

Data Path : Z:\svoasrv\HPCHEM1\BNA\_G\Data\BG100225\  
 Data File : BG064477.D  
 Acq On : 2 Oct 2025 12:14  
 Operator : RC/JU  
 Sample : SSTDICCC040  
 Misc :  
 ALS Vial : 6 Sample Multiplier: 1

Instrument :  
 BNA\_G  
 ClientSampleId :  
 SSTDICCC040

Manual Integrations  
 APPROVED

Reviewed By :Rahul  
 Chavli

10/03/2025  
 Supervised By :Jagrut  
 Upadhyay

Quant Time: Oct 02 16:52:56 2025  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_G\Methods\8270-BG100225.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Thu Oct 02 16:40:42 2025  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc   | Units | Dev(Min) |
|-------------------------------|--------|------|----------|--------|-------|----------|
| -----                         |        |      |          |        |       |          |
| Internal Standards            |        |      |          |        |       |          |
| 1) 1,4-Dichlorobenzene-d4     | 7.823  | 152  | 16827    | 20.000 | ng    | 0.00     |
| 21) Naphthalene-d8            | 10.614 | 136  | 74350    | 20.000 | ng    | 0.00     |
| 39) Acenaphthene-d10          | 14.450 | 164  | 56405    | 20.000 | ng    | 0.00     |
| 64) Phenanthrene-d10          | 17.188 | 188  | 137065   | 20.000 | ng    | 0.00     |
| 76) Chrysene-d12              | 21.413 | 240  | 137806   | 20.000 | ng    | 0.00     |
| 86) Perylene-d12              | 24.386 | 264  | 147142   | 20.000 | ng    | 0.00     |
| System Monitoring Compounds   |        |      |          |        |       |          |
| 5) 2-Fluorophenol             | 5.408  | 112  | 80402    | 88.428 | ng    | 0.00     |
| 7) Phenol-d6                  | 7.000  | 99   | 109762   | 89.832 | ng    | 0.01     |
| 23) Nitrobenzene-d5           | 8.974  | 82   | 117636   | 85.074 | ng    | 0.00     |
| 42) 2,4,6-Tribromophenol      | 15.937 | 330  | 85878    | 83.995 | ng    | 0.00     |
| 45) 2-Fluorobiphenyl          | 13.076 | 172  | 323605   | 84.566 | ng    | 0.00     |
| 79) Terphenyl-d14             | 19.809 | 244  | 619099   | 85.021 | ng    | 0.00     |
| Target Compounds              |        |      |          |        |       |          |
|                               |        |      |          |        |       | Qvalue   |
| 2) 1,4-Dioxane                | 3.322  | 88   | 14750    | 41.013 | ng    | 100      |
| 3) Pyridine                   | 3.716  | 79   | 41592    | 43.032 | ng    | 100      |
| 4) n-Nitrosodimethylamine     | 3.628  | 42   | 29056    | 41.468 | ng    | 100      |
| 6) Aniline                    | 7.153  | 93   | 67996    | 44.118 | ng    | 100      |
| 8) 2-Chlorophenol             | 7.394  | 128  | 48971    | 43.861 | ng    | 100      |
| 9) Benzaldehyde               | 6.965  | 77   | 51397m   | 47.387 | ng    |          |
| 10) Phenol                    | 7.024  | 94   | 56653    | 43.953 | ng    | 100      |
| 11) bis(2-Chloroethyl)ether   | 7.247  | 93   | 38161    | 43.717 | ng    | 100      |
| 12) 1,3-Dichlorobenzene       | 7.711  | 146  | 53245    | 43.595 | ng    | 100      |
| 13) 1,4-Dichlorobenzene       | 7.858  | 146  | 53223    | 43.419 | ng    | 100      |
| 14) 1,2-Dichlorobenzene       | 8.175  | 146  | 51602    | 42.713 | ng    | 100      |
| 15) Benzyl Alcohol            | 8.058  | 79   | 48695    | 43.275 | ng    | 100      |
| 16) 2,2'-oxybis(1-Chloropr... | 8.346  | 45   | 60702    | 43.142 | ng    | 100      |
| 17) 2-Methylphenol            | 8.269  | 107  | 40881    | 43.800 | ng    | 100      |
| 18) Hexachloroethane          | 8.904  | 117  | 20312    | 41.981 | ng    | 100      |
| 19) n-Nitroso-di-n-propyla... | 8.628  | 70   | 36888    | 45.142 | ng    | 100      |
| 20) 3+4-Methylphenols         | 8.593  | 107  | 57201    | 43.917 | ng    | 100      |
| 22) Acetophenone              | 8.640  | 105  | 76751    | 42.634 | ng    | 100      |
| 24) Nitrobenzene              | 9.021  | 77   | 58730    | 42.592 | ng    | 100      |
| 25) Isophorone                | 9.539  | 82   | 107231   | 42.808 | ng    | 100      |
| 26) 2-Nitrophenol             | 9.727  | 139  | 28524    | 41.564 | ng    | 100      |
| 27) 2,4-Dimethylphenol        | 9.791  | 122  | 44394    | 42.353 | ng    | 100      |
| 28) bis(2-Chloroethoxy)met... | 10.026 | 93   | 55697    | 43.620 | ng    | 100      |
| 29) 2,4-Dichlorophenol        | 10.261 | 162  | 50964    | 42.046 | ng    | 100      |
| 30) 1,2,4-Trichlorobenzene    | 10.479 | 180  | 56079    | 42.432 | ng    | 100      |
| 31) Naphthalene               | 10.661 | 128  | 164638   | 43.002 | ng    | 100      |
| 32) Benzoic acid              | 9.944  | 122  | 34057m   | 42.319 | ng    |          |
| 33) 4-Chloroaniline           | 10.767 | 127  | 62035    | 42.224 | ng    | 100      |
| 34) Hexachlorobutadiene       | 10.949 | 225  | 47047    | 41.566 | ng    | 100      |
| 35) Caprolactam               | 11.542 | 113  | 17062    | 41.118 | ng    | 100      |
| 36) 4-Chloro-3-methylphenol   | 11.900 | 107  | 62176    | 42.181 | ng    | 100      |
| 37) 2-Methylnaphthalene       | 12.271 | 142  | 125298   | 42.634 | ng    | 100      |
| 38) 1-Methylnaphthalene       | 12.488 | 142  | 122645   | 41.851 | ng    | 100      |
| 40) 1,2,4,5-Tetrachloroben... | 12.641 | 216  | 79864    | 43.852 | ng    | 100      |
| 41) Hexachlorocyclopentadiene | 12.623 | 237  | 40946    | 42.981 | ng    | 100      |
| 43) 2,4,6-Trichlorophenol     | 12.882 | 196  | 50247    | 43.159 | ng    | 100      |

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Instrument :  
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Manual Integrations  
 APPROVED

Reviewed By :Rahul  
 Chavli

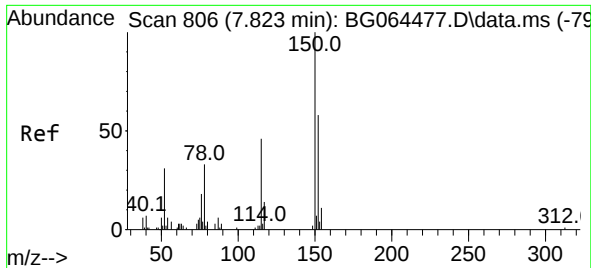
10/03/2025  
 Supervised By :Jagrut  
 Upadhyay

Quant Time: Oct 02 16:52:56 2025  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_G\Methods\8270-BG100225.M  
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 QLast Update : Thu Oct 02 16:40:42 2025  
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| Compound                      | R.T.   | QIon | Response | Conc   | Units | Dev(Min) |
|-------------------------------|--------|------|----------|--------|-------|----------|
| 44) 2,4,5-Trichlorophenol     | 12.958 | 196  | 54781    | 42.147 | ng    | 100      |
| 46) 1,1'-Biphenyl             | 13.287 | 154  | 171549   | 42.286 | ng    | 100      |
| 47) 2-Chloronaphthalene       | 13.328 | 162  | 130095   | 42.951 | ng    | 100      |
| 48) 2-Nitroaniline            | 13.528 | 65   | 44764    | 43.302 | ng    | 100      |
| 49) Acenaphthylene            | 14.168 | 152  | 192196   | 42.745 | ng    | 100      |
| 50) Dimethylphthalate         | 13.910 | 163  | 183253   | 41.482 | ng    | 100      |
| 51) 2,6-Dinitrotoluene        | 14.027 | 165  | 38023    | 41.318 | ng    | 100      |
| 52) Acenaphthene              | 14.515 | 154  | 130718   | 41.846 | ng    | 100      |
| 53) 3-Nitroaniline            | 14.356 | 138  | 36025    | 42.448 | ng    | 100      |
| 54) 2,4-Dinitrophenol         | 14.562 | 184  | 23359    | 35.006 | ng    | 100      |
| 55) Dibenzofuran              | 14.850 | 168  | 215338   | 41.749 | ng    | 100      |
| 56) 4-Nitrophenol             | 14.668 | 139  | 29383    | 43.974 | ng    | 100      |
| 57) 2,4-Dinitrotoluene        | 14.815 | 165  | 59462    | 42.268 | ng    | 100      |
| 58) Fluorene                  | 15.496 | 166  | 180574   | 42.112 | ng    | 100      |
| 59) 2,3,4,6-Tetrachlorophenol | 15.079 | 232  | 57000    | 42.971 | ng    | 100      |
| 60) Diethylphthalate          | 15.273 | 149  | 195149   | 41.179 | ng    | 100      |
| 61) 4-Chlorophenyl-phenyle... | 15.496 | 204  | 97895    | 41.818 | ng    | 100      |
| 62) 4-Nitroaniline            | 15.520 | 138  | 37694    | 42.613 | ng    | 100      |
| 63) Azobenzene                | 15.784 | 77   | 151875   | 41.381 | ng    | 100      |
| 65) 4,6-Dinitro-2-methylph... | 15.579 | 198  | 39733    | 41.634 | ng    | 100      |
| 66) n-Nitrosodiphenylamine    | 15.708 | 169  | 155849   | 42.580 | ng    | 100      |
| 67) 4-Bromophenyl-phenylether | 16.383 | 248  | 69462    | 43.066 | ng    | 100      |
| 68) Hexachlorobenzene         | 16.501 | 284  | 79010    | 42.809 | ng    | 100      |
| 69) Atrazine                  | 16.660 | 200  | 68458    | 42.039 | ng    | 100      |
| 70) Pentachlorophenol         | 16.848 | 266  | 46456    | 43.049 | ng    | 100      |
| 71) Phenanthrene              | 17.235 | 178  | 304441   | 42.473 | ng    | 100      |
| 72) Anthracene                | 17.324 | 178  | 309798   | 43.082 | ng    | 100      |
| 73) Carbazole                 | 17.594 | 167  | 270505   | 43.520 | ng    | 100      |
| 74) Di-n-butylphthalate       | 18.158 | 149  | 325874   | 42.948 | ng    | 100      |
| 75) Fluoranthene              | 19.245 | 202  | 364596   | 42.577 | ng    | 100      |
| 77) Benzidine                 | 19.421 | 184  | 178853   | 52.157 | ng    | 100      |
| 78) Pyrene                    | 19.603 | 202  | 383571   | 42.890 | ng    | 100      |
| 80) Butylbenzylphthalate      | 20.496 | 149  | 136961   | 43.202 | ng    | 100      |
| 81) Benzo(a)anthracene        | 21.395 | 228  | 373009   | 42.392 | ng    | 100      |
| 82) 3,3'-Dichlorobenzidine    | 21.319 | 252  | 126107   | 42.345 | ng    | 100      |
| 83) Chrysene                  | 21.460 | 228  | 357557   | 42.849 | ng    | 100      |
| 84) Bis(2-ethylhexyl)phtha... | 21.319 | 149  | 190838   | 42.664 | ng    | 100      |
| 85) Di-n-octyl phthalate      | 22.447 | 149  | 317830   | 42.277 | ng    | 100      |
| 87) Indeno(1,2,3-cd)pyrene    | 27.747 | 276  | 439448   | 42.906 | ng    | 100      |
| 88) Benzo(b)fluoranthene      | 23.452 | 252  | 356780   | 42.621 | ng    | 100      |
| 89) Benzo(k)fluoranthene      | 23.516 | 252  | 362948   | 43.050 | ng    | 100      |
| 90) Benzo(a)pyrene            | 24.251 | 252  | 330197   | 42.800 | ng    | 100      |
| 91) Dibenzo(a,h)anthracene    | 27.799 | 278  | 350192   | 42.755 | ng    | 100      |
| 92) Benzo(g,h,i)perylene      | 28.781 | 276  | 339180   | 42.613 | ng    | 100      |

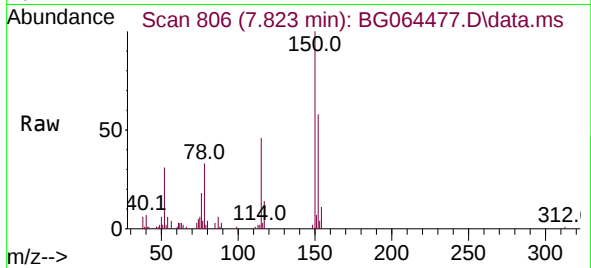
(#) = qualifier out of range (m) = manual integration (+) = signals summed





#1  
1,4-Dichlorobenzene-d4  
Concen: 20.000 ng  
RT: 7.823 min Scan# 806  
Delta R.T. 0.003 min  
Lab File: BG064477.D  
Acq: 2 Oct 2025 12:14

Instrument :  
BNA\_G  
ClientSampleId :  
SSTDICCC040



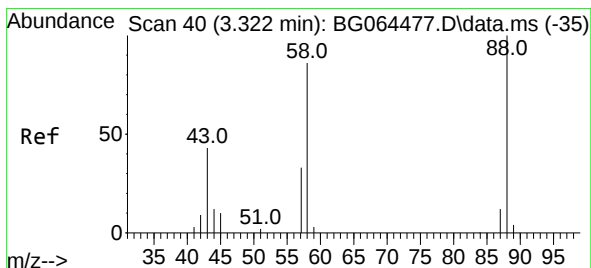
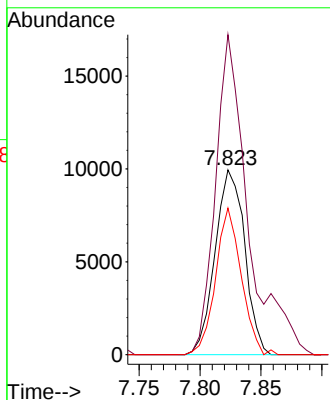
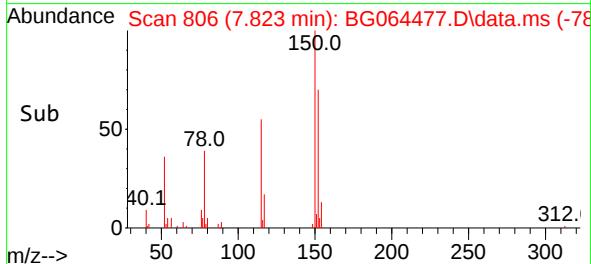
Tgt Ion:152 Resp: 1682  
Ion Ratio Lower Upper  
152 100  
150 173.2 138.6 207.8  
115 79.3 63.4 95.2

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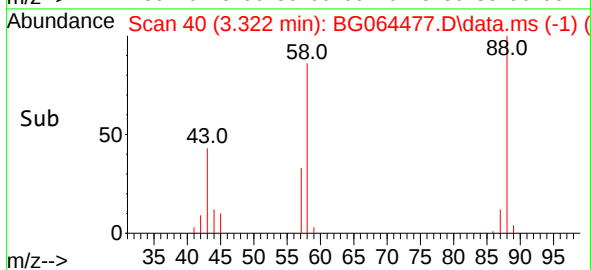
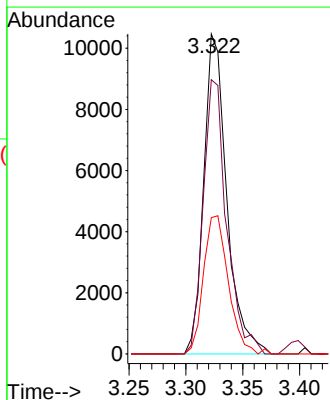
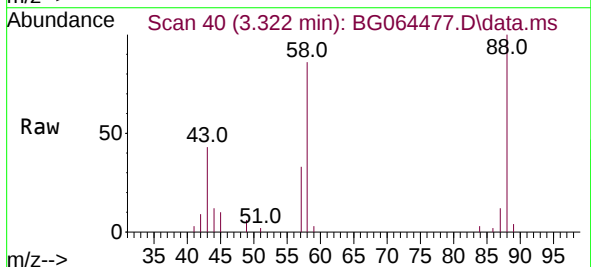
10/03/2025  
Supervised By :Jagrut  
Upadhyay

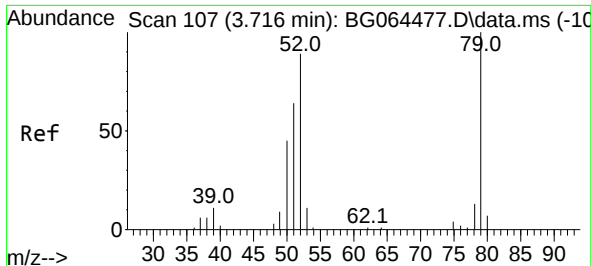
10/03/2025



#2  
1,4-Dioxane  
Concen: 41.013 ng  
RT: 3.322 min Scan# 40  
Delta R.T. 0.002 min  
Lab File: BG064477.D  
Acq: 2 Oct 2025 12:14

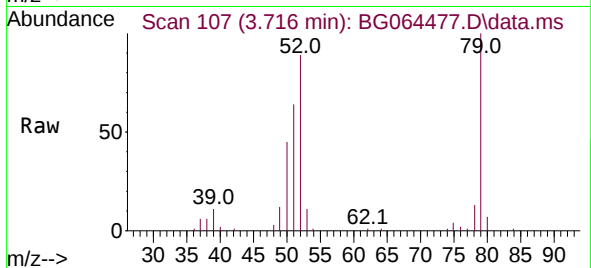
Tgt Ion: 88 Resp: 14750  
Ion Ratio Lower Upper  
88 100  
58 87.2 69.8 104.6  
43 46.7 37.4 56.0





#3  
Pyridine  
Concen: 43.032 ng  
RT: 3.716 min Scan# 107  
Delta R.T. 0.002 min  
Lab File: BG064477.D  
Acq: 2 Oct 2025 12:14

Instrument :  
BNA\_G  
ClientSampleId :  
SSTDICCC040



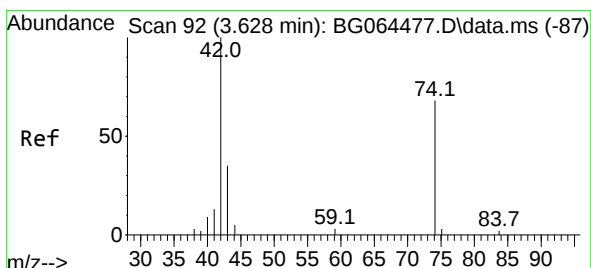
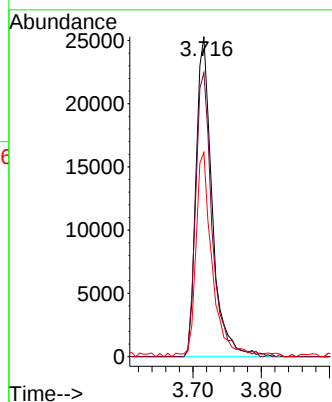
Tgt Ion: 79 Resp: 41592  
Ion Ratio Lower Upper  
79 100  
52 88.7 71.0 106.4  
51 63.8 51.0 76.6

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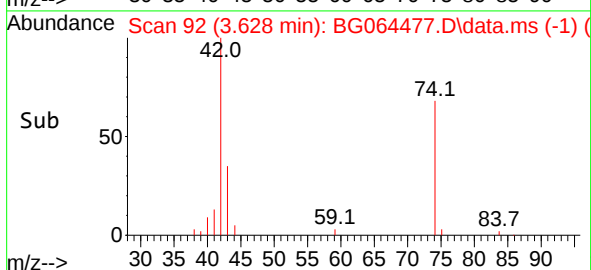
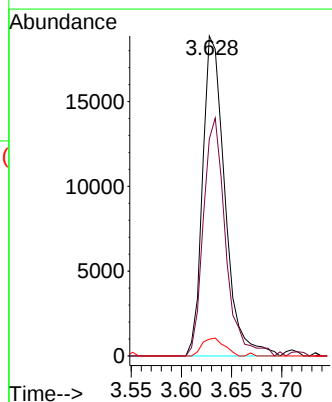
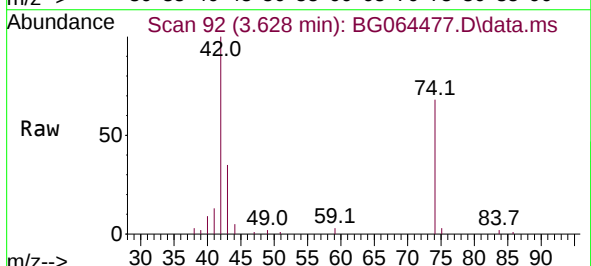
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Supervised By :Jagrut  
Upadhyay

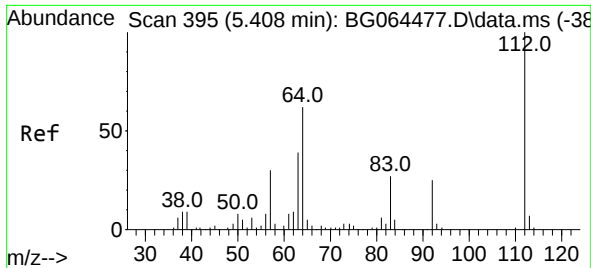
10/03/2025



#4  
n-Nitrosodimethylamine  
Concen: 41.468 ng  
RT: 3.628 min Scan# 92  
Delta R.T. 0.002 min  
Lab File: BG064477.D  
Acq: 2 Oct 2025 12:14

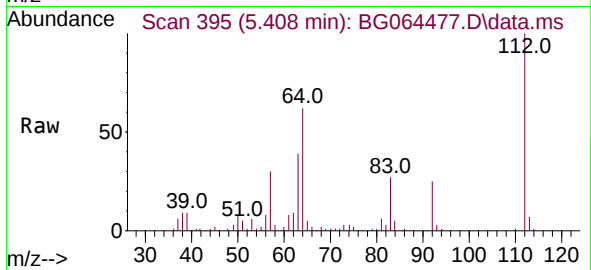
Tgt Ion: 42 Resp: 29056  
Ion Ratio Lower Upper  
42 100  
74 67.8 54.2 81.4  
44 5.2 4.2 6.2





#5  
2-Fluorophenol  
Concen: 88.428 ng  
RT: 5.408 min Scan# 395  
Delta R.T. 0.002 min  
Lab File: BG064477.D  
Acq: 2 Oct 2025 12:14

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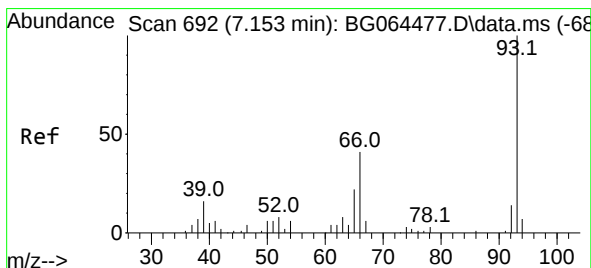
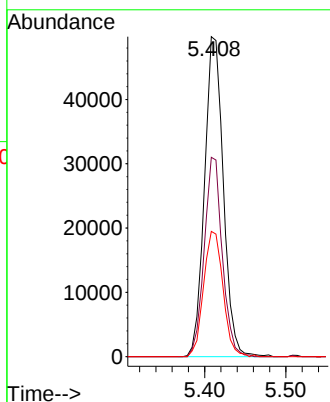
Tgt Ion:112 Resp: 80402  
Ion Ratio Lower Upper  
112 100  
64 62.3 49.8 74.8  
63 39.1 31.3 46.9

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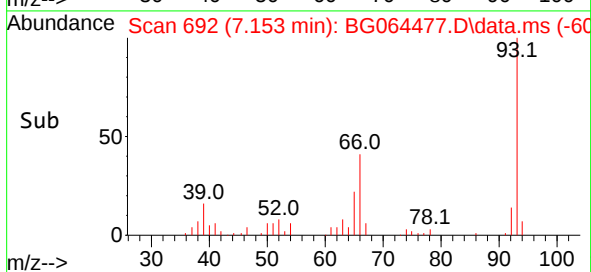
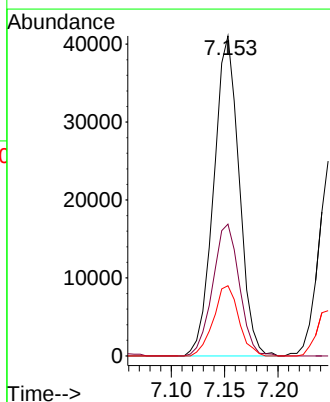
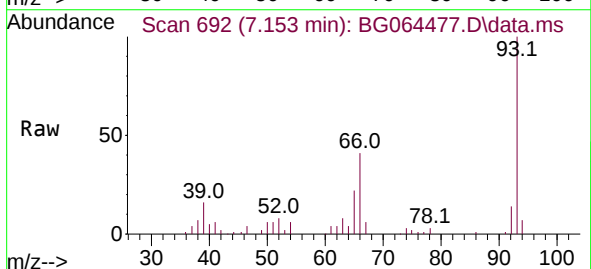
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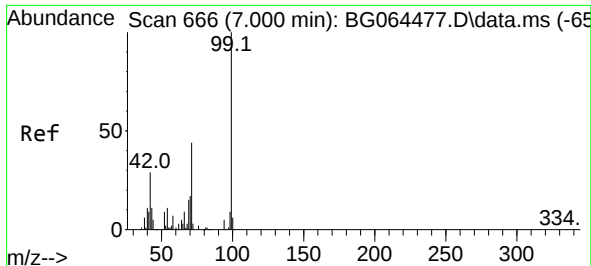
10/03/2025



#6  
Aniline  
Concen: 44.118 ng  
RT: 7.153 min Scan# 692  
Delta R.T. 0.008 min  
Lab File: BG064477.D  
Acq: 2 Oct 2025 12:14

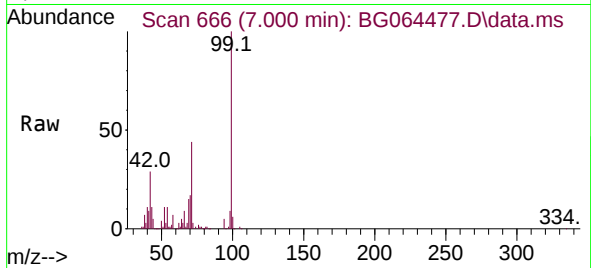
Tgt Ion: 93 Resp: 67996  
Ion Ratio Lower Upper  
93 100  
66 41.2 33.0 49.4  
65 21.9 17.5 26.3





#7  
Phenol-d6  
Concen: 89.832 ng  
RT: 7.000 min Scan# 666  
Delta R.T. 0.014 min  
Lab File: BG064477.D  
Acq: 2 Oct 2025 12:14

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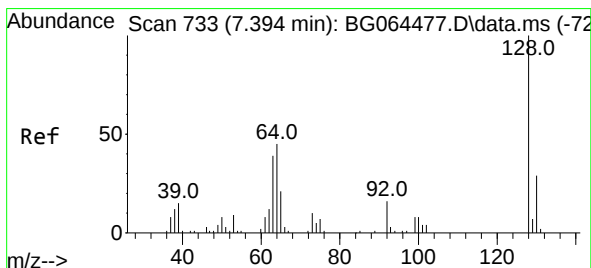
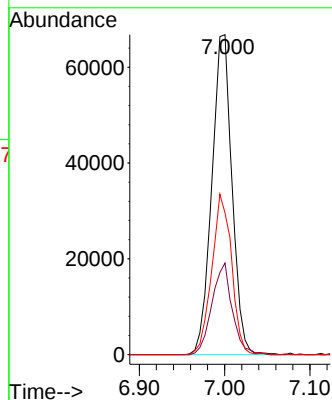
Tgt Ion: 99 Resp: 109762  
Ion Ratio Lower Upper  
99 100  
42 28.6 22.9 34.3  
71 44.3 35.4 53.2

Manual Integrations  
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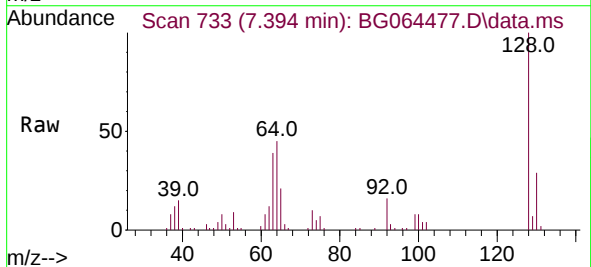
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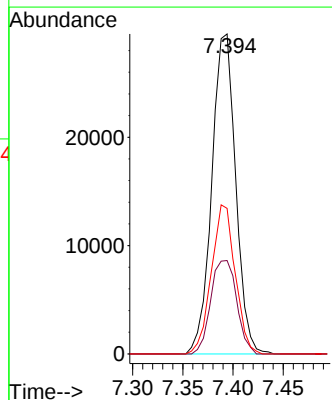
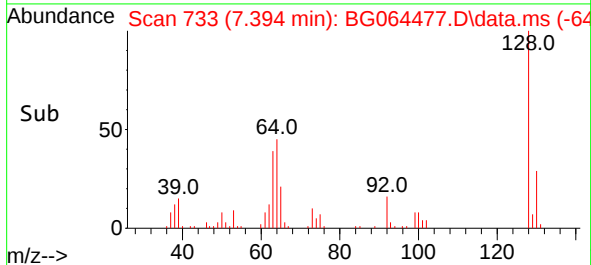
10/03/2025

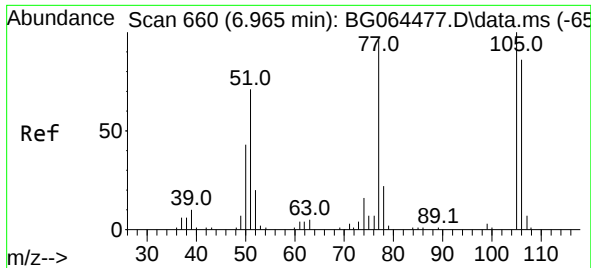


#8  
2-Chlorophenol  
Concen: 43.861 ng  
RT: 7.394 min Scan# 733  
Delta R.T. 0.008 min  
Lab File: BG064477.D  
Acq: 2 Oct 2025 12:14



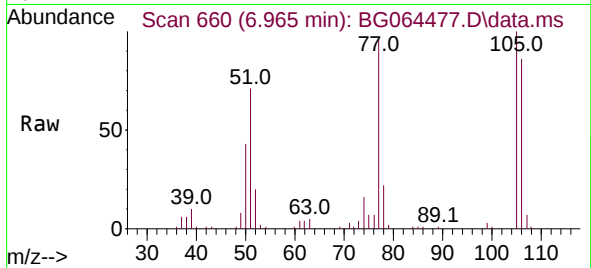
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Ion Ratio Lower Upper  
128 100  
130 29.2 9.2 49.2  
64 45.5 25.5 65.5





#9  
Benzaldehyde  
Concen: 47.387 ng m  
RT: 6.965 min Scan# 60  
Delta R.T. 0.002 min  
Lab File: BG064477.D  
Acq: 2 Oct 2025 12:14

Instrument :  
BNA\_G  
ClientSampleId :  
SSTDICCC040



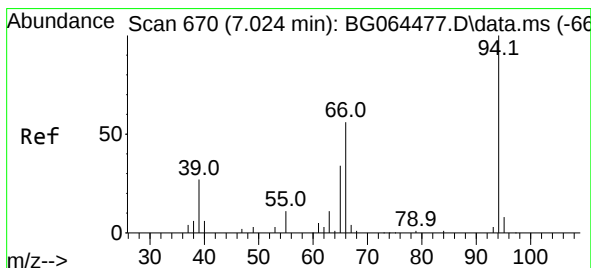
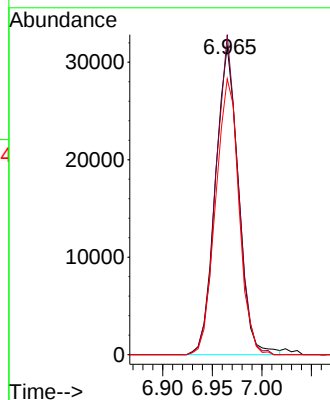
Tgt Ion: 77 Resp: 5139  
Ion Ratio Lower Upper  
77 100  
105 103.7 83.7 123.7  
106 89.4 69.4 109.4

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Reviewed By :Rahul  
Chavli

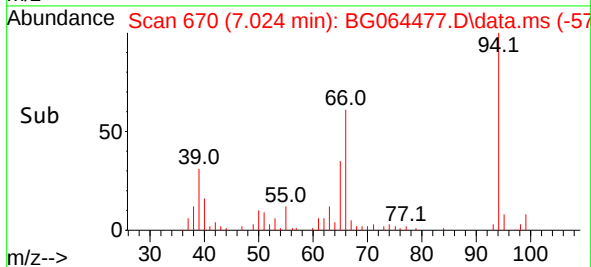
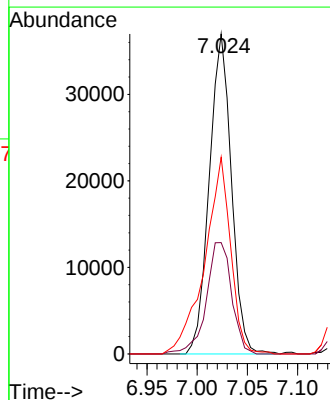
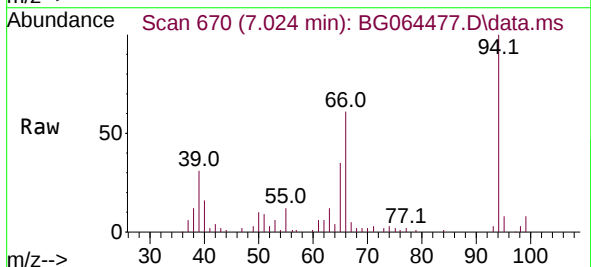
10/03/2025  
Supervised By :Jagrut  
Upadhyay

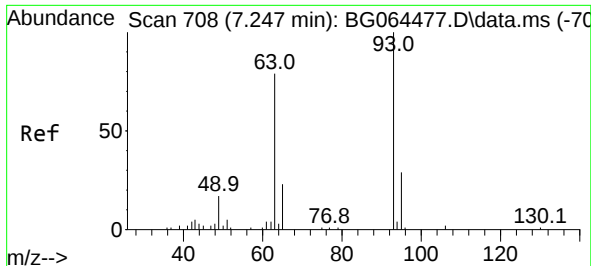
10/03/2025



#10  
Phenol  
Concen: 43.953 ng  
RT: 7.024 min Scan# 670  
Delta R.T. 0.008 min  
Lab File: BG064477.D  
Acq: 2 Oct 2025 12:14

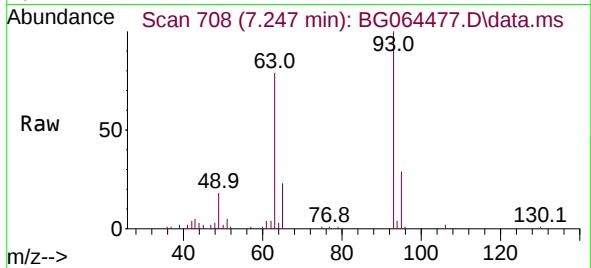
Tgt Ion: 94 Resp: 56653  
Ion Ratio Lower Upper  
94 100  
65 34.8 14.8 54.8  
66 61.4 41.4 81.4





#11  
bis(2-Chloroethyl)ether  
Concen: 43.717 ng  
RT: 7.247 min Scan# 708  
Delta R.T. 0.002 min  
Lab File: BG064477.D  
Acq: 2 Oct 2025 12:14

Instrument :  
BNA\_G  
ClientSampleId :  
SSTDICCC040



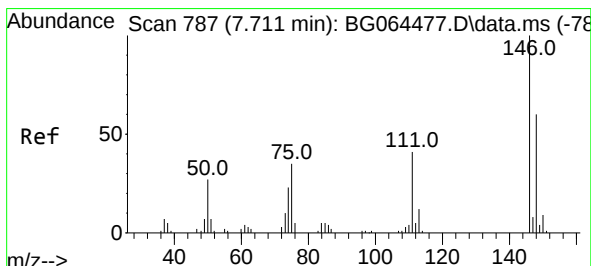
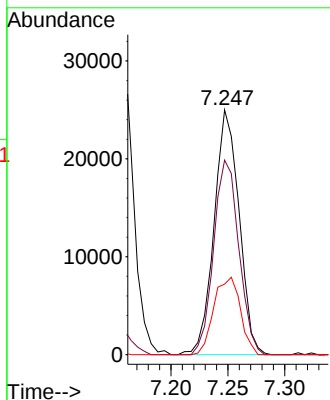
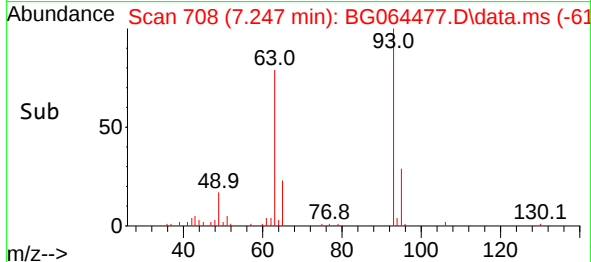
Tgt Ion: 93 Resp: 3816  
Ion Ratio Lower Upper  
93 100  
63 79.5 59.5 99.5  
95 28.8 8.8 48.8

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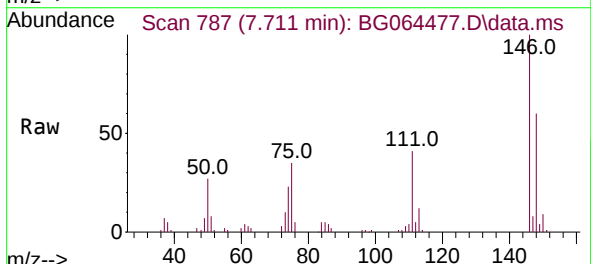
Reviewed By :Rahul  
Chavli

10/03/2025  
Supervised By :Jagrut  
Upadhyay

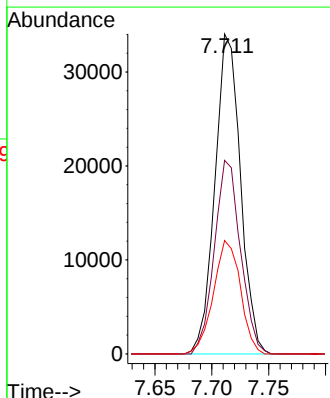
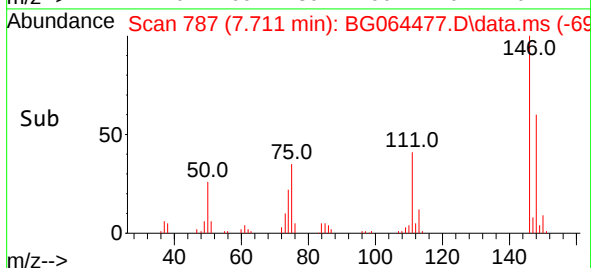
10/03/2025

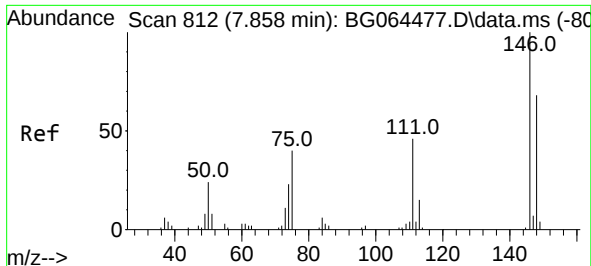


#12  
1,3-Dichlorobenzene  
Concen: 43.595 ng  
RT: 7.711 min Scan# 787  
Delta R.T. 0.002 min  
Lab File: BG064477.D  
Acq: 2 Oct 2025 12:14



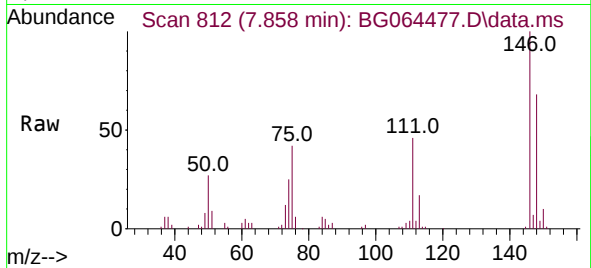
Tgt Ion:146 Resp: 53245  
Ion Ratio Lower Upper  
146 100  
148 60.5 48.4 72.6  
75 35.4 28.3 42.5





#13  
1,4-Dichlorobenzene  
Concen: 43.419 ng  
RT: 7.858 min Scan# 812  
Delta R.T. 0.002 min  
Lab File: BG064477.D  
Acq: 2 Oct 2025 12:14

Instrument :  
BNA\_G  
ClientSampleId :  
SSTDICCC040



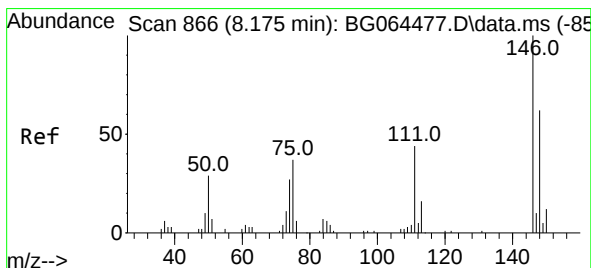
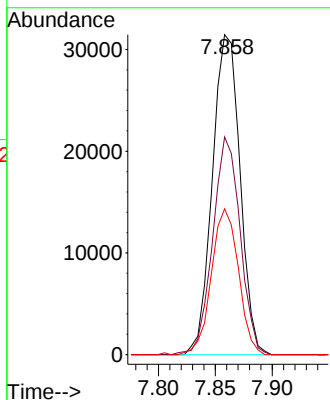
Tgt Ion:146 Resp: 53223  
Ion Ratio Lower Upper  
146 100  
148 68.0 54.4 81.6  
111 45.6 36.5 54.7

Manual Integrations  
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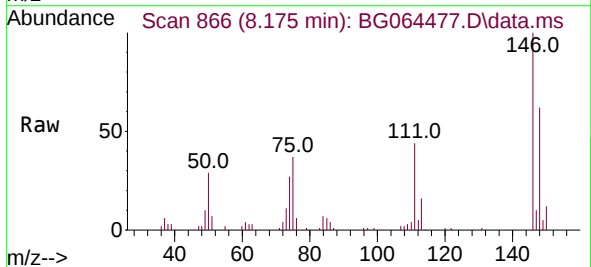
Reviewed By :Rahul  
Chavli

10/03/2025  
Supervised By :Jagrut  
Upadhyay

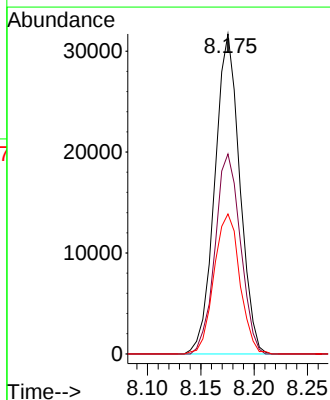
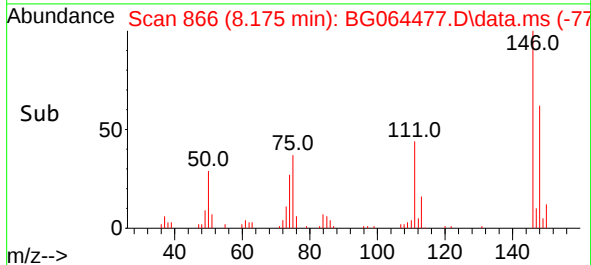
10/03/2025

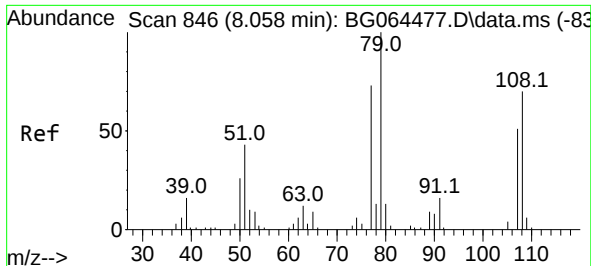


#14  
1,2-Dichlorobenzene  
Concen: 42.713 ng  
RT: 8.175 min Scan# 866  
Delta R.T. 0.002 min  
Lab File: BG064477.D  
Acq: 2 Oct 2025 12:14



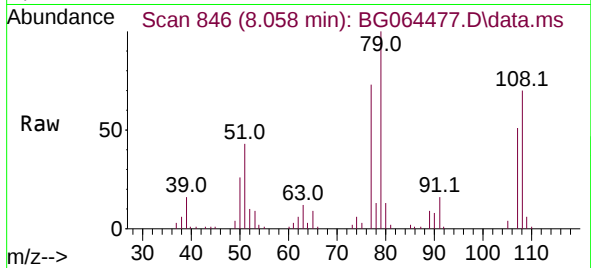
Tgt Ion:146 Resp: 51602  
Ion Ratio Lower Upper  
146 100  
148 62.5 50.0 75.0  
111 43.7 35.0 52.4





#15  
Benzyl Alcohol  
Concen: 43.275 ng  
RT: 8.058 min Scan# 846  
Delta R.T. 0.002 min  
Lab File: BG064477.D  
Acq: 2 Oct 2025 12:14

Instrument :  
BNA\_G  
ClientSampleId :  
SSTDICCC040



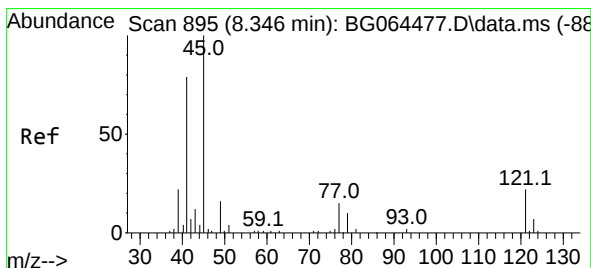
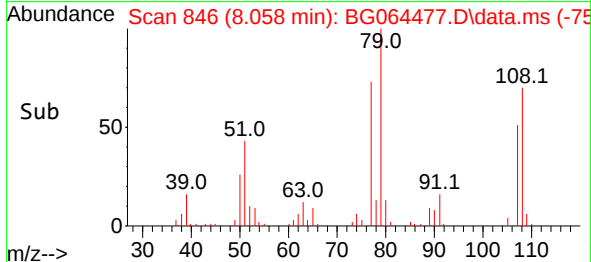
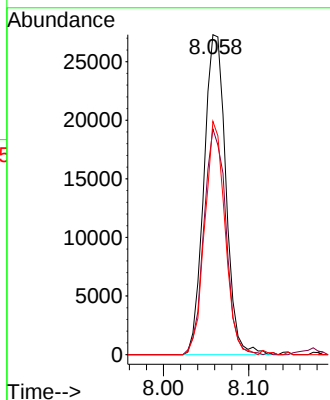
Tgt Ion: 79 Resp: 48695  
Ion Ratio Lower Upper  
79 100  
108 70.5 56.4 84.6  
77 72.9 58.3 87.5

Manual Integrations  
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Chavli

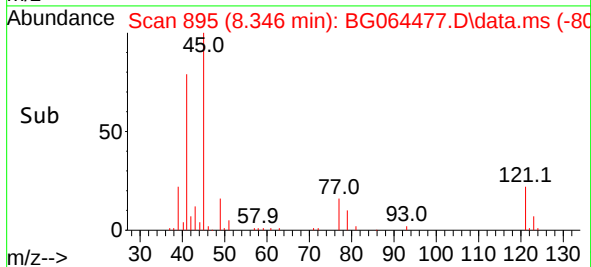
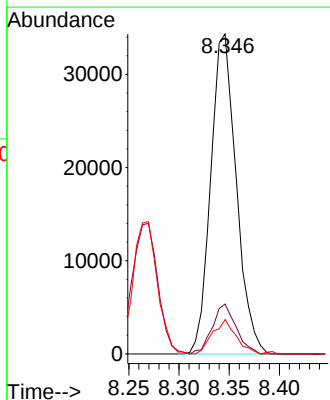
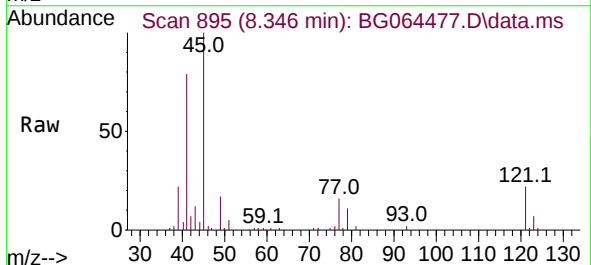
10/03/2025  
Supervised By :Jagrut  
Upadhyay

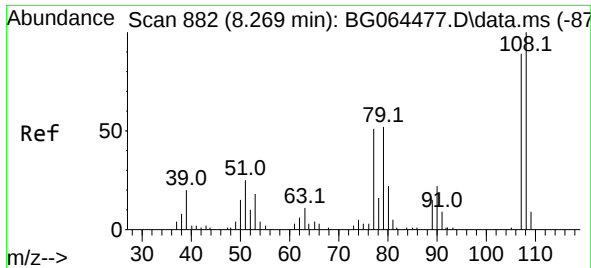
10/03/2025



#16  
2,2'-oxybis(1-Chloropropane)  
Concen: 43.142 ng  
RT: 8.346 min Scan# 895  
Delta R.T. 0.008 min  
Lab File: BG064477.D  
Acq: 2 Oct 2025 12:14

Tgt Ion: 45 Resp: 60702  
Ion Ratio Lower Upper  
45 100  
77 15.6 0.0 35.6  
79 10.7 0.0 30.7





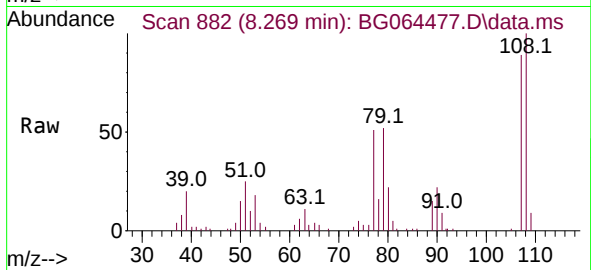
#17  
2-Methylphenol  
Concen: 43.800 ng  
RT: 8.269 min Scan# 882  
Delta R.T. 0.008 min  
Lab File: BG064477.D  
Acq: 2 Oct 2025 12:14

Instrument :

BNA\_G

ClientSampleId :

SSTDICCC040



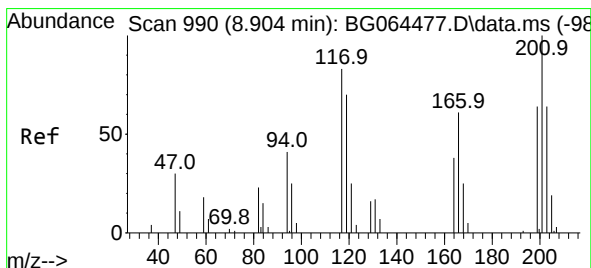
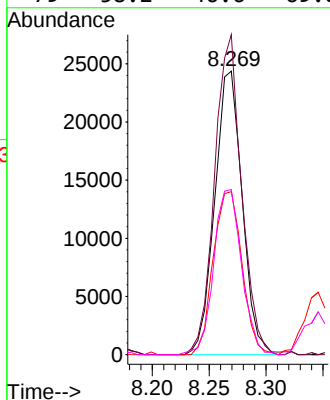
Tgt Ion:107 Resp: 4088  
Ion Ratio Lower Upper  
107 100  
108 112.9 90.3 135.5  
77 57.5 46.0 69.0  
79 58.2 46.6 69.8

Manual Integrations  
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Reviewed By :Rahul  
Chavli

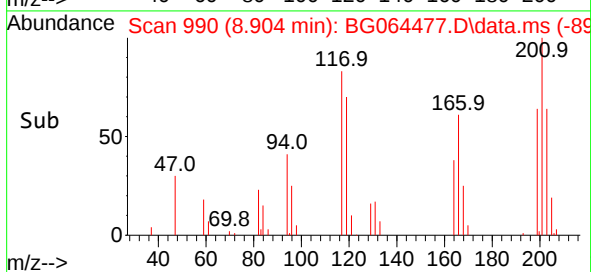
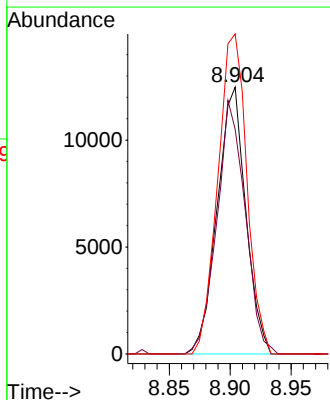
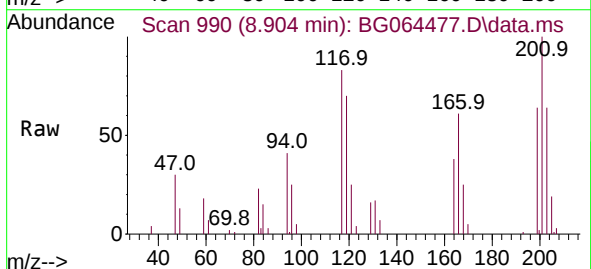
10/03/2025  
Supervised By :Jagrut  
Upadhyay

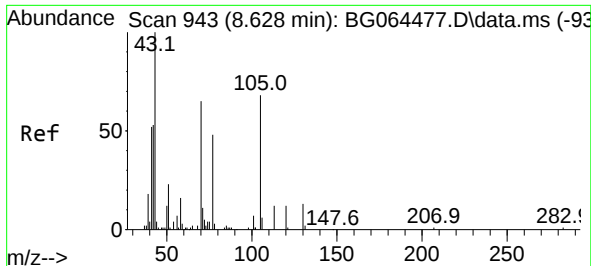
10/03/2025



#18  
Hexachloroethane  
Concen: 41.981 ng  
RT: 8.904 min Scan# 990  
Delta R.T. 0.008 min  
Lab File: BG064477.D  
Acq: 2 Oct 2025 12:14

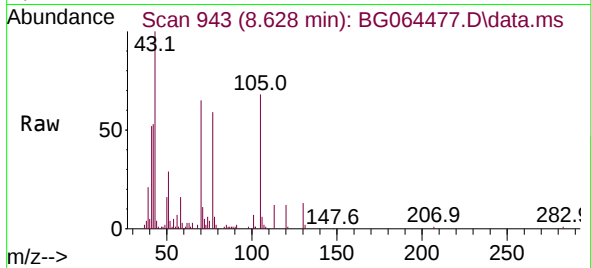
Tgt Ion:117 Resp: 20312  
Ion Ratio Lower Upper  
117 100  
119 84.2 67.4 101.0  
201 119.9 95.9 143.9





#19  
n-Nitroso-di-n-propylamine  
Concen: 45.142 ng  
RT: 8.628 min Scan# 943  
Delta R.T. 0.014 min  
Lab File: BG064477.D  
Acq: 2 Oct 2025 12:14

Instrument :  
BNA\_G  
ClientSampleId :  
SSTDICCC040



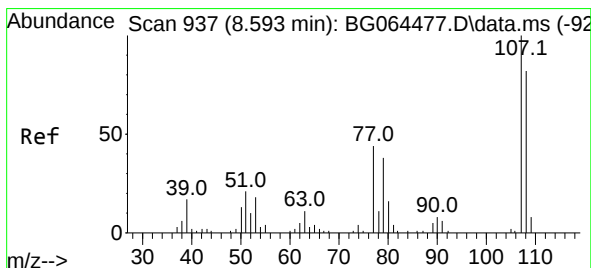
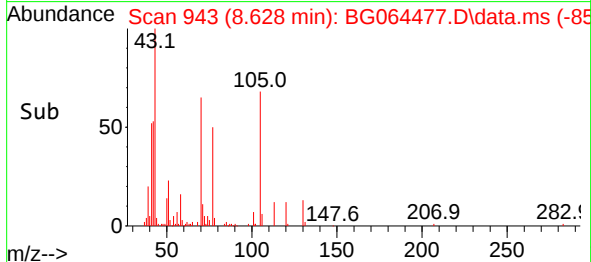
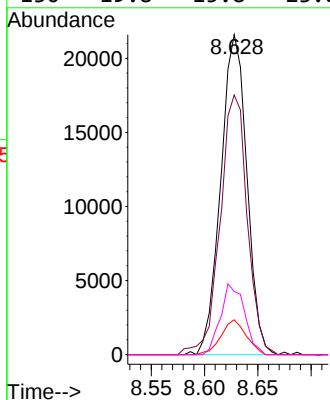
Tgt Ion: 70 Resp: 3688  
Ion Ratio Lower Upper  
70 100  
42 81.1 64.9 97.3  
101 10.9 8.7 13.1  
130 19.8 15.8 23.8

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Reviewed By :Rahul  
Chavli

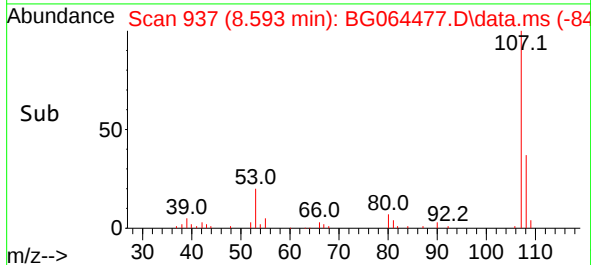
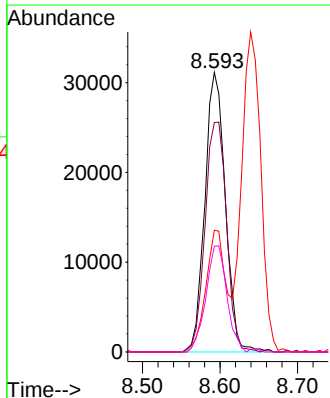
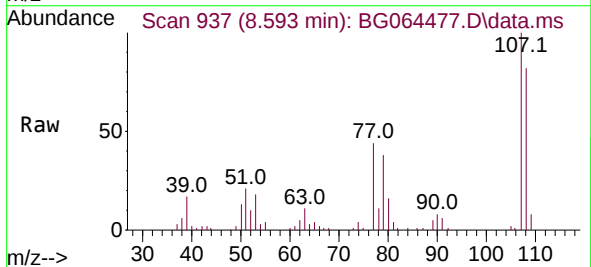
10/03/2025  
Supervised By :Jagrut  
Upadhyay

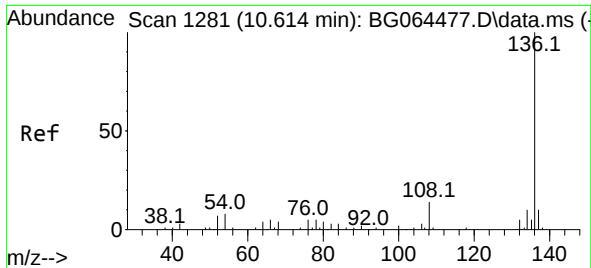
10/03/2025



#20  
3+4-Methylphenols  
Concen: 43.917 ng  
RT: 8.593 min Scan# 937  
Delta R.T. 0.002 min  
Lab File: BG064477.D  
Acq: 2 Oct 2025 12:14

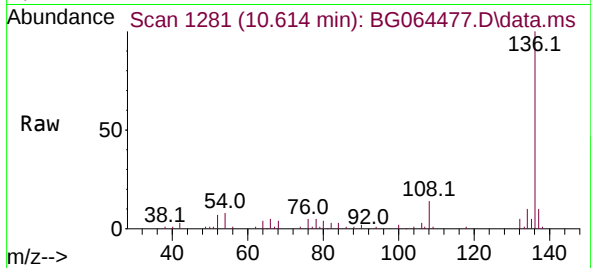
Tgt Ion:107 Resp: 57201  
Ion Ratio Lower Upper  
107 100  
108 82.1 62.1 102.1  
77 43.5 23.5 63.5  
79 37.8 17.8 57.8





#21  
Naphthalene-d8  
Concen: 20.000 ng  
RT: 10.614 min Scan# 1281  
Delta R.T. 0.008 min  
Lab File: BG064477.D  
Acq: 2 Oct 2025 12:14

Instrument :  
BNA\_G  
ClientSampleId :  
SSTDICCC040



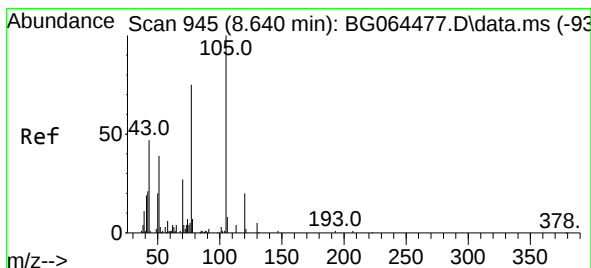
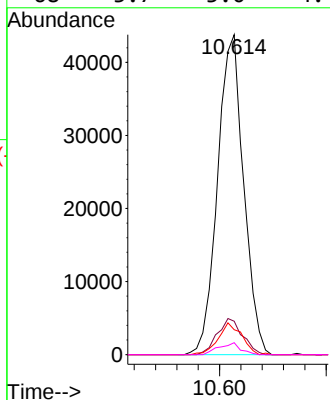
Tgt Ion:136 Resp: 74350  
Ion Ratio Lower Upper  
136 100  
137 10.4 8.3 12.5  
54 7.8 6.2 9.4  
68 3.7 3.0 4.4

Manual Integrations  
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Reviewed By :Rahul  
Chavli

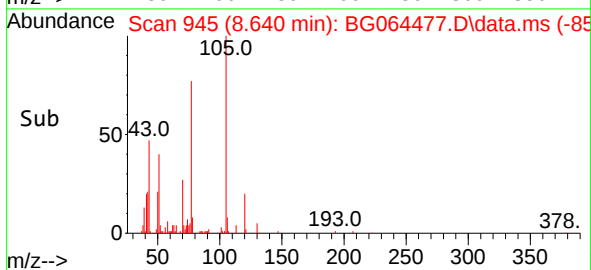
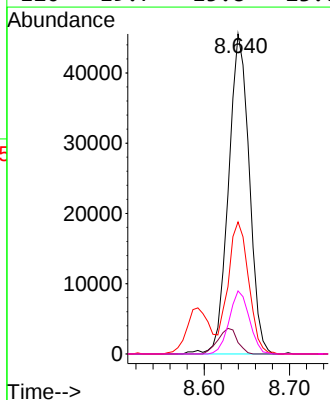
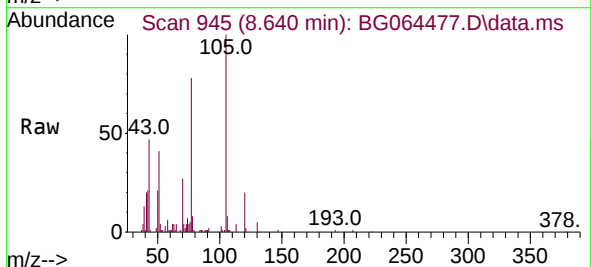
10/03/2025  
Supervised By :Jagrut  
Upadhyay

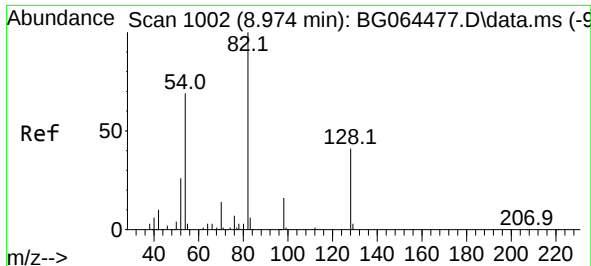
10/03/2025



#22  
Acetophenone  
Concen: 42.634 ng  
RT: 8.640 min Scan# 945  
Delta R.T. 0.008 min  
Lab File: BG064477.D  
Acq: 2 Oct 2025 12:14

Tgt Ion:105 Resp: 76751  
Ion Ratio Lower Upper  
105 100  
71 3.5 2.8 4.2  
51 41.2 33.0 49.4  
120 19.7 15.8 23.6





#23

Nitrobenzene-d5

Concen: 85.074 ng

RT: 8.974 min Scan# 1002

Delta R.T. 0.008 min

Lab File: BG064477.D

Acq: 2 Oct 2025 12:14

Instrument :

BNA\_G

ClientSampleId :

SSTDICCC040

Tgt Ion: 82 Resp: 117636

Ion Ratio Lower Upper

82 100

128 41.4 33.1 49.7

54 69.3 55.4 83.2

Manual Integrations

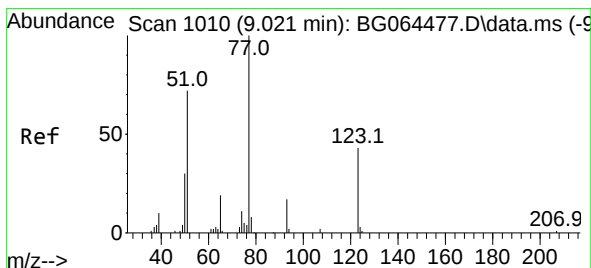
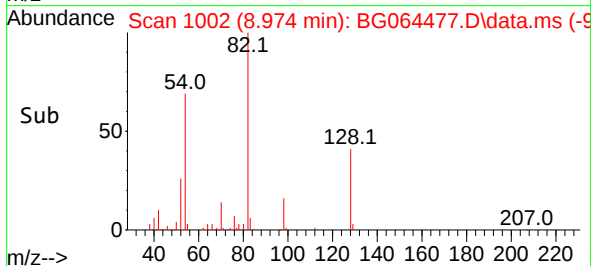
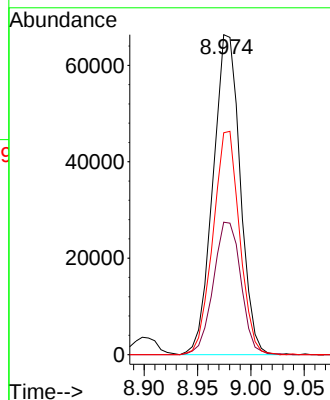
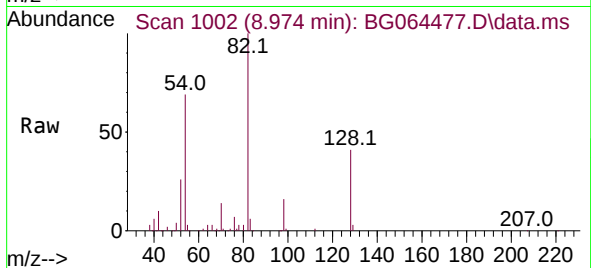
APPROVED

Reviewed By :Rahul  
Chavli

10/03/2025

Supervised By :Jagrut  
Upadhyay

10/03/2025



#24

Nitrobenzene

Concen: 42.592 ng

RT: 9.021 min Scan# 1010

Delta R.T. 0.008 min

Lab File: BG064477.D

Acq: 2 Oct 2025 12:14

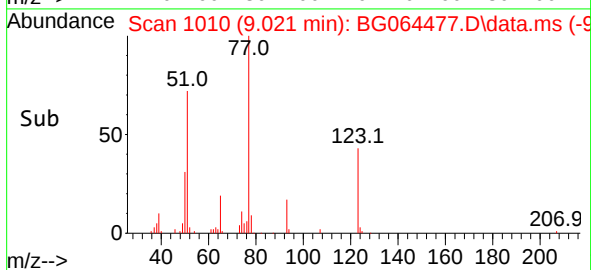
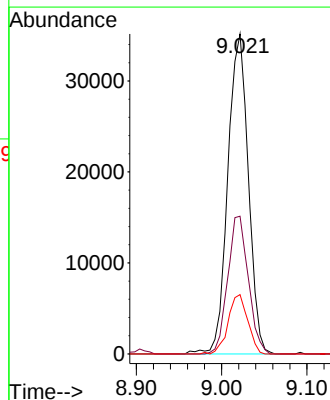
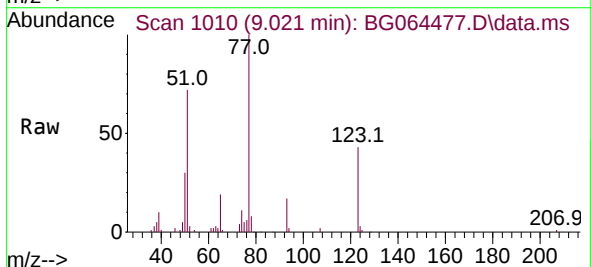
Tgt Ion: 77 Resp: 58730

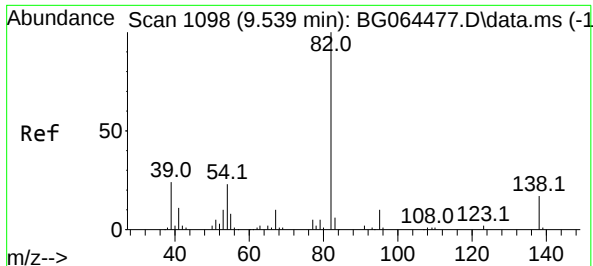
Ion Ratio Lower Upper

77 100

123 43.0 34.4 51.6

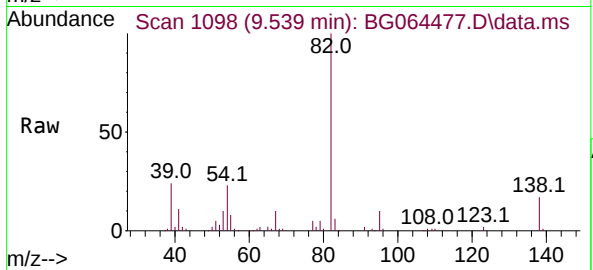
65 18.5 14.8 22.2





#25  
Isophorone  
Concen: 42.808 ng  
RT: 9.539 min Scan# 1098  
Delta R.T. 0.008 min  
Lab File: BG064477.D  
Acq: 2 Oct 2025 12:14

Instrument :  
BNA\_G  
ClientSampleId :  
SSTDICCC040



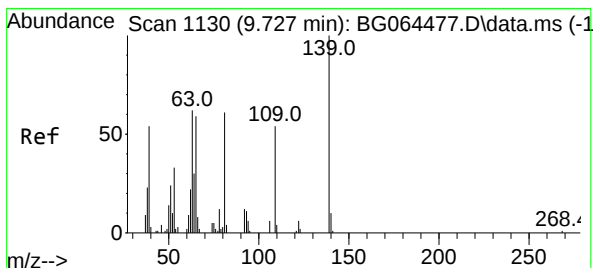
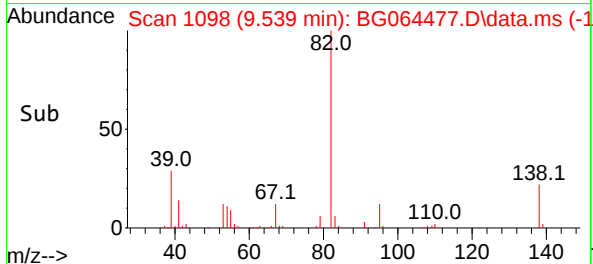
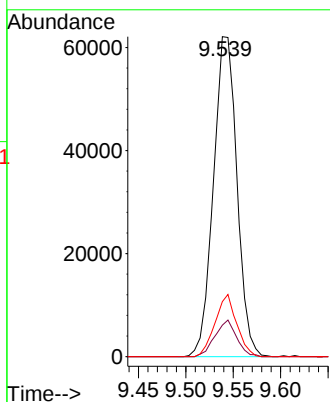
Tgt Ion: 82 Resp: 107231  
Ion Ratio Lower Upper  
82 100  
95 9.8 7.8 11.8  
138 17.2 13.8 20.6

Manual Integrations  
APPROVED

Reviewed By :Rahul  
Chavli

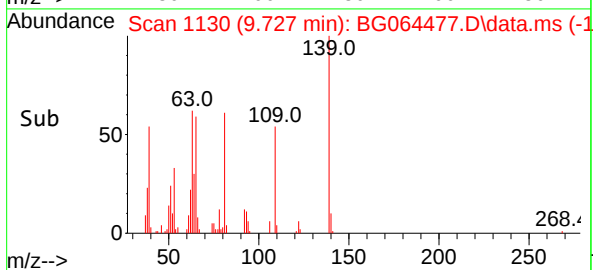
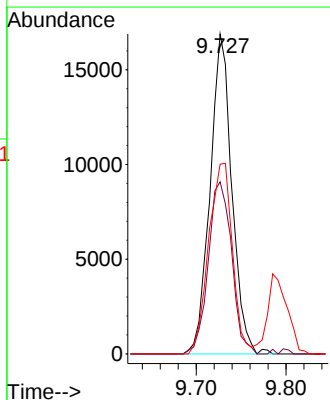
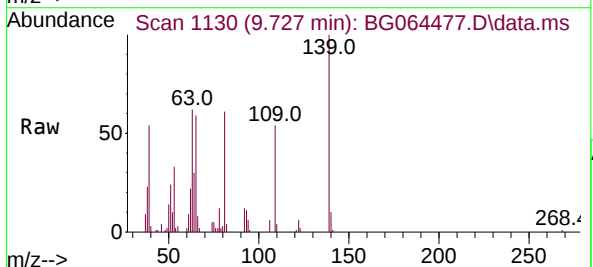
10/03/2025  
Supervised By :Jagrut  
Upadhyay

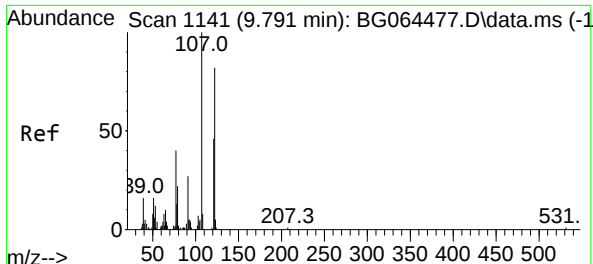
10/03/2025



#26  
2-Nitrophenol  
Concen: 41.564 ng  
RT: 9.727 min Scan# 1130  
Delta R.T. 0.008 min  
Lab File: BG064477.D  
Acq: 2 Oct 2025 12:14

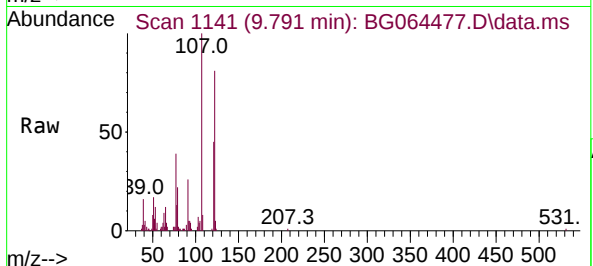
Tgt Ion:139 Resp: 28524  
Ion Ratio Lower Upper  
139 100  
109 53.8 43.0 64.6  
65 59.3 47.4 71.2





#27  
2,4-Dimethylphenol  
Concen: 42.353 ng  
RT: 9.791 min Scan# 1141  
Delta R.T. 0.008 min  
Lab File: BG064477.D  
Acq: 2 Oct 2025 12:14

Instrument :  
BNA\_G  
ClientSampleId :  
SSTDICCC040



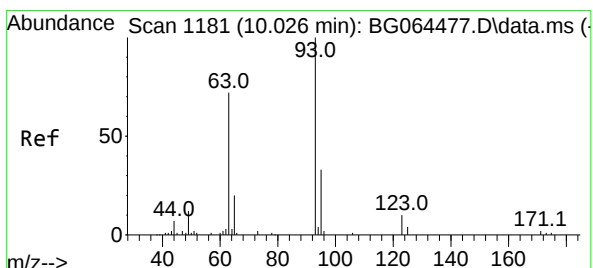
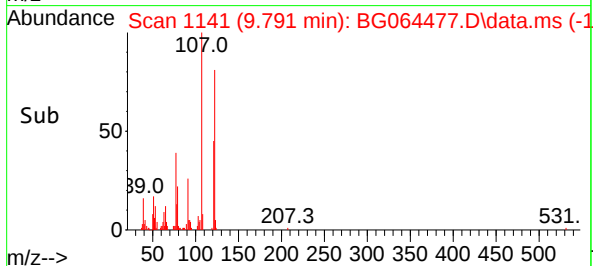
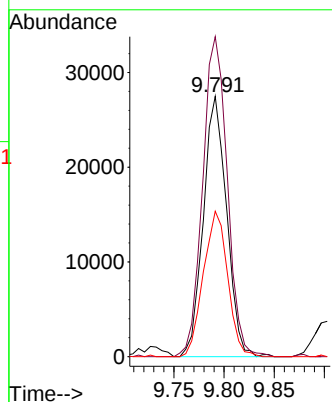
Tgt Ion:122 Resp: 44394  
Ion Ratio Lower Upper  
122 100  
107 122.9 98.3 147.5  
121 55.9 44.7 67.1

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Chavli

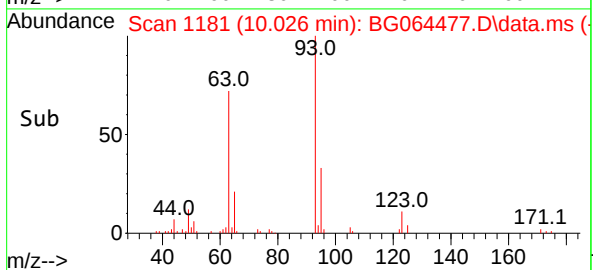
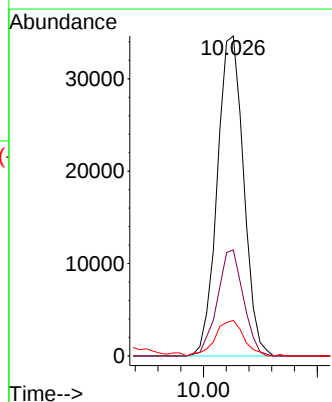
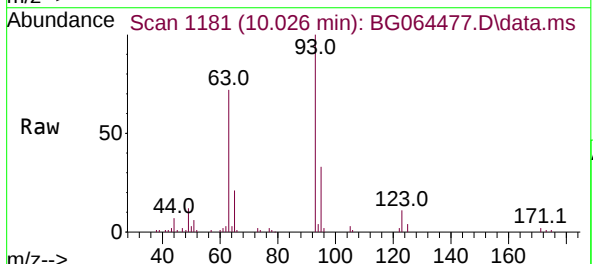
10/03/2025  
Supervised By :Jagrut  
Upadhyay

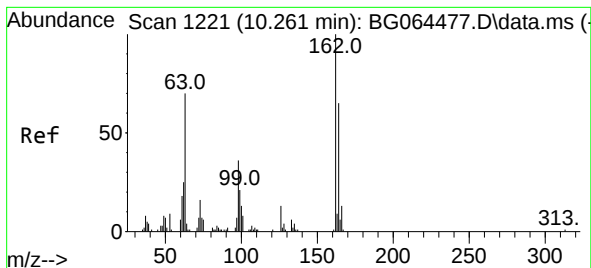
10/03/2025



#28  
bis(2-Chloroethoxy)methane  
Concen: 43.620 ng  
RT: 10.026 min Scan# 1181  
Delta R.T. 0.008 min  
Lab File: BG064477.D  
Acq: 2 Oct 2025 12:14

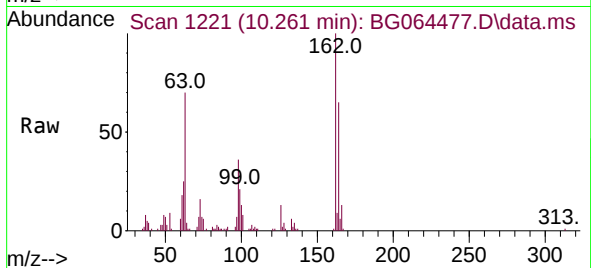
Tgt Ion: 93 Resp: 55697  
Ion Ratio Lower Upper  
93 100  
95 33.1 26.5 39.7  
123 11.1 8.9 13.3





#29  
2,4-Dichlorophenol  
Concen: 42.046 ng  
RT: 10.261 min Scan# 1221  
Delta R.T. 0.002 min  
Lab File: BG064477.D  
Acq: 2 Oct 2025 12:14

Instrument :  
BNA\_G  
ClientSampleId :  
SSTDICCC040



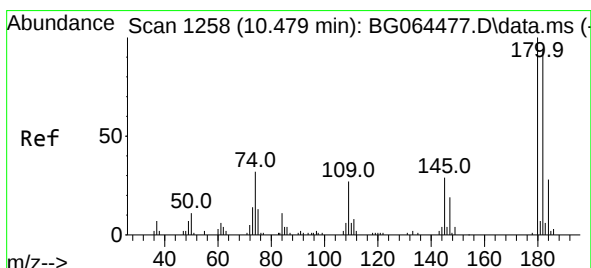
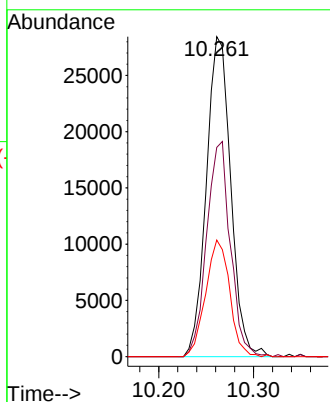
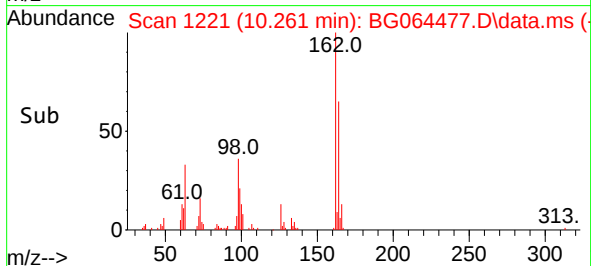
Tgt Ion:162 Resp: 50964  
Ion Ratio Lower Upper  
162 100  
164 65.4 45.4 85.4  
98 36.4 16.4 56.4

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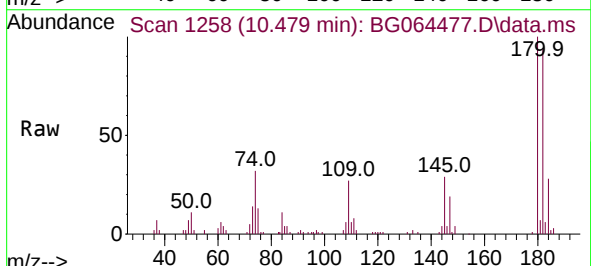
Reviewed By :Rahul  
Chavli

10/03/2025  
Supervised By :Jagrut  
Upadhyay

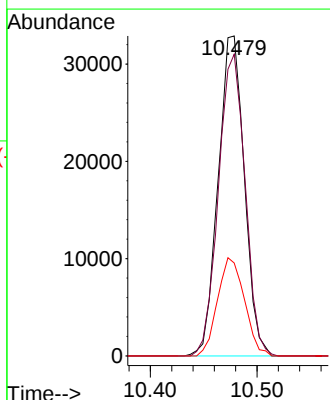
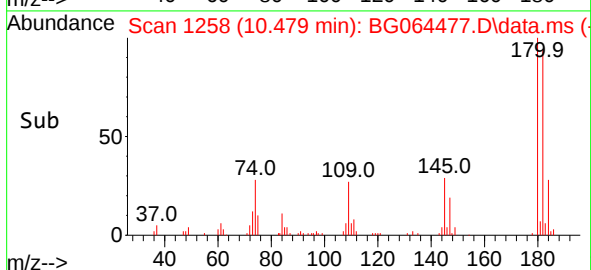
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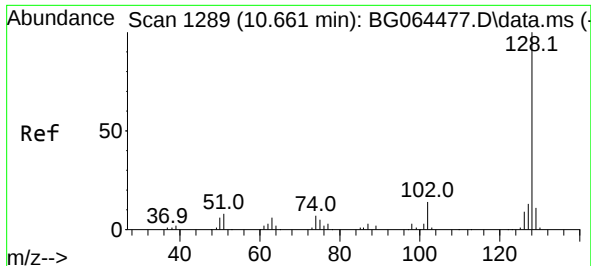


#30  
1,2,4-Trichlorobenzene  
Concen: 42.432 ng  
RT: 10.479 min Scan# 1258  
Delta R.T. 0.008 min  
Lab File: BG064477.D  
Acq: 2 Oct 2025 12:14



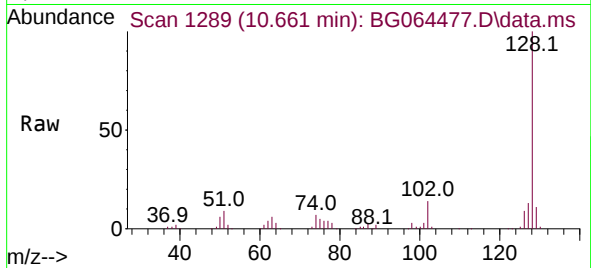
Tgt Ion:180 Resp: 56079  
Ion Ratio Lower Upper  
180 100  
182 94.3 75.4 113.2  
145 29.0 23.2 34.8





#31  
Naphthalene  
Concen: 43.002 ng  
RT: 10.661 min Scan# 1289  
Delta R.T. 0.008 min  
Lab File: BG064477.D  
Acq: 2 Oct 2025 12:14

Instrument :  
BNA\_G  
ClientSampleId :  
SSTDICCC040



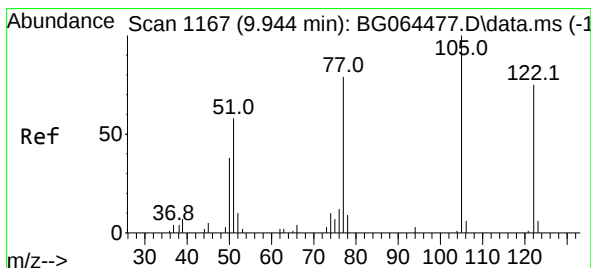
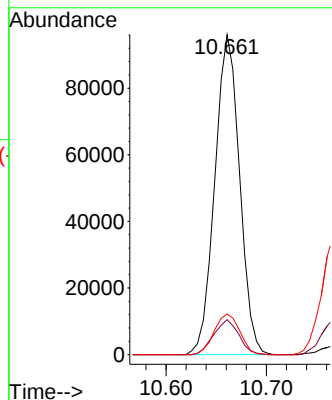
Tgt Ion:128 Resp: 164638  
Ion Ratio Lower Upper  
128 100  
129 10.9 8.7 13.1  
127 12.7 10.2 15.2

Manual Integrations  
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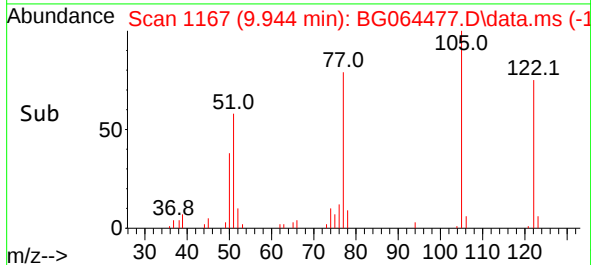
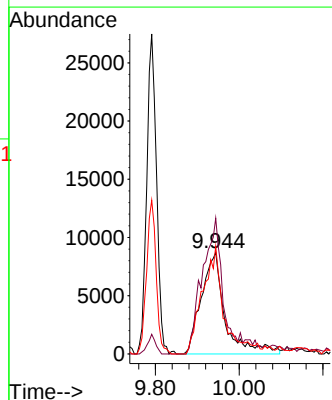
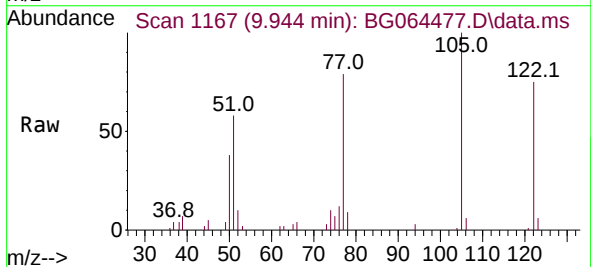
10/03/2025  
Supervised By :Jagrut  
Upadhyay

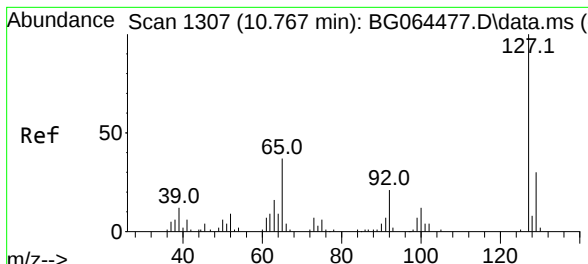
10/03/2025



#32  
Benzoic acid  
Concen: 42.319 ng m  
RT: 9.944 min Scan# 1167  
Delta R.T. 0.055 min  
Lab File: BG064477.D  
Acq: 2 Oct 2025 12:14

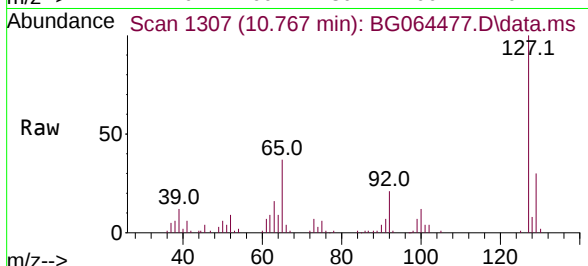
Tgt Ion:122 Resp: 34057  
Ion Ratio Lower Upper  
122 100  
105 133.9 113.9 153.9  
77 106.1 86.1 126.1





#33  
 4-Chloroaniline  
 Concen: 42.224 ng  
 RT: 10.767 min Scan# 1307  
 Delta R.T. 0.002 min  
 Lab File: BG064477.D  
 Acq: 2 Oct 2025 12:14

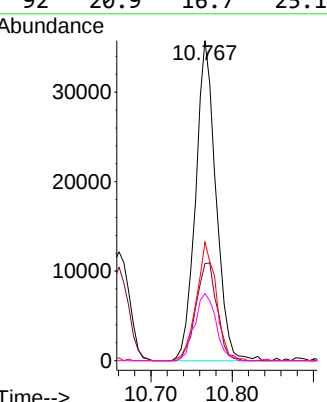
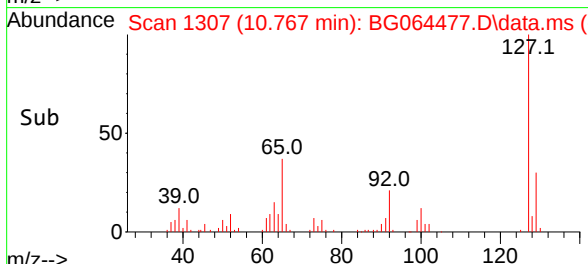
Instrument :  
 BNA\_G  
 ClientSampleId :  
 SSTDICC040



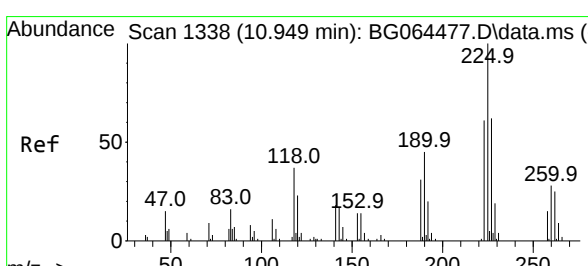
Tgt Ion:127 Resp: 62035

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 127 | 100   |       |       |
| 129 | 30.3  | 24.2  | 36.4  |
| 65  | 37.0  | 29.6  | 44.4  |
| 92  | 20.9  | 16.7  | 25.1  |

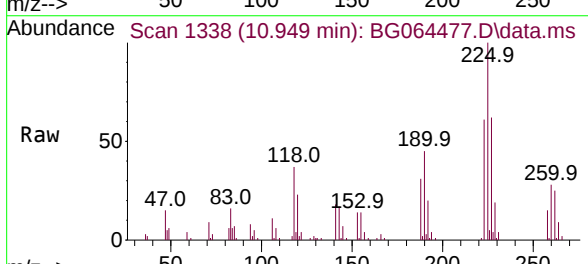
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 Chavli



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 Supervised By :Jagrut  
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 10/03/2025

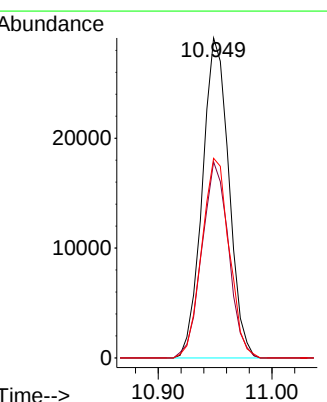
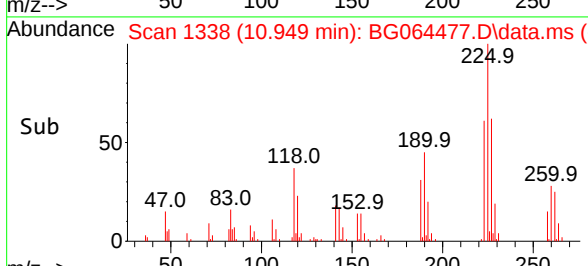


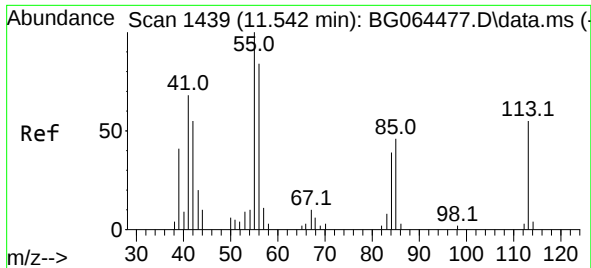
#34  
 Hexachlorobutadiene  
 Concen: 41.566 ng  
 RT: 10.949 min Scan# 1338  
 Delta R.T. 0.002 min  
 Lab File: BG064477.D  
 Acq: 2 Oct 2025 12:14



Tgt Ion:225 Resp: 47047

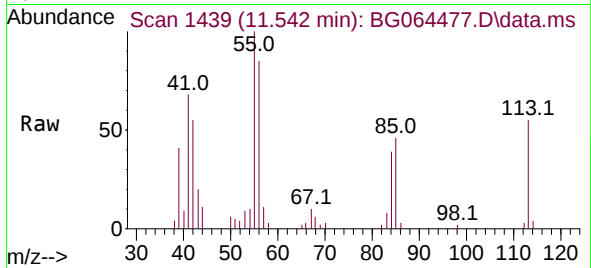
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 225 | 100   |       |       |
| 223 | 61.3  | 49.0  | 73.6  |
| 227 | 62.4  | 49.9  | 74.9  |





#35  
Caprolactam  
Concen: 41.118 ng  
RT: 11.542 min Scan# 1439  
Delta R.T. 0.032 min  
Lab File: BG064477.D  
Acq: 2 Oct 2025 12:14

Instrument :  
BNA\_G  
ClientSampleId :  
SSTDICCC040



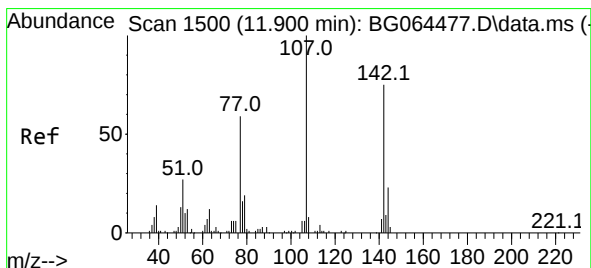
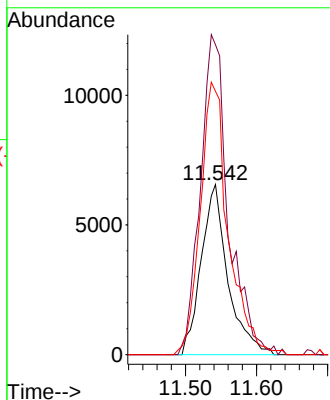
Tgt Ion:113 Resp: 17062  
Ion Ratio Lower Upper  
113 100  
55 182.0 162.0 202.0  
56 154.6 134.6 174.6

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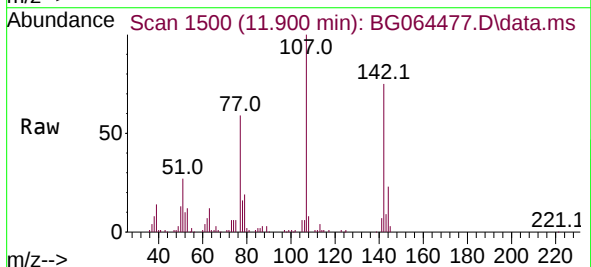
Reviewed By :Rahul  
Chavli

10/03/2025  
Supervised By :Jagrut  
Upadhyay

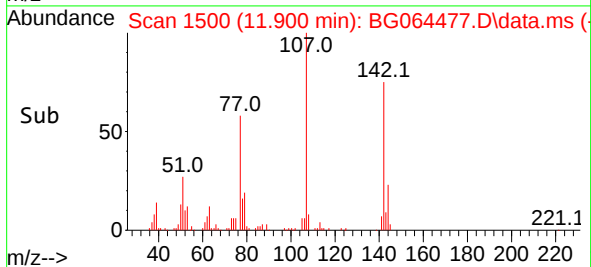
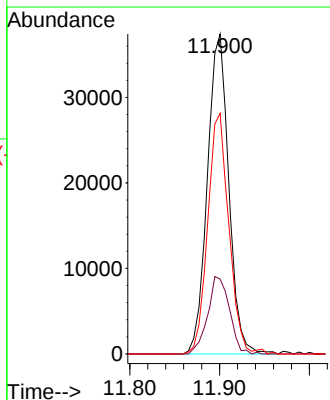
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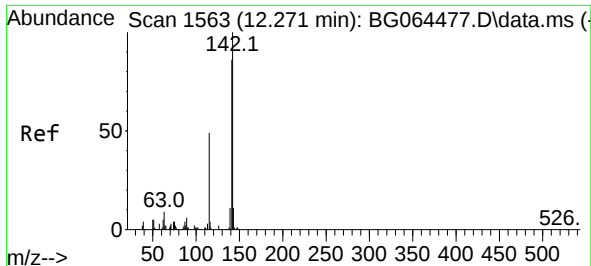


#36  
4-Chloro-3-methylphenol  
Concen: 42.181 ng  
RT: 11.900 min Scan# 1500  
Delta R.T. 0.008 min  
Lab File: BG064477.D  
Acq: 2 Oct 2025 12:14



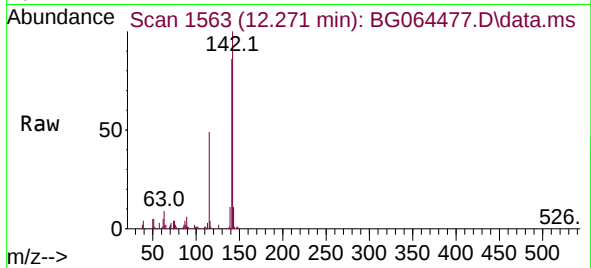
Tgt Ion:107 Resp: 62176  
Ion Ratio Lower Upper  
107 100  
144 23.4 18.7 28.1  
142 75.2 60.2 90.2





#37  
2-Methylnaphthalene  
Concen: 42.634 ng  
RT: 12.271 min Scan# 1563  
Delta R.T. 0.002 min  
Lab File: BG064477.D  
Acq: 2 Oct 2025 12:14

Instrument :  
BNA\_G  
ClientSampleId :  
SSTDICCC040



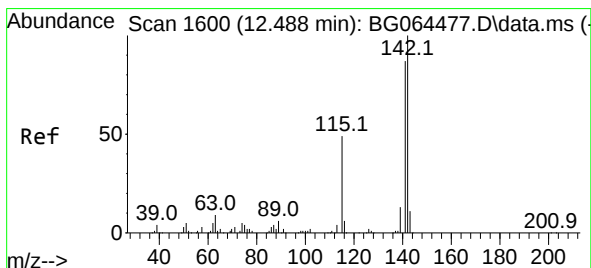
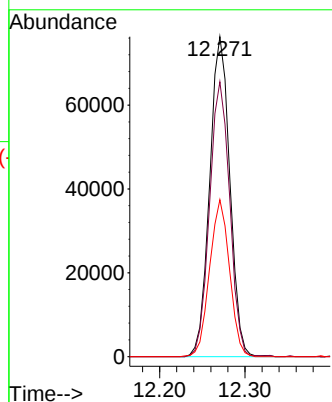
Tgt Ion:142 Resp: 125298  
Ion Ratio Lower Upper  
142 100  
141 85.9 68.7 103.1  
115 49.1 39.3 58.9

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Chavli

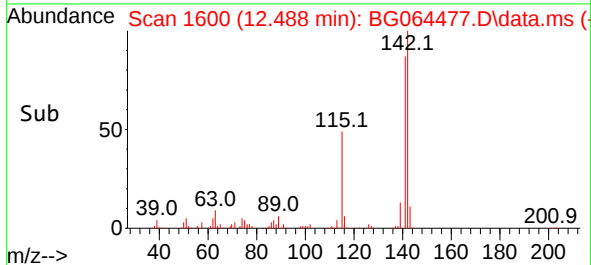
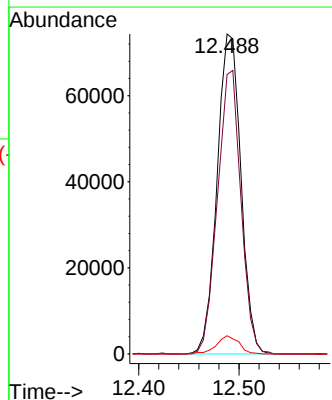
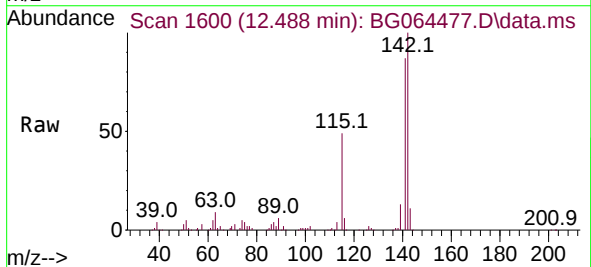
10/03/2025  
Supervised By :Jagrut  
Upadhyay

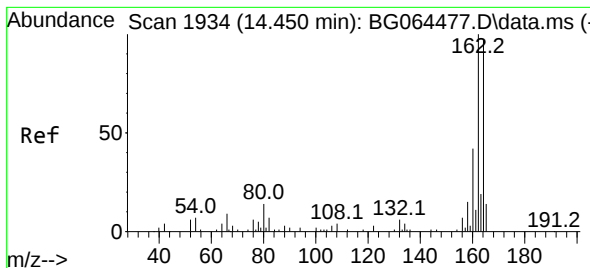
10/03/2025



#38  
1-Methylnaphthalene  
Concen: 41.851 ng  
RT: 12.488 min Scan# 1600  
Delta R.T. 0.002 min  
Lab File: BG064477.D  
Acq: 2 Oct 2025 12:14

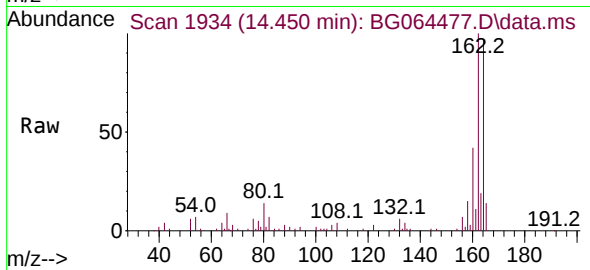
Tgt Ion:142 Resp: 122645  
Ion Ratio Lower Upper  
142 100  
141 87.3 69.8 104.8  
116 6.0 4.6 6.8





#39  
Acenaphthene-d10  
Concen: 20.000 ng  
RT: 14.450 min Scan# 1934  
Delta R.T. 0.002 min  
Lab File: BG064477.D  
Acq: 2 Oct 2025 12:14

Instrument :  
BNA\_G  
ClientSampleId :  
SSTDICCC040



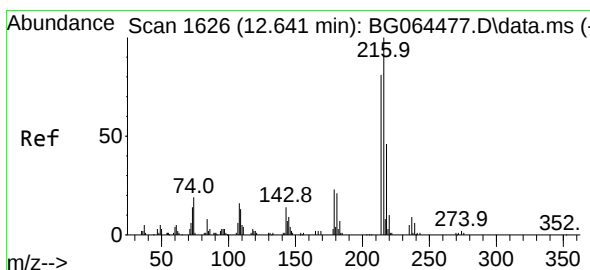
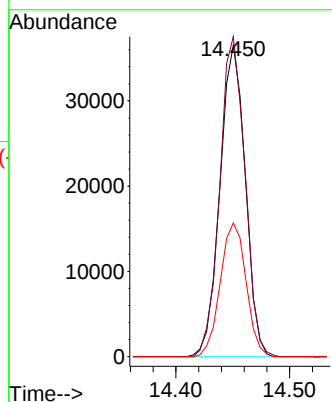
Tgt Ion:164 Resp: 56405  
Ion Ratio Lower Upper  
164 100  
162 102.7 82.2 123.2  
160 42.9 34.3 51.5

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Chavli

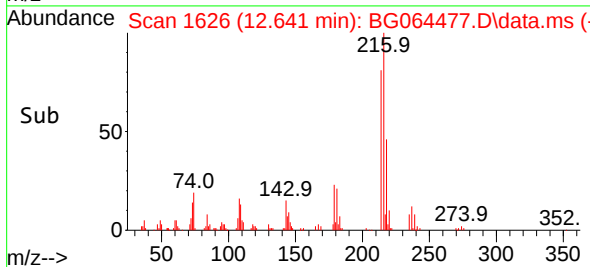
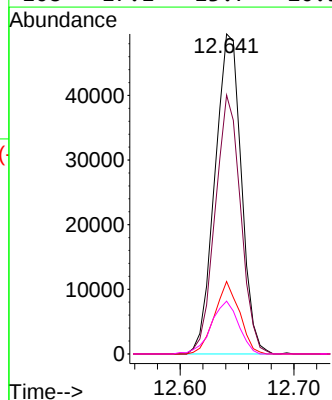
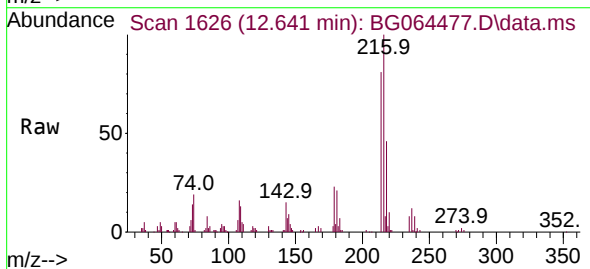
10/03/2025  
Supervised By :Jagrut  
Upadhyay

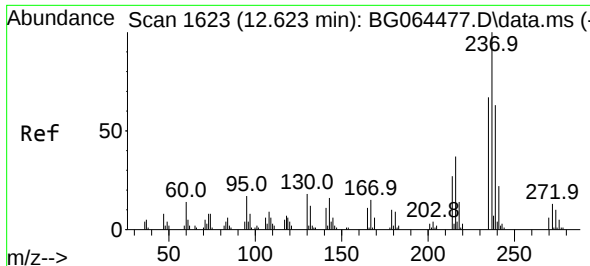
10/03/2025



#40  
1,2,4,5-Tetrachlorobenzene  
Concen: 43.852 ng  
RT: 12.641 min Scan# 1626  
Delta R.T. 0.002 min  
Lab File: BG064477.D  
Acq: 2 Oct 2025 12:14

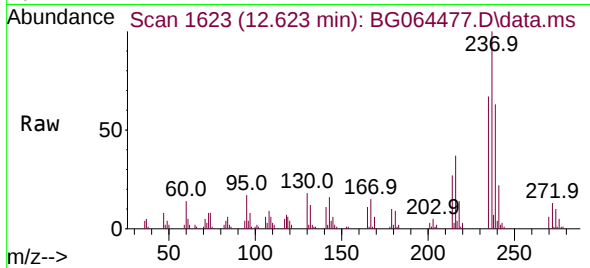
Tgt Ion:216 Resp: 79864  
Ion Ratio Lower Upper  
216 100  
214 78.1 62.5 93.7  
179 21.3 17.0 25.6  
108 17.1 13.7 20.5





#41  
Hexachlorocyclopentadiene  
Concen: 42.981 ng  
RT: 12.623 min Scan# 1623  
Delta R.T. 0.002 min  
Lab File: BG064477.D  
Acq: 2 Oct 2025 12:14

Instrument :  
BNA\_G  
ClientSampleId :  
SSTDICCC040



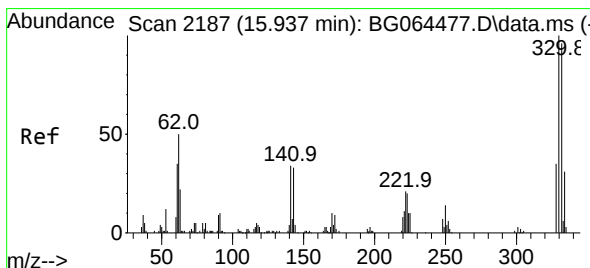
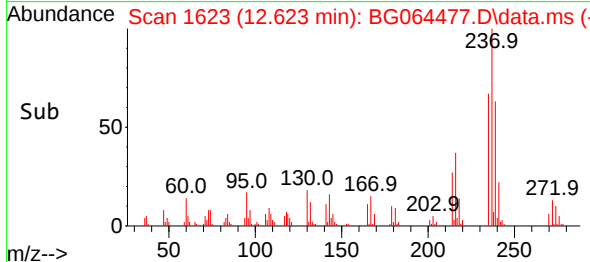
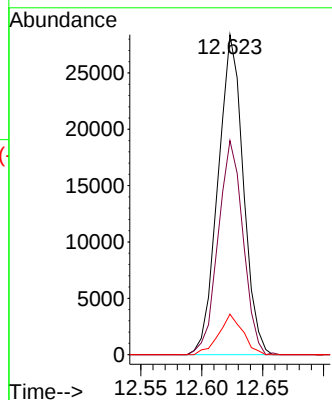
Tgt Ion:237 Resp: 40946  
Ion Ratio Lower Upper  
237 100  
235 66.9 46.9 86.9  
272 12.6 0.0 32.6

Manual Integrations  
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Chavli

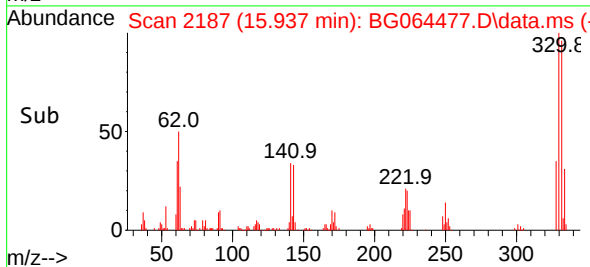
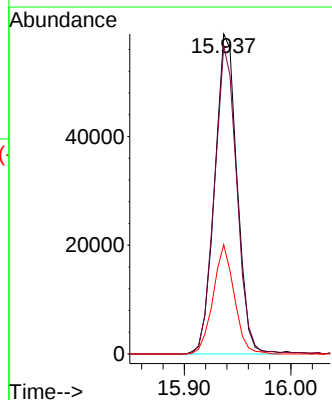
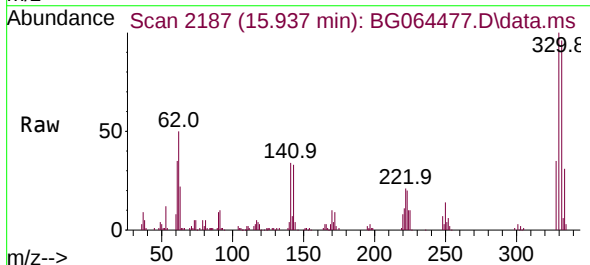
10/03/2025  
Supervised By :Jagrut  
Upadhyay

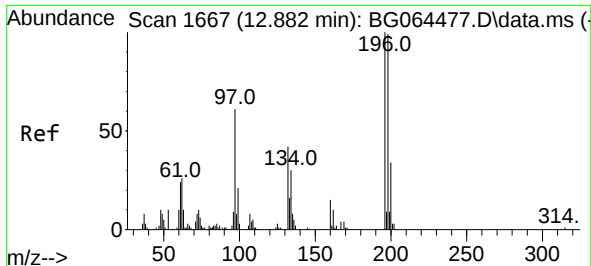
10/03/2025



#42  
2,4,6-Tribromophenol  
Concen: 83.995 ng  
RT: 15.937 min Scan# 2187  
Delta R.T. 0.002 min  
Lab File: BG064477.D  
Acq: 2 Oct 2025 12:14

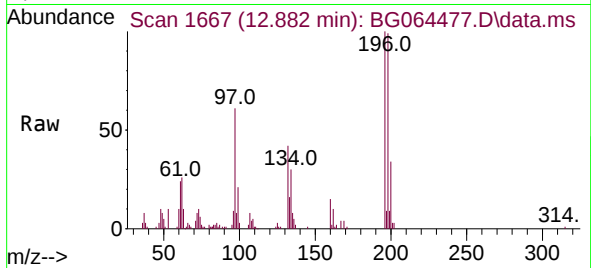
Tgt Ion:330 Resp: 85878  
Ion Ratio Lower Upper  
330 100  
332 96.7 77.4 116.0  
141 32.2 25.8 38.6





#43  
2,4,6-Trichlorophenol  
Concen: 43.159 ng  
RT: 12.882 min Scan# 1667  
Delta R.T. 0.002 min  
Lab File: BG064477.D  
Acq: 2 Oct 2025 12:14

Instrument :  
BNA\_G  
ClientSampleId :  
SSTDICCC040



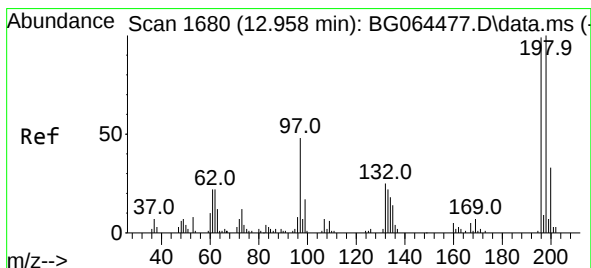
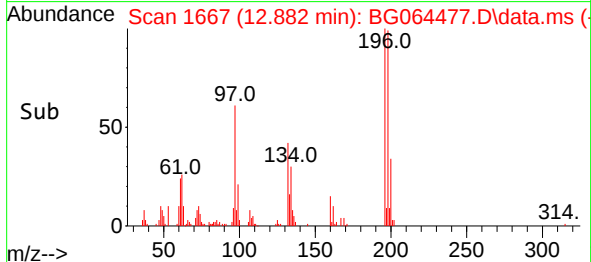
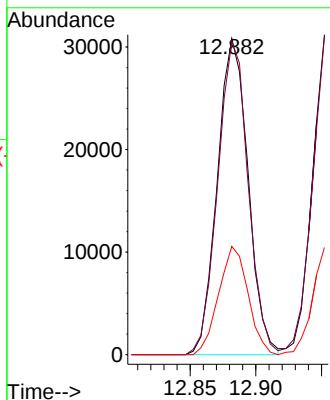
Tgt Ion:196 Resp: 5024  
Ion Ratio Lower Upper  
196 100  
198 99.1 79.3 118.9  
200 34.3 27.4 41.2

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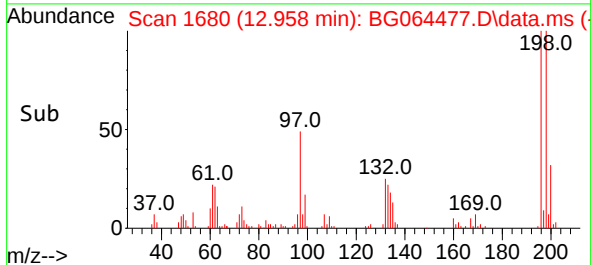
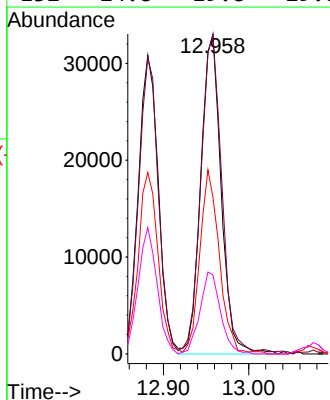
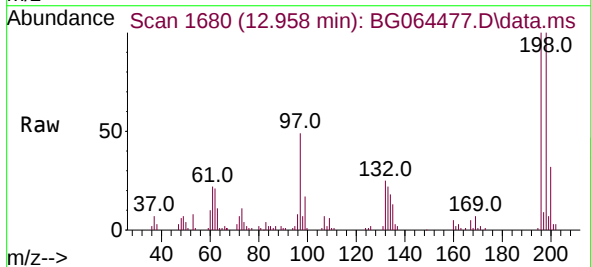
10/03/2025  
Supervised By :Jagrut  
Upadhyay

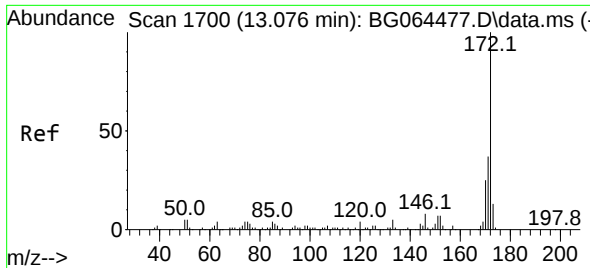
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#44  
2,4,5-Trichlorophenol  
Concen: 42.147 ng  
RT: 12.958 min Scan# 1680  
Delta R.T. 0.002 min  
Lab File: BG064477.D  
Acq: 2 Oct 2025 12:14

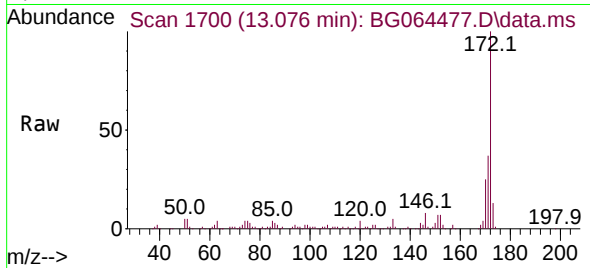
Tgt Ion:196 Resp: 54781  
Ion Ratio Lower Upper  
196 100  
198 100.4 80.3 120.5  
97 49.2 39.4 59.0  
132 24.8 19.8 29.8





#45  
2-Fluorobiphenyl  
Concen: 84.566 ng  
RT: 13.076 min Scan# 1700  
Delta R.T. 0.008 min  
Lab File: BG064477.D  
Acq: 2 Oct 2025 12:14

Instrument :  
BNA\_G  
ClientSampleId :  
SSTDICCC040



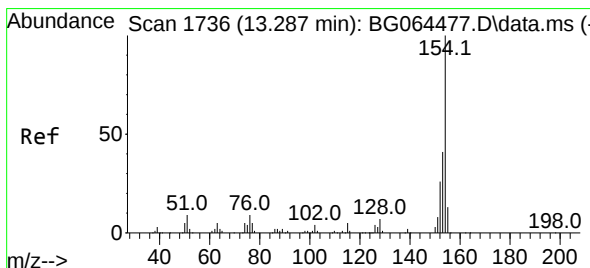
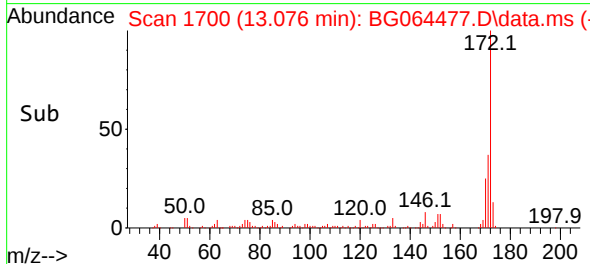
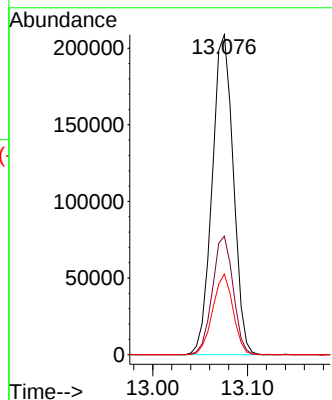
Tgt Ion:172 Resp: 323605  
Ion Ratio Lower Upper  
172 100  
171 37.0 29.6 44.4  
170 25.2 20.2 30.2

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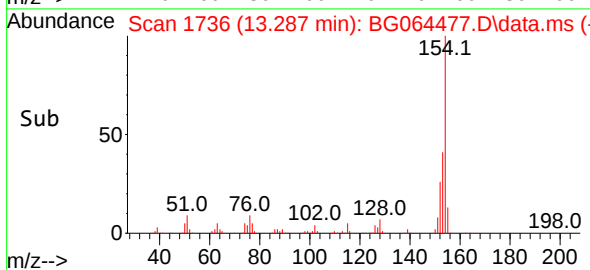
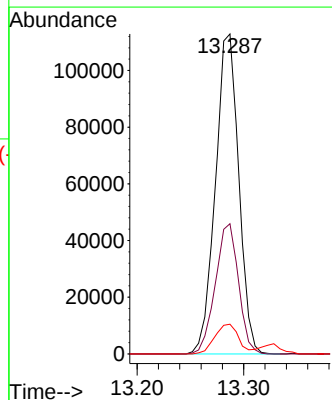
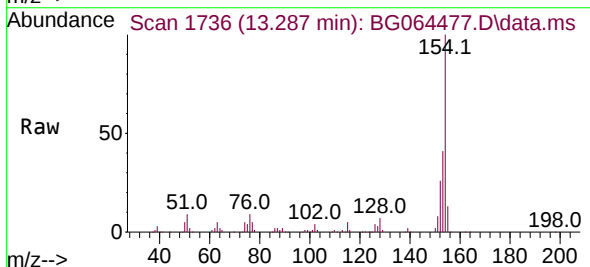
10/03/2025  
Supervised By :Jagrut  
Upadhyay

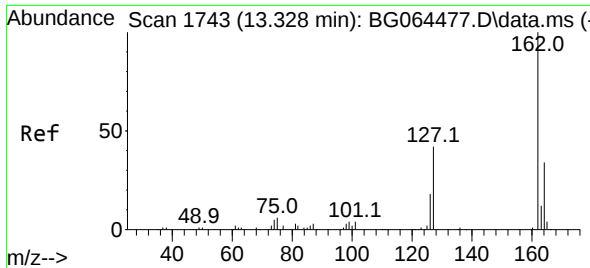
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#46  
1,1'-Biphenyl  
Concen: 42.286 ng  
RT: 13.287 min Scan# 1736  
Delta R.T. 0.008 min  
Lab File: BG064477.D  
Acq: 2 Oct 2025 12:14

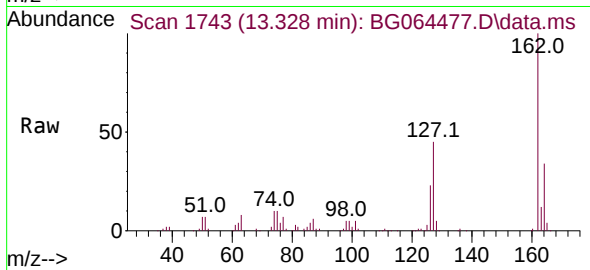
Tgt Ion:154 Resp: 171549  
Ion Ratio Lower Upper  
154 100  
153 40.7 20.7 60.7  
76 9.3 0.0 29.3





#47  
2-Chloronaphthalene  
Concen: 42.951 ng  
RT: 13.328 min Scan# 1743  
Delta R.T. 0.008 min  
Lab File: BG064477.D  
Acq: 2 Oct 2025 12:14

Instrument :  
BNA\_G  
ClientSampleId :  
SSTDICCC040



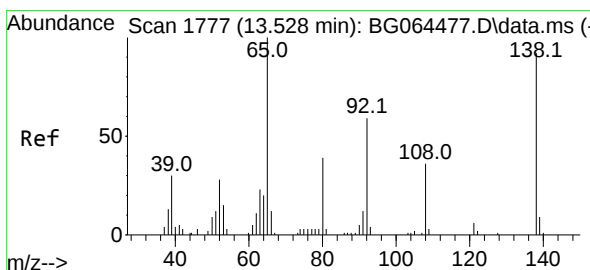
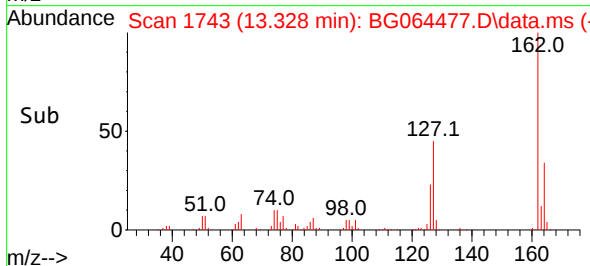
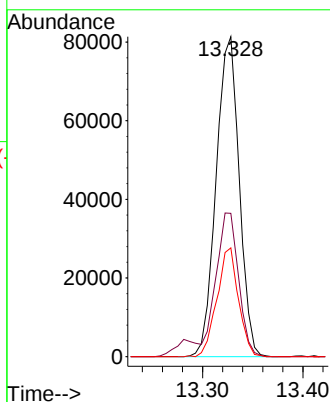
Tgt Ion:162 Resp: 130095  
Ion Ratio Lower Upper  
162 100  
127 44.8 35.8 53.8  
164 34.0 27.2 40.8

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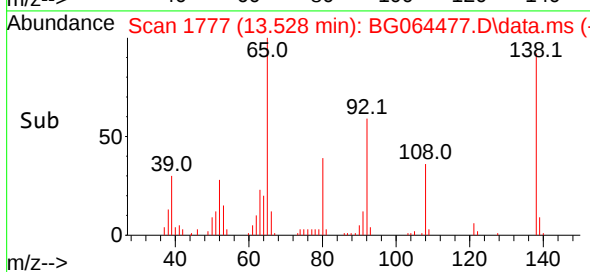
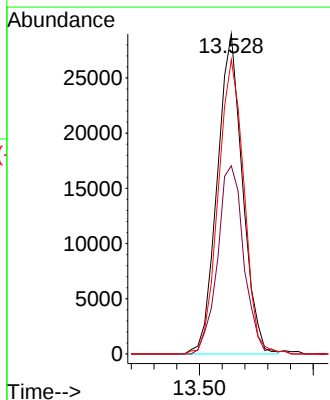
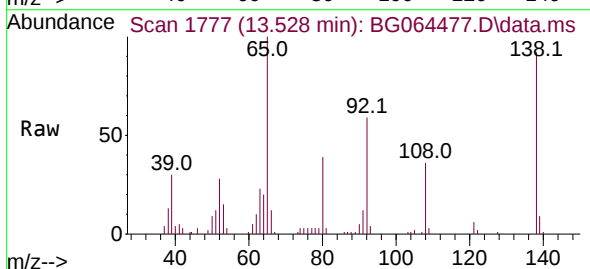
10/03/2025  
Supervised By :Jagrut  
Upadhyay

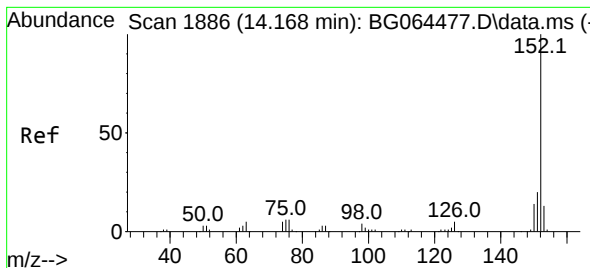
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#48  
2-Nitroaniline  
Concen: 43.302 ng  
RT: 13.528 min Scan# 1777  
Delta R.T. 0.002 min  
Lab File: BG064477.D  
Acq: 2 Oct 2025 12:14

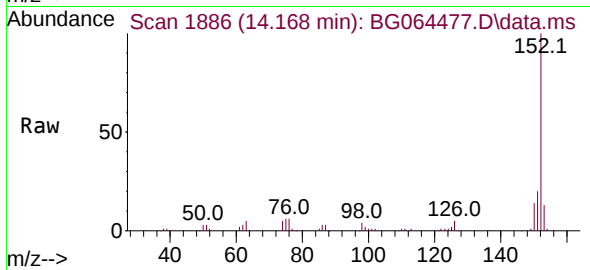
Tgt Ion: 65 Resp: 44764  
Ion Ratio Lower Upper  
65 100  
92 58.8 47.0 70.6  
138 91.9 73.5 110.3





#49  
Acenaphthylene  
Concen: 42.745 ng  
RT: 14.168 min Scan# 1886  
Delta R.T. -0.003 min  
Lab File: BG064477.D  
Acq: 2 Oct 2025 12:14

Instrument :  
BNA\_G  
ClientSampleId :  
SSTDICCC040



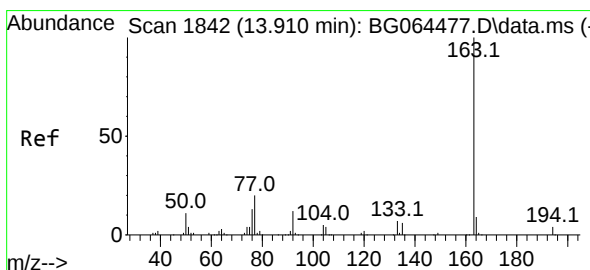
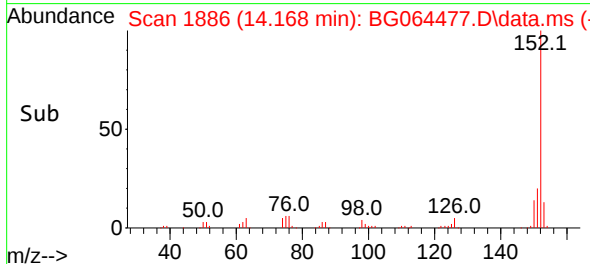
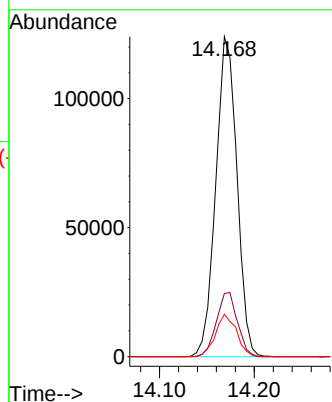
Tgt Ion:152 Resp: 192196  
Ion Ratio Lower Upper  
152 100  
151 19.7 15.8 23.6  
153 13.2 10.6 15.8

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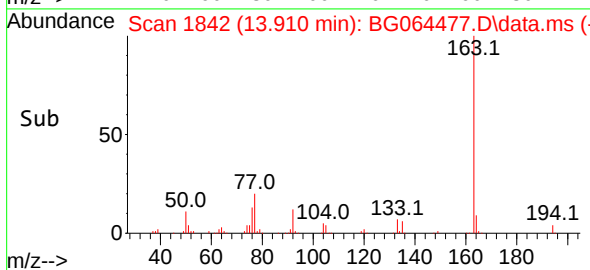
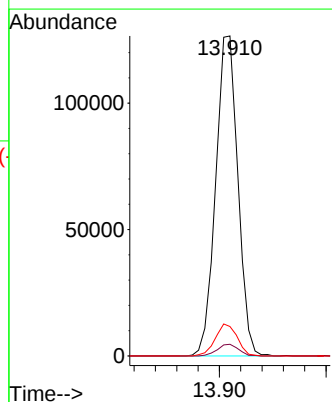
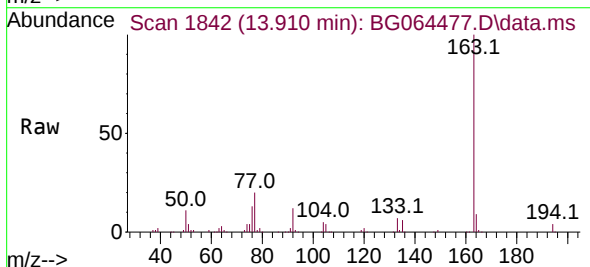
10/03/2025  
Supervised By :Jagrut  
Upadhyay

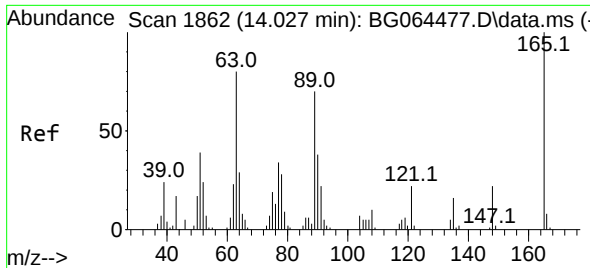
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#50  
Dimethylphthalate  
Concen: 41.482 ng  
RT: 13.910 min Scan# 1842  
Delta R.T. 0.008 min  
Lab File: BG064477.D  
Acq: 2 Oct 2025 12:14

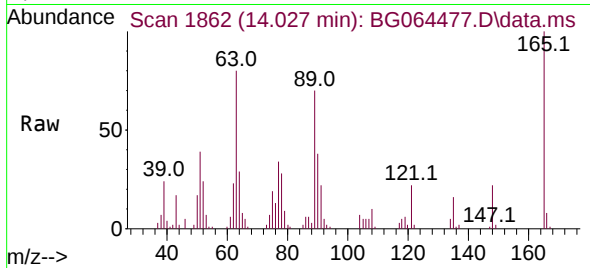
Tgt Ion:163 Resp: 183253  
Ion Ratio Lower Upper  
163 100  
194 3.6 2.9 4.3  
164 9.2 7.4 11.0





#51  
2,6-Dinitrotoluene  
Concen: 41.318 ng  
RT: 14.027 min Scan# 1862  
Delta R.T. 0.008 min  
Lab File: BG064477.D  
Acq: 2 Oct 2025 12:14

Instrument :  
BNA\_G  
ClientSampleId :  
SSTDICCC040



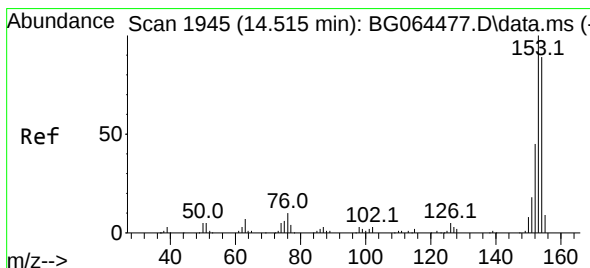
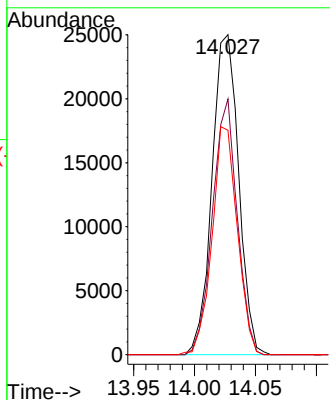
Tgt Ion:165 Resp: 38023  
Ion Ratio Lower Upper  
165 100  
63 79.9 63.9 95.9  
89 70.1 56.1 84.1

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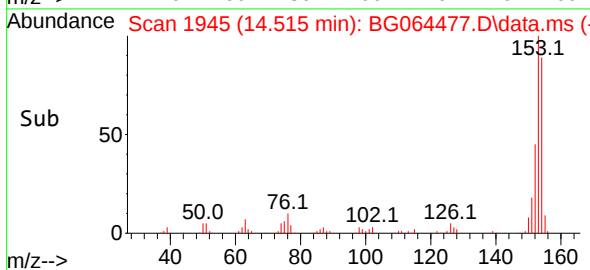
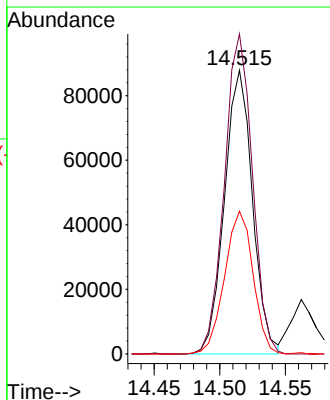
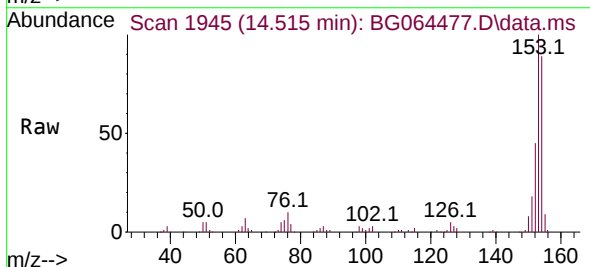
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Supervised By :Jagrut  
Upadhyay

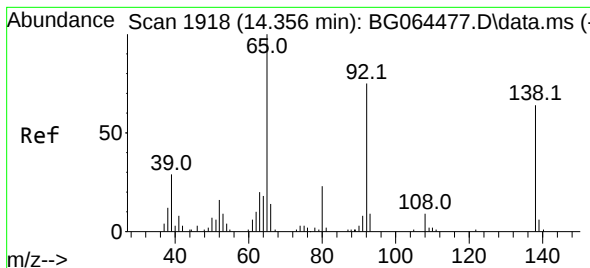
10/03/2025



#52  
Acenaphthene  
Concen: 41.846 ng  
RT: 14.515 min Scan# 1945  
Delta R.T. 0.002 min  
Lab File: BG064477.D  
Acq: 2 Oct 2025 12:14

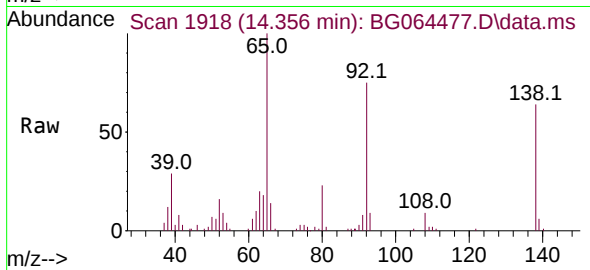
Tgt Ion:154 Resp: 130718  
Ion Ratio Lower Upper  
154 100  
153 112.8 90.2 135.4  
152 50.3 40.2 60.4





#53  
3-Nitroaniline  
Concen: 42.448 ng  
RT: 14.356 min Scan# 1918  
Delta R.T. 0.008 min  
Lab File: BG064477.D  
Acq: 2 Oct 2025 12:14

Instrument :  
BNA\_G  
ClientSampleId :  
SSTDICCC040



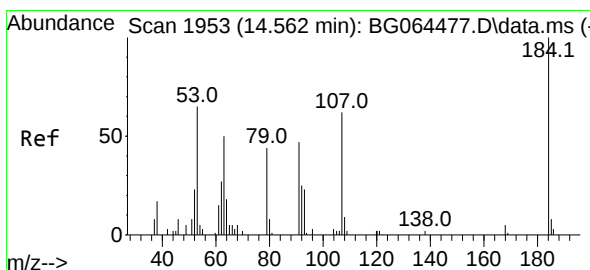
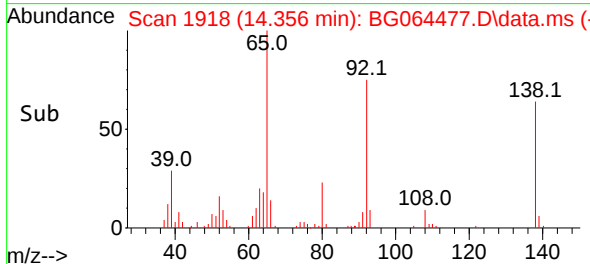
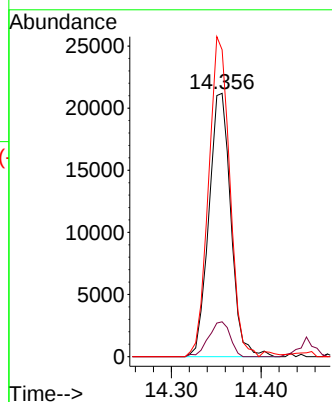
Tgt Ion:138 Resp: 36025  
Ion Ratio Lower Upper  
138 100  
108 13.2 10.6 15.8  
92 116.5 93.2 139.8

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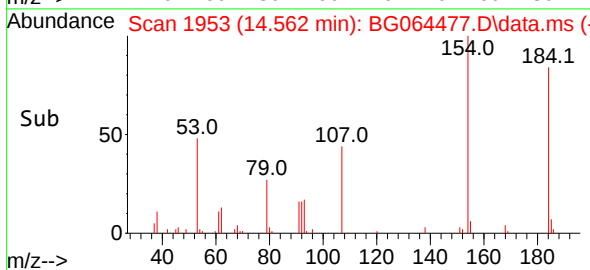
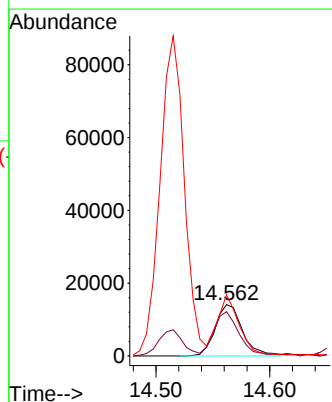
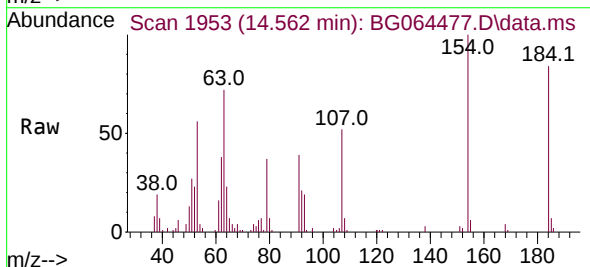
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Supervised By :Jagrut  
Upadhyay

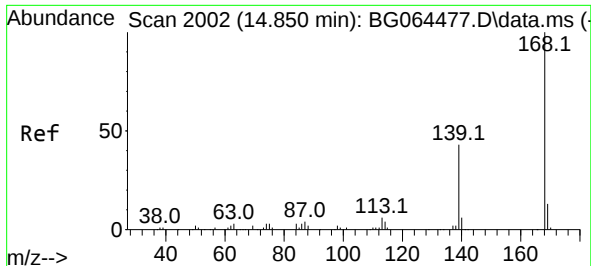
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#54  
2,4-Dinitrophenol  
Concen: 35.006 ng  
RT: 14.562 min Scan# 1953  
Delta R.T. -0.003 min  
Lab File: BG064477.D  
Acq: 2 Oct 2025 12:14

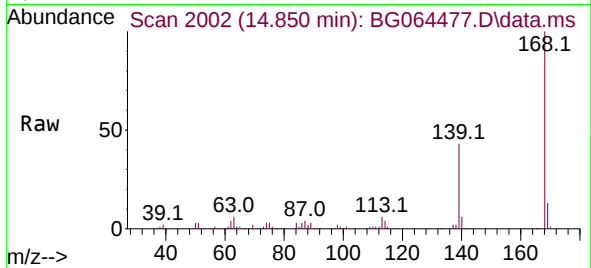
Tgt Ion:184 Resp: 23359  
Ion Ratio Lower Upper  
184 100  
63 86.2 69.0 103.4  
154 119.5 95.6 143.4





#55  
Dibenzofuran  
Concen: 41.749 ng  
RT: 14.850 min Scan# 2002  
Delta R.T. 0.002 min  
Lab File: BG064477.D  
Acq: 2 Oct 2025 12:14

Instrument :  
BNA\_G  
ClientSampleId :  
SSTDICCC040



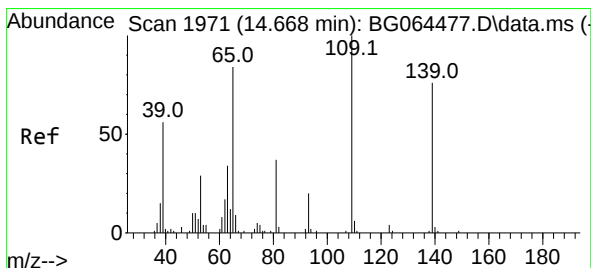
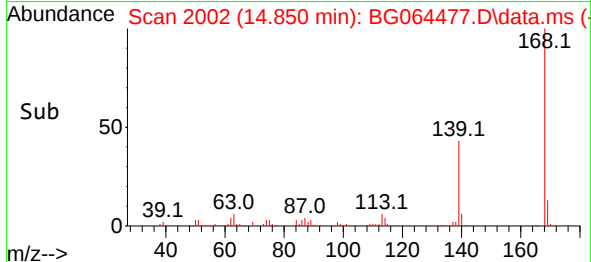
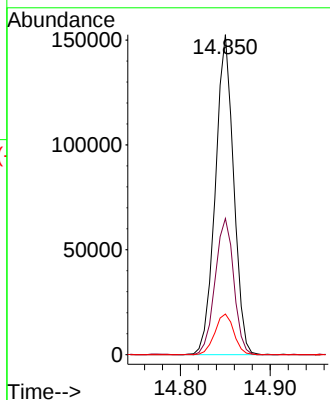
Tgt Ion:168 Resp: 215338  
Ion Ratio Lower Upper  
168 100  
139 42.5 34.0 51.0  
169 12.7 10.2 15.2

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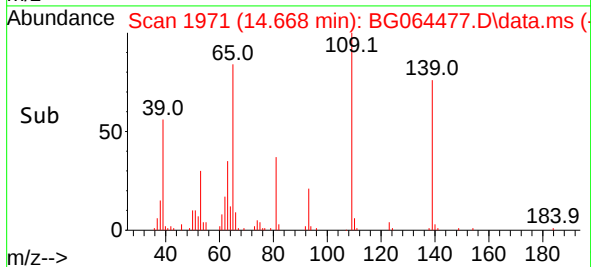
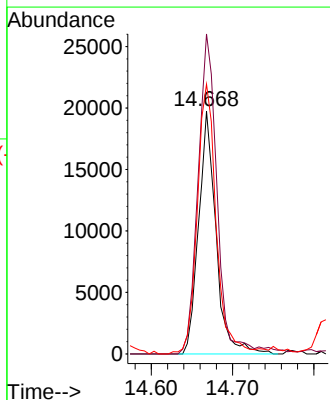
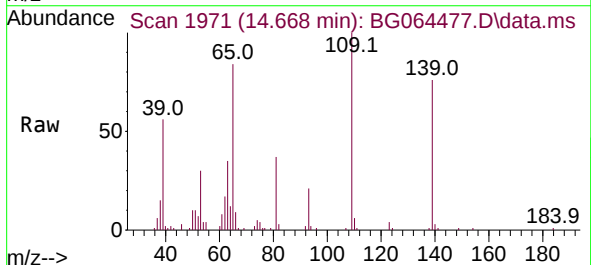
10/03/2025  
Supervised By :Jagrut  
Upadhyay

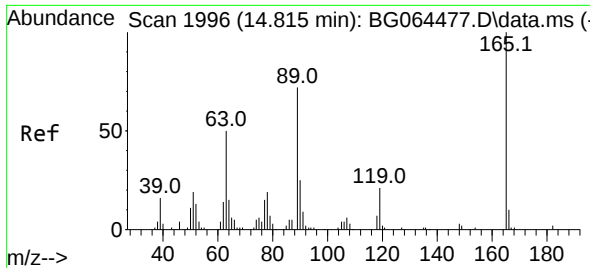
10/03/2025



#56  
4-Nitrophenol  
Concen: 43.974 ng  
RT: 14.668 min Scan# 1971  
Delta R.T. 0.002 min  
Lab File: BG064477.D  
Acq: 2 Oct 2025 12:14

Tgt Ion:139 Resp: 29383  
Ion Ratio Lower Upper  
139 100  
109 131.8 111.8 151.8  
65 111.1 91.1 131.1





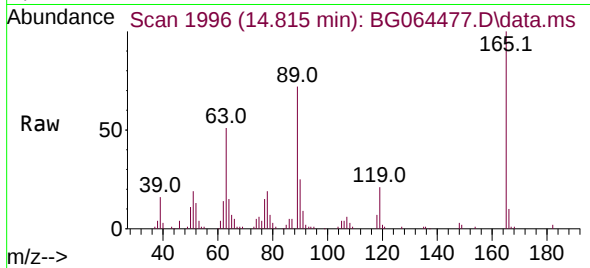
#57  
2,4-Dinitrotoluene  
Concen: 42.268 ng  
RT: 14.815 min Scan# 1996  
Delta R.T. 0.002 min  
Lab File: BG064477.D  
Acq: 2 Oct 2025 12:14

Instrument :

BNA\_G

ClientSampleId :

SSTDICCC040



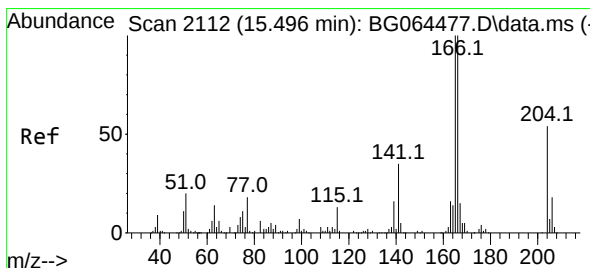
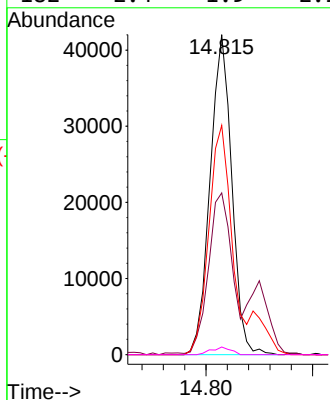
Tgt Ion:165 Resp: 59462  
Ion Ratio Lower Upper  
165 100  
63 50.5 40.4 60.6  
89 71.6 57.3 85.9  
182 2.4 1.9 2.9

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Chavli

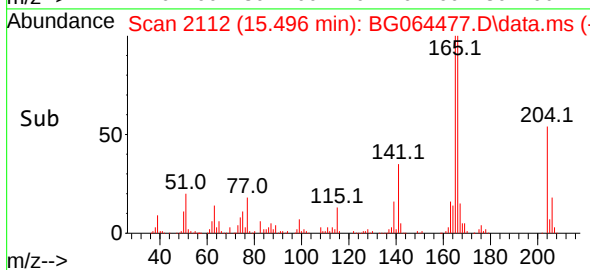
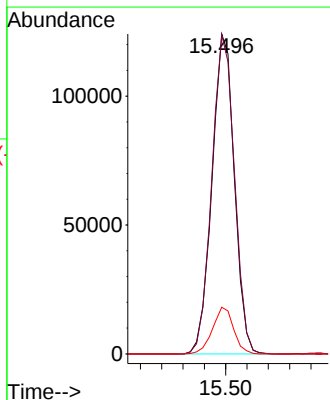
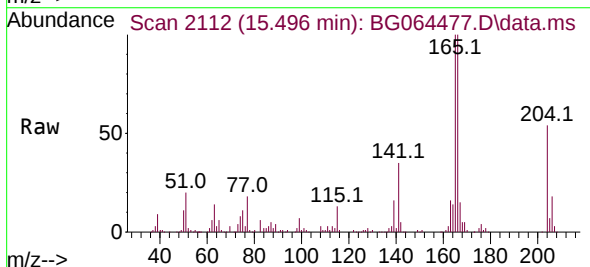
10/03/2025  
Supervised By :Jagrut  
Upadhyay

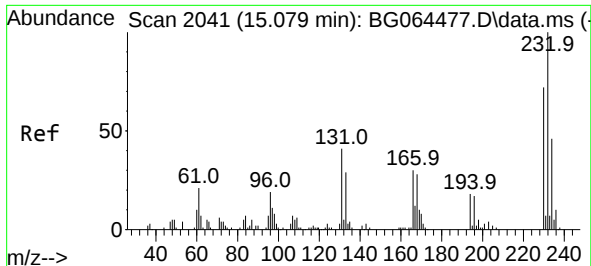
10/03/2025



#58  
Fluorene  
Concen: 42.112 ng  
RT: 15.496 min Scan# 2112  
Delta R.T. 0.002 min  
Lab File: BG064477.D  
Acq: 2 Oct 2025 12:14

Tgt Ion:166 Resp: 180574  
Ion Ratio Lower Upper  
166 100  
165 99.7 79.8 119.6  
167 14.6 11.7 17.5





#59  
2,3,4,6-Tetrachlorophenol  
Concen: 42.971 ng  
RT: 15.079 min Scan# 2041  
Delta R.T. 0.008 min  
Lab File: BG064477.D  
Acq: 2 Oct 2025 12:14

Instrument :

BNA\_G

ClientSampleId :

SSTDICCC040

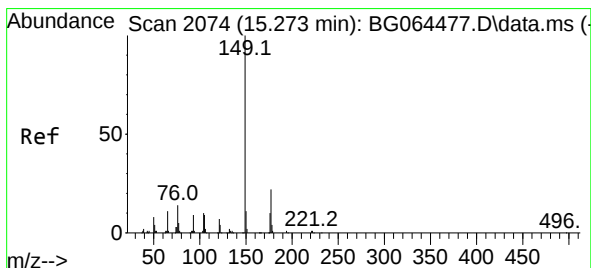
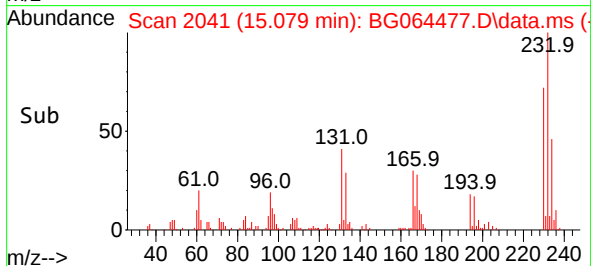
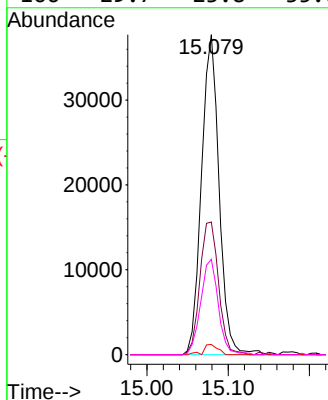
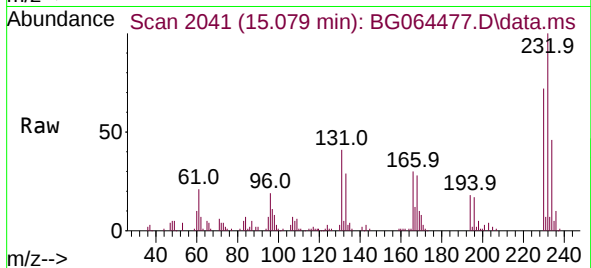
Tgt Ion:232 Resp: 57000  
Ion Ratio Lower Upper  
232 100  
131 43.7 35.0 52.4  
130 2.5 2.0 3.0  
166 29.7 23.8 35.6

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Reviewed By :Rahul  
Chavli

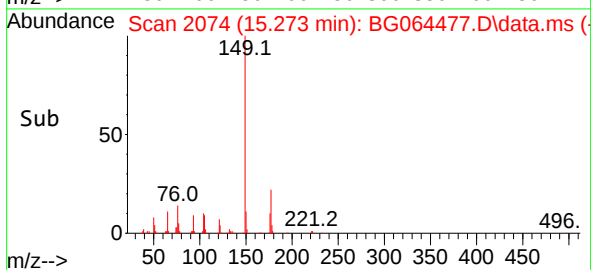
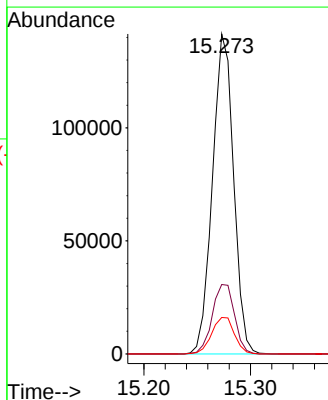
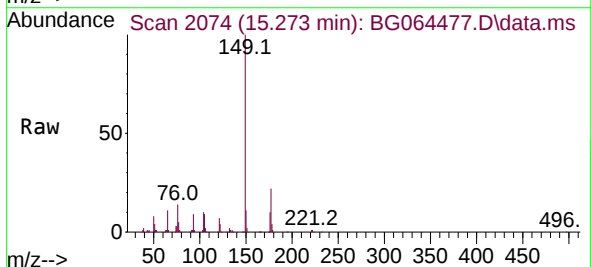
10/03/2025  
Supervised By :Jagrut  
Upadhyay

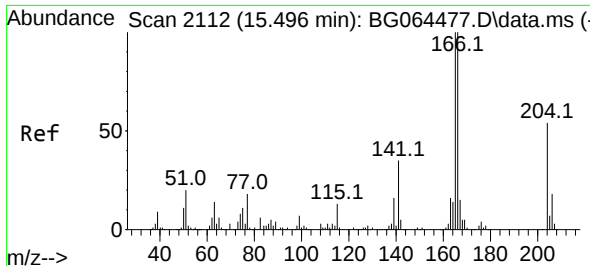
10/03/2025



#60  
Diethylphthalate  
Concen: 41.179 ng  
RT: 15.273 min Scan# 2074  
Delta R.T. 0.002 min  
Lab File: BG064477.D  
Acq: 2 Oct 2025 12:14

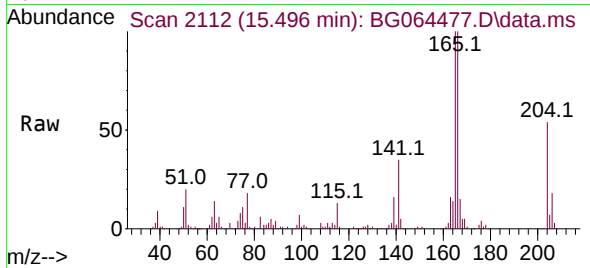
Tgt Ion:149 Resp: 195149  
Ion Ratio Lower Upper  
149 100  
177 21.7 17.4 26.0  
150 11.4 9.1 13.7





#61  
4-Chlorophenyl-phenylether  
Concen: 41.818 ng  
RT: 15.496 min Scan# 2112  
Delta R.T. 0.008 min  
Lab File: BG064477.D  
Acq: 2 Oct 2025 12:14

Instrument :  
BNA\_G  
ClientSampleId :  
SSTDICCC040



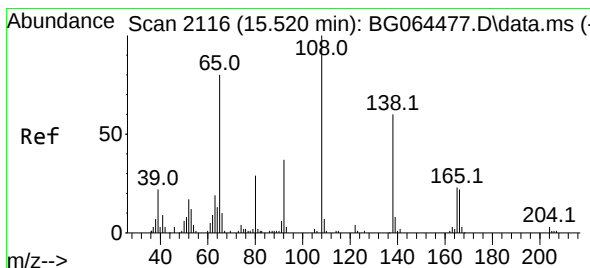
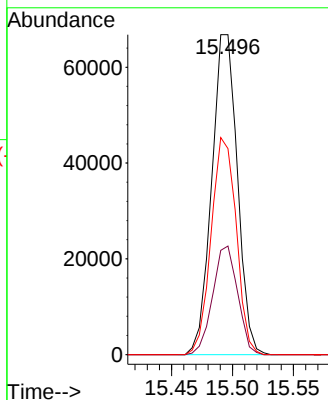
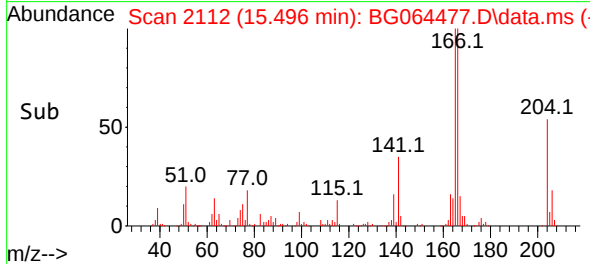
Tgt Ion:204 Resp: 97895  
Ion Ratio Lower Upper  
204 100  
206 33.9 27.1 40.7  
141 64.4 51.5 77.3

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Chavli

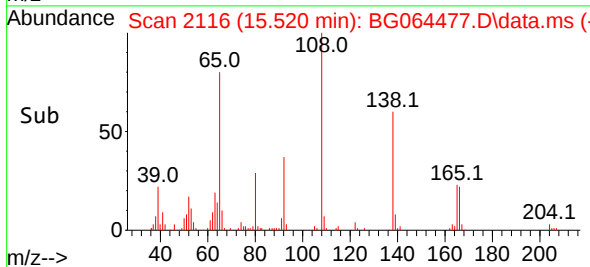
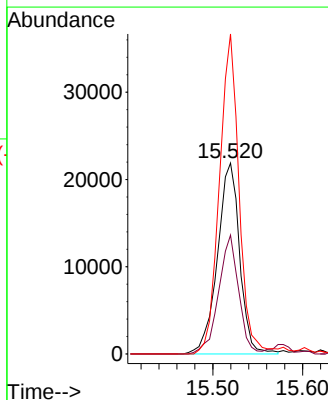
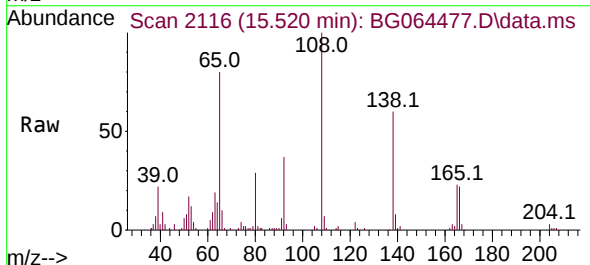
10/03/2025  
Supervised By :Jagrut  
Upadhyay

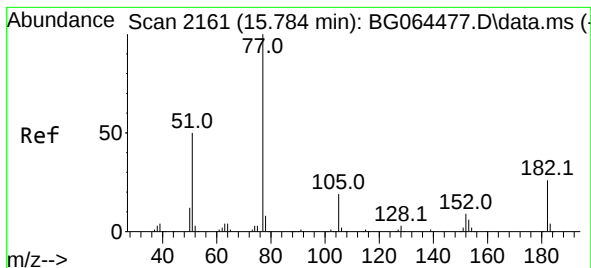
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#62  
4-Nitroaniline  
Concen: 42.613 ng  
RT: 15.520 min Scan# 2116  
Delta R.T. 0.008 min  
Lab File: BG064477.D  
Acq: 2 Oct 2025 12:14

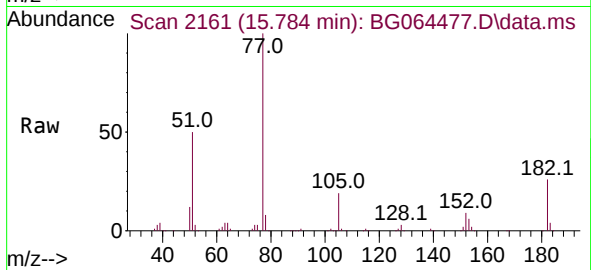
Tgt Ion:138 Resp: 37694  
Ion Ratio Lower Upper  
138 100  
92 62.3 42.3 82.3  
108 167.7 147.7 187.7





#63  
Azobenzene  
Concen: 41.381 ng  
RT: 15.784 min Scan# 2161  
Delta R.T. 0.002 min  
Lab File: BG064477.D  
Acq: 2 Oct 2025 12:14

Instrument :  
BNA\_G  
ClientSampleId :  
SSTDICCC040



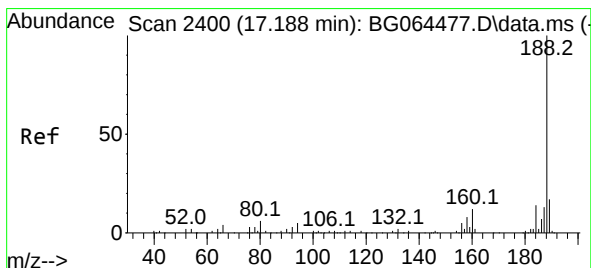
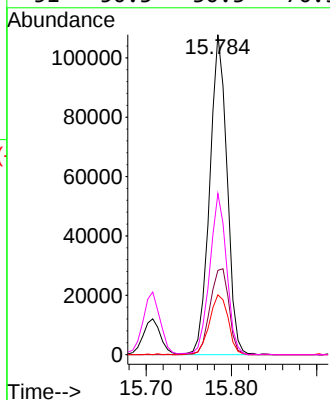
Tgt Ion: 77 Resp: 151875  
Ion Ratio Lower Upper  
77 100  
182 26.3 6.3 46.3  
105 18.7 0.0 38.7  
51 50.3 30.3 70.3

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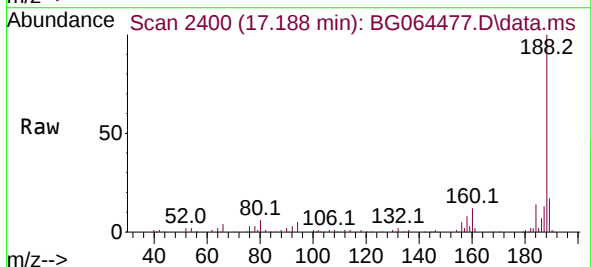
Reviewed By :Rahul  
Chavli

10/03/2025  
Supervised By :Jagrut  
Upadhyay

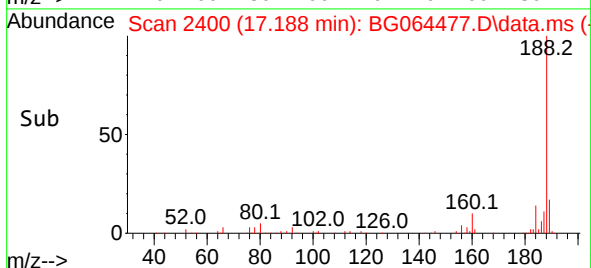
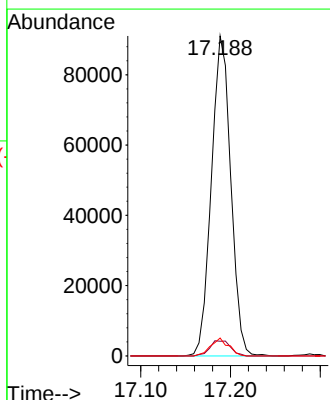
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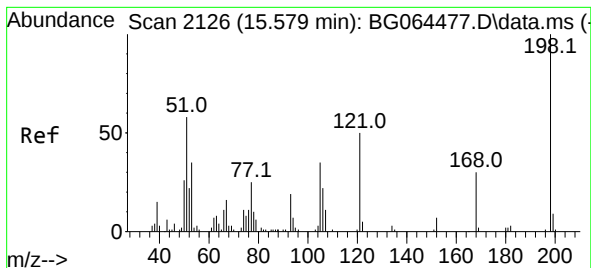


#64  
Phenanthrene-d10  
Concen: 20.000 ng  
RT: 17.188 min Scan# 2400  
Delta R.T. 0.002 min  
Lab File: BG064477.D  
Acq: 2 Oct 2025 12:14



Tgt Ion:188 Resp: 137065  
Ion Ratio Lower Upper  
188 100  
94 4.6 3.7 5.5  
80 5.6 4.5 6.7





#65  
4,6-Dinitro-2-methylphenol  
Concen: 41.634 ng  
RT: 15.579 min Scan# 2126  
Delta R.T. 0.002 min  
Lab File: BG064477.D  
Acq: 2 Oct 2025 12:14

Instrument :  
BNA\_G  
ClientSampleId :  
SSTDICCC040

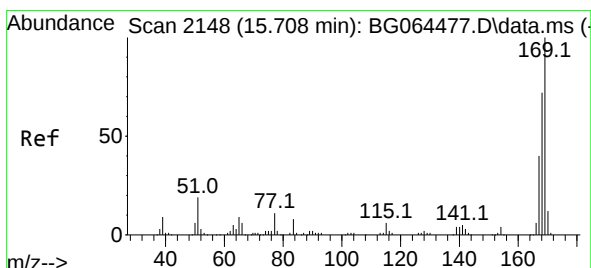
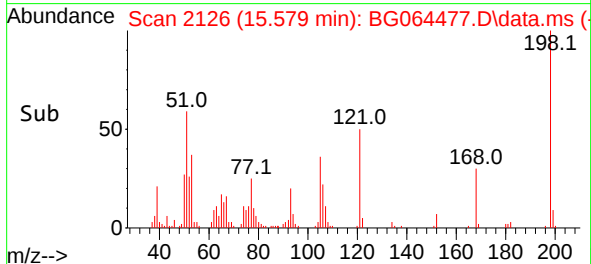
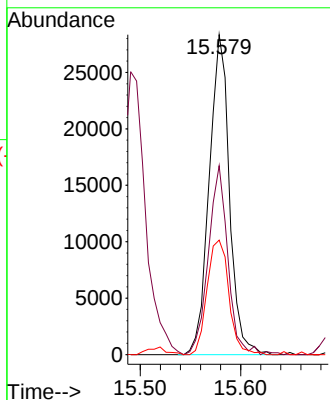
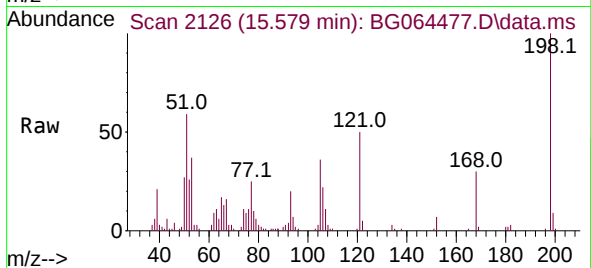
Tgt Ion:198 Resp: 39733  
Ion Ratio Lower Upper  
198 100  
51 59.0 39.0 79.0  
105 35.8 15.8 55.8

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Chavli

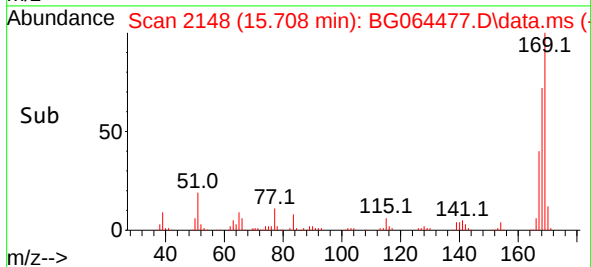
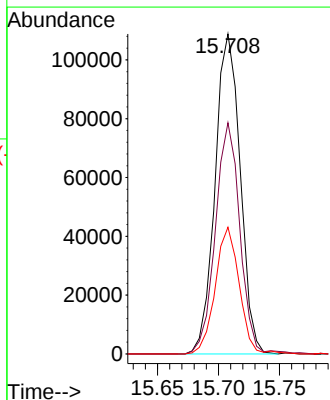
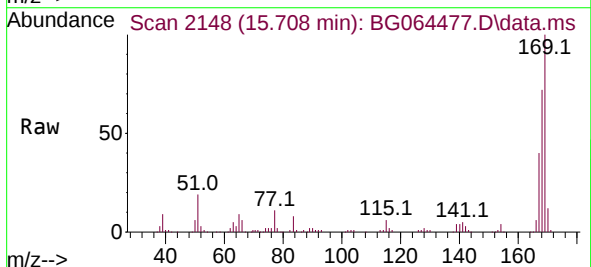
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Supervised By :Jagrut  
Upadhyay

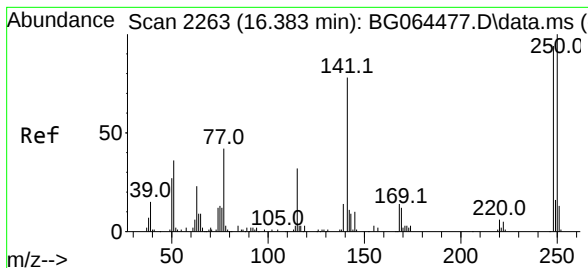
10/03/2025



#66  
n-Nitrosodiphenylamine  
Concen: 42.580 ng  
RT: 15.708 min Scan# 2148  
Delta R.T. 0.002 min  
Lab File: BG064477.D  
Acq: 2 Oct 2025 12:14

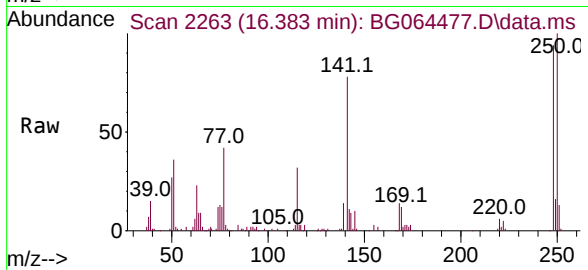
Tgt Ion:169 Resp: 155849  
Ion Ratio Lower Upper  
169 100  
168 72.2 57.8 86.6  
167 39.6 31.7 47.5





#67  
4-Bromophenyl-phenylether  
Concen: 43.066 ng  
RT: 16.383 min Scan# 2263  
Delta R.T. 0.002 min  
Lab File: BG064477.D  
Acq: 2 Oct 2025 12:14

Instrument :  
BNA\_G  
ClientSampleId :  
SSTDICCC040



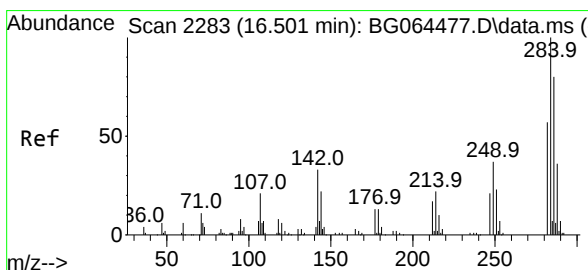
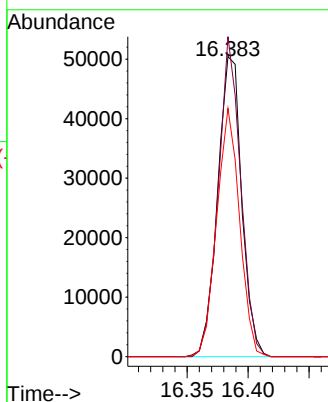
Tgt Ion:248 Resp: 69462  
Ion Ratio Lower Upper  
248 100  
250 106.6 85.3 127.9  
141 82.7 66.2 99.2

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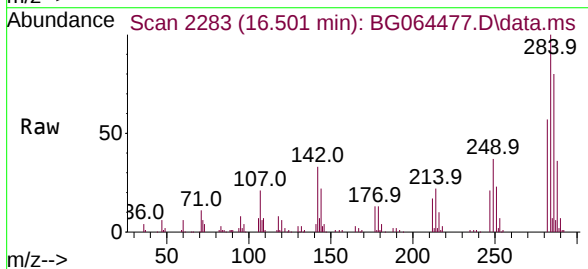
Reviewed By :Rahul  
Chavli

10/03/2025  
Supervised By :Jagrut  
Upadhyay

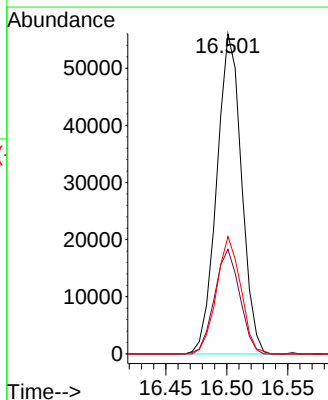
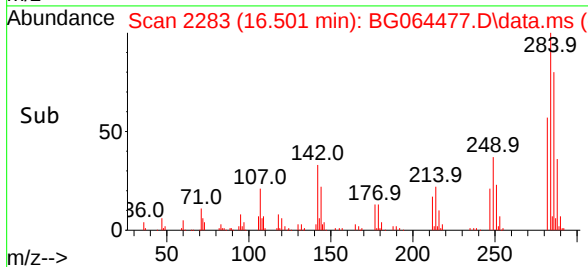
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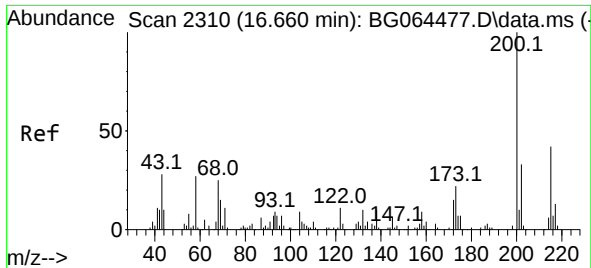


#68  
Hexachlorobenzene  
Concen: 42.809 ng  
RT: 16.501 min Scan# 2283  
Delta R.T. 0.002 min  
Lab File: BG064477.D  
Acq: 2 Oct 2025 12:14



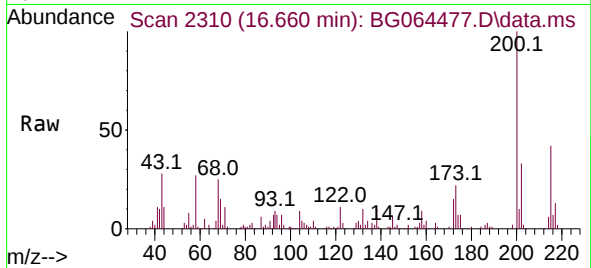
Tgt Ion:284 Resp: 79010  
Ion Ratio Lower Upper  
284 100  
142 32.7 26.2 39.2  
249 36.7 29.4 44.0





#69  
 Atrazine  
 Concen: 42.039 ng  
 RT: 16.660 min Scan# 2310  
 Delta R.T. 0.008 min  
 Lab File: BG064477.D  
 Acq: 2 Oct 2025 12:14

Instrument :  
 BNA\_G  
 ClientSampleId :  
 SSTDICC040



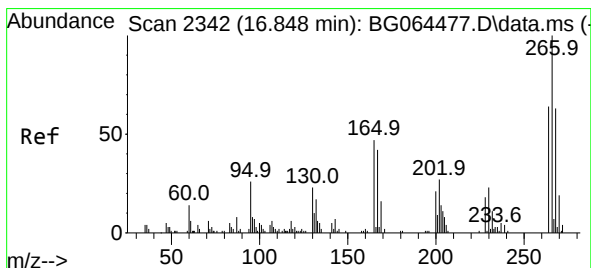
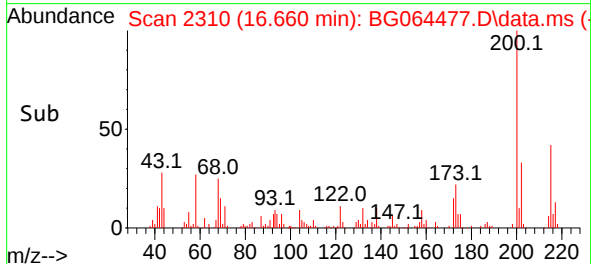
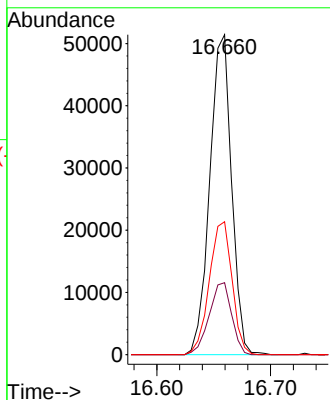
Tgt Ion:200 Resp: 68458  
 Ion Ratio Lower Upper  
 200 100  
 173 22.5 2.5 42.5  
 215 41.5 21.5 61.5

Manual Integrations  
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 Chavli

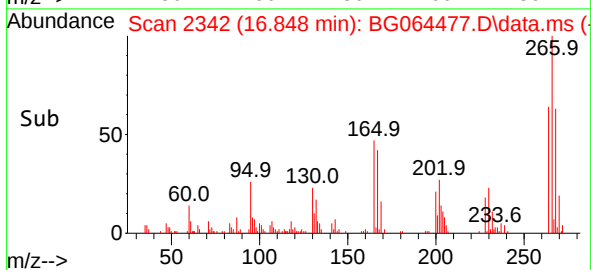
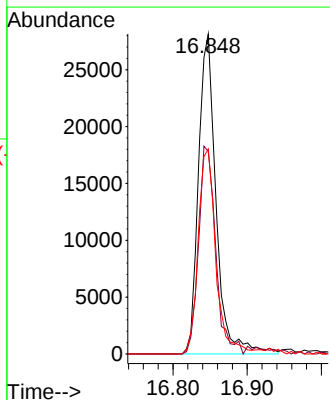
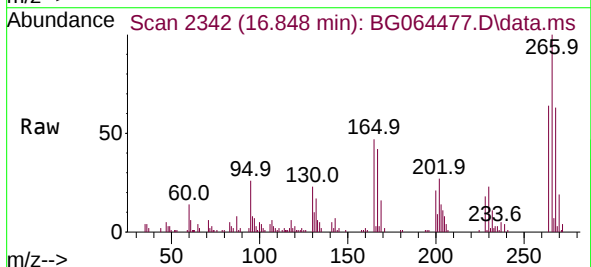
10/03/2025  
 Supervised By :Jagrut  
 Upadhyay

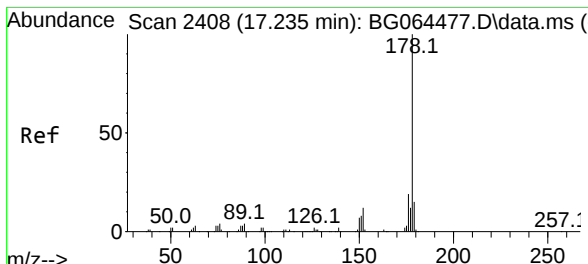
10/03/2025



#70  
 Pentachlorophenol  
 Concen: 43.049 ng  
 RT: 16.848 min Scan# 2342  
 Delta R.T. 0.002 min  
 Lab File: BG064477.D  
 Acq: 2 Oct 2025 12:14

Tgt Ion:266 Resp: 46456  
 Ion Ratio Lower Upper  
 266 100  
 268 63.2 50.6 75.8  
 264 64.0 51.2 76.8





#71  
 Phenanthrene  
 Concen: 42.473 ng  
 RT: 17.235 min Scan# 2408  
 Delta R.T. 0.008 min  
 Lab File: BG064477.D  
 Acq: 2 Oct 2025 12:14

Instrument :

BNA\_G

ClientSampleId :

SSTDICCC040

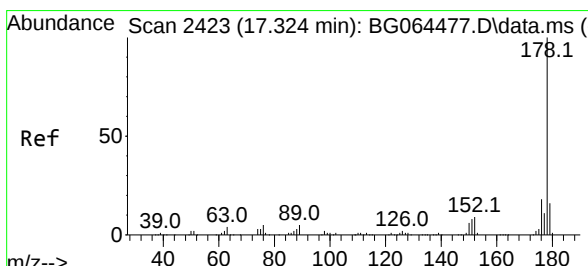
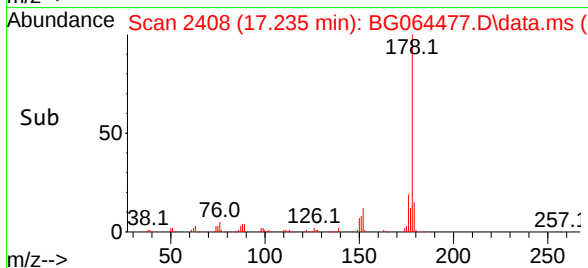
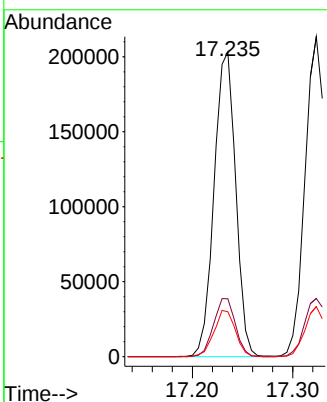
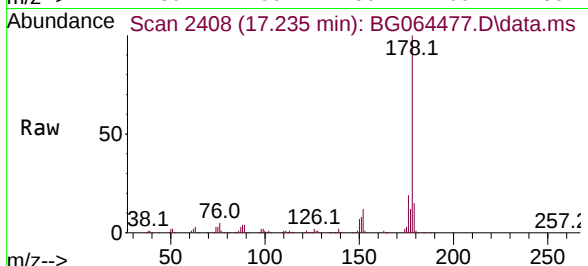
Tgt Ion:178 Resp: 30444  
 Ion Ratio Lower Upper  
 178 100  
 176 19.0 15.2 22.8  
 179 14.7 11.8 17.6

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 Chavli

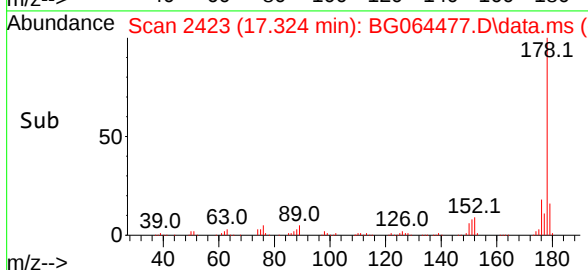
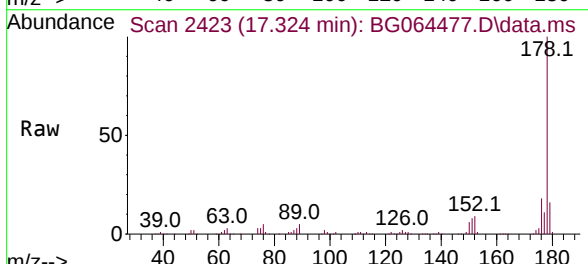
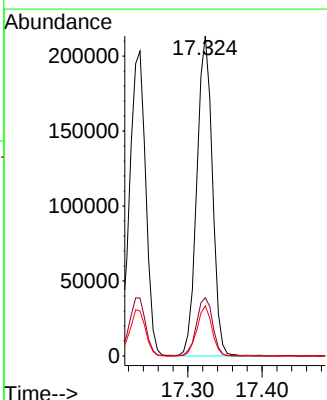
10/03/2025  
 Supervised By :Jagrut  
 Upadhyay

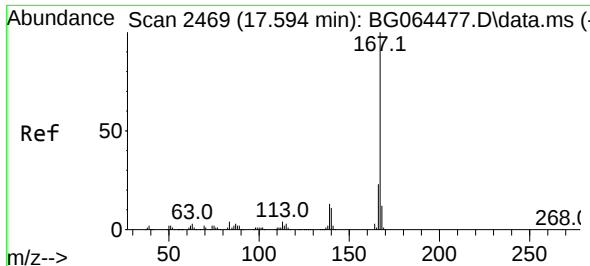
10/03/2025



#72  
 Anthracene  
 Concen: 43.082 ng  
 RT: 17.324 min Scan# 2423  
 Delta R.T. 0.002 min  
 Lab File: BG064477.D  
 Acq: 2 Oct 2025 12:14

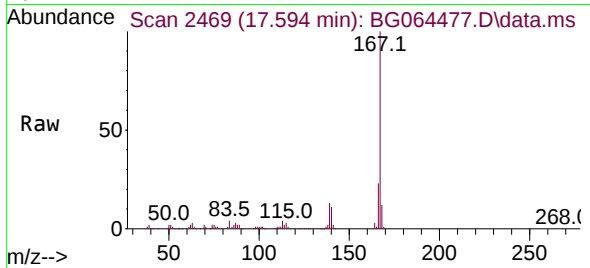
Tgt Ion:178 Resp: 309798  
 Ion Ratio Lower Upper  
 178 100  
 176 18.2 14.6 21.8  
 179 15.6 12.5 18.7





#73  
 Carbazole  
 Concen: 43.520 ng  
 RT: 17.594 min Scan# 2469  
 Delta R.T. 0.002 min  
 Lab File: BG064477.D  
 Acq: 2 Oct 2025 12:14

Instrument :  
 BNA\_G  
 ClientSampleId :  
 SSTDICC040



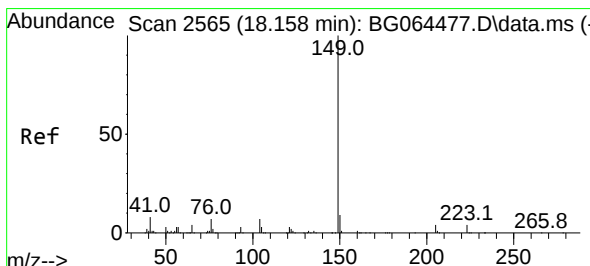
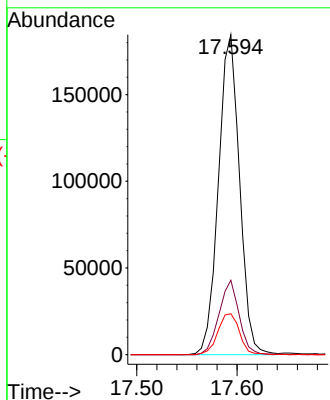
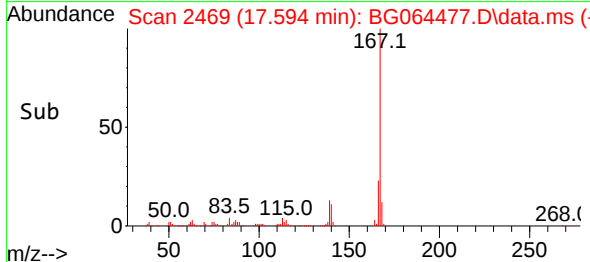
Tgt Ion:167 Resp: 270505  
 Ion Ratio Lower Upper  
 167 100  
 166 23.2 18.6 27.8  
 139 12.8 10.2 15.4

Manual Integrations  
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 Chavli

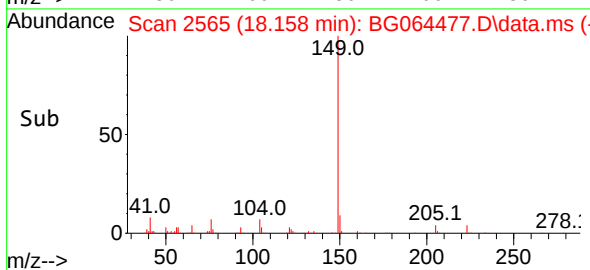
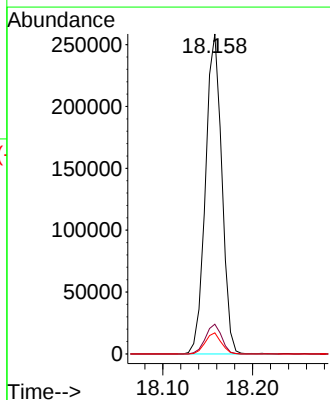
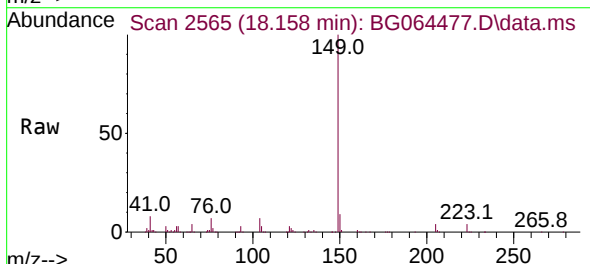
10/03/2025  
 Supervised By :Jagrut  
 Upadhyay

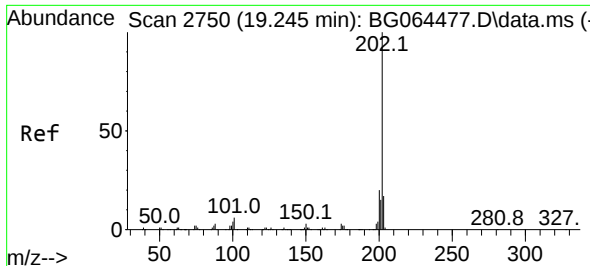
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#74  
 Di-n-butylphthalate  
 Concen: 42.948 ng  
 RT: 18.158 min Scan# 2565  
 Delta R.T. 0.002 min  
 Lab File: BG064477.D  
 Acq: 2 Oct 2025 12:14

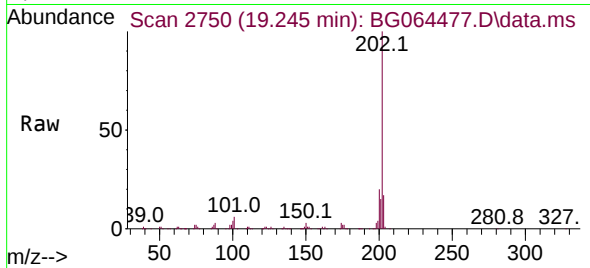
Tgt Ion:149 Resp: 325874  
 Ion Ratio Lower Upper  
 149 100  
 150 9.3 7.4 11.2  
 104 6.6 5.3 7.9





#75  
Fluoranthene  
Concen: 42.577 ng  
RT: 19.245 min Scan# 2750  
Delta R.T. 0.008 min  
Lab File: BG064477.D  
Acq: 2 Oct 2025 12:14

Instrument :  
BNA\_G  
ClientSampleId :  
SSTDICCC040



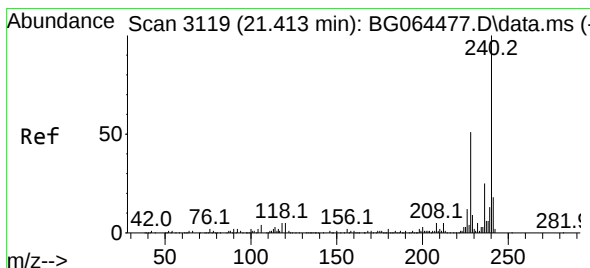
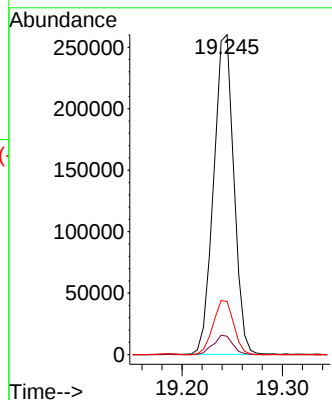
Tgt Ion:202 Resp: 364596  
Ion Ratio Lower Upper  
202 100  
101 5.7 0.0 25.7  
203 16.6 0.0 36.6

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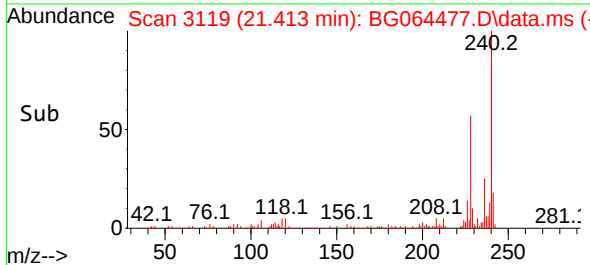
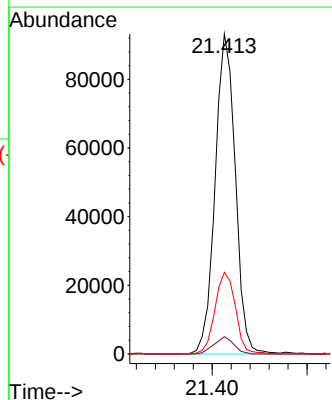
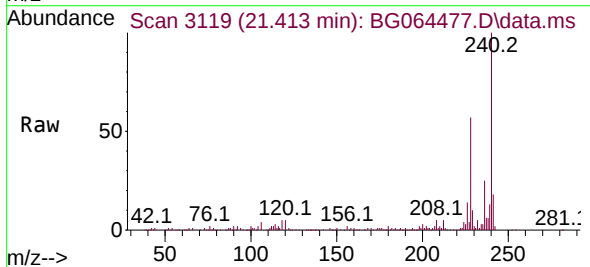
10/03/2025  
Supervised By :Jagrut  
Upadhyay

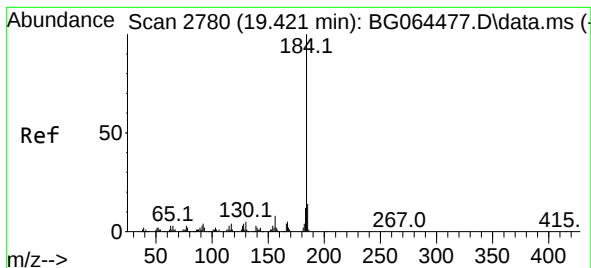
10/03/2025



#76  
Chrysene-d12  
Concen: 20.000 ng  
RT: 21.413 min Scan# 3119  
Delta R.T. 0.003 min  
Lab File: BG064477.D  
Acq: 2 Oct 2025 12:14

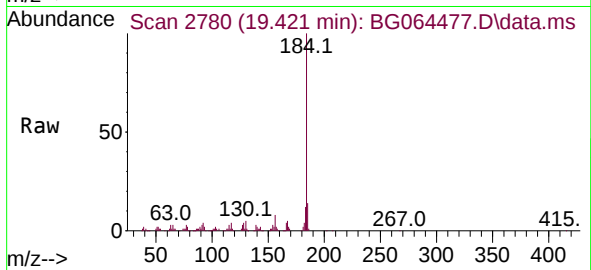
Tgt Ion:240 Resp: 137806  
Ion Ratio Lower Upper  
240 100  
120 5.4 4.3 6.5  
236 25.5 20.4 30.6





#77  
Benzidine  
Concen: 52.157 ng  
RT: 19.421 min Scan# 2780  
Delta R.T. -0.004 min  
Lab File: BG064477.D  
Acq: 2 Oct 2025 12:14

Instrument :  
BNA\_G  
ClientSampleId :  
SSTDICCC040



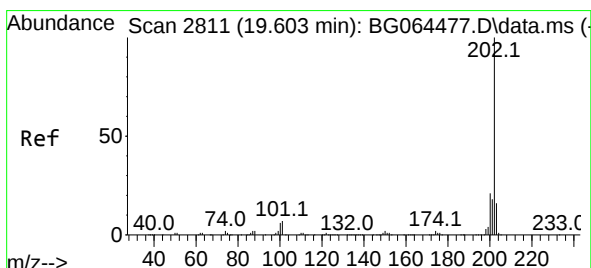
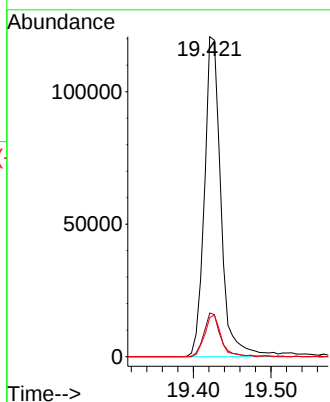
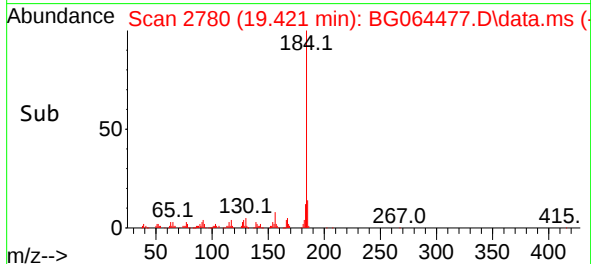
Tgt Ion:184 Resp: 178853  
Ion Ratio Lower Upper  
184 100  
185 13.6 10.9 16.3  
183 12.2 9.8 14.6

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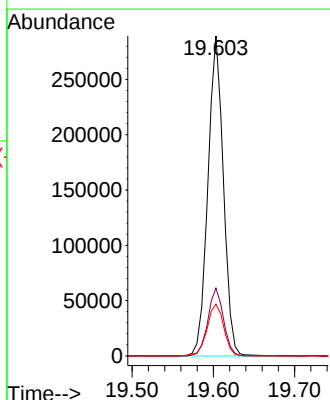
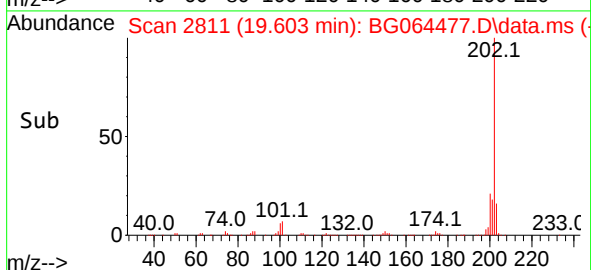
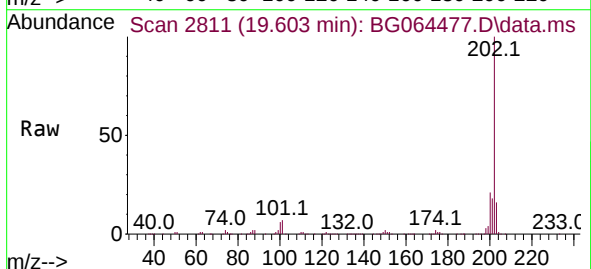
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Supervised By :Jagrut  
Upadhyay

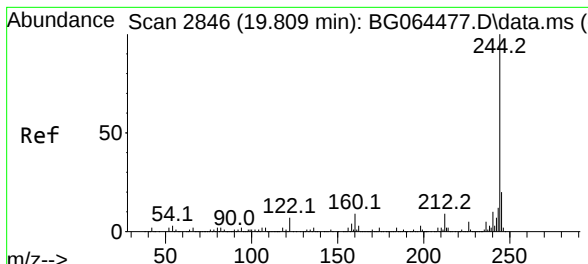
10/03/2025



#78  
Pyrene  
Concen: 42.890 ng  
RT: 19.603 min Scan# 2811  
Delta R.T. 0.002 min  
Lab File: BG064477.D  
Acq: 2 Oct 2025 12:14

Tgt Ion:202 Resp: 383571  
Ion Ratio Lower Upper  
202 100  
200 21.2 17.0 25.4  
203 16.2 13.0 19.4





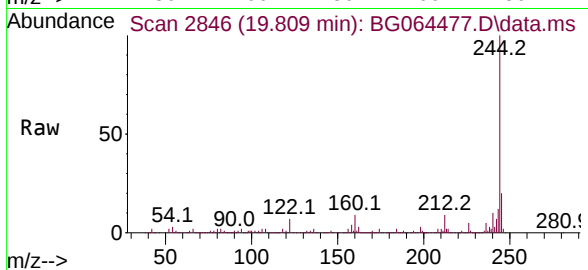
#79  
 Terphenyl-d14  
 Concen: 85.021 ng  
 RT: 19.809 min Scan# 2846  
 Delta R.T. 0.002 min  
 Lab File: BG064477.D  
 Acq: 2 Oct 2025 12:14

Instrument :

BNA\_G

ClientSampleId :

SSTDICCC040



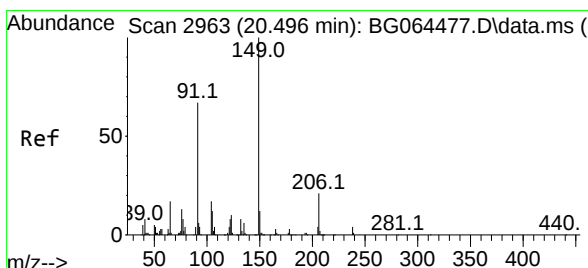
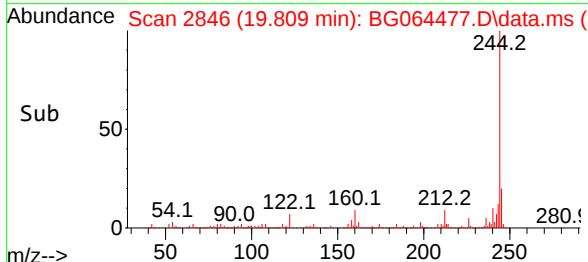
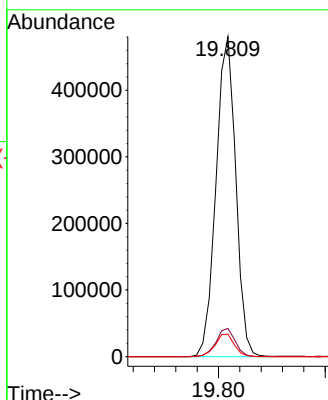
Tgt Ion:244 Resp: 619099  
 Ion Ratio Lower Upper  
 244 100  
 212 8.8 7.0 10.6  
 122 7.0 5.6 8.4

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 Chavli

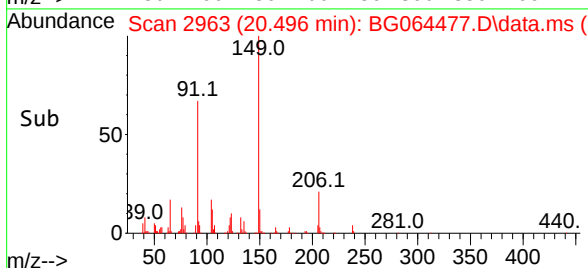
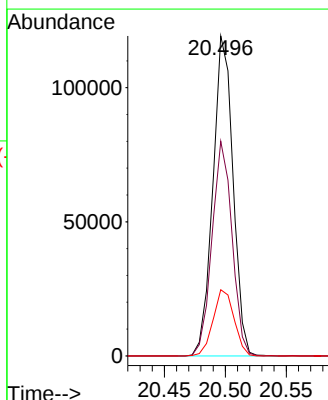
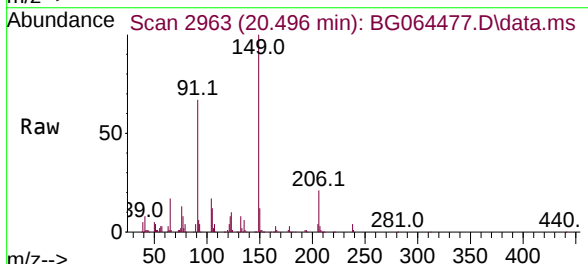
10/03/2025  
 Supervised By :Jagrut  
 Upadhyay

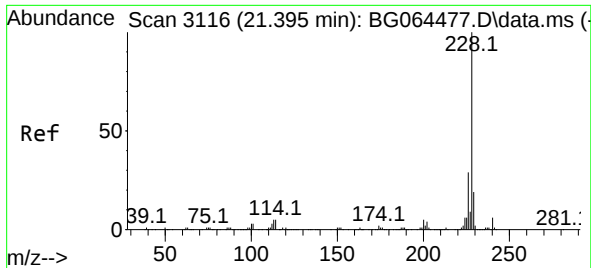
10/03/2025



#80  
 Butylbenzylphthalate  
 Concen: 43.202 ng  
 RT: 20.496 min Scan# 2963  
 Delta R.T. -0.003 min  
 Lab File: BG064477.D  
 Acq: 2 Oct 2025 12:14

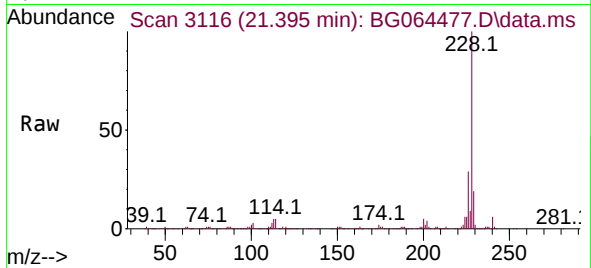
Tgt Ion:149 Resp: 136961  
 Ion Ratio Lower Upper  
 149 100  
 91 67.1 53.7 80.5  
 206 20.7 16.6 24.8





#81  
Benzo(a)anthracene  
Concen: 42.392 ng  
RT: 21.395 min Scan# 3116  
Delta R.T. 0.002 min  
Lab File: BG064477.D  
Acq: 2 Oct 2025 12:14

Instrument :  
BNA\_G  
ClientSampleId :  
SSTDICCC040



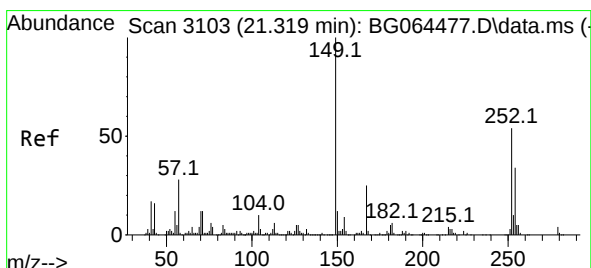
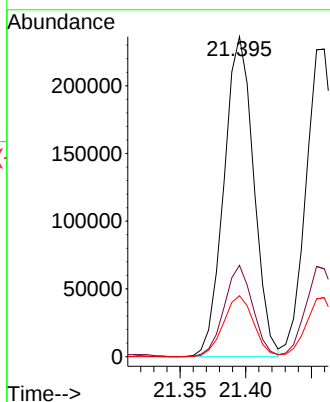
Tgt Ion:228 Resp: 373009  
Ion Ratio Lower Upper  
228 100  
226 28.5 22.8 34.2  
229 19.0 15.2 22.8

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Chavli

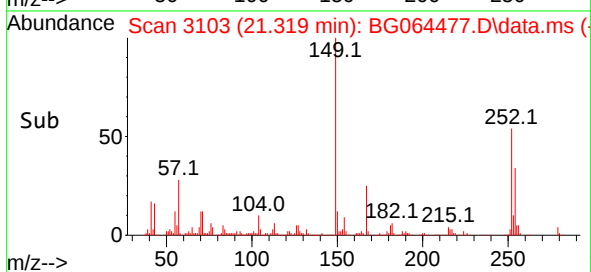
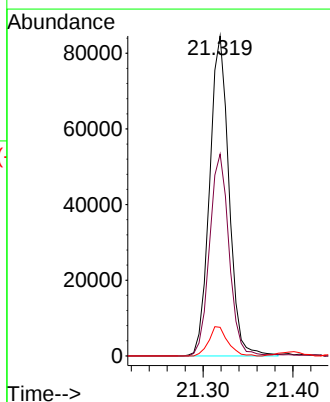
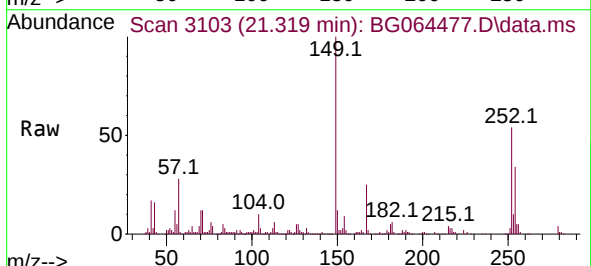
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Upadhyay

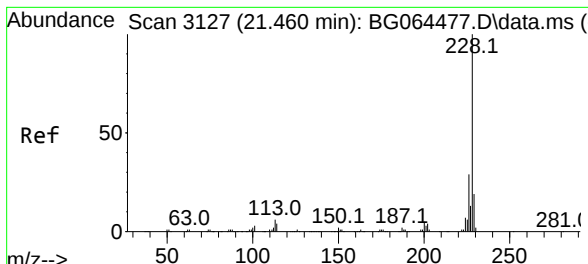
10/03/2025



#82  
3,3'-Dichlorobenzidine  
Concen: 42.345 ng  
RT: 21.319 min Scan# 3103  
Delta R.T. 0.002 min  
Lab File: BG064477.D  
Acq: 2 Oct 2025 12:14

Tgt Ion:252 Resp: 126107  
Ion Ratio Lower Upper  
252 100  
254 63.1 50.5 75.7  
126 8.9 7.1 10.7





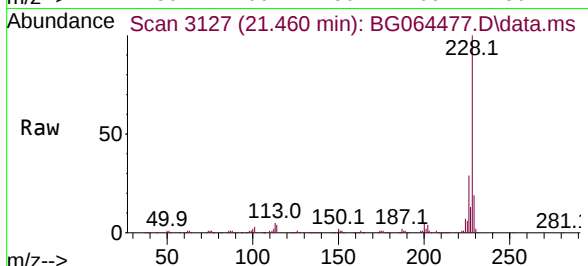
#83  
**Chrysene**  
 Concen: 42.849 ng  
 RT: 21.460 min Scan# 3127  
 Delta R.T. 0.008 min  
 Lab File: BG064477.D  
 Acq: 2 Oct 2025 12:14

Instrument :

BNA\_G

ClientSampleId :

SSTDICCC040



Tgt Ion: 228 Resp: 357552

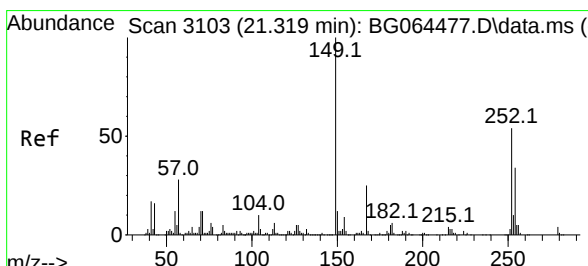
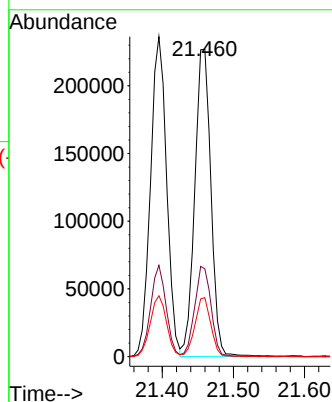
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 228 | 100   |       |       |
| 226 | 28.5  | 22.8  | 34.2  |
| 229 | 19.2  | 15.4  | 23.0  |

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Reviewed By :Rahul  
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10/03/2025  
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 Upadhyay

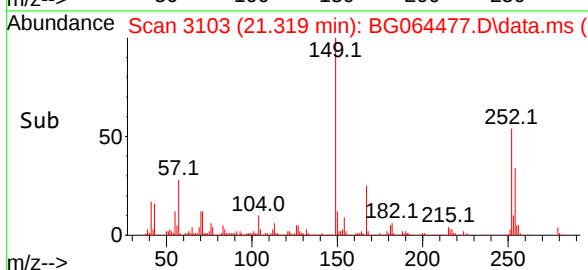
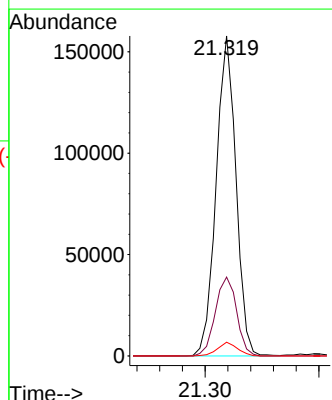
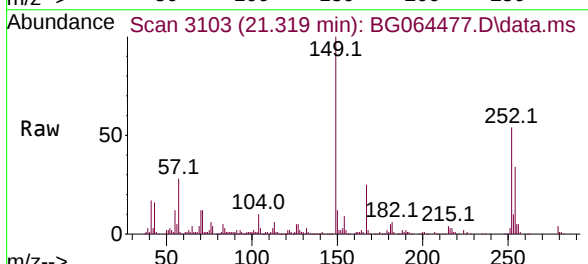
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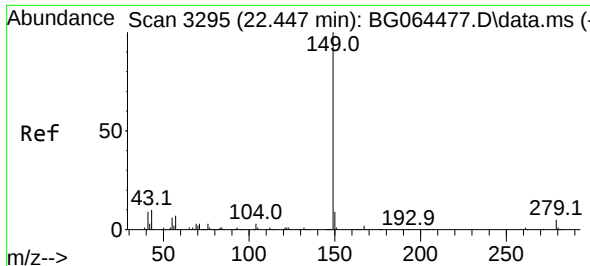


#84  
**Bis(2-ethylhexyl)phthalate**  
 Concen: 42.664 ng  
 RT: 21.319 min Scan# 3103  
 Delta R.T. 0.002 min  
 Lab File: BG064477.D  
 Acq: 2 Oct 2025 12:14

Tgt Ion: 149 Resp: 190838

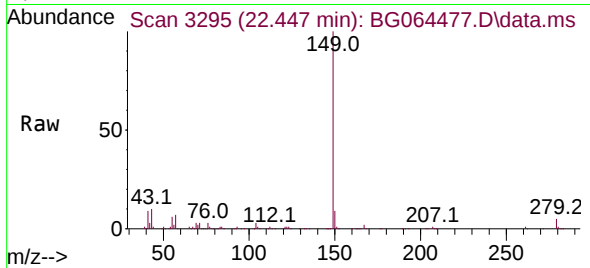
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 149 | 100   |       |       |
| 167 | 24.6  | 19.7  | 29.5  |
| 279 | 4.3   | 3.4   | 5.2   |





#85  
Di-n-octyl phthalate  
Concen: 42.277 ng  
RT: 22.447 min Scan# 31  
Delta R.T. 0.008 min  
Lab File: BG064477.D  
Acq: 2 Oct 2025 12:14

Instrument :  
BNA\_G  
ClientSampleId :  
SSTDICCC040



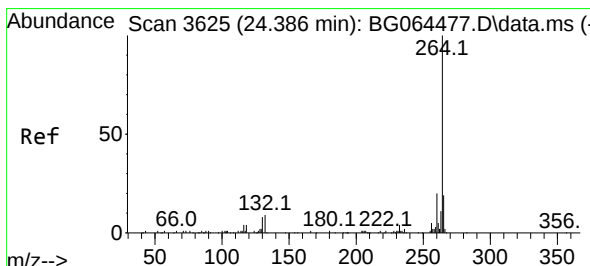
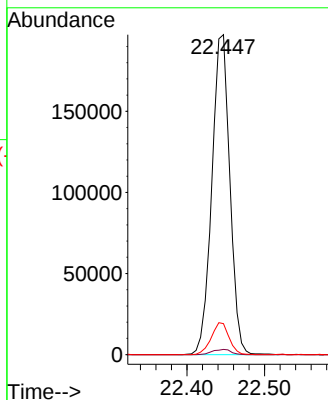
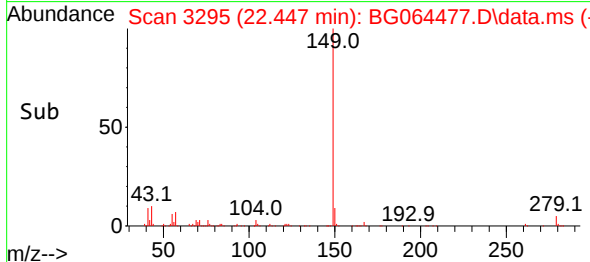
Tgt Ion:149 Resp: 317830  
Ion Ratio Lower Upper  
149 100  
167 1.7 1.4 2.0  
43 9.9 7.9 11.9

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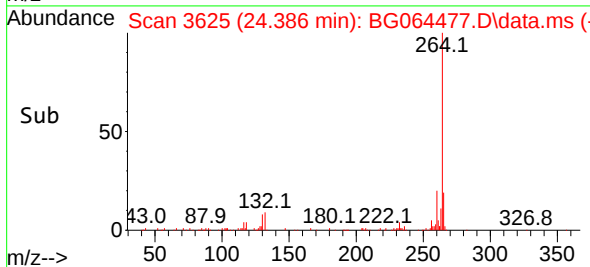
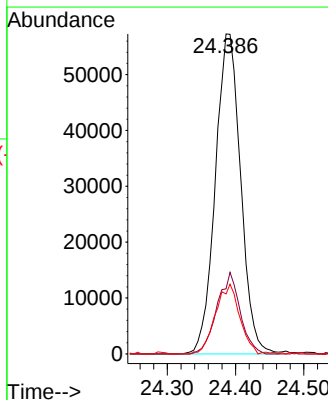
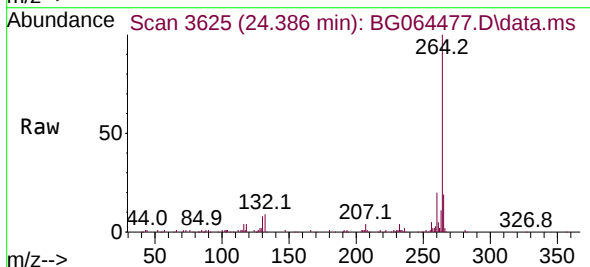
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Upadhyay

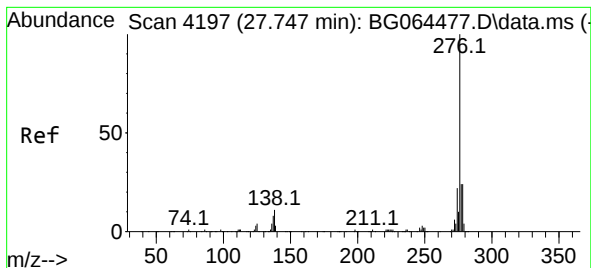
10/03/2025



#86  
Perylene-d12  
Concen: 20.000 ng  
RT: 24.386 min Scan# 3625  
Delta R.T. -0.003 min  
Lab File: BG064477.D  
Acq: 2 Oct 2025 12:14

Tgt Ion:264 Resp: 147142  
Ion Ratio Lower Upper  
264 100  
260 20.3 16.2 24.4  
265 18.7 15.0 22.4





#87

Indeno(1,2,3-cd)pyrene

Concen: 42.906 ng

RT: 27.747 min Scan# 4197

Delta R.T. 0.014 min

Lab File: BG064477.D

Acq: 2 Oct 2025 12:14

Instrument :

BNA\_G

ClientSampleId :

SSTDICCC040

Tgt Ion:276 Resp: 439448

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 276 | 100   |       |       |
| 138 | 13.5  | 10.8  | 16.2  |
| 277 | 25.4  | 20.3  | 30.5  |

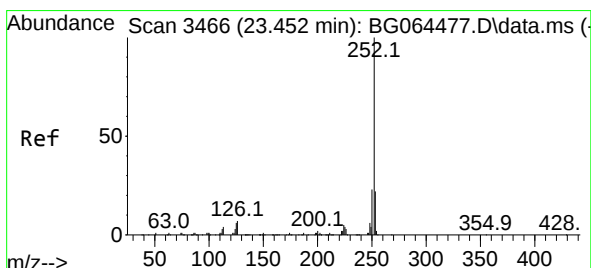
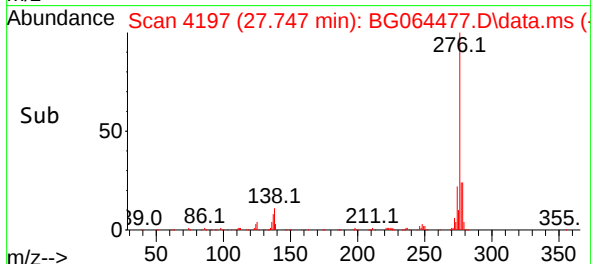
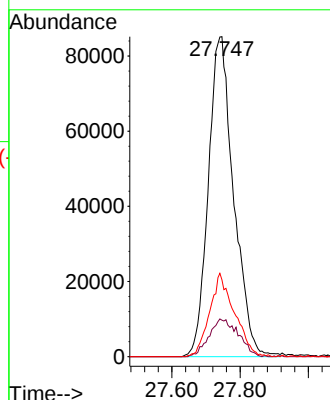
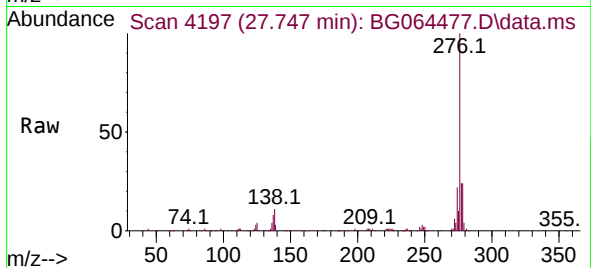
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Chavli

10/03/2025

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Upadhyay

10/03/2025



#88

Benzo(b)fluoranthene

Concen: 42.621 ng

RT: 23.452 min Scan# 3466

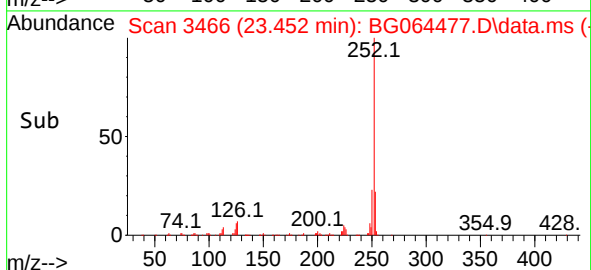
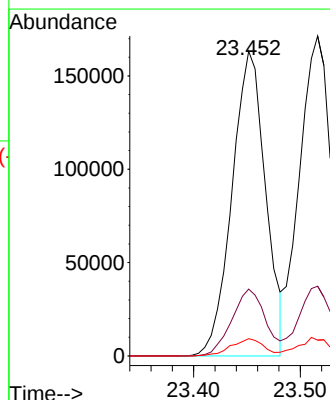
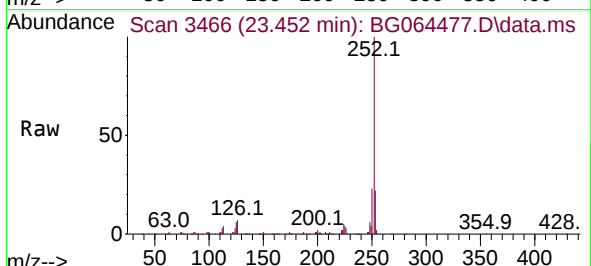
Delta R.T. 0.002 min

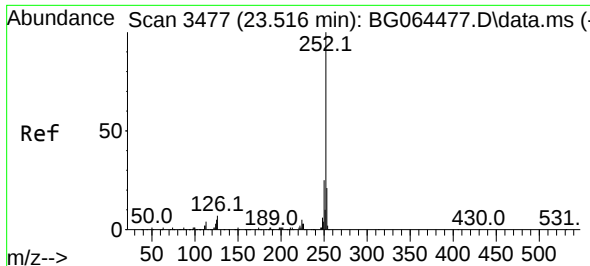
Lab File: BG064477.D

Acq: 2 Oct 2025 12:14

Tgt Ion:252 Resp: 356780

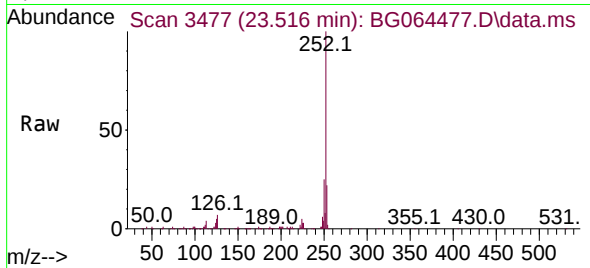
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 252 | 100   |       |       |
| 253 | 21.9  | 17.5  | 26.3  |
| 125 | 5.6   | 4.5   | 6.7   |





#89  
Benzo(k)fluoranthene  
Concen: 43.050 ng  
RT: 23.516 min Scan# 3477  
Delta R.T. 0.008 min  
Lab File: BG064477.D  
Acq: 2 Oct 2025 12:14

Instrument :  
BNA\_G  
ClientSampleId :  
SSTDICCC040



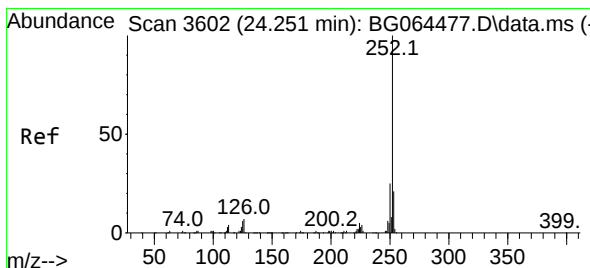
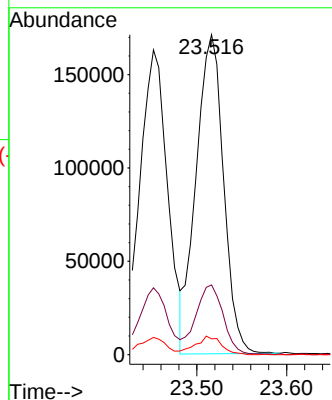
Tgt Ion:252 Resp: 362948  
Ion Ratio Lower Upper  
252 100  
253 21.8 17.4 26.2  
125 5.0 4.0 6.0

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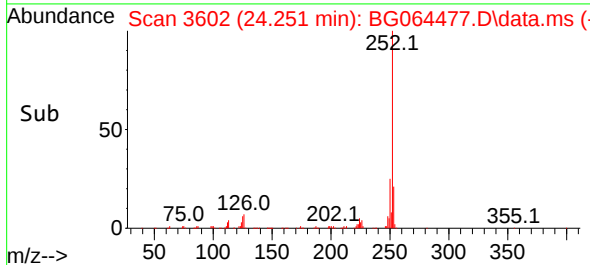
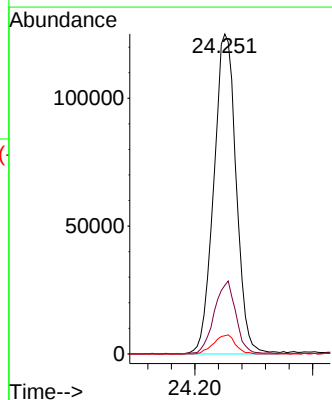
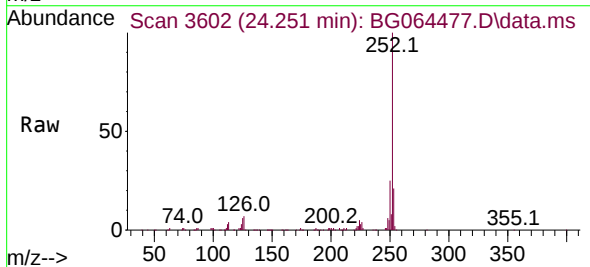
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Supervised By :Jagrut  
Upadhyay

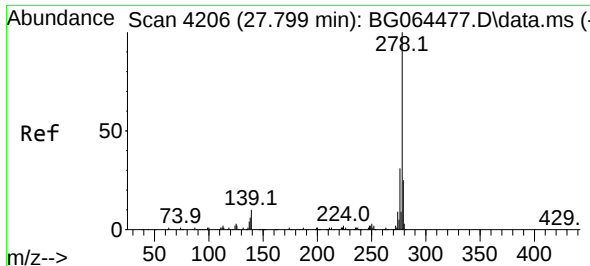
10/03/2025



#90  
Benzo(a)pyrene  
Concen: 42.800 ng  
RT: 24.251 min Scan# 3602  
Delta R.T. 0.002 min  
Lab File: BG064477.D  
Acq: 2 Oct 2025 12:14

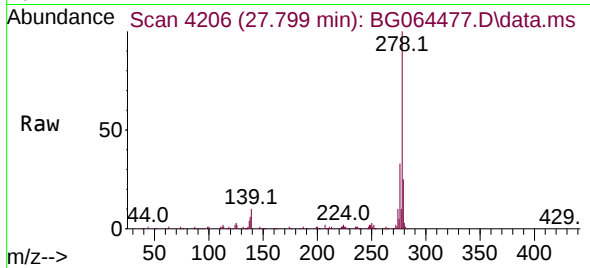
Tgt Ion:252 Resp: 330197  
Ion Ratio Lower Upper  
252 100  
253 21.4 17.1 25.7  
125 5.7 4.6 6.8





#91  
Dibenzo(a,h)anthracene  
Concen: 42.755 ng  
RT: 27.799 min Scan# 4206  
Delta R.T. 0.020 min  
Lab File: BG064477.D  
Acq: 2 Oct 2025 12:14

Instrument :  
BNA\_G  
ClientSampleId :  
SSTDICCC040



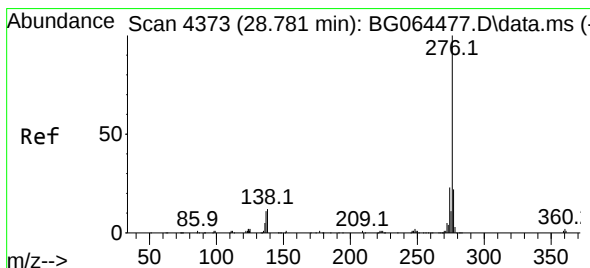
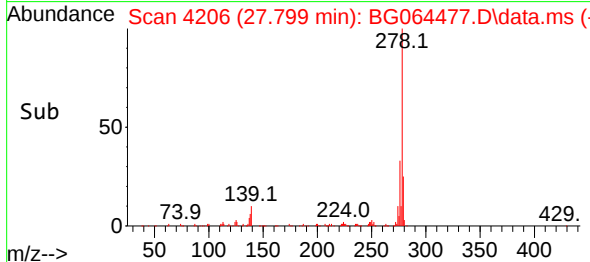
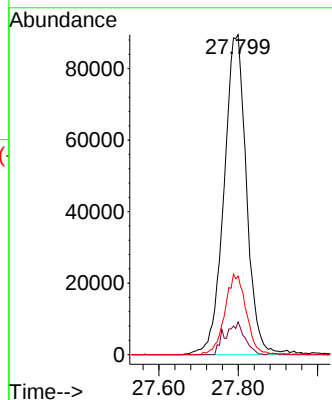
Tgt Ion:278 Resp: 350192  
Ion Ratio Lower Upper  
278 100  
139 10.2 8.2 12.2  
279 24.5 19.6 29.4

Manual Integrations  
APPROVED

Reviewed By :Rahul  
Chavli

10/03/2025  
Supervised By :Jagrut  
Upadhyay

10/03/2025



#92  
Benzo(g,h,i)perylene  
Concen: 42.613 ng  
RT: 28.781 min Scan# 4373  
Delta R.T. 0.014 min  
Lab File: BG064477.D  
Acq: 2 Oct 2025 12:14

Tgt Ion:276 Resp: 339180  
Ion Ratio Lower Upper  
276 100  
277 22.2 17.8 26.6  
138 11.7 9.4 14.0

