

Data Path : Z:\svoasrv\HPCHEM1\BNA\_M\Data\BM040325\  
 Data File : BM049806.D  
 Acq On : 03 Apr 2025 15:16  
 Operator : RC/JU  
 Sample : Q1693-05MS  
 Misc :  
 ALS Vial : 8 Sample Multiplier: 1

## Instrument :

BNA\_M

## ClientSampleId :

WCS-TP-2MS

## Manual Integrations

## APPROVED

Reviewed By :Rahul  
 Chavli

04/04/2025

Supervised By :Jagrut  
 Upadhyay

04/04/2025

Quant Time: Apr 03 16:15:13 2025  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_M\Methods\8270-BM031325.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Thu Mar 13 14:55:34 2025  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc    | Units | Dev(Min) |
|-------------------------------|--------|------|----------|---------|-------|----------|
| -----                         |        |      |          |         |       |          |
| Internal Standards            |        |      |          |         |       |          |
| 1) 1,4-Dichlorobenzene-d4     | 7.787  | 152  | 318054   | 20.000  | ng    | -0.02    |
| 21) Naphthalene-d8            | 10.580 | 136  | 1100391  | 20.000  | ng    | -0.02    |
| 39) Acenaphthene-d10          | 14.427 | 164  | 703936   | 20.000  | ng    | -0.02    |
| 64) Phenanthrene-d10          | 17.168 | 188  | 1388273  | 20.000  | ng    | -0.02    |
| 76) Chrysene-d12              | 21.403 | 240  | 1439160  | 20.000  | ng    | -0.02    |
| 86) Perylene-d12              | 24.403 | 264  | 1383722  | 20.000  | ng    | -0.04    |
| System Monitoring Compounds   |        |      |          |         |       |          |
| 5) 2-Fluorophenol             | 5.369  | 112  | 2159189  | 114.548 | ng    | -0.02    |
| 7) Phenol-d6                  | 6.963  | 99   | 2718083  | 114.904 | ng    | -0.02    |
| 23) Nitrobenzene-d5           | 8.939  | 82   | 1604797  | 74.876  | ng    | -0.02    |
| 42) 2,4,6-Tribromophenol      | 15.915 | 330  | 1126636  | 137.063 | ng    | -0.02    |
| 45) 2-Fluorobiphenyl          | 13.051 | 172  | 3769949  | 67.071  | ng    | -0.02    |
| 79) Terphenyl-d14             | 19.792 | 244  | 5738695  | 67.195  | ng    | -0.02    |
| Target Compounds              |        |      |          |         |       |          |
|                               |        |      |          |         |       | Qvalue   |
| 2) 1,4-Dioxane                | 3.269  | 88   | 343478   | 42.093  | ng    | 99       |
| 3) Pyridine                   | 3.669  | 79   | 945501   | 45.371  | ng    | 99       |
| 4) n-Nitrosodimethylamine     | 3.575  | 42   | 406624   | 44.099  | ng    | 97       |
| 6) Aniline                    | 7.110  | 93   | 507593   | 25.613  | ng    | 99       |
| 8) 2-Chlorophenol             | 7.351  | 128  | 908474   | 48.669  | ng    | 98       |
| 9) Benzaldehyde               | 6.922  | 77   | 588645   | 50.337  | ng    | 100      |
| 10) Phenol                    | 6.987  | 94   | 1162494  | 50.682  | ng    | 99       |
| 11) bis(2-Chloroethyl)ether   | 7.210  | 93   | 883093   | 47.544  | ng    | 99       |
| 12) 1,3-Dichlorobenzene       | 7.675  | 146  | 1052088  | 46.379  | ng    | 99       |
| 13) 1,4-Dichlorobenzene       | 7.822  | 146  | 1062667  | 46.435  | ng    | 99       |
| 14) 1,2-Dichlorobenzene       | 8.139  | 146  | 1013224  | 46.586  | ng    | 99       |
| 15) Benzyl Alcohol            | 8.028  | 79   | 779569   | 52.515  | ng    | 98       |
| 16) 2,2'-oxybis(1-Chloropr... | 8.316  | 45   | 1083141m | 49.616  | ng    |          |
| 17) 2-Methylphenol            | 8.234  | 107  | 720035   | 52.875  | ng    | 98       |
| 18) Hexachloroethane          | 8.869  | 117  | 385777   | 47.735  | ng    | 96       |
| 19) n-Nitroso-di-n-propyla... | 8.592  | 70   | 690217   | 50.319  | ng    | 99       |
| 20) 3+4-Methylphenols         | 8.563  | 107  | 981683   | 53.793  | ng    | 100      |
| 22) Acetophenone              | 8.604  | 105  | 1329165  | 46.846  | ng    | # 98     |
| 24) Nitrobenzene              | 8.986  | 77   | 967367   | 47.867  | ng    | 97       |
| 25) Isophorone                | 9.516  | 82   | 1779407  | 54.074  | ng    | 99       |
| 26) 2-Nitrophenol             | 9.692  | 139  | 445545   | 51.798  | ng    | 97       |
| 27) 2,4-Dimethylphenol        | 9.763  | 122  | 795097   | 72.620  | ng    | 97       |
| 28) bis(2-Chloroethoxy)met... | 9.992  | 93   | 1125029  | 48.541  | ng    | 99       |
| 29) 2,4-Dichlorophenol        | 10.233 | 162  | 897839   | 50.325  | ng    | 98       |
| 30) 1,2,4-Trichlorobenzene    | 10.445 | 180  | 1023463  | 45.851  | ng    | 99       |
| 31) Naphthalene               | 10.633 | 128  | 2586189  | 45.706  | ng    | 99       |
| 32) Benzoic acid              | 9.898  | 122  | 540425m  | 58.038  | ng    |          |
| 33) 4-Chloroaniline           | 10.739 | 127  | 246969   | 12.789  | ng    | 99       |
| 34) Hexachlorobutadiene       | 10.922 | 225  | 630512   | 45.757  | ng    | 98       |
| 35) Caprolactam               | 11.522 | 113  | 232067   | 56.027  | ng    | 97       |
| 36) 4-Chloro-3-methylphenol   | 11.875 | 107  | 807404   | 52.735  | ng    | 99       |
| 37) 2-Methylnaphthalene       | 12.245 | 142  | 1688496  | 42.676  | ng    | 99       |
| 38) 1-Methylnaphthalene       | 12.469 | 142  | 1774273  | 46.480  | ng    | 99       |
| 40) 1,2,4,5-Tetrachloroben... | 12.616 | 216  | 1186063  | 45.870  | ng    | 99       |
| 41) Hexachlorocyclopentadiene | 12.604 | 237  | 1274066  | 133.004 | ng    | 98       |
| 43) 2,4,6-Trichlorophenol     | 12.857 | 196  | 740213   | 51.114  | ng    | 96       |

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Manual Integrations  
 APPROVED

Reviewed By :Rahul  
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04/04/2025  
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Quant Time: Apr 03 16:15:13 2025  
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
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 Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc    | Units | Dev(Min) |
|-------------------------------|--------|------|----------|---------|-------|----------|
| 44) 2,4,5-Trichlorophenol     | 12.933 | 196  | 804185   | 50.888  | ng    | 99       |
| 46) 1,1'-Biphenyl             | 13.263 | 154  | 2468829  | 45.506  | ng    | 99       |
| 47) 2-Chloronaphthalene       | 13.304 | 162  | 1941190  | 45.968  | ng    | 99       |
| 48) 2-Nitroaniline            | 13.504 | 65   | 504408   | 53.209  | ng    | 99       |
| 49) Acenaphthylene            | 14.151 | 152  | 3120682  | 52.869  | ng    | 100      |
| 50) Dimethylphthalate         | 13.886 | 163  | 2328781  | 48.050  | ng    | 99       |
| 51) 2,6-Dinitrotoluene        | 13.998 | 165  | 480670   | 49.497  | ng    | 96       |
| 52) Acenaphthene              | 14.492 | 154  | 1783072  | 46.053  | ng    | 98       |
| 53) 3-Nitroaniline            | 14.327 | 138  | 201350   | 21.789  | ng    | 98       |
| 54) 2,4-Dinitrophenol         | 14.533 | 184  | 574742   | 89.009  | ng    | 99       |
| 55) Dibenzofuran              | 14.827 | 168  | 2871234  | 44.504  | ng    | 99       |
| 56) 4-Nitrophenol             | 14.645 | 139  | 925143   | 115.011 | ng    | 99       |
| 57) 2,4-Dinitrotoluene        | 14.786 | 165  | 685726   | 54.876  | ng    | 95       |
| 58) Fluorene                  | 15.474 | 166  | 2529842  | 48.162  | ng    | 100      |
| 59) 2,3,4,6-Tetrachlorophenol | 15.057 | 232  | 673133   | 50.886  | ng    | 99       |
| 60) Diethylphthalate          | 15.257 | 149  | 2211904  | 48.458  | ng    | 99       |
| 61) 4-Chlorophenyl-phenyle... | 15.474 | 204  | 1348428  | 47.011  | ng    | 99       |
| 62) 4-Nitroaniline            | 15.492 | 138  | 468437   | 43.027  | ng    | 98       |
| 63) Azobenzene                | 15.762 | 77   | 2255472  | 51.731  | ng    | 99       |
| 65) 4,6-Dinitro-2-methylph... | 15.551 | 198  | 355564   | 47.368  | ng    | 91       |
| 66) n-Nitrosodiphenylamine    | 15.686 | 169  | 1997842  | 47.498  | ng    | 98       |
| 67) 4-Bromophenyl-phenylether | 16.362 | 248  | 749753   | 46.776  | ng    | 99       |
| 68) Hexachlorobenzene         | 16.480 | 284  | 855698   | 47.474  | ng    | 99       |
| 69) Atrazine                  | 16.639 | 200  | 717301   | 77.381  | ng    | 99       |
| 70) Pentachlorophenol         | 16.821 | 266  | 1278943  | 112.911 | ng    | 98       |
| 71) Phenanthrene              | 17.209 | 178  | 3763045  | 48.815  | ng    | 100      |
| 72) Anthracene                | 17.304 | 178  | 3829131  | 51.291  | ng    | 100      |
| 73) Carbazole                 | 17.574 | 167  | 3394074  | 50.200  | ng    | 99       |
| 74) Di-n-butylphthalate       | 18.139 | 149  | 3918468  | 52.878  | ng    | 99       |
| 75) Fluoranthene              | 19.227 | 202  | 4735366  | 53.356  | ng    | 99       |
| 77) Benzidine                 | 19.409 | 184  | 1890559  | 109.344 | ng    | 100      |
| 78) Pyrene                    | 19.592 | 202  | 4967779  | 49.407  | ng    | 100      |
| 80) Butylbenzylphthalate      | 20.492 | 149  | 1741740  | 55.818  | ng    | 98       |
| 81) Benzo(a)anthracene        | 21.386 | 228  | 4945137  | 51.444  | ng    | 99       |
| 82) 3,3'-Dichlorobenzidine    | 21.309 | 252  | 825528   | 26.378  | ng    | 98       |
| 83) Chrysene                  | 21.450 | 228  | 4493022  | 49.308  | ng    | 100      |
| 84) Bis(2-ethylhexyl)phtha... | 21.315 | 149  | 2621955  | 53.916  | ng    | 100      |
| 85) Di-n-octyl phthalate      | 22.450 | 149  | 4204381  | 55.625  | ng    | 99       |
| 87) Indeno(1,2,3-cd)pyrene    | 27.797 | 276  | 5323418  | 53.451  | ng    | 100      |
| 88) Benzo(b)fluoranthene      | 23.462 | 252  | 4615003  | 49.518  | ng    | 100      |
| 89) Benzo(k)fluoranthene      | 23.521 | 252  | 4431204  | 48.320  | ng    | 99       |
| 90) Benzo(a)pyrene            | 24.268 | 252  | 4456839  | 56.932  | ng    | 98       |
| 91) Dibenzo(a,h)anthracene    | 27.850 | 278  | 4233543  | 51.020  | ng    | 99       |
| 92) Benzo(g,h,i)perylene      | 28.850 | 276  | 4277385  | 51.176  | ng    | 100      |

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

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## Manual Integrations

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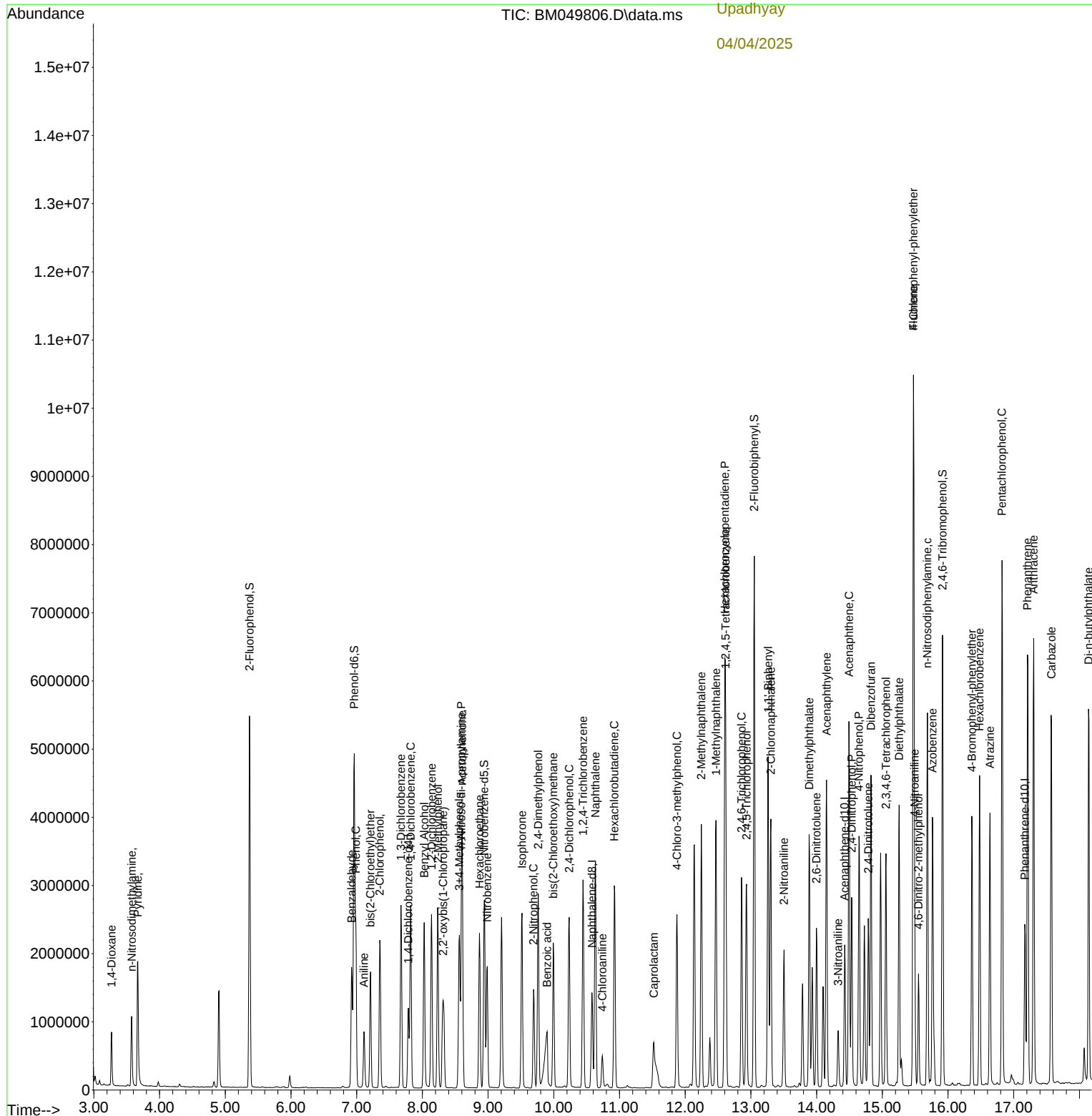
04/04/2025

Supervised By :Jagrut

Upadhyay

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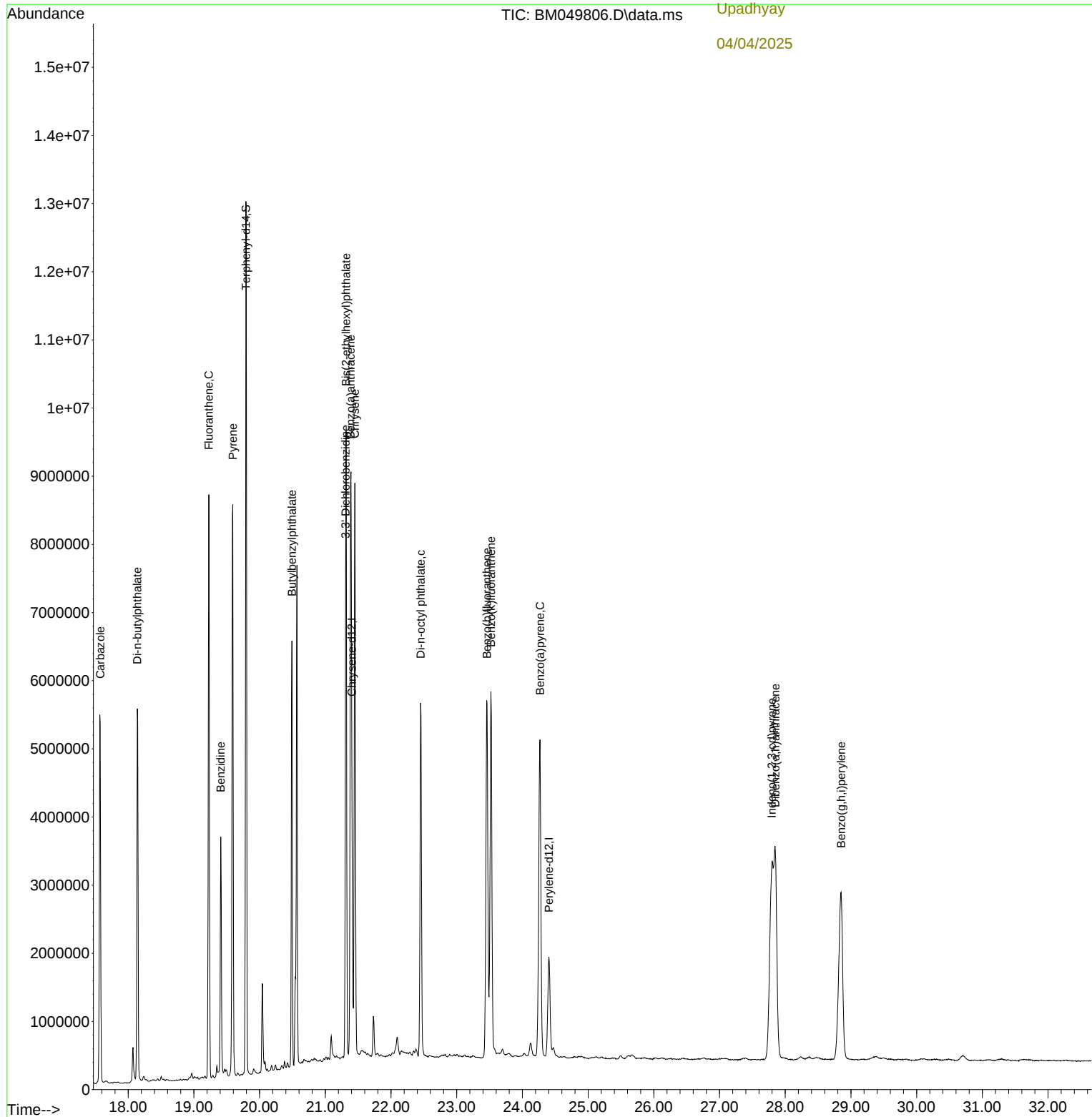
Instrument :  
BNA\_M  
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WCS-TP-2MS

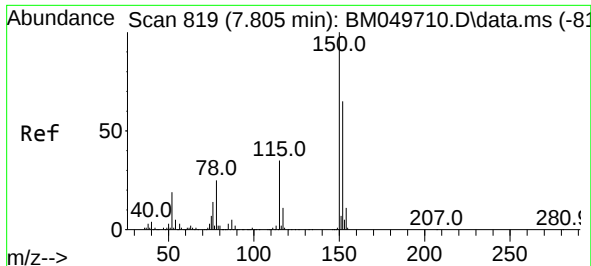
Manual Integrations  
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Reviewed By :Rahul  
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Supervised By :Jagrut  
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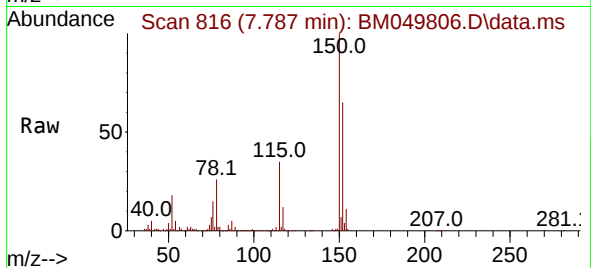
04/04/2025





#1  
1,4-Dichlorobenzene-d4  
Concen: 20.000 ng  
RT: 7.787 min Scan# 81  
Delta R.T. -0.018 min  
Lab File: BM049806.D  
Acq: 03 Apr 2025 15:16

Instrument :  
BNA\_M  
ClientSampleId :  
WCS-TP-2MS



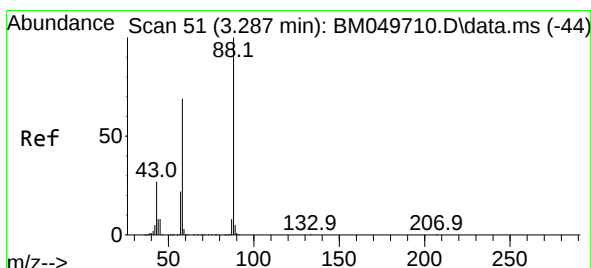
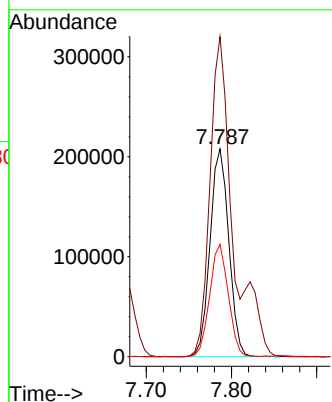
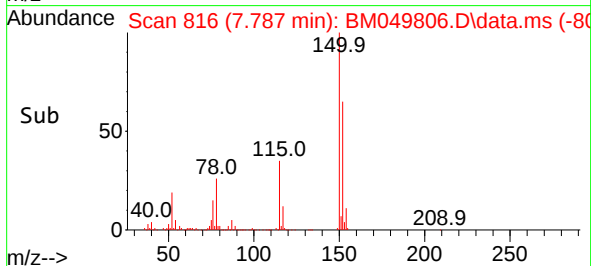
Tgt Ion:152 Resp: 318054  
Ion Ratio Lower Upper  
152 100  
150 154.1 123.8 185.8  
115 54.1 43.0 64.6

Manual Integrations  
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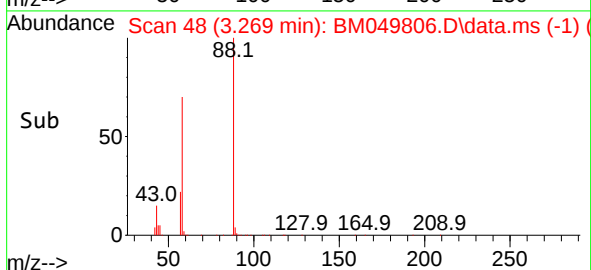
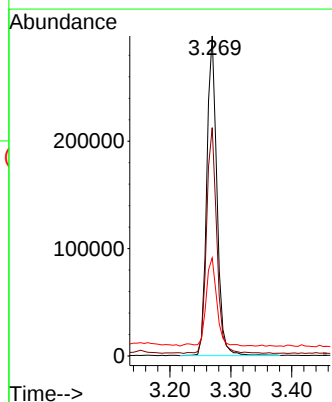
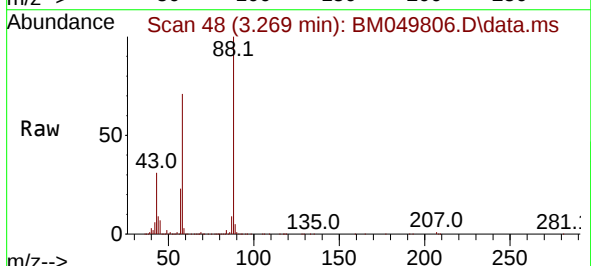
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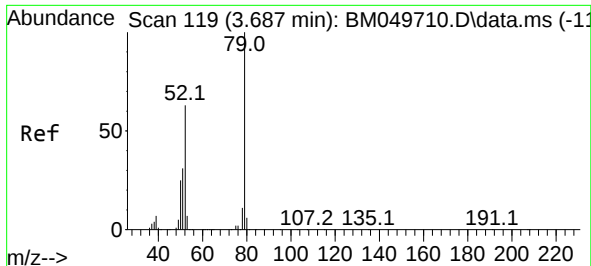
04/04/2025



#2  
1,4-Dioxane  
Concen: 42.093 ng  
RT: 3.269 min Scan# 48  
Delta R.T. -0.018 min  
Lab File: BM049806.D  
Acq: 03 Apr 2025 15:16

Tgt Ion: 88 Resp: 343478  
Ion Ratio Lower Upper  
88 100  
58 71.7 56.7 85.1  
43 28.6 22.6 34.0





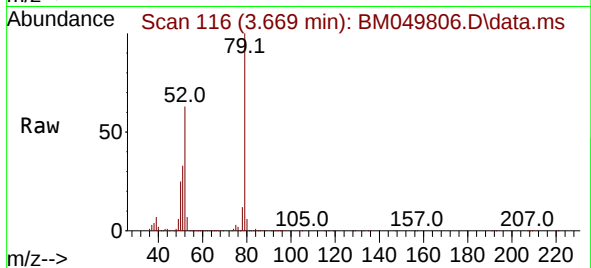
#3  
Pyridine  
Concen: 45.371 ng  
RT: 3.669 min Scan# 119  
Delta R.T. -0.018 min  
Lab File: BM049806.D  
Acq: 03 Apr 2025 15:16

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Tgt Ion: 79 Resp: 94550  
Ion Ratio Lower Upper  
79 100  
52 63.1 50.1 75.1  
51 33.0 25.2 37.8

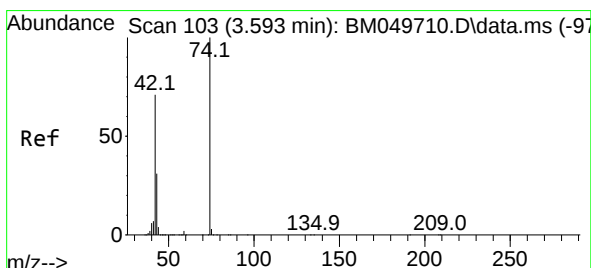
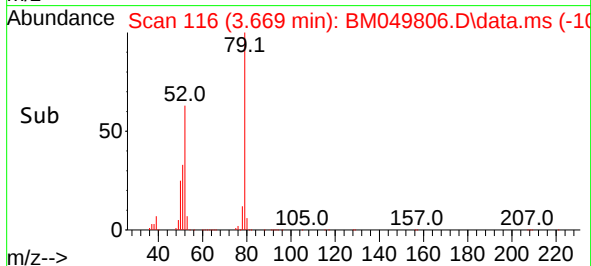
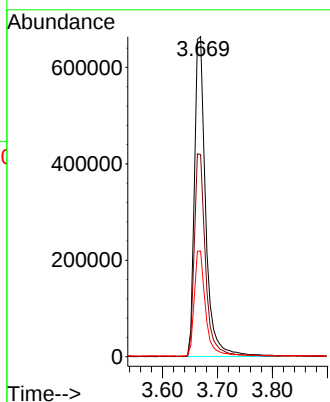
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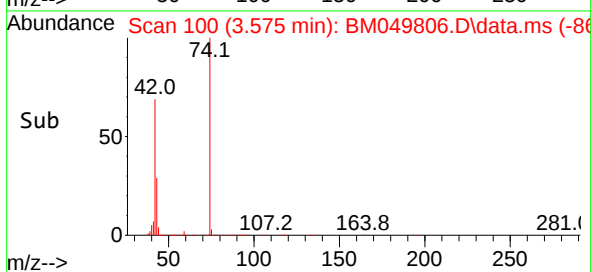
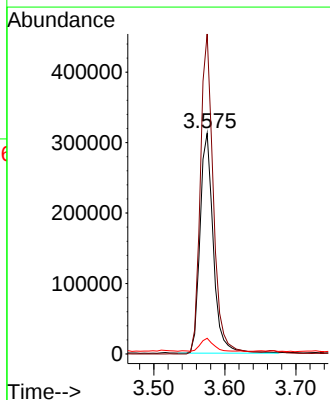
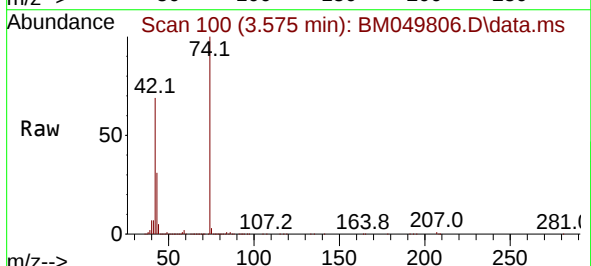
Supervised By :Jagrut  
Upadhyay

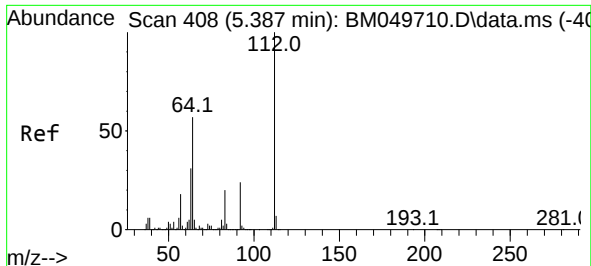
04/04/2025



#4  
n-Nitrosodimethylamine  
Concen: 44.099 ng  
RT: 3.575 min Scan# 100  
Delta R.T. -0.018 min  
Lab File: BM049806.D  
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Tgt Ion: 42 Resp: 406624  
Ion Ratio Lower Upper  
42 100  
74 145.0 112.6 168.8  
44 7.1 5.0 7.6





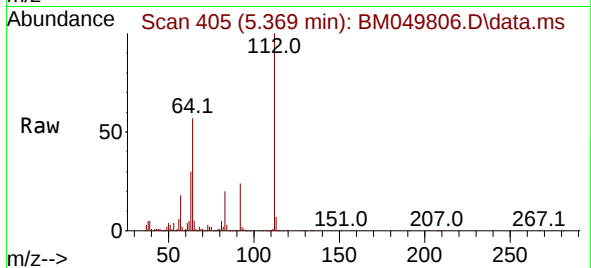
#5  
2-Fluorophenol  
Concen: 114.548 ng  
RT: 5.369 min Scan# 408  
Delta R.T. -0.018 min  
Lab File: BM049806.D  
Acq: 03 Apr 2025 15:16

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Tgt Ion:112 Resp: 2159189  
Ion Ratio Lower Upper  
112 100  
64 57.2 45.3 67.9  
63 30.2 24.4 36.6

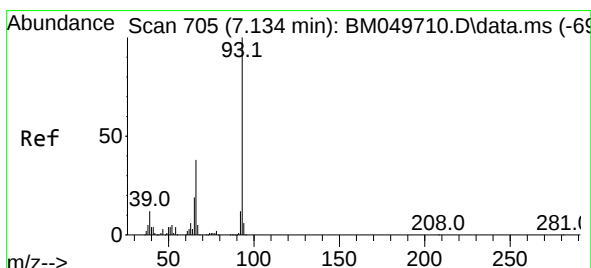
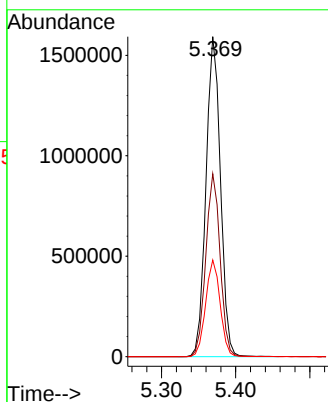
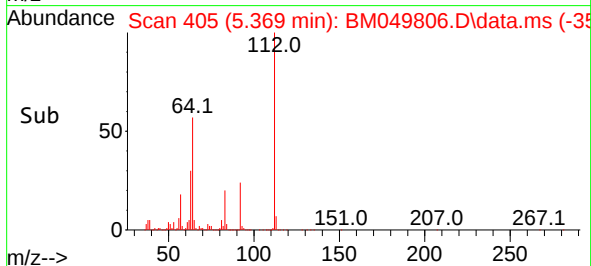
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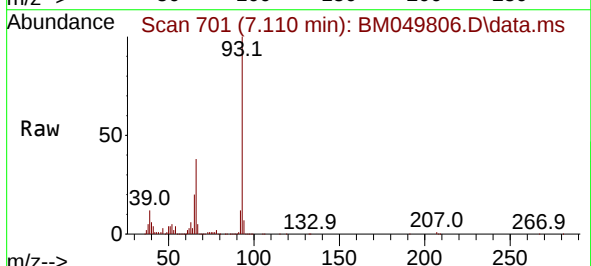
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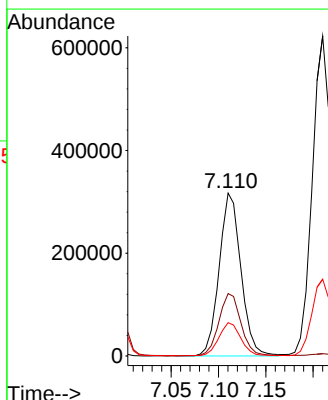
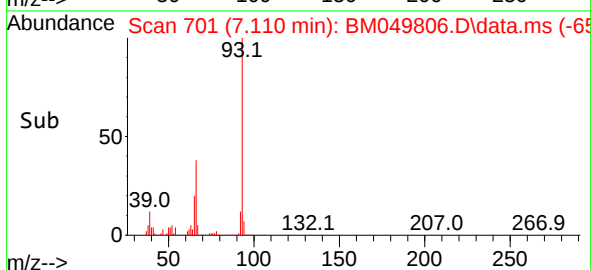
04/04/2025

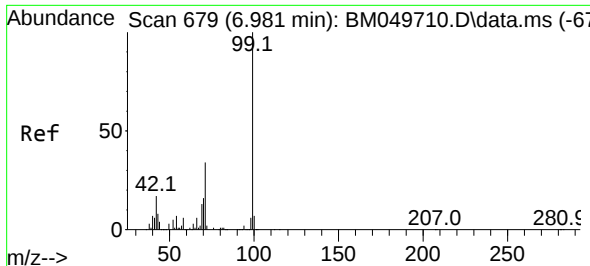


#6  
Aniline  
Concen: 25.613 ng  
RT: 7.110 min Scan# 701  
Delta R.T. -0.024 min  
Lab File: BM049806.D  
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Tgt Ion: 93 Resp: 507593  
Ion Ratio Lower Upper  
93 100  
66 38.3 30.6 46.0  
65 20.4 15.4 23.2





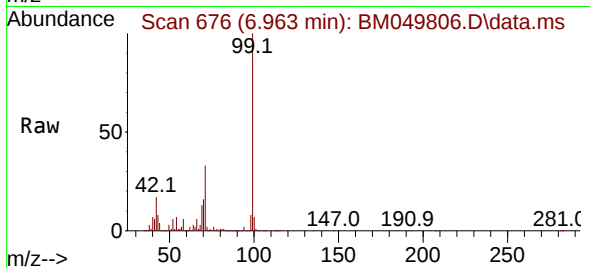
#7  
Phenol-d6  
Concen: 114.904 ng  
RT: 6.963 min Scan# 61  
Delta R.T. -0.018 min  
Lab File: BM049806.D  
Acq: 03 Apr 2025 15:16

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Tgt Ion: 99 Resp: 271808

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 99  | 100   |       |       |
| 42  | 16.6  | 13.6  | 20.4  |
| 71  | 32.9  | 27.0  | 40.6  |

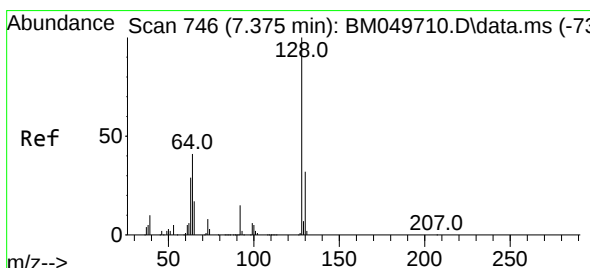
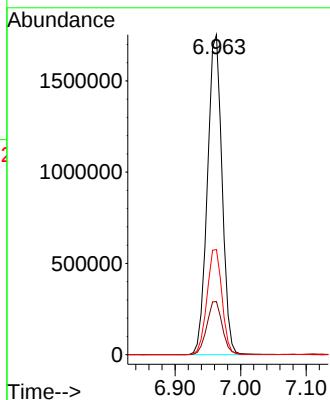
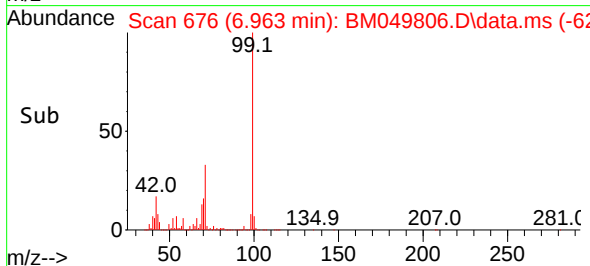
Manual Integrations  
APPROVED

Reviewed By :Rahul  
Chavli

04/04/2025

Supervised By :Jagrut  
Upadhyay

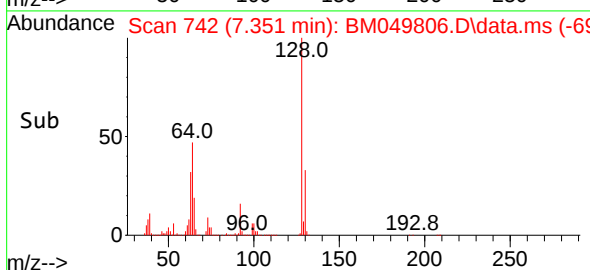
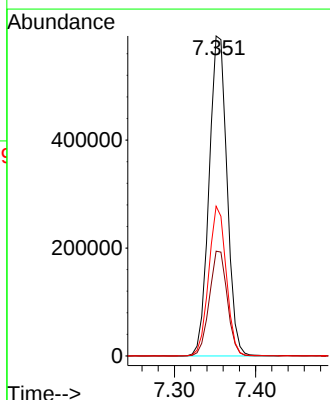
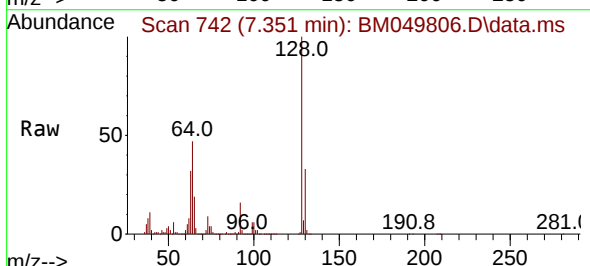
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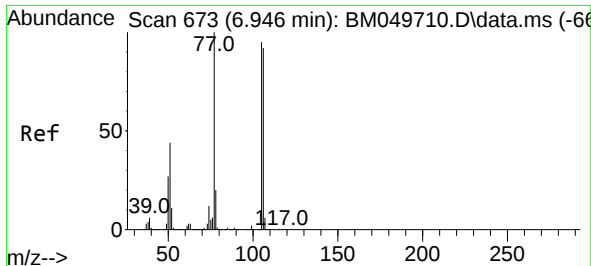


#8  
2-Chlorophenol  
Concen: 48.669 ng  
RT: 7.351 min Scan# 742  
Delta R.T. -0.024 min  
Lab File: BM049806.D  
Acq: 03 Apr 2025 15:16

Tgt Ion:128 Resp: 908474

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 128 | 100   |       |       |
| 130 | 32.8  | 12.5  | 52.5  |
| 64  | 46.8  | 24.9  | 64.9  |





#9  
Benzaldehyde  
Concen: 50.337 ng  
RT: 6.922 min Scan# 609  
Delta R.T. -0.024 min  
Lab File: BM049806.D  
Acq: 03 Apr 2025 15:16

Instrument :

BNA\_M

ClientSampleId :

WCS-TP-2MS

Tgt Ion: 77 Resp: 588649  
Ion Ratio Lower Upper  
77 100  
105 95.0 75.0 115.0  
106 92.6 72.3 112.3

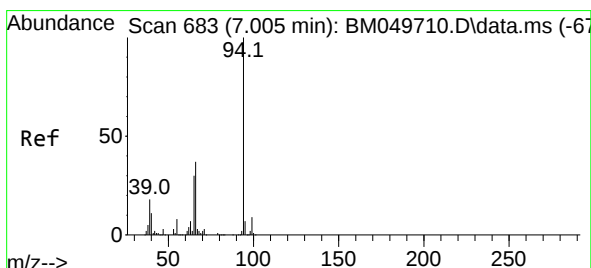
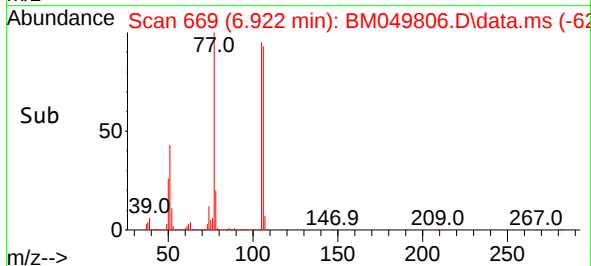
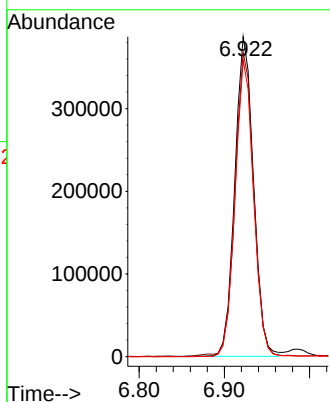
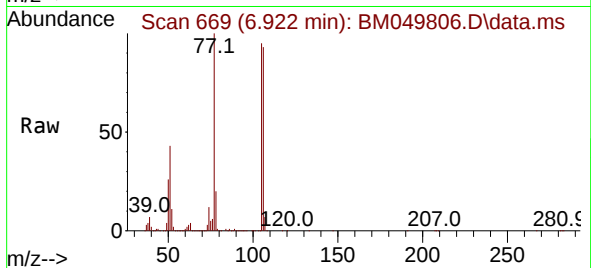
Manual Integrations  
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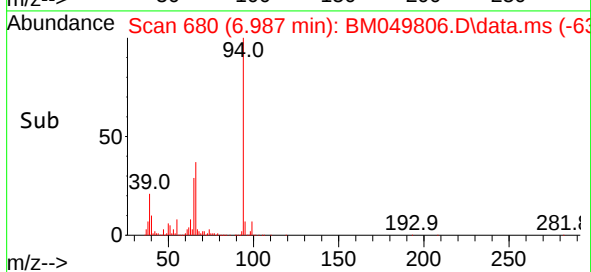
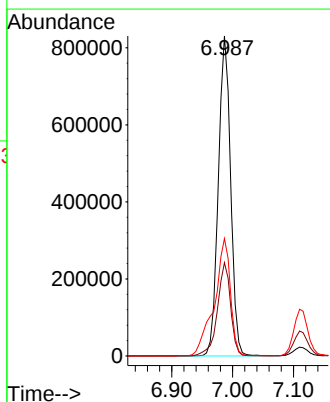
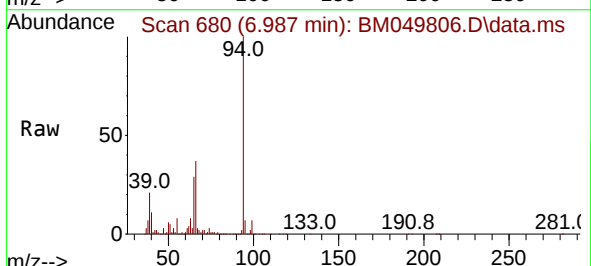
Supervised By :Jagrut  
Upadhyay

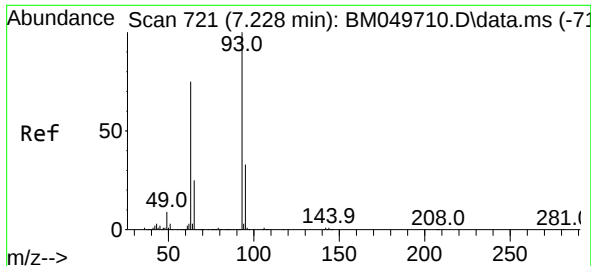
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#10  
Phenol  
Concen: 50.682 ng  
RT: 6.987 min Scan# 680  
Delta R.T. -0.018 min  
Lab File: BM049806.D  
Acq: 03 Apr 2025 15:16

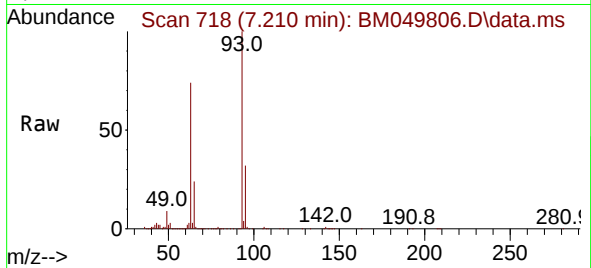
Tgt Ion: 94 Resp: 1162494  
Ion Ratio Lower Upper  
94 100  
65 29.1 10.4 50.4  
66 36.7 17.1 57.1





#11  
bis(2-Chloroethyl)ether  
Concen: 47.544 ng  
RT: 7.210 min Scan# 718  
Delta R.T. -0.018 min  
Lab File: BM049806.D  
Acq: 03 Apr 2025 15:16

Instrument :  
BNA\_M  
ClientSampleId :  
WCS-TP-2MS



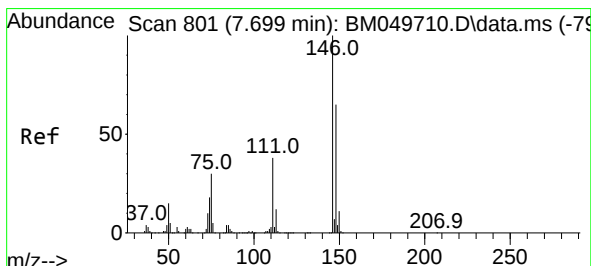
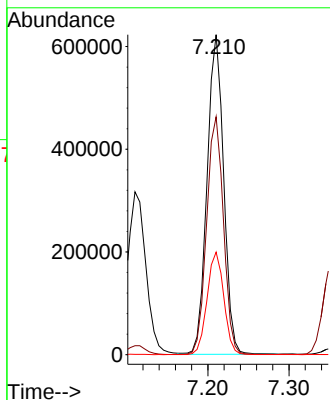
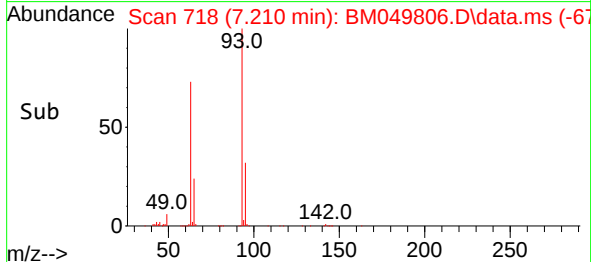
Tgt Ion: 93 Resp: 883093  
Ion Ratio Lower Upper  
93 100  
63 74.4 54.8 94.8  
95 32.1 12.8 52.8

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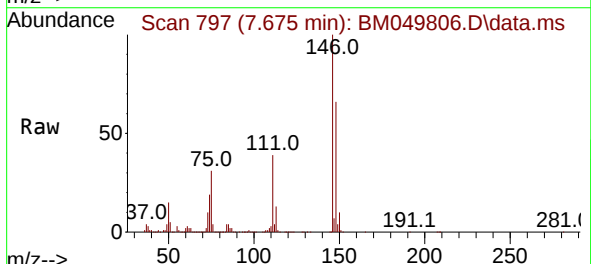
Reviewed By :Rahul  
Chavli

04/04/2025  
Supervised By :Jagrut  
Upadhyay

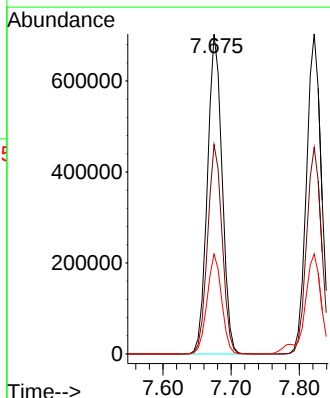
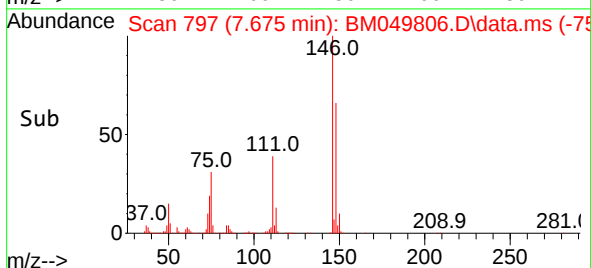
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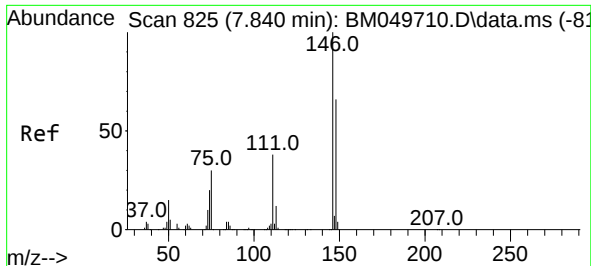


#12  
1,3-Dichlorobenzene  
Concen: 46.379 ng  
RT: 7.675 min Scan# 797  
Delta R.T. -0.024 min  
Lab File: BM049806.D  
Acq: 03 Apr 2025 15:16



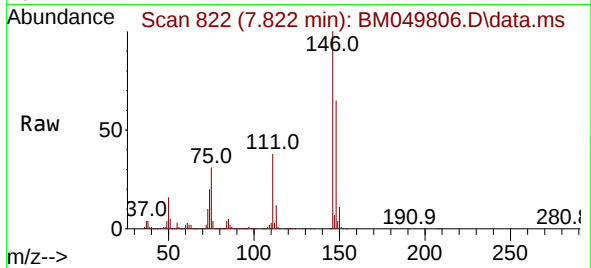
Tgt Ion:146 Resp: 1052088  
Ion Ratio Lower Upper  
146 100  
148 65.5 52.3 78.5  
75 31.2 24.2 36.2





#13  
1,4-Dichlorobenzene  
Concen: 46.435 ng  
RT: 7.822 min Scan# 81  
Delta R.T. -0.018 min  
Lab File: BM049806.D  
Acq: 03 Apr 2025 15:16

Instrument :  
BNA\_M  
ClientSampleId :  
WCS-TP-2MS



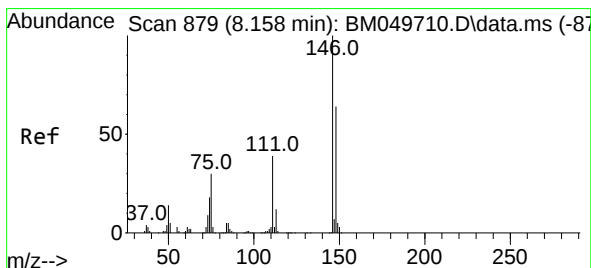
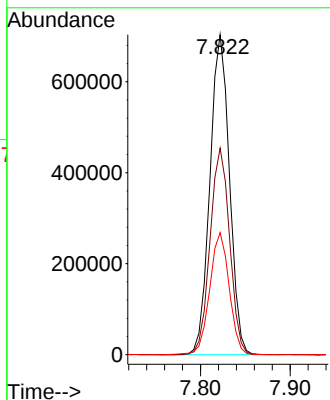
Tgt Ion:146 Resp: 106266  
Ion Ratio Lower Upper  
146 100  
148 64.6 52.6 79.0  
111 38.2 30.8 46.2

Manual Integrations  
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Chavli

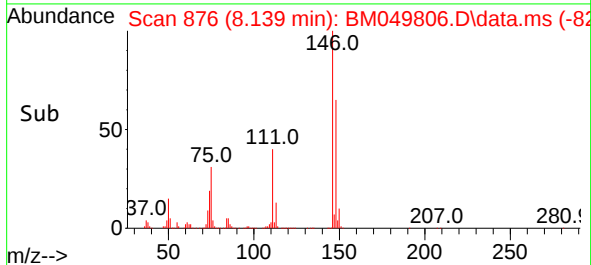
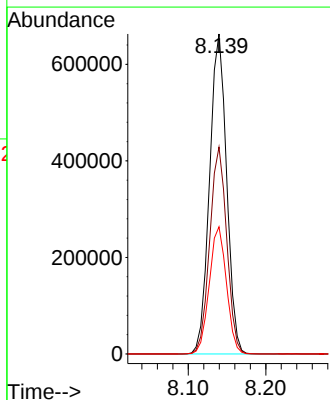
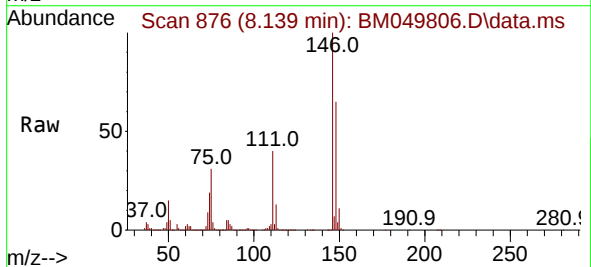
04/04/2025  
Supervised By :Jagrut  
Upadhyay

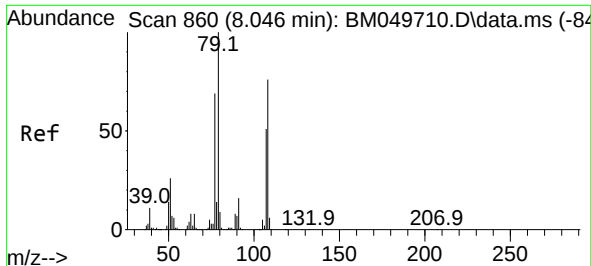
04/04/2025



#14  
1,2-Dichlorobenzene  
Concen: 46.586 ng  
RT: 8.139 min Scan# 876  
Delta R.T. -0.018 min  
Lab File: BM049806.D  
Acq: 03 Apr 2025 15:16

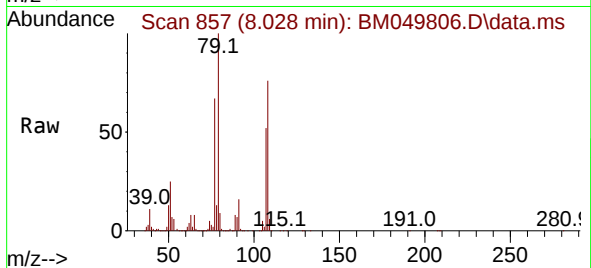
Tgt Ion:146 Resp: 1013224  
Ion Ratio Lower Upper  
146 100  
148 64.6 50.9 76.3  
111 39.7 31.0 46.6





#15  
Benzyl Alcohol  
Concen: 52.515 ng  
RT: 8.028 min Scan# 80  
Delta R.T. -0.018 min  
Lab File: BM049806.D  
Acq: 03 Apr 2025 15:16

Instrument :  
BNA\_M  
ClientSampleId :  
WCS-TP-2MS



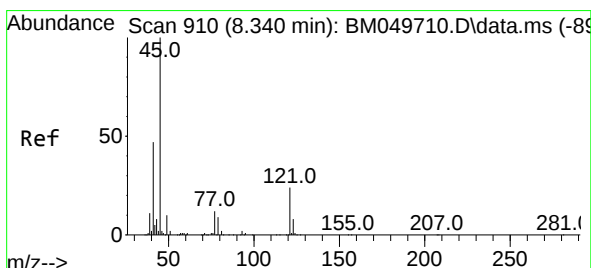
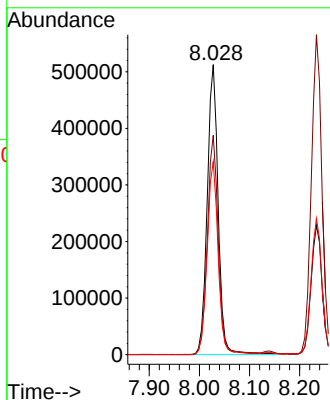
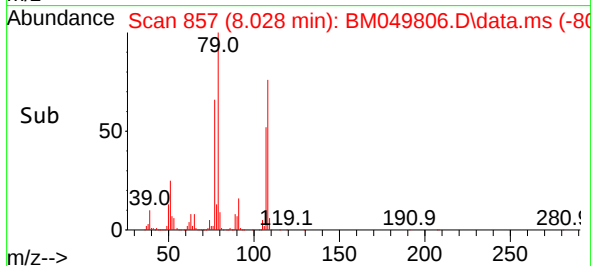
Tgt Ion: 79 Resp: 779569  
Ion Ratio Lower Upper  
79 100  
108 75.6 60.7 91.1  
77 66.5 55.4 83.2

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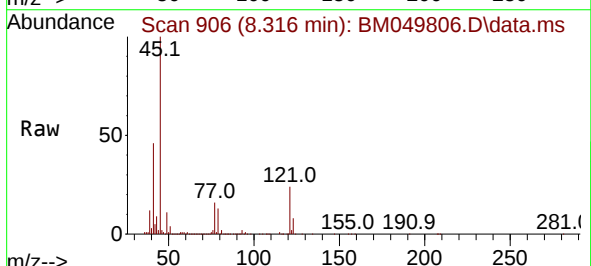
Reviewed By :Rahul  
Chavli

04/04/2025  
Supervised By :Jagrut  
Upadhyay

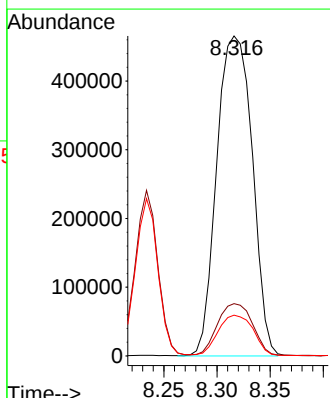
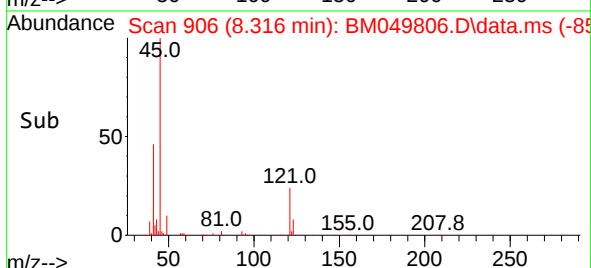
04/04/2025

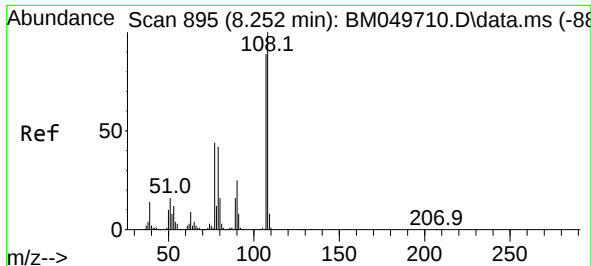


#16  
2,2'-oxybis(1-Chloropropane)  
Concen: 49.616 ng m  
RT: 8.316 min Scan# 906  
Delta R.T. -0.024 min  
Lab File: BM049806.D  
Acq: 03 Apr 2025 15:16



Tgt Ion: 45 Resp: 1083141  
Ion Ratio Lower Upper  
45 100  
77 16.4 0.0 36.1  
79 12.8 0.0 32.8





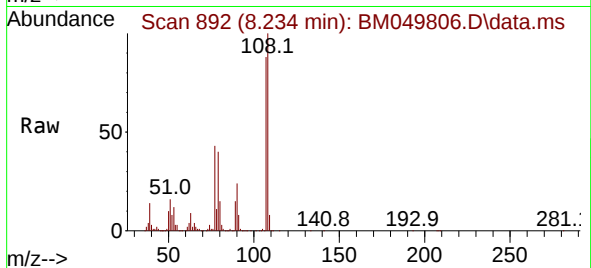
#17  
2-Methylphenol  
Concen: 52.875 ng  
RT: 8.234 min Scan# 895  
Delta R.T. -0.018 min  
Lab File: BM049806.D  
Acq: 03 Apr 2025 15:16

Instrument :

BNA\_M

ClientSampleId :

WCS-TP-2MS



|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 107   | Resp: | 72003 |
| Ion Ratio | Lower | Upper |       |
| 107       | 100   |       |       |
| 108       | 113.7 | 89.6  | 134.4 |
| 77        | 48.4  | 39.8  | 59.6  |
| 79        | 46.0  | 37.4  | 56.2  |

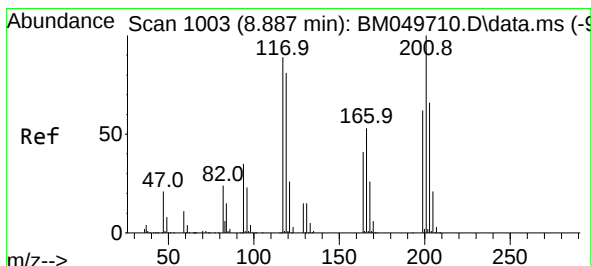
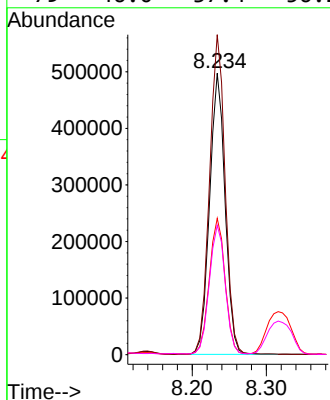
Manual Integrations  
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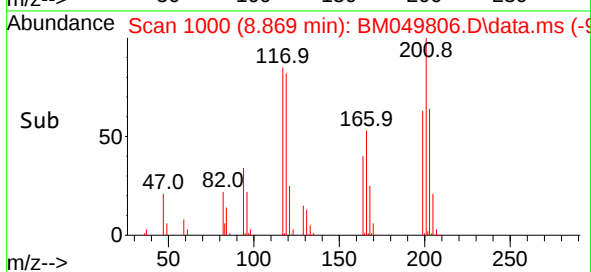
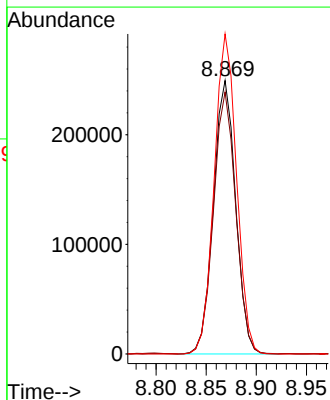
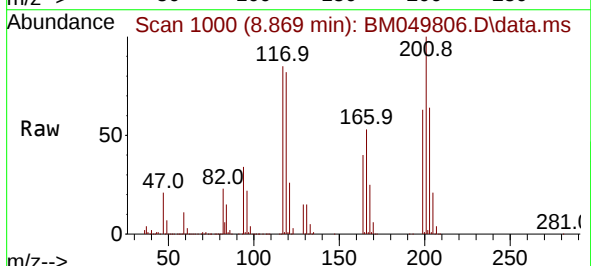
Supervised By :Jagrut  
Upadhyay

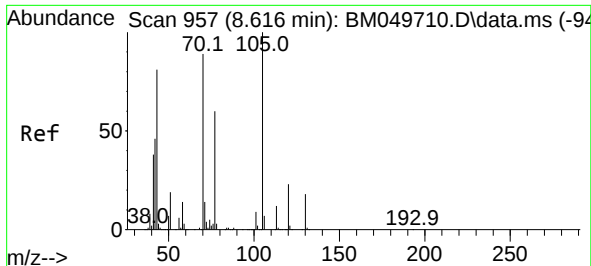
04/04/2025



#18  
Hexachloroethane  
Concen: 47.735 ng  
RT: 8.869 min Scan# 1000  
Delta R.T. -0.018 min  
Lab File: BM049806.D  
Acq: 03 Apr 2025 15:16

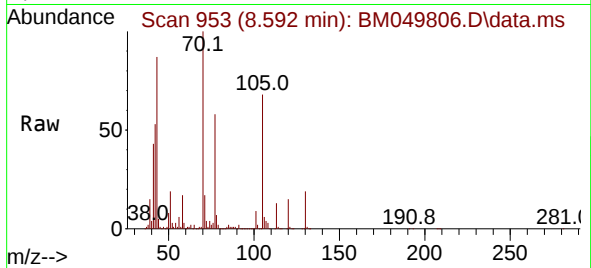
|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 117   | Resp: | 385777 |
| Ion Ratio | Lower | Upper |        |
| 117       | 100   |       |        |
| 119       | 95.8  | 73.1  | 109.7  |
| 201       | 117.0 | 90.0  | 135.0  |





#19  
n-Nitroso-di-n-propylamine  
Concen: 50.319 ng  
RT: 8.592 min Scan# 91  
Delta R.T. -0.024 min  
Lab File: BM049806.D  
Acq: 03 Apr 2025 15:16

Instrument :  
BNA\_M  
ClientSampleId :  
WCS-TP-2MS



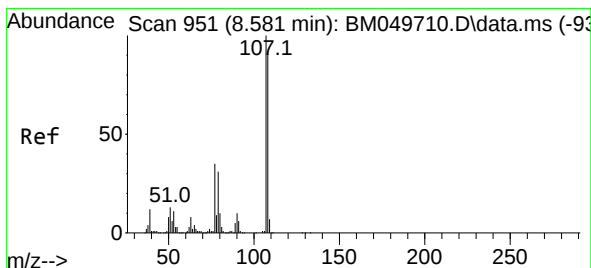
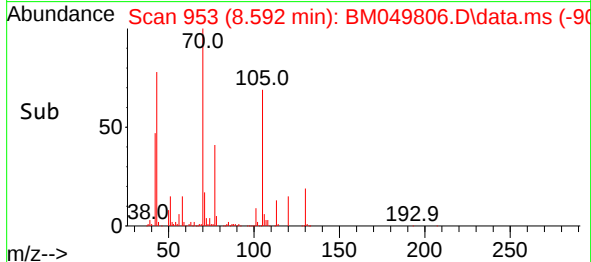
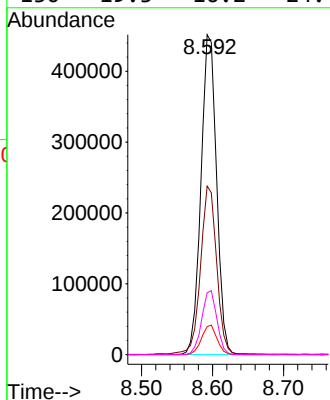
Tgt Ion: 70 Resp: 69021  
Ion Ratio Lower Upper  
70 100  
42 52.7 41.8 62.6  
101 8.8 7.7 11.5  
130 19.3 16.2 24.4

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Chavli

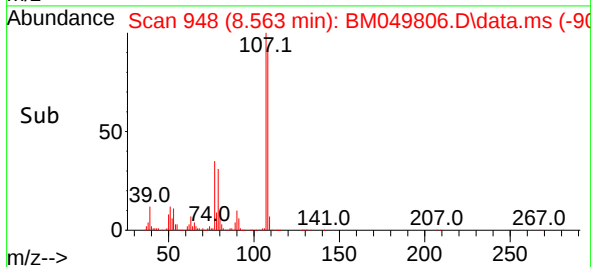
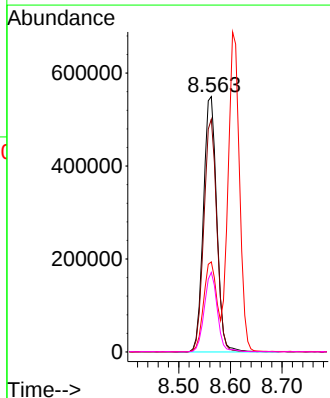
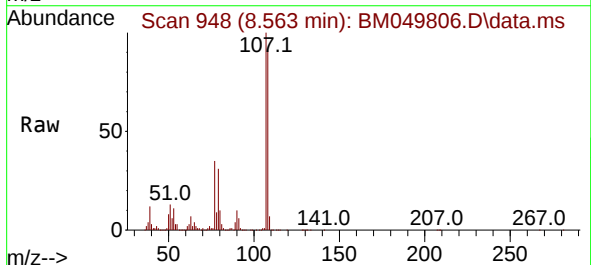
04/04/2025  
Supervised By :Jagrut  
Upadhyay

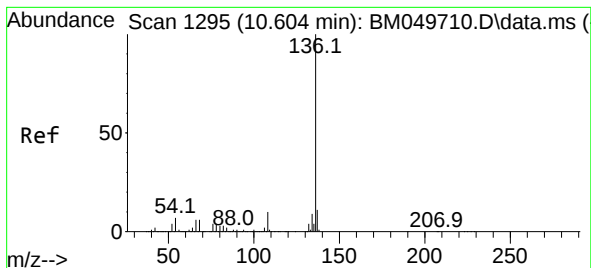
04/04/2025



#20  
3+4-Methylphenols  
Concen: 53.793 ng  
RT: 8.563 min Scan# 948  
Delta R.T. -0.018 min  
Lab File: BM049806.D  
Acq: 03 Apr 2025 15:16

Tgt Ion:107 Resp: 981683  
Ion Ratio Lower Upper  
107 100  
108 91.1 71.0 111.0  
77 35.3 15.1 55.1  
79 31.2 11.2 51.2





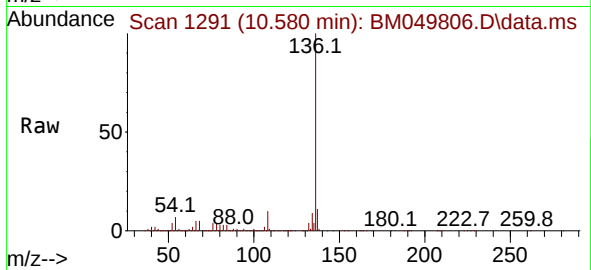
#21  
Naphthalene-d8  
Concen: 20.000 ng  
RT: 10.580 min Scan# 11  
Delta R.T. -0.024 min  
Lab File: BM049806.D  
Acq: 03 Apr 2025 15:16

Instrument :

BNA\_M

ClientSampleId :

WCS-TP-2MS



Tgt Ion:136 Resp: 110039  
Ion Ratio Lower Upper  
136 100  
137 11.1 8.6 12.8  
54 7.4 5.8 8.8  
68 5.4 4.5 6.7

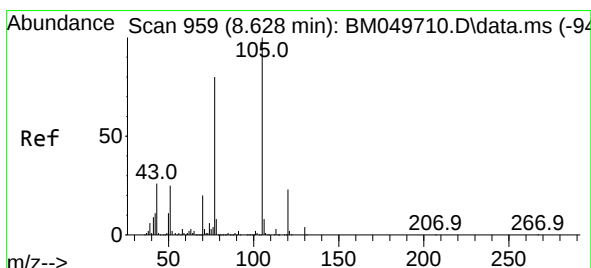
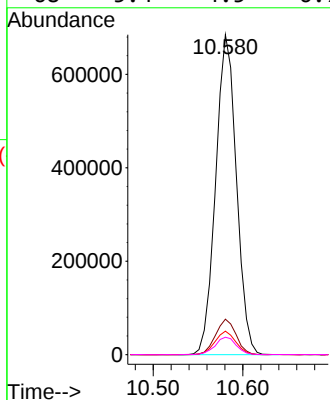
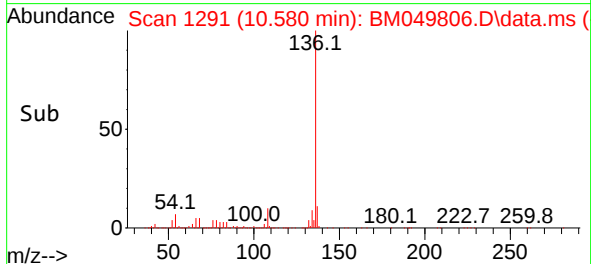
Manual Integrations  
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Reviewed By :Rahul  
Chavli

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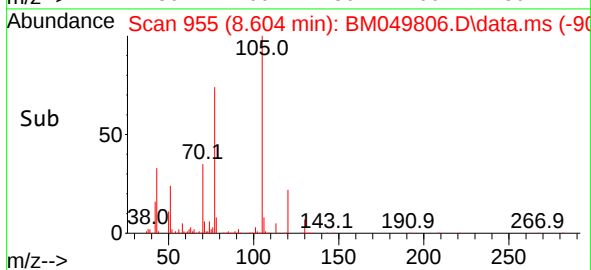
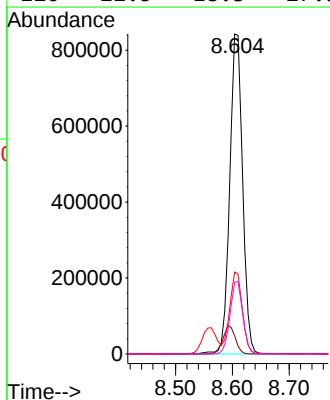
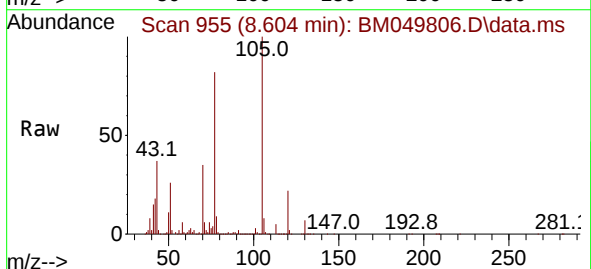
Supervised By :Jagrut  
Upadhyay

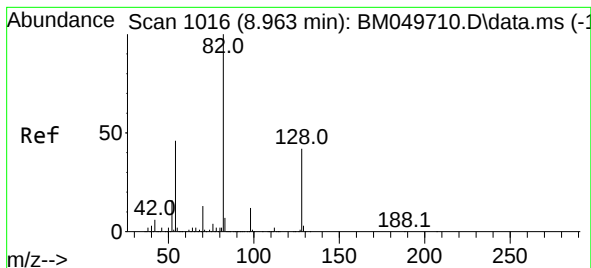
04/04/2025



#22  
Acetophenone  
Concen: 46.846 ng  
RT: 8.604 min Scan# 955  
Delta R.T. -0.024 min  
Lab File: BM049806.D  
Acq: 03 Apr 2025 15:16

Tgt Ion:105 Resp: 1329165  
Ion Ratio Lower Upper  
105 100  
71 5.6 2.5 3.7#  
51 25.6 19.9 29.9  
120 22.5 18.3 27.5





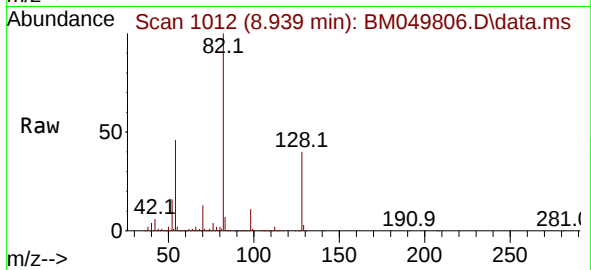
#23  
Nitrobenzene-d5  
Concen: 74.876 ng  
RT: 8.939 min Scan# 1016  
Delta R.T. -0.024 min  
Lab File: BM049806.D  
Acq: 03 Apr 2025 15:16

Instrument :

BNA\_M

ClientSampleId :

WCS-TP-2MS



Tgt Ion: 82 Resp: 160479  
Ion Ratio Lower Upper  
82 100  
128 39.6 33.4 50.0  
54 45.8 36.4 54.6

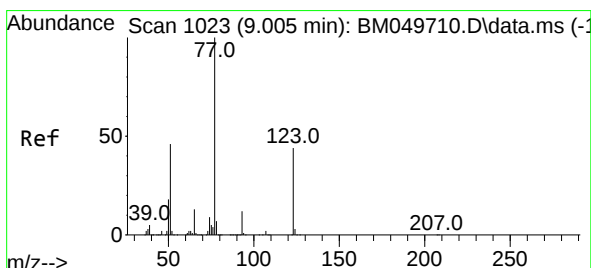
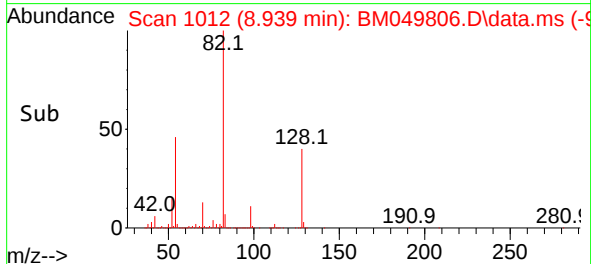
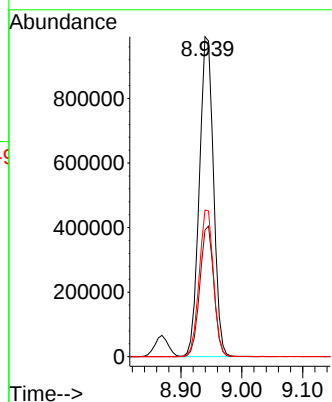
Manual Integrations  
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Reviewed By :Rahul  
Chavli

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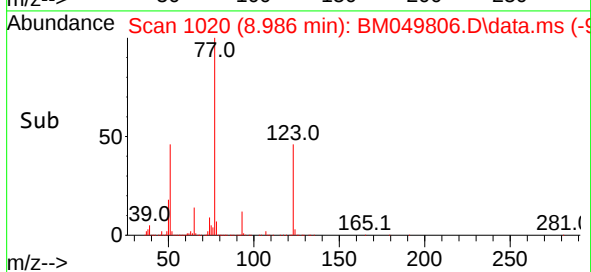
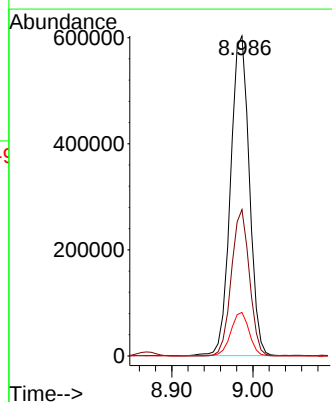
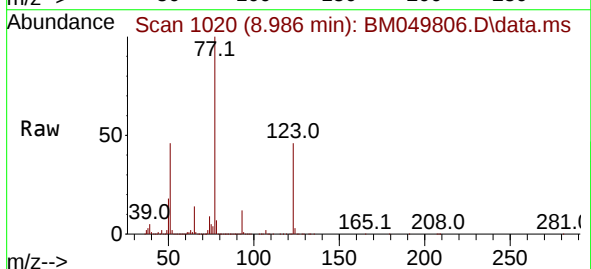
Supervised By :Jagrut  
Upadhyay

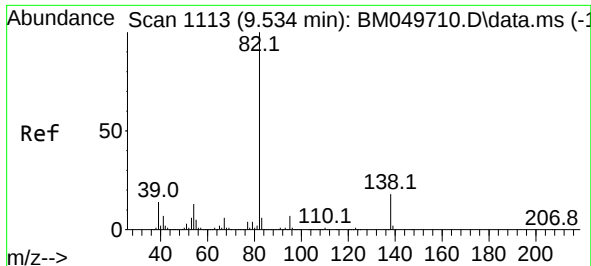
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#24  
Nitrobenzene  
Concen: 47.867 ng  
RT: 8.986 min Scan# 1020  
Delta R.T. -0.018 min  
Lab File: BM049806.D  
Acq: 03 Apr 2025 15:16

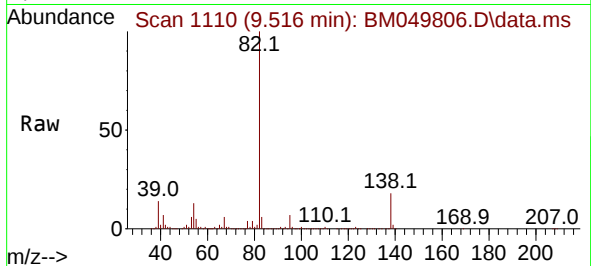
Tgt Ion: 77 Resp: 967367  
Ion Ratio Lower Upper  
77 100  
123 45.7 34.9 52.3  
65 13.6 10.6 15.8





#25  
Isophorone  
Concen: 54.074 ng  
RT: 9.516 min Scan# 1110  
Delta R.T. -0.018 min  
Lab File: BM049806.D  
Acq: 03 Apr 2025 15:16

Instrument :  
BNA\_M  
ClientSampleId :  
WCS-TP-2MS



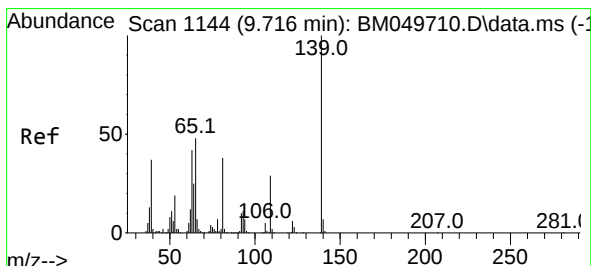
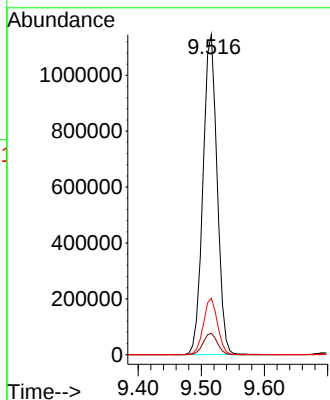
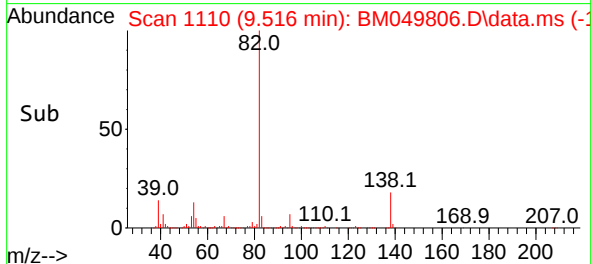
Tgt Ion: 82 Resp: 177940  
Ion Ratio Lower Upper  
82 100  
95 6.7 5.3 7.9  
138 17.7 14.4 21.6

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Chavli

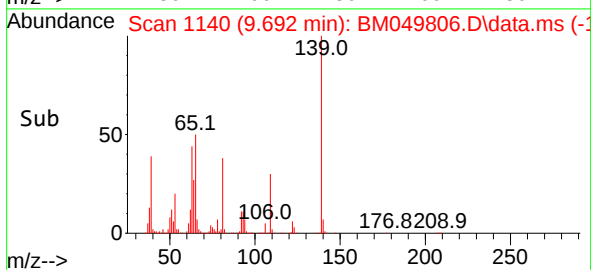
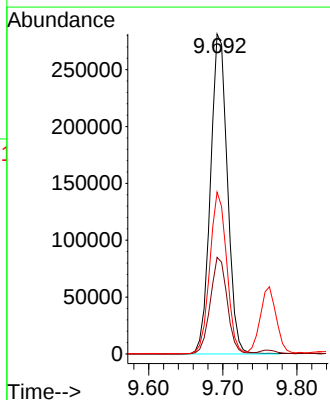
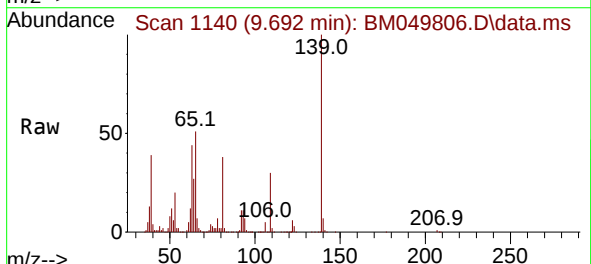
04/04/2025  
Supervised By :Jagrut  
Upadhyay

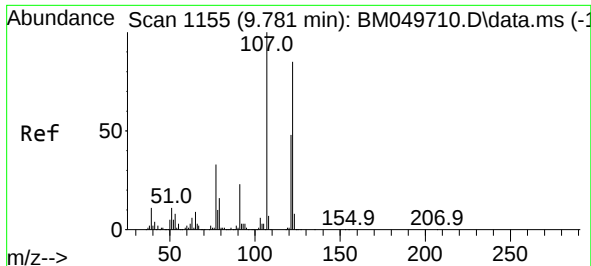
04/04/2025



#26  
2-Nitrophenol  
Concen: 51.798 ng  
RT: 9.692 min Scan# 1140  
Delta R.T. -0.024 min  
Lab File: BM049806.D  
Acq: 03 Apr 2025 15:16

Tgt Ion:139 Resp: 445545  
Ion Ratio Lower Upper  
139 100  
109 30.2 23.3 34.9  
65 50.6 38.6 58.0





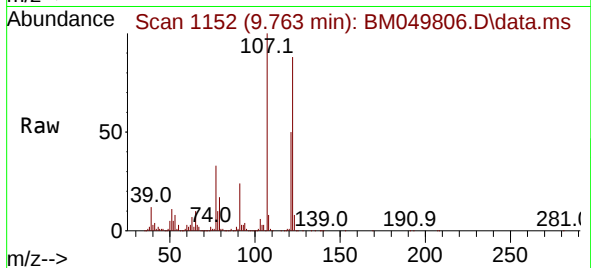
#27  
2,4-Dimethylphenol  
Concen: 72.620 ng  
RT: 9.763 min Scan# 1152  
Delta R.T. -0.018 min  
Lab File: BM049806.D  
Acq: 03 Apr 2025 15:16

Instrument :

BNA\_M

ClientSampleId :

WCS-TP-2MS



Tgt Ion:122 Resp: 79509  
Ion Ratio Lower Upper  
122 100  
107 113.3 94.3 141.5  
121 56.6 45.4 68.2

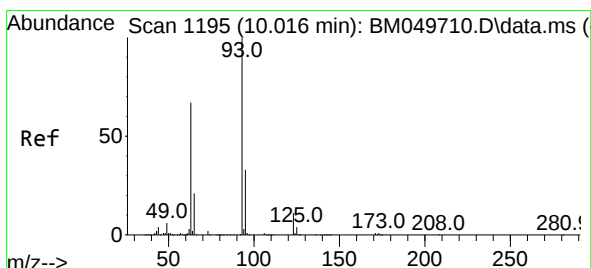
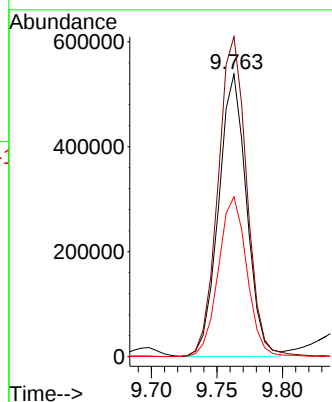
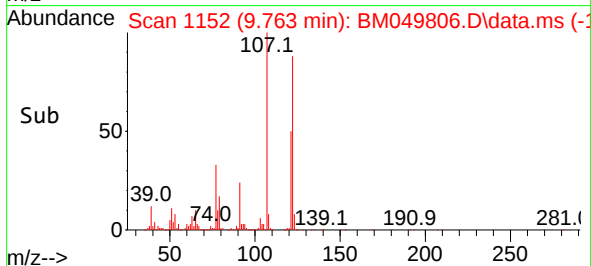
Manual Integrations  
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Chavli

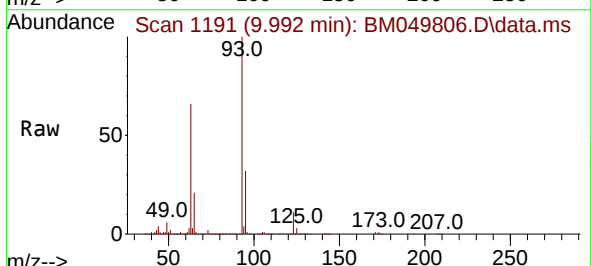
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Supervised By :Jagrut  
Upadhyay

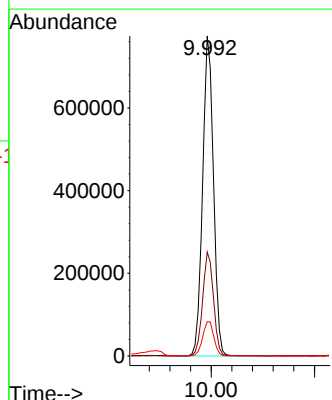
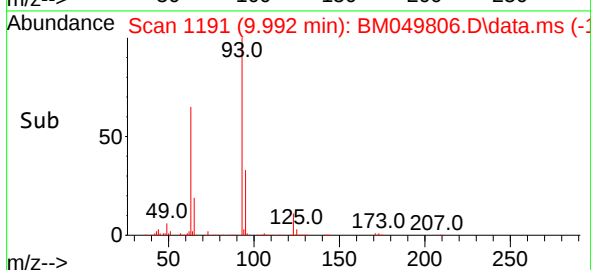
04/04/2025

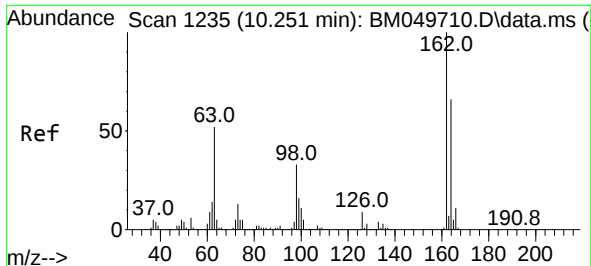


#28  
bis(2-Chloroethoxy)methane  
Concen: 48.541 ng  
RT: 9.992 min Scan# 1191  
Delta R.T. -0.024 min  
Lab File: BM049806.D  
Acq: 03 Apr 2025 15:16



Tgt Ion: 93 Resp: 1125029  
Ion Ratio Lower Upper  
93 100  
95 32.5 26.6 40.0  
123 10.7 9.0 13.6





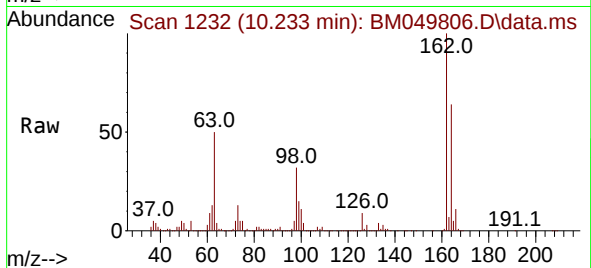
#29  
2,4-Dichlorophenol  
Concen: 50.325 ng  
RT: 10.233 min Scan# 1235  
Delta R.T. -0.018 min  
Lab File: BM049806.D  
Acq: 03 Apr 2025 15:16

Instrument :

BNA\_M

ClientSampleId :

WCS-TP-2MS



Tgt Ion:162 Resp: 897839  
Ion Ratio Lower Upper  
162 100  
164 64.2 46.3 86.3  
98 32.4 12.8 52.8

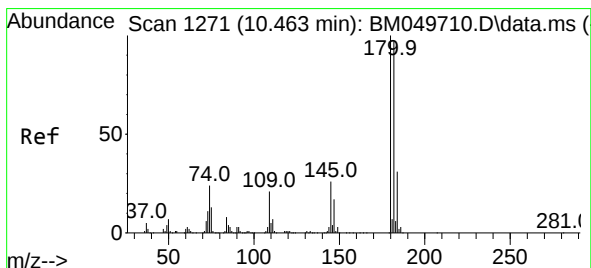
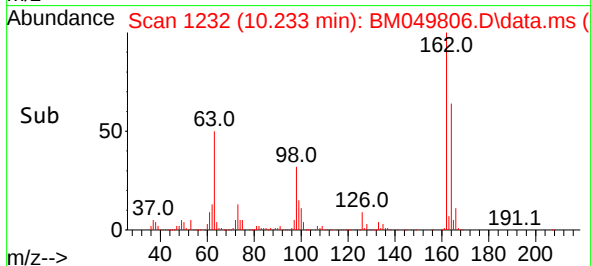
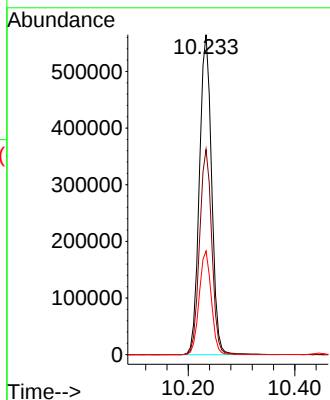
Manual Integrations  
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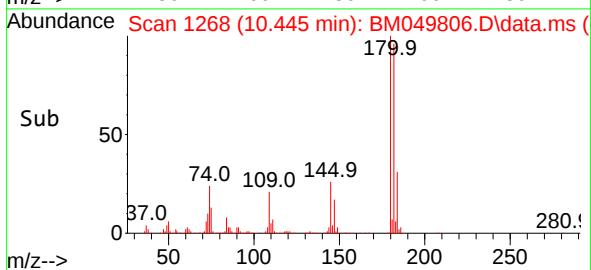
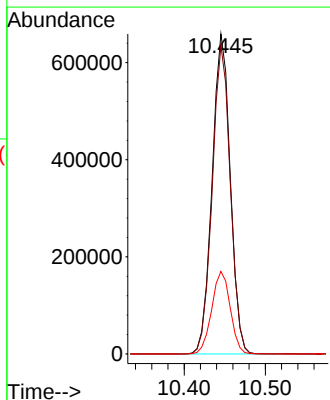
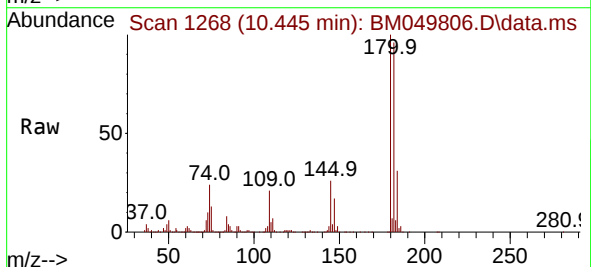
Supervised By :Jagrut  
Upadhyay

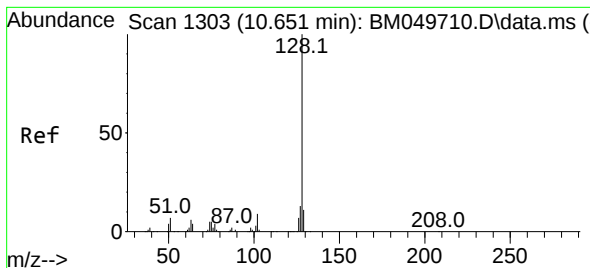
04/04/2025



#30  
1,2,4-Trichlorobenzene  
Concen: 45.851 ng  
RT: 10.445 min Scan# 1268  
Delta R.T. -0.018 min  
Lab File: BM049806.D  
Acq: 03 Apr 2025 15:16

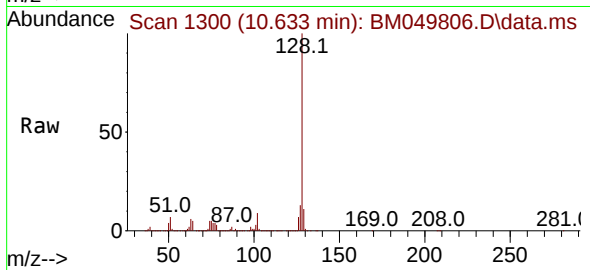
Tgt Ion:180 Resp: 1023463  
Ion Ratio Lower Upper  
180 100  
182 96.3 77.7 116.5  
145 25.8 21.0 31.4





#31  
Naphthalene  
Concen: 45.706 ng  
RT: 10.633 min Scan# 1175  
Delta R.T. -0.018 min  
Lab File: BM049806.D  
Acq: 03 Apr 2025 15:16

Instrument :  
BNA\_M  
ClientSampleId :  
WCS-TP-2MS



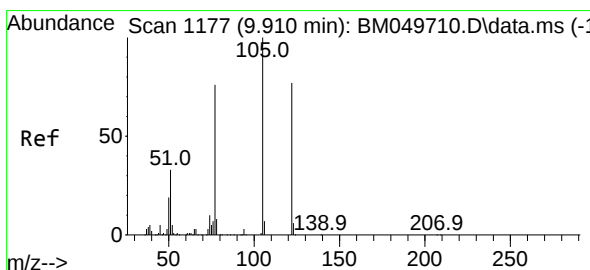
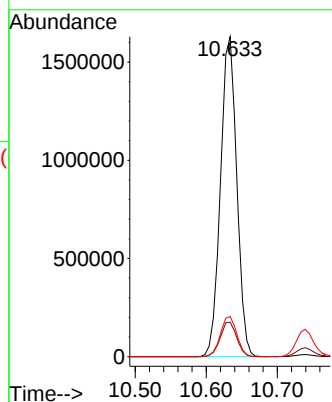
Tgt Ion:128 Resp: 2586189  
Ion Ratio Lower Upper  
128 100  
129 10.8 8.6 13.0  
127 12.5 10.4 15.6

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Chavli

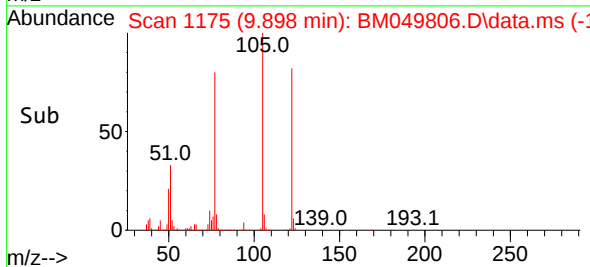
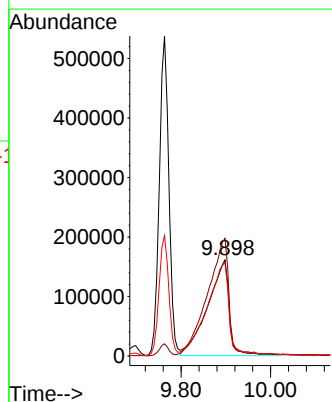
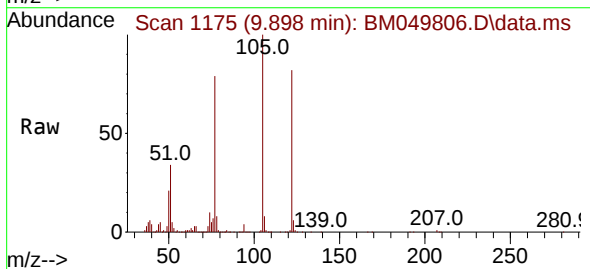
04/04/2025  
Supervised By :Jagrut  
Upadhyay

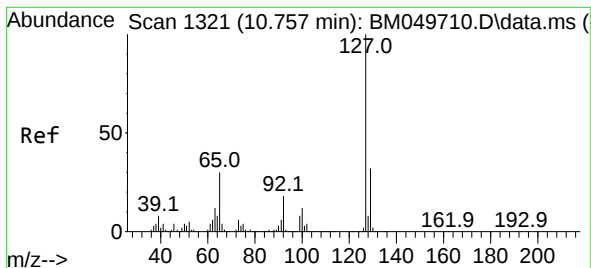
04/04/2025



#32  
Benzoic acid  
Concen: 58.038 ng m  
RT: 9.898 min Scan# 1175  
Delta R.T. -0.012 min  
Lab File: BM049806.D  
Acq: 03 Apr 2025 15:16

Tgt Ion:122 Resp: 540425  
Ion Ratio Lower Upper  
122 100  
105 122.5 105.6 145.6  
77 97.1 76.9 116.9





#33  
4-Chloroaniline  
Concen: 12.789 ng  
RT: 10.739 min Scan# 1318  
Delta R.T. -0.018 min  
Lab File: BM049806.D  
Acq: 03 Apr 2025 15:16

Instrument :

BNA\_M

ClientSampleId :

WCS-TP-2MS

Tgt Ion:127 Resp: 246969  
Ion Ratio Lower Upper  
127 100  
129 32.6 25.7 38.5  
65 30.5 24.1 36.1  
92 18.3 14.5 21.7

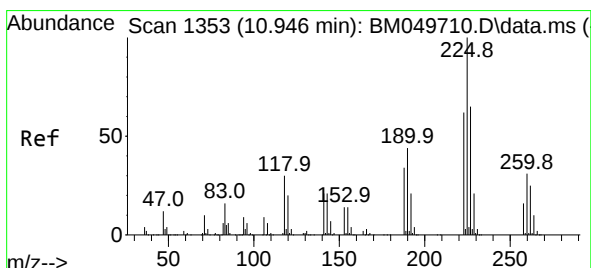
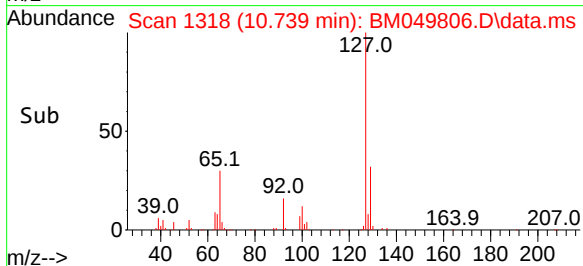
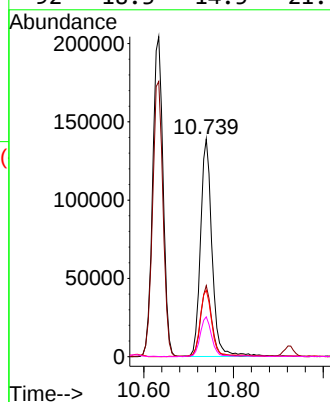
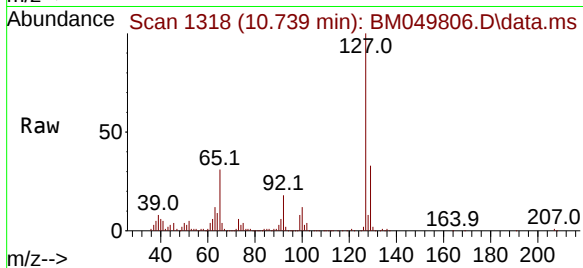
Manual Integrations  
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Chavli

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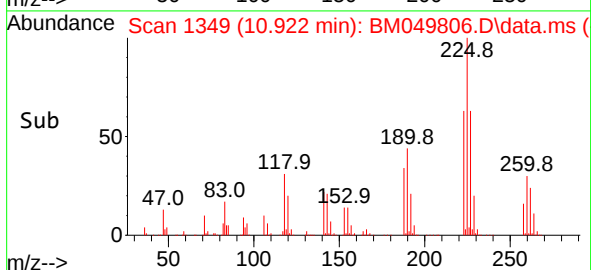
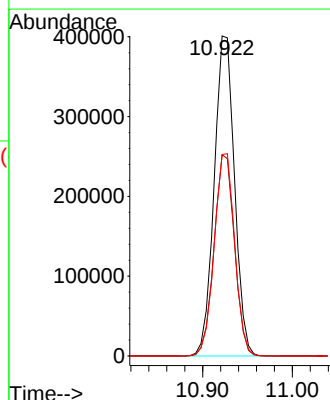
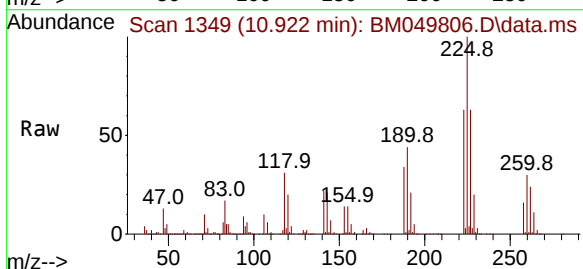
Supervised By :Jagrut  
Upadhyay

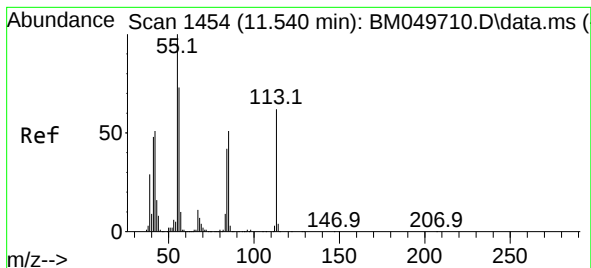
04/04/2025



#34  
Hexachlorobutadiene  
Concen: 45.757 ng  
RT: 10.922 min Scan# 1349  
Delta R.T. -0.024 min  
Lab File: BM049806.D  
Acq: 03 Apr 2025 15:16

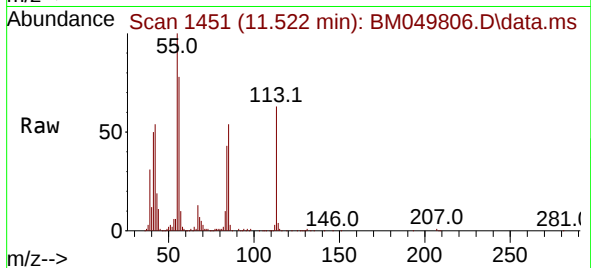
Tgt Ion:225 Resp: 630512  
Ion Ratio Lower Upper  
225 100  
223 62.9 49.8 74.8  
227 63.0 52.1 78.1





#35  
Caprolactam  
Concen: 56.027 ng  
RT: 11.522 min Scan# 1451  
Delta R.T. -0.018 min  
Lab File: BM049806.D  
Acq: 03 Apr 2025 15:16

Instrument :  
BNA\_M  
ClientSampleId :  
WCS-TP-2MS



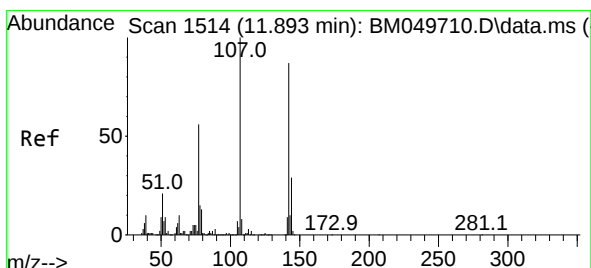
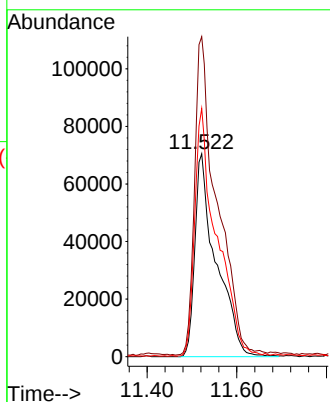
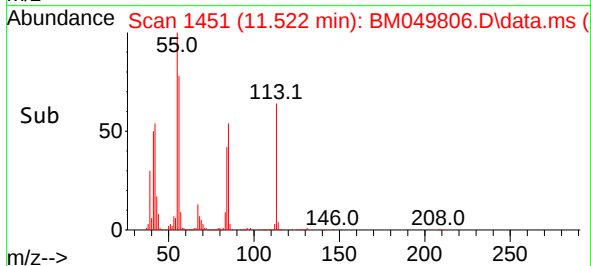
Tgt Ion:113 Resp: 23206  
Ion Ratio Lower Upper  
113 100  
55 157.7 141.8 181.8  
56 122.3 98.0 138.0

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Chavli

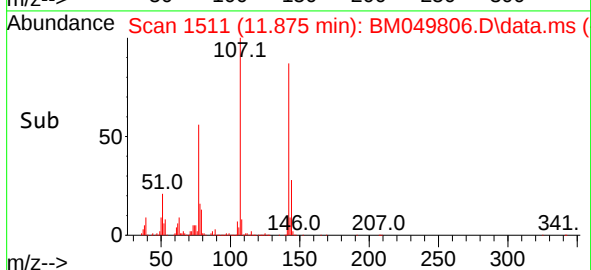
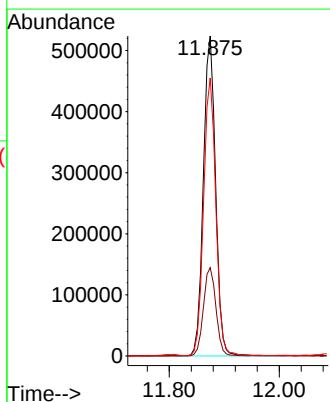
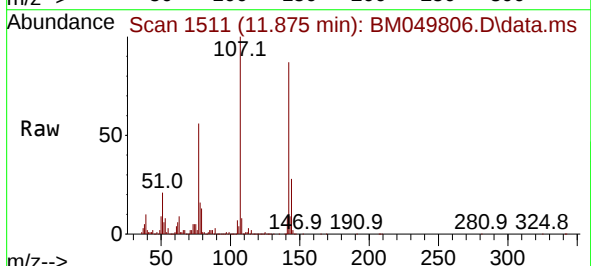
04/04/2025  
Supervised By :Jagrut  
Upadhyay

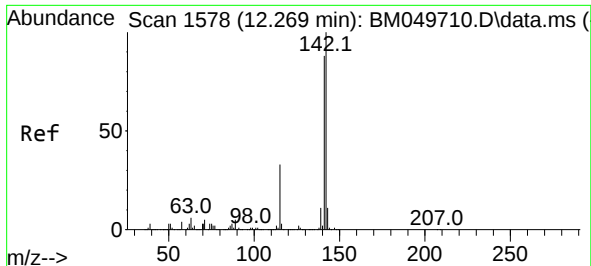
04/04/2025



#36  
4-Chloro-3-methylphenol  
Concen: 52.735 ng  
RT: 11.875 min Scan# 1511  
Delta R.T. -0.018 min  
Lab File: BM049806.D  
Acq: 03 Apr 2025 15:16

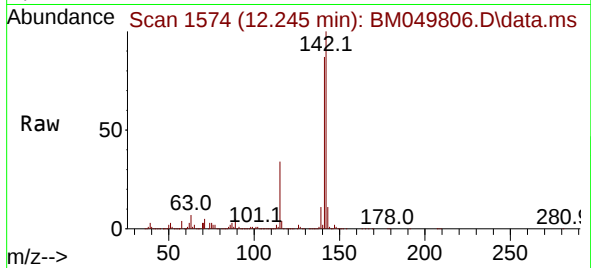
Tgt Ion:107 Resp: 807404  
Ion Ratio Lower Upper  
107 100  
144 27.6 23.0 34.6  
142 86.9 69.8 104.8





#37  
2-Methylnaphthalene  
Concen: 42.676 ng  
RT: 12.245 min Scan# 1578  
Delta R.T. -0.024 min  
Lab File: BM049806.D  
Acq: 03 Apr 2025 15:16

Instrument :  
BNA\_M  
ClientSampleId :  
WCS-TP-2MS



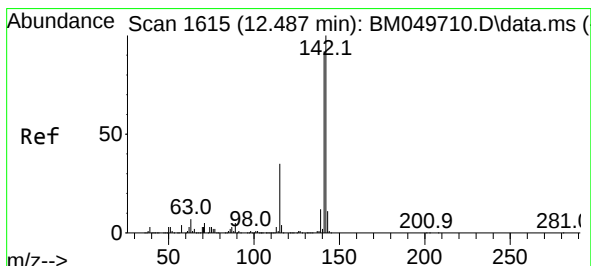
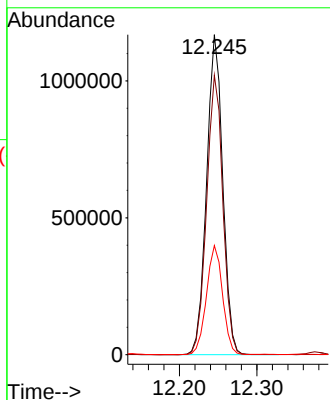
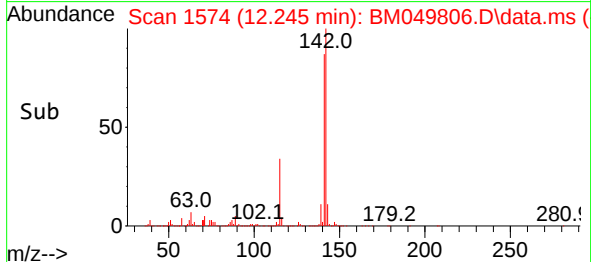
Tgt Ion:142 Resp: 1688490  
Ion Ratio Lower Upper  
142 100  
141 87.3 70.5 105.7  
115 34.1 26.5 39.7

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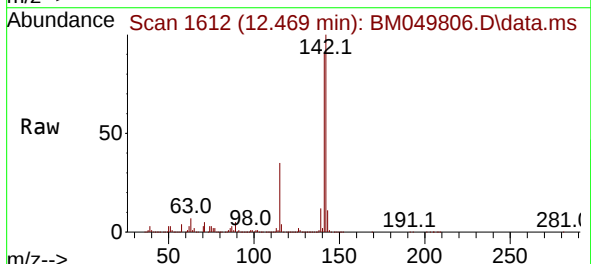
Reviewed By :Rahul  
Chavli

04/04/2025  
Supervised By :Jagrut  
Upadhyay

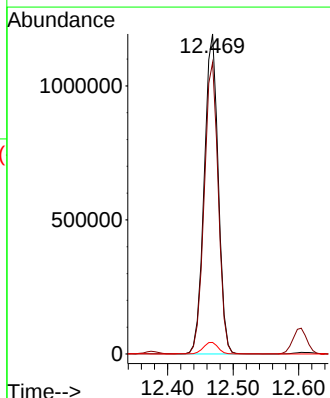
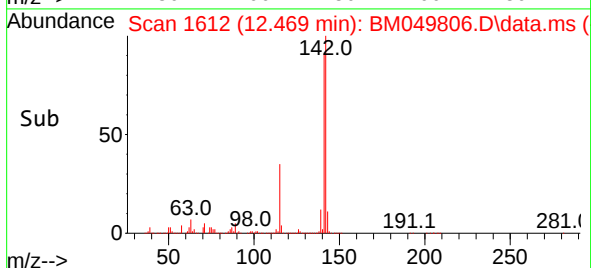
04/04/2025

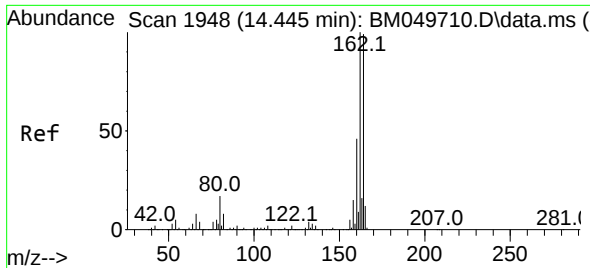


#38  
1-Methylnaphthalene  
Concen: 46.480 ng  
RT: 12.469 min Scan# 1612  
Delta R.T. -0.018 min  
Lab File: BM049806.D  
Acq: 03 Apr 2025 15:16



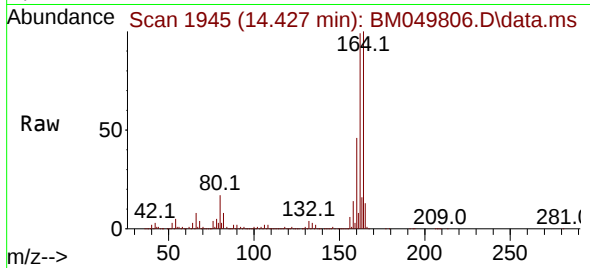
Tgt Ion:142 Resp: 1774273  
Ion Ratio Lower Upper  
142 100  
141 91.0 73.4 110.2  
116 3.6 2.8 4.2





#39  
Acenaphthene-d10  
Concen: 20.000 ng  
RT: 14.427 min Scan# 1945  
Delta R.T. -0.018 min  
Lab File: BM049806.D  
Acq: 03 Apr 2025 15:16

Instrument :  
BNA\_M  
ClientSampleId :  
WCS-TP-2MS



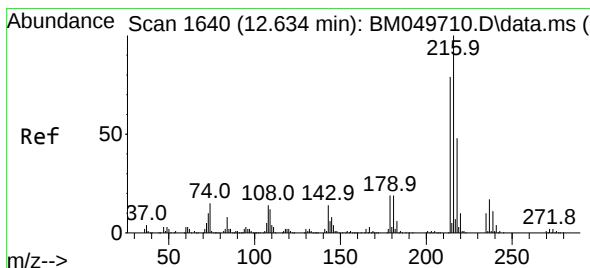
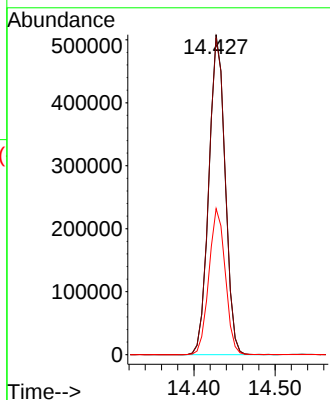
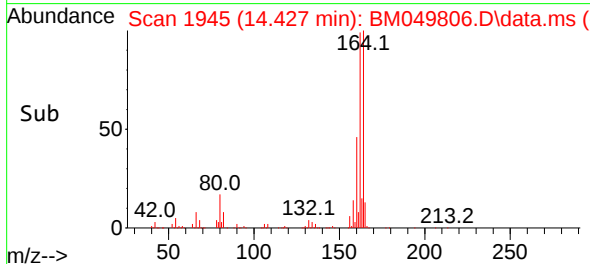
Tgt Ion:164 Resp: 703930  
Ion Ratio Lower Upper  
164 100  
162 98.9 80.5 120.7  
160 45.6 36.9 55.3

Manual Integrations  
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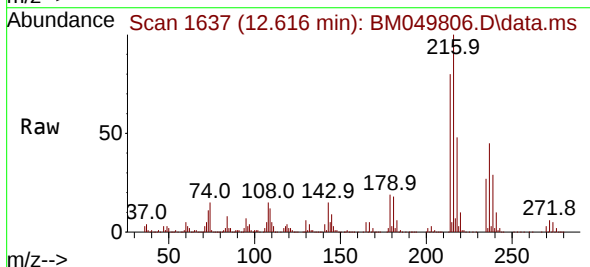
Reviewed By :Rahul  
Chavli

04/04/2025  
Supervised By :Jagrut  
Upadhyay

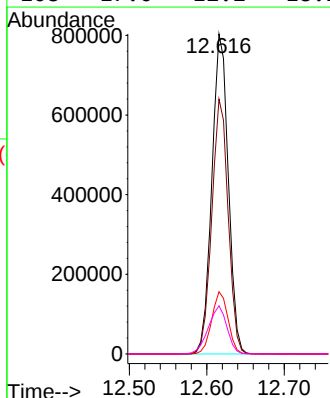
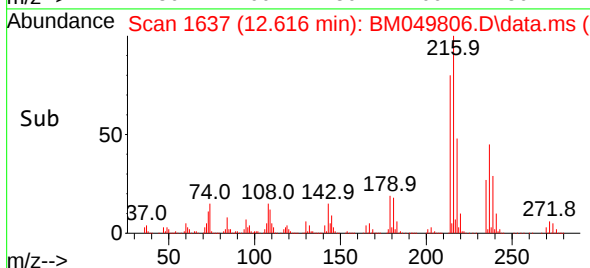
04/04/2025

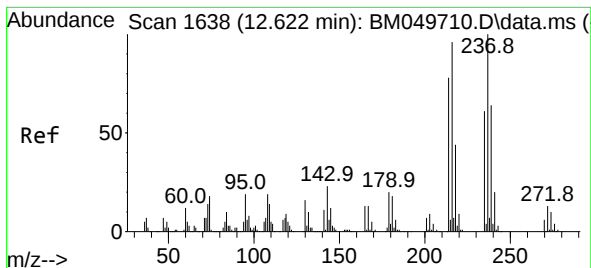


#40  
1,2,4,5-Tetrachlorobenzene  
Concen: 45.870 ng  
RT: 12.616 min Scan# 1637  
Delta R.T. -0.018 min  
Lab File: BM049806.D  
Acq: 03 Apr 2025 15:16



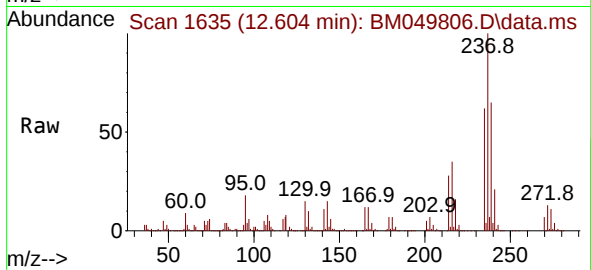
Tgt Ion:216 Resp: 1186063  
Ion Ratio Lower Upper  
216 100  
214 79.2 63.5 95.3  
179 19.3 15.7 23.5  
108 17.0 12.2 18.2





#41  
Hexachlorocyclopentadiene  
Concen: 133.004 ng  
RT: 12.604 min Scan# 1  
Delta R.T. -0.018 min  
Lab File: BM049806.D  
Acq: 03 Apr 2025 15:16

Instrument :  
BNA\_M  
ClientSampleId :  
WCS-TP-2MS



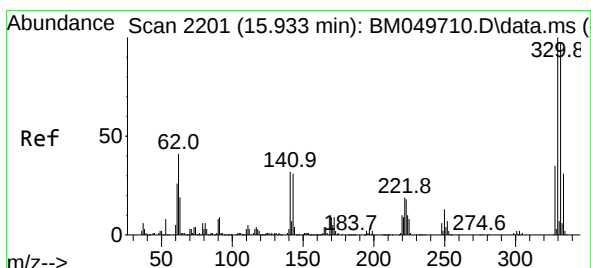
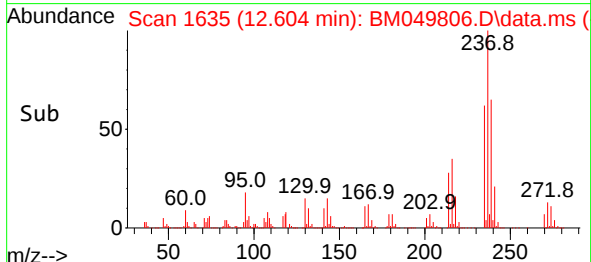
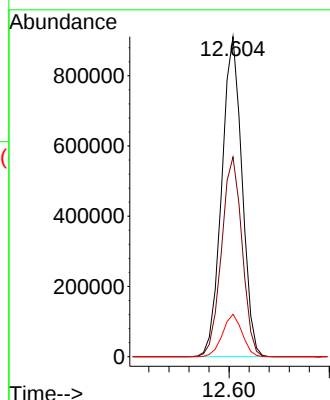
Tgt Ion:237 Resp: 1274060  
Ion Ratio Lower Upper  
237 100  
235 62.4 41.1 81.1  
272 13.2 0.0 32.5

Manual Integrations  
APPROVED

Reviewed By :Rahul  
Chavli

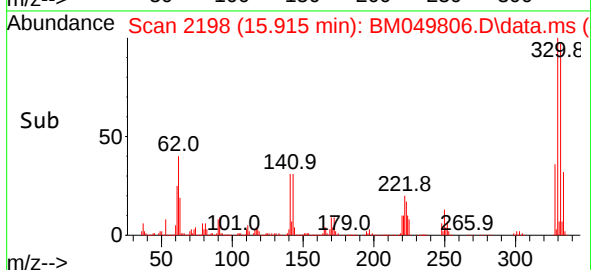
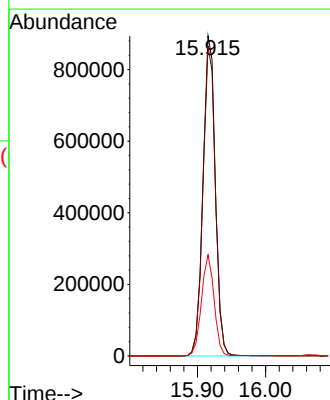
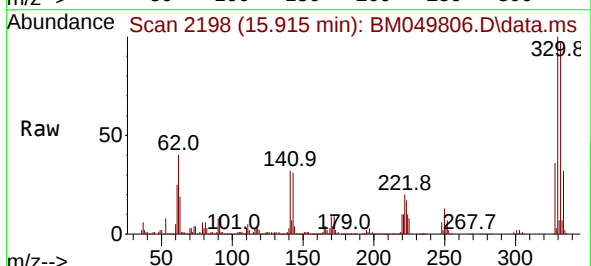
04/04/2025  
Supervised By :Jagrut  
Upadhyay

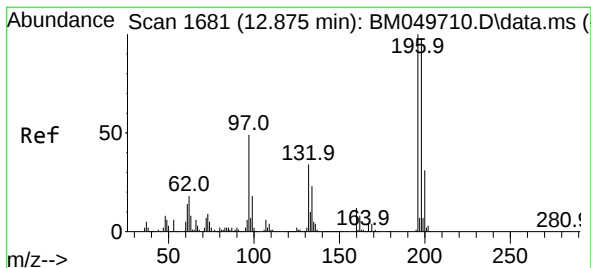
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#42  
2,4,6-Tribromophenol  
Concen: 137.063 ng  
RT: 15.915 min Scan# 2198  
Delta R.T. -0.018 min  
Lab File: BM049806.D  
Acq: 03 Apr 2025 15:16

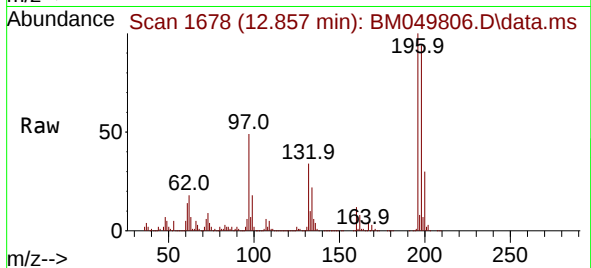
Tgt Ion:330 Resp: 1126636  
Ion Ratio Lower Upper  
330 100  
332 97.1 77.0 115.4  
141 32.4 27.8 41.6





#43  
2,4,6-Trichlorophenol  
Concen: 51.114 ng  
RT: 12.857 min Scan# 1681  
Delta R.T. -0.018 min  
Lab File: BM049806.D  
Acq: 03 Apr 2025 15:16

Instrument :  
BNA\_M  
ClientSampleId :  
WCS-TP-2MS



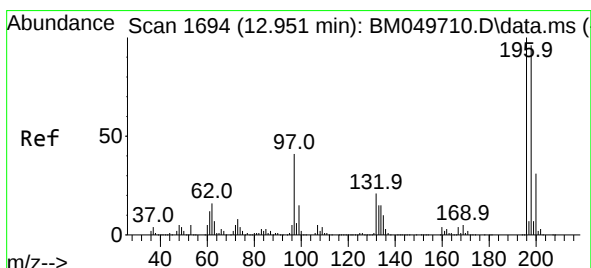
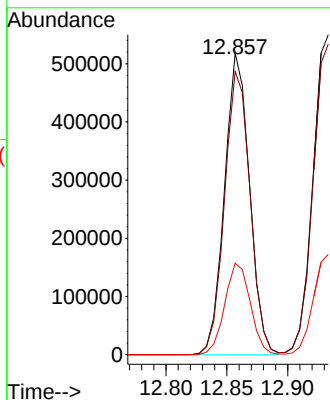
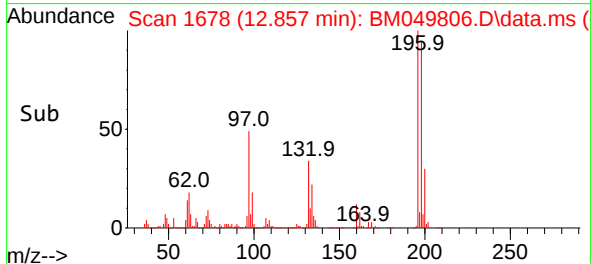
Tgt Ion:196 Resp: 74021  
Ion Ratio Lower Upper  
196 100  
198 93.9 78.3 117.5  
200 30.4 25.1 37.7

Manual Integrations  
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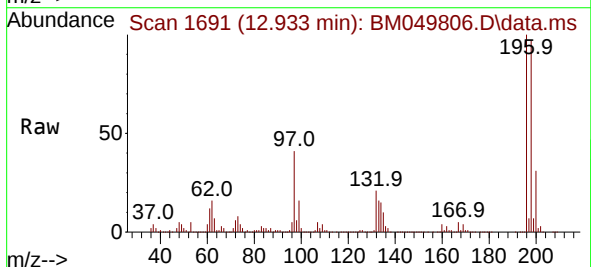
Reviewed By :Rahul  
Chavli

04/04/2025  
Supervised By :Jagrut  
Upadhyay

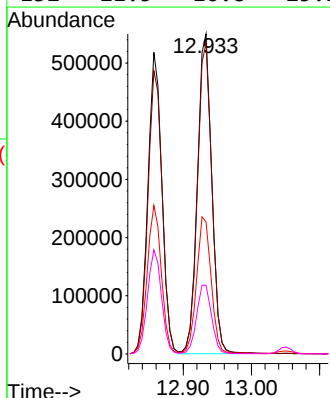
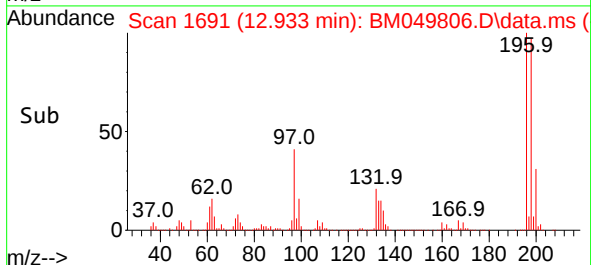
04/04/2025

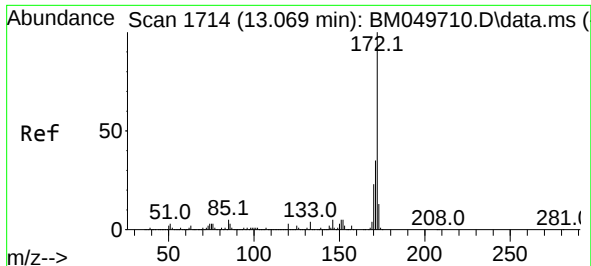


#44  
2,4,5-Trichlorophenol  
Concen: 50.888 ng  
RT: 12.933 min Scan# 1691  
Delta R.T. -0.018 min  
Lab File: BM049806.D  
Acq: 03 Apr 2025 15:16



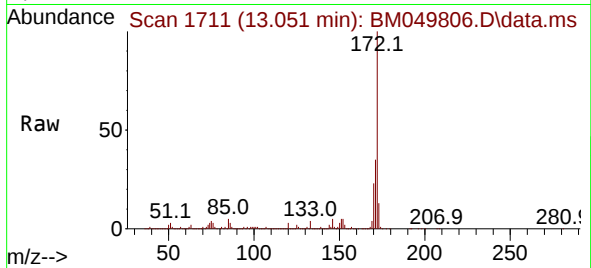
Tgt Ion:196 Resp: 804185  
Ion Ratio Lower Upper  
196 100  
198 97.1 76.7 115.1  
97 41.3 32.9 49.3  
132 21.5 16.8 25.2





#45  
2-Fluorobiphenyl  
Concen: 67.071 ng  
RT: 13.051 min Scan# 1711  
Delta R.T. -0.018 min  
Lab File: BM049806.D  
Acq: 03 Apr 2025 15:16

Instrument :  
BNA\_M  
ClientSampleId :  
WCS-TP-2MS



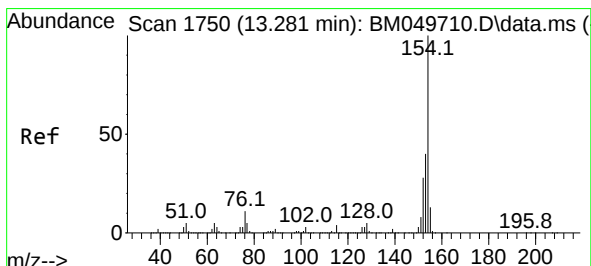
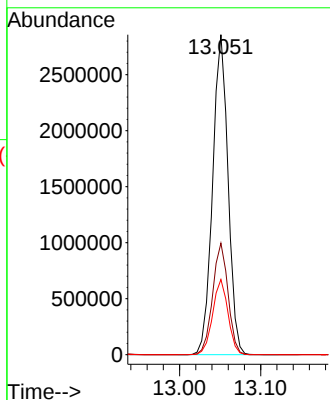
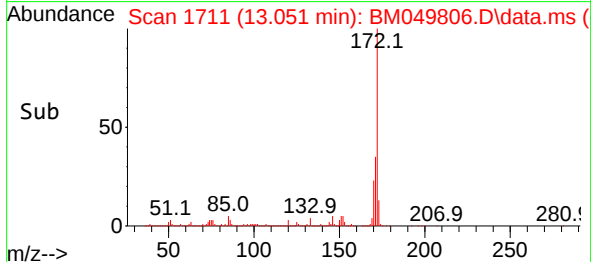
Tgt Ion:172 Resp: 3769949  
Ion Ratio Lower Upper  
172 100  
171 34.8 27.9 41.9  
170 23.5 18.6 28.0

Manual Integrations  
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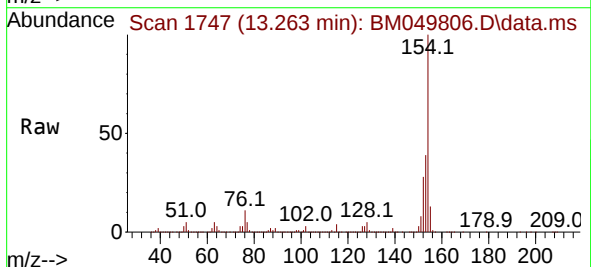
Reviewed By :Rahul  
Chavli

04/04/2025  
Supervised By :Jagrut  
Upadhyay

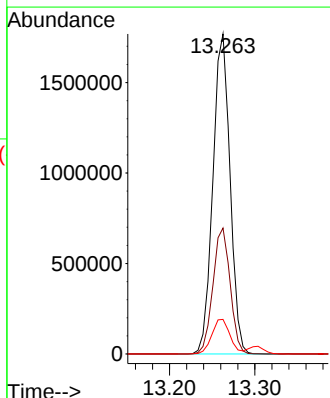
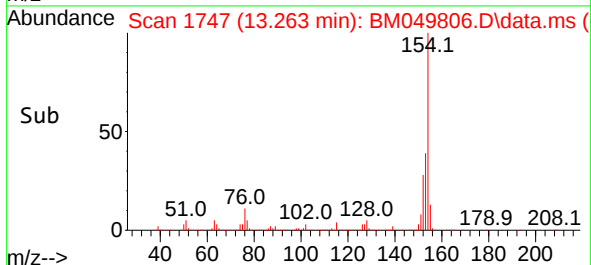
04/04/2025

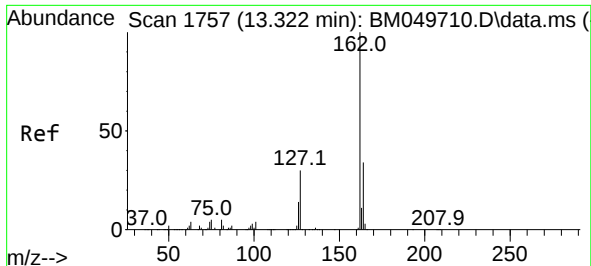


#46  
1,1'-Biphenyl  
Concen: 45.506 ng  
RT: 13.263 min Scan# 1747  
Delta R.T. -0.018 min  
Lab File: BM049806.D  
Acq: 03 Apr 2025 15:16



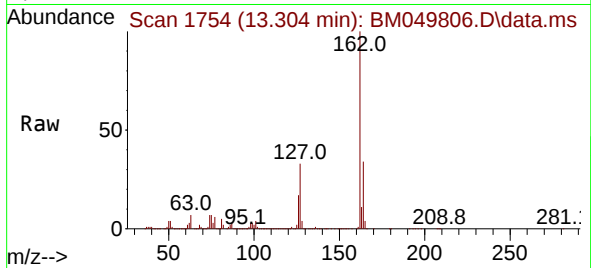
Tgt Ion:154 Resp: 2468829  
Ion Ratio Lower Upper  
154 100  
153 39.4 19.7 59.7  
76 10.8 0.0 31.2





#47  
2-Chloronaphthalene  
Concen: 45.968 ng  
RT: 13.304 min Scan# 1754  
Delta R.T. -0.018 min  
Lab File: BM049806.D  
Acq: 03 Apr 2025 15:16

Instrument :  
BNA\_M  
ClientSampleId :  
WCS-TP-2MS



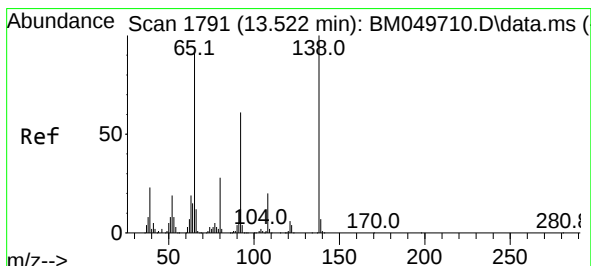
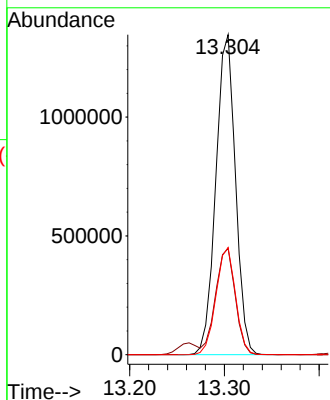
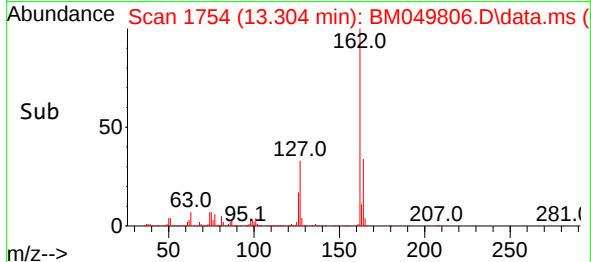
Tgt Ion:162 Resp: 1941190  
Ion Ratio Lower Upper  
162 100  
127 33.2 25.8 38.6  
164 33.5 27.1 40.7

Manual Integrations  
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Reviewed By :Rahul  
Chavli

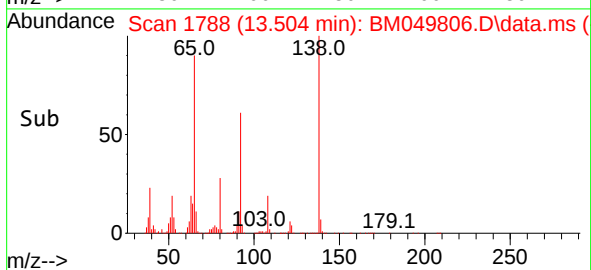
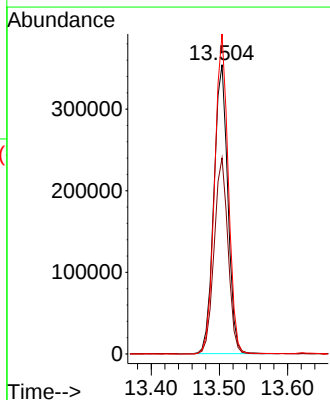
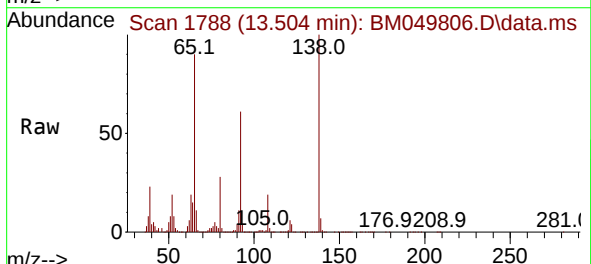
04/04/2025  
Supervised By :Jagrut  
Upadhyay

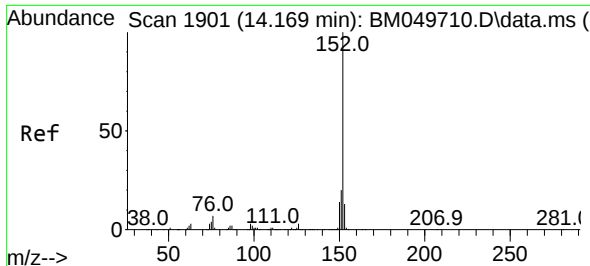
04/04/2025



#48  
2-Nitroaniline  
Concen: 53.209 ng  
RT: 13.504 min Scan# 1788  
Delta R.T. -0.018 min  
Lab File: BM049806.D  
Acq: 03 Apr 2025 15:16

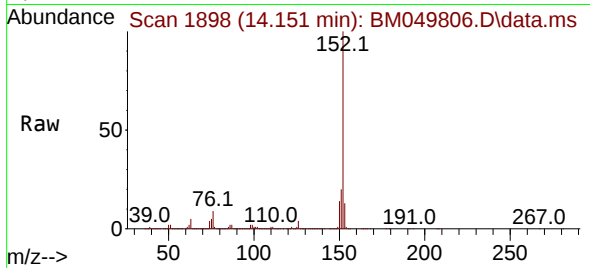
Tgt Ion: 65 Resp: 504408  
Ion Ratio Lower Upper  
65 100  
92 67.7 53.4 80.2  
138 110.6 87.6 131.4





#49  
Acenaphthylene  
Concen: 52.869 ng  
RT: 14.151 min Scan# 1898  
Delta R.T. -0.018 min  
Lab File: BM049806.D  
Acq: 03 Apr 2025 15:16

Instrument :  
BNA\_M  
ClientSampleId :  
WCS-TP-2MS



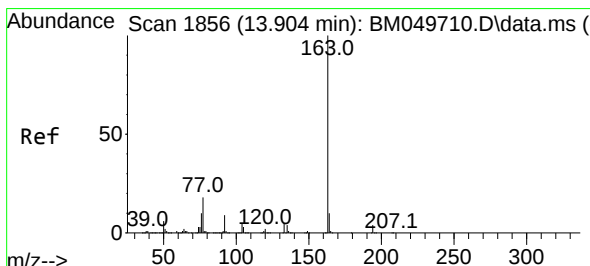
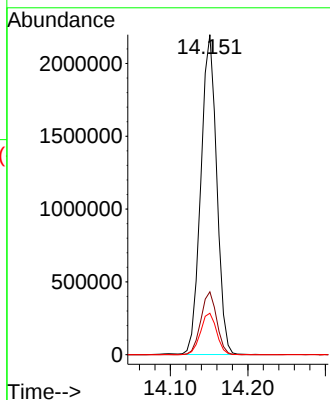
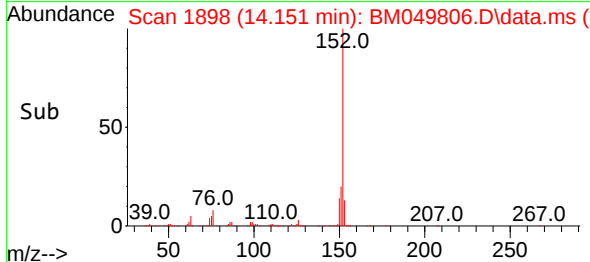
Tgt Ion:152 Resp: 312068  
Ion Ratio Lower Upper  
152 100  
151 19.7 15.8 23.8  
153 12.9 10.2 15.4

Manual Integrations  
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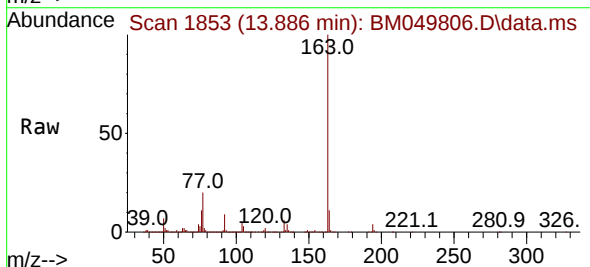
Reviewed By :Rahul  
Chavli

04/04/2025  
Supervised By :Jagrut  
Upadhyay

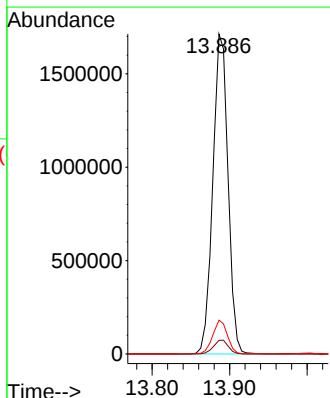
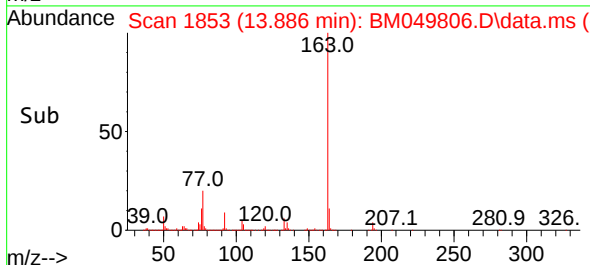
04/04/2025

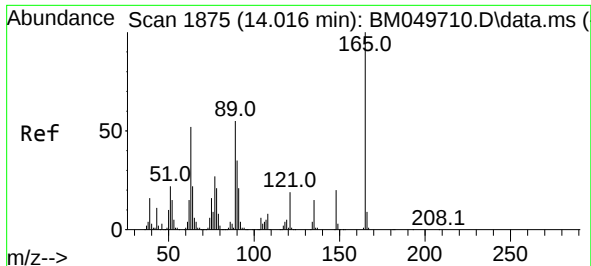


#50  
Dimethylphthalate  
Concen: 48.050 ng  
RT: 13.886 min Scan# 1853  
Delta R.T. -0.018 min  
Lab File: BM049806.D  
Acq: 03 Apr 2025 15:16



Tgt Ion:163 Resp: 2328781  
Ion Ratio Lower Upper  
163 100  
194 4.2 3.4 5.0  
164 10.5 8.2 12.2





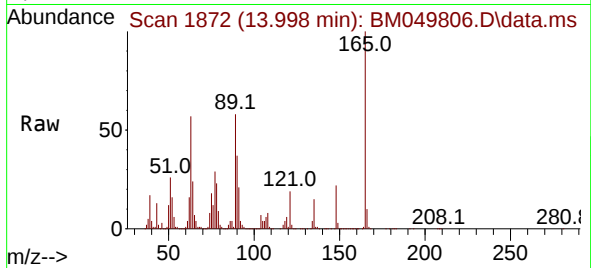
#51  
2,6-Dinitrotoluene  
Concen: 49.497 ng  
RT: 13.998 min Scan# 1875  
Delta R.T. -0.018 min  
Lab File: BM049806.D  
Acq: 03 Apr 2025 15:16

Instrument :

BNA\_M

ClientSampleId :

WCS-TP-2MS



Tgt Ion:165 Resp: 480670  
Ion Ratio Lower Upper  
165 100  
63 56.6 42.3 63.5  
89 57.6 43.9 65.9

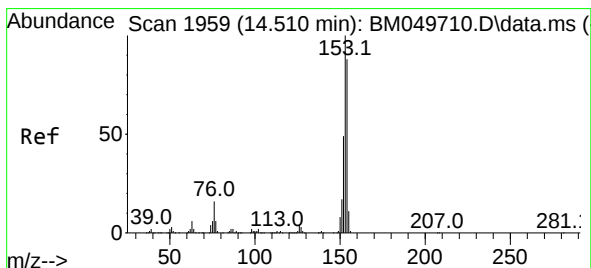
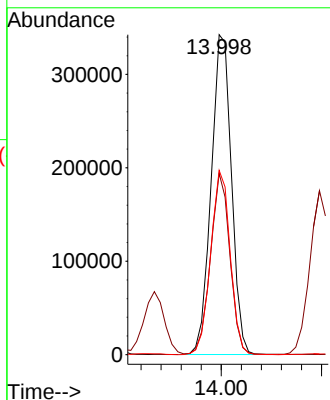
Manual Integrations  
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Reviewed By :Rahul  
Chavli

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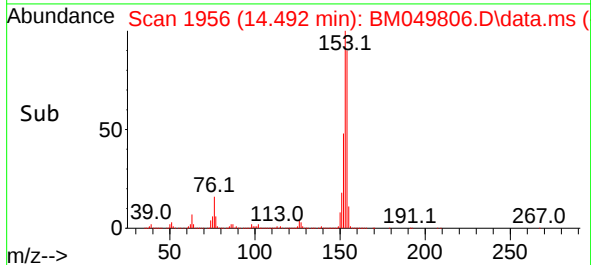
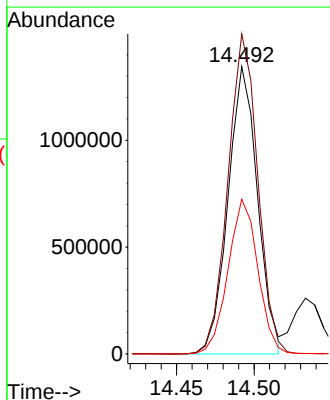
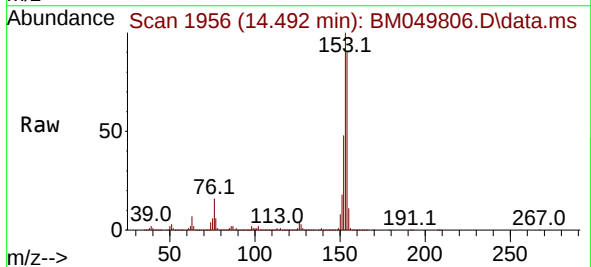
Supervised By :Jagrut  
Upadhyay

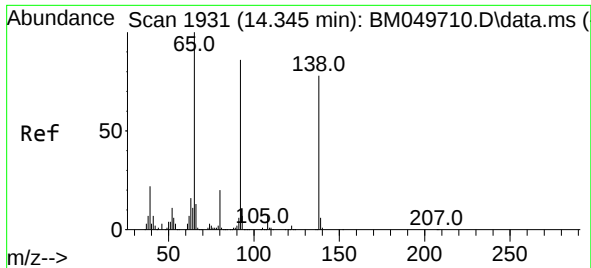
04/04/2025



#52  
Acenaphthene  
Concen: 46.053 ng  
RT: 14.492 min Scan# 1956  
Delta R.T. -0.018 min  
Lab File: BM049806.D  
Acq: 03 Apr 2025 15:16

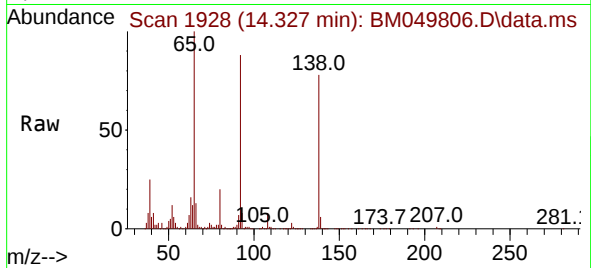
Tgt Ion:154 Resp: 1783072  
Ion Ratio Lower Upper  
154 100  
153 111.4 90.4 135.6  
152 53.9 44.2 66.2





#53  
3-Nitroaniline  
Concen: 21.789 ng  
RT: 14.327 min Scan# 1931  
Delta R.T. -0.018 min  
Lab File: BM049806.D  
Acq: 03 Apr 2025 15:16

Instrument :  
BNA\_M  
ClientSampleId :  
WCS-TP-2MS



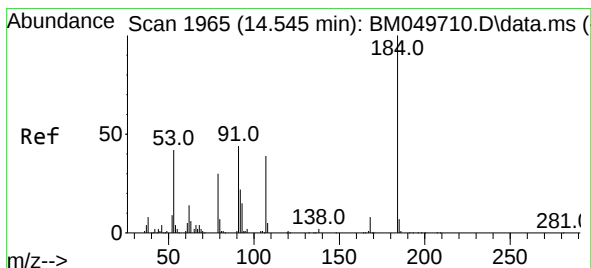
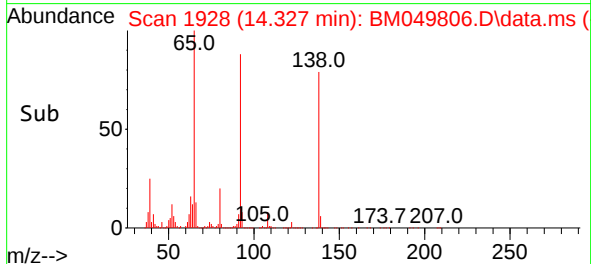
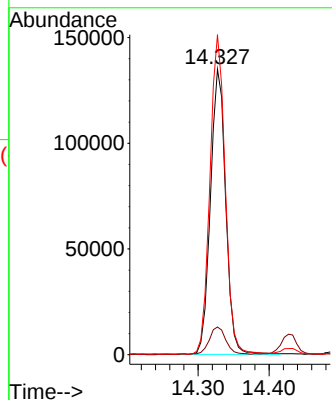
Tgt Ion:138 Resp: 201350  
Ion Ratio Lower Upper  
138 100  
108 9.7 7.5 11.3  
92 112.1 88.0 132.0

Manual Integrations  
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Reviewed By :Rahul  
Chavli

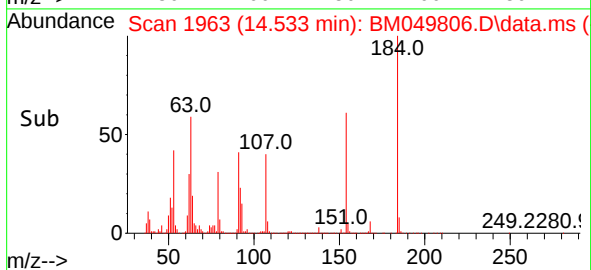
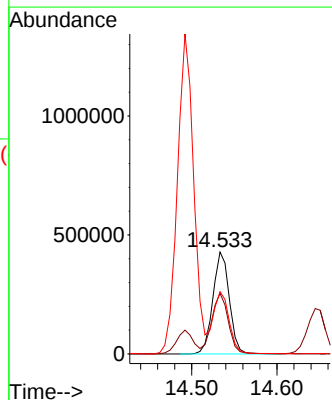
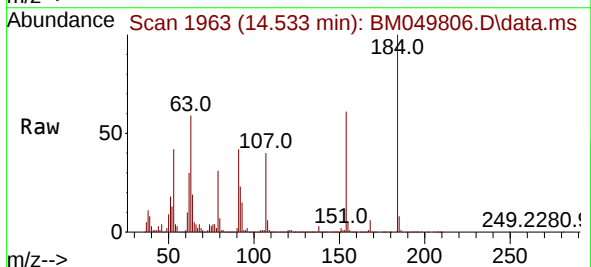
04/04/2025  
Supervised By :Jagrut  
Upadhyay

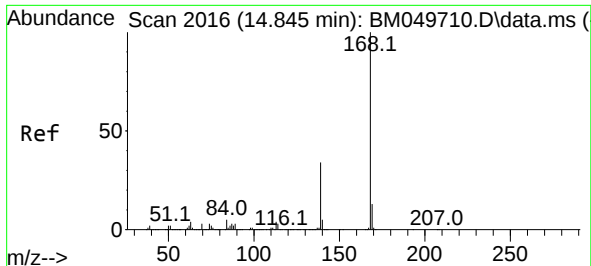
04/04/2025



#54  
2,4-Dinitrophenol  
Concen: 89.009 ng  
RT: 14.533 min Scan# 1963  
Delta R.T. -0.012 min  
Lab File: BM049806.D  
Acq: 03 Apr 2025 15:16

Tgt Ion:184 Resp: 574742  
Ion Ratio Lower Upper  
184 100  
63 59.5 47.2 70.8  
154 61.0 49.9 74.9





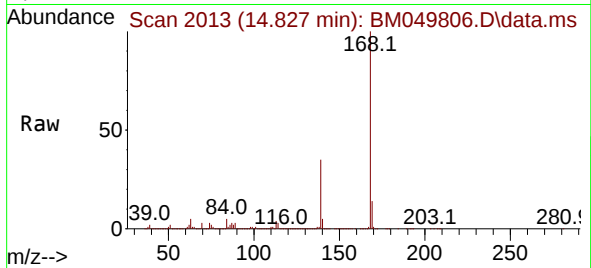
#55  
Dibenzenofuran  
Concen: 44.504 ng  
RT: 14.827 min Scan# 2016  
Delta R.T. -0.018 min  
Lab File: BM049806.D  
Acq: 03 Apr 2025 15:16

Instrument :

BNA\_M

ClientSampleId :

WCS-TP-2MS



Tgt Ion:168 Resp: 2871234  
Ion Ratio Lower Upper  
168 100  
139 34.7 27.4 41.0  
169 13.7 10.7 16.1

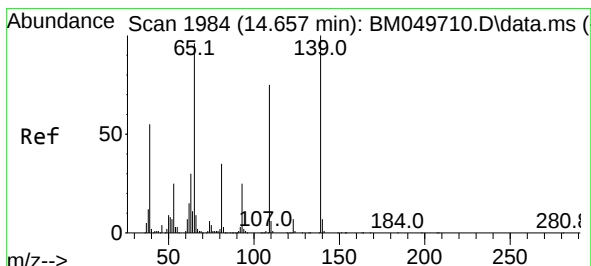
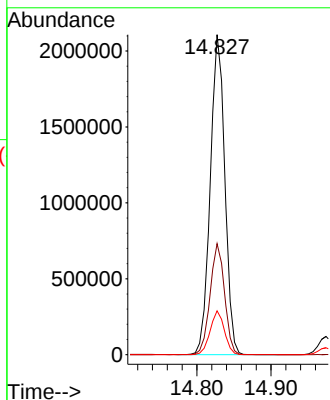
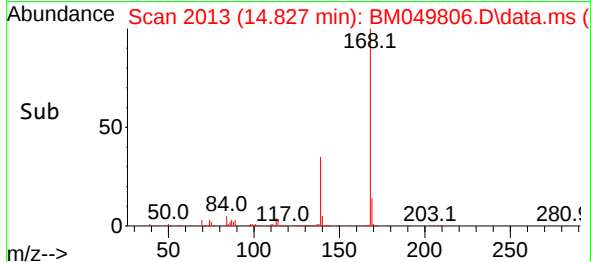
Manual Integrations  
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Reviewed By :Rahul  
Chavli

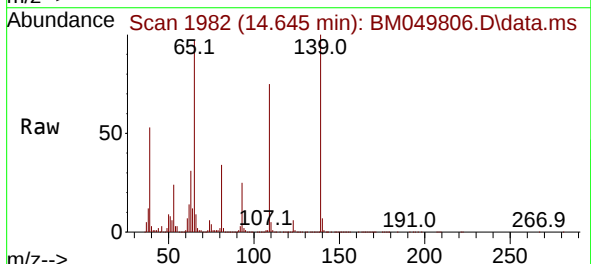
04/04/2025

Supervised By :Jagrut  
Upadhyay

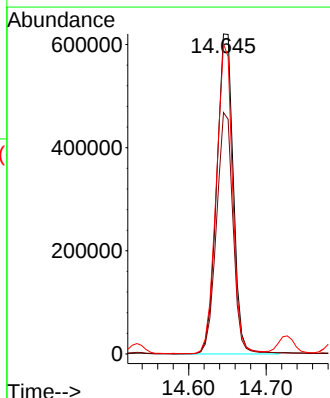
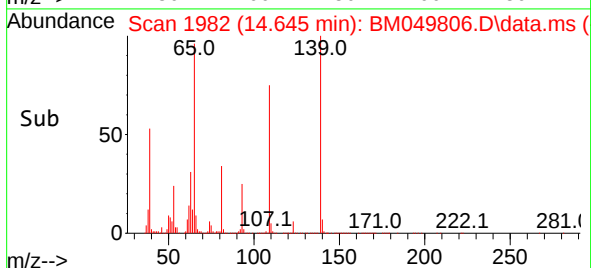
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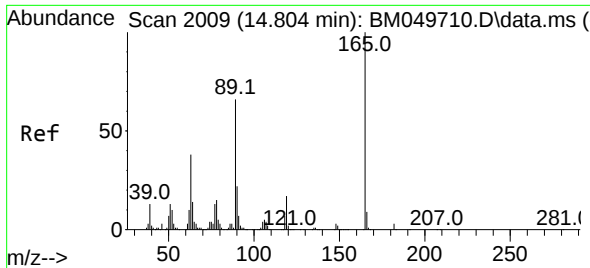


#56  
4-Nitrophenol  
Concen: 115.011 ng  
RT: 14.645 min Scan# 1982  
Delta R.T. -0.012 min  
Lab File: BM049806.D  
Acq: 03 Apr 2025 15:16



Tgt Ion:139 Resp: 925143  
Ion Ratio Lower Upper  
139 100  
109 75.4 54.7 94.7  
65 96.9 76.2 116.2





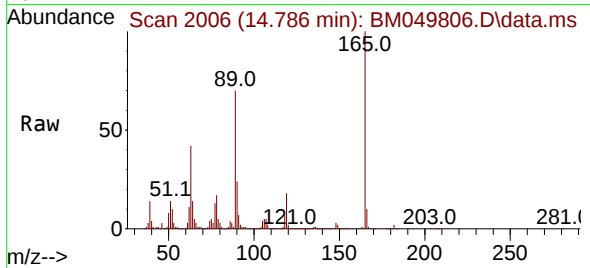
#57  
2,4-Dinitrotoluene  
Concen: 54.876 ng  
RT: 14.786 min Scan# 2006  
Delta R.T. -0.018 min  
Lab File: BM049806.D  
Acq: 03 Apr 2025 15:16

Instrument :

BNA\_M

ClientSampleId :

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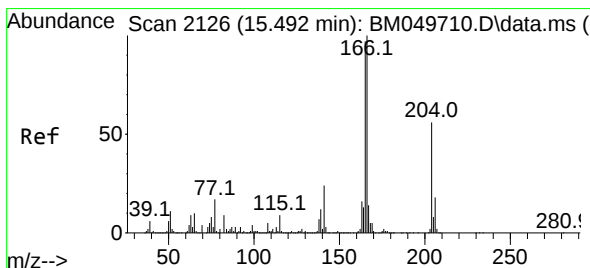
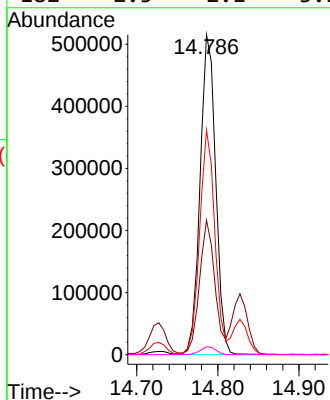
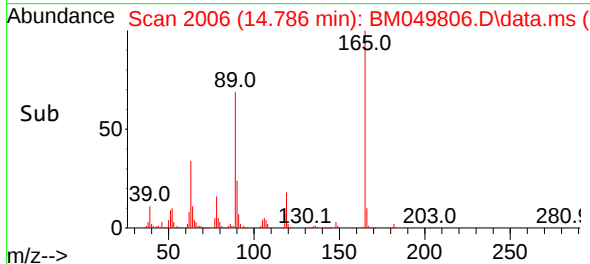
Tgt Ion:165 Resp: 685720  
Ion Ratio Lower Upper  
165 100  
63 42.0 30.8 46.2  
89 70.1 53.1 79.7  
182 2.5 2.1 3.1

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Reviewed By :Rahul  
Chavli

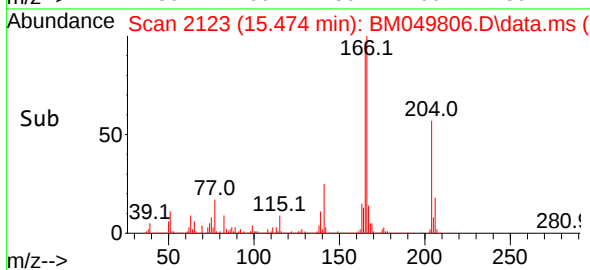
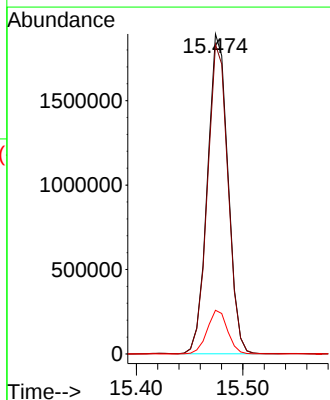
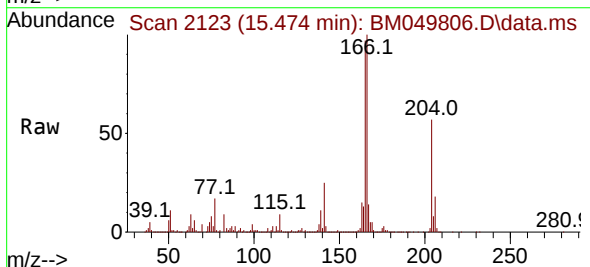
04/04/2025  
Supervised By :Jagrut  
Upadhyay

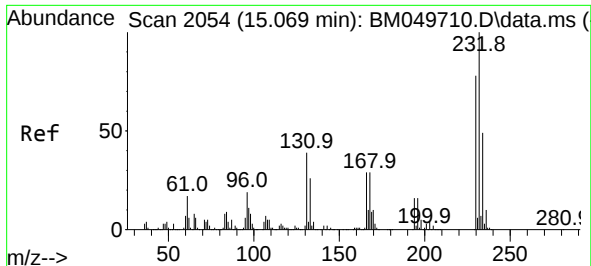
04/04/2025



#58  
Fluorene  
Concen: 48.162 ng  
RT: 15.474 min Scan# 2123  
Delta R.T. -0.018 min  
Lab File: BM049806.D  
Acq: 03 Apr 2025 15:16

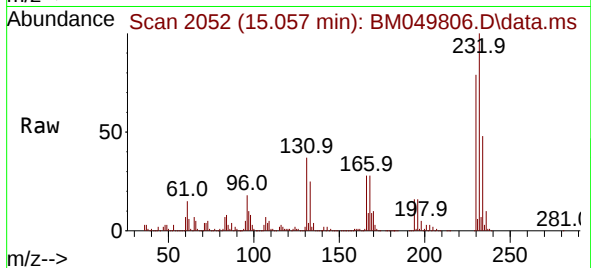
Tgt Ion:166 Resp: 2529842  
Ion Ratio Lower Upper  
166 100  
165 96.8 77.5 116.3  
167 13.7 10.9 16.3





#59  
2,3,4,6-Tetrachlorophenol  
Concen: 50.886 ng  
RT: 15.057 min Scan# 2052  
Delta R.T. -0.012 min  
Lab File: BM049806.D  
Acq: 03 Apr 2025 15:16

Instrument :  
BNA\_M  
ClientSampleId :  
WCS-TP-2MS



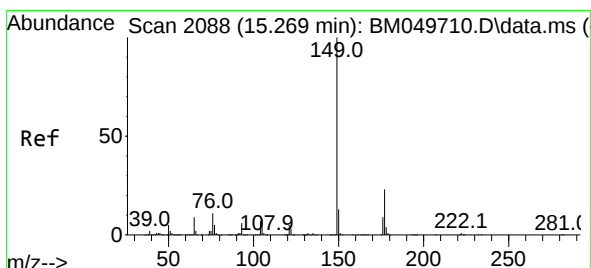
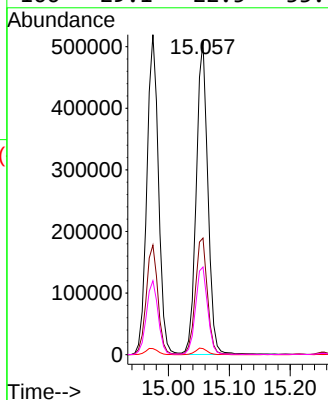
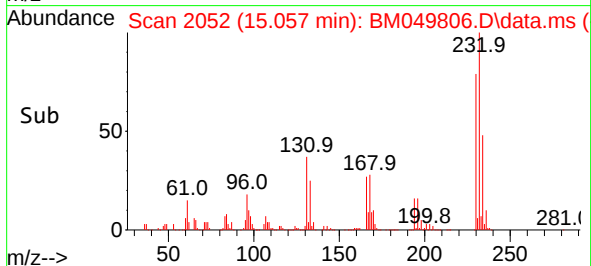
Tgt Ion:232 Resp: 67313  
Ion Ratio Lower Upper  
232 100  
131 38.3 30.0 45.0  
130 2.2 1.6 2.4  
166 29.1 22.5 33.7

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Chavli

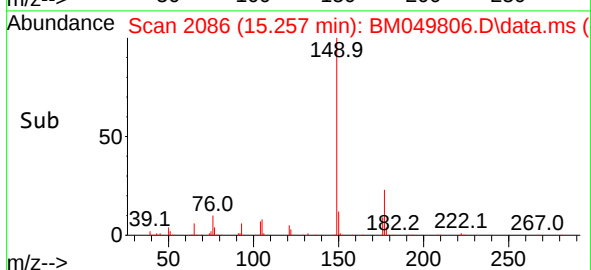
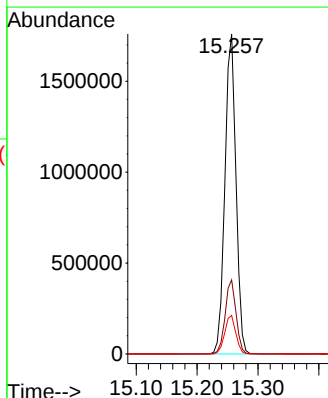
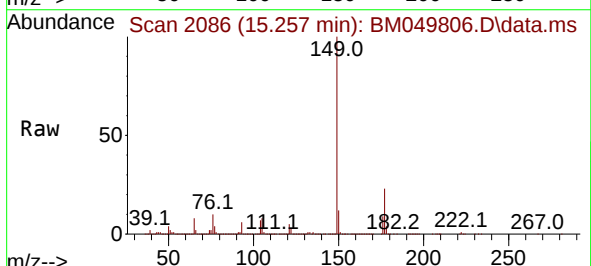
04/04/2025  
Supervised By :Jagrut  
Upadhyay

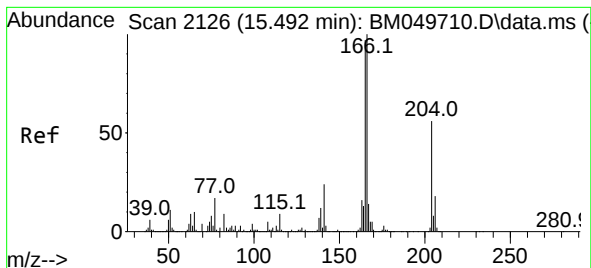
04/04/2025



#60  
Diethylphthalate  
Concen: 48.458 ng  
RT: 15.257 min Scan# 2086  
Delta R.T. -0.012 min  
Lab File: BM049806.D  
Acq: 03 Apr 2025 15:16

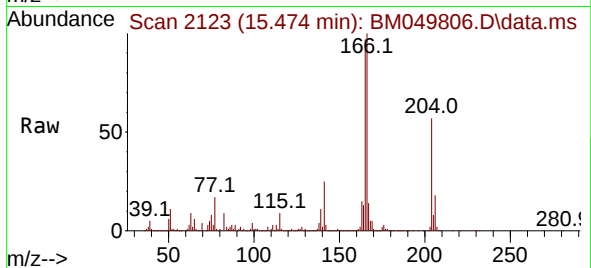
Tgt Ion:149 Resp: 2211904  
Ion Ratio Lower Upper  
149 100  
177 23.2 18.2 27.2  
150 12.1 10.0 15.0





#61  
4-Chlorophenyl-phenylether  
Concen: 47.011 ng  
RT: 15.474 min Scan# 2123  
Delta R.T. -0.018 min  
Lab File: BM049806.D  
Acq: 03 Apr 2025 15:16

Instrument :  
BNA\_M  
ClientSampleId :  
WCS-TP-2MS



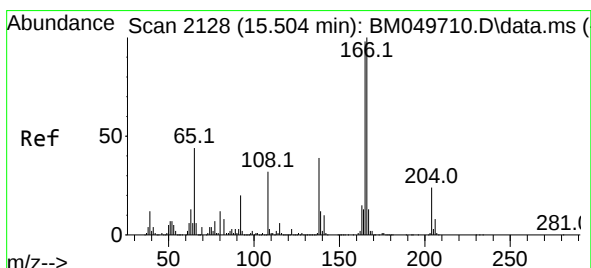
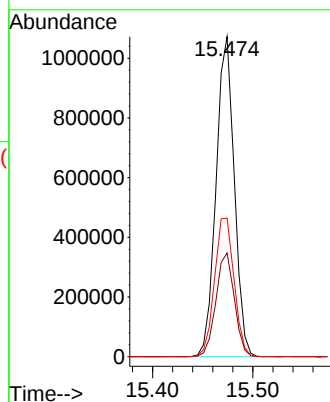
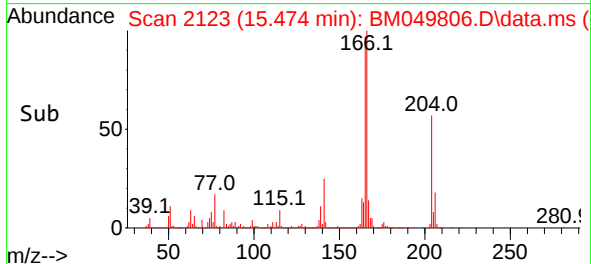
Tgt Ion:204 Resp: 1348428  
Ion Ratio Lower Upper  
204 100  
206 32.4 25.2 37.8  
141 43.4 34.5 51.7

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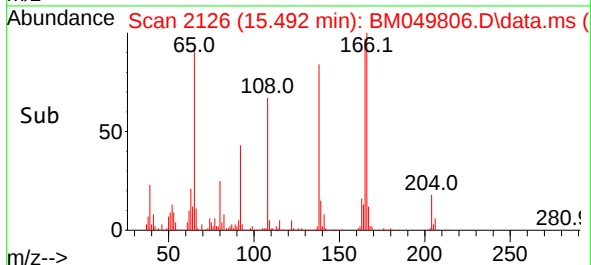
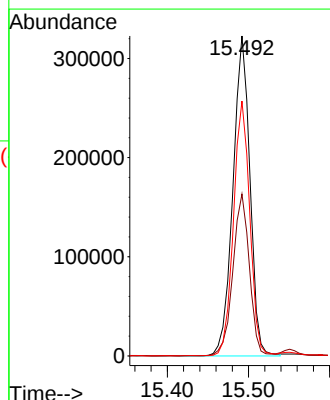
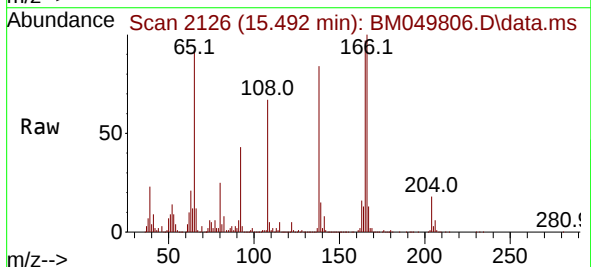
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Supervised By :Jagrut  
Upadhyay

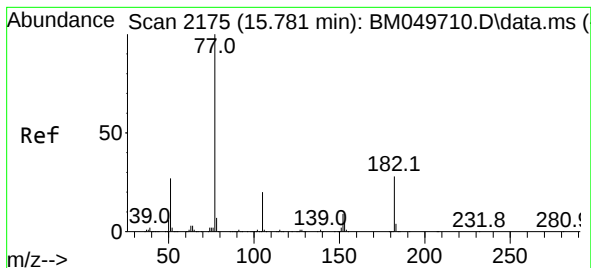
04/04/2025



#62  
4-Nitroaniline  
Concen: 43.027 ng  
RT: 15.492 min Scan# 2126  
Delta R.T. -0.012 min  
Lab File: BM049806.D  
Acq: 03 Apr 2025 15:16

Tgt Ion:138 Resp: 468437  
Ion Ratio Lower Upper  
138 100  
92 50.6 29.8 69.8  
108 79.7 61.3 101.3





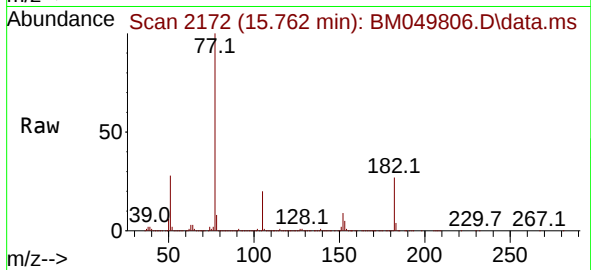
#63  
Azobenzene  
Concen: 51.731 ng  
RT: 15.762 min Scan# 2175  
Delta R.T. -0.018 min  
Lab File: BM049806.D  
Acq: 03 Apr 2025 15:16

Instrument :

BNA\_M

ClientSampleId :

WCS-TP-2MS



Tgt Ion: 77 Resp: 2255472  
Ion Ratio Lower Upper  
77 100  
182 26.6 8.0 48.0  
105 20.0 0.0 40.0  
51 27.5 7.3 47.3

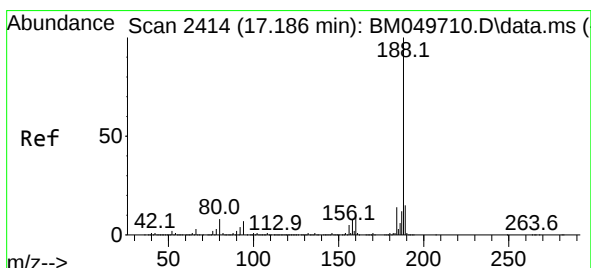
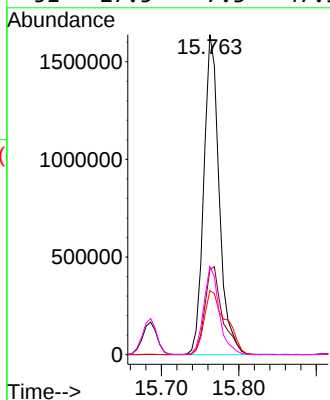
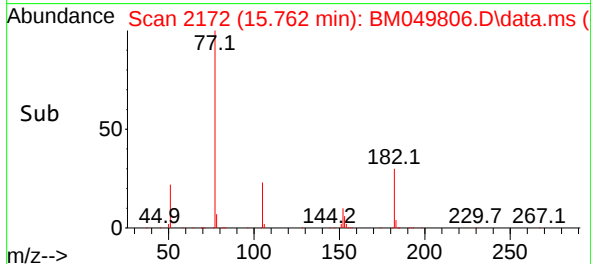
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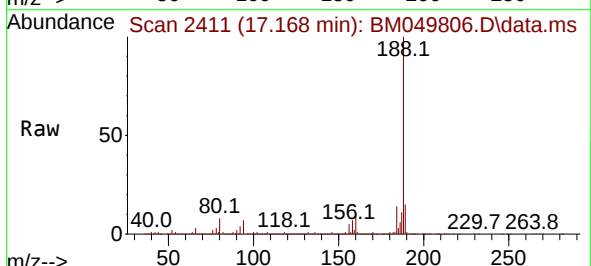
04/04/2025

Supervised By :Jagrut  
Upadhyay

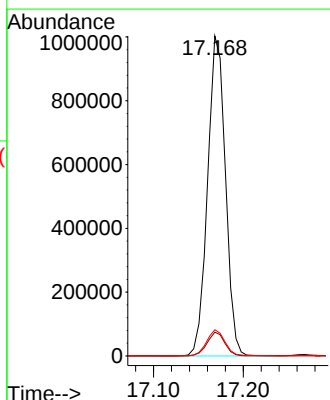
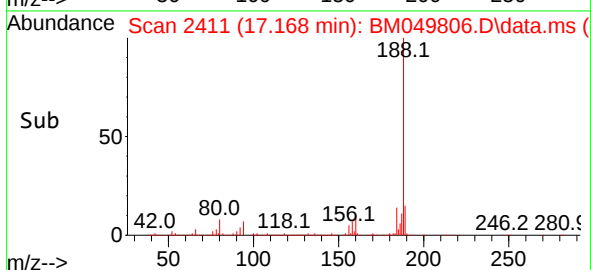
04/04/2025

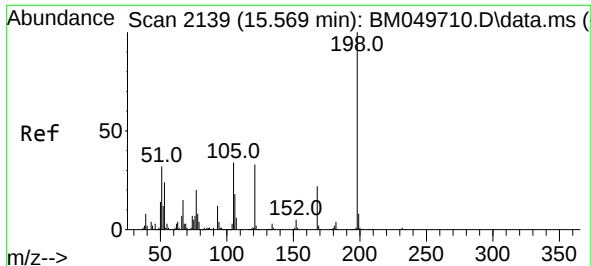


#64  
Phenanthrene-d10  
Concen: 20.000 ng  
RT: 17.168 min Scan# 2411  
Delta R.T. -0.018 min  
Lab File: BM049806.D  
Acq: 03 Apr 2025 15:16



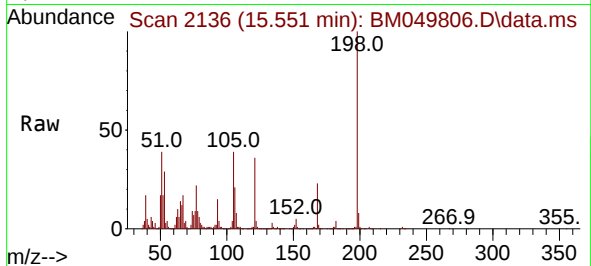
Tgt Ion:188 Resp: 1388273  
Ion Ratio Lower Upper  
188 100  
94 7.5 5.8 8.6  
80 8.2 6.3 9.5





#65  
4,6-Dinitro-2-methylphenol  
Concen: 47.368 ng  
RT: 15.551 min Scan# 2136  
Delta R.T. -0.018 min  
Lab File: BM049806.D  
Acq: 03 Apr 2025 15:16

Instrument :  
BNA\_M  
ClientSampleId :  
WCS-TP-2MS



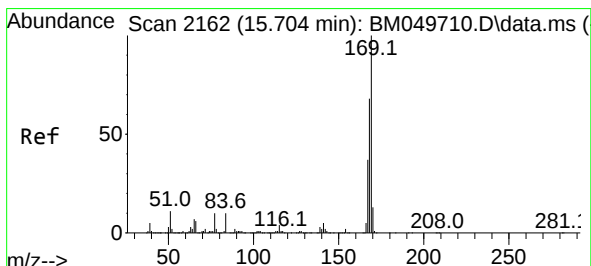
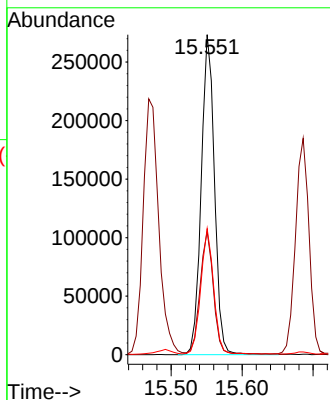
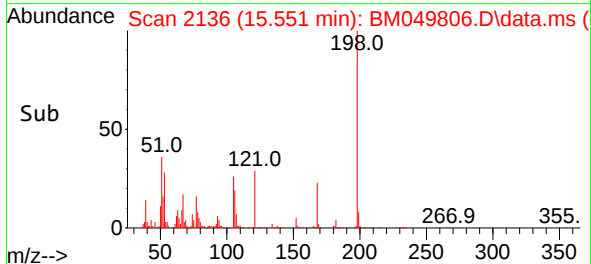
Tgt Ion:198 Resp: 355564  
Ion Ratio Lower Upper  
198 100  
51 38.5 13.8 53.8  
105 39.4 14.0 54.0

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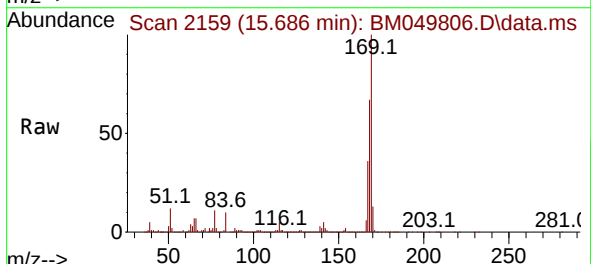
Reviewed By :Rahul  
Chavli

04/04/2025  
Supervised By :Jagrut  
Upadhyay

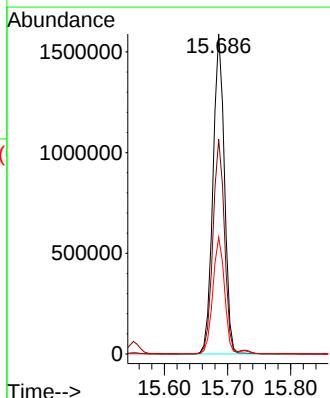
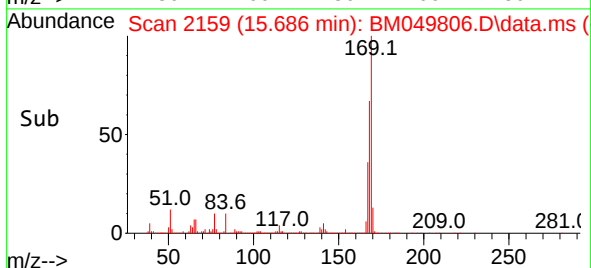
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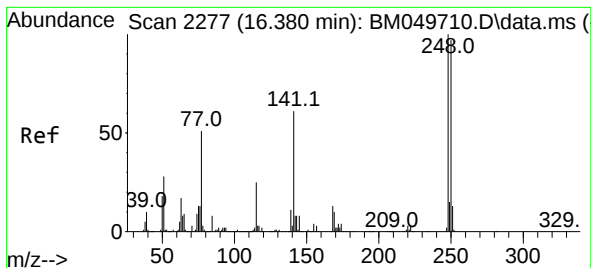


#66  
n-Nitrosodiphenylamine  
Concen: 47.498 ng  
RT: 15.686 min Scan# 2159  
Delta R.T. -0.018 min  
Lab File: BM049806.D  
Acq: 03 Apr 2025 15:16



Tgt Ion:169 Resp: 1997842  
Ion Ratio Lower Upper  
169 100  
168 67.1 54.8 82.2  
167 36.5 29.9 44.9





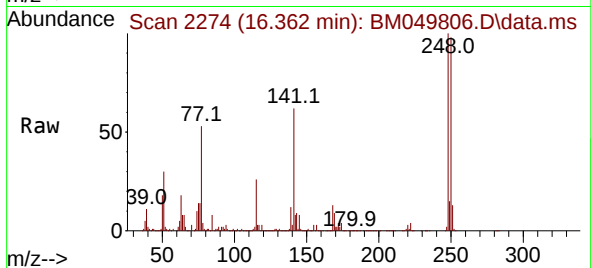
#67  
4-Bromophenyl-phenylether  
Concen: 46.776 ng  
RT: 16.362 min Scan# 211  
Delta R.T. -0.018 min  
Lab File: BM049806.D  
Acq: 03 Apr 2025 15:16

Instrument :

BNA\_M

ClientSampleId :

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Tgt Ion:248 Resp: 74975  
Ion Ratio Lower Upper  
248 100  
250 97.7 77.9 116.9  
141 62.2 48.6 73.0

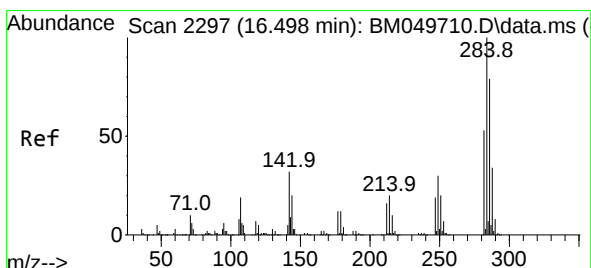
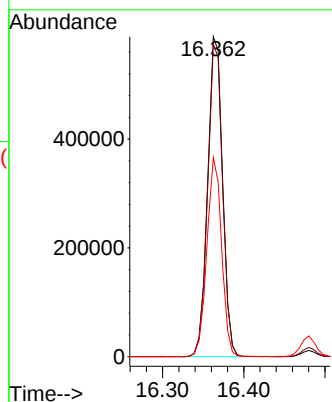
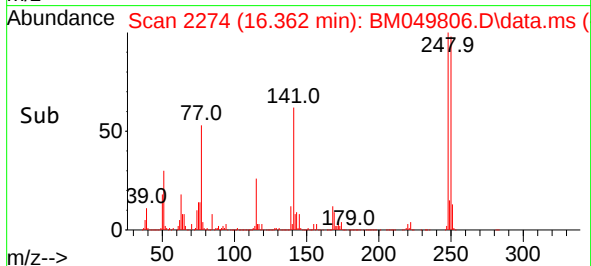
Manual Integrations  
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Chavli

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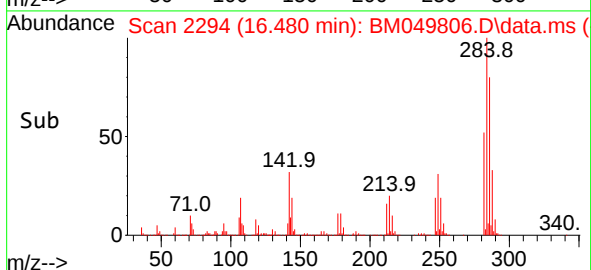
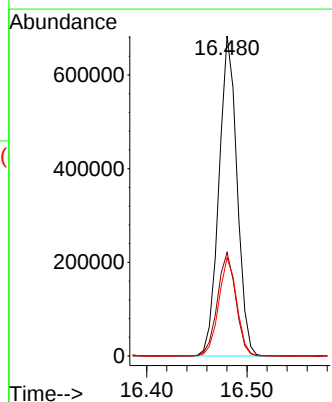
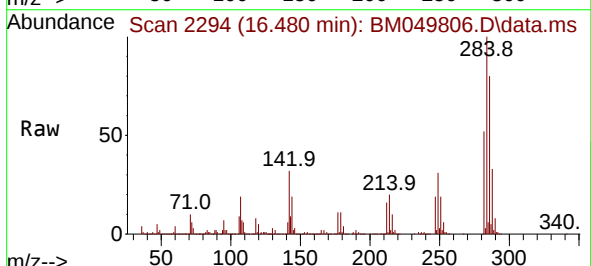
Supervised By :Jagrut  
Upadhyay

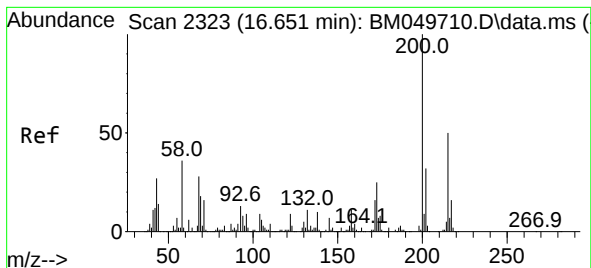
04/04/2025



#68  
Hexachlorobenzene  
Concen: 47.474 ng  
RT: 16.480 min Scan# 2294  
Delta R.T. -0.018 min  
Lab File: BM049806.D  
Acq: 03 Apr 2025 15:16

Tgt Ion:284 Resp: 855698  
Ion Ratio Lower Upper  
284 100  
142 32.4 25.5 38.3  
249 30.6 24.2 36.2





#69

Atrazine

Concen: 77.381 ng

RT: 16.639 min Scan# 21

Delta R.T. -0.012 min

Lab File: BM049806.D

Acq: 03 Apr 2025 15:16

Instrument :

BNA\_M

ClientSampleId :

WCS-TP-2MS

Tgt Ion:200 Resp: 71730  
 Ion Ratio Lower Upper  
 200 100  
 173 24.6 5.4 45.4  
 215 49.1 29.8 69.8

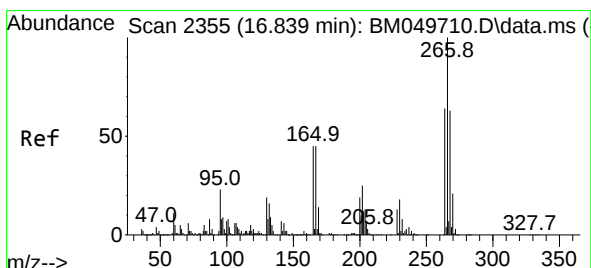
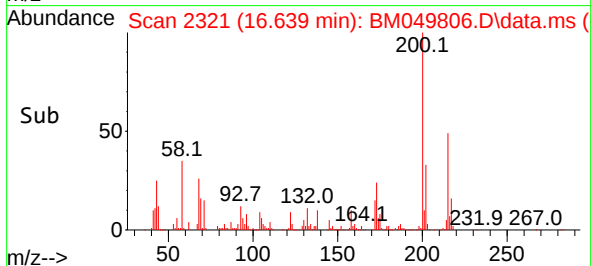
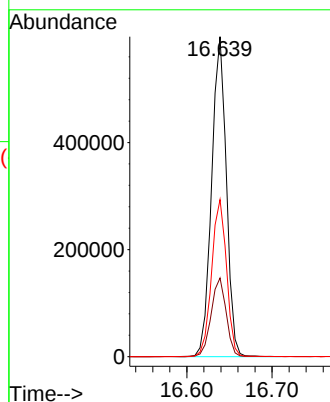
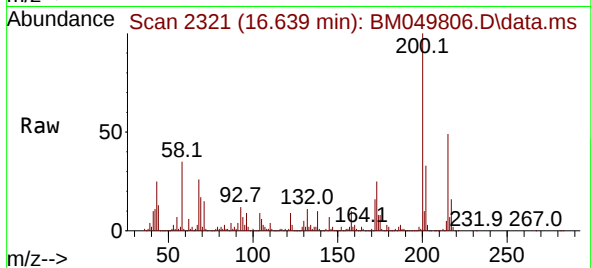
Manual Integrations  
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Reviewed By :Rahul  
 Chavli

04/04/2025

Supervised By :Jagrut  
 Upadhyay

04/04/2025



#70

Pentachlorophenol

Concen: 112.911 ng

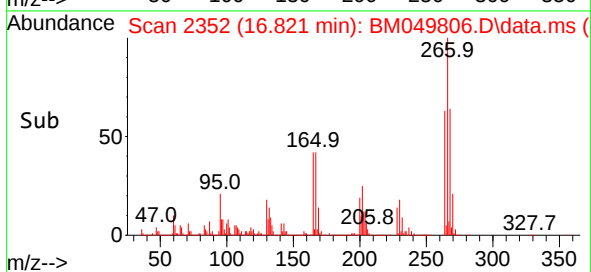
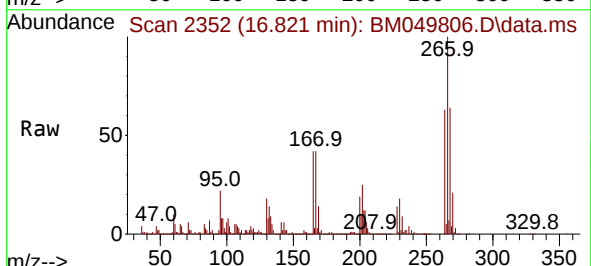
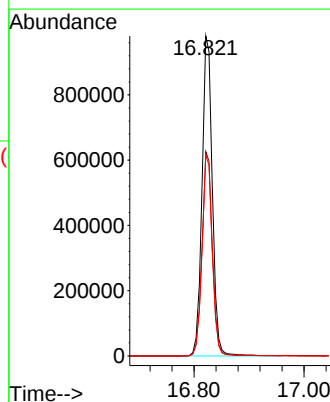
RT: 16.821 min Scan# 2352

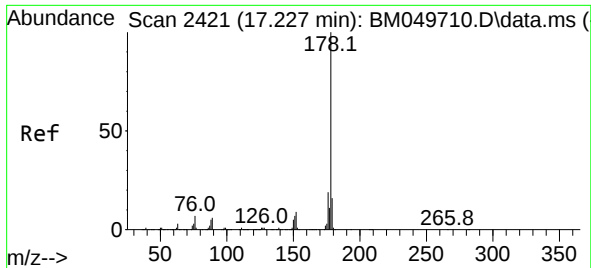
Delta R.T. -0.018 min

Lab File: BM049806.D

Acq: 03 Apr 2025 15:16

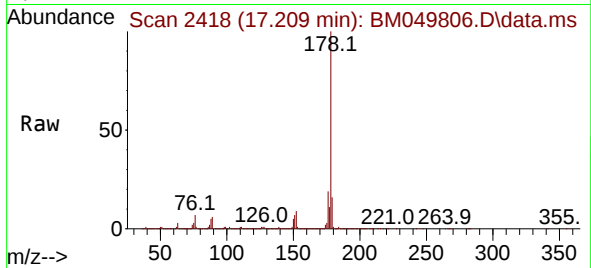
Tgt Ion:266 Resp: 1278943  
 Ion Ratio Lower Upper  
 266 100  
 268 63.8 50.2 75.2  
 264 62.8 51.3 76.9





#71  
Phenanthrene  
Concen: 48.815 ng  
RT: 17.209 min Scan# 2418  
Delta R.T. -0.018 min  
Lab File: BM049806.D  
Acq: 03 Apr 2025 15:16

Instrument :  
BNA\_M  
ClientSampleId :  
WCS-TP-2MS



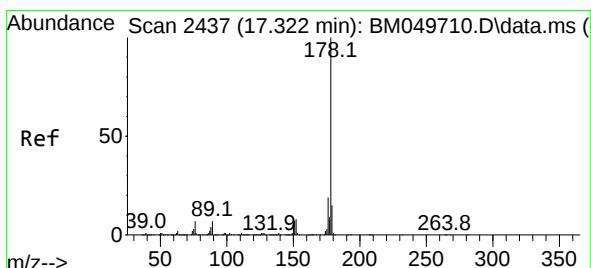
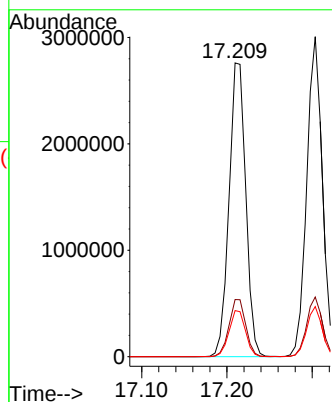
Tgt Ion:178 Resp: 376304  
Ion Ratio Lower Upper  
178 100  
176 19.5 15.5 23.3  
179 15.7 12.5 18.7

Manual Integrations  
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Reviewed By :Rahul  
Chavli

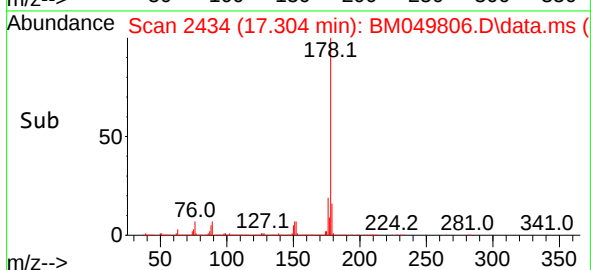
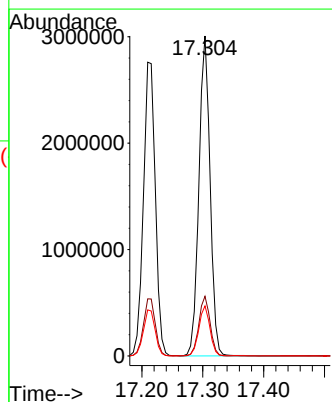
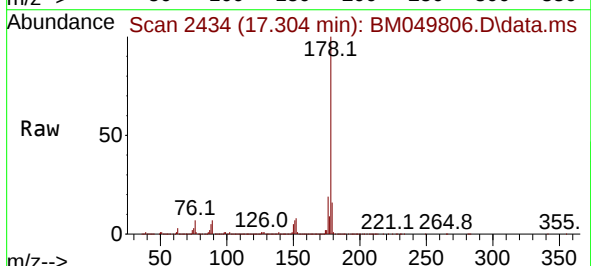
04/04/2025  
Supervised By :Jagrut  
Upadhyay

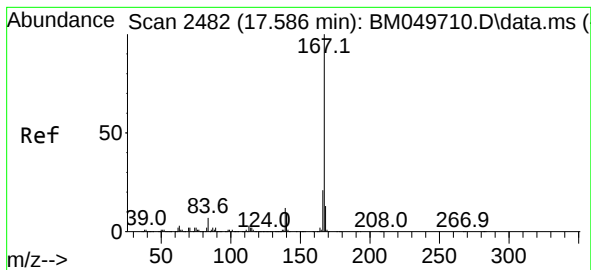
04/04/2025



#72  
Anthracene  
Concen: 51.291 ng  
RT: 17.304 min Scan# 2434  
Delta R.T. -0.018 min  
Lab File: BM049806.D  
Acq: 03 Apr 2025 15:16

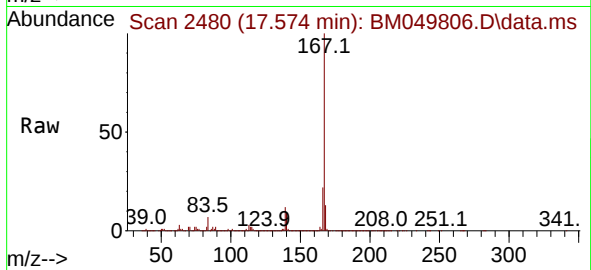
Tgt Ion:178 Resp: 3829131  
Ion Ratio Lower Upper  
178 100  
176 18.7 15.1 22.7  
179 15.7 12.4 18.6





#73  
 Carbazole  
 Concen: 50.200 ng  
 RT: 17.574 min Scan# 24  
 Delta R.T. -0.012 min  
 Lab File: BM049806.D  
 Acq: 03 Apr 2025 15:16

Instrument :  
 BNA\_M  
 ClientSampleId :  
 WCS-TP-2MS



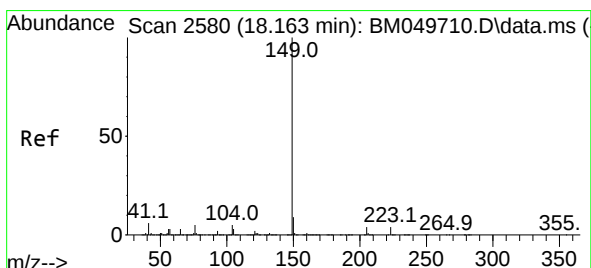
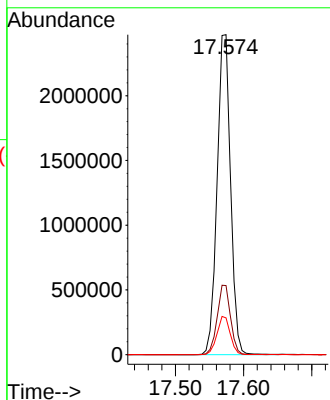
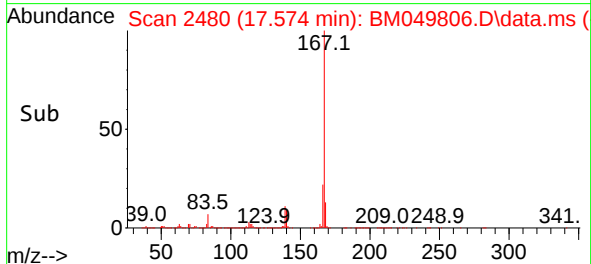
Tgt Ion:167 Resp: 3394074  
 Ion Ratio Lower Upper  
 167 100  
 166 21.6 17.0 25.6  
 139 11.5 9.4 14.2

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Reviewed By :Rahul  
 Chavli

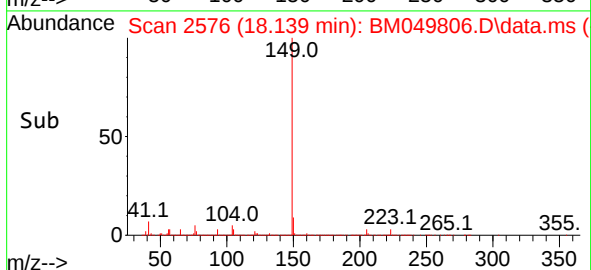
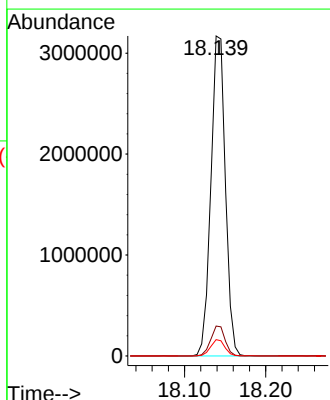
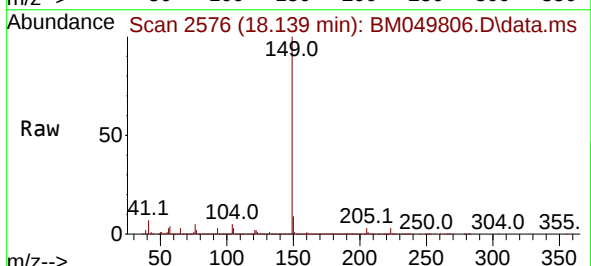
04/04/2025  
 Supervised By :Jagrut  
 Upadhyay

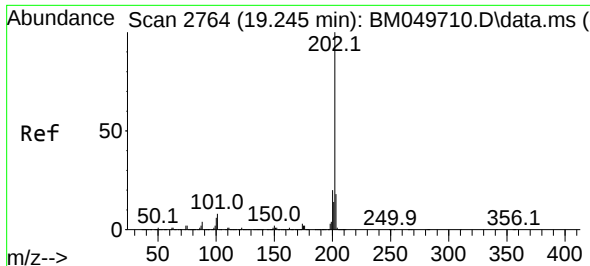
04/04/2025



#74  
 Di-n-butylphthalate  
 Concen: 52.878 ng  
 RT: 18.139 min Scan# 2576  
 Delta R.T. -0.024 min  
 Lab File: BM049806.D  
 Acq: 03 Apr 2025 15:16

Tgt Ion:149 Resp: 3918468  
 Ion Ratio Lower Upper  
 149 100  
 150 9.3 7.2 10.8  
 104 5.1 3.9 5.9





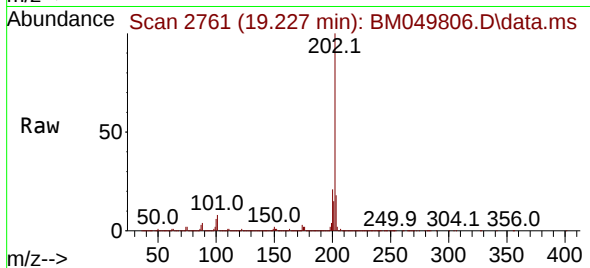
#75  
Fluoranthene  
Concen: 53.356 ng  
RT: 19.227 min Scan# 21  
Delta R.T. -0.018 min  
Lab File: BM049806.D  
Acq: 03 Apr 2025 15:16

Instrument :

BNA\_M

ClientSampleId :

WCS-TP-2MS



Tgt Ion:202 Resp: 473536  
Ion Ratio Lower Upper  
202 100  
101 8.2 0.0 27.8  
203 17.9 0.0 37.6

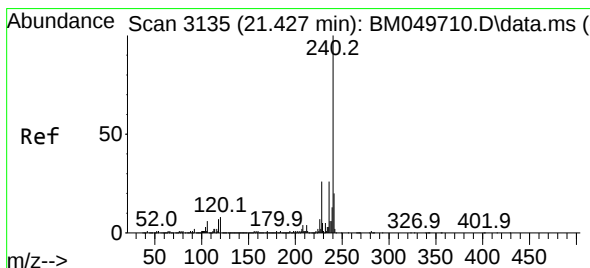
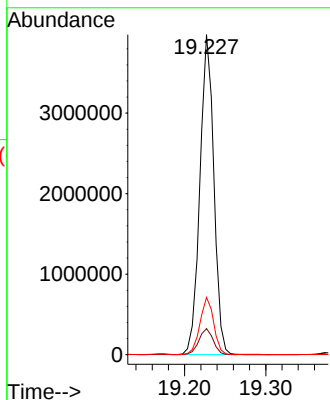
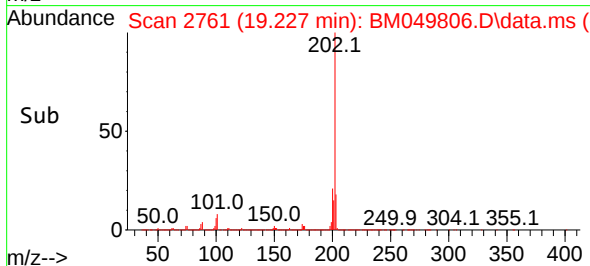
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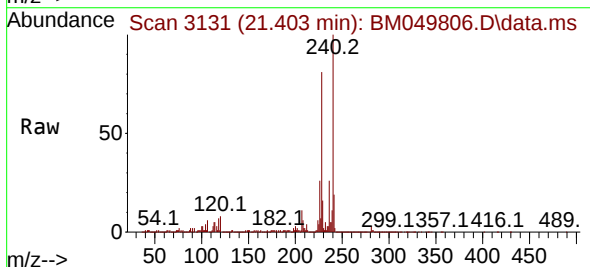
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Supervised By :Jagrut  
Upadhyay

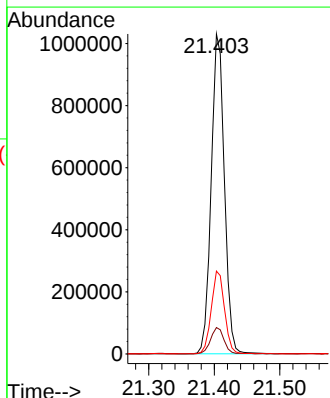
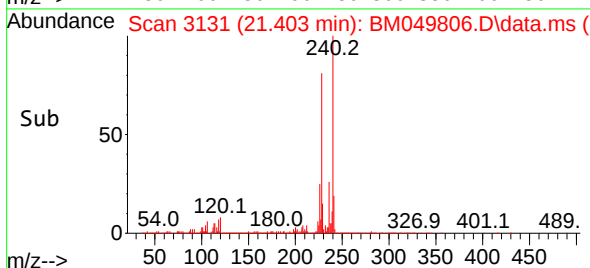
04/04/2025

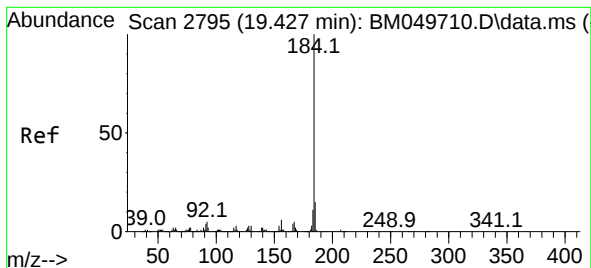


#76  
Chrysene-d12  
Concen: 20.000 ng  
RT: 21.403 min Scan# 3131  
Delta R.T. -0.024 min  
Lab File: BM049806.D  
Acq: 03 Apr 2025 15:16



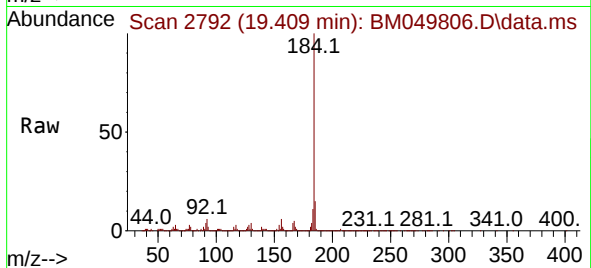
Tgt Ion:240 Resp: 1439160  
Ion Ratio Lower Upper  
240 100  
120 8.2 6.5 9.7  
236 25.9 20.7 31.1





#77  
Benzidine  
Concen: 109.344 ng  
RT: 19.409 min Scan# 21  
Delta R.T. -0.018 min  
Lab File: BM049806.D  
Acq: 03 Apr 2025 15:16

Instrument :  
BNA\_M  
ClientSampleId :  
WCS-TP-2MS



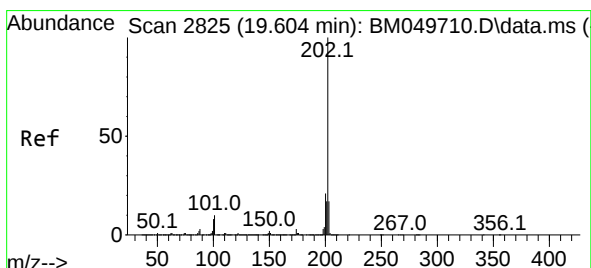
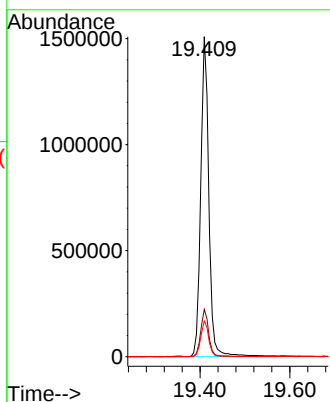
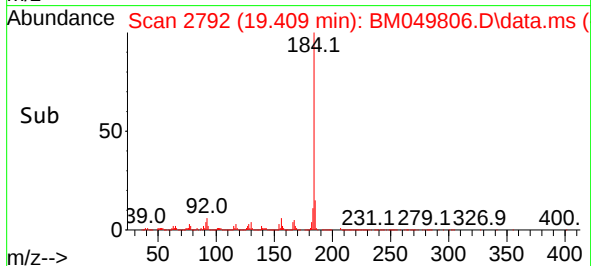
Tgt Ion:184 Resp: 1890559  
Ion Ratio Lower Upper  
184 100  
185 14.8 11.7 17.5  
183 11.1 8.8 13.2

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Chavli

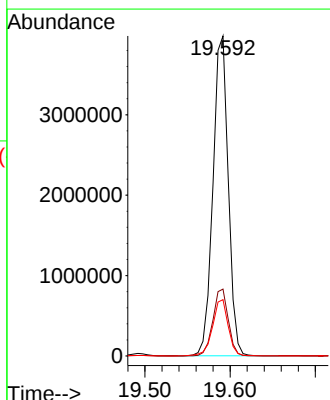
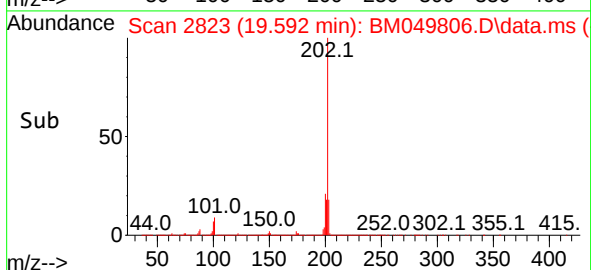
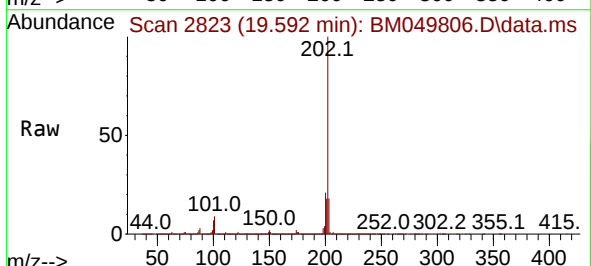
04/04/2025  
Supervised By :Jagrut  
Upadhyay

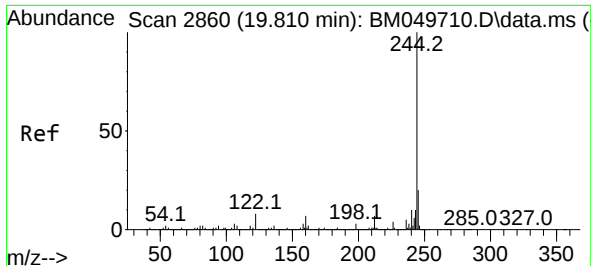
04/04/2025



#78  
Pyrene  
Concen: 49.407 ng  
RT: 19.592 min Scan# 2823  
Delta R.T. -0.012 min  
Lab File: BM049806.D  
Acq: 03 Apr 2025 15:16

Tgt Ion:202 Resp: 4967779  
Ion Ratio Lower Upper  
202 100  
200 20.9 17.0 25.4  
203 17.6 14.0 21.0





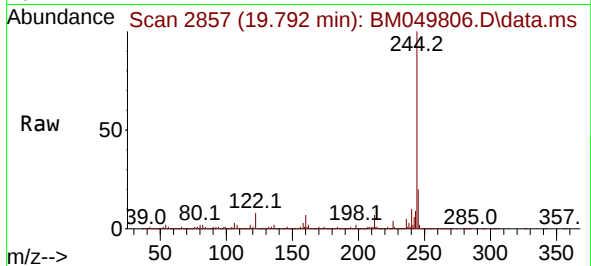
#79  
 Terphenyl-d14  
 Concen: 67.195 ng  
 RT: 19.792 min Scan# 21  
 Delta R.T. -0.018 min  
 Lab File: BM049806.D  
 Acq: 03 Apr 2025 15:16

Instrument :

BNA\_M

ClientSampleId :

WCS-TP-2MS



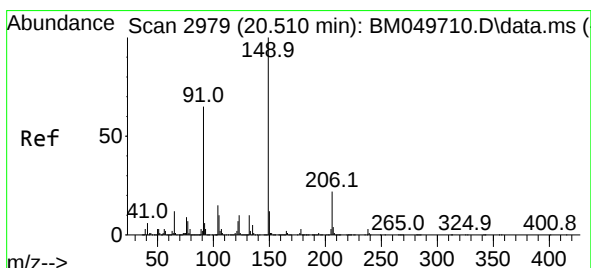
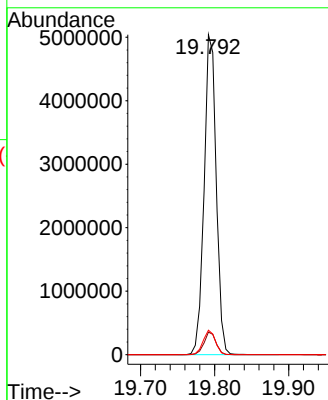
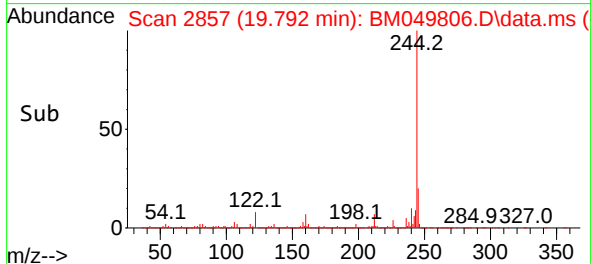
Tgt Ion:244 Resp: 573869  
 Ion Ratio Lower Upper  
 244 100  
 212 7.1 5.8 8.6  
 122 7.7 6.0 9.0

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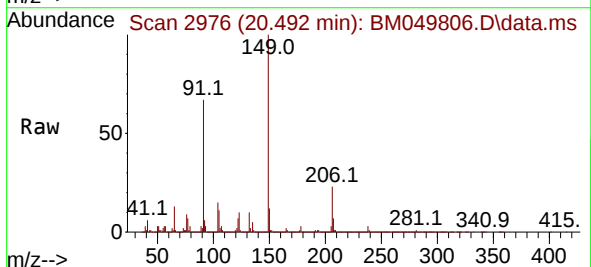
Reviewed By :Rahul  
 Chavli

04/04/2025  
 Supervised By :Jagrut  
 Upadhyay

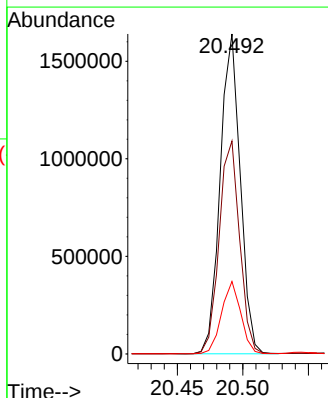
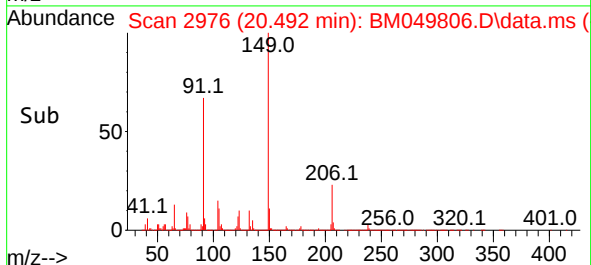
04/04/2025

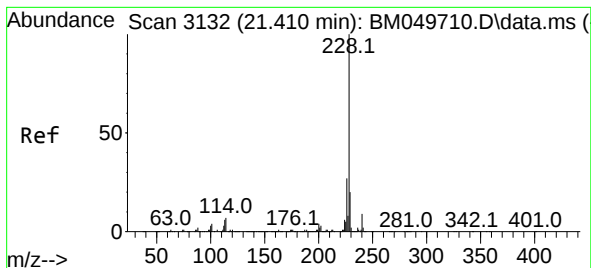


#80  
 Butylbenzylphthalate  
 Concen: 55.818 ng  
 RT: 20.492 min Scan# 2976  
 Delta R.T. -0.018 min  
 Lab File: BM049806.D  
 Acq: 03 Apr 2025 15:16



Tgt Ion:149 Resp: 1741740  
 Ion Ratio Lower Upper  
 149 100  
 91 66.6 52.2 78.4  
 206 22.7 17.6 26.4





#81

Benzo(a)anthracene

Concen: 51.444 ng

RT: 21.386 min Scan# 3115

Delta R.T. -0.024 min

Lab File: BM049806.D

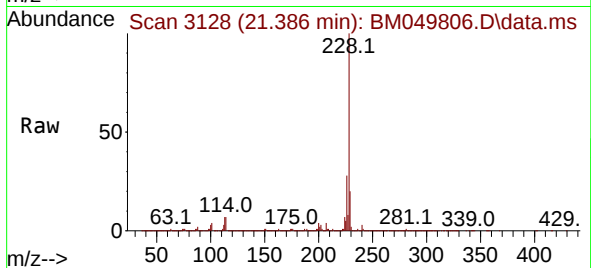
Acq: 03 Apr 2025 15:16

Instrument :

BNA\_M

ClientSampleId :

WCS-TP-2MS



Tgt Ion:228 Resp: 494513

Ion Ratio Lower Upper

228 100

226 28.1 22.0 33.0

229 20.2 15.8 23.8

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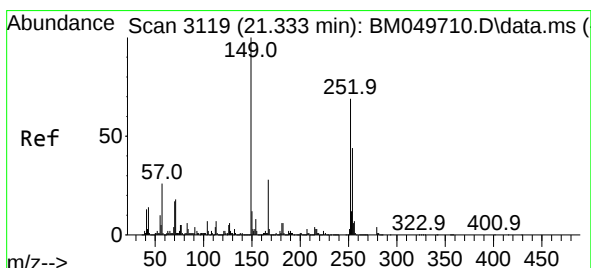
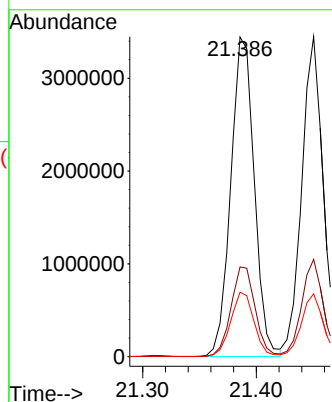
APPROVED

Reviewed By :Rahul  
Chavli

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Supervised By :Jagrut  
Upadhyay

04/04/2025



#82

3,3'-Dichlorobenzidine

Concen: 26.378 ng

RT: 21.309 min Scan# 3115

Delta R.T. -0.024 min

Lab File: BM049806.D

Acq: 03 Apr 2025 15:16

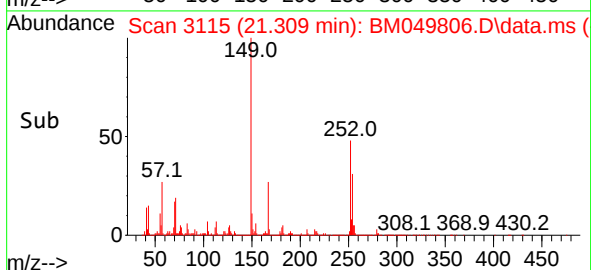
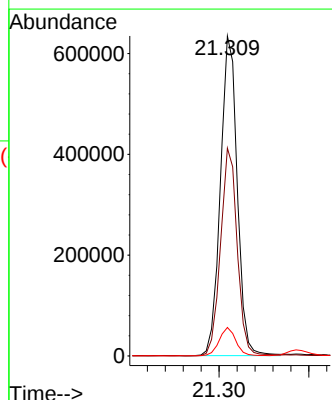
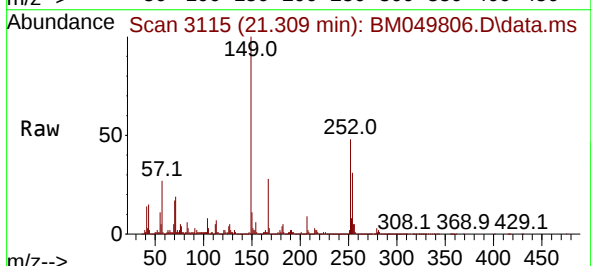
Tgt Ion:252 Resp: 825528

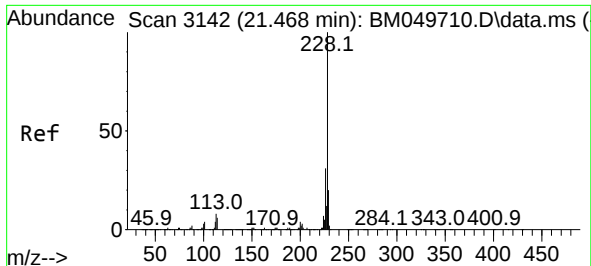
Ion Ratio Lower Upper

252 100

254 65.0 51.0 76.4

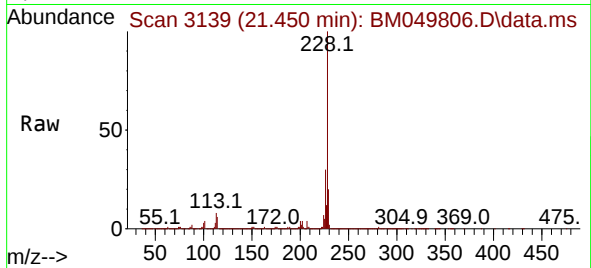
126 8.9 6.3 9.5





#83  
Chrysene  
Concen: 49.308 ng  
RT: 21.450 min Scan# 3116  
Delta R.T. -0.018 min  
Lab File: BM049806.D  
Acq: 03 Apr 2025 15:16

Instrument :  
BNA\_M  
ClientSampleId :  
WCS-TP-2MS



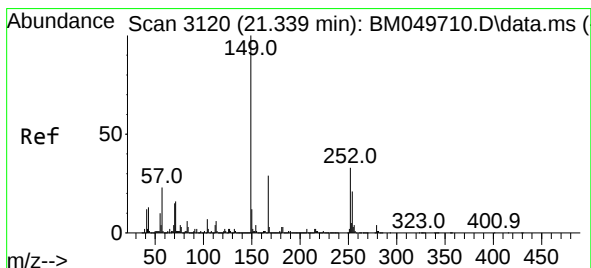
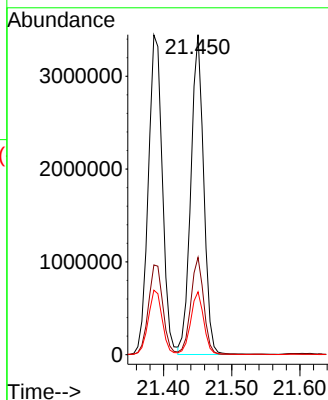
Tgt Ion:228 Resp: 449302  
Ion Ratio Lower Upper  
228 100  
226 30.4 24.5 36.7  
229 19.6 15.8 23.6

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Chavli

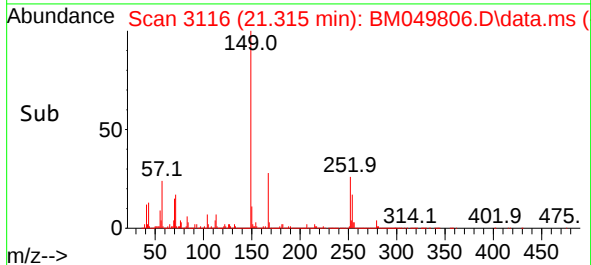
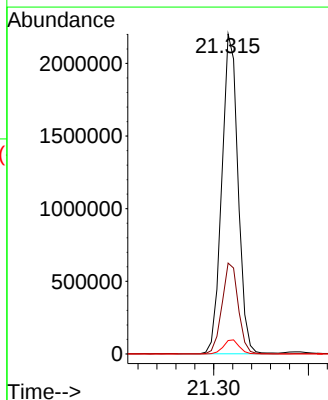
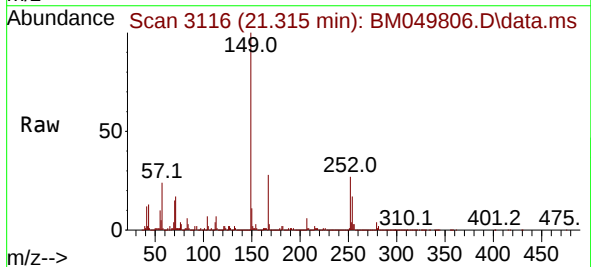
04/04/2025  
Supervised By :Jagrut  
Upadhyay

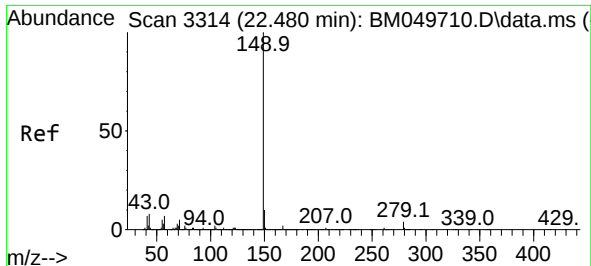
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#84  
Bis(2-ethylhexyl)phthalate  
Concen: 53.916 ng  
RT: 21.315 min Scan# 3116  
Delta R.T. -0.024 min  
Lab File: BM049806.D  
Acq: 03 Apr 2025 15:16

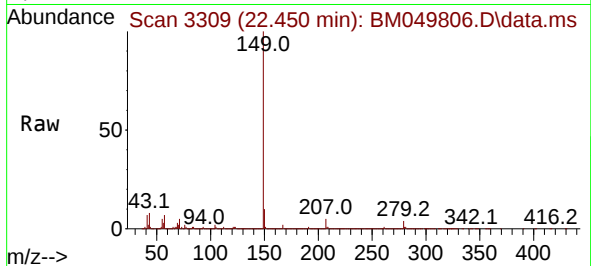
Tgt Ion:149 Resp: 2621955  
Ion Ratio Lower Upper  
149 100  
167 28.4 22.9 34.3  
279 4.2 3.5 5.3





#85  
Di-n-octyl phthalate  
Concen: 55.625 ng  
RT: 22.450 min Scan# 31  
Delta R.T. -0.030 min  
Lab File: BM049806.D  
Acq: 03 Apr 2025 15:16

Instrument :  
BNA\_M  
ClientSampleId :  
WCS-TP-2MS



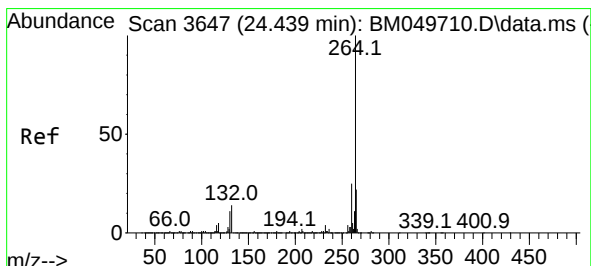
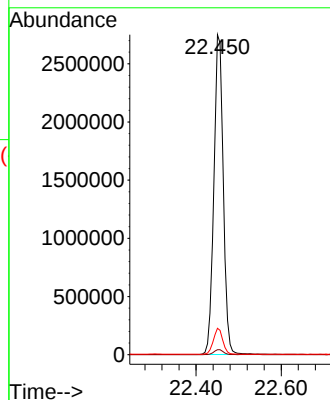
Tgt Ion:149 Resp: 420438  
Ion Ratio Lower Upper  
149 100  
167 1.6 1.3 1.9  
43 8.1 6.8 10.2

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Chavli

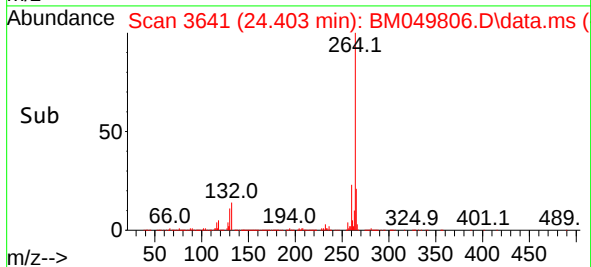
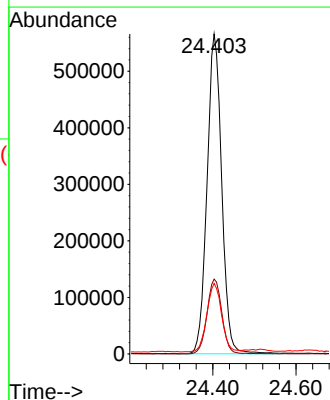
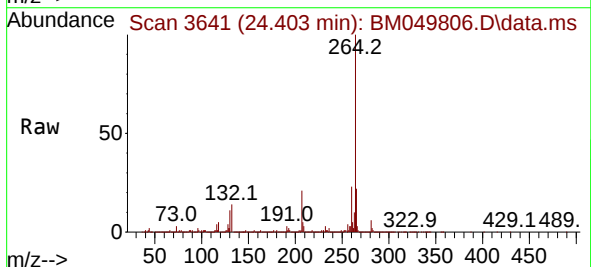
04/04/2025  
Supervised By :Jagrut  
Upadhyay

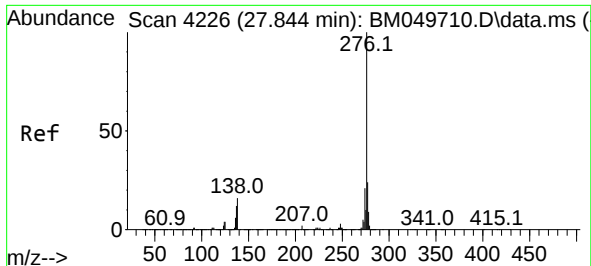
04/04/2025



#86  
Perylene-d12  
Concen: 20.000 ng  
RT: 24.403 min Scan# 3641  
Delta R.T. -0.036 min  
Lab File: BM049806.D  
Acq: 03 Apr 2025 15:16

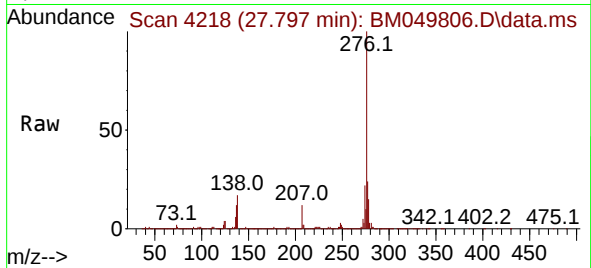
Tgt Ion:264 Resp: 1383722  
Ion Ratio Lower Upper  
264 100  
260 23.4 19.6 29.4  
265 22.0 18.2 27.2





#87  
Indeno(1,2,3-cd)pyrene  
Concen: 53.451 ng  
RT: 27.797 min Scan# 4218  
Delta R.T. -0.047 min  
Lab File: BM049806.D  
Acq: 03 Apr 2025 15:16

Instrument :  
BNA\_M  
ClientSampleId :  
WCS-TP-2MS



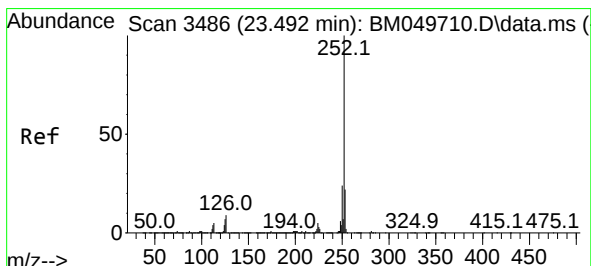
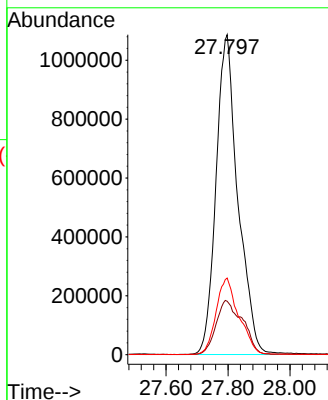
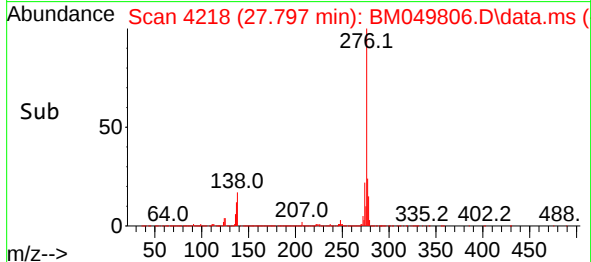
Tgt Ion:276 Resp: 5323418  
Ion Ratio Lower Upper  
276 100  
138 20.5 16.3 24.5  
277 24.9 19.9 29.9

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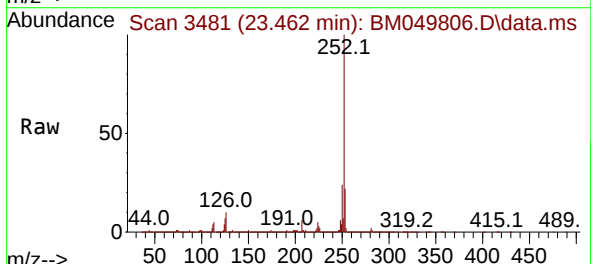
Reviewed By :Rahul  
Chavli

04/04/2025  
Supervised By :Jagrut  
Upadhyay

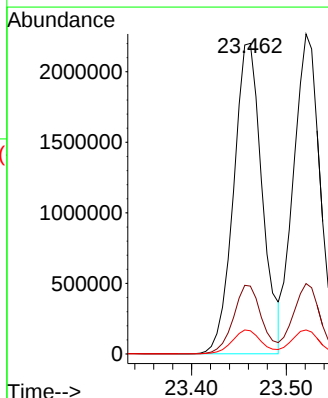
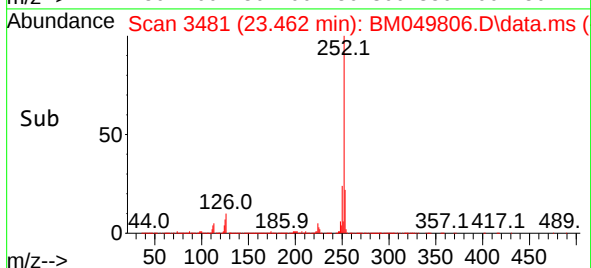
04/04/2025

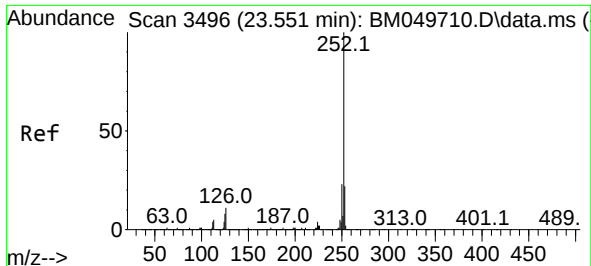


#88  
Benzo(b)fluoranthene  
Concen: 49.518 ng  
RT: 23.462 min Scan# 3481  
Delta R.T. -0.030 min  
Lab File: BM049806.D  
Acq: 03 Apr 2025 15:16



Tgt Ion:252 Resp: 4615003  
Ion Ratio Lower Upper  
252 100  
253 21.8 17.4 26.0  
125 7.5 5.9 8.9





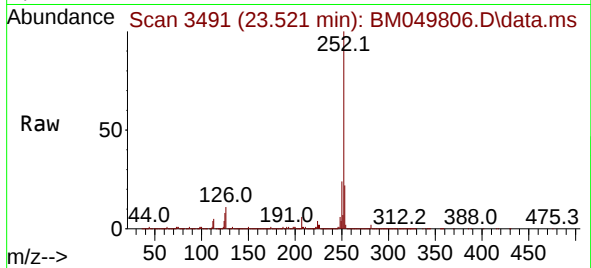
#89  
Benzo(k)fluoranthene  
Concen: 48.320 ng  
RT: 23.521 min Scan# 3491  
Delta R.T. -0.030 min  
Lab File: BM049806.D  
Acq: 03 Apr 2025 15:16

Instrument :

BNA\_M

ClientSampleId :

WCS-TP-2MS



Tgt Ion:252 Resp: 4431204  
Ion Ratio Lower Upper  
252 100  
253 22.0 17.3 25.9  
125 7.5 6.2 9.2

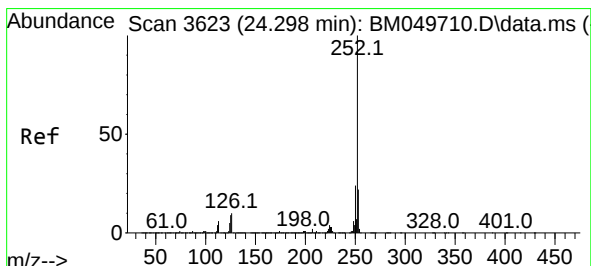
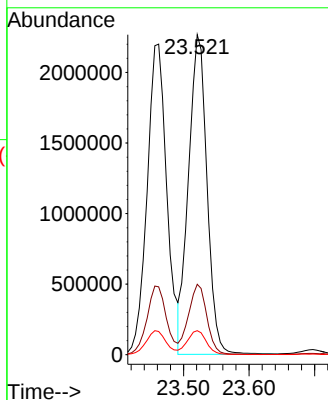
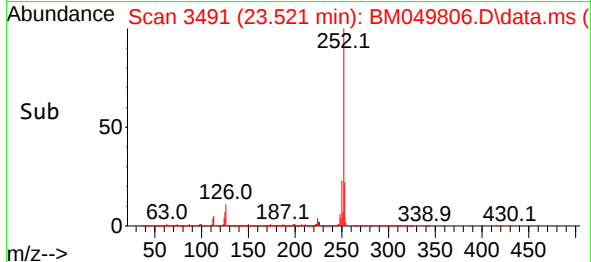
Manual Integrations  
APPROVED

Reviewed By :Rahul  
Chavli

04/04/2025

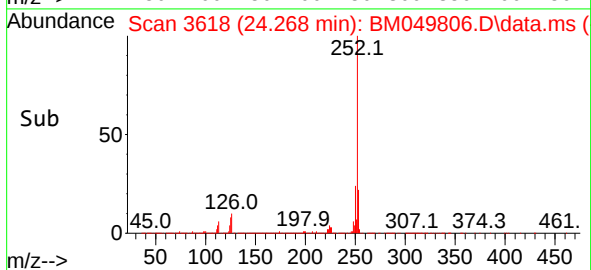
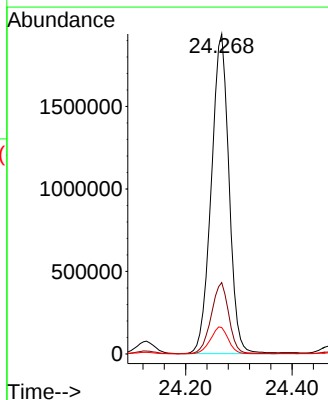
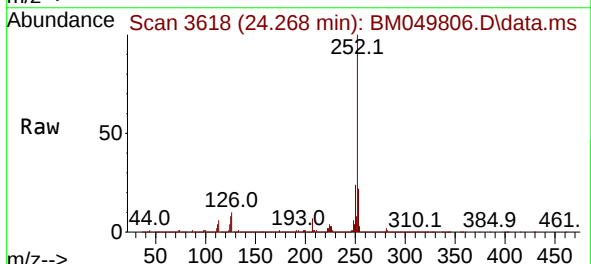
Supervised By :Jagrut  
Upadhyay

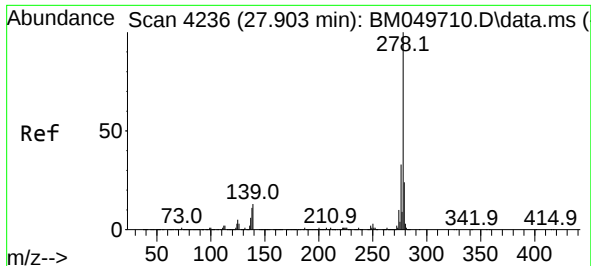
04/04/2025



#90  
Benzo(a)pyrene  
Concen: 56.932 ng  
RT: 24.268 min Scan# 3618  
Delta R.T. -0.030 min  
Lab File: BM049806.D  
Acq: 03 Apr 2025 15:16

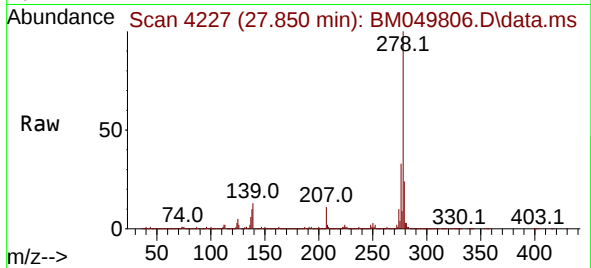
Tgt Ion:252 Resp: 4456839  
Ion Ratio Lower Upper  
252 100  
253 22.3 17.2 25.8  
125 8.3 7.0 10.6





#91  
Dibenzo(a,h)anthracene  
Concen: 51.020 ng  
RT: 27.850 min Scan# 41  
Delta R.T. -0.053 min  
Lab File: BM049806.D  
Acq: 03 Apr 2025 15:16

Instrument :  
BNA\_M  
ClientSampleId :  
WCS-TP-2MS



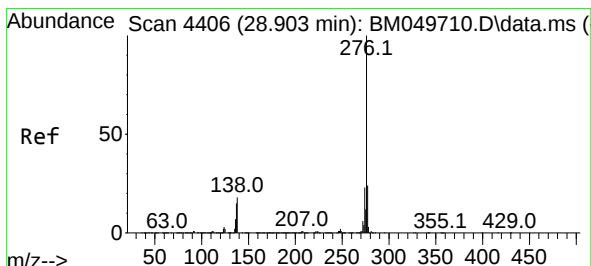
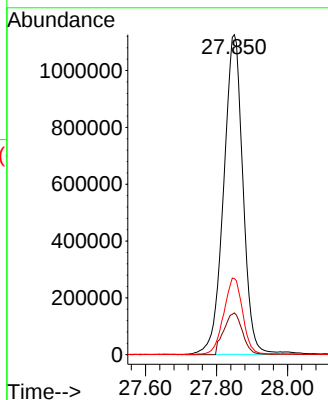
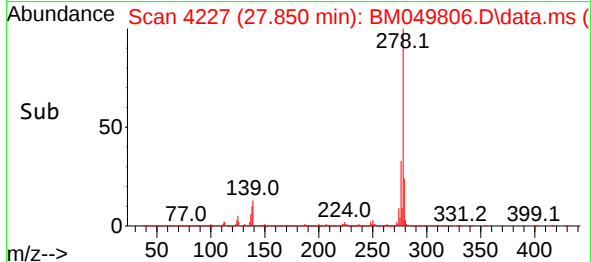
Tgt Ion:278 Resp: 423354  
Ion Ratio Lower Upper  
278 100  
139 13.1 10.1 15.1  
279 23.8 19.1 28.7

Manual Integrations  
APPROVED

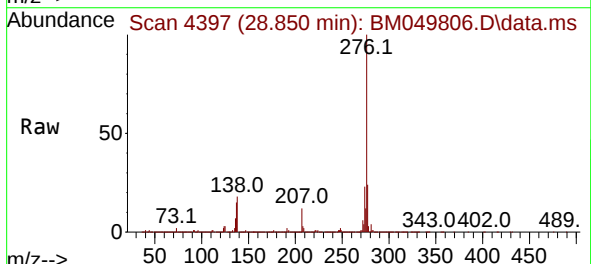
Reviewed By :Rahul  
Chavli

04/04/2025  
Supervised By :Jagrut  
Upadhyay

04/04/2025



#92  
Benzo(g,h,i)perylene  
Concen: 51.176 ng  
RT: 28.850 min Scan# 4397  
Delta R.T. -0.053 min  
Lab File: BM049806.D  
Acq: 03 Apr 2025 15:16



Tgt Ion:276 Resp: 4277385  
Ion Ratio Lower Upper  
276 100  
277 23.6 18.8 28.2  
138 17.7 14.0 21.0

