

Data Path : Z:\svoasrv\HPCHEM1\BNA\_P\Data\BP022725\  
 Data File : BP024118.D  
 Acq On : 27 Feb 2025 13:00  
 Operator : RC/JU  
 Sample : PB166894BS  
 Misc :  
 ALS Vial : 4 Sample Multiplier: 1

Instrument :  
 BNA\_P  
 ClientSampleId :  
 PB166894BS

Manual Integrations  
 APPROVED

Reviewed By :Yogesh Patel 02/28/2025  
 Supervised By :mohammad ahmed 02/28/2025

Quant Time: Feb 27 13:29:12 2025  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_P\Methods\8270E-BP021725.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Tue Feb 18 02:25:07 2025  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc    | Units | Dev(Min) |
|-------------------------------|--------|------|----------|---------|-------|----------|
| -----                         |        |      |          |         |       |          |
| Internal Standards            |        |      |          |         |       |          |
| 1) 1,4-Dichlorobenzene-d4     | 7.728  | 152  | 418803   | 20.000  | ng    | -0.03    |
| 21) Naphthalene-d8            | 10.516 | 136  | 1531383  | 20.000  | ng    | -0.02    |
| 39) Acenaphthene-d10          | 14.381 | 164  | 827031   | 20.000  | ng    | -0.01    |
| 64) Phenanthrene-d10          | 17.192 | 188  | 1522668  | 20.000  | ng    | 0.00     |
| 76) Chrysene-d12              | 21.657 | 240  | 1701635  | 20.000  | ng    | 0.01     |
| 86) Perylene-d12              | 25.051 | 264  | 1810661  | 20.000  | ng    | 0.02     |
|                               |        |      |          |         |       |          |
| System Monitoring Compounds   |        |      |          |         |       |          |
| 5) 2-Fluorophenol             | 5.346  | 112  | 3692553  | 137.576 | ng    | -0.03    |
| 7) Phenol-d6                  | 6.911  | 99   | 4461922  | 129.343 | ng    | -0.04    |
| 23) Nitrobenzene-d5           | 8.881  | 82   | 2592234  | 94.436  | ng    | -0.03    |
| 42) 2,4,6-Tribromophenol      | 15.898 | 330  | 1416685  | 139.848 | ng    | 0.00     |
| 45) 2-Fluorobiphenyl          | 12.987 | 172  | 5351711  | 90.464  | ng    | -0.02    |
| 79) Terphenyl-d14             | 19.922 | 244  | 7952695  | 92.478  | ng    | 0.00     |
|                               |        |      |          |         |       |          |
| Target Compounds              |        |      |          |         |       | Qvalue   |
| 2) 1,4-Dioxane                | 3.293  | 88   | 457841   | 43.484  | ng    | 97       |
| 3) Pyridine                   | 3.681  | 79   | 1095704  | 40.027  | ng    | 98       |
| 4) n-Nitrosodimethylamine     | 3.593  | 42   | 433013   | 44.594  | ng    | 96       |
| 6) Aniline                    | 7.063  | 93   | 1082344  | 34.260  | ng    | 99       |
| 8) 2-Chlorophenol             | 7.299  | 128  | 1170327  | 41.196  | ng    | 97       |
| 9) Benzaldehyde               | 6.881  | 77   | 478022   | 30.351  | ng    | 100      |
| 10) Phenol                    | 6.940  | 94   | 1507006  | 43.443  | ng    | 100      |
| 11) bis(2-Chloroethyl)ether   | 7.158  | 93   | 1179042  | 43.153  | ng    | 98       |
| 12) 1,3-Dichlorobenzene       | 7.616  | 146  | 1322861  | 42.387  | ng    | 99       |
| 13) 1,4-Dichlorobenzene       | 7.763  | 146  | 1331259  | 42.179  | ng    | 100      |
| 14) 1,2-Dichlorobenzene       | 8.081  | 146  | 1275564  | 42.112  | ng    | 99       |
| 15) Benzyl Alcohol            | 7.969  | 79   | 906699   | 42.939  | ng    | 98       |
| 16) 2,2'-oxybis(1-Chloropr... | 8.252  | 45   | 1236225m | 46.610  | ng    |          |
| 17) 2-Methylphenol            | 8.175  | 107  | 923414   | 43.682  | ng    | 100      |
| 18) Hexachloroethane          | 8.805  | 117  | 484787   | 42.650  | ng    | 96       |
| 19) n-Nitroso-di-n-propyla... | 8.528  | 70   | 800372   | 43.151  | ng    | 99       |
| 20) 3+4-Methylphenols         | 8.499  | 107  | 1235246  | 42.954  | ng    | 99       |
| 22) Acetophenone              | 8.540  | 105  | 1874302  | 47.629  | ng    | # 99     |
| 24) Nitrobenzene              | 8.922  | 77   | 1208205  | 44.724  | ng    | 98       |
| 25) Isophorone                | 9.446  | 82   | 2065777  | 46.021  | ng    | 98       |
| 26) 2-Nitrophenol             | 9.628  | 139  | 538371   | 43.257  | ng    | 96       |
| 27) 2,4-Dimethylphenol        | 9.693  | 122  | 901317   | 55.169  | ng    | 98       |
| 28) bis(2-Chloroethoxy)met... | 9.928  | 93   | 1376927  | 42.343  | ng    | 100      |
| 29) 2,4-Dichlorophenol        | 10.169 | 162  | 939686   | 42.147  | ng    | 99       |
| 30) 1,2,4-Trichlorobenzene    | 10.375 | 180  | 1060579  | 41.518  | ng    | 99       |
| 31) Naphthalene               | 10.569 | 128  | 3399518  | 41.285  | ng    | 100      |
| 32) Benzoic acid              | 9.840  | 122  | 647569   | 39.372  | ng    | 99       |
| 33) 4-Chloroaniline           | 10.669 | 127  | 471925   | 16.269  | ng    | 99       |
| 34) Hexachlorobutadiene       | 10.857 | 225  | 617176   | 41.713  | ng    | 100      |
| 35) Caprolactam               | 11.469 | 113  | 320536   | 43.300  | ng    | 92       |
| 36) 4-Chloro-3-methylphenol   | 11.816 | 107  | 964629   | 42.087  | ng    | 98       |
| 37) 2-Methylnaphthalene       | 12.181 | 142  | 2151526  | 39.312  | ng    | 99       |
| 38) 1-Methylnaphthalene       | 12.404 | 142  | 2102964  | 39.499  | ng    | 100      |
| 40) 1,2,4,5-Tetrachloroben... | 12.557 | 216  | 1201536  | 47.284  | ng    | 98       |
| 41) Hexachlorocyclopentadiene | 12.540 | 237  | 1516802  | 160.411 | ng    | 99       |
| 43) 2,4,6-Trichlorophenol     | 12.804 | 196  | 676923   | 43.681  | ng    | 98       |

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Instrument :  
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Manual Integrations  
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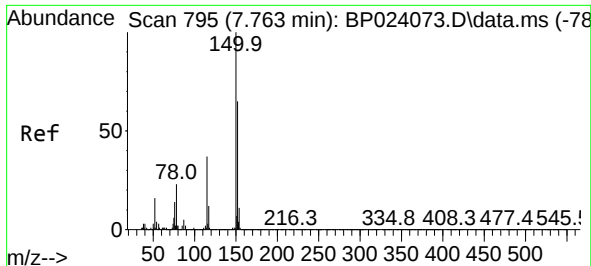
Reviewed By :Yogesh Patel 02/28/2025  
 Supervised By :mohammad ahmed 02/28/2025

Quant Time: Feb 27 13:29:12 2025  
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| Compound                      | R.T.   | QIon | Response | Conc    | Units | Dev(Min) |
|-------------------------------|--------|------|----------|---------|-------|----------|
| 44) 2,4,5-Trichlorophenol     | 12.881 | 196  | 736149   | 43.435  | ng    | 98       |
| 46) 1,1'-Biphenyl             | 13.210 | 154  | 3039270  | 47.292  | ng    | 100      |
| 47) 2-Chloronaphthalene       | 13.245 | 162  | 2090836  | 43.038  | ng    | 99       |
| 48) 2-Nitroaniline            | 13.457 | 65   | 563505   | 49.103  | ng    | 99       |
| 49) Acenaphthylene            | 14.104 | 152  | 3323993  | 46.440  | ng    | 100      |
| 50) Dimethylphthalate         | 13.840 | 163  | 2466726  | 42.284  | ng    | 99       |
| 51) 2,6-Dinitrotoluene        | 13.957 | 165  | 518569   | 43.638  | ng    | 99       |
| 52) Acenaphthene              | 14.451 | 154  | 1991979  | 43.217  | ng    | 100      |
| 53) 3-Nitroaniline            | 14.287 | 138  | 313245   | 24.702  | ng    | 97       |
| 54) 2,4-Dinitrophenol         | 14.498 | 184  | 655057   | 83.259  | ng    | 95       |
| 55) Dibenzofuran              | 14.792 | 168  | 3082347  | 41.165  | ng    | 98       |
| 56) 4-Nitrophenol             | 14.616 | 139  | 1159812  | 105.882 | ng    | 98       |
| 57) 2,4-Dinitrotoluene        | 14.757 | 165  | 757654   | 49.080  | ng    | 100      |
| 58) Fluorene                  | 15.451 | 166  | 2529418  | 43.255  | ng    | 100      |
| 59) 2,3,4,6-Tetrachlorophenol | 15.016 | 232  | 631218   | 42.927  | ng    | 99       |
| 60) Diethylphthalate          | 15.222 | 149  | 2425039  | 41.875  | ng    | 99       |
| 61) 4-Chlorophenyl-phenyle... | 15.445 | 204  | 1182844  | 41.095  | ng    | 97       |
| 62) 4-Nitroaniline            | 15.469 | 138  | 609023   | 41.076  | ng    | 96       |
| 63) Azobenzene                | 15.745 | 77   | 2430342  | 44.785  | ng    | 97       |
| 65) 4,6-Dinitro-2-methylph... | 15.528 | 198  | 391756   | 41.048  | ng    | 98       |
| 66) n-Nitrosodiphenylamine    | 15.663 | 169  | 2101469  | 44.256  | ng    | 99       |
| 67) 4-Bromophenyl-phenylether | 16.357 | 248  | 717557   | 41.965  | ng    | 99       |
| 68) Hexachlorobenzene         | 16.475 | 284  | 863800   | 42.933  | ng    | 98       |
| 69) Atrazine                  | 16.645 | 200  | 800113   | 65.660  | ng    | 98       |
| 70) Pentachlorophenol         | 16.834 | 266  | 1227623  | 93.944  | ng    | 100      |
| 71) Phenanthrene              | 17.234 | 178  | 3824960  | 44.556  | ng    | 100      |
| 72) Anthracene                | 17.322 | 178  | 3870642  | 47.050  | ng    | 100      |
| 73) Carbazole                 | 17.610 | 167  | 3694615  | 47.136  | ng    | 100      |
| 74) Di-n-butylphthalate       | 18.204 | 149  | 4129690  | 45.154  | ng    | 100      |
| 75) Fluoranthene              | 19.322 | 202  | 4421462  | 45.536  | ng    | 98       |
| 77) Benzidine                 | 19.522 | 184  | 1687837  | 81.399  | ng    | 99       |
| 78) Pyrene                    | 19.698 | 202  | 4689110  | 43.383  | ng    | 100      |
| 80) Butylbenzylphthalate      | 20.657 | 149  | 1954264  | 47.184  | ng    | 96       |
| 81) Benzo(a)anthracene        | 21.633 | 228  | 4819109  | 45.165  | ng    | 100      |
| 82) 3,3'-Dichlorobenzidine    | 21.551 | 252  | 1003532  | 30.098  | ng    | 98       |
| 83) Chrysene                  | 21.704 | 228  | 4534660  | 44.073  | ng    | 100      |
| 84) Bis(2-ethylhexyl)phtha... | 21.580 | 149  | 2856995  | 45.488  | ng    | 99       |
| 85) Di-n-octyl phthalate      | 22.886 | 149  | 4620749  | 46.026  | ng    | 99       |
| 87) Indeno(1,2,3-cd)pyrene    | 28.915 | 276  | 6158463m | 47.810  | ng    |          |
| 88) Benzo(b)fluoranthene      | 23.986 | 252  | 4873204  | 42.382  | ng    | 99       |
| 89) Benzo(k)fluoranthene      | 24.057 | 252  | 4966652  | 44.377  | ng    | 99       |
| 90) Benzo(a)pyrene            | 24.898 | 252  | 4686771  | 48.030  | ng    | 99       |
| 91) Dibenzo(a,h)anthracene    | 29.003 | 278  | 5026619  | 46.410  | ng    | 99       |
| 92) Benzo(g,h,i)perylene      | 30.115 | 276  | 4779983  | 43.492  | ng    | 99       |

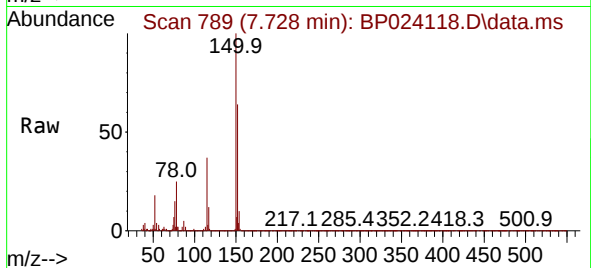
(#) = qualifier out of range (m) = manual integration (+) = signals summed





#1  
1,4-Dichlorobenzene-d4  
Concen: 20.000 ng  
RT: 7.728 min Scan# 70  
Delta R.T. -0.035 min  
Lab File: BP024118.D  
Acq: 27 Feb 2025 13:00

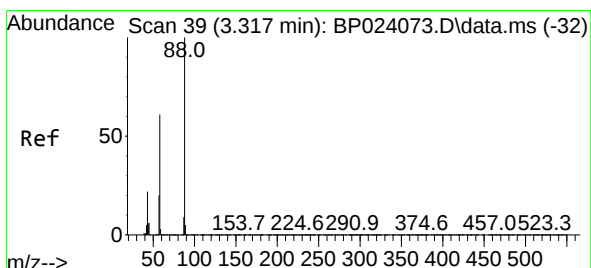
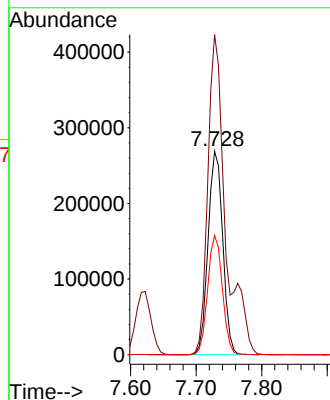
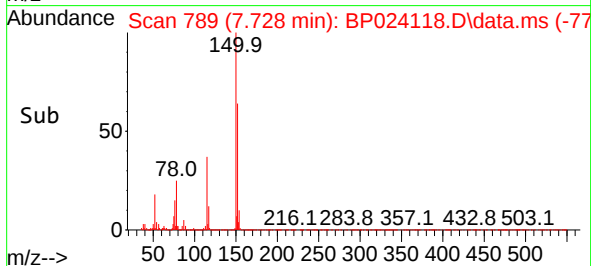
Instrument :  
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ClientSampleId :  
PB166894BS



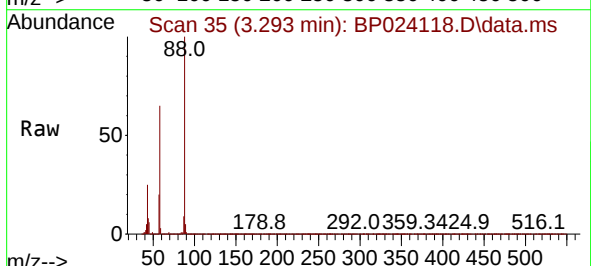
Tgt Ion:152 Resp: 41880  
Ion Ratio Lower Upper  
152 100  
150 157.3 122.4 183.6  
115 58.6 45.0 67.6

Manual Integrations  
APPROVED

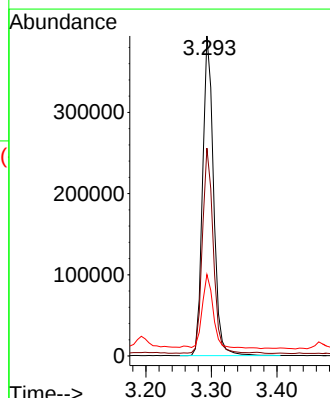
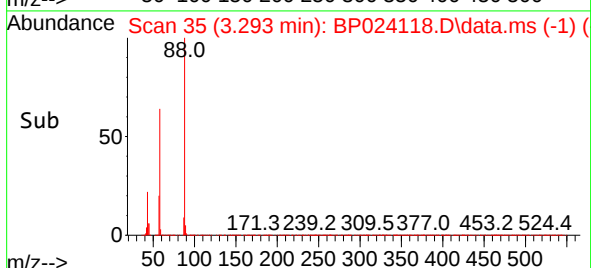
Reviewed By :Yogesh Patel 02/28/2025  
Supervised By :mohammad ahmed 02/28/2025

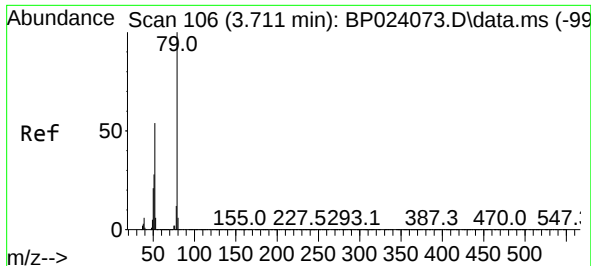


#2  
1,4-Dioxane  
Concen: 43.484 ng  
RT: 3.293 min Scan# 35  
Delta R.T. -0.024 min  
Lab File: BP024118.D  
Acq: 27 Feb 2025 13:00



Tgt Ion: 88 Resp: 457841  
Ion Ratio Lower Upper  
88 100  
58 63.6 49.1 73.7  
43 23.6 18.0 27.0





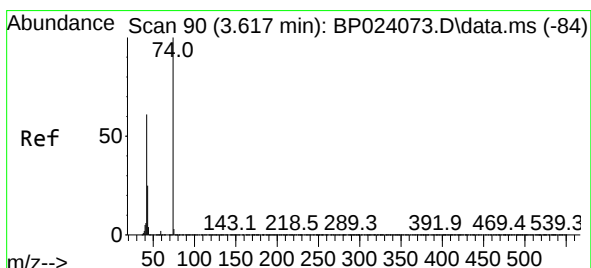
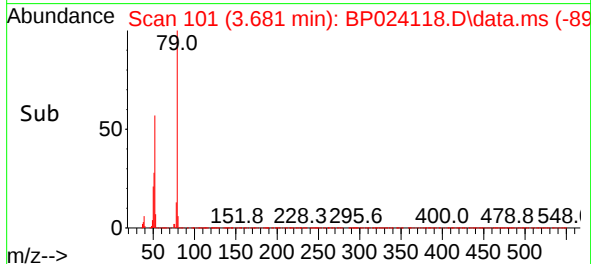
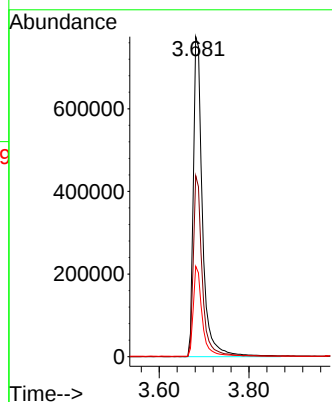
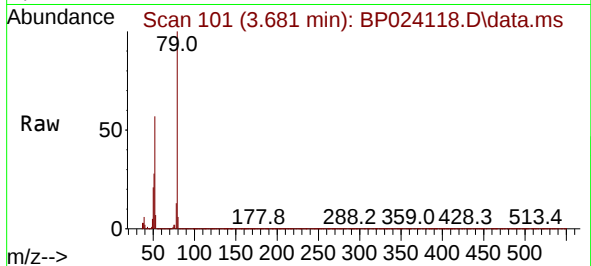
#3  
Pyridine  
Concen: 40.027 ng  
RT: 3.681 min Scan# 106  
Delta R.T. -0.029 min  
Lab File: BP024118.D  
Acq: 27 Feb 2025 13:00

Instrument :  
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ClientSampleId :  
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Tgt Ion: 79 Resp: 1095704  
Ion Ratio Lower Upper  
79 100  
52 56.5 43.5 65.3  
51 28.2 22.2 33.4

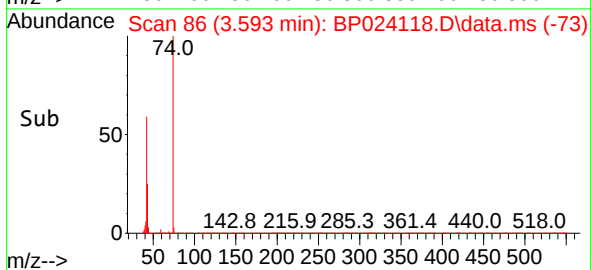
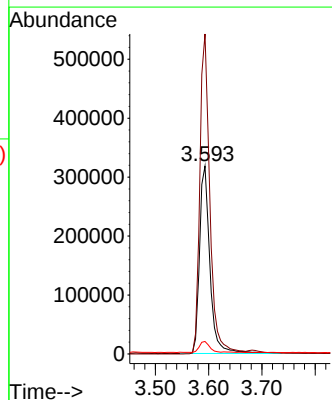
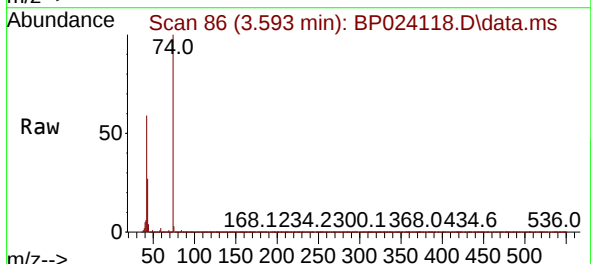
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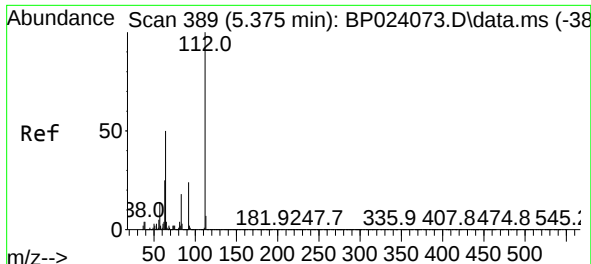
Reviewed By :Yogesh Patel 02/28/2025  
Supervised By :mohammad ahmed 02/28/2025



#4  
n-Nitrosodimethylamine  
Concen: 44.594 ng  
RT: 3.593 min Scan# 86  
Delta R.T. -0.024 min  
Lab File: BP024118.D  
Acq: 27 Feb 2025 13:00

Tgt Ion: 42 Resp: 433013  
Ion Ratio Lower Upper  
42 100  
74 170.3 132.0 198.0  
44 6.7 5.3 7.9





#5  
2-Fluorophenol  
Concen: 137.576 ng  
RT: 5.346 min Scan# 31  
Delta R.T. -0.029 min  
Lab File: BP024118.D  
Acq: 27 Feb 2025 13:00

Instrument :

BNA\_P

ClientSampleId :

PB166894BS

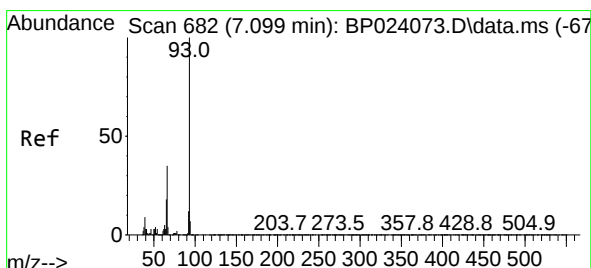
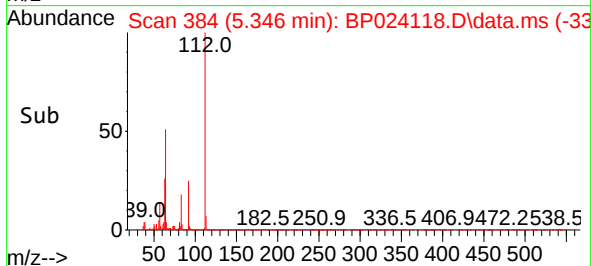
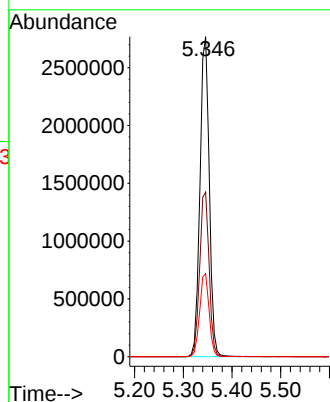
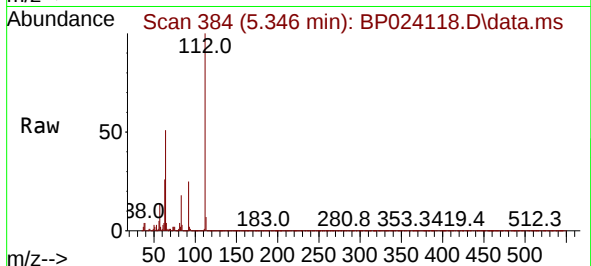
Tgt Ion:112 Resp: 369255  
Ion Ratio Lower Upper  
112 100  
64 51.4 39.6 59.4  
63 26.0 20.3 30.5

Manual Integrations

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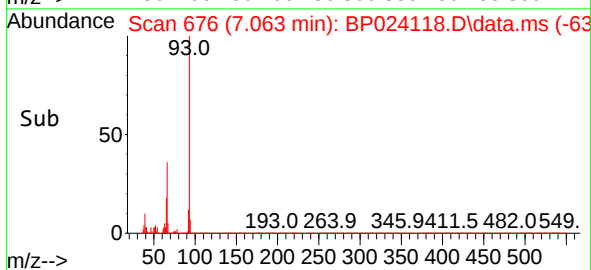
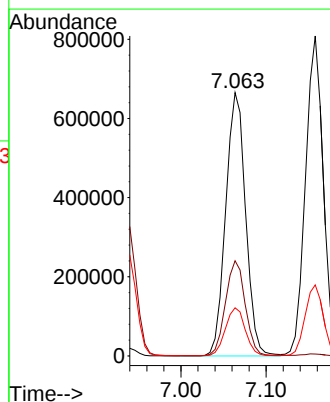
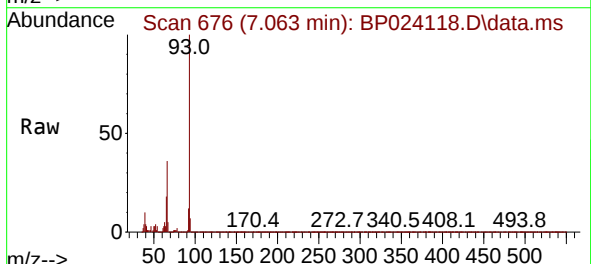
Reviewed By :Yogesh Patel 02/28/2025

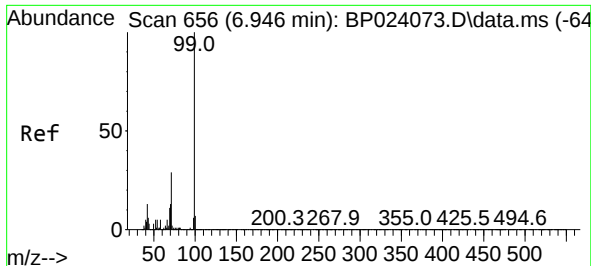
Supervised By :mohammad ahmed 02/28/2025



#6  
Aniline  
Concen: 34.260 ng  
RT: 7.063 min Scan# 676  
Delta R.T. -0.035 min  
Lab File: BP024118.D  
Acq: 27 Feb 2025 13:00

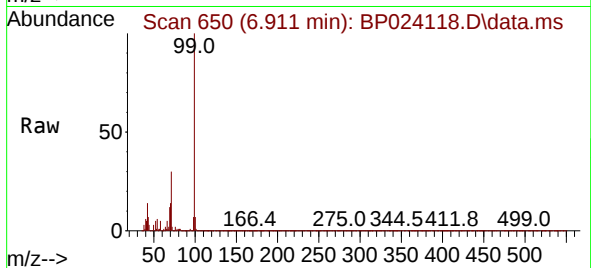
Tgt Ion: 93 Resp: 1082344  
Ion Ratio Lower Upper  
93 100  
66 36.2 28.2 42.4  
65 18.3 14.1 21.1





#7  
Phenol-d6  
Concen: 129.343 ng  
RT: 6.911 min Scan# 611  
Delta R.T. -0.035 min  
Lab File: BP024118.D  
Acq: 27 Feb 2025 13:00

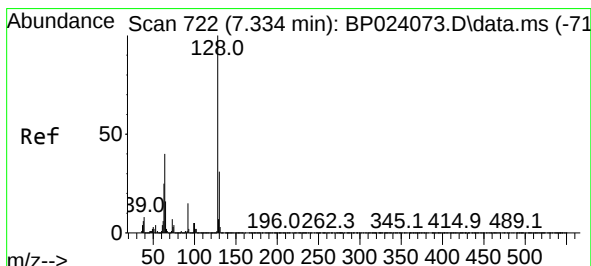
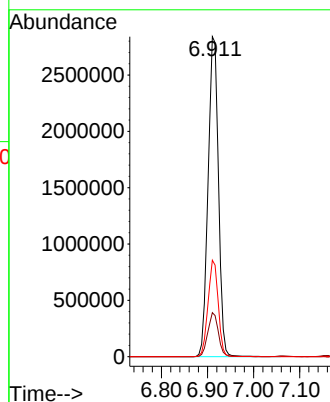
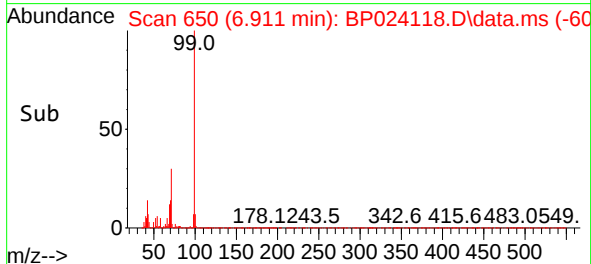
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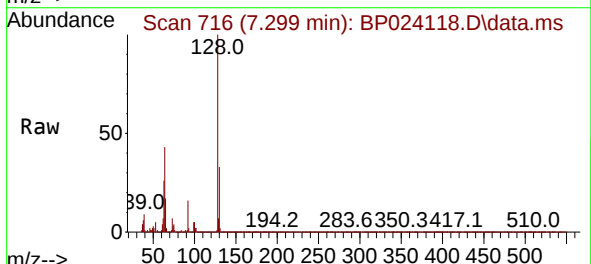
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Ion Ratio Lower Upper  
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71 30.2 22.9 34.3

Manual Integrations  
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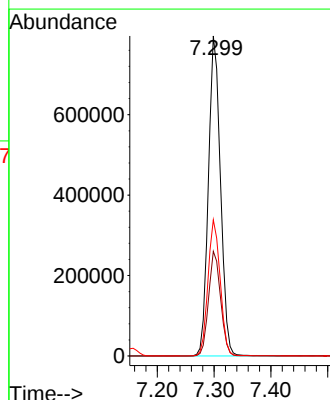
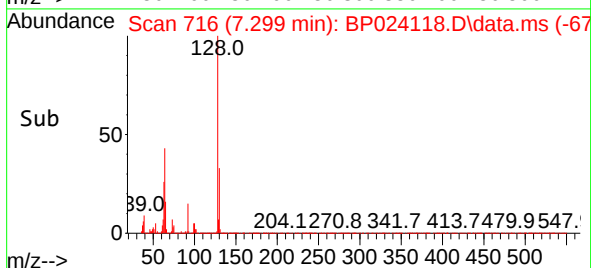
Reviewed By :Yogesh Patel 02/28/2025  
Supervised By :mohammad ahmed 02/28/2025

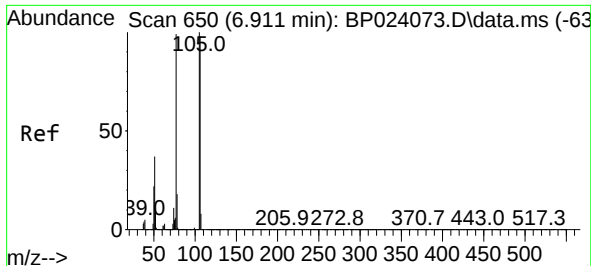


#8  
2-Chlorophenol  
Concen: 41.196 ng  
RT: 7.299 min Scan# 716  
Delta R.T. -0.035 min  
Lab File: BP024118.D  
Acq: 27 Feb 2025 13:00



Tgt Ion:128 Resp: 1170327  
Ion Ratio Lower Upper  
128 100  
130 32.7 11.5 51.5  
64 42.6 19.8 59.8





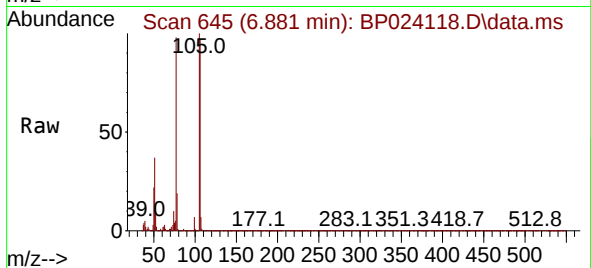
#9  
Benzaldehyde  
Concen: 30.351 ng  
RT: 6.881 min Scan# 645  
Delta R.T. -0.029 min  
Lab File: BP024118.D  
Acq: 27 Feb 2025 13:00

Instrument :

BNA\_P

ClientSampleId :

PB166894BS



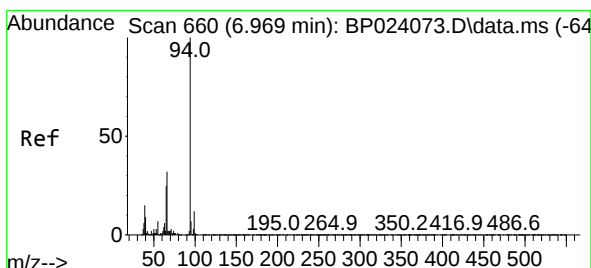
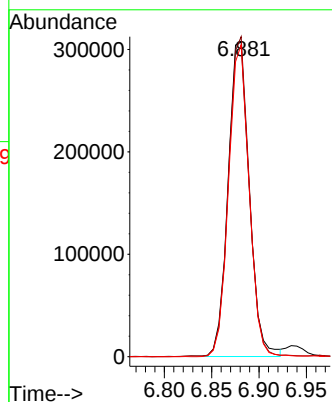
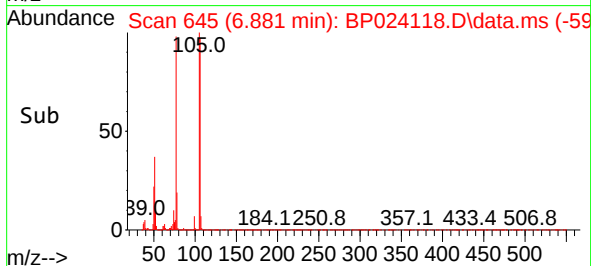
Tgt Ion: 77 Resp: 47802  
Ion Ratio Lower Upper  
77 100  
105 101.7 81.4 121.4  
106 99.1 79.0 119.0

Manual Integrations

APPROVED

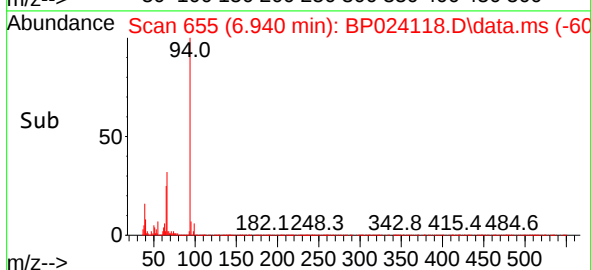
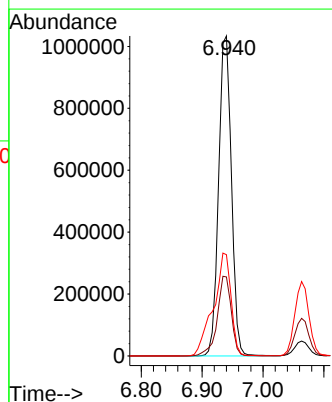
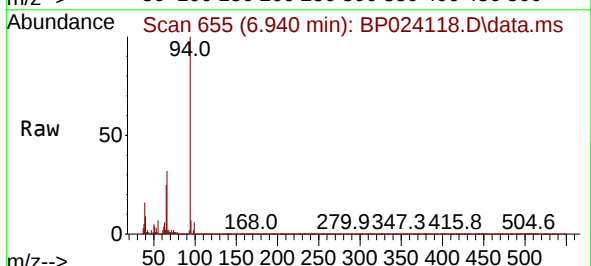
Reviewed By :Yogesh Patel 02/28/2025

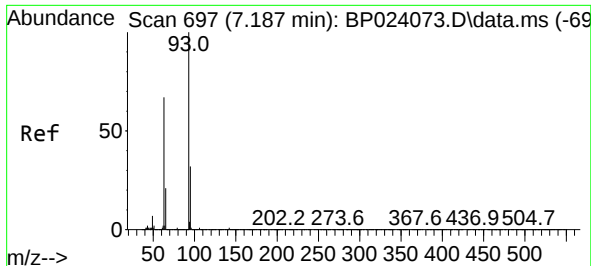
Supervised By :mohammad ahmed 02/28/2025



#10  
Phenol  
Concen: 43.443 ng  
RT: 6.940 min Scan# 655  
Delta R.T. -0.029 min  
Lab File: BP024118.D  
Acq: 27 Feb 2025 13:00

Tgt Ion: 94 Resp: 1507006  
Ion Ratio Lower Upper  
94 100  
65 24.7 5.0 45.0  
66 31.7 11.6 51.6





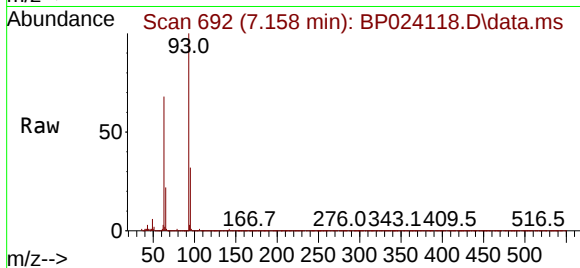
#11  
bis(2-Chloroethyl)ether  
Concen: 43.153 ng  
RT: 7.158 min Scan# 697  
Delta R.T. -0.029 min  
Lab File: BP024118.D  
Acq: 27 Feb 2025 13:00

Instrument :

BNA\_P

ClientSampleId :

PB166894BS



Tgt Ion: 93 Resp: 117904

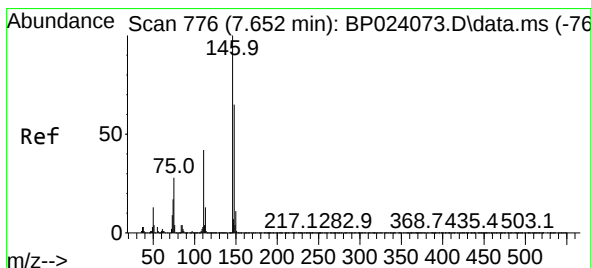
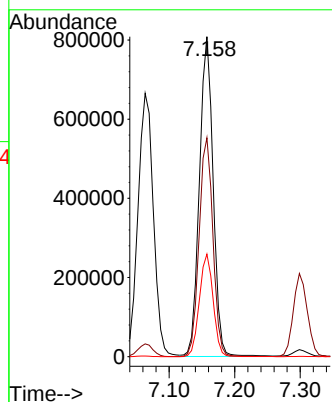
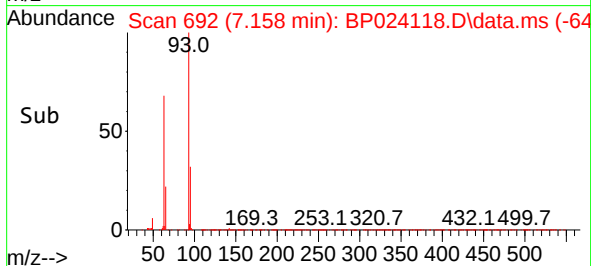
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 93  | 100   |       |       |
| 63  | 68.4  | 46.5  | 86.5  |
| 95  | 32.0  | 12.3  | 52.3  |

Manual Integrations

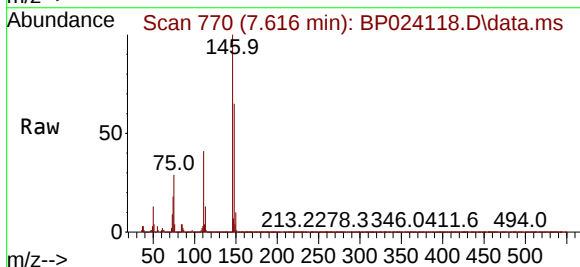
APPROVED

Reviewed By :Yogesh Patel 02/28/2025

Supervised By :mohammad ahmed 02/28/2025

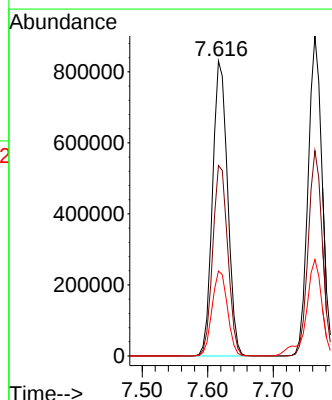
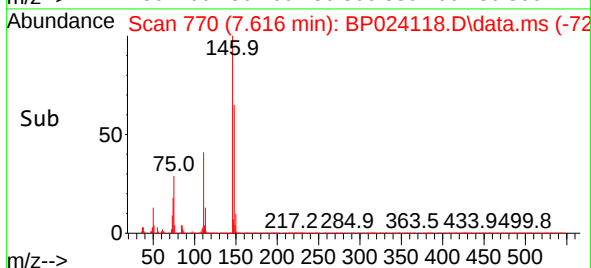


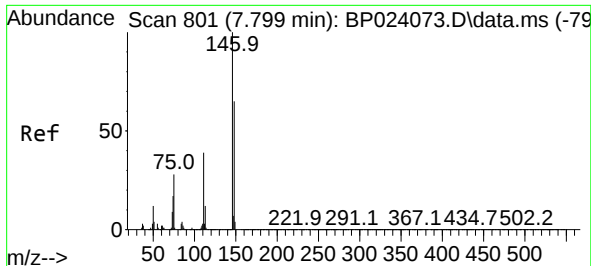
#12  
1,3-Dichlorobenzene  
Concen: 42.387 ng  
RT: 7.616 min Scan# 770  
Delta R.T. -0.035 min  
Lab File: BP024118.D  
Acq: 27 Feb 2025 13:00



Tgt Ion:146 Resp: 1322861

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 146 | 100   |       |       |
| 148 | 64.5  | 51.8  | 77.8  |
| 75  | 28.8  | 22.6  | 33.8  |





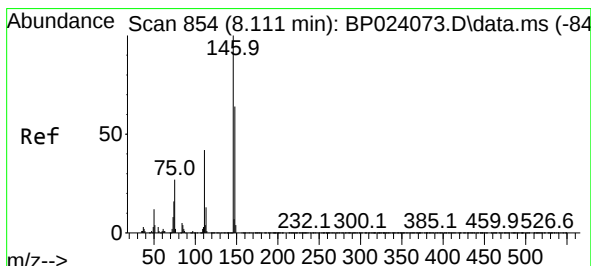
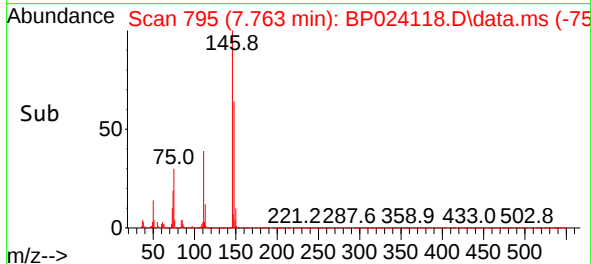
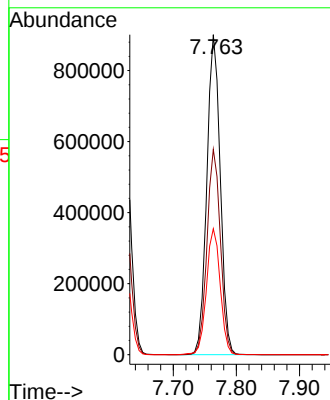
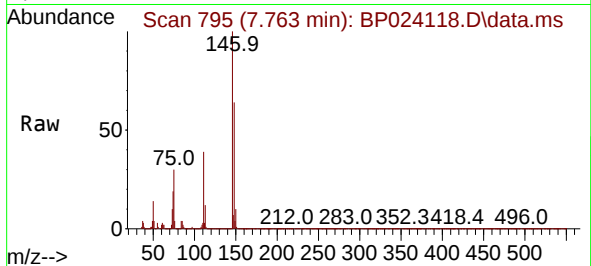
#13  
1,4-Dichlorobenzene  
Concen: 42.179 ng  
RT: 7.763 min Scan# 741  
Delta R.T. -0.035 min  
Lab File: BP024118.D  
Acq: 27 Feb 2025 13:00

Instrument :  
BNA\_P  
ClientSampleId :  
PB166894BS

Tgt Ion:146 Resp: 1331259  
Ion Ratio Lower Upper  
146 100  
148 64.2 51.6 77.4  
111 39.3 31.2 46.8

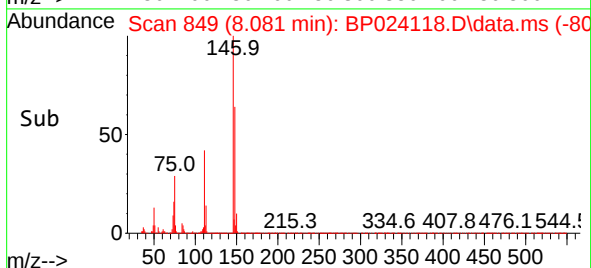
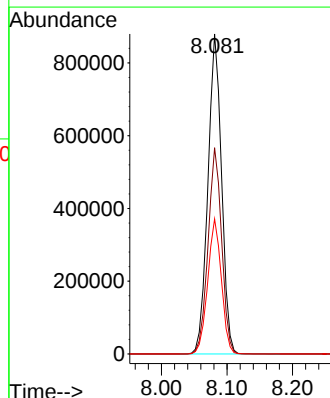
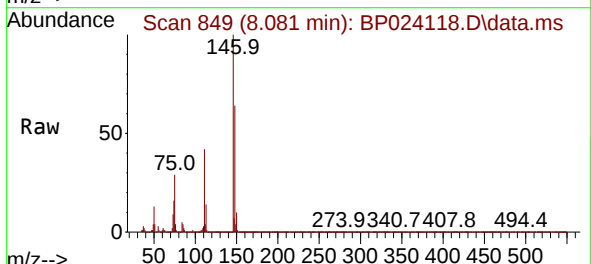
Manual Integrations  
APPROVED

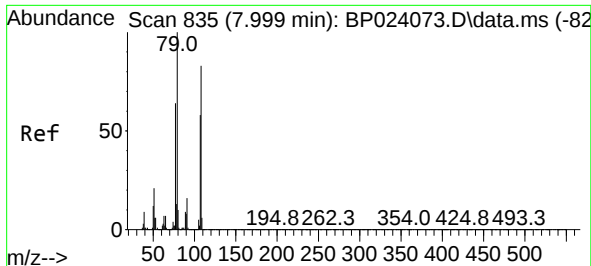
Reviewed By :Yogesh Patel 02/28/2025  
Supervised By :mohammad ahmed 02/28/2025



#14  
1,2-Dichlorobenzene  
Concen: 42.112 ng  
RT: 8.081 min Scan# 849  
Delta R.T. -0.029 min  
Lab File: BP024118.D  
Acq: 27 Feb 2025 13:00

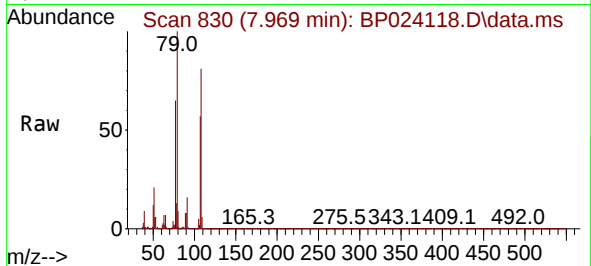
Tgt Ion:146 Resp: 1275564  
Ion Ratio Lower Upper  
146 100  
148 64.5 51.2 76.8  
111 42.2 33.4 50.0





#15  
Benzyl Alcohol  
Concen: 42.939 ng  
RT: 7.969 min Scan# 81  
Delta R.T. -0.029 min  
Lab File: BP024118.D  
Acq: 27 Feb 2025 13:00

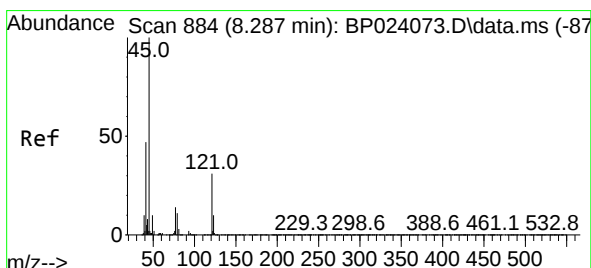
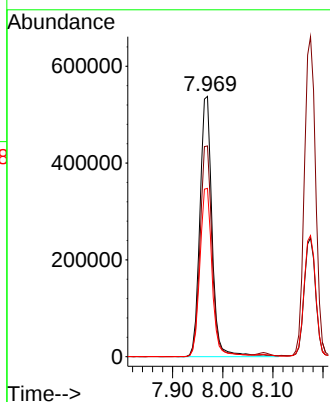
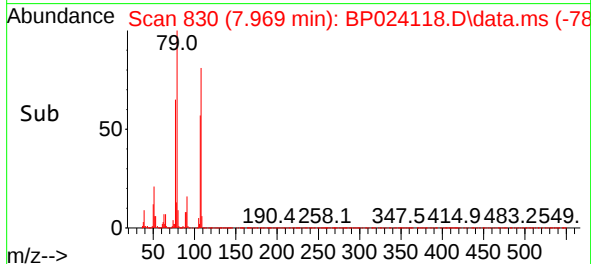
Instrument :  
BNA\_P  
ClientSampleId :  
PB166894BS



Tgt Ion: 79 Resp: 906699  
Ion Ratio Lower Upper  
79 100  
108 80.9 66.4 99.6  
77 64.7 51.3 76.9

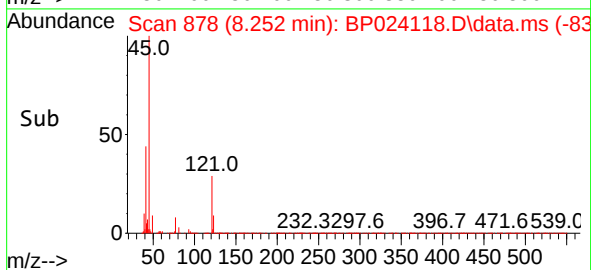
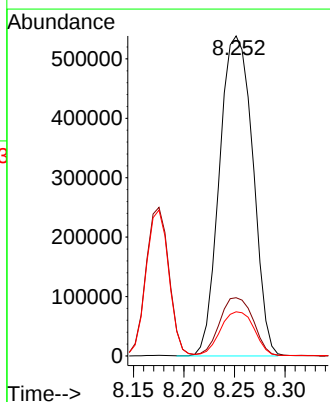
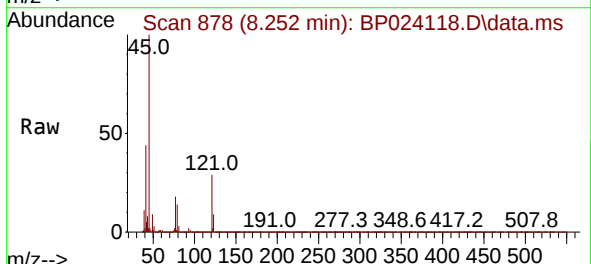
Manual Integrations  
APPROVED

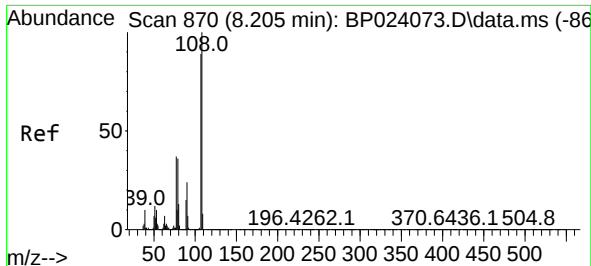
Reviewed By :Yogesh Patel 02/28/2025  
Supervised By :mohammad ahmed 02/28/2025



#16  
2,2'-oxybis(1-Chloropropane)  
Concen: 46.610 ng m  
RT: 8.252 min Scan# 878  
Delta R.T. -0.035 min  
Lab File: BP024118.D  
Acq: 27 Feb 2025 13:00

Tgt Ion: 45 Resp: 1236225  
Ion Ratio Lower Upper  
45 100  
77 18.2 0.0 38.8  
79 13.8 0.0 35.4





#17  
2-Methylphenol  
Concen: 43.682 ng  
RT: 8.175 min Scan# 80  
Delta R.T. -0.029 min  
Lab File: BP024118.D  
Acq: 27 Feb 2025 13:00

Instrument :

BNA\_P

ClientSampleId :

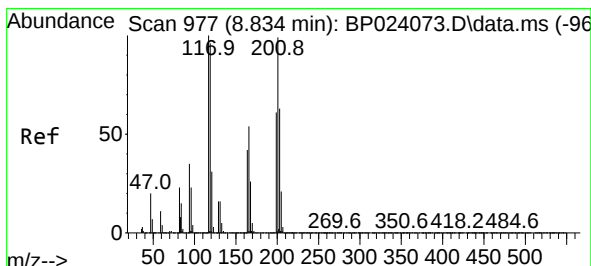
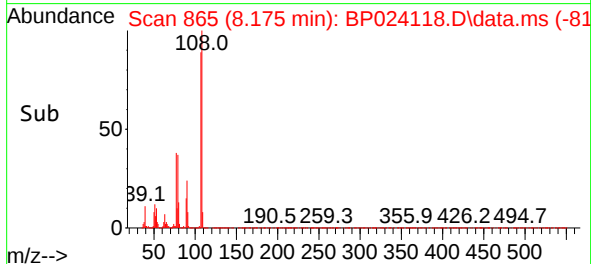
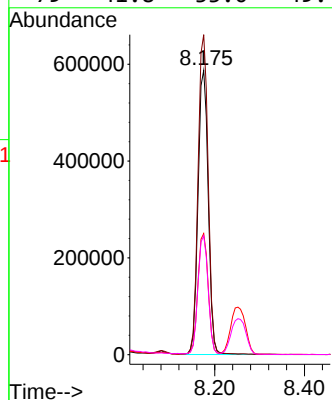
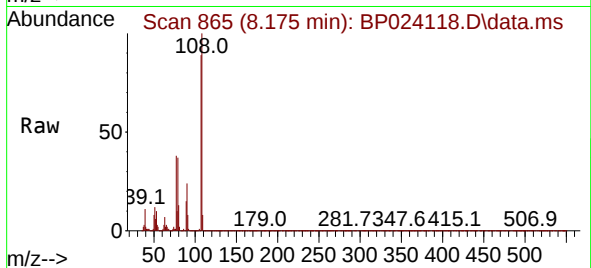
PB166894BS

Tgt Ion:107 Resp: 923414  
Ion Ratio Lower Upper  
107 100  
108 112.5 90.0 135.0  
77 42.6 33.8 50.6  
79 41.8 33.0 49.4

Manual Integrations

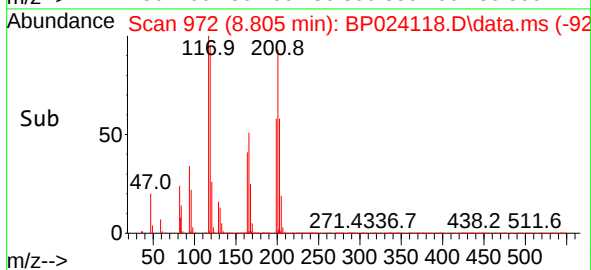
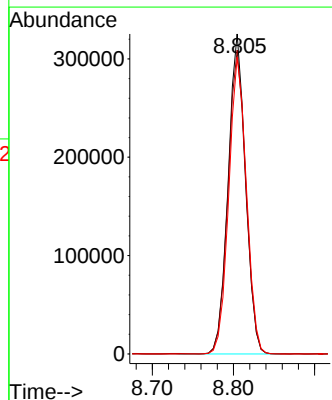
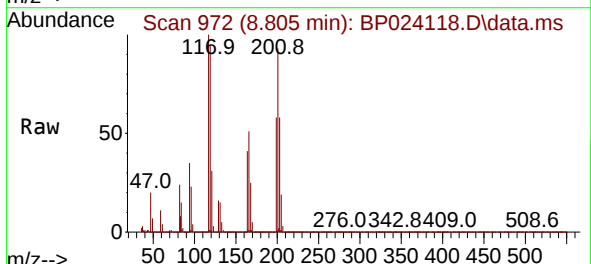
APPROVED

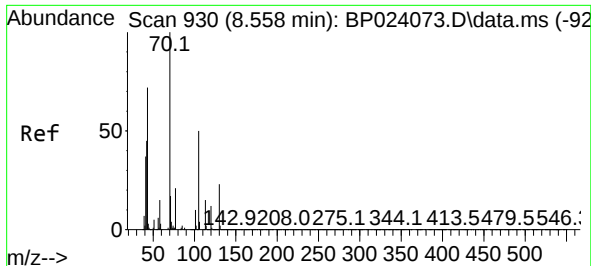
Reviewed By :Yogesh Patel 02/28/2025  
Supervised By :mohammad ahmed 02/28/2025



#18  
Hexachloroethane  
Concen: 42.650 ng  
RT: 8.805 min Scan# 972  
Delta R.T. -0.029 min  
Lab File: BP024118.D  
Acq: 27 Feb 2025 13:00

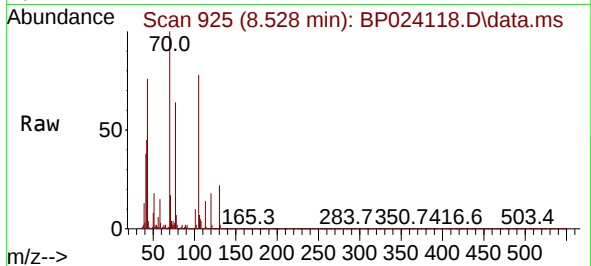
Tgt Ion:117 Resp: 484787  
Ion Ratio Lower Upper  
117 100  
119 94.9 76.9 115.3  
201 92.8 79.4 119.2





#19  
n-Nitroso-di-n-propylamine  
Concen: 43.151 ng  
RT: 8.528 min Scan# 91  
Delta R.T. -0.029 min  
Lab File: BP024118.D  
Acq: 27 Feb 2025 13:00

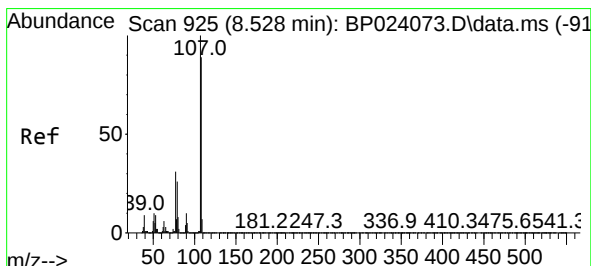
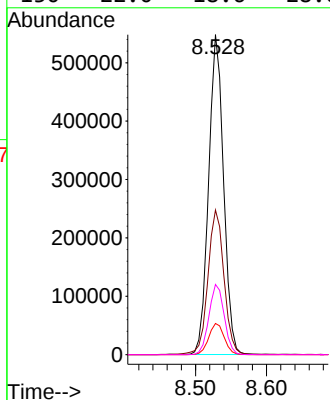
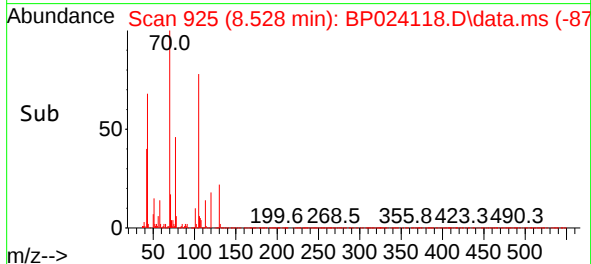
Instrument :  
BNA\_P  
ClientSampleId :  
PB166894BS



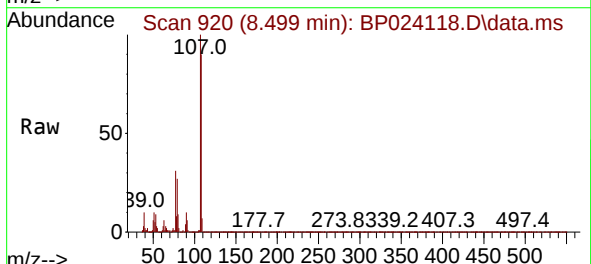
Tgt Ion: 70 Resp: 800372  
Ion Ratio Lower Upper  
70 100  
42 45.2 36.6 54.8  
101 9.8 8.2 12.2  
130 22.0 18.6 28.0

Manual Integrations  
APPROVED

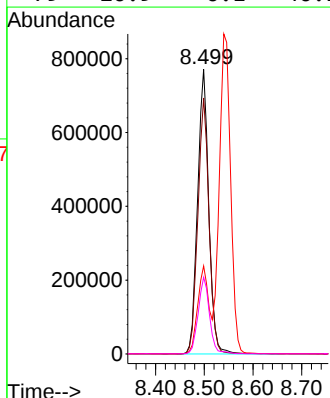
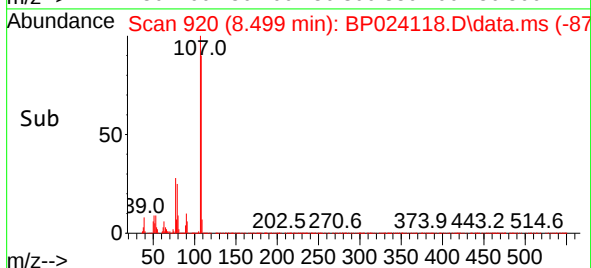
Reviewed By :Yogesh Patel 02/28/2025  
Supervised By :mohammad ahmed 02/28/2025

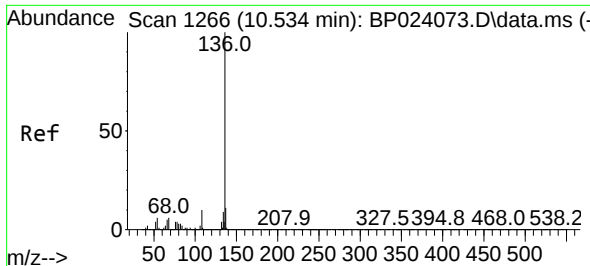


#20  
3+4-Methylphenols  
Concen: 42.954 ng  
RT: 8.499 min Scan# 920  
Delta R.T. -0.029 min  
Lab File: BP024118.D  
Acq: 27 Feb 2025 13:00



Tgt Ion:107 Resp: 1235246  
Ion Ratio Lower Upper  
107 100  
108 89.9 68.5 108.5  
77 30.9 10.7 50.7  
79 26.9 6.1 46.1





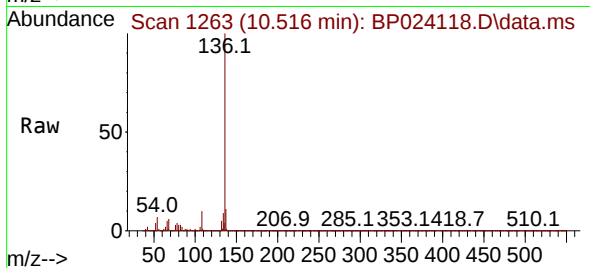
#21  
Naphthalene-d8  
Concen: 20.000 ng  
RT: 10.516 min Scan# 101  
Delta R.T. -0.018 min  
Lab File: BP024118.D  
Acq: 27 Feb 2025 13:00

Instrument :

BNA\_P

ClientSampleId :

PB166894BS

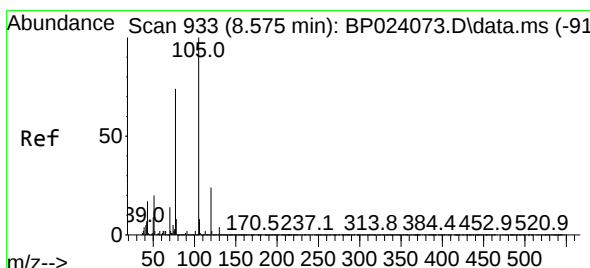
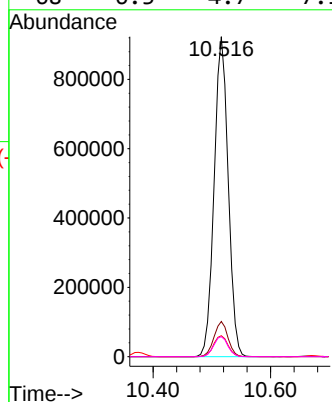
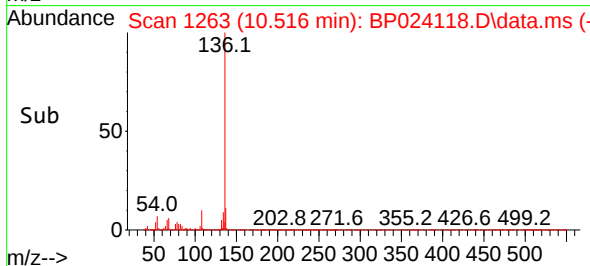


Tgt Ion:136 Resp: 153138  
Ion Ratio Lower Upper  
136 100  
137 11.0 8.7 13.1  
54 6.6 4.9 7.3  
68 6.3 4.7 7.1

Manual Integrations

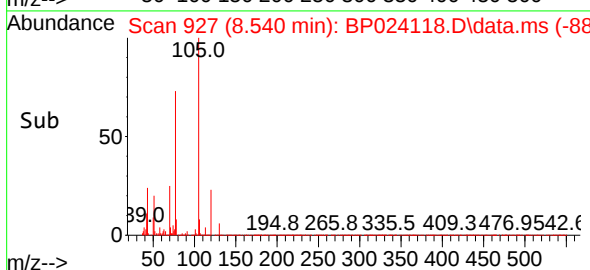
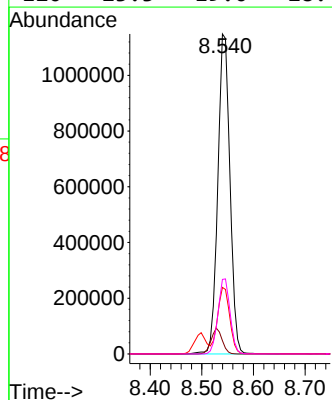
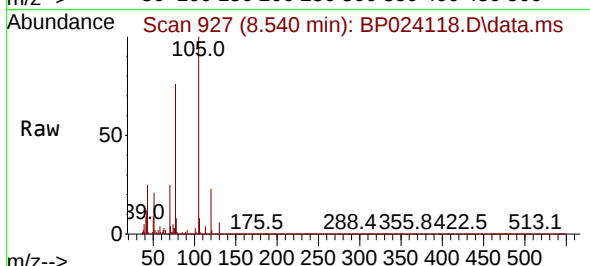
APPROVED

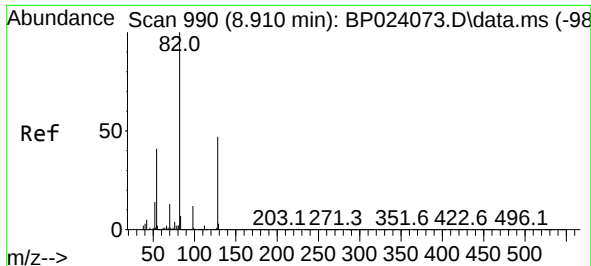
Reviewed By :Yogesh Patel 02/28/2025  
Supervised By :mohammad ahmed 02/28/2025



#22  
Acetophenone  
Concen: 47.629 ng  
RT: 8.540 min Scan# 927  
Delta R.T. -0.035 min  
Lab File: BP024118.D  
Acq: 27 Feb 2025 13:00

Tgt Ion:105 Resp: 1874302  
Ion Ratio Lower Upper  
105 100  
71 4.2 1.9 2.9#  
51 20.8 16.3 24.5  
120 23.3 19.0 28.4





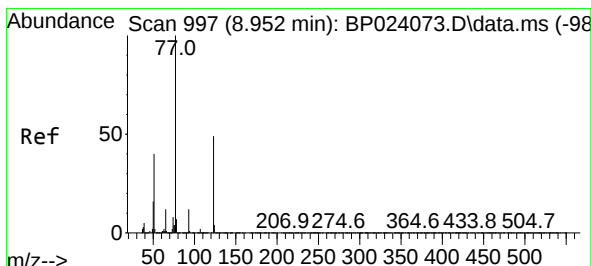
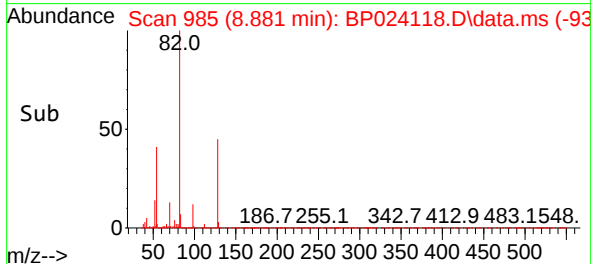
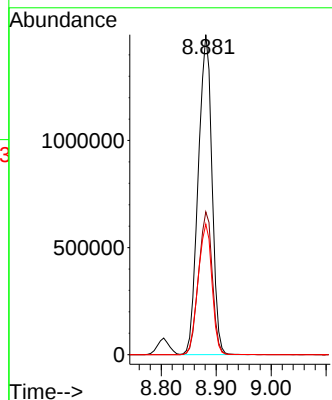
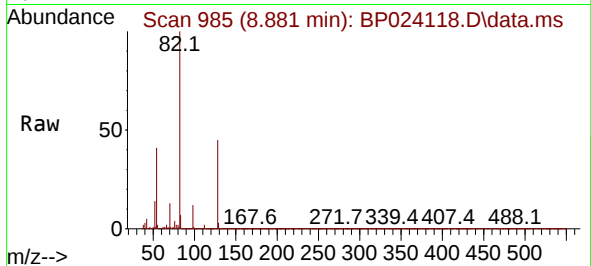
#23  
Nitrobenzene-d5  
Concen: 94.436 ng  
RT: 8.881 min Scan# 91  
Delta R.T. -0.029 min  
Lab File: BP024118.D  
Acq: 27 Feb 2025 13:00

Instrument :  
BNA\_P  
ClientSampleId :  
PB166894BS

Tgt Ion: 82 Resp: 2592234  
Ion Ratio Lower Upper  
82 100  
128 44.6 37.4 56.2  
54 40.8 32.4 48.6

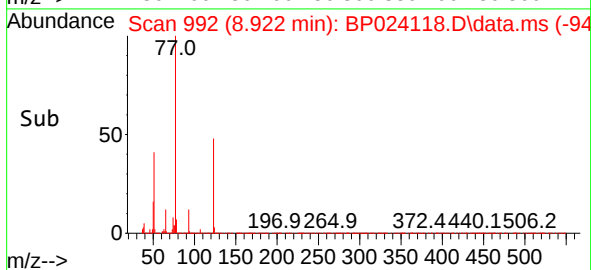
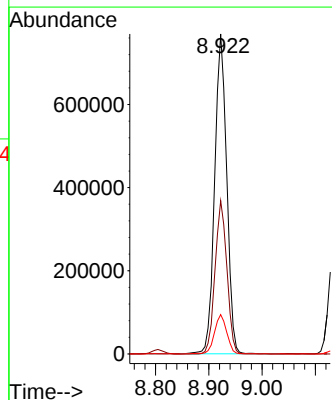
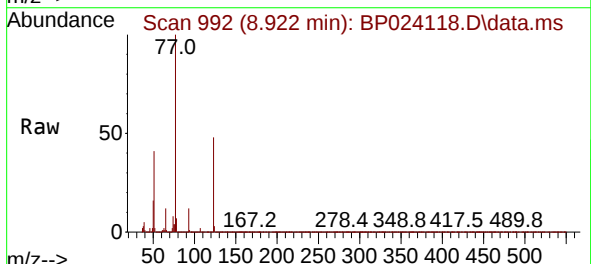
Manual Integrations  
APPROVED

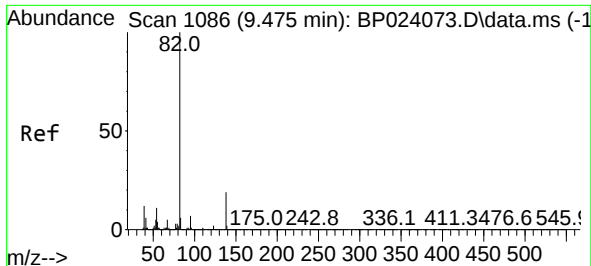
Reviewed By :Yogesh Patel 02/28/2025  
Supervised By :mohammad ahmed 02/28/2025



#24  
Nitrobenzene  
Concen: 44.724 ng  
RT: 8.922 min Scan# 992  
Delta R.T. -0.029 min  
Lab File: BP024118.D  
Acq: 27 Feb 2025 13:00

Tgt Ion: 77 Resp: 1208205  
Ion Ratio Lower Upper  
77 100  
123 47.9 39.4 59.2  
65 12.3 9.9 14.9





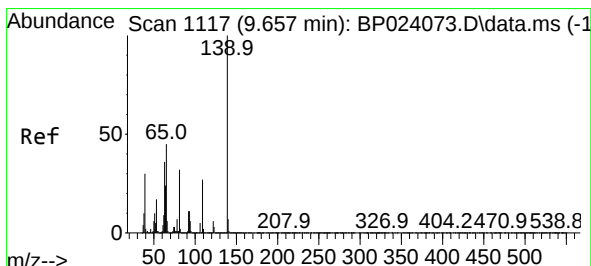
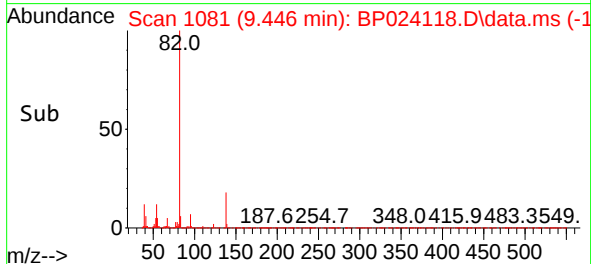
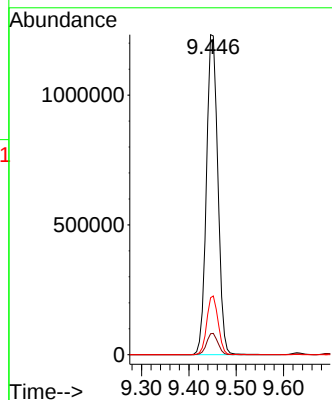
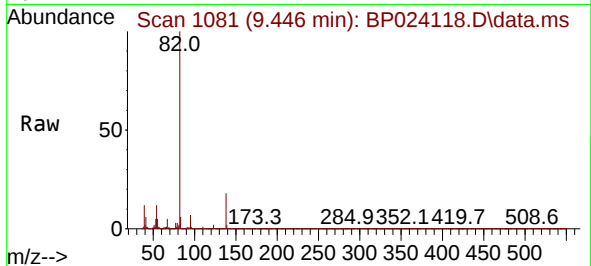
#25  
Isophorone  
Concen: 46.021 ng  
RT: 9.446 min Scan# 1086  
Delta R.T. -0.029 min  
Lab File: BP024118.D  
Acq: 27 Feb 2025 13:00

Instrument :  
BNA\_P  
ClientSampleId :  
PB166894BS

Tgt Ion: 82 Resp: 206577  
Ion Ratio Lower Upper  
82 100  
95 6.6 5.4 8.0  
138 17.8 15.3 22.9

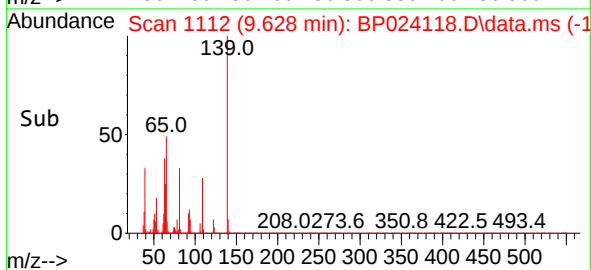
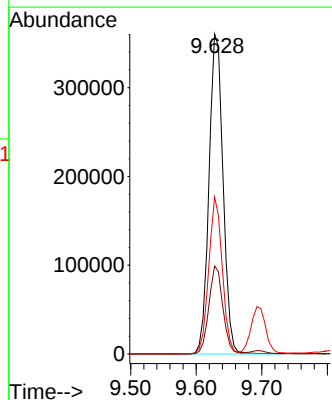
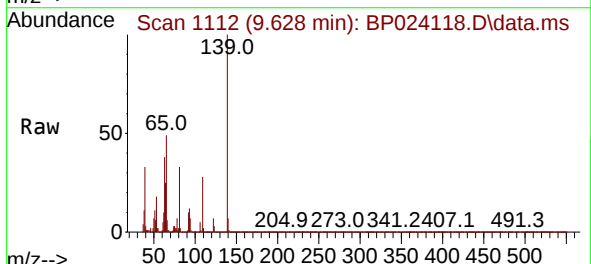
Manual Integrations  
APPROVED

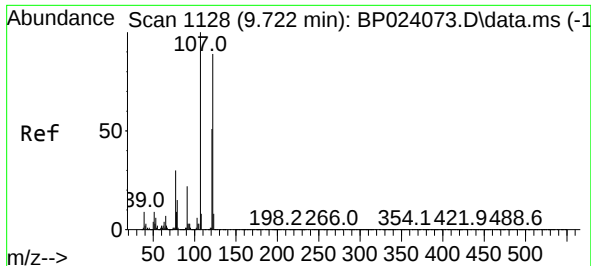
Reviewed By :Yogesh Patel 02/28/2025  
Supervised By :mohammad ahmed 02/28/2025



#26  
2-Nitrophenol  
Concen: 43.257 ng  
RT: 9.628 min Scan# 1112  
Delta R.T. -0.029 min  
Lab File: BP024118.D  
Acq: 27 Feb 2025 13:00

Tgt Ion:139 Resp: 538371  
Ion Ratio Lower Upper  
139 100  
109 27.5 21.7 32.5  
65 49.1 36.1 54.1





#27

2,4-Dimethylphenol

Concen: 55.169 ng

RT: 9.693 min Scan# 1128

Delta R.T. -0.029 min

Lab File: BP024118.D

Acq: 27 Feb 2025 13:00

Instrument :

BNA\_P

ClientSampleId :

PB166894BS

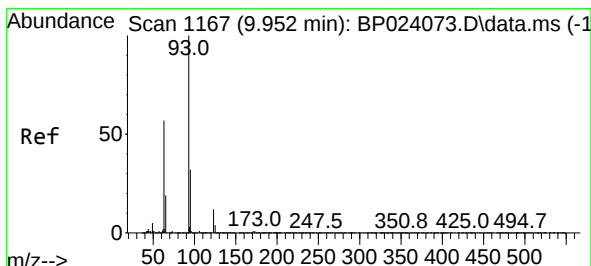
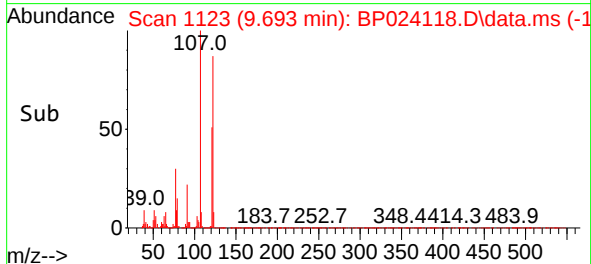
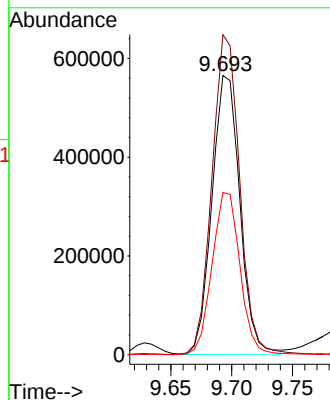
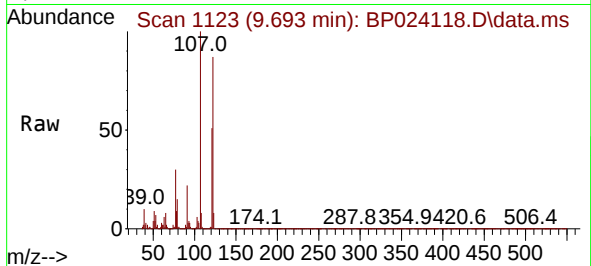
Tgt Ion:122 Resp: 90131  
 Ion Ratio Lower Upper  
 122 100  
 107 114.6 89.8 134.8  
 121 58.1 45.9 68.9

Manual Integrations

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Reviewed By :Yogesh Patel 02/28/2025

Supervised By :mohammad ahmed 02/28/2025



#28

bis(2-Chloroethoxy)methane

Concen: 42.343 ng

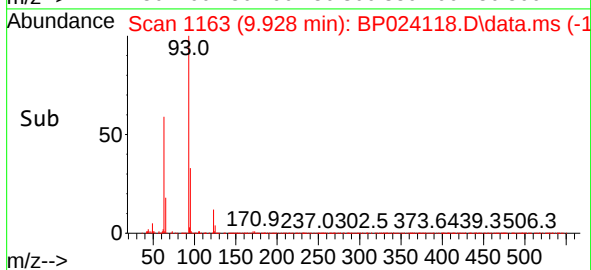
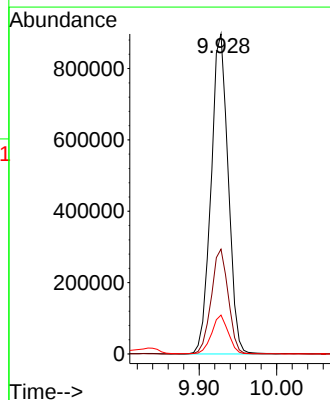
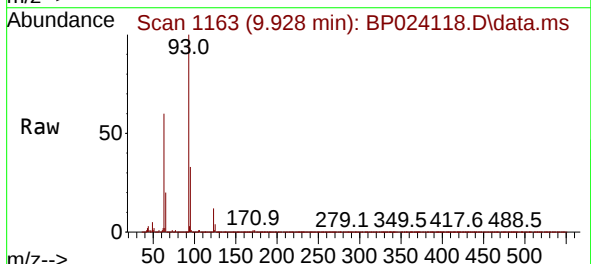
RT: 9.928 min Scan# 1163

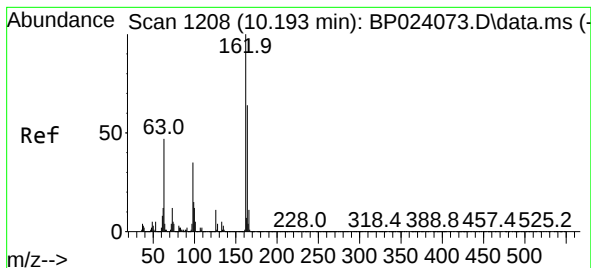
Delta R.T. -0.024 min

Lab File: BP024118.D

Acq: 27 Feb 2025 13:00

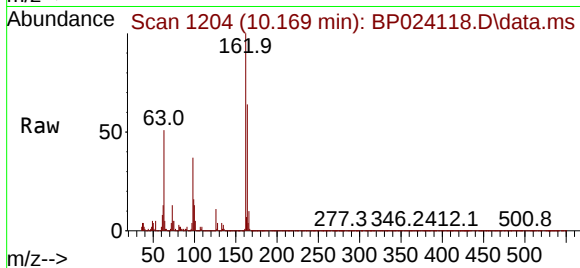
Tgt Ion: 93 Resp: 1376927  
 Ion Ratio Lower Upper  
 93 100  
 95 32.7 25.9 38.9  
 123 12.2 9.7 14.5





#29  
2,4-Dichlorophenol  
Concen: 42.147 ng  
RT: 10.169 min Scan# 1204  
Delta R.T. -0.024 min  
Lab File: BP024118.D  
Acq: 27 Feb 2025 13:00

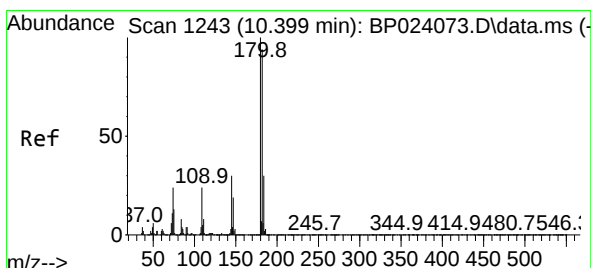
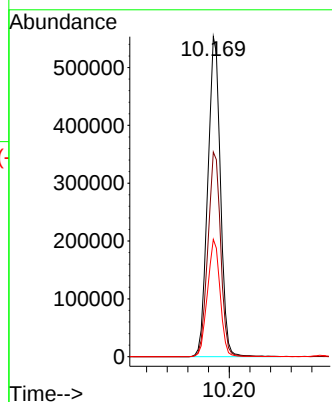
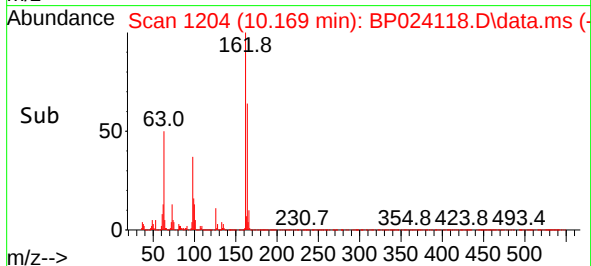
Instrument :  
BNA\_P  
ClientSampleId :  
PB166894BS



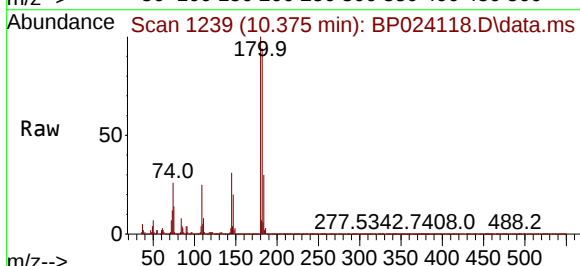
Tgt Ion:162 Resp: 939680  
Ion Ratio Lower Upper  
162 100  
164 63.9 44.5 84.5  
98 36.6 15.3 55.3

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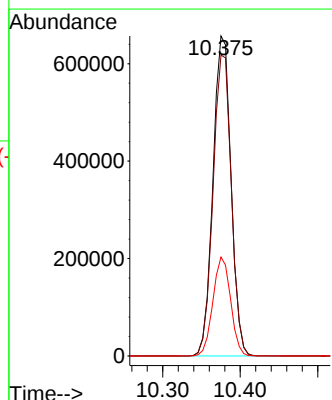
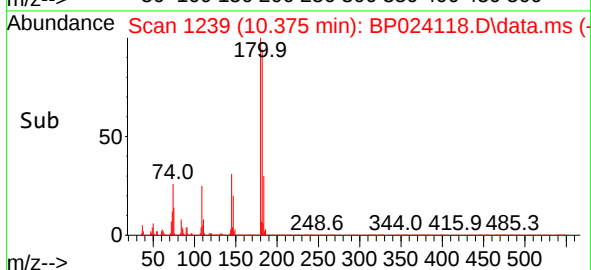
Reviewed By :Yogesh Patel 02/28/2025  
Supervised By :mohammad ahmed 02/28/2025

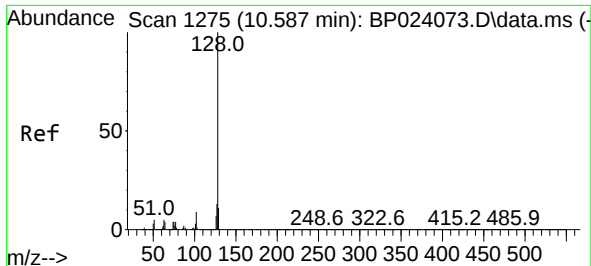


#30  
1,2,4-Trichlorobenzene  
Concen: 41.518 ng  
RT: 10.375 min Scan# 1239  
Delta R.T. -0.024 min  
Lab File: BP024118.D  
Acq: 27 Feb 2025 13:00



Tgt Ion:180 Resp: 1060579  
Ion Ratio Lower Upper  
180 100  
182 94.0 75.4 113.2  
145 30.9 24.0 36.0





#31  
Naphthalene  
Concen: 41.285 ng  
RT: 10.569 min Scan# 1148  
Delta R.T. -0.018 min  
Lab File: BP024118.D  
Acq: 27 Feb 2025 13:00

Instrument :

BNA\_P

ClientSampleId :

PB166894BS

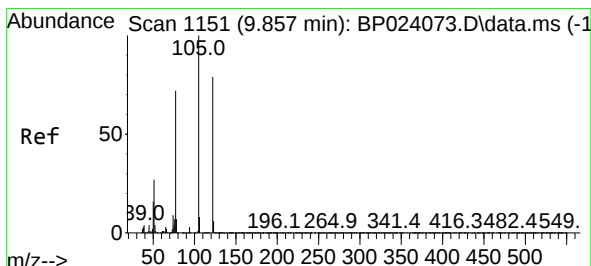
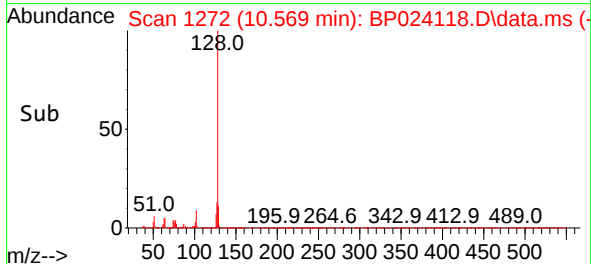
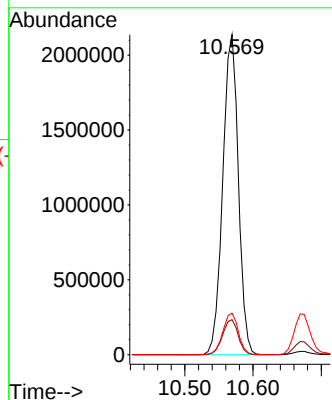
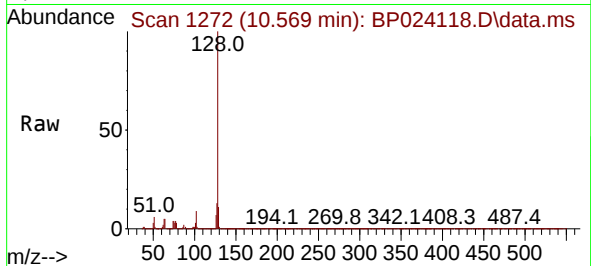
Tgt Ion:128 Resp: 3399518  
Ion Ratio Lower Upper  
128 100  
129 10.9 8.6 13.0  
127 13.0 10.3 15.5

Manual Integrations

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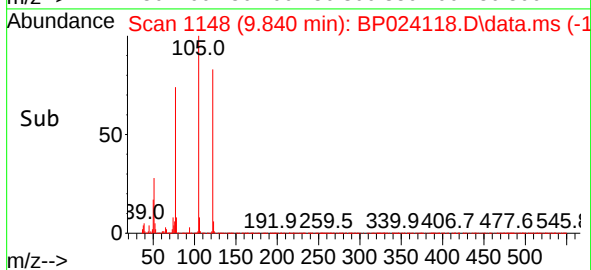
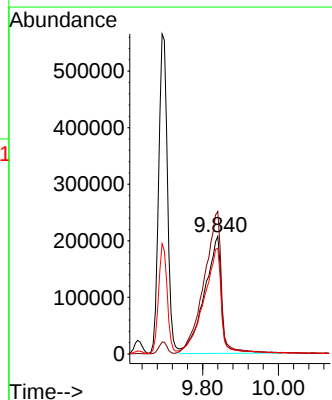
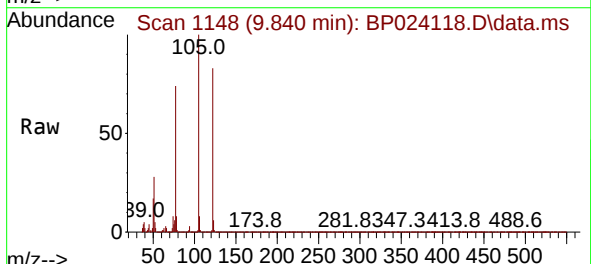
Reviewed By :Yogesh Patel 02/28/2025

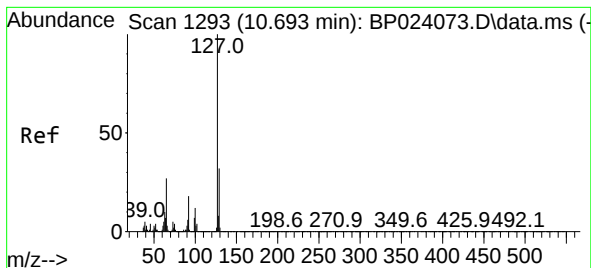
Supervised By :mohammad ahmed 02/28/2025



#32  
Benzoic acid  
Concen: 39.372 ng  
RT: 9.840 min Scan# 1148  
Delta R.T. -0.017 min  
Lab File: BP024118.D  
Acq: 27 Feb 2025 13:00

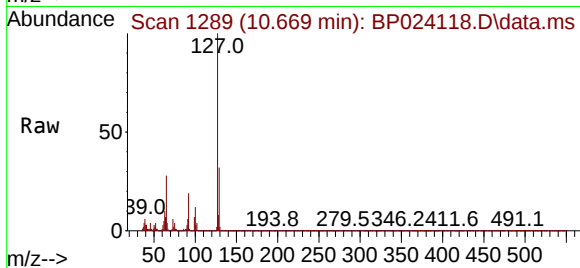
Tgt Ion:122 Resp: 647569  
Ion Ratio Lower Upper  
122 100  
105 121.2 103.7 143.7  
77 89.9 69.9 109.9





#33  
4-Chloroaniline  
Concen: 16.269 ng  
RT: 10.669 min Scan# 1289  
Delta R.T. -0.024 min  
Lab File: BP024118.D  
Acq: 27 Feb 2025 13:00

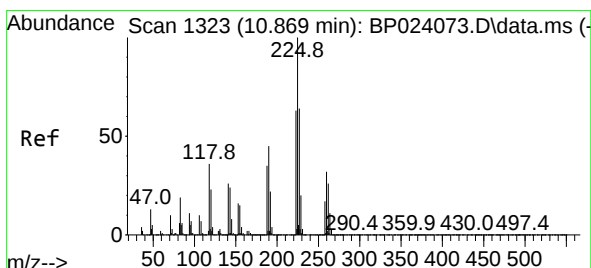
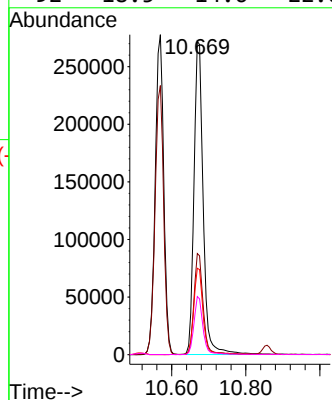
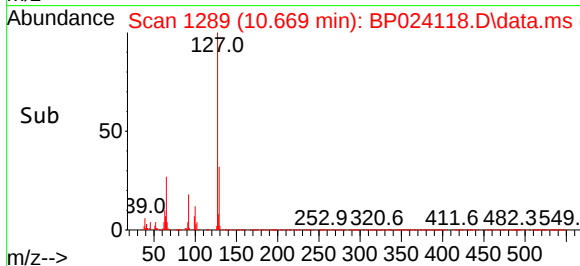
Instrument :  
BNA\_P  
ClientSampleId :  
PB166894BS



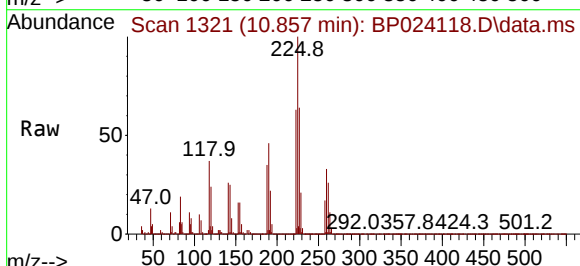
Tgt Ion:127 Resp: 471925  
Ion Ratio Lower Upper  
127 100  
129 32.3 25.4 38.0  
65 27.6 21.3 31.9  
92 18.5 14.6 22.0

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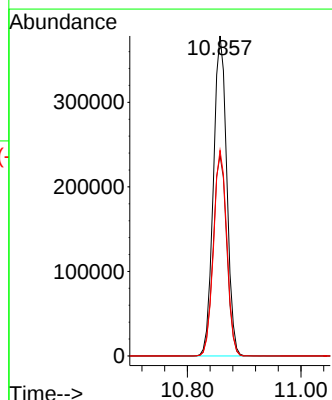
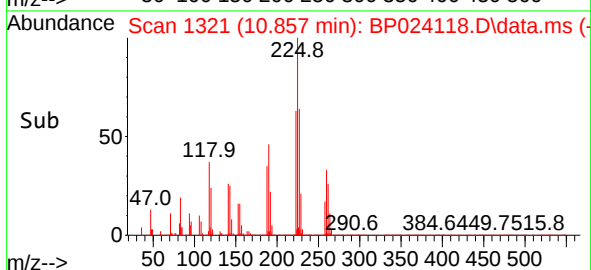
Reviewed By :Yogesh Patel 02/28/2025  
Supervised By :mohammad ahmed 02/28/2025

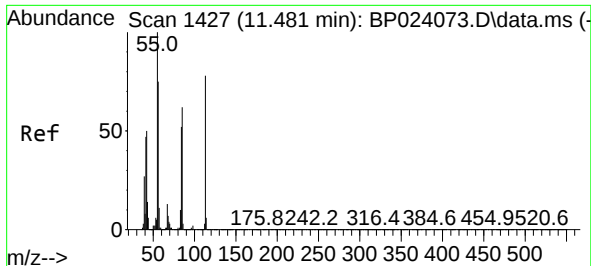


#34  
Hexachlorobutadiene  
Concen: 41.713 ng  
RT: 10.857 min Scan# 1321  
Delta R.T. -0.012 min  
Lab File: BP024118.D  
Acq: 27 Feb 2025 13:00



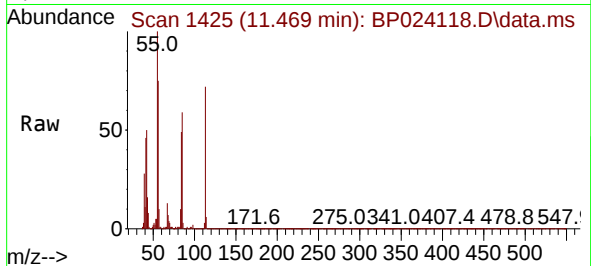
Tgt Ion:225 Resp: 617176  
Ion Ratio Lower Upper  
225 100  
223 62.6 50.5 75.7  
227 64.3 51.3 76.9





#35  
Caprolactam  
Concen: 43.300 ng  
RT: 11.469 min Scan# 1425  
Delta R.T. -0.012 min  
Lab File: BP024118.D  
Acq: 27 Feb 2025 13:00

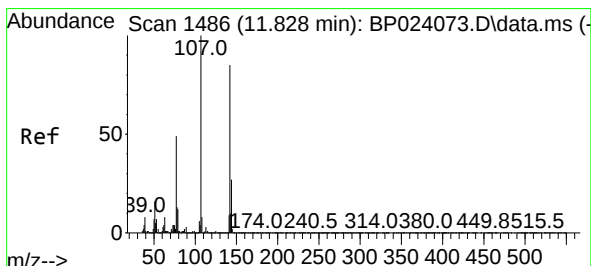
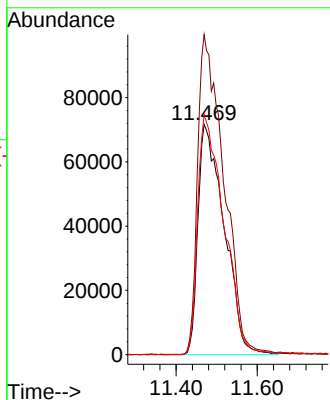
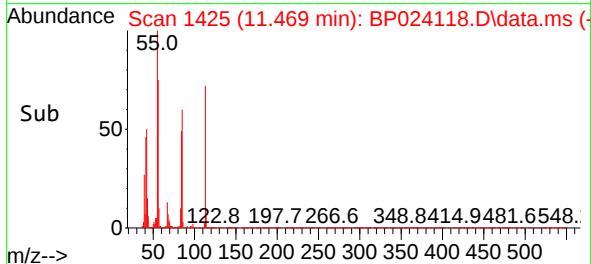
Instrument :  
BNA\_P  
ClientSampleId :  
PB166894BS



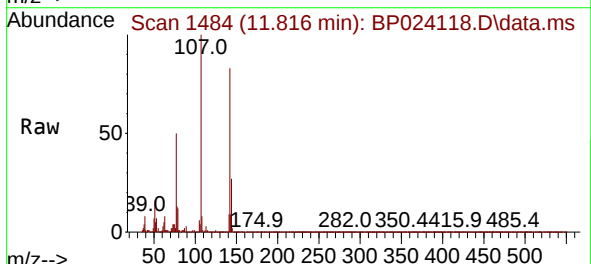
Tgt Ion:113 Resp: 320530  
Ion Ratio Lower Upper  
113 100  
55 139.0 108.8 148.8  
56 104.3 76.5 116.5

Manual Integrations  
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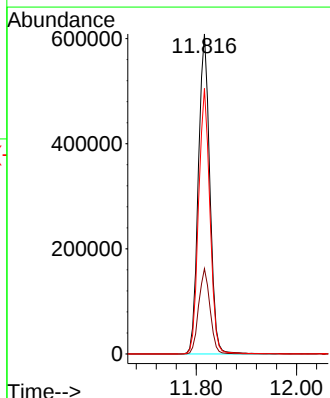
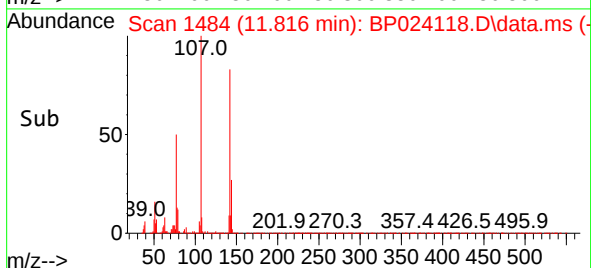
Reviewed By :Yogesh Patel 02/28/2025  
Supervised By :mohammad ahmed 02/28/2025

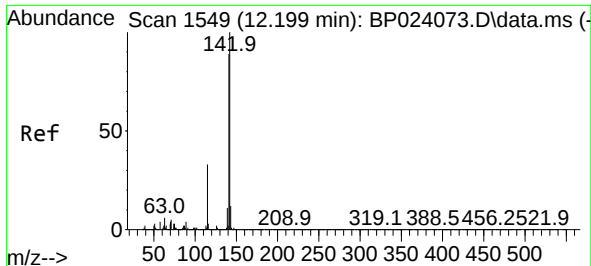


#36  
4-Chloro-3-methylphenol  
Concen: 42.087 ng  
RT: 11.816 min Scan# 1484  
Delta R.T. -0.012 min  
Lab File: BP024118.D  
Acq: 27 Feb 2025 13:00



Tgt Ion:107 Resp: 964629  
Ion Ratio Lower Upper  
107 100  
144 26.6 21.8 32.8  
142 82.9 67.8 101.8





#37  
2-Methylnaphthalene  
Concen: 39.312 ng  
RT: 12.181 min Scan# 1549  
Delta R.T. -0.018 min  
Lab File: BP024118.D  
Acq: 27 Feb 2025 13:00

Instrument :

BNA\_P

ClientSampleId :

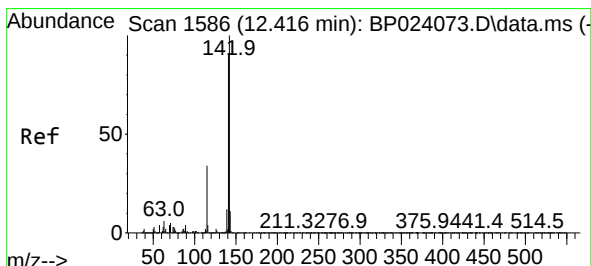
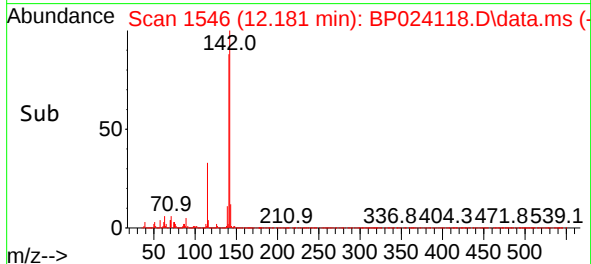
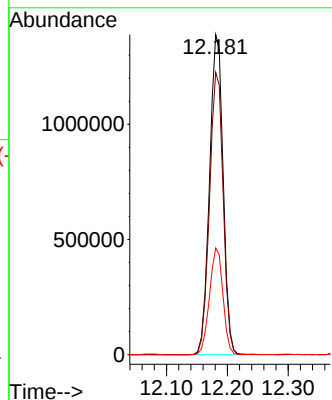
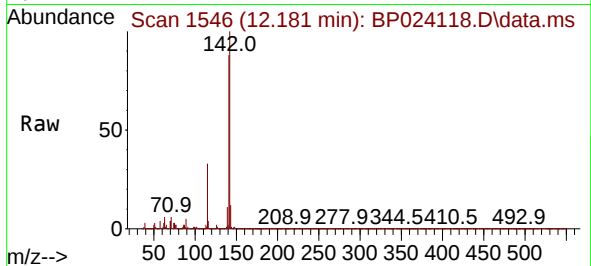
PB166894BS

Tgt Ion:142 Resp: 2151520  
Ion Ratio Lower Upper  
142 100  
141 88.2 71.2 106.8  
115 33.3 26.5 39.7

Manual Integrations

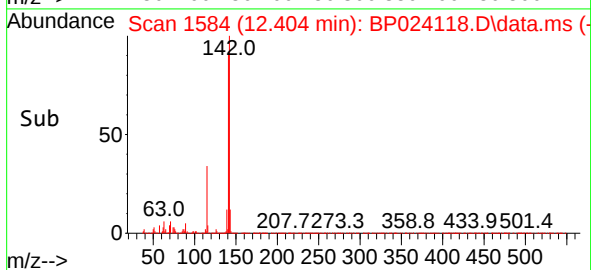
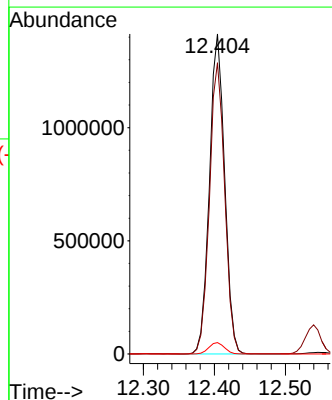
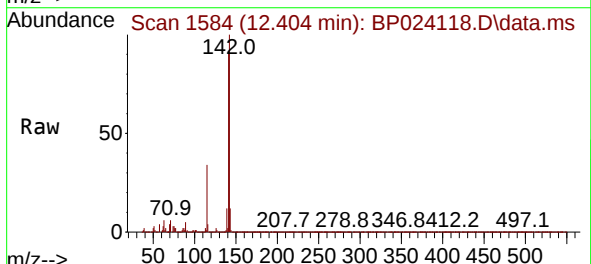
APPROVED

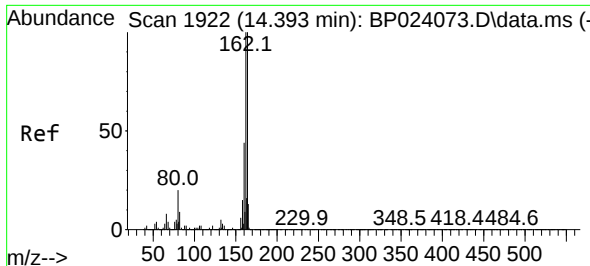
Reviewed By :Yogesh Patel 02/28/2025  
Supervised By :mohammad ahmed 02/28/2025



#38  
1-Methylnaphthalene  
Concen: 39.499 ng  
RT: 12.404 min Scan# 1584  
Delta R.T. -0.012 min  
Lab File: BP024118.D  
Acq: 27 Feb 2025 13:00

Tgt Ion:142 Resp: 2102964  
Ion Ratio Lower Upper  
142 100  
141 91.0 73.0 109.6  
116 3.6 2.8 4.2





#39  
Acenaphthene-d10  
Concen: 20.000 ng  
RT: 14.381 min Scan# 1922  
Delta R.T. -0.012 min  
Lab File: BP024118.D  
Acq: 27 Feb 2025 13:00

Instrument :

BNA\_P

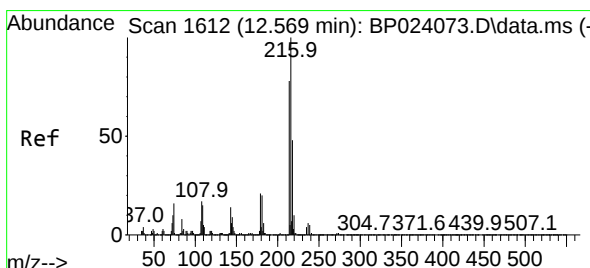
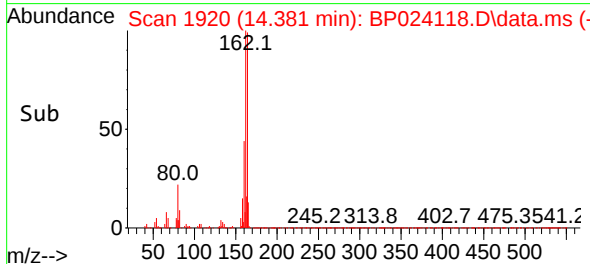
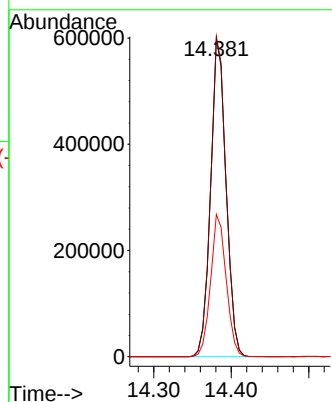
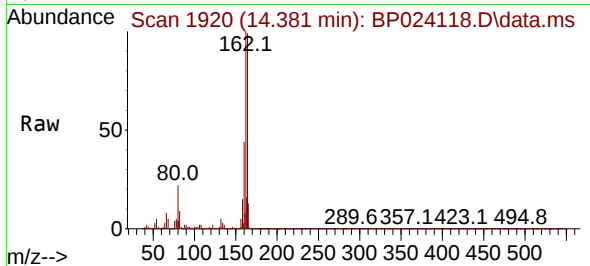
ClientSampleId :

PB166894BS

Tgt Ion:164 Resp: 82703  
Ion Ratio Lower Upper  
164 100  
162 100.6 80.1 120.1  
160 44.7 35.6 53.4

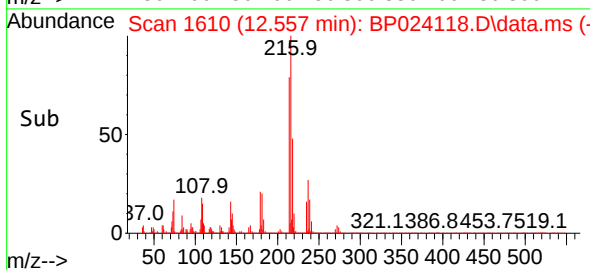
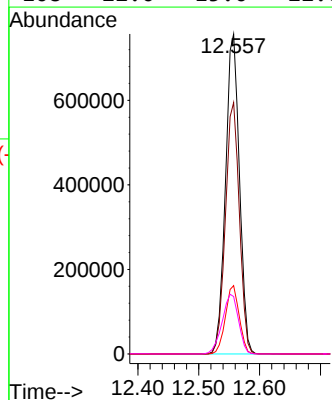
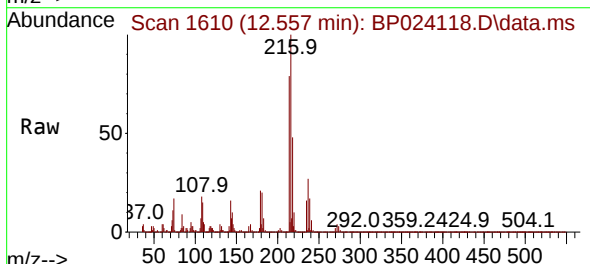
Manual Integrations  
APPROVED

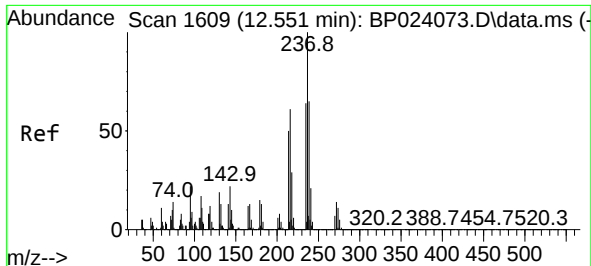
Reviewed By :Yogesh Patel 02/28/2025  
Supervised By :mohammad ahmed 02/28/2025



#40  
1,2,4,5-Tetrachlorobenzene  
Concen: 47.284 ng  
RT: 12.557 min Scan# 1610  
Delta R.T. -0.012 min  
Lab File: BP024118.D  
Acq: 27 Feb 2025 13:00

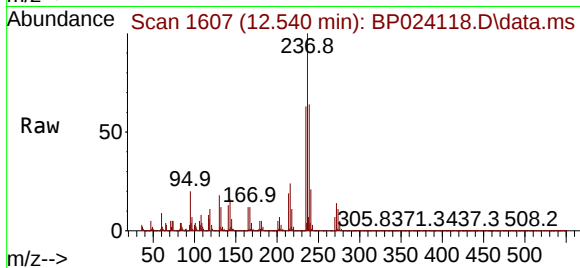
Tgt Ion:216 Resp: 1201536  
Ion Ratio Lower Upper  
216 100  
214 78.8 62.7 94.1  
179 21.3 16.6 25.0  
108 22.0 15.0 22.6





#41  
Hexachlorocyclopentadiene  
Concen: 160.411 ng  
RT: 12.540 min Scan# 1607  
Delta R.T. -0.012 min  
Lab File: BP024118.D  
Acq: 27 Feb 2025 13:00

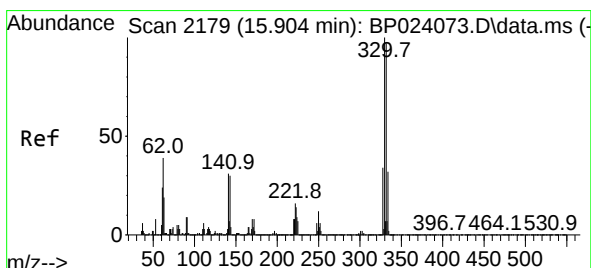
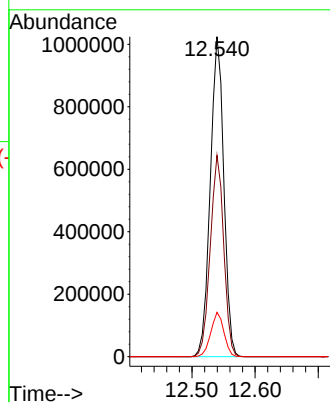
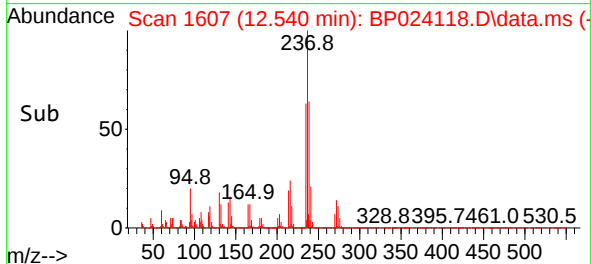
Instrument :  
BNA\_P  
ClientSampleId :  
PB166894BS



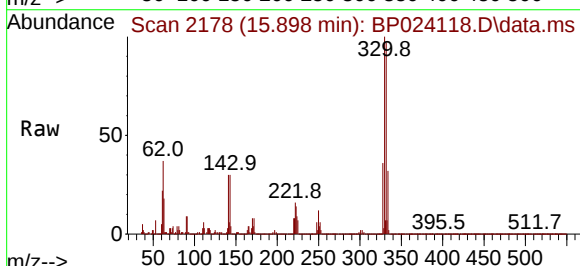
Tgt Ion:237 Resp: 151680  
Ion Ratio Lower Upper  
237 100  
235 62.9 43.5 83.5  
272 13.8 0.0 33.7

Manual Integrations  
APPROVED

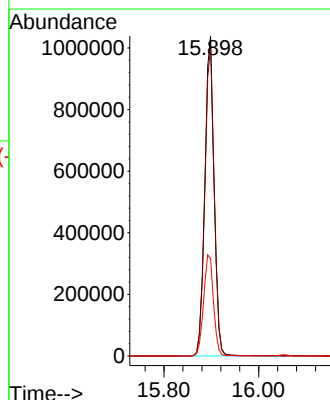
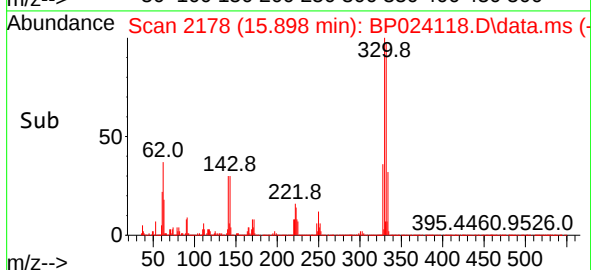
Reviewed By :Yogesh Patel 02/28/2025  
Supervised By :mohammad ahmed 02/28/2025

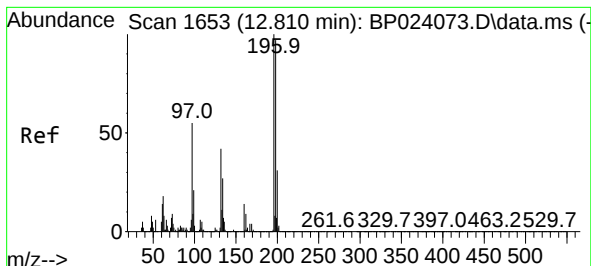


#42  
2,4,6-Tribromophenol  
Concen: 139.848 ng  
RT: 15.898 min Scan# 2178  
Delta R.T. -0.006 min  
Lab File: BP024118.D  
Acq: 27 Feb 2025 13:00



Tgt Ion:330 Resp: 1416685  
Ion Ratio Lower Upper  
330 100  
332 96.7 77.0 115.4  
141 33.5 28.3 42.5





#43

2,4,6-Trichlorophenol

Concen: 43.681 ng

RT: 12.804 min Scan# 1652

Delta R.T. -0.006 min

Lab File: BP024118.D

Acq: 27 Feb 2025 13:00

Instrument :

BNA\_P

ClientSampleId :

PB166894BS

Tgt Ion:196 Resp: 67692

Ion Ratio Lower Upper

196 100

198 95.5 77.8 116.6

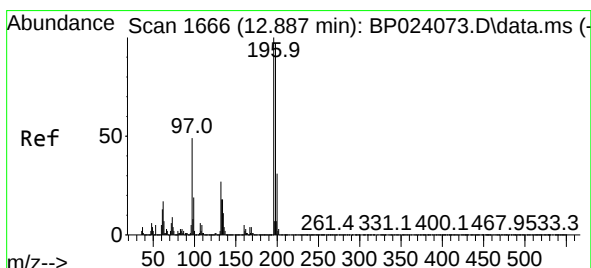
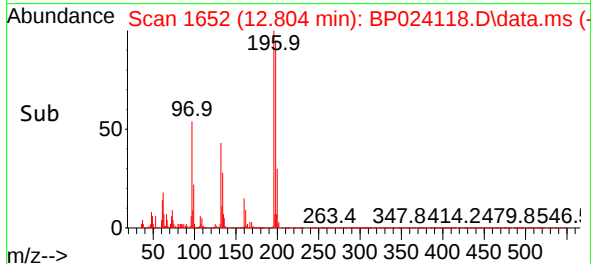
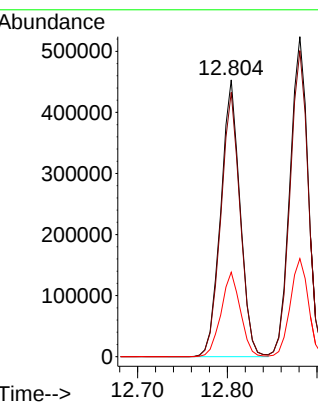
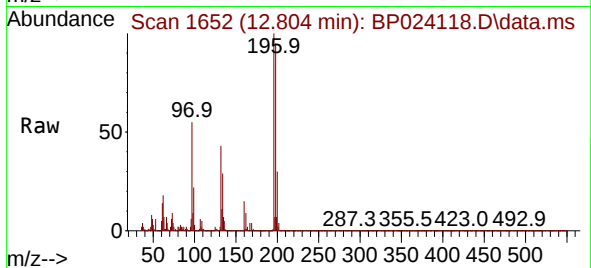
200 30.5 25.0 37.4

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 02/28/2025

Supervised By :mohammad ahmed 02/28/2025



#44

2,4,5-Trichlorophenol

Concen: 43.435 ng

RT: 12.881 min Scan# 1665

Delta R.T. -0.006 min

Lab File: BP024118.D

Acq: 27 Feb 2025 13:00

Tgt Ion:196 Resp: 736149

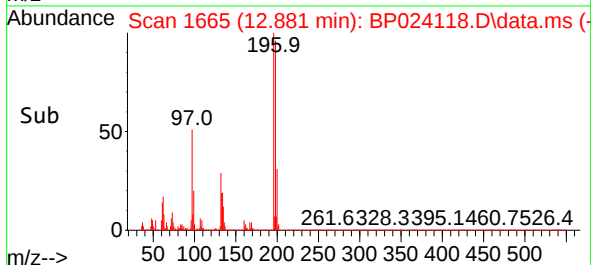
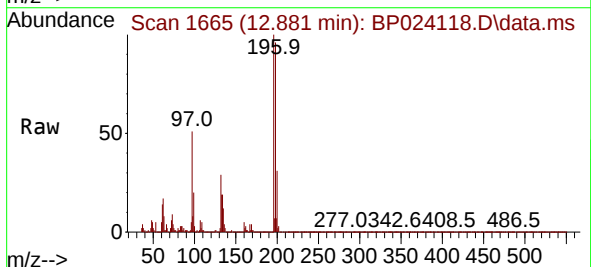
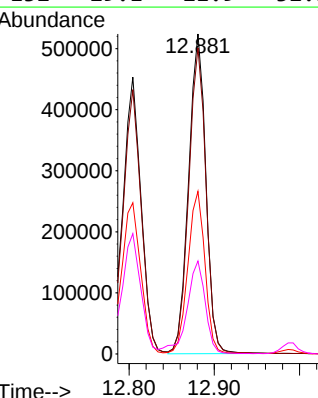
Ion Ratio Lower Upper

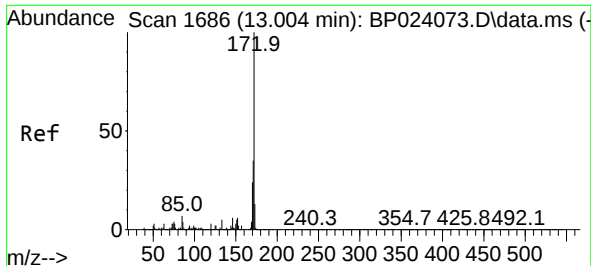
196 100

198 95.7 77.4 116.2

97 50.8 39.0 58.4

132 29.1 21.9 32.9





#45  
2-Fluorobiphenyl  
Concen: 90.464 ng  
RT: 12.987 min Scan# 1683  
Delta R.T. -0.018 min  
Lab File: BP024118.D  
Acq: 27 Feb 2025 13:00

Instrument :

BNA\_P

ClientSampleId :

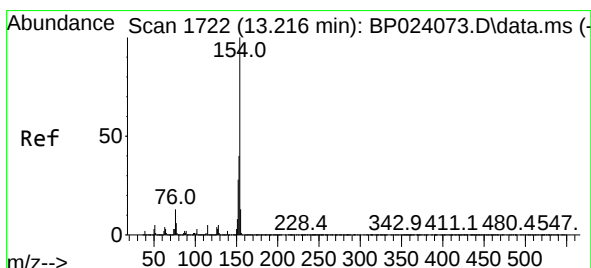
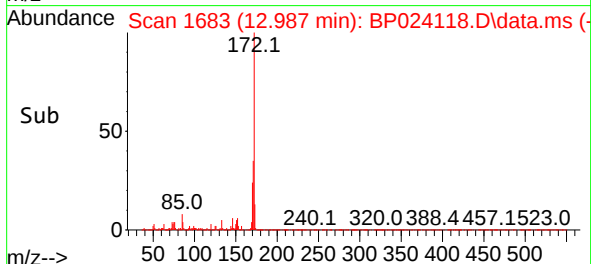
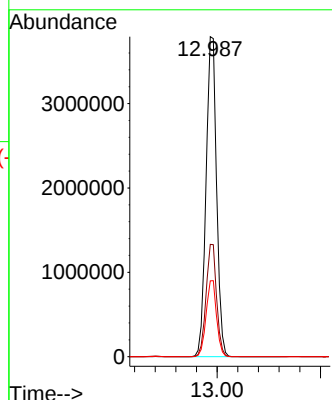
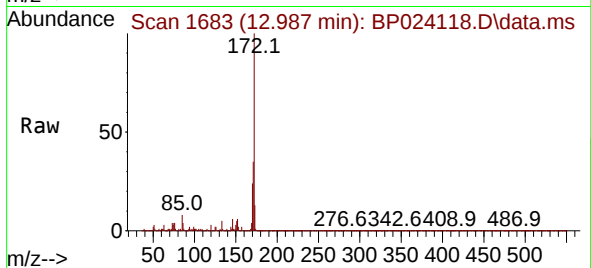
PB166894BS

Tgt Ion:172 Resp: 535171  
Ion Ratio Lower Upper  
172 100  
171 35.1 28.2 42.2  
170 23.7 19.0 28.6

Manual Integrations

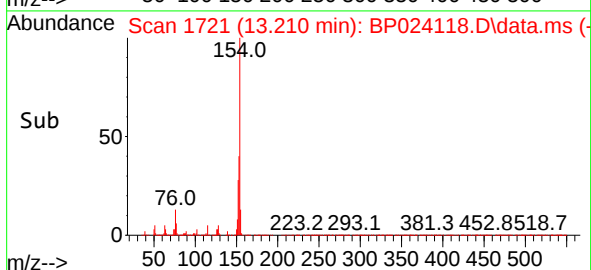
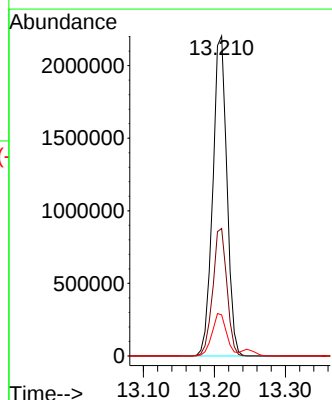
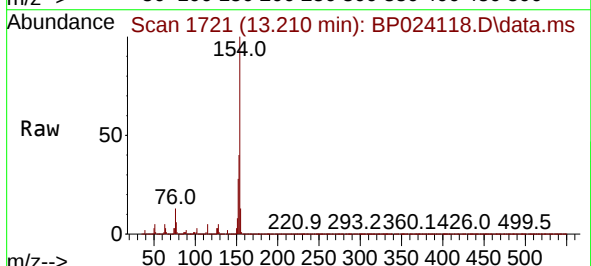
APPROVED

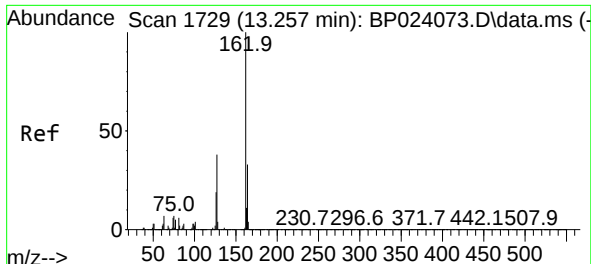
Reviewed By :Yogesh Patel 02/28/2025  
Supervised By :mohammad ahmed 02/28/2025



#46  
1,1'-Biphenyl  
Concen: 47.292 ng  
RT: 13.210 min Scan# 1721  
Delta R.T. -0.006 min  
Lab File: BP024118.D  
Acq: 27 Feb 2025 13:00

Tgt Ion:154 Resp: 3039270  
Ion Ratio Lower Upper  
154 100  
153 39.8 20.0 60.0  
76 12.9 0.0 32.6





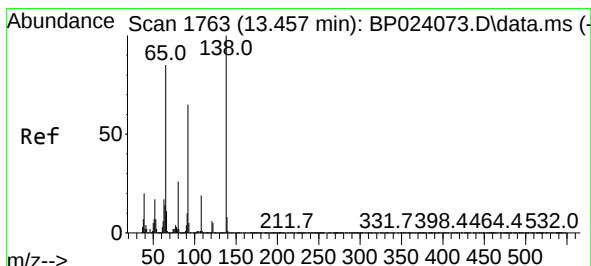
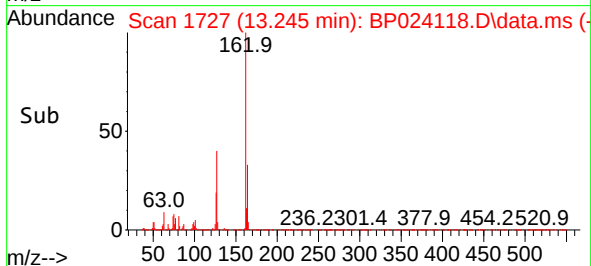
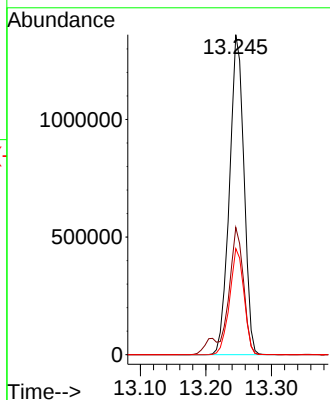
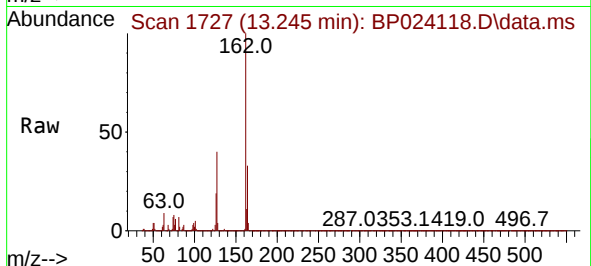
#47  
2-Chloronaphthalene  
Concen: 43.038 ng  
RT: 13.245 min Scan# 1729  
Delta R.T. -0.012 min  
Lab File: BP024118.D  
Acq: 27 Feb 2025 13:00

Instrument :  
BNA\_P  
ClientSampleId :  
PB166894BS

Tgt Ion:162 Resp: 2090830  
Ion Ratio Lower Upper  
162 100  
127 39.8 30.7 46.1  
164 33.2 26.6 39.8

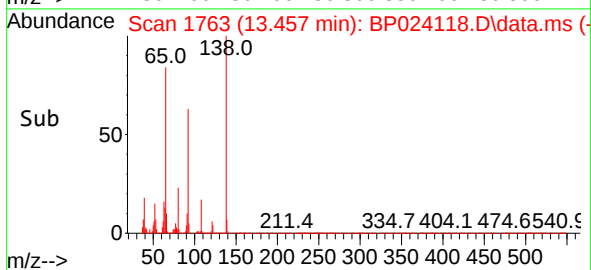
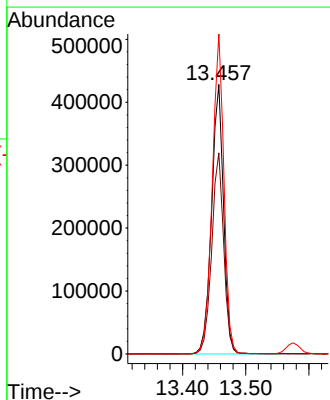
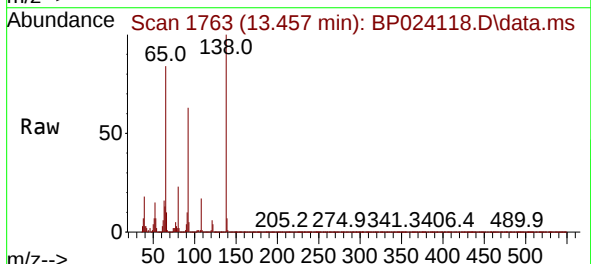
Manual Integrations  
APPROVED

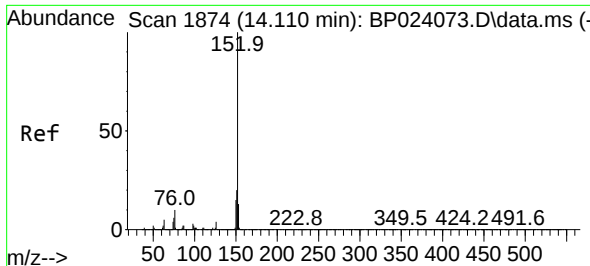
Reviewed By :Yogesh Patel 02/28/2025  
Supervised By :mohammad ahmed 02/28/2025



#48  
2-Nitroaniline  
Concen: 49.103 ng  
RT: 13.457 min Scan# 1763  
Delta R.T. -0.000 min  
Lab File: BP024118.D  
Acq: 27 Feb 2025 13:00

Tgt Ion: 65 Resp: 563505  
Ion Ratio Lower Upper  
65 100  
92 74.7 61.7 92.5  
138 118.8 94.6 142.0





#49  
Acenaphthylene  
Concen: 46.440 ng  
RT: 14.104 min Scan# 1873  
Delta R.T. -0.006 min  
Lab File: BP024118.D  
Acq: 27 Feb 2025 13:00

Instrument :

BNA\_P

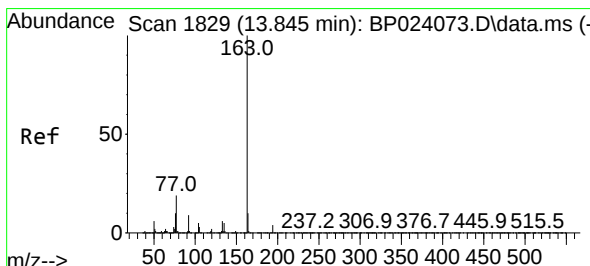
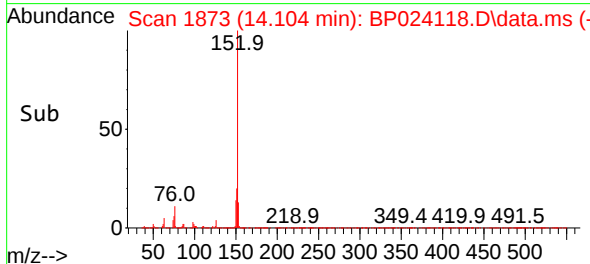
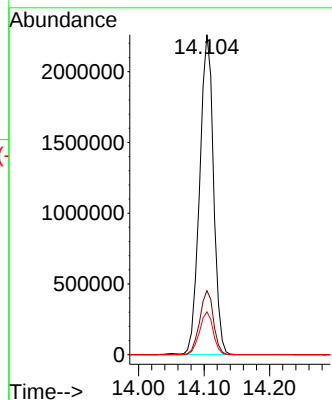
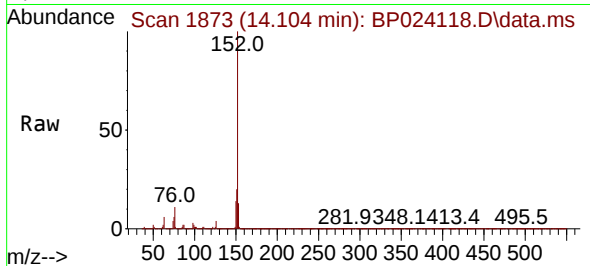
ClientSampleId :

PB166894BS

Tgt Ion:152 Resp: 332399  
Ion Ratio Lower Upper  
152 100  
151 20.0 15.8 23.8  
153 13.4 10.7 16.1

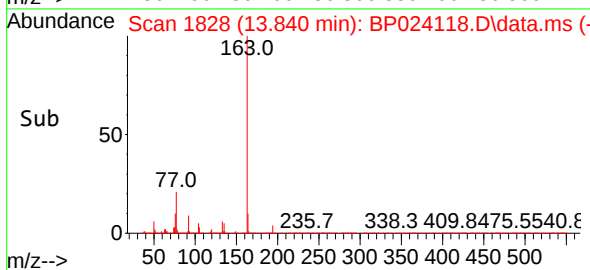
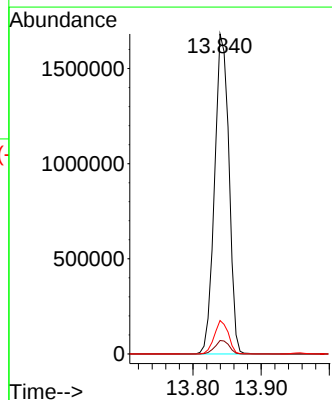
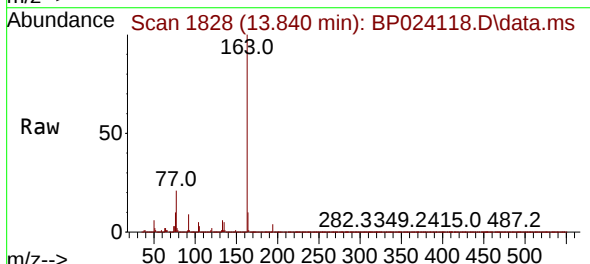
Manual Integrations  
APPROVED

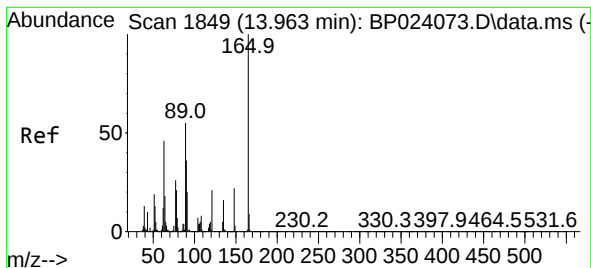
Reviewed By :Yogesh Patel 02/28/2025  
Supervised By :mohammad ahmed 02/28/2025



#50  
Dimethylphthalate  
Concen: 42.284 ng  
RT: 13.840 min Scan# 1828  
Delta R.T. -0.006 min  
Lab File: BP024118.D  
Acq: 27 Feb 2025 13:00

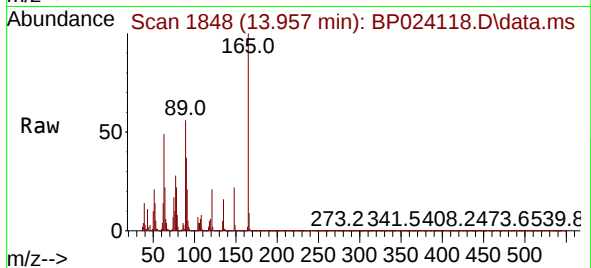
Tgt Ion:163 Resp: 2466726  
Ion Ratio Lower Upper  
163 100  
194 4.2 3.4 5.2  
164 10.5 8.1 12.1





#51  
2,6-Dinitrotoluene  
Concen: 43.638 ng  
RT: 13.957 min Scan# 1848  
Delta R.T. -0.006 min  
Lab File: BP024118.D  
Acq: 27 Feb 2025 13:00

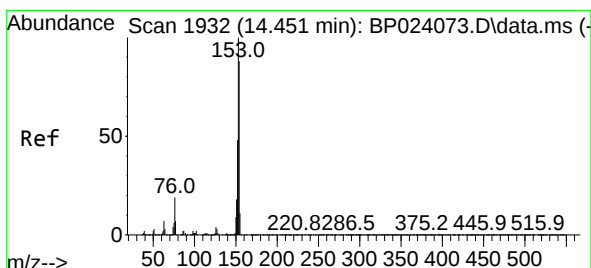
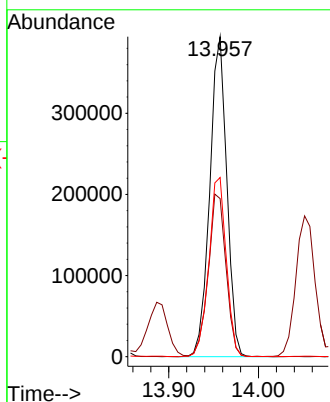
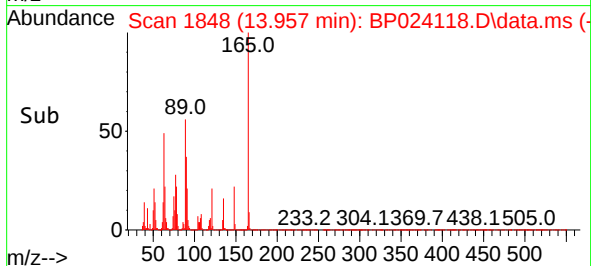
Instrument :  
BNA\_P  
ClientSampleId :  
PB166894BS



Tgt Ion:165 Resp: 518569  
Ion Ratio Lower Upper  
165 100  
63 49.4 40.1 60.1  
89 56.0 44.2 66.4

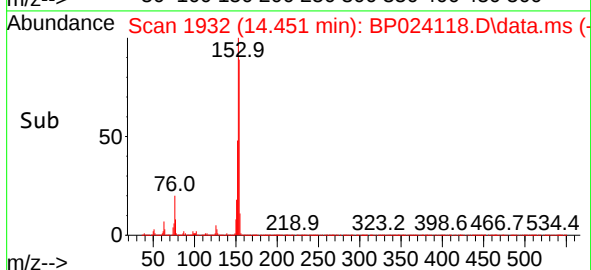
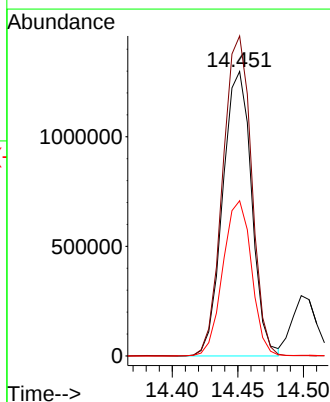
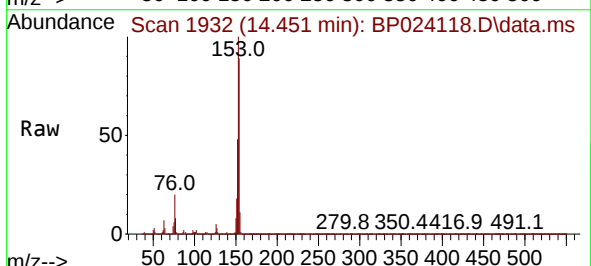
Manual Integrations  
APPROVED

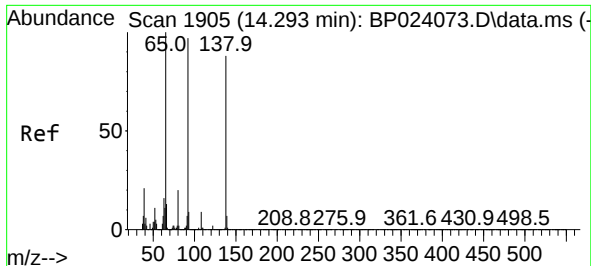
Reviewed By :Yogesh Patel 02/28/2025  
Supervised By :mohammad ahmed 02/28/2025



#52  
Acenaphthene  
Concen: 43.217 ng  
RT: 14.451 min Scan# 1932  
Delta R.T. -0.000 min  
Lab File: BP024118.D  
Acq: 27 Feb 2025 13:00

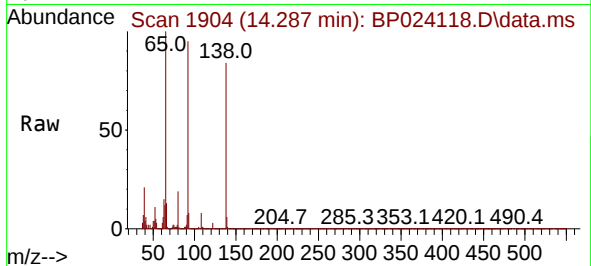
Tgt Ion:154 Resp: 1991979  
Ion Ratio Lower Upper  
154 100  
153 112.5 90.6 135.8  
152 54.6 43.6 65.4





#53  
3-Nitroaniline  
Concen: 24.702 ng  
RT: 14.287 min Scan# 1904  
Delta R.T. -0.006 min  
Lab File: BP024118.D  
Acq: 27 Feb 2025 13:00

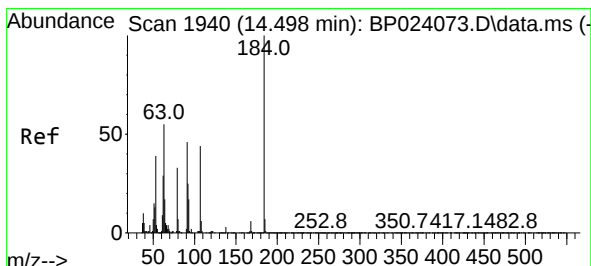
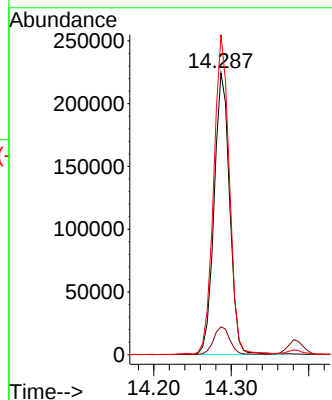
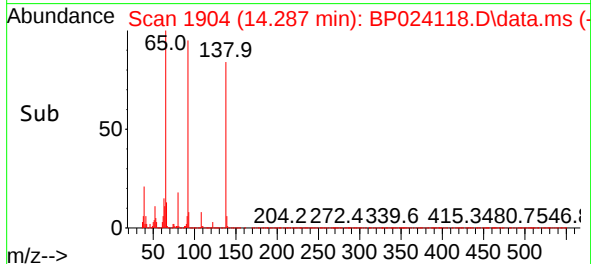
Instrument :  
BNA\_P  
ClientSampleId :  
PB166894BS



Tgt Ion:138 Resp: 313245  
Ion Ratio Lower Upper  
138 100  
108 9.9 7.8 11.8  
92 113.7 88.4 132.6

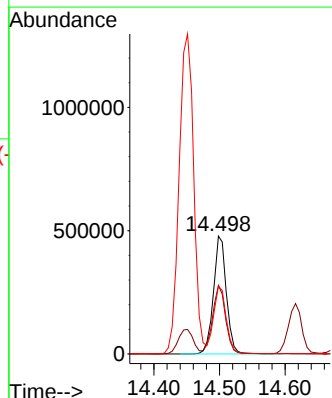
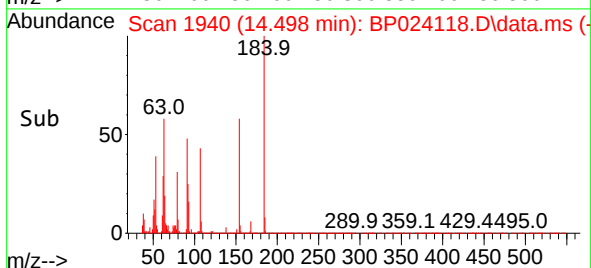
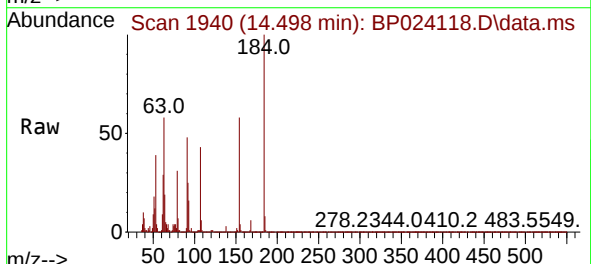
Manual Integrations  
APPROVED

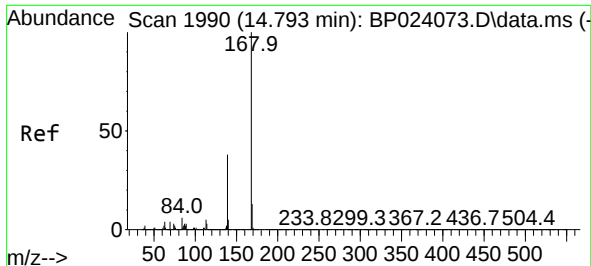
Reviewed By :Yogesh Patel 02/28/2025  
Supervised By :mohammad ahmed 02/28/2025



#54  
2,4-Dinitrophenol  
Concen: 83.259 ng  
RT: 14.498 min Scan# 1940  
Delta R.T. 0.000 min  
Lab File: BP024118.D  
Acq: 27 Feb 2025 13:00

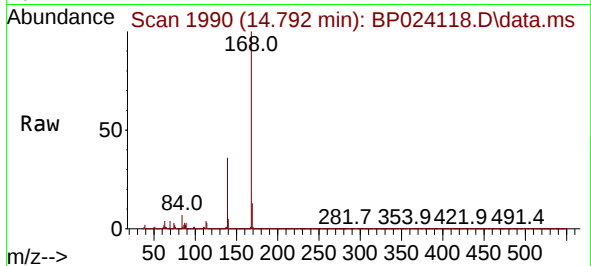
Tgt Ion:184 Resp: 655057  
Ion Ratio Lower Upper  
184 100  
63 58.2 49.4 74.0  
154 57.6 49.2 73.8





#55  
Dibenzofuran  
Concen: 41.165 ng  
RT: 14.792 min Scan# 1990  
Delta R.T. -0.000 min  
Lab File: BP024118.D  
Acq: 27 Feb 2025 13:00

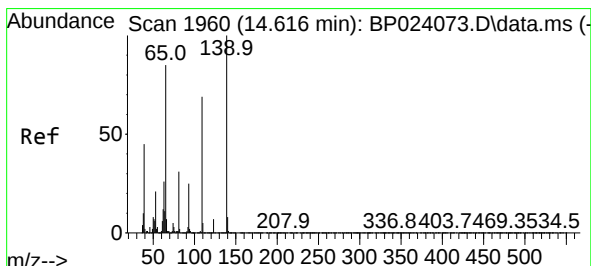
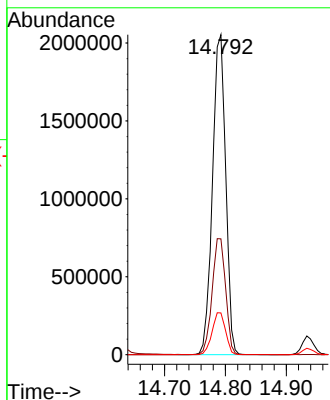
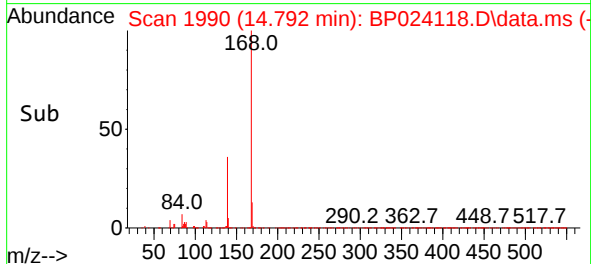
Instrument :  
BNA\_P  
ClientSampleId :  
PB166894BS



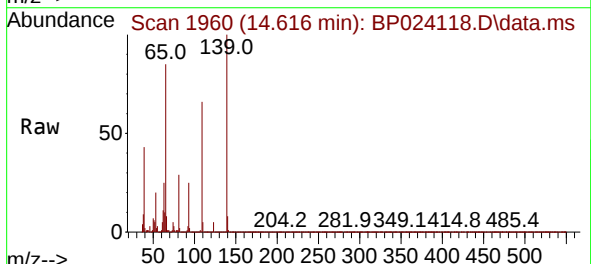
Tgt Ion:168 Resp: 308234  
Ion Ratio Lower Upper  
168 100  
139 36.2 30.2 45.2  
169 13.0 10.7 16.1

Manual Integrations  
APPROVED

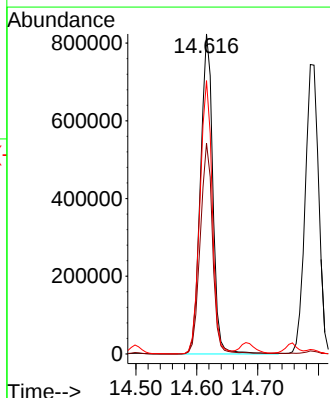
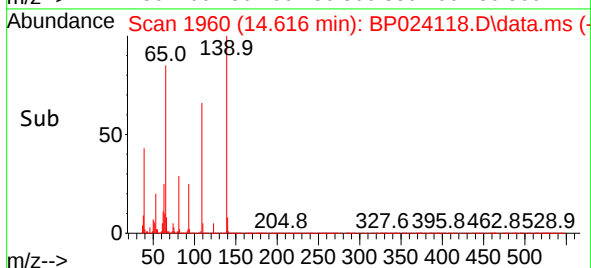
Reviewed By :Yogesh Patel 02/28/2025  
Supervised By :mohammad ahmed 02/28/2025

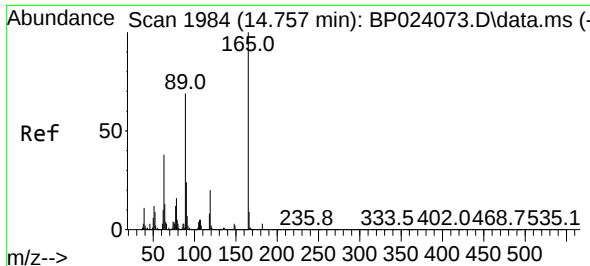


#56  
4-Nitrophenol  
Concen: 105.882 ng  
RT: 14.616 min Scan# 1960  
Delta R.T. 0.000 min  
Lab File: BP024118.D  
Acq: 27 Feb 2025 13:00



Tgt Ion:139 Resp: 1159812  
Ion Ratio Lower Upper  
139 100  
109 65.9 49.2 89.2  
65 85.4 65.4 105.4





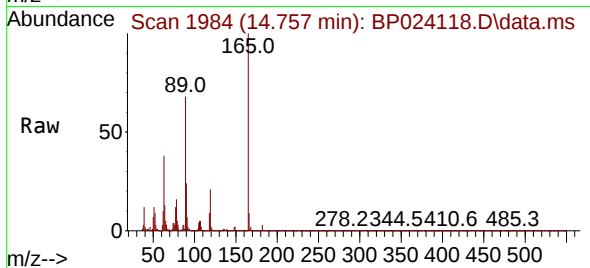
#57  
2,4-Dinitrotoluene  
Concen: 49.080 ng  
RT: 14.757 min Scan# 1984  
Delta R.T. -0.000 min  
Lab File: BP024118.D  
Acq: 27 Feb 2025 13:00

Instrument :

BNA\_P

ClientSampleId :

PB166894BS

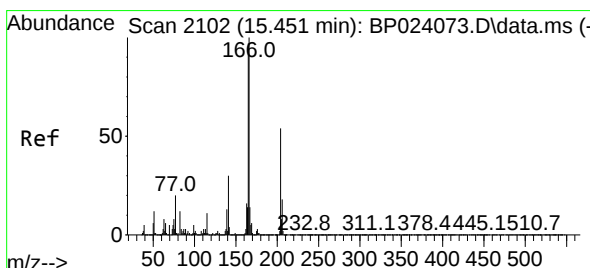
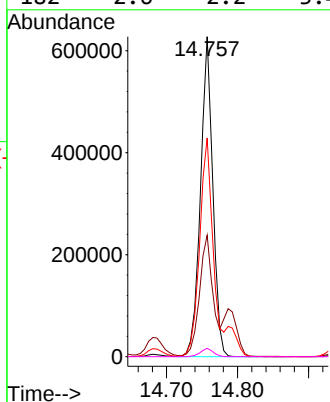
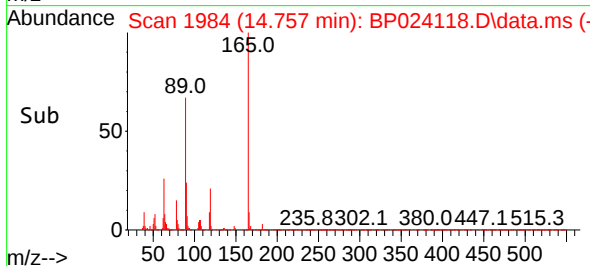


Tgt Ion:165 Resp: 757654  
Ion Ratio Lower Upper  
165 100  
63 37.9 30.4 45.6  
89 68.4 54.8 82.2  
182 2.6 2.2 3.4

Manual Integrations

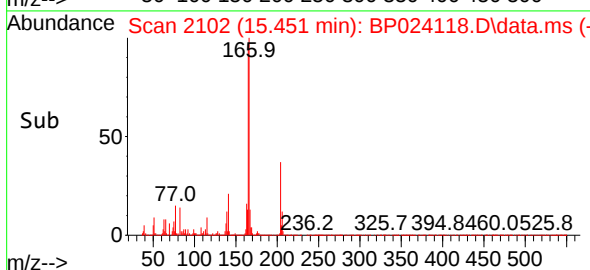
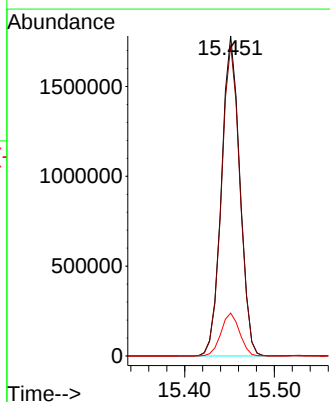
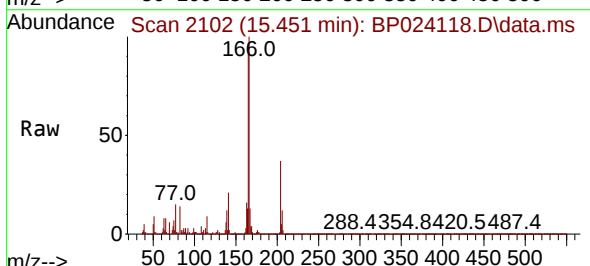
APPROVED

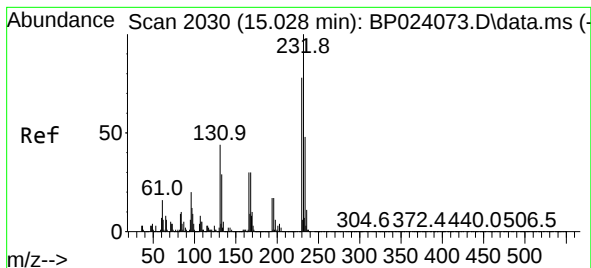
Reviewed By :Yogesh Patel 02/28/2025  
Supervised By :mohammad ahmed 02/28/2025



#58  
Fluorene  
Concen: 43.255 ng  
RT: 15.451 min Scan# 2102  
Delta R.T. -0.000 min  
Lab File: BP024118.D  
Acq: 27 Feb 2025 13:00

Tgt Ion:166 Resp: 2529418  
Ion Ratio Lower Upper  
166 100  
165 97.2 77.5 116.3  
167 13.4 10.9 16.3





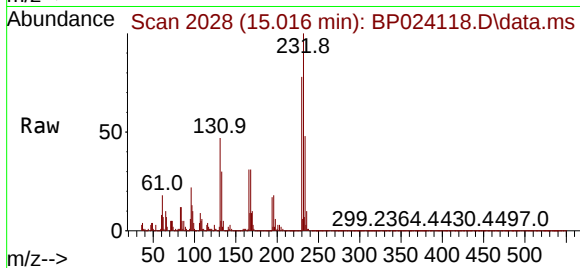
#59  
2,3,4,6-Tetrachlorophenol  
Concen: 42.927 ng  
RT: 15.016 min Scan# 2030  
Delta R.T. -0.012 min  
Lab File: BP024118.D  
Acq: 27 Feb 2025 13:00

Instrument :

BNA\_P

ClientSampleId :

PB166894BS

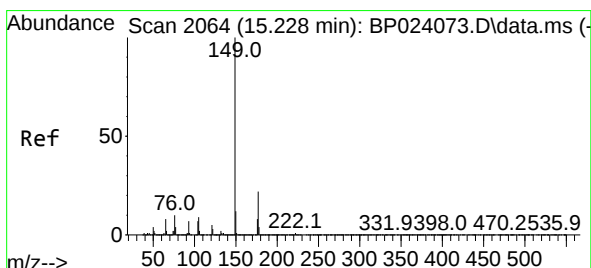
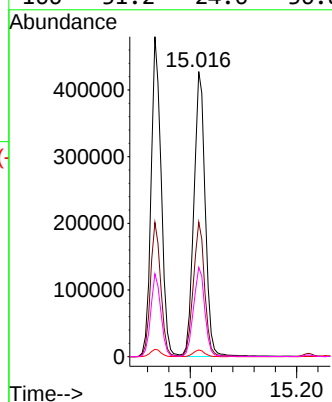
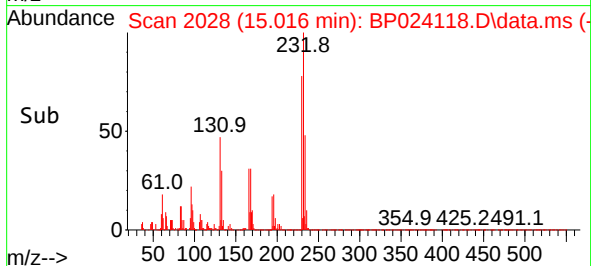


Tgt Ion:232 Resp: 631218  
Ion Ratio Lower Upper  
232 100  
131 46.8 37.3 55.9  
130 2.4 1.9 2.9  
166 31.2 24.6 36.8

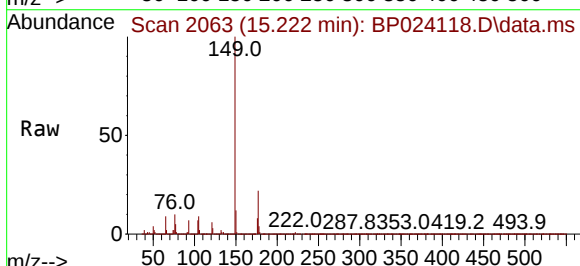
Manual Integrations

APPROVED

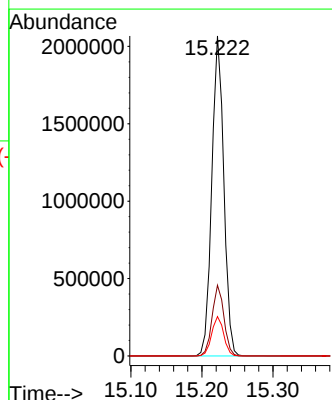
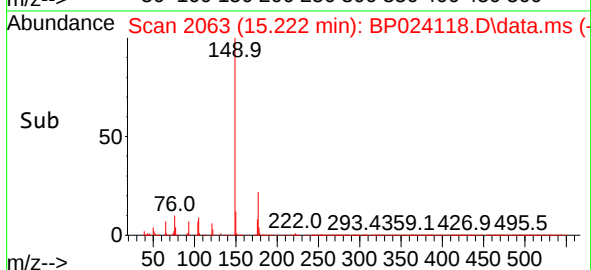
Reviewed By :Yogesh Patel 02/28/2025  
Supervised By :mohammad ahmed 02/28/2025

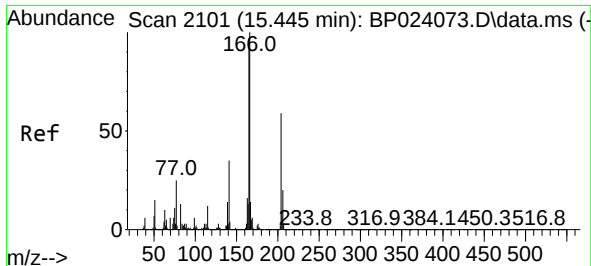


#60  
Diethylphthalate  
Concen: 41.875 ng  
RT: 15.222 min Scan# 2063  
Delta R.T. -0.006 min  
Lab File: BP024118.D  
Acq: 27 Feb 2025 13:00



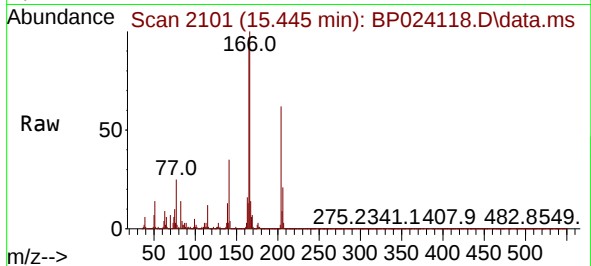
Tgt Ion:149 Resp: 2425039  
Ion Ratio Lower Upper  
149 100  
177 22.1 17.9 26.9  
150 12.3 9.8 14.6





#61  
4-Chlorophenyl-phenylether  
Concen: 41.095 ng  
RT: 15.445 min Scan# 2101  
Delta R.T. -0.000 min  
Lab File: BP024118.D  
Acq: 27 Feb 2025 13:00

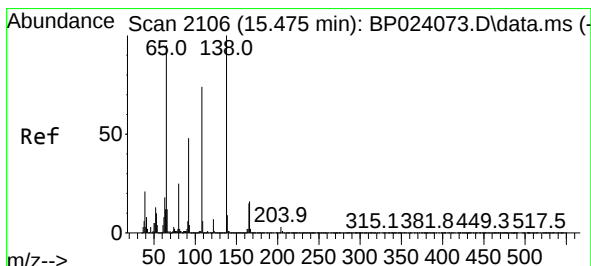
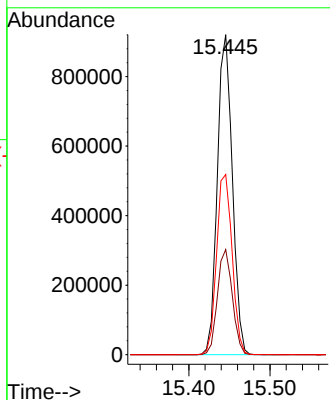
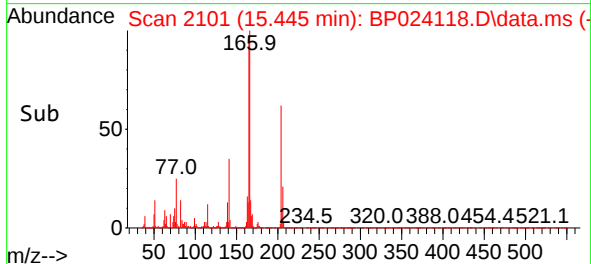
Instrument :  
BNA\_P  
ClientSampleId :  
PB166894BS



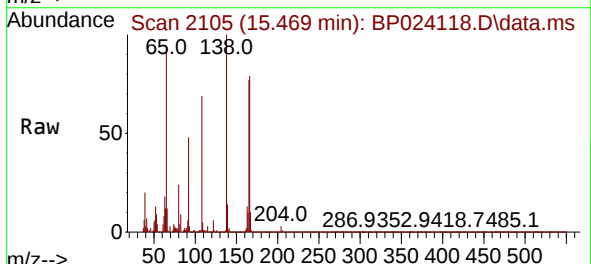
Tgt Ion:204 Resp: 118284  
Ion Ratio Lower Upper  
204 100  
206 32.9 26.6 39.8  
141 56.3 47.8 71.6

Manual Integrations  
APPROVED

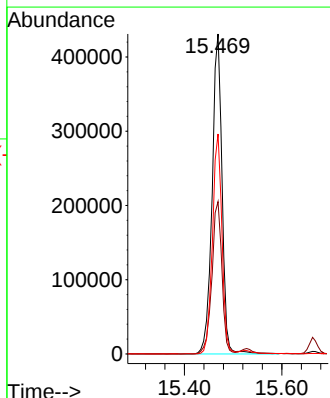
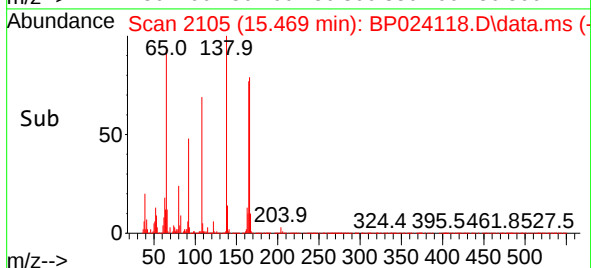
Reviewed By :Yogesh Patel 02/28/2025  
Supervised By :mohammad ahmed 02/28/2025

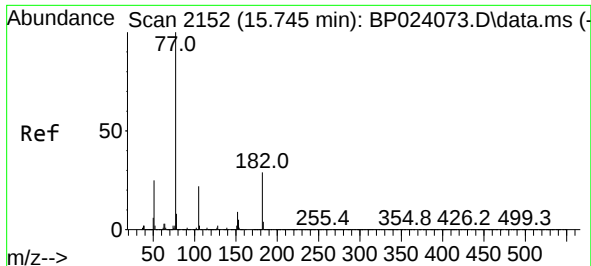


#62  
4-Nitroaniline  
Concen: 41.076 ng  
RT: 15.469 min Scan# 2105  
Delta R.T. -0.006 min  
Lab File: BP024118.D  
Acq: 27 Feb 2025 13:00



Tgt Ion:138 Resp: 609023  
Ion Ratio Lower Upper  
138 100  
92 47.6 28.3 68.3  
108 68.7 54.0 94.0





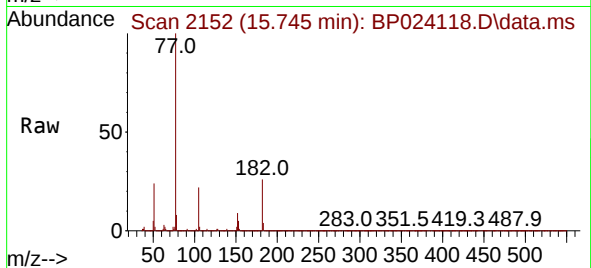
#63  
Azobenzene  
Concen: 44.785 ng  
RT: 15.745 min Scan# 2152  
Delta R.T. -0.000 min  
Lab File: BP024118.D  
Acq: 27 Feb 2025 13:00

Instrument :

BNA\_P

ClientSampleId :

PB166894BS



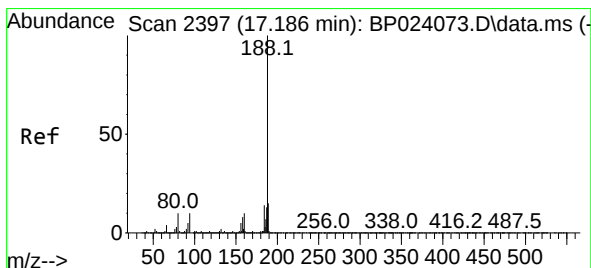
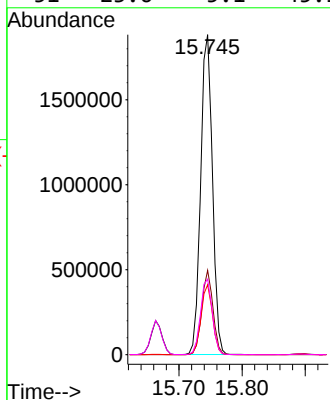
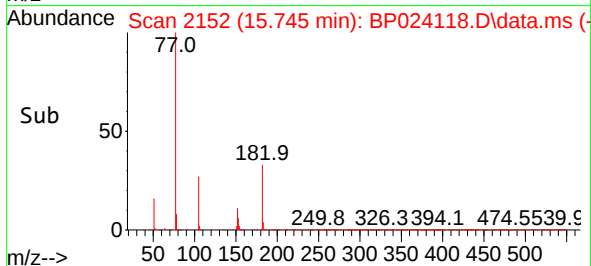
Tgt Ion: 77 Resp: 243034  
Ion Ratio Lower Upper  
77 100  
182 26.3 8.5 48.5  
105 21.8 1.8 41.8  
51 23.6 5.1 45.1

Manual Integrations

APPROVED

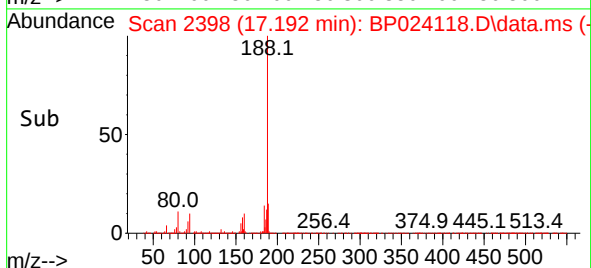
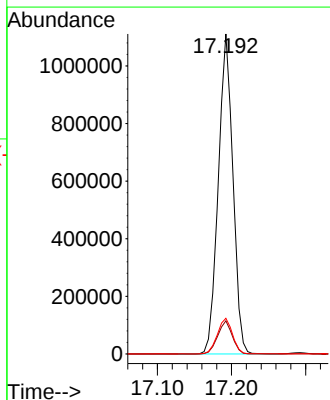
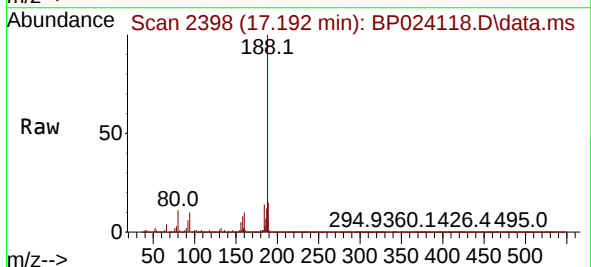
Reviewed By :Yogesh Patel 02/28/2025

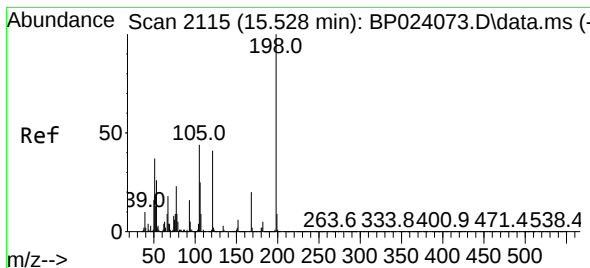
Supervised By :mohammad ahmed 02/28/2025



#64  
Phenanthrene-d10  
Concen: 20.000 ng  
RT: 17.192 min Scan# 2398  
Delta R.T. 0.006 min  
Lab File: BP024118.D  
Acq: 27 Feb 2025 13:00

Tgt Ion:188 Resp: 1522668  
Ion Ratio Lower Upper  
188 100  
94 10.4 7.6 11.4  
80 11.1 8.2 12.2





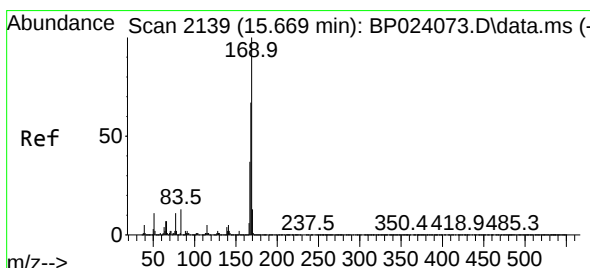
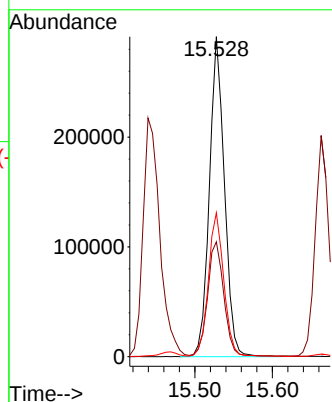
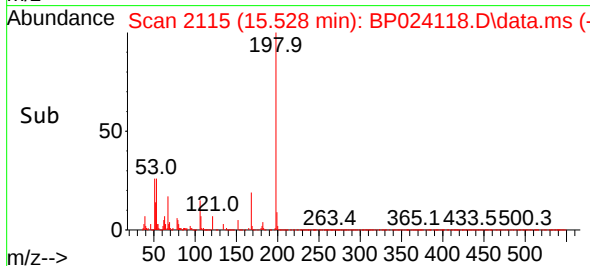
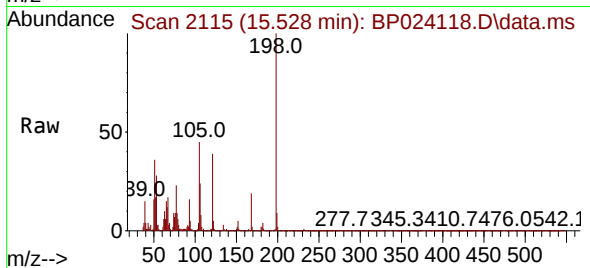
#65  
4,6-Dinitro-2-methylphenol  
Concen: 41.048 ng  
RT: 15.528 min Scan# 2115  
Delta R.T. -0.000 min  
Lab File: BP024118.D  
Acq: 27 Feb 2025 13:00

Instrument :  
BNA\_P  
ClientSampleId :  
PB166894BS

Tgt Ion:198 Resp: 391750  
Ion Ratio Lower Upper  
198 100  
51 35.9 18.7 58.7  
105 45.0 24.7 64.7

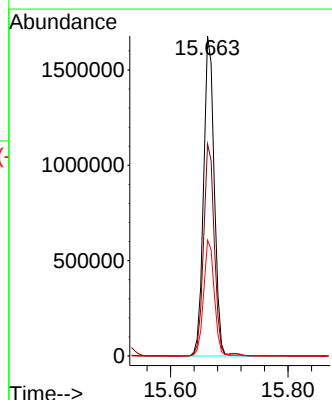
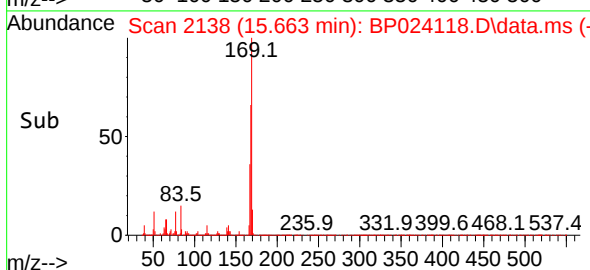
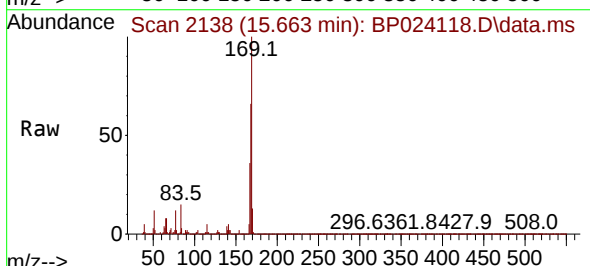
Manual Integrations  
APPROVED

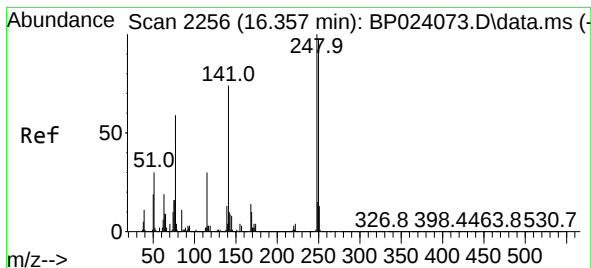
Reviewed By :Yogesh Patel 02/28/2025  
Supervised By :mohammad ahmed 02/28/2025



#66  
n-Nitrosodiphenylamine  
Concen: 44.256 ng  
RT: 15.663 min Scan# 2138  
Delta R.T. -0.006 min  
Lab File: BP024118.D  
Acq: 27 Feb 2025 13:00

Tgt Ion:169 Resp: 2101469  
Ion Ratio Lower Upper  
169 100  
168 66.3 53.6 80.4  
167 36.2 29.5 44.3





#67  
4-Bromophenyl-phenylether  
Concen: 41.965 ng  
RT: 16.357 min Scan# 211  
Delta R.T. -0.000 min  
Lab File: BP024118.D  
Acq: 27 Feb 2025 13:00

Instrument :

BNA\_P

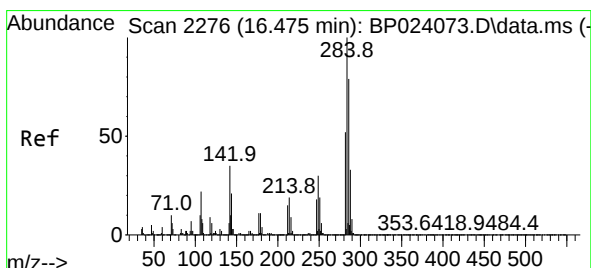
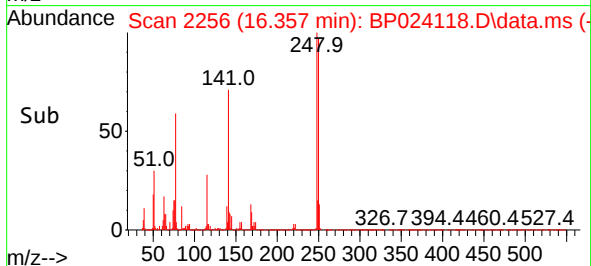
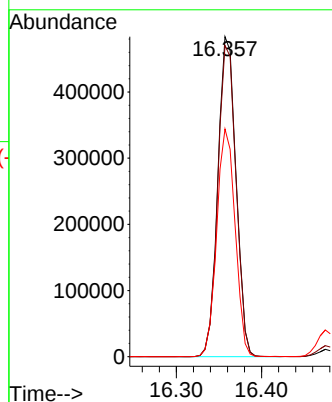
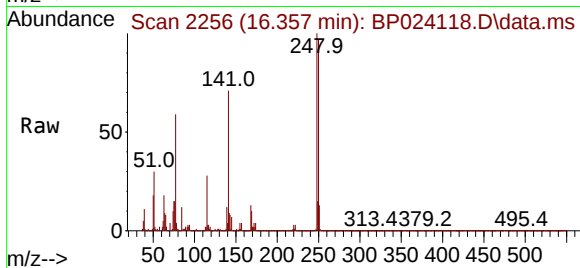
ClientSampleId :

PB166894BS

Tgt Ion:248 Resp: 71755  
Ion Ratio Lower Upper  
248 100  
250 97.3 77.9 116.9  
141 71.2 58.8 88.2

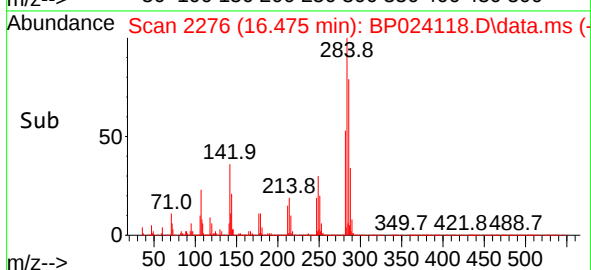
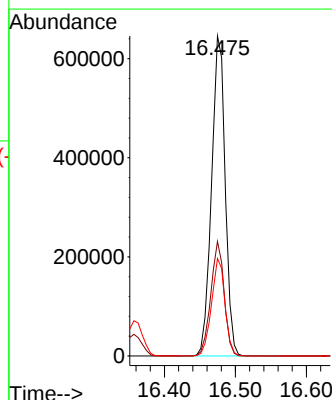
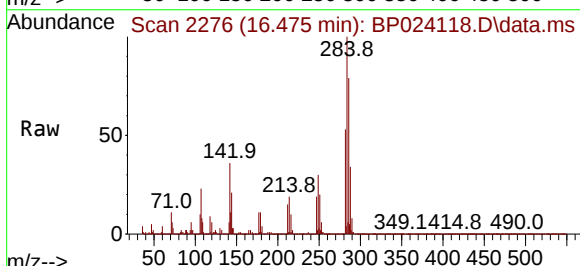
Manual Integrations  
APPROVED

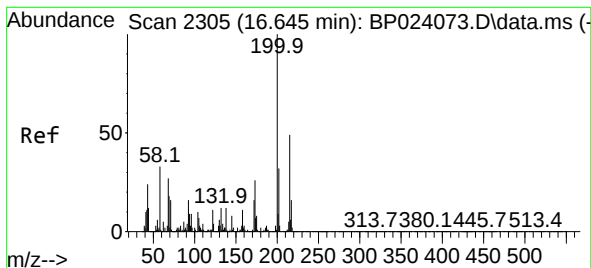
Reviewed By :Yogesh Patel 02/28/2025  
Supervised By :mohammad ahmed 02/28/2025



#68  
Hexachlorobenzene  
Concen: 42.933 ng  
RT: 16.475 min Scan# 2276  
Delta R.T. -0.000 min  
Lab File: BP024118.D  
Acq: 27 Feb 2025 13:00

Tgt Ion:284 Resp: 863800  
Ion Ratio Lower Upper  
284 100  
142 35.8 27.7 41.5  
249 30.5 23.8 35.6





#69

Atrazine

Concen: 65.660 ng

RT: 16.645 min Scan# 2305

Delta R.T. -0.000 min

Lab File: BP024118.D

Acq: 27 Feb 2025 13:00

Instrument :

BNA\_P

ClientSampleId :

PB166894BS

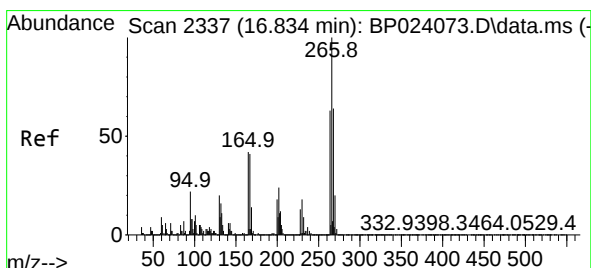
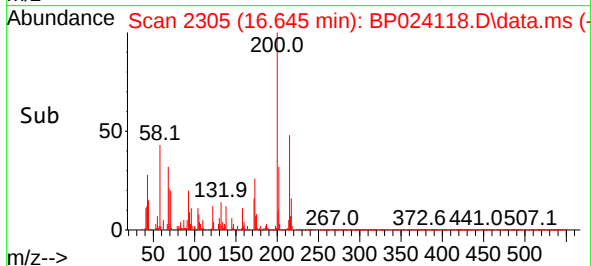
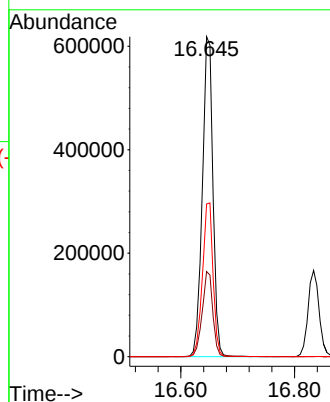
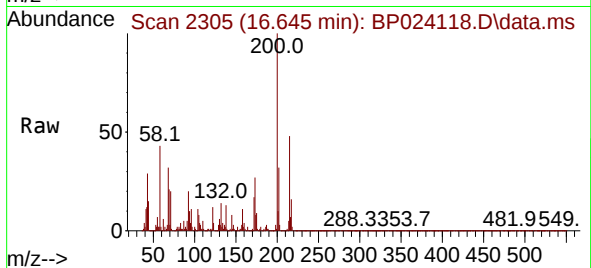
|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 200   | Resp: | 80011 |
| Ion Ratio | Lower | Upper |       |
| 200       | 100   |       |       |
| 173       | 26.6  | 5.7   | 45.7  |
| 215       | 47.7  | 28.7  | 68.7  |

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 02/28/2025

Supervised By :mohammad ahmed 02/28/2025



#70

Pentachlorophenol

Concen: 93.944 ng

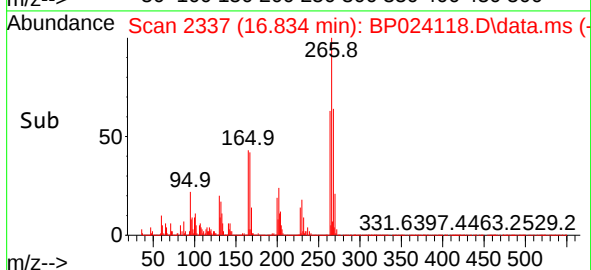
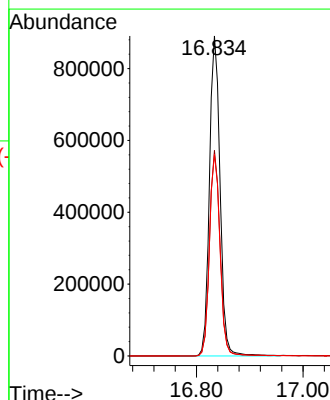
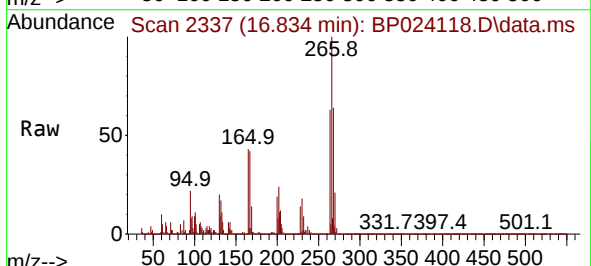
RT: 16.834 min Scan# 2337

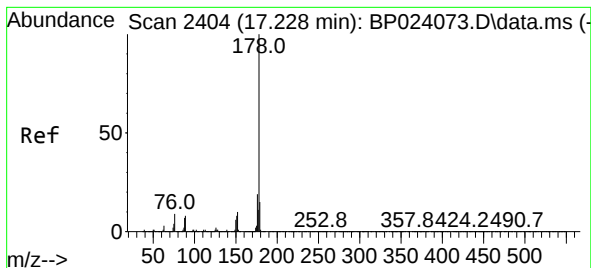
Delta R.T. -0.000 min

Lab File: BP024118.D

Acq: 27 Feb 2025 13:00

|           |       |       |         |
|-----------|-------|-------|---------|
| Tgt Ion:  | 266   | Resp: | 1227623 |
| Ion Ratio | Lower | Upper |         |
| 266       | 100   |       |         |
| 268       | 64.2  | 51.3  | 76.9    |
| 264       | 63.0  | 50.5  | 75.7    |





#71

Phenanthrene

Concen: 44.556 ng

RT: 17.234 min Scan# 2405

Delta R.T. 0.006 min

Lab File: BP024118.D

Acq: 27 Feb 2025 13:00

Instrument :

BNA\_P

ClientSampleId :

PB166894BS

Tgt Ion:178 Resp: 3824960

Ion Ratio Lower Upper

178 100

176 19.4 15.5 23.3

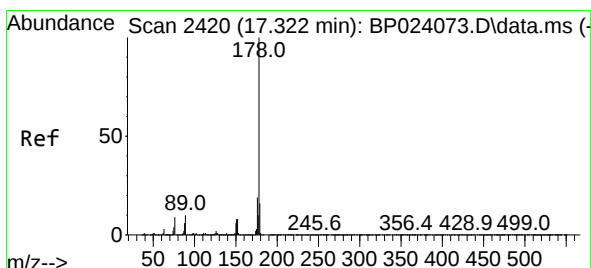
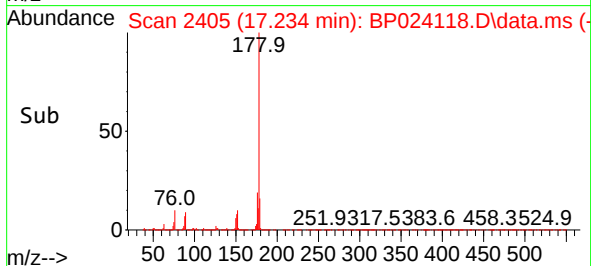
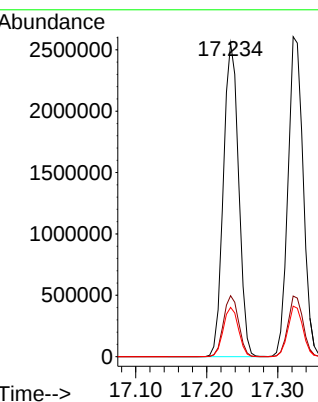
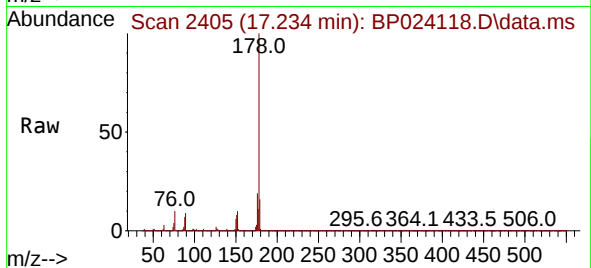
179 15.7 12.4 18.6

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 02/28/2025

Supervised By :mohammad ahmed 02/28/2025



#72

Anthracene

Concen: 47.050 ng

RT: 17.322 min Scan# 2420

Delta R.T. -0.000 min

Lab File: BP024118.D

Acq: 27 Feb 2025 13:00

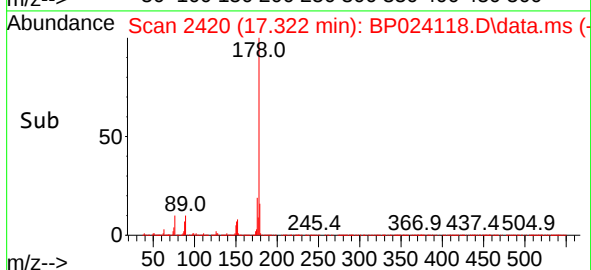
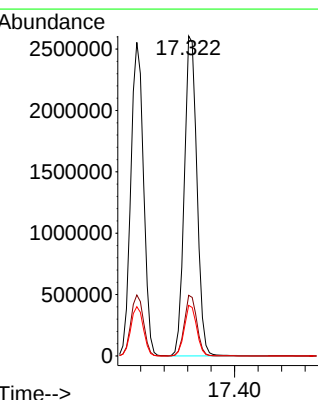
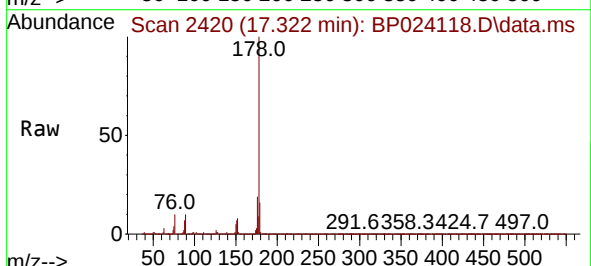
Tgt Ion:178 Resp: 3870642

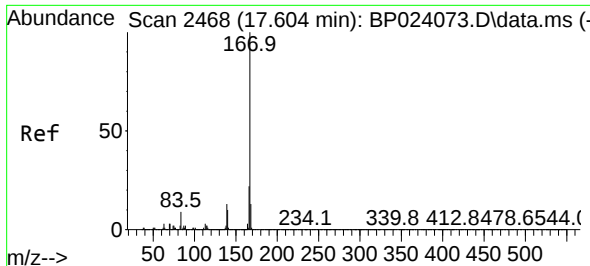
Ion Ratio Lower Upper

178 100

176 19.0 15.4 23.0

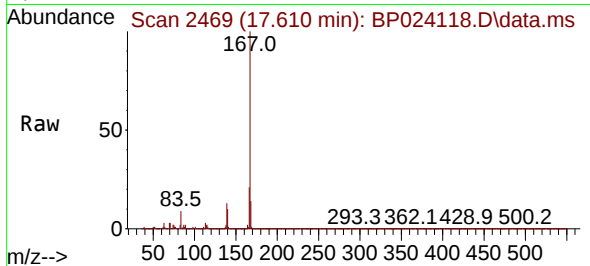
179 15.8 12.6 19.0





#73  
 Carbazole  
 Concen: 47.136 ng  
 RT: 17.610 min Scan# 2468  
 Delta R.T. 0.006 min  
 Lab File: BP024118.D  
 Acq: 27 Feb 2025 13:00

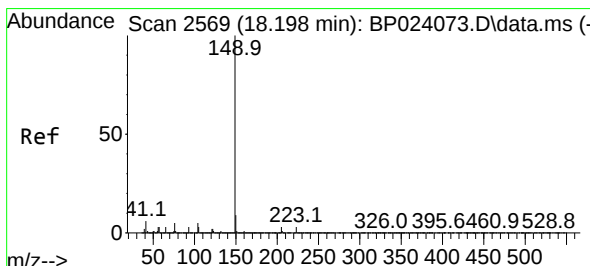
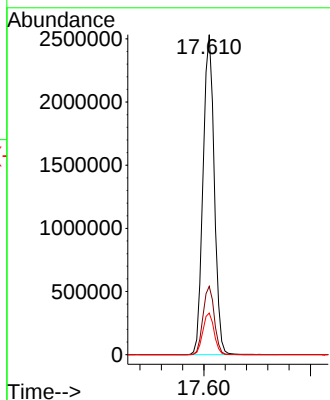
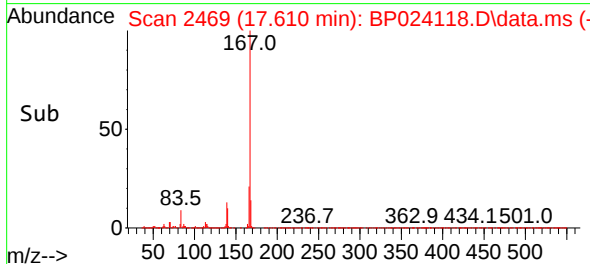
Instrument :  
 BNA\_P  
 ClientSampleId :  
 PB166894BS



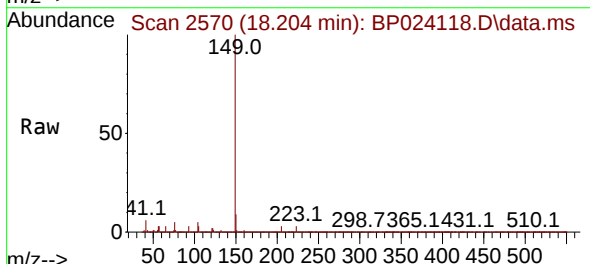
Tgt Ion:167 Resp: 369461  
 Ion Ratio Lower Upper  
 167 100  
 166 21.4 17.3 25.9  
 139 13.0 10.3 15.5

Manual Integrations  
 APPROVED

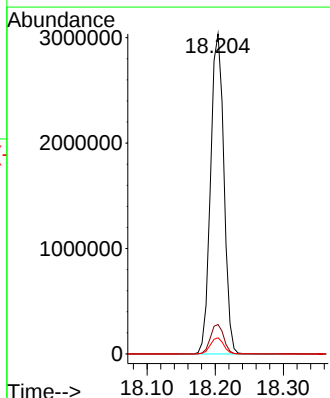
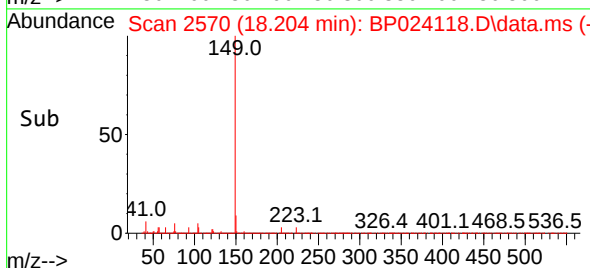
Reviewed By :Yogesh Patel 02/28/2025  
 Supervised By :mohammad ahmed 02/28/2025

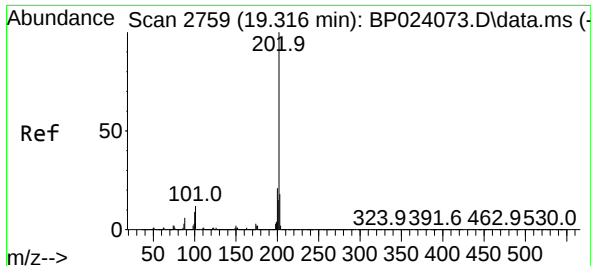


#74  
 Di-n-butylphthalate  
 Concen: 45.154 ng  
 RT: 18.204 min Scan# 2570  
 Delta R.T. 0.006 min  
 Lab File: BP024118.D  
 Acq: 27 Feb 2025 13:00



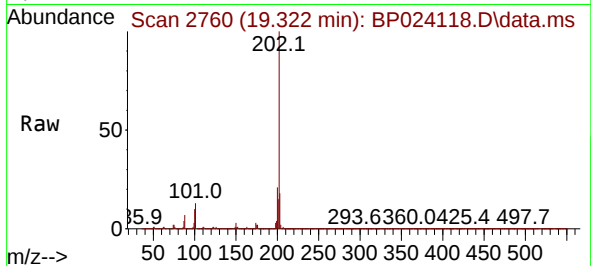
Tgt Ion:149 Resp: 4129690  
 Ion Ratio Lower Upper  
 149 100  
 150 9.2 7.4 11.2  
 104 5.0 4.2 6.2





#75  
Fluoranthene  
Concen: 45.536 ng  
RT: 19.322 min Scan# 21  
Delta R.T. 0.006 min  
Lab File: BP024118.D  
Acq: 27 Feb 2025 13:00

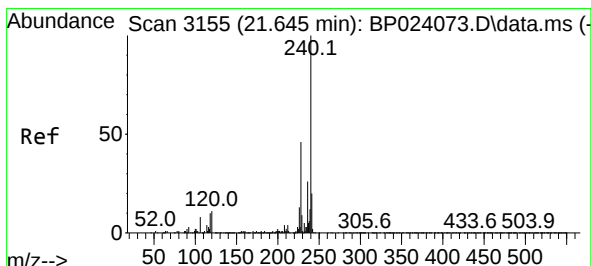
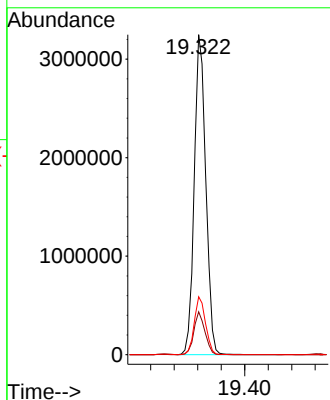
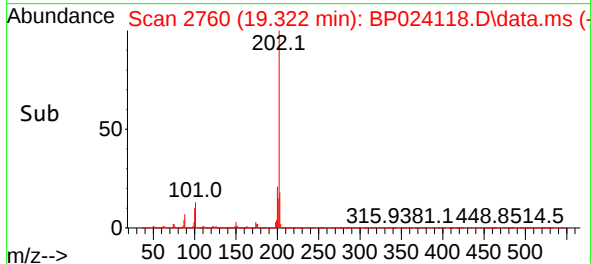
Instrument :  
BNA\_P  
ClientSampleId :  
PB166894BS



Tgt Ion:202 Resp: 442146  
Ion Ratio Lower Upper  
202 100  
101 13.4 0.0 31.9  
203 18.1 0.0 37.7

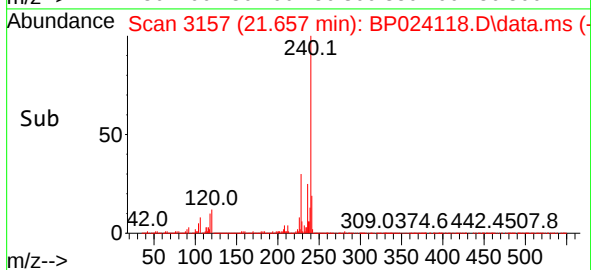
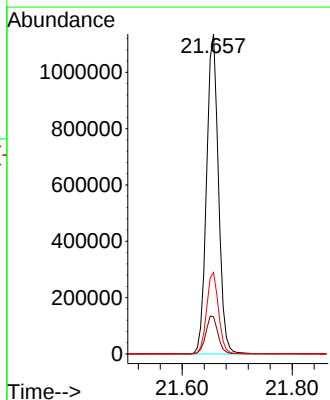
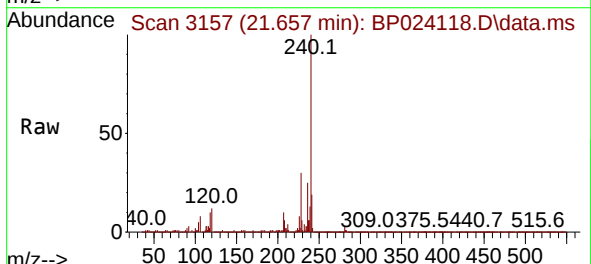
Manual Integrations  
APPROVED

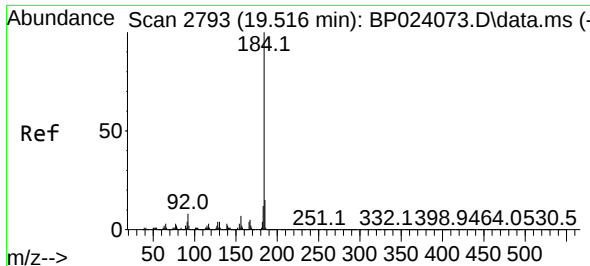
Reviewed By :Yogesh Patel 02/28/2025  
Supervised By :mohammad ahmed 02/28/2025



#76  
Chrysene-d12  
Concen: 20.000 ng  
RT: 21.657 min Scan# 3157  
Delta R.T. 0.012 min  
Lab File: BP024118.D  
Acq: 27 Feb 2025 13:00

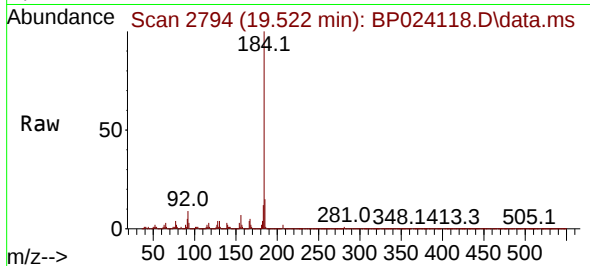
Tgt Ion:240 Resp: 1701635  
Ion Ratio Lower Upper  
240 100  
120 11.7 8.9 13.3  
236 25.4 20.7 31.1





#77  
Benzidine  
Concen: 81.399 ng  
RT: 19.522 min Scan# 21  
Delta R.T. 0.006 min  
Lab File: BP024118.D  
Acq: 27 Feb 2025 13:00

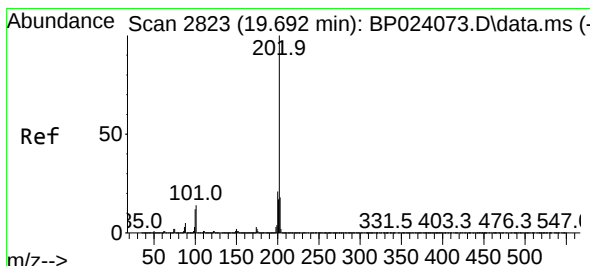
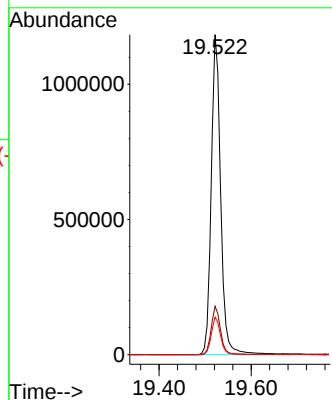
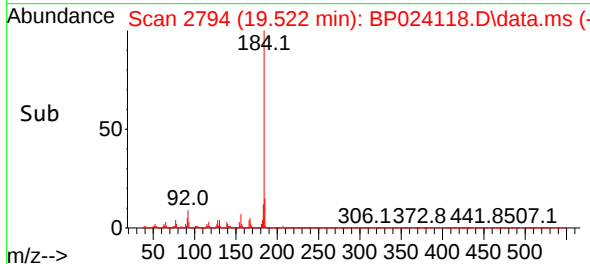
Instrument :  
BNA\_P  
ClientSampleId :  
PB166894BS



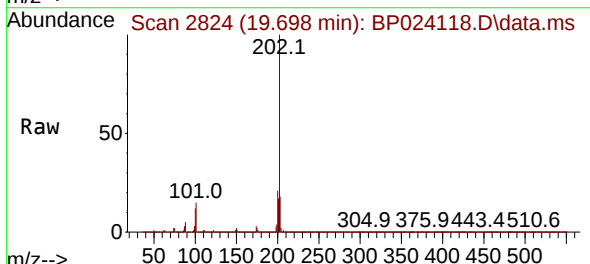
Tgt Ion:184 Resp: 168783  
Ion Ratio Lower Upper  
184 100  
185 15.1 11.8 17.8  
183 11.7 9.3 13.9

Manual Integrations  
APPROVED

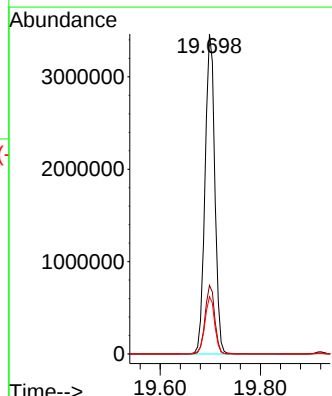
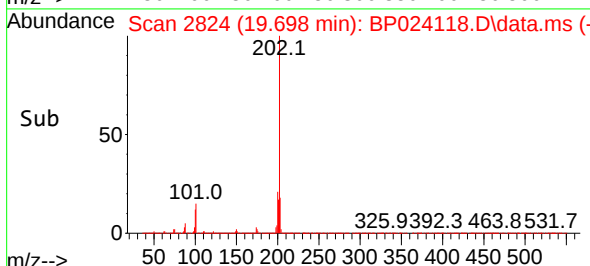
Reviewed By :Yogesh Patel 02/28/2025  
Supervised By :mohammad ahmed 02/28/2025

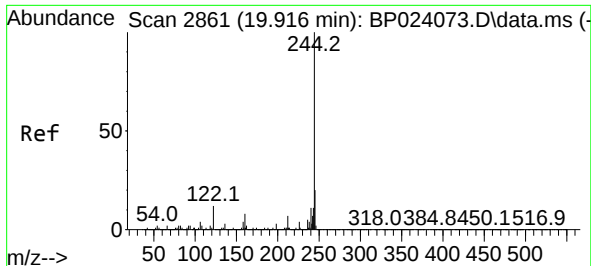


#78  
Pyrene  
Concen: 43.383 ng  
RT: 19.698 min Scan# 2824  
Delta R.T. 0.006 min  
Lab File: BP024118.D  
Acq: 27 Feb 2025 13:00



Tgt Ion:202 Resp: 4689110  
Ion Ratio Lower Upper  
202 100  
200 21.4 17.2 25.8  
203 17.9 14.4 21.6





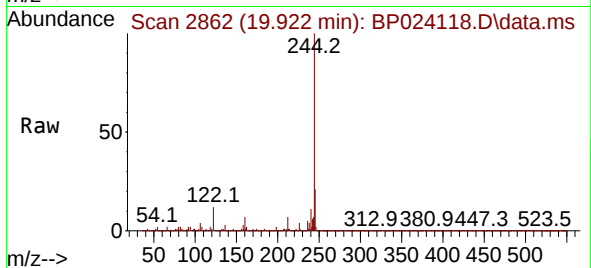
#79  
 Terphenyl-d14  
 Concen: 92.478 ng  
 RT: 19.922 min Scan# 2862  
 Delta R.T. 0.006 min  
 Lab File: BP024118.D  
 Acq: 27 Feb 2025 13:00

Instrument :

BNA\_P

ClientSampleId :

PB166894BS

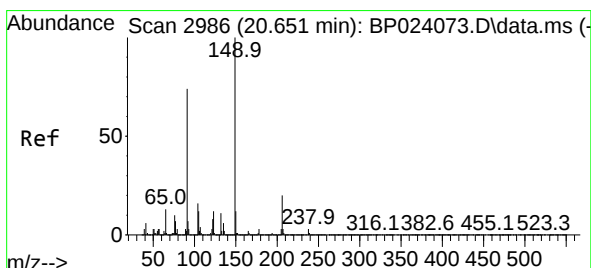
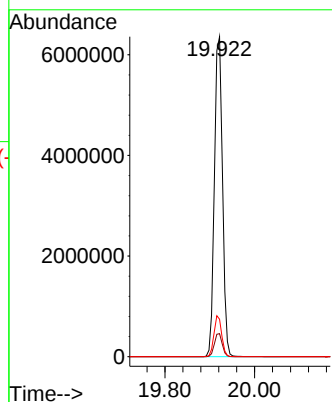
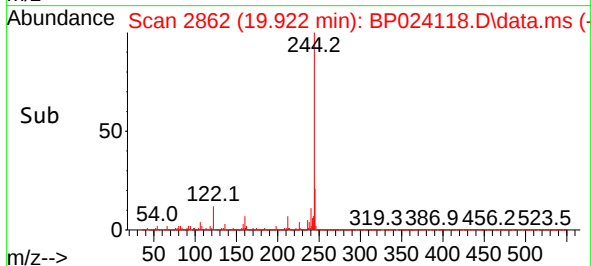


Tgt Ion:244 Resp: 795269  
 Ion Ratio Lower Upper  
 244 100  
 212 7.2 5.9 8.9  
 122 11.7 9.4 14.2

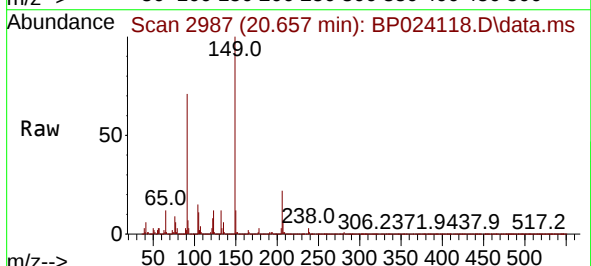
Manual Integrations

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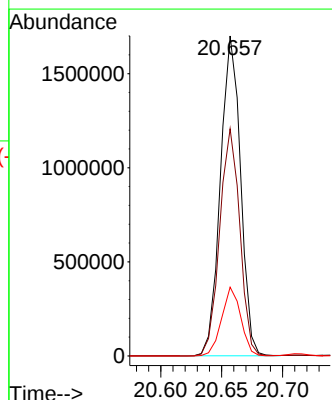
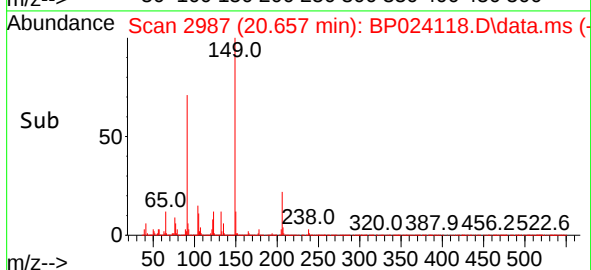
Reviewed By :Yogesh Patel 02/28/2025  
 Supervised By :mohammad ahmed 02/28/2025

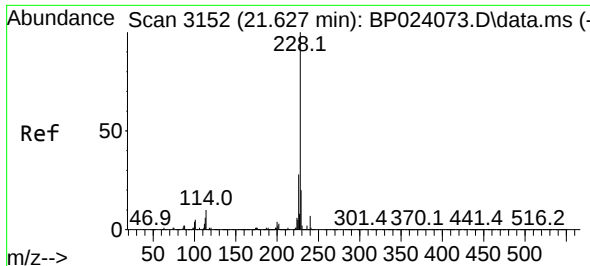


#80  
 Butylbenzylphthalate  
 Concen: 47.184 ng  
 RT: 20.657 min Scan# 2987  
 Delta R.T. 0.006 min  
 Lab File: BP024118.D  
 Acq: 27 Feb 2025 13:00



Tgt Ion:149 Resp: 1954264  
 Ion Ratio Lower Upper  
 149 100  
 91 71.0 59.4 89.0  
 206 21.5 16.2 24.2





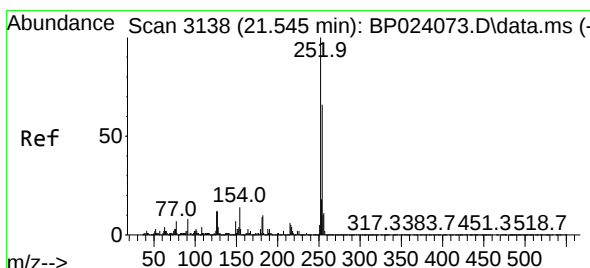
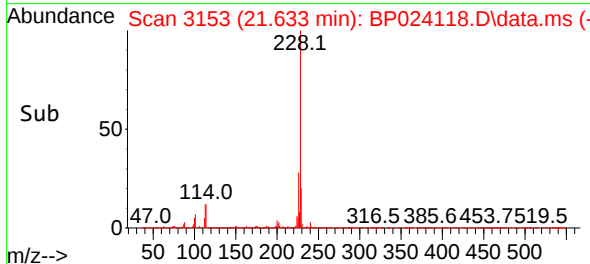
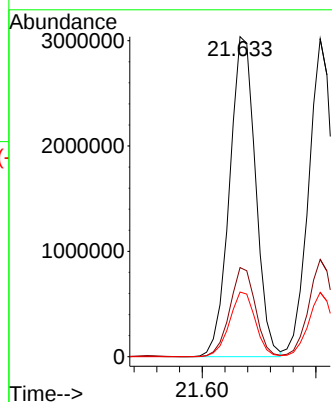
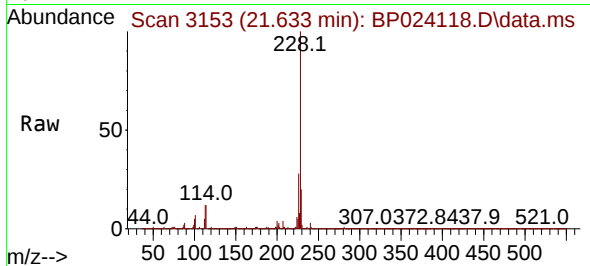
#81  
Benzo(a)anthracene  
Concen: 45.165 ng  
RT: 21.633 min Scan# 3153  
Delta R.T. 0.006 min  
Lab File: BP024118.D  
Acq: 27 Feb 2025 13:00

Instrument :  
BNA\_P  
ClientSampleId :  
PB166894BS

Tgt Ion:228 Resp: 4819109  
Ion Ratio Lower Upper  
228 100  
226 27.9 22.2 33.4  
229 20.2 15.8 23.8

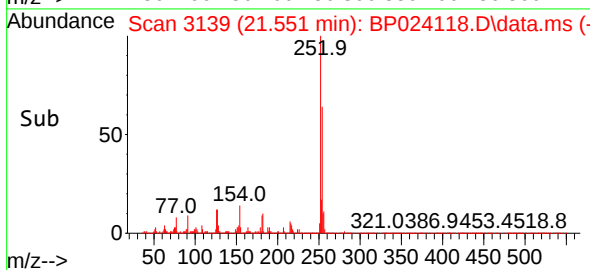
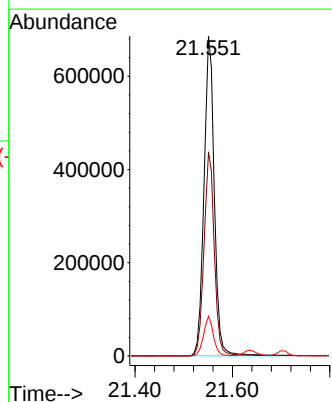
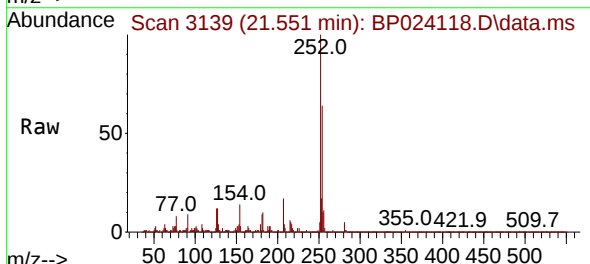
Manual Integrations  
APPROVED

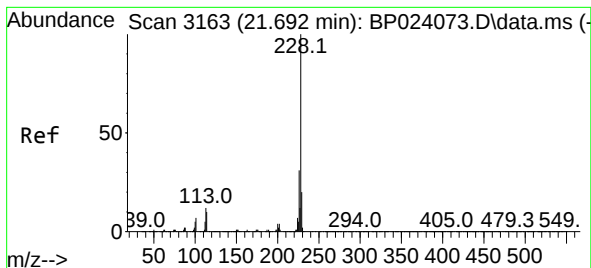
Reviewed By :Yogesh Patel 02/28/2025  
Supervised By :mohammad ahmed 02/28/2025



#82  
3,3'-Dichlorobenzidine  
Concen: 30.098 ng  
RT: 21.551 min Scan# 3139  
Delta R.T. 0.006 min  
Lab File: BP024118.D  
Acq: 27 Feb 2025 13:00

Tgt Ion:252 Resp: 1003532  
Ion Ratio Lower Upper  
252 100  
254 63.8 52.4 78.6  
126 12.4 9.6 14.4





#83

Chrysene

Concen: 44.073 ng

RT: 21.704 min Scan# 3165

Delta R.T. 0.012 min

Lab File: BP024118.D

Acq: 27 Feb 2025 13:00

Instrument :

BNA\_P

ClientSampleId :

PB166894BS

Tgt Ion:228 Resp: 4534660

Ion Ratio Lower Upper

228 100

226 30.6 24.5 36.7

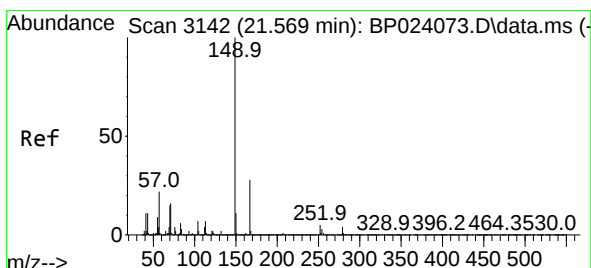
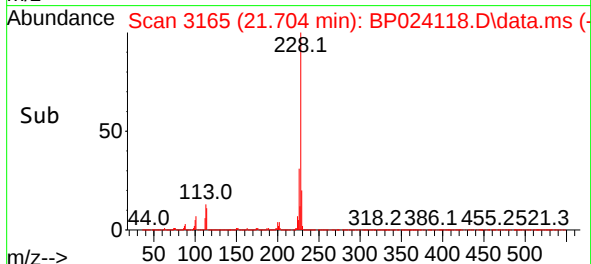
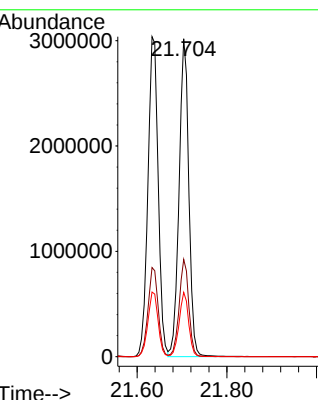
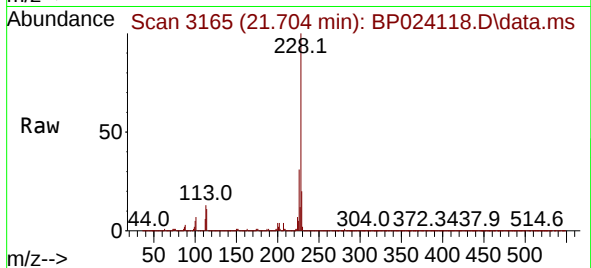
229 20.3 16.1 24.1

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 02/28/2025

Supervised By :mohammad ahmed 02/28/2025



#84

Bis(2-ethylhexyl)phthalate

Concen: 45.488 ng

RT: 21.580 min Scan# 3144

Delta R.T. 0.012 min

Lab File: BP024118.D

Acq: 27 Feb 2025 13:00

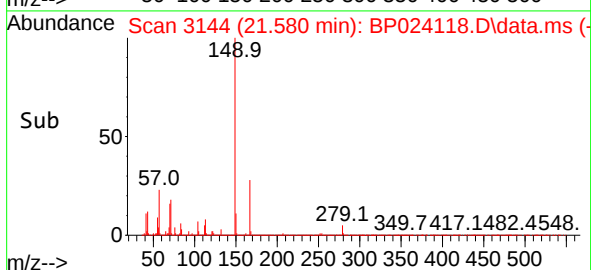
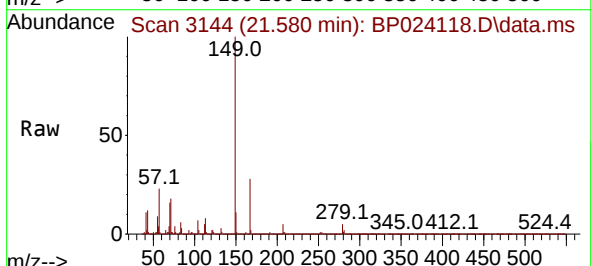
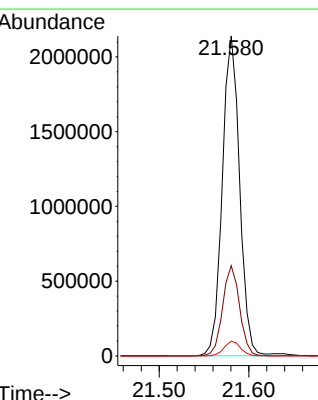
Tgt Ion:149 Resp: 2856995

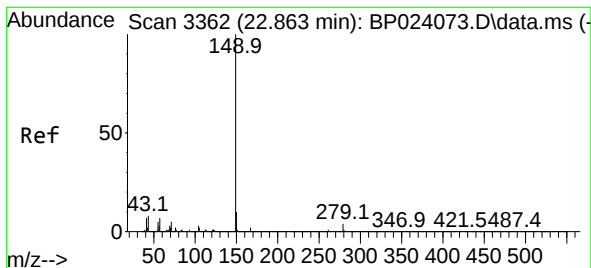
Ion Ratio Lower Upper

149 100

167 28.2 22.2 33.2

279 4.6 3.6 5.4





#85

Di-n-octyl phthalate

Concen: 46.026 ng

RT: 22.886 min Scan# 31

Delta R.T. 0.023 min

Lab File: BP024118.D

Acq: 27 Feb 2025 13:00

Instrument :

BNA\_P

ClientSampleId :

PB166894BS

Tgt Ion:149 Resp: 4620749

Ion Ratio Lower Upper

149 100

167 1.5 1.3 1.9

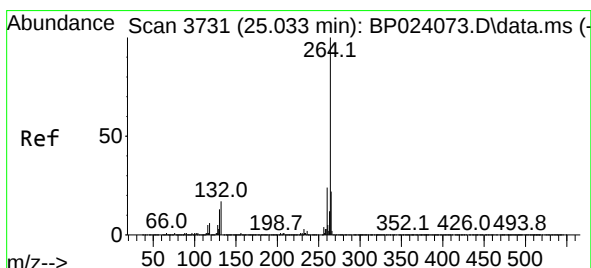
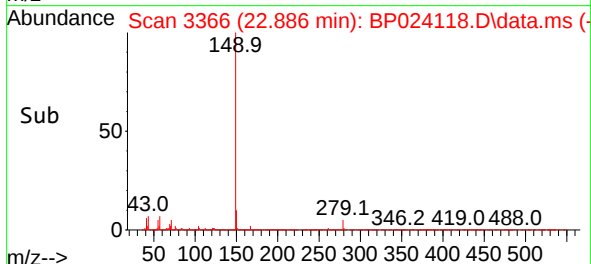
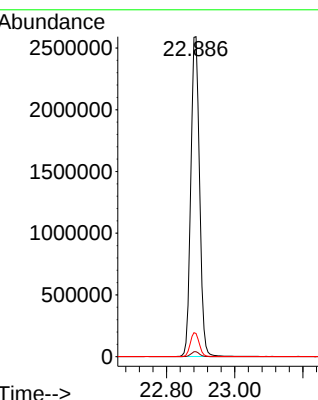
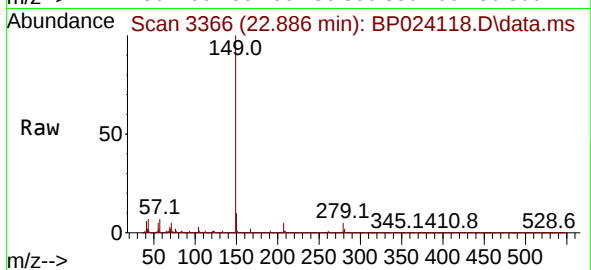
43 7.7 6.4 9.6

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 02/28/2025

Supervised By :mohammad ahmed 02/28/2025



#86

Perylene-d12

Concen: 20.000 ng

RT: 25.051 min Scan# 3734

Delta R.T. 0.018 min

Lab File: BP024118.D

Acq: 27 Feb 2025 13:00

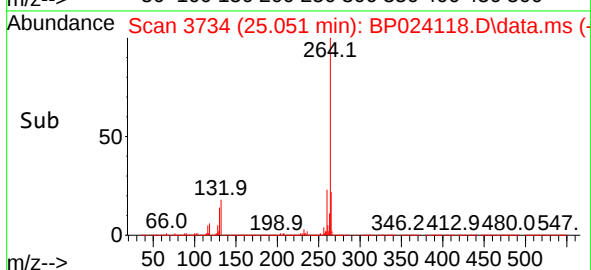
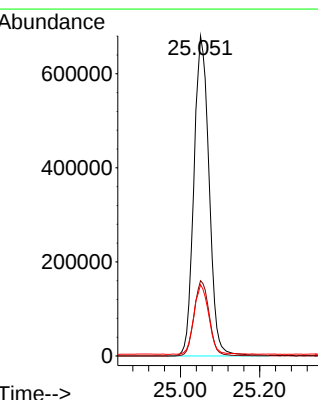
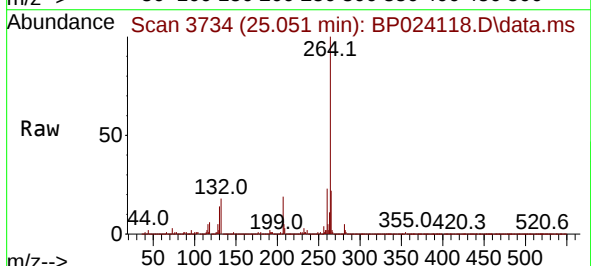
Tgt Ion:264 Resp: 1810661

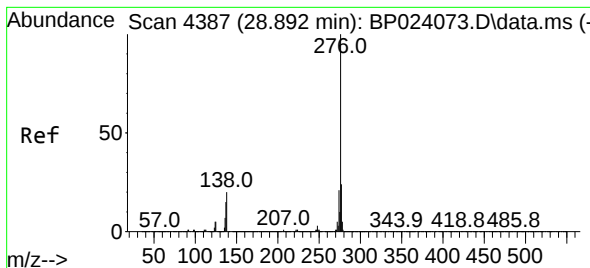
Ion Ratio Lower Upper

264 100

260 23.5 19.0 28.6

265 22.2 17.8 26.8





#87

Indeno(1,2,3-cd)pyrene

Concen: 47.810 ng m

RT: 28.915 min Scan# 41

Delta R.T. 0.024 min

Lab File: BP024118.D

Acq: 27 Feb 2025 13:00

Instrument :

BNA\_P

ClientSampleId :

PB166894BS

Tgt Ion:276 Resp: 615846

Ion Ratio Lower Upper

276 100

138 17.2 14.2 21.4

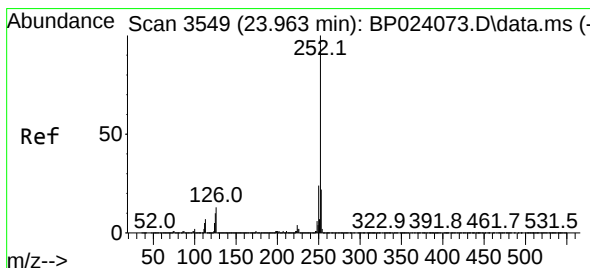
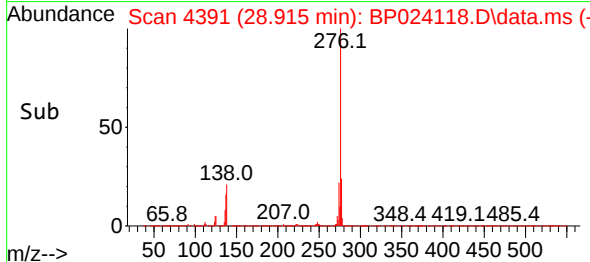
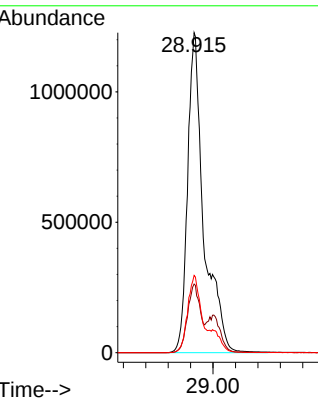
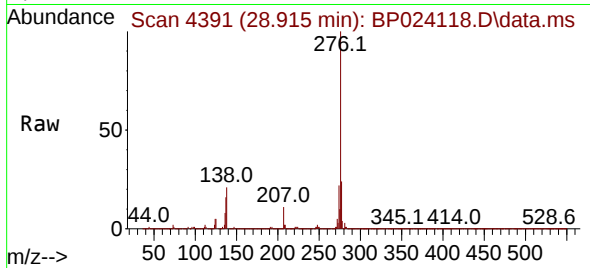
277 20.3 16.2 24.4

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 02/28/2025

Supervised By :mohammad ahmed 02/28/2025



#88

Benzo(b)fluoranthene

Concen: 42.382 ng

RT: 23.986 min Scan# 3553

Delta R.T. 0.024 min

Lab File: BP024118.D

Acq: 27 Feb 2025 13:00

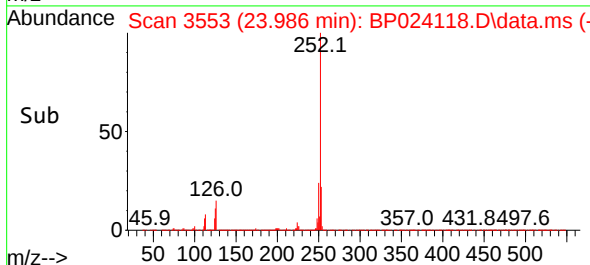
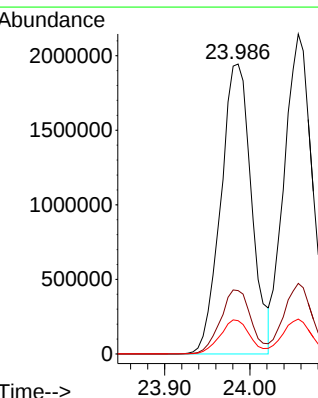
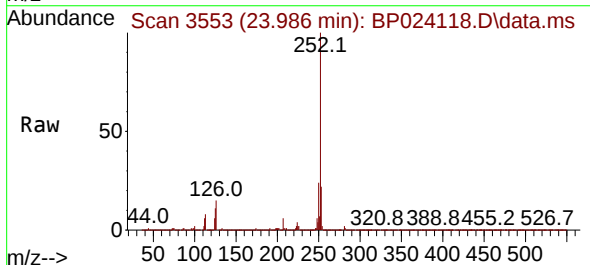
Tgt Ion:252 Resp: 4873204

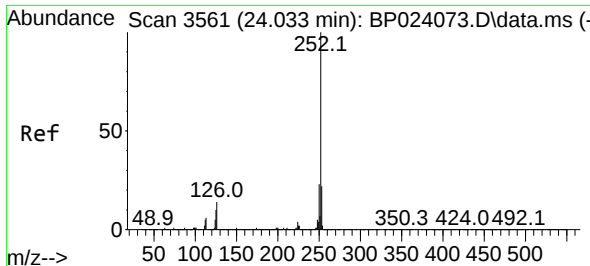
Ion Ratio Lower Upper

252 100

253 21.9 17.8 26.6

125 11.5 8.4 12.6





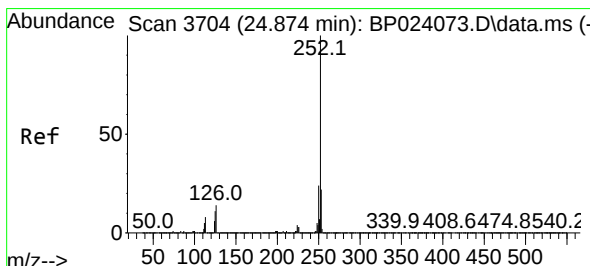
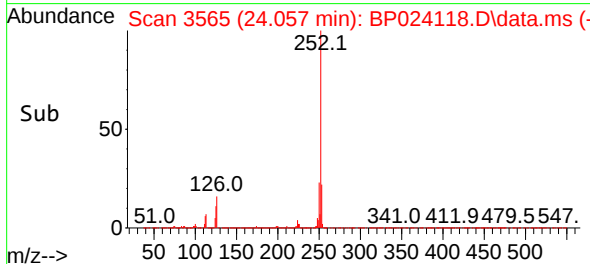
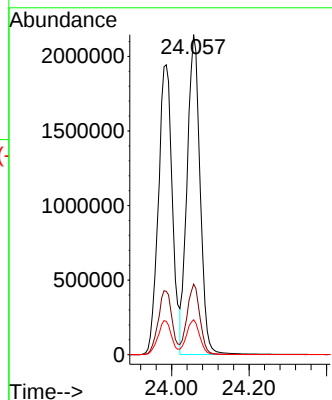
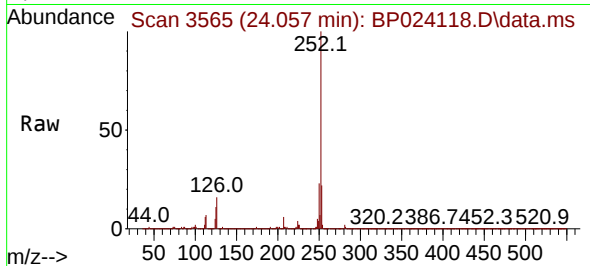
#89  
Benzo(k)fluoranthene  
Concen: 44.377 ng  
RT: 24.057 min Scan# 31  
Delta R.T. 0.023 min  
Lab File: BP024118.D  
Acq: 27 Feb 2025 13:00

Instrument :  
BNA\_P  
ClientSampleId :  
PB166894BS

Tgt Ion:252 Resp: 496665  
Ion Ratio Lower Upper  
252 100  
253 22.1 17.8 26.6  
125 10.9 8.1 12.1

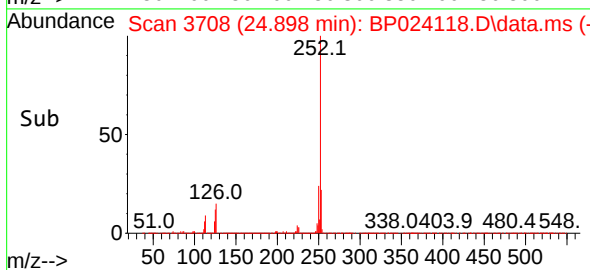
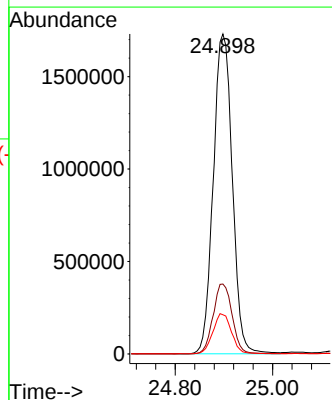
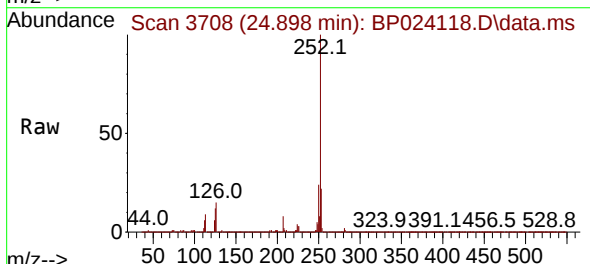
Manual Integrations  
APPROVED

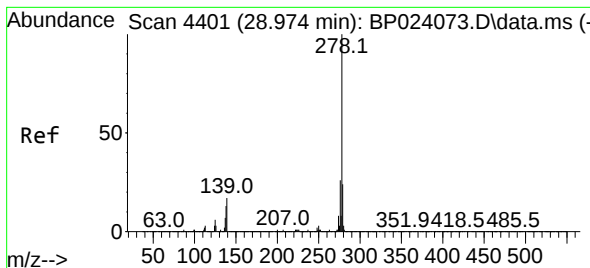
Reviewed By :Yogesh Patel 02/28/2025  
Supervised By :mohammad ahmed 02/28/2025



#90  
Benzo(a)pyrene  
Concen: 48.030 ng  
RT: 24.898 min Scan# 3708  
Delta R.T. 0.024 min  
Lab File: BP024118.D  
Acq: 27 Feb 2025 13:00

Tgt Ion:252 Resp: 4686771  
Ion Ratio Lower Upper  
252 100  
253 21.8 17.6 26.4  
125 12.3 8.8 13.2





#91

Dibenzo(a,h)anthracene

Concen: 46.410 ng

RT: 29.003 min Scan# 4401

Delta R.T. 0.029 min

Lab File: BP024118.D

Acq: 27 Feb 2025 13:00

Instrument :

BNA\_P

ClientSampleId :

PB166894BS

Tgt Ion:278 Resp: 5026619

Ion Ratio Lower Upper

278 100

139 17.4 13.4 20.0

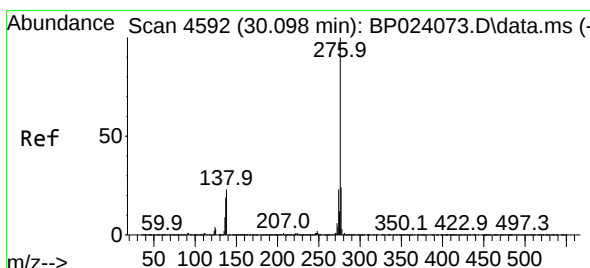
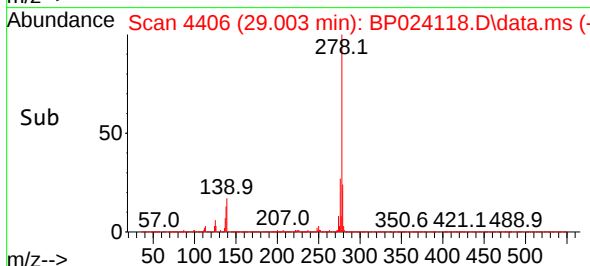
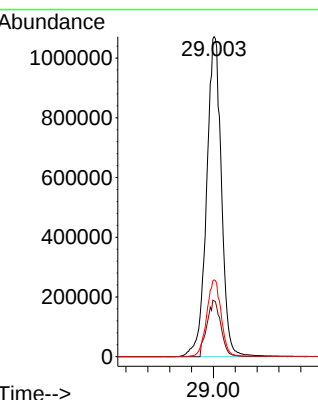
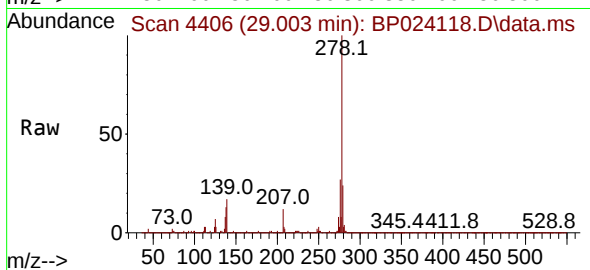
279 24.0 19.0 28.4

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 02/28/2025

Supervised By :mohammad ahmed 02/28/2025



#92

Benzo(g,h,i)perylene

Concen: 43.492 ng

RT: 30.115 min Scan# 4595

Delta R.T. 0.018 min

Lab File: BP024118.D

Acq: 27 Feb 2025 13:00

Tgt Ion:276 Resp: 4779983

Ion Ratio Lower Upper

276 100

277 24.4 18.9 28.3

138 22.9 18.1 27.1

