

Data Path : Z:\svoasrv\HPCHEM1\BNA\_P\Data\BP081425\  
 Data File : BP025415.D  
 Acq On : 15 Aug 2025 05:48  
 Operator : CG/JU  
 Sample : Q2820-17MS  
 Misc :  
 ALS Vial : 25 Sample Multiplier: 1

Instrument :  
 BNA\_P  
 ClientSampleId :  
 88H-EMS

Manual Integrations  
 APPROVED

Reviewed By :Rahul Chavli 08/15/2025  
 Supervised By :Jagrut Upadhyay 08/15/2025

Quant Time: Aug 15 08:05:21 2025  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_P\Methods\8270E-BP081425.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Thu Aug 14 18:14:31 2025  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc   | Units | Dev(Min) |
|-------------------------------|--------|------|----------|--------|-------|----------|
| -----                         |        |      |          |        |       |          |
| Internal Standards            |        |      |          |        |       |          |
| 1) 1,4-Dichlorobenzene-d4     | 7.790  | 152  | 150786   | 20.000 | ng    | 0.00     |
| 21) Naphthalene-d8            | 10.566 | 136  | 605832   | 20.000 | ng    | 0.00     |
| 39) Acenaphthene-d10          | 14.395 | 164  | 386320   | 20.000 | ng    | -0.01    |
| 64) Phenanthrene-d10          | 17.195 | 188  | 780287   | 20.000 | ng    | 0.00     |
| 76) Chrysene-d12              | 21.642 | 240  | 875377   | 20.000 | ng    | 0.00     |
| 86) Perylene-d12              | 25.001 | 264  | 1000604  | 20.000 | ng    | -0.03    |
| System Monitoring Compounds   |        |      |          |        |       |          |
| 5) 2-Fluorophenol             | 5.414  | 112  | 768113   | 84.597 | ng    | 0.00     |
| 7) Phenol-d6                  | 6.972  | 99   | 997741   | 85.710 | ng    | 0.00     |
| 23) Nitrobenzene-d5           | 8.931  | 82   | 621723   | 51.912 | ng    | 0.00     |
| 42) 2,4,6-Tribromophenol      | 15.913 | 330  | 441123   | 84.833 | ng    | 0.00     |
| 45) 2-Fluorobiphenyl          | 13.019 | 172  | 1406520  | 49.758 | ng    | 0.00     |
| 79) Terphenyl-d14             | 19.913 | 244  | 2185634  | 45.681 | ng    | 0.00     |
| Target Compounds              |        |      |          |        |       | Qvalue   |
| 2) 1,4-Dioxane                | 3.337  | 88   | 127096   | 35.736 | ng    | 97       |
| 3) Pyridine                   | 3.725  | 79   | 350548   | 36.011 | ng    | 97       |
| 4) n-Nitrosodimethylamine     | 3.637  | 42   | 171159   | 42.649 | ng    | 97       |
| 6) Aniline                    | 7.125  | 93   | 528462   | 33.694 | ng    | 98       |
| 8) 2-Chlorophenol             | 7.366  | 128  | 452389   | 44.153 | ng    | 98       |
| 9) Benzaldehyde               | 6.943  | 77   | 214385   | 26.286 | ng    | 99       |
| 10) Phenol                    | 6.996  | 94   | 550261   | 45.048 | ng    | 96       |
| 11) bis(2-Chloroethyl)ether   | 7.219  | 93   | 391840   | 41.157 | ng    | 99       |
| 12) 1,3-Dichlorobenzene       | 7.684  | 146  | 466002   | 41.247 | ng    | 99       |
| 13) 1,4-Dichlorobenzene       | 7.825  | 146  | 475529   | 41.179 | ng    | 99       |
| 14) 1,2-Dichlorobenzene       | 8.143  | 146  | 455238   | 40.725 | ng    | 98       |
| 15) Benzyl Alcohol            | 8.025  | 79   | 400142   | 43.261 | ng    | 99       |
| 16) 2,2'-oxybis(1-Chloropr... | 8.313  | 45   | 524406   | 41.117 | ng    | 99       |
| 17) 2-Methylphenol            | 8.225  | 107  | 379896   | 44.780 | ng    | 98       |
| 18) Hexachloroethane          | 8.866  | 117  | 174455   | 41.089 | ng    | 96       |
| 19) n-Nitroso-di-n-propyla... | 8.590  | 70   | 308676   | 40.032 | ng    | 97       |
| 20) 3+4-Methylphenols         | 8.549  | 107  | 523056   | 44.480 | ng    | 98       |
| 22) Acetophenone              | 8.607  | 105  | 638997   | 42.059 | ng    | # 98     |
| 24) Nitrobenzene              | 8.972  | 77   | 463016   | 43.258 | ng    | 99       |
| 25) Isophorone                | 9.502  | 82   | 886621   | 41.831 | ng    | 99       |
| 26) 2-Nitrophenol             | 9.678  | 139  | 238745   | 43.463 | ng    | 98       |
| 27) 2,4-Dimethylphenol        | 9.737  | 122  | 434435   | 45.989 | ng    | 98       |
| 28) bis(2-Chloroethoxy)met... | 9.972  | 93   | 540971   | 42.224 | ng    | 99       |
| 29) 2,4-Dichlorophenol        | 10.207 | 162  | 437774   | 46.651 | ng    | 98       |
| 30) 1,2,4-Trichlorobenzene    | 10.425 | 180  | 433129   | 42.105 | ng    | 98       |
| 31) Naphthalene               | 10.613 | 128  | 1330005  | 42.238 | ng    | 99       |
| 32) Benzoic acid              | 9.884  | 122  | 311312   | 44.638 | ng    | 98       |
| 33) 4-Chloroaniline           | 10.713 | 127  | 321033   | 23.081 | ng    | 99       |
| 34) Hexachlorobutadiene       | 10.901 | 225  | 274233   | 42.806 | ng    | 98       |
| 35) Caprolactam               | 11.496 | 113  | 149929   | 43.572 | ng    | 99       |
| 36) 4-Chloro-3-methylphenol   | 11.843 | 107  | 491428   | 45.638 | ng    | 98       |
| 37) 2-Methylnaphthalene       | 12.219 | 142  | 871694   | 42.539 | ng    | 98       |
| 38) 1-Methylnaphthalene       | 12.437 | 142  | 902892   | 41.432 | ng    | 99       |
| 40) 1,2,4,5-Tetrachloroben... | 12.590 | 216  | 495028   | 44.368 | ng    | 99       |
| 41) Hexachlorocyclopentadiene | 12.572 | 237  | 587000   | 87.099 | ng    | 99       |
| 43) 2,4,6-Trichlorophenol     | 12.825 | 196  | 352250   | 46.764 | ng    | 98       |

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Instrument :  
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Manual Integrations  
 APPROVED

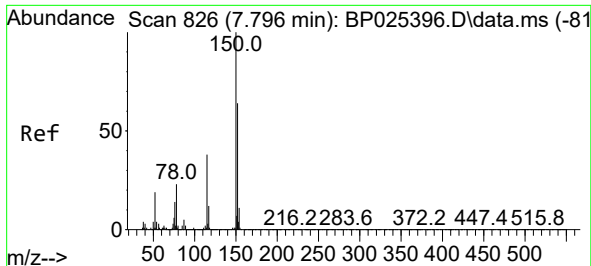
Reviewed By :Rahul Chavli 08/15/2025  
 Supervised By :Jagrut Upadhyay 08/15/2025

Quant Time: Aug 15 08:05:21 2025  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_P\Methods\8270E-BP081425.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Thu Aug 14 18:14:31 2025  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc   | Units | Dev(Min) |
|-------------------------------|--------|------|----------|--------|-------|----------|
| 44) 2,4,5-Trichlorophenol     | 12.896 | 196  | 390615   | 47.317 | ng    | 99       |
| 46) 1,1'-Biphenyl             | 13.225 | 154  | 1250868  | 44.583 | ng    | 100      |
| 47) 2-Chloronaphthalene       | 13.272 | 162  | 963302   | 44.103 | ng    | 99       |
| 48) 2-Nitroaniline            | 13.466 | 65   | 297760   | 46.787 | ng    | 99       |
| 49) Acenaphthylene            | 14.119 | 152  | 1611999  | 44.601 | ng    | 99       |
| 50) Dimethylphthalate         | 13.860 | 163  | 1254219  | 44.335 | ng    | 100      |
| 51) 2,6-Dinitrotoluene        | 13.966 | 165  | 269670   | 45.226 | ng    | 91       |
| 52) Acenaphthene              | 14.466 | 154  | 949405   | 44.752 | ng    | 99       |
| 53) 3-Nitroaniline            | 14.295 | 138  | 199924   | 29.801 | ng    | 93       |
| 54) 2,4-Dinitrophenol         | 14.507 | 184  | 307887   | 96.691 | ng    | 98       |
| 55) Dibenzofuran              | 14.801 | 168  | 1489789  | 44.417 | ng    | 99       |
| 56) 4-Nitrophenol             | 14.619 | 139  | 513780   | 93.200 | ng    | 95       |
| 57) 2,4-Dinitrotoluene        | 14.760 | 165  | 399936   | 47.011 | ng    | 100      |
| 58) Fluorene                  | 15.460 | 166  | 1142677  | 43.175 | ng    | 99       |
| 59) 2,3,4,6-Tetrachlorophenol | 15.031 | 232  | 334331   | 45.866 | ng    | 99       |
| 60) Diethylphthalate          | 15.242 | 149  | 1293019  | 44.982 | ng    | 100      |
| 61) 4-Chlorophenyl-phenyle... | 15.460 | 204  | 558984   | 42.468 | ng    | 97       |
| 62) 4-Nitroaniline            | 15.472 | 138  | 295780   | 43.007 | ng    | 96       |
| 63) Azobenzene                | 15.754 | 77   | 1184564  | 48.126 | ng    | 98       |
| 65) 4,6-Dinitro-2-methylph... | 15.537 | 198  | 221973   | 45.637 | ng    | 99       |
| 66) n-Nitrosodiphenylamine    | 15.678 | 169  | 1035094  | 43.502 | ng    | 100      |
| 67) 4-Bromophenyl-phenylether | 16.378 | 248  | 374274   | 43.613 | ng    | 98       |
| 68) Hexachlorobenzene         | 16.489 | 284  | 432625   | 43.489 | ng    | 98       |
| 69) Atrazine                  | 16.654 | 200  | 398840   | 44.758 | ng    | 98       |
| 70) Pentachlorophenol         | 16.842 | 266  | 593177   | 94.460 | ng    | 98       |
| 71) Phenanthrene              | 17.242 | 178  | 1900981  | 44.349 | ng    | 100      |
| 72) Anthracene                | 17.342 | 178  | 1901911  | 43.450 | ng    | 99       |
| 73) Carbazole                 | 17.613 | 167  | 1848365  | 44.831 | ng    | 99       |
| 74) Di-n-butylphthalate       | 18.213 | 149  | 2264177  | 44.635 | ng    | 100      |
| 75) Fluoranthene              | 19.325 | 202  | 2274430  | 44.484 | ng    | 98       |
| 77) Benzidine                 | 19.519 | 184  | 1279852  | 42.841 | ng    | 99       |
| 78) Pyrene                    | 19.701 | 202  | 2376529  | 41.769 | ng    | 99       |
| 80) Butylbenzylphthalate      | 20.654 | 149  | 1141667  | 44.274 | ng    | 98       |
| 81) Benzo(a)anthracene        | 21.619 | 228  | 2561195  | 44.364 | ng    | 100      |
| 82) 3,3'-Dichlorobenzidine    | 21.536 | 252  | 558511   | 25.666 | ng    | 99       |
| 83) Chrysene                  | 21.689 | 228  | 2409067  | 44.558 | ng    | 100      |
| 84) Bis(2-ethylhexyl)phtha... | 21.566 | 149  | 1670118  | 43.998 | ng    | 100      |
| 85) Di-n-octyl phthalate      | 22.854 | 149  | 2946897  | 45.135 | ng    | 100      |
| 87) Indeno(1,2,3-cd)pyrene    | 28.824 | 276  | 3281639m | 44.721 | ng    |          |
| 88) Benzo(b)fluoranthene      | 23.930 | 252  | 2653334  | 44.970 | ng    | 99       |
| 89) Benzo(k)fluoranthene      | 24.001 | 252  | 2664055  | 45.121 | ng    | 99       |
| 90) Benzo(a)pyrene            | 24.830 | 252  | 2562652  | 44.619 | ng    | 99       |
| 91) Dibenzo(a,h)anthracene    | 28.924 | 278  | 2675040  | 44.609 | ng    | 98       |
| 92) Benzo(g,h,i)perylene      | 30.030 | 276  | 2637753  | 44.748 | ng    | 98       |

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





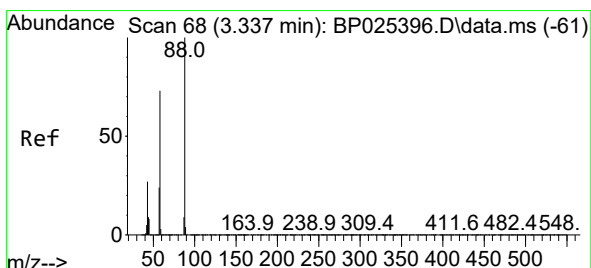
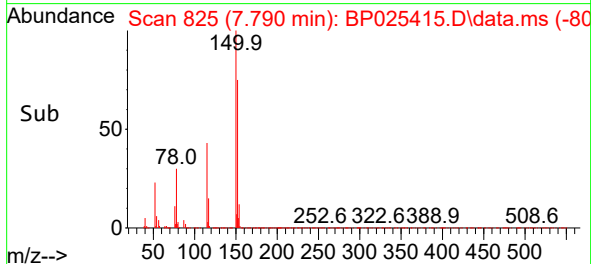
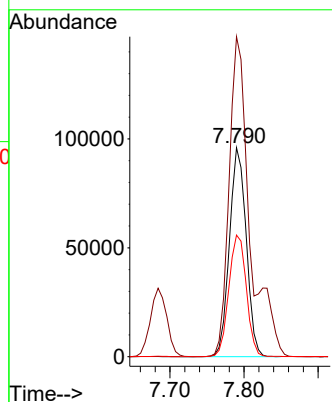
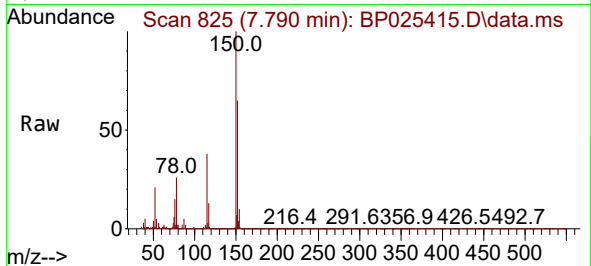
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1,4-Dichlorobenzene-d4  
Concen: 20.000 ng  
RT: 7.790 min Scan# 81  
Delta R.T. -0.006 min  
Lab File: BP025415.D  
Acq: 15 Aug 2025 05:48

Instrument :  
BNA\_P  
ClientSampleId :  
88H-EMS

Tgt Ion:152 Resp: 150780  
Ion Ratio Lower Upper  
152 100  
150 153.1 125.9 188.9  
115 58.2 48.5 72.7

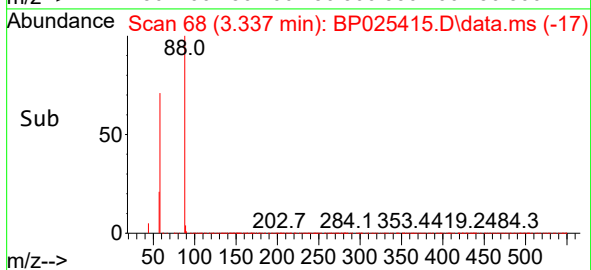
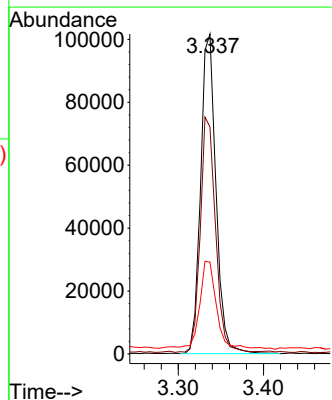
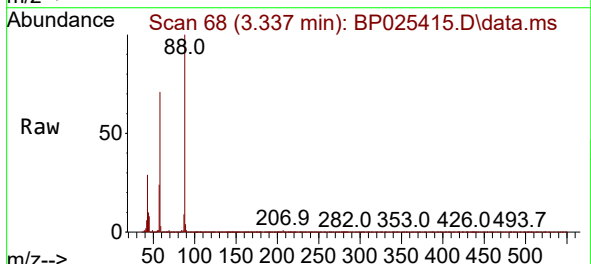
Manual Integrations  
APPROVED

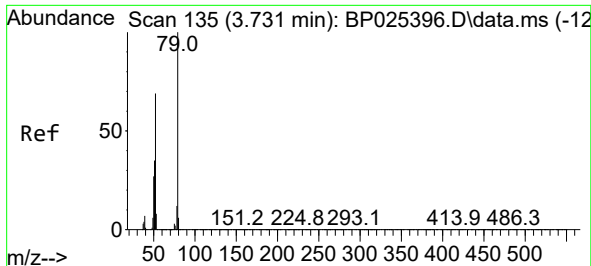
Reviewed By :Rahul Chavli 08/15/2025  
Supervised By :Jagrut Upadhyay 08/15/2025



#2  
1,4-Dioxane  
Concen: 35.736 ng  
RT: 3.337 min Scan# 68  
Delta R.T. 0.000 min  
Lab File: BP025415.D  
Acq: 15 Aug 2025 05:48

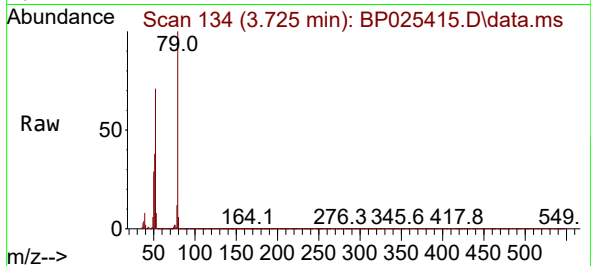
Tgt Ion: 88 Resp: 127096  
Ion Ratio Lower Upper  
88 100  
58 73.0 59.2 88.8  
43 31.5 21.7 32.5





#3  
Pyridine  
Concen: 36.011 ng  
RT: 3.725 min Scan# 11  
Delta R.T. -0.006 min  
Lab File: BP025415.D  
Acq: 15 Aug 2025 05:48

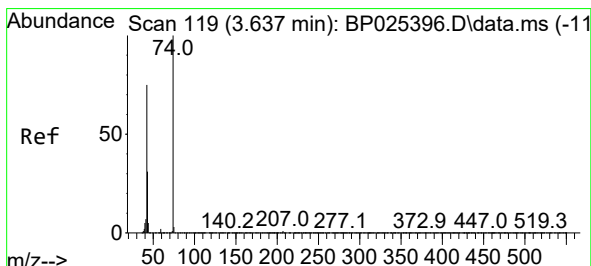
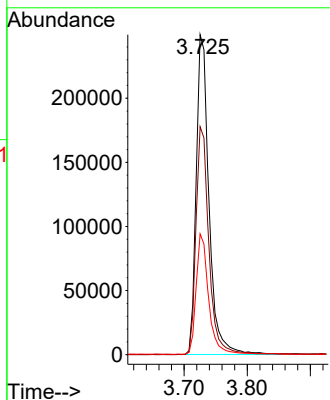
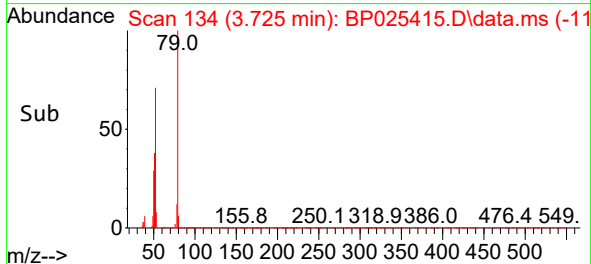
Instrument :  
BNA\_P  
ClientSampleId :  
88H-EMS



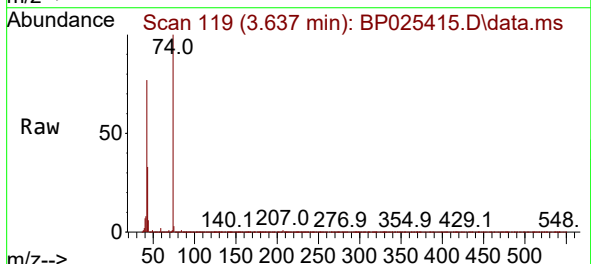
Tgt Ion: 79 Resp: 350548  
Ion Ratio Lower Upper  
79 100  
52 71.3 55.5 83.3  
51 37.8 28.3 42.5

Manual Integrations  
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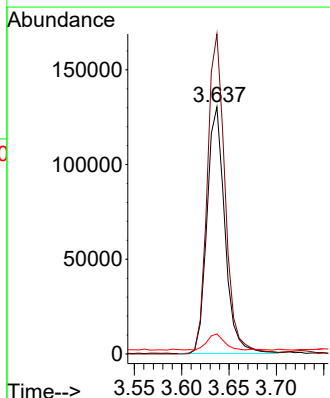
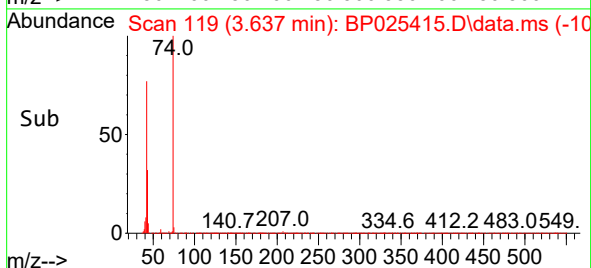
Reviewed By :Rahul Chavli 08/15/2025  
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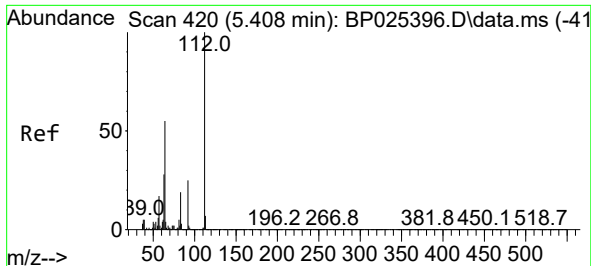


#4  
n-Nitrosodimethylamine  
Concen: 42.649 ng  
RT: 3.637 min Scan# 119  
Delta R.T. 0.000 min  
Lab File: BP025415.D  
Acq: 15 Aug 2025 05:48



Tgt Ion: 42 Resp: 171159  
Ion Ratio Lower Upper  
42 100  
74 129.5 107.0 160.4  
44 8.1 6.2 9.4





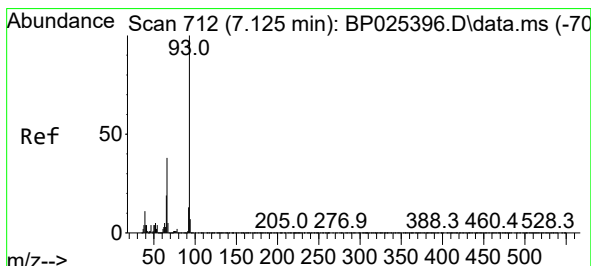
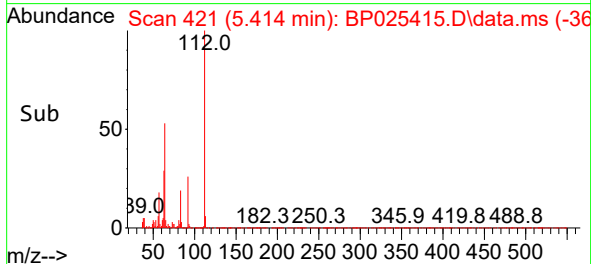
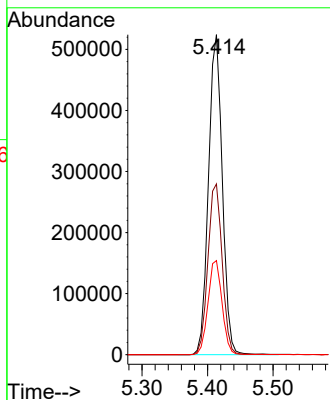
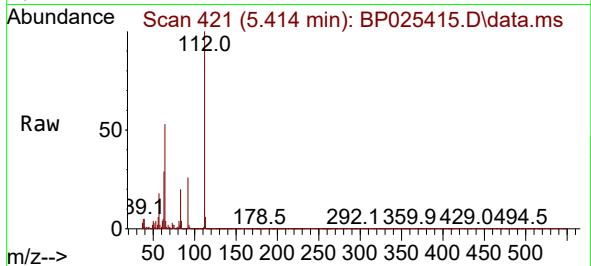
#5  
2-Fluorophenol  
Concen: 84.597 ng  
RT: 5.414 min Scan# 41  
Delta R.T. 0.006 min  
Lab File: BP025415.D  
Acq: 15 Aug 2025 05:48

Instrument :  
BNA\_P  
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88H-EMS

Tgt Ion:112 Resp: 76811  
Ion Ratio Lower Upper  
112 100  
64 53.3 43.8 65.8  
63 29.4 22.7 34.1

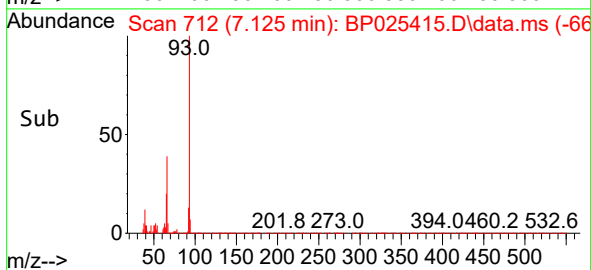
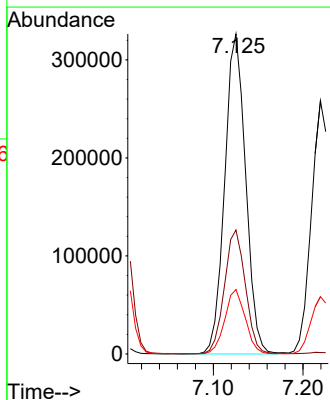
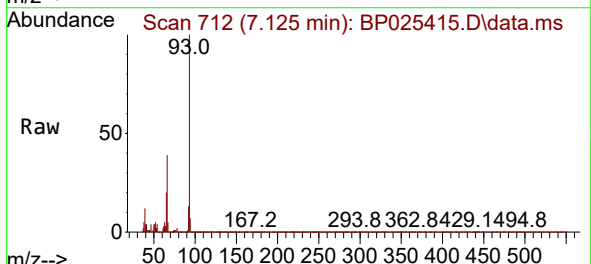
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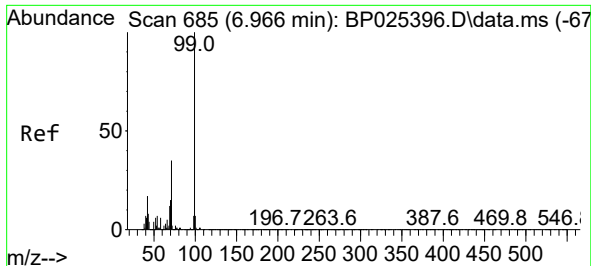
Reviewed By :Rahul Chavli 08/15/2025  
Supervised By :Jagrut Upadhyay 08/15/2025



#6  
Aniline  
Concen: 33.694 ng  
RT: 7.125 min Scan# 712  
Delta R.T. 0.000 min  
Lab File: BP025415.D  
Acq: 15 Aug 2025 05:48

Tgt Ion: 93 Resp: 528462  
Ion Ratio Lower Upper  
93 100  
66 38.7 30.4 45.6  
65 20.1 15.3 22.9





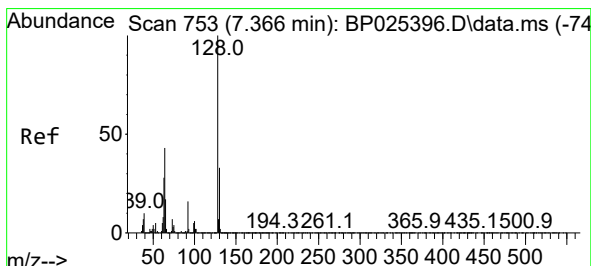
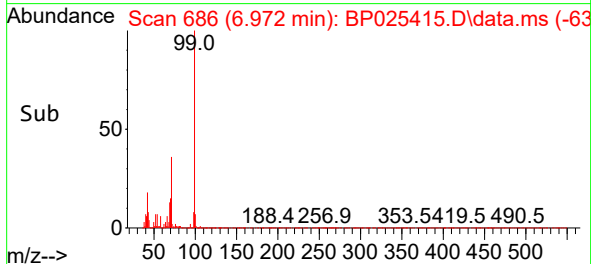
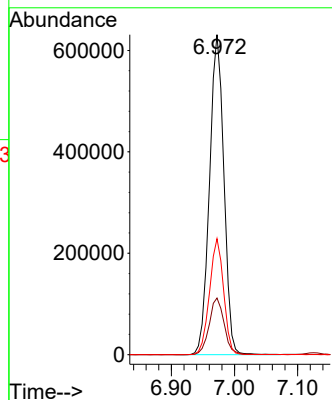
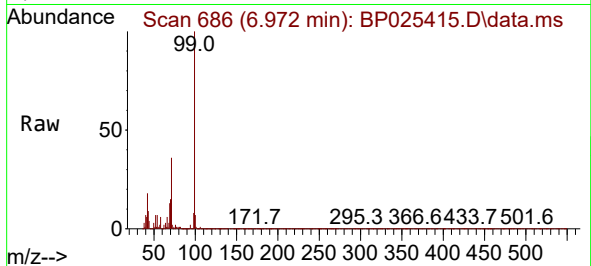
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Phenol-d6  
Concen: 85.710 ng  
RT: 6.972 min Scan# 685  
Delta R.T. 0.006 min  
Lab File: BP025415.D  
Acq: 15 Aug 2025 05:48

Instrument :  
BNA\_P  
ClientSampleId :  
88H-EMS

Tgt Ion: 99 Resp: 99774  
Ion Ratio Lower Upper  
99 100  
42 17.7 13.7 20.5  
71 36.3 28.2 42.4

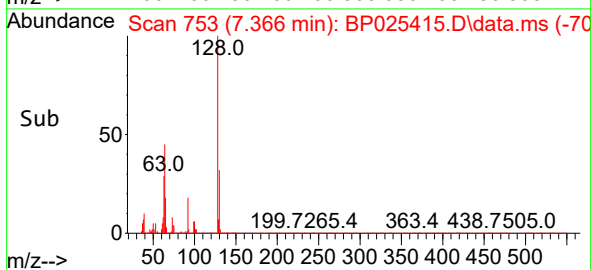
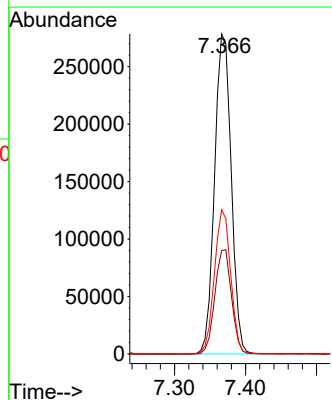
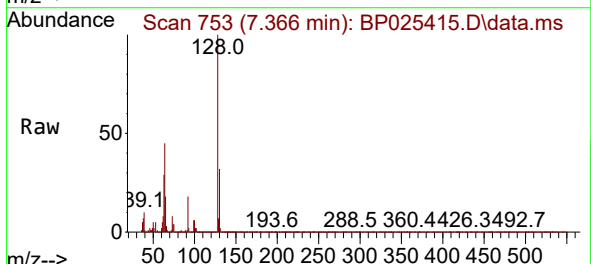
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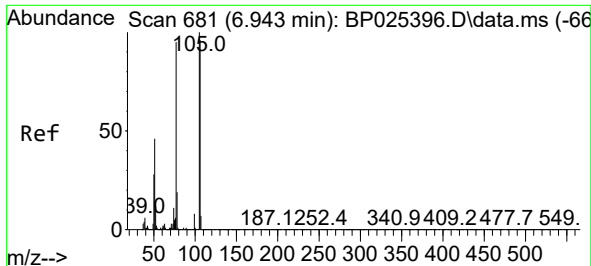
Reviewed By :Rahul Chavli 08/15/2025  
Supervised By :Jagrut Upadhyay 08/15/2025



#8  
2-Chlorophenol  
Concen: 44.153 ng  
RT: 7.366 min Scan# 753  
Delta R.T. 0.000 min  
Lab File: BP025415.D  
Acq: 15 Aug 2025 05:48

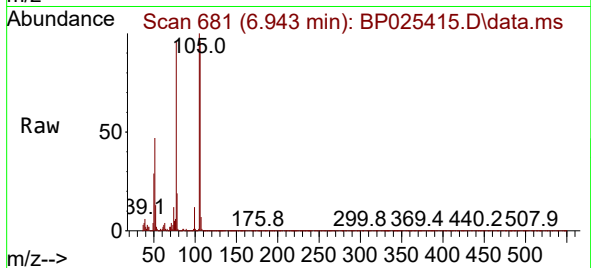
Tgt Ion:128 Resp: 452389  
Ion Ratio Lower Upper  
128 100  
130 32.3 12.6 52.6  
64 45.0 23.4 63.4





#9  
Benzaldehyde  
Concen: 26.286 ng  
RT: 6.943 min Scan# 681  
Delta R.T. 0.000 min  
Lab File: BP025415.D  
Acq: 15 Aug 2025 05:48

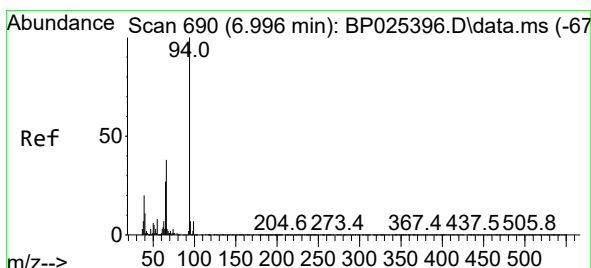
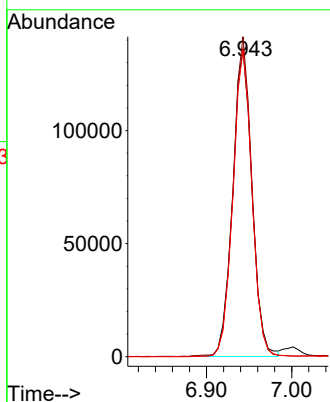
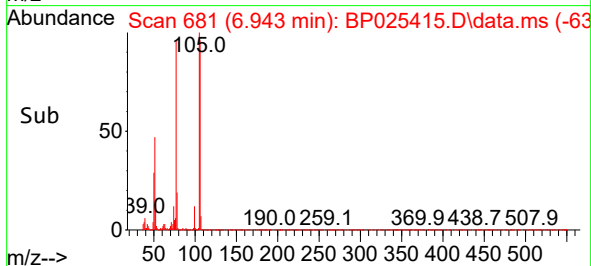
Instrument :  
BNA\_P  
ClientSampleId :  
88H-EMS



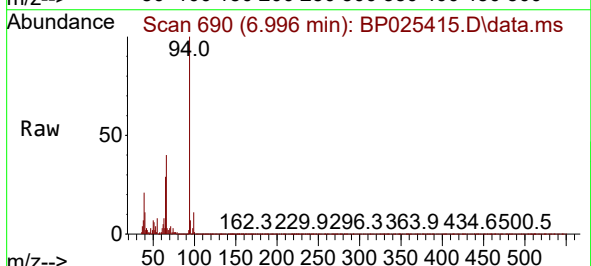
Tgt Ion: 77 Resp: 214385  
Ion Ratio Lower Upper  
77 100  
105 104.1 84.8 124.8  
106 99.7 80.5 120.5

Manual Integrations  
APPROVED

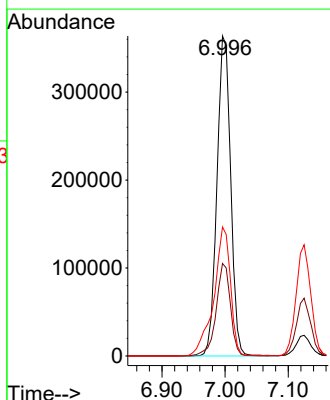
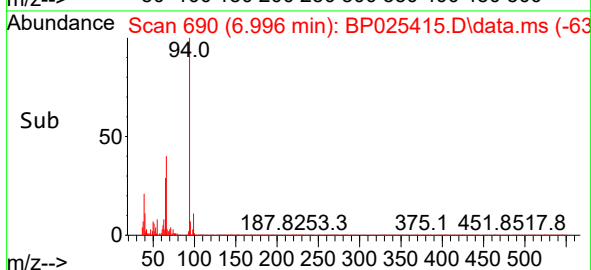
Reviewed By :Rahul Chavli 08/15/2025  
Supervised By :Jagrut Upadhyay 08/15/2025

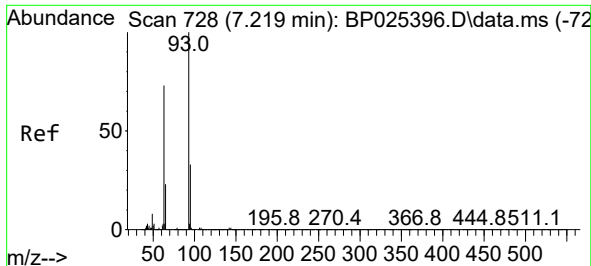


#10  
Phenol  
Concen: 45.048 ng  
RT: 6.996 min Scan# 690  
Delta R.T. 0.000 min  
Lab File: BP025415.D  
Acq: 15 Aug 2025 05:48



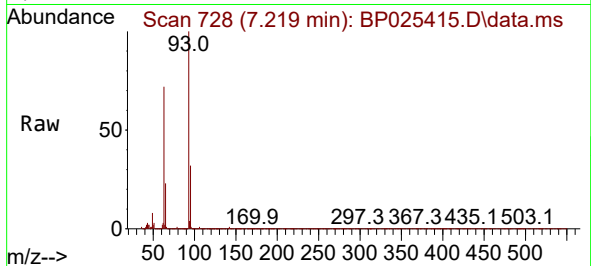
Tgt Ion: 94 Resp: 550261  
Ion Ratio Lower Upper  
94 100  
65 28.9 6.8 46.8  
66 40.3 18.2 58.2





#11  
bis(2-Chloroethyl)ether  
Concen: 41.157 ng  
RT: 7.219 min Scan# 728  
Delta R.T. 0.000 min  
Lab File: BP025415.D  
Acq: 15 Aug 2025 05:48

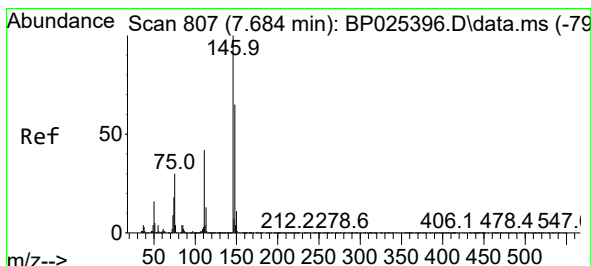
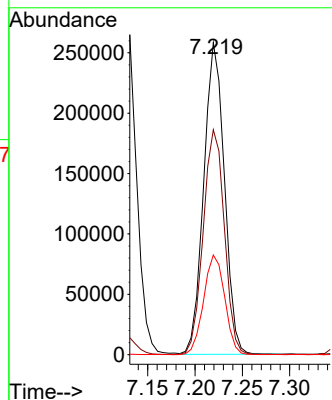
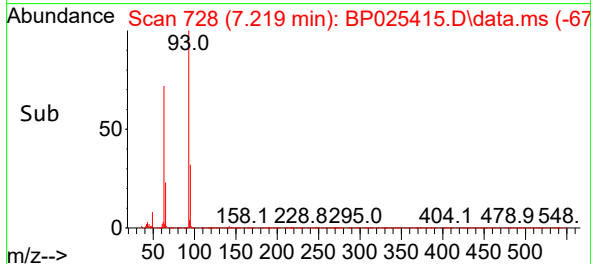
Instrument :  
BNA\_P  
ClientSampleId :  
88H-EMS



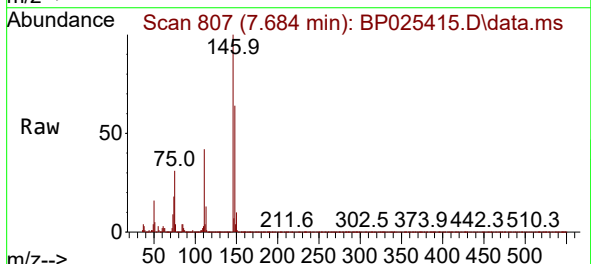
Tgt Ion: 93 Resp: 391840  
Ion Ratio Lower Upper  
93 100  
63 72.1 52.6 92.6  
95 32.0 12.7 52.7

Manual Integrations  
APPROVED

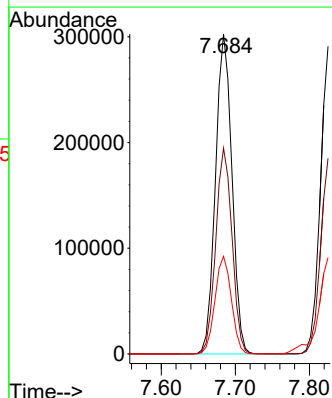
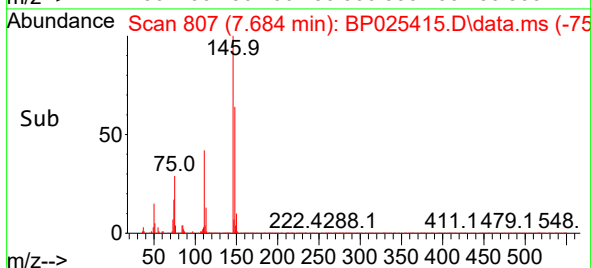
Reviewed By :Rahul Chavli 08/15/2025  
Supervised By :Jagrut Upadhyay 08/15/2025

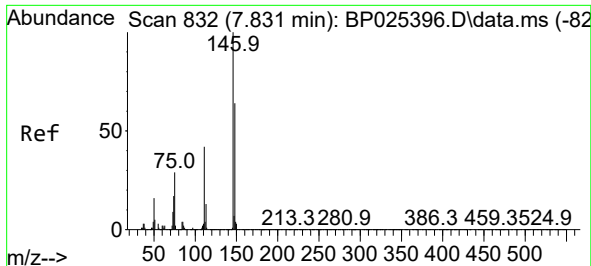


#12  
1,3-Dichlorobenzene  
Concen: 41.247 ng  
RT: 7.684 min Scan# 807  
Delta R.T. 0.000 min  
Lab File: BP025415.D  
Acq: 15 Aug 2025 05:48



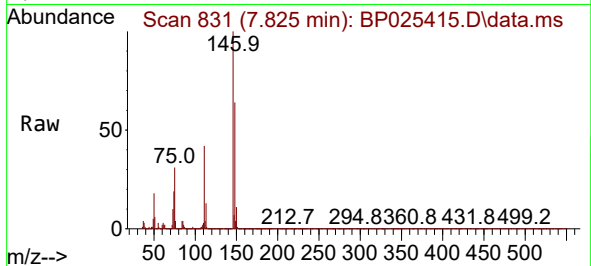
Tgt Ion:146 Resp: 466002  
Ion Ratio Lower Upper  
146 100  
148 64.4 51.9 77.9  
75 30.5 23.7 35.5





#13  
1,4-Dichlorobenzene  
Concen: 41.179 ng  
RT: 7.825 min Scan# 811  
Delta R.T. -0.006 min  
Lab File: BP025415.D  
Acq: 15 Aug 2025 05:48

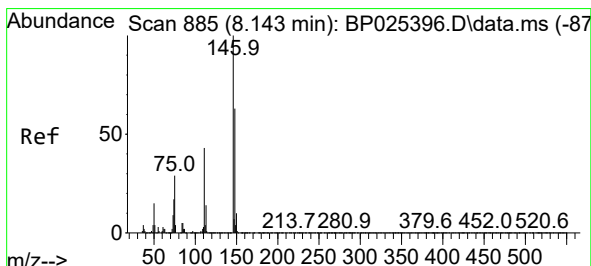
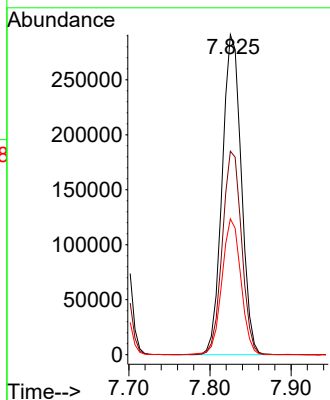
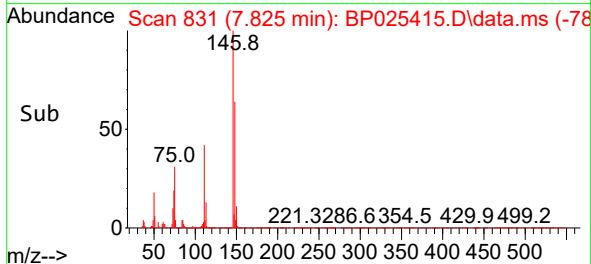
Instrument :  
BNA\_P  
ClientSampleId :  
88H-EMS



Tgt Ion:146 Resp: 475529  
Ion Ratio Lower Upper  
146 100  
148 63.6 51.6 77.4  
111 42.5 33.4 50.0

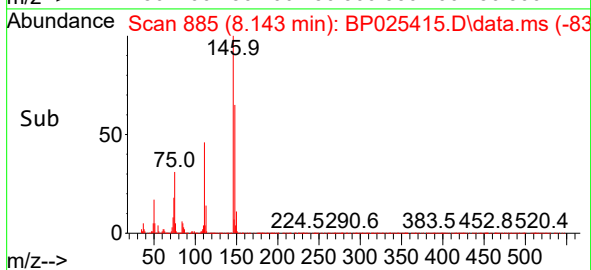
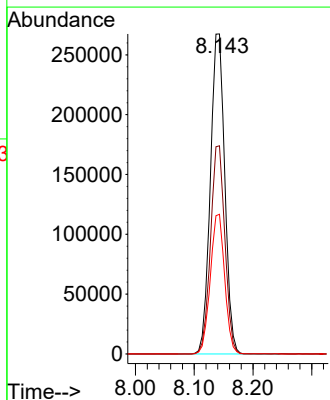
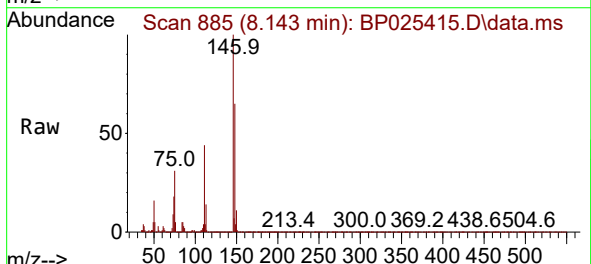
Manual Integrations  
APPROVED

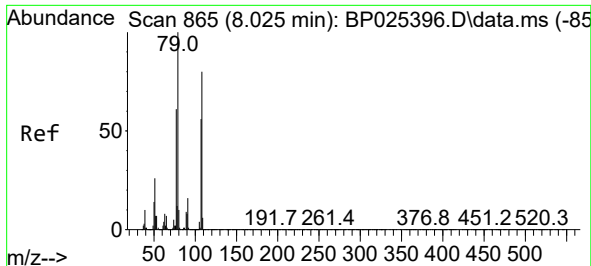
Reviewed By :Rahul Chavli 08/15/2025  
Supervised By :Jagrut Upadhyay 08/15/2025



#14  
1,2-Dichlorobenzene  
Concen: 40.725 ng  
RT: 8.143 min Scan# 885  
Delta R.T. 0.000 min  
Lab File: BP025415.D  
Acq: 15 Aug 2025 05:48

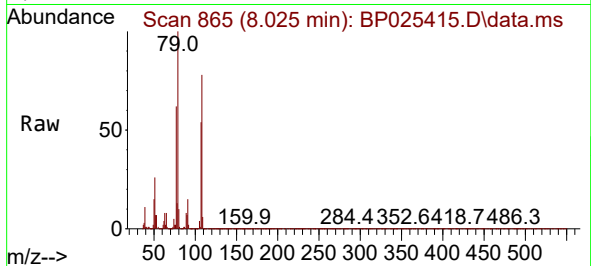
Tgt Ion:146 Resp: 455238  
Ion Ratio Lower Upper  
146 100  
148 65.0 50.4 75.6  
111 43.6 34.5 51.7





#15  
Benzyl Alcohol  
Concen: 43.261 ng  
RT: 8.025 min Scan# 80  
Delta R.T. 0.000 min  
Lab File: BP025415.D  
Acq: 15 Aug 2025 05:48

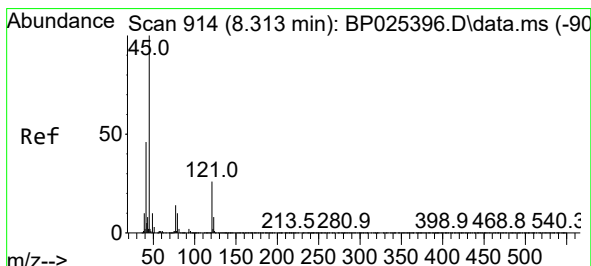
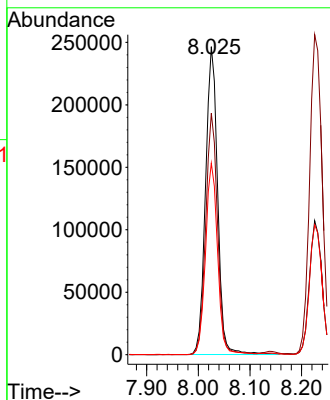
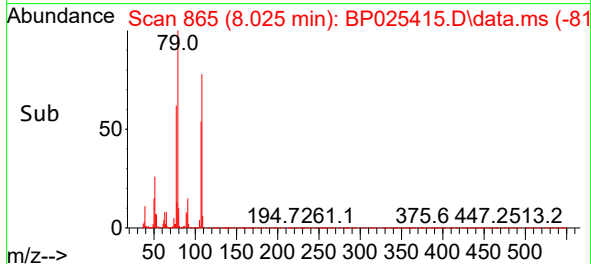
Instrument :  
BNA\_P  
ClientSampleId :  
88H-EMS



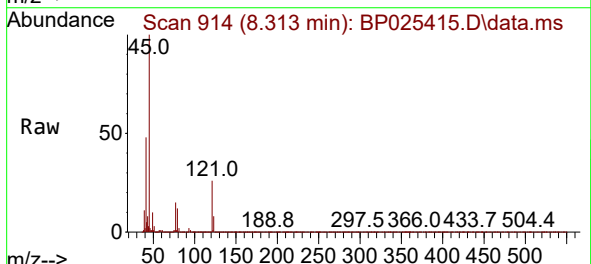
Tgt Ion: 79 Resp: 40014  
Ion Ratio Lower Upper  
79 100  
108 78.4 63.8 95.6  
77 62.2 49.0 73.4

Manual Integrations  
APPROVED

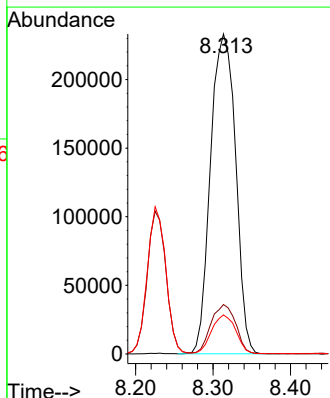
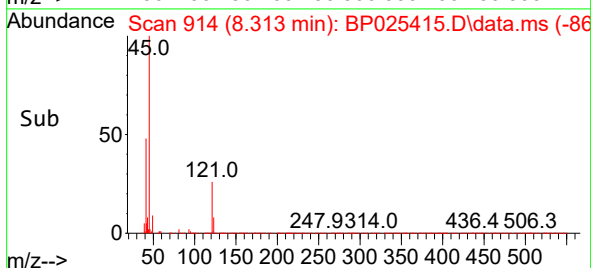
Reviewed By :Rahul Chavli 08/15/2025  
Supervised By :Jagrut Upadhyay 08/15/2025

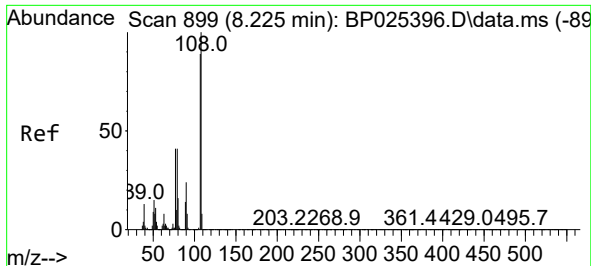


#16  
2,2'-oxybis(1-Chloropropane)  
Concen: 41.117 ng  
RT: 8.313 min Scan# 914  
Delta R.T. 0.000 min  
Lab File: BP025415.D  
Acq: 15 Aug 2025 05:48



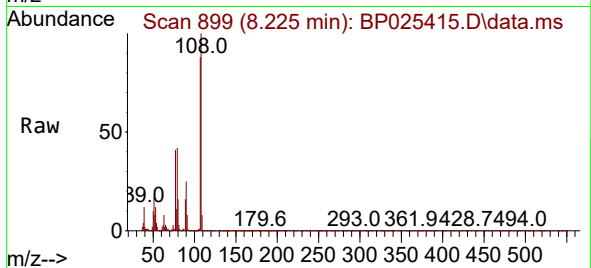
Tgt Ion: 45 Resp: 524406  
Ion Ratio Lower Upper  
45 100  
77 15.4 0.0 35.3  
79 12.2 0.0 31.8





#17  
2-Methylphenol  
Concen: 44.780 ng  
RT: 8.225 min Scan# 899  
Delta R.T. 0.000 min  
Lab File: BP025415.D  
Acq: 15 Aug 2025 05:48

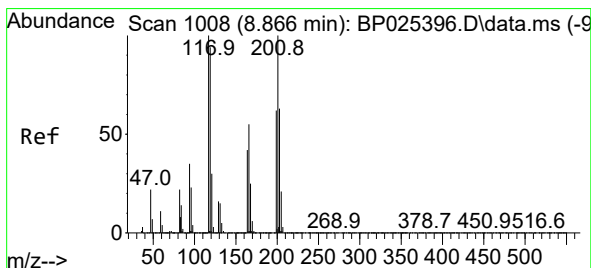
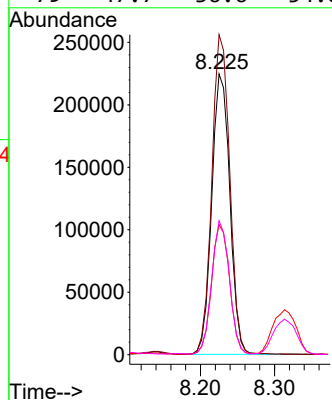
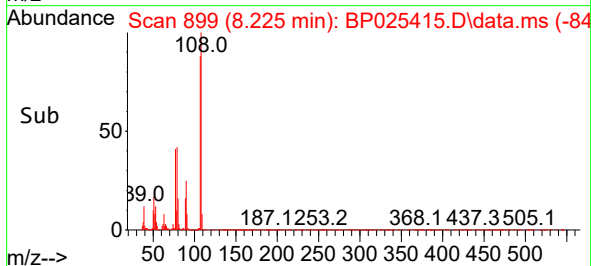
Instrument :  
BNA\_P  
ClientSampleId :  
88H-EMS



| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 107     | 100   |       |       |
| 108     | 114.0 | 89.4  | 134.0 |
| 77      | 46.3  | 36.3  | 54.5  |
| 79      | 47.7  | 36.6  | 54.8  |

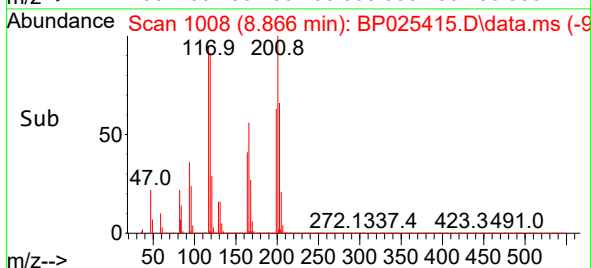
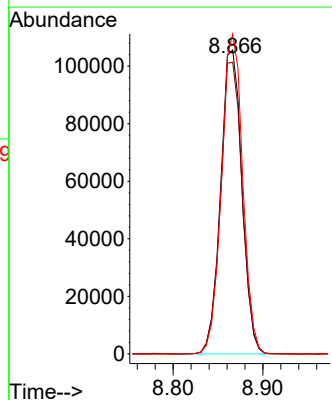
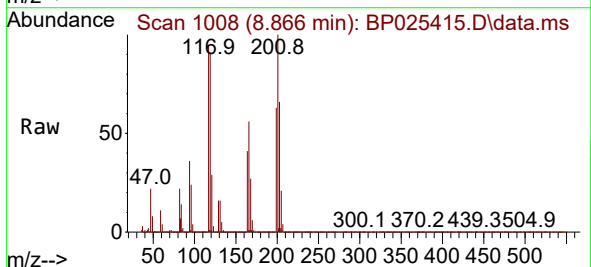
Manual Integrations  
APPROVED

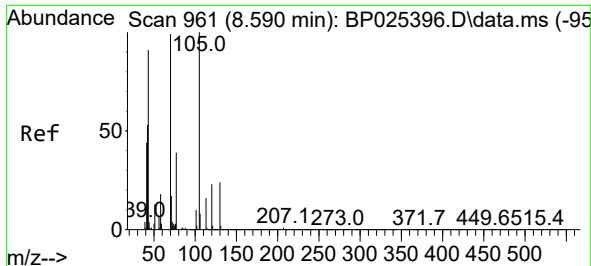
Reviewed By :Rahul Chavli 08/15/2025  
Supervised By :Jagrut Upadhyay 08/15/2025



#18  
Hexachloroethane  
Concen: 41.089 ng  
RT: 8.866 min Scan# 1008  
Delta R.T. 0.000 min  
Lab File: BP025415.D  
Acq: 15 Aug 2025 05:48

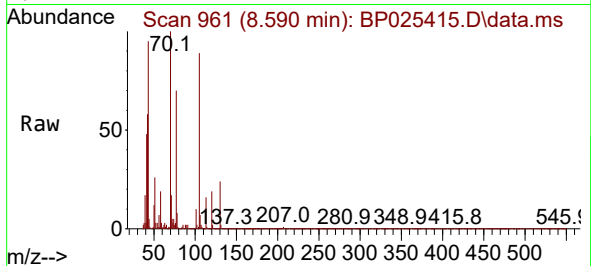
| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 117     | 100   |       |       |
| 119     | 95.9  | 75.1  | 112.7 |
| 201     | 105.2 | 80.1  | 120.1 |





#19  
n-Nitroso-di-n-propylamine  
Concen: 40.032 ng  
RT: 8.590 min Scan# 961  
Delta R.T. 0.000 min  
Lab File: BP025415.D  
Acq: 15 Aug 2025 05:48

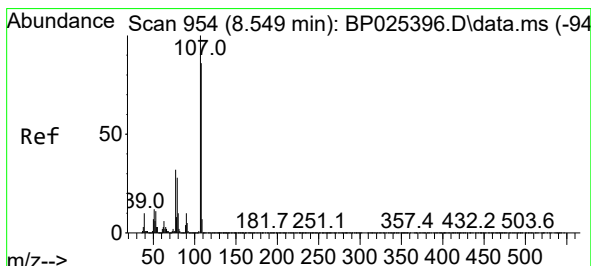
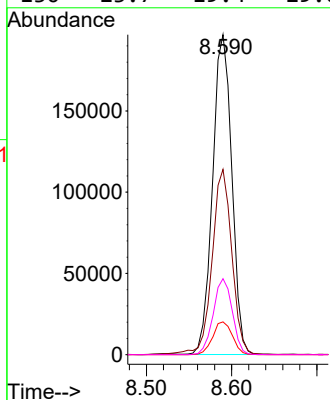
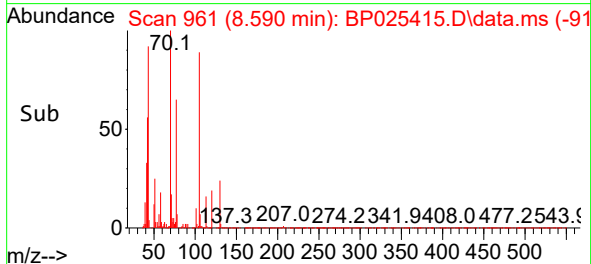
Instrument :  
BNA\_P  
ClientSampleId :  
88H-EMS



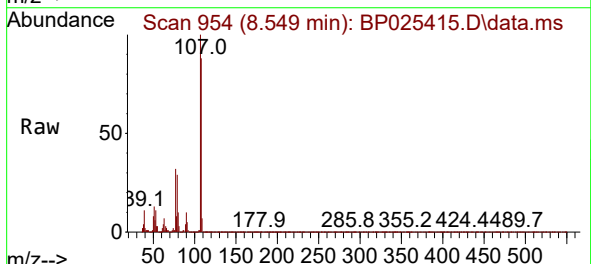
Tgt Ion: 70 Resp: 308670  
Ion Ratio Lower Upper  
70 100  
42 57.9 43.8 65.6  
101 10.3 8.5 12.7  
130 23.7 19.4 29.0

Manual Integrations  
APPROVED

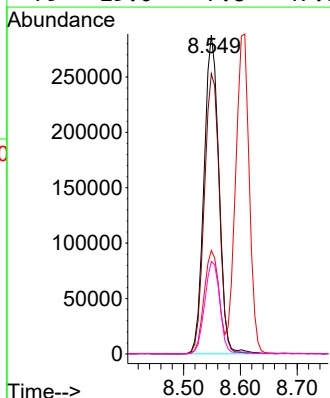
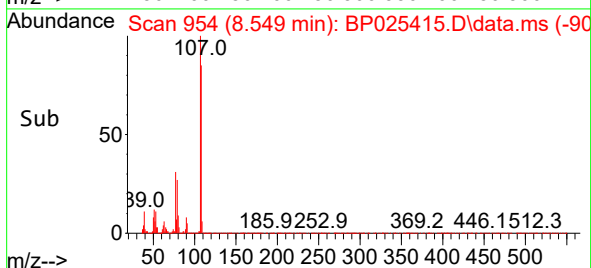
Reviewed By :Rahul Chavli 08/15/2025  
Supervised By :Jagrut Upadhyay 08/15/2025

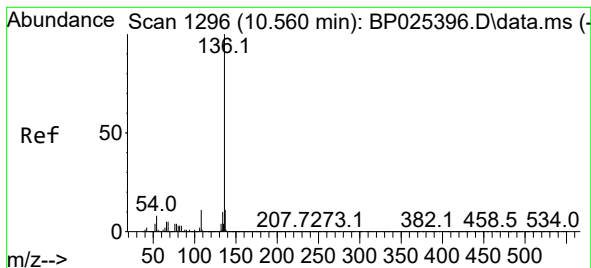


#20  
3+4-Methylphenols  
Concen: 44.480 ng  
RT: 8.549 min Scan# 954  
Delta R.T. 0.000 min  
Lab File: BP025415.D  
Acq: 15 Aug 2025 05:48



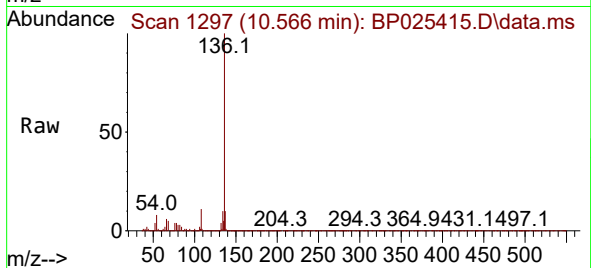
Tgt Ion:107 Resp: 523056  
Ion Ratio Lower Upper  
107 100  
108 87.9 66.3 106.3  
77 32.5 12.3 52.3  
79 29.0 7.8 47.8





#21  
Naphthalene-d8  
Concen: 20.000 ng  
RT: 10.566 min Scan# 1296  
Delta R.T. 0.006 min  
Lab File: BP025415.D  
Acq: 15 Aug 2025 05:48

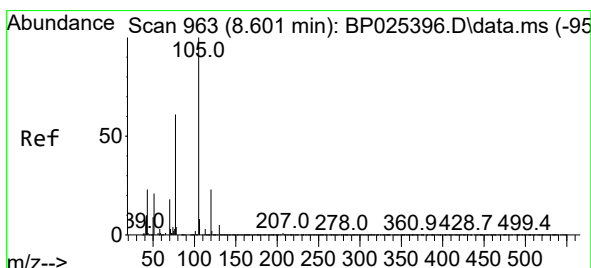
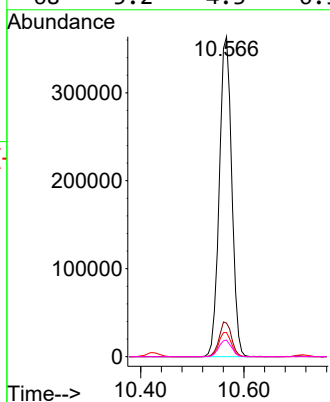
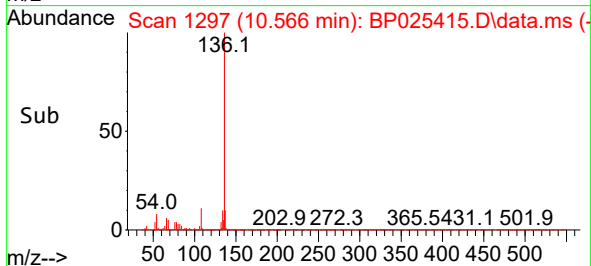
Instrument :  
BNA\_P  
ClientSampleId :  
88H-EMS



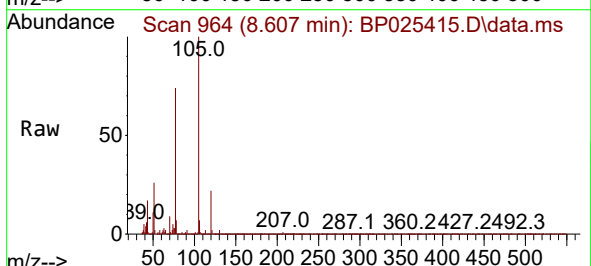
Tgt Ion:136 Resp: 605832  
Ion Ratio Lower Upper  
136 100  
137 10.5 9.2 13.8  
54 7.5 6.0 9.0  
68 5.2 4.3 6.5

Manual Integrations  
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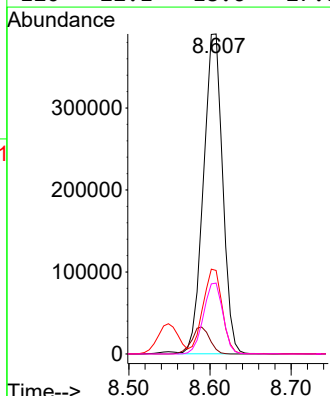
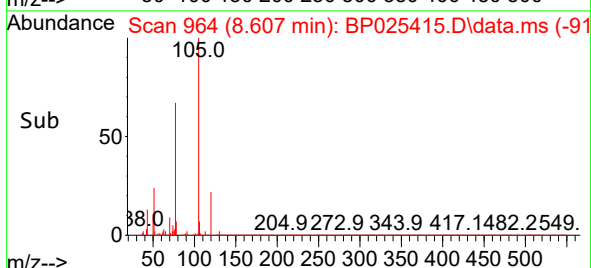
Reviewed By :Rahul Chavli 08/15/2025  
Supervised By :Jagrut Upadhyay 08/15/2025

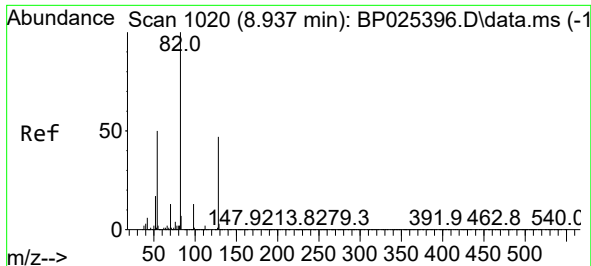


#22  
Acetophenone  
Concen: 42.059 ng  
RT: 8.607 min Scan# 964  
Delta R.T. 0.006 min  
Lab File: BP025415.D  
Acq: 15 Aug 2025 05:48



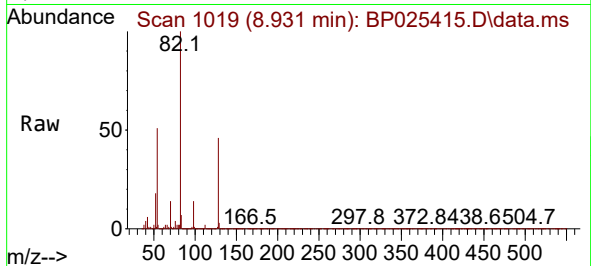
Tgt Ion:105 Resp: 638997  
Ion Ratio Lower Upper  
105 100  
71 1.4 2.6 4.0#  
51 26.1 20.6 30.8  
120 22.1 18.6 27.8





#23  
Nitrobenzene-d5  
Concen: 51.912 ng  
RT: 8.931 min Scan# 1019  
Delta R.T. -0.006 min  
Lab File: BP025415.D  
Acq: 15 Aug 2025 05:48

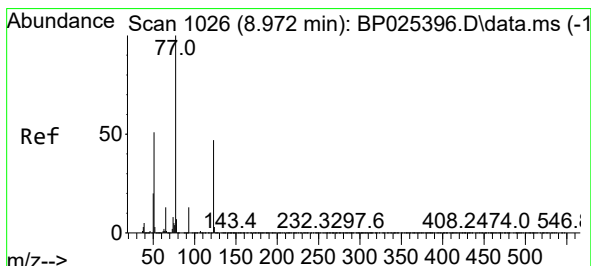
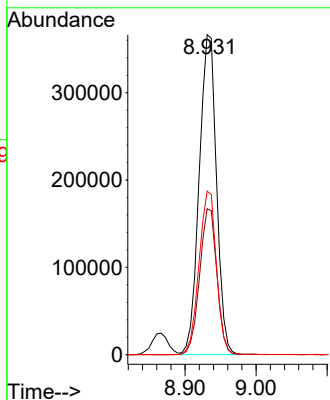
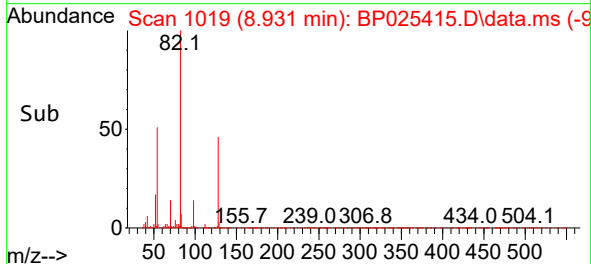
Instrument :  
BNA\_P  
ClientSampleId :  
88H-EMS



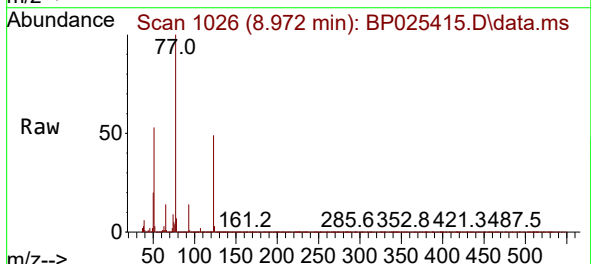
Tgt Ion: 82 Resp: 62172  
Ion Ratio Lower Upper  
82 100  
128 45.6 37.7 56.5  
54 51.1 39.8 59.6

Manual Integrations  
APPROVED

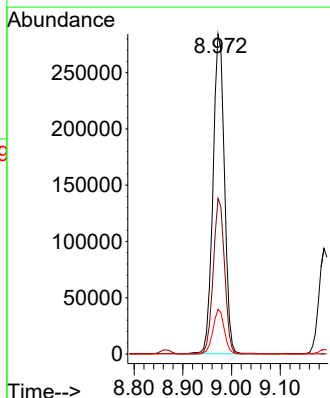
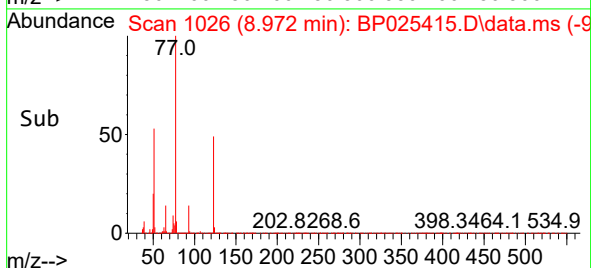
Reviewed By :Rahul Chavli 08/15/2025  
Supervised By :Jagrut Upadhyay 08/15/2025

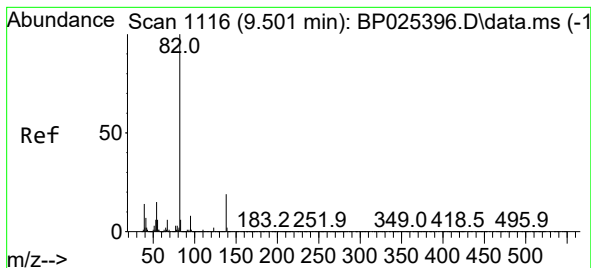


#24  
Nitrobenzene  
Concen: 43.258 ng  
RT: 8.972 min Scan# 1026  
Delta R.T. 0.000 min  
Lab File: BP025415.D  
Acq: 15 Aug 2025 05:48



Tgt Ion: 77 Resp: 463016  
Ion Ratio Lower Upper  
77 100  
123 48.6 38.6 58.0  
65 14.0 10.6 15.8





#25

Isophorone

Concen: 41.831 ng

RT: 9.502 min Scan# 1116

Delta R.T. 0.000 min

Lab File: BP025415.D

Acq: 15 Aug 2025 05:48

Instrument :

BNA\_P

ClientSampleId :

88H-EMS

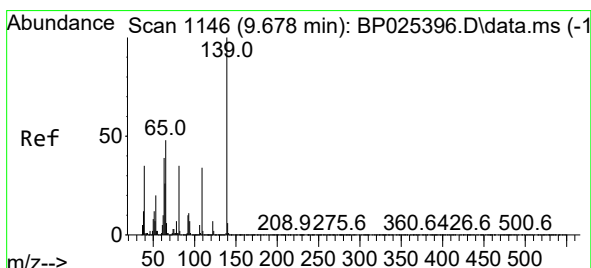
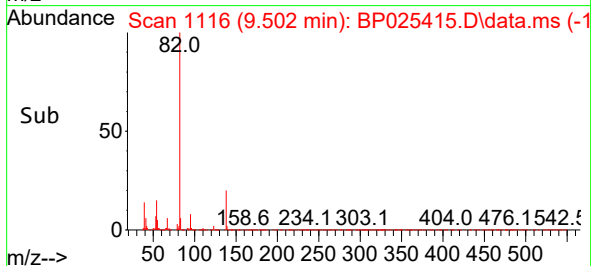
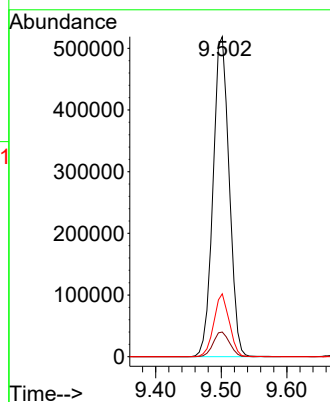
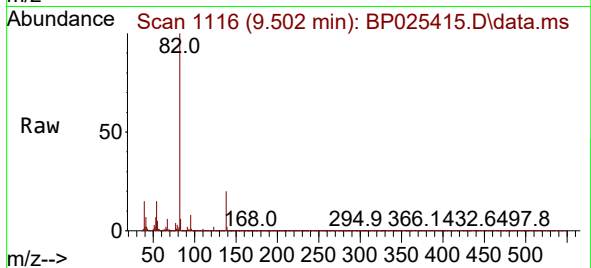
|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 82    | Resp: | 88662 |
| Ion      | Ratio | Lower | Upper |
| 82       | 100   |       |       |
| 95       | 7.7   | 6.4   | 9.6   |
| 138      | 19.7  | 15.4  | 23.0  |

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 08/15/2025

Supervised By :Jagrut Upadhyay 08/15/2025



#26

2-Nitrophenol

Concen: 43.463 ng

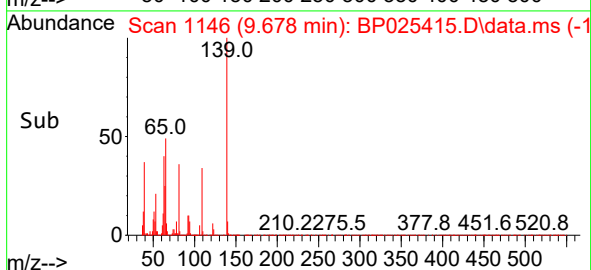
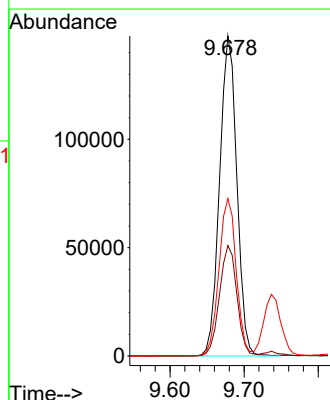
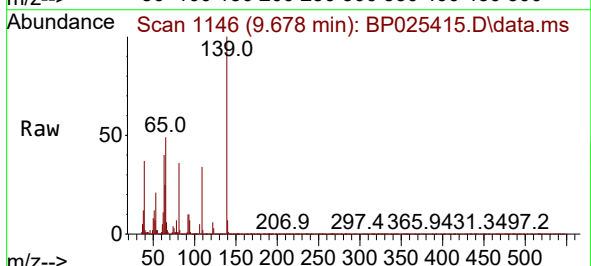
RT: 9.678 min Scan# 1146

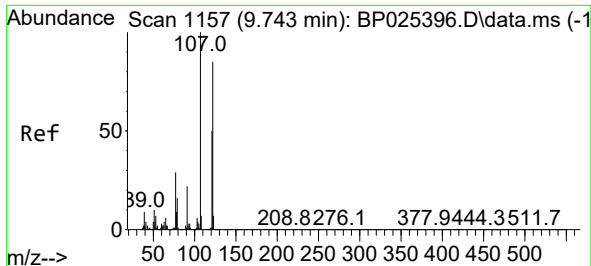
Delta R.T. 0.000 min

Lab File: BP025415.D

Acq: 15 Aug 2025 05:48

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 139   | Resp: | 238745 |
| Ion      | Ratio | Lower | Upper  |
| 139      | 100   |       |        |
| 109      | 34.5  | 26.9  | 40.3   |
| 65       | 49.1  | 38.3  | 57.5   |





#27

2,4-Dimethylphenol

Concen: 45.989 ng

RT: 9.737 min Scan# 1156

Delta R.T. -0.006 min

Lab File: BP025415.D

Acq: 15 Aug 2025 05:48

Instrument :

BNA\_P

ClientSampleId :

88H-EMS

Tgt Ion:122 Resp: 434435

Ion Ratio Lower Upper

122 100

107 119.5 93.7 140.5

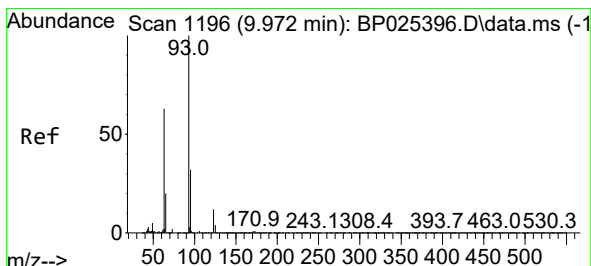
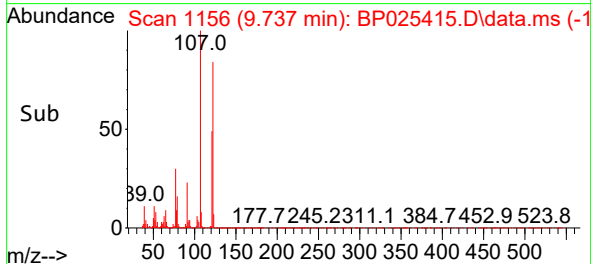
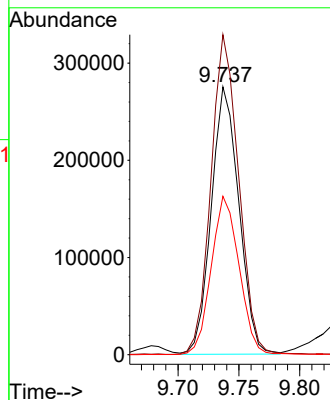
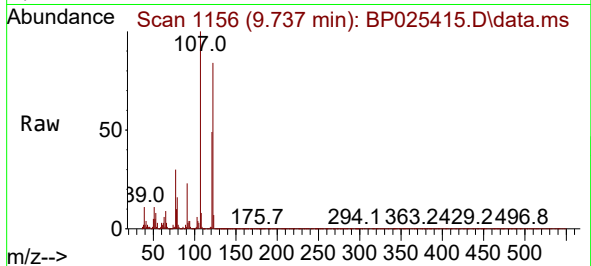
121 59.1 46.6 69.8

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 08/15/2025

Supervised By :Jagrut Upadhyay 08/15/2025



#28

bis(2-Chloroethoxy)methane

Concen: 42.224 ng

RT: 9.972 min Scan# 1196

Delta R.T. 0.000 min

Lab File: BP025415.D

Acq: 15 Aug 2025 05:48

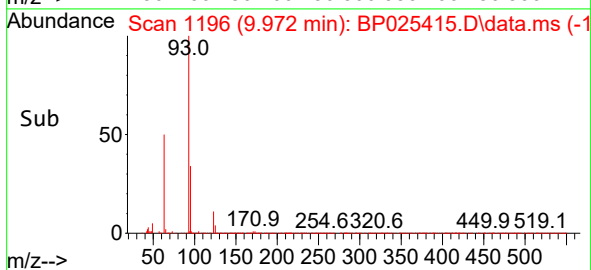
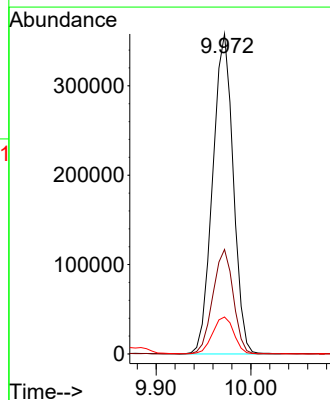
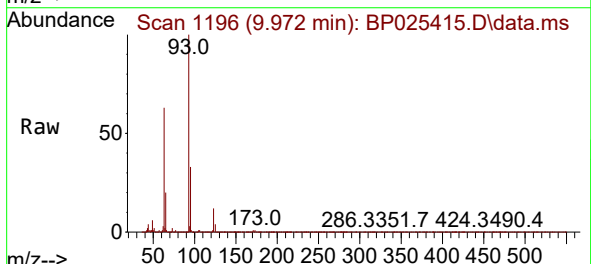
Tgt Ion: 93 Resp: 540971

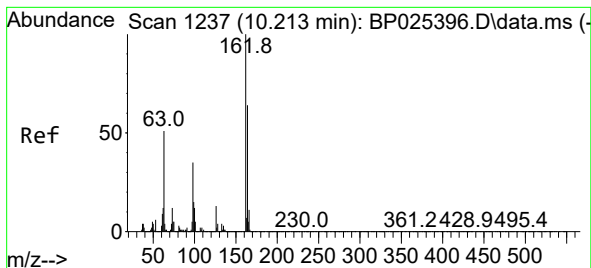
Ion Ratio Lower Upper

93 100

95 32.7 25.4 38.0

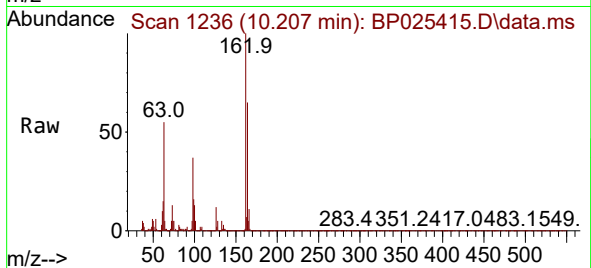
123 11.5 9.4 14.0





#29  
2,4-Dichlorophenol  
Concen: 46.651 ng  
RT: 10.207 min Scan# 1236  
Delta R.T. -0.006 min  
Lab File: BP025415.D  
Acq: 15 Aug 2025 05:48

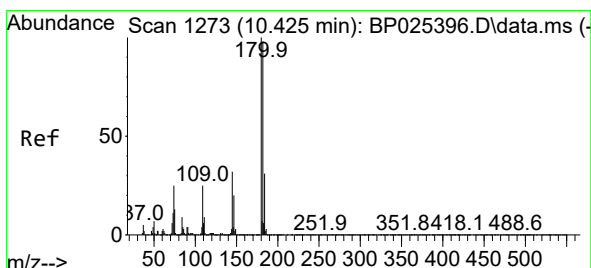
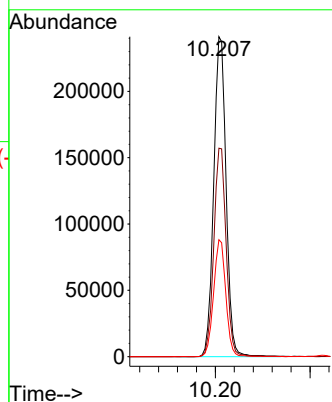
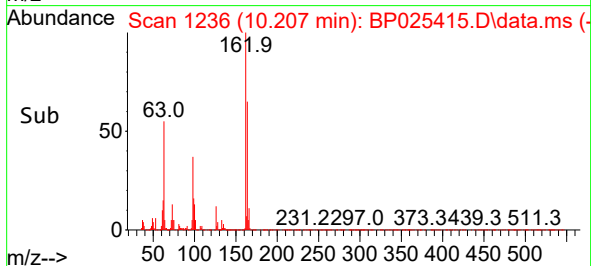
Instrument :  
BNA\_P  
ClientSampleId :  
88H-EMS



Tgt Ion:162 Resp: 437774  
Ion Ratio Lower Upper  
162 100  
164 65.2 44.4 84.4  
98 36.6 14.9 54.9

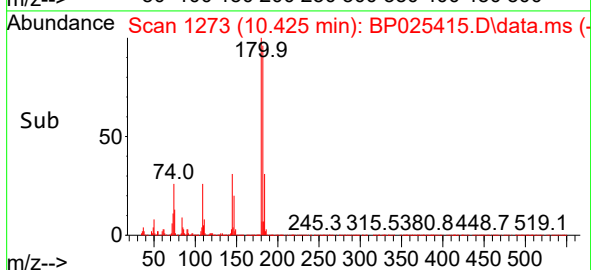
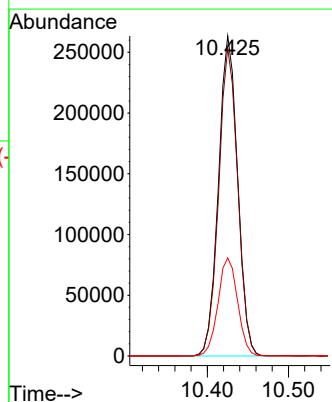
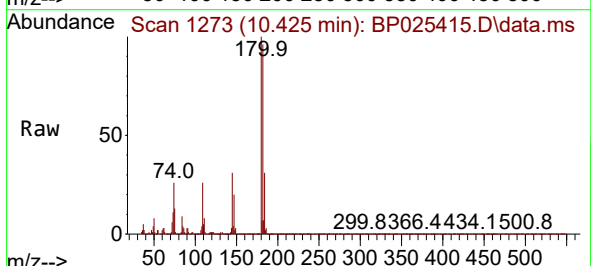
Manual Integrations  
APPROVED

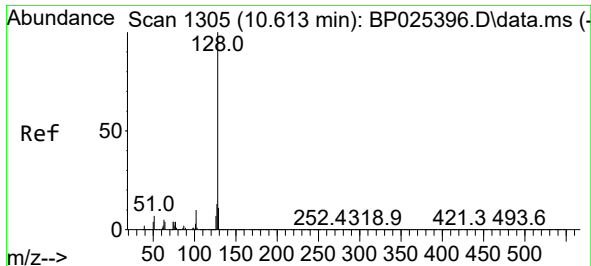
Reviewed By :Rahul Chavli 08/15/2025  
Supervised By :Jagrut Upadhyay 08/15/2025



#30  
1,2,4-Trichlorobenzene  
Concen: 42.105 ng  
RT: 10.425 min Scan# 1273  
Delta R.T. 0.000 min  
Lab File: BP025415.D  
Acq: 15 Aug 2025 05:48

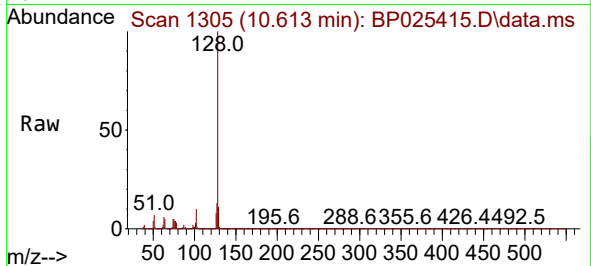
Tgt Ion:180 Resp: 433129  
Ion Ratio Lower Upper  
180 100  
182 96.2 78.0 117.0  
145 30.7 25.9 38.9





#31  
Naphthalene  
Concen: 42.238 ng  
RT: 10.613 min Scan# 1180  
Delta R.T. 0.000 min  
Lab File: BP025415.D  
Acq: 15 Aug 2025 05:48

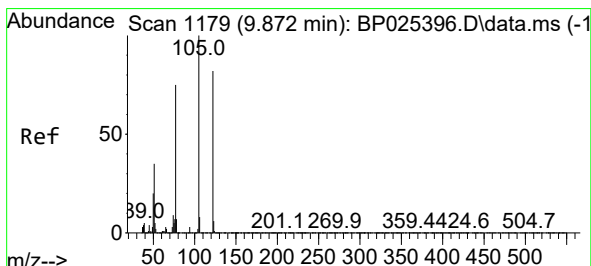
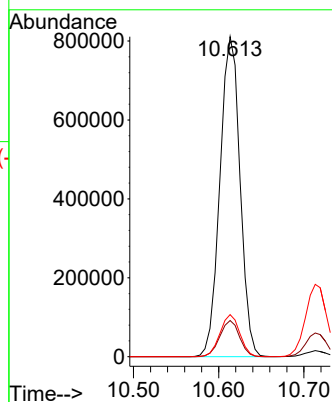
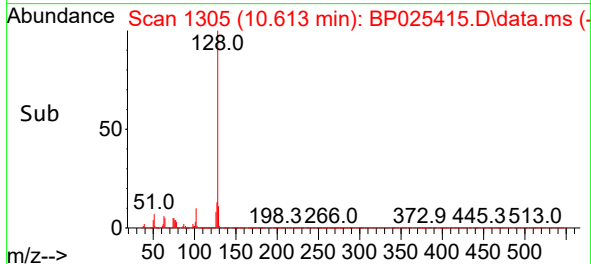
Instrument :  
BNA\_P  
ClientSampleId :  
88H-EMS



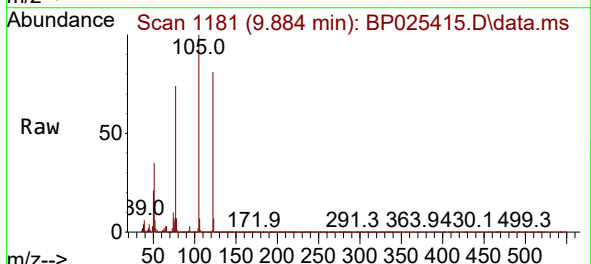
Tgt Ion:128 Resp: 133000  
Ion Ratio Lower Upper  
128 100  
129 11.3 8.6 13.0  
127 13.1 10.7 16.1

Manual Integrations  
APPROVED

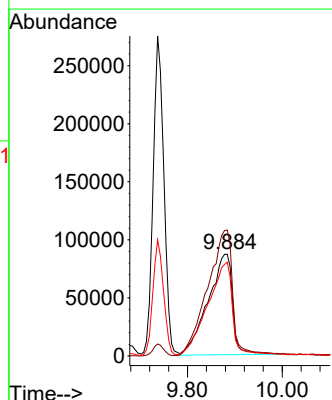
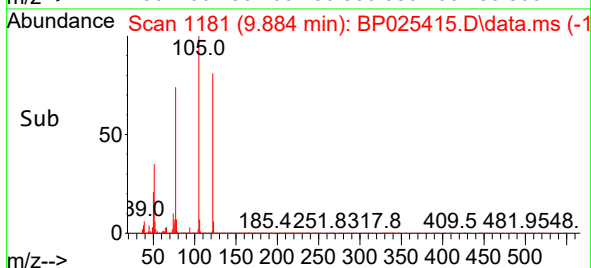
Reviewed By :Rahul Chavli 08/15/2025  
Supervised By :Jagrut Upadhyay 08/15/2025

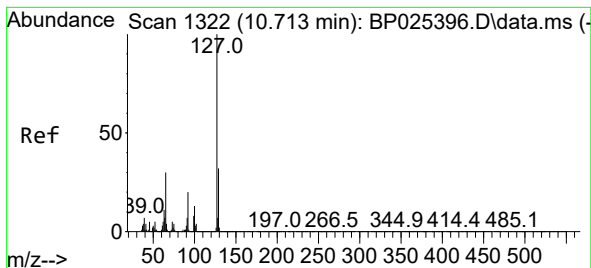


#32  
Benzoic acid  
Concen: 44.638 ng  
RT: 9.884 min Scan# 1181  
Delta R.T. 0.012 min  
Lab File: BP025415.D  
Acq: 15 Aug 2025 05:48



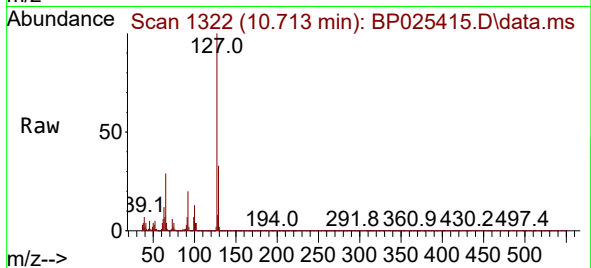
Tgt Ion:122 Resp: 311312  
Ion Ratio Lower Upper  
122 100  
105 123.6 100.6 140.6  
77 92.0 71.5 111.5





#33  
4-Chloroaniline  
Concen: 23.081 ng  
RT: 10.713 min Scan# 1322  
Delta R.T. 0.000 min  
Lab File: BP025415.D  
Acq: 15 Aug 2025 05:48

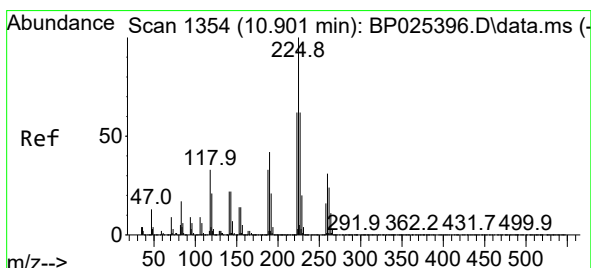
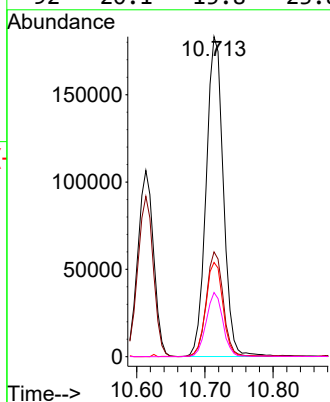
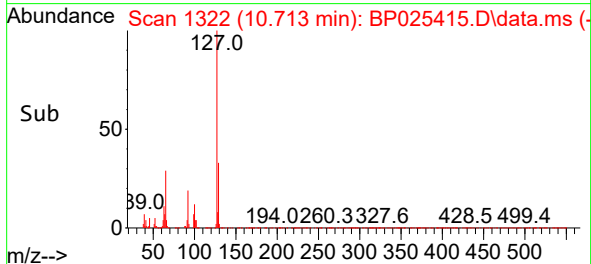
Instrument :  
BNA\_P  
ClientSampleId :  
88H-EMS



| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 127     | 100   |       |       |
| 129     | 32.7  | 25.4  | 38.2  |
| 65      | 29.5  | 23.8  | 35.6  |
| 92      | 20.1  | 15.8  | 23.8  |

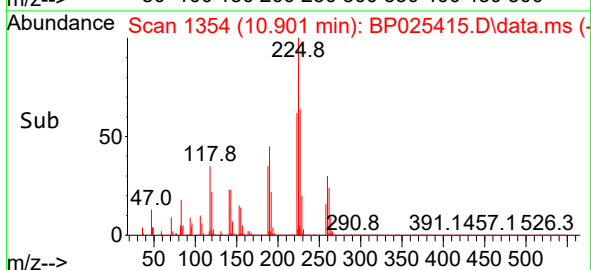
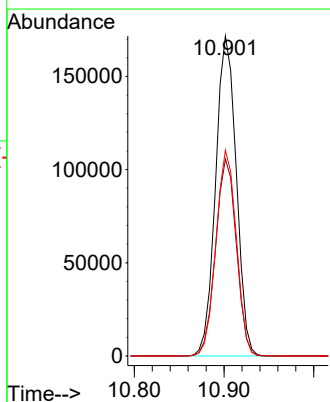
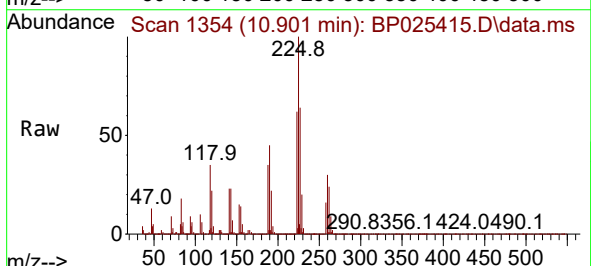
Manual Integrations  
APPROVED

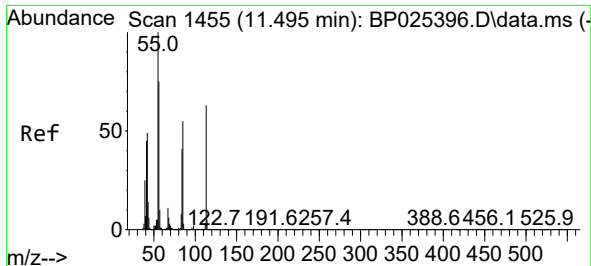
Reviewed By :Rahul Chavli 08/15/2025  
Supervised By :Jagrut Upadhyay 08/15/2025



#34  
Hexachlorobutadiene  
Concen: 42.806 ng  
RT: 10.901 min Scan# 1354  
Delta R.T. 0.000 min  
Lab File: BP025415.D  
Acq: 15 Aug 2025 05:48

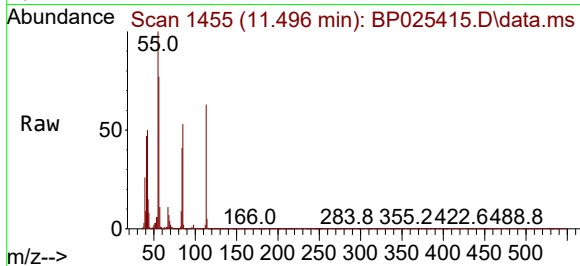
| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 225     | 100   |       |       |
| 223     | 61.5  | 50.0  | 75.0  |
| 227     | 64.3  | 49.7  | 74.5  |





#35  
Caprolactam  
Concen: 43.572 ng  
RT: 11.496 min Scan# 1455  
Delta R.T. 0.000 min  
Lab File: BP025415.D  
Acq: 15 Aug 2025 05:48

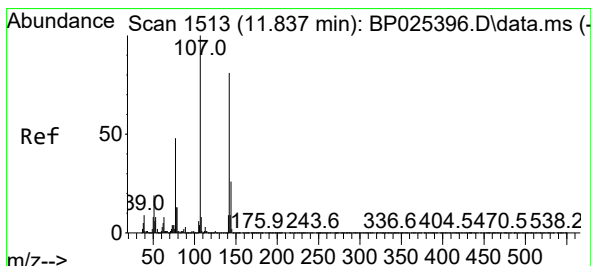
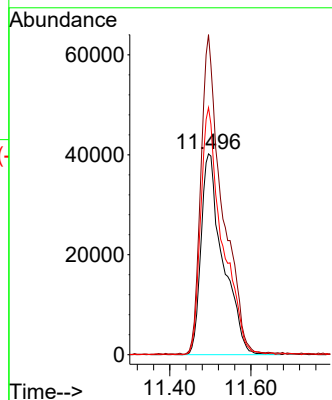
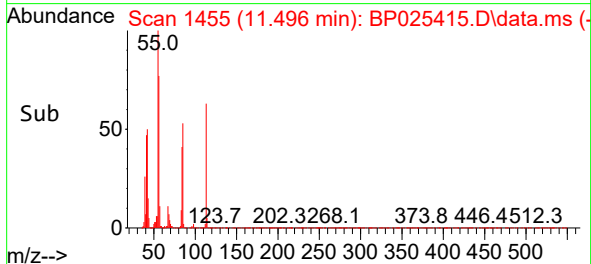
Instrument :  
BNA\_P  
ClientSampleId :  
88H-EMS



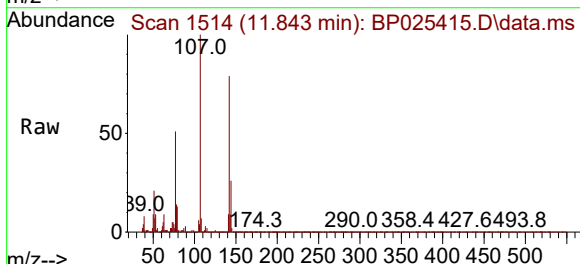
Tgt Ion:113 Resp: 149929  
Ion Ratio Lower Upper  
113 100  
55 159.4 140.0 180.0  
56 123.0 100.0 140.0

Manual Integrations  
APPROVED

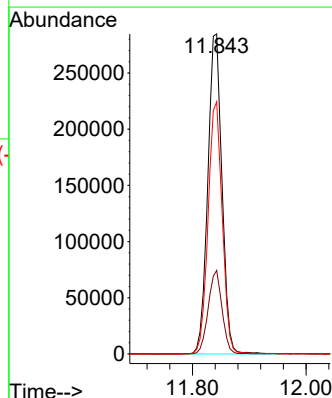
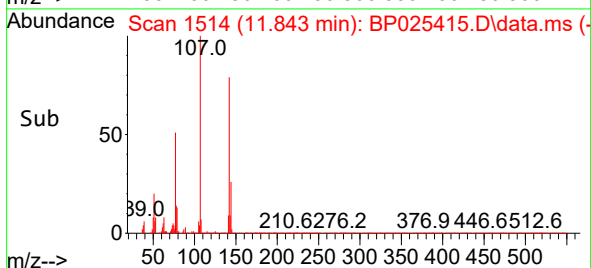
Reviewed By :Rahul Chavli 08/15/2025  
Supervised By :Jagrut Upadhyay 08/15/2025

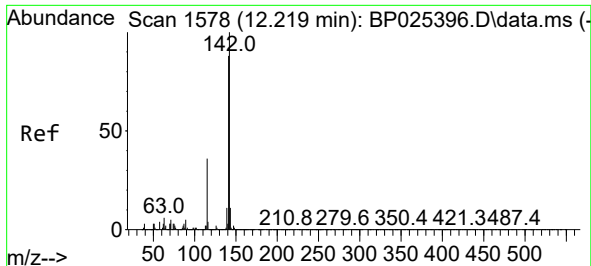


#36  
4-Chloro-3-methylphenol  
Concen: 45.638 ng  
RT: 11.843 min Scan# 1514  
Delta R.T. 0.006 min  
Lab File: BP025415.D  
Acq: 15 Aug 2025 05:48



Tgt Ion:107 Resp: 491428  
Ion Ratio Lower Upper  
107 100  
144 26.1 21.0 31.4  
142 78.8 64.6 97.0





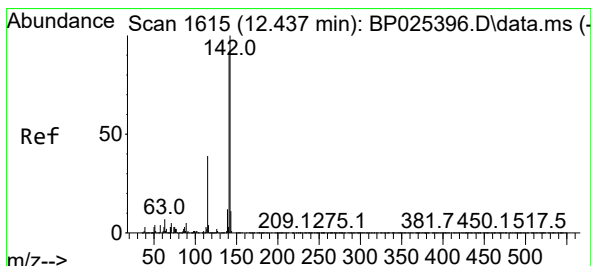
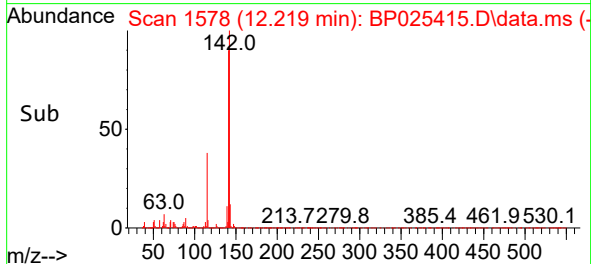
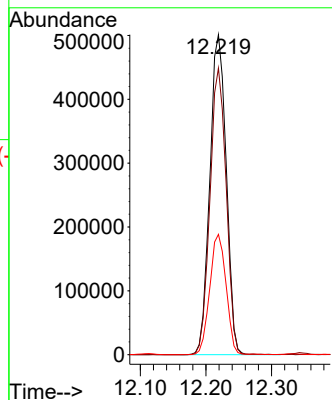
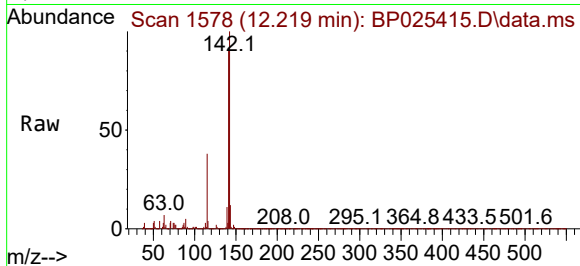
#37  
2-Methylnaphthalene  
Concen: 42.539 ng  
RT: 12.219 min Scan# 1578  
Delta R.T. 0.000 min  
Lab File: BP025415.D  
Acq: 15 Aug 2025 05:48

Instrument :  
BNA\_P  
ClientSampleId :  
88H-EMS

Tgt Ion:142 Resp: 871694  
Ion Ratio Lower Upper  
142 100  
141 89.6 70.3 105.5  
115 37.6 28.9 43.3

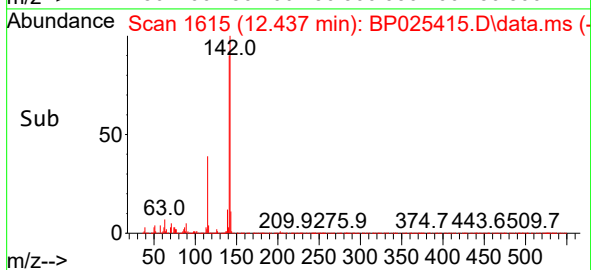
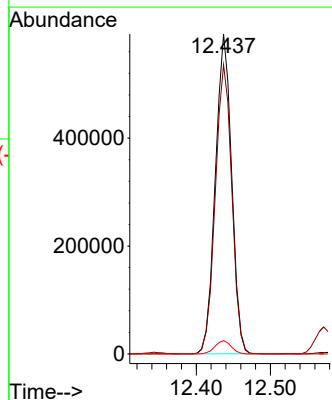
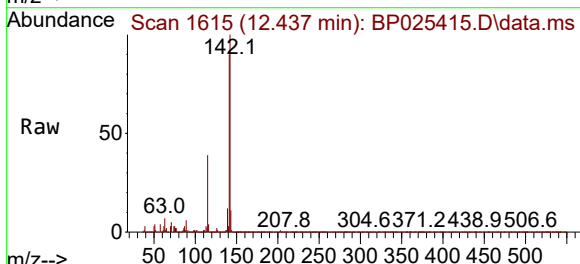
Manual Integrations  
APPROVED

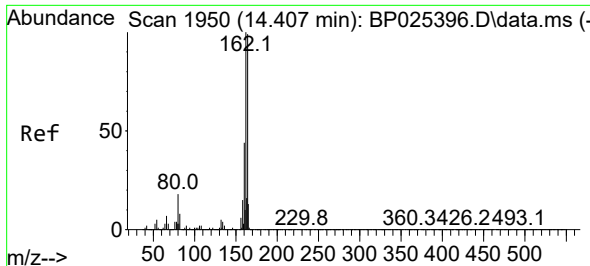
Reviewed By :Rahul Chavli 08/15/2025  
Supervised By :Jagrut Upadhyay 08/15/2025



#38  
1-Methylnaphthalene  
Concen: 41.432 ng  
RT: 12.437 min Scan# 1615  
Delta R.T. 0.000 min  
Lab File: BP025415.D  
Acq: 15 Aug 2025 05:48

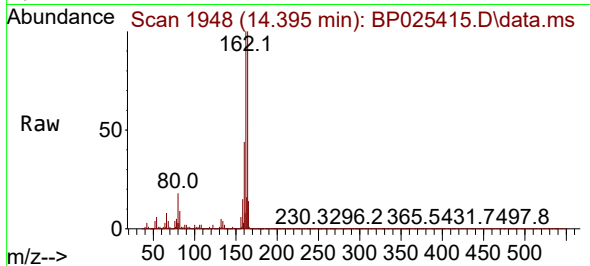
Tgt Ion:142 Resp: 902892  
Ion Ratio Lower Upper  
142 100  
141 90.4 73.1 109.7  
116 4.2 3.2 4.8





#39  
Acenaphthene-d10  
Concen: 20.000 ng  
RT: 14.395 min Scan# 1950  
Delta R.T. -0.012 min  
Lab File: BP025415.D  
Acq: 15 Aug 2025 05:48

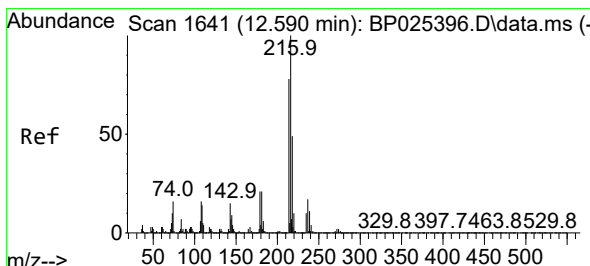
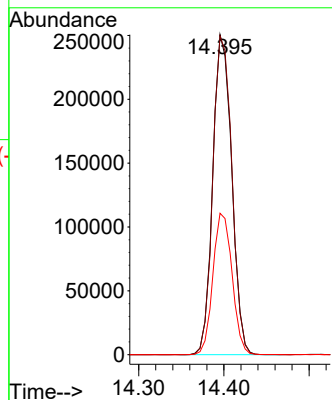
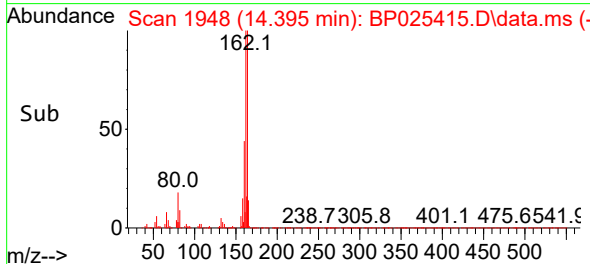
Instrument :  
BNA\_P  
ClientSampleId :  
88H-EMS



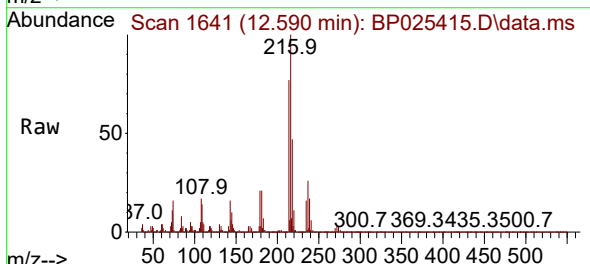
Tgt Ion:164 Resp: 386320  
Ion Ratio Lower Upper  
164 100  
162 99.6 81.0 121.6  
160 44.2 35.4 53.2

Manual Integrations  
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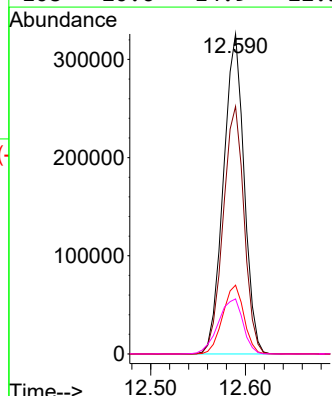
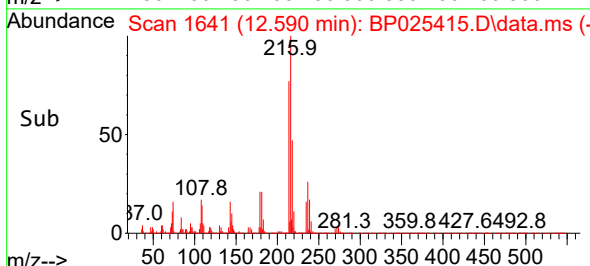
Reviewed By :Rahul Chavli 08/15/2025  
Supervised By :Jagrut Upadhyay 08/15/2025

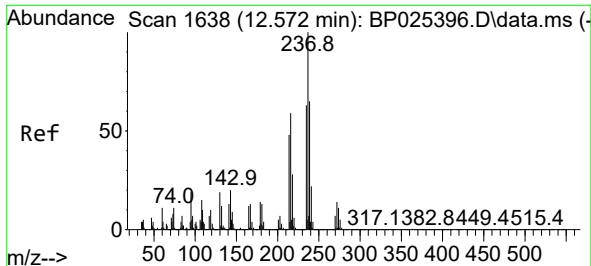


#40  
1,2,4,5-Tetrachlorobenzene  
Concen: 44.368 ng  
RT: 12.590 min Scan# 1641  
Delta R.T. 0.000 min  
Lab File: BP025415.D  
Acq: 15 Aug 2025 05:48



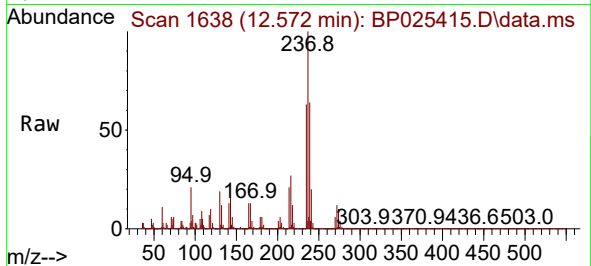
Tgt Ion:216 Resp: 495028  
Ion Ratio Lower Upper  
216 100  
214 78.2 63.0 94.4  
179 22.0 17.1 25.7  
108 20.6 14.9 22.3





#41  
Hexachlorocyclopentadiene  
Concen: 87.099 ng  
RT: 12.572 min Scan# 1638  
Delta R.T. 0.000 min  
Lab File: BP025415.D  
Acq: 15 Aug 2025 05:48

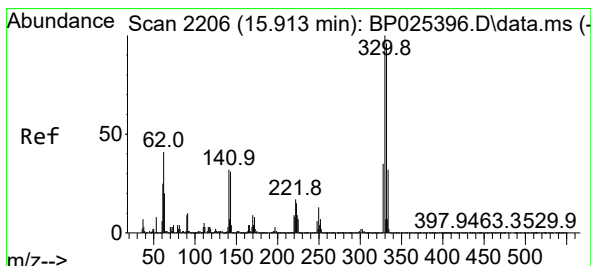
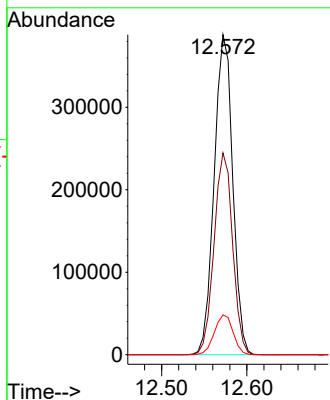
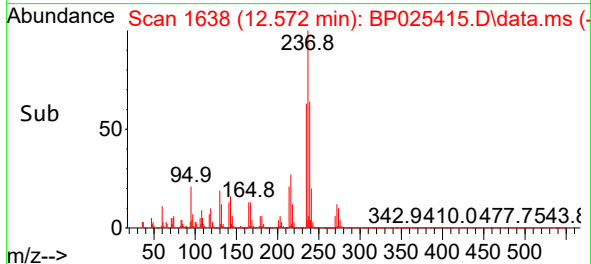
Instrument :  
BNA\_P  
ClientSampleId :  
88H-EMS



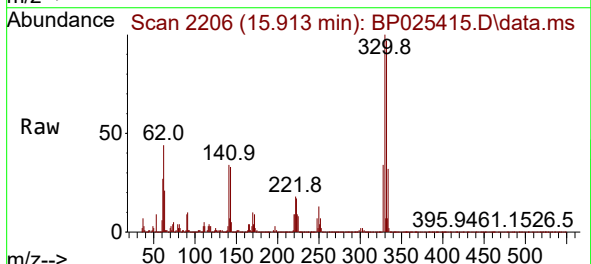
Tgt Ion: 237 Resp: 587000  
Ion Ratio Lower Upper  
237 100  
235 63.0 42.7 82.7  
272 12.4 0.0 34.0

Manual Integrations  
APPROVED

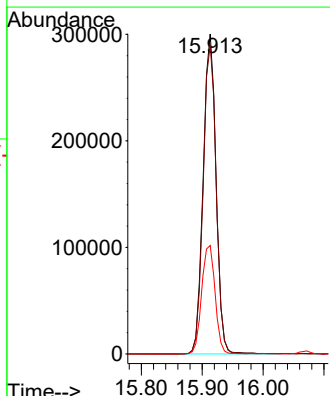
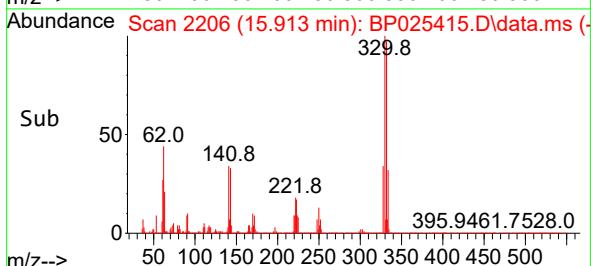
Reviewed By :Rahul Chavli 08/15/2025  
Supervised By :Jagrut Upadhyay 08/15/2025

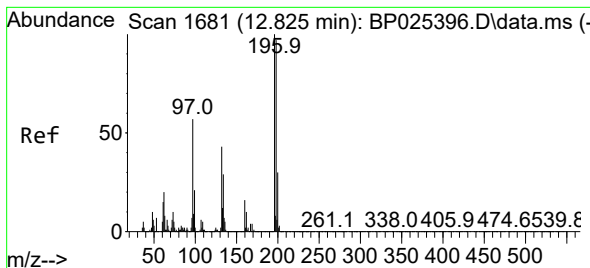


#42  
2,4,6-Tribromophenol  
Concen: 84.833 ng  
RT: 15.913 min Scan# 2206  
Delta R.T. 0.000 min  
Lab File: BP025415.D  
Acq: 15 Aug 2025 05:48



Tgt Ion: 330 Resp: 441123  
Ion Ratio Lower Upper  
330 100  
332 97.2 77.3 115.9  
141 35.4 26.6 39.8





#43

2,4,6-Trichlorophenol

Concen: 46.764 ng

RT: 12.825 min Scan# 1

Delta R.T. 0.000 min

Lab File: BP025415.D

Acq: 15 Aug 2025 05:48

Instrument :

BNA\_P

ClientSampleId :

88H-EMS

Tgt Ion:196 Resp: 352250

Ion Ratio Lower Upper

196 100

198 94.6 77.2 115.8

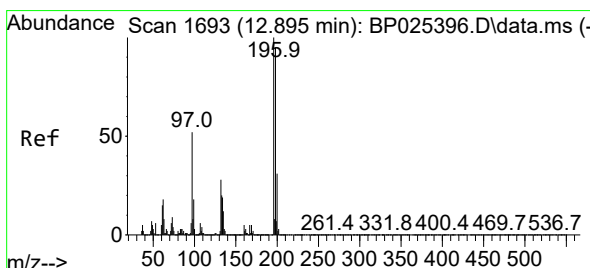
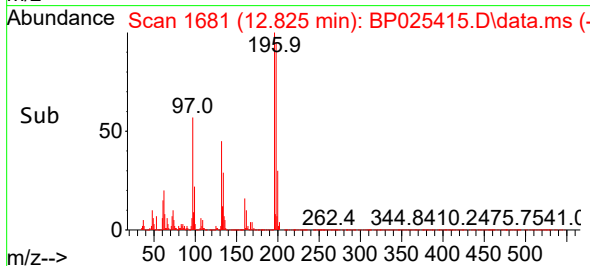
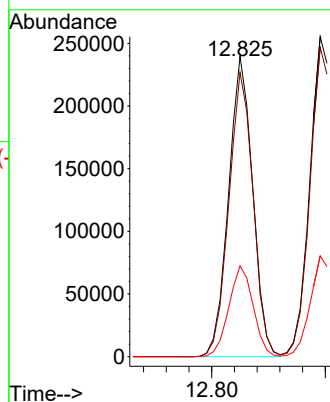
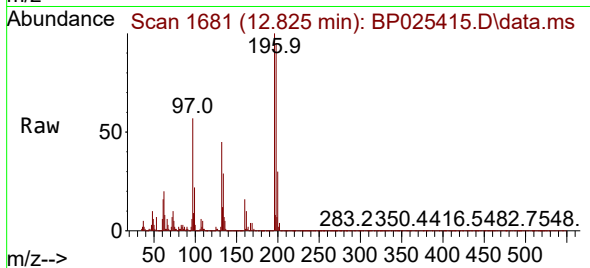
200 30.3 23.9 35.9

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 08/15/2025

Supervised By :Jagrut Upadhyay 08/15/2025



#44

2,4,5-Trichlorophenol

Concen: 47.317 ng

RT: 12.896 min Scan# 1693

Delta R.T. 0.000 min

Lab File: BP025415.D

Acq: 15 Aug 2025 05:48

Tgt Ion:196 Resp: 390615

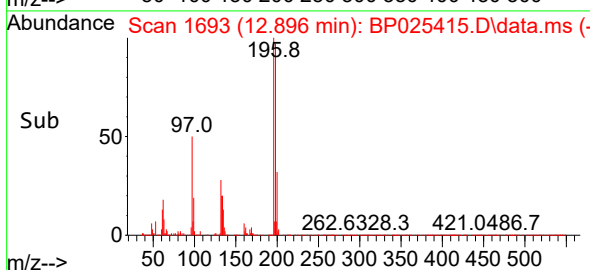
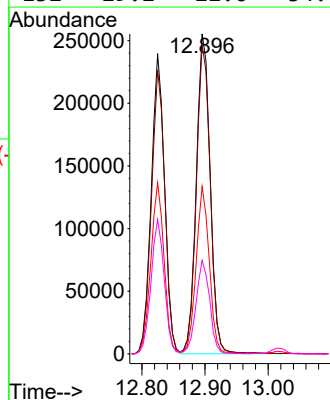
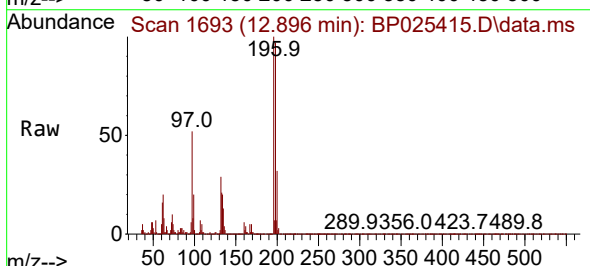
Ion Ratio Lower Upper

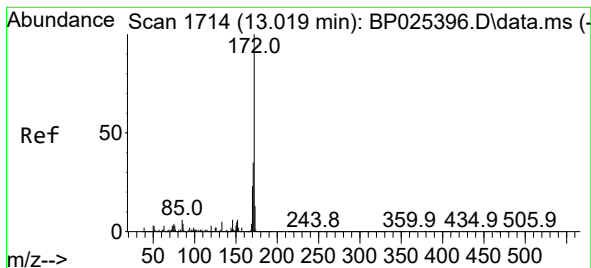
196 100

198 96.7 76.2 114.2

97 52.3 41.2 61.8

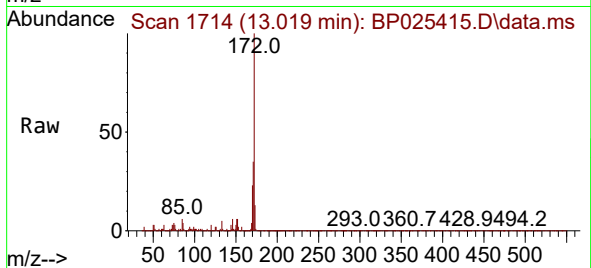
132 29.2 22.6 34.0





#45  
2-Fluorobiphenyl  
Concen: 49.758 ng  
RT: 13.019 min Scan# 1714  
Delta R.T. 0.000 min  
Lab File: BP025415.D  
Acq: 15 Aug 2025 05:48

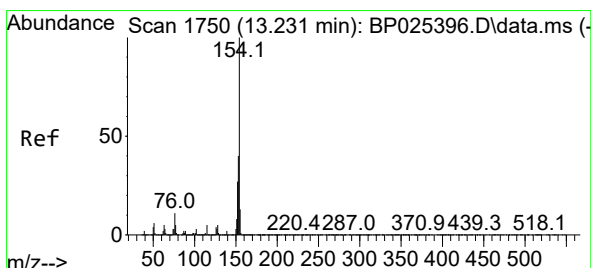
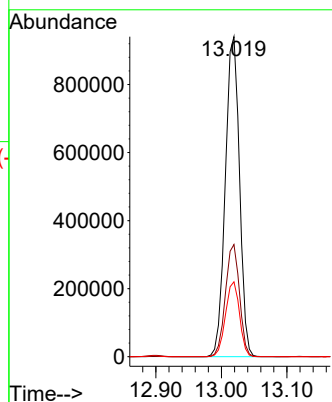
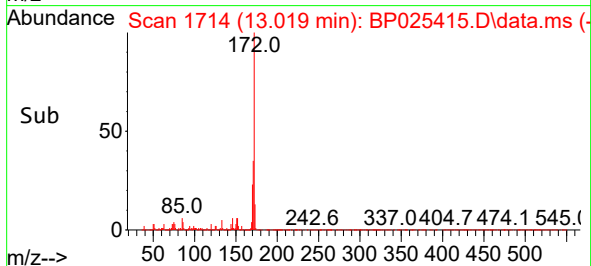
Instrument :  
BNA\_P  
ClientSampleId :  
88H-EMS



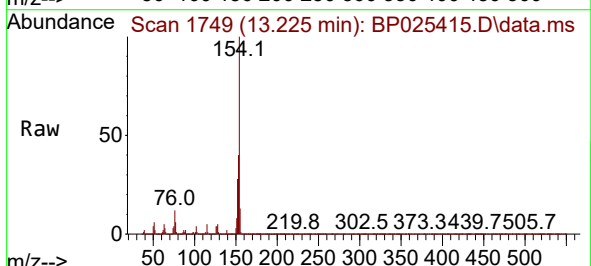
Tgt Ion:172 Resp: 1406520  
Ion Ratio Lower Upper  
172 100  
171 35.1 28.1 42.1  
170 23.4 18.6 28.0

Manual Integrations  
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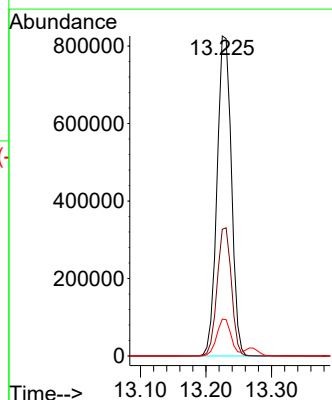
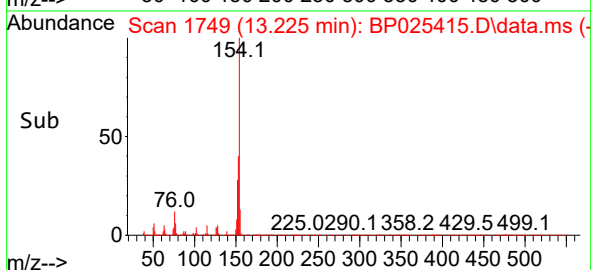
Reviewed By :Rahul Chavli 08/15/2025  
Supervised By :Jagrut Upadhyay 08/15/2025

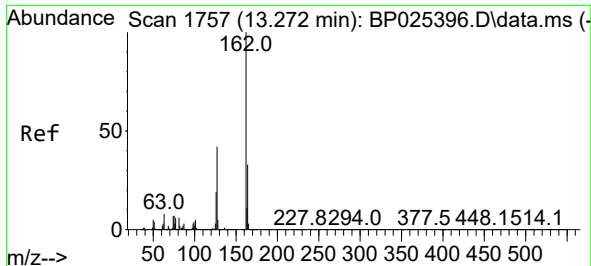


#46  
1,1'-Biphenyl  
Concen: 44.583 ng  
RT: 13.225 min Scan# 1749  
Delta R.T. -0.006 min  
Lab File: BP025415.D  
Acq: 15 Aug 2025 05:48



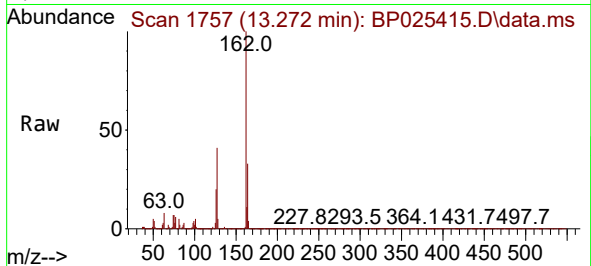
Tgt Ion:154 Resp: 1250868  
Ion Ratio Lower Upper  
154 100  
153 39.6 19.5 59.5  
76 11.5 0.0 31.1





#47  
2-Chloronaphthalene  
Concen: 44.103 ng  
RT: 13.272 min Scan# 1757  
Delta R.T. 0.000 min  
Lab File: BP025415.D  
Acq: 15 Aug 2025 05:48

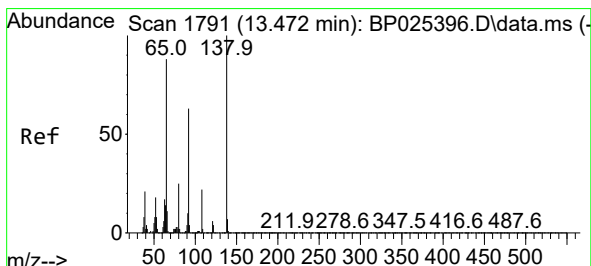
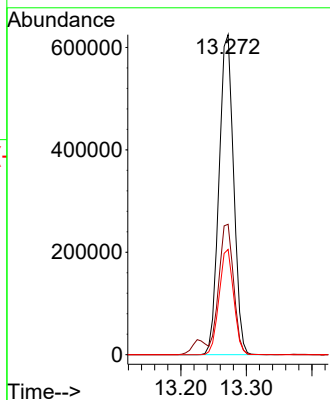
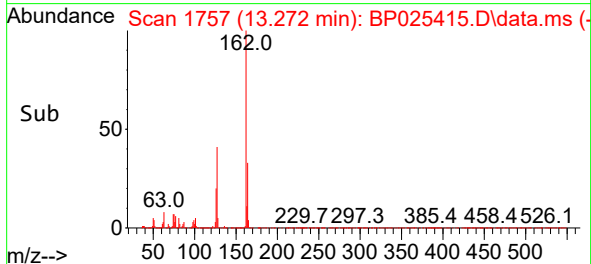
Instrument :  
BNA\_P  
ClientSampleId :  
88H-EMS



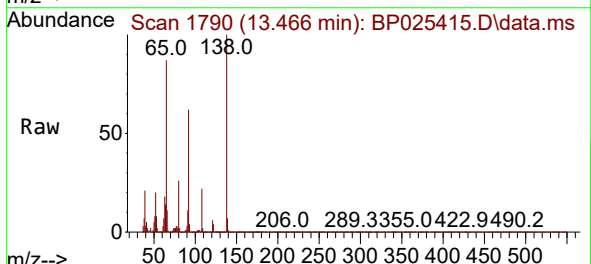
Tgt Ion:162 Resp: 963302  
Ion Ratio Lower Upper  
162 100  
127 40.8 33.4 50.2  
164 32.9 26.2 39.2

Manual Integrations  
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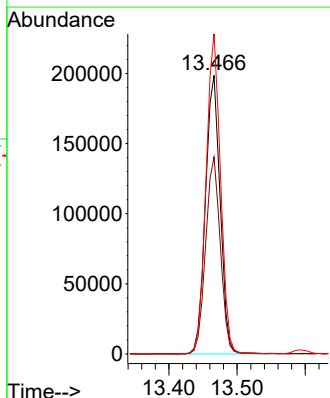
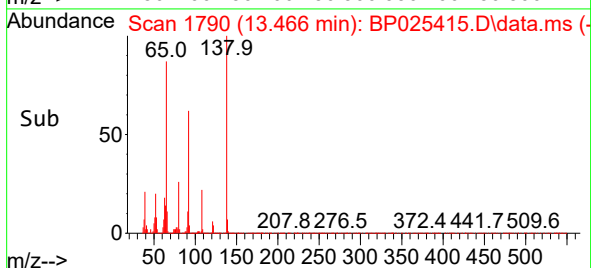
Reviewed By :Rahul Chavli 08/15/2025  
Supervised By :Jagrut Upadhyay 08/15/2025

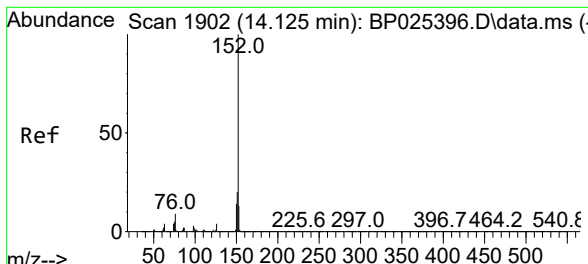


#48  
2-Nitroaniline  
Concen: 46.787 ng  
RT: 13.466 min Scan# 1790  
Delta R.T. -0.006 min  
Lab File: BP025415.D  
Acq: 15 Aug 2025 05:48



Tgt Ion: 65 Resp: 297760  
Ion Ratio Lower Upper  
65 100  
92 70.7 57.6 86.4  
138 114.9 91.0 136.6





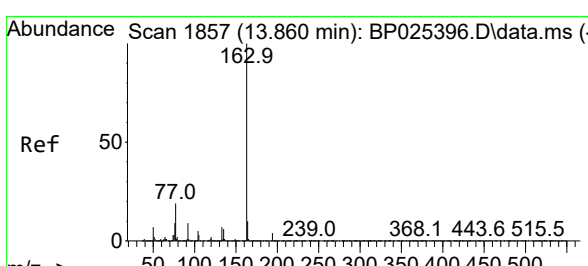
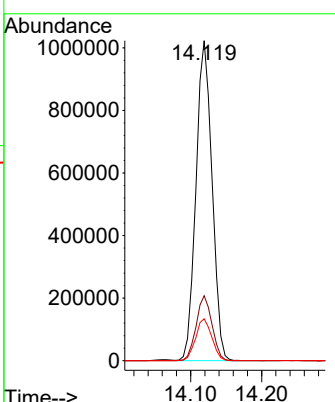
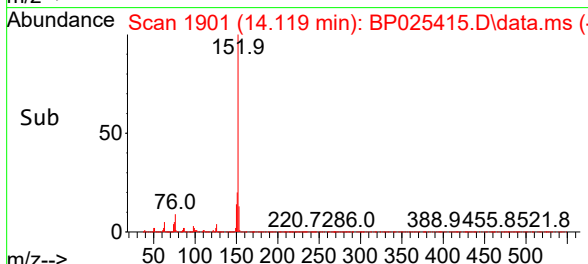
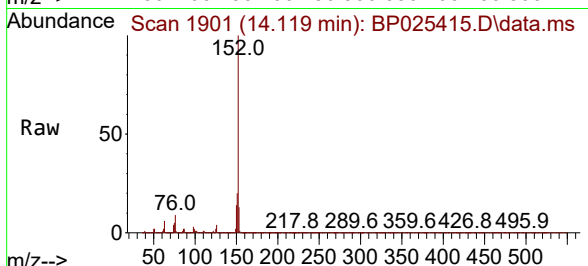
#49  
 Acenaphthylene  
 Concen: 44.601 ng  
 RT: 14.119 min Scan# 1901  
 Delta R.T. -0.006 min  
 Lab File: BP025415.D  
 Acq: 15 Aug 2025 05:48

Instrument : BNA\_P  
 ClientSampleId : 88H-EMS

Tgt Ion:152 Resp: 161199

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 152 | 100   |       |       |
| 151 | 20.3  | 16.0  | 24.0  |
| 153 | 13.1  | 10.6  | 15.8  |

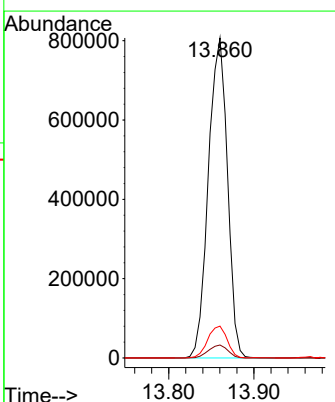
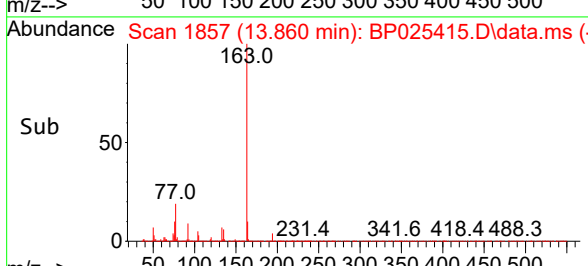
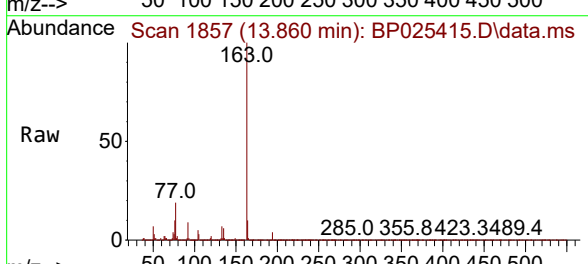
Manual Integrations  
**APPROVED**  
 Reviewed By :Rahul Chavli 08/15/2025  
 Supervised By :Jagrut Upadhyay 08/15/2025

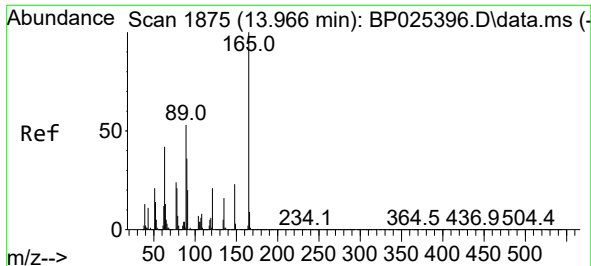


#50  
 Dimethylphthalate  
 Concen: 44.335 ng  
 RT: 13.860 min Scan# 1857  
 Delta R.T. 0.000 min  
 Lab File: BP025415.D  
 Acq: 15 Aug 2025 05:48

Tgt Ion:163 Resp: 1254219

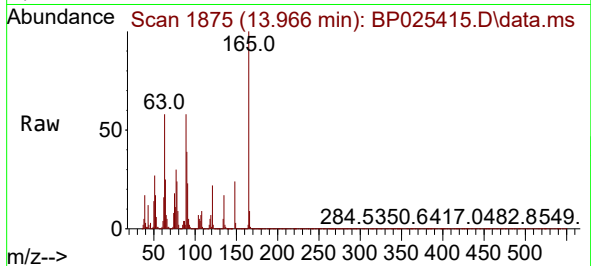
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 163 | 100   |       |       |
| 194 | 4.1   | 3.4   | 5.0   |
| 164 | 9.9   | 7.9   | 11.9  |





#51  
2,6-Dinitrotoluene  
Concen: 45.226 ng  
RT: 13.966 min Scan# 1875  
Delta R.T. 0.000 min  
Lab File: BP025415.D  
Acq: 15 Aug 2025 05:48

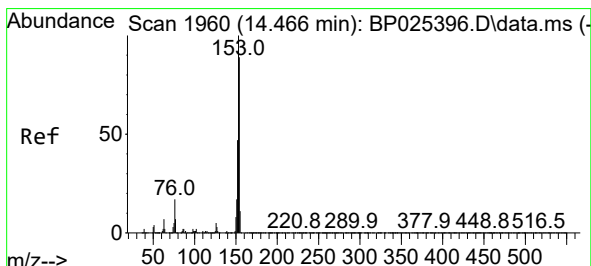
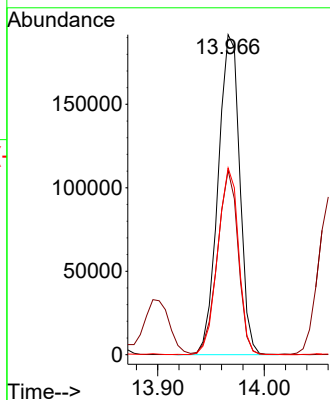
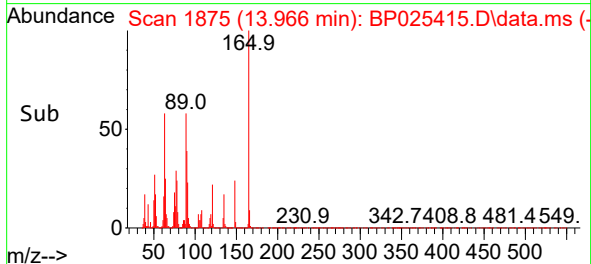
Instrument :  
BNA\_P  
ClientSampleId :  
88H-EMS



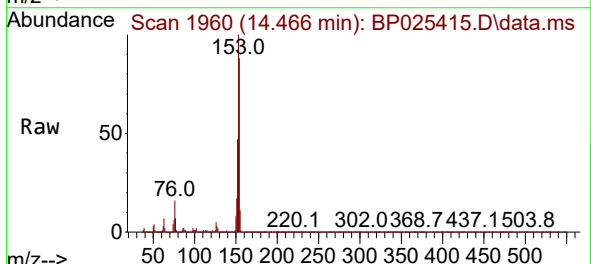
Tgt Ion:165 Resp: 269670  
Ion Ratio Lower Upper  
165 100  
63 57.6 40.9 61.3  
89 58.4 42.1 63.1

Manual Integrations  
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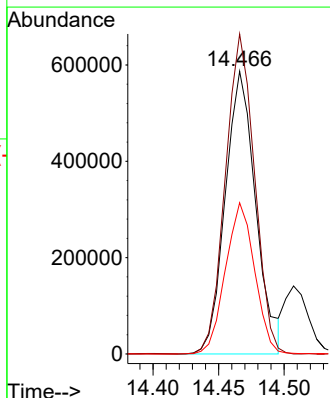
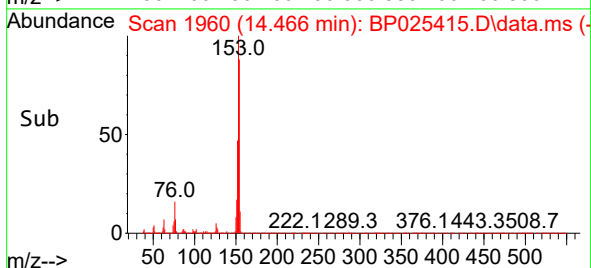
Reviewed By :Rahul Chavli 08/15/2025  
Supervised By :Jagrut Upadhyay 08/15/2025

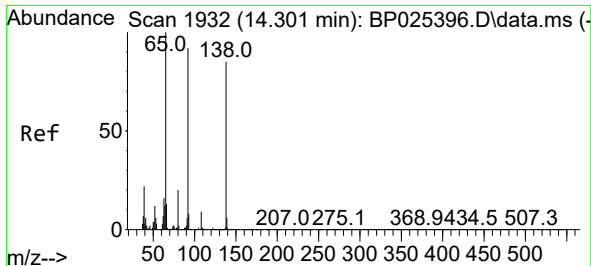


#52  
Acenaphthene  
Concen: 44.752 ng  
RT: 14.466 min Scan# 1960  
Delta R.T. 0.000 min  
Lab File: BP025415.D  
Acq: 15 Aug 2025 05:48



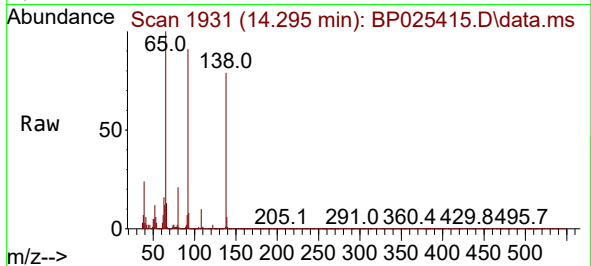
Tgt Ion:154 Resp: 949405  
Ion Ratio Lower Upper  
154 100  
153 113.2 90.2 135.2  
152 53.5 42.1 63.1





#53  
3-Nitroaniline  
Concen: 29.801 ng  
RT: 14.295 min Scan# 1932  
Delta R.T. -0.006 min  
Lab File: BP025415.D  
Acq: 15 Aug 2025 05:48

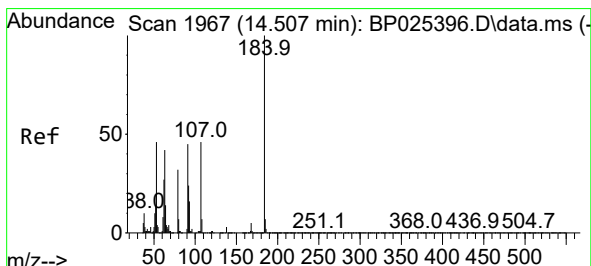
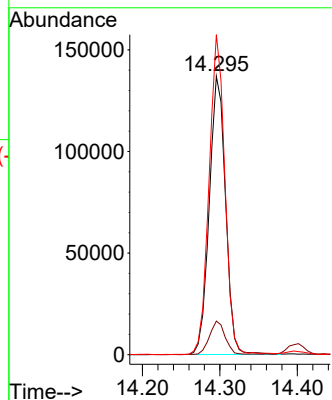
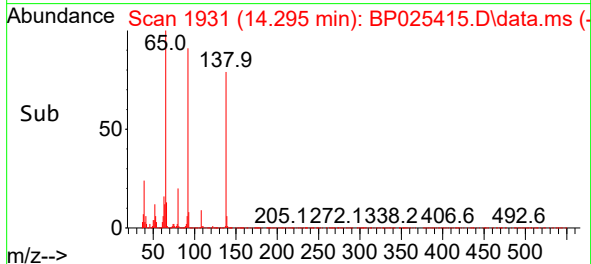
Instrument :  
BNA\_P  
ClientSampleId :  
88H-EMS



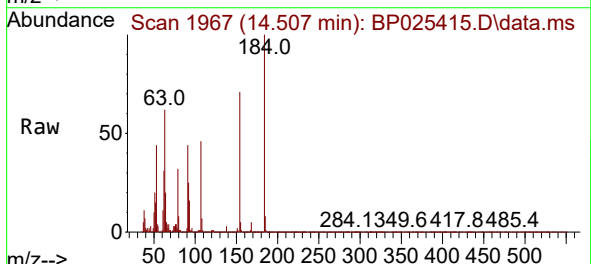
Tgt Ion:138 Resp: 199924  
Ion Ratio Lower Upper  
138 100  
108 12.1 8.3 12.5  
92 114.9 86.2 129.2

Manual Integrations  
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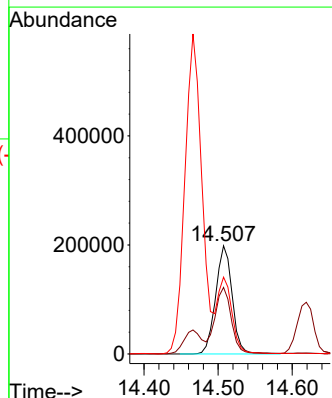
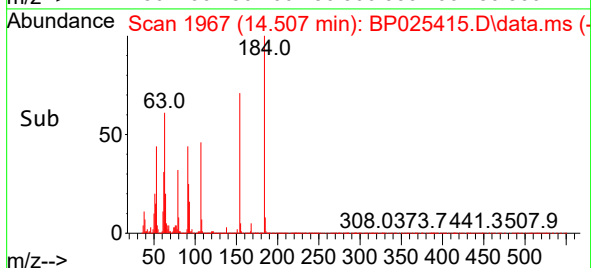
Reviewed By :Rahul Chavli 08/15/2025  
Supervised By :Jagrut Upadhyay 08/15/2025

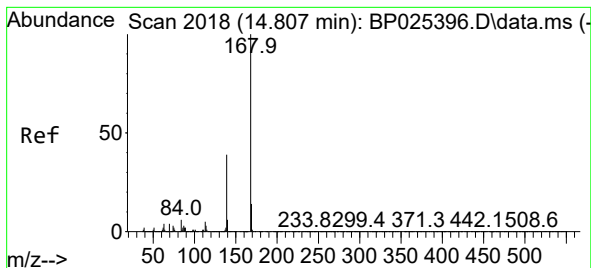


#54  
2,4-Dinitrophenol  
Concen: 96.691 ng  
RT: 14.507 min Scan# 1967  
Delta R.T. 0.000 min  
Lab File: BP025415.D  
Acq: 15 Aug 2025 05:48



Tgt Ion:184 Resp: 307887  
Ion Ratio Lower Upper  
184 100  
63 61.6 49.4 74.2  
154 71.1 54.6 82.0





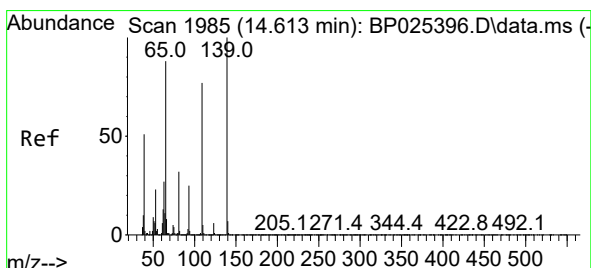
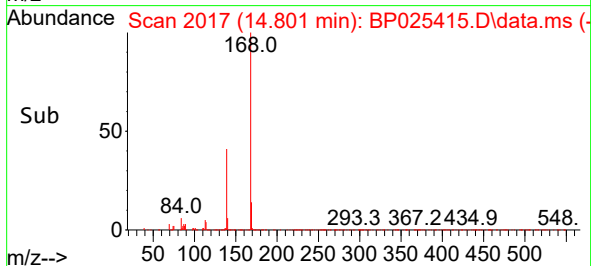
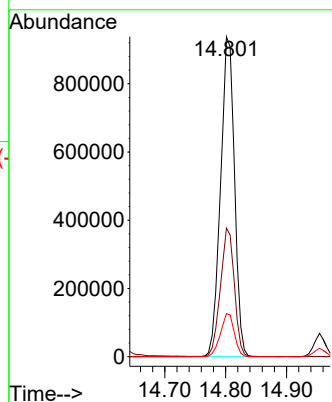
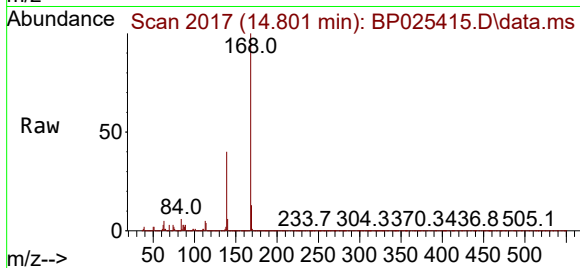
#55  
Dibenzenofuran  
Concen: 44.417 ng  
RT: 14.801 min Scan# 2018  
Delta R.T. -0.006 min  
Lab File: BP025415.D  
Acq: 15 Aug 2025 05:48

Instrument :  
BNA\_P  
ClientSampleId :  
88H-EMS

Tgt Ion:168 Resp: 1489789  
Ion Ratio Lower Upper  
168 100  
139 40.2 31.5 47.3  
169 13.5 10.9 16.3

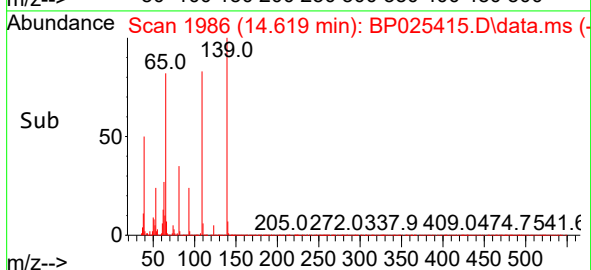
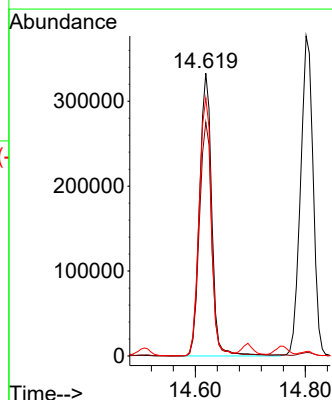
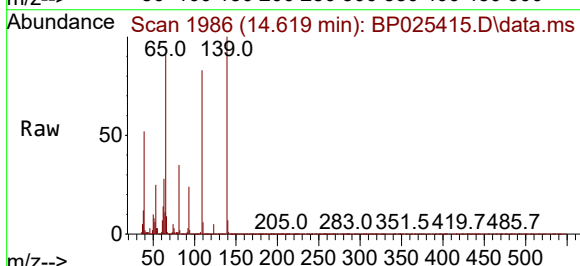
Manual Integrations  
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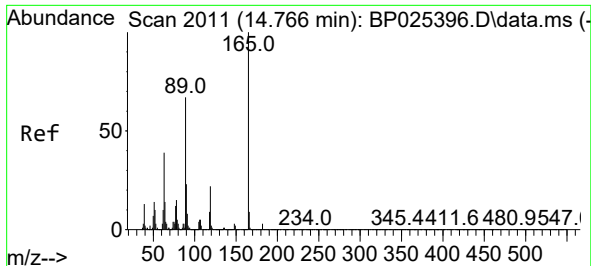
Reviewed By :Rahul Chavli 08/15/2025  
Supervised By :Jagrut Upadhyay 08/15/2025



#56  
4-Nitrophenol  
Concen: 93.200 ng  
RT: 14.619 min Scan# 1986  
Delta R.T. 0.006 min  
Lab File: BP025415.D  
Acq: 15 Aug 2025 05:48

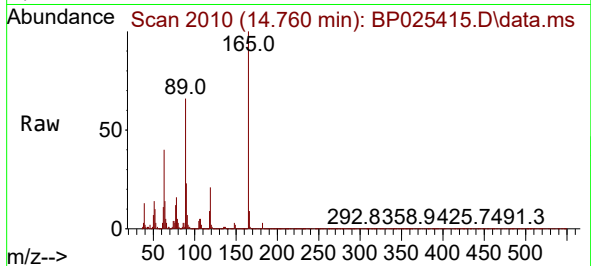
Tgt Ion:139 Resp: 513780  
Ion Ratio Lower Upper  
139 100  
109 82.7 56.6 96.6  
65 91.3 68.2 108.2





#57  
2,4-Dinitrotoluene  
Concen: 47.011 ng  
RT: 14.760 min Scan# 2011  
Delta R.T. -0.006 min  
Lab File: BP025415.D  
Acq: 15 Aug 2025 05:48

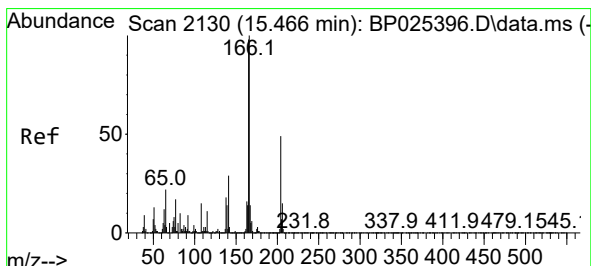
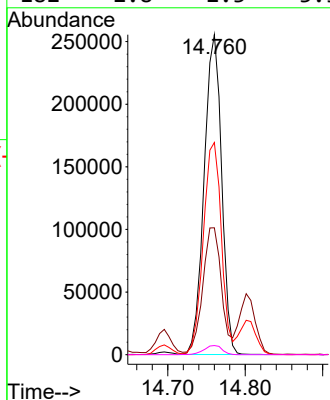
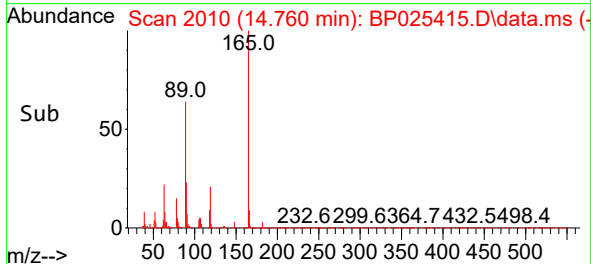
Instrument :  
BNA\_P  
ClientSampleId :  
88H-EMS



Tgt Ion:165 Resp: 399930  
Ion Ratio Lower Upper  
165 100  
63 39.7 31.4 47.2  
89 66.3 53.3 79.9  
182 2.8 2.3 3.5

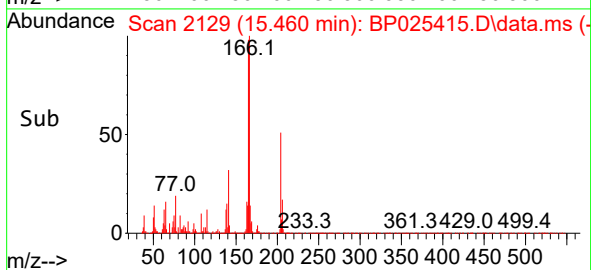
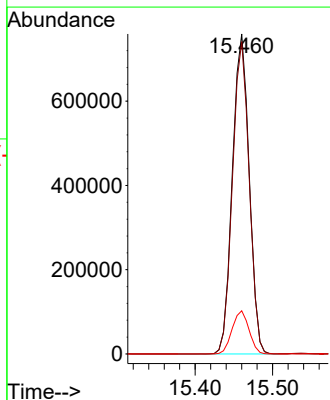
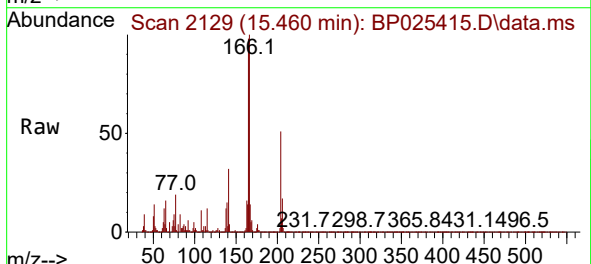
Manual Integrations  
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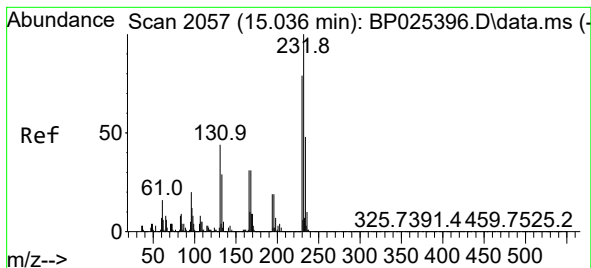
Reviewed By :Rahul Chavli 08/15/2025  
Supervised By :Jagrut Upadhyay 08/15/2025



#58  
Fluorene  
Concen: 43.175 ng  
RT: 15.460 min Scan# 2129  
Delta R.T. -0.006 min  
Lab File: BP025415.D  
Acq: 15 Aug 2025 05:48

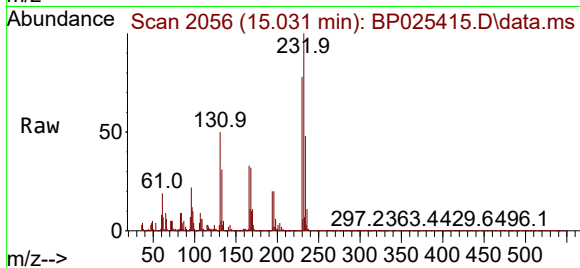
Tgt Ion:166 Resp: 1142677  
Ion Ratio Lower Upper  
166 100  
165 97.6 78.8 118.2  
167 13.5 11.0 16.4





#59  
2,3,4,6-Tetrachlorophenol  
Concen: 45.866 ng  
RT: 15.031 min Scan# 2056  
Delta R.T. -0.006 min  
Lab File: BP025415.D  
Acq: 15 Aug 2025 05:48

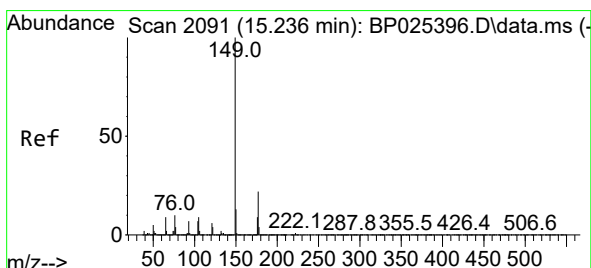
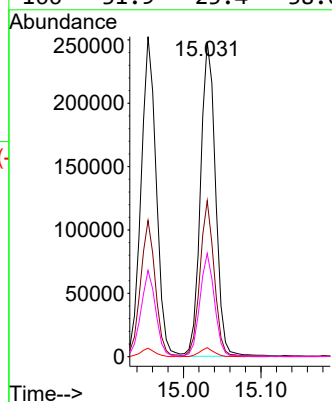
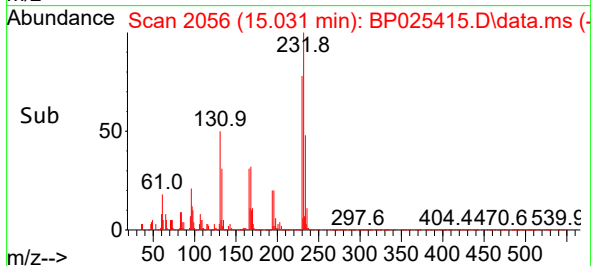
Instrument :  
BNA\_P  
ClientSampleId :  
88H-EMS



Tgt Ion:232 Resp: 334331  
Ion Ratio Lower Upper  
232 100  
131 47.0 37.0 55.6  
130 2.7 1.9 2.9  
166 31.9 25.4 38.0

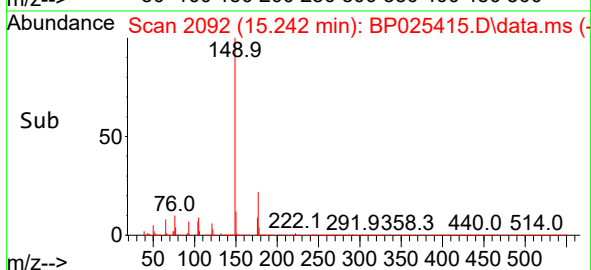
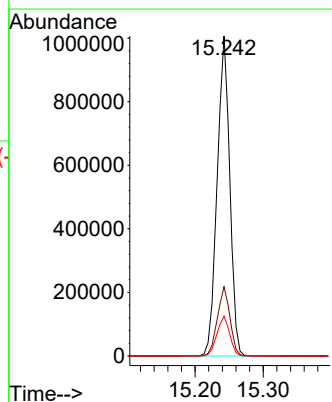
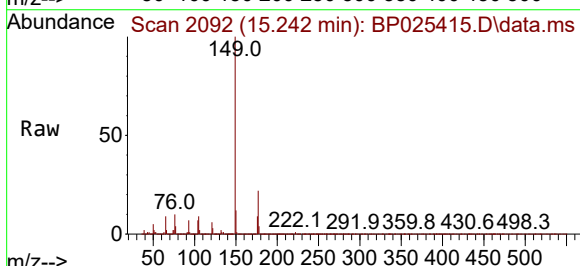
Manual Integrations  
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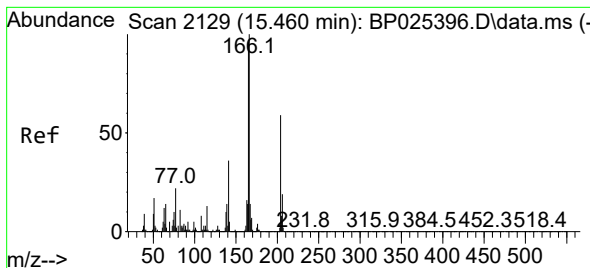
Reviewed By :Rahul Chavli 08/15/2025  
Supervised By :Jagrut Upadhyay 08/15/2025



#60  
Diethylphthalate  
Concen: 44.982 ng  
RT: 15.242 min Scan# 2092  
Delta R.T. 0.006 min  
Lab File: BP025415.D  
Acq: 15 Aug 2025 05:48

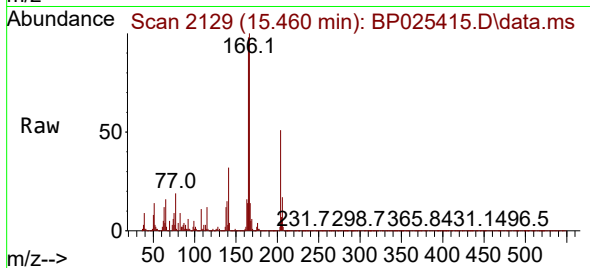
Tgt Ion:149 Resp: 1293019  
Ion Ratio Lower Upper  
149 100  
177 21.6 17.3 25.9  
150 12.4 10.3 15.5





#61  
4-Chlorophenyl-phenylether  
Concen: 42.468 ng  
RT: 15.460 min Scan# 2129  
Delta R.T. 0.000 min  
Lab File: BP025415.D  
Acq: 15 Aug 2025 05:48

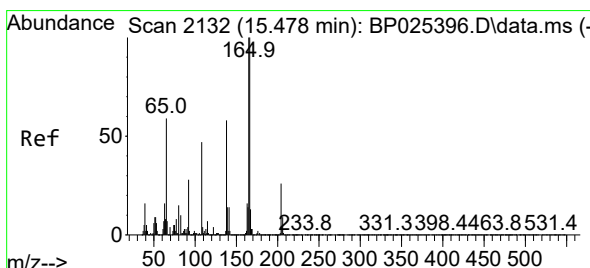
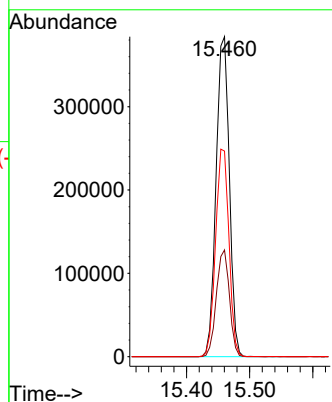
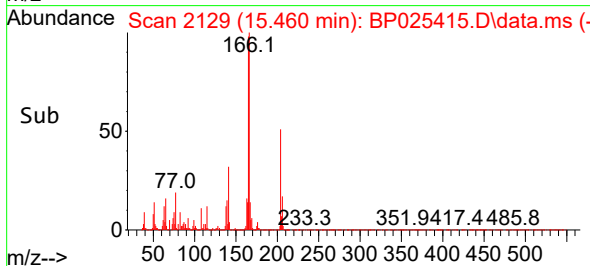
Instrument :  
BNA\_P  
ClientSampleId :  
88H-EMS



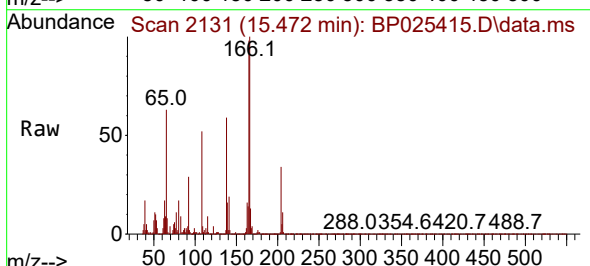
Tgt Ion:204 Resp: 558984  
Ion Ratio Lower Upper  
204 100  
206 33.3 25.8 38.8  
141 64.3 49.4 74.2

Manual Integrations  
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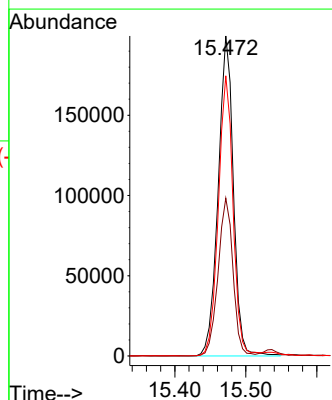
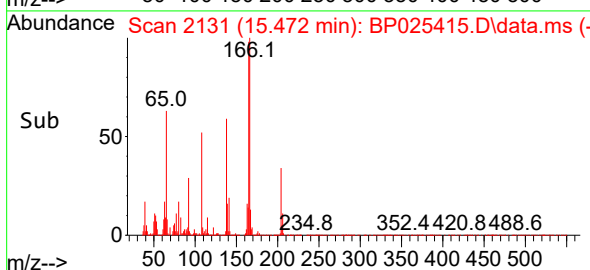
Reviewed By :Rahul Chavli 08/15/2025  
Supervised By :Jagrut Upadhyay 08/15/2025

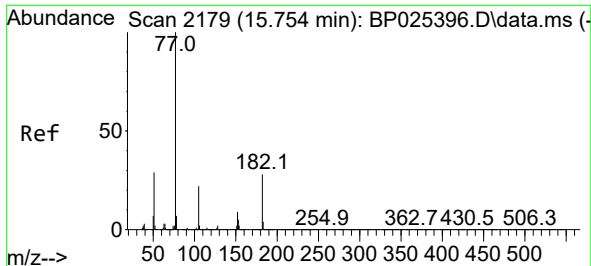


#62  
4-Nitroaniline  
Concen: 43.007 ng  
RT: 15.472 min Scan# 2131  
Delta R.T. -0.006 min  
Lab File: BP025415.D  
Acq: 15 Aug 2025 05:48



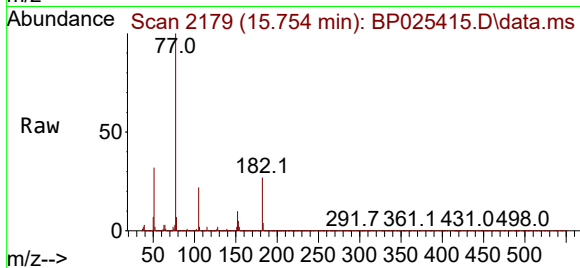
Tgt Ion:138 Resp: 295780  
Ion Ratio Lower Upper  
138 100  
92 49.3 29.1 69.1  
108 87.5 61.5 101.5





#63  
Azobenzene  
Concen: 48.126 ng  
RT: 15.754 min Scan# 2179  
Delta R.T. 0.000 min  
Lab File: BP025415.D  
Acq: 15 Aug 2025 05:48

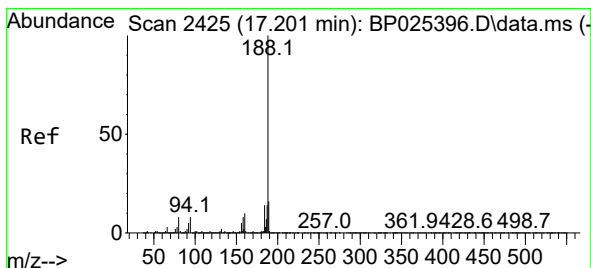
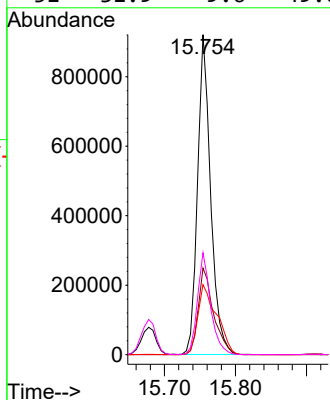
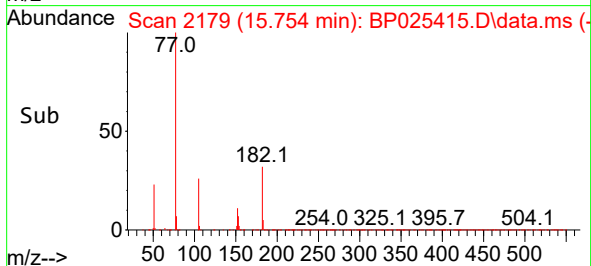
Instrument :  
BNA\_P  
ClientSampleId :  
88H-EMS



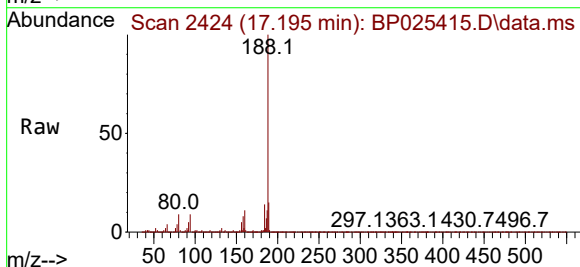
Tgt Ion: 77 Resp: 1184564  
Ion Ratio Lower Upper  
77 100  
182 27.0 7.5 47.5  
105 21.9 2.1 42.1  
51 31.9 9.6 49.6

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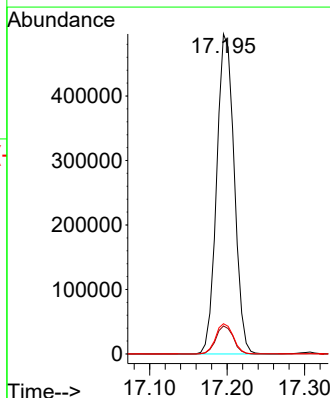
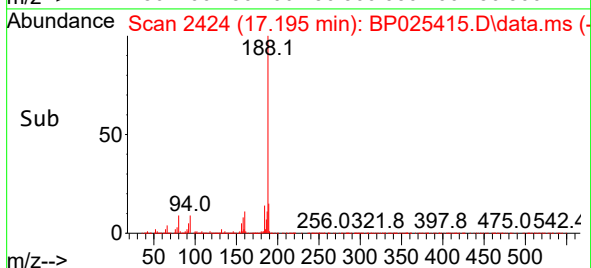
Reviewed By :Rahul Chavli 08/15/2025  
Supervised By :Jagrut Upadhyay 08/15/2025

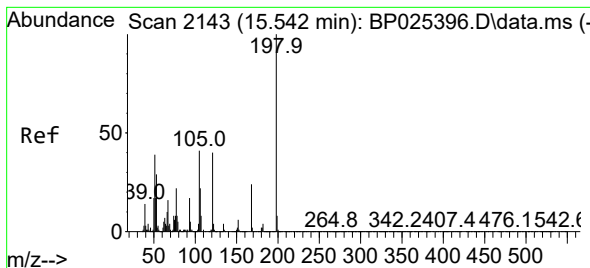


#64  
Phenanthrene-d10  
Concen: 20.000 ng  
RT: 17.195 min Scan# 2424  
Delta R.T. -0.006 min  
Lab File: BP025415.D  
Acq: 15 Aug 2025 05:48



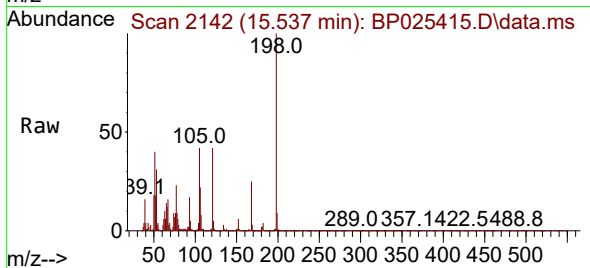
Tgt Ion:188 Resp: 780287  
Ion Ratio Lower Upper  
188 100  
94 8.8 6.6 10.0  
80 9.5 6.7 10.1





#65  
4,6-Dinitro-2-methylphenol  
Concen: 45.637 ng  
RT: 15.537 min Scan# 2143  
Delta R.T. -0.006 min  
Lab File: BP025415.D  
Acq: 15 Aug 2025 05:48

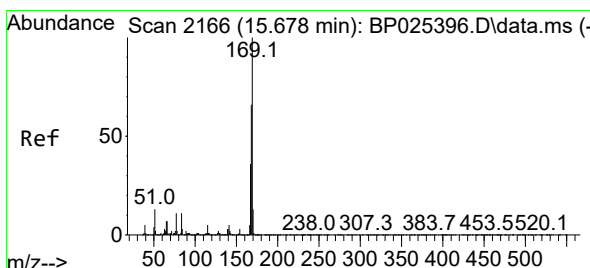
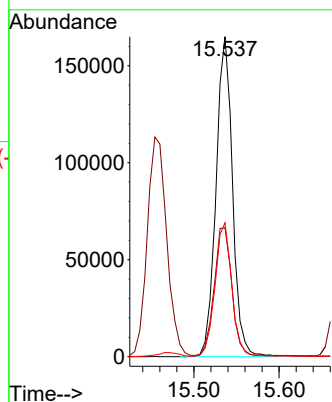
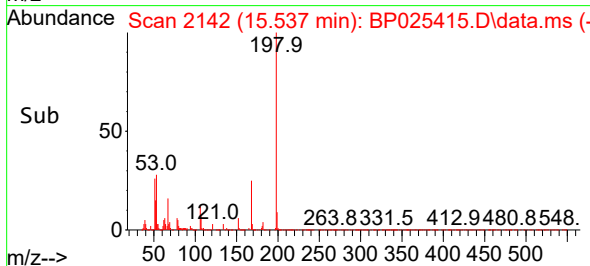
Instrument :  
BNA\_P  
ClientSampleId :  
88H-EMS



Tgt Ion:198 Resp: 22197  
Ion Ratio Lower Upper  
198 100  
51 40.3 19.6 59.6  
105 41.9 20.9 60.9

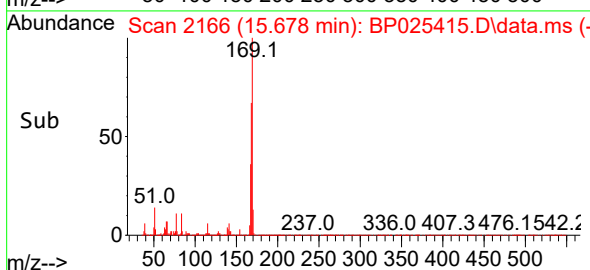
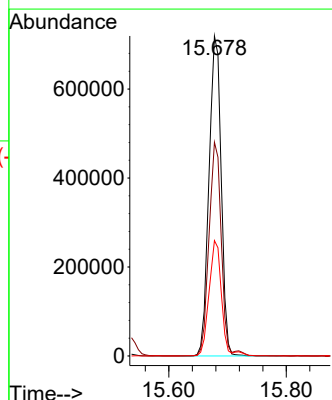
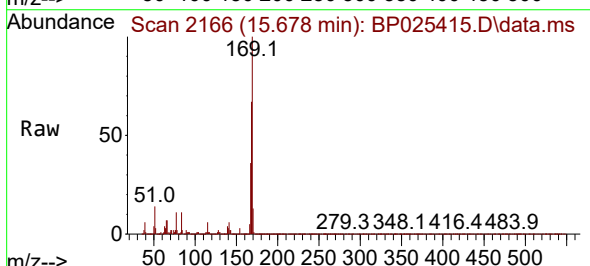
Manual Integrations  
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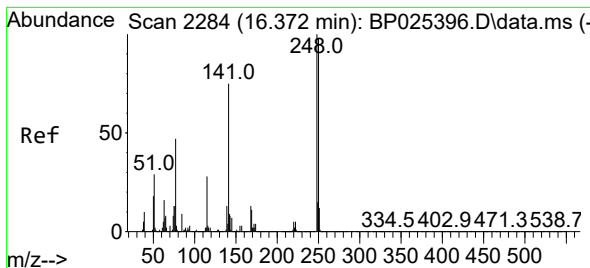
Reviewed By :Rahul Chavli 08/15/2025  
Supervised By :Jagrut Upadhyay 08/15/2025



#66  
n-Nitrosodiphenylamine  
Concen: 43.502 ng  
RT: 15.678 min Scan# 2166  
Delta R.T. 0.000 min  
Lab File: BP025415.D  
Acq: 15 Aug 2025 05:48

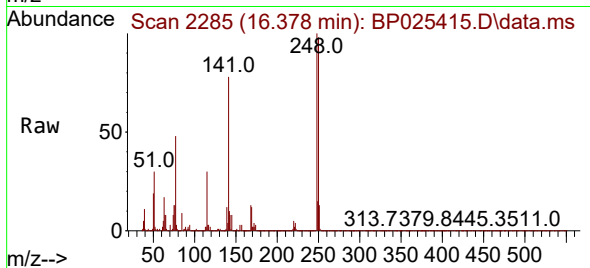
Tgt Ion:169 Resp: 1035094  
Ion Ratio Lower Upper  
169 100  
168 66.8 53.2 79.8  
167 36.1 28.7 43.1





#67  
4-Bromophenyl-phenylether  
Concen: 43.613 ng  
RT: 16.378 min Scan# 2284  
Delta R.T. 0.006 min  
Lab File: BP025415.D  
Acq: 15 Aug 2025 05:48

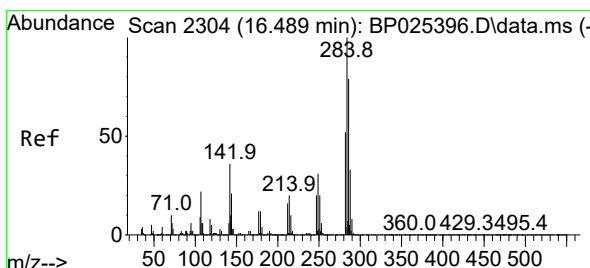
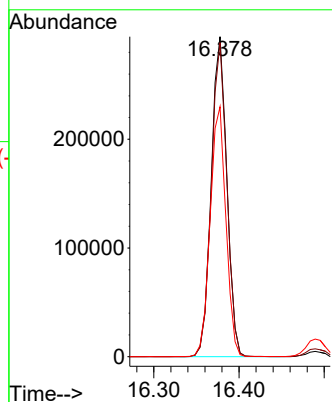
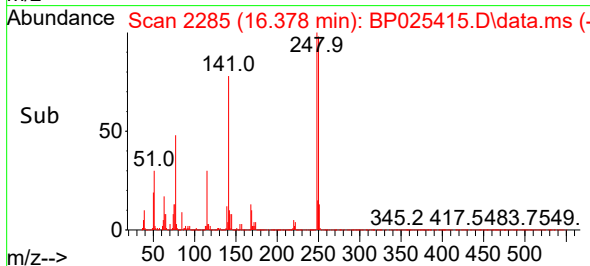
Instrument :  
BNA\_P  
ClientSampleId :  
88H-EMS



Tgt Ion:248 Resp: 374274  
Ion Ratio Lower Upper  
248 100  
250 98.2 78.2 117.2  
141 78.1 59.6 89.4

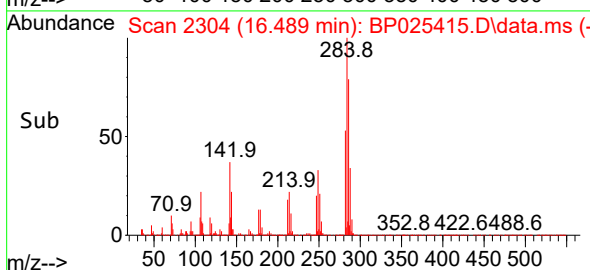
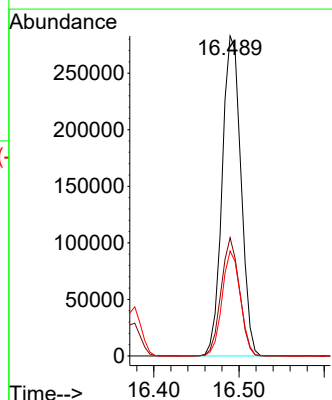
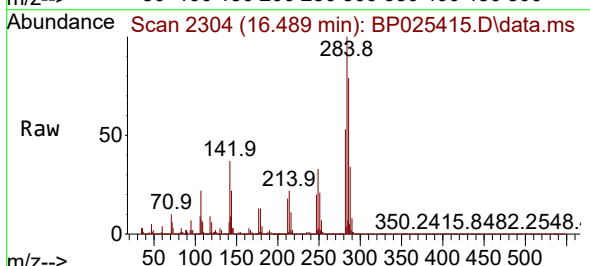
Manual Integrations  
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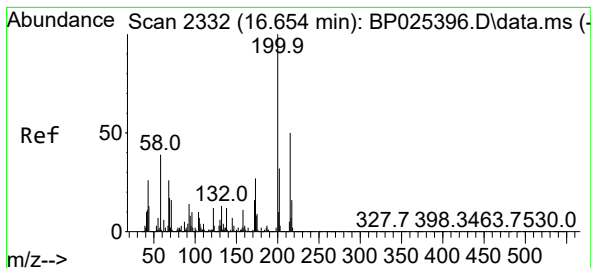
Reviewed By :Rahul Chavli 08/15/2025  
Supervised By :Jagrut Upadhyay 08/15/2025



#68  
Hexachlorobenzene  
Concen: 43.489 ng  
RT: 16.489 min Scan# 2304  
Delta R.T. 0.000 min  
Lab File: BP025415.D  
Acq: 15 Aug 2025 05:48

Tgt Ion:284 Resp: 432625  
Ion Ratio Lower Upper  
284 100  
142 37.0 29.1 43.7  
249 32.8 25.0 37.4





#69

Atrazine

Concen: 44.758 ng

RT: 16.654 min Scan# 21

Delta R.T. 0.000 min

Lab File: BP025415.D

Acq: 15 Aug 2025 05:48

Instrument :

BNA\_P

ClientSampleId :

88H-EMS

Tgt Ion:200 Resp: 398840

Ion Ratio Lower Upper

200 100

173 27.2 6.7 46.7

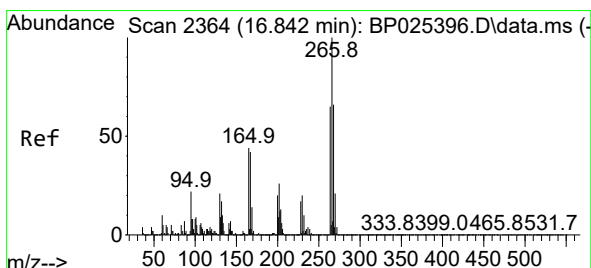
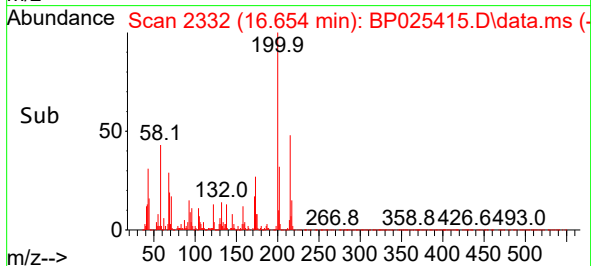
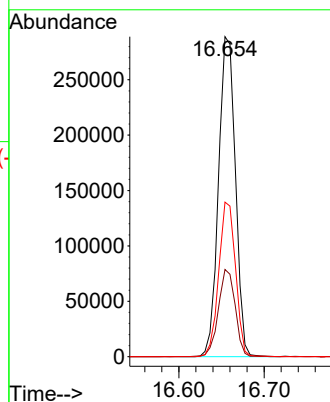
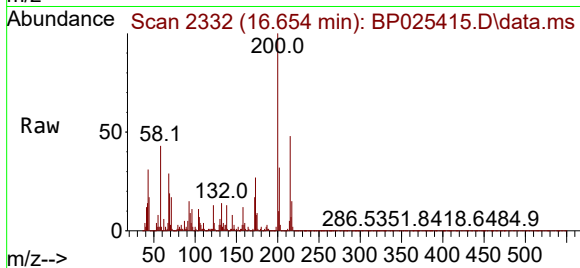
215 48.3 29.7 69.7

Manual Integrations

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Reviewed By :Rahul Chavli 08/15/2025

Supervised By :Jagrut Upadhyay 08/15/2025



#70

Pentachlorophenol

Concen: 94.460 ng

RT: 16.842 min Scan# 2364

Delta R.T. 0.000 min

Lab File: BP025415.D

Acq: 15 Aug 2025 05:48

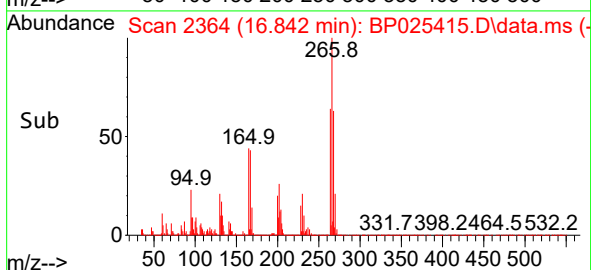
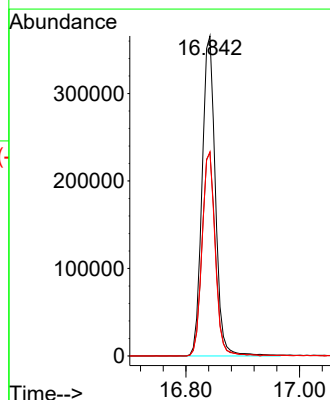
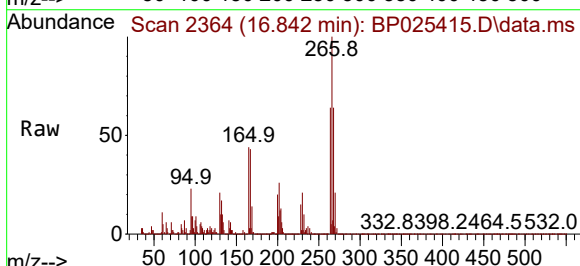
Tgt Ion:266 Resp: 593177

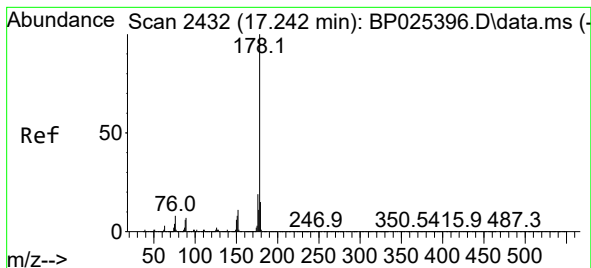
Ion Ratio Lower Upper

266 100

268 63.5 52.6 79.0

264 63.8 52.0 78.0





#71

Phenanthrene

Concen: 44.349 ng

RT: 17.242 min Scan# 2432

Delta R.T. 0.000 min

Lab File: BP025415.D

Acq: 15 Aug 2025 05:48

Instrument :

BNA\_P

ClientSampleId :

88H-EMS

Tgt Ion:178 Resp: 190098

Ion Ratio Lower Upper

178 100

176 19.2 15.5 23.3

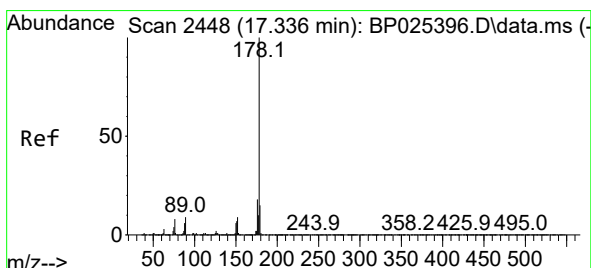
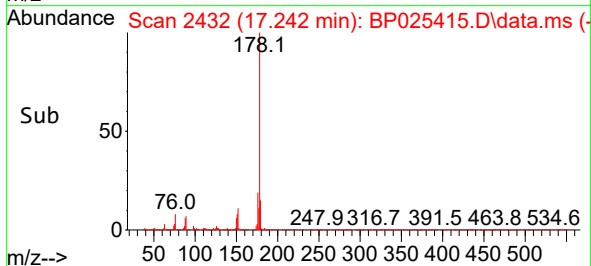
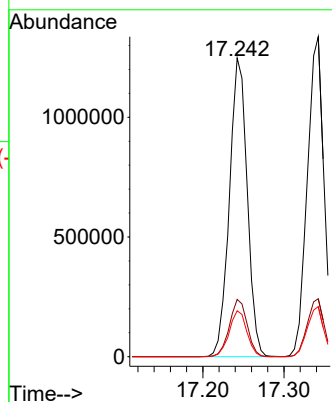
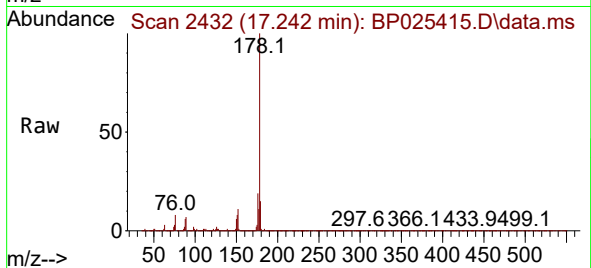
179 15.4 12.2 18.4

Manual Integrations

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Reviewed By :Rahul Chavli 08/15/2025

Supervised By :Jagrut Upadhyay 08/15/2025



#72

Anthracene

Concen: 43.450 ng

RT: 17.342 min Scan# 2449

Delta R.T. 0.006 min

Lab File: BP025415.D

Acq: 15 Aug 2025 05:48

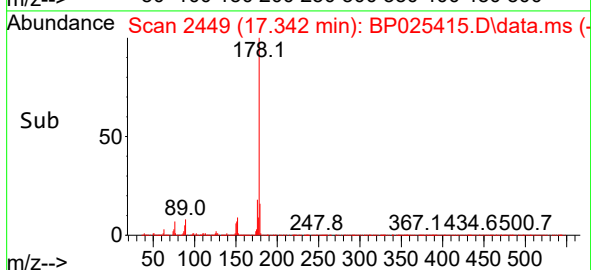
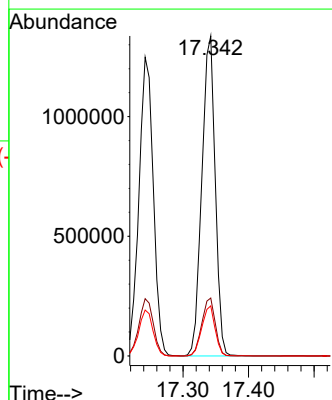
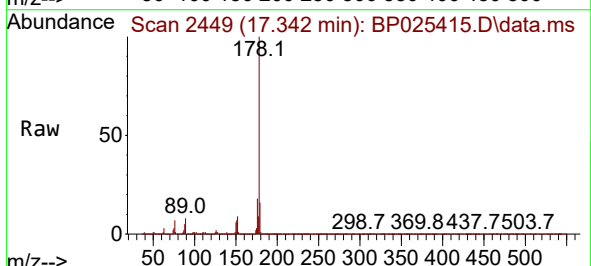
Tgt Ion:178 Resp: 1901911

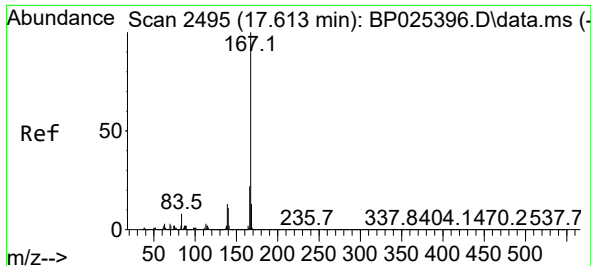
Ion Ratio Lower Upper

178 100

176 18.1 14.7 22.1

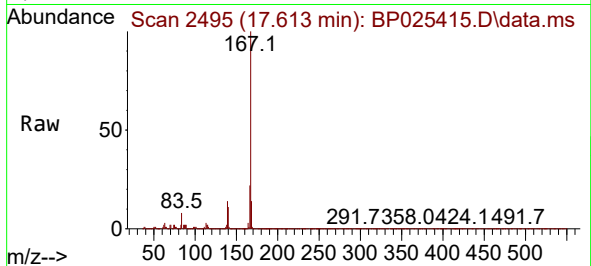
179 15.6 12.2 18.2





#73  
 Carbazole  
 Concen: 44.831 ng  
 RT: 17.613 min Scan# 2495  
 Delta R.T. 0.000 min  
 Lab File: BP025415.D  
 Acq: 15 Aug 2025 05:48

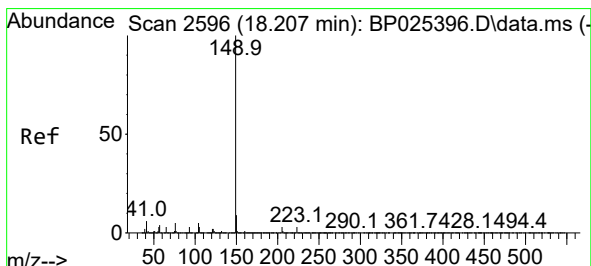
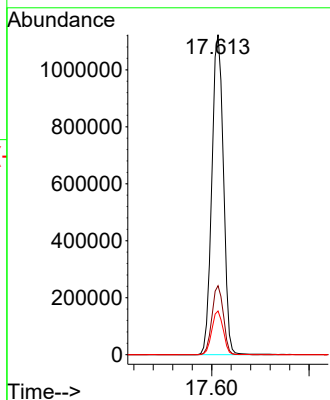
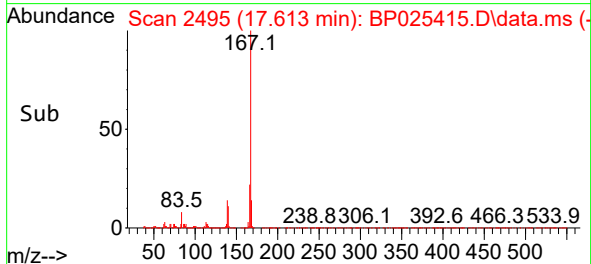
Instrument :  
 BNA\_P  
 ClientSampleId :  
 88H-EMS



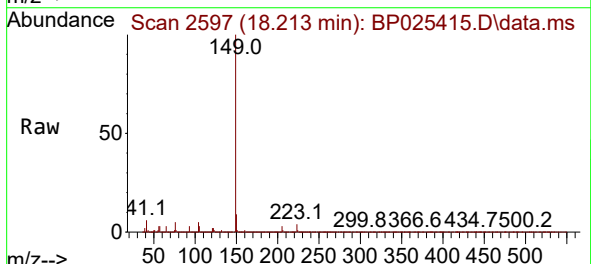
Tgt Ion:167 Resp: 184836  
 Ion Ratio Lower Upper  
 167 100  
 166 21.6 17.5 26.3  
 139 13.6 10.6 16.0

Manual Integrations  
 APPROVED

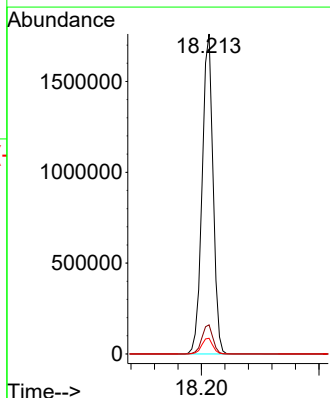
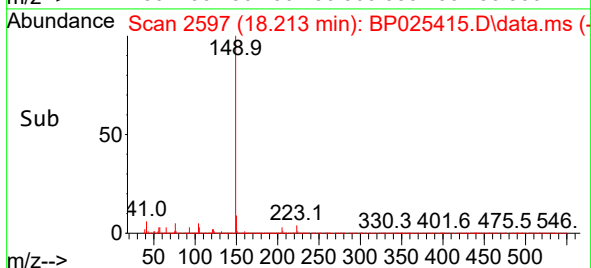
Reviewed By :Rahul Chavli 08/15/2025  
 Supervised By :Jagrut Upadhyay 08/15/2025

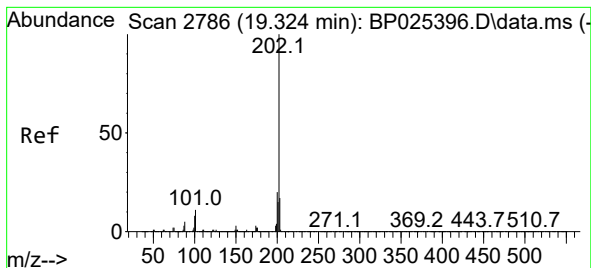


#74  
 Di-n-butylphthalate  
 Concen: 44.635 ng  
 RT: 18.213 min Scan# 2597  
 Delta R.T. 0.006 min  
 Lab File: BP025415.D  
 Acq: 15 Aug 2025 05:48



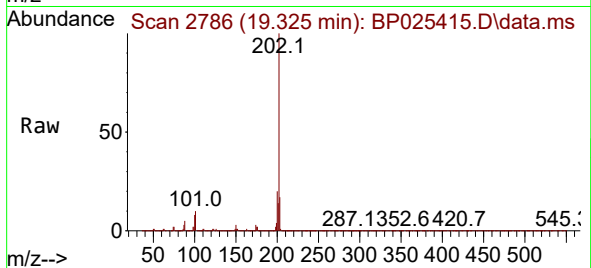
Tgt Ion:149 Resp: 2264177  
 Ion Ratio Lower Upper  
 149 100  
 150 9.1 7.4 11.0  
 104 4.9 4.2 6.2





#75  
Fluoranthene  
Concen: 44.484 ng  
RT: 19.325 min Scan# 21  
Delta R.T. 0.000 min  
Lab File: BP025415.D  
Acq: 15 Aug 2025 05:48

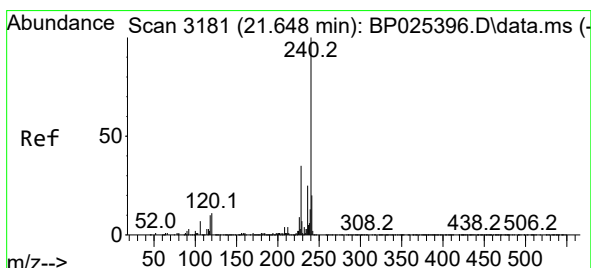
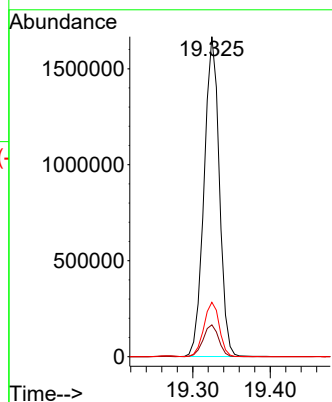
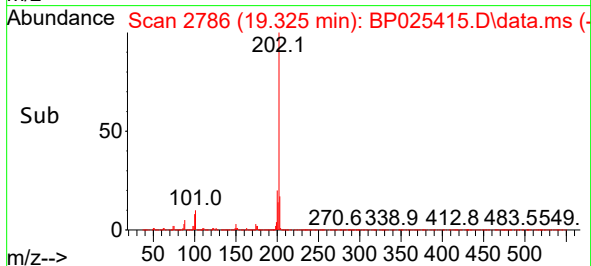
Instrument :  
BNA\_P  
ClientSampleId :  
88H-EMS



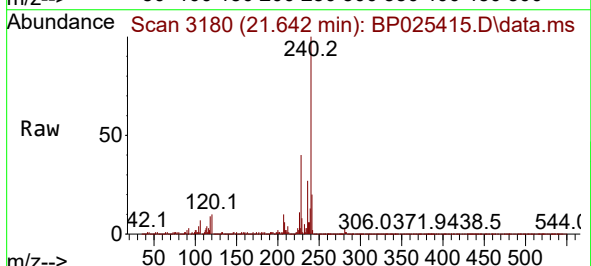
Tgt Ion:202 Resp: 2274430  
Ion Ratio Lower Upper  
202 100  
101 10.0 0.0 31.1  
203 17.0 0.0 37.3

Manual Integrations  
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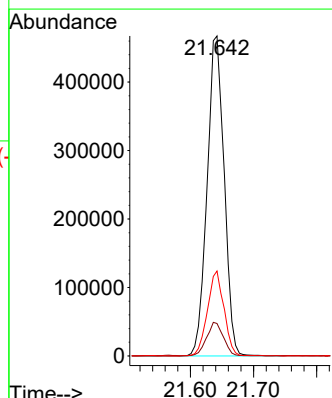
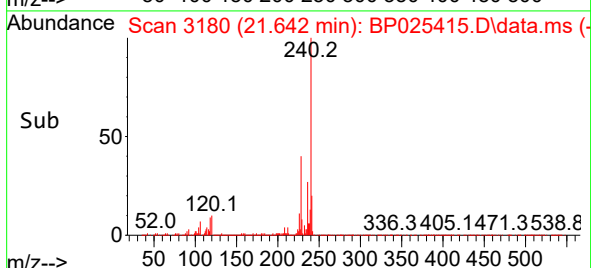
Reviewed By :Rahul Chavli 08/15/2025  
Supervised By :Jagrut Upadhyay 08/15/2025

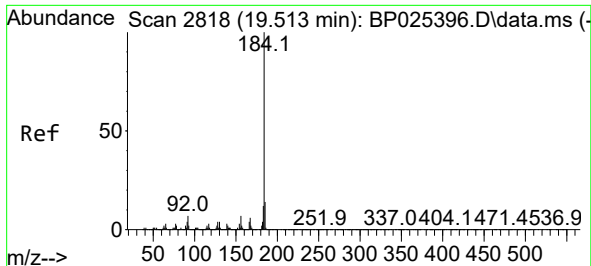


#76  
Chrysene-d12  
Concen: 20.000 ng  
RT: 21.642 min Scan# 3180  
Delta R.T. -0.006 min  
Lab File: BP025415.D  
Acq: 15 Aug 2025 05:48



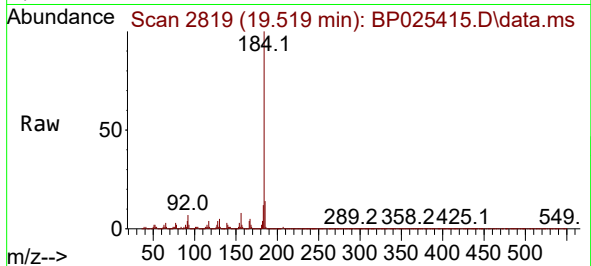
Tgt Ion:240 Resp: 875377  
Ion Ratio Lower Upper  
240 100  
120 10.2 8.9 13.3  
236 26.5 19.8 29.8





#77  
Benzidine  
Concen: 42.841 ng  
RT: 19.519 min Scan# 2818  
Delta R.T. 0.006 min  
Lab File: BP025415.D  
Acq: 15 Aug 2025 05:48

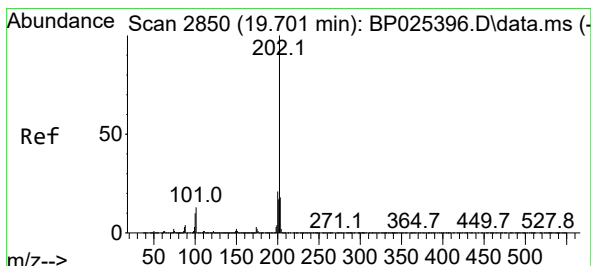
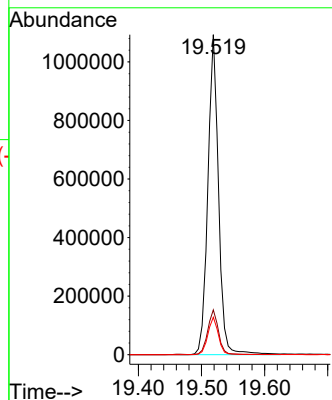
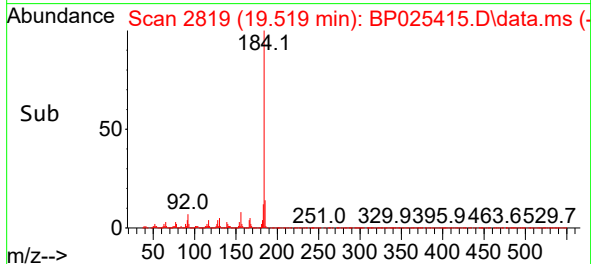
Instrument :  
BNA\_P  
ClientSampleId :  
88H-EMS



Tgt Ion:184 Resp: 127985  
Ion Ratio Lower Upper  
184 100  
185 14.0 11.5 17.3  
183 11.7 9.4 14.2

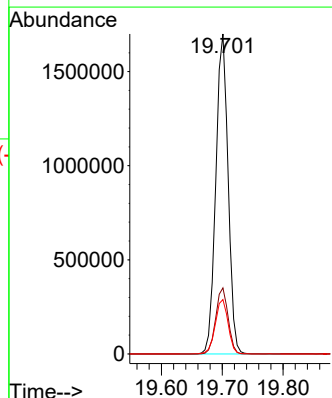
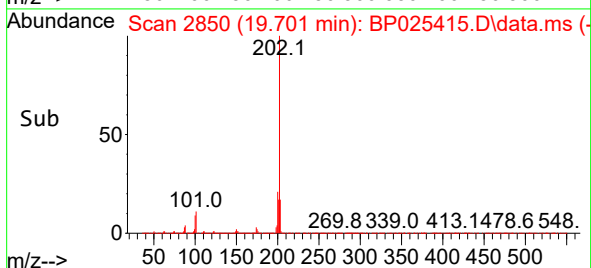
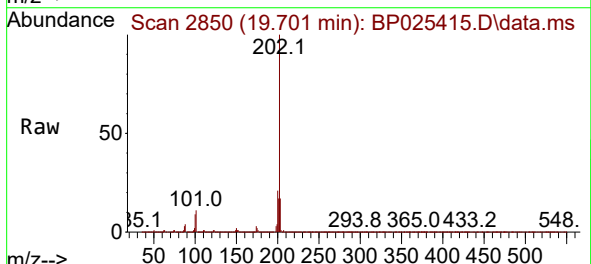
Manual Integrations  
APPROVED

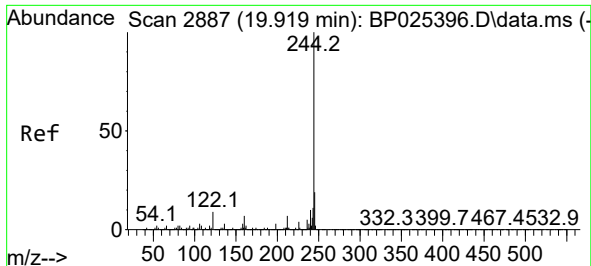
Reviewed By :Rahul Chavli 08/15/2025  
Supervised By :Jagrut Upadhyay 08/15/2025



#78  
Pyrene  
Concen: 41.769 ng  
RT: 19.701 min Scan# 2850  
Delta R.T. 0.000 min  
Lab File: BP025415.D  
Acq: 15 Aug 2025 05:48

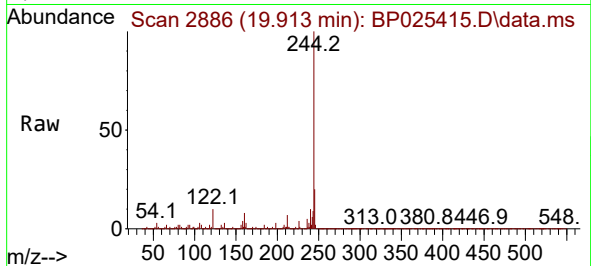
Tgt Ion:202 Resp: 2376529  
Ion Ratio Lower Upper  
202 100  
200 20.7 16.9 25.3  
203 17.0 14.2 21.2





#79  
 Terphenyl-d14  
 Concen: 45.681 ng  
 RT: 19.913 min Scan# 21  
 Delta R.T. -0.006 min  
 Lab File: BP025415.D  
 Acq: 15 Aug 2025 05:48

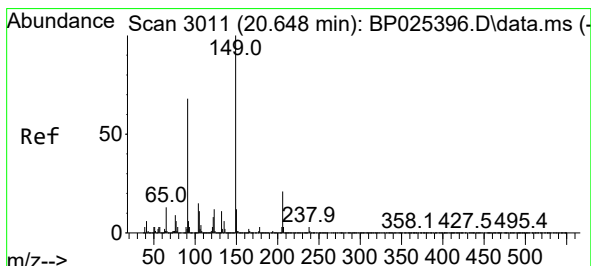
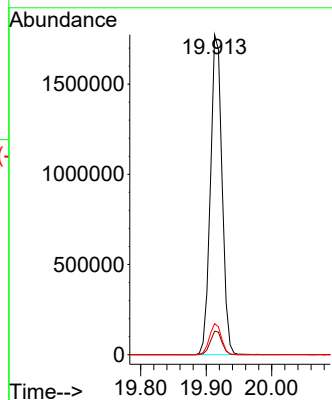
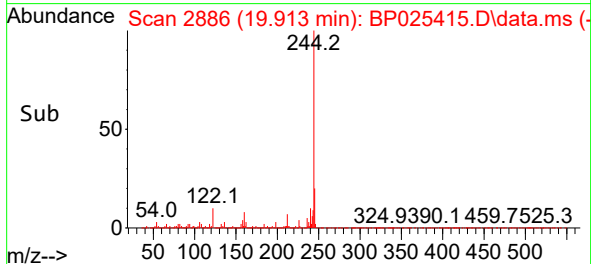
Instrument :  
 BNA\_P  
 ClientSampleId :  
 88H-EMS



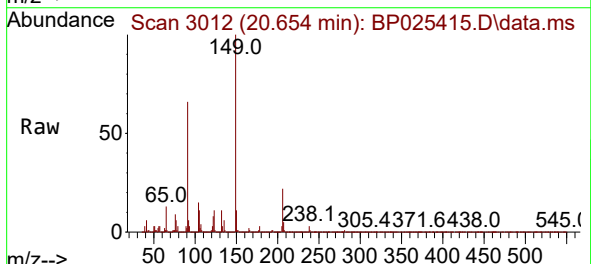
Tgt Ion:244 Resp: 2185634  
 Ion Ratio Lower Upper  
 244 100  
 212 7.4 5.8 8.6  
 122 9.7 7.4 11.2

Manual Integrations  
 APPROVED

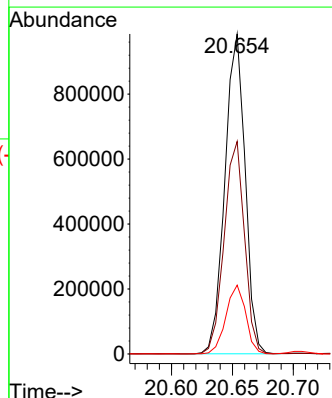
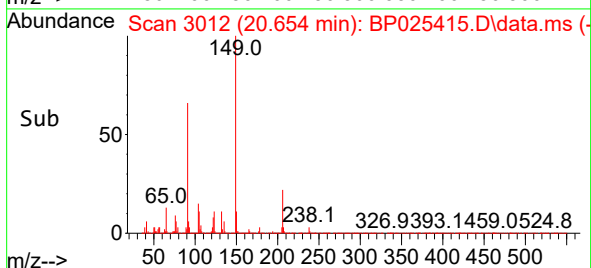
Reviewed By :Rahul Chavli 08/15/2025  
 Supervised By :Jagrut Upadhyay 08/15/2025

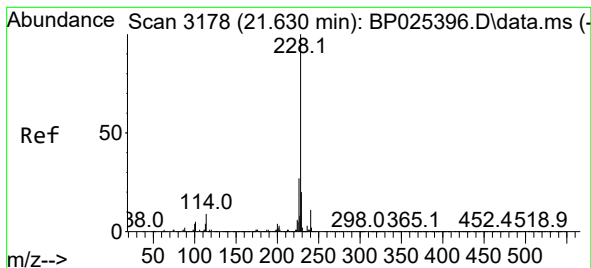


#80  
 Butylbenzylphthalate  
 Concen: 44.274 ng  
 RT: 20.654 min Scan# 3012  
 Delta R.T. 0.006 min  
 Lab File: BP025415.D  
 Acq: 15 Aug 2025 05:48



Tgt Ion:149 Resp: 1141667  
 Ion Ratio Lower Upper  
 149 100  
 91 66.4 54.2 81.2  
 206 21.5 16.6 24.8





#81

Benzo(a)anthracene

Concen: 44.364 ng

RT: 21.619 min Scan# 3176

Delta R.T. -0.012 min

Lab File: BP025415.D

Acq: 15 Aug 2025 05:48

Instrument :

BNA\_P

ClientSampleId :

88H-EMS

Tgt Ion:228 Resp: 256119

Ion Ratio Lower Upper

228 100

226 27.0 21.7 32.5

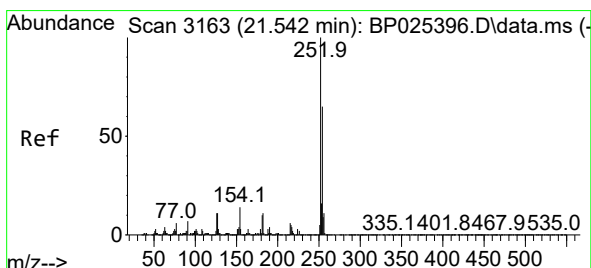
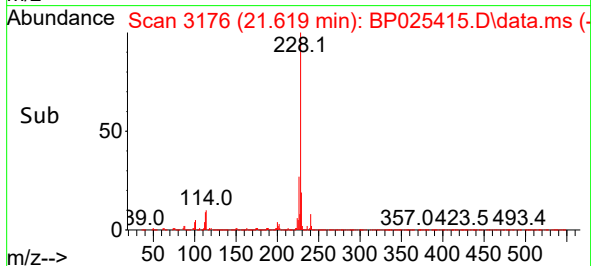
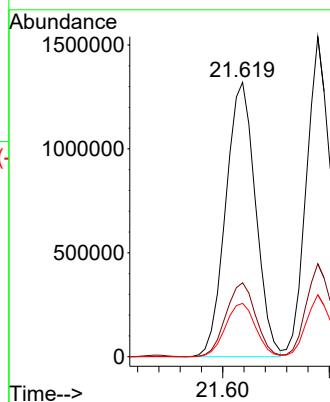
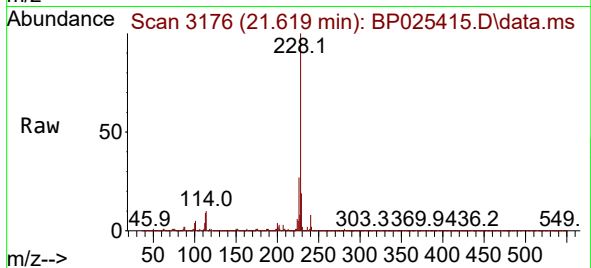
229 19.4 15.6 23.4

Manual Integrations

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Reviewed By :Rahul Chavli 08/15/2025

Supervised By :Jagrut Upadhyay 08/15/2025



#82

3,3'-Dichlorobenzidine

Concen: 25.666 ng

RT: 21.536 min Scan# 3162

Delta R.T. -0.006 min

Lab File: BP025415.D

Acq: 15 Aug 2025 05:48

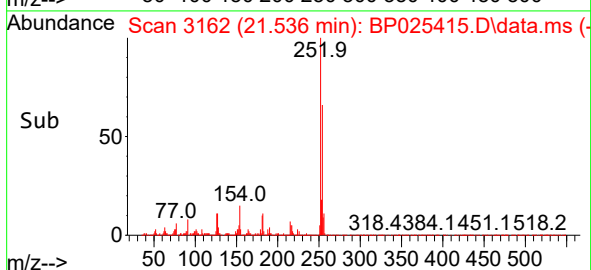
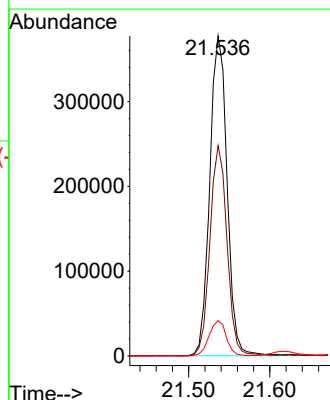
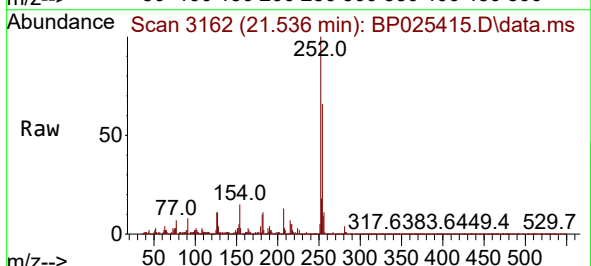
Tgt Ion:252 Resp: 558511

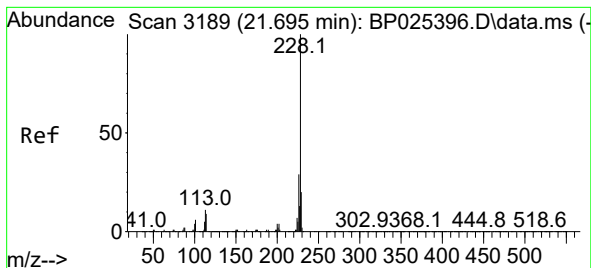
Ion Ratio Lower Upper

252 100

254 65.7 51.8 77.6

126 11.0 9.1 13.7





#83

Chrysene

Concen: 44.558 ng

RT: 21.689 min Scan# 31

Delta R.T. -0.006 min

Lab File: BP025415.D

Acq: 15 Aug 2025 05:48

Instrument :

BNA\_P

ClientSampleId :

88H-EMS

Tgt Ion:228 Resp: 240906

Ion Ratio Lower Upper

228 100

226 29.0 23.2 34.8

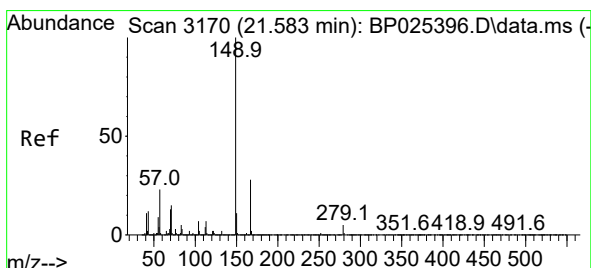
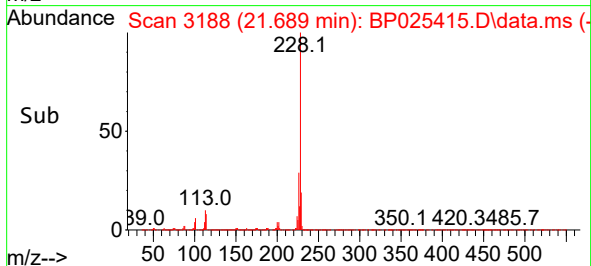
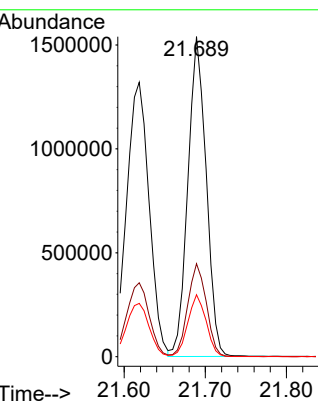
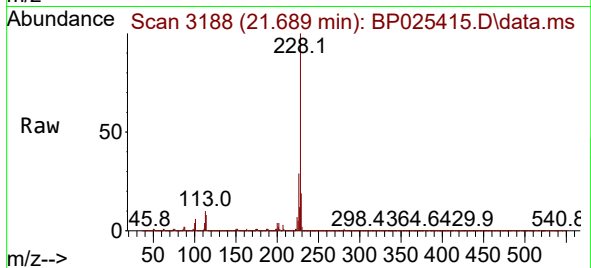
229 19.3 15.6 23.4

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 08/15/2025

Supervised By :Jagrut Upadhyay 08/15/2025



#84

Bis(2-ethylhexyl)phthalate

Concen: 43.998 ng

RT: 21.566 min Scan# 3167

Delta R.T. -0.018 min

Lab File: BP025415.D

Acq: 15 Aug 2025 05:48

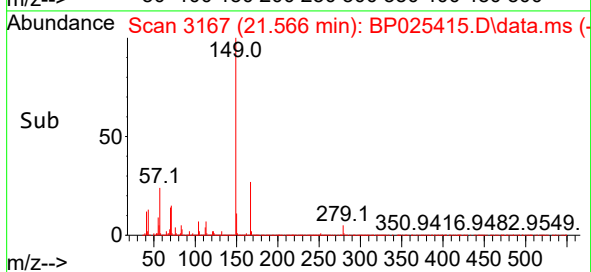
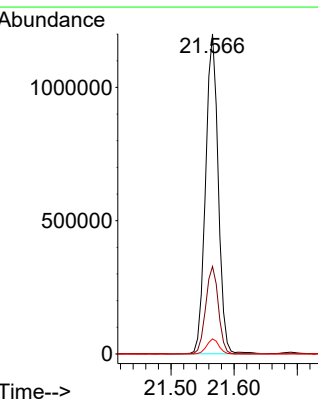
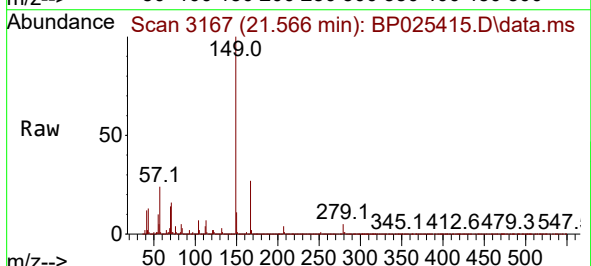
Tgt Ion:149 Resp: 1670118

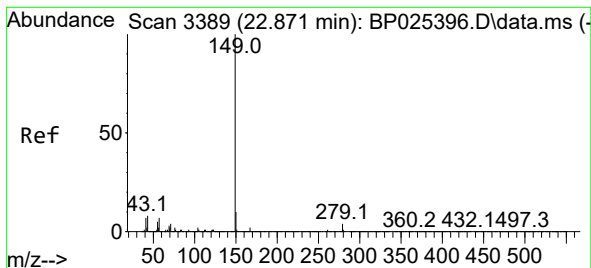
Ion Ratio Lower Upper

149 100

167 27.3 22.1 33.1

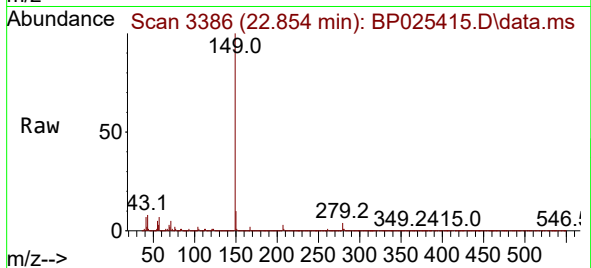
279 4.7 3.8 5.6





#85  
Di-n-octyl phthalate  
Concen: 45.135 ng  
RT: 22.854 min Scan# 31  
Delta R.T. -0.018 min  
Lab File: BP025415.D  
Acq: 15 Aug 2025 05:48

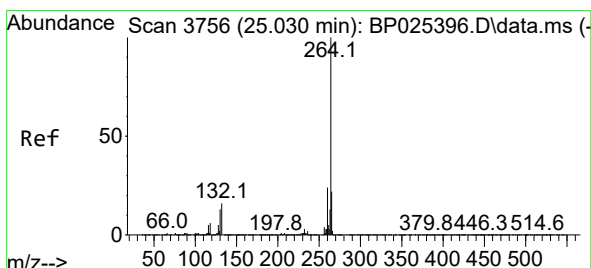
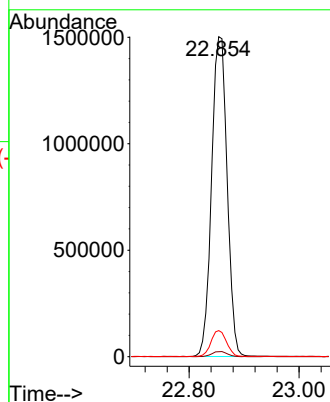
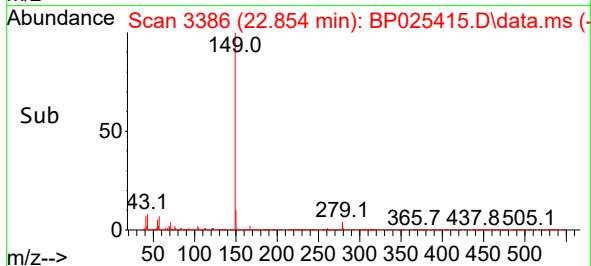
Instrument :  
BNA\_P  
ClientSampleId :  
88H-EMS



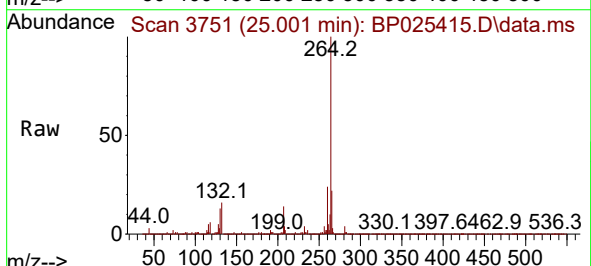
Tgt Ion:149 Resp: 294689  
Ion Ratio Lower Upper  
149 100  
167 1.6 1.3 1.9  
43 8.1 6.3 9.5

Manual Integrations  
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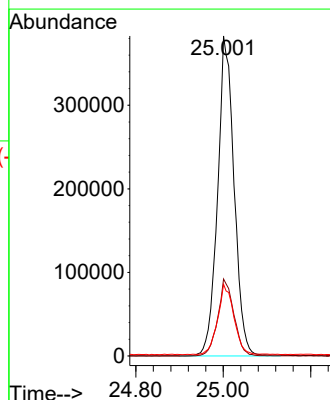
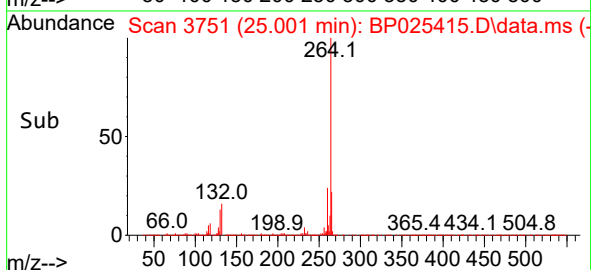
Reviewed By :Rahul Chavli 08/15/2025  
Supervised By :Jagrut Upadhyay 08/15/2025

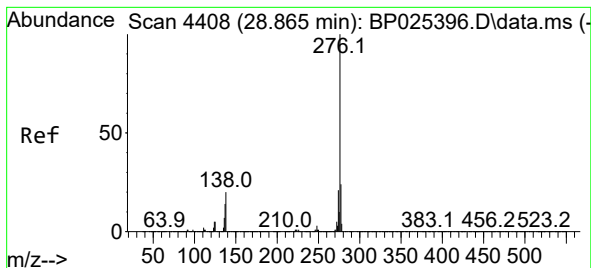


#86  
Perylene-d12  
Concen: 20.000 ng  
RT: 25.001 min Scan# 3751  
Delta R.T. -0.029 min  
Lab File: BP025415.D  
Acq: 15 Aug 2025 05:48



Tgt Ion:264 Resp: 1000604  
Ion Ratio Lower Upper  
264 100  
260 24.0 19.3 28.9  
265 22.4 17.4 26.0





#87

Indeno(1,2,3-cd)pyrene

Concen: 44.721 ng m

RT: 28.824 min Scan# 4408

Delta R.T. -0.041 min

Lab File: BP025415.D

Acq: 15 Aug 2025 05:48

Instrument :

BNA\_P

ClientSampleId :

88H-EMS

Tgt Ion:276 Resp: 3281639

Ion Ratio Lower Upper

276 100

138 15.7 12.9 19.3

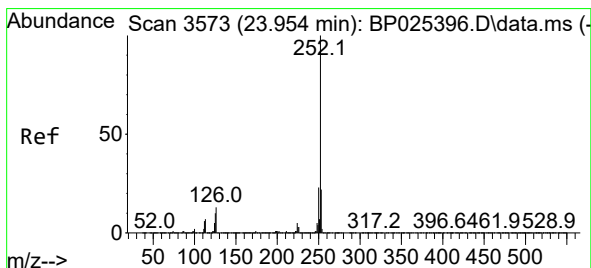
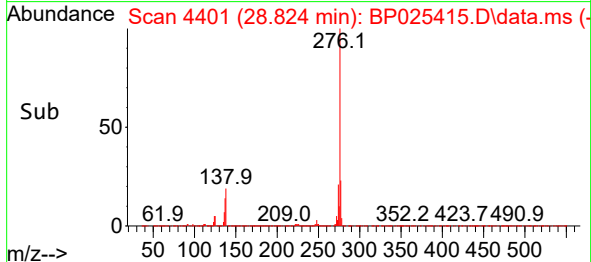
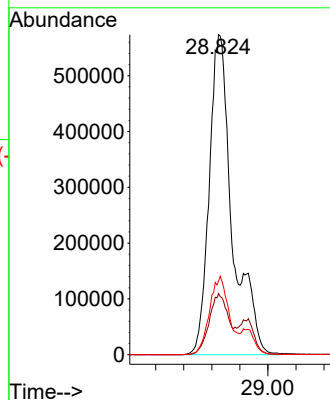
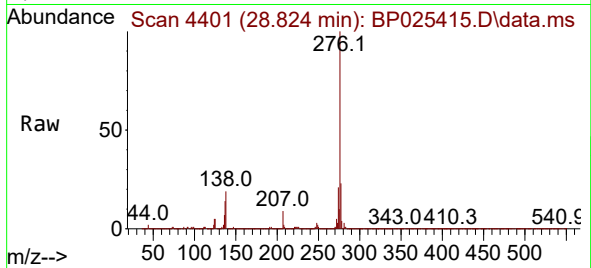
277 21.0 17.0 25.6

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 08/15/2025

Supervised By :Jagrut Upadhyay 08/15/2025



#88

Benzo(b)fluoranthene

Concen: 44.970 ng

RT: 23.930 min Scan# 3569

Delta R.T. -0.023 min

Lab File: BP025415.D

Acq: 15 Aug 2025 05:48

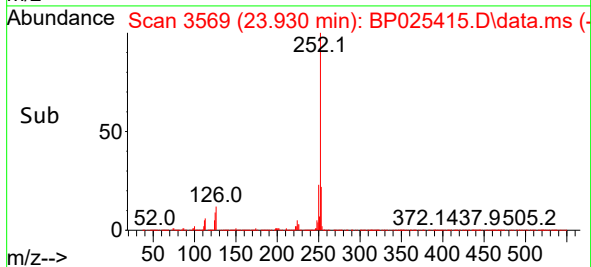
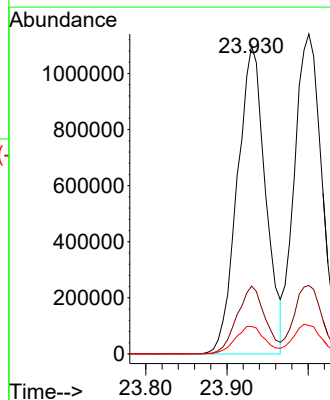
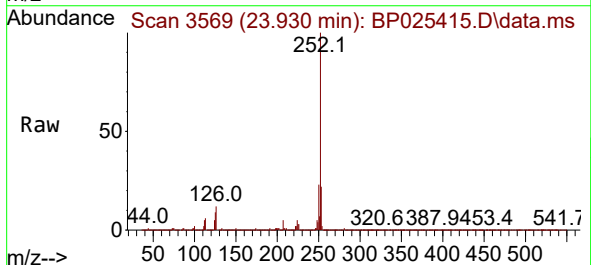
Tgt Ion:252 Resp: 2653334

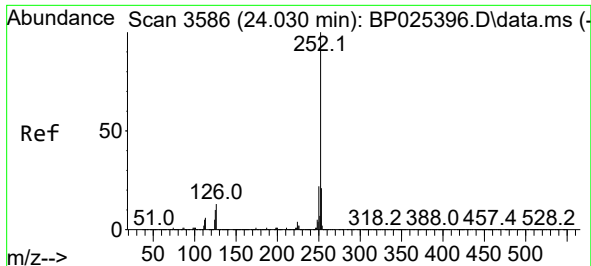
Ion Ratio Lower Upper

252 100

253 22.0 17.7 26.5

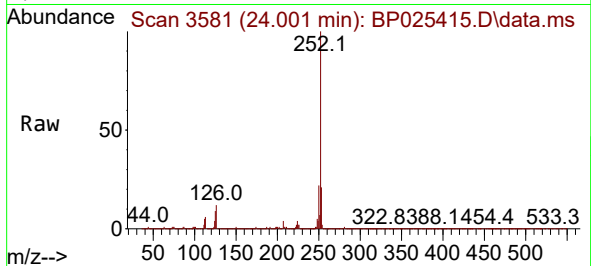
125 8.9 7.9 11.9





#89  
Benzo(k)fluoranthene  
Concen: 45.121 ng  
RT: 24.001 min Scan# 3586  
Delta R.T. -0.029 min  
Lab File: BP025415.D  
Acq: 15 Aug 2025 05:48

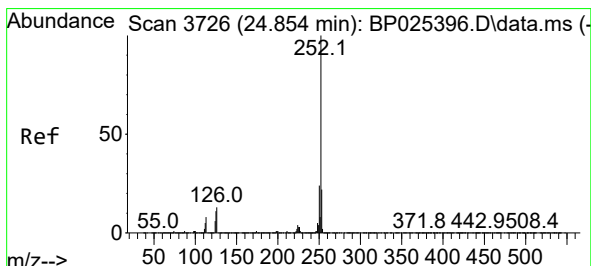
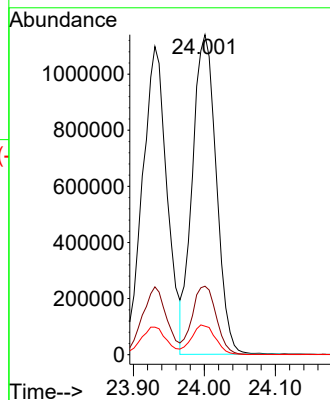
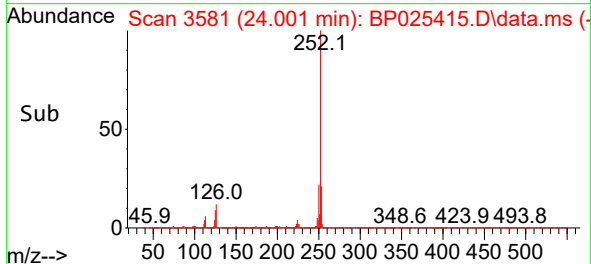
Instrument :  
BNA\_P  
ClientSampleId :  
88H-EMS



Tgt Ion:252 Resp: 266405  
Ion Ratio Lower Upper  
252 100  
253 21.4 17.1 25.7  
125 8.9 7.8 11.6

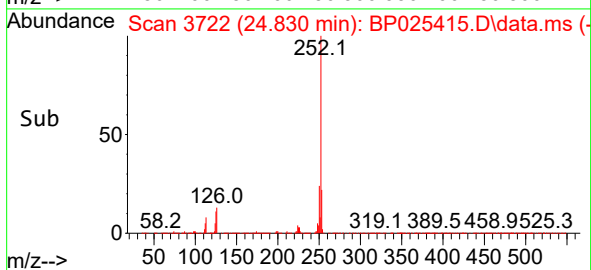
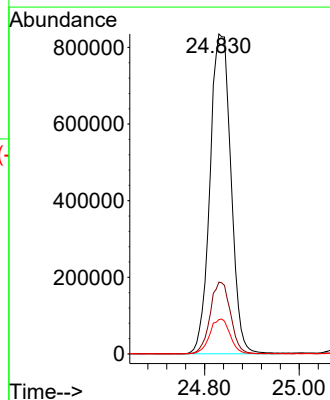
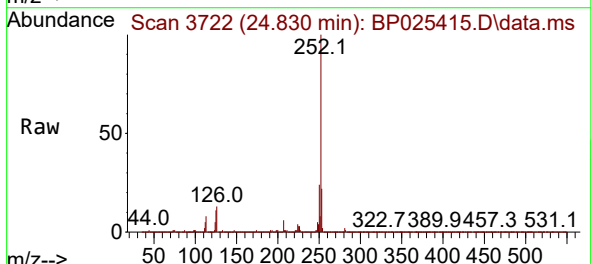
Manual Integrations  
APPROVED

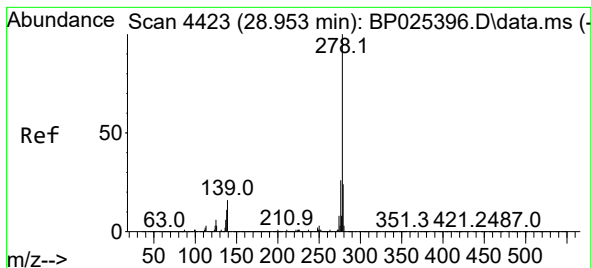
Reviewed By :Rahul Chavli 08/15/2025  
Supervised By :Jagrut Upadhyay 08/15/2025



#90  
Benzo(a)pyrene  
Concen: 44.619 ng  
RT: 24.830 min Scan# 3722  
Delta R.T. -0.023 min  
Lab File: BP025415.D  
Acq: 15 Aug 2025 05:48

Tgt Ion:252 Resp: 2562652  
Ion Ratio Lower Upper  
252 100  
253 22.4 17.5 26.3  
125 10.7 8.7 13.1





#91

Dibenzo(a,h)anthracene

Concen: 44.609 ng

RT: 28.924 min Scan# 4418

Delta R.T. -0.029 min

Lab File: BP025415.D

Acq: 15 Aug 2025 05:48

Instrument :

BNA\_P

ClientSampleId :

88H-EMS

Tgt Ion:278 Resp: 2675040

Ion Ratio Lower Upper

278 100

139 14.3 13.0 19.4

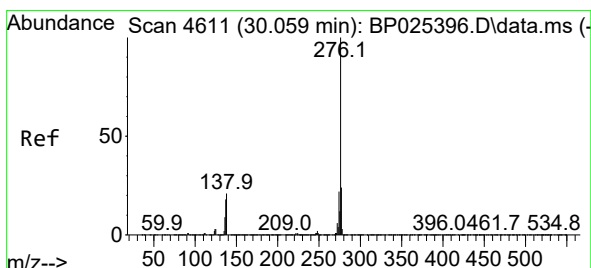
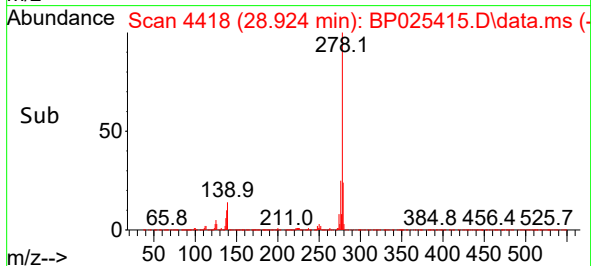
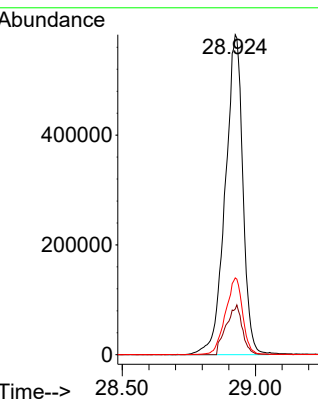
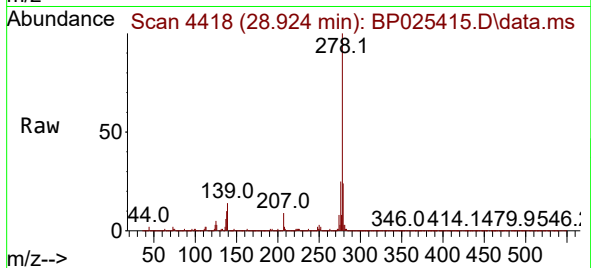
279 24.0 19.4 29.2

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 08/15/2025

Supervised By :Jagrut Upadhyay 08/15/2025



#92

Benzo(g,h,i)perylene

Concen: 44.748 ng

RT: 30.030 min Scan# 4606

Delta R.T. -0.029 min

Lab File: BP025415.D

Acq: 15 Aug 2025 05:48

Tgt Ion:276 Resp: 2637753

Ion Ratio Lower Upper

276 100

277 23.4 19.4 29.0

138 19.7 16.7 25.1

