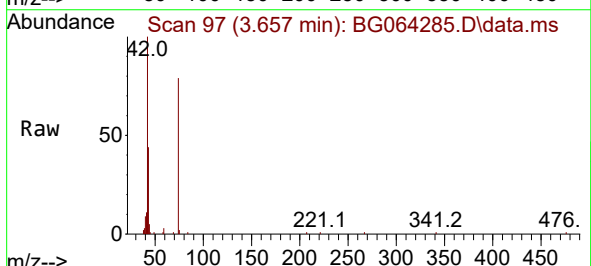
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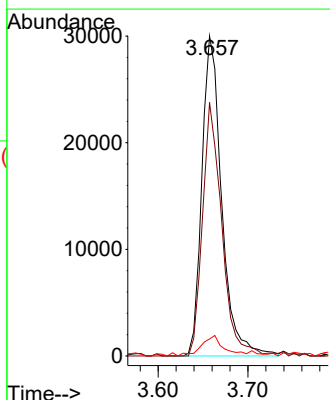
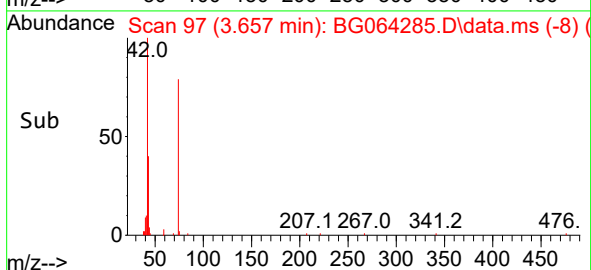
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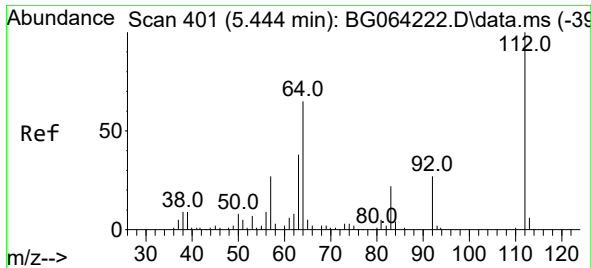


#4  
n-Nitrosodimethylamine  
Concen: 44.935 ng  
RT: 3.657 min Scan# 97  
Delta R.T. -0.007 min  
Lab File: BG064285.D  
Acq: 4 Sep 2025 17:23



Tgt Ion: 42 Resp: 45939  
Ion Ratio Lower Upper  
42 100  
74 79.2 58.0 87.0  
44 5.3 5.5 8.3





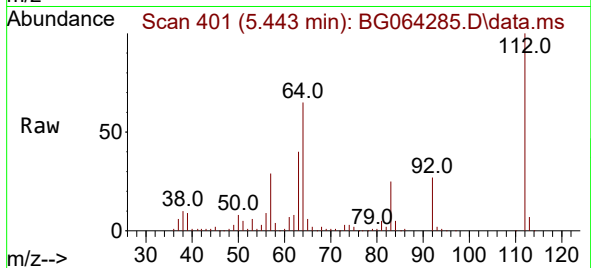
#5  
2-Fluorophenol  
Concen: 141.436 ng  
RT: 5.443 min Scan# 401  
Delta R.T. -0.001 min  
Lab File: BG064285.D  
Acq: 4 Sep 2025 17:23

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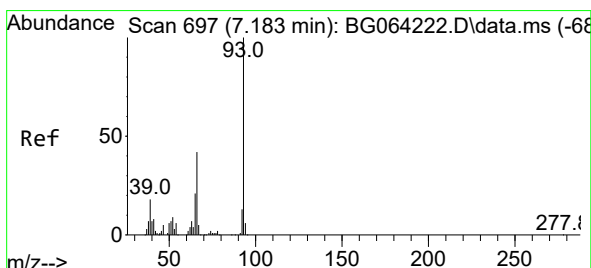
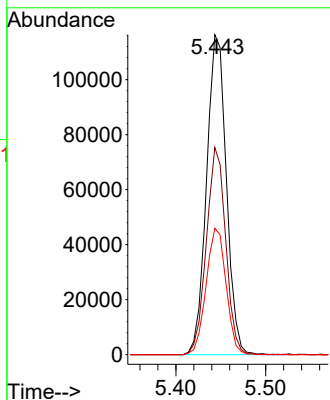
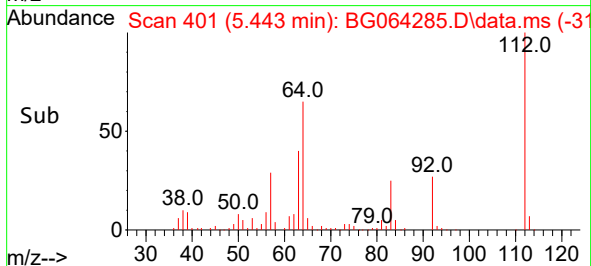
Tgt Ion:112 Resp: 17817  
Ion Ratio Lower Upper  
112 100  
64 64.7 51.8 77.6  
63 39.5 30.6 45.8

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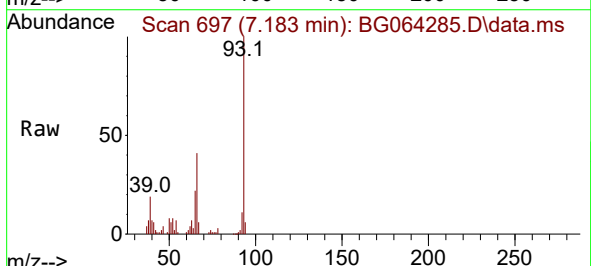
Reviewed By :Rahul  
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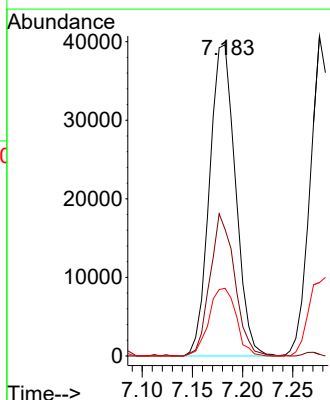
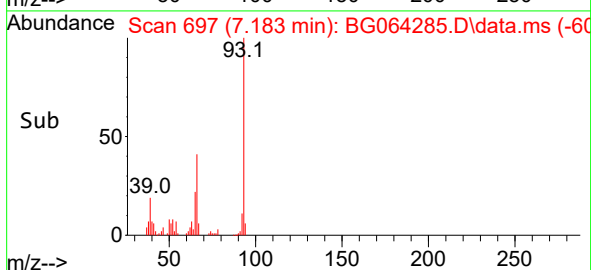
Supervised By :Jagrut  
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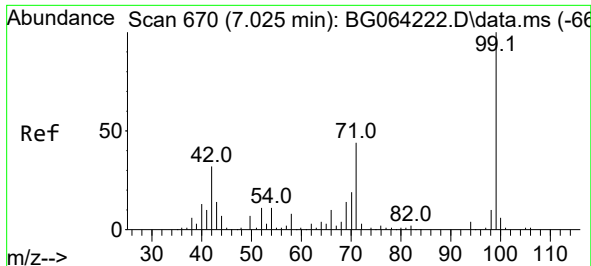


#6  
Aniline  
Concen: 29.830 ng  
RT: 7.183 min Scan# 697  
Delta R.T. -0.007 min  
Lab File: BG064285.D  
Acq: 4 Sep 2025 17:23



Tgt Ion: 93 Resp: 71393  
Ion Ratio Lower Upper  
93 100  
66 40.6 33.8 50.8  
65 21.7 16.9 25.3





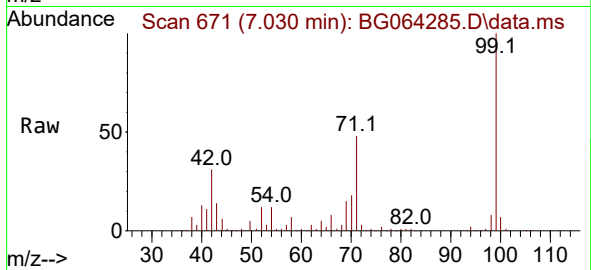
#7  
Phenol-d6  
Concen: 139.529 ng  
RT: 7.030 min Scan# 671  
Delta R.T. -0.001 min  
Lab File: BG064285.D  
Acq: 4 Sep 2025 17:23

Instrument :

BNA\_G

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PB169528BS



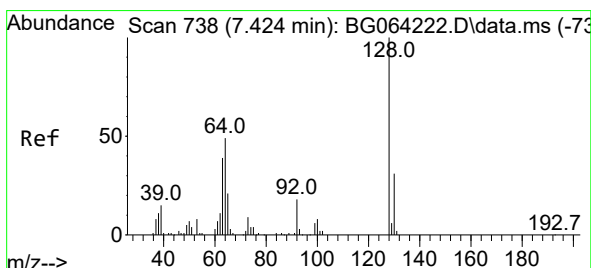
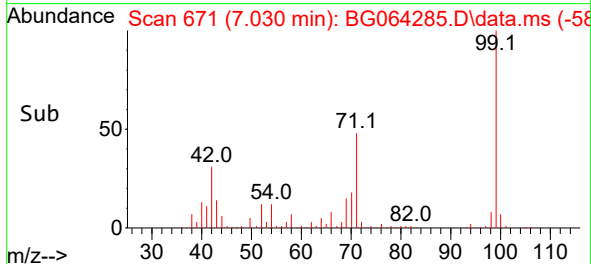
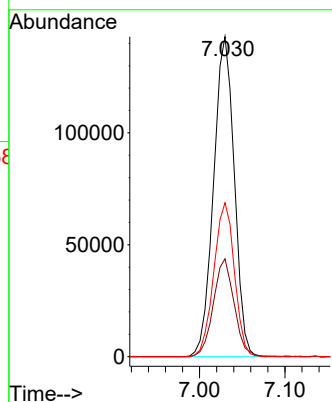
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Ion Ratio Lower Upper  
99 100  
42 30.6 25.8 38.8  
71 48.1 35.2 52.8

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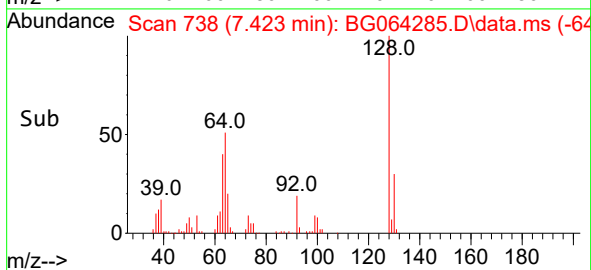
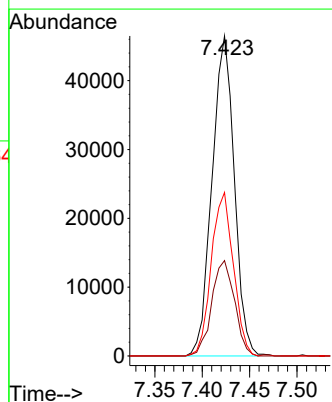
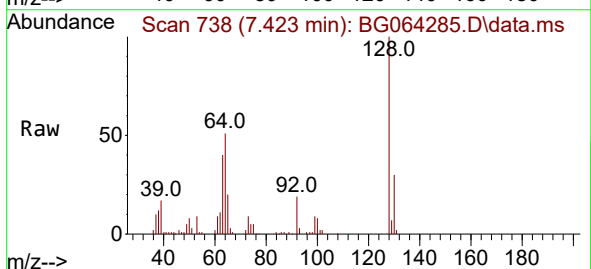
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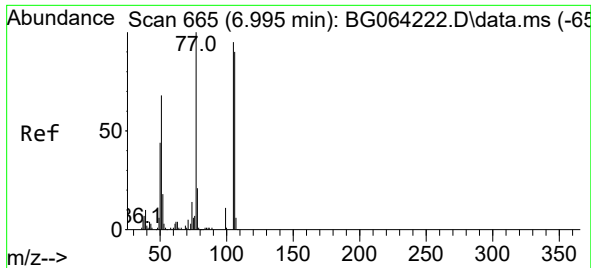
Supervised By :Jagrut  
Upadhyay  
09/05/2025



#8  
2-Chlorophenol  
Concen: 49.274 ng  
RT: 7.423 min Scan# 738  
Delta R.T. -0.001 min  
Lab File: BG064285.D  
Acq: 4 Sep 2025 17:23

Tgt Ion:128 Resp: 75852  
Ion Ratio Lower Upper  
128 100  
130 29.8 10.9 50.9  
64 51.1 28.7 68.7





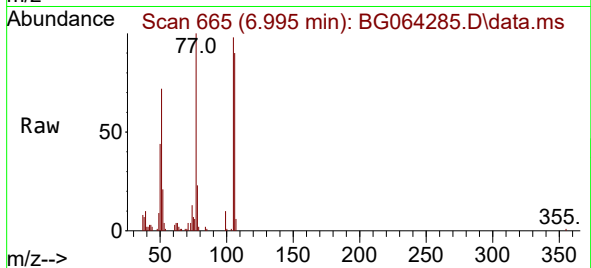
#9  
Benzaldehyde  
Concen: 24.340 ng  
RT: 6.995 min Scan# 60  
Delta R.T. -0.000 min  
Lab File: BG064285.D  
Acq: 4 Sep 2025 17:23

Instrument :

BNA\_G

ClientSampleId :

PB169528BS



Tgt Ion: 77 Resp: 3466  
Ion Ratio Lower Upper  
77 100  
105 98.4 75.2 115.2  
106 90.3 69.6 109.6

Manual Integrations  
APPROVED

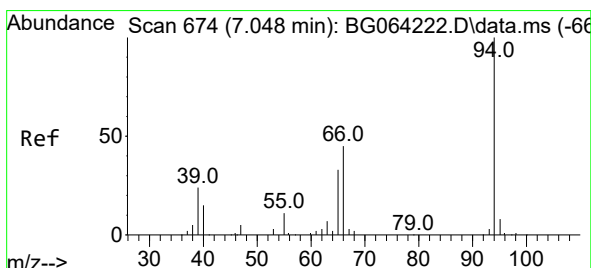
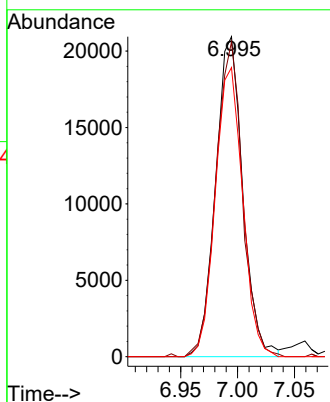
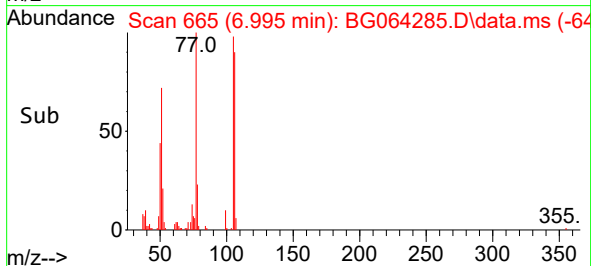
Reviewed By :Rahul  
Chavli

09/05/2025

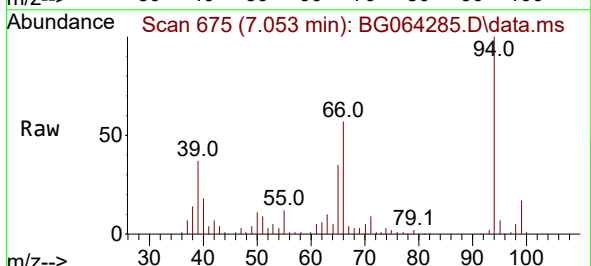
Supervised By :Jagrut

Upadhyay

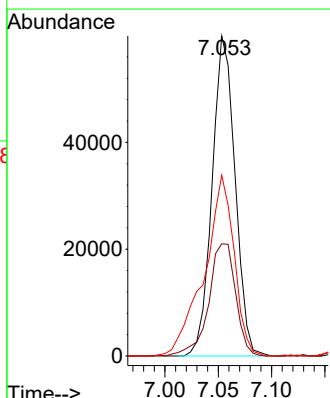
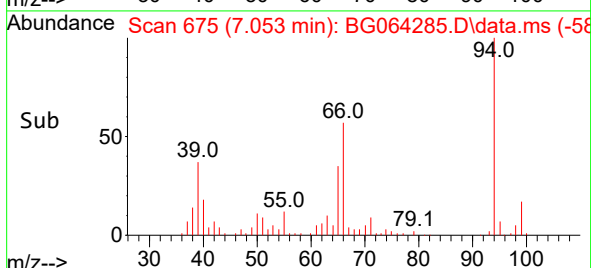
09/05/2025

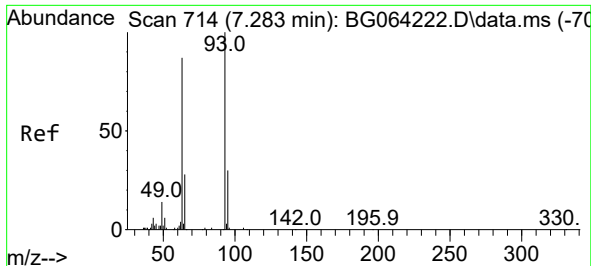


#10  
Phenol  
Concen: 46.955 ng  
RT: 7.053 min Scan# 675  
Delta R.T. -0.001 min  
Lab File: BG064285.D  
Acq: 4 Sep 2025 17:23



Tgt Ion: 94 Resp: 89594  
Ion Ratio Lower Upper  
94 100  
65 35.0 13.5 53.5  
66 56.5 26.2 66.2





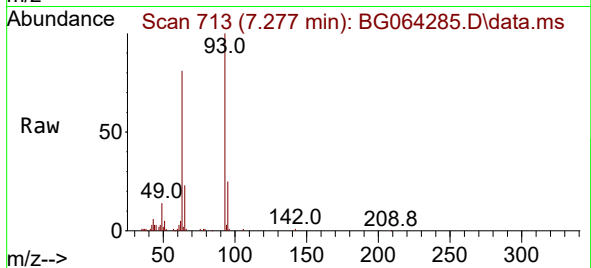
#11  
bis(2-Chloroethyl)ether  
Concen: 42.366 ng  
RT: 7.277 min Scan# 714  
Delta R.T. -0.007 min  
Lab File: BG064285.D  
Acq: 4 Sep 2025 17:23

Instrument :

BNA\_G

ClientSampleId :

PB169528BS



Tgt Ion: 93 Resp: 60745  
Ion Ratio Lower Upper  
93 100  
63 80.9 66.2 106.2  
95 24.8 9.8 49.8

Manual Integrations  
APPROVED

Reviewed By :Rahul

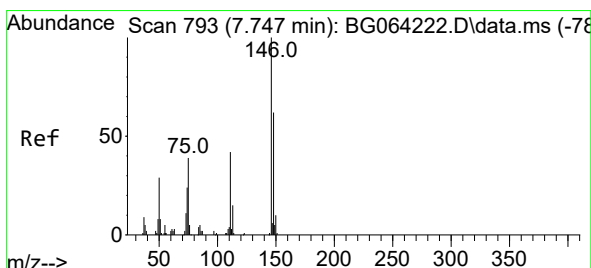
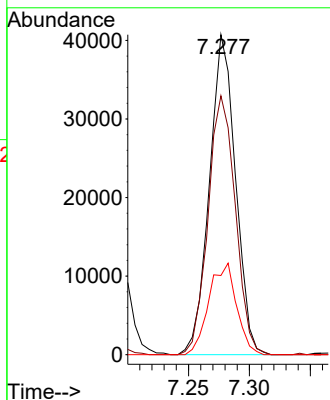
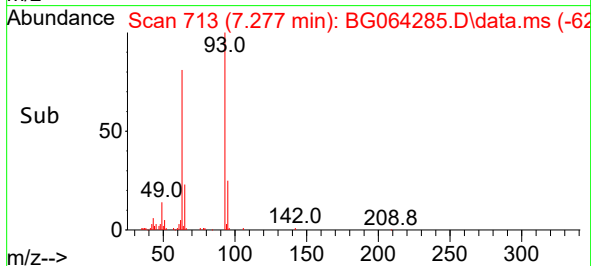
Chavli

09/05/2025

Supervised By :Jagrut

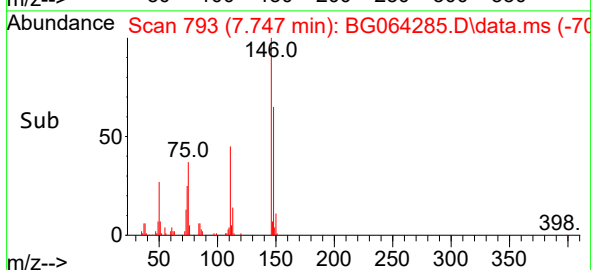
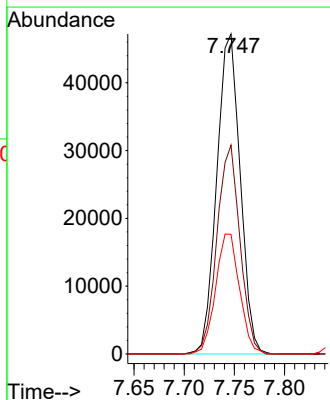
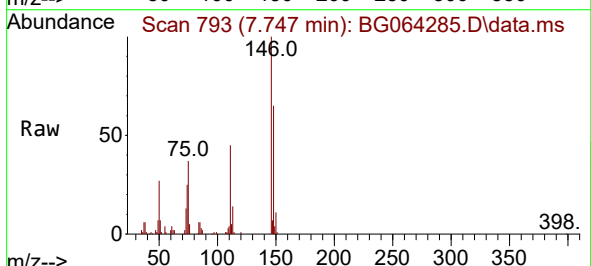
Upadhyay

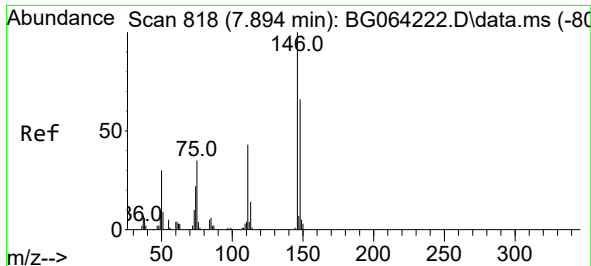
09/05/2025



#12  
1,3-Dichlorobenzene  
Concen: 46.758 ng  
RT: 7.747 min Scan# 793  
Delta R.T. -0.001 min  
Lab File: BG064285.D  
Acq: 4 Sep 2025 17:23

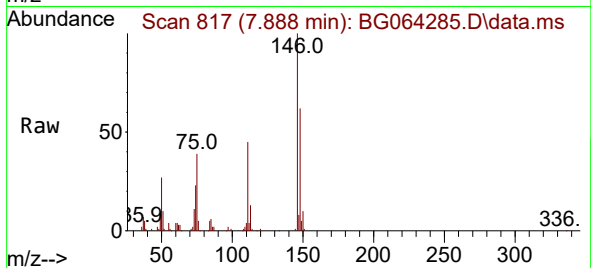
Tgt Ion:146 Resp: 76574  
Ion Ratio Lower Upper  
146 100  
148 65.3 49.6 74.4  
75 37.4 31.0 46.6





#13  
1,4-Dichlorobenzene  
Concen: 47.383 ng  
RT: 7.888 min Scan# 818  
Delta R.T. -0.007 min  
Lab File: BG064285.D  
Acq: 4 Sep 2025 17:23

Instrument :  
BNA\_G  
ClientSampleId :  
PB169528BS

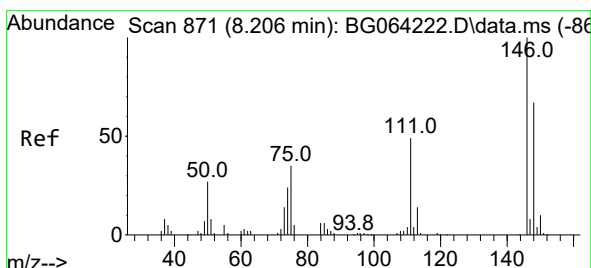
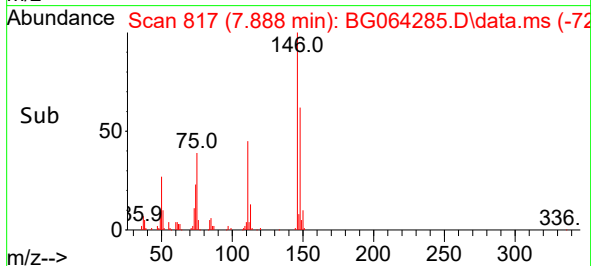
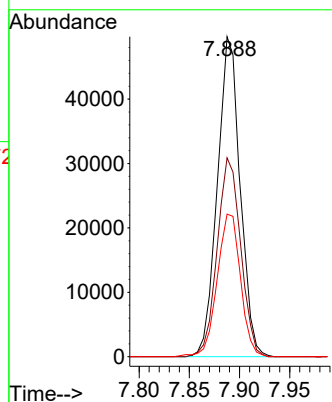


Tgt Ion:146 Resp: 78314  
Ion Ratio Lower Upper  
146 100  
148 62.2 52.8 79.2  
111 44.6 34.1 51.1

Manual Integrations  
APPROVED

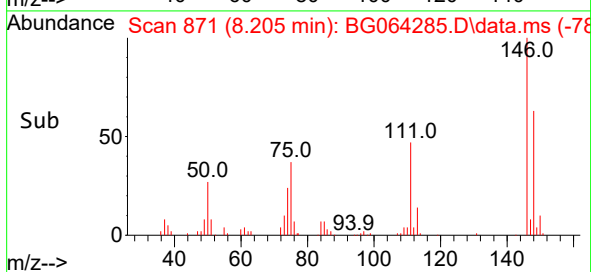
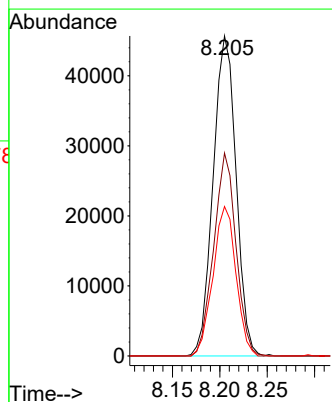
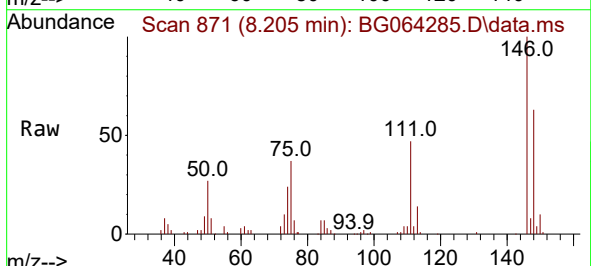
Reviewed By :Rahul  
Chavli  
09/05/2025

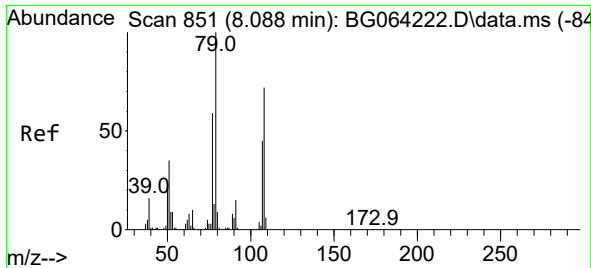
Supervised By :Jagrut  
Upadhyay  
09/05/2025



#14  
1,2-Dichlorobenzene  
Concen: 48.207 ng  
RT: 8.205 min Scan# 871  
Delta R.T. -0.007 min  
Lab File: BG064285.D  
Acq: 4 Sep 2025 17:23

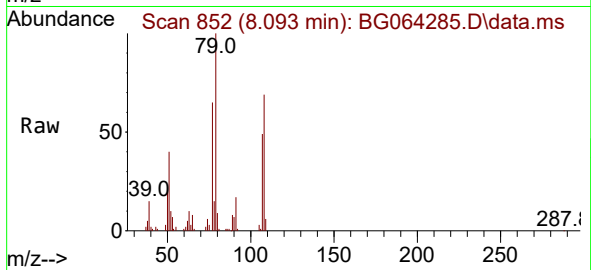
Tgt Ion:146 Resp: 76898  
Ion Ratio Lower Upper  
146 100  
148 63.4 53.4 80.0  
111 46.7 39.1 58.7





#15  
Benzyl Alcohol  
Concen: 47.857 ng  
RT: 8.093 min Scan# 801  
Delta R.T. -0.001 min  
Lab File: BG064285.D  
Acq: 4 Sep 2025 17:23

Instrument :  
BNA\_G  
ClientSampleId :  
PB169528BS

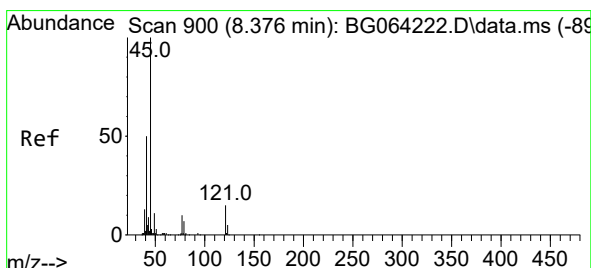
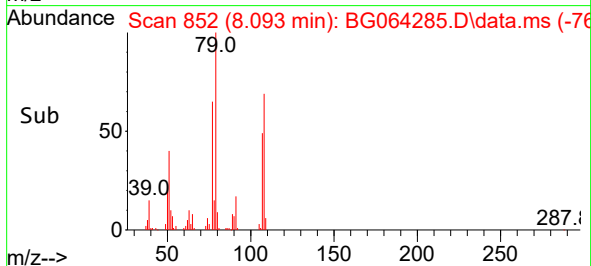
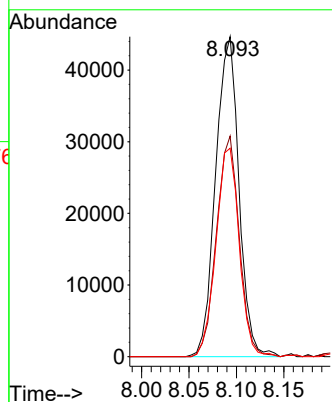


Tgt Ion: 79 Resp: 7643  
Ion Ratio Lower Upper  
79 100  
108 69.0 57.4 86.0  
77 65.1 47.2 70.8

Manual Integrations  
APPROVED

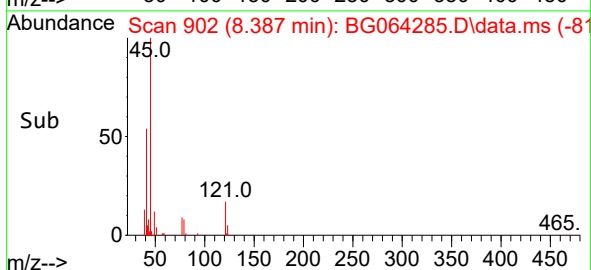
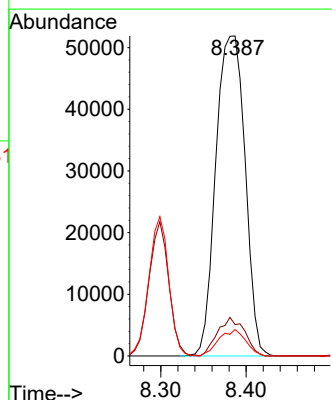
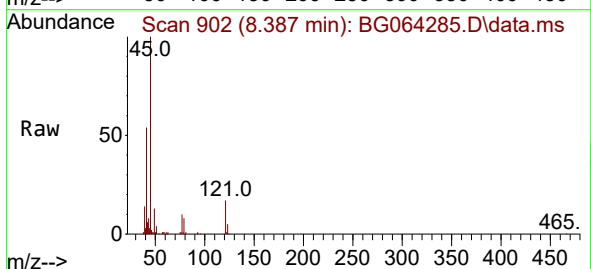
Reviewed By :Rahul  
Chavli  
09/05/2025

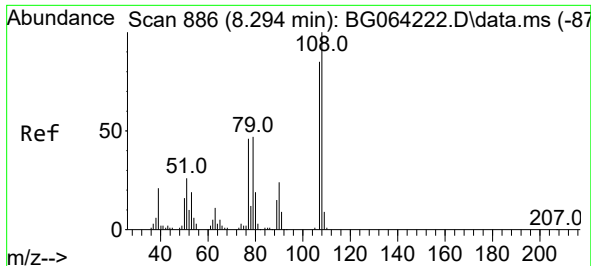
Supervised By :Jagrut  
Upadhyay  
09/05/2025



#16  
2,2'-oxybis(1-Chloropropane)  
Concen: 37.766 ng  
RT: 8.387 min Scan# 902  
Delta R.T. 0.011 min  
Lab File: BG064285.D  
Acq: 4 Sep 2025 17:23

Tgt Ion: 45 Resp: 123629  
Ion Ratio Lower Upper  
45 100  
77 9.8 0.0 30.0  
79 8.3 0.0 27.9





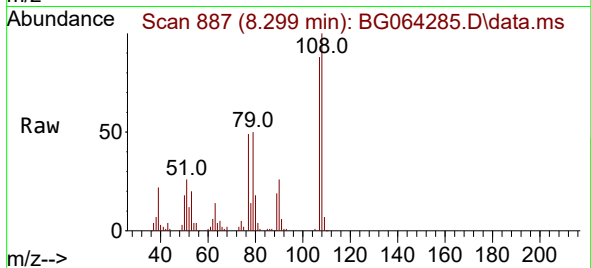
#17  
2-Methylphenol  
Concen: 46.082 ng  
RT: 8.299 min Scan# 886  
Delta R.T. -0.001 min  
Lab File: BG064285.D  
Acq: 4 Sep 2025 17:23

Instrument :

BNA\_G

ClientSampleId :

PB169528BS



Tgt Ion:107 Resp: 6553  
Ion Ratio Lower Upper  
107 100  
108 114.0 94.6 141.8  
77 55.4 43.7 65.5  
79 57.5 44.6 67.0

Manual Integrations  
APPROVED

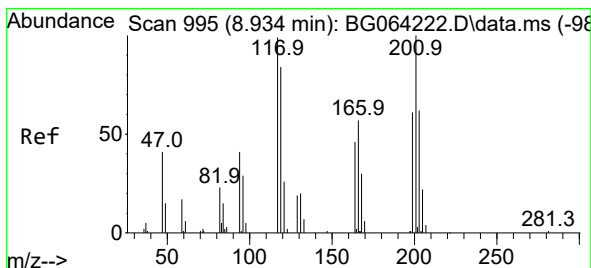
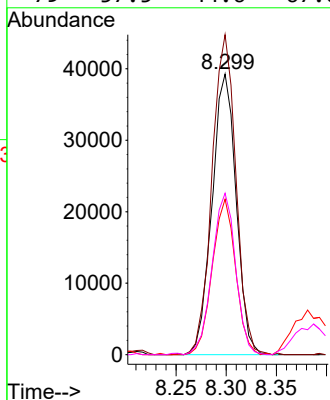
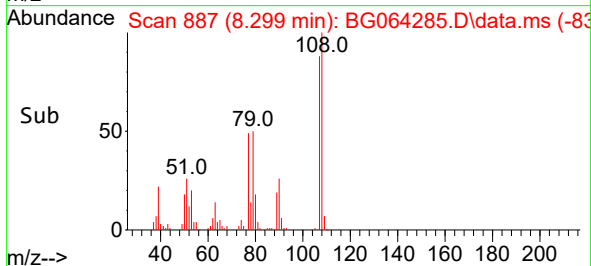
Reviewed By :Rahul  
Chavli

09/05/2025

Supervised By :Jagrut

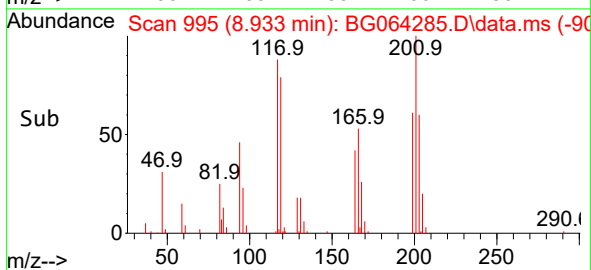
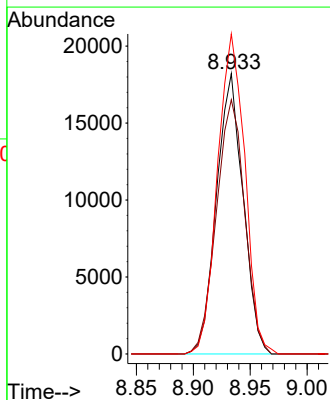
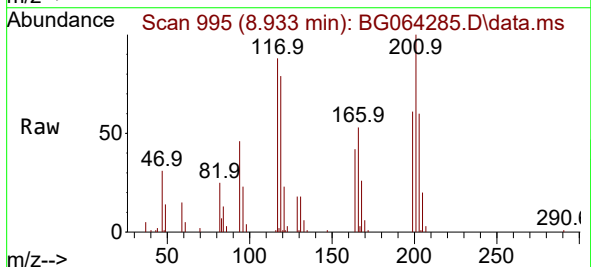
Upadhyay

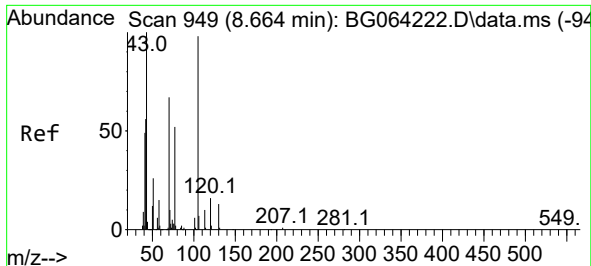
09/05/2025



#18  
Hexachloroethane  
Concen: 45.876 ng  
RT: 8.933 min Scan# 995  
Delta R.T. -0.001 min  
Lab File: BG064285.D  
Acq: 4 Sep 2025 17:23

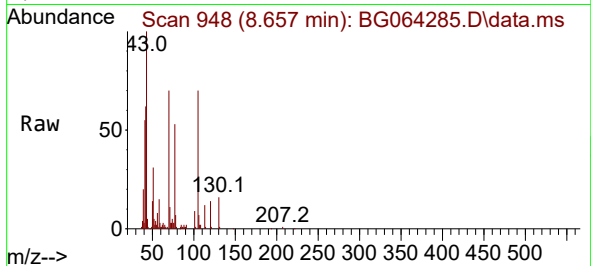
Tgt Ion:117 Resp: 29598  
Ion Ratio Lower Upper  
117 100  
119 90.7 67.9 101.9  
201 114.1 80.5 120.7





#19  
n-Nitroso-di-n-propylamine  
Concen: 42.187 ng  
RT: 8.657 min Scan# 948  
Delta R.T. -0.007 min  
Lab File: BG064285.D  
Acq: 4 Sep 2025 17:23

Instrument :  
BNA\_G  
ClientSampleId :  
PB169528BS

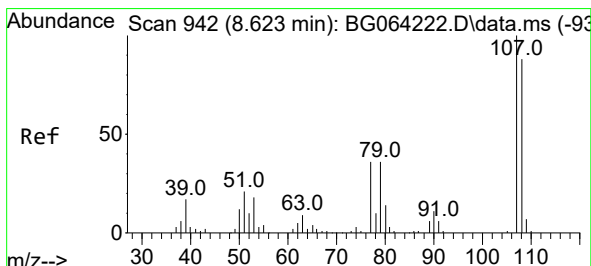
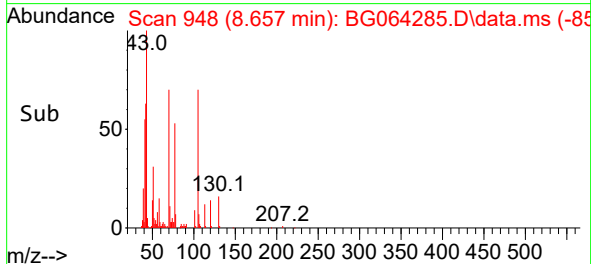
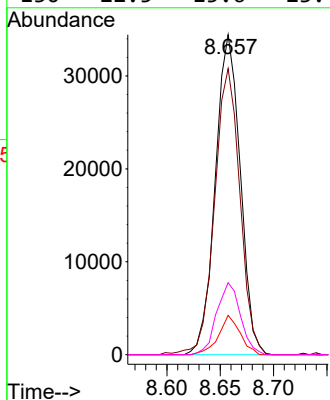


Tgt Ion: 70 Resp: 55878  
Ion Ratio Lower Upper  
70 100  
42 89.4 67.9 101.9  
101 12.3 7.3 10.9  
130 22.5 15.6 23.4

Manual Integrations  
APPROVED

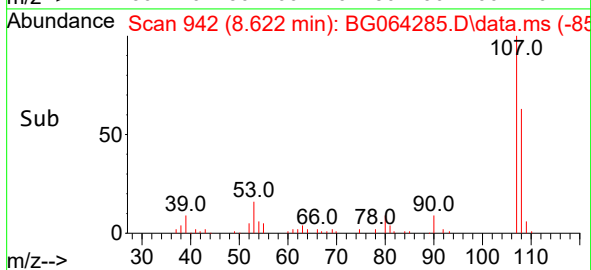
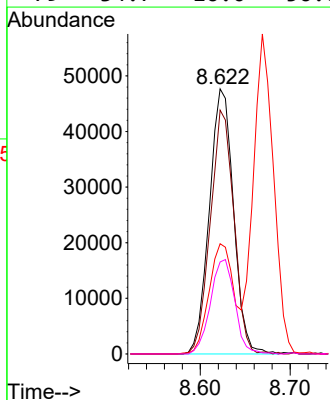
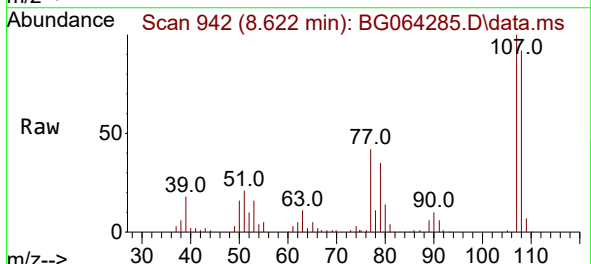
Reviewed By :Rahul  
Chavli  
09/05/2025

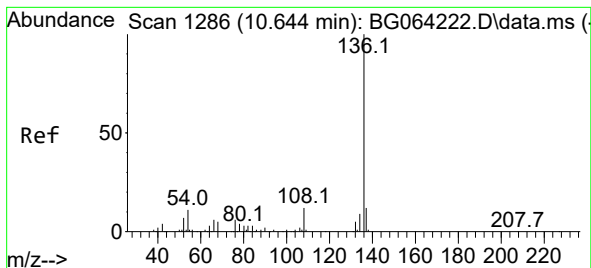
Supervised By :Jagrut  
Upadhyay  
09/05/2025



#20  
3+4-Methylphenols  
Concen: 45.052 ng  
RT: 8.622 min Scan# 942  
Delta R.T. -0.007 min  
Lab File: BG064285.D  
Acq: 4 Sep 2025 17:23

Tgt Ion:107 Resp: 89021  
Ion Ratio Lower Upper  
107 100  
108 92.0 68.1 108.1  
77 41.6 15.9 55.9  
79 34.7 16.0 56.0





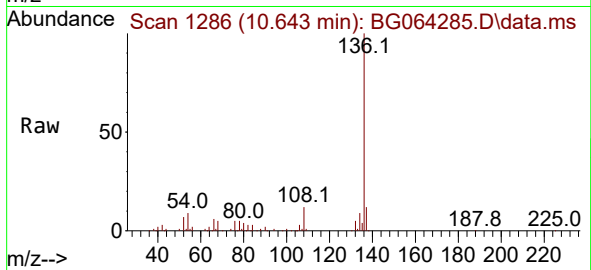
#21  
Naphthalene-d8  
Concen: 20.000 ng  
RT: 10.643 min Scan# 11  
Delta R.T. -0.007 min  
Lab File: BG064285.D  
Acq: 4 Sep 2025 17:23

Instrument :

BNA\_G

ClientSampleId :

PB169528BS



Tgt Ion:136 Resp: 10224  
Ion Ratio Lower Upper  
136 100  
137 12.2 9.6 14.4  
54 9.3 8.8 13.2  
68 4.6 4.1 6.1

Manual Integrations  
APPROVED

Reviewed By :Rahul

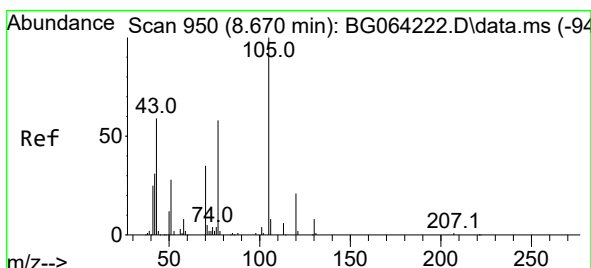
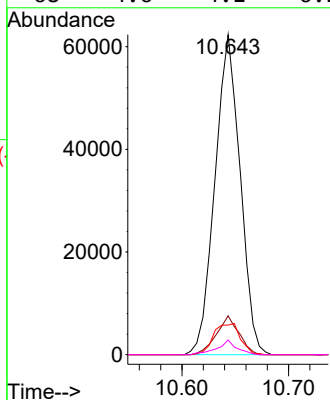
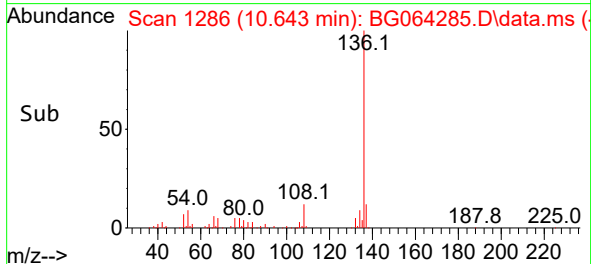
Chavli

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Supervised By :Jagrut

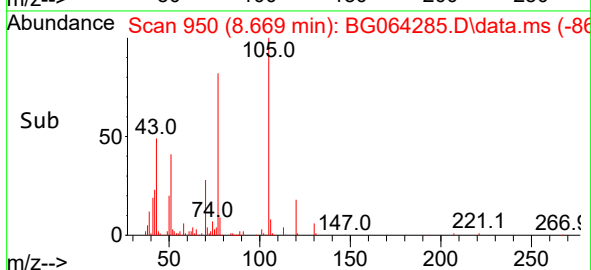
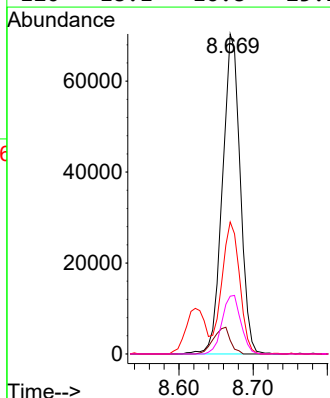
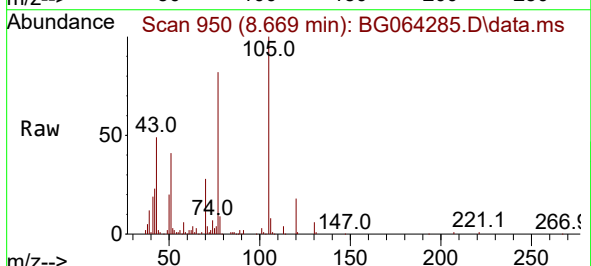
Upadhyay

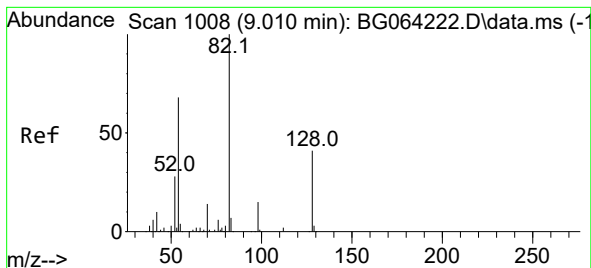
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#22  
Acetophenone  
Concen: 45.160 ng  
RT: 8.669 min Scan# 950  
Delta R.T. -0.007 min  
Lab File: BG064285.D  
Acq: 4 Sep 2025 17:23

Tgt Ion:105 Resp: 116812  
Ion Ratio Lower Upper  
105 100  
71 4.2 4.3 6.5#  
51 41.3 32.4 48.6  
120 18.1 16.8 25.2





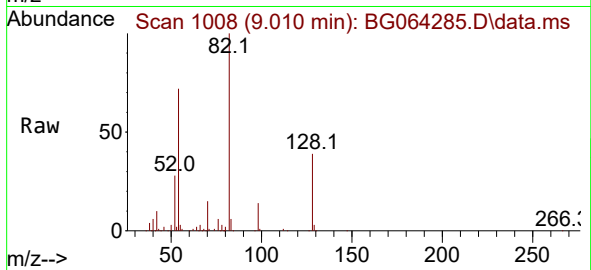
#23  
Nitrobenzene-d5  
Concen: 93.472 ng  
RT: 9.010 min Scan# 1008  
Delta R.T. -0.007 min  
Lab File: BG064285.D  
Acq: 4 Sep 2025 17:23

Instrument :

BNA\_G

ClientSampleId :

PB169528BS



Tgt Ion: 82 Resp: 171360  
Ion Ratio Lower Upper  
82 100  
128 38.7 32.6 48.8  
54 71.8 54.7 82.1

Manual Integrations  
APPROVED

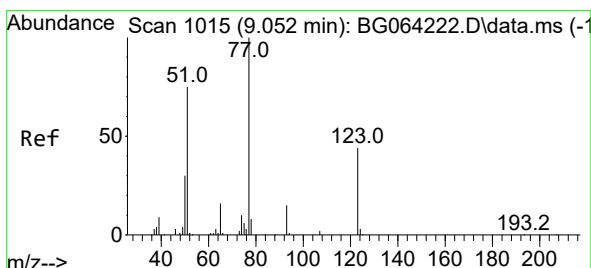
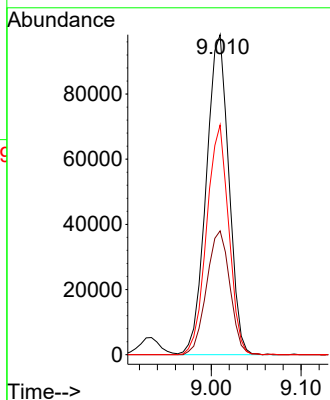
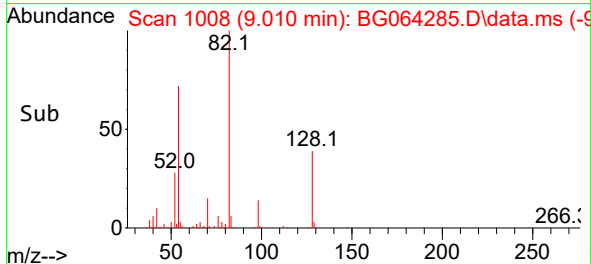
Reviewed By :Rahul  
Chavli

09/05/2025

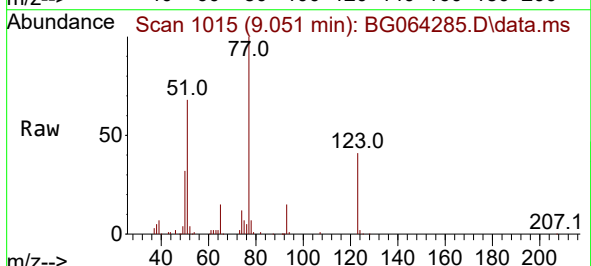
Supervised By :Jagrut

Upadhyay

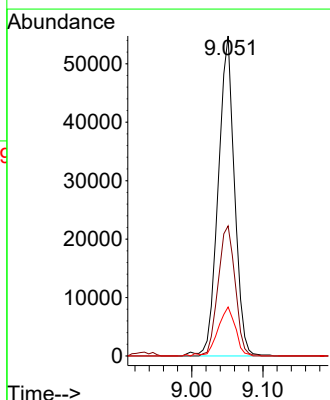
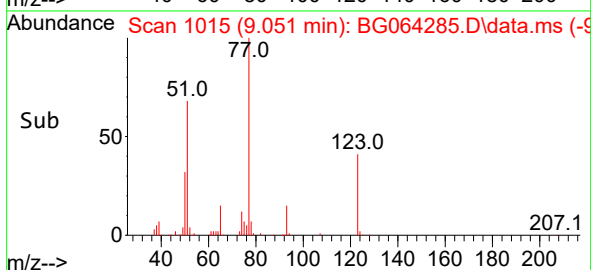
09/05/2025

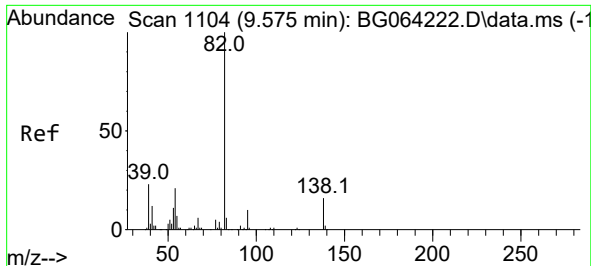


#24  
Nitrobenzene  
Concen: 45.321 ng  
RT: 9.051 min Scan# 1015  
Delta R.T. -0.007 min  
Lab File: BG064285.D  
Acq: 4 Sep 2025 17:23



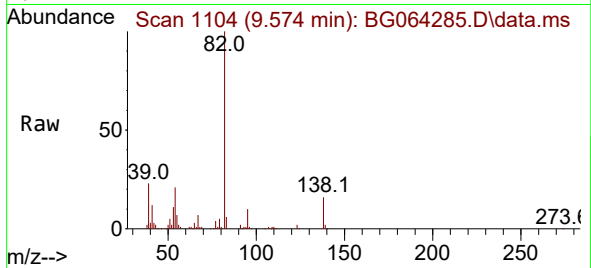
Tgt Ion: 77 Resp: 86809  
Ion Ratio Lower Upper  
77 100  
123 40.7 35.2 52.8  
65 15.3 12.6 19.0





#25  
Isophorone  
Concen: 41.837 ng  
RT: 9.574 min Scan# 1104  
Delta R.T. -0.013 min  
Lab File: BG064285.D  
Acq: 4 Sep 2025 17:23

Instrument :  
BNA\_G  
ClientSampleId :  
PB169528BS

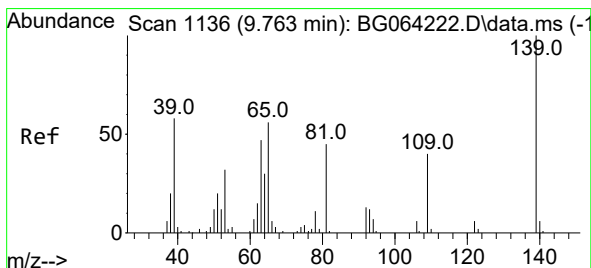
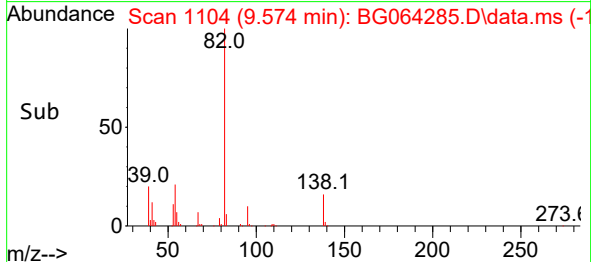
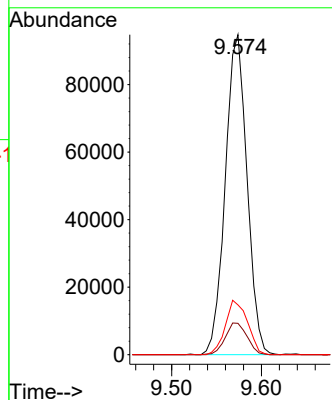


Tgt Ion: 82 Resp: 15940  
Ion Ratio Lower Upper  
82 100  
95 9.8 7.9 11.9  
138 15.6 13.0 19.4

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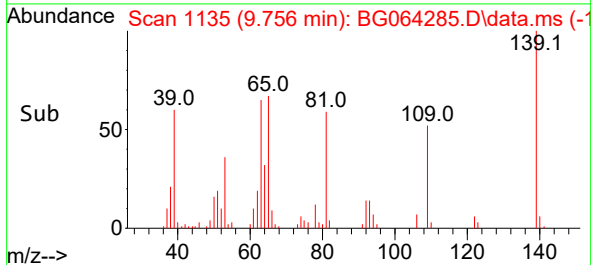
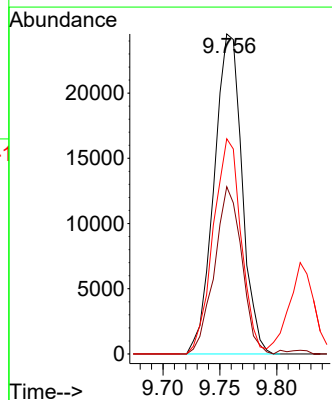
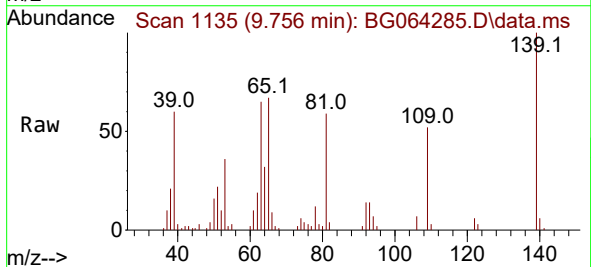
Reviewed By :Rahul  
Chavli  
09/05/2025

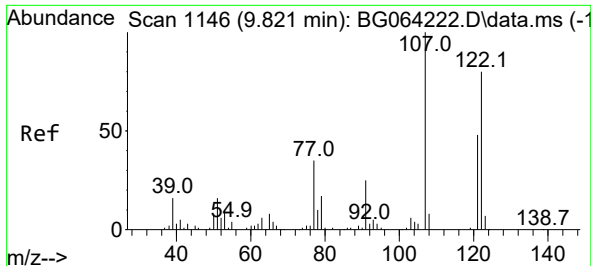
Supervised By :Jagrut  
Upadhyay  
09/05/2025



#26  
2-Nitrophenol  
Concen: 50.685 ng  
RT: 9.756 min Scan# 1135  
Delta R.T. -0.007 min  
Lab File: BG064285.D  
Acq: 4 Sep 2025 17:23

Tgt Ion:139 Resp: 41949  
Ion Ratio Lower Upper  
139 100  
109 52.3 32.4 48.6#  
65 67.2 44.6 67.0#





#27

2,4-Dimethylphenol

Concen: 52.843 ng

RT: 9.821 min Scan# 1146

Delta R.T. -0.007 min

Lab File: BG064285.D

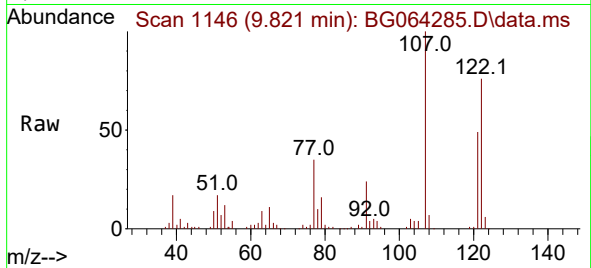
Acq: 4 Sep 2025 17:23

Instrument :

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ClientSampleId :

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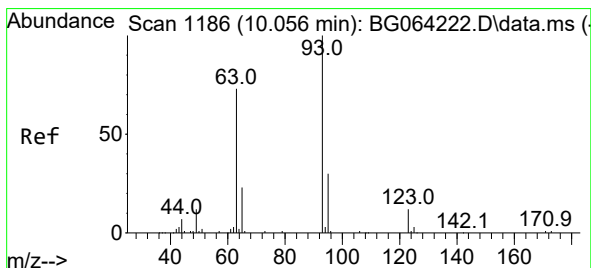
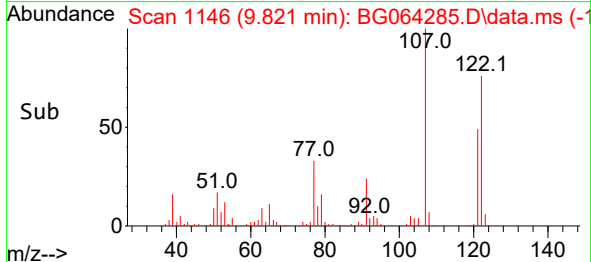
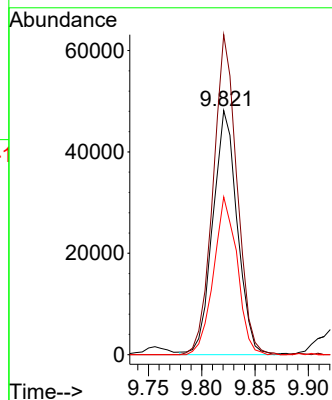
|             |       |             |
|-------------|-------|-------------|
| Tgt Ion:122 | Resp: | 7678        |
| Ion         | Ratio | Lower Upper |
| 122         | 100   |             |
| 107         | 131.1 | 99.9 149.9  |
| 121         | 64.6  | 48.6 72.8   |

Manual Integrations  
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Reviewed By :Rahul  
Chavli

09/05/2025

Supervised By :Jagrut  
Upadhyay  
09/05/2025



#28

bis(2-Chloroethoxy)methane

Concen: 43.240 ng

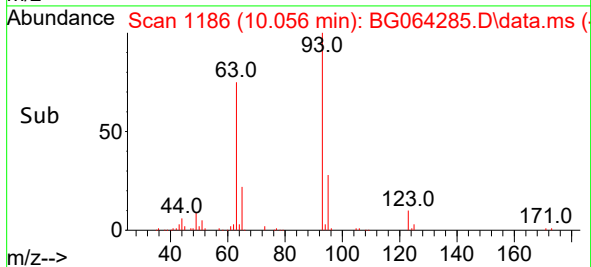
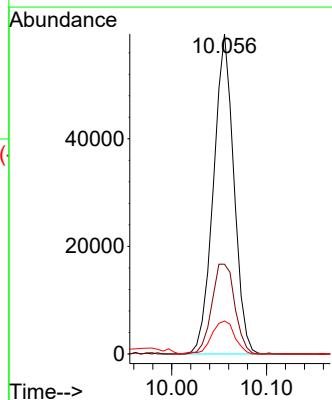
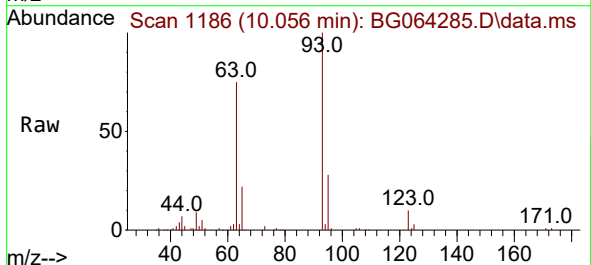
RT: 10.056 min Scan# 1186

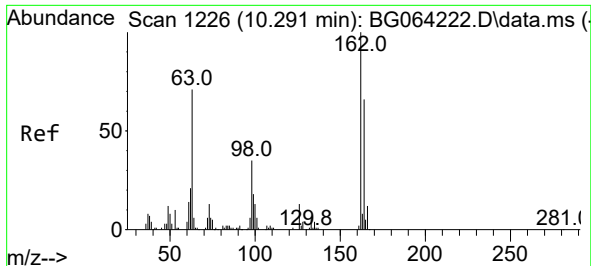
Delta R.T. -0.007 min

Lab File: BG064285.D

Acq: 4 Sep 2025 17:23

|             |       |             |
|-------------|-------|-------------|
| Tgt Ion: 93 | Resp: | 88835       |
| Ion         | Ratio | Lower Upper |
| 93          | 100   |             |
| 95          | 28.1  | 23.9 35.9   |
| 123         | 10.3  | 9.6 14.4    |





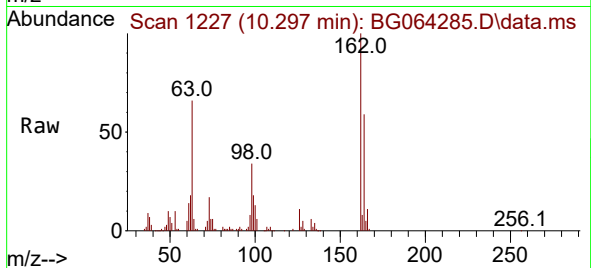
#29  
2,4-Dichlorophenol  
Concen: 51.282 ng  
RT: 10.297 min Scan# 1227  
Delta R.T. -0.001 min  
Lab File: BG064285.D  
Acq: 4 Sep 2025 17:23

Instrument :

BNA\_G

ClientSampleId :

PB169528BS



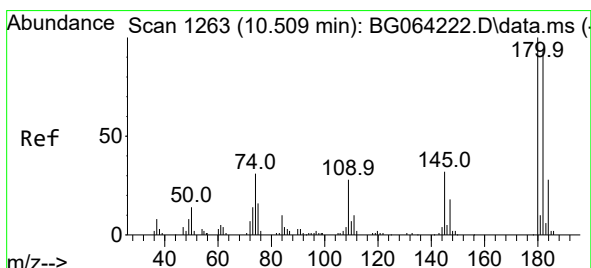
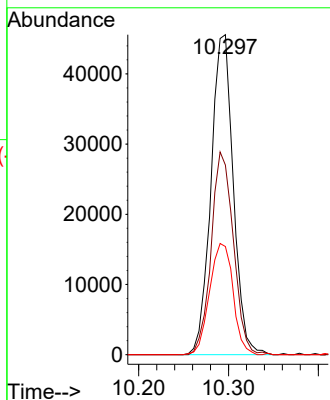
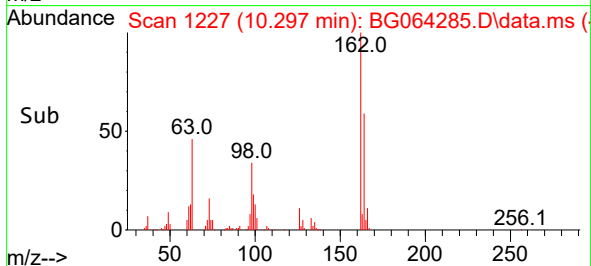
Tgt Ion:162 Resp: 7862  
Ion Ratio Lower Upper  
162 100  
164 59.2 45.8 85.8  
98 33.8 15.2 55.2

Manual Integrations  
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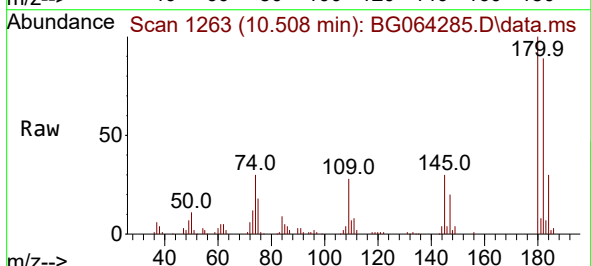
Reviewed By :Rahul  
Chavli

09/05/2025

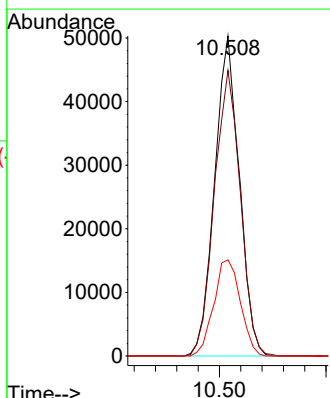
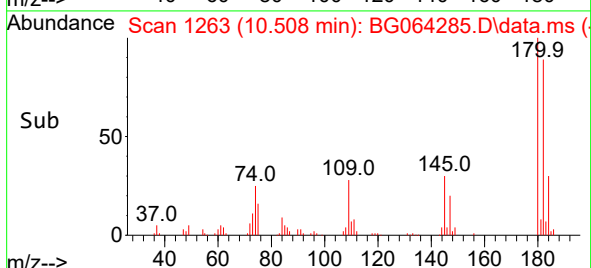
Supervised By :Jagrut  
Upadhyay  
09/05/2025

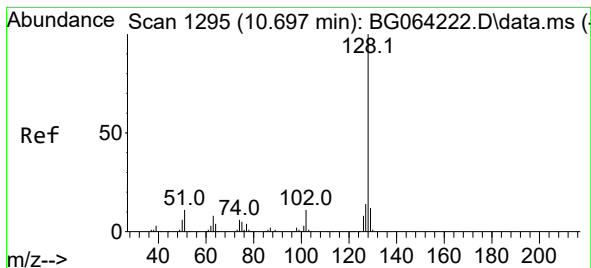


#30  
1,2,4-Trichlorobenzene  
Concen: 50.045 ng  
RT: 10.508 min Scan# 1263  
Delta R.T. -0.001 min  
Lab File: BG064285.D  
Acq: 4 Sep 2025 17:23



Tgt Ion:180 Resp: 80901  
Ion Ratio Lower Upper  
180 100  
182 89.3 75.0 112.6  
145 30.0 25.4 38.0





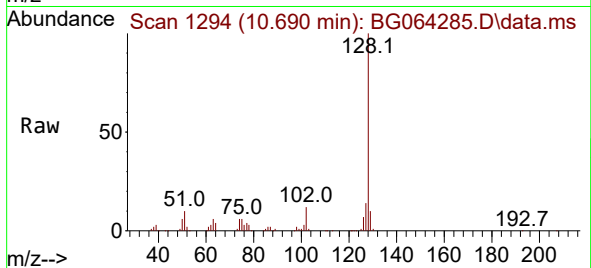
#31  
Naphthalene  
Concen: 44.561 ng  
RT: 10.690 min Scan# 1173  
Delta R.T. -0.007 min  
Lab File: BG064285.D  
Acq: 4 Sep 2025 17:23

Instrument :

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ClientSampleId :

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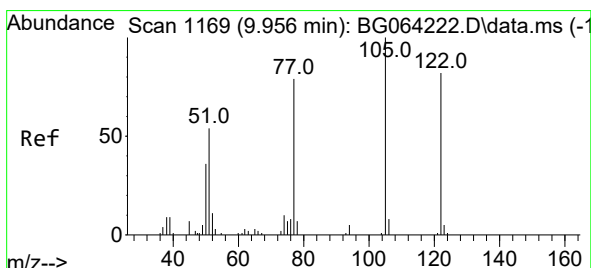
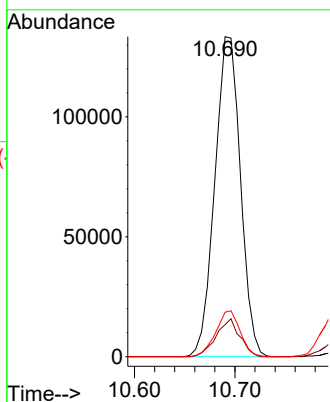
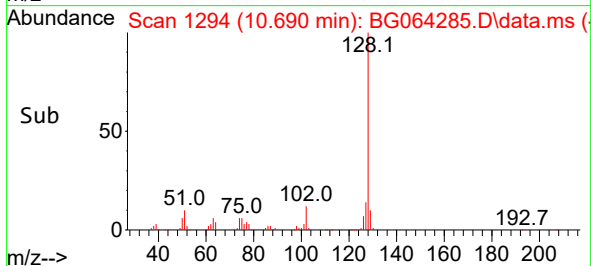
Tgt Ion:128 Resp: 236250  
Ion Ratio Lower Upper  
128 100  
129 10.0 9.4 14.2  
127 13.9 10.9 16.3

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Chavli

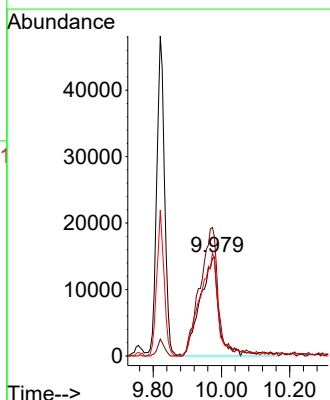
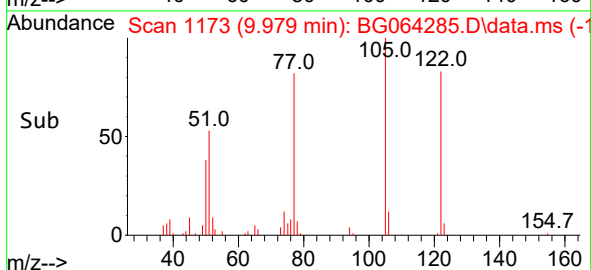
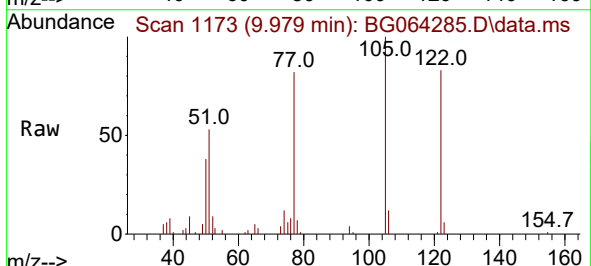
09/05/2025

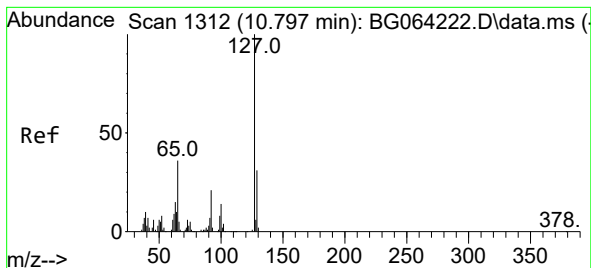
Supervised By :Jagrut  
Upadhyay  
09/05/2025



#32  
Benzoic acid  
Concen: 50.434 ng m  
RT: 9.979 min Scan# 1173  
Delta R.T. -0.036 min  
Lab File: BG064285.D  
Acq: 4 Sep 2025 17:23

Tgt Ion:122 Resp: 58173  
Ion Ratio Lower Upper  
122 100  
105 120.7 98.5 138.5  
77 98.9 74.6 114.6





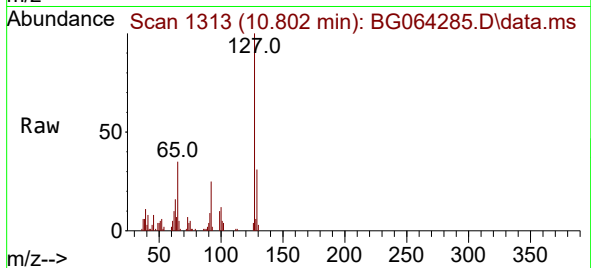
#33  
4-Chloroaniline  
Concen: 18.075 ng  
RT: 10.802 min Scan# 1312  
Delta R.T. -0.001 min  
Lab File: BG064285.D  
Acq: 4 Sep 2025 17:23

Instrument :

BNA\_G

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Tgt Ion:127 Resp: 3714  
Ion Ratio Lower Upper  
127 100  
129 31.4 25.0 37.4  
65 34.9 28.7 43.1  
92 24.5 16.5 24.7

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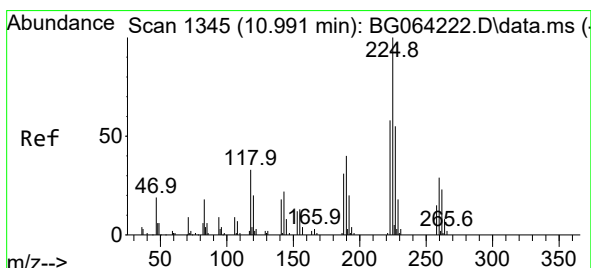
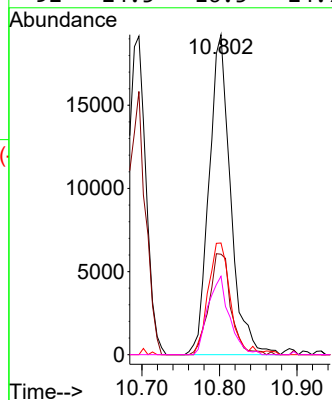
Chavli

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Supervised By :Jagrut

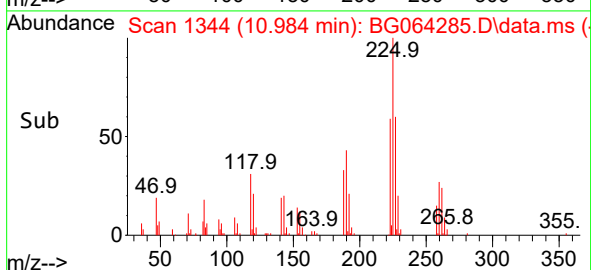
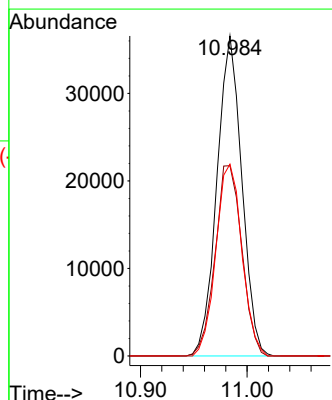
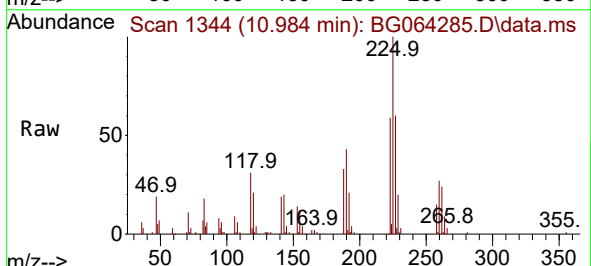
Upadhyay

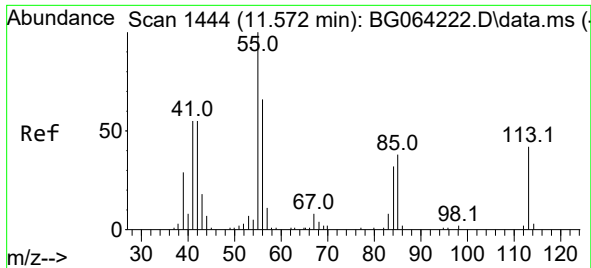
09/05/2025



#34  
Hexachlorobutadiene  
Concen: 49.634 ng  
RT: 10.984 min Scan# 1344  
Delta R.T. -0.007 min  
Lab File: BG064285.D  
Acq: 4 Sep 2025 17:23

Tgt Ion:225 Resp: 59311  
Ion Ratio Lower Upper  
225 100  
223 59.5 46.5 69.7  
227 60.0 44.1 66.1





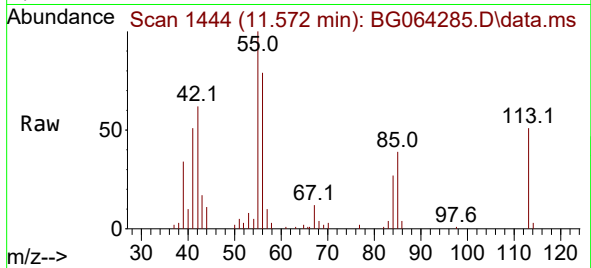
#35  
Caprolactam  
Concen: 46.264 ng m  
RT: 11.572 min Scan# 1444  
Delta R.T. -0.030 min  
Lab File: BG064285.D  
Acq: 4 Sep 2025 17:23

Instrument :

BNA\_G

ClientSampleId :

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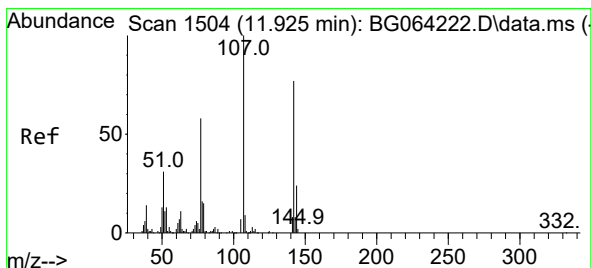
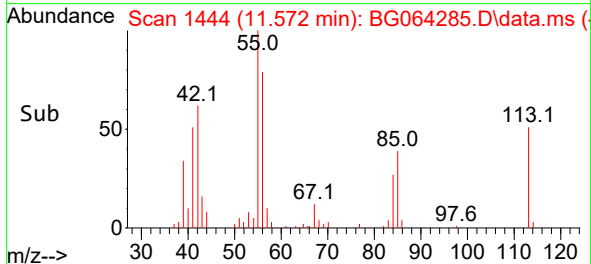
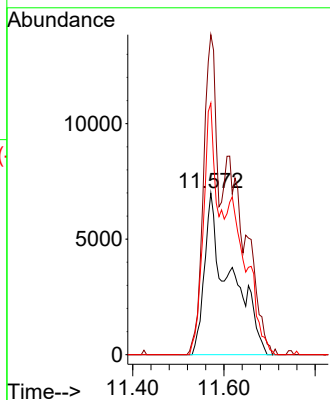
Tgt Ion:113 Resp: 2746  
Ion Ratio Lower Upper  
113 100  
55 197.9 218.5 258.5  
56 155.6 138.5 178.5

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Chavli

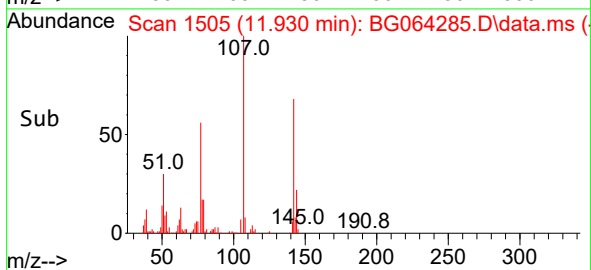
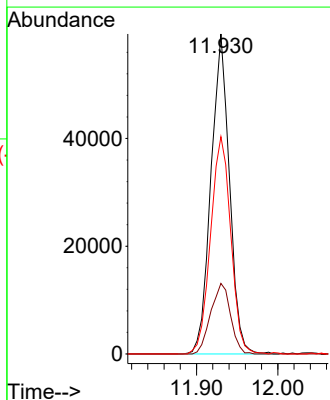
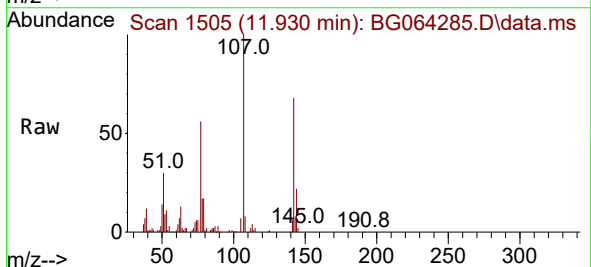
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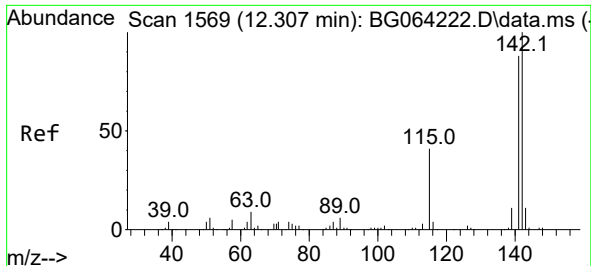
Supervised By :Jagrut  
Upadhyay  
09/05/2025



#36  
4-Chloro-3-methylphenol  
Concen: 47.115 ng  
RT: 11.930 min Scan# 1505  
Delta R.T. -0.001 min  
Lab File: BG064285.D  
Acq: 4 Sep 2025 17:23

Tgt Ion:107 Resp: 93724  
Ion Ratio Lower Upper  
107 100  
144 22.1 19.5 29.3  
142 67.9 62.0 93.0





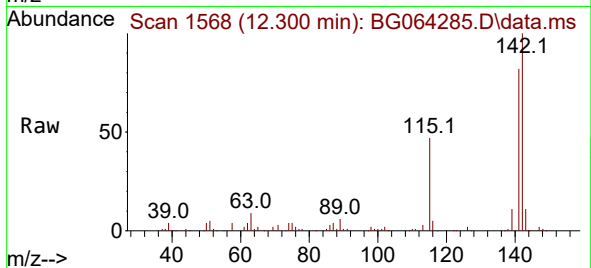
#37  
2-Methylnaphthalene  
Concen: 41.559 ng  
RT: 12.300 min Scan# 1569  
Delta R.T. -0.007 min  
Lab File: BG064285.D  
Acq: 4 Sep 2025 17:23

Instrument :

BNA\_G

ClientSampleId :

PB169528BS



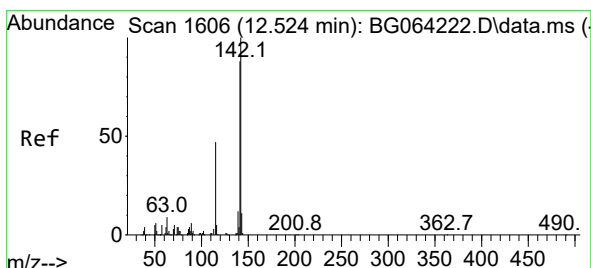
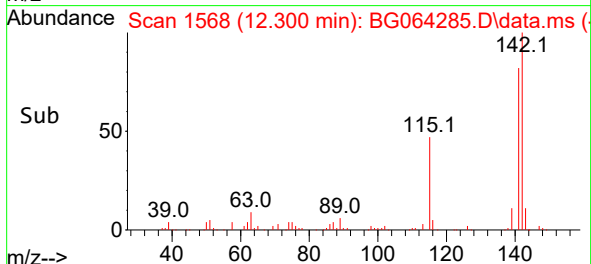
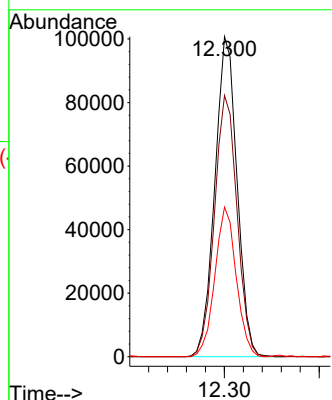
Tgt Ion:142 Resp: 163770  
Ion Ratio Lower Upper  
142 100  
141 81.6 70.1 105.1  
115 46.8 33.1 49.7

Manual Integrations  
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Chavli

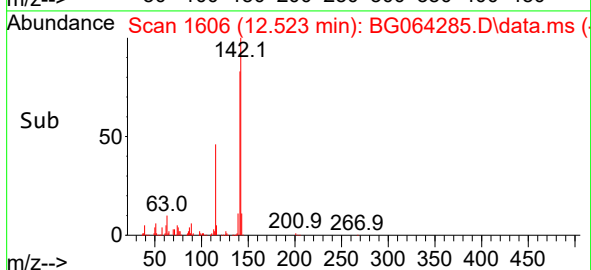
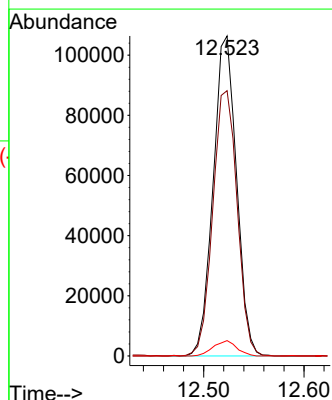
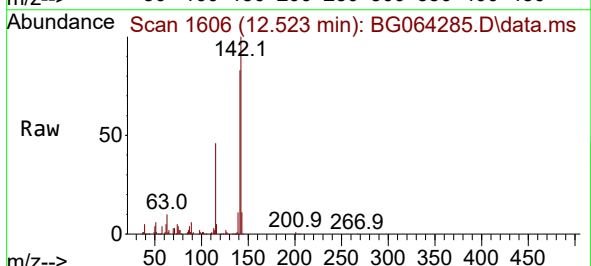
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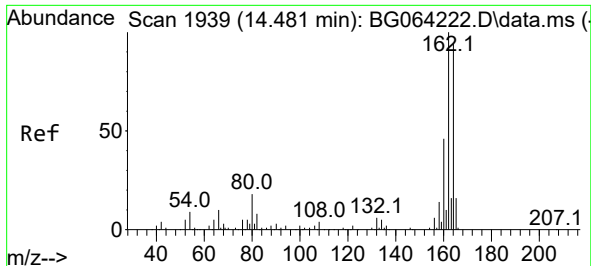
Supervised By :Jagrut  
Upadhyay  
09/05/2025



#38  
1-Methylnaphthalene  
Concen: 44.199 ng  
RT: 12.523 min Scan# 1606  
Delta R.T. -0.001 min  
Lab File: BG064285.D  
Acq: 4 Sep 2025 17:23

Tgt Ion:142 Resp: 172043  
Ion Ratio Lower Upper  
142 100  
141 82.9 70.3 105.5  
116 4.8 3.7 5.5





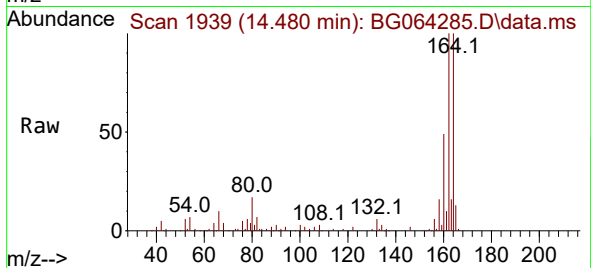
#39  
Acenaphthene-d10  
Concen: 20.000 ng  
RT: 14.480 min Scan# 1939  
Delta R.T. -0.001 min  
Lab File: BG064285.D  
Acq: 4 Sep 2025 17:23

Instrument :

BNA\_G

ClientSampleId :

PB169528BS



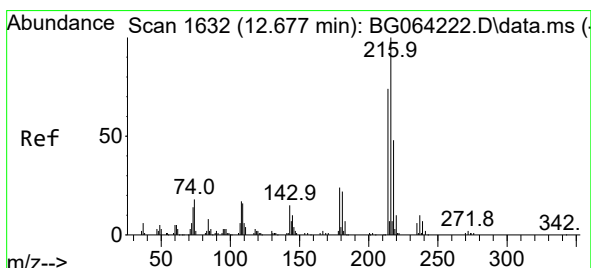
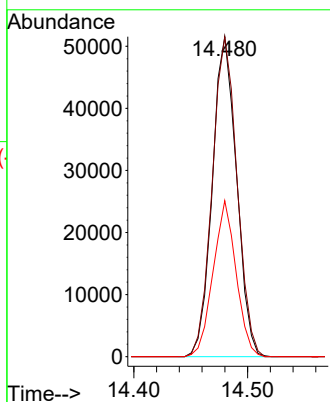
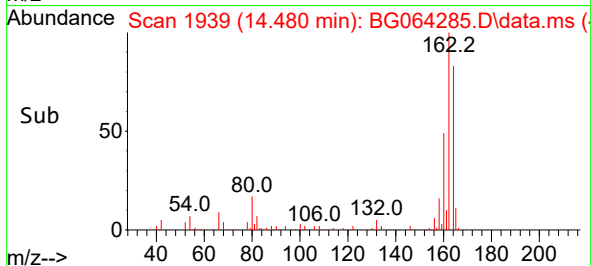
Tgt Ion:164 Resp: 76140  
Ion Ratio Lower Upper  
164 100  
162 99.9 85.4 128.0  
160 48.7 39.2 58.8

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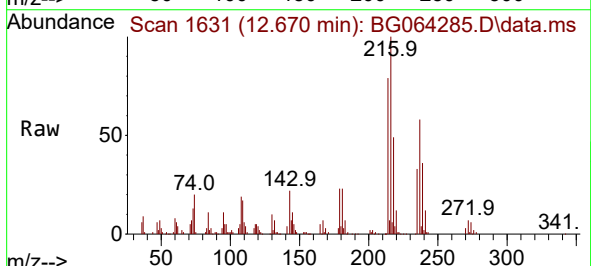
Reviewed By :Rahul  
Chavli

09/05/2025

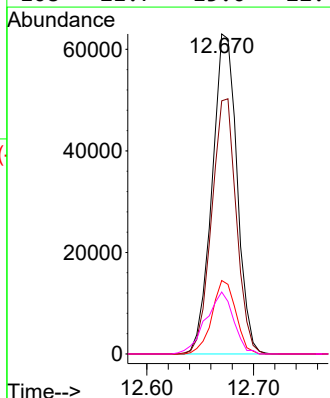
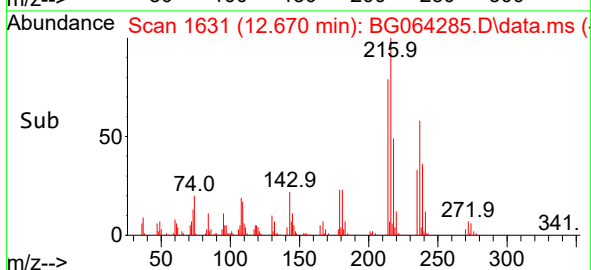
Supervised By :Jagrut  
Upadhyay  
09/05/2025

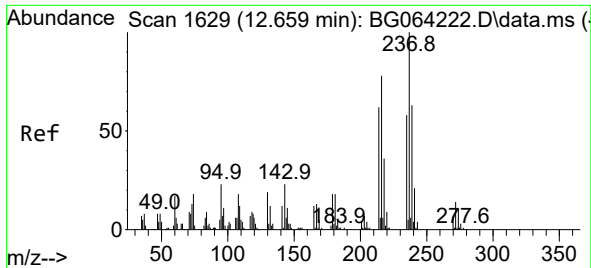


#40  
1,2,4,5-Tetrachlorobenzene  
Concen: 46.502 ng  
RT: 12.670 min Scan# 1631  
Delta R.T. -0.007 min  
Lab File: BG064285.D  
Acq: 4 Sep 2025 17:23



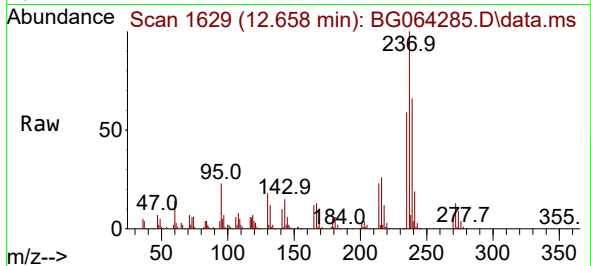
Tgt Ion:216 Resp: 102168  
Ion Ratio Lower Upper  
216 100  
214 78.9 61.9 92.9  
179 22.0 17.9 26.9  
108 21.7 15.0 22.4





#41  
Hexachlorocyclopentadiene  
Concen: 144.118 ng  
RT: 12.658 min Scan# 1  
Delta R.T. -0.001 min  
Lab File: BG064285.D  
Acq: 4 Sep 2025 17:23

Instrument :  
BNA\_G  
ClientSampleId :  
PB169528BS

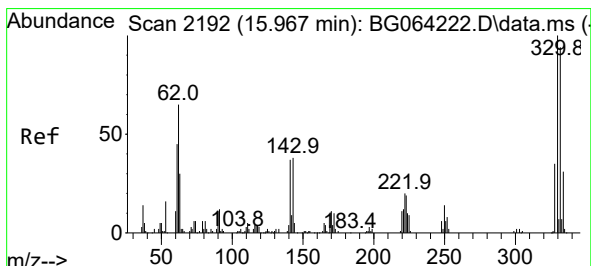
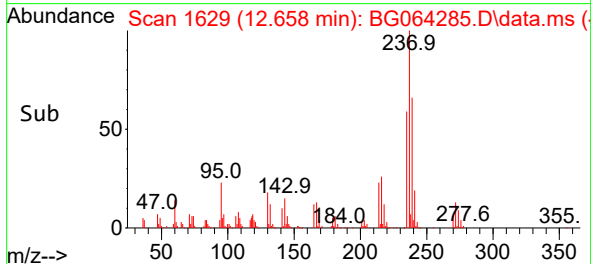
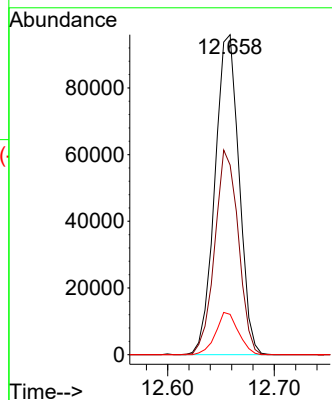


Tgt Ion:237 Resp: 150480  
Ion Ratio Lower Upper  
237 100  
235 59.2 37.9 77.9  
272 12.6 0.0 33.8

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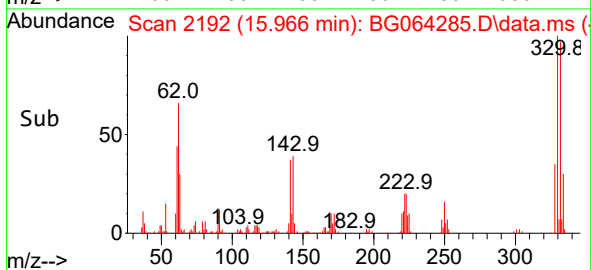
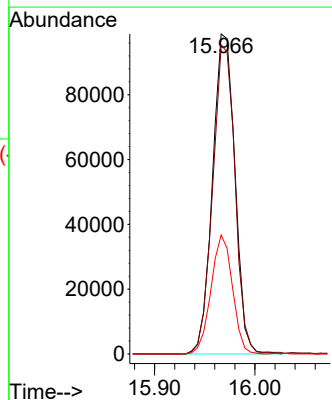
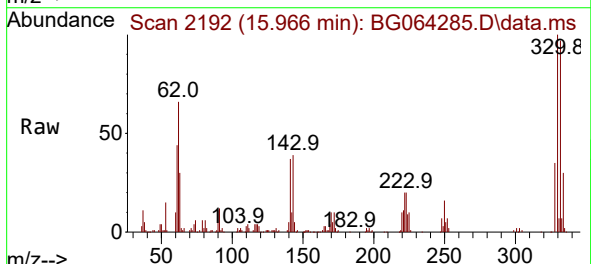
Reviewed By :Rahul  
Chavli  
09/05/2025

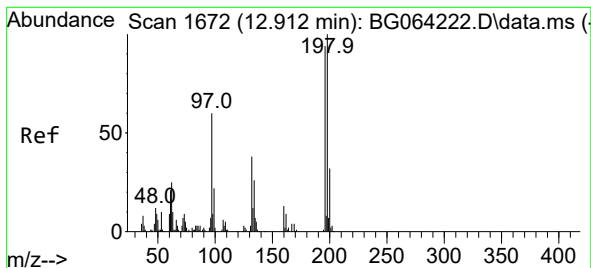
Supervised By :Jagrut  
Upadhyay  
09/05/2025



#42  
2,4,6-Tribromophenol  
Concen: 151.922 ng  
RT: 15.966 min Scan# 2192  
Delta R.T. -0.007 min  
Lab File: BG064285.D  
Acq: 4 Sep 2025 17:23

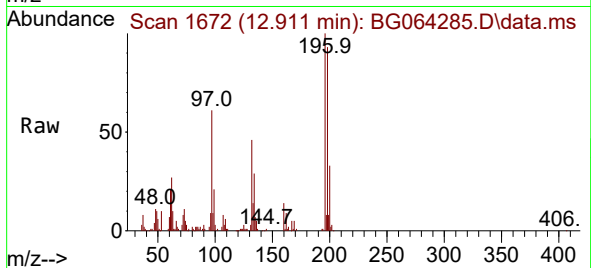
Tgt Ion:330 Resp: 153227  
Ion Ratio Lower Upper  
330 100  
332 95.9 77.6 116.4  
141 35.5 29.8 44.6





#43  
2,4,6-Trichlorophenol  
Concen: 48.172 ng  
RT: 12.911 min Scan# 1672  
Delta R.T. -0.001 min  
Lab File: BG064285.D  
Acq: 4 Sep 2025 17:23

Instrument :  
BNA\_G  
ClientSampleId :  
PB169528BS

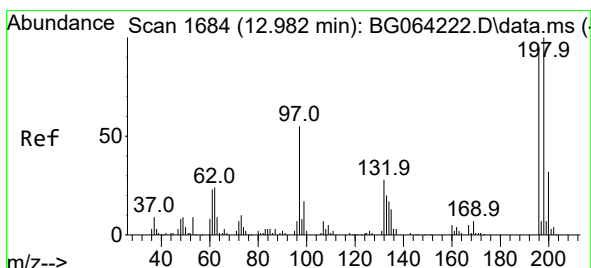
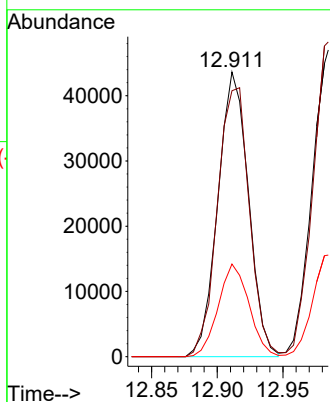
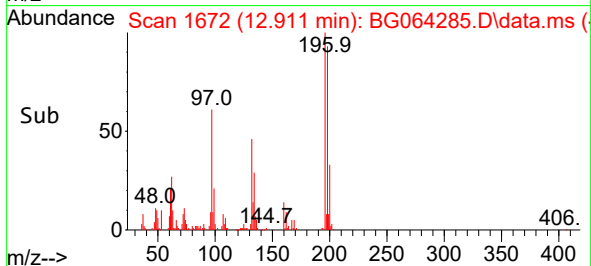


Tgt Ion:196 Resp: 70739  
Ion Ratio Lower Upper  
196 100  
198 93.4 85.4 128.2  
200 32.5 27.3 40.9

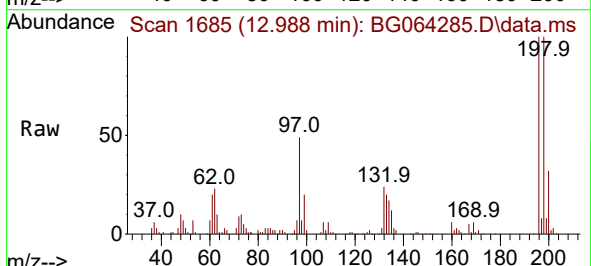
Manual Integrations  
APPROVED

Reviewed By :Rahul  
Chavli  
09/05/2025

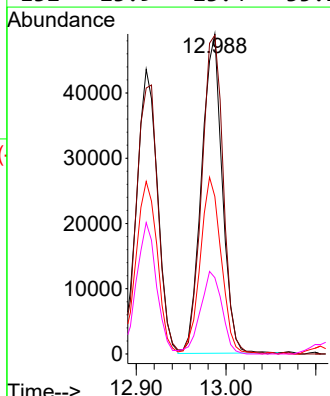
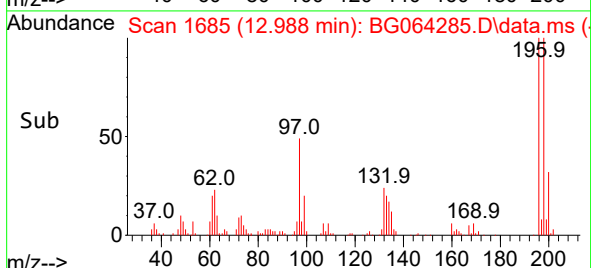
Supervised By :Jagrut  
Upadhyay  
09/05/2025

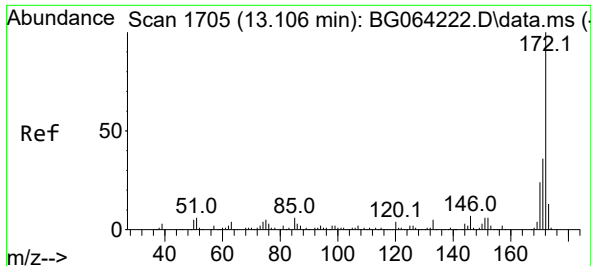


#44  
2,4,5-Trichlorophenol  
Concen: 49.170 ng  
RT: 12.988 min Scan# 1685  
Delta R.T. -0.001 min  
Lab File: BG064285.D  
Acq: 4 Sep 2025 17:23



Tgt Ion:196 Resp: 78326  
Ion Ratio Lower Upper  
196 100  
198 99.6 84.5 126.7  
97 49.2 46.8 70.2  
132 23.9 23.4 35.2





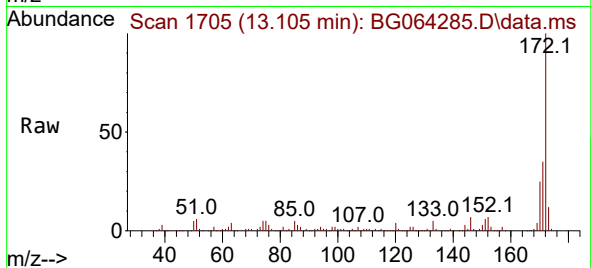
#45  
2-Fluorobiphenyl  
Concen: 88.215 ng  
RT: 13.105 min Scan# 1705  
Delta R.T. -0.007 min  
Lab File: BG064285.D  
Acq: 4 Sep 2025 17:23

Instrument :

BNA\_G

ClientSampleId :

PB169528BS



Tgt Ion:172 Resp: 440082  
Ion Ratio Lower Upper  
172 100  
171 35.5 28.7 43.1  
170 25.0 19.0 28.6

Manual Integrations  
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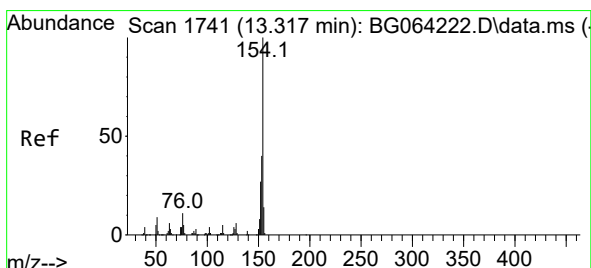
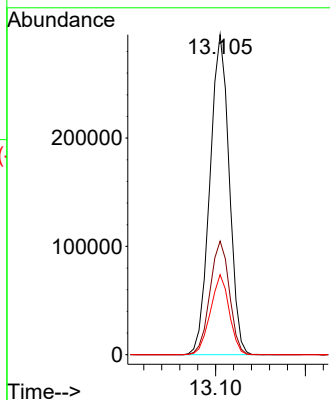
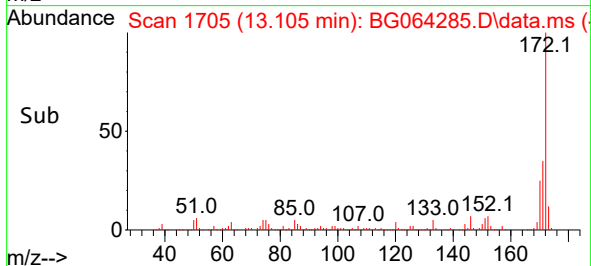
Reviewed By :Rahul  
Chavli

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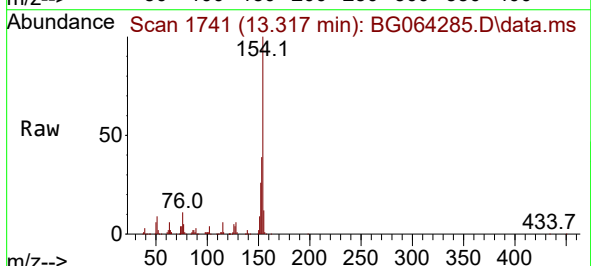
Supervised By :Jagrut

Upadhyay

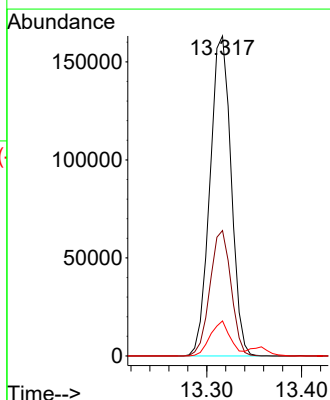
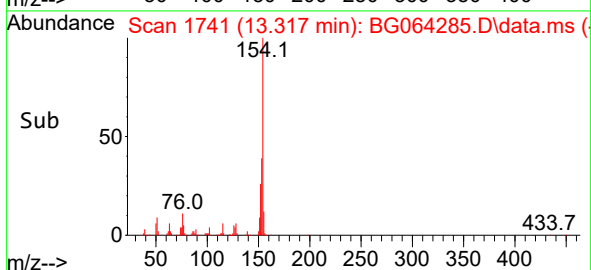
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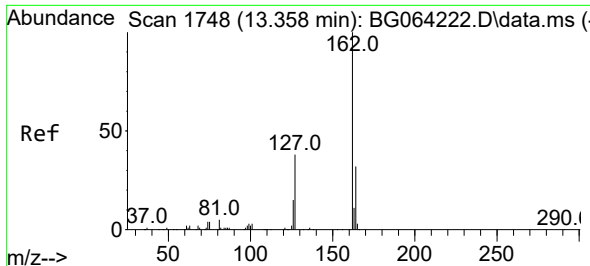


#46  
1,1'-Biphenyl  
Concen: 45.615 ng  
RT: 13.317 min Scan# 1741  
Delta R.T. -0.001 min  
Lab File: BG064285.D  
Acq: 4 Sep 2025 17:23



Tgt Ion:154 Resp: 252987  
Ion Ratio Lower Upper  
154 100  
153 39.2 19.9 59.9  
76 10.9 0.0 30.9





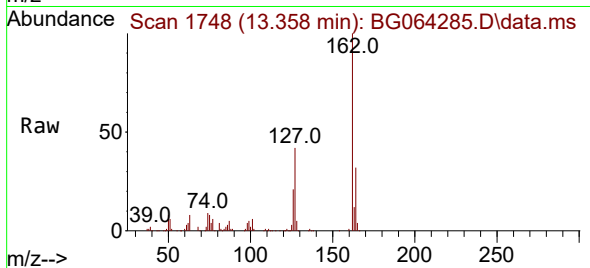
#47  
2-Chloronaphthalene  
Concen: 44.832 ng  
RT: 13.358 min Scan# 1748  
Delta R.T. -0.001 min  
Lab File: BG064285.D  
Acq: 4 Sep 2025 17:23

Instrument :

BNA\_G

ClientSampleId :

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Tgt Ion:162 Resp: 18692  
Ion Ratio Lower Upper  
162 100  
127 41.6 33.9 50.9  
164 32.0 25.4 38.2

Manual Integrations  
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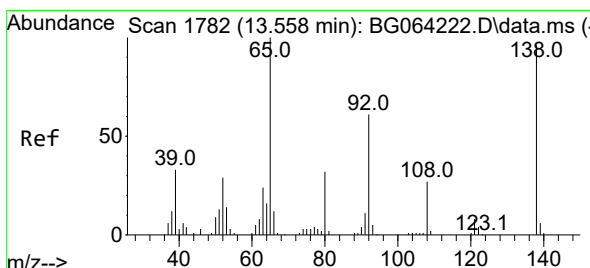
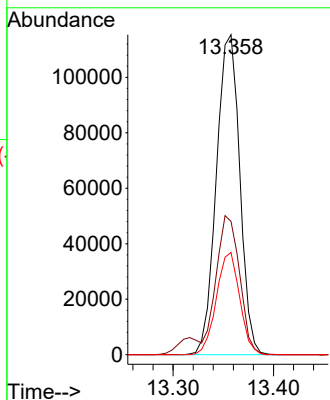
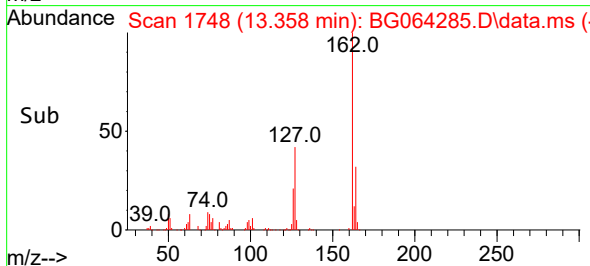
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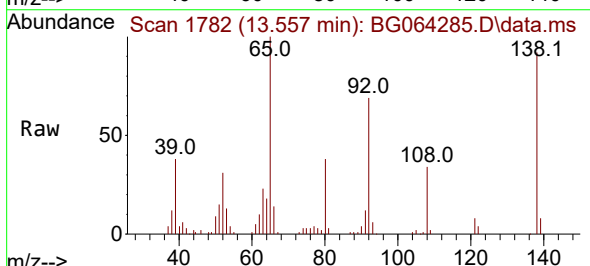
Supervised By :Jagrut

Upadhyay

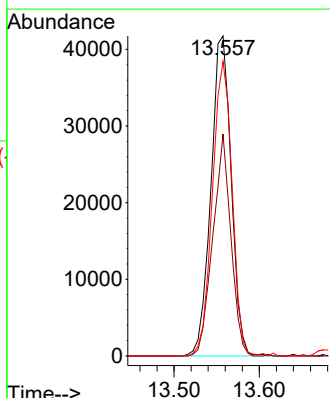
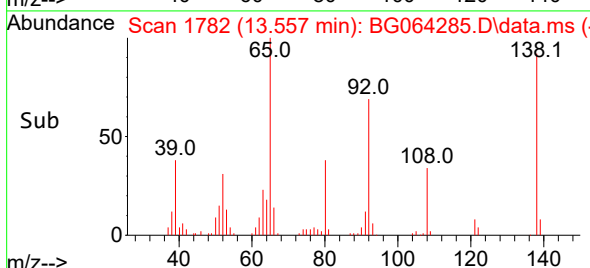
09/05/2025

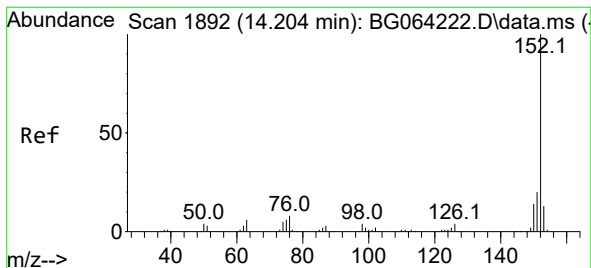


#48  
2-Nitroaniline  
Concen: 48.563 ng  
RT: 13.557 min Scan# 1782  
Delta R.T. -0.007 min  
Lab File: BG064285.D  
Acq: 4 Sep 2025 17:23



Tgt Ion: 65 Resp: 69014  
Ion Ratio Lower Upper  
65 100  
92 69.4 49.2 73.8  
138 92.0 76.8 115.2





#49

Acenaphthylene

Concen: 51.676 ng

RT: 14.204 min Scan# 1892

Delta R.T. -0.001 min

Lab File: BG064285.D

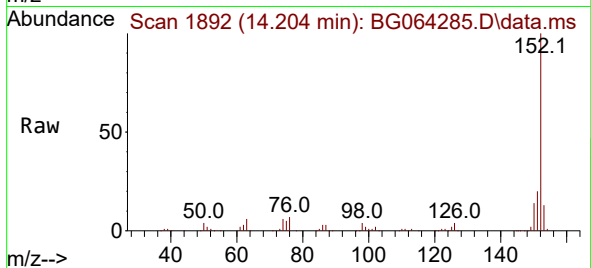
Acq: 4 Sep 2025 17:23

Instrument :

BNA\_G

ClientSampleId :

PB169528BS



Tgt Ion:152 Resp: 31850

Ion Ratio Lower Upper

152 100

151 19.8 16.2 24.2

153 13.1 10.1 15.1

Manual Integrations

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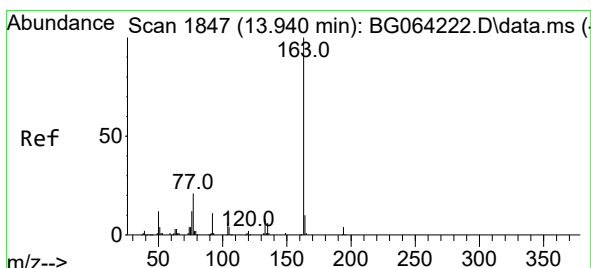
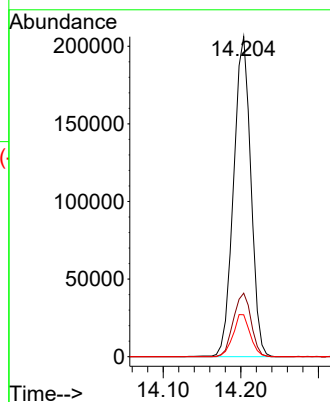
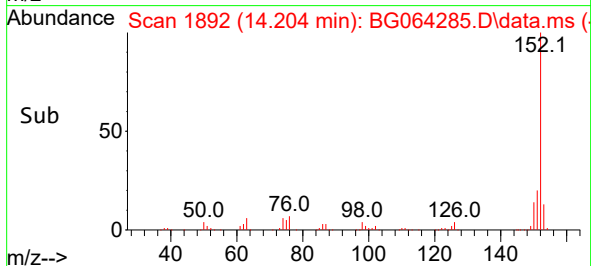
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#50

Dimethylphthalate

Concen: 44.148 ng

RT: 13.939 min Scan# 1847

Delta R.T. -0.007 min

Lab File: BG064285.D

Acq: 4 Sep 2025 17:23

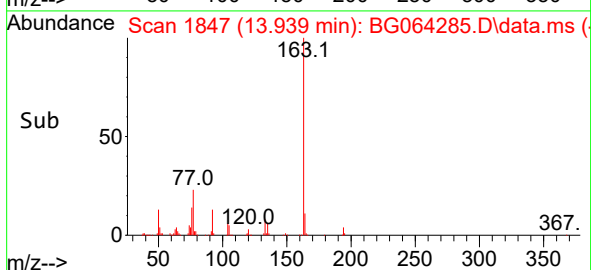
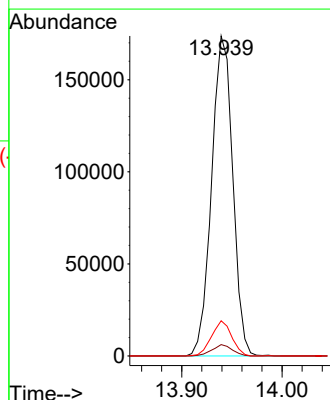
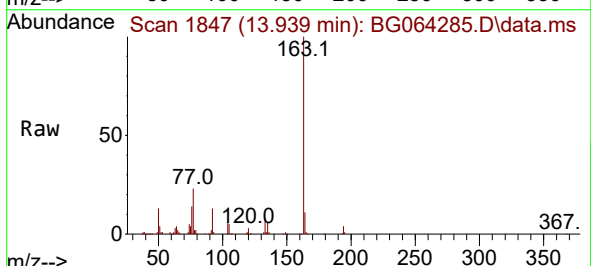
Tgt Ion:163 Resp: 254450

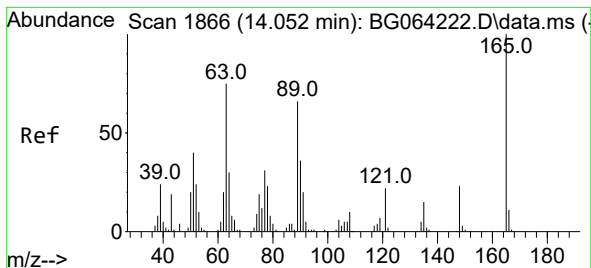
Ion Ratio Lower Upper

163 100

194 3.5 3.0 4.4

164 11.0 7.9 11.9





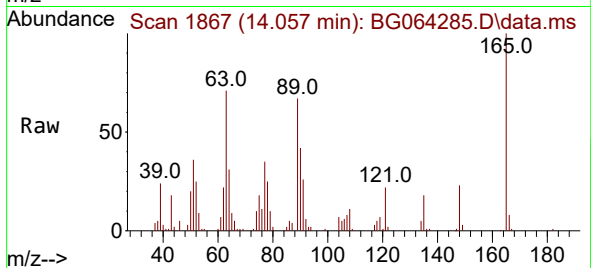
#51  
2,6-Dinitrotoluene  
Concen: 49.562 ng  
RT: 14.057 min Scan# 1866  
Delta R.T. -0.001 min  
Lab File: BG064285.D  
Acq: 4 Sep 2025 17:23

Instrument :

BNA\_G

ClientSampleId :

PB169528BS



Tgt Ion:165 Resp: 5530  
Ion Ratio Lower Upper  
165 100  
63 70.5 60.3 90.5  
89 67.1 52.9 79.3

Manual Integrations  
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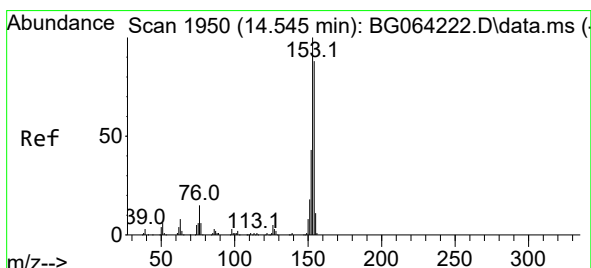
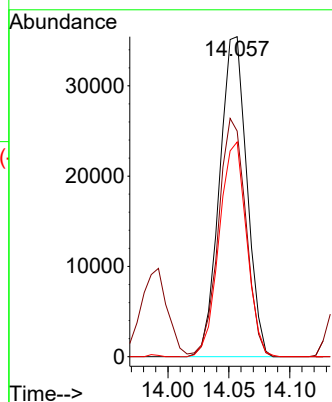
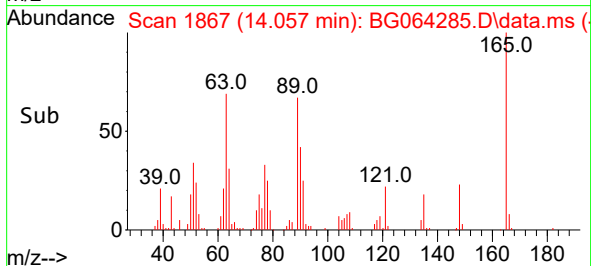
Chavli

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Supervised By :Jagrut

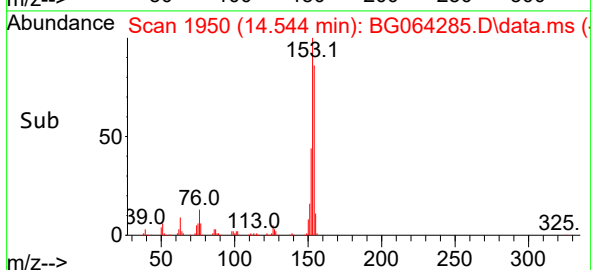
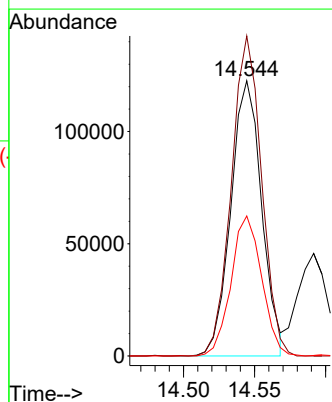
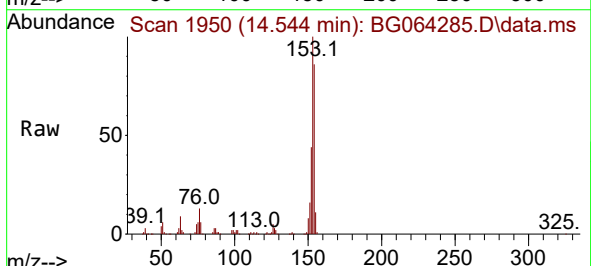
Upadhyay

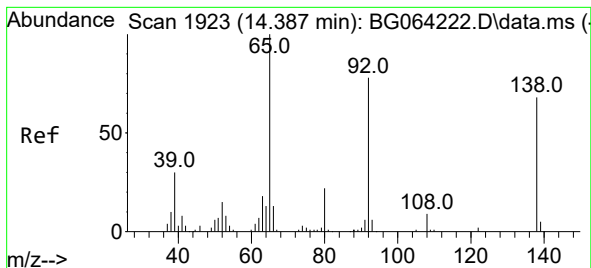
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#52  
Acenaphthene  
Concen: 42.573 ng  
RT: 14.544 min Scan# 1950  
Delta R.T. -0.007 min  
Lab File: BG064285.D  
Acq: 4 Sep 2025 17:23

Tgt Ion:154 Resp: 185177  
Ion Ratio Lower Upper  
154 100  
153 116.3 91.1 136.7  
152 50.9 39.6 59.4





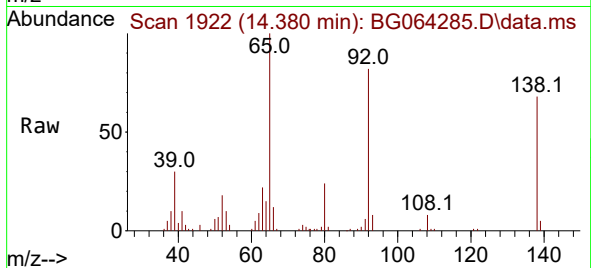
#53  
3-Nitroaniline  
Concen: 29.404 ng  
RT: 14.380 min Scan# 1922  
Delta R.T. -0.007 min  
Lab File: BG064285.D  
Acq: 4 Sep 2025 17:23

Instrument :

BNA\_G

ClientSampleId :

PB169528BS



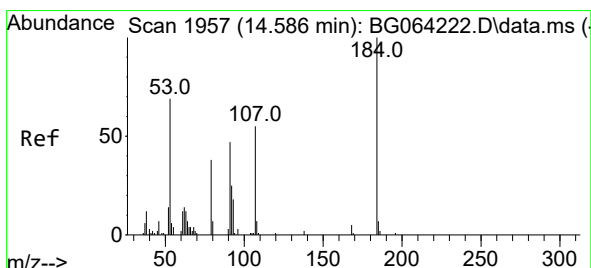
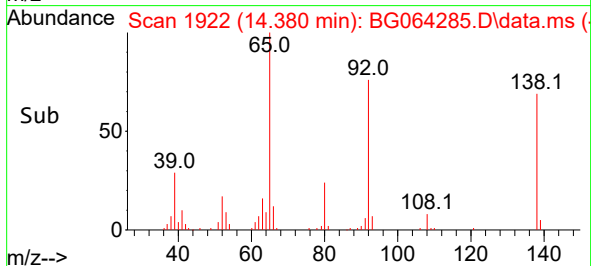
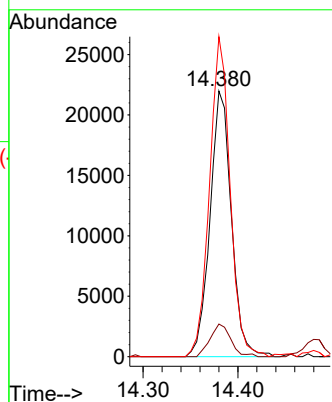
Tgt Ion:138 Resp: 3436  
Ion Ratio Lower Upper  
138 100  
108 12.3 11.0 16.6  
92 120.5 91.4 137.0

Manual Integrations  
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Chavli

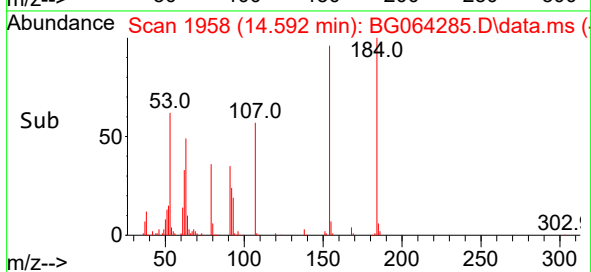
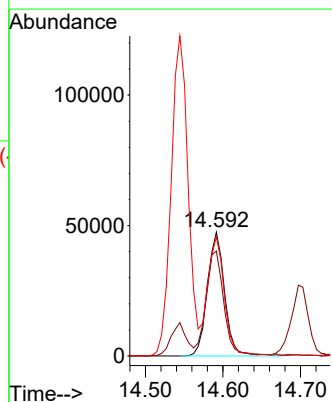
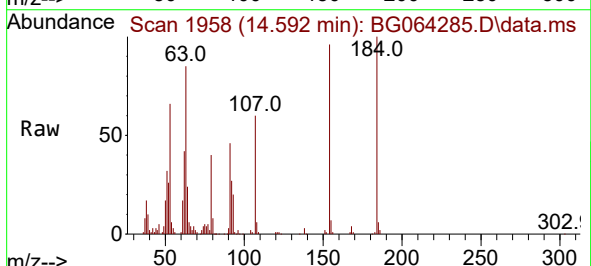
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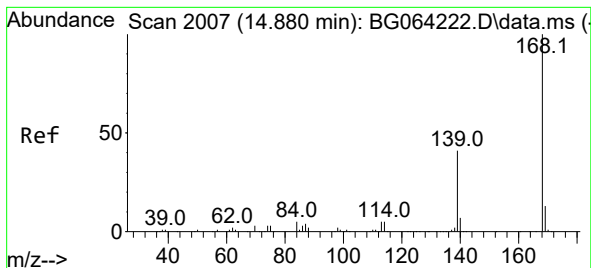
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Upadhyay  
09/05/2025



#54  
2,4-Dinitrophenol  
Concen: 99.360 ng  
RT: 14.592 min Scan# 1958  
Delta R.T. -0.001 min  
Lab File: BG064285.D  
Acq: 4 Sep 2025 17:23

Tgt Ion:184 Resp: 73507  
Ion Ratio Lower Upper  
184 100  
63 84.8 60.1 90.1  
154 96.3 59.8 89.8#





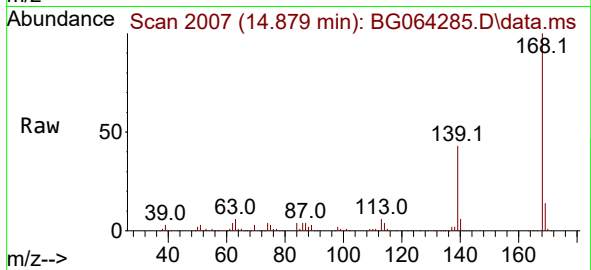
#55  
Dibenzofuran  
Concen: 45.238 ng  
RT: 14.879 min Scan# 2007  
Delta R.T. -0.001 min  
Lab File: BG064285.D  
Acq: 4 Sep 2025 17:23

Instrument :

BNA\_G

ClientSampleId :

PB169528BS



Tgt Ion:168 Resp: 30949  
Ion Ratio Lower Upper  
168 100  
139 42.8 33.2 49.8  
169 13.9 10.4 15.6

Manual Integrations  
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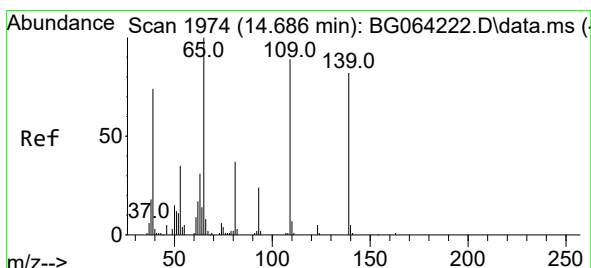
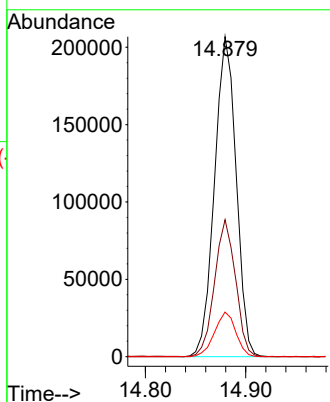
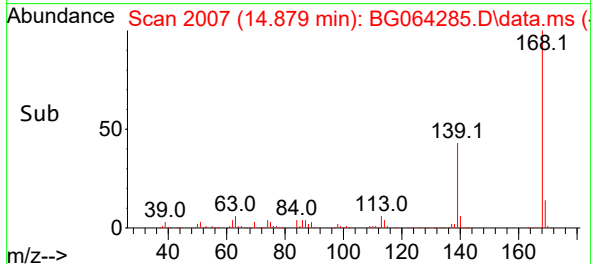
Reviewed By :Rahul  
Chavli

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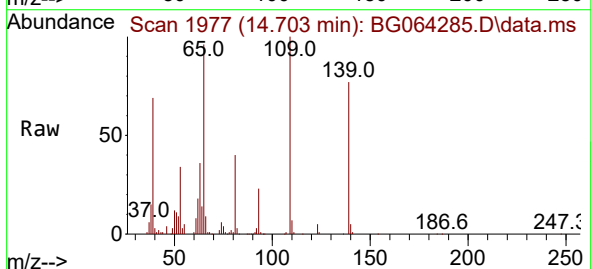
Supervised By :Jagrut

Upadhyay

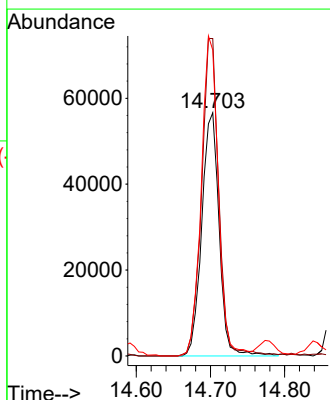
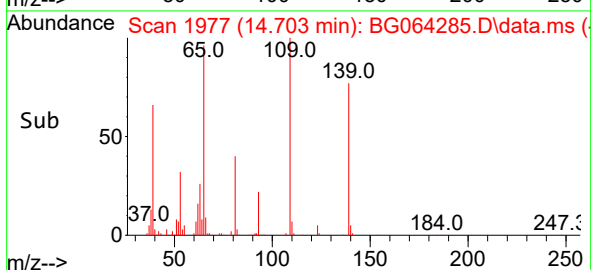
09/05/2025

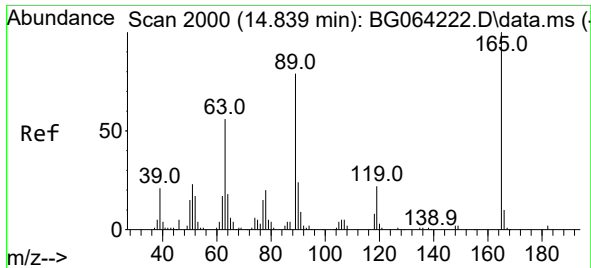


#56  
4-Nitrophenol  
Concen: 96.546 ng  
RT: 14.703 min Scan# 1977  
Delta R.T. 0.005 min  
Lab File: BG064285.D  
Acq: 4 Sep 2025 17:23



Tgt Ion:139 Resp: 92564  
Ion Ratio Lower Upper  
139 100  
109 130.6 89.1 129.1#  
65 125.8 102.9 142.9





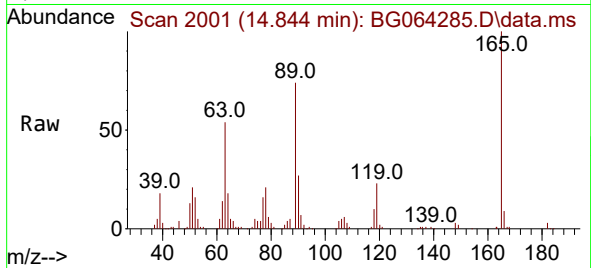
#57  
2,4-Dinitrotoluene  
Concen: 50.798 ng  
RT: 14.844 min Scan# 2001  
Delta R.T. -0.001 min  
Lab File: BG064285.D  
Acq: 4 Sep 2025 17:23

Instrument :

BNA\_G

ClientSampleId :

PB169528BS



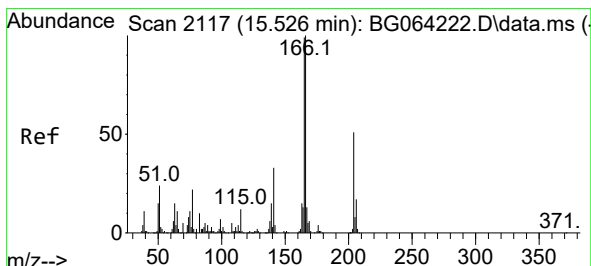
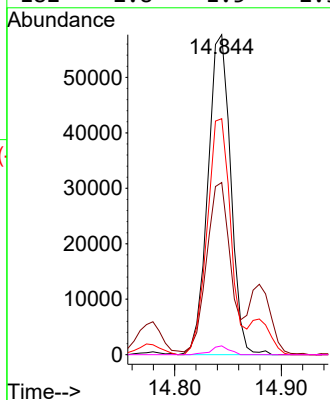
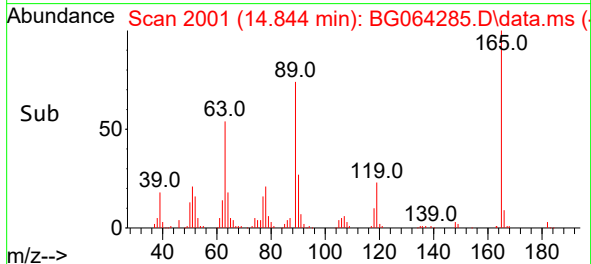
Tgt Ion:165 Resp: 8570  
Ion Ratio Lower Upper  
165 100  
63 53.8 44.6 67.0  
89 73.8 63.0 94.4  
182 2.8 1.5 2.3

Manual Integrations  
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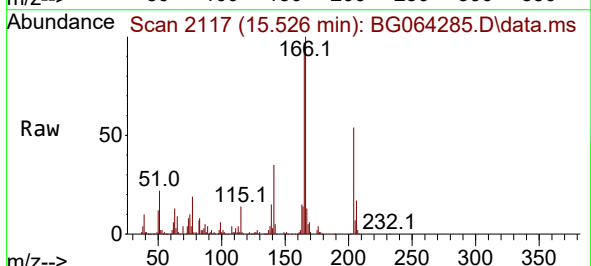
Reviewed By :Rahul  
Chavli

09/05/2025

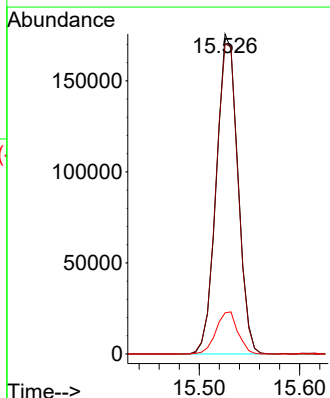
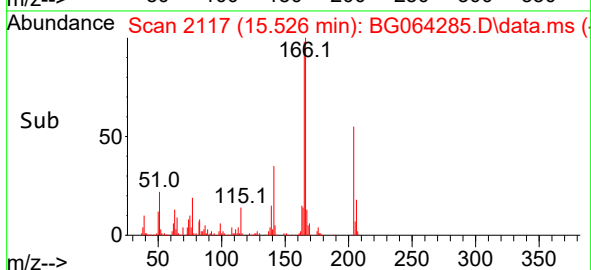
Supervised By :Jagrut  
Upadhyay  
09/05/2025

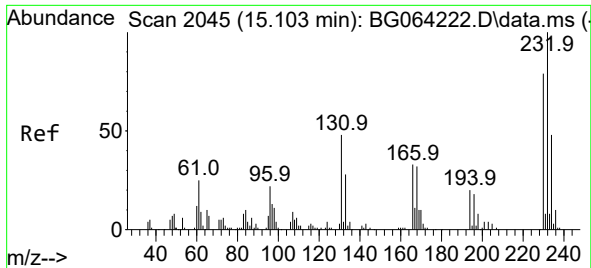


#58  
Fluorene  
Concen: 46.407 ng  
RT: 15.526 min Scan# 2117  
Delta R.T. -0.007 min  
Lab File: BG064285.D  
Acq: 4 Sep 2025 17:23



Tgt Ion:166 Resp: 260231  
Ion Ratio Lower Upper  
166 100  
165 96.9 79.1 118.7  
167 12.9 10.2 15.4





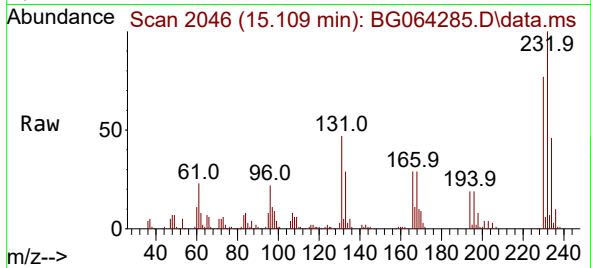
#59  
2,3,4,6-Tetrachlorophenol  
Concen: 52.744 ng  
RT: 15.109 min Scan# 2046  
Delta R.T. -0.001 min  
Lab File: BG064285.D  
Acq: 4 Sep 2025 17:23

Instrument :

BNA\_G

ClientSampleId :

PB169528BS



Tgt Ion:232 Resp: 80810  
Ion Ratio Lower Upper  
232 100  
131 43.3 37.1 55.7  
130 3.1 2.6 3.8  
166 30.7 25.8 38.6

Manual Integrations

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Reviewed By :Rahul

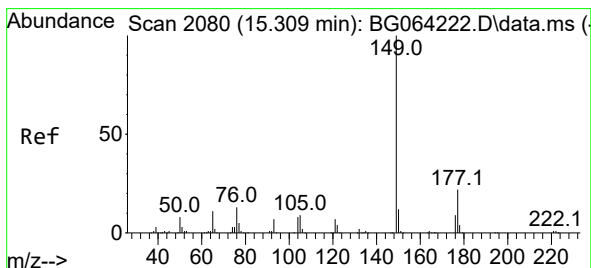
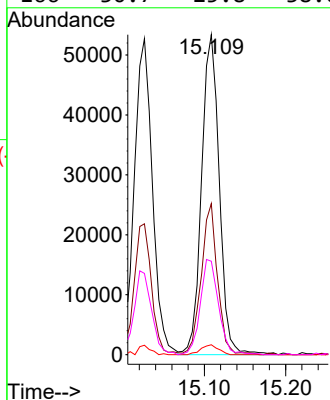
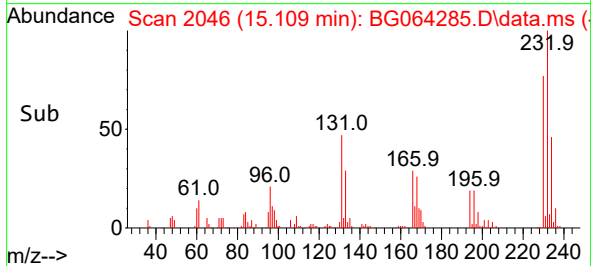
Chavli

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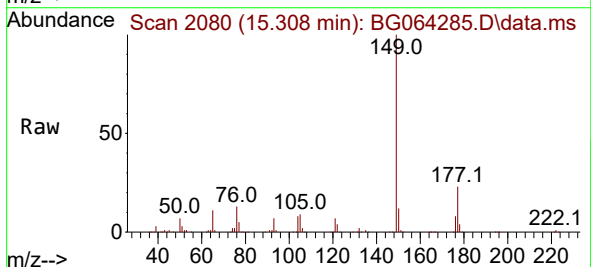
Supervised By :Jagrut

Upadhyay

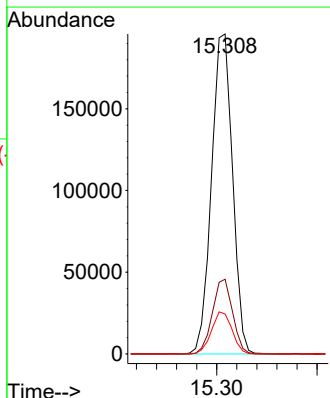
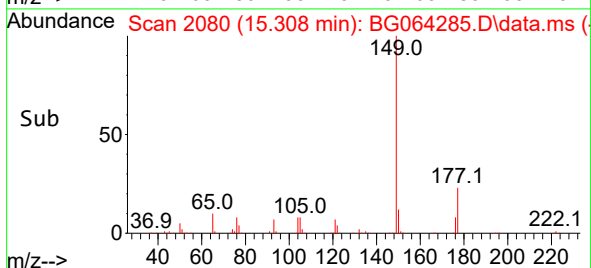
09/05/2025

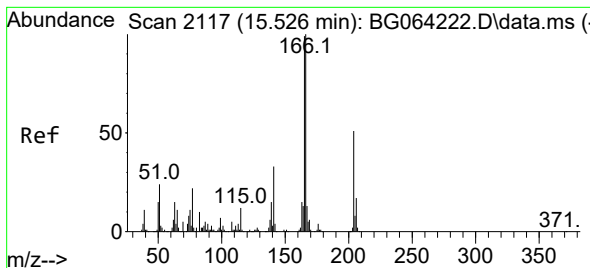


#60  
Diethylphthalate  
Concen: 46.136 ng  
RT: 15.308 min Scan# 2080  
Delta R.T. -0.007 min  
Lab File: BG064285.D  
Acq: 4 Sep 2025 17:23



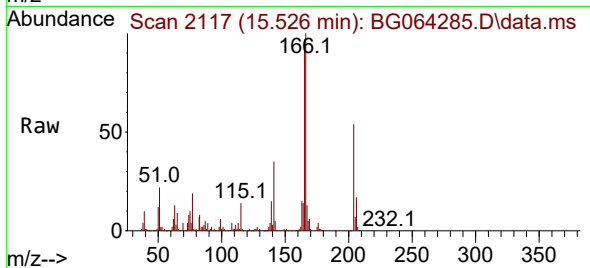
Tgt Ion:149 Resp: 284583  
Ion Ratio Lower Upper  
149 100  
177 23.4 17.5 26.3  
150 12.5 9.9 14.9





#61  
4-Chlorophenyl-phenylether  
Concen: 47.199 ng  
RT: 15.526 min Scan# 2117  
Delta R.T. -0.001 min  
Lab File: BG064285.D  
Acq: 4 Sep 2025 17:23

Instrument :  
BNA\_G  
ClientSampleId :  
PB169528BS



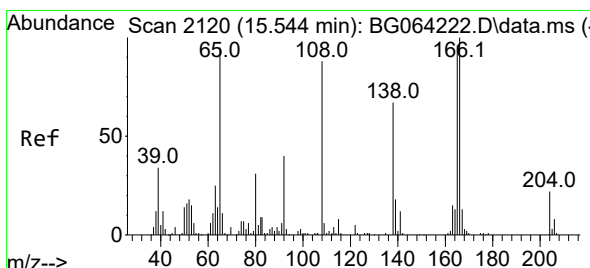
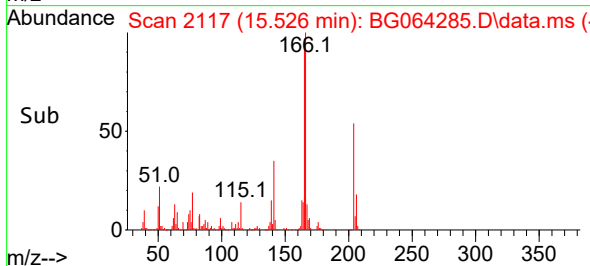
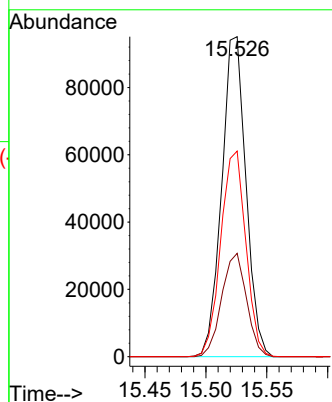
Tgt Ion:204 Resp: 131960  
Ion Ratio Lower Upper  
204 100  
206 32.3 26.2 39.4  
141 64.2 51.9 77.9

Manual Integrations  
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Chavli

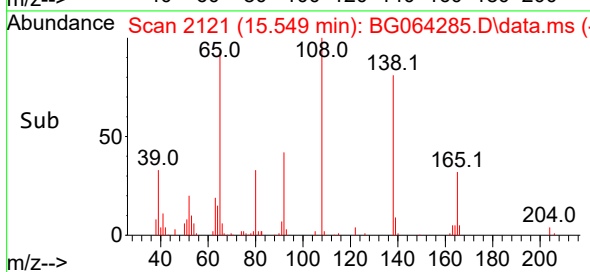
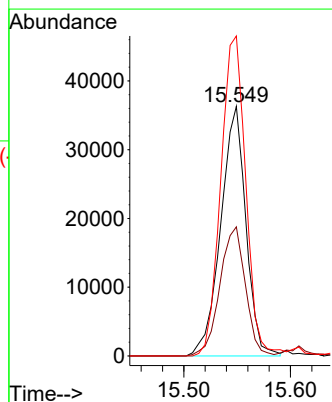
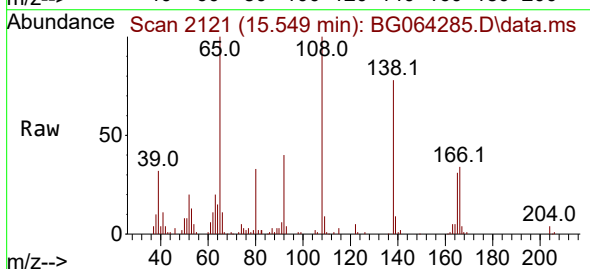
09/05/2025

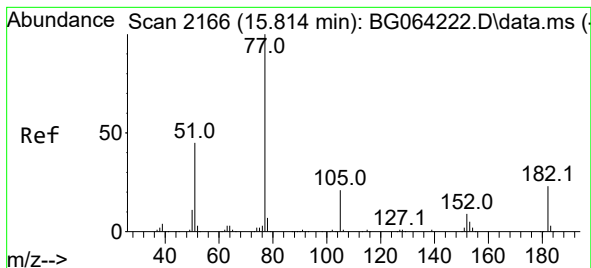
Supervised By :Jagrut  
Upadhyay  
09/05/2025



#62  
4-Nitroaniline  
Concen: 49.907 ng  
RT: 15.549 min Scan# 2121  
Delta R.T. -0.007 min  
Lab File: BG064285.D  
Acq: 4 Sep 2025 17:23

Tgt Ion:138 Resp: 59521  
Ion Ratio Lower Upper  
138 100  
92 51.7 39.1 79.1  
108 128.2 111.3 151.3





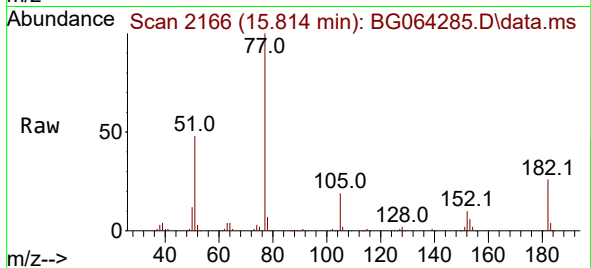
#63  
Azobenzene  
Concen: 45.160 ng  
RT: 15.814 min Scan# 2166  
Delta R.T. -0.007 min  
Lab File: BG064285.D  
Acq: 4 Sep 2025 17:23

Instrument :

BNA\_G

ClientSampleId :

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Tgt Ion: 77 Resp: 248278  
Ion Ratio Lower Upper  
77 100  
182 26.0 3.3 43.3  
105 19.1 0.6 40.6  
51 48.5 25.3 65.3

Manual Integrations

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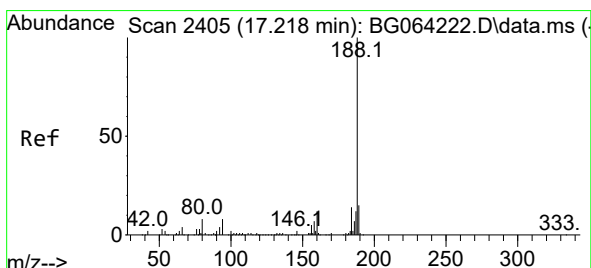
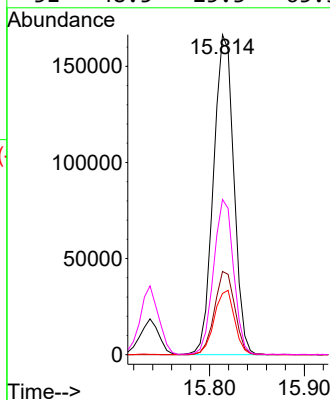
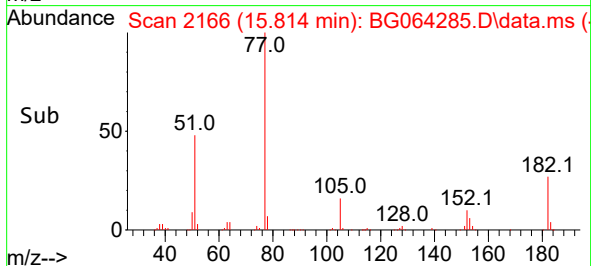
Chavli

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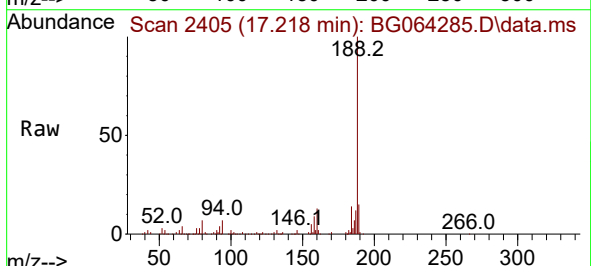
Supervised By :Jagrut

Upadhyay

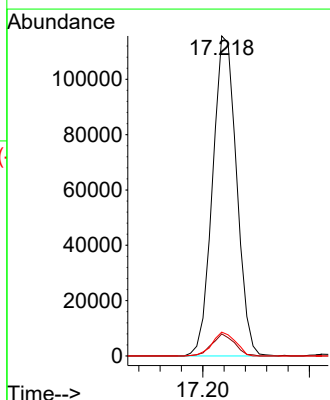
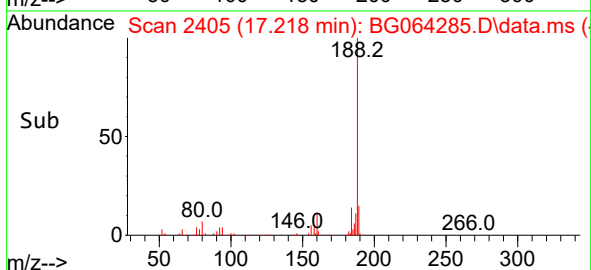
09/05/2025

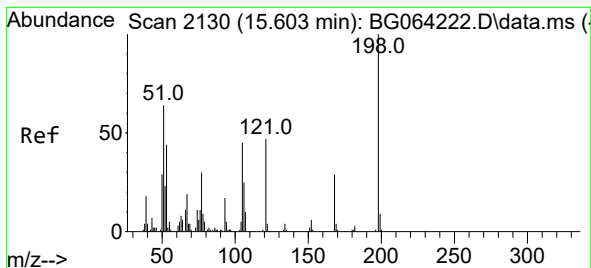


#64  
Phenanthrene-d10  
Concen: 20.000 ng  
RT: 17.218 min Scan# 2405  
Delta R.T. -0.007 min  
Lab File: BG064285.D  
Acq: 4 Sep 2025 17:23



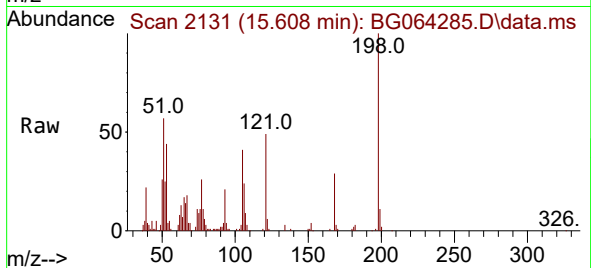
Tgt Ion:188 Resp: 180175  
Ion Ratio Lower Upper  
188 100  
94 6.9 6.2 9.4  
80 7.4 6.8 10.2





#65  
4,6-Dinitro-2-methylphenol  
Concen: 55.312 ng  
RT: 15.608 min Scan# 2130  
Delta R.T. -0.001 min  
Lab File: BG064285.D  
Acq: 4 Sep 2025 17:23

Instrument :  
BNA\_G  
ClientSampleId :  
PB169528BS



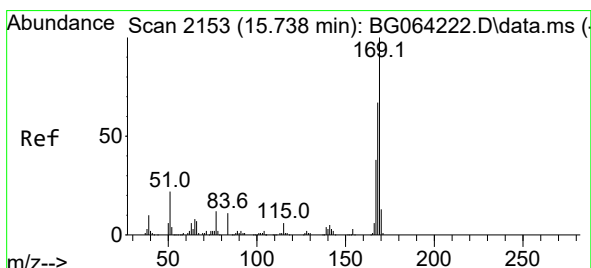
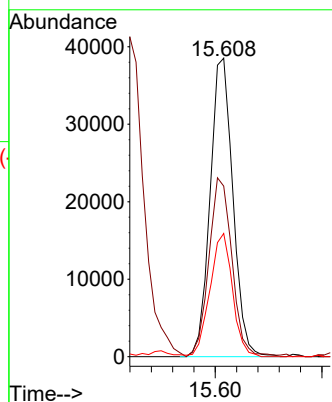
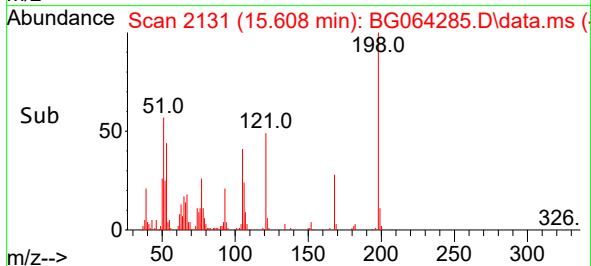
Tgt Ion:198 Resp: 5721  
Ion Ratio Lower Upper  
198 100  
51 57.1 46.2 86.2  
105 41.2 25.0 65.0

Manual Integrations  
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Chavli

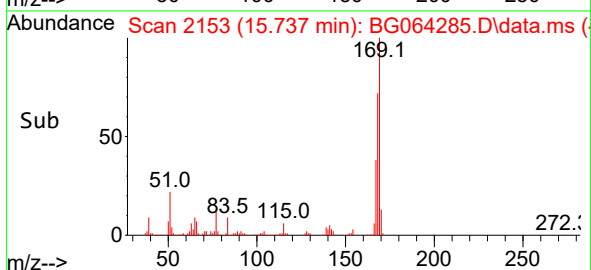
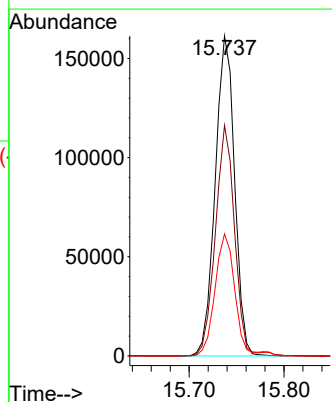
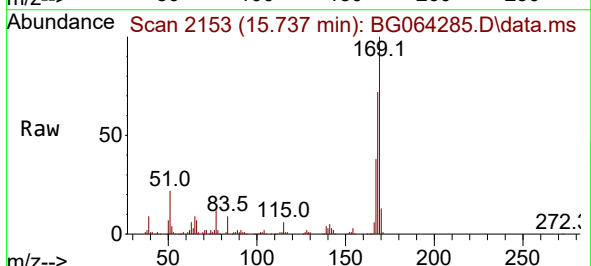
09/05/2025

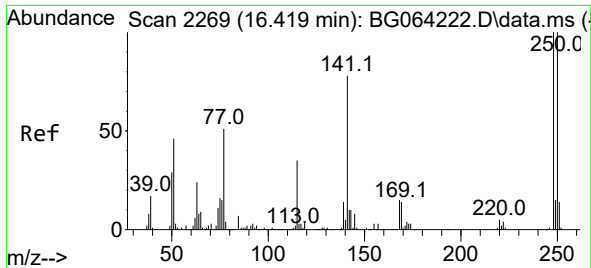
Supervised By :Jagrut  
Upadhyay  
09/05/2025



#66  
n-Nitrosodiphenylamine  
Concen: 46.225 ng  
RT: 15.737 min Scan# 2153  
Delta R.T. -0.007 min  
Lab File: BG064285.D  
Acq: 4 Sep 2025 17:23

Tgt Ion:169 Resp: 229110  
Ion Ratio Lower Upper  
169 100  
168 72.0 53.8 80.8  
167 38.2 30.2 45.2





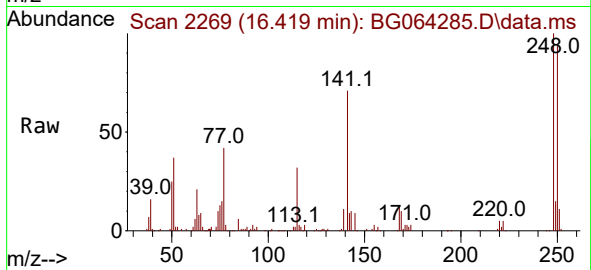
#67  
4-Bromophenyl-phenylether  
Concen: 48.469 ng  
RT: 16.419 min Scan# 21  
Delta R.T. -0.001 min  
Lab File: BG064285.D  
Acq: 4 Sep 2025 17:23

Instrument :

BNA\_G

ClientSampleId :

PB169528BS



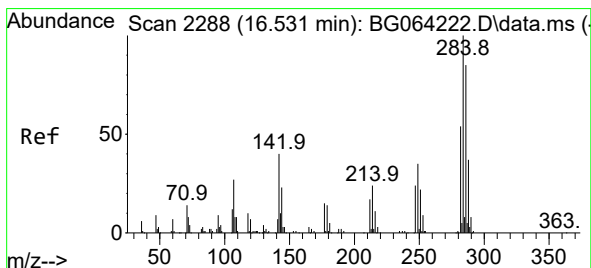
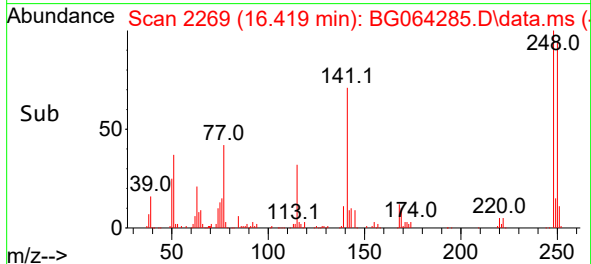
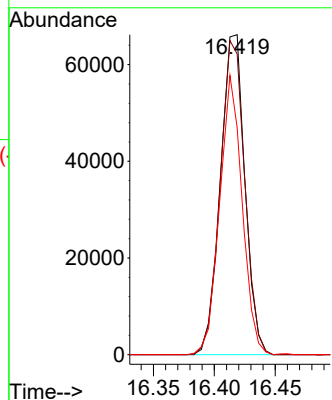
Tgt Ion:248 Resp: 92754  
Ion Ratio Lower Upper  
248 100  
250 94.0 80.2 120.4  
141 71.0 62.4 93.6

Manual Integrations  
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Chavli

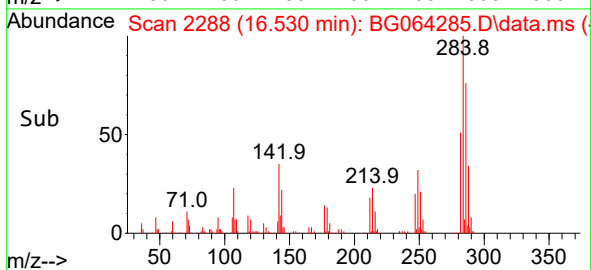
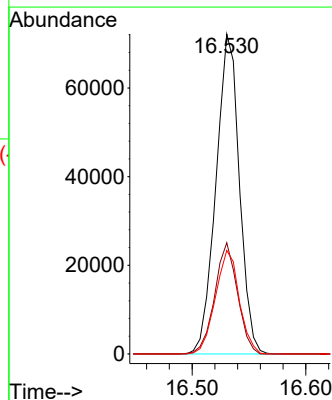
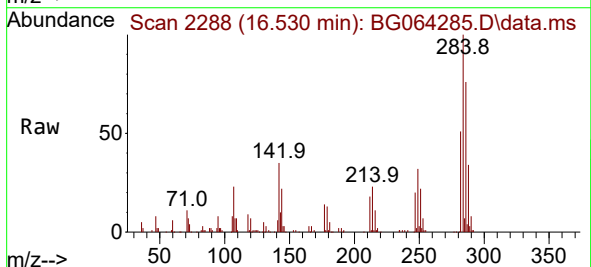
09/05/2025

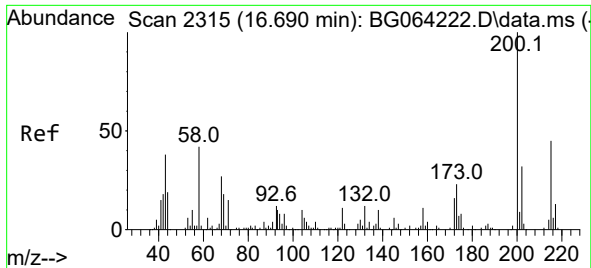
Supervised By :Jagrut  
Upadhyay  
09/05/2025



#68  
Hexachlorobenzene  
Concen: 48.563 ng  
RT: 16.530 min Scan# 2288  
Delta R.T. -0.007 min  
Lab File: BG064285.D  
Acq: 4 Sep 2025 17:23

Tgt Ion:284 Resp: 103201  
Ion Ratio Lower Upper  
284 100  
142 34.8 32.1 48.1  
249 32.4 28.3 42.5





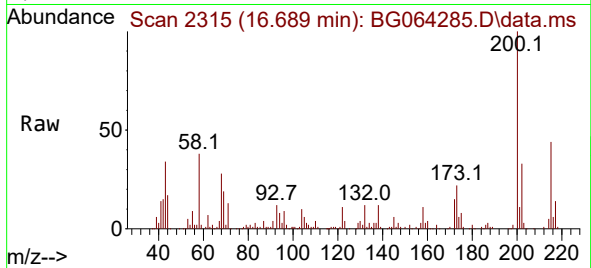
#69  
 Atrazine  
 Concen: 47.773 ng  
 RT: 16.689 min Scan# 21  
 Delta R.T. -0.007 min  
 Lab File: BG064285.D  
 Acq: 4 Sep 2025 17:23

Instrument :

BNA\_G

ClientSampleId :

PB169528BS



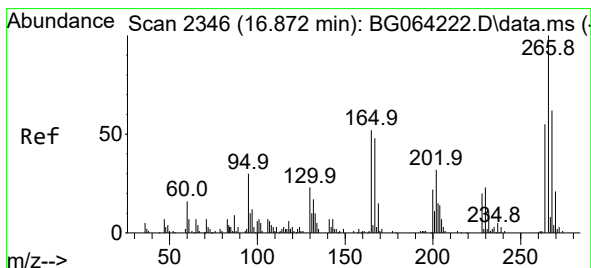
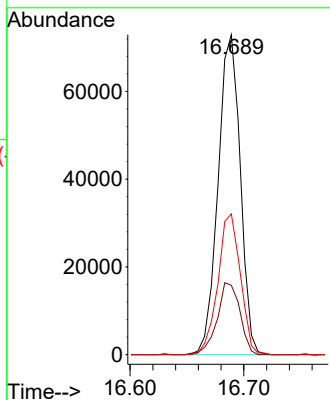
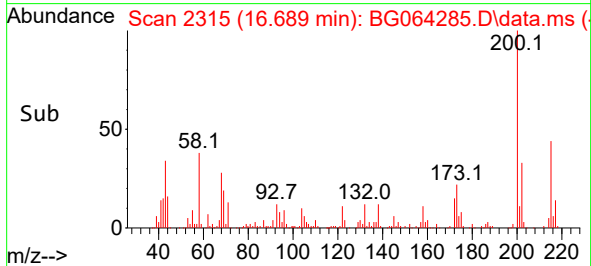
Tgt Ion:200 Resp: 9886  
 Ion Ratio Lower Upper  
 200 100  
 173 21.7 3.5 43.5  
 215 44.0 24.8 64.8

Manual Integrations  
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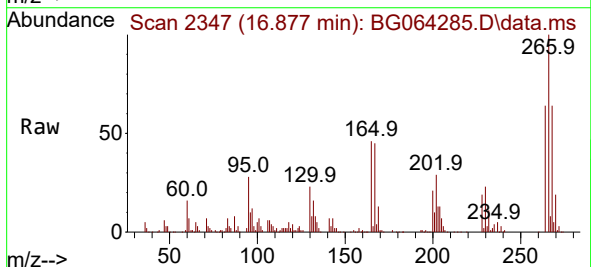
Reviewed By :Rahul  
 Chavli

09/05/2025

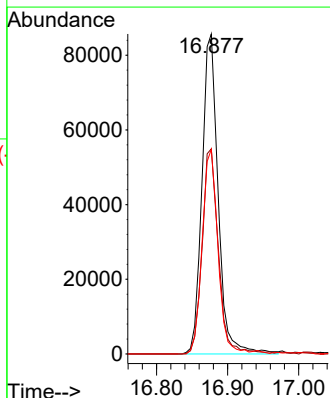
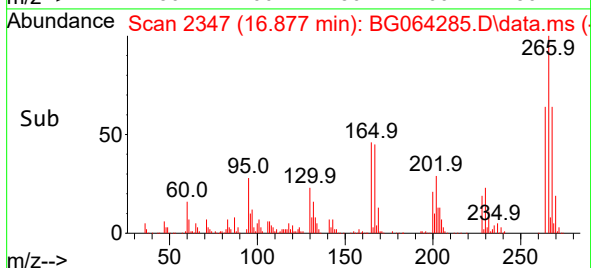
Supervised By :Jagrut  
 Upadhyay  
 09/05/2025

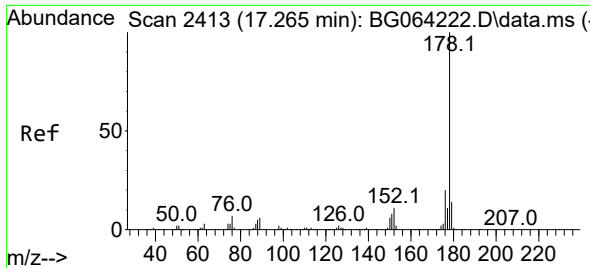


#70  
 Pentachlorophenol  
 Concen: 105.520 ng  
 RT: 16.877 min Scan# 2347  
 Delta R.T. -0.001 min  
 Lab File: BG064285.D  
 Acq: 4 Sep 2025 17:23



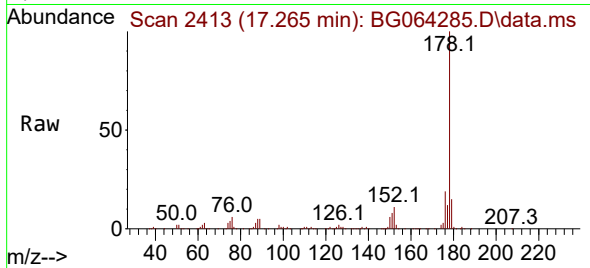
Tgt Ion:266 Resp: 135967  
 Ion Ratio Lower Upper  
 266 100  
 268 64.1 49.4 74.0  
 264 64.0 44.3 66.5





#71  
Phenanthrene  
Concen: 45.442 ng  
RT: 17.265 min Scan# 2413  
Delta R.T. -0.001 min  
Lab File: BG064285.D  
Acq: 4 Sep 2025 17:23

Instrument :  
BNA\_G  
ClientSampleId :  
PB169528BS

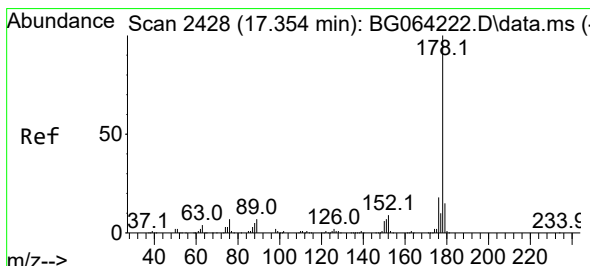
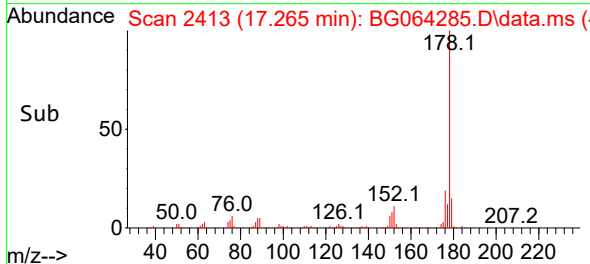
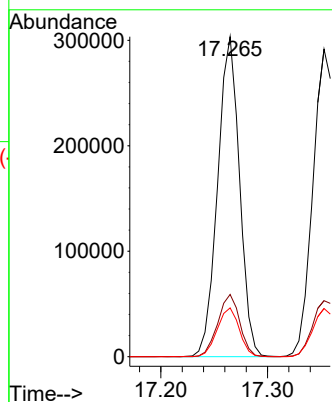


Tgt Ion:178 Resp: 431834  
Ion Ratio Lower Upper  
178 100  
176 19.5 15.9 23.9  
179 15.3 11.4 17.2

Manual Integrations  
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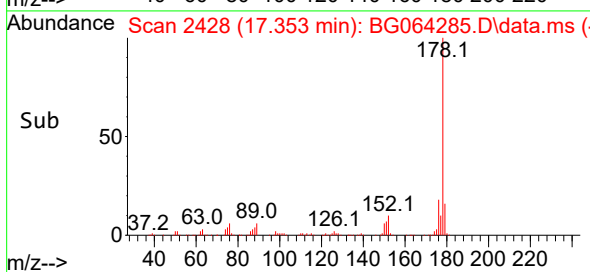
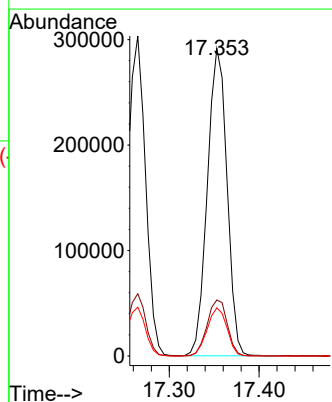
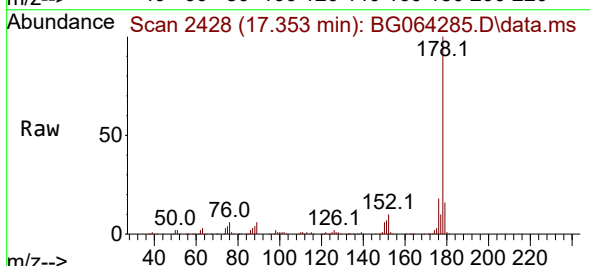
Reviewed By :Rahul  
Chavli  
09/05/2025

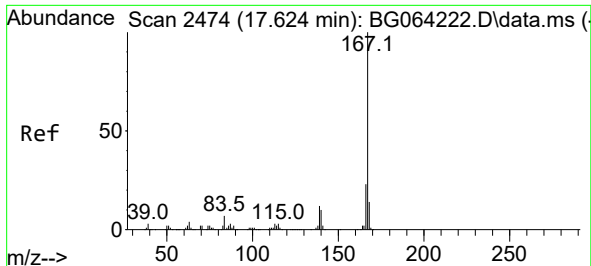
Supervised By :Jagrut  
Upadhyay  
09/05/2025



#72  
Anthracene  
Concen: 45.731 ng  
RT: 17.353 min Scan# 2428  
Delta R.T. -0.007 min  
Lab File: BG064285.D  
Acq: 4 Sep 2025 17:23

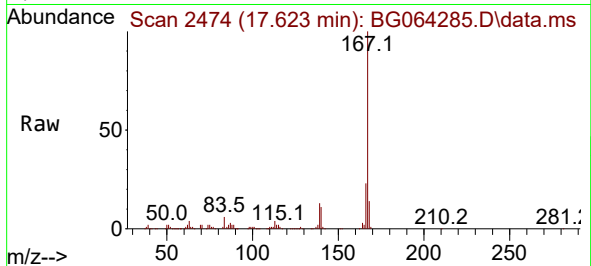
Tgt Ion:178 Resp: 442063  
Ion Ratio Lower Upper  
178 100  
176 18.2 14.7 22.1  
179 15.7 12.1 18.1





#73  
 Carbazole  
 Concen: 46.261 ng  
 RT: 17.623 min Scan# 2474  
 Delta R.T. -0.001 min  
 Lab File: BG064285.D  
 Acq: 4 Sep 2025 17:23

Instrument :  
 BNA\_G  
 ClientSampleId :  
 PB169528BS

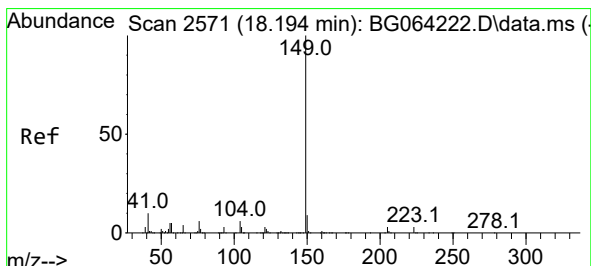
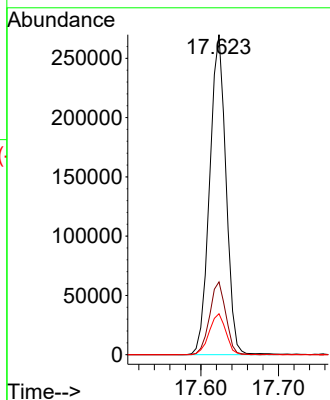
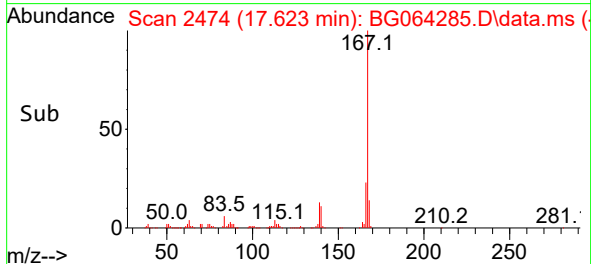


Tgt Ion:167 Resp: 393948  
 Ion Ratio Lower Upper  
 167 100  
 166 22.7 18.2 27.2  
 139 12.8 9.8 14.6

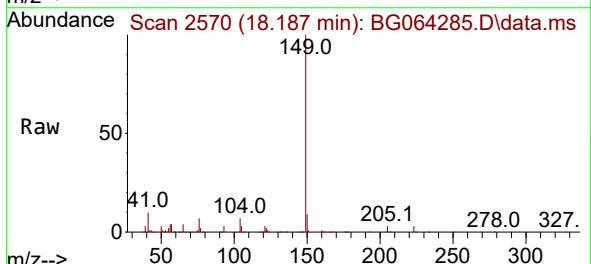
Manual Integrations  
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Reviewed By :Rahul  
 Chavli  
 09/05/2025

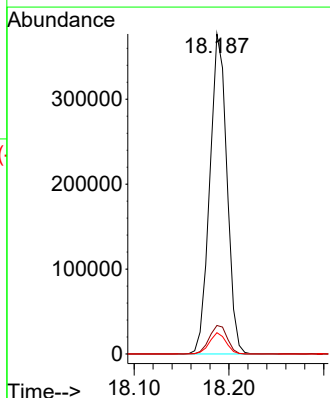
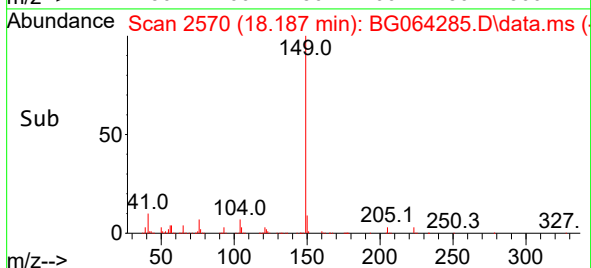
Supervised By :Jagrut  
 Upadhyay  
 09/05/2025

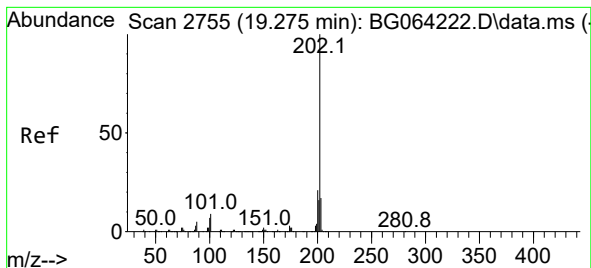


#74  
 Di-n-butylphthalate  
 Concen: 46.163 ng  
 RT: 18.187 min Scan# 2570  
 Delta R.T. -0.007 min  
 Lab File: BG064285.D  
 Acq: 4 Sep 2025 17:23



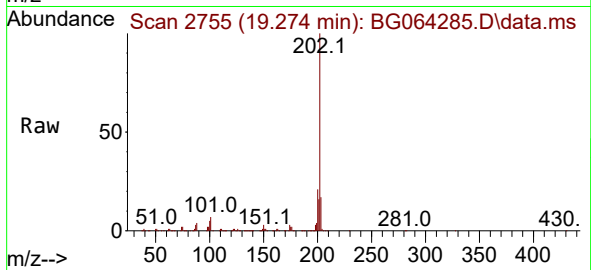
Tgt Ion:149 Resp: 472287  
 Ion Ratio Lower Upper  
 149 100  
 150 8.9 7.5 11.3  
 104 6.6 4.6 7.0





#75  
Fluoranthene  
Concen: 46.023 ng  
RT: 19.274 min Scan# 21  
Delta R.T. -0.001 min  
Lab File: BG064285.D  
Acq: 4 Sep 2025 17:23

Instrument :  
BNA\_G  
ClientSampleId :  
PB169528BS

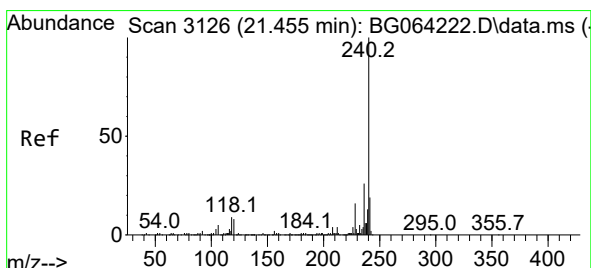
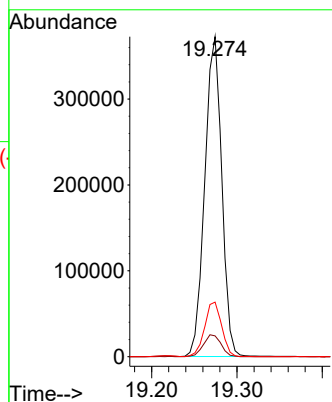
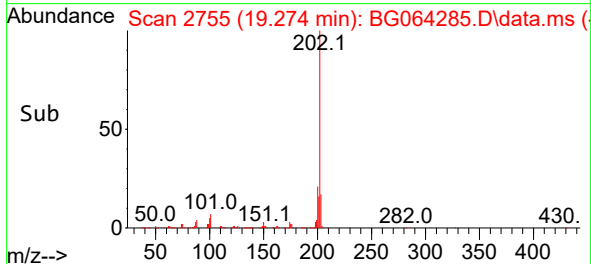


Tgt Ion:202 Resp: 514249  
Ion Ratio Lower Upper  
202 100  
101 6.5 0.0 28.7  
203 17.0 0.0 36.9

Manual Integrations  
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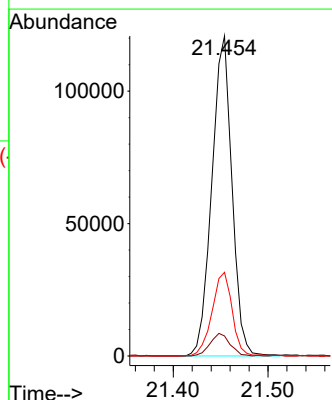
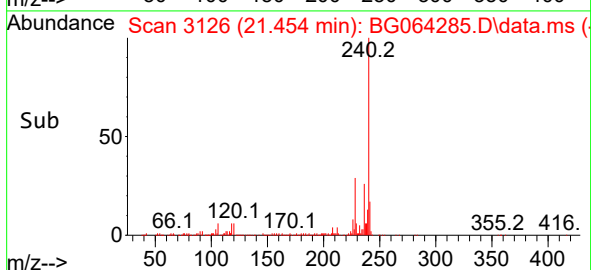
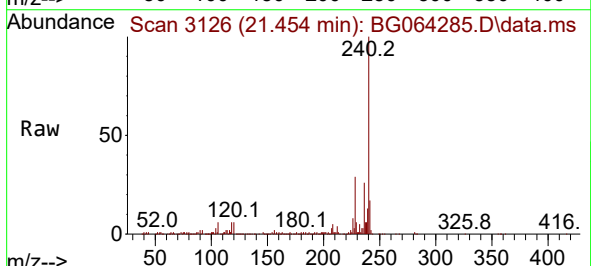
Reviewed By :Rahul  
Chavli  
09/05/2025

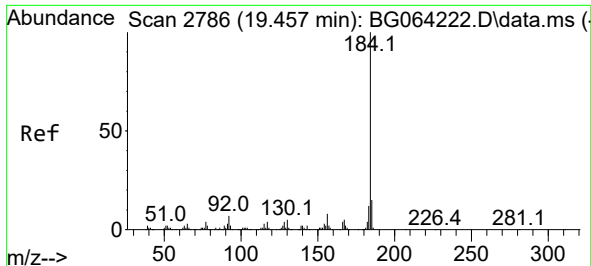
Supervised By :Jagrut  
Upadhyay  
09/05/2025



#76  
Chrysene-d12  
Concen: 20.000 ng  
RT: 21.454 min Scan# 3126  
Delta R.T. -0.001 min  
Lab File: BG064285.D  
Acq: 4 Sep 2025 17:23

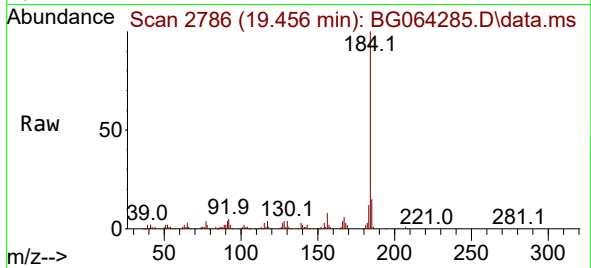
Tgt Ion:240 Resp: 177813  
Ion Ratio Lower Upper  
240 100  
120 6.2 6.2 9.4#  
236 26.2 20.5 30.7





#77  
Benzidine  
Concen: 37.247 ng  
RT: 19.456 min Scan# 21  
Delta R.T. -0.001 min  
Lab File: BG064285.D  
Acq: 4 Sep 2025 17:23

Instrument :  
BNA\_G  
ClientSampleId :  
PB169528BS



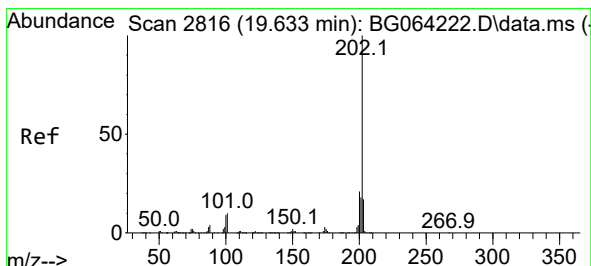
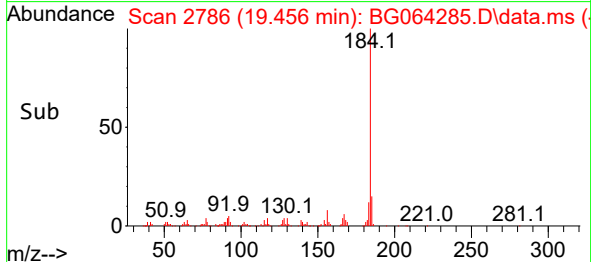
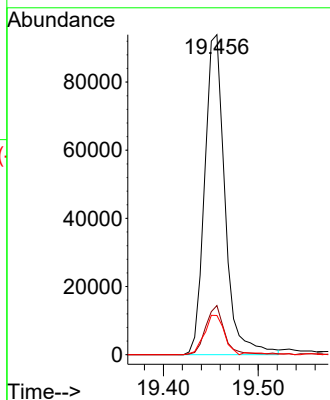
Tgt Ion:184 Resp: 139324  
Ion Ratio Lower Upper  
184 100  
185 15.3 11.7 17.5  
183 12.2 9.7 14.5

Manual Integrations  
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Chavli

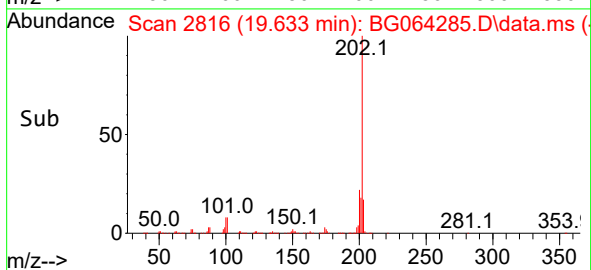
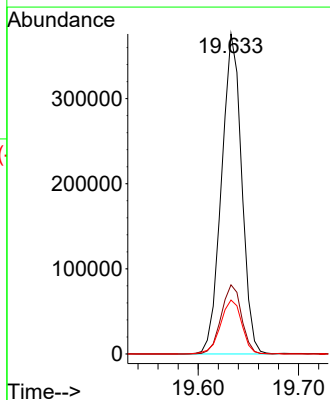
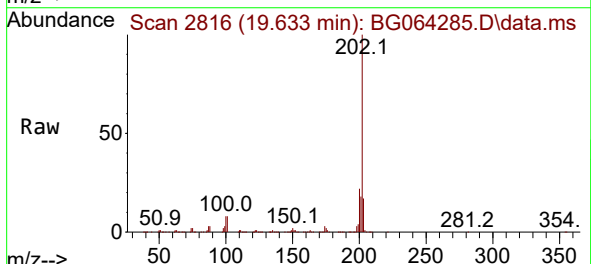
09/05/2025

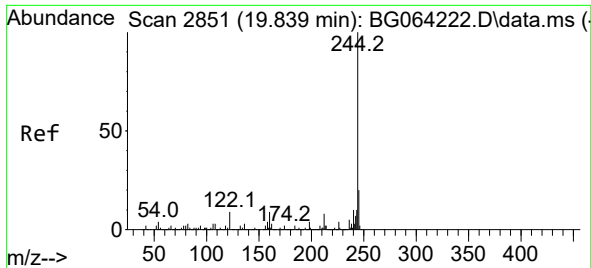
Supervised By :Jagrut  
Upadhyay  
09/05/2025



#78  
Pyrene  
Concen: 46.767 ng  
RT: 19.633 min Scan# 2816  
Delta R.T. -0.007 min  
Lab File: BG064285.D  
Acq: 4 Sep 2025 17:23

Tgt Ion:202 Resp: 523905  
Ion Ratio Lower Upper  
202 100  
200 21.6 16.9 25.3  
203 16.9 13.8 20.8





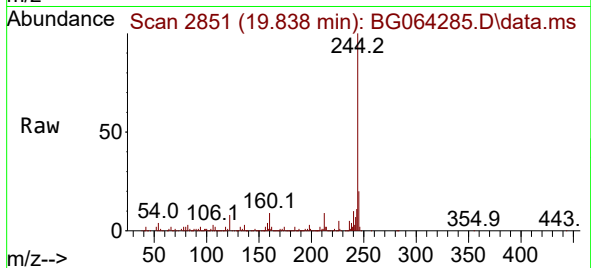
#79  
 Terphenyl-d14  
 Concen: 97.502 ng  
 RT: 19.838 min Scan# 2851  
 Delta R.T. -0.007 min  
 Lab File: BG064285.D  
 Acq: 4 Sep 2025 17:23

Instrument :

BNA\_G

ClientSampleId :

PB169528BS



Tgt Ion:244 Resp: 830980  
 Ion Ratio Lower Upper  
 244 100  
 212 8.6 6.6 10.0  
 122 7.7 7.0 10.6

Manual Integrations  
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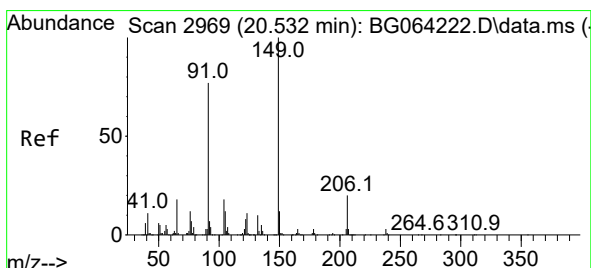
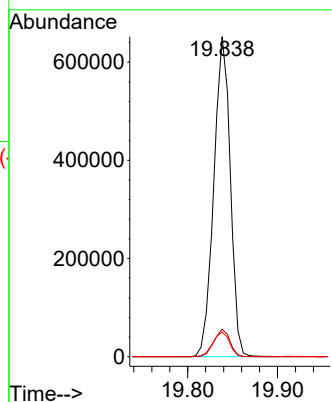
Reviewed By :Rahul  
 Chavli

09/05/2025

Supervised By :Jagrut

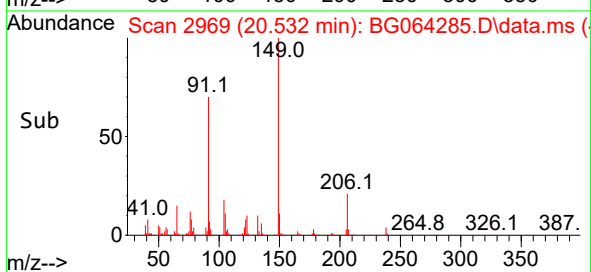
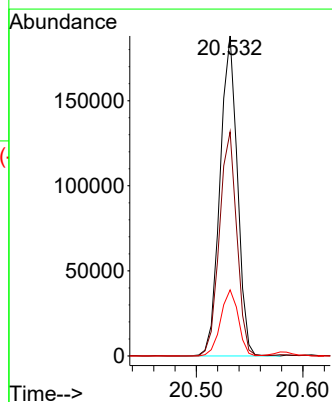
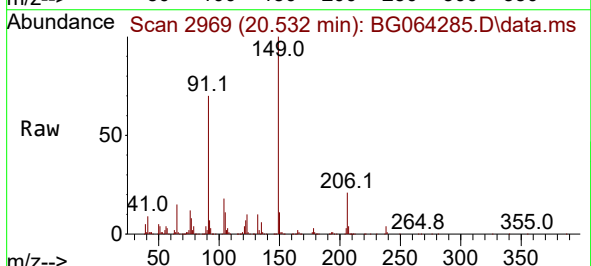
Upadhyay

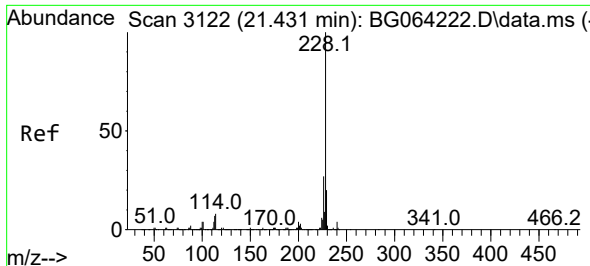
09/05/2025



#80  
 Butylbenzylphthalate  
 Concen: 50.297 ng  
 RT: 20.532 min Scan# 2969  
 Delta R.T. -0.001 min  
 Lab File: BG064285.D  
 Acq: 4 Sep 2025 17:23

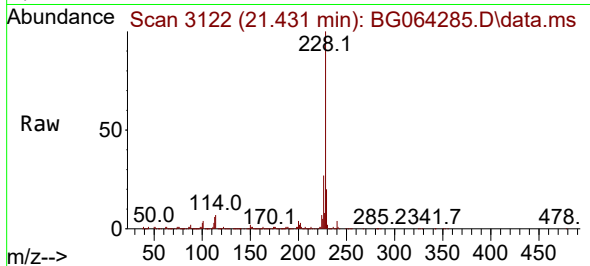
Tgt Ion:149 Resp: 212518  
 Ion Ratio Lower Upper  
 149 100  
 91 70.0 61.4 92.0  
 206 20.6 15.8 23.6





#81  
Benzo(a)anthracene  
Concen: 47.798 ng  
RT: 21.431 min Scan# 3122  
Delta R.T. -0.007 min  
Lab File: BG064285.D  
Acq: 4 Sep 2025 17:23

Instrument :  
BNA\_G  
ClientSampleId :  
PB169528BS

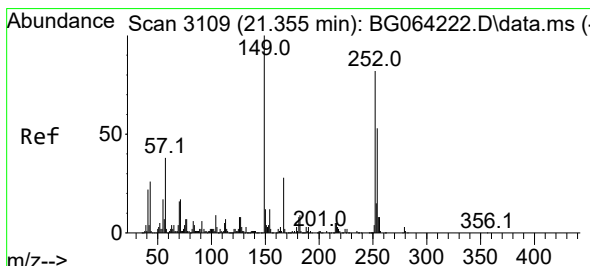
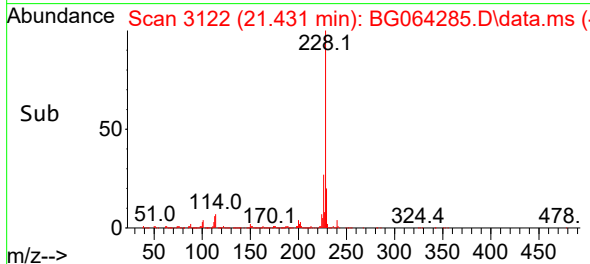
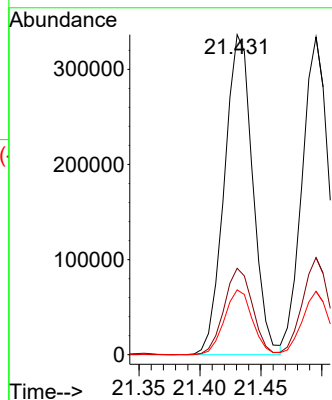


Tgt Ion:228 Resp: 54374  
Ion Ratio Lower Upper  
228 100  
226 27.0 21.7 32.5  
229 20.3 15.9 23.9

Manual Integrations  
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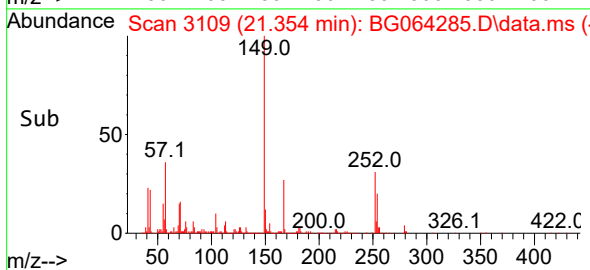
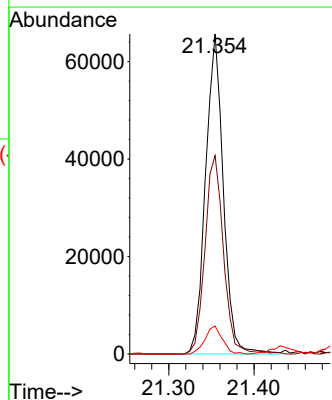
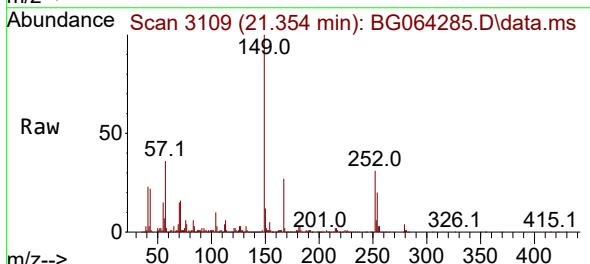
Reviewed By :Rahul  
Chavli  
09/05/2025

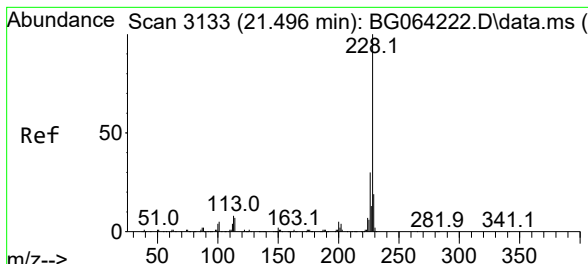
Supervised By :Jagrut  
Upadhyay  
09/05/2025



#82  
3,3'-Dichlorobenzidine  
Concen: 25.592 ng  
RT: 21.354 min Scan# 3109  
Delta R.T. -0.007 min  
Lab File: BG064285.D  
Acq: 4 Sep 2025 17:23

Tgt Ion:252 Resp: 94815  
Ion Ratio Lower Upper  
252 100  
254 62.0 51.9 77.9  
126 8.7 7.6 11.4





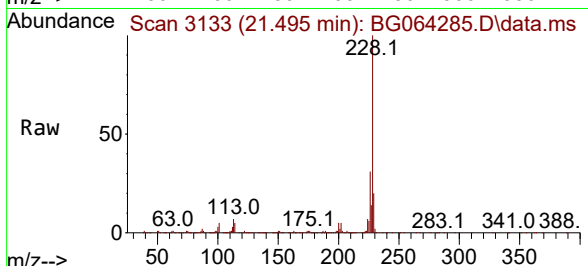
#83  
 Chrysene  
 Concen: 46.599 ng  
 RT: 21.495 min Scan# 3113  
 Delta R.T. -0.007 min  
 Lab File: BG064285.D  
 Acq: 4 Sep 2025 17:23

Instrument :

BNA\_G

ClientSampleId :

PB169528BS



Tgt Ion:228 Resp: 508900

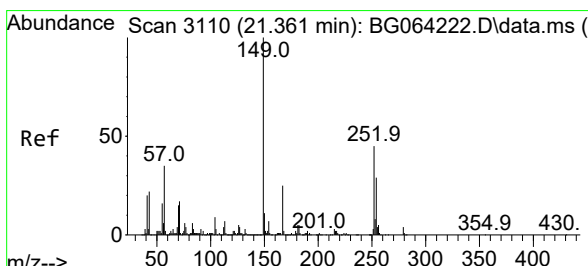
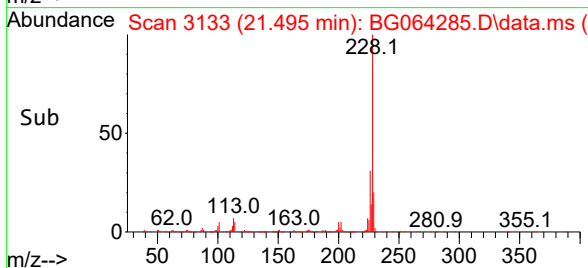
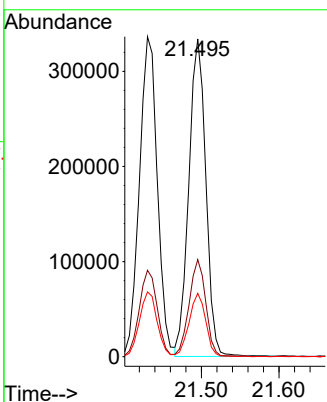
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 228 | 100   |       |       |
| 226 | 30.6  | 24.2  | 36.2  |
| 229 | 19.9  | 15.4  | 23.2  |

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Reviewed By :Rahul  
 Chavli

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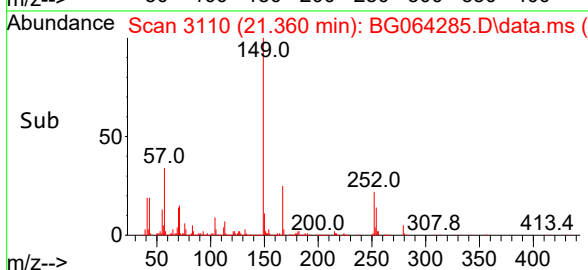
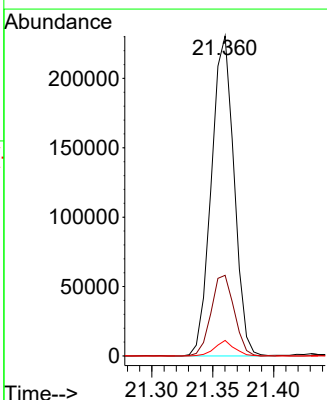
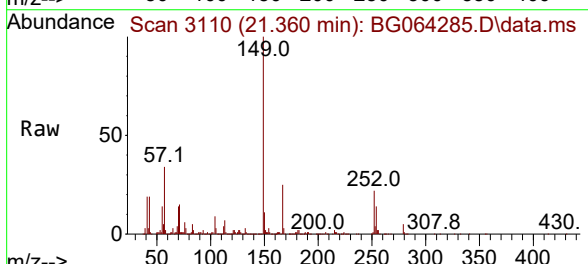
Supervised By :Jagrut  
 Upadhyay  
 09/05/2025

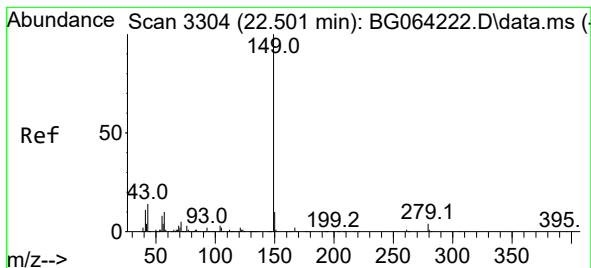


#84  
 Bis(2-ethylhexyl)phthalate  
 Concen: 47.047 ng  
 RT: 21.360 min Scan# 3110  
 Delta R.T. -0.007 min  
 Lab File: BG064285.D  
 Acq: 4 Sep 2025 17:23

Tgt Ion:149 Resp: 298447

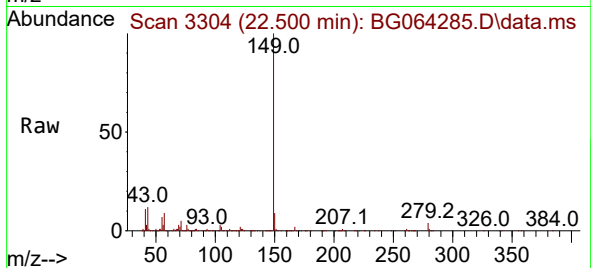
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 149 | 100   |       |       |
| 167 | 25.2  | 20.0  | 30.0  |
| 279 | 4.9   | 3.0   | 4.4   |





#85  
Di-n-octyl phthalate  
Concen: 47.092 ng  
RT: 22.500 min Scan# 31  
Delta R.T. -0.007 min  
Lab File: BG064285.D  
Acq: 4 Sep 2025 17:23

Instrument :  
BNA\_G  
ClientSampleId :  
PB169528BS

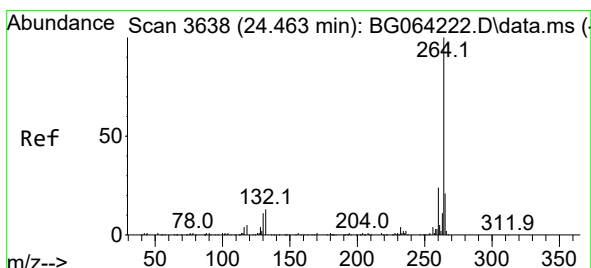
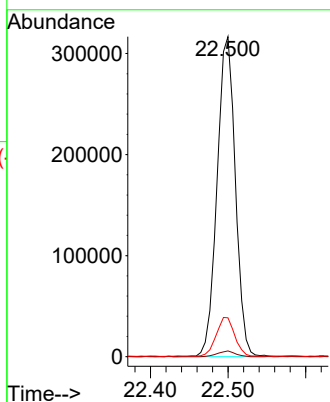
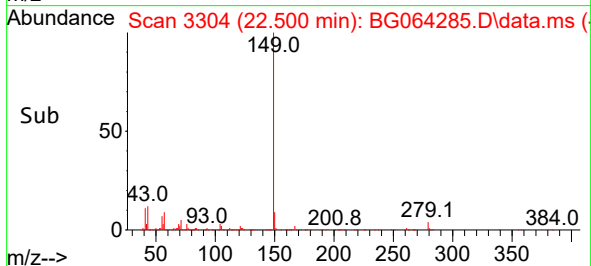


Tgt Ion:149 Resp: 520514  
Ion Ratio Lower Upper  
149 100  
167 1.7 1.3 1.9  
43 12.1 10.8 16.2

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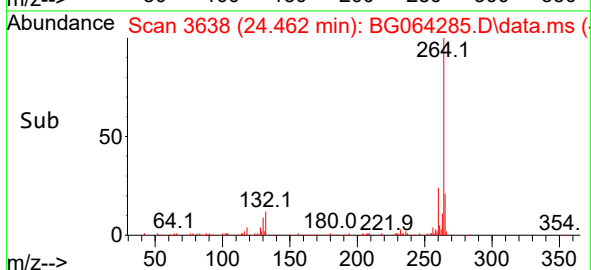
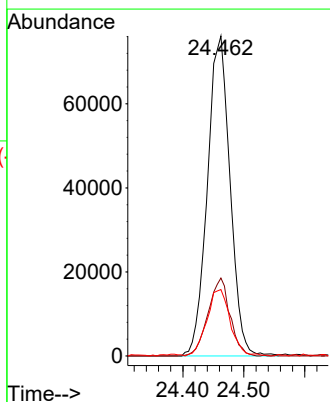
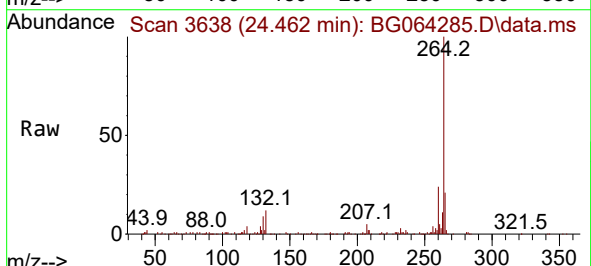
Reviewed By :Rahul  
Chavli  
09/05/2025

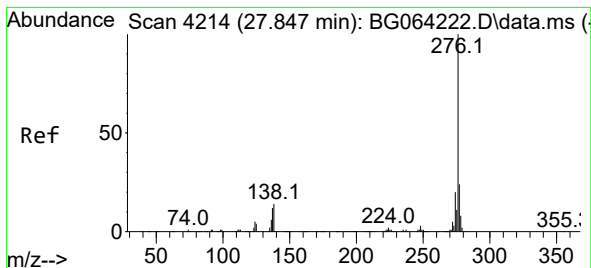
Supervised By :Jagrut  
Upadhyay  
09/05/2025



#86  
Perylene-d12  
Concen: 20.000 ng  
RT: 24.462 min Scan# 3638  
Delta R.T. -0.001 min  
Lab File: BG064285.D  
Acq: 4 Sep 2025 17:23

Tgt Ion:264 Resp: 197000  
Ion Ratio Lower Upper  
264 100  
260 24.4 18.9 28.3  
265 20.8 16.7 25.1





#87

Indeno(1,2,3-cd)pyrene

Concen: 48.025 ng

RT: 27.847 min Scan# 4214

Delta R.T. -0.024 min

Lab File: BG064285.D

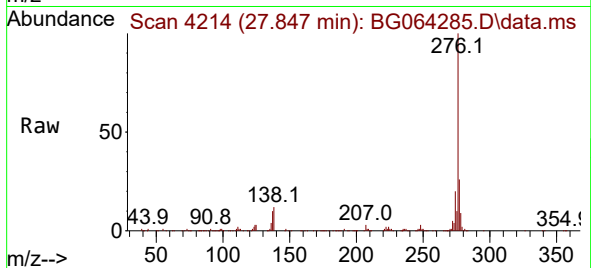
Acq: 4 Sep 2025 17:23

Instrument :

BNA\_G

ClientSampleId :

PB169528BS



Tgt Ion:276 Resp: 646102

Ion Ratio Lower Upper

276 100

138 5.7 7.4 11.0

277 25.4 20.5 30.7

Manual Integrations

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Reviewed By :Rahul

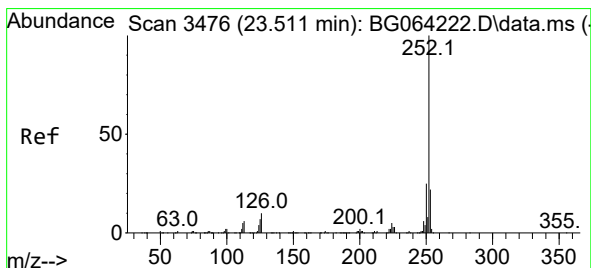
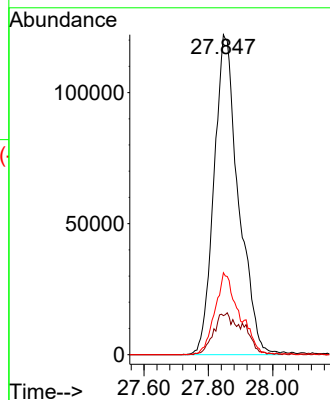
Chavli

09/05/2025

Supervised By :Jagrut

Upadhyay

09/05/2025



#88

Benzo(b)fluoranthene

Concen: 47.254 ng

RT: 23.510 min Scan# 3476

Delta R.T. -0.007 min

Lab File: BG064285.D

Acq: 4 Sep 2025 17:23

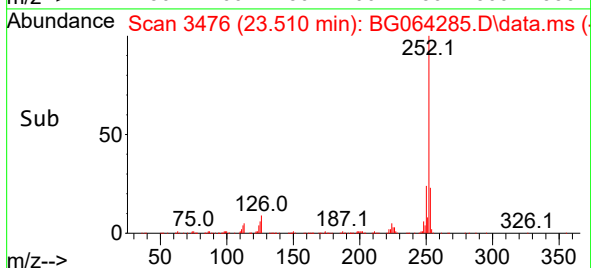
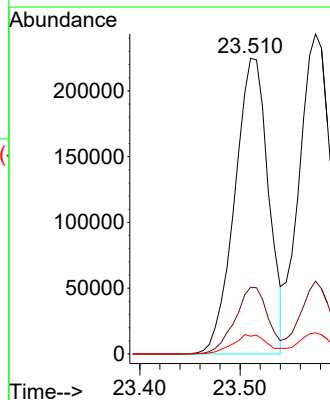
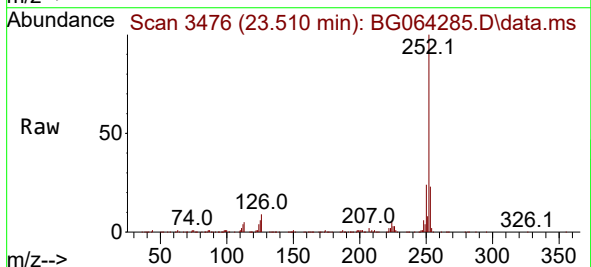
Tgt Ion:252 Resp: 525396

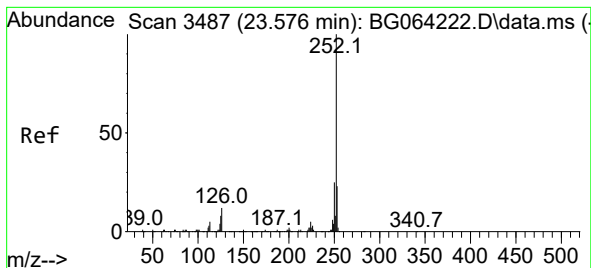
Ion Ratio Lower Upper

252 100

253 22.6 17.5 26.3

125 6.0 5.9 8.9





#89

Benzo(k)fluoranthene

Concen: 47.783 ng

RT: 23.575 min Scan# 3487

Delta R.T. -0.013 min

Lab File: BG064285.D

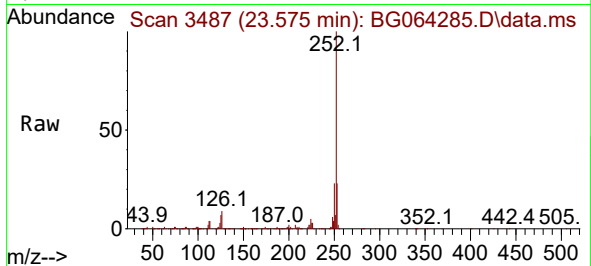
Acq: 4 Sep 2025 17:23

Instrument :

BNA\_G

ClientSampleId :

PB169528BS



Tgt Ion:252 Resp: 54124

Ion Ratio Lower Upper

252 100

253 22.8 18.2 27.4

125 6.6 7.0 10.4

Manual Integrations

APPROVED

Reviewed By :Rahul

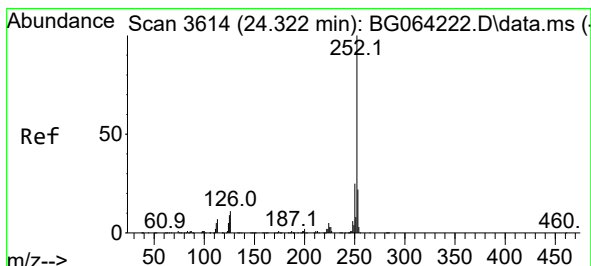
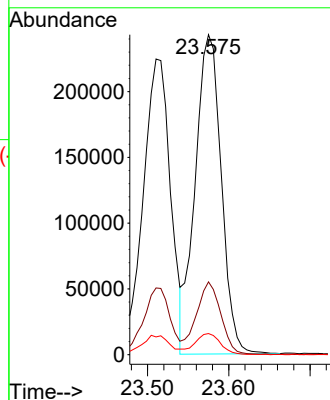
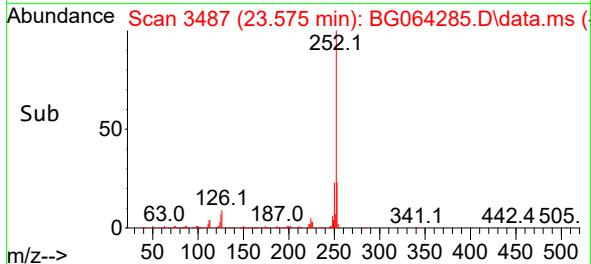
Chavli

09/05/2025

Supervised By :Jagrut

Upadhyay

09/05/2025



#90

Benzo(a)pyrene

Concen: 50.423 ng

RT: 24.321 min Scan# 3614

Delta R.T. -0.007 min

Lab File: BG064285.D

Acq: 4 Sep 2025 17:23

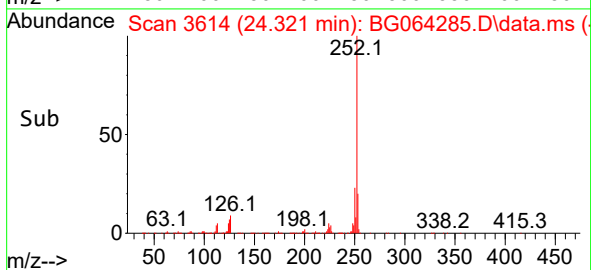
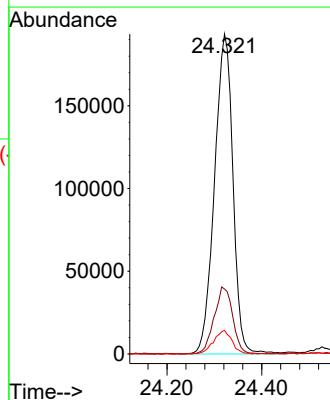
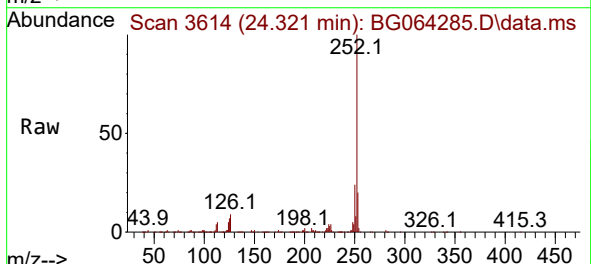
Tgt Ion:252 Resp: 521510

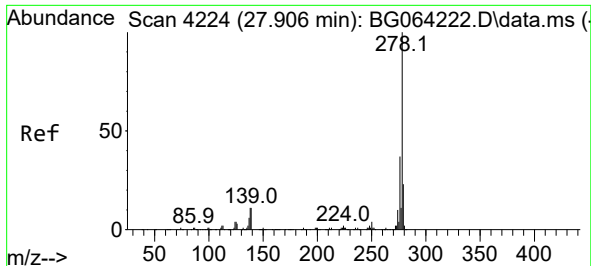
Ion Ratio Lower Upper

252 100

253 20.3 17.4 26.2

125 7.4 7.0 10.6





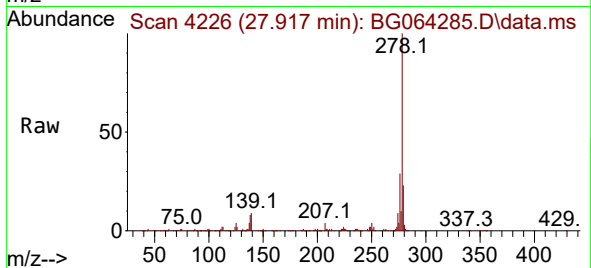
#91  
Dibenzo(a,h)anthracene  
Concen: 48.861 ng  
RT: 27.917 min Scan# 41  
Delta R.T. -0.007 min  
Lab File: BG064285.D  
Acq: 4 Sep 2025 17:23

Instrument :

BNA\_G

ClientSampleId :

PB169528BS



Tgt Ion:278 Resp: 52778  
Ion Ratio Lower Upper  
278 100  
139 9.2 9.0 13.4  
279 22.9 18.8 28.2

Manual Integrations  
APPROVED

Reviewed By :Rahul

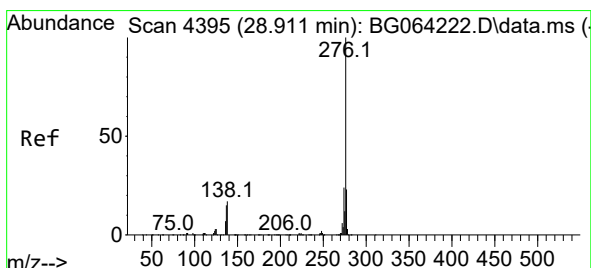
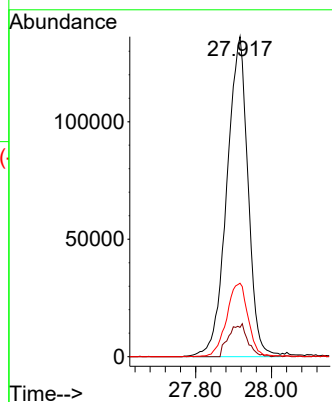
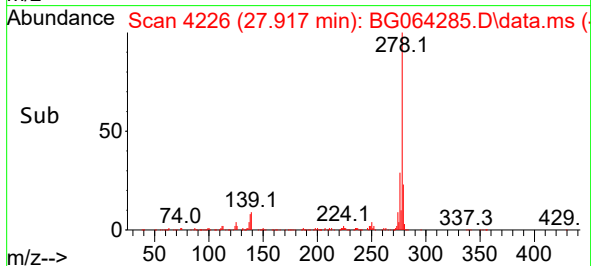
Chavli

09/05/2025

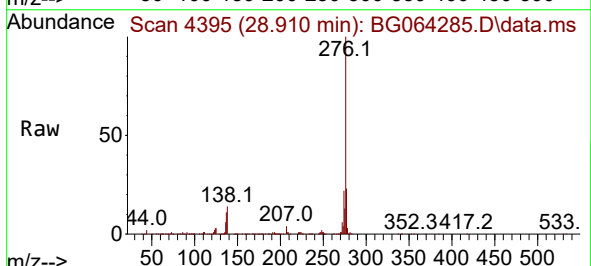
Supervised By :Jagrut

Upadhyay

09/05/2025



#92  
Benzo(g,h,i)perylene  
Concen: 48.772 ng  
RT: 28.910 min Scan# 4395  
Delta R.T. -0.024 min  
Lab File: BG064285.D  
Acq: 4 Sep 2025 17:23



Tgt Ion:276 Resp: 512638  
Ion Ratio Lower Upper  
276 100  
277 22.9 18.2 27.4  
138 13.6 13.3 19.9

