

Data Path : Z:\svoasrv\HPCHEM1\BNA\_P\Data\BP082725\  
 Data File : BP025603.D  
 Acq On : 27 Aug 2025 15:00  
 Operator : CG/JU  
 Sample : Q2924-04MSD  
 Misc :  
 ALS Vial : 9 Sample Multiplier: 1

Instrument :  
 BNA\_P  
 ClientSampleId :  
 MW-201-082025MSD

Manual Integrations  
 APPROVED

Reviewed By :Rahul Chavli 08/28/2025  
 Supervised By :Jagrut Upadhyay 08/28/2025

Quant Time: Aug 27 15:23:21 2025  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_P\Methods\8270E-BP081425.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Thu Aug 14 18:14:31 2025  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response  | Conc     | Units | Dev(Min) |
|-------------------------------|--------|------|-----------|----------|-------|----------|
| -----                         |        |      |           |          |       |          |
| Internal Standards            |        |      |           |          |       |          |
| 1) 1,4-Dichlorobenzene-d4     | 7.778  | 152  | 165573    | 20.000   | ng    | -0.02    |
| 21) Naphthalene-d8            | 10.566 | 136  | 358938m   | 20.000   | ng    | 0.00     |
| 39) Acenaphthene-d10          | 14.401 | 164  | 417829    | 20.000   | ng    | 0.00     |
| 64) Phenanthrene-d10          | 17.201 | 188  | 814298    | 20.000   | ng    | 0.00     |
| 76) Chrysene-d12              | 21.636 | 240  | 887974    | 20.000   | ng    | -0.01    |
| 86) Perylene-d12              | 25.007 | 264  | 1057493   | 20.000   | ng    | -0.02    |
| System Monitoring Compounds   |        |      |           |          |       |          |
| 5) 2-Fluorophenol             | 5.414  | 112  | 671751    | 67.377   | ng    | 0.00     |
| 7) Phenol-d6                  | 6.972  | 99   | 529341    | 41.411   | ng    | 0.00     |
| 23) Nitrobenzene-d5           | 8.925  | 82   | 1058184   | 149.131  | ng    | -0.01    |
| 42) 2,4,6-Tribromophenol      | 15.913 | 330  | 757775    | 134.739  | ng    | 0.00     |
| 45) 2-Fluorobiphenyl          | 13.007 | 172  | 2386494   | 78.060   | ng    | -0.01    |
| 79) Terphenyl-d14             | 19.919 | 244  | 3697065   | 76.174   | ng    | 0.00     |
| Target Compounds              |        |      |           |          |       |          |
|                               |        |      |           |          |       | Qvalue   |
| 2) 1,4-Dioxane                | 3.320  | 88   | 80709     | 20.667   | ng    | 99       |
| 3) Pyridine                   | 3.725  | 79   | 202156    | 18.912   | ng    | 95       |
| 4) n-Nitrosodimethylamine     | 3.631  | 42   | 105107    | 23.851   | ng    | 96       |
| 6) Aniline                    | 7.113  | 93   | 412121    | 23.929   | ng    | 97       |
| 8) 2-Chlorophenol             | 7.360  | 128  | 422887    | 37.587   | ng    | 97       |
| 9) Benzaldehyde               | 6.931  | 77   | 320616    | 35.801   | ng    | # 1      |
| 10) Phenol                    | 6.996  | 94   | 209480    | 15.618   | ng    | 89       |
| 11) bis(2-Chloroethyl)ether   | 7.213  | 93   | 438912    | 41.984   | ng    | # 81     |
| 12) 1,3-Dichlorobenzene       | 7.672  | 146  | 417263    | 33.634   | ng    | 98       |
| 13) 1,4-Dichlorobenzene       | 7.813  | 146  | 431205    | 34.006   | ng    | 98       |
| 14) 1,2-Dichlorobenzene       | 8.131  | 146  | 424297    | 34.567   | ng    | 99       |
| 15) Benzyl Alcohol            | 8.037  | 79   | 309179    | 30.441   | ng    | 97       |
| 16) 2,2'-oxybis(1-Chloropr... | 8.319  | 45   | 244473    | 17.457   | ng    | # 57     |
| 17) 2-Methylphenol            | 8.243  | 107  | 305694    | 32.816   | ng    | 98       |
| 18) Hexachloroethane          | 8.866  | 117  | 429233    | 92.067   | ng    | # 53     |
| 19) n-Nitroso-di-n-propyla... | 8.578  | 70   | 347670    | 41.062   | ng    | 99       |
| 20) 3+4-Methylphenols         | 8.543  | 107  | 511394    | 39.604   | ng    | 99       |
| 22) Acetophenone              | 8.590  | 105  | 774732    | 86.068   | ng    | 98       |
| 24) Nitrobenzene              | 8.966  | 77   | 536503    | 84.602   | ng    | 98       |
| 25) Isophorone                | 9.507  | 82   | 1014281   | 80.771   | ng    | 98       |
| 26) 2-Nitrophenol             | 9.672  | 139  | 279469    | 85.872   | ng    | 99       |
| 27) 2,4-Dimethylphenol        | 9.749  | 122  | 417062    | 74.518   | ng    | 97       |
| 28) bis(2-Chloroethoxy)met... | 9.984  | 93   | 542429    | 71.459   | ng    | 97       |
| 29) 2,4-Dichlorophenol        | 10.231 | 162  | 449299    | 80.812   | ng    | 99       |
| 30) 1,2,4-Trichlorobenzene    | 10.443 | 180  | 470127    | 77.137   | ng    | 98       |
| 31) Naphthalene               | 10.607 | 128  | 53257232m | 2854.698 | ng    |          |
| 32) Benzoic acid              | 9.872  | 122  | 130466    | 31.575   | ng    | 99       |
| 33) 4-Chloroaniline           | 10.713 | 127  | 245084m   | 29.741   | ng    |          |
| 34) Hexachlorobutadiene       | 10.884 | 225  | 269655    | 71.043   | ng    | 97       |
| 35) Caprolactam               | 11.507 | 113  | 33012     | 16.193   | ng    | 92       |
| 36) 4-Chloro-3-methylphenol   | 11.837 | 107  | 481225    | 75.431   | ng    | 91       |
| 37) 2-Methylnaphthalene       | 12.219 | 142  | 9833822   | 809.982  | ng    | 97       |
| 38) 1-Methylnaphthalene       | 12.431 | 142  | 6970742   | 539.898  | ng    | 99       |
| 40) 1,2,4,5-Tetrachloroben... | 12.572 | 216  | 570448    | 47.272   | ng    | 99       |
| 41) Hexachlorocyclopentadiene | 12.554 | 237  | 532370    | 73.036   | ng    | 99       |
| 43) 2,4,6-Trichlorophenol     | 12.819 | 196  | 388583    | 47.698   | ng    | 99       |

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 Sample : Q2924-04MSD  
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Instrument :  
 BNA\_P  
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Manual Integrations  
 APPROVED

Reviewed By :Rahul Chavli 08/28/2025  
 Supervised By :Jagrut Upadhyay 08/28/2025

Quant Time: Aug 27 15:23:21 2025  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_P\Methods\8270E-BP081425.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Thu Aug 14 18:14:31 2025  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc    | Units | Dev(Min) |
|-------------------------------|--------|------|----------|---------|-------|----------|
| 44) 2,4,5-Trichlorophenol     | 12.901 | 196  | 423357   | 47.415  | ng    | 97       |
| 46) 1,1'-Biphenyl             | 13.219 | 154  | 2017741  | 66.493  | ng    | 99       |
| 47) 2-Chloronaphthalene       | 13.260 | 162  | 1096677  | 46.423  | ng    | 98       |
| 48) 2-Nitroaniline            | 13.466 | 65   | 352640   | 51.231  | ng    | 99       |
| 49) Acenaphthylene            | 14.125 | 152  | 6895606  | 176.403 | ng    | 99       |
| 50) Dimethylphthalate         | 13.842 | 163  | 1390812  | 45.456  | ng    | 99       |
| 51) 2,6-Dinitrotoluene        | 13.960 | 165  | 314131   | 48.710  | ng    | 92       |
| 52) Acenaphthene              | 14.466 | 154  | 1167251  | 50.872  | ng    | 100      |
| 53) 3-Nitroaniline            | 14.295 | 138  | 223346   | 30.782  | ng    | 94       |
| 54) 2,4-Dinitrophenol         | 14.513 | 184  | 383271   | 111.288 | ng    | 98       |
| 55) Dibenzofuran              | 14.807 | 168  | 1764171  | 48.631  | ng    | 98       |
| 56) 4-Nitrophenol             | 14.642 | 139  | 241694   | 40.537  | ng    | 92       |
| 57) 2,4-Dinitrotoluene        | 14.766 | 165  | 458819   | 49.866  | ng    | 96       |
| 58) Fluorene                  | 15.460 | 166  | 1850230  | 64.638  | ng    | 100      |
| 59) 2,3,4,6-Tetrachlorophenol | 15.037 | 232  | 379145   | 48.091  | ng    | 99       |
| 60) Diethylphthalate          | 15.231 | 149  | 1443076  | 46.416  | ng    | 100      |
| 61) 4-Chlorophenyl-phenyle... | 15.460 | 204  | 655680   | 46.058  | ng    | 96       |
| 62) 4-Nitroaniline            | 15.484 | 138  | 349130   | 46.936  | ng    | 95       |
| 63) Azobenzene                | 15.754 | 77   | 1311741  | 49.274  | ng    | 98       |
| 65) 4,6-Dinitro-2-methylph... | 15.548 | 198  | 268592   | 52.915  | ng    | 96       |
| 66) n-Nitrosodiphenylamine    | 15.666 | 169  | 1192328  | 48.017  | ng    | 100      |
| 67) 4-Bromophenyl-phenylether | 16.366 | 248  | 442265   | 49.383  | ng    | 95       |
| 68) Hexachlorobenzene         | 16.489 | 284  | 516257   | 49.728  | ng    | 98       |
| 69) Atrazine                  | 16.654 | 200  | 428690   | 46.099  | ng    | 99       |
| 70) Pentachlorophenol         | 16.848 | 266  | 659376   | 100.616 | ng    | 97       |
| 71) Phenanthrene              | 17.242 | 178  | 2855159  | 63.828  | ng    | 99       |
| 72) Anthracene                | 17.336 | 178  | 2308905  | 50.545  | ng    | 99       |
| 73) Carbazole                 | 17.619 | 167  | 2594549  | 60.300  | ng    | 99       |
| 74) Di-n-butylphthalate       | 18.207 | 149  | 2643612  | 49.938  | ng    | 100      |
| 75) Fluoranthene              | 19.325 | 202  | 2617503  | 49.056  | ng    | 99       |
| 77) Benzidine                 | 19.513 | 184  | 785899   | 25.933  | ng    | 100      |
| 78) Pyrene                    | 19.701 | 202  | 2744373  | 47.550  | ng    | 100      |
| 80) Butylbenzylphthalate      | 20.636 | 149  | 1291637  | 49.379  | ng    | 98       |
| 81) Benzo(a)anthracene        | 21.619 | 228  | 2778578  | 47.447  | ng    | 99       |
| 82) 3,3'-Dichlorobenzidine    | 21.530 | 252  | 910515   | 41.249  | ng    | 99       |
| 83) Chrysene                  | 21.683 | 228  | 2668181  | 48.651  | ng    | 99       |
| 84) Bis(2-ethylhexyl)phtha... | 21.554 | 149  | 1818319  | 47.223  | ng    | 100      |
| 85) Di-n-octyl phthalate      | 22.836 | 149  | 3269105  | 49.360  | ng    | 99       |
| 87) Indeno(1,2,3-cd)pyrene    | 28.836 | 276  | 3751770  | 48.377  | ng    | # 91     |
| 88) Benzo(b)fluoranthene      | 23.948 | 252  | 2986627  | 47.895  | ng    | 98       |
| 89) Benzo(k)fluoranthene      | 24.024 | 252  | 2942937  | 47.163  | ng    | 99       |
| 90) Benzo(a)pyrene            | 24.854 | 252  | 2870696  | 47.293  | ng    | 99       |
| 91) Dibenzo(a,h)anthracene    | 28.924 | 278  | 3109637  | 49.066  | ng    | 98       |
| 92) Benzo(g,h,i)perylene      | 30.042 | 276  | 2995786  | 48.088  | ng    | 98       |

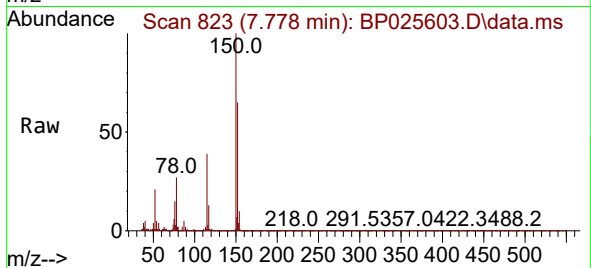
(#) = qualifier out of range (m) = manual integration (+) = signals summed





#1  
1,4-Dichlorobenzene-d4  
Concen: 20.000 ng  
RT: 7.778 min Scan# 81  
Delta R.T. -0.018 min  
Lab File: BP025603.D  
Acq: 27 Aug 2025 15:00

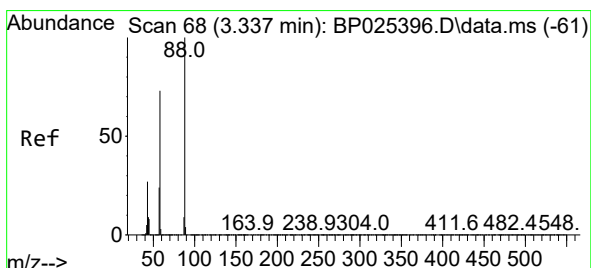
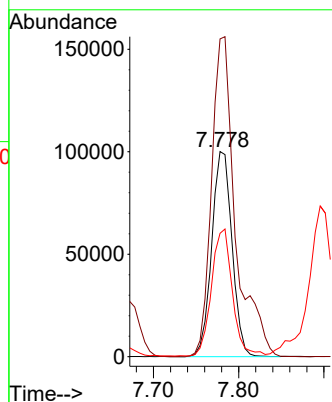
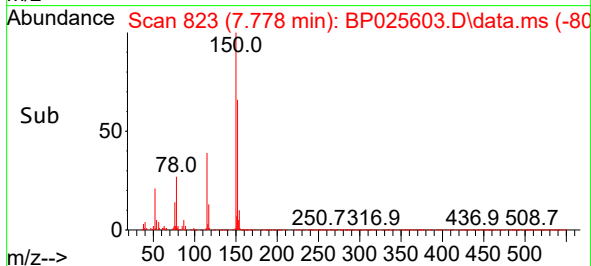
Instrument :  
BNA\_P  
ClientSampleId :  
MW-201-082025MSD



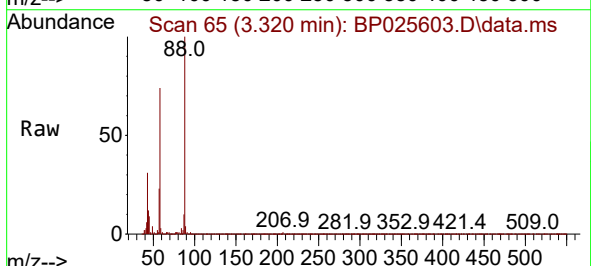
Tgt Ion:152 Resp: 16557  
Ion Ratio Lower Upper  
152 100  
150 154.9 125.9 188.9  
115 60.1 48.5 72.7

Manual Integrations  
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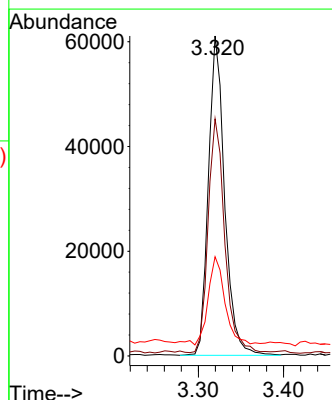
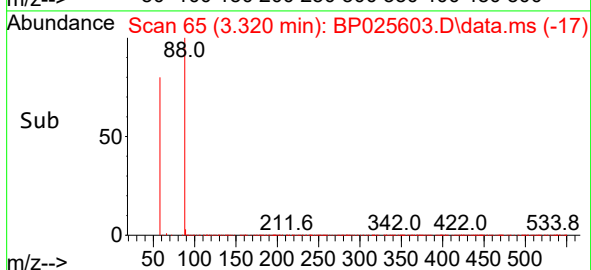
Reviewed By :Rahul Chavli 08/28/2025  
Supervised By :Jagrut Upadhyay 08/28/2025



#2  
1,4-Dioxane  
Concen: 20.667 ng  
RT: 3.320 min Scan# 65  
Delta R.T. -0.018 min  
Lab File: BP025603.D  
Acq: 27 Aug 2025 15:00



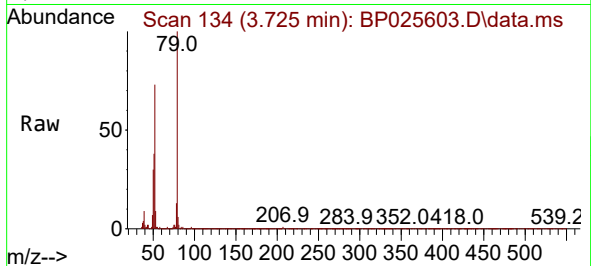
Tgt Ion: 88 Resp: 80709  
Ion Ratio Lower Upper  
88 100  
58 74.6 59.2 88.8  
43 28.5 21.7 32.5





#3  
Pyridine  
Concen: 18.912 ng  
RT: 3.725 min Scan# 11  
Delta R.T. -0.006 min  
Lab File: BP025603.D  
Acq: 27 Aug 2025 15:00

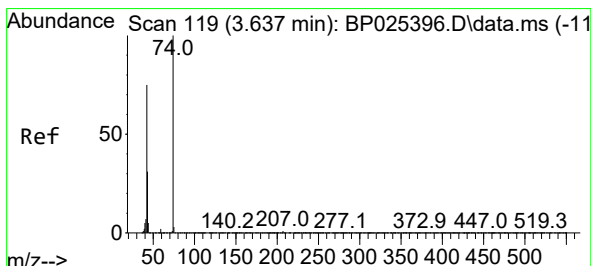
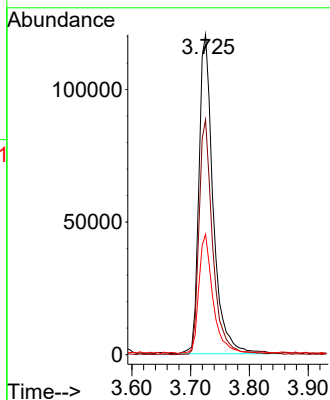
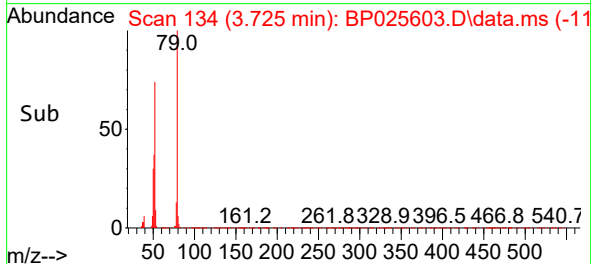
Instrument :  
BNA\_P  
ClientSampleId :  
MW-201-082025MSD



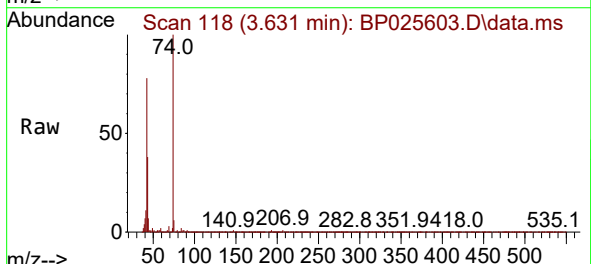
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Ion Ratio Lower Upper  
79 100  
52 73.5 55.5 83.3  
51 37.6 28.3 42.5

Manual Integrations  
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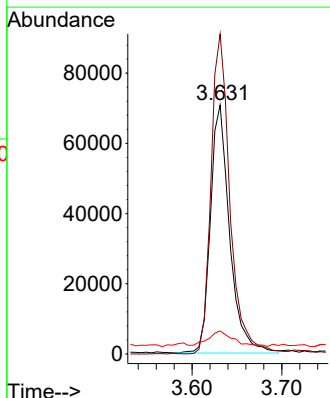
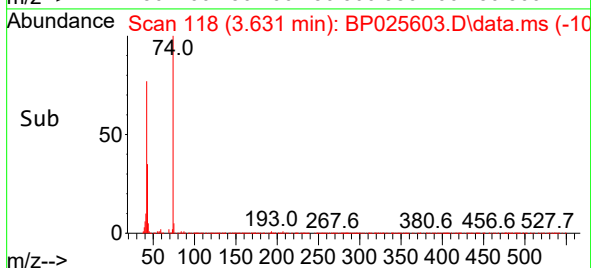
Reviewed By :Rahul Chavli 08/28/2025  
Supervised By :Jagrut Upadhyay 08/28/2025

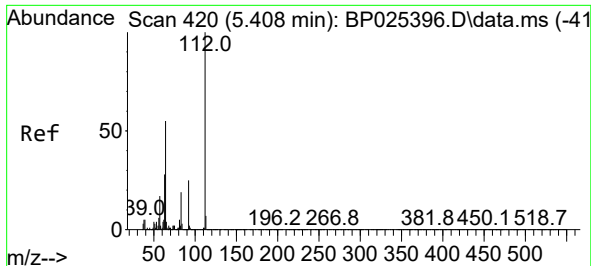


#4  
n-Nitrosodimethylamine  
Concen: 23.851 ng  
RT: 3.631 min Scan# 118  
Delta R.T. -0.006 min  
Lab File: BP025603.D  
Acq: 27 Aug 2025 15:00



Tgt Ion: 42 Resp: 105107  
Ion Ratio Lower Upper  
42 100  
74 128.5 107.0 160.4  
44 9.2 6.2 9.4





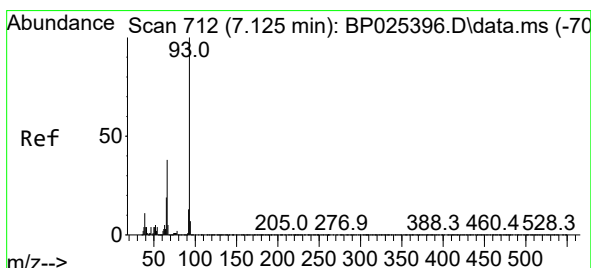
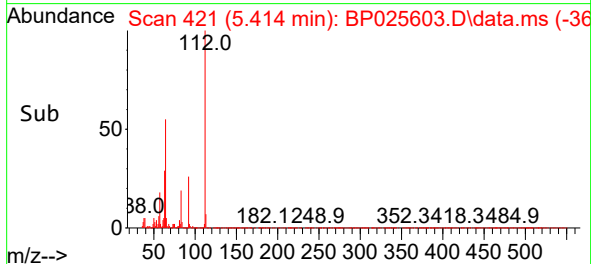
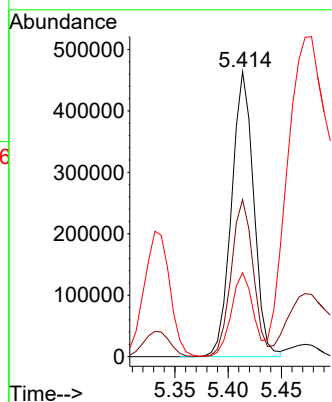
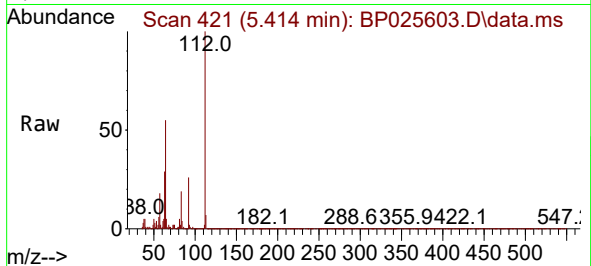
#5  
2-Fluorophenol  
Concen: 67.377 ng  
RT: 5.414 min Scan# 41  
Delta R.T. 0.006 min  
Lab File: BP025603.D  
Acq: 27 Aug 2025 15:00

Instrument :  
BNA\_P  
ClientSampleId :  
MW-201-082025MSD

Tgt Ion:112 Resp: 67175  
Ion Ratio Lower Upper  
112 100  
64 55.1 43.8 65.8  
63 29.5 22.7 34.1

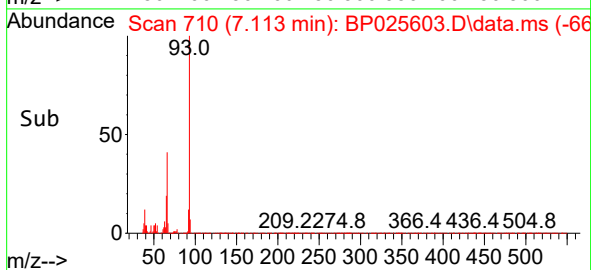
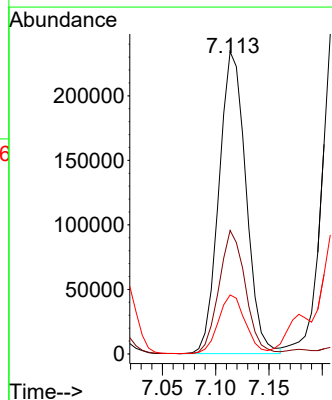
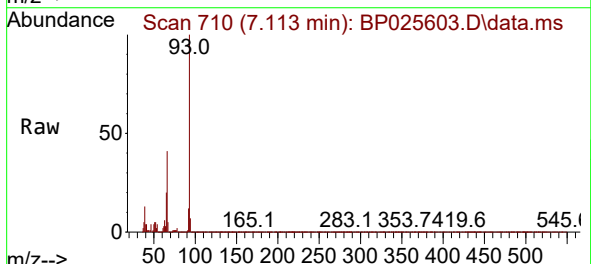
Manual Integrations  
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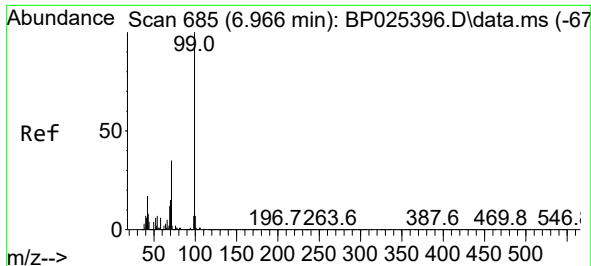
Reviewed By :Rahul Chavli 08/28/2025  
Supervised By :Jagrut Upadhyay 08/28/2025



#6  
Aniline  
Concen: 23.929 ng  
RT: 7.113 min Scan# 710  
Delta R.T. -0.012 min  
Lab File: BP025603.D  
Acq: 27 Aug 2025 15:00

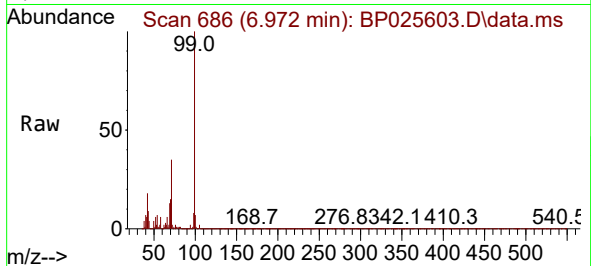
Tgt Ion: 93 Resp: 412121  
Ion Ratio Lower Upper  
93 100  
66 40.9 30.4 45.6  
65 19.5 15.3 22.9





#7  
Phenol-d6  
Concen: 41.411 ng  
RT: 6.972 min Scan# 685  
Delta R.T. 0.006 min  
Lab File: BP025603.D  
Acq: 27 Aug 2025 15:00

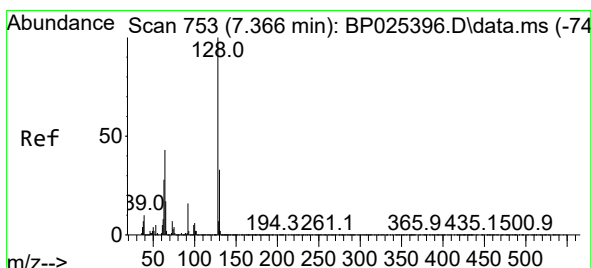
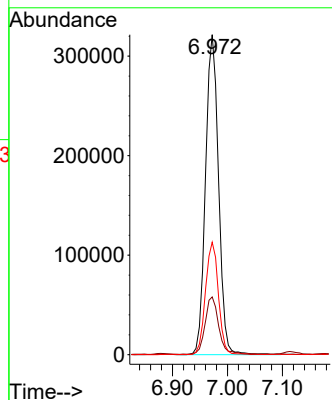
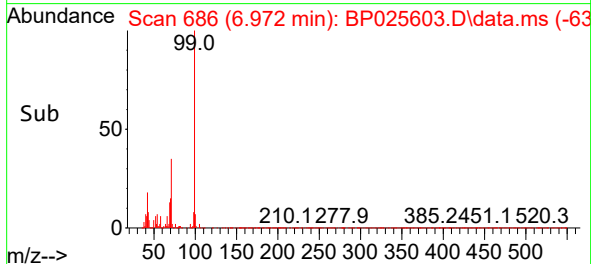
Instrument :  
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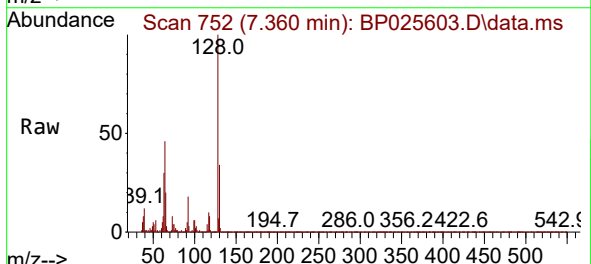
Tgt Ion: 99 Resp: 52934  
Ion Ratio Lower Upper  
99 100  
42 18.1 13.7 20.5  
71 35.1 28.2 42.4

Manual Integrations  
APPROVED

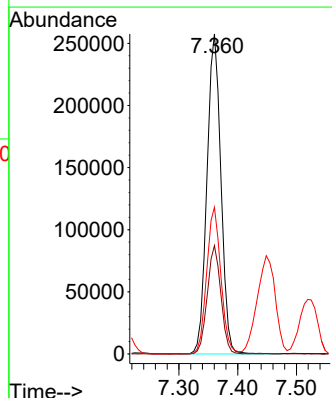
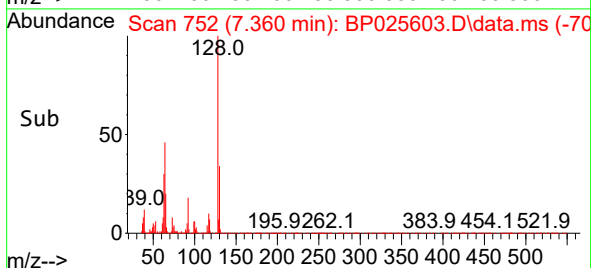
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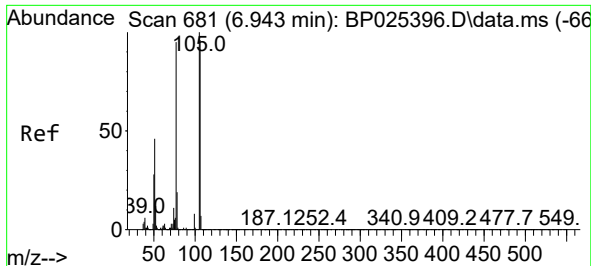


#8  
2-Chlorophenol  
Concen: 37.587 ng  
RT: 7.360 min Scan# 752  
Delta R.T. -0.006 min  
Lab File: BP025603.D  
Acq: 27 Aug 2025 15:00



Tgt Ion:128 Resp: 422887  
Ion Ratio Lower Upper  
128 100  
130 33.8 12.6 52.6  
64 45.9 23.4 63.4





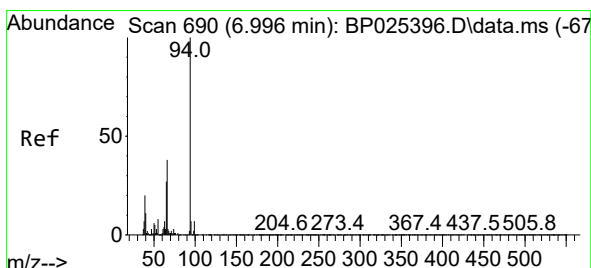
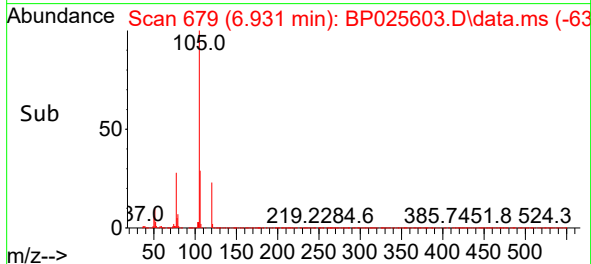
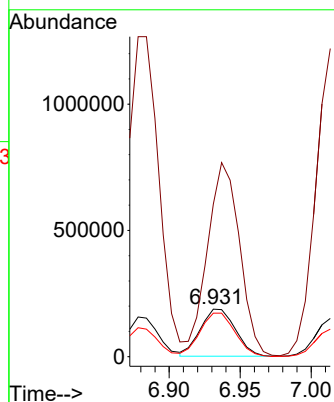
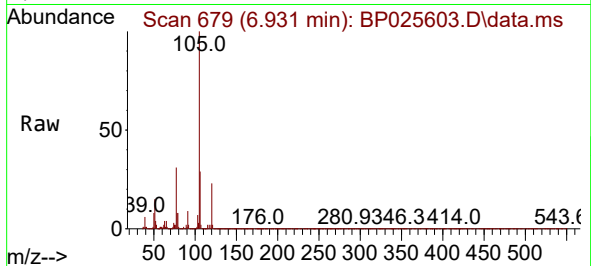
#9  
Benzaldehyde  
Concen: 35.801 ng  
RT: 6.931 min Scan# 61  
Delta R.T. -0.012 min  
Lab File: BP025603.D  
Acq: 27 Aug 2025 15:00

Instrument :  
BNA\_P  
ClientSampleId :  
MW-201-082025MSD

Tgt Ion: 77 Resp: 320610  
Ion Ratio Lower Upper  
77 100  
105 320.5 84.8 124.8  
106 91.5 80.5 120.5

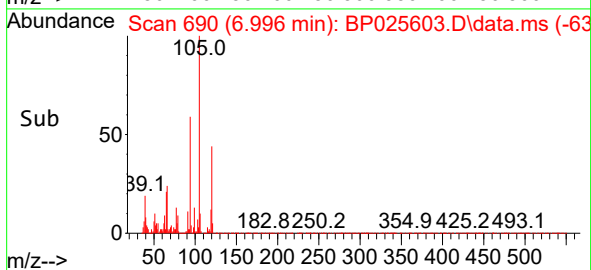
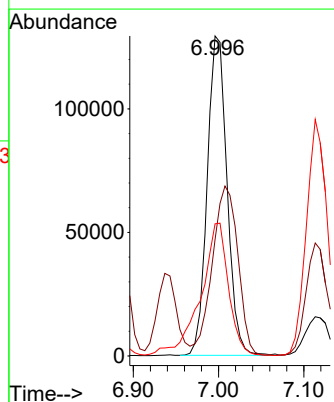
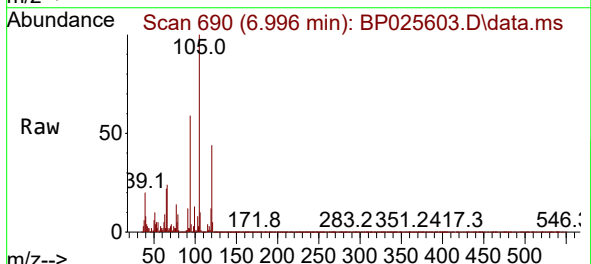
Manual Integrations  
APPROVED

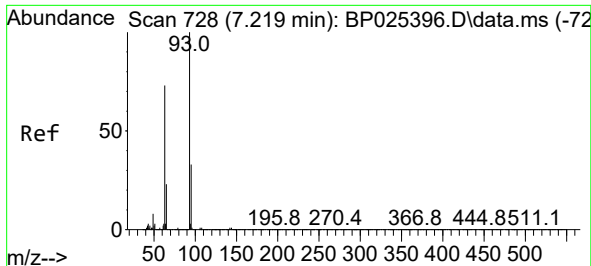
Reviewed By :Rahul Chavli 08/28/2025  
Supervised By :Jagrut Upadhyay 08/28/2025



#10  
Phenol  
Concen: 15.618 ng  
RT: 6.996 min Scan# 690  
Delta R.T. 0.000 min  
Lab File: BP025603.D  
Acq: 27 Aug 2025 15:00

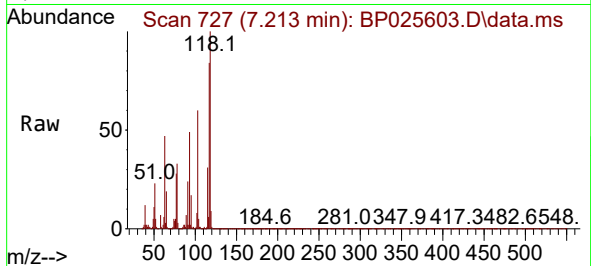
Tgt Ion: 94 Resp: 209480  
Ion Ratio Lower Upper  
94 100  
65 36.5 6.8 46.8  
66 41.3 18.2 58.2





#11  
bis(2-Chloroethyl)ether  
Concen: 41.984 ng  
RT: 7.213 min Scan# 71  
Delta R.T. -0.006 min  
Lab File: BP025603.D  
Acq: 27 Aug 2025 15:00

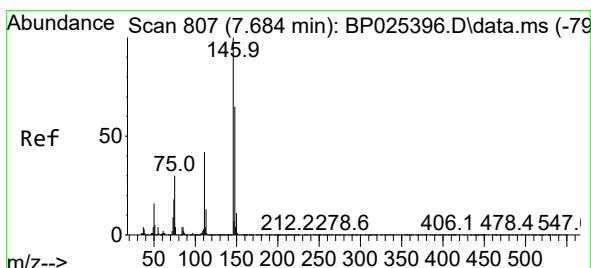
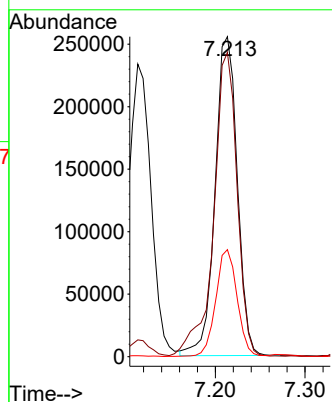
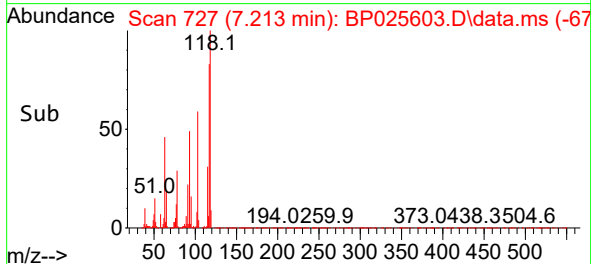
Instrument :  
BNA\_P  
ClientSampleId :  
MW-201-082025MSD



Tgt Ion: 93 Resp: 438912  
Ion Ratio Lower Upper  
93 100  
63 95.1 52.6 92.6  
95 33.5 12.7 52.7

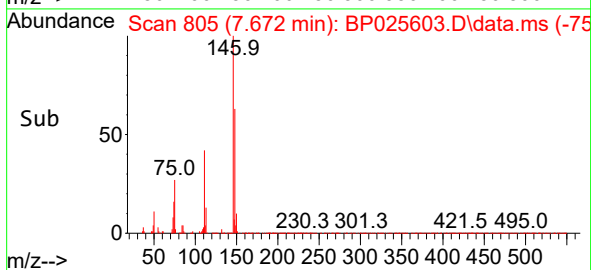
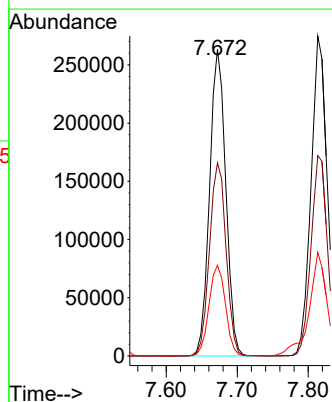
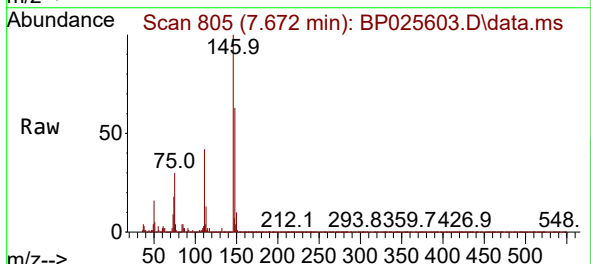
Manual Integrations  
APPROVED

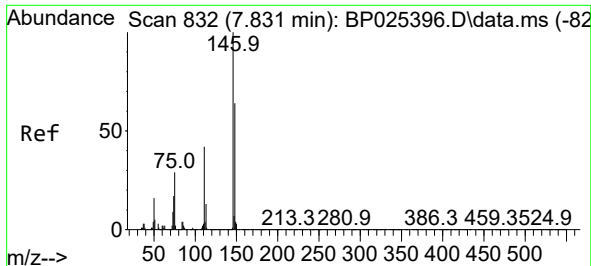
Reviewed By :Rahul Chavli 08/28/2025  
Supervised By :Jagrut Upadhyay 08/28/2025



#12  
1,3-Dichlorobenzene  
Concen: 33.634 ng  
RT: 7.672 min Scan# 805  
Delta R.T. -0.012 min  
Lab File: BP025603.D  
Acq: 27 Aug 2025 15:00

Tgt Ion:146 Resp: 417263  
Ion Ratio Lower Upper  
146 100  
148 62.9 51.9 77.9  
75 29.6 23.7 35.5





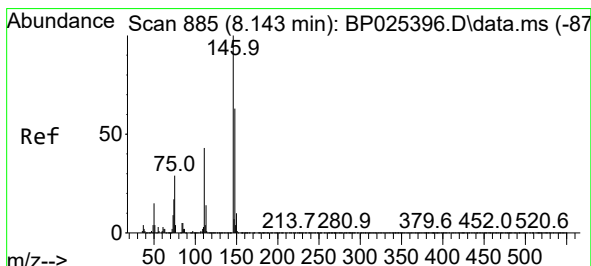
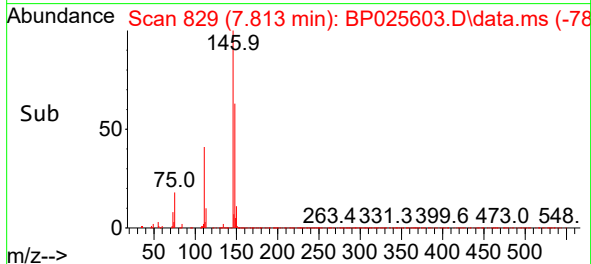
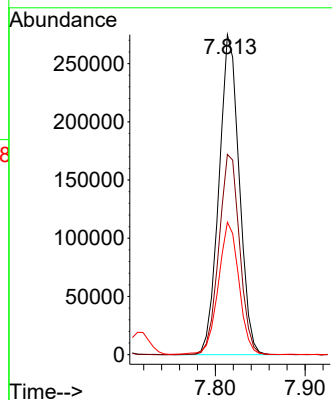
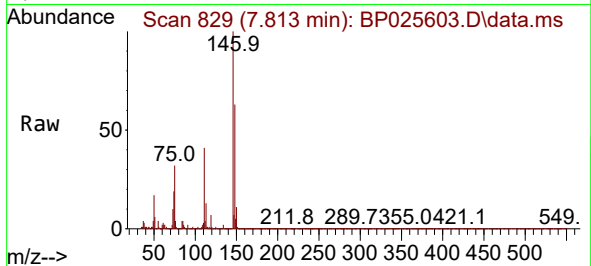
#13  
1,4-Dichlorobenzene  
Concen: 34.006 ng  
RT: 7.813 min Scan# 81  
Delta R.T. -0.018 min  
Lab File: BP025603.D  
Acq: 27 Aug 2025 15:00

Instrument :  
BNA\_P  
ClientSampleId :  
MW-201-082025MSD

Tgt Ion:146 Resp: 43120  
Ion Ratio Lower Upper  
146 100  
148 62.6 51.6 77.4  
111 41.4 33.4 50.0

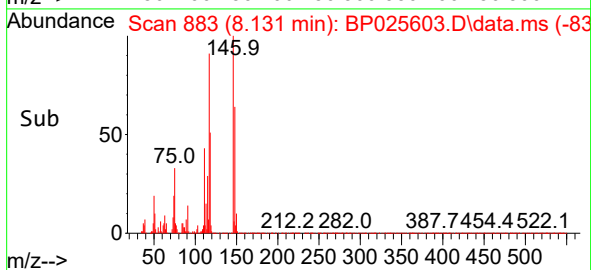
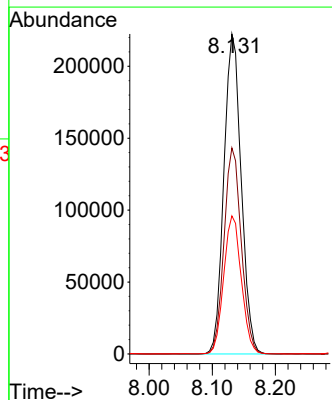
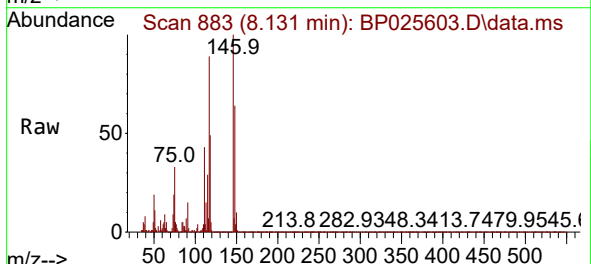
Manual Integrations  
APPROVED

Reviewed By :Rahul Chavli 08/28/2025  
Supervised By :Jagrut Upadhyay 08/28/2025



#14  
1,2-Dichlorobenzene  
Concen: 34.567 ng  
RT: 8.131 min Scan# 883  
Delta R.T. -0.012 min  
Lab File: BP025603.D  
Acq: 27 Aug 2025 15:00

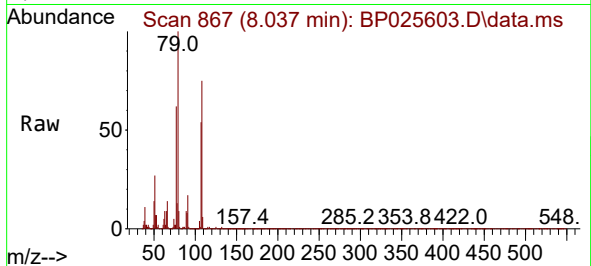
Tgt Ion:146 Resp: 424297  
Ion Ratio Lower Upper  
146 100  
148 64.4 50.4 75.6  
111 43.1 34.5 51.7





#15  
Benzyl Alcohol  
Concen: 30.441 ng  
RT: 8.037 min Scan# 80  
Delta R.T. 0.012 min  
Lab File: BP025603.D  
Acq: 27 Aug 2025 15:00

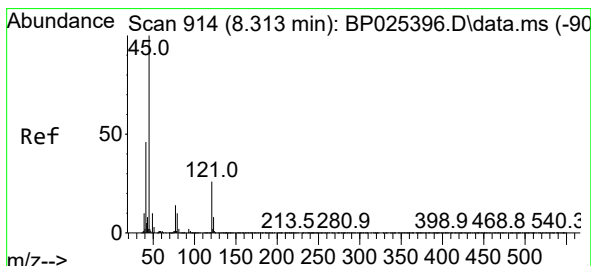
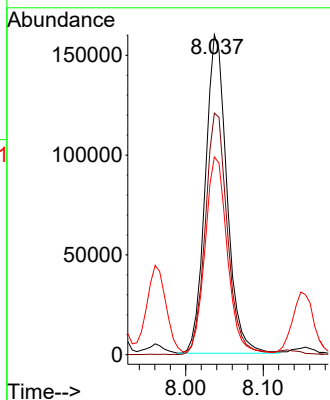
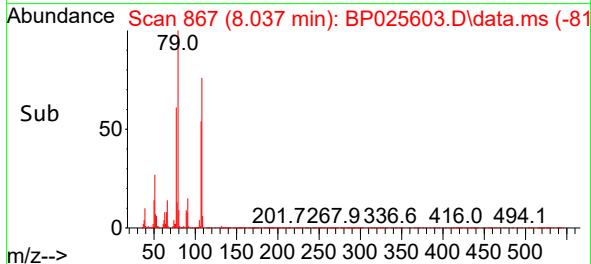
Instrument :  
BNA\_P  
ClientSampleId :  
MW-201-082025MSD



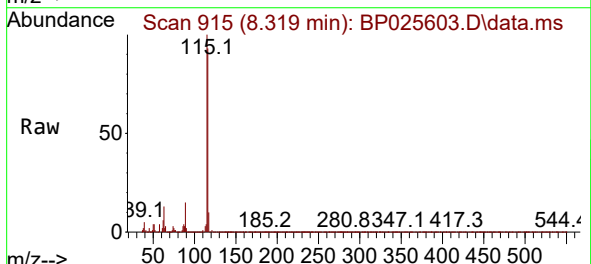
Tgt Ion: 79 Resp: 309179  
Ion Ratio Lower Upper  
79 100  
108 75.5 63.8 95.6  
77 61.8 49.0 73.4

Manual Integrations  
APPROVED

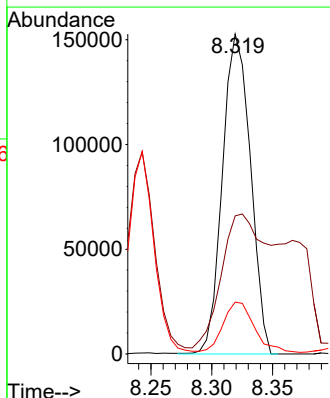
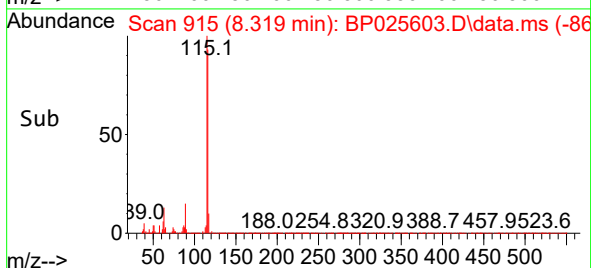
Reviewed By :Rahul Chavli 08/28/2025  
Supervised By :Jagrut Upadhyay 08/28/2025

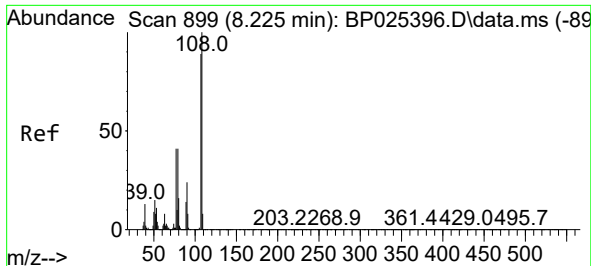


#16  
2,2'-oxybis(1-Chloropropane)  
Concen: 17.457 ng  
RT: 8.319 min Scan# 915  
Delta R.T. 0.006 min  
Lab File: BP025603.D  
Acq: 27 Aug 2025 15:00



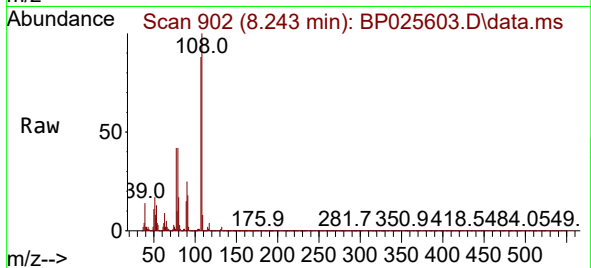
Tgt Ion: 45 Resp: 244473  
Ion Ratio Lower Upper  
45 100  
77 43.1 0.0 35.3#  
79 16.2 0.0 31.8





#17  
2-Methylphenol  
Concen: 32.816 ng  
RT: 8.243 min Scan# 902  
Delta R.T. 0.018 min  
Lab File: BP025603.D  
Acq: 27 Aug 2025 15:00

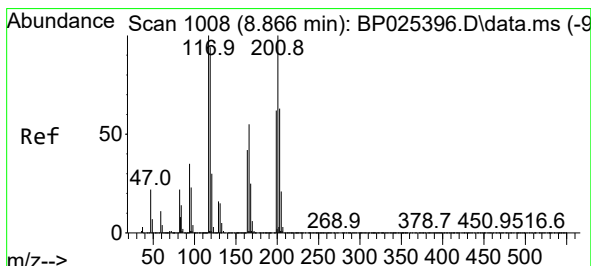
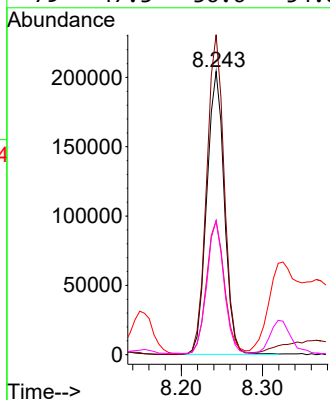
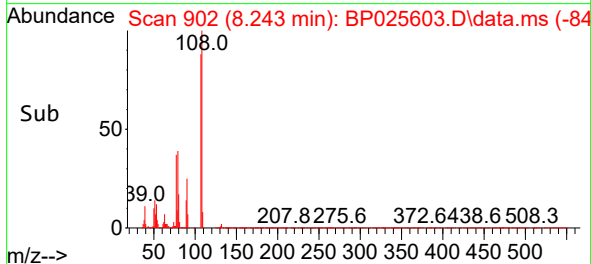
Instrument :  
BNA\_P  
ClientSampleId :  
MW-201-082025MSD



Tgt Ion:107 Resp: 305694  
Ion Ratio Lower Upper  
107 100  
108 113.0 89.4 134.0  
77 47.3 36.3 54.5  
79 47.3 36.6 54.8

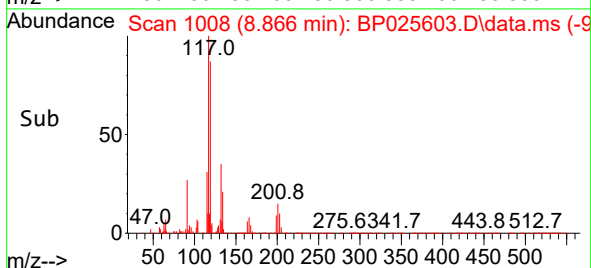
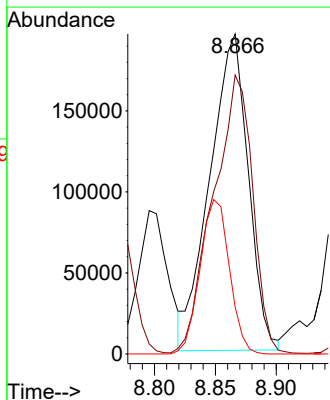
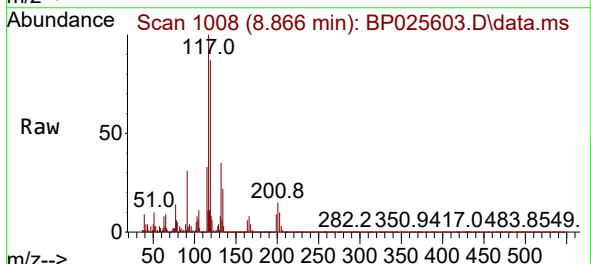
Manual Integrations  
APPROVED

Reviewed By :Rahul Chavli 08/28/2025  
Supervised By :Jagrut Upadhyay 08/28/2025



#18  
Hexachloroethane  
Concen: 92.067 ng  
RT: 8.866 min Scan# 1008  
Delta R.T. 0.000 min  
Lab File: BP025603.D  
Acq: 27 Aug 2025 15:00

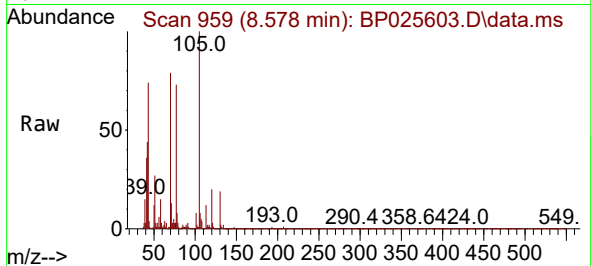
Tgt Ion:117 Resp: 429233  
Ion Ratio Lower Upper  
117 100  
119 87.1 75.1 112.7  
201 14.7 80.1 120.1#





#19  
n-Nitroso-di-n-propylamine  
Concen: 41.062 ng  
RT: 8.578 min Scan# 91  
Delta R.T. -0.012 min  
Lab File: BP025603.D  
Acq: 27 Aug 2025 15:00

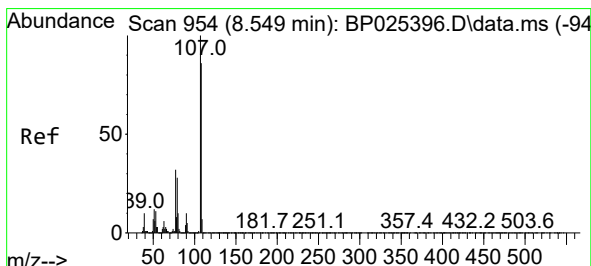
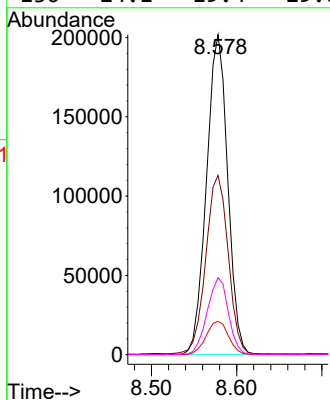
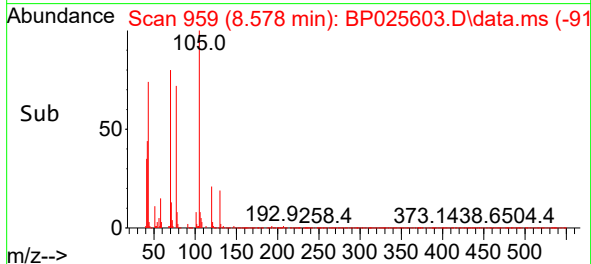
Instrument :  
BNA\_P  
ClientSampleId :  
MW-201-082025MSD



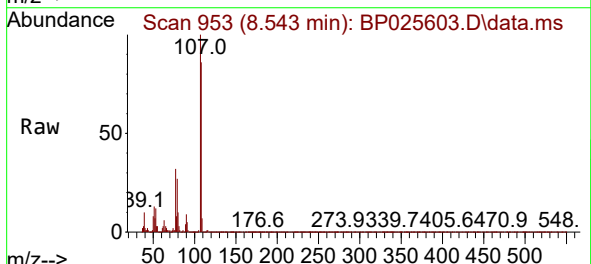
Tgt Ion: 70 Resp: 347670  
Ion Ratio Lower Upper  
70 100  
42 56.0 43.8 65.6  
101 10.4 8.5 12.7  
130 24.1 19.4 29.0

Manual Integrations  
APPROVED

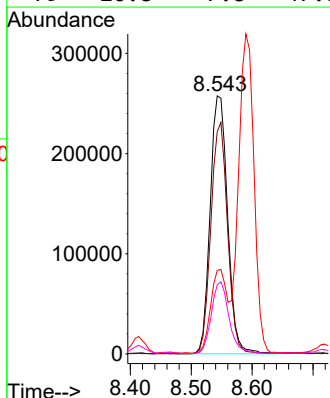
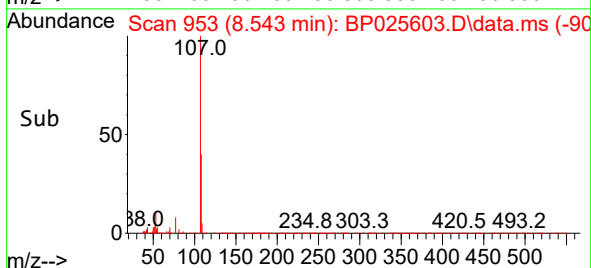
Reviewed By :Rahul Chavli 08/28/2025  
Supervised By :Jagrut Upadhyay 08/28/2025

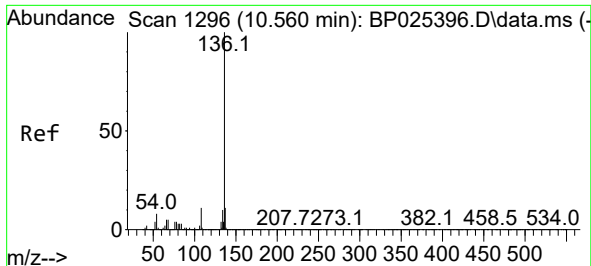


#20  
3+4-Methylphenols  
Concen: 39.604 ng  
RT: 8.543 min Scan# 953  
Delta R.T. -0.006 min  
Lab File: BP025603.D  
Acq: 27 Aug 2025 15:00



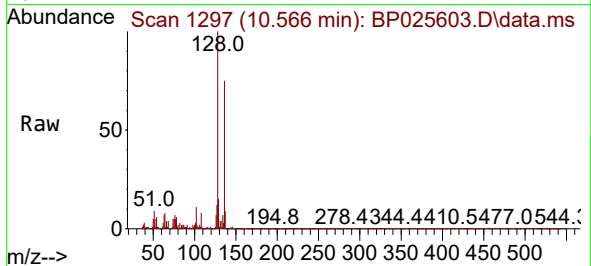
Tgt Ion:107 Resp: 511394  
Ion Ratio Lower Upper  
107 100  
108 86.1 66.3 106.3  
77 32.4 12.3 52.3  
79 26.8 7.8 47.8





#21  
Naphthalene-d8  
Concen: 20.000 ng m  
RT: 10.566 min Scan# 1  
Delta R.T. 0.006 min  
Lab File: BP025603.D  
Acq: 27 Aug 2025 15:00

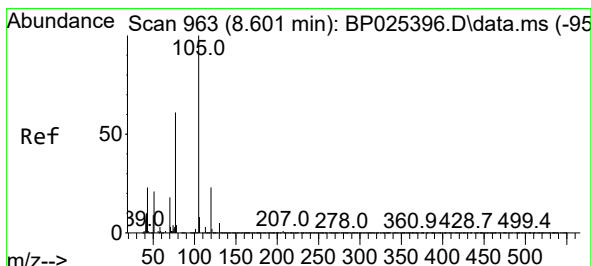
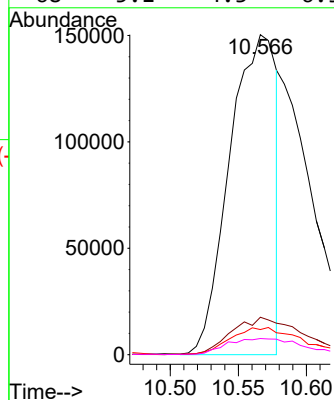
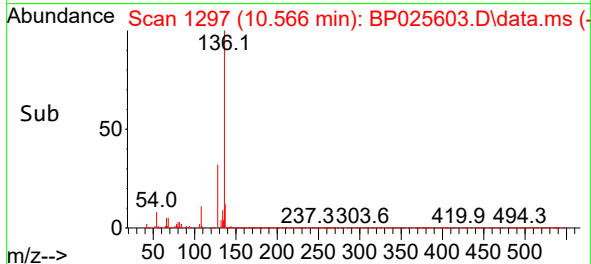
Instrument :  
BNA\_P  
ClientSampleId :  
MW-201-082025MSD



Tgt Ion:136 Resp: 358938  
Ion Ratio Lower Upper  
136 100  
137 11.7 9.2 13.8  
54 7.9 6.0 9.0  
68 5.1 4.3 6.5

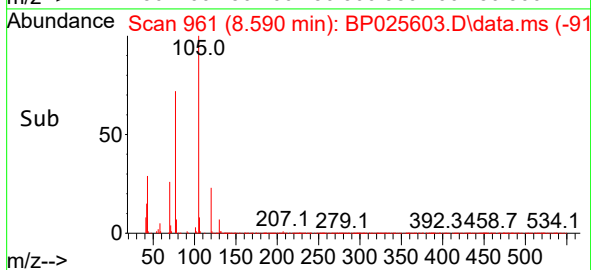
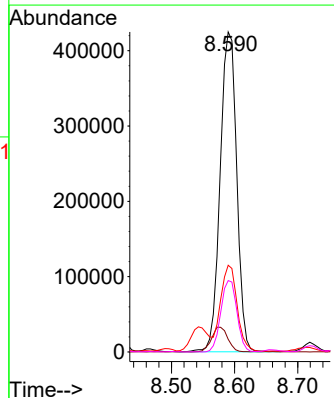
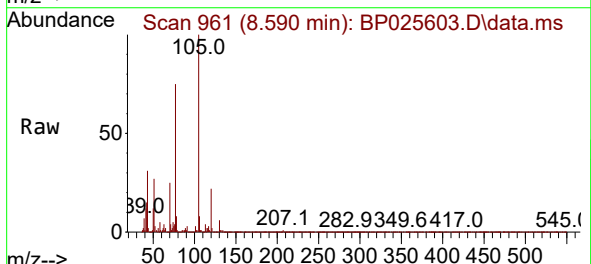
Manual Integrations  
APPROVED

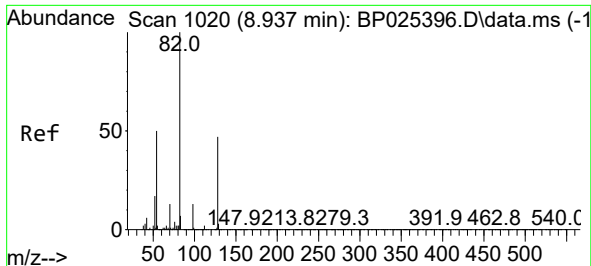
Reviewed By :Rahul Chavli 08/28/2025  
Supervised By :Jagrut Upadhyay 08/28/2025



#22  
Acetophenone  
Concen: 86.068 ng  
RT: 8.590 min Scan# 961  
Delta R.T. -0.012 min  
Lab File: BP025603.D  
Acq: 27 Aug 2025 15:00

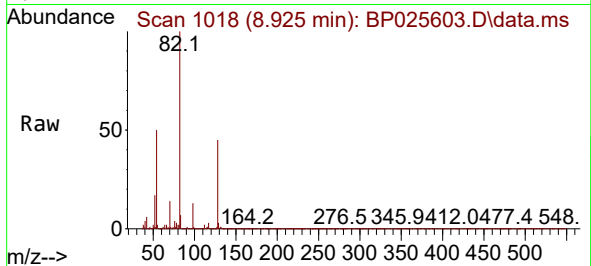
Tgt Ion:105 Resp: 774732  
Ion Ratio Lower Upper  
105 100  
71 4.0 2.6 4.0  
51 27.1 20.6 30.8  
120 22.3 18.6 27.8





#23  
Nitrobenzene-d5  
Concen: 149.131 ng  
RT: 8.925 min Scan# 1018  
Delta R.T. -0.012 min  
Lab File: BP025603.D  
Acq: 27 Aug 2025 15:00

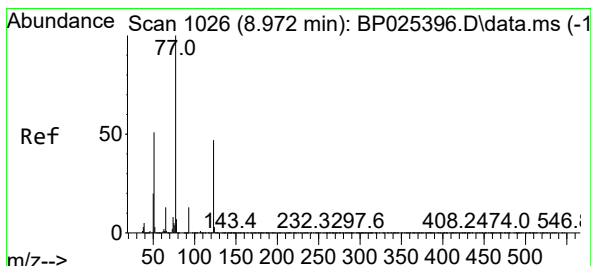
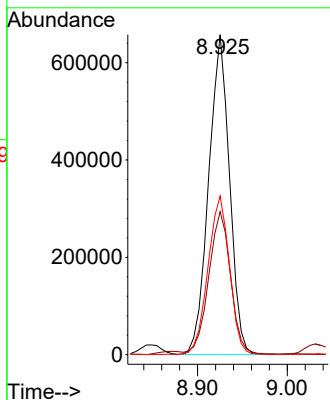
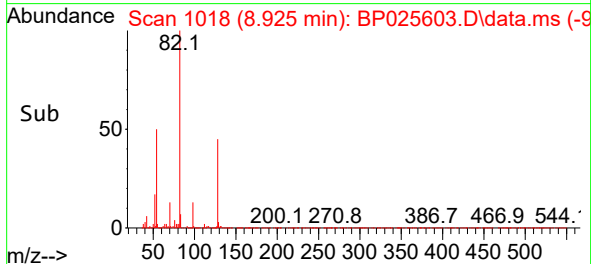
Instrument :  
BNA\_P  
ClientSampleId :  
MW-201-082025MSD



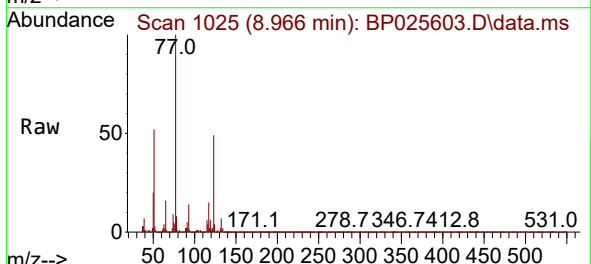
Tgt Ion: 82 Resp: 1058184  
Ion Ratio Lower Upper  
82 100  
128 44.7 37.7 56.5  
54 49.6 39.8 59.6

Manual Integrations  
APPROVED

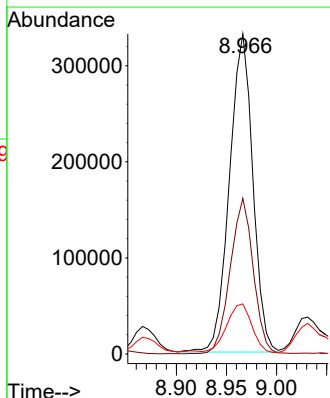
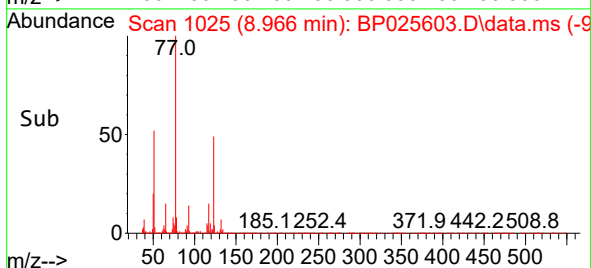
Reviewed By :Rahul Chavli 08/28/2025  
Supervised By :Jagrut Upadhyay 08/28/2025

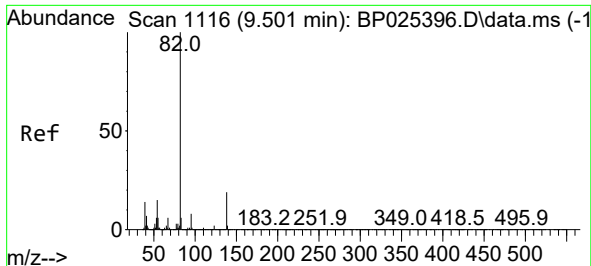


#24  
Nitrobenzene  
Concen: 84.602 ng  
RT: 8.966 min Scan# 1025  
Delta R.T. -0.006 min  
Lab File: BP025603.D  
Acq: 27 Aug 2025 15:00



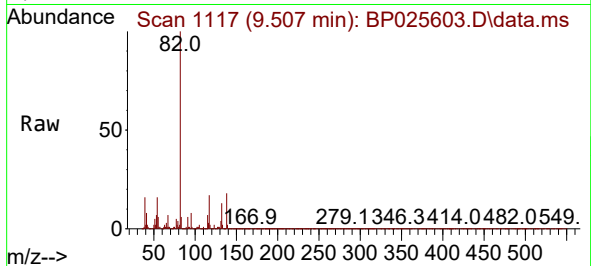
Tgt Ion: 77 Resp: 536503  
Ion Ratio Lower Upper  
77 100  
123 48.6 38.6 58.0  
65 15.7 10.6 15.8





#25  
Isophorone  
Concen: 80.771 ng  
RT: 9.507 min Scan# 1116  
Delta R.T. 0.006 min  
Lab File: BP025603.D  
Acq: 27 Aug 2025 15:00

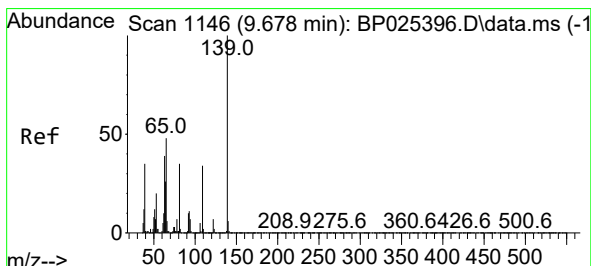
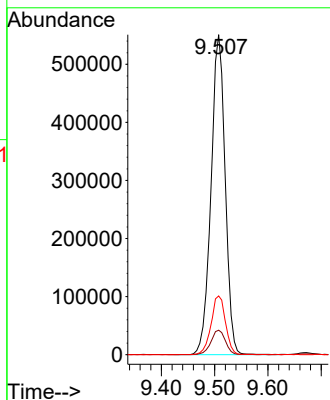
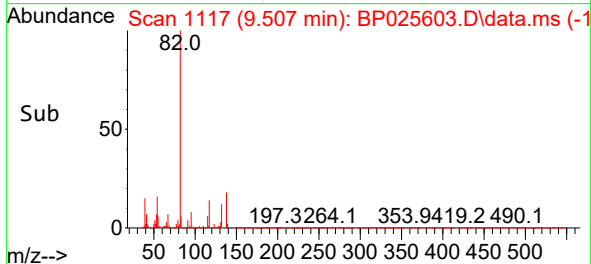
Instrument :  
BNA\_P  
ClientSampleId :  
MW-201-082025MSD



Tgt Ion: 82 Resp: 101428  
Ion Ratio Lower Upper  
82 100  
95 7.7 6.4 9.6  
138 18.4 15.4 23.0

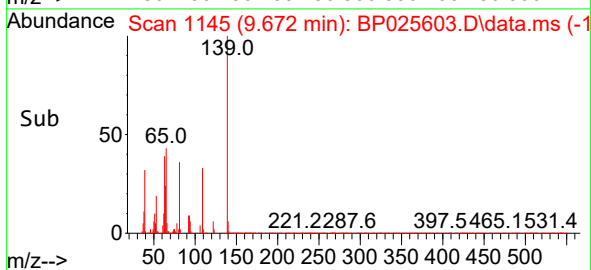
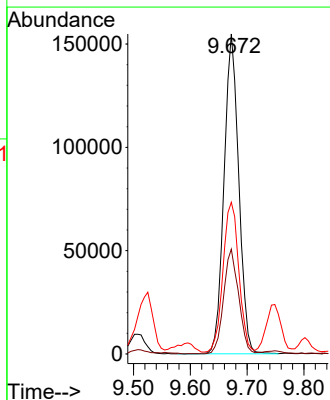
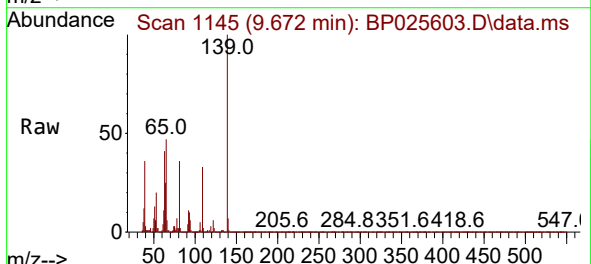
Manual Integrations  
APPROVED

Reviewed By :Rahul Chavli 08/28/2025  
Supervised By :Jagrut Upadhyay 08/28/2025



#26  
2-Nitrophenol  
Concen: 85.872 ng  
RT: 9.672 min Scan# 1145  
Delta R.T. -0.006 min  
Lab File: BP025603.D  
Acq: 27 Aug 2025 15:00

Tgt Ion:139 Resp: 279469  
Ion Ratio Lower Upper  
139 100  
109 32.8 26.9 40.3  
65 47.4 38.3 57.5





#27

2,4-Dimethylphenol

Concen: 74.518 ng

RT: 9.749 min Scan# 1157

Delta R.T. 0.006 min

Lab File: BP025603.D

Acq: 27 Aug 2025 15:00

Instrument :

BNA\_P

ClientSampleId :

MW-201-082025MSD

Tgt Ion:122 Resp: 417062

Ion Ratio Lower Upper

122 100

107 120.8 93.7 140.5

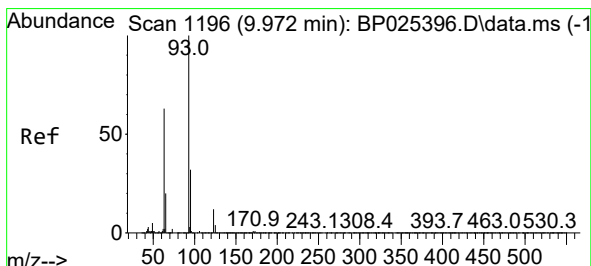
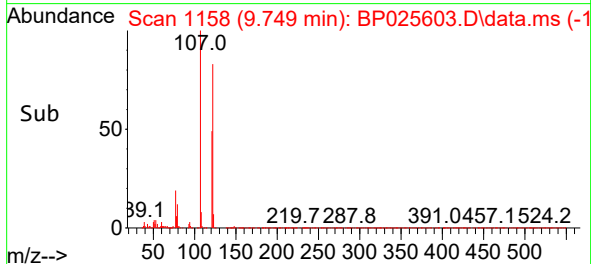
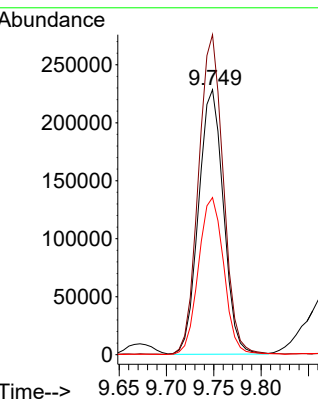
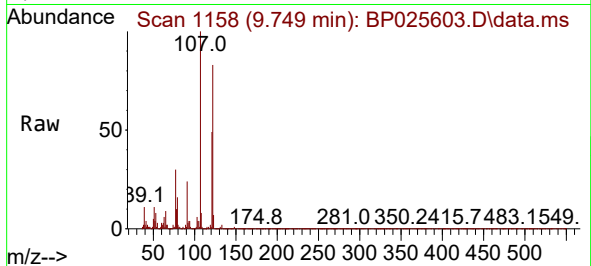
121 59.3 46.6 69.8

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 08/28/2025

Supervised By :Jagrut Upadhyay 08/28/2025



#28

bis(2-Chloroethoxy)methane

Concen: 71.459 ng

RT: 9.984 min Scan# 1198

Delta R.T. 0.012 min

Lab File: BP025603.D

Acq: 27 Aug 2025 15:00

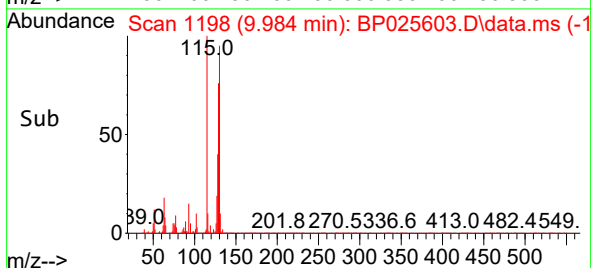
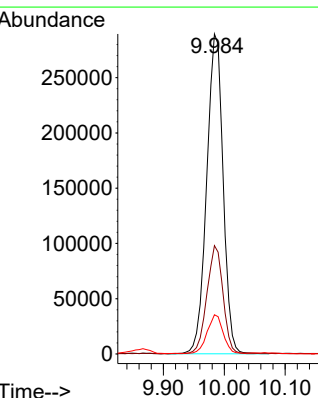
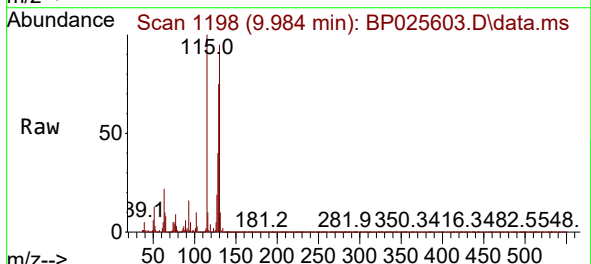
Tgt Ion: 93 Resp: 542429

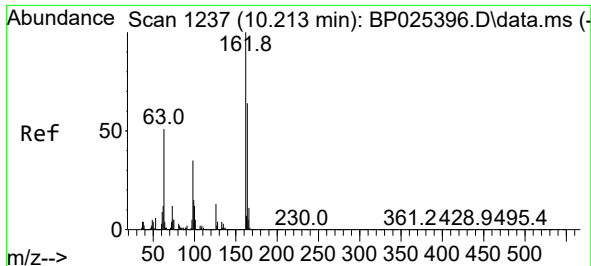
Ion Ratio Lower Upper

93 100

95 33.9 25.4 38.0

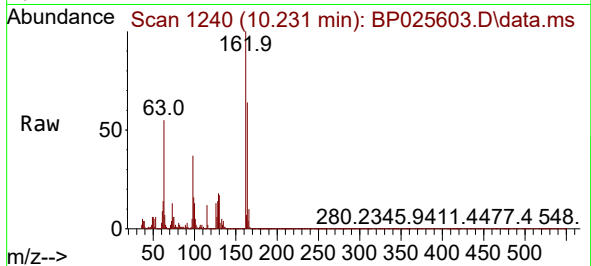
123 12.3 9.4 14.0





#29  
2,4-Dichlorophenol  
Concen: 80.812 ng  
RT: 10.231 min Scan# 1237  
Delta R.T. 0.018 min  
Lab File: BP025603.D  
Acq: 27 Aug 2025 15:00

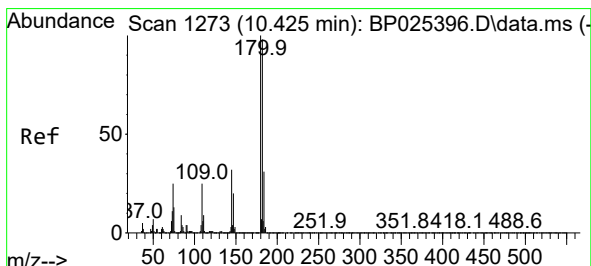
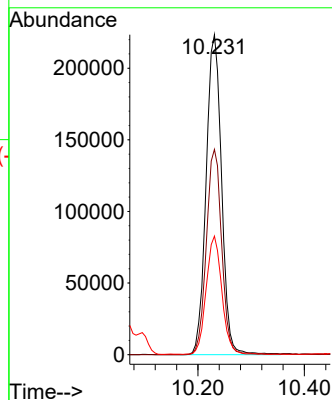
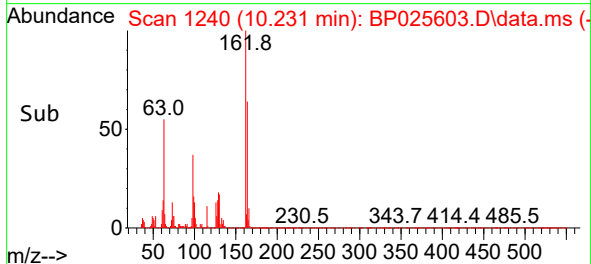
Instrument :  
BNA\_P  
ClientSampleId :  
MW-201-082025MSD



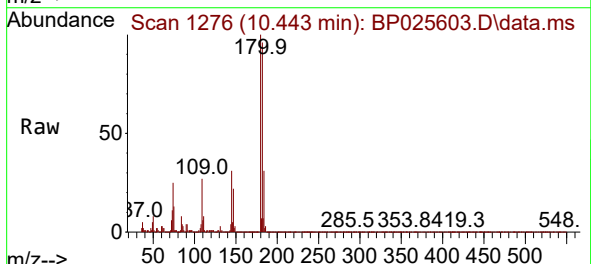
Tgt Ion:162 Resp: 449299  
Ion Ratio Lower Upper  
162 100  
164 64.2 44.4 84.4  
98 37.0 14.9 54.9

Manual Integrations  
APPROVED

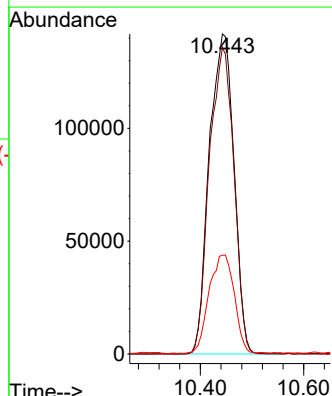
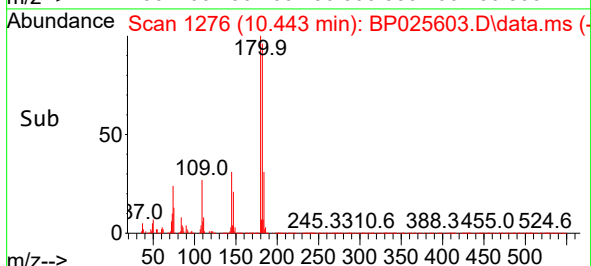
Reviewed By :Rahul Chavli 08/28/2025  
Supervised By :Jagrut Upadhyay 08/28/2025

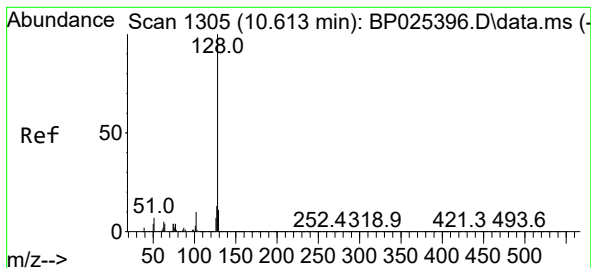


#30  
1,2,4-Trichlorobenzene  
Concen: 77.137 ng  
RT: 10.443 min Scan# 1276  
Delta R.T. 0.018 min  
Lab File: BP025603.D  
Acq: 27 Aug 2025 15:00



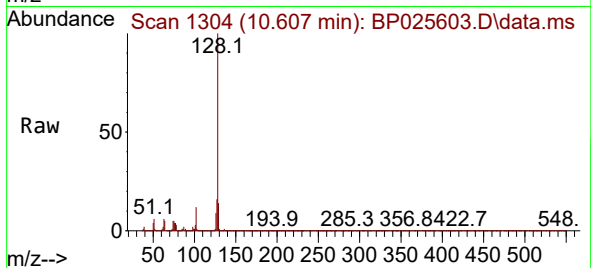
Tgt Ion:180 Resp: 470127  
Ion Ratio Lower Upper  
180 100  
182 95.8 78.0 117.0  
145 30.9 25.9 38.9





#31  
Naphthalene  
Concen: 2854.698 ng m  
RT: 10.607 min Scan# 1130  
Delta R.T. -0.006 min  
Lab File: BP025603.D  
Acq: 27 Aug 2025 15:00

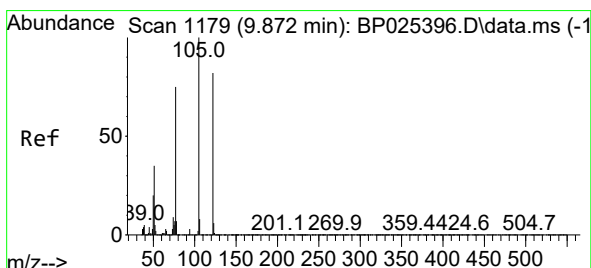
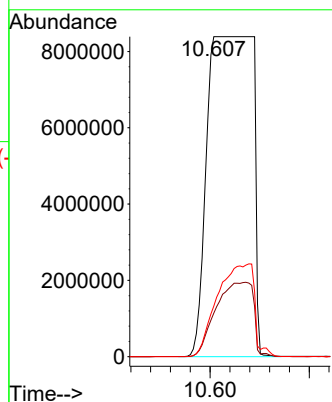
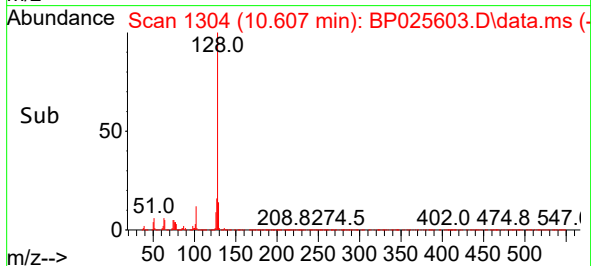
Instrument :  
BNA\_P  
ClientSampleId :  
MW-201-082025MSD



Tgt Ion:128 Resp:5325723  
Ion Ratio Lower Upper  
128 100  
129 13.6 8.6 13.0  
127 15.8 10.7 16.1

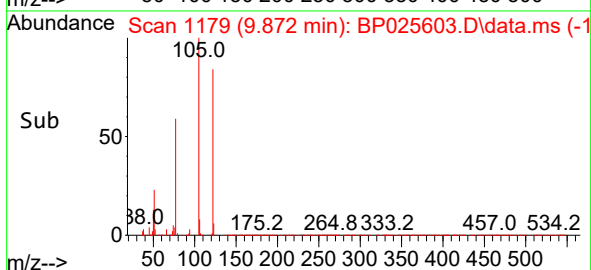
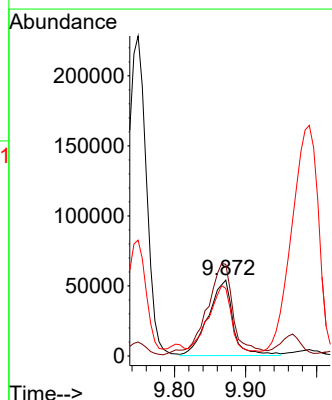
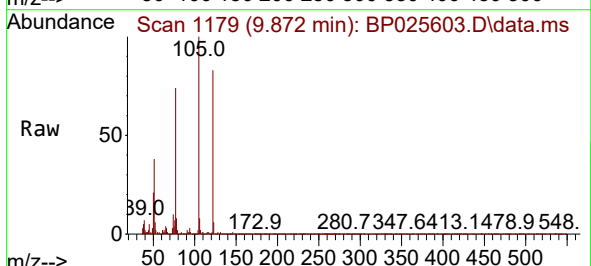
Manual Integrations  
APPROVED

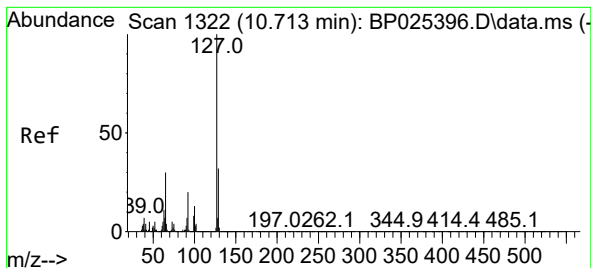
Reviewed By :Rahul Chavli 08/28/2025  
Supervised By :Jagrut Upadhyay 08/28/2025



#32  
Benzoic acid  
Concen: 31.575 ng  
RT: 9.872 min Scan# 1179  
Delta R.T. 0.000 min  
Lab File: BP025603.D  
Acq: 27 Aug 2025 15:00

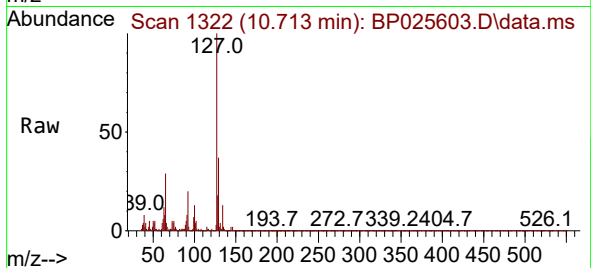
Tgt Ion:122 Resp: 130466  
Ion Ratio Lower Upper  
122 100  
105 120.9 100.6 140.6  
77 89.0 71.5 111.5





#33  
4-Chloroaniline  
Concen: 29.741 ng m  
RT: 10.713 min Scan# 11  
Delta R.T. 0.000 min  
Lab File: BP025603.D  
Acq: 27 Aug 2025 15:00

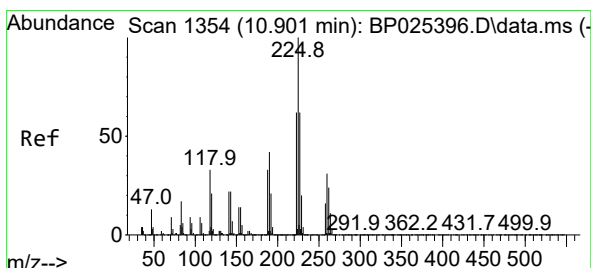
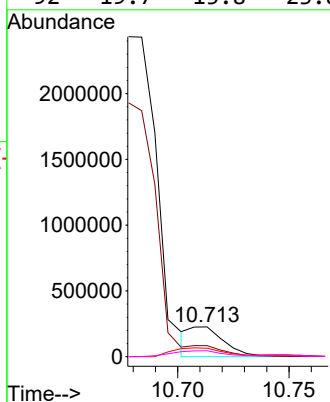
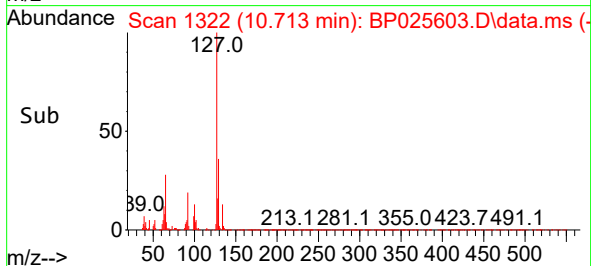
Instrument :  
BNA\_P  
ClientSampleId :  
MW-201-082025MSD



| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 127     | 100   |       |       |
| 129     | 37.2  | 25.4  | 38.2  |
| 65      | 28.6  | 23.8  | 35.6  |
| 92      | 19.7  | 15.8  | 23.8  |

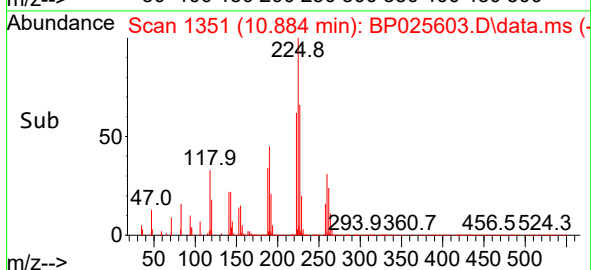
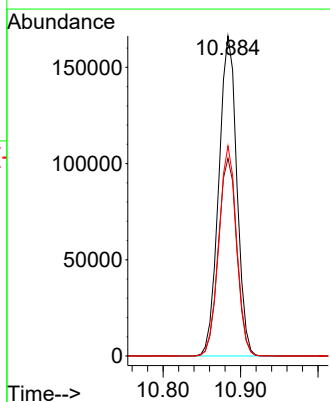
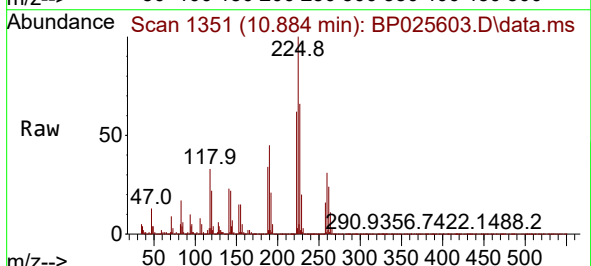
Manual Integrations  
APPROVED

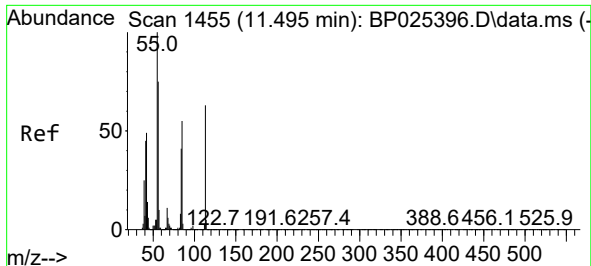
Reviewed By :Rahul Chavli 08/28/2025  
Supervised By :Jagrut Upadhyay 08/28/2025



#34  
Hexachlorobutadiene  
Concen: 71.043 ng  
RT: 10.884 min Scan# 1351  
Delta R.T. -0.018 min  
Lab File: BP025603.D  
Acq: 27 Aug 2025 15:00

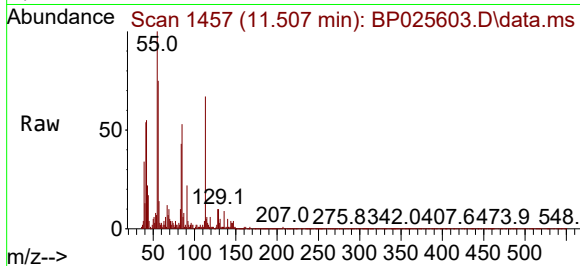
| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 225     | 100   |       |       |
| 223     | 61.7  | 50.0  | 75.0  |
| 227     | 65.6  | 49.7  | 74.5  |





#35  
Caprolactam  
Concen: 16.193 ng  
RT: 11.507 min Scan# 1455  
Delta R.T. 0.012 min  
Lab File: BP025603.D  
Acq: 27 Aug 2025 15:00

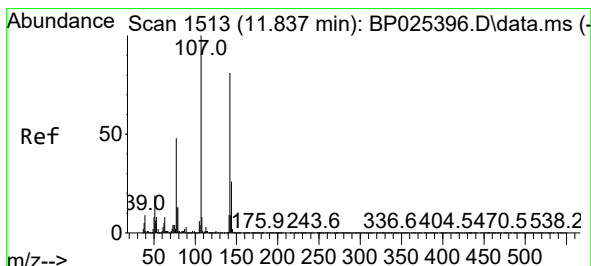
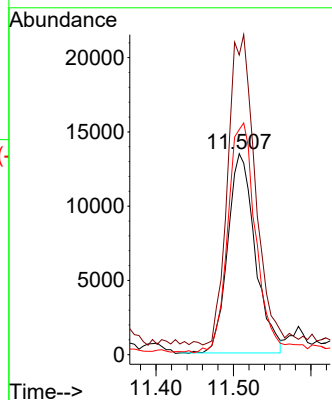
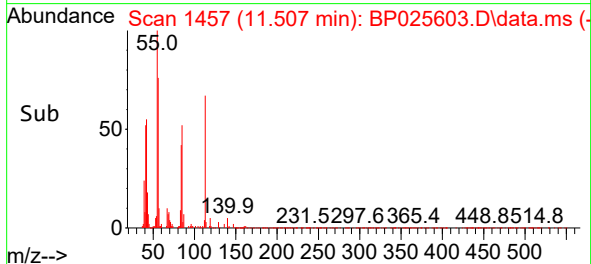
Instrument :  
BNA\_P  
ClientSampleId :  
MW-201-082025MSD



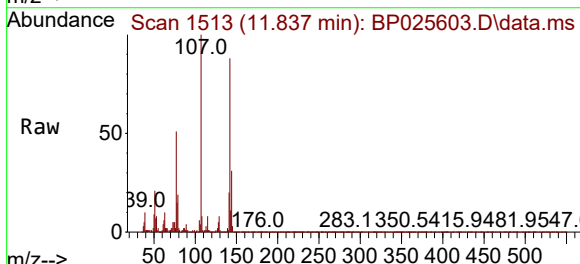
Tgt Ion:113 Resp: 33012  
Ion Ratio Lower Upper  
113 100  
55 149.2 140.0 180.0  
56 112.0 100.0 140.0

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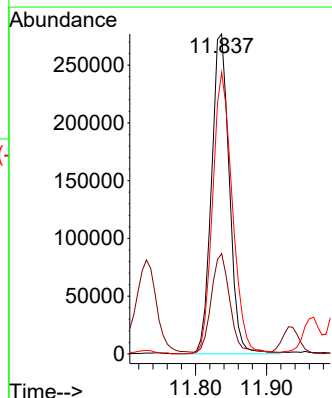
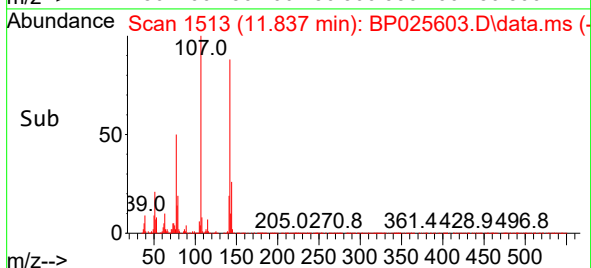
Reviewed By :Rahul Chavli 08/28/2025  
Supervised By :Jagrut Upadhyay 08/28/2025



#36  
4-Chloro-3-methylphenol  
Concen: 75.431 ng  
RT: 11.837 min Scan# 1513  
Delta R.T. 0.000 min  
Lab File: BP025603.D  
Acq: 27 Aug 2025 15:00



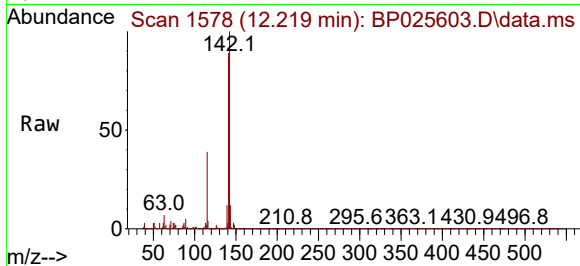
Tgt Ion:107 Resp: 481225  
Ion Ratio Lower Upper  
107 100  
144 31.3 21.0 31.4  
142 88.0 64.6 97.0





#37  
2-Methylnaphthalene  
Concen: 809.982 ng  
RT: 12.219 min Scan# 1578  
Delta R.T. 0.000 min  
Lab File: BP025603.D  
Acq: 27 Aug 2025 15:00

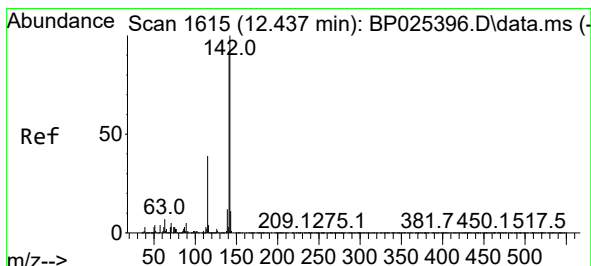
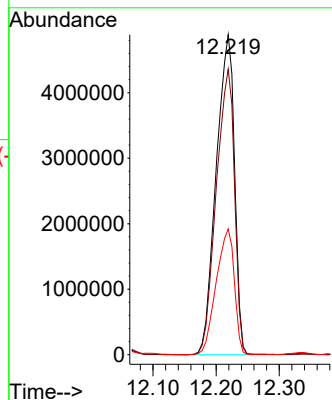
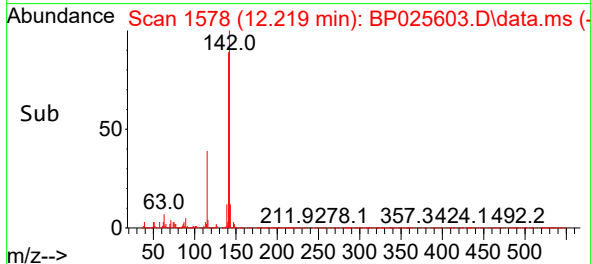
Instrument :  
BNA\_P  
ClientSampleId :  
MW-201-082025MSD



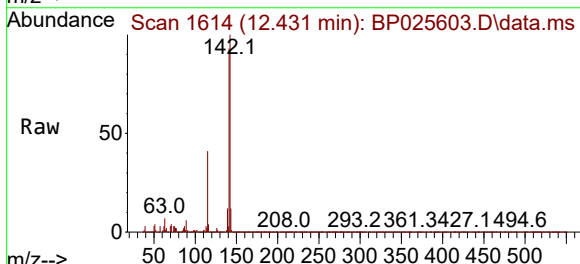
Tgt Ion:142 Resp: 983382  
Ion Ratio Lower Upper  
142 100  
141 89.2 70.3 105.5  
115 39.3 28.9 43.3

Manual Integrations  
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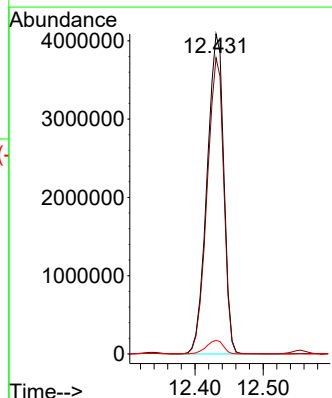
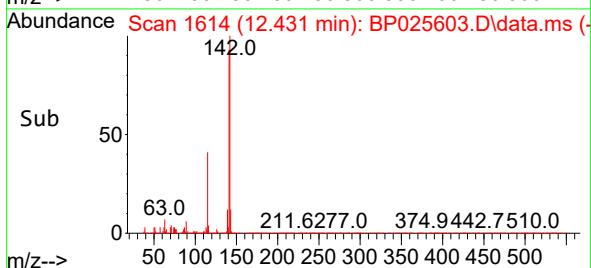
Reviewed By :Rahul Chavli 08/28/2025  
Supervised By :Jagrut Upadhyay 08/28/2025

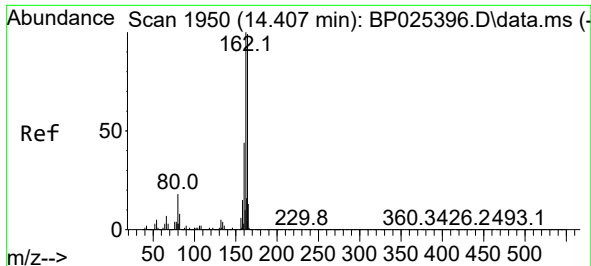


#38  
1-Methylnaphthalene  
Concen: 539.898 ng  
RT: 12.431 min Scan# 1614  
Delta R.T. -0.006 min  
Lab File: BP025603.D  
Acq: 27 Aug 2025 15:00



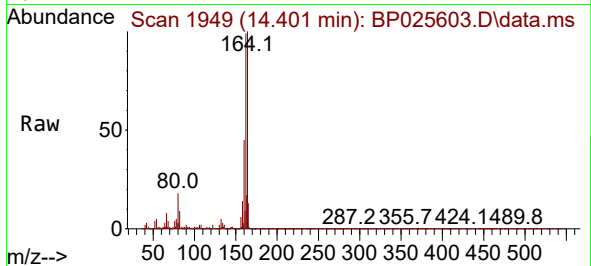
Tgt Ion:142 Resp: 6970742  
Ion Ratio Lower Upper  
142 100  
141 92.5 73.1 109.7  
116 4.2 3.2 4.8





#39  
Acenaphthene-d10  
Concen: 20.000 ng  
RT: 14.401 min Scan# 1950  
Delta R.T. -0.006 min  
Lab File: BP025603.D  
Acq: 27 Aug 2025 15:00

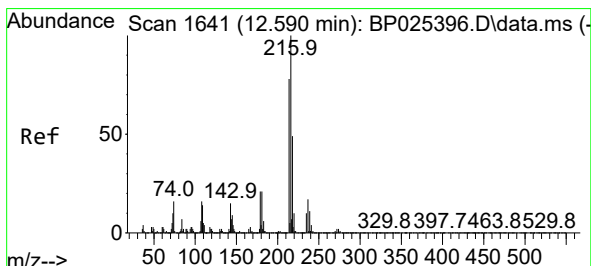
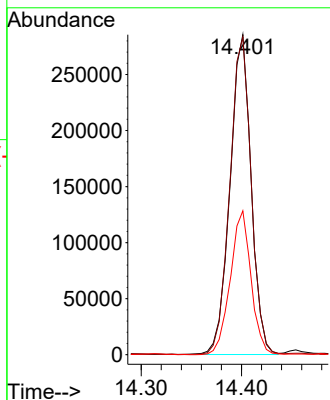
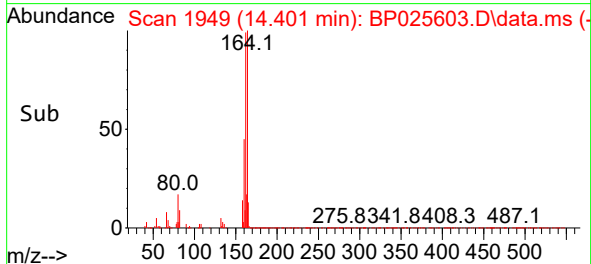
Instrument :  
BNA\_P  
ClientSampleId :  
MW-201-082025MSD



Tgt Ion:164 Resp: 417829  
Ion Ratio Lower Upper  
164 100  
162 99.3 81.0 121.6  
160 44.9 35.4 53.2

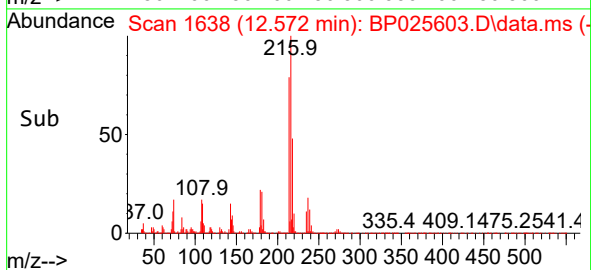
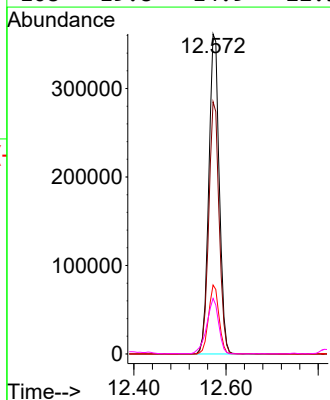
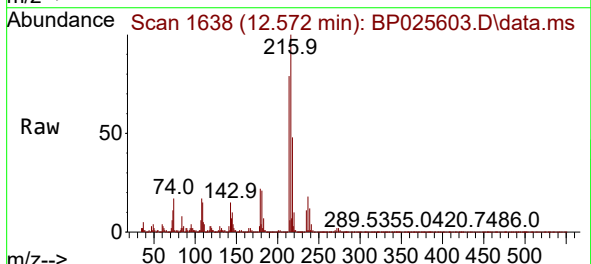
Manual Integrations  
APPROVED

Reviewed By :Rahul Chavli 08/28/2025  
Supervised By :Jagrut Upadhyay 08/28/2025



#40  
1,2,4,5-Tetrachlorobenzene  
Concen: 47.272 ng  
RT: 12.572 min Scan# 1638  
Delta R.T. -0.018 min  
Lab File: BP025603.D  
Acq: 27 Aug 2025 15:00

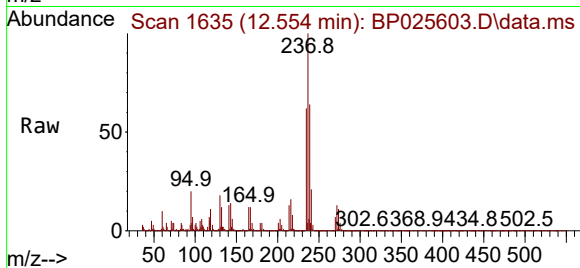
Tgt Ion:216 Resp: 570448  
Ion Ratio Lower Upper  
216 100  
214 78.6 63.0 94.4  
179 21.5 17.1 25.7  
108 19.8 14.9 22.3





#41  
Hexachlorocyclopentadiene  
Concen: 73.036 ng  
RT: 12.554 min Scan# 1635  
Delta R.T. -0.018 min  
Lab File: BP025603.D  
Acq: 27 Aug 2025 15:00

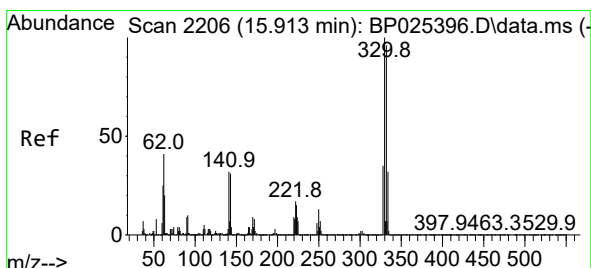
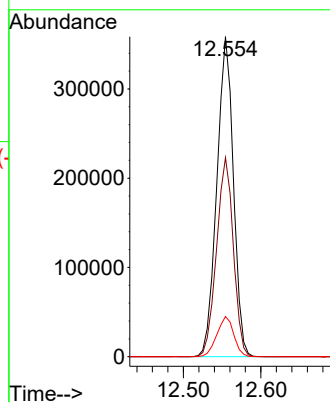
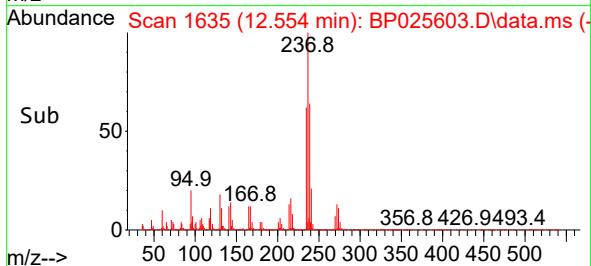
Instrument :  
BNA\_P  
ClientSampleId :  
MW-201-082025MSD



Tgt Ion: 237 Resp: 532370  
Ion Ratio Lower Upper  
237 100  
235 62.2 42.7 82.7  
272 12.5 0.0 34.0

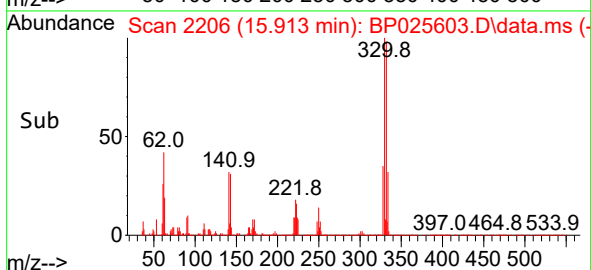
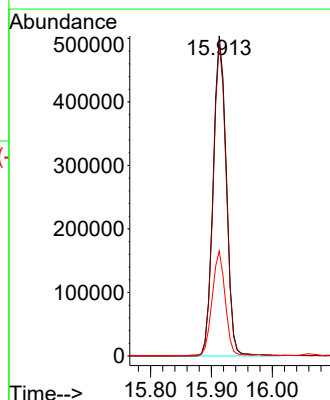
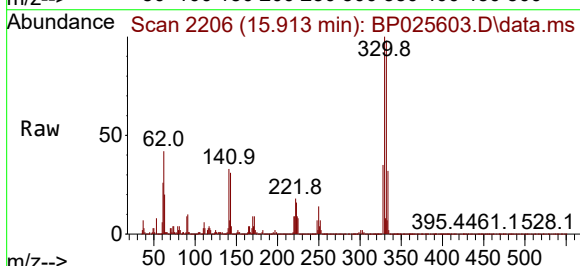
Manual Integrations  
APPROVED

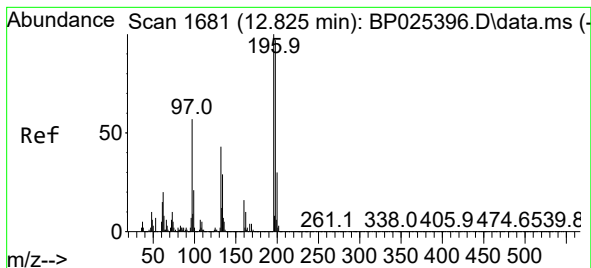
Reviewed By :Rahul Chavli 08/28/2025  
Supervised By :Jagrut Upadhyay 08/28/2025



#42  
2,4,6-Tribromophenol  
Concen: 134.739 ng  
RT: 15.913 min Scan# 2206  
Delta R.T. 0.000 min  
Lab File: BP025603.D  
Acq: 27 Aug 2025 15:00

Tgt Ion: 330 Resp: 757775  
Ion Ratio Lower Upper  
330 100  
332 97.4 77.3 115.9  
141 32.5 26.6 39.8





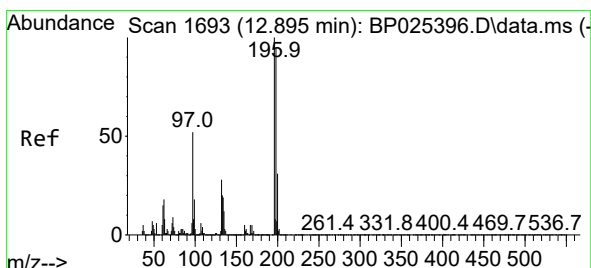
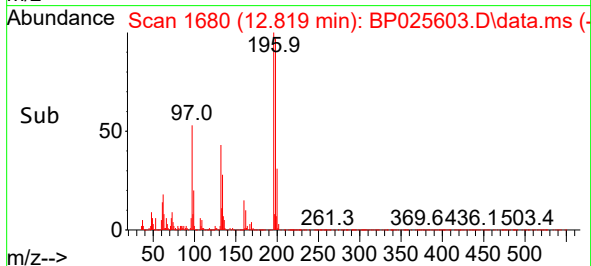
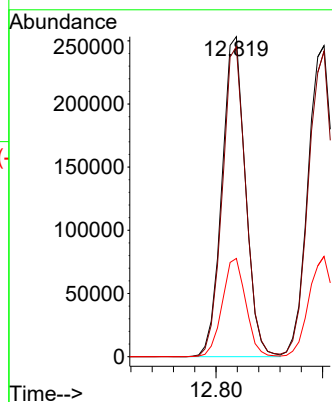
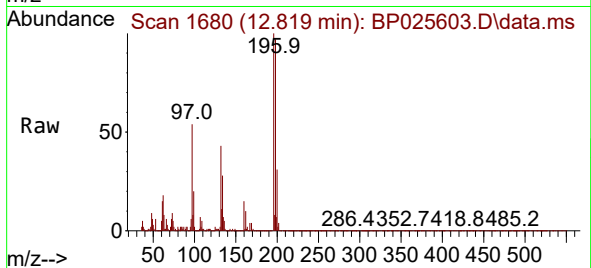
#43  
2,4,6-Trichlorophenol  
Concen: 47.698 ng  
RT: 12.819 min Scan# 1681  
Delta R.T. -0.006 min  
Lab File: BP025603.D  
Acq: 27 Aug 2025 15:00

Instrument :  
BNA\_P  
ClientSampleId :  
MW-201-082025MSD

Tgt Ion:196 Resp: 38858  
Ion Ratio Lower Upper  
196 100  
198 96.9 77.2 115.8  
200 30.7 23.9 35.9

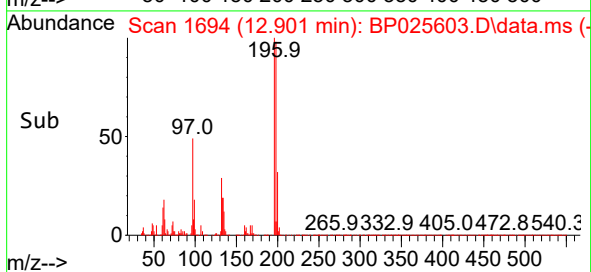
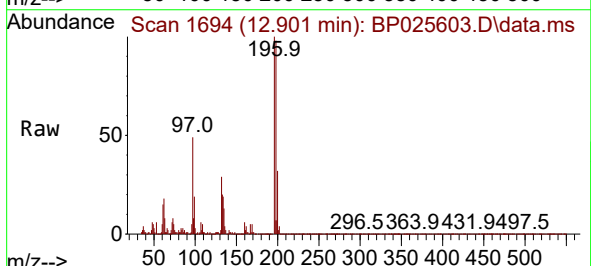
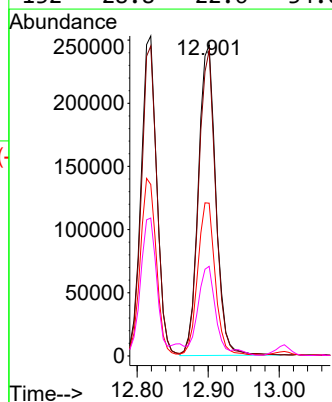
Manual Integrations  
APPROVED

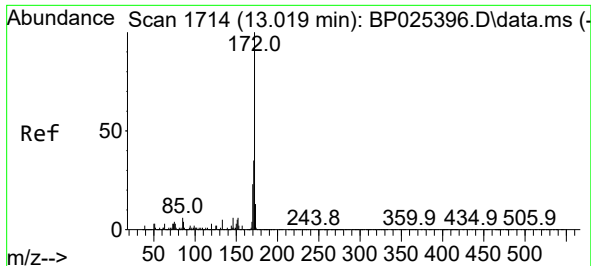
Reviewed By :Rahul Chavli 08/28/2025  
Supervised By :Jagrut Upadhyay 08/28/2025



#44  
2,4,5-Trichlorophenol  
Concen: 47.415 ng  
RT: 12.901 min Scan# 1694  
Delta R.T. 0.006 min  
Lab File: BP025603.D  
Acq: 27 Aug 2025 15:00

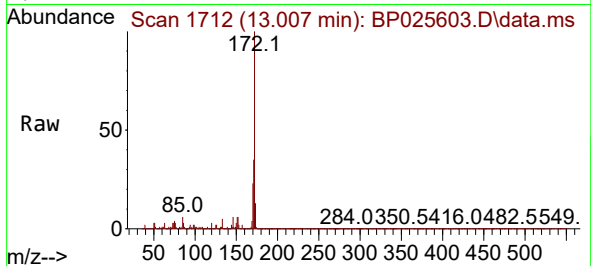
Tgt Ion:196 Resp: 423357  
Ion Ratio Lower Upper  
196 100  
198 98.2 76.2 114.2  
97 49.1 41.2 61.8  
132 28.8 22.6 34.0





#45  
2-Fluorobiphenyl  
Concen: 78.060 ng  
RT: 13.007 min Scan# 1714  
Delta R.T. -0.012 min  
Lab File: BP025603.D  
Acq: 27 Aug 2025 15:00

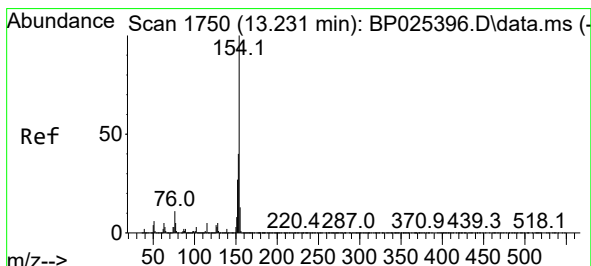
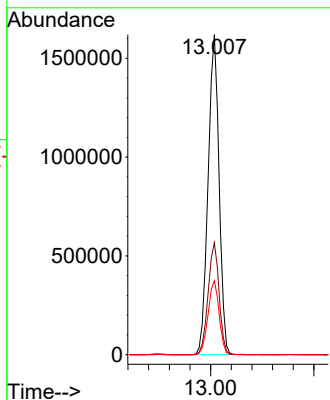
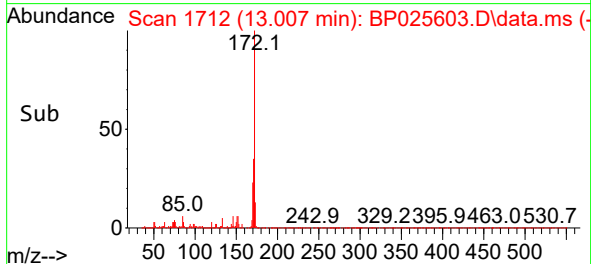
Instrument :  
BNA\_P  
ClientSampleId :  
MW-201-082025MSD



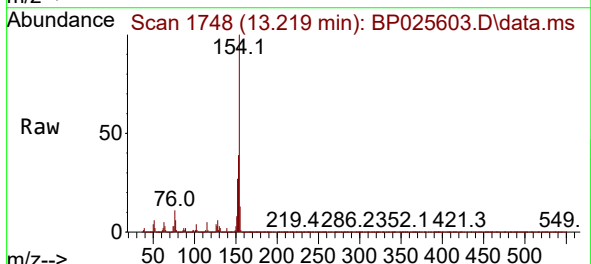
Tgt Ion:172 Resp: 2386494  
Ion Ratio Lower Upper  
172 100  
171 35.0 28.1 42.1  
170 23.1 18.6 28.0

Manual Integrations  
APPROVED

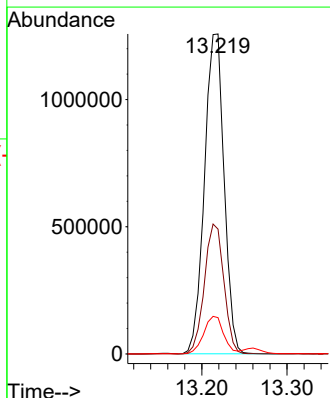
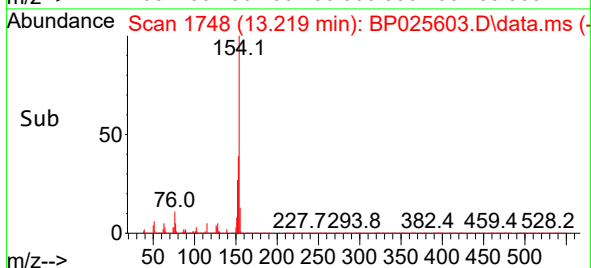
Reviewed By :Rahul Chavli 08/28/2025  
Supervised By :Jagrut Upadhyay 08/28/2025

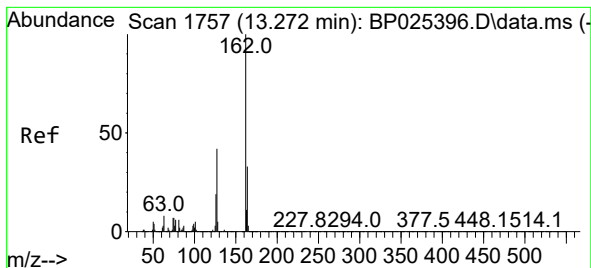


#46  
1,1'-Biphenyl  
Concen: 66.493 ng  
RT: 13.219 min Scan# 1748  
Delta R.T. -0.012 min  
Lab File: BP025603.D  
Acq: 27 Aug 2025 15:00



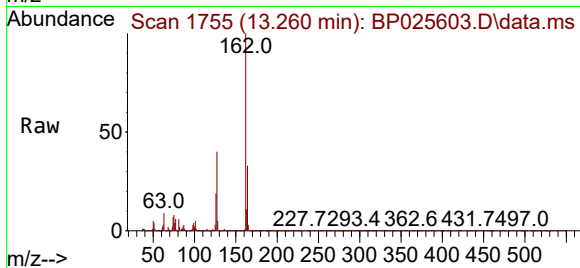
Tgt Ion:154 Resp: 2017741  
Ion Ratio Lower Upper  
154 100  
153 39.0 19.5 59.5  
76 11.3 0.0 31.1





#47  
2-Chloronaphthalene  
Concen: 46.423 ng  
RT: 13.260 min Scan# 1755  
Delta R.T. -0.012 min  
Lab File: BP025603.D  
Acq: 27 Aug 2025 15:00

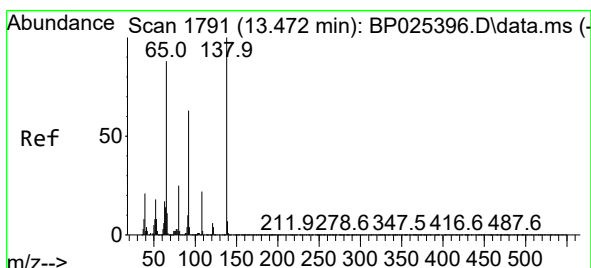
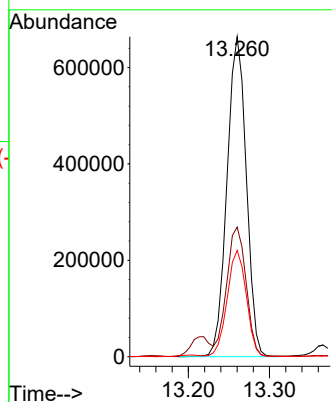
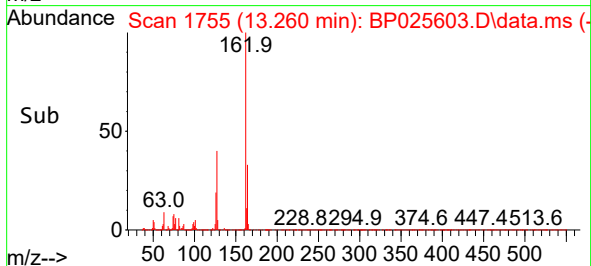
Instrument :  
BNA\_P  
ClientSampleId :  
MW-201-082025MSD



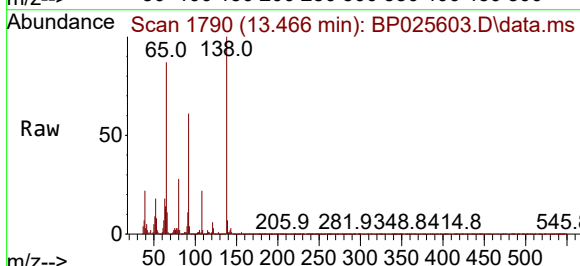
Tgt Ion:162 Resp: 109667  
Ion Ratio Lower Upper  
162 100  
127 40.5 33.4 50.2  
164 33.2 26.2 39.2

Manual Integrations  
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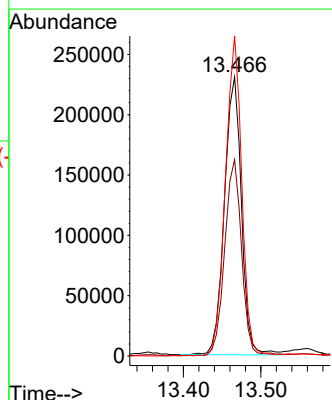
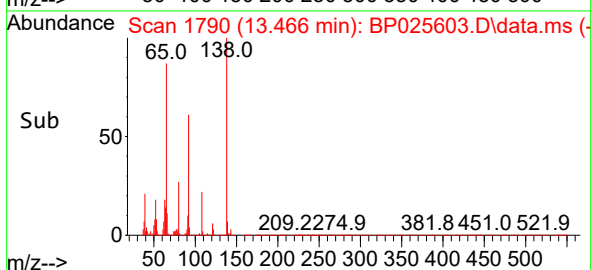
Reviewed By :Rahul Chavli 08/28/2025  
Supervised By :Jagrut Upadhyay 08/28/2025

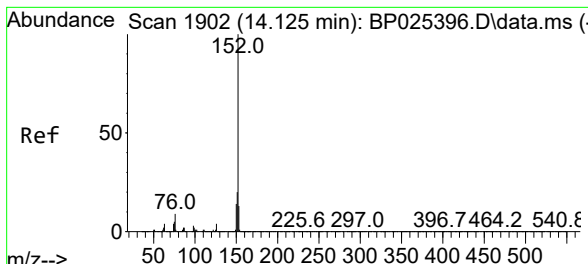


#48  
2-Nitroaniline  
Concen: 51.231 ng  
RT: 13.466 min Scan# 1790  
Delta R.T. -0.006 min  
Lab File: BP025603.D  
Acq: 27 Aug 2025 15:00



Tgt Ion: 65 Resp: 352640  
Ion Ratio Lower Upper  
65 100  
92 70.4 57.6 86.4  
138 114.7 91.0 136.6





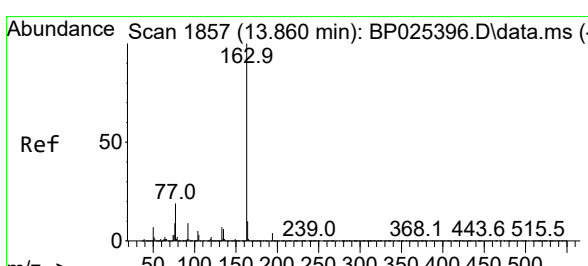
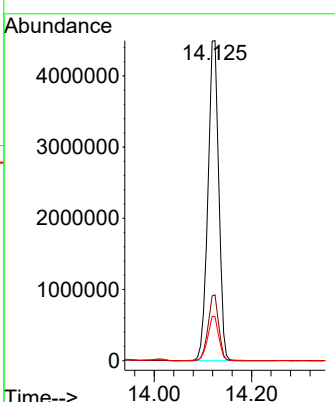
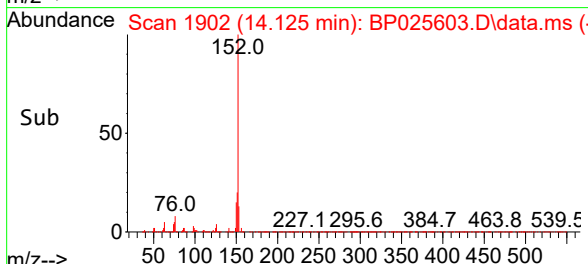
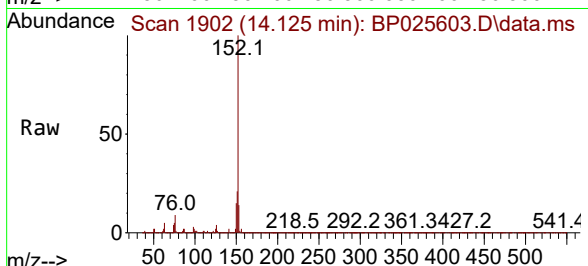
#49  
 Acenaphthylene  
 Concen: 176.403 ng  
 RT: 14.125 min Scan# 1902  
 Delta R.T. 0.000 min  
 Lab File: BP025603.D  
 Acq: 27 Aug 2025 15:00

Instrument : BNA\_P  
 ClientSampleId : MW-201-082025MSD

Tgt Ion:152 Resp: 689560

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 152 | 100   |       |       |
| 151 | 20.6  | 16.0  | 24.0  |
| 153 | 13.7  | 10.6  | 15.8  |

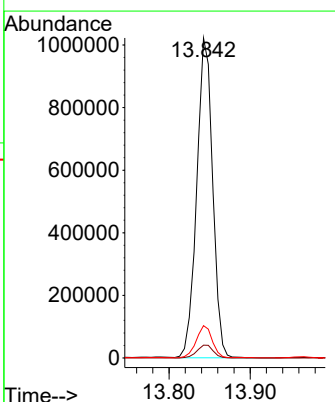
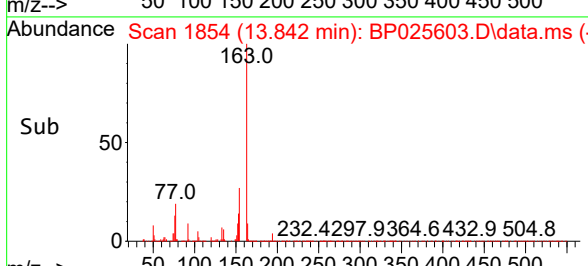
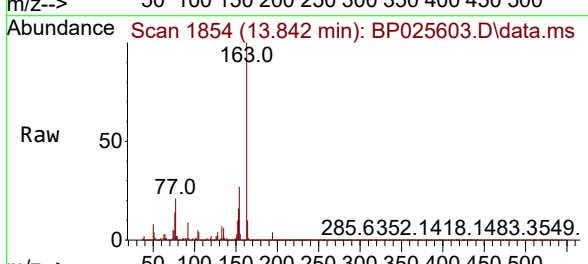
Manual Integrations  
**APPROVED**  
 Reviewed By :Rahul Chavli 08/28/2025  
 Supervised By :Jagrut Upadhyay 08/28/2025

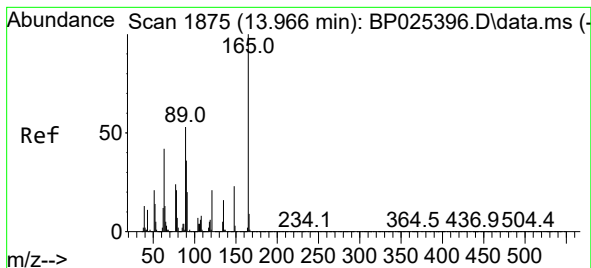


#50  
 Dimethylphthalate  
 Concen: 45.456 ng  
 RT: 13.842 min Scan# 1854  
 Delta R.T. -0.018 min  
 Lab File: BP025603.D  
 Acq: 27 Aug 2025 15:00

Tgt Ion:163 Resp: 1390812

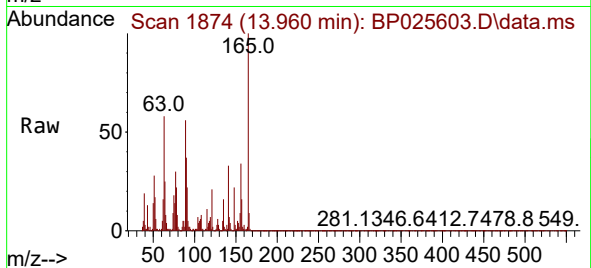
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 163 | 100   |       |       |
| 194 | 4.0   | 3.4   | 5.0   |
| 164 | 10.1  | 7.9   | 11.9  |





#51  
2,6-Dinitrotoluene  
Concen: 48.710 ng  
RT: 13.960 min Scan# 1875  
Delta R.T. -0.006 min  
Lab File: BP025603.D  
Acq: 27 Aug 2025 15:00

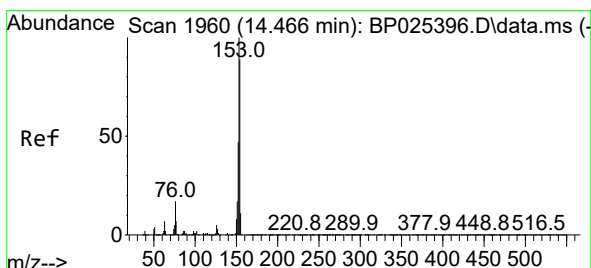
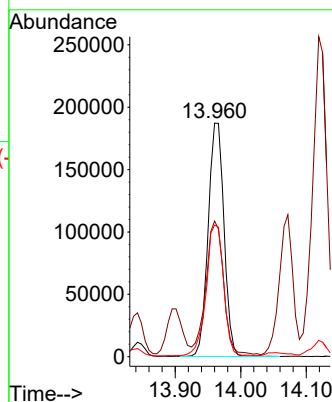
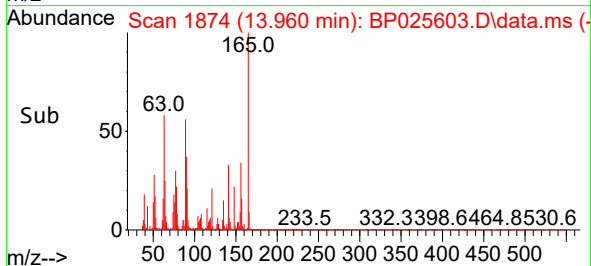
Instrument :  
BNA\_P  
ClientSampleId :  
MW-201-082025MSD



Tgt Ion:165 Resp: 31413  
Ion Ratio Lower Upper  
165 100  
63 58.1 40.9 61.3  
89 56.4 42.1 63.1

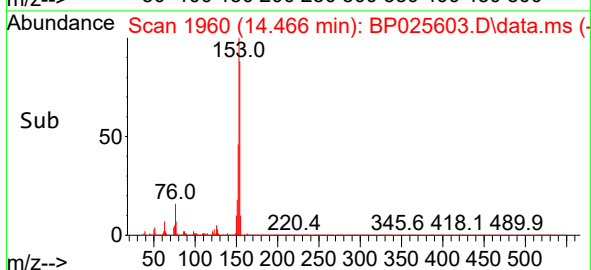
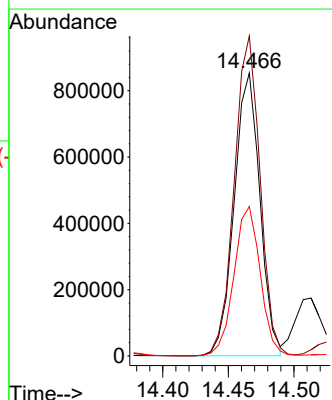
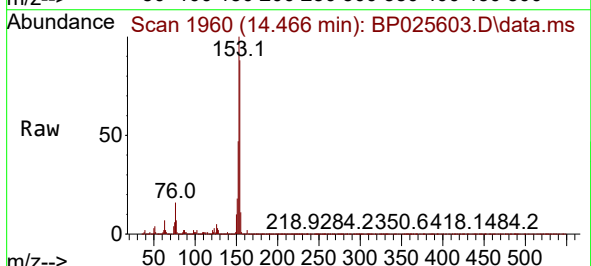
Manual Integrations  
APPROVED

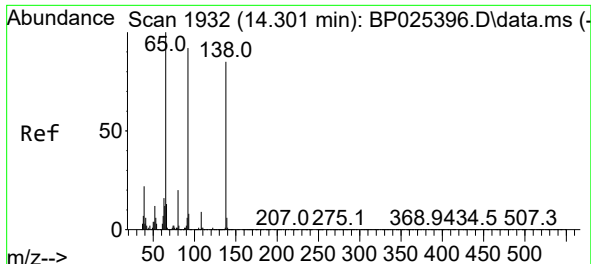
Reviewed By :Rahul Chavli 08/28/2025  
Supervised By :Jagrut Upadhyay 08/28/2025



#52  
Acenaphthene  
Concen: 50.872 ng  
RT: 14.466 min Scan# 1960  
Delta R.T. 0.000 min  
Lab File: BP025603.D  
Acq: 27 Aug 2025 15:00

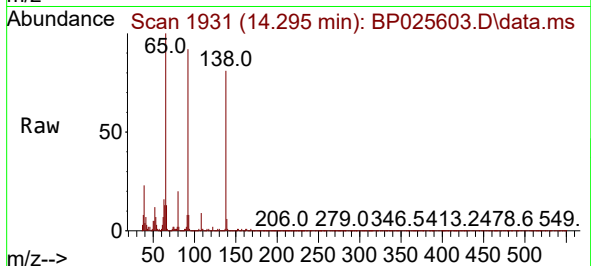
Tgt Ion:154 Resp: 1167251  
Ion Ratio Lower Upper  
154 100  
153 113.0 90.2 135.2  
152 52.8 42.1 63.1





#53  
3-Nitroaniline  
Concen: 30.782 ng  
RT: 14.295 min Scan# 1931  
Delta R.T. -0.006 min  
Lab File: BP025603.D  
Acq: 27 Aug 2025 15:00

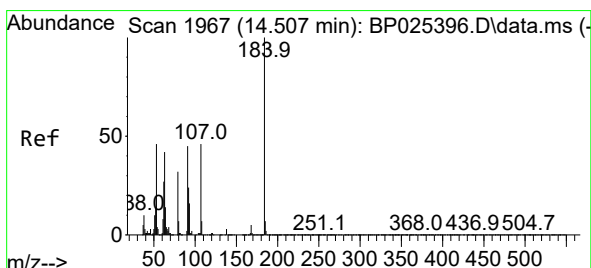
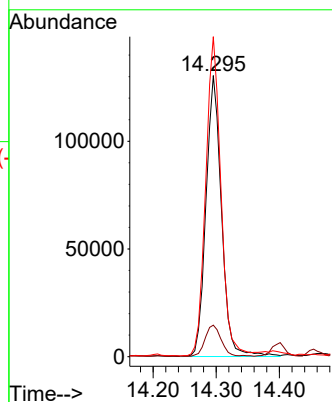
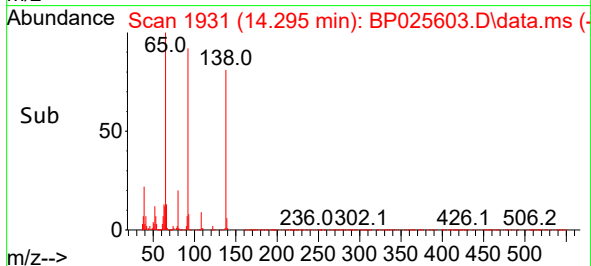
Instrument :  
BNA\_P  
ClientSampleId :  
MW-201-082025MSD



Tgt Ion:138 Resp: 223340  
Ion Ratio Lower Upper  
138 100  
108 11.2 8.3 12.5  
92 113.8 86.2 129.2

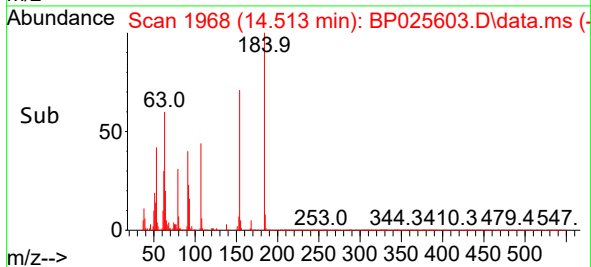
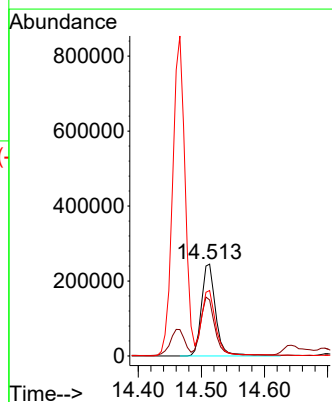
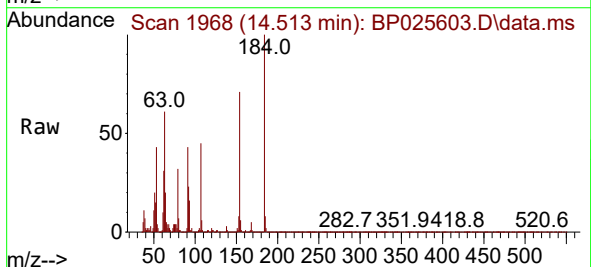
Manual Integrations  
APPROVED

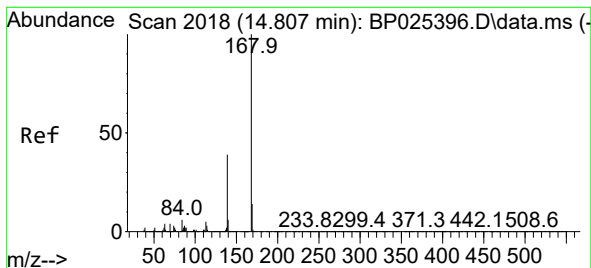
Reviewed By :Rahul Chavli 08/28/2025  
Supervised By :Jagrut Upadhyay 08/28/2025



#54  
2,4-Dinitrophenol  
Concen: 111.288 ng  
RT: 14.513 min Scan# 1968  
Delta R.T. 0.006 min  
Lab File: BP025603.D  
Acq: 27 Aug 2025 15:00

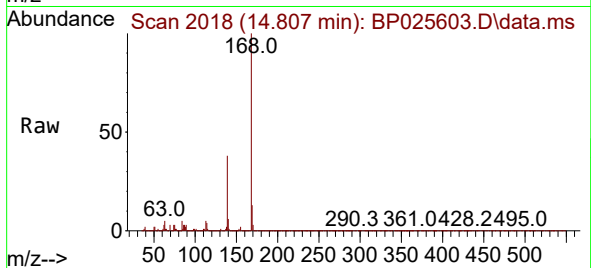
Tgt Ion:184 Resp: 383271  
Ion Ratio Lower Upper  
184 100  
63 61.0 49.4 74.2  
154 71.3 54.6 82.0





#55  
Dibenzenofuran  
Concen: 48.631 ng  
RT: 14.807 min Scan# 2018  
Delta R.T. 0.000 min  
Lab File: BP025603.D  
Acq: 27 Aug 2025 15:00

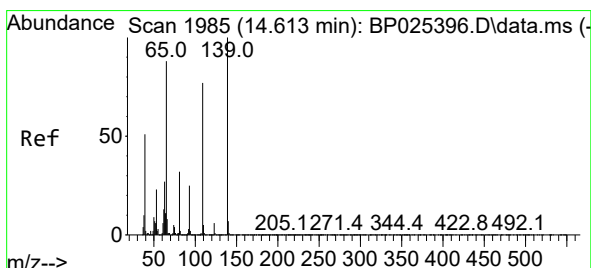
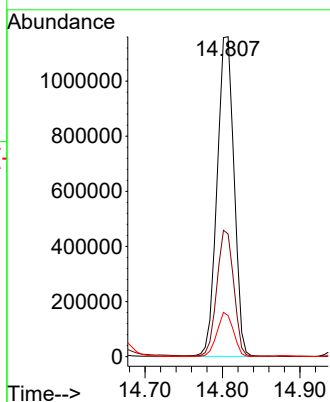
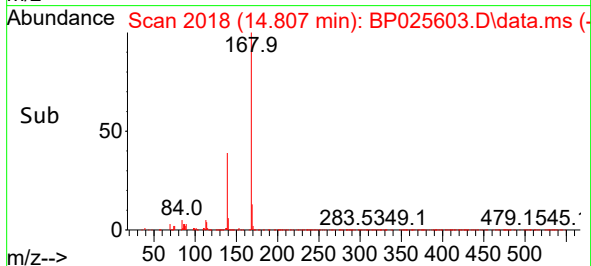
Instrument :  
BNA\_P  
ClientSampleId :  
MW-201-082025MSD



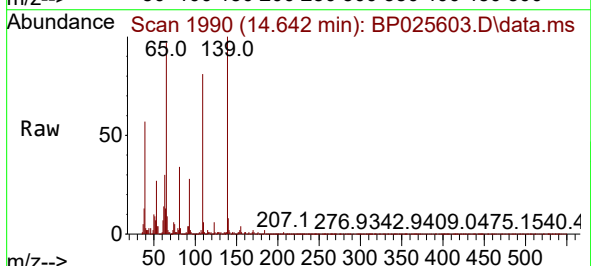
Tgt Ion:168 Resp: 176417  
Ion Ratio Lower Upper  
168 100  
139 38.3 31.5 47.3  
169 12.9 10.9 16.3

Manual Integrations  
APPROVED

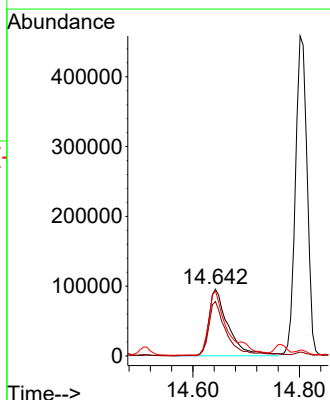
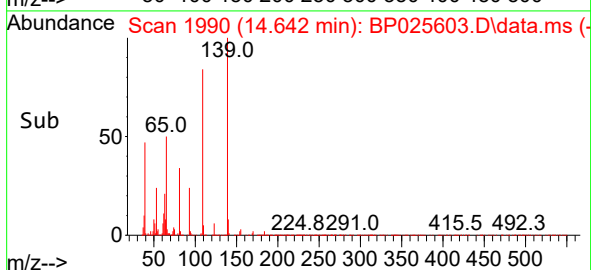
Reviewed By :Rahul Chavli 08/28/2025  
Supervised By :Jagrut Upadhyay 08/28/2025

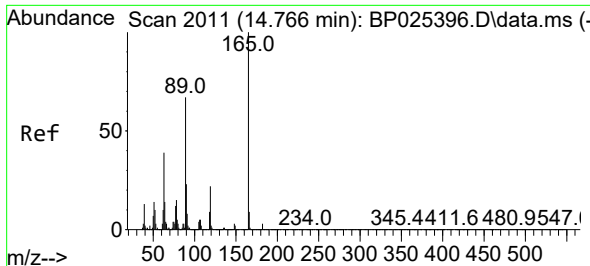


#56  
4-Nitrophenol  
Concen: 40.537 ng  
RT: 14.642 min Scan# 1990  
Delta R.T. 0.029 min  
Lab File: BP025603.D  
Acq: 27 Aug 2025 15:00



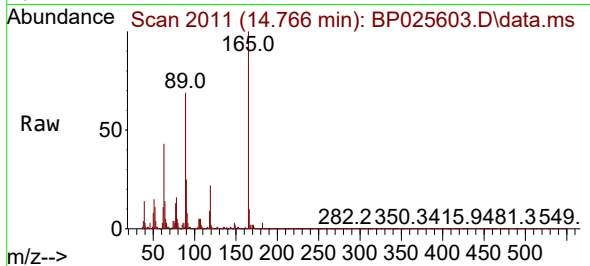
Tgt Ion:139 Resp: 241694  
Ion Ratio Lower Upper  
139 100  
109 81.5 56.6 96.6  
65 97.4 68.2 108.2





#57  
2,4-Dinitrotoluene  
Concen: 49.866 ng  
RT: 14.766 min Scan# 2011  
Delta R.T. 0.000 min  
Lab File: BP025603.D  
Acq: 27 Aug 2025 15:00

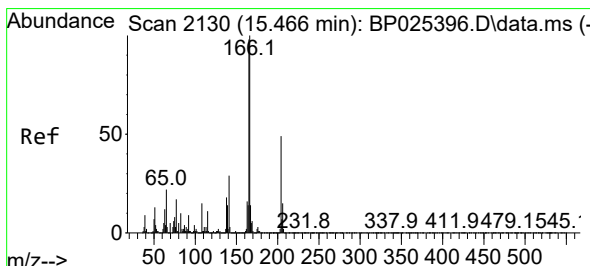
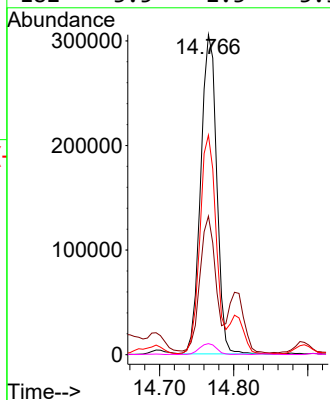
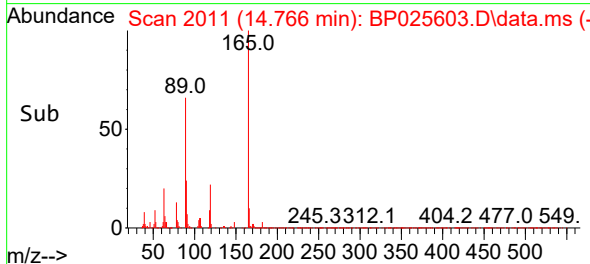
Instrument :  
BNA\_P  
ClientSampleId :  
MW-201-082025MSD



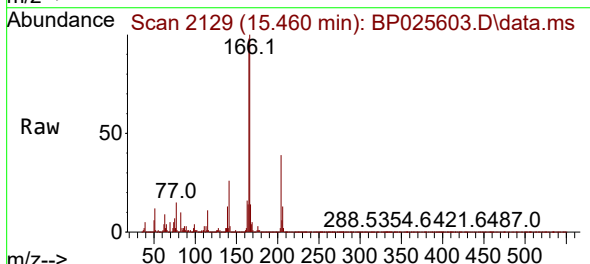
Tgt Ion:165 Resp: 458819  
Ion Ratio Lower Upper  
165 100  
63 43.3 31.4 47.2  
89 68.6 53.3 79.9  
182 3.5 2.3 3.5

Manual Integrations  
APPROVED

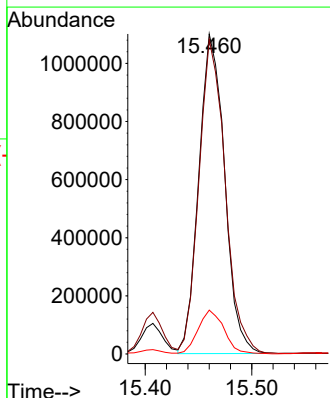
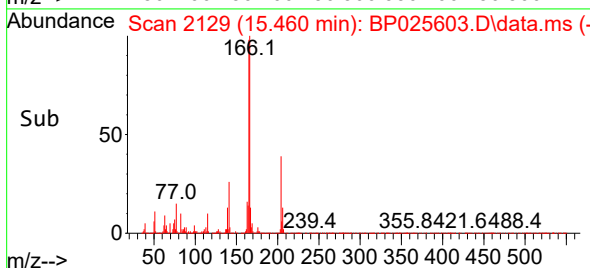
Reviewed By :Rahul Chavli 08/28/2025  
Supervised By :Jagrut Upadhyay 08/28/2025

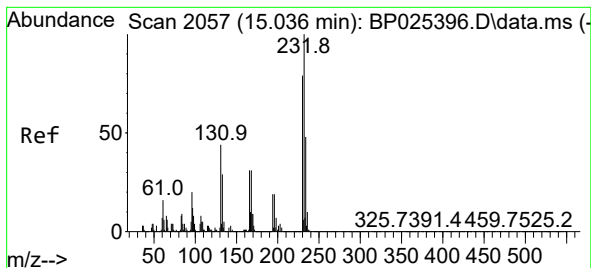


#58  
Fluorene  
Concen: 64.638 ng  
RT: 15.460 min Scan# 2129  
Delta R.T. -0.006 min  
Lab File: BP025603.D  
Acq: 27 Aug 2025 15:00



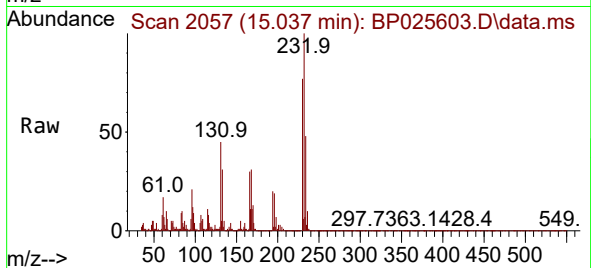
Tgt Ion:166 Resp: 1850230  
Ion Ratio Lower Upper  
166 100  
165 98.3 78.8 118.2  
167 13.7 11.0 16.4





#59  
2,3,4,6-Tetrachlorophenol  
Concen: 48.091 ng  
RT: 15.037 min Scan# 2057  
Delta R.T. 0.000 min  
Lab File: BP025603.D  
Acq: 27 Aug 2025 15:00

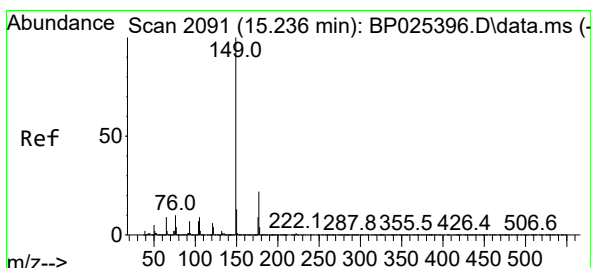
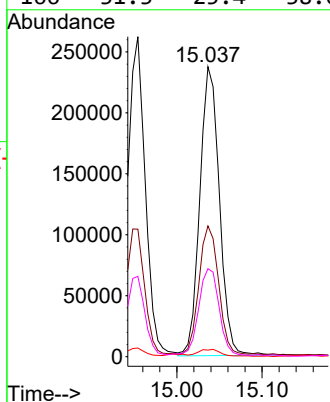
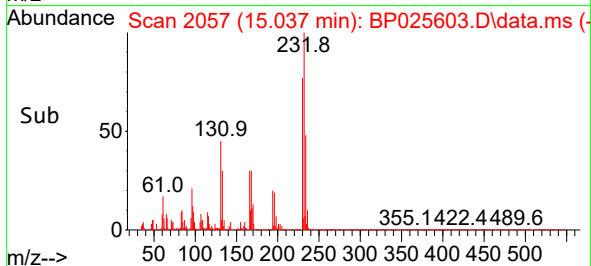
Instrument :  
BNA\_P  
ClientSampleId :  
MW-201-082025MSD



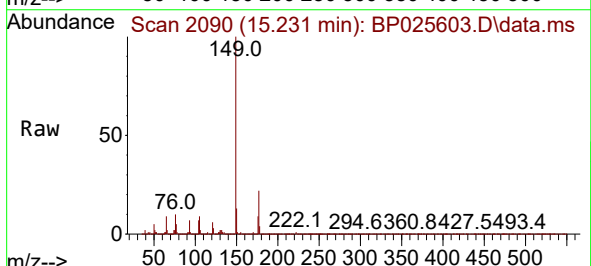
Tgt Ion:232 Resp: 379145  
Ion Ratio Lower Upper  
232 100  
131 44.9 37.0 55.6  
130 2.7 1.9 2.9  
166 31.3 25.4 38.0

Manual Integrations  
APPROVED

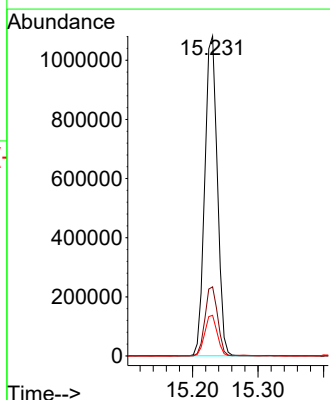
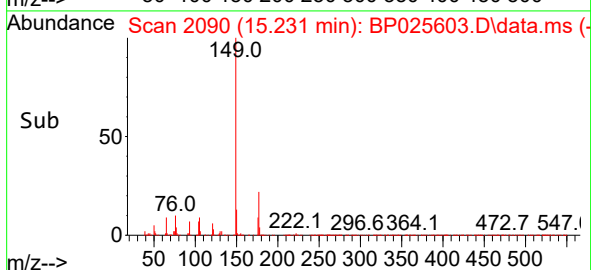
Reviewed By :Rahul Chavli 08/28/2025  
Supervised By :Jagrut Upadhyay 08/28/2025

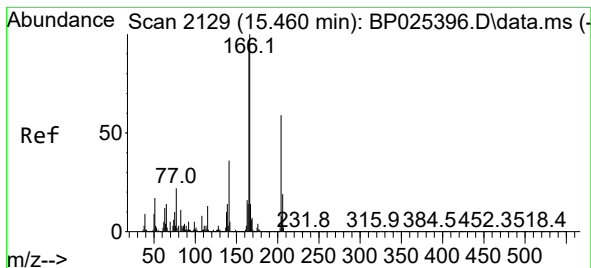


#60  
Diethylphthalate  
Concen: 46.416 ng  
RT: 15.231 min Scan# 2090  
Delta R.T. -0.006 min  
Lab File: BP025603.D  
Acq: 27 Aug 2025 15:00



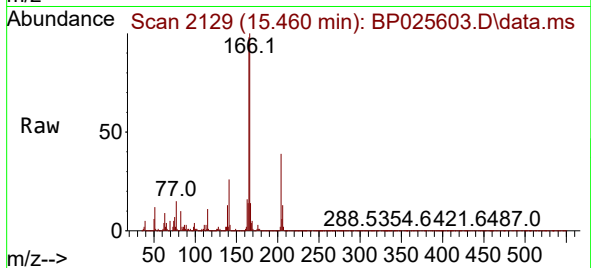
Tgt Ion:149 Resp: 1443076  
Ion Ratio Lower Upper  
149 100  
177 21.6 17.3 25.9  
150 12.7 10.3 15.5





#61  
4-Chlorophenyl-phenylether  
Concen: 46.058 ng  
RT: 15.460 min Scan# 2129  
Delta R.T. 0.000 min  
Lab File: BP025603.D  
Acq: 27 Aug 2025 15:00

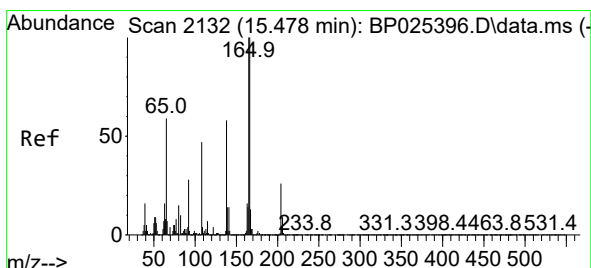
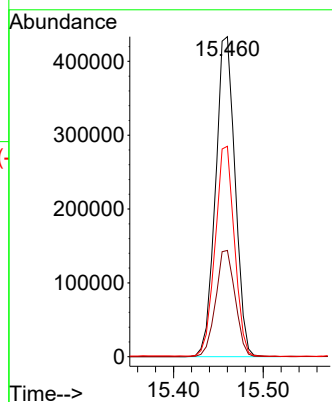
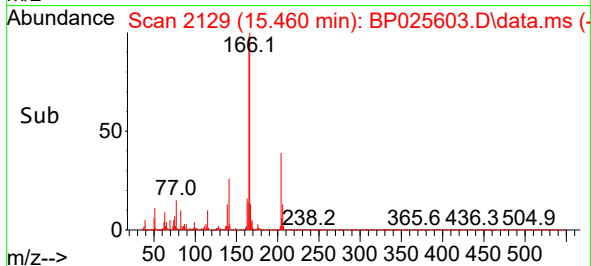
Instrument :  
BNA\_P  
ClientSampleId :  
MW-201-082025MSD



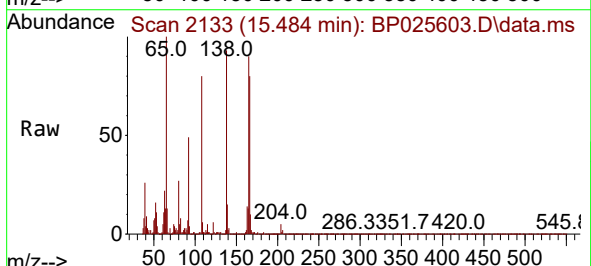
Tgt Ion:204 Resp: 655680  
Ion Ratio Lower Upper  
204 100  
206 33.2 25.8 38.8  
141 65.7 49.4 74.2

Manual Integrations  
APPROVED

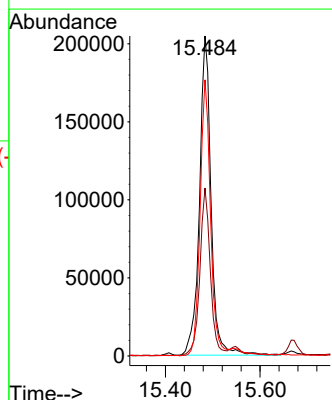
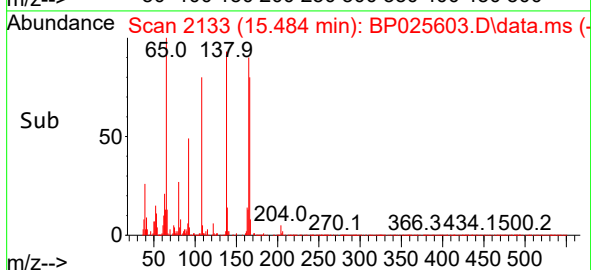
Reviewed By :Rahul Chavli 08/28/2025  
Supervised By :Jagrut Upadhyay 08/28/2025

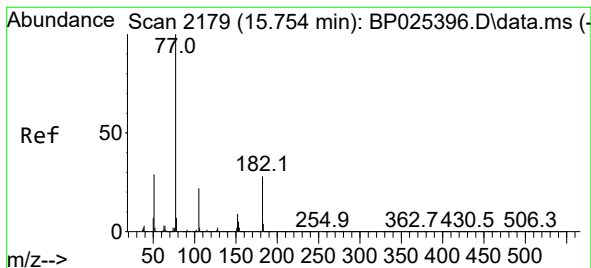


#62  
4-Nitroaniline  
Concen: 46.936 ng  
RT: 15.484 min Scan# 2133  
Delta R.T. 0.006 min  
Lab File: BP025603.D  
Acq: 27 Aug 2025 15:00



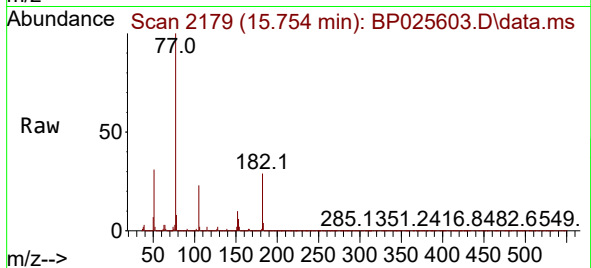
Tgt Ion:138 Resp: 349130  
Ion Ratio Lower Upper  
138 100  
92 52.5 29.1 69.1  
108 86.3 61.5 101.5





#63  
Azobenzene  
Concen: 49.274 ng  
RT: 15.754 min Scan# 2179  
Delta R.T. 0.000 min  
Lab File: BP025603.D  
Acq: 27 Aug 2025 15:00

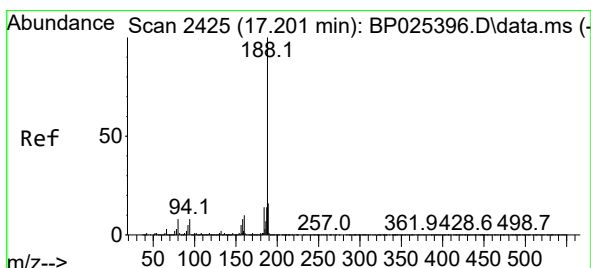
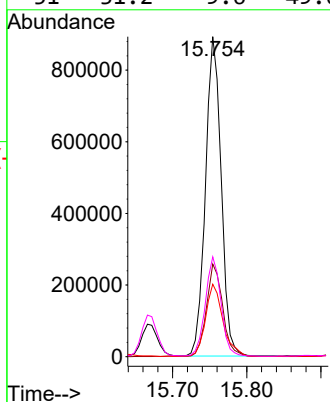
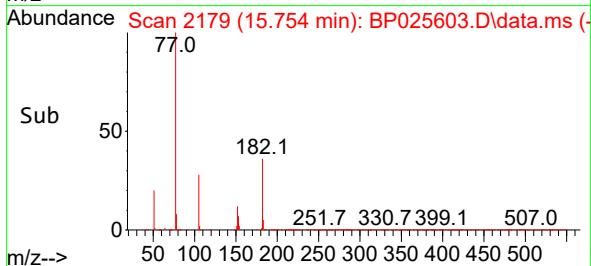
Instrument :  
BNA\_P  
ClientSampleId :  
MW-201-082025MSD



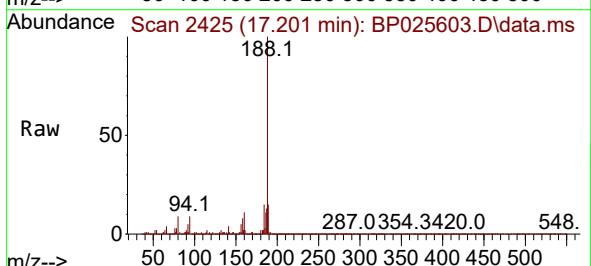
Tgt Ion: 77 Resp: 131174  
Ion Ratio Lower Upper  
77 100  
182 29.0 7.5 47.5  
105 22.7 2.1 42.1  
51 31.2 9.6 49.6

Manual Integrations  
APPROVED

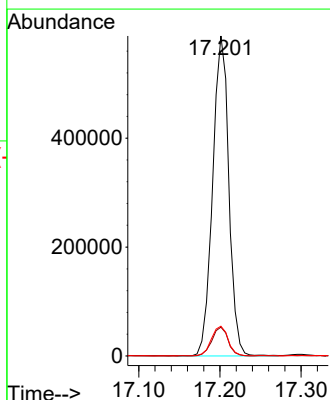
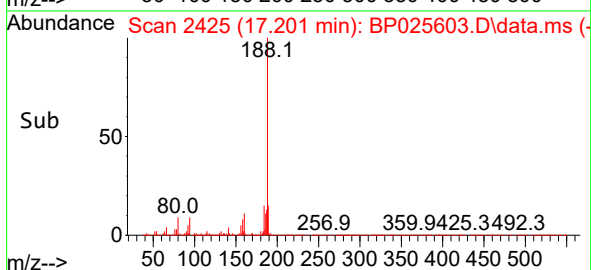
Reviewed By :Rahul Chavli 08/28/2025  
Supervised By :Jagrut Upadhyay 08/28/2025

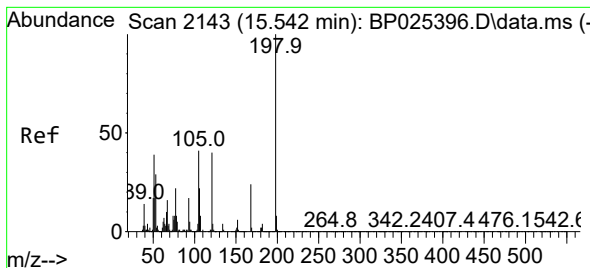


#64  
Phenanthrene-d10  
Concen: 20.000 ng  
RT: 17.201 min Scan# 2425  
Delta R.T. 0.000 min  
Lab File: BP025603.D  
Acq: 27 Aug 2025 15:00



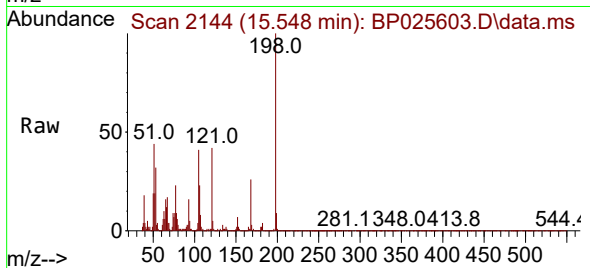
Tgt Ion:188 Resp: 814298  
Ion Ratio Lower Upper  
188 100  
94 9.0 6.6 10.0  
80 9.3 6.7 10.1





#65  
4,6-Dinitro-2-methylphenol  
Concen: 52.915 ng  
RT: 15.548 min Scan# 2143  
Delta R.T. 0.006 min  
Lab File: BP025603.D  
Acq: 27 Aug 2025 15:00

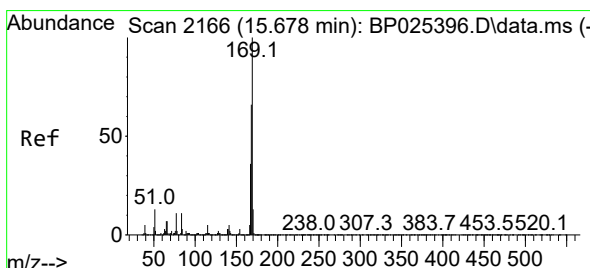
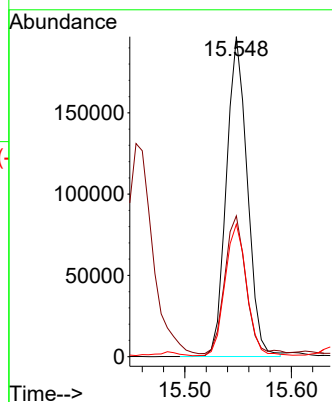
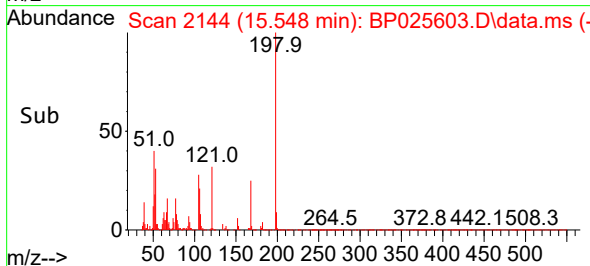
Instrument :  
BNA\_P  
ClientSampleId :  
MW-201-082025MSD



Tgt Ion:198 Resp: 268592  
Ion Ratio Lower Upper  
198 100  
51 44.0 19.6 59.6  
105 41.4 20.9 60.9

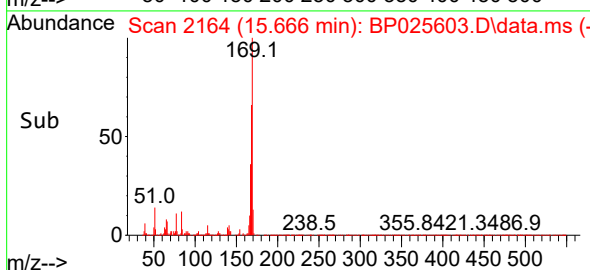
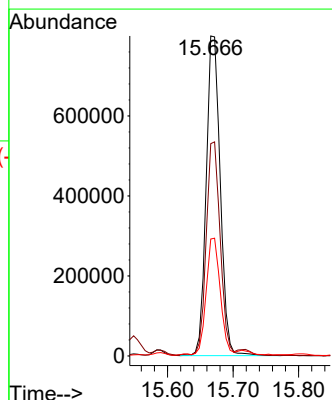
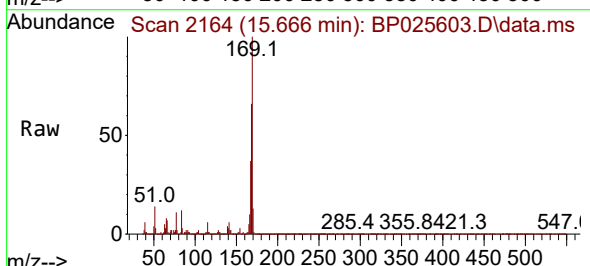
Manual Integrations  
APPROVED

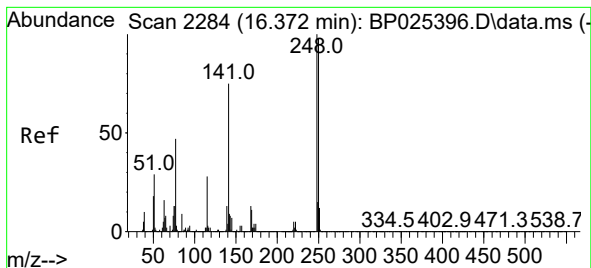
Reviewed By :Rahul Chavli 08/28/2025  
Supervised By :Jagrut Upadhyay 08/28/2025



#66  
n-Nitrosodiphenylamine  
Concen: 48.017 ng  
RT: 15.666 min Scan# 2164  
Delta R.T. -0.012 min  
Lab File: BP025603.D  
Acq: 27 Aug 2025 15:00

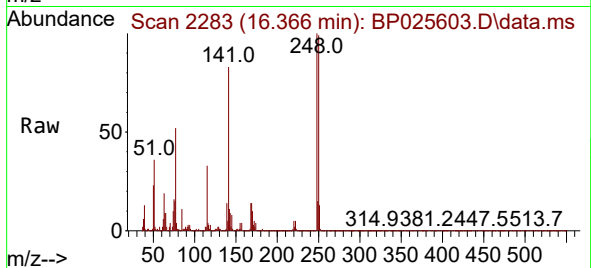
Tgt Ion:169 Resp: 1192328  
Ion Ratio Lower Upper  
169 100  
168 66.4 53.2 79.8  
167 36.5 28.7 43.1





#67  
4-Bromophenyl-phenylether  
Concen: 49.383 ng  
RT: 16.366 min Scan# 21  
Delta R.T. -0.006 min  
Lab File: BP025603.D  
Acq: 27 Aug 2025 15:00

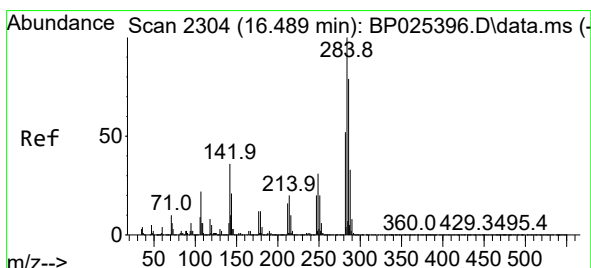
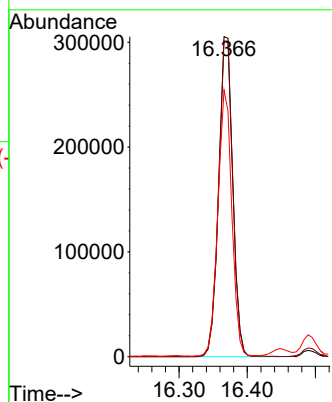
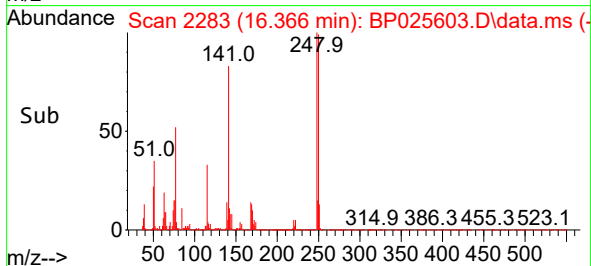
Instrument :  
BNA\_P  
ClientSampleId :  
MW-201-082025MSD



Tgt Ion:248 Resp: 44226  
Ion Ratio Lower Upper  
248 100  
250 98.7 78.2 117.2  
141 83.3 59.6 89.4

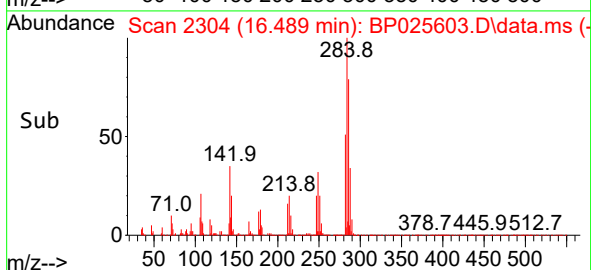
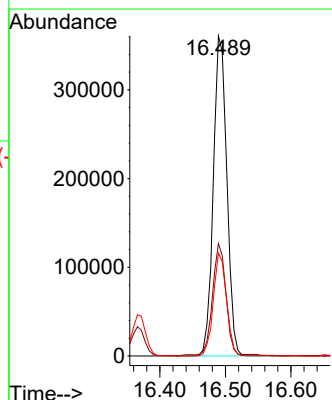
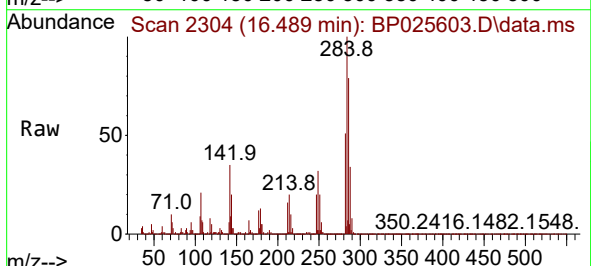
Manual Integrations  
APPROVED

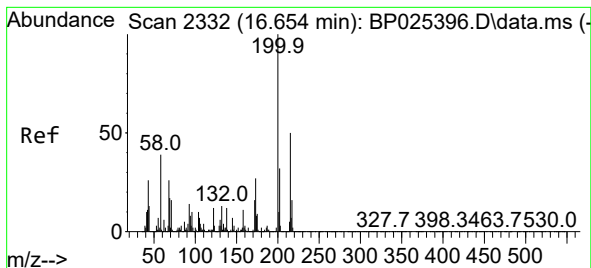
Reviewed By :Rahul Chavli 08/28/2025  
Supervised By :Jagrut Upadhyay 08/28/2025



#68  
Hexachlorobenzene  
Concen: 49.728 ng  
RT: 16.489 min Scan# 2304  
Delta R.T. 0.000 min  
Lab File: BP025603.D  
Acq: 27 Aug 2025 15:00

Tgt Ion:284 Resp: 516257  
Ion Ratio Lower Upper  
284 100  
142 35.1 29.1 43.7  
249 32.1 25.0 37.4





#69

Atrazine

Concen: 46.099 ng

RT: 16.654 min Scan# 21

Delta R.T. 0.000 min

Lab File: BP025603.D

Acq: 27 Aug 2025 15:00

Instrument :

BNA\_P

ClientSampleId :

MW-201-082025MSD

Tgt Ion:200 Resp: 428690

Ion Ratio Lower Upper

200 100

173 26.8 6.7 46.7

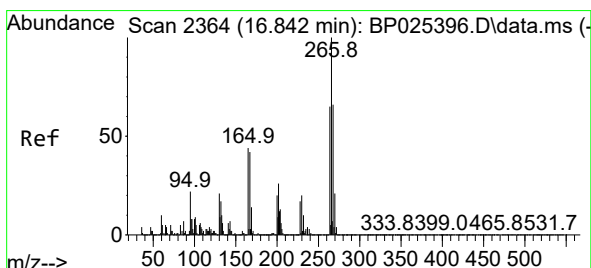
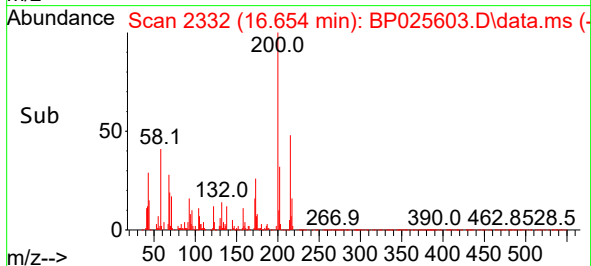
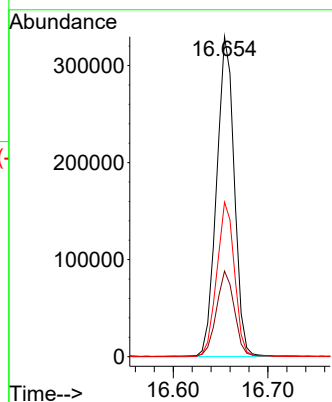
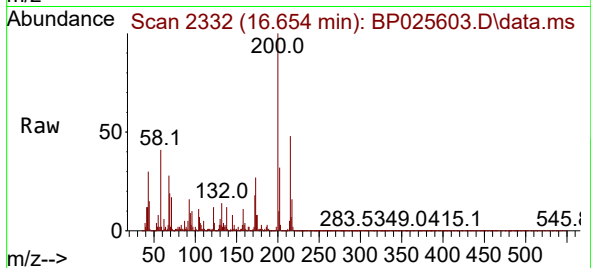
215 48.3 29.7 69.7

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 08/28/2025

Supervised By :Jagrut Upadhyay 08/28/2025



#70

Pentachlorophenol

Concen: 100.616 ng

RT: 16.848 min Scan# 2365

Delta R.T. 0.006 min

Lab File: BP025603.D

Acq: 27 Aug 2025 15:00

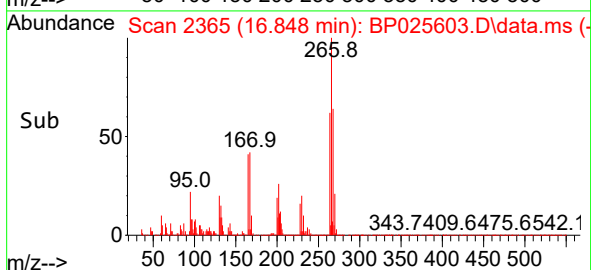
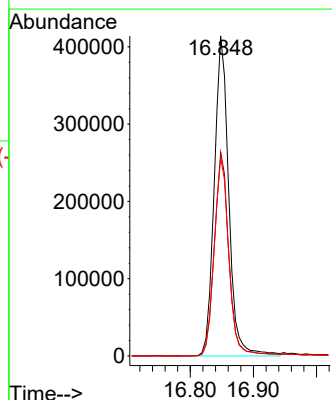
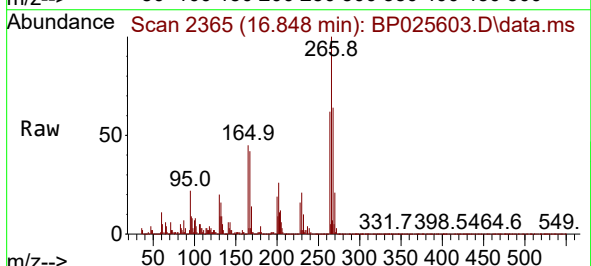
Tgt Ion:266 Resp: 659376

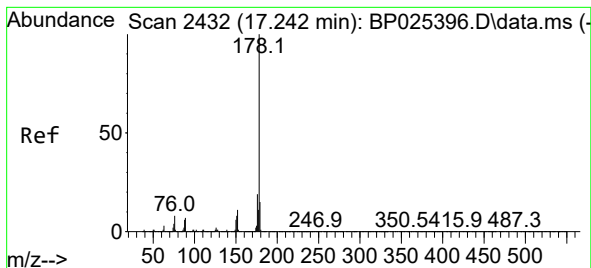
Ion Ratio Lower Upper

266 100

268 63.7 52.6 79.0

264 62.1 52.0 78.0





#71

Phenanthrene

Concen: 63.828 ng

RT: 17.242 min Scan# 2432

Delta R.T. 0.000 min

Lab File: BP025603.D

Acq: 27 Aug 2025 15:00

Instrument :

BNA\_P

ClientSampleId :

MW-201-082025MSD

Tgt Ion:178 Resp: 285515

Ion Ratio Lower Upper

178 100

176 19.0 15.5 23.3

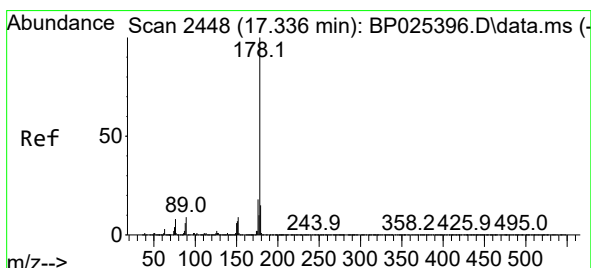
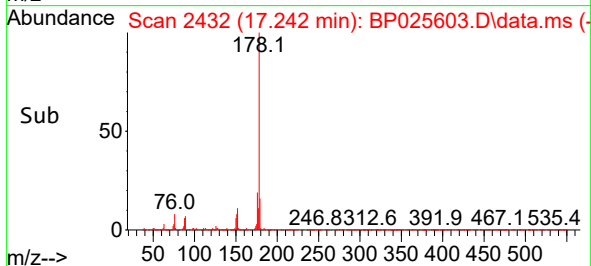
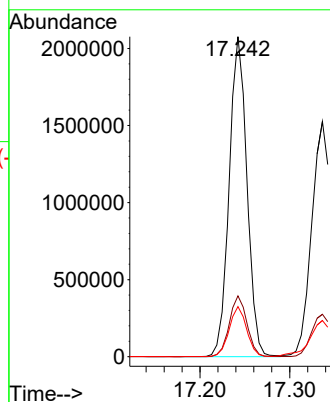
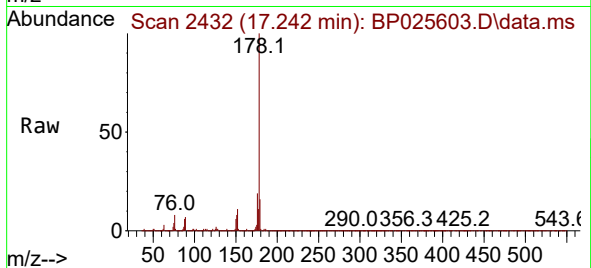
179 15.7 12.2 18.4

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 08/28/2025

Supervised By :Jagrut Upadhyay 08/28/2025



#72

Anthracene

Concen: 50.545 ng

RT: 17.336 min Scan# 2448

Delta R.T. 0.000 min

Lab File: BP025603.D

Acq: 27 Aug 2025 15:00

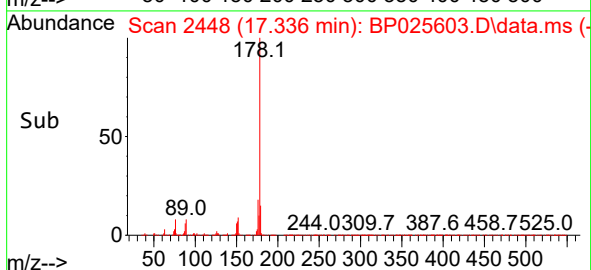
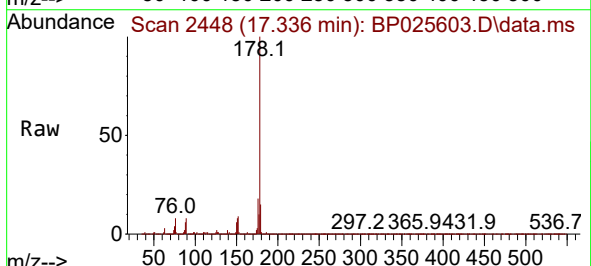
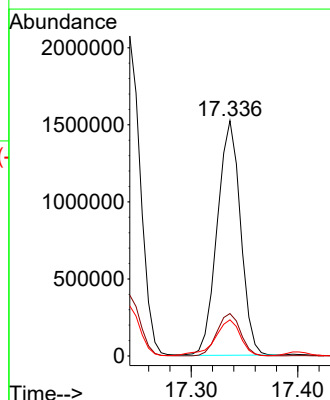
Tgt Ion:178 Resp: 2308905

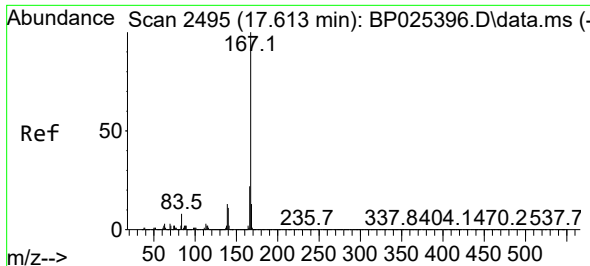
Ion Ratio Lower Upper

178 100

176 18.0 14.7 22.1

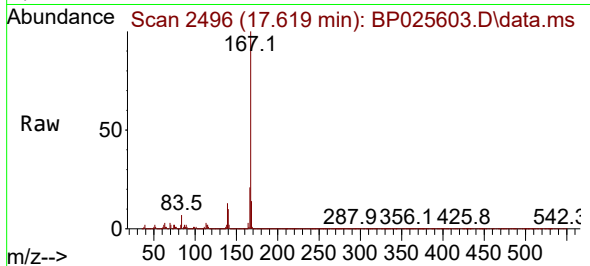
179 15.4 12.2 18.2





#73  
 Carbazole  
 Concen: 60.300 ng  
 RT: 17.619 min Scan# 2495  
 Delta R.T. 0.006 min  
 Lab File: BP025603.D  
 Acq: 27 Aug 2025 15:00

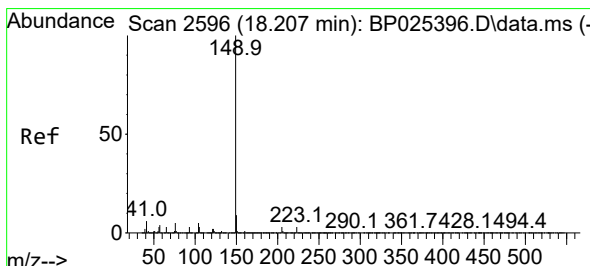
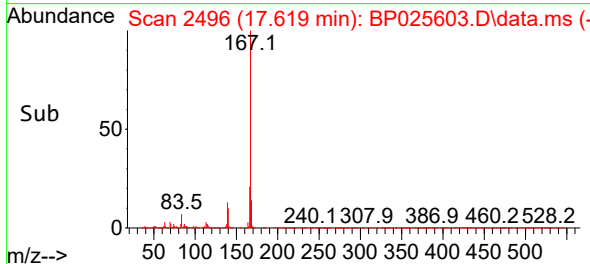
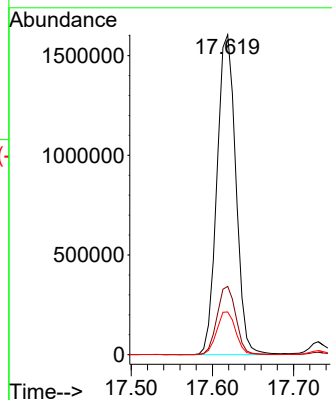
Instrument :  
 BNA\_P  
 ClientSampleId :  
 MW-201-082025MSD



Tgt Ion:167 Resp: 2594549  
 Ion Ratio Lower Upper  
 167 100  
 166 21.3 17.5 26.3  
 139 13.4 10.6 16.0

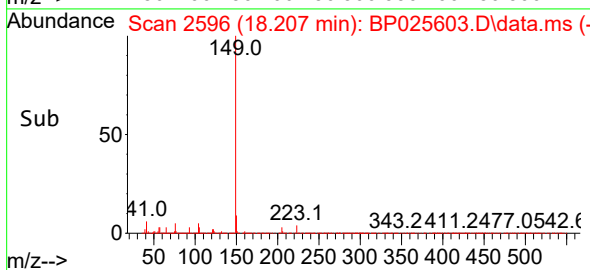
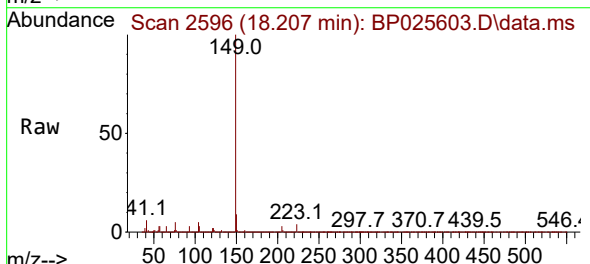
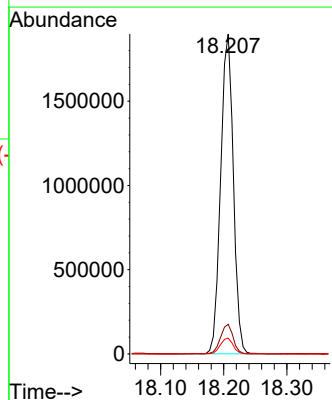
Manual Integrations  
 APPROVED

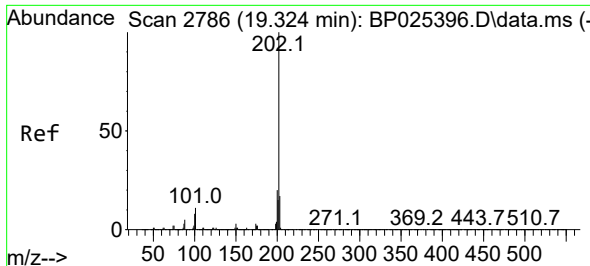
Reviewed By :Rahul Chavli 08/28/2025  
 Supervised By :Jagrut Upadhyay 08/28/2025



#74  
 Di-n-butylphthalate  
 Concen: 49.938 ng  
 RT: 18.207 min Scan# 2596  
 Delta R.T. 0.000 min  
 Lab File: BP025603.D  
 Acq: 27 Aug 2025 15:00

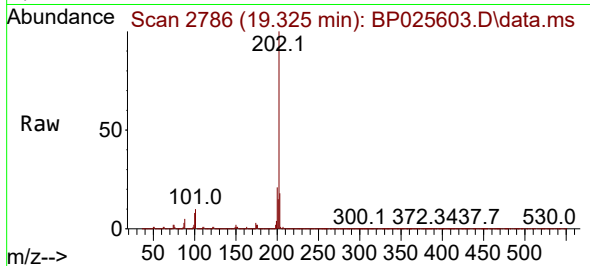
Tgt Ion:149 Resp: 2643612  
 Ion Ratio Lower Upper  
 149 100  
 150 9.3 7.4 11.0  
 104 5.0 4.2 6.2





#75  
Fluoranthene  
Concen: 49.056 ng  
RT: 19.325 min Scan# 21  
Delta R.T. 0.000 min  
Lab File: BP025603.D  
Acq: 27 Aug 2025 15:00

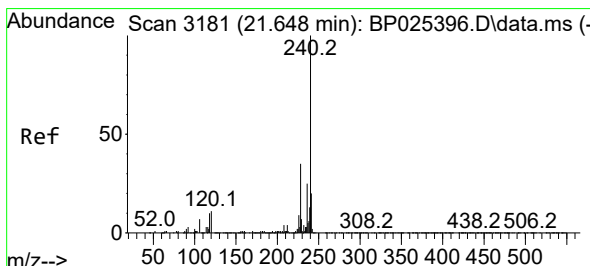
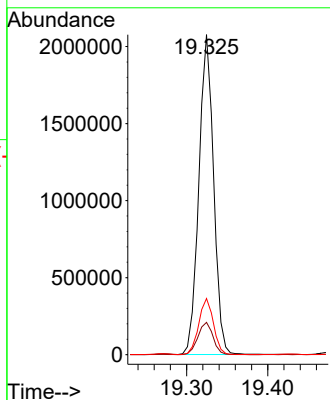
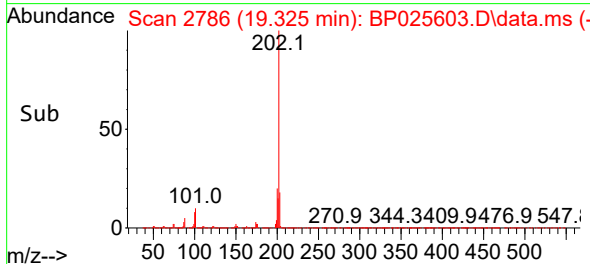
Instrument :  
BNA\_P  
ClientSampleId :  
MW-201-082025MSD



Tgt Ion:202 Resp: 261750  
Ion Ratio Lower Upper  
202 100  
101 10.1 0.0 31.1  
203 17.6 0.0 37.3

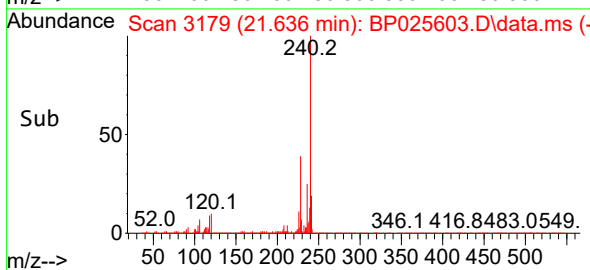
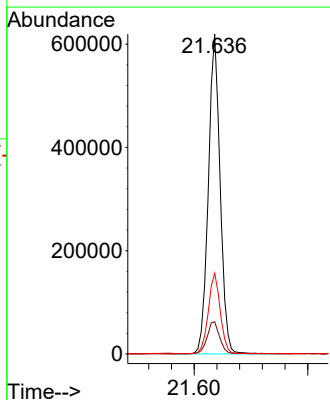
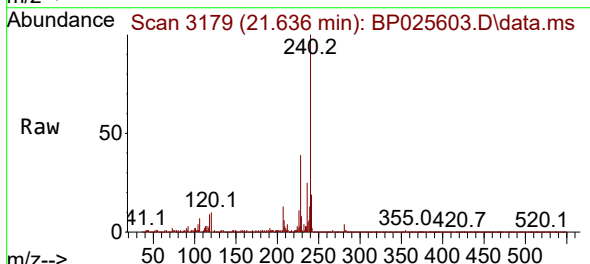
Manual Integrations  
APPROVED

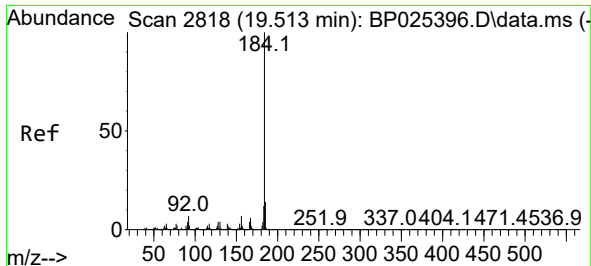
Reviewed By :Rahul Chavli 08/28/2025  
Supervised By :Jagrut Upadhyay 08/28/2025



#76  
Chrysene-d12  
Concen: 20.000 ng  
RT: 21.636 min Scan# 3179  
Delta R.T. -0.012 min  
Lab File: BP025603.D  
Acq: 27 Aug 2025 15:00

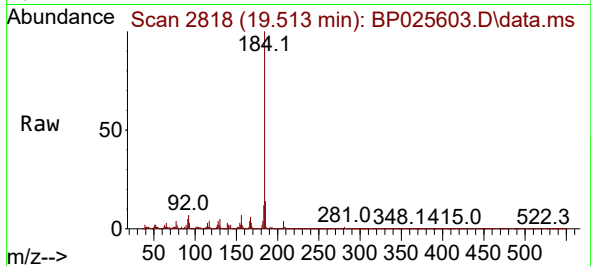
Tgt Ion:240 Resp: 887974  
Ion Ratio Lower Upper  
240 100  
120 10.1 8.9 13.3  
236 25.3 19.8 29.8





#77  
Benzidine  
Concen: 25.933 ng  
RT: 19.513 min Scan# 2818  
Delta R.T. 0.000 min  
Lab File: BP025603.D  
Acq: 27 Aug 2025 15:00

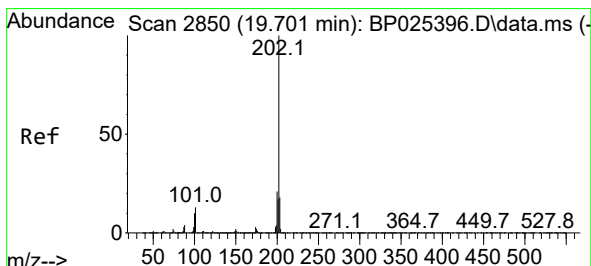
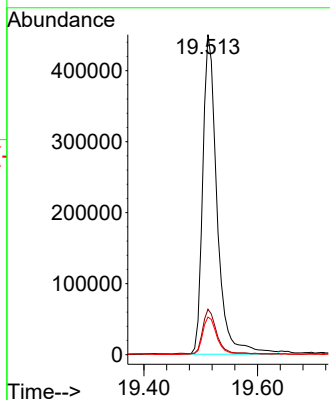
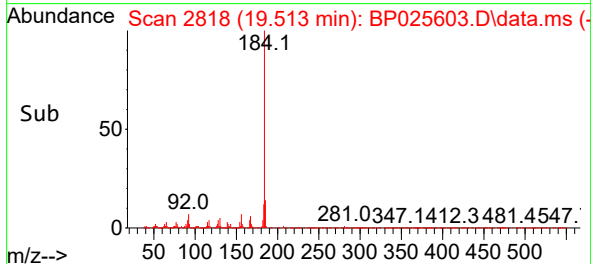
Instrument :  
BNA\_P  
ClientSampleId :  
MW-201-082025MSD



Tgt Ion:184 Resp: 785895  
Ion Ratio Lower Upper  
184 100  
185 14.2 11.5 17.3  
183 11.7 9.4 14.2

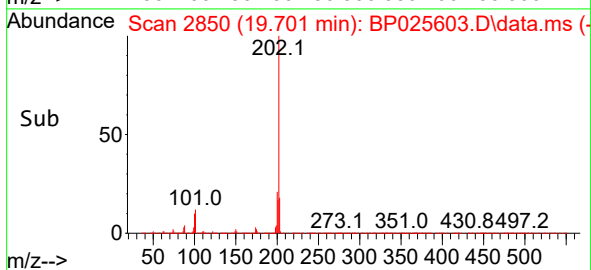
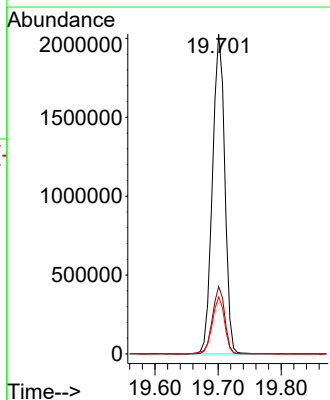
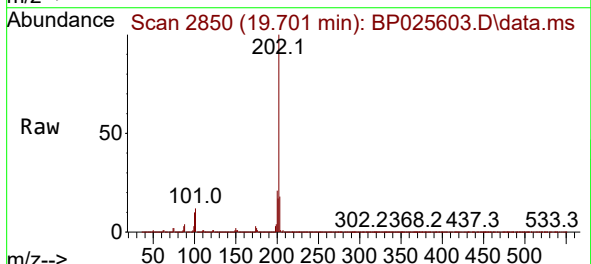
Manual Integrations  
APPROVED

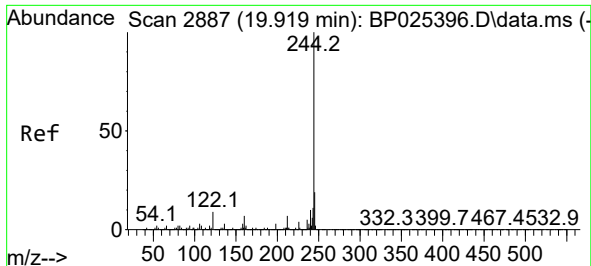
Reviewed By :Rahul Chavli 08/28/2025  
Supervised By :Jagrut Upadhyay 08/28/2025



#78  
Pyrene  
Concen: 47.550 ng  
RT: 19.701 min Scan# 2850  
Delta R.T. 0.000 min  
Lab File: BP025603.D  
Acq: 27 Aug 2025 15:00

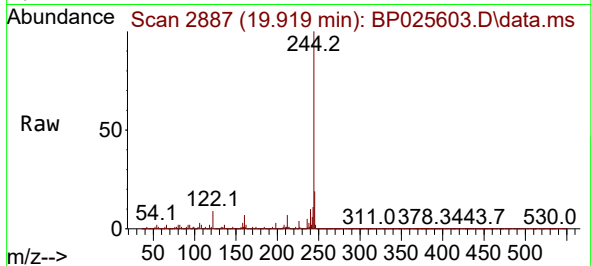
Tgt Ion:202 Resp: 2744373  
Ion Ratio Lower Upper  
202 100  
200 21.1 16.9 25.3  
203 17.8 14.2 21.2





#79  
 Terphenyl-d14  
 Concen: 76.174 ng  
 RT: 19.919 min Scan# 21  
 Delta R.T. 0.000 min  
 Lab File: BP025603.D  
 Acq: 27 Aug 2025 15:00

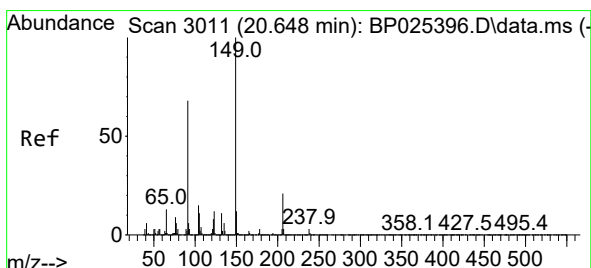
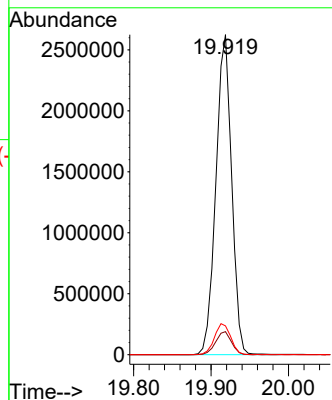
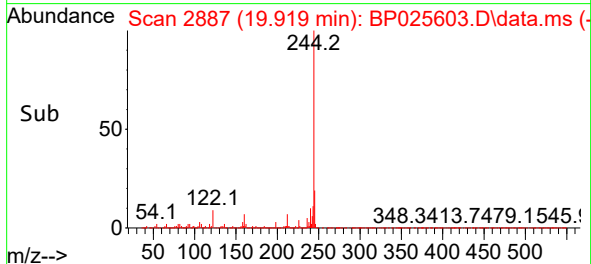
Instrument :  
 BNA\_P  
 ClientSampleId :  
 MW-201-082025MSD



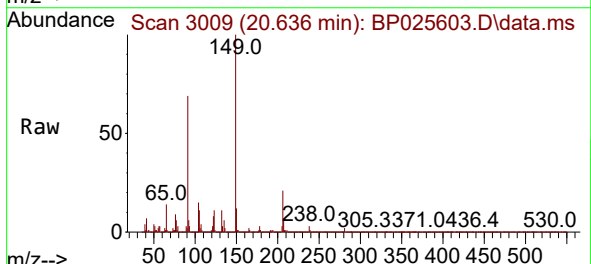
Tgt Ion:244 Resp: 369706  
 Ion Ratio Lower Upper  
 244 100  
 212 7.2 5.8 8.6  
 122 9.0 7.4 11.2

Manual Integrations  
 APPROVED

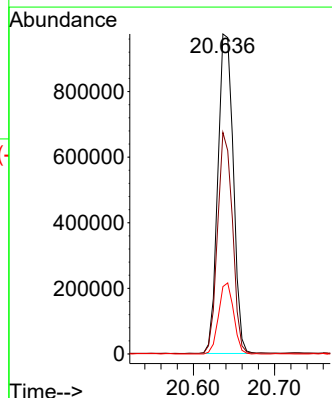
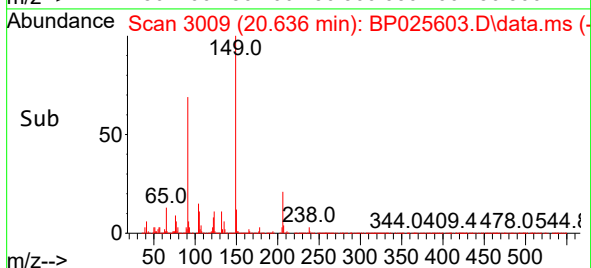
Reviewed By :Rahul Chavli 08/28/2025  
 Supervised By :Jagrut Upadhyay 08/28/2025

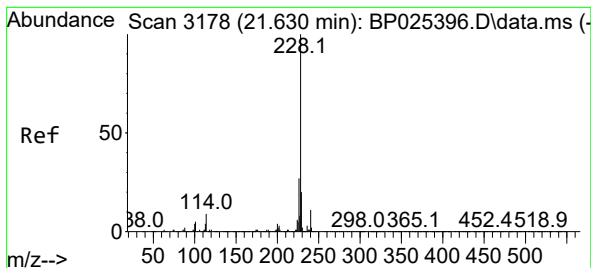


#80  
 Butylbenzylphthalate  
 Concen: 49.379 ng  
 RT: 20.636 min Scan# 3009  
 Delta R.T. -0.012 min  
 Lab File: BP025603.D  
 Acq: 27 Aug 2025 15:00



Tgt Ion:149 Resp: 1291637  
 Ion Ratio Lower Upper  
 149 100  
 91 69.2 54.2 81.2  
 206 21.1 16.6 24.8





#81

Benzo(a)anthracene

Concen: 47.447 ng

RT: 21.619 min Scan# 3176

Delta R.T. -0.012 min

Lab File: BP025603.D

Acq: 27 Aug 2025 15:00

Instrument :

BNA\_P

ClientSampleId :

MW-201-082025MSD

Tgt Ion:228 Resp: 2778578

Ion Ratio Lower Upper

228 100

226 26.7 21.7 32.5

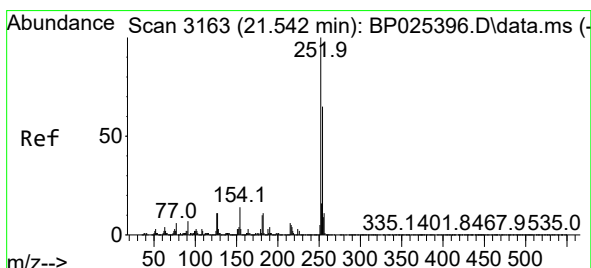
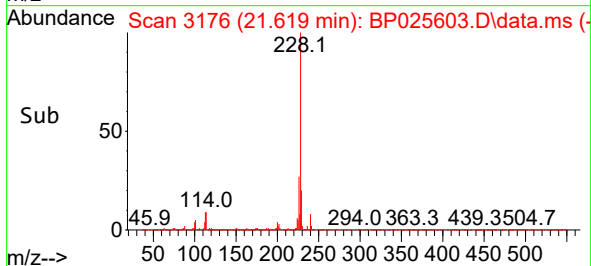
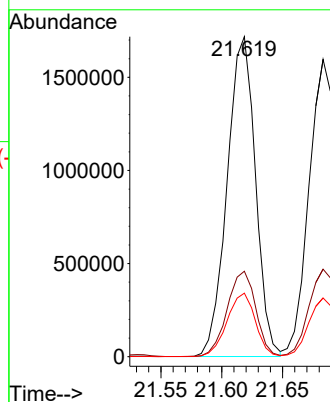
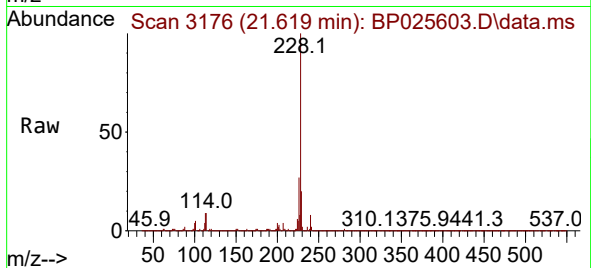
229 19.9 15.6 23.4

Manual Integrations

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Reviewed By :Rahul Chavli 08/28/2025

Supervised By :Jagrut Upadhyay 08/28/2025



#82

3,3'-Dichlorobenzidine

Concen: 41.249 ng

RT: 21.530 min Scan# 3161

Delta R.T. -0.012 min

Lab File: BP025603.D

Acq: 27 Aug 2025 15:00

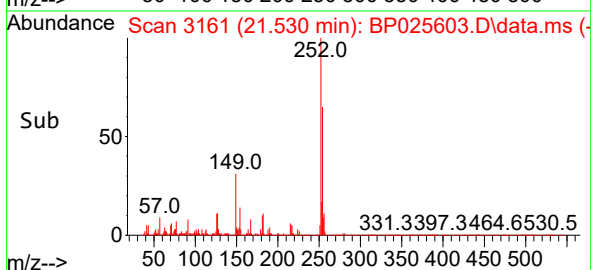
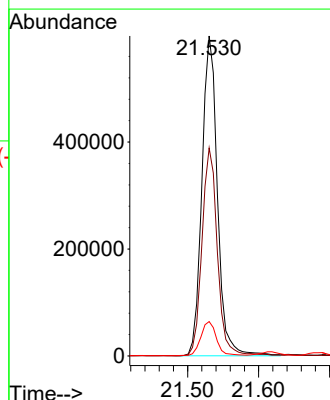
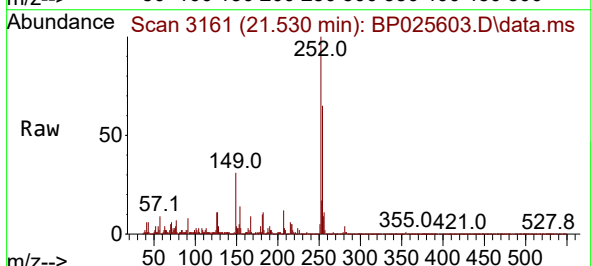
Tgt Ion:252 Resp: 910515

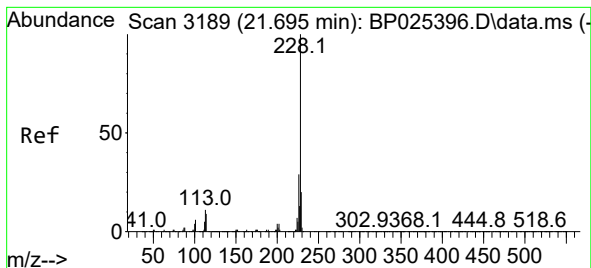
Ion Ratio Lower Upper

252 100

254 65.0 51.8 77.6

126 10.8 9.1 13.7





#83

Chrysene

Concen: 48.651 ng

RT: 21.683 min Scan# 3187

Delta R.T. -0.012 min

Lab File: BP025603.D

Acq: 27 Aug 2025 15:00

Instrument :

BNA\_P

ClientSampleId :

MW-201-082025MSD

Tgt Ion:228 Resp: 266818

Ion Ratio Lower Upper

228 100

226 29.4 23.2 34.8

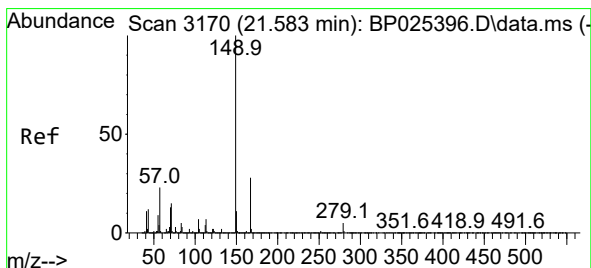
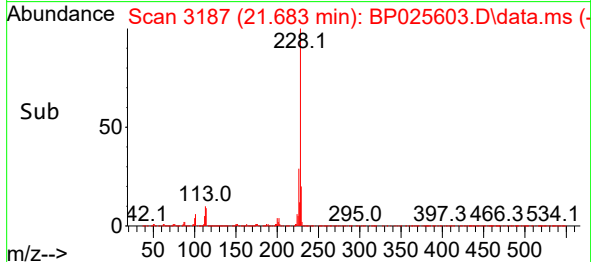
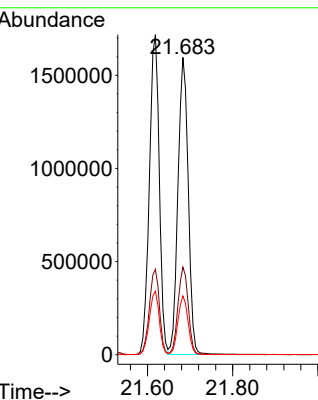
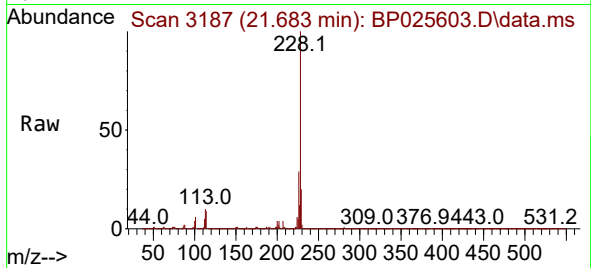
229 19.8 15.6 23.4

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 08/28/2025

Supervised By :Jagrut Upadhyay 08/28/2025



#84

Bis(2-ethylhexyl)phthalate

Concen: 47.223 ng

RT: 21.554 min Scan# 3165

Delta R.T. -0.029 min

Lab File: BP025603.D

Acq: 27 Aug 2025 15:00

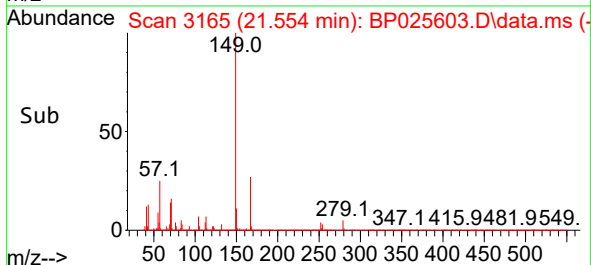
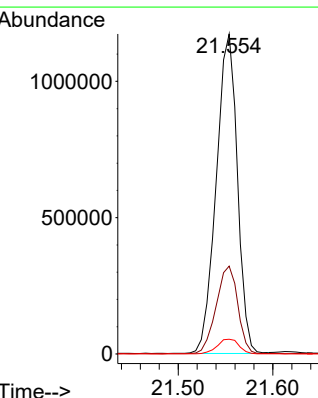
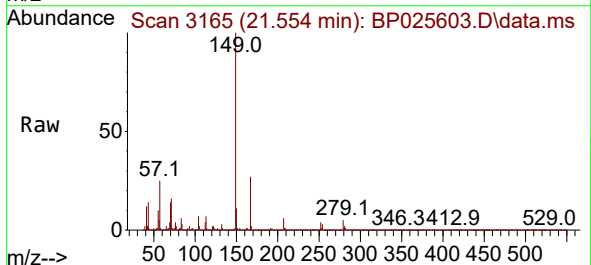
Tgt Ion:149 Resp: 1818319

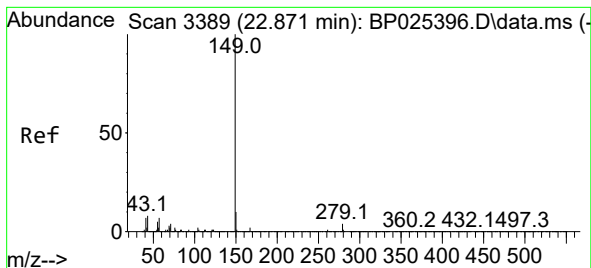
Ion Ratio Lower Upper

149 100

167 27.5 22.1 33.1

279 4.6 3.8 5.6





#85

Di-n-octyl phthalate

Concen: 49.360 ng

RT: 22.836 min Scan# 31

Delta R.T. -0.035 min

Lab File: BP025603.D

Acq: 27 Aug 2025 15:00

Instrument :

BNA\_P

ClientSampleId :

MW-201-082025MSD

Tgt Ion:149 Resp: 326910

Ion Ratio Lower Upper

149 100

167 1.6 1.3 1.9

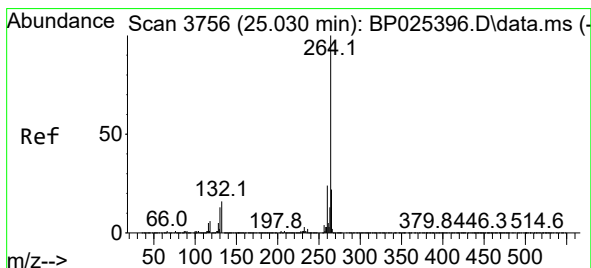
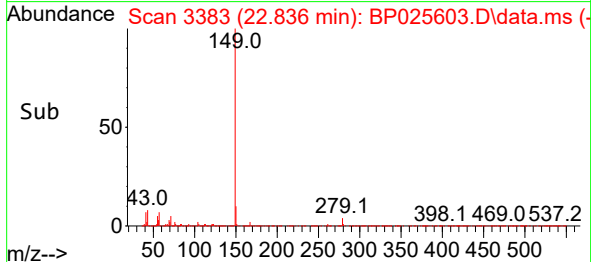
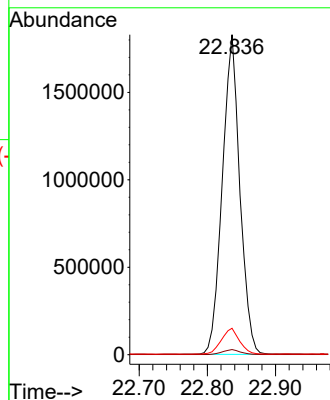
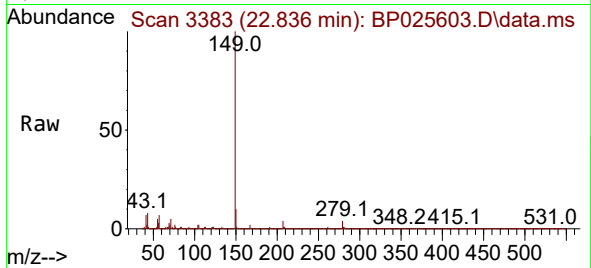
43 8.2 6.3 9.5

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 08/28/2025

Supervised By :Jagrut Upadhyay 08/28/2025



#86

Perylene-d12

Concen: 20.000 ng

RT: 25.007 min Scan# 3752

Delta R.T. -0.023 min

Lab File: BP025603.D

Acq: 27 Aug 2025 15:00

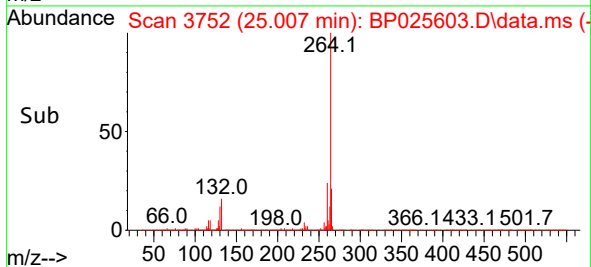
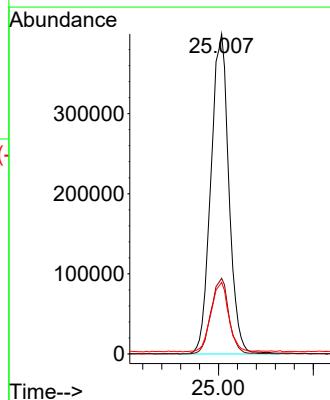
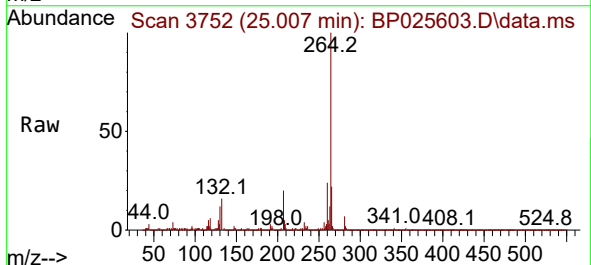
Tgt Ion:264 Resp: 1057493

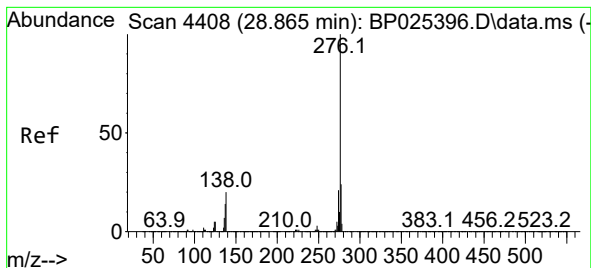
Ion Ratio Lower Upper

264 100

260 23.6 19.3 28.9

265 22.3 17.4 26.0





#87

Indeno(1,2,3-cd)pyrene

Concen: 48.377 ng

RT: 28.836 min Scan# 4408

Delta R.T. -0.029 min

Lab File: BP025603.D

Acq: 27 Aug 2025 15:00

Instrument :

BNA\_P

ClientSampleId :

MW-201-082025MSD

Tgt Ion:276 Resp: 3751770

Ion Ratio Lower Upper

276 100

138 12.4 12.9 19.3

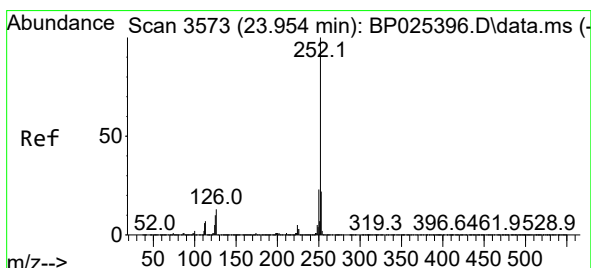
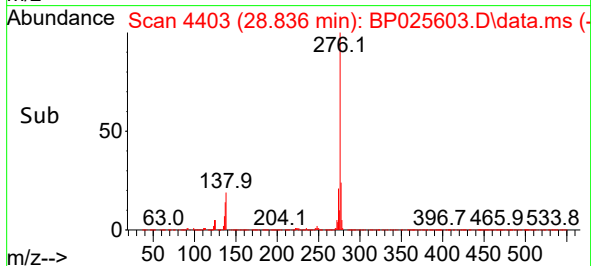
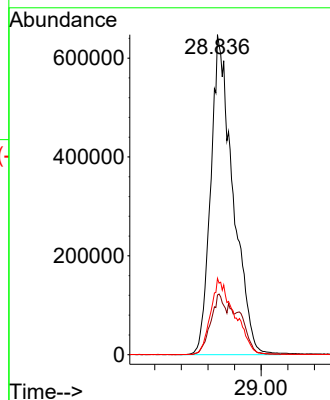
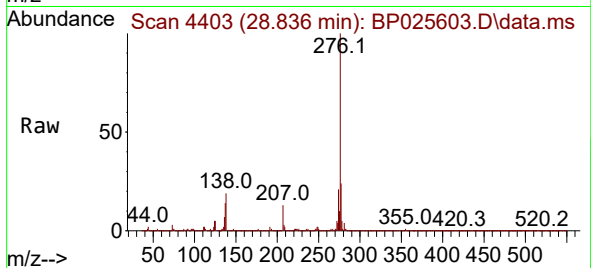
277 25.4 17.0 25.6

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 08/28/2025

Supervised By :Jagrut Upadhyay 08/28/2025



#88

Benzo(b)fluoranthene

Concen: 47.895 ng

RT: 23.948 min Scan# 3572

Delta R.T. -0.006 min

Lab File: BP025603.D

Acq: 27 Aug 2025 15:00

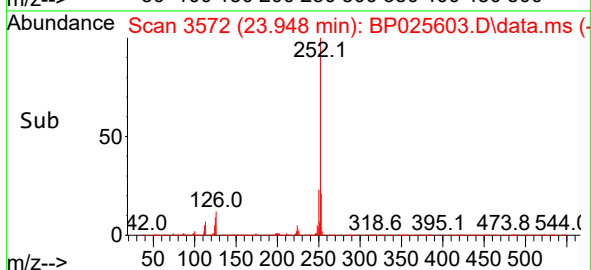
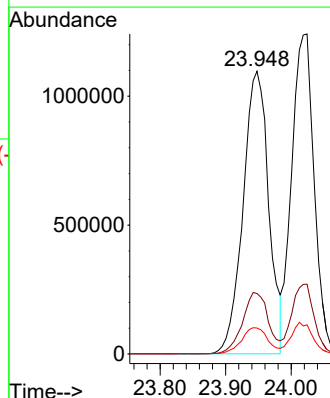
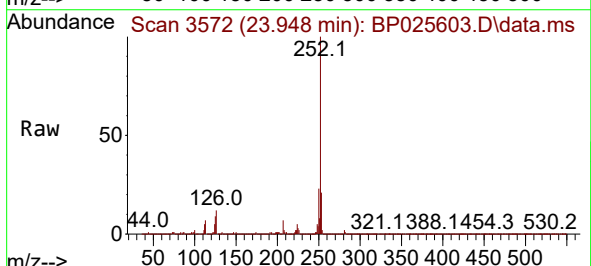
Tgt Ion:252 Resp: 2986627

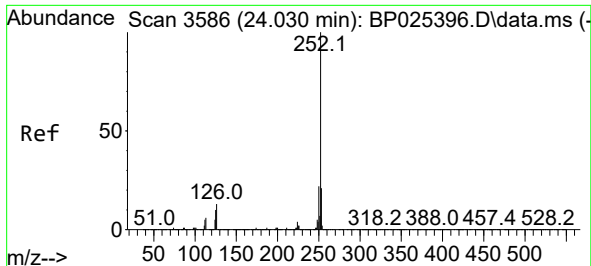
Ion Ratio Lower Upper

252 100

253 21.4 17.7 26.5

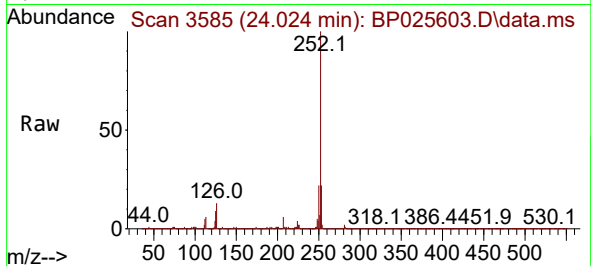
125 9.2 7.9 11.9





#89  
Benzo(k)fluoranthene  
Concen: 47.163 ng  
RT: 24.024 min Scan# 31  
Delta R.T. -0.006 min  
Lab File: BP025603.D  
Acq: 27 Aug 2025 15:00

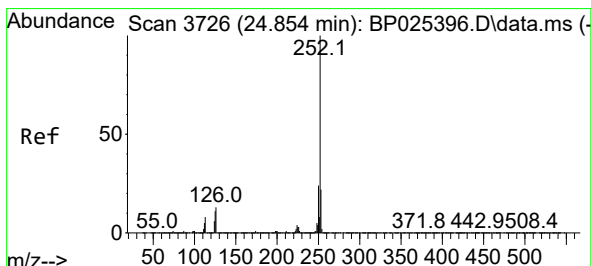
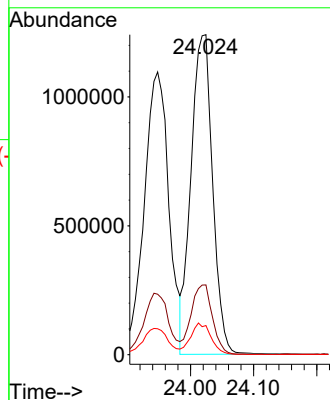
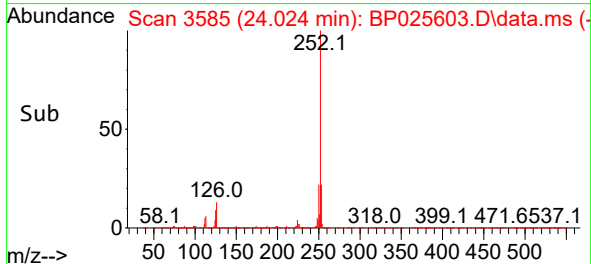
Instrument :  
BNA\_P  
ClientSampleId :  
MW-201-082025MSD



Tgt Ion:252 Resp: 294293  
Ion Ratio Lower Upper  
252 100  
253 21.8 17.1 25.7  
125 9.1 7.8 11.6

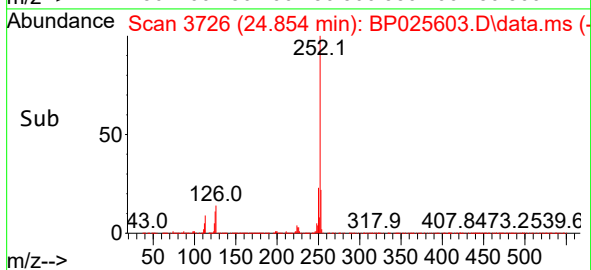
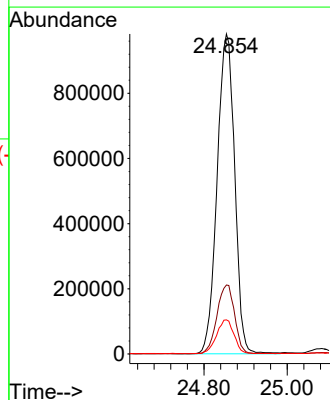
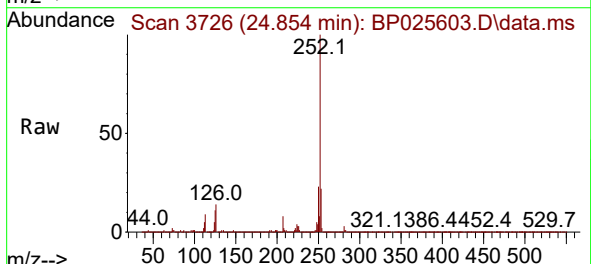
Manual Integrations  
APPROVED

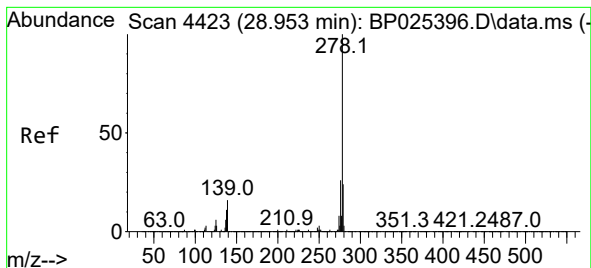
Reviewed By :Rahul Chavli 08/28/2025  
Supervised By :Jagrut Upadhyay 08/28/2025



#90  
Benzo(a)pyrene  
Concen: 47.293 ng  
RT: 24.854 min Scan# 3726  
Delta R.T. 0.000 min  
Lab File: BP025603.D  
Acq: 27 Aug 2025 15:00

Tgt Ion:252 Resp: 2870696  
Ion Ratio Lower Upper  
252 100  
253 21.6 17.5 26.3  
125 10.7 8.7 13.1





#91

Dibenzo(a,h)anthracene

Concen: 49.066 ng

RT: 28.924 min Scan# 4418

Delta R.T. -0.029 min

Lab File: BP025603.D

Acq: 27 Aug 2025 15:00

Instrument :

BNA\_P

ClientSampleId :

MW-201-082025MSD

Tgt Ion:278 Resp: 310963

Ion Ratio Lower Upper

278 100

139 14.0 13.0 19.4

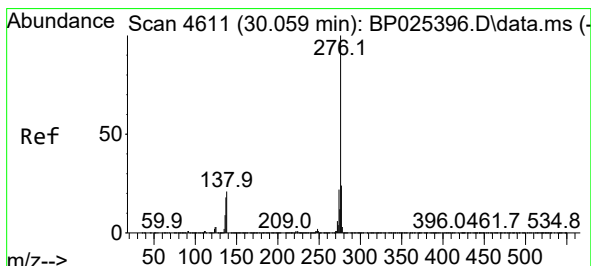
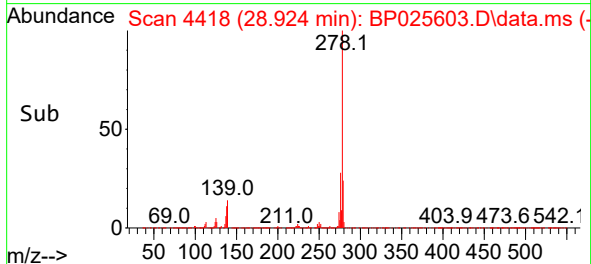
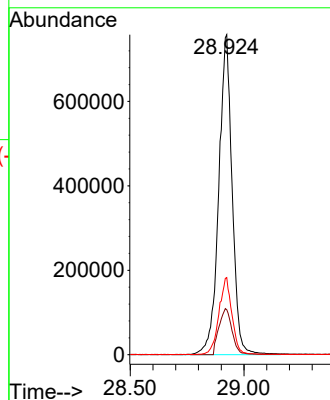
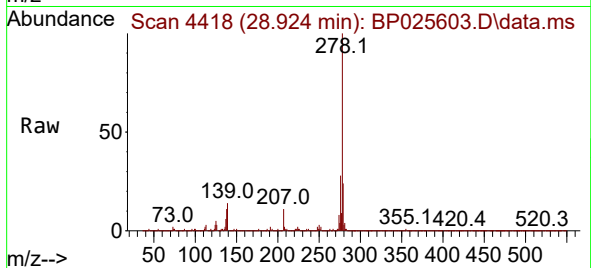
279 24.1 19.4 29.2

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 08/28/2025

Supervised By :Jagrut Upadhyay 08/28/2025



#92

Benzo(g,h,i)perylene

Concen: 48.088 ng

RT: 30.042 min Scan# 4608

Delta R.T. -0.018 min

Lab File: BP025603.D

Acq: 27 Aug 2025 15:00

Tgt Ion:276 Resp: 2995786

Ion Ratio Lower Upper

276 100

277 24.1 19.4 29.0

138 18.9 16.7 25.1

