

Data Path : Z:\svoasrv\HPCHEM1\BNA\_P\Data\BP061024\  
 Data File : BP020577.D  
 Acq On : 10 Jun 2024 14:45  
 Operator : MA/JU  
 Sample : P2740-04MS  
 Misc :  
 ALS Vial : 8 Sample Multiplier: 1

Instrument :  
 BNA\_P  
 ClientSampleId :  
 WCS-TPAMS

Manual Integrations  
 APPROVED

Reviewed By :Jagrut Upadhyay 06/11/2024  
 Supervised By :mohammad ahmed 06/13/2024

Quant Time: Jun 10 15:49:14 2024  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_P\Methods\8270E-BP052924.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Thu May 30 03:41:03 2024  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc    | Units | Dev(Min) |
|-------------------------------|--------|------|----------|---------|-------|----------|
| -----                         |        |      |          |         |       |          |
| Internal Standards            |        |      |          |         |       |          |
| 1) 1,4-Dichlorobenzene-d4     | 7.763  | 152  | 229984   | 20.000  | ng    | 0.00     |
| 21) Naphthalene-d8            | 10.528 | 136  | 909059   | 20.000  | ng    | 0.00     |
| 39) Acenaphthene-d10          | 14.387 | 164  | 580517   | 20.000  | ng    | 0.00     |
| 64) Phenanthrene-d10          | 17.198 | 188  | 1272961  | 20.000  | ng    | 0.00     |
| 76) Chrysene-d12              | 21.657 | 240  | 1276156  | 20.000  | ng    | -0.01    |
| 86) Perylene-d12              | 25.033 | 264  | 1382894  | 20.000  | ng    | 0.01     |
| System Monitoring Compounds   |        |      |          |         |       |          |
| 5) 2-Fluorophenol             | 5.381  | 112  | 1577846  | 122.837 | ng    | 0.00     |
| 7) Phenol-d6                  | 6.940  | 99   | 1934851  | 106.811 | ng    | 0.00     |
| 23) Nitrobenzene-d5           | 8.910  | 82   | 1359003  | 81.834  | ng    | -0.01    |
| 42) 2,4,6-Tribromophenol      | 15.904 | 330  | 972504   | 161.421 | ng    | 0.00     |
| 45) 2-Fluorobiphenyl          | 12.998 | 172  | 3118388  | 80.078  | ng    | 0.00     |
| 79) Terphenyl-d14             | 19.933 | 244  | 5431666  | 70.855  | ng    | -0.01    |
| Target Compounds              |        |      |          |         |       |          |
|                               |        |      |          |         |       | Qvalue   |
| 2) 1,4-Dioxane                | 3.334  | 88   | 187485   | 36.123  | ng    | # 52     |
| 3) Pyridine                   | 3.734  | 79   | 456438   | 31.278  | ng    | 96       |
| 4) n-Nitrosodimethylamine     | 3.634  | 42   | 267910   | 37.798  | ng    | 94       |
| 6) Aniline                    | 7.105  | 93   | 233730   | 12.734  | ng    | 97       |
| 8) 2-Chlorophenol             | 7.334  | 128  | 639272   | 44.396  | ng    | 97       |
| 9) Benzaldehyde               | 6.916  | 77   | 28960m   | 2.492   | ng    |          |
| 10) Phenol                    | 6.969  | 94   | 724769   | 39.060  | ng    | 99       |
| 11) bis(2-Chloroethyl)ether   | 7.199  | 93   | 602371   | 39.365  | ng    | 99       |
| 12) 1,3-Dichlorobenzene       | 7.646  | 146  | 685769   | 40.422  | ng    | 99       |
| 13) 1,4-Dichlorobenzene       | 7.799  | 146  | 703241   | 40.784  | ng    | 99       |
| 14) 1,2-Dichlorobenzene       | 8.110  | 146  | 681087   | 40.929  | ng    | 98       |
| 15) Benzyl Alcohol            | 8.005  | 79   | 537265   | 40.153  | ng    | 100      |
| 16) 2,2'-oxybis(1-Chloropr... | 8.269  | 45   | 844476   | 36.964  | ng    | 98       |
| 17) 2-Methylphenol            | 8.199  | 107  | 525392   | 41.725  | ng    | 100      |
| 18) Hexachloroethane          | 8.828  | 117  | 257920   | 40.964  | ng    | 94       |
| 19) n-Nitroso-di-n-propyla... | 8.569  | 70   | 473946   | 38.326  | ng    | 96       |
| 20) 3+4-Methylphenols         | 8.528  | 107  | 707152   | 41.290  | ng    | 100      |
| 22) Acetophenone              | 8.581  | 105  | 947954   | 42.010  | ng    | 99       |
| 24) Nitrobenzene              | 8.952  | 77   | 691973   | 41.057  | ng    | 99       |
| 25) Isophorone                | 9.475  | 82   | 1319223  | 40.886  | ng    | 99       |
| 26) 2-Nitrophenol             | 9.652  | 139  | 329578   | 49.320  | ng    | 99       |
| 27) 2,4-Dimethylphenol        | 9.710  | 122  | 454277   | 46.603  | ng    | 98       |
| 28) bis(2-Chloroethoxy)met... | 9.952  | 93   | 805399   | 40.611  | ng    | 100      |
| 29) 2,4-Dichlorophenol        | 10.181 | 162  | 622966   | 47.636  | ng    | 96       |
| 30) 1,2,4-Trichlorobenzene    | 10.393 | 180  | 659331   | 42.468  | ng    | 97       |
| 31) Naphthalene               | 10.581 | 128  | 1930948  | 41.550  | ng    | 100      |
| 32) Benzoic acid              | 9.857  | 122  | 348839   | 39.142  | ng    | 96       |
| 33) 4-Chloroaniline           | 10.693 | 127  | 68085    | 3.787   | ng    | 97       |
| 34) Hexachlorobutadiene       | 10.851 | 225  | 408793   | 41.800  | ng    | 100      |
| 35) Caprolactam               | 11.504 | 113  | 202991   | 42.356  | ng    | 96       |
| 36) 4-Chloro-3-methylphenol   | 11.822 | 107  | 682128   | 44.550  | ng    | 96       |
| 37) 2-Methylnaphthalene       | 12.187 | 142  | 1350470  | 40.554  | ng    | 99       |
| 38) 1-Methylnaphthalene       | 12.416 | 142  | 1264462  | 38.305  | ng    | 100      |
| 40) 1,2,4,5-Tetrachloroben... | 12.551 | 216  | 769476   | 45.812  | ng    | 99       |
| 41) Hexachlorocyclopentadiene | 12.528 | 237  | 882492   | 149.499 | ng    | 100      |
| 43) 2,4,6-Trichlorophenol     | 12.810 | 196  | 517011   | 50.923  | ng    | 99       |

Data Path : Z:\svoasrv\HPCHEM1\BNA\_P\Data\BP061024\  
 Data File : BP020577.D  
 Acq On : 10 Jun 2024 14:45  
 Operator : MA/JU  
 Sample : P2740-04MS  
 Misc :  
 ALS Vial : 8 Sample Multiplier: 1

## Instrument :

BNA\_P

## ClientSampleId :

WCS-TPAMS

## Manual Integrations

## APPROVED

Reviewed By :Jagrut Upadhyay 06/11/2024  
 Supervised By :mohammad ahmed 06/13/2024

Quant Time: Jun 10 15:49:14 2024

Quant Method : Z:\svoasrv\HPCHEM1\BNA\_P\Methods\8270E-BP052924.M

Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

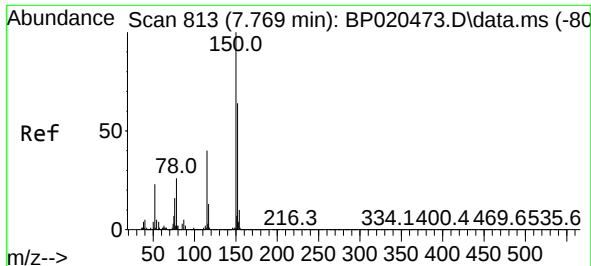
QLast Update : Thu May 30 03:41:03 2024

Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc    | Units | Dev(Min) |
|-------------------------------|--------|------|----------|---------|-------|----------|
| 44) 2,4,5-Trichlorophenol     | 12.875 | 196  | 564261   | 48.173  | ng    | 98       |
| 46) 1,1'-Biphenyl             | 13.210 | 154  | 1787712  | 43.636  | ng    | 99       |
| 47) 2-Chloronaphthalene       | 13.251 | 162  | 1383462  | 42.478  | ng    | 99       |
| 48) 2-Nitroaniline            | 13.463 | 65   | 434665   | 49.252  | ng    | 98       |
| 49) Acenaphthylene            | 14.104 | 152  | 2296393  | 47.518  | ng    | 100      |
| 50) Dimethylphthalate         | 13.851 | 163  | 1859511  | 45.442  | ng    | 100      |
| 51) 2,6-Dinitrotoluene        | 13.969 | 165  | 407743   | 46.618  | ng    | 93       |
| 52) Acenaphthene              | 14.451 | 154  | 1294126  | 42.452  | ng    | 100      |
| 53) 3-Nitroaniline            | 14.304 | 138  | 95724    | 10.911  | ng    | 100      |
| 54) 2,4-Dinitrophenol         | 14.498 | 184  | 428547   | 100.063 | ng    | 96       |
| 55) Dibenzofuran              | 14.787 | 168  | 2151120  | 44.545  | ng    | 99       |
| 56) 4-Nitrophenol             | 14.622 | 139  | 706292   | 104.071 | ng    | 98       |
| 57) 2,4-Dinitrotoluene        | 14.757 | 165  | 571469   | 49.716  | ng    | 93       |
| 58) Fluorene                  | 15.457 | 166  | 1687970  | 43.541  | ng    | 100      |
| 59) 2,3,4,6-Tetrachlorophenol | 15.028 | 232  | 503229   | 52.499  | ng    | 97       |
| 60) Diethylphthalate          | 15.228 | 149  | 1841864  | 44.279  | ng    | 99       |
| 61) 4-Chlorophenyl-phenyle... | 15.451 | 204  | 871409   | 43.560  | ng    | 98       |
| 62) 4-Nitroaniline            | 15.487 | 138  | 368129   | 40.734  | ng    | 99       |
| 63) Azobenzene                | 15.751 | 77   | 1684832  | 43.377  | ng    | 98       |
| 65) 4,6-Dinitro-2-methylph... | 15.539 | 198  | 314055   | 54.428  | ng    | 96       |
| 66) n-Nitrosodiphenylamine    | 15.669 | 169  | 1258947  | 35.972  | ng    | 99       |
| 67) 4-Bromophenyl-phenylether | 16.369 | 248  | 591668   | 45.432  | ng    | 99       |
| 68) Hexachlorobenzene         | 16.481 | 284  | 665169   | 43.398  | ng    | 98       |
| 69) Atrazine                  | 16.645 | 200  | 250675   | 20.359  | ng    | 99       |
| 70) Pentachlorophenol         | 16.834 | 266  | 920150   | 98.847  | ng    | 98       |
| 71) Phenanthrene              | 17.245 | 178  | 2836684  | 45.332  | ng    | 99       |
| 72) Anthracene                | 17.333 | 178  | 2882953  | 46.952  | ng    | 99       |
| 73) Carbazole                 | 17.616 | 167  | 2072234  | 34.890  | ng    | 100      |
| 74) Di-n-butylphthalate       | 18.216 | 149  | 3324094  | 46.216  | ng    | 99       |
| 75) Fluoranthene              | 19.333 | 202  | 3530696  | 47.693  | ng    | 99       |
| 77) Benzidine                 | 19.545 | 184  | 377776m  | 13.261  | ng    |          |
| 78) Pyrene                    | 19.710 | 202  | 3636769  | 37.887  | ng    | 99       |
| 80) Butylbenzylphthalate      | 20.674 | 149  | 1567951  | 40.937  | ng    | 92       |
| 81) Benzo(a)anthracene        | 21.633 | 228  | 3768060  | 44.843  | ng    | 100      |
| 82) 3,3'-Dichlorobenzidine    | 21.563 | 252  | 281381   | 11.265  | ng    | 99       |
| 83) Chrysene                  | 21.704 | 228  | 3572440  | 45.119  | ng    | 100      |
| 84) Bis(2-ethylhexyl)phtha... | 21.586 | 149  | 2298364  | 42.071  | ng    | 98       |
| 85) Di-n-octyl phthalate      | 22.880 | 149  | 4090660  | 51.518  | ng    | 97       |
| 87) Indeno(1,2,3-cd)pyrene    | 28.856 | 276  | 4772712m | 56.755  | ng    |          |
| 88) Benzo(b)fluoranthene      | 23.963 | 252  | 3920242  | 45.504  | ng    | 99       |
| 89) Benzo(k)fluoranthene      | 24.033 | 252  | 3944811  | 46.947  | ng    | 100      |
| 90) Benzo(a)pyrene            | 24.874 | 252  | 3669177  | 51.426  | ng    | 98       |
| 91) Dibenzo(a,h)anthracene    | 28.939 | 278  | 3947057  | 56.273  | ng    | 100      |
| 92) Benzo(g,h,i)perylene      | 30.045 | 276  | 3628327  | 51.753  | ng    | 97       |

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





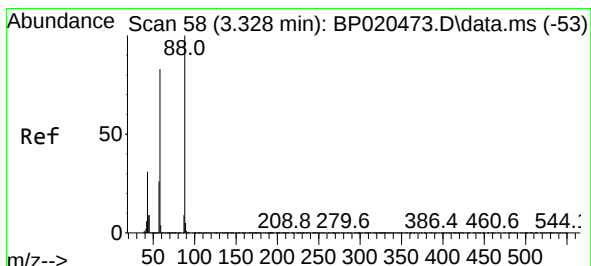
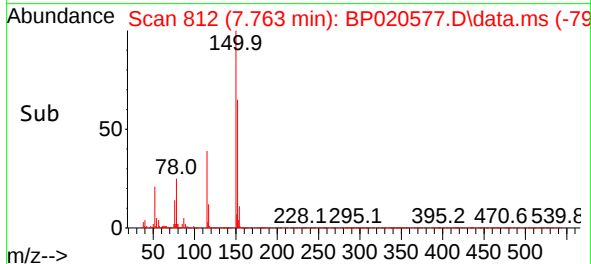
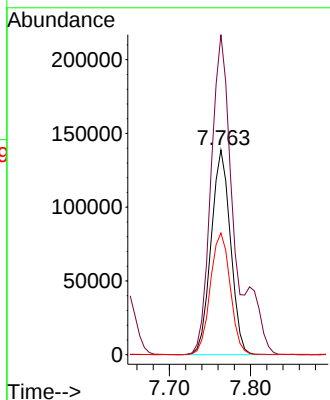
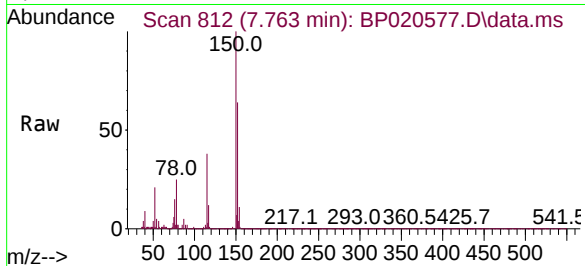
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1,4-Dichlorobenzene-d4  
Concen: 20.000 ng  
RT: 7.763 min Scan# 81  
Delta R.T. -0.006 min  
Lab File: BP020577.D  
Acq: 10 Jun 2024 14:45

Instrument :  
BNA\_P  
ClientSampleId :  
WCS-TPAMS

Tgt Ion:152 Resp: 229984  
Ion Ratio Lower Upper  
152 100  
150 156.3 124.2 186.2  
115 59.5 49.5 74.3

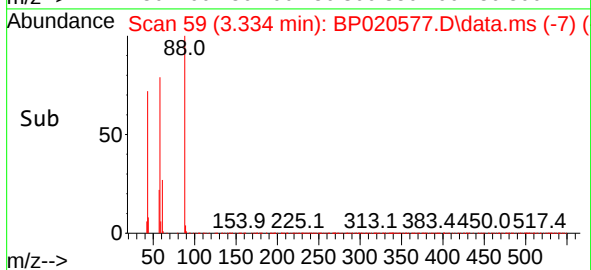
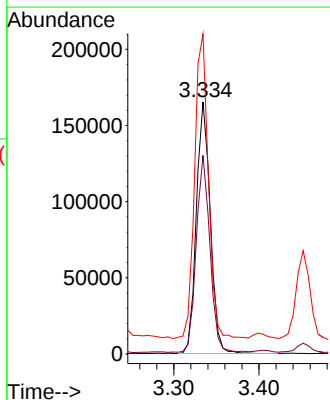
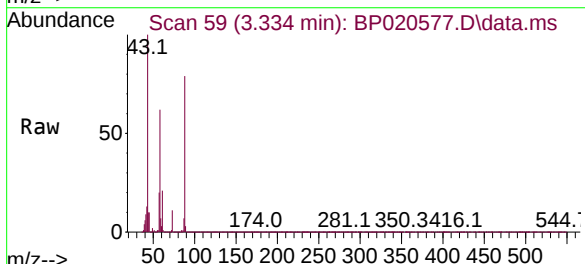
Manual Integrations  
APPROVED

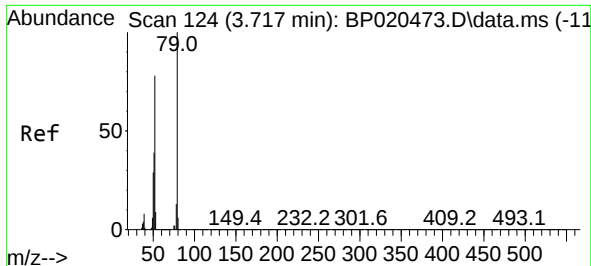
Reviewed By :Jagrut Upadhyay 06/11/2024  
Supervised By :mohammad ahmed 06/13/2024



#2  
1,4-Dioxane  
Concen: 36.123 ng  
RT: 3.334 min Scan# 59  
Delta R.T. 0.006 min  
Lab File: BP020577.D  
Acq: 10 Jun 2024 14:45

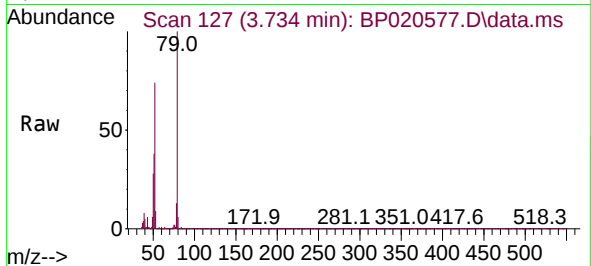
Tgt Ion: 88 Resp: 187485  
Ion Ratio Lower Upper  
88 100  
58 76.3 64.6 97.0  
43 119.8 24.5 36.7#





#3  
Pyridine  
Concen: 31.278 ng  
RT: 3.734 min Scan# 110  
Delta R.T. 0.018 min  
Lab File: BP020577.D  
Acq: 10 Jun 2024 14:45

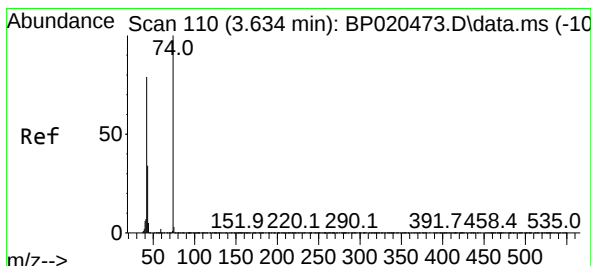
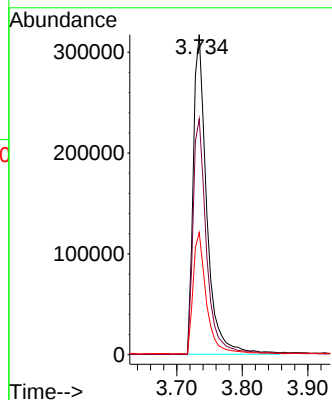
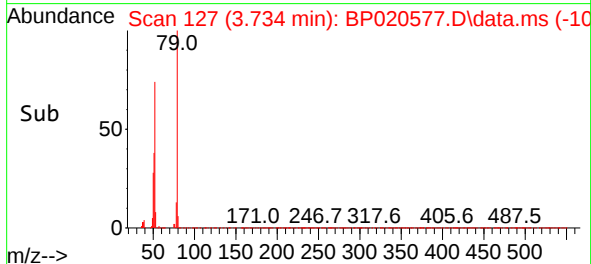
Instrument :  
BNA\_P  
ClientSampleId :  
WCS-TPAMS



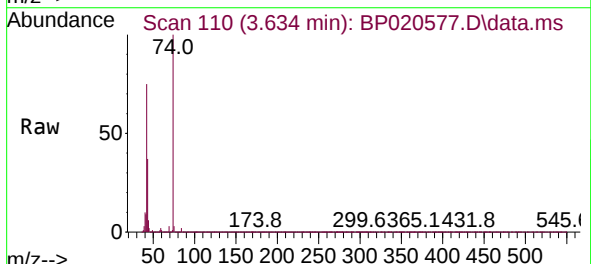
Tgt Ion: 79 Resp: 456438  
Ion Ratio Lower Upper  
79 100  
52 73.7 62.6 94.0  
51 38.1 31.0 46.4

Manual Integrations  
APPROVED

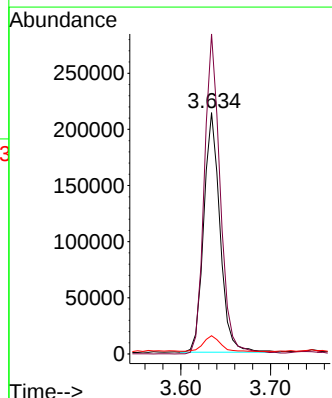
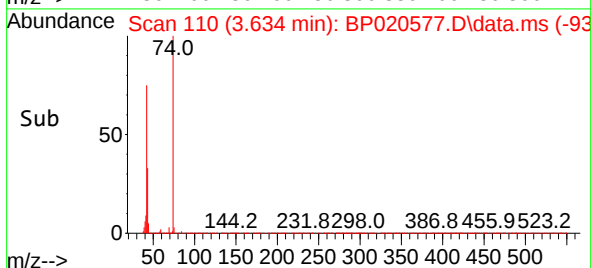
Reviewed By :Jagrut Upadhyay 06/11/2024  
Supervised By :mohammad ahmed 06/13/2024

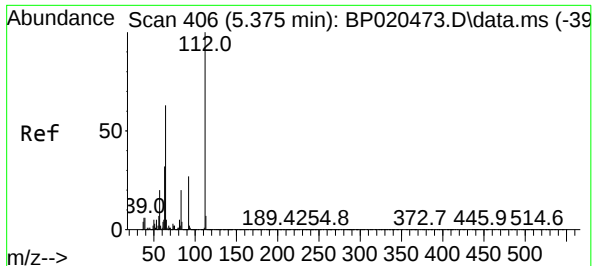


#4  
n-Nitrosodimethylamine  
Concen: 37.798 ng  
RT: 3.634 min Scan# 110  
Delta R.T. -0.000 min  
Lab File: BP020577.D  
Acq: 10 Jun 2024 14:45



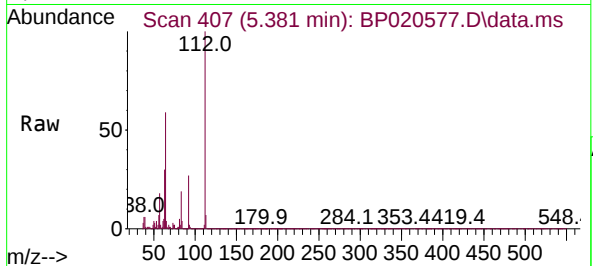
Tgt Ion: 42 Resp: 267910  
Ion Ratio Lower Upper  
42 100  
74 132.6 100.6 151.0  
44 7.6 5.8 8.8





#5  
2-Fluorophenol  
Concen: 122.837 ng  
RT: 5.381 min Scan# 406  
Delta R.T. 0.006 min  
Lab File: BP020577.D  
Acq: 10 Jun 2024 14:45

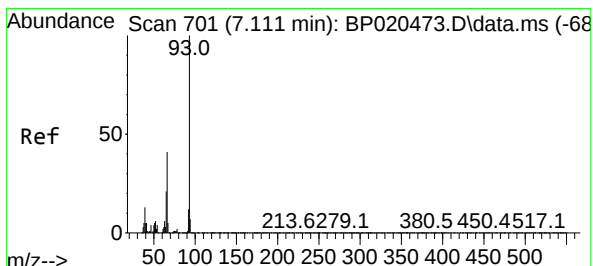
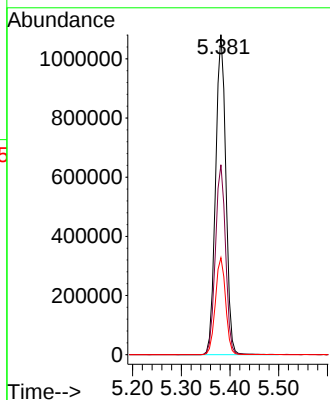
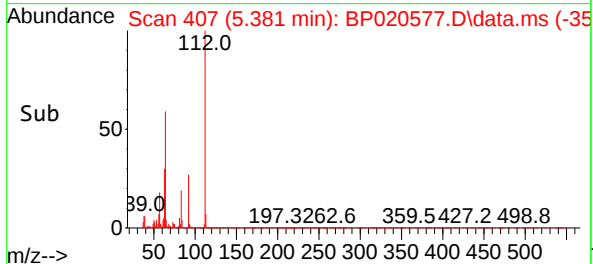
Instrument :  
BNA\_P  
ClientSampleId :  
WCS-TPAMS



Tgt Ion:112 Resp: 1577840  
Ion Ratio Lower Upper  
112 100  
64 59.4 50.1 75.1  
63 30.3 25.7 38.5

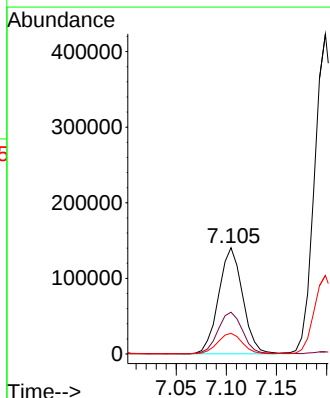
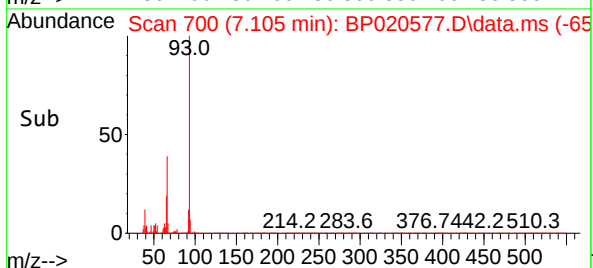
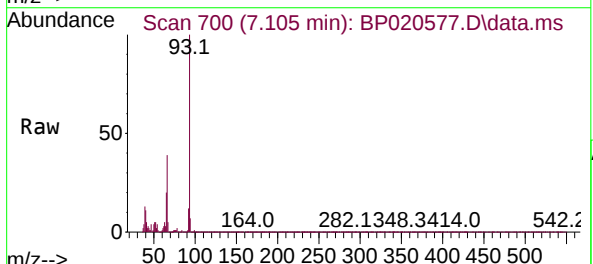
Manual Integrations  
APPROVED

Reviewed By :Jagrut Upadhyay 06/11/2024  
Supervised By :mohammad ahmed 06/13/2024



#6  
Aniline  
Concen: 12.734 ng  
RT: 7.105 min Scan# 700  
Delta R.T. -0.006 min  
Lab File: BP020577.D  
Acq: 10 Jun 2024 14:45

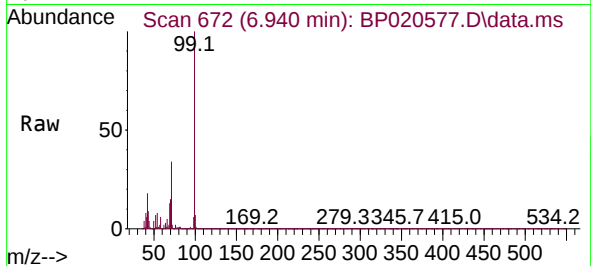
Tgt Ion: 93 Resp: 233730  
Ion Ratio Lower Upper  
93 100  
66 39.3 32.8 49.2  
65 19.5 16.9 25.3





#7  
Phenol-d6  
Concen: 106.811 ng  
RT: 6.940 min Scan# 61  
Delta R.T. 0.006 min  
Lab File: BP020577.D  
Acq: 10 Jun 2024 14:45

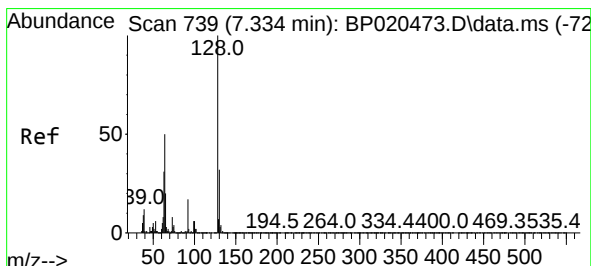
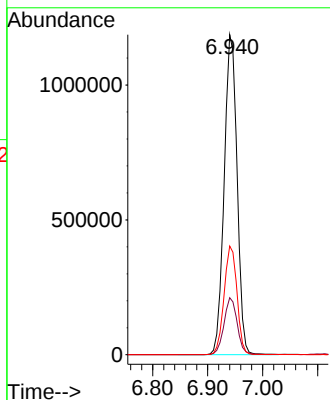
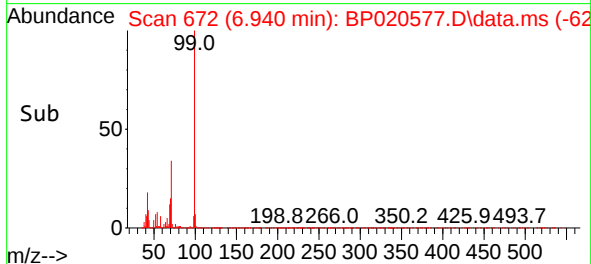
Instrument :  
BNA\_P  
ClientSampleId :  
WCS-TPAMS



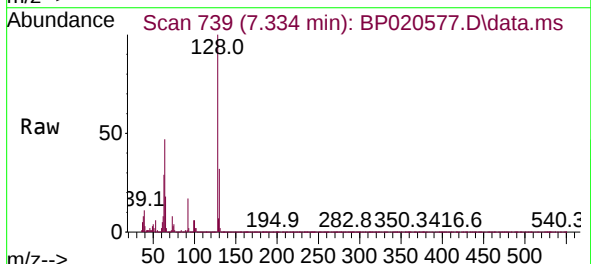
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71 33.9 27.3 40.9

Manual Integrations  
APPROVED

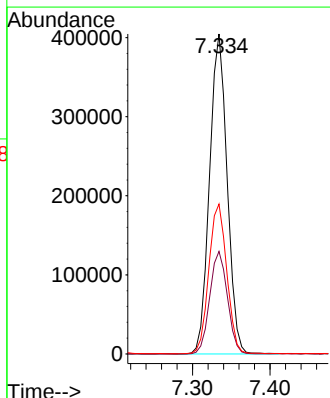
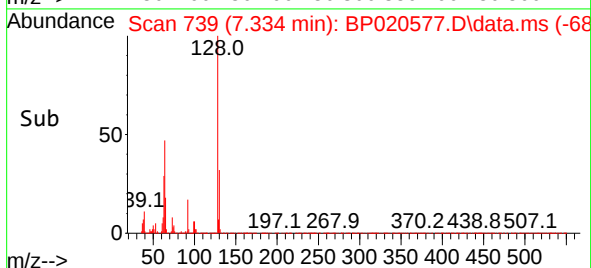
Reviewed By :Jagrut Upadhyay 06/11/2024  
Supervised By :mohammad ahmed 06/13/2024

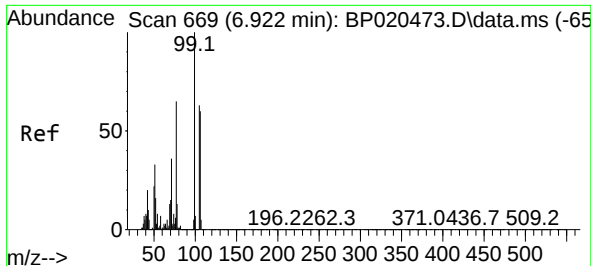


#8  
2-Chlorophenol  
Concen: 44.396 ng  
RT: 7.334 min Scan# 739  
Delta R.T. 0.000 min  
Lab File: BP020577.D  
Acq: 10 Jun 2024 14:45



Tgt Ion:128 Resp: 639272  
Ion Ratio Lower Upper  
128 100  
130 32.0 12.4 52.4  
64 46.9 29.6 69.6





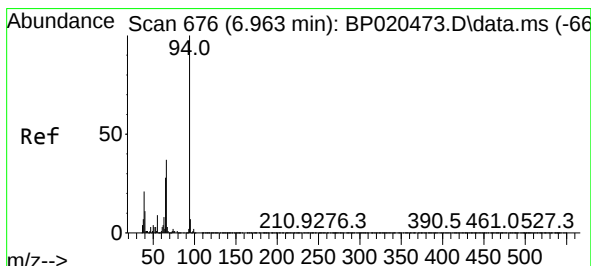
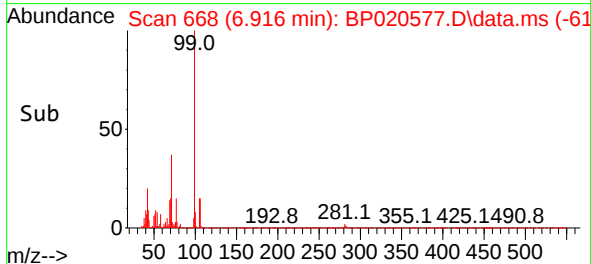
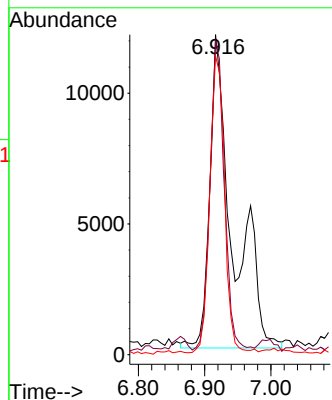
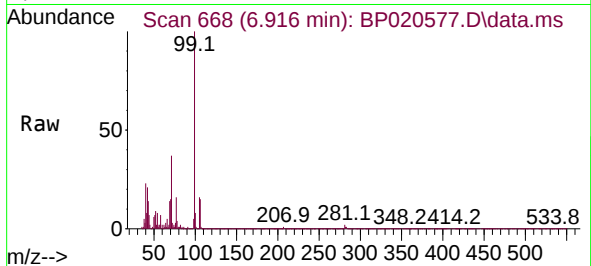
#9  
Benzaldehyde  
Concen: 2.492 ng m  
RT: 6.916 min Scan# 60  
Delta R.T. -0.006 min  
Lab File: BP020577.D  
Acq: 10 Jun 2024 14:45

Instrument :  
BNA\_P  
ClientSampleId :  
WCS-TPAMS

Tgt Ion: 77 Resp: 28960  
Ion Ratio Lower Upper  
77 100  
105 97.9 76.8 116.8  
106 93.3 72.0 112.0

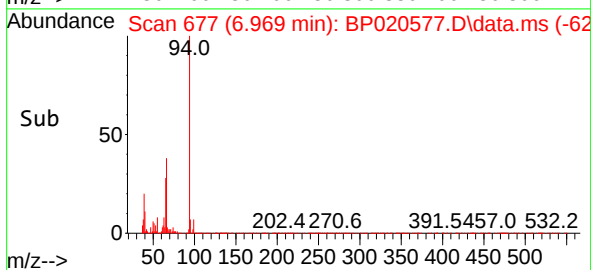
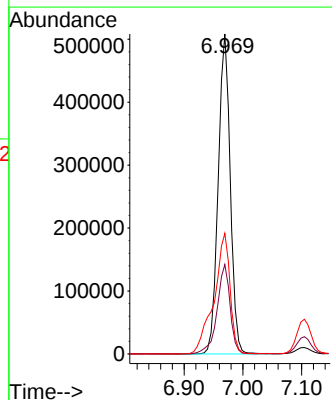
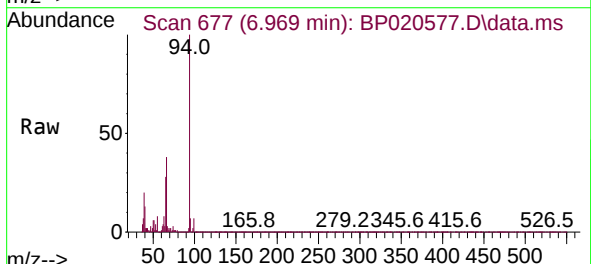
Manual Integrations  
APPROVED

Reviewed By :Jagrut Upadhyay 06/11/2024  
Supervised By :mohammad ahmed 06/13/2024



#10  
Phenol  
Concen: 39.060 ng  
RT: 6.969 min Scan# 677  
Delta R.T. 0.006 min  
Lab File: BP020577.D  
Acq: 10 Jun 2024 14:45

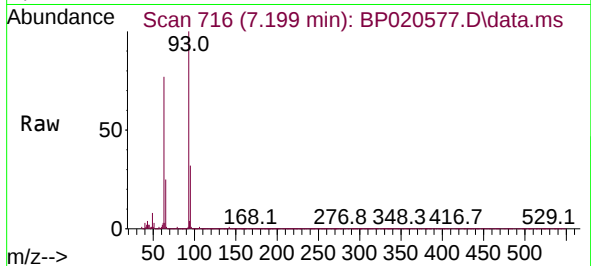
Tgt Ion: 94 Resp: 724769  
Ion Ratio Lower Upper  
94 100  
65 27.9 8.2 48.2  
66 37.7 17.2 57.2





#11  
bis(2-Chloroethyl)ether  
Concen: 39.365 ng  
RT: 7.199 min Scan# 716  
Delta R.T. -0.012 min  
Lab File: BP020577.D  
Acq: 10 Jun 2024 14:45

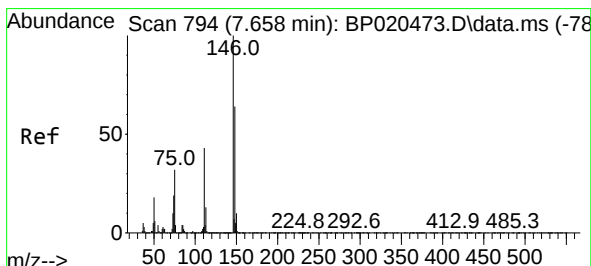
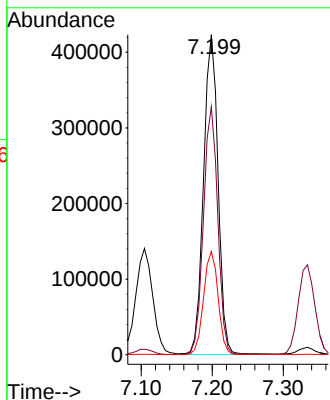
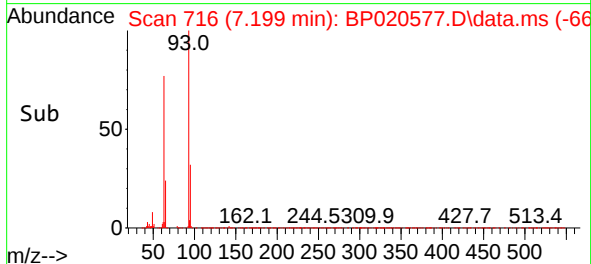
Instrument :  
BNA\_P  
ClientSampleId :  
WCS-TPAMS



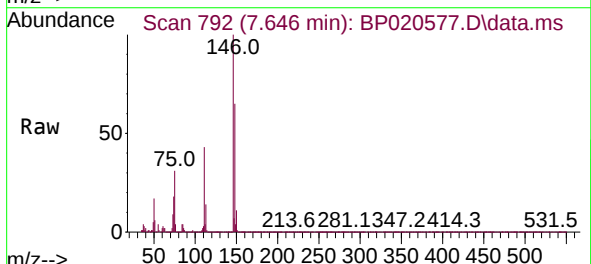
Tgt Ion: 93 Resp: 60237  
Ion Ratio Lower Upper  
93 100  
63 77.4 58.3 98.3  
95 32.3 12.3 52.3

Manual Integrations  
APPROVED

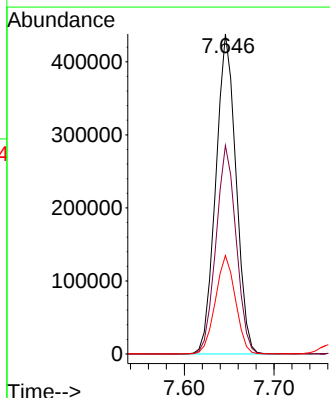
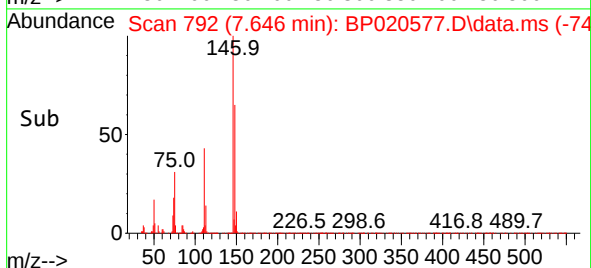
Reviewed By :Jagrut Upadhyay 06/11/2024  
Supervised By :mohammad ahmed 06/13/2024

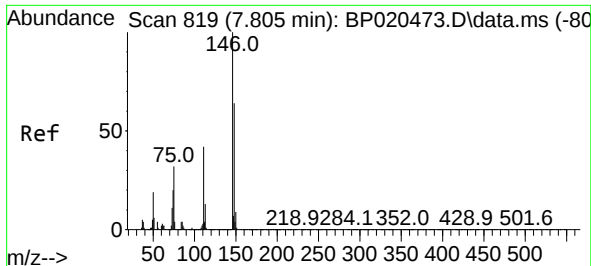


#12  
1,3-Dichlorobenzene  
Concen: 40.422 ng  
RT: 7.646 min Scan# 792  
Delta R.T. -0.012 min  
Lab File: BP020577.D  
Acq: 10 Jun 2024 14:45



Tgt Ion:146 Resp: 685769  
Ion Ratio Lower Upper  
146 100  
148 65.2 51.2 76.8  
75 30.8 25.3 37.9





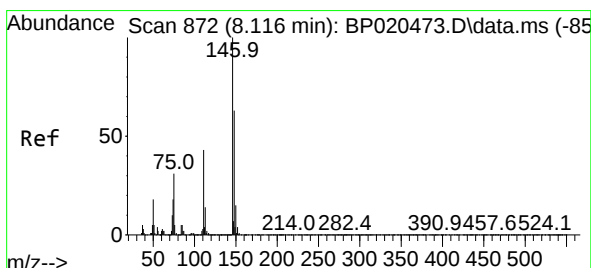
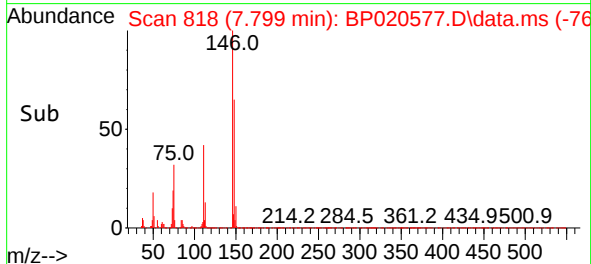
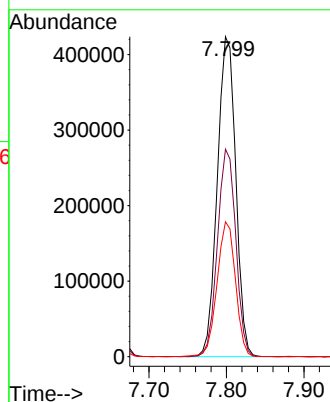
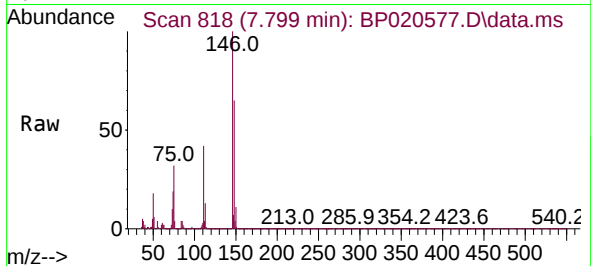
#13  
1,4-Dichlorobenzene  
Concen: 40.784 ng  
RT: 7.799 min Scan# 81  
Delta R.T. -0.006 min  
Lab File: BP020577.D  
Acq: 10 Jun 2024 14:45

Instrument :  
BNA\_P  
ClientSampleId :  
WCS-TPAMS

Tgt Ion:146 Resp: 70324  
Ion Ratio Lower Upper  
146 100  
148 64.9 50.8 76.2  
111 42.2 33.8 50.6

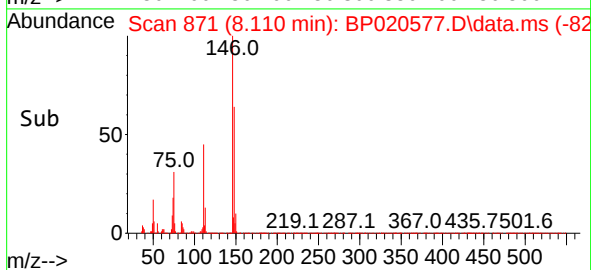
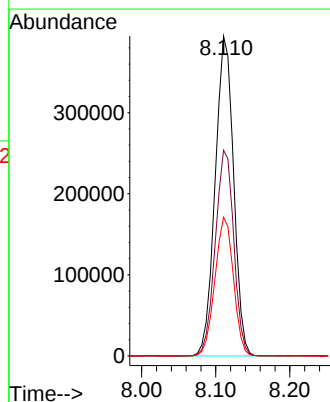
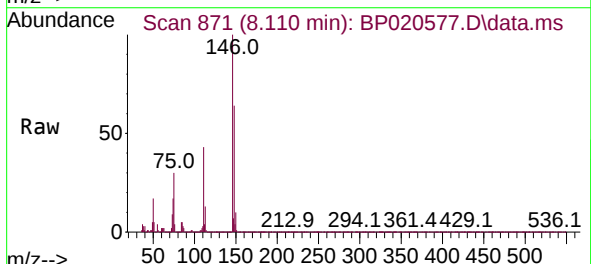
Manual Integrations  
APPROVED

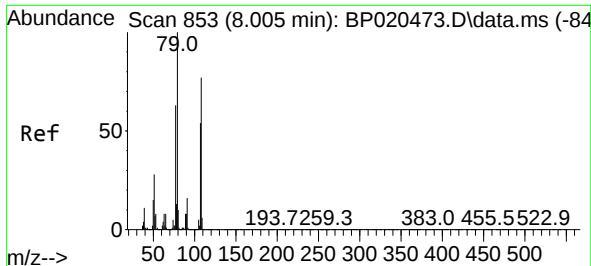
Reviewed By :Jagrut Upadhyay 06/11/2024  
Supervised By :mohammad ahmed 06/13/2024



#14  
1,2-Dichlorobenzene  
Concen: 40.929 ng  
RT: 8.110 min Scan# 871  
Delta R.T. -0.006 min  
Lab File: BP020577.D  
Acq: 10 Jun 2024 14:45

Tgt Ion:146 Resp: 681087  
Ion Ratio Lower Upper  
146 100  
148 64.3 50.1 75.1  
111 43.4 34.4 51.6





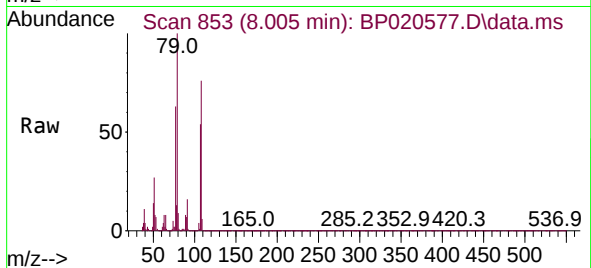
#15  
Benzyl Alcohol  
Concen: 40.153 ng  
RT: 8.005 min Scan# 853  
Delta R.T. 0.000 min  
Lab File: BP020577.D  
Acq: 10 Jun 2024 14:45

Instrument :

BNA\_P

ClientSampleId :

WCS-TPAMS

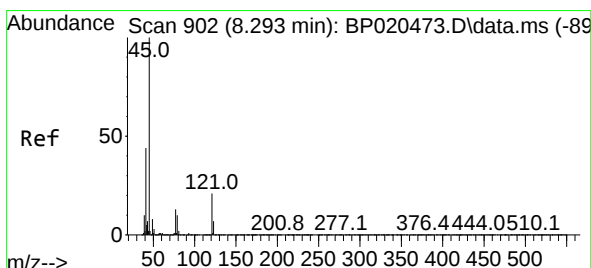
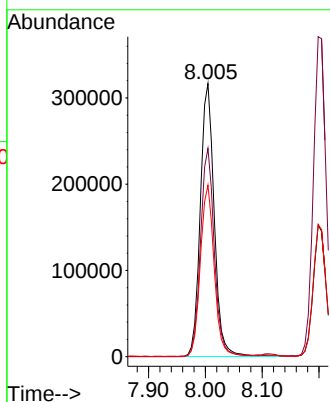
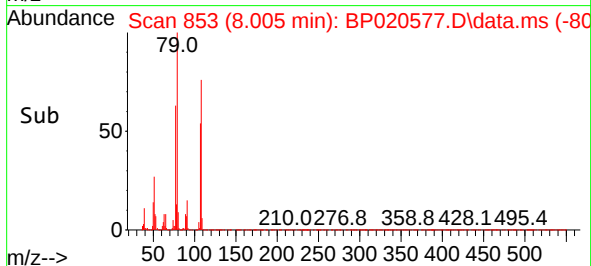


Tgt Ion: 79 Resp: 53726  
Ion Ratio Lower Upper  
79 100  
108 76.3 61.4 92.2  
77 62.8 50.2 75.2

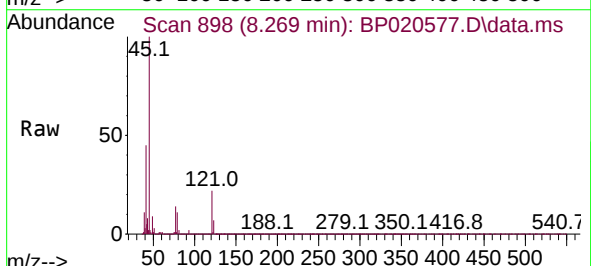
Manual Integrations

APPROVED

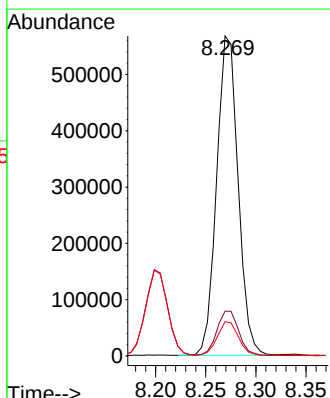
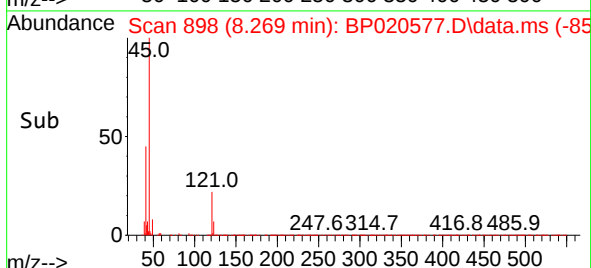
Reviewed By :Jagrut Upadhyay 06/11/2024  
Supervised By :mohammad ahmed 06/13/2024

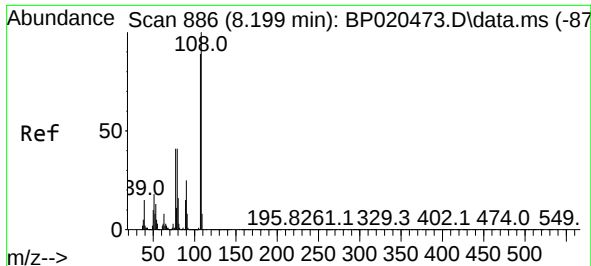


#16  
2,2'-oxybis(1-Chloropropane)  
Concen: 36.964 ng  
RT: 8.269 min Scan# 898  
Delta R.T. -0.024 min  
Lab File: BP020577.D  
Acq: 10 Jun 2024 14:45



Tgt Ion: 45 Resp: 844476  
Ion Ratio Lower Upper  
45 100  
77 14.0 0.0 33.6  
79 10.7 0.0 29.9





#17  
2-Methylphenol  
Concen: 41.725 ng  
RT: 8.199 min Scan# 886  
Delta R.T. -0.000 min  
Lab File: BP020577.D  
Acq: 10 Jun 2024 14:45

Instrument :

BNA\_P

ClientSampleId :

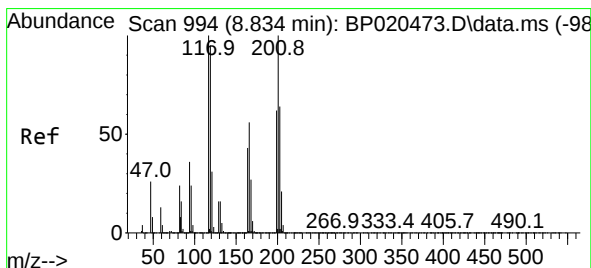
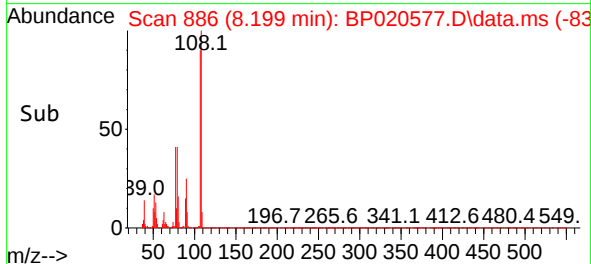
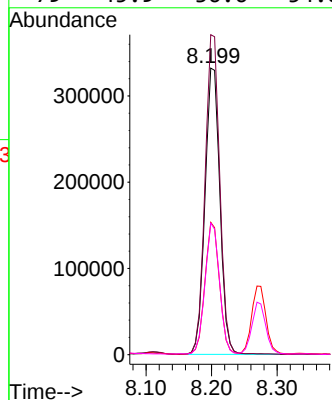
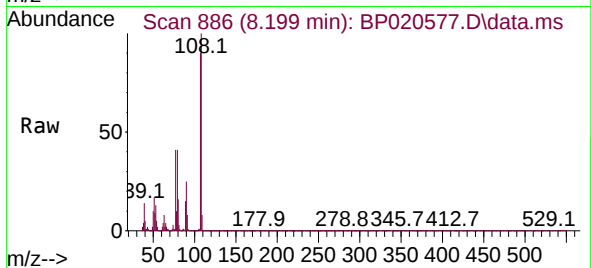
WCS-TPAMS

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 107   | Resp: | 525392 |
| Ion Ratio | Lower | Upper |        |
| 107       | 100   |       |        |
| 108       | 111.7 | 89.4  | 134.2  |
| 77        | 46.2  | 36.6  | 55.0   |
| 79        | 45.9  | 36.6  | 54.8   |

Manual Integrations

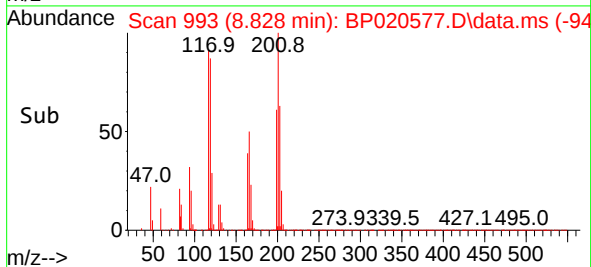
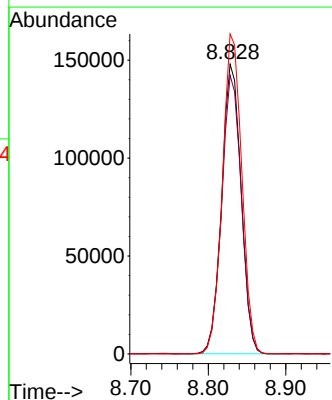
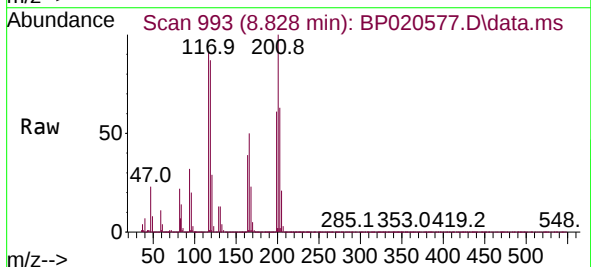
APPROVED

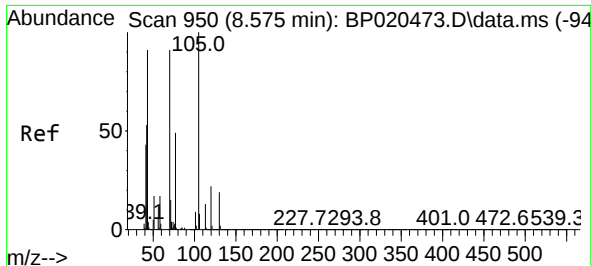
Reviewed By :Jagrut Upadhyay 06/11/2024  
Supervised By :mohammad ahmed 06/13/2024



#18  
Hexachloroethane  
Concen: 40.964 ng  
RT: 8.828 min Scan# 993  
Delta R.T. -0.006 min  
Lab File: BP020577.D  
Acq: 10 Jun 2024 14:45

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 117   | Resp: | 257920 |
| Ion Ratio | Lower | Upper |        |
| 117       | 100   |       |        |
| 119       | 96.2  | 76.3  | 114.5  |
| 201       | 110.4 | 79.9  | 119.9  |





#19

n-Nitroso-di-n-propylamine

Concen: 38.326 ng

RT: 8.569 min Scan# 949

Delta R.T. -0.006 min

Lab File: BP020577.D

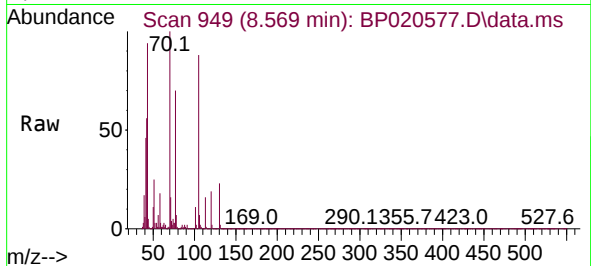
Acq: 10 Jun 2024 14:45

Instrument :

BNA\_P

ClientSampleId :

WCS-TPAMS



Tgt Ion: 70 Resp: 473940

Ion Ratio Lower Upper

70 100

42 56.4 47.4 71.0

101 10.6 7.8 11.8

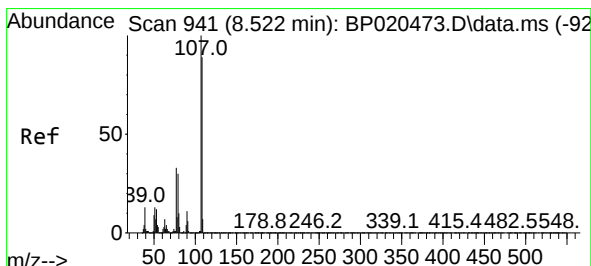
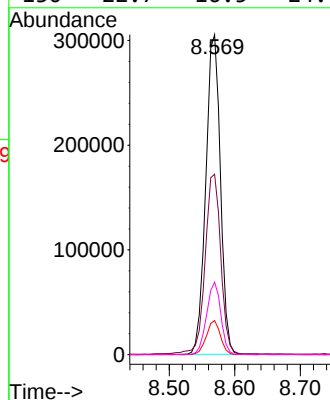
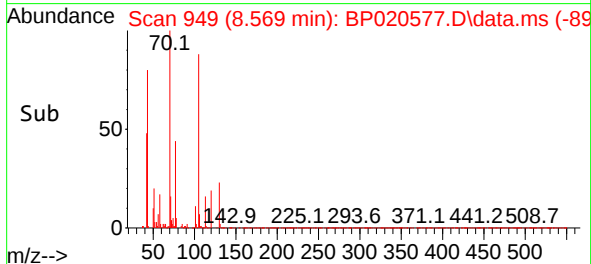
130 22.7 16.5 24.7

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 06/11/2024

Supervised By :mohammad ahmed 06/13/2024



#20

3+4-Methylphenols

Concen: 41.290 ng

RT: 8.528 min Scan# 942

Delta R.T. 0.006 min

Lab File: BP020577.D

Acq: 10 Jun 2024 14:45

Tgt Ion:107 Resp: 707152

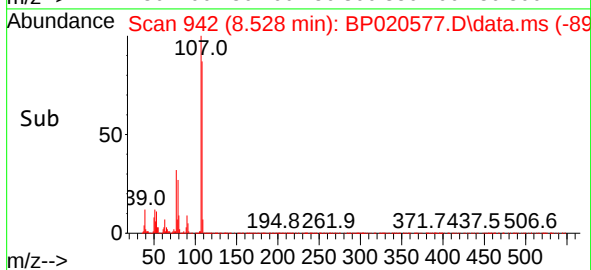
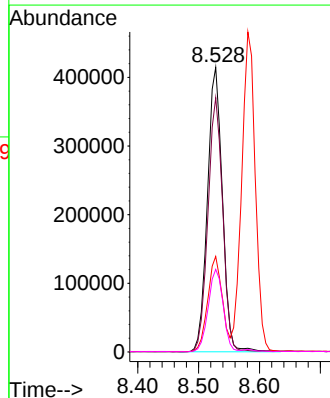
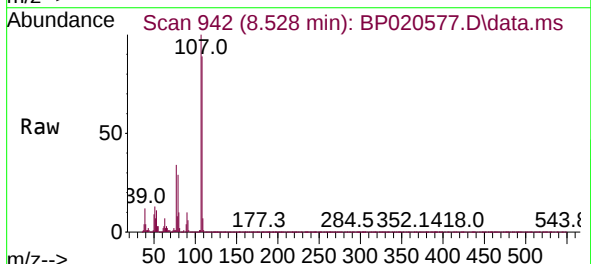
Ion Ratio Lower Upper

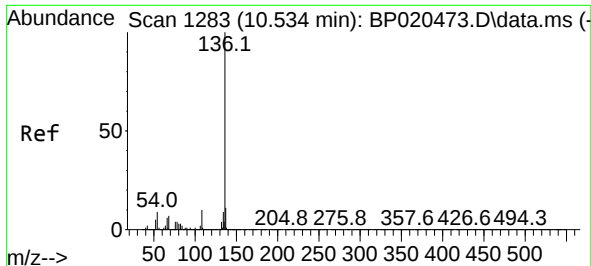
107 100

108 89.3 69.2 109.2

77 33.6 13.5 53.5

79 29.0 9.8 49.8





#21  
Naphthalene-d8  
Concen: 20.000 ng  
RT: 10.528 min Scan# 10  
Delta R.T. -0.006 min  
Lab File: BP020577.D  
Acq: 10 Jun 2024 14:45

Instrument :

BNA\_P

ClientSampleId :

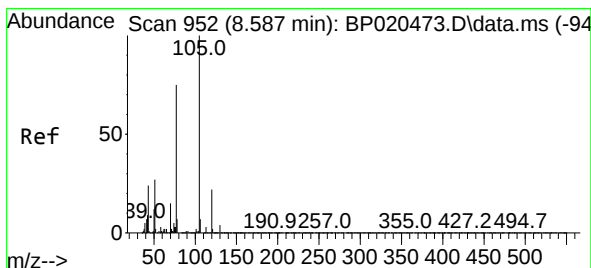
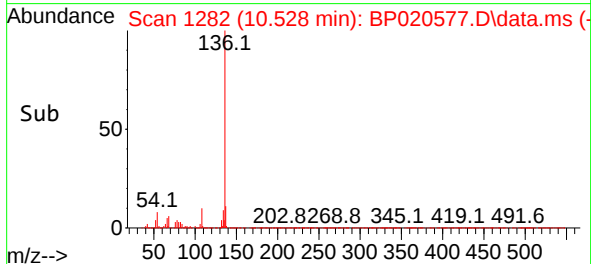
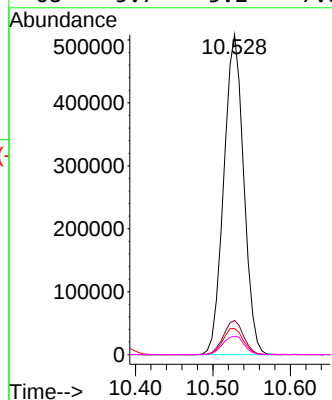
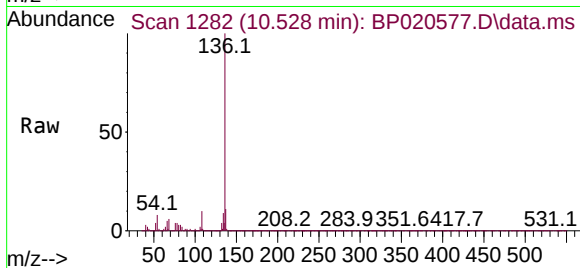
WCS-TPAMS

Tgt Ion:136 Resp: 909059  
Ion Ratio Lower Upper  
136 100  
137 10.7 9.0 13.4  
54 8.2 7.4 11.0  
68 5.7 5.2 7.8

Manual Integrations

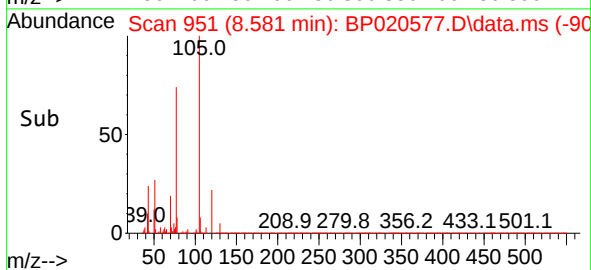
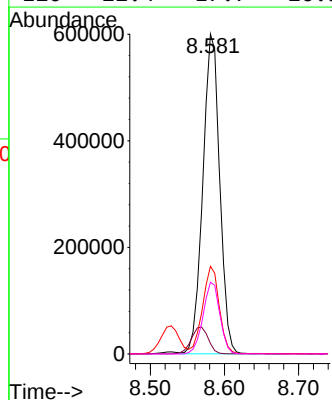
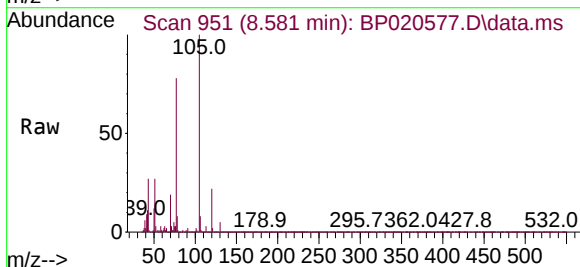
APPROVED

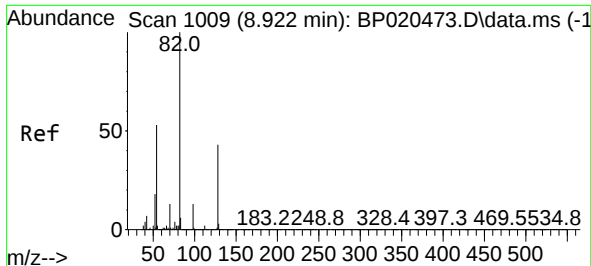
Reviewed By :Jagrut Upadhyay 06/11/2024  
Supervised By :mohammad ahmed 06/13/2024



#22  
Acetophenone  
Concen: 42.010 ng  
RT: 8.581 min Scan# 951  
Delta R.T. -0.006 min  
Lab File: BP020577.D  
Acq: 10 Jun 2024 14:45

Tgt Ion:105 Resp: 947954  
Ion Ratio Lower Upper  
105 100  
71 3.2 2.3 3.5  
51 27.4 22.6 33.8  
120 22.4 17.7 26.5





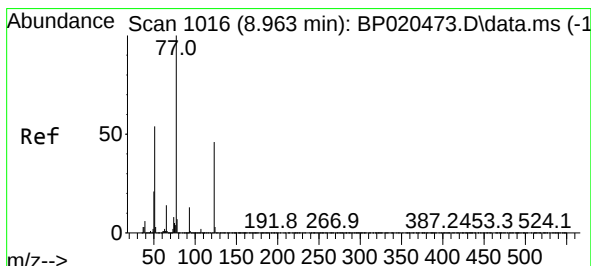
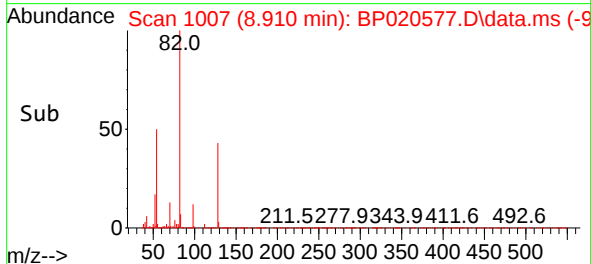
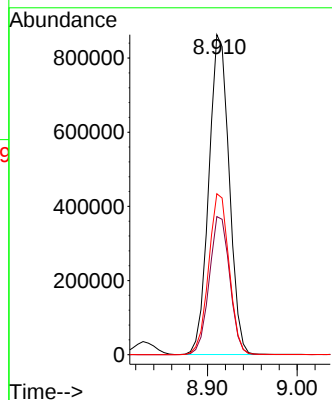
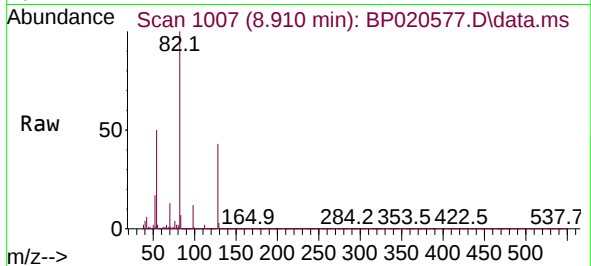
#23  
Nitrobenzene-d5  
Concen: 81.834 ng  
RT: 8.910 min Scan# 1007  
Delta R.T. -0.012 min  
Lab File: BP020577.D  
Acq: 10 Jun 2024 14:45

Instrument :  
BNA\_P  
ClientSampleId :  
WCS-TPAMS

Tgt Ion: 82 Resp: 135900  
Ion Ratio Lower Upper  
82 100  
128 43.2 34.2 51.4  
54 50.3 42.7 64.1

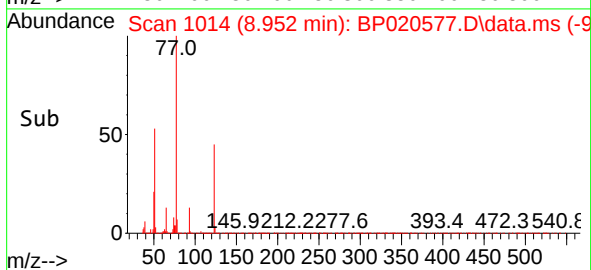
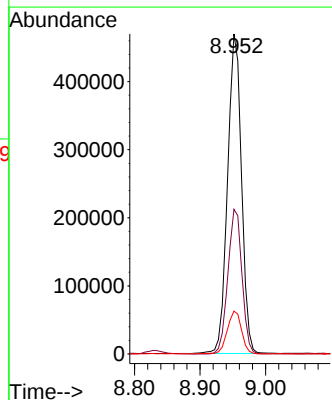
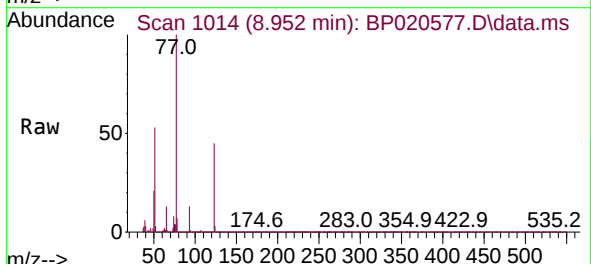
Manual Integrations  
APPROVED

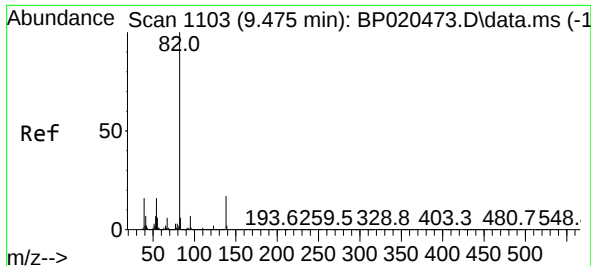
Reviewed By :Jagrut Upadhyay 06/11/2024  
Supervised By :mohammad ahmed 06/13/2024



#24  
Nitrobenzene  
Concen: 41.057 ng  
RT: 8.952 min Scan# 1014  
Delta R.T. -0.012 min  
Lab File: BP020577.D  
Acq: 10 Jun 2024 14:45

Tgt Ion: 77 Resp: 691973  
Ion Ratio Lower Upper  
77 100  
123 45.2 36.6 54.8  
65 13.4 11.1 16.7





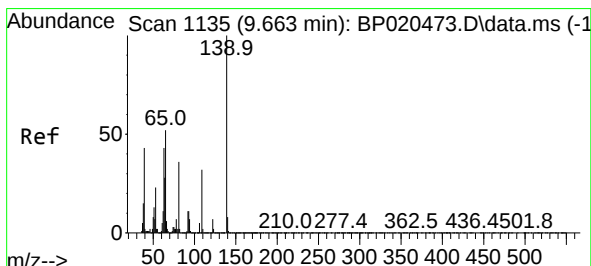
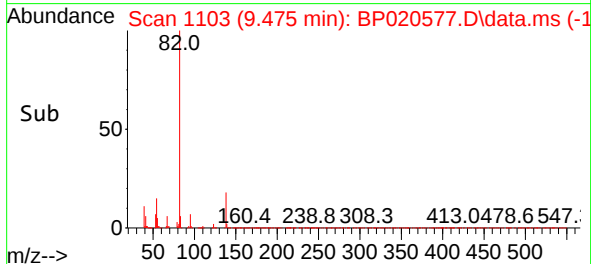
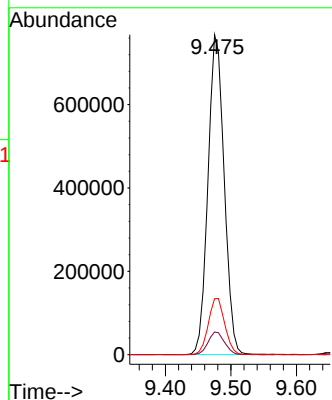
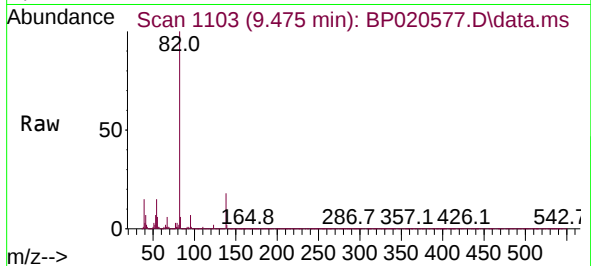
#25  
Isophorone  
Concen: 40.886 ng  
RT: 9.475 min Scan# 1103  
Delta R.T. -0.000 min  
Lab File: BP020577.D  
Acq: 10 Jun 2024 14:45

Instrument :  
BNA\_P  
ClientSampleId :  
WCS-TPAMS

Tgt Ion: 82 Resp: 131922  
Ion Ratio Lower Upper  
82 100  
95 7.1 5.8 8.6  
138 17.5 13.8 20.6

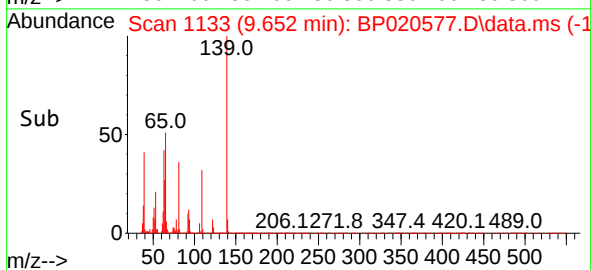
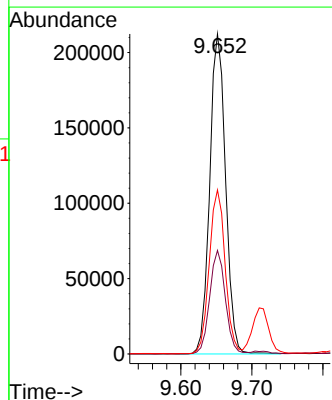
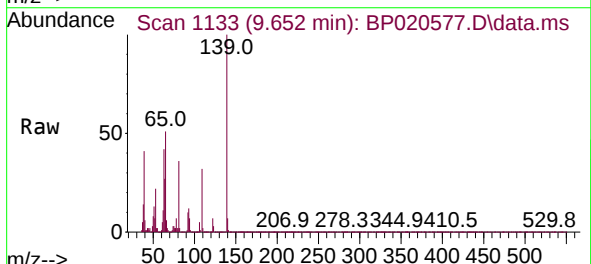
Manual Integrations  
APPROVED

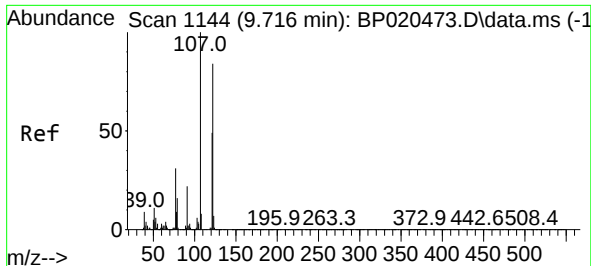
Reviewed By :Jagrut Upadhyay 06/11/2024  
Supervised By :mohammad ahmed 06/13/2024



#26  
2-Nitrophenol  
Concen: 49.320 ng  
RT: 9.652 min Scan# 1133  
Delta R.T. -0.011 min  
Lab File: BP020577.D  
Acq: 10 Jun 2024 14:45

Tgt Ion:139 Resp: 329578  
Ion Ratio Lower Upper  
139 100  
109 32.3 25.8 38.8  
65 51.2 41.8 62.8





#27

2,4-Dimethylphenol

Concen: 46.603 ng

RT: 9.710 min Scan# 1144

Delta R.T. -0.006 min

Lab File: BP020577.D

Acq: 10 Jun 2024 14:45

Instrument :

BNA\_P

ClientSampleId :

WCS-TPAMS

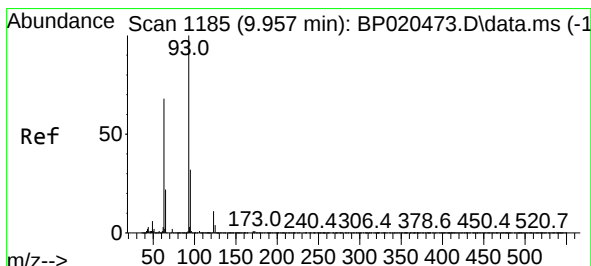
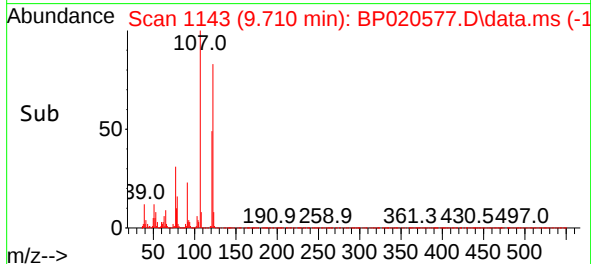
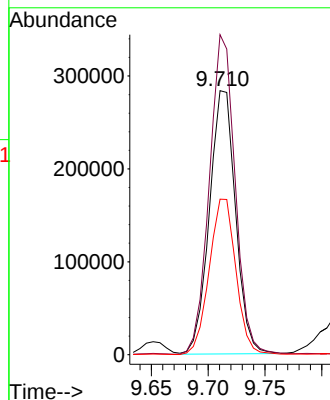
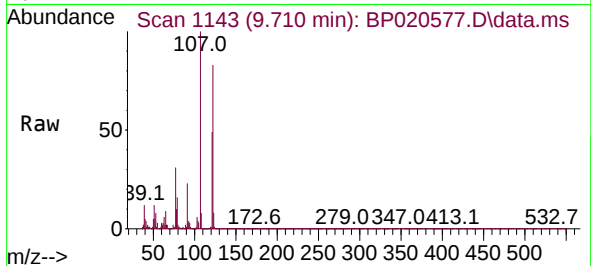
Tgt Ion: 122 Resp: 45427

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 122 | 100   |       |       |
| 107 | 121.2 | 95.0  | 142.4 |
| 121 | 58.9  | 46.1  | 69.1  |

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 06/11/2024  
Supervised By :mohammad ahmed 06/13/2024



#28

bis(2-Chloroethoxy)methane

Concen: 40.611 ng

RT: 9.952 min Scan# 1184

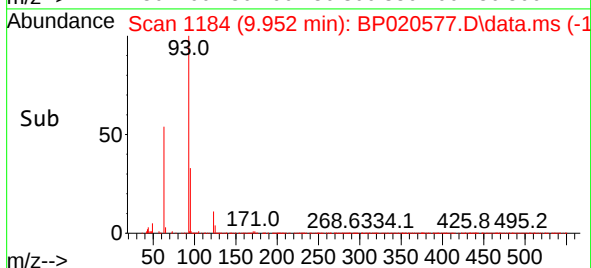
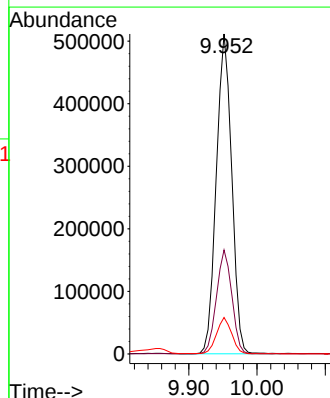
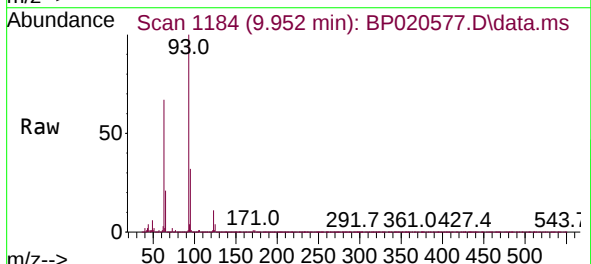
Delta R.T. -0.006 min

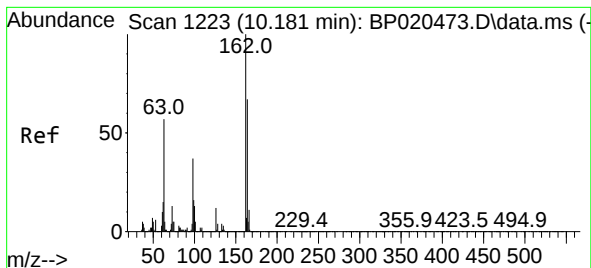
Lab File: BP020577.D

Acq: 10 Jun 2024 14:45

Tgt Ion: 93 Resp: 805399

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 93  | 100   |       |       |
| 95  | 32.5  | 25.8  | 38.8  |
| 123 | 11.4  | 9.0   | 13.4  |





#29  
2,4-Dichlorophenol  
Concen: 47.636 ng  
RT: 10.181 min Scan# 1223  
Delta R.T. 0.000 min  
Lab File: BP020577.D  
Acq: 10 Jun 2024 14:45

Instrument :

BNA\_P

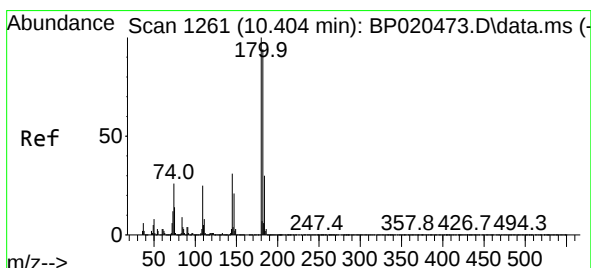
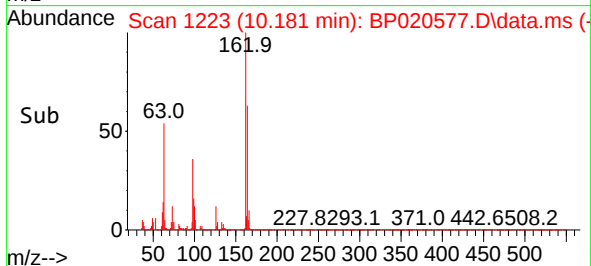
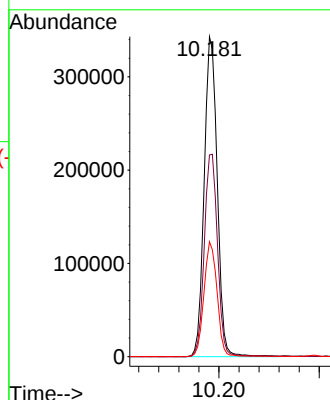
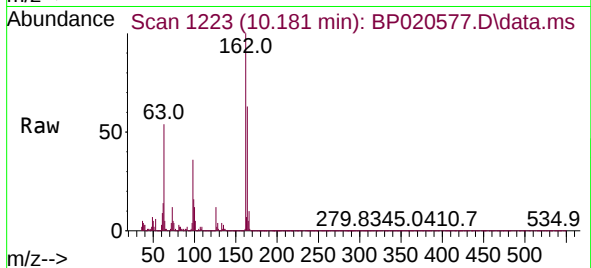
ClientSampleId :

WCS-TPAMS

Tgt Ion:162 Resp: 622960  
Ion Ratio Lower Upper  
162 100  
164 63.0 46.5 86.5  
98 35.9 17.4 57.4

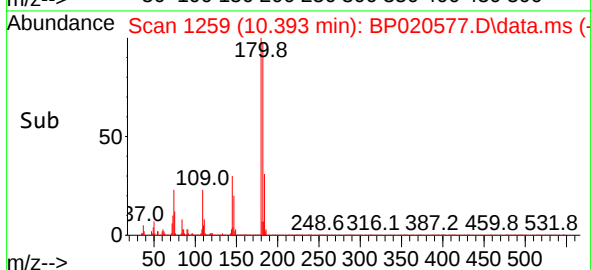
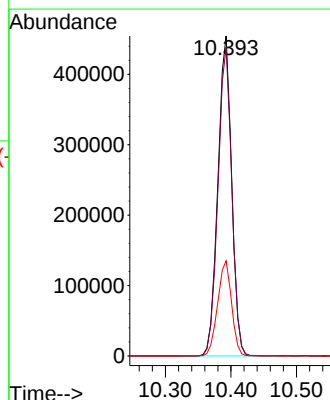
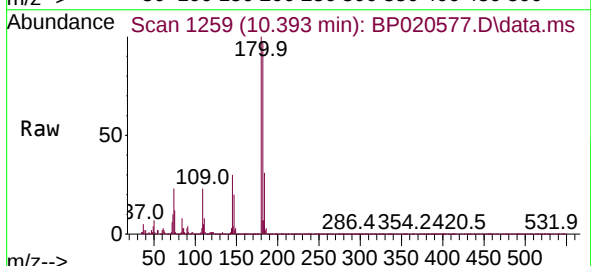
Manual Integrations  
APPROVED

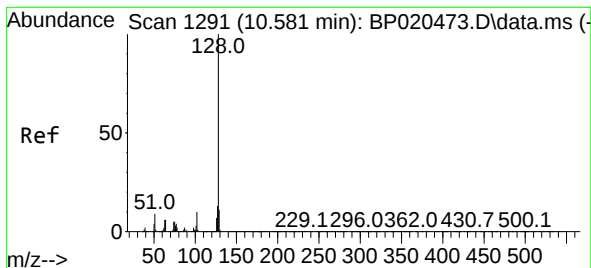
Reviewed By :Jagrut Upadhyay 06/11/2024  
Supervised By :mohammad ahmed 06/13/2024



#30  
1,2,4-Trichlorobenzene  
Concen: 42.468 ng  
RT: 10.393 min Scan# 1259  
Delta R.T. -0.012 min  
Lab File: BP020577.D  
Acq: 10 Jun 2024 14:45

Tgt Ion:180 Resp: 659331  
Ion Ratio Lower Upper  
180 100  
182 96.5 75.2 112.8  
145 29.8 24.9 37.3





#31  
Naphthalene  
Concen: 41.550 ng  
RT: 10.581 min Scan# 1291  
Delta R.T. 0.000 min  
Lab File: BP020577.D  
Acq: 10 Jun 2024 14:45

Instrument :

BNA\_P

ClientSampleId :

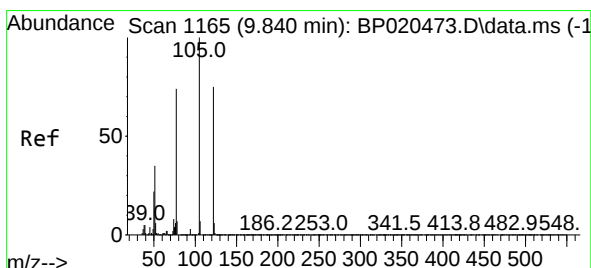
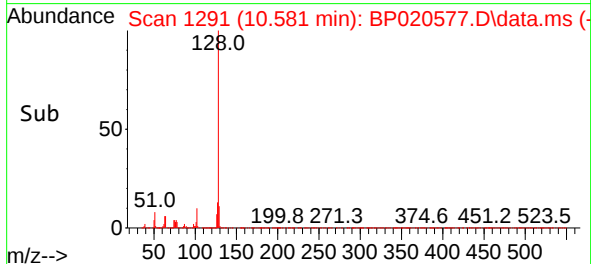
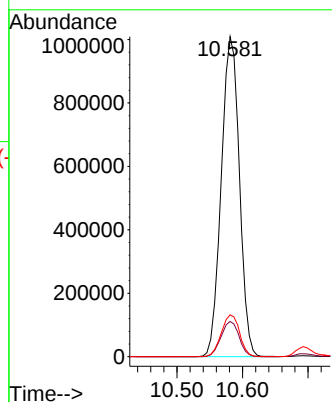
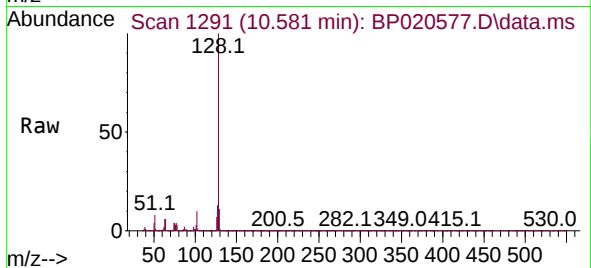
WCS-TPAMS

Tgt Ion:128 Resp: 193094  
Ion Ratio Lower Upper  
128 100  
129 11.0 8.9 13.3  
127 13.1 10.5 15.7

Manual Integrations

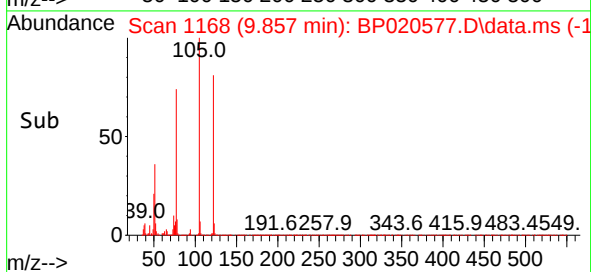
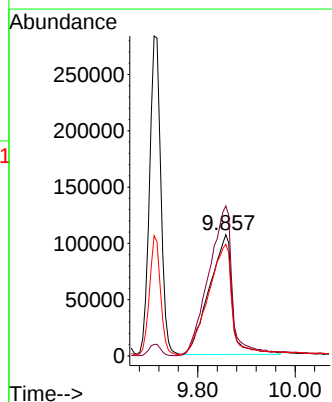
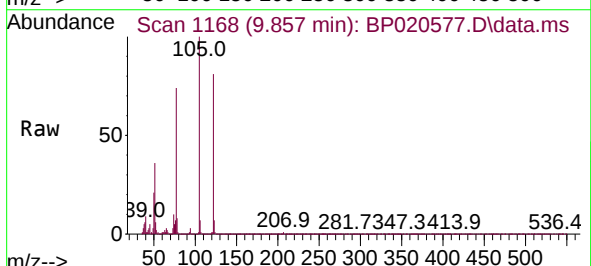
APPROVED

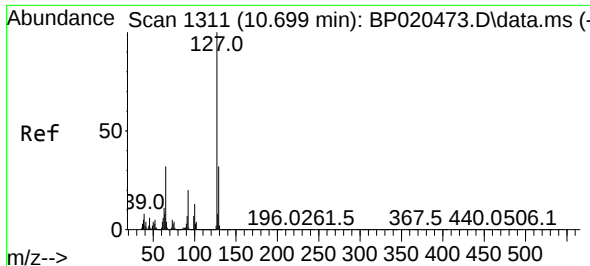
Reviewed By :Jagrut Upadhyay 06/11/2024  
Supervised By :mohammad ahmed 06/13/2024



#32  
Benzoic acid  
Concen: 39.142 ng  
RT: 9.857 min Scan# 1168  
Delta R.T. 0.017 min  
Lab File: BP020577.D  
Acq: 10 Jun 2024 14:45

Tgt Ion:122 Resp: 348839  
Ion Ratio Lower Upper  
122 100  
105 123.6 107.5 147.5  
77 92.0 76.1 116.1





#33  
4-Chloroaniline  
Concen: 3.787 ng  
RT: 10.693 min Scan# 1310  
Delta R.T. -0.006 min  
Lab File: BP020577.D  
Acq: 10 Jun 2024 14:45

Instrument :

BNA\_P

ClientSampleId :

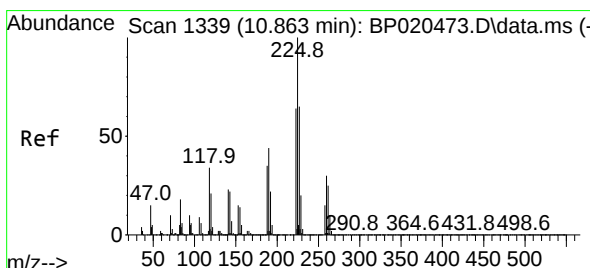
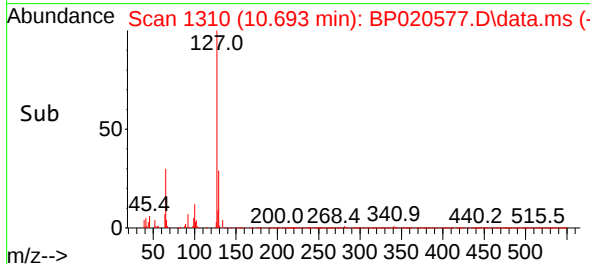
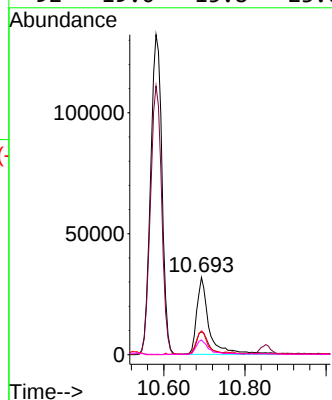
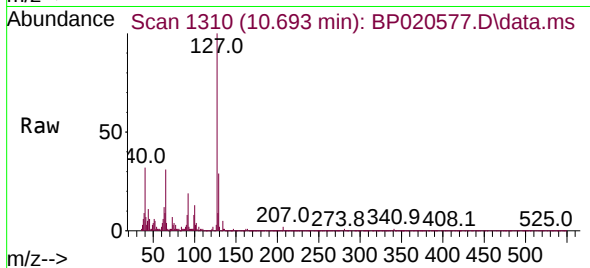
WCS-TPAMS

|           |       |       |      |
|-----------|-------|-------|------|
| Tgt Ion:  | 127   | Resp: | 6808 |
| Ion Ratio | Lower | Upper |      |
| 127       | 100   |       |      |
| 129       | 29.1  | 26.0  | 39.0 |
| 65        | 30.9  | 25.4  | 38.2 |
| 92        | 19.0  | 15.8  | 23.6 |

Manual Integrations

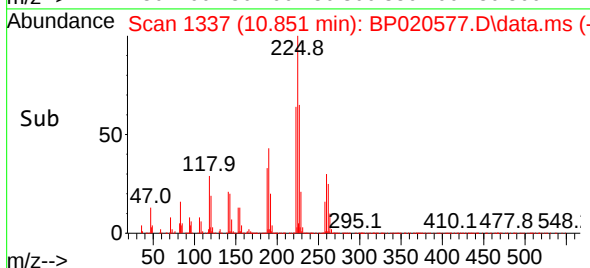
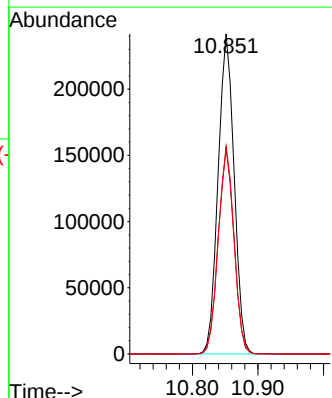
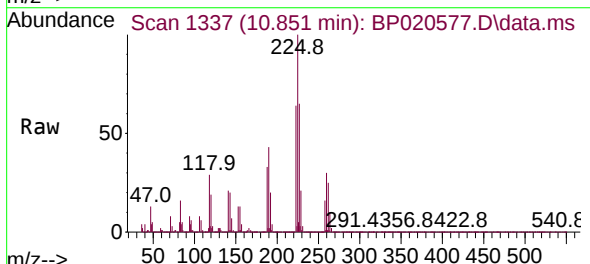
APPROVED

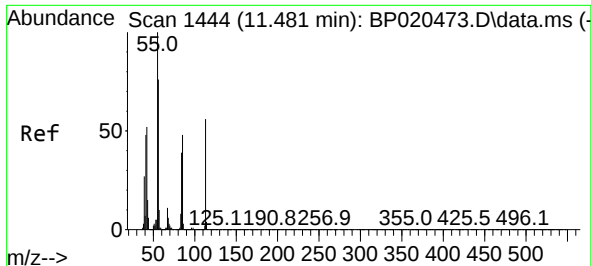
Reviewed By :Jagrut Upadhyay 06/11/2024  
Supervised By :mohammad ahmed 06/13/2024



#34  
Hexachlorobutadiene  
Concen: 41.800 ng  
RT: 10.851 min Scan# 1337  
Delta R.T. -0.012 min  
Lab File: BP020577.D  
Acq: 10 Jun 2024 14:45

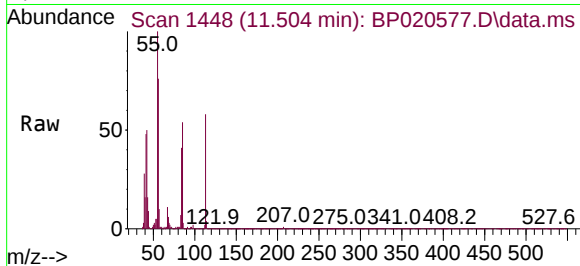
|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 225   | Resp: | 408793 |
| Ion Ratio | Lower | Upper |        |
| 225       | 100   |       |        |
| 223       | 64.3  | 51.3  | 76.9   |
| 227       | 64.8  | 51.6  | 77.4   |





#35  
Caprolactam  
Concen: 42.356 ng  
RT: 11.504 min Scan# 1444  
Delta R.T. 0.024 min  
Lab File: BP020577.D  
Acq: 10 Jun 2024 14:45

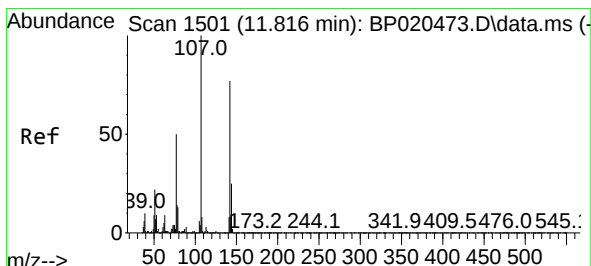
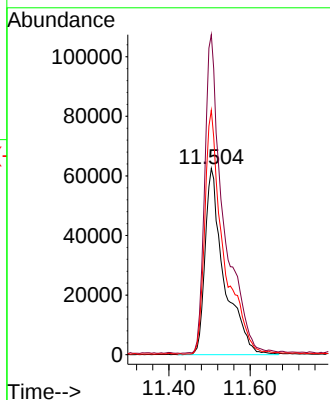
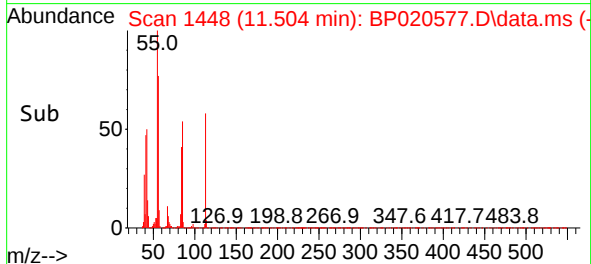
Instrument :  
BNA\_P  
ClientSampleId :  
WCS-TPAMS



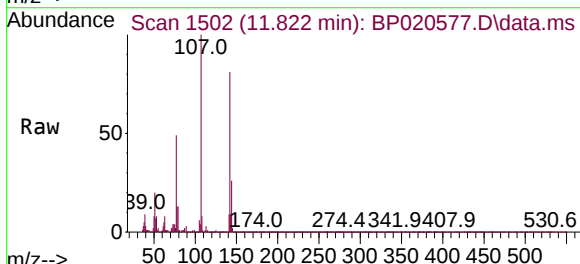
Tgt Ion:113 Resp: 20299  
Ion Ratio Lower Upper  
113 100  
55 171.8 158.7 198.7  
56 131.3 115.4 155.4

Manual Integrations  
APPROVED

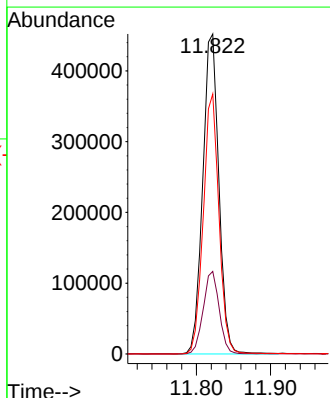
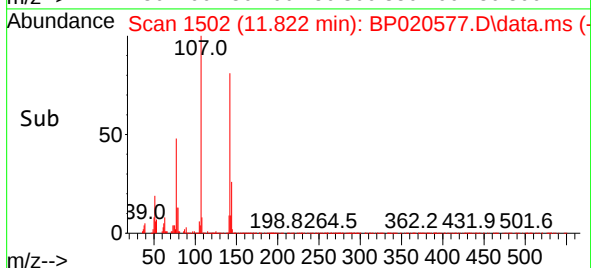
Reviewed By :Jagrut Upadhyay 06/11/2024  
Supervised By :mohammad ahmed 06/13/2024

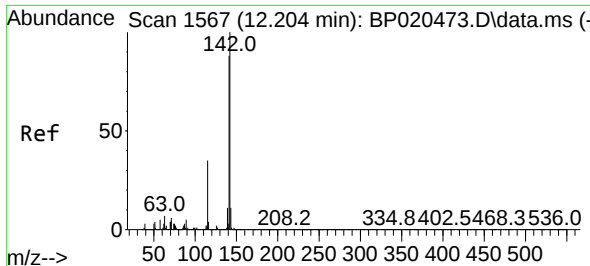


#36  
4-Chloro-3-methylphenol  
Concen: 44.550 ng  
RT: 11.822 min Scan# 1502  
Delta R.T. 0.006 min  
Lab File: BP020577.D  
Acq: 10 Jun 2024 14:45



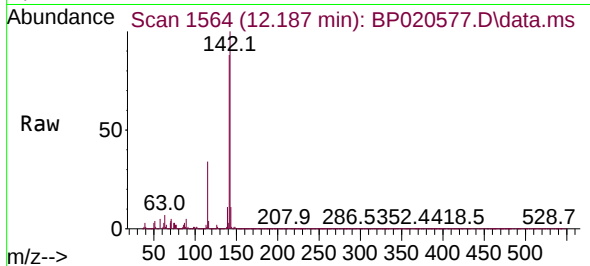
Tgt Ion:107 Resp: 682128  
Ion Ratio Lower Upper  
107 100  
144 25.8 20.0 30.0  
142 81.3 61.4 92.2





#37  
2-Methylnaphthalene  
Concen: 40.554 ng  
RT: 12.187 min Scan# 1567  
Delta R.T. -0.018 min  
Lab File: BP020577.D  
Acq: 10 Jun 2024 14:45

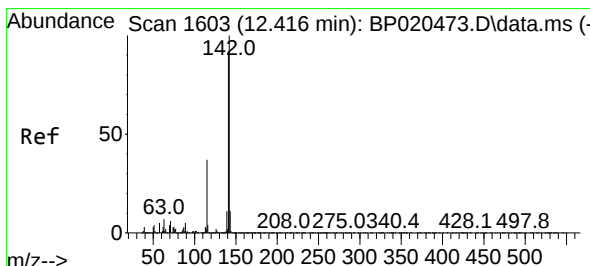
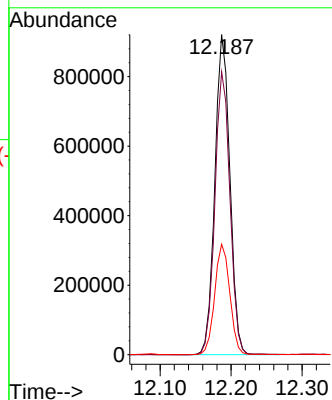
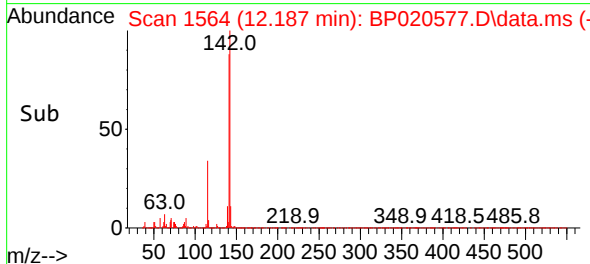
Instrument :  
BNA\_P  
ClientSampleId :  
WCS-TPAMS



Tgt Ion:142 Resp: 1350470  
Ion Ratio Lower Upper  
142 100  
141 88.4 70.3 105.5  
115 34.5 28.0 42.0

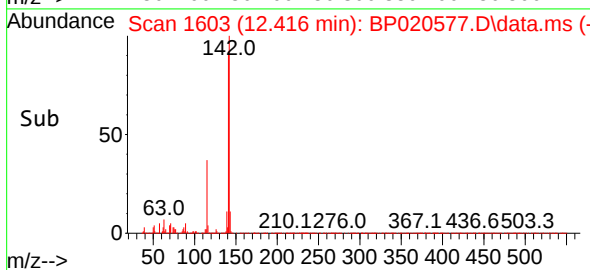
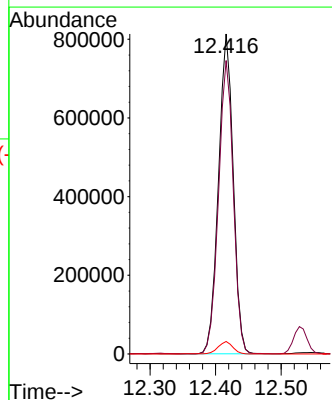
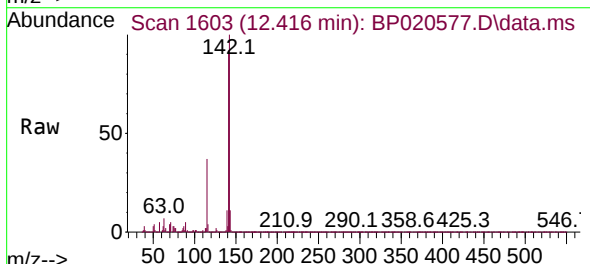
Manual Integrations  
APPROVED

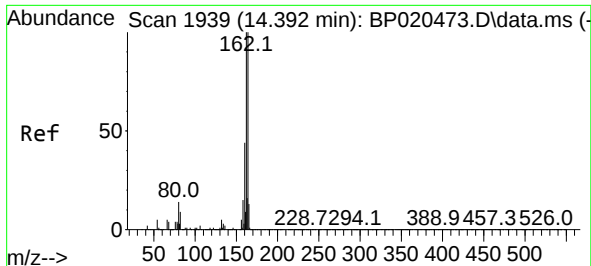
Reviewed By :Jagrut Upadhyay 06/11/2024  
Supervised By :mohammad ahmed 06/13/2024



#38  
1-Methylnaphthalene  
Concen: 38.305 ng  
RT: 12.416 min Scan# 1603  
Delta R.T. 0.000 min  
Lab File: BP020577.D  
Acq: 10 Jun 2024 14:45

Tgt Ion:142 Resp: 1264462  
Ion Ratio Lower Upper  
142 100  
141 91.7 73.7 110.5  
116 3.9 3.2 4.8





#39  
Acenaphthene-d10  
Concen: 20.000 ng  
RT: 14.387 min Scan# 1939  
Delta R.T. -0.005 min  
Lab File: BP020577.D  
Acq: 10 Jun 2024 14:45

Instrument :

BNA\_P

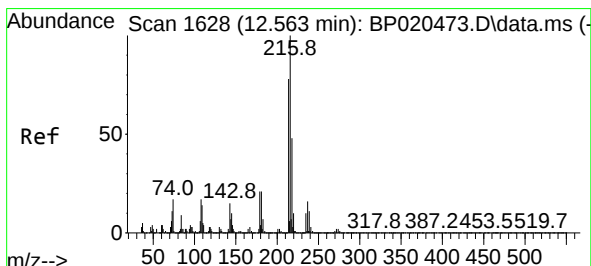
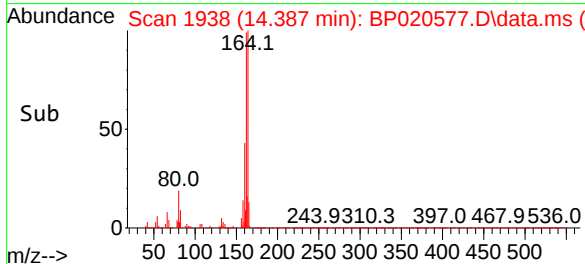
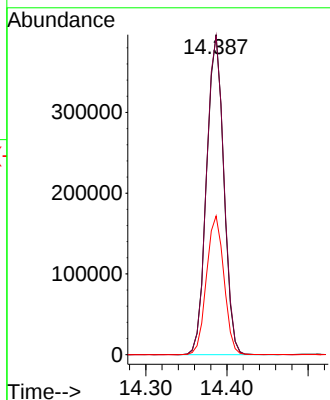
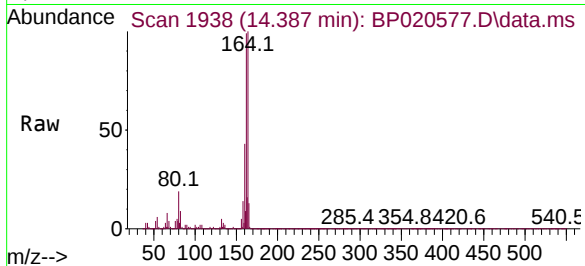
ClientSampleId :

WCS-TPAMS

Tgt Ion:164 Resp: 58051  
Ion Ratio Lower Upper  
164 100  
162 99.5 80.3 120.5  
160 43.3 35.4 53.2

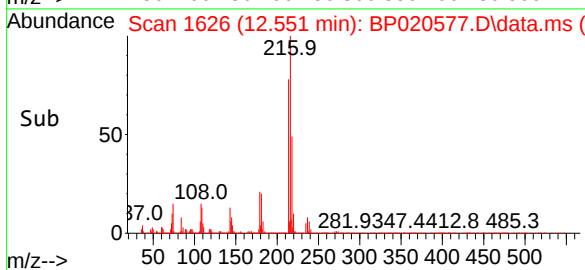
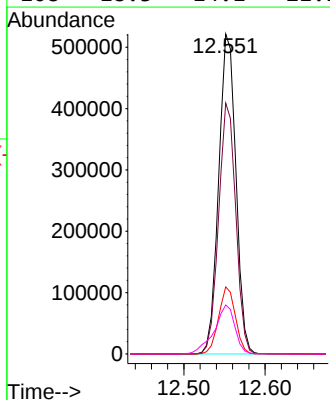
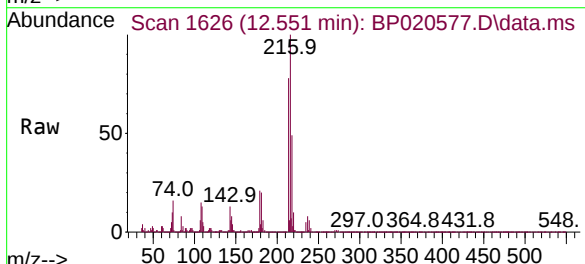
Manual Integrations  
APPROVED

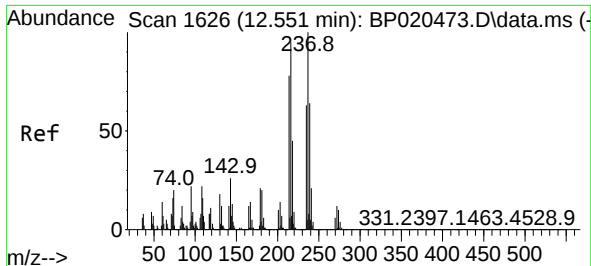
Reviewed By :Jagrut Upadhyay 06/11/2024  
Supervised By :mohammad ahmed 06/13/2024



#40  
1,2,4,5-Tetrachlorobenzene  
Concen: 45.812 ng  
RT: 12.551 min Scan# 1626  
Delta R.T. -0.012 min  
Lab File: BP020577.D  
Acq: 10 Jun 2024 14:45

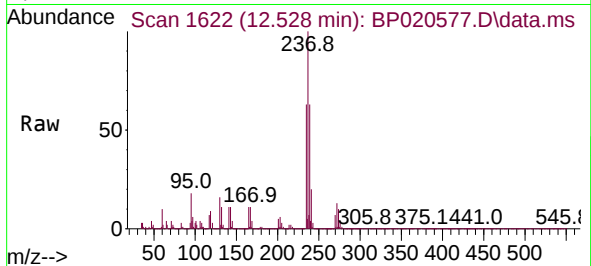
Tgt Ion:216 Resp: 769476  
Ion Ratio Lower Upper  
216 100  
214 78.1 63.0 94.4  
179 20.5 16.9 25.3  
108 18.3 14.1 21.1





#41  
Hexachlorocyclopentadiene  
Concen: 149.499 ng  
RT: 12.528 min Scan# 1622  
Delta R.T. -0.024 min  
Lab File: BP020577.D  
Acq: 10 Jun 2024 14:45

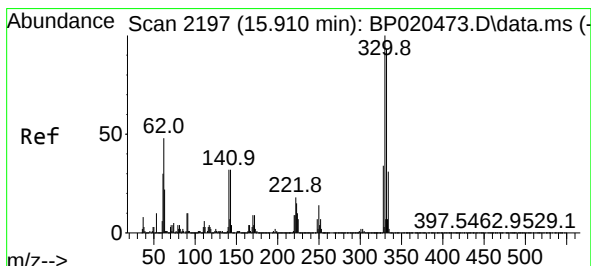
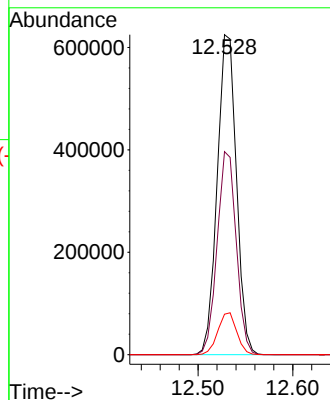
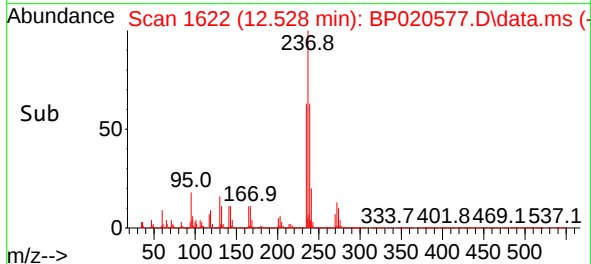
Instrument :  
BNA\_P  
ClientSampleId :  
WCS-TPAMS



Tgt Ion:237 Resp: 882492  
Ion Ratio Lower Upper  
237 100  
235 63.4 43.1 83.1  
272 12.7 0.0 32.4

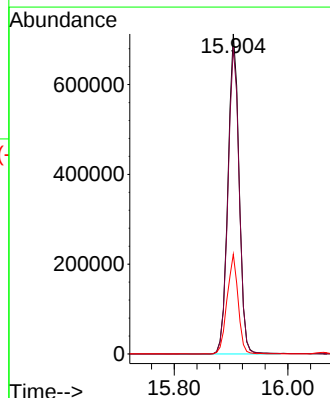
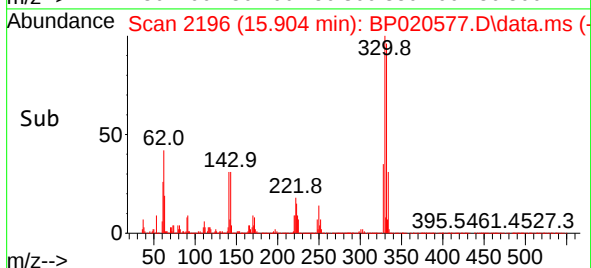
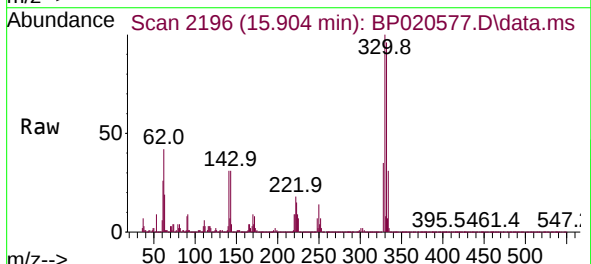
Manual Integrations  
APPROVED

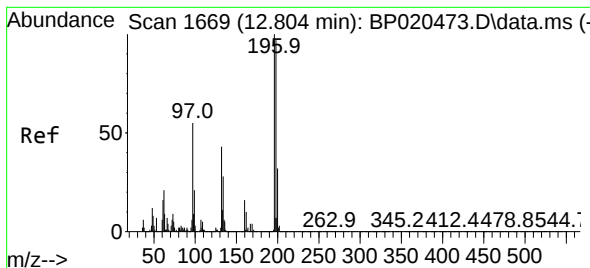
Reviewed By :Jagrut Upadhyay 06/11/2024  
Supervised By :mohammad ahmed 06/13/2024



#42  
2,4,6-Tribromophenol  
Concen: 161.421 ng  
RT: 15.904 min Scan# 2196  
Delta R.T. -0.006 min  
Lab File: BP020577.D  
Acq: 10 Jun 2024 14:45

Tgt Ion:330 Resp: 972504  
Ion Ratio Lower Upper  
330 100  
332 97.1 76.6 114.8  
141 30.8 27.1 40.7





#43

2,4,6-Trichlorophenol

Concen: 50.923 ng

RT: 12.810 min Scan# 1670

Delta R.T. 0.006 min

Lab File: BP020577.D

Acq: 10 Jun 2024 14:45

Instrument :

BNA\_P

ClientSampleId :

WCS-TPAMS

Tgt Ion:196 Resp: 51701

Ion Ratio Lower Upper

196 100

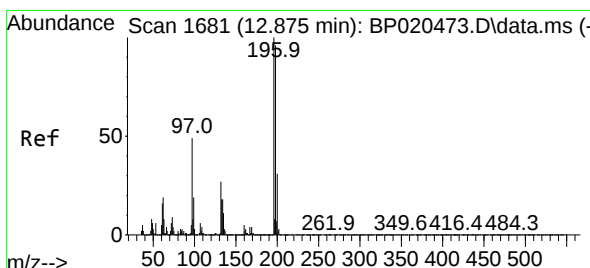
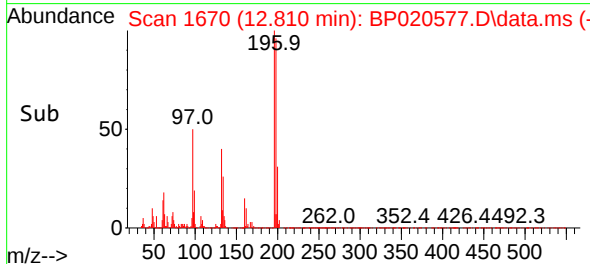
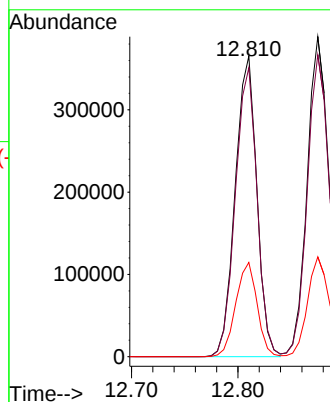
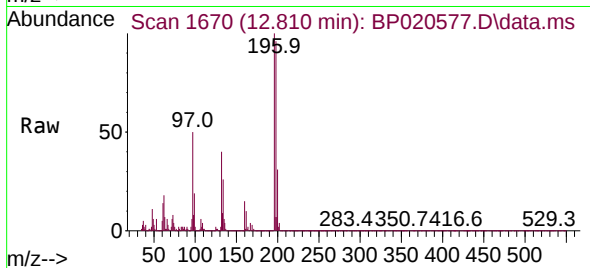
198 96.1 77.9 116.9

200 31.3 25.5 38.3

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 06/11/2024  
Supervised By :mohammad ahmed 06/13/2024



#44

2,4,5-Trichlorophenol

Concen: 48.173 ng

RT: 12.875 min Scan# 1681

Delta R.T. 0.000 min

Lab File: BP020577.D

Acq: 10 Jun 2024 14:45

Tgt Ion:196 Resp: 564261

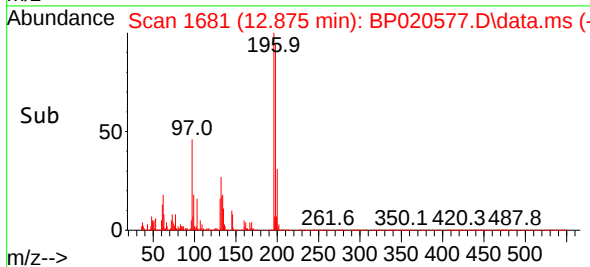
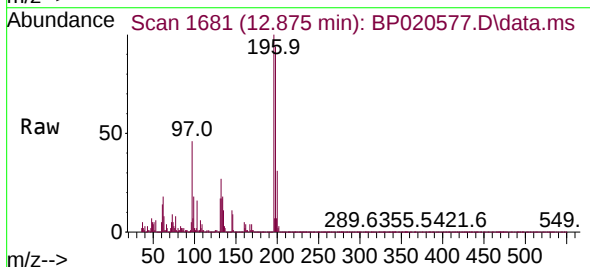
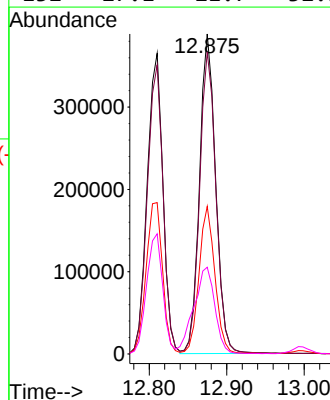
Ion Ratio Lower Upper

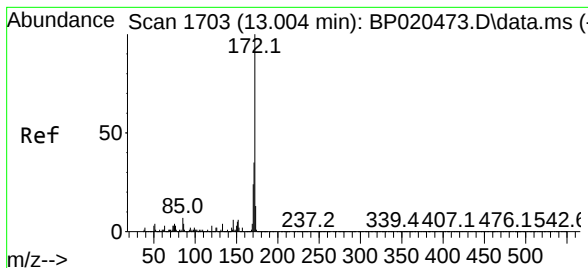
196 100

198 94.4 77.0 115.4

97 46.1 38.9 58.3

132 27.1 21.7 32.5





#45  
2-Fluorobiphenyl  
Concen: 80.078 ng  
RT: 12.998 min Scan# 1702  
Delta R.T. -0.006 min  
Lab File: BP020577.D  
Acq: 10 Jun 2024 14:45

Instrument :

BNA\_P

ClientSampleId :

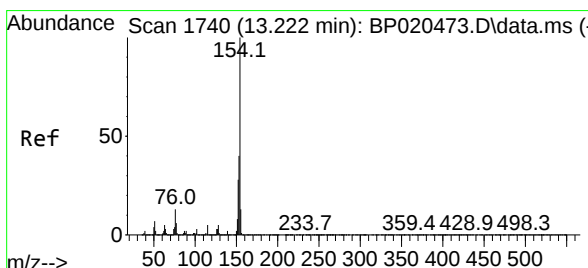
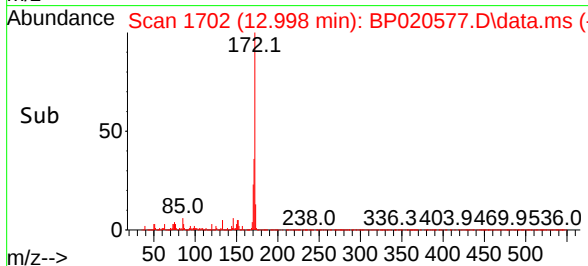
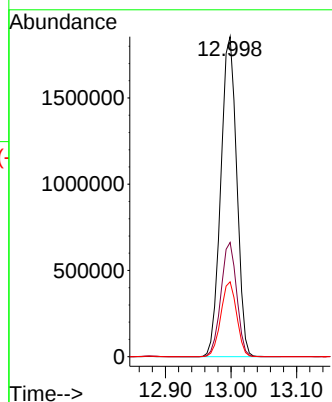
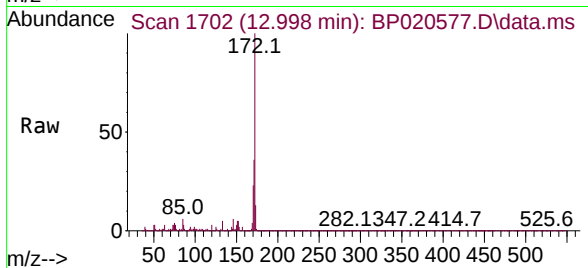
WCS-TPAMS

Tgt Ion:172 Resp: 311838  
Ion Ratio Lower Upper  
172 100  
171 35.7 28.4 42.6  
170 23.4 18.9 28.3

Manual Integrations

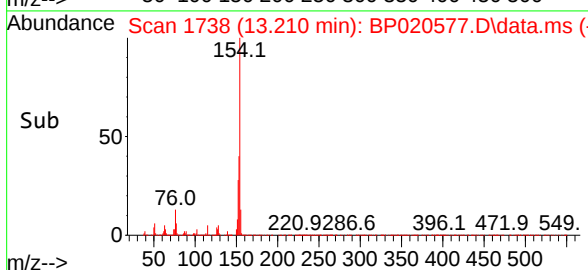
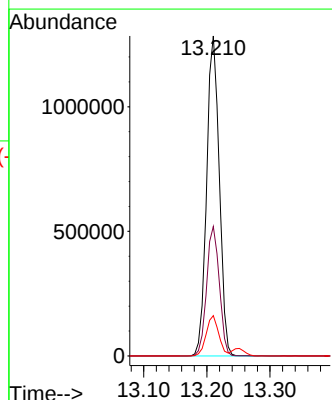
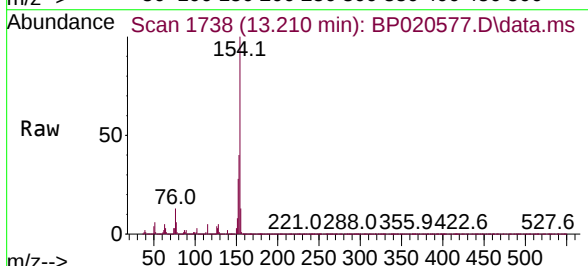
APPROVED

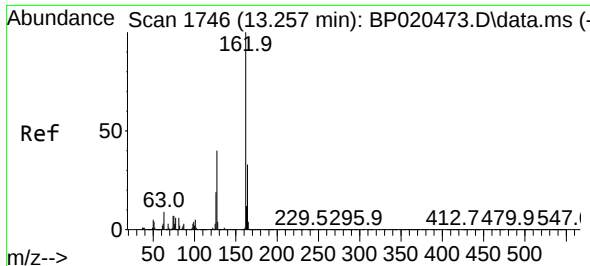
Reviewed By :Jagrut Upadhyay 06/11/2024  
Supervised By :mohammad ahmed 06/13/2024



#46  
1,1'-Biphenyl  
Concen: 43.636 ng  
RT: 13.210 min Scan# 1738  
Delta R.T. -0.012 min  
Lab File: BP020577.D  
Acq: 10 Jun 2024 14:45

Tgt Ion:154 Resp: 1787712  
Ion Ratio Lower Upper  
154 100  
153 40.5 19.9 59.9  
76 12.6 0.0 33.2





#47  
2-Chloronaphthalene  
Concen: 42.478 ng  
RT: 13.251 min Scan# 1745  
Delta R.T. -0.006 min  
Lab File: BP020577.D  
Acq: 10 Jun 2024 14:45

Instrument :

BNA\_P

ClientSampleId :

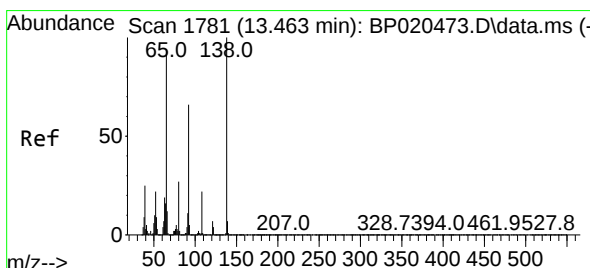
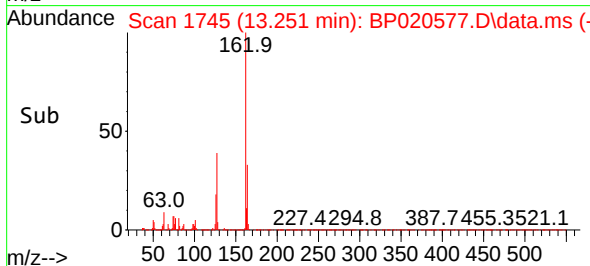
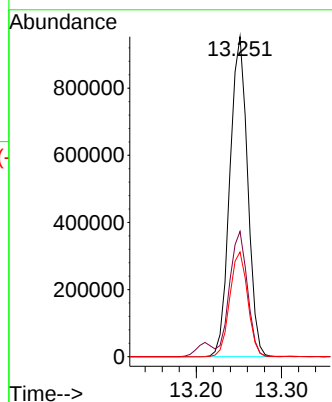
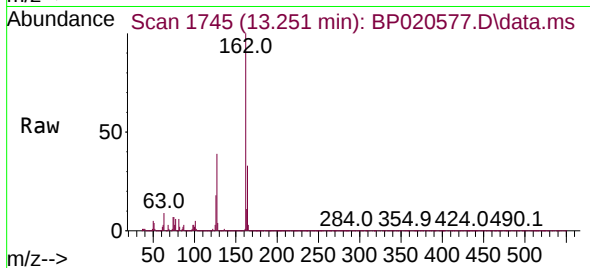
WCS-TPAMS

Tgt Ion:162 Resp: 1383462  
Ion Ratio Lower Upper  
162 100  
127 39.1 32.2 48.2  
164 32.7 26.1 39.1

Manual Integrations

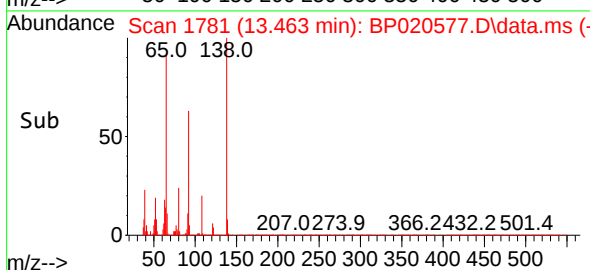
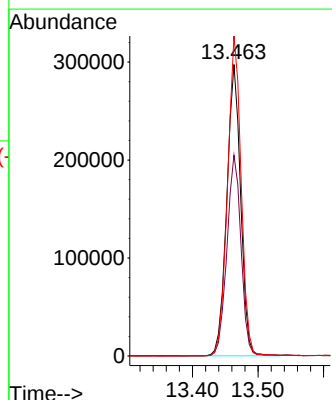
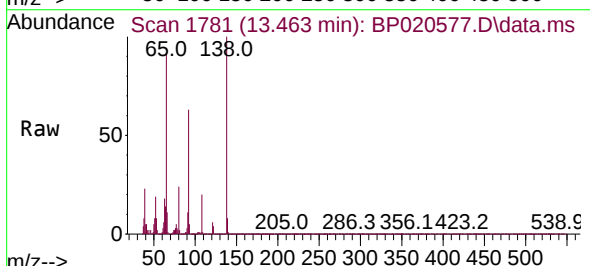
APPROVED

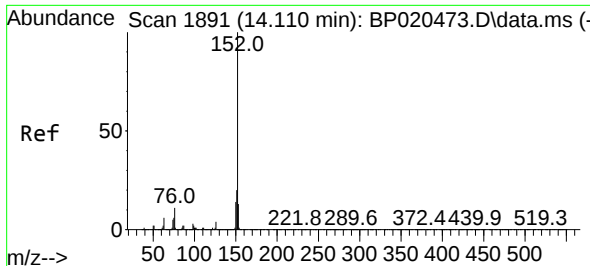
Reviewed By :Jagrut Upadhyay 06/11/2024  
Supervised By :mohammad ahmed 06/13/2024



#48  
2-Nitroaniline  
Concen: 49.252 ng  
RT: 13.463 min Scan# 1781  
Delta R.T. 0.000 min  
Lab File: BP020577.D  
Acq: 10 Jun 2024 14:45

Tgt Ion: 65 Resp: 434665  
Ion Ratio Lower Upper  
65 100  
92 68.9 55.8 83.8  
138 109.7 85.2 127.8





#49  
Acenaphthylene  
Concen: 47.518 ng  
RT: 14.104 min Scan# 1890  
Delta R.T. -0.006 min  
Lab File: BP020577.D  
Acq: 10 Jun 2024 14:45

Instrument :

BNA\_P

ClientSampleId :

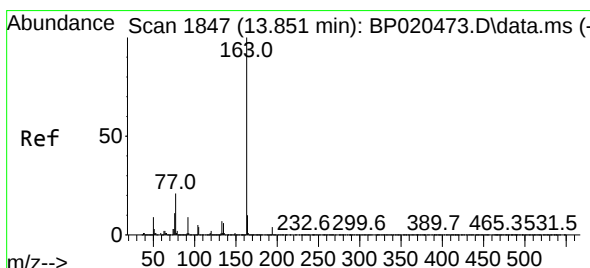
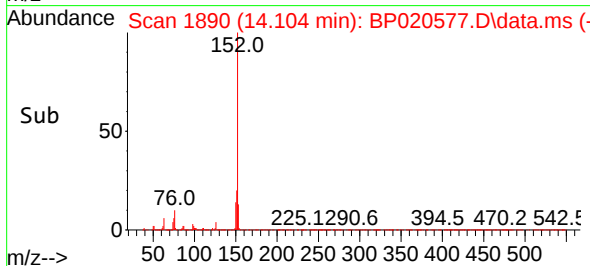
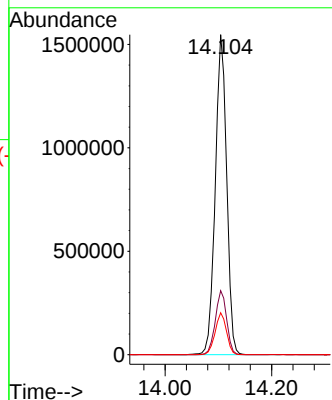
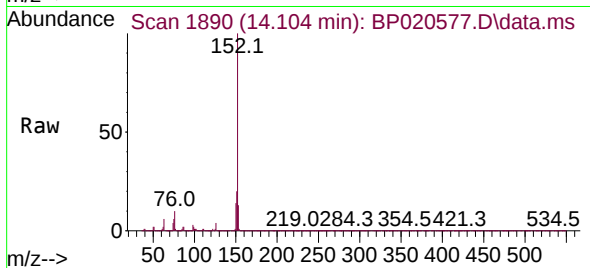
WCS-TPAMS

Tgt Ion:152 Resp: 229639  
Ion Ratio Lower Upper  
152 100  
151 20.0 15.9 23.9  
153 13.1 10.6 15.8

Manual Integrations

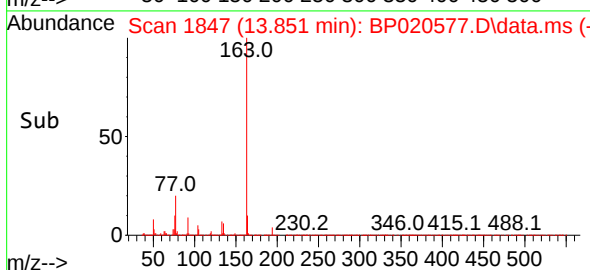
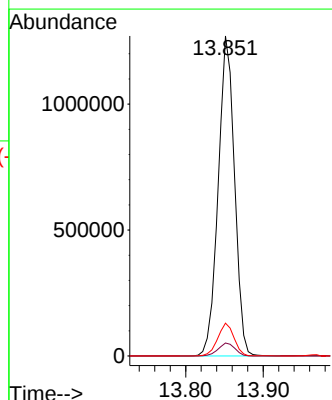
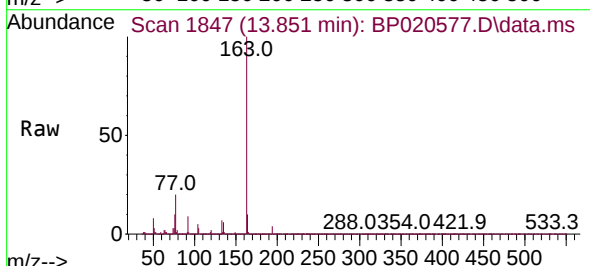
APPROVED

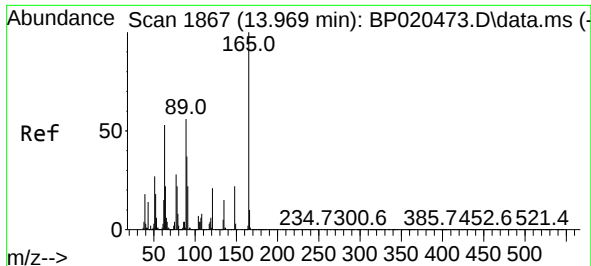
Reviewed By :Jagrut Upadhyay 06/11/2024  
Supervised By :mohammad ahmed 06/13/2024



#50  
Dimethylphthalate  
Concen: 45.442 ng  
RT: 13.851 min Scan# 1847  
Delta R.T. 0.000 min  
Lab File: BP020577.D  
Acq: 10 Jun 2024 14:45

Tgt Ion:163 Resp: 1859511  
Ion Ratio Lower Upper  
163 100  
194 4.1 3.3 4.9  
164 10.3 8.3 12.5





#51  
2,6-Dinitrotoluene  
Concen: 46.618 ng  
RT: 13.969 min Scan# 1867  
Delta R.T. -0.000 min  
Lab File: BP020577.D  
Acq: 10 Jun 2024 14:45

Instrument :

BNA\_P

ClientSampleId :

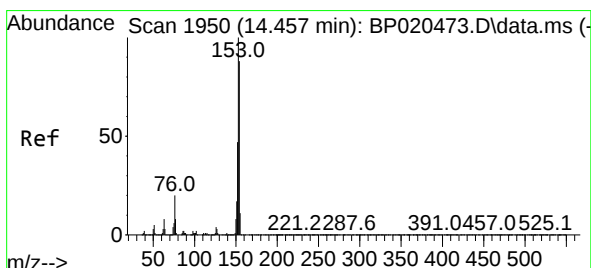
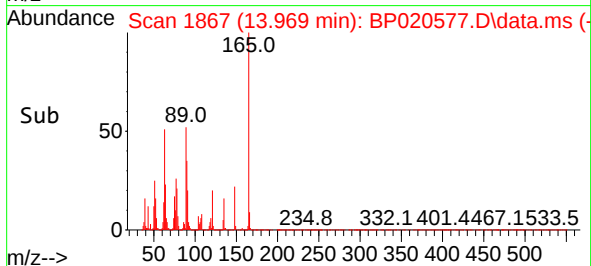
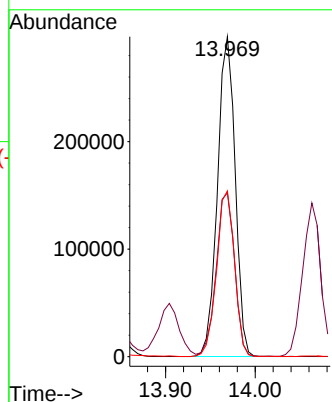
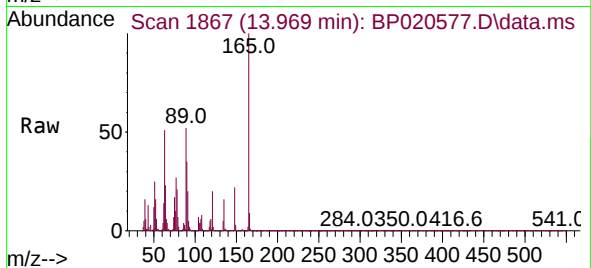
WCS-TPAMS

Tgt Ion:165 Resp: 40774  
Ion Ratio Lower Upper  
165 100  
63 51.2 45.6 68.4  
89 51.8 44.9 67.3

Manual Integrations

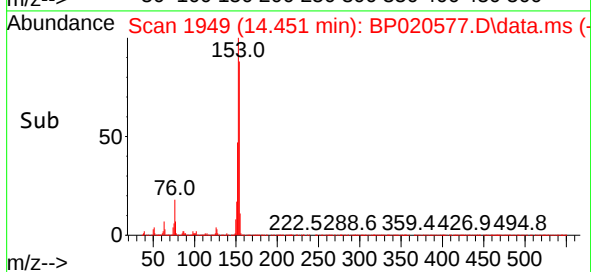
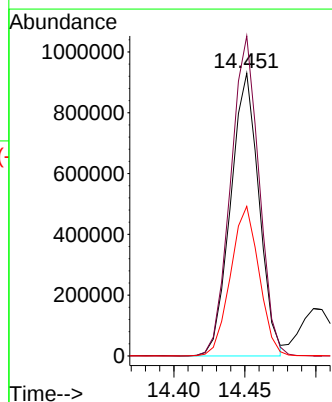
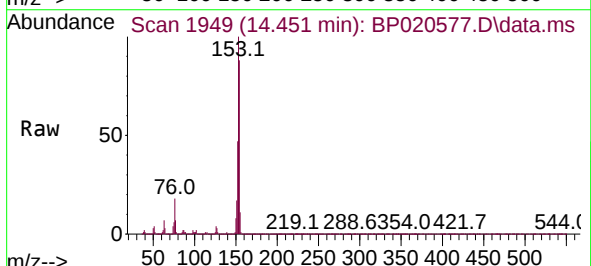
APPROVED

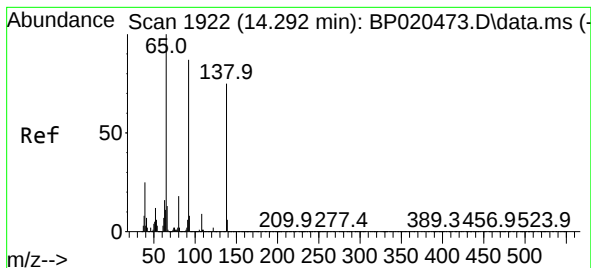
Reviewed By :Jagrut Upadhyay 06/11/2024  
Supervised By :mohammad ahmed 06/13/2024



#52  
Acenaphthene  
Concen: 42.452 ng  
RT: 14.451 min Scan# 1949  
Delta R.T. -0.006 min  
Lab File: BP020577.D  
Acq: 10 Jun 2024 14:45

Tgt Ion:154 Resp: 1294126  
Ion Ratio Lower Upper  
154 100  
153 113.2 90.6 136.0  
152 52.9 42.6 63.8





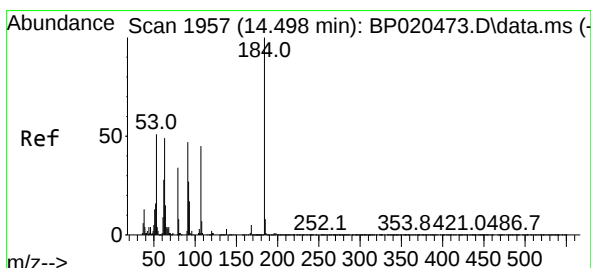
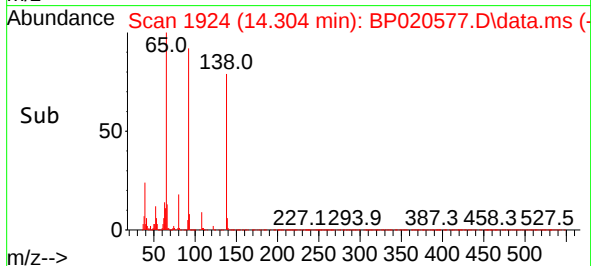
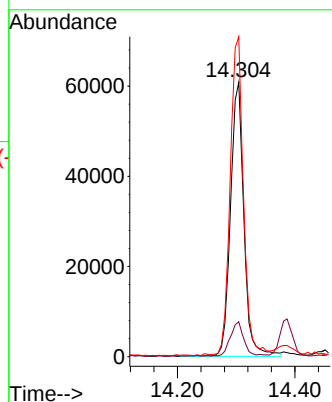
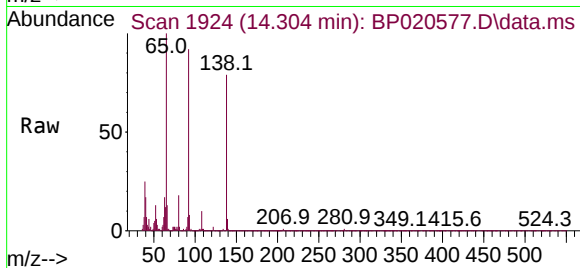
#53  
3-Nitroaniline  
Concen: 10.911 ng  
RT: 14.304 min Scan# 1924  
Delta R.T. 0.012 min  
Lab File: BP020577.D  
Acq: 10 Jun 2024 14:45

Instrument :  
BNA\_P  
ClientSampleId :  
WCS-TPAMS

Tgt Ion:138 Resp: 95724  
Ion Ratio Lower Upper  
138 100  
108 12.7 9.8 14.6  
92 116.6 93.5 140.3

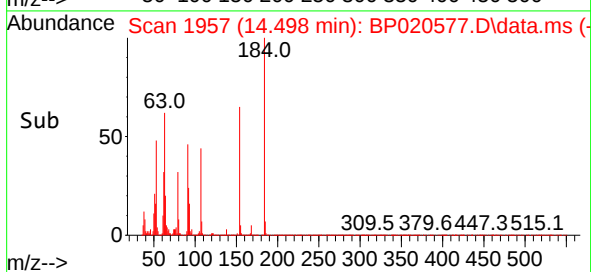
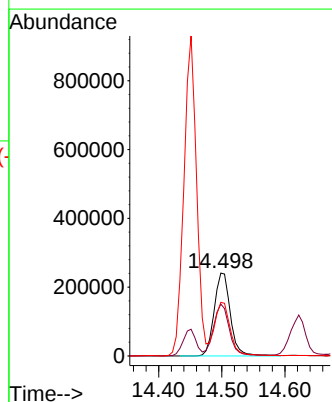
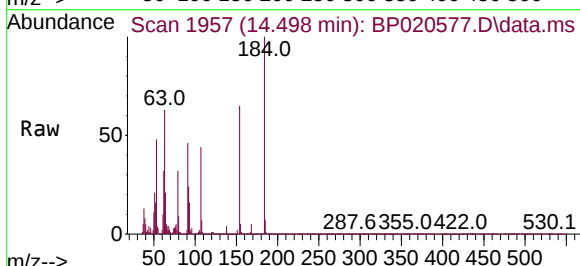
Manual Integrations  
APPROVED

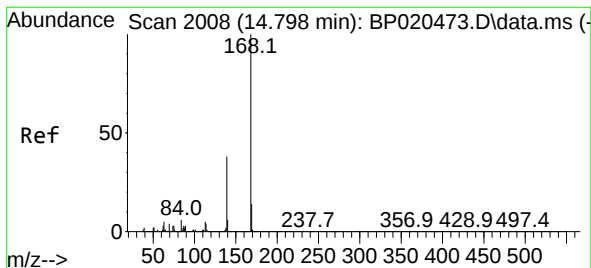
Reviewed By :Jagrut Upadhyay 06/11/2024  
Supervised By :mohammad ahmed 06/13/2024



#54  
2,4-Dinitrophenol  
Concen: 100.063 ng  
RT: 14.498 min Scan# 1957  
Delta R.T. 0.000 min  
Lab File: BP020577.D  
Acq: 10 Jun 2024 14:45

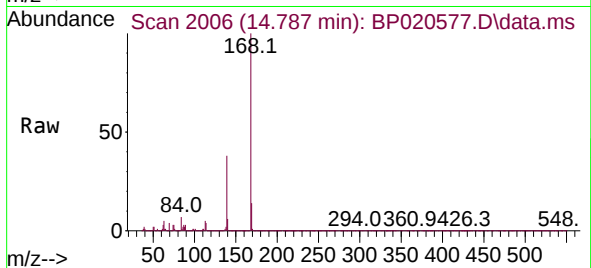
Tgt Ion:184 Resp: 428547  
Ion Ratio Lower Upper  
184 100  
63 62.6 54.2 81.4  
154 64.6 51.0 76.6





#55  
Dibenzenofuran  
Concen: 44.545 ng  
RT: 14.787 min Scan# 2006  
Delta R.T. -0.012 min  
Lab File: BP020577.D  
Acq: 10 Jun 2024 14:45

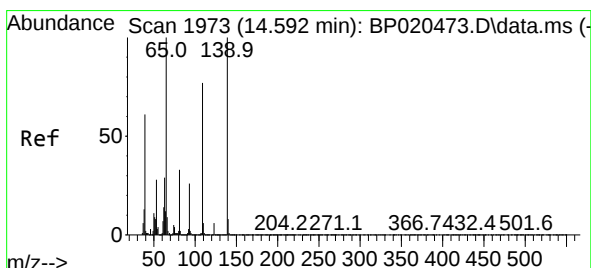
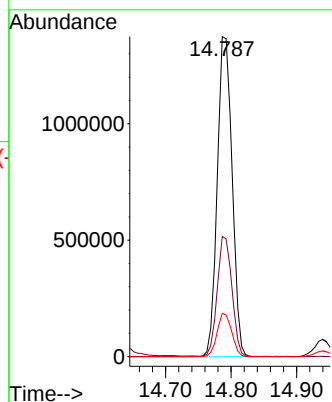
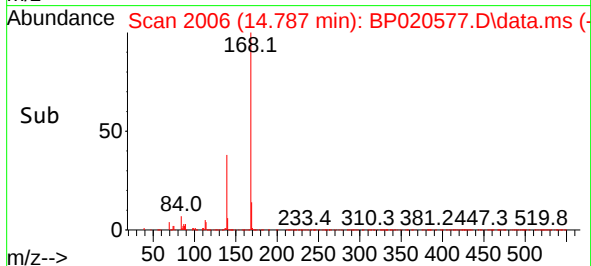
Instrument :  
BNA\_P  
ClientSampleId :  
WCS-TPAMS



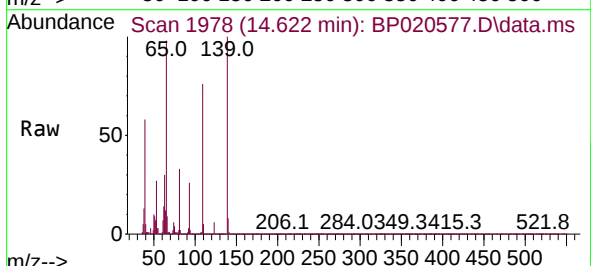
Tgt Ion:168 Resp: 2151120  
Ion Ratio Lower Upper  
168 100  
139 37.6 30.4 45.6  
169 13.5 11.0 16.4

Manual Integrations  
APPROVED

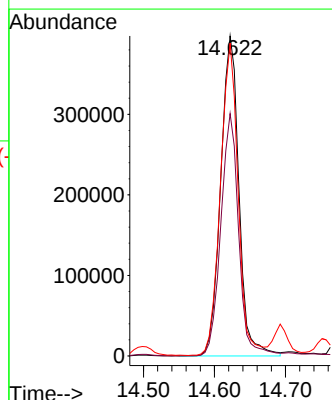
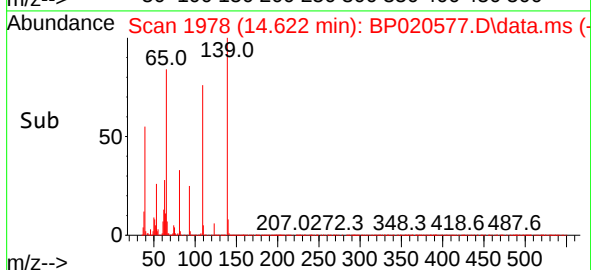
Reviewed By :Jagrut Upadhyay 06/11/2024  
Supervised By :mohammad ahmed 06/13/2024

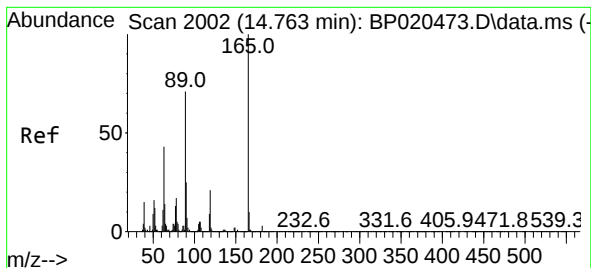


#56  
4-Nitrophenol  
Concen: 104.071 ng  
RT: 14.622 min Scan# 1978  
Delta R.T. 0.029 min  
Lab File: BP020577.D  
Acq: 10 Jun 2024 14:45



Tgt Ion:139 Resp: 706292  
Ion Ratio Lower Upper  
139 100  
109 75.7 57.4 97.4  
65 97.7 80.4 120.4





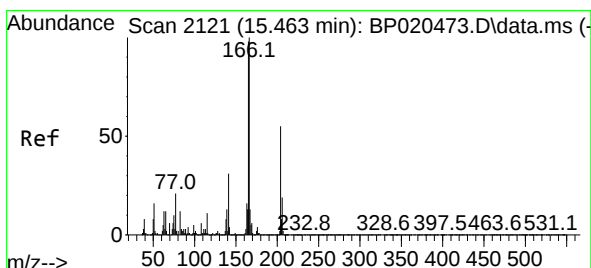
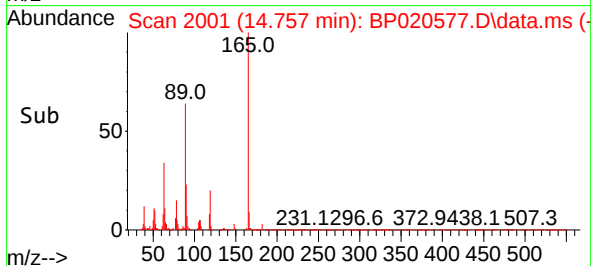
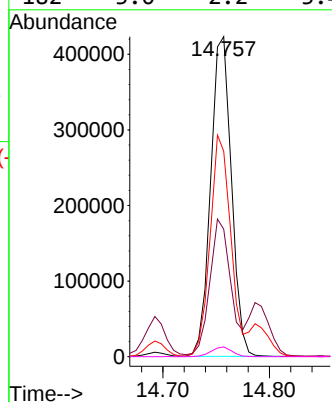
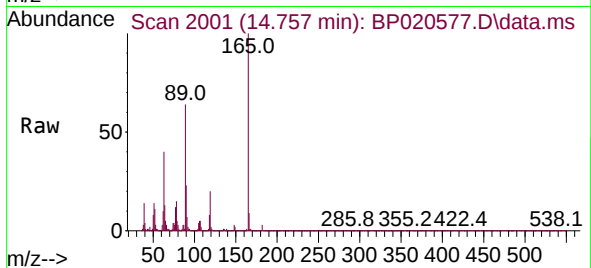
#57  
2,4-Dinitrotoluene  
Concen: 49.716 ng  
RT: 14.757 min Scan# 20  
Delta R.T. -0.006 min  
Lab File: BP020577.D  
Acq: 10 Jun 2024 14:45

Instrument :  
BNA\_P  
ClientSampleId :  
WCS-TPAMS

Tgt Ion:165 Resp: 571469  
Ion Ratio Lower Upper  
165 100  
63 39.9 34.9 52.3  
89 64.2 56.6 85.0  
182 3.0 2.2 3.4

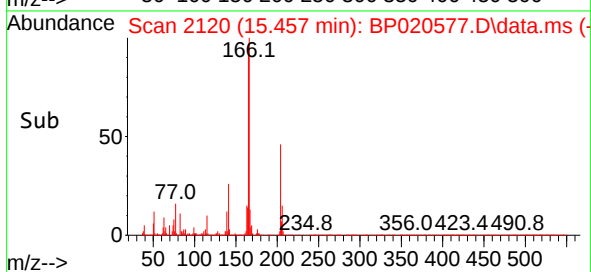
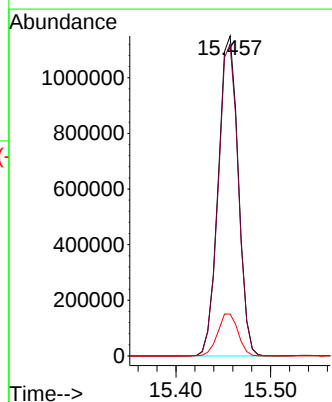
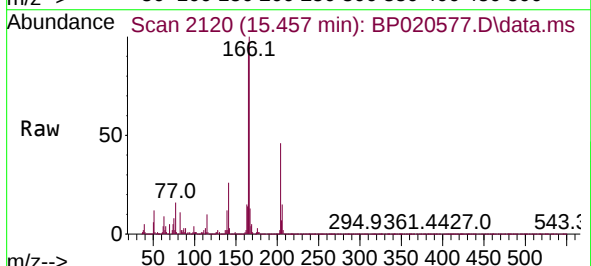
Manual Integrations  
APPROVED

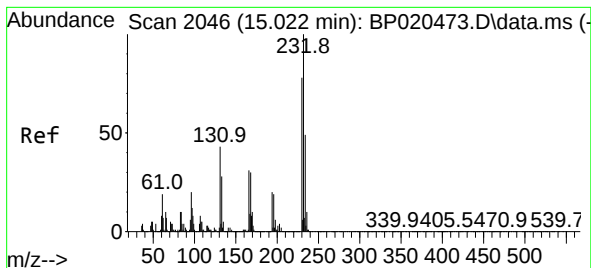
Reviewed By :Jagrut Upadhyay 06/11/2024  
Supervised By :mohammad ahmed 06/13/2024



#58  
Fluorene  
Concen: 43.541 ng  
RT: 15.457 min Scan# 2120  
Delta R.T. -0.006 min  
Lab File: BP020577.D  
Acq: 10 Jun 2024 14:45

Tgt Ion:166 Resp: 1687970  
Ion Ratio Lower Upper  
166 100  
165 97.4 78.2 117.4  
167 13.1 10.7 16.1





#59  
2,3,4,6-Tetrachlorophenol  
Concen: 52.499 ng  
RT: 15.028 min Scan# 2046  
Delta R.T. 0.006 min  
Lab File: BP020577.D  
Acq: 10 Jun 2024 14:45

Instrument :

BNA\_P

ClientSampleId :

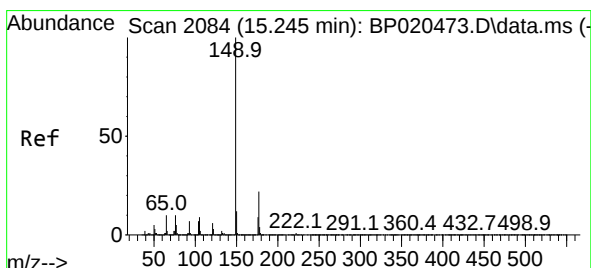
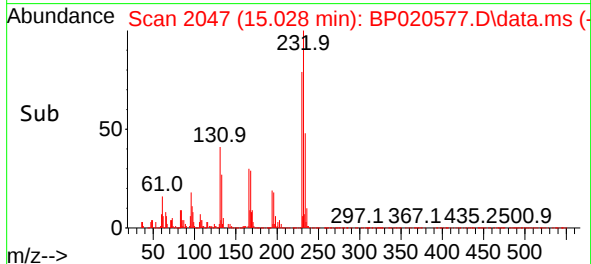
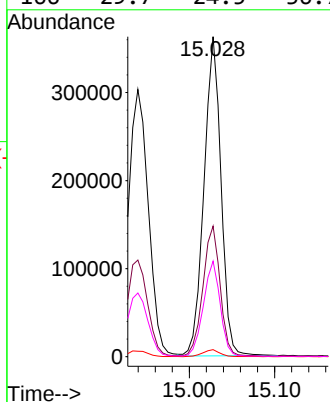
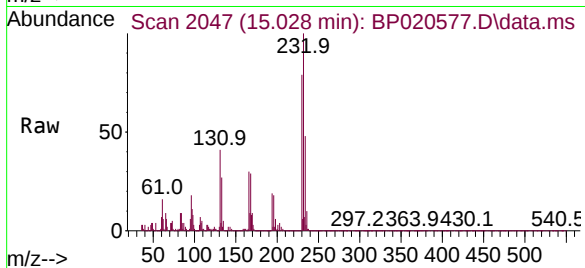
WCS-TPAMS

Tgt Ion:232 Resp: 503229  
Ion Ratio Lower Upper  
232 100  
131 41.0 34.8 52.2  
130 2.3 1.9 2.9  
166 29.7 24.5 36.7

Manual Integrations

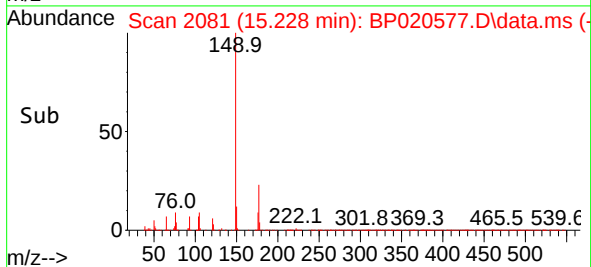
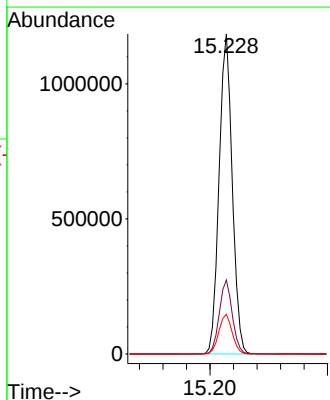
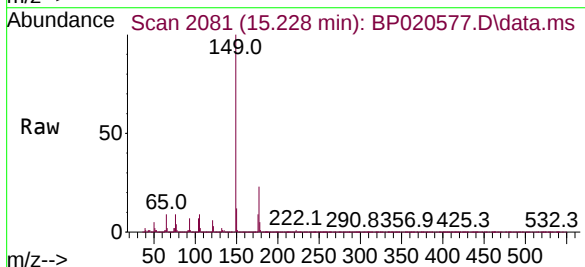
APPROVED

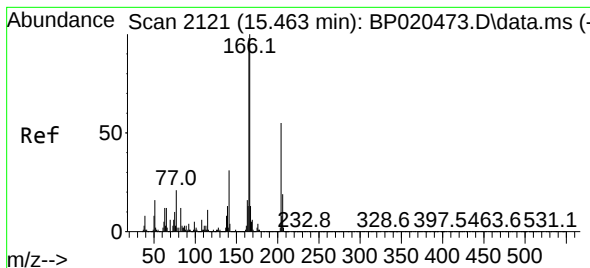
Reviewed By :Jagrut Upadhyay 06/11/2024  
Supervised By :mohammad ahmed 06/13/2024



#60  
Diethylphthalate  
Concen: 44.279 ng  
RT: 15.228 min Scan# 2081  
Delta R.T. -0.018 min  
Lab File: BP020577.D  
Acq: 10 Jun 2024 14:45

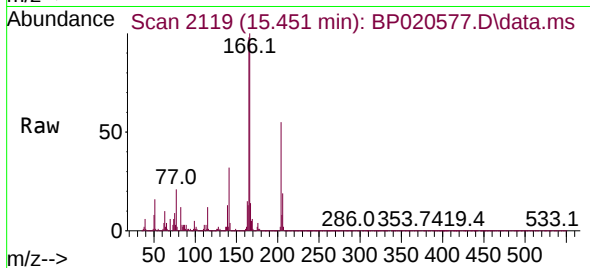
Tgt Ion:149 Resp: 1841864  
Ion Ratio Lower Upper  
149 100  
177 23.1 17.8 26.8  
150 12.4 9.8 14.8





#61  
4-Chlorophenyl-phenylether  
Concen: 43.560 ng  
RT: 15.451 min Scan# 2119  
Delta R.T. -0.012 min  
Lab File: BP020577.D  
Acq: 10 Jun 2024 14:45

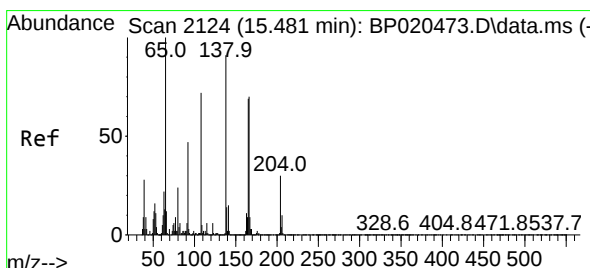
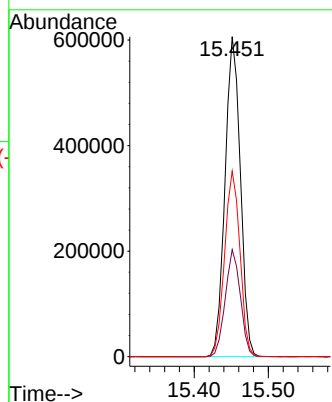
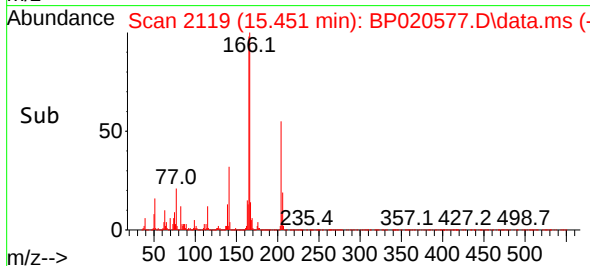
Instrument :  
BNA\_P  
ClientSampleId :  
WCS-TPAMS



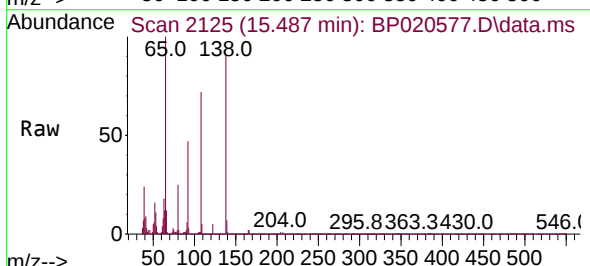
Tgt Ion:204 Resp: 871409  
Ion Ratio Lower Upper  
204 100  
206 33.4 27.0 40.4  
141 58.0 45.0 67.6

Manual Integrations  
APPROVED

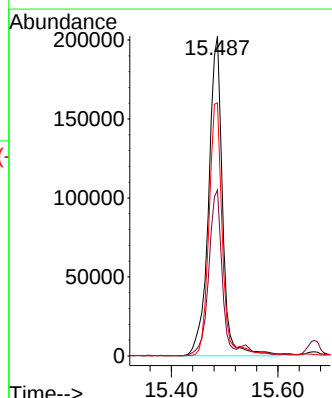
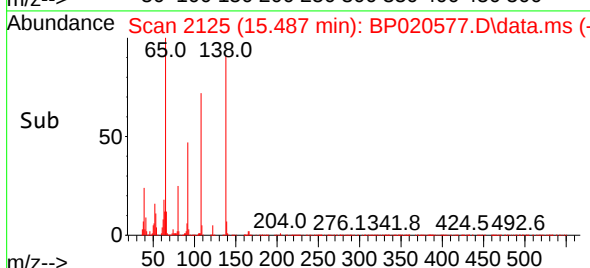
Reviewed By :Jagrut Upadhyay 06/11/2024  
Supervised By :mohammad ahmed 06/13/2024

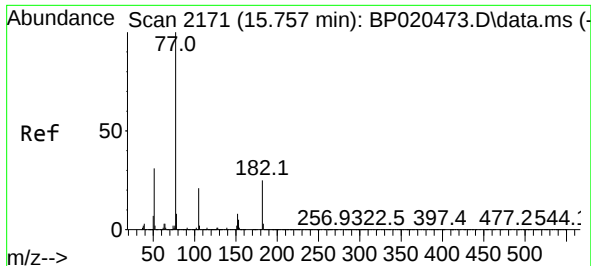


#62  
4-Nitroaniline  
Concen: 40.734 ng  
RT: 15.487 min Scan# 2125  
Delta R.T. 0.006 min  
Lab File: BP020577.D  
Acq: 10 Jun 2024 14:45



Tgt Ion:138 Resp: 368129  
Ion Ratio Lower Upper  
138 100  
92 51.9 31.7 71.7  
108 79.1 59.9 99.9





#63  
Azobenzene  
Concen: 43.377 ng  
RT: 15.751 min Scan# 2170  
Delta R.T. -0.006 min  
Lab File: BP020577.D  
Acq: 10 Jun 2024 14:45

Instrument :

BNA\_P

ClientSampleId :

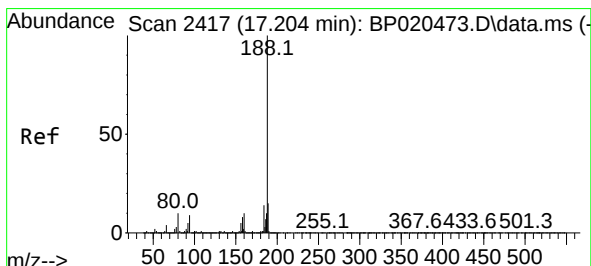
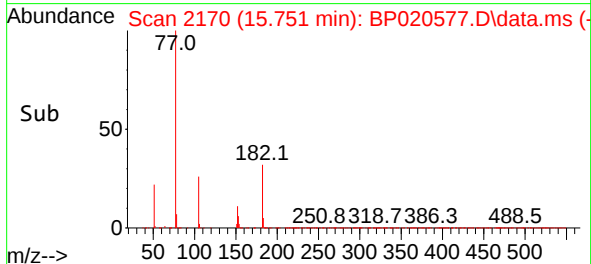
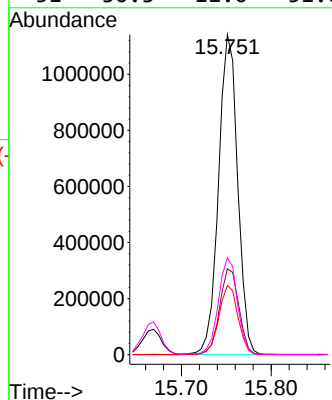
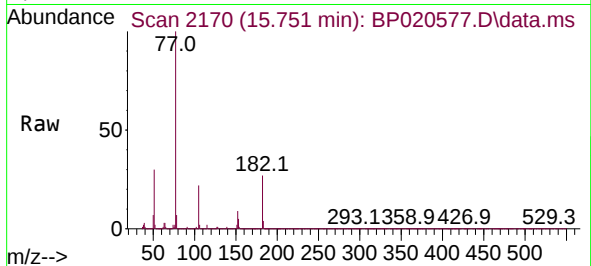
WCS-TPAMS

Tgt Ion: 77 Resp: 168483  
Ion Ratio Lower Upper  
77 100  
182 26.8 4.6 44.6  
105 21.6 1.2 41.2  
51 30.3 11.0 51.0

Manual Integrations

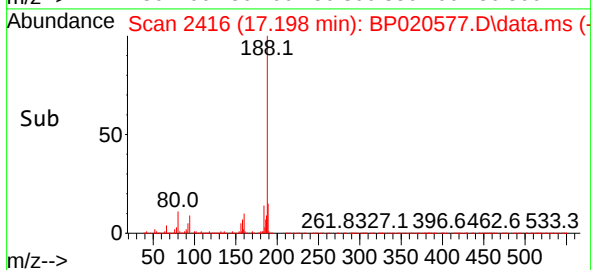
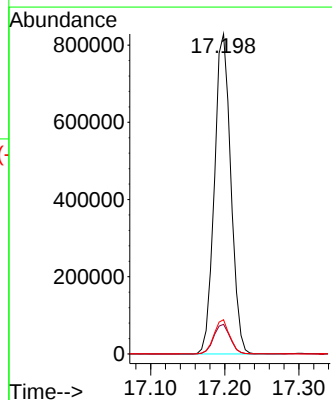
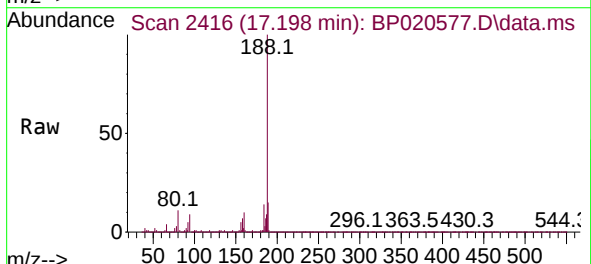
APPROVED

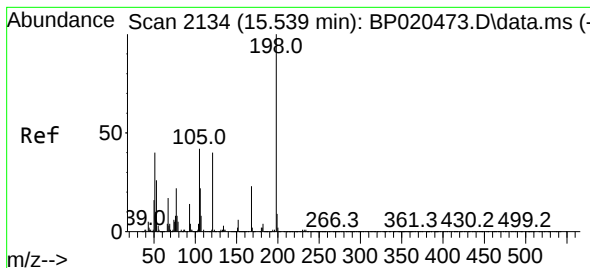
Reviewed By :Jagrut Upadhyay 06/11/2024  
Supervised By :mohammad ahmed 06/13/2024



#64  
Phenanthrene-d10  
Concen: 20.000 ng  
RT: 17.198 min Scan# 2416  
Delta R.T. -0.006 min  
Lab File: BP020577.D  
Acq: 10 Jun 2024 14:45

Tgt Ion:188 Resp: 1272961  
Ion Ratio Lower Upper  
188 100  
94 9.2 7.2 10.8  
80 10.7 8.1 12.1





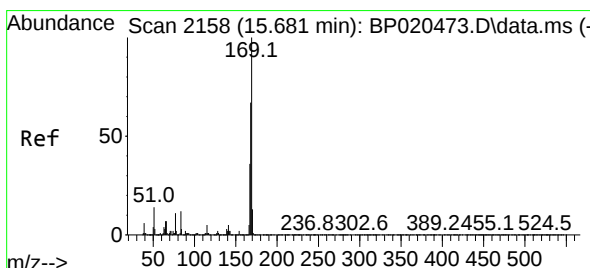
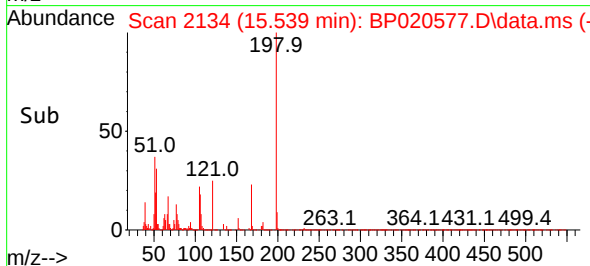
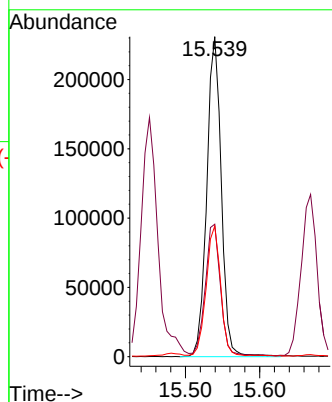
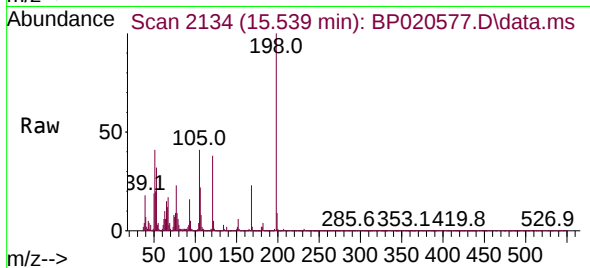
#65  
4,6-Dinitro-2-methylphenol  
Concen: 54.428 ng  
RT: 15.539 min Scan# 2134  
Delta R.T. 0.000 min  
Lab File: BP020577.D  
Acq: 10 Jun 2024 14:45

Instrument :  
BNA\_P  
ClientSampleId :  
WCS-TPAMS

Tgt Ion:198 Resp: 31405  
Ion Ratio Lower Upper  
198 100  
51 41.4 24.8 64.8  
105 40.9 23.2 63.2

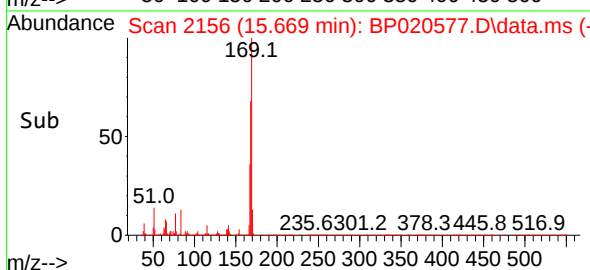
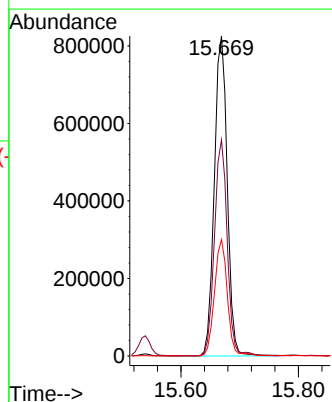
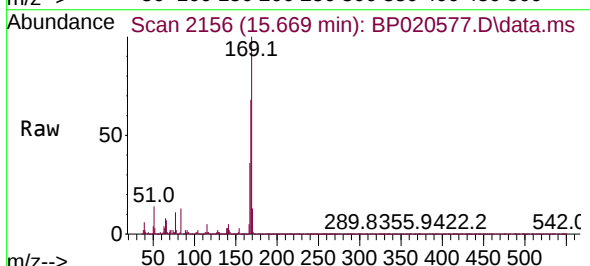
Manual Integrations  
APPROVED

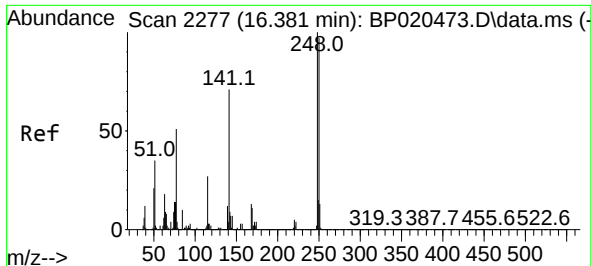
Reviewed By :Jagrut Upadhyay 06/11/2024  
Supervised By :mohammad ahmed 06/13/2024



#66  
n-Nitrosodiphenylamine  
Concen: 35.972 ng  
RT: 15.669 min Scan# 2156  
Delta R.T. -0.012 min  
Lab File: BP020577.D  
Acq: 10 Jun 2024 14:45

Tgt Ion:169 Resp: 1258947  
Ion Ratio Lower Upper  
169 100  
168 67.6 53.4 80.0  
167 36.3 28.7 43.1





#67  
4-Bromophenyl-phenylether  
Concen: 45.432 ng  
RT: 16.369 min Scan# 2275  
Delta R.T. -0.012 min  
Lab File: BP020577.D  
Acq: 10 Jun 2024 14:45

Instrument :

BNA\_P

ClientSampleId :

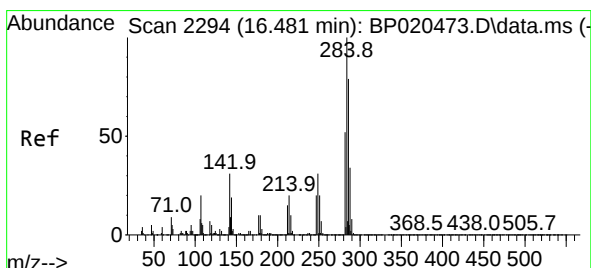
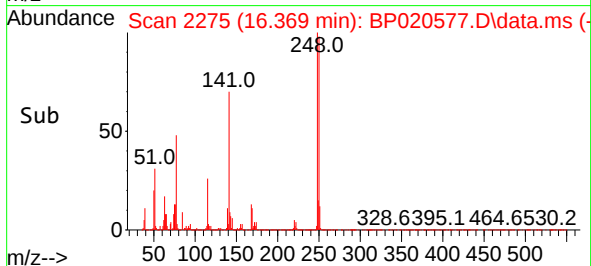
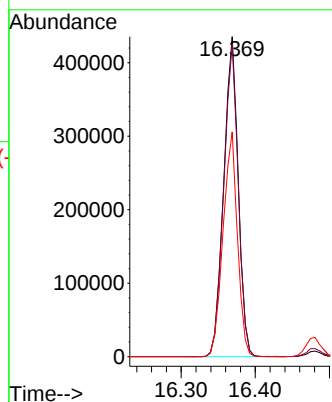
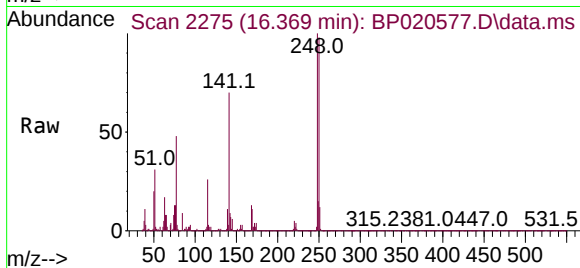
WCS-TPAMS

Tgt Ion:248 Resp: 591668  
Ion Ratio Lower Upper  
248 100  
250 97.7 77.4 116.0  
141 70.3 56.5 84.7

Manual Integrations

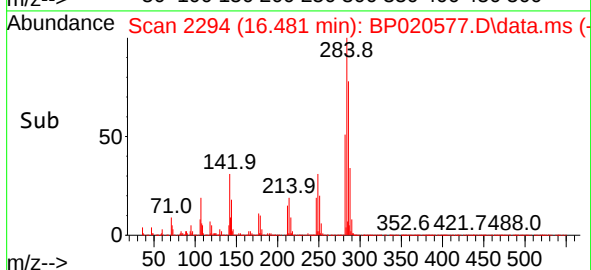
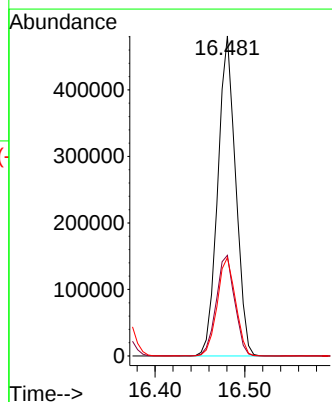
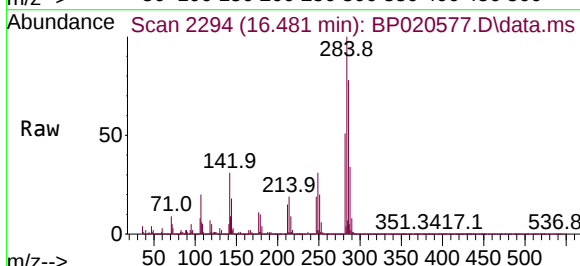
APPROVED

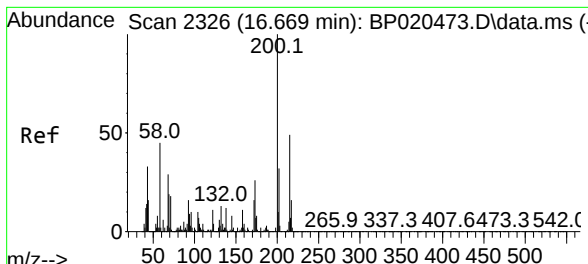
Reviewed By :Jagrut Upadhyay 06/11/2024  
Supervised By :mohammad ahmed 06/13/2024



#68  
Hexachlorobenzene  
Concen: 43.398 ng  
RT: 16.481 min Scan# 2294  
Delta R.T. -0.000 min  
Lab File: BP020577.D  
Acq: 10 Jun 2024 14:45

Tgt Ion:284 Resp: 665169  
Ion Ratio Lower Upper  
284 100  
142 31.5 24.5 36.7  
249 30.7 25.3 37.9





#69  
 Atrazine  
 Concen: 20.359 ng  
 RT: 16.645 min Scan# 21  
 Delta R.T. -0.024 min  
 Lab File: BP020577.D  
 Acq: 10 Jun 2024 14:45

Instrument :

BNA\_P

ClientSampleId :

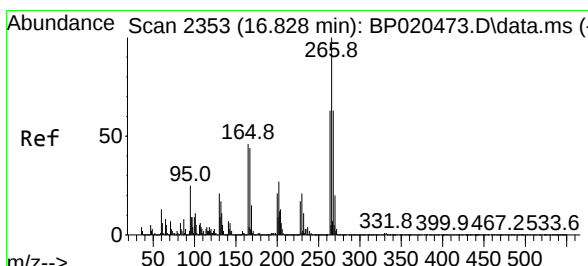
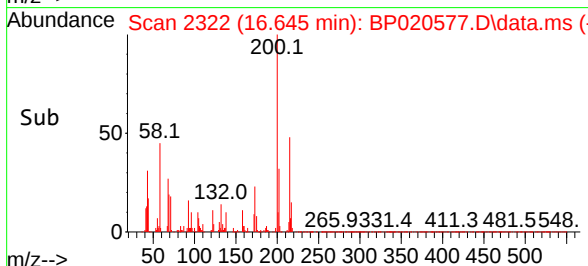
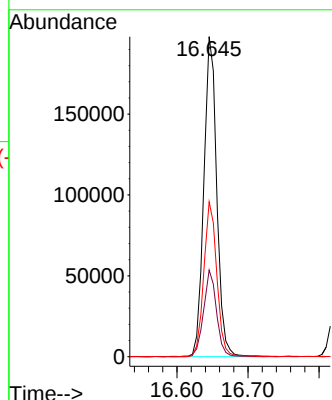
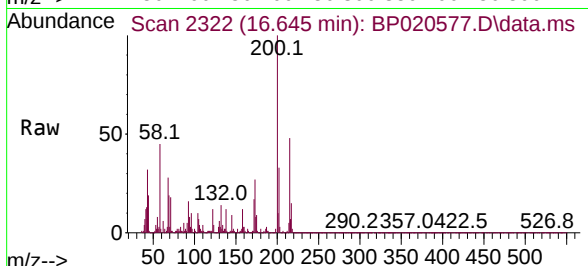
WCS-TPAMS

Tgt Ion:200 Resp: 250675  
 Ion Ratio Lower Upper  
 200 100  
 173 27.1 6.1 46.1  
 215 48.4 28.7 68.7

Manual Integrations

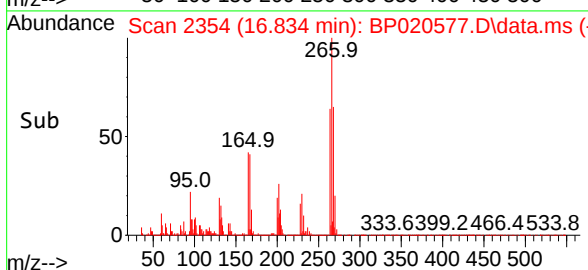
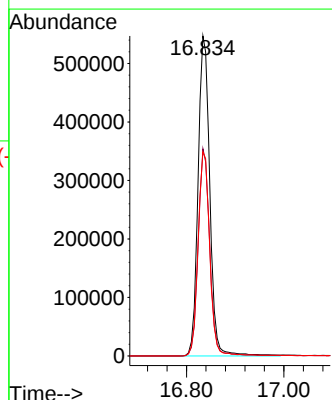
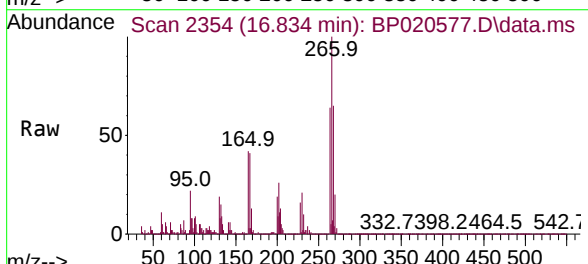
APPROVED

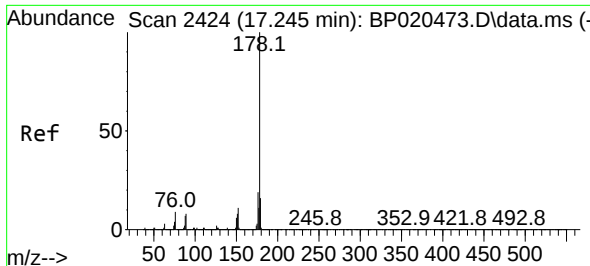
Reviewed By :Jagrut Upadhyay 06/11/2024  
 Supervised By :mohammad ahmed 06/13/2024



#70  
 Pentachlorophenol  
 Concen: 98.847 ng  
 RT: 16.834 min Scan# 2354  
 Delta R.T. 0.006 min  
 Lab File: BP020577.D  
 Acq: 10 Jun 2024 14:45

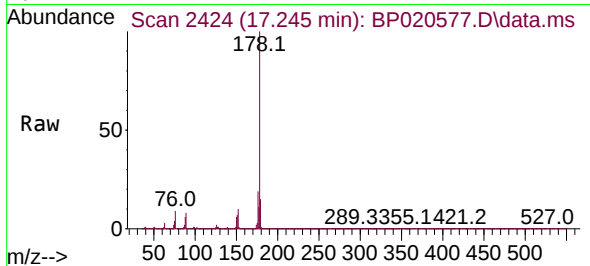
Tgt Ion:266 Resp: 920150  
 Ion Ratio Lower Upper  
 266 100  
 268 64.8 50.1 75.1  
 264 63.7 50.6 76.0





#71  
Phenanthrene  
Concen: 45.332 ng  
RT: 17.245 min Scan# 2424  
Delta R.T. 0.000 min  
Lab File: BP020577.D  
Acq: 10 Jun 2024 14:45

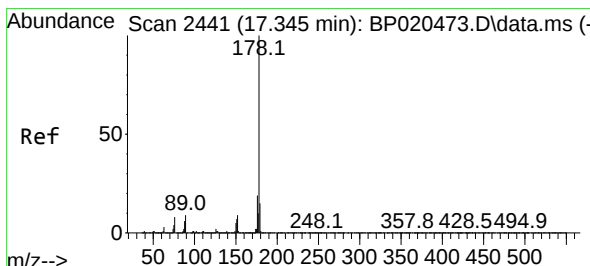
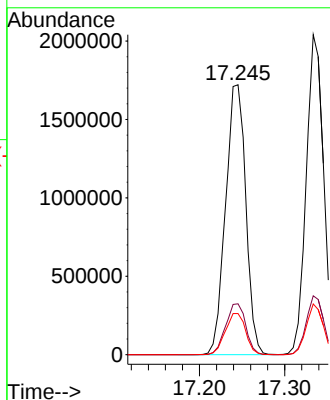
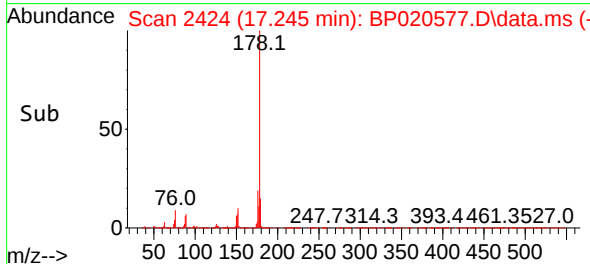
Instrument :  
BNA\_P  
ClientSampleId :  
WCS-TPAMS



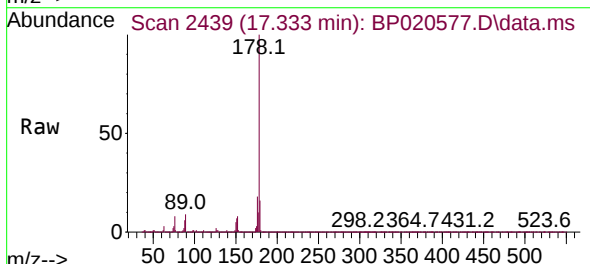
Tgt Ion:178 Resp: 2836684  
Ion Ratio Lower Upper  
178 100  
176 18.9 15.4 23.2  
179 15.2 12.5 18.7

Manual Integrations  
APPROVED

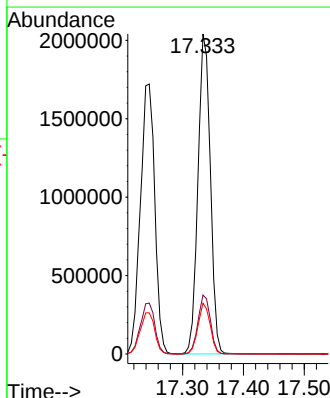
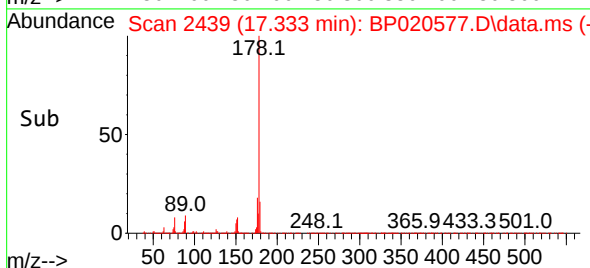
Reviewed By :Jagrut Upadhyay 06/11/2024  
Supervised By :mohammad ahmed 06/13/2024

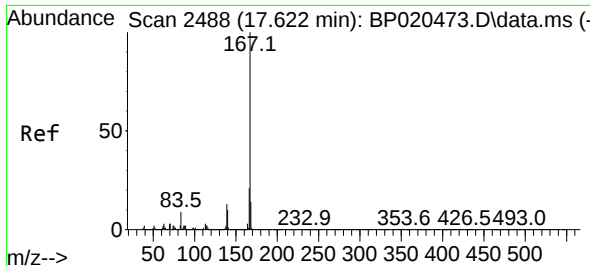


#72  
Anthracene  
Concen: 46.952 ng  
RT: 17.333 min Scan# 2439  
Delta R.T. -0.012 min  
Lab File: BP020577.D  
Acq: 10 Jun 2024 14:45



Tgt Ion:178 Resp: 2882953  
Ion Ratio Lower Upper  
178 100  
176 18.4 14.8 22.2  
179 15.8 12.2 18.4





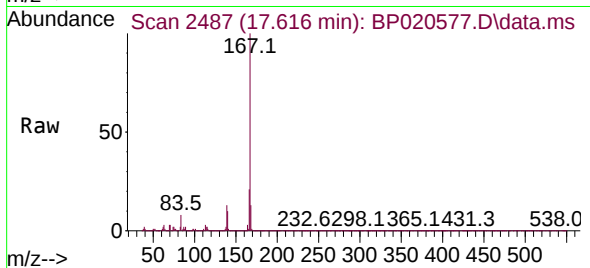
#73  
 Carbazole  
 Concen: 34.890 ng  
 RT: 17.616 min Scan# 2488  
 Delta R.T. -0.006 min  
 Lab File: BP020577.D  
 Acq: 10 Jun 2024 14:45

Instrument :

BNA\_P

ClientSampleId :

WCS-TPAMS

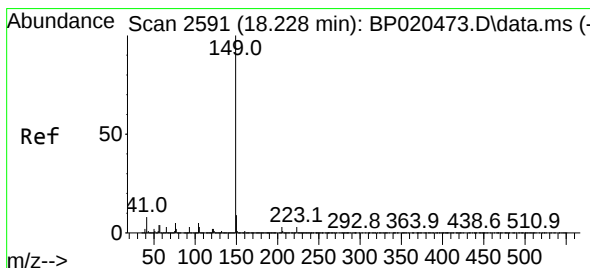
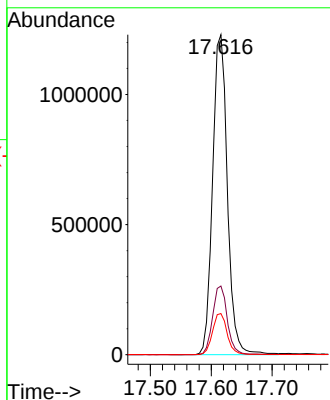
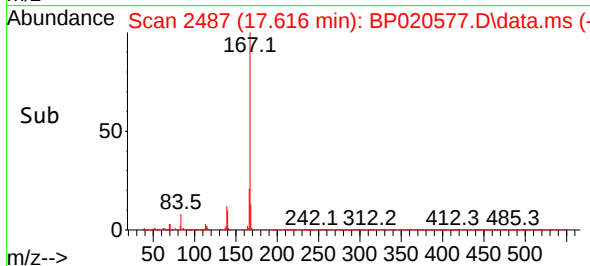


Tgt Ion:167 Resp: 2072234  
 Ion Ratio Lower Upper  
 167 100  
 166 21.5 17.1 25.7  
 139 12.9 10.5 15.7

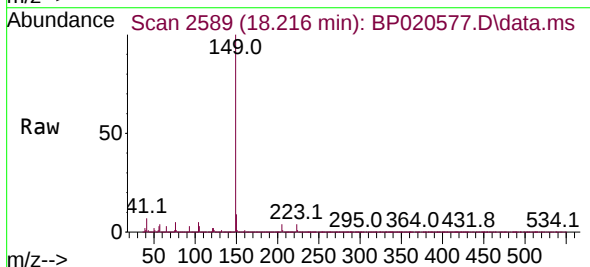
Manual Integrations

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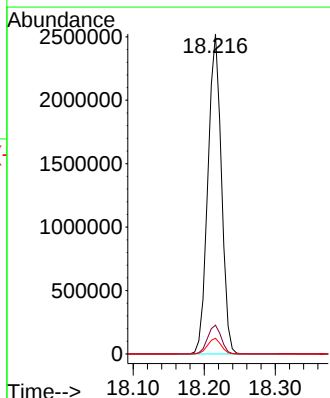
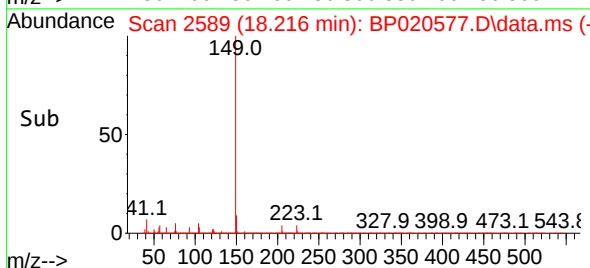
Reviewed By :Jagrut Upadhyay 06/11/2024  
 Supervised By :mohammad ahmed 06/13/2024

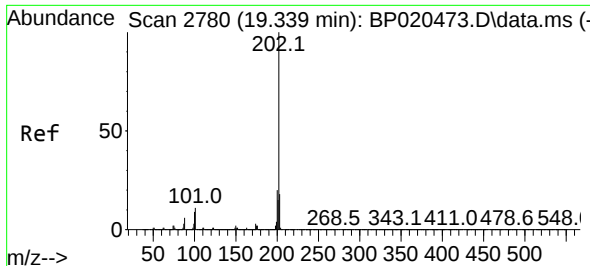


#74  
 Di-n-butylphthalate  
 Concen: 46.216 ng  
 RT: 18.216 min Scan# 2589  
 Delta R.T. -0.012 min  
 Lab File: BP020577.D  
 Acq: 10 Jun 2024 14:45



Tgt Ion:149 Resp: 3324094  
 Ion Ratio Lower Upper  
 149 100  
 150 9.0 7.4 11.2  
 104 4.9 4.2 6.2





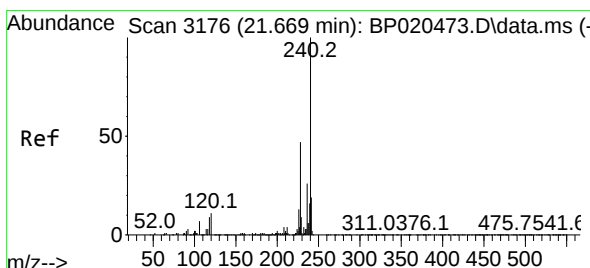
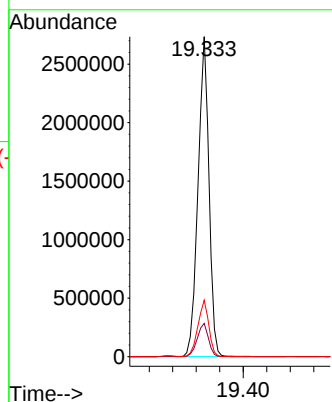
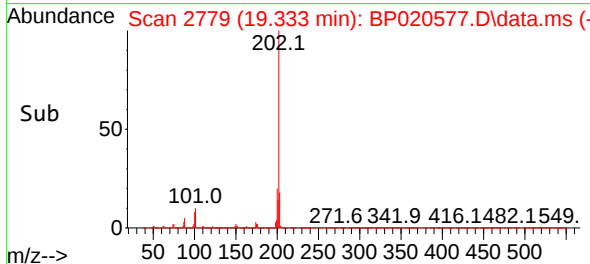
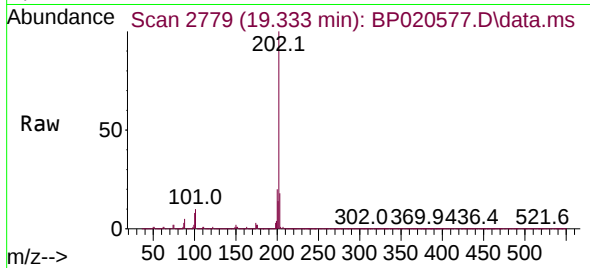
#75  
Fluoranthene  
Concen: 47.693 ng  
RT: 19.333 min Scan# 21  
Delta R.T. -0.006 min  
Lab File: BP020577.D  
Acq: 10 Jun 2024 14:45

Instrument :  
BNA\_P  
ClientSampleId :  
WCS-TPAMS

Tgt Ion:202 Resp: 3530690  
Ion Ratio Lower Upper  
202 100  
101 10.4 0.0 31.4  
203 17.7 0.0 37.7

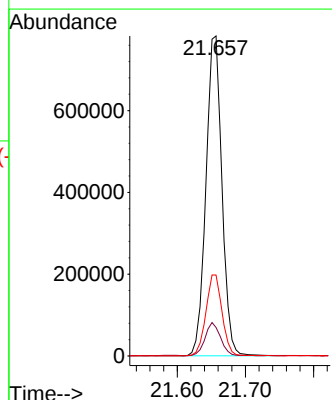
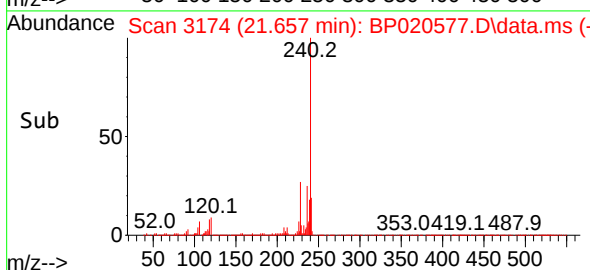
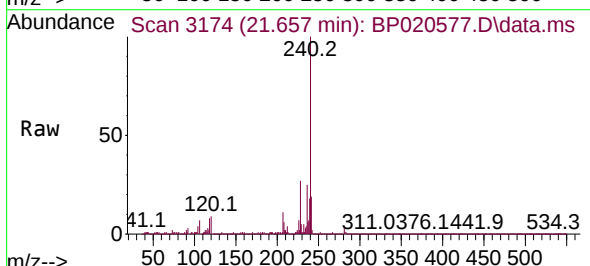
Manual Integrations  
APPROVED

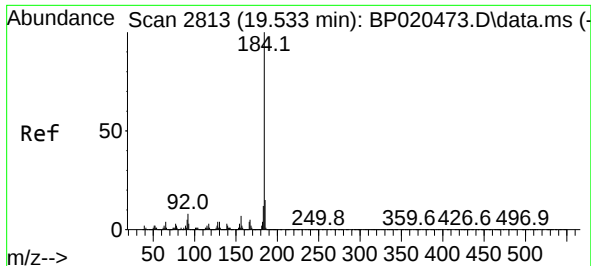
Reviewed By :Jagrut Upadhyay 06/11/2024  
Supervised By :mohammad ahmed 06/13/2024



#76  
Chrysene-d12  
Concen: 20.000 ng  
RT: 21.657 min Scan# 3174  
Delta R.T. -0.012 min  
Lab File: BP020577.D  
Acq: 10 Jun 2024 14:45

Tgt Ion:240 Resp: 1276156  
Ion Ratio Lower Upper  
240 100  
120 8.9 8.5 12.7  
236 25.3 20.5 30.7





#77  
Benzidine  
Concen: 13.261 ng m  
RT: 19.545 min Scan# 2815  
Delta R.T. 0.012 min  
Lab File: BP020577.D  
Acq: 10 Jun 2024 14:45

Instrument :

BNP\_P

ClientSampleId :

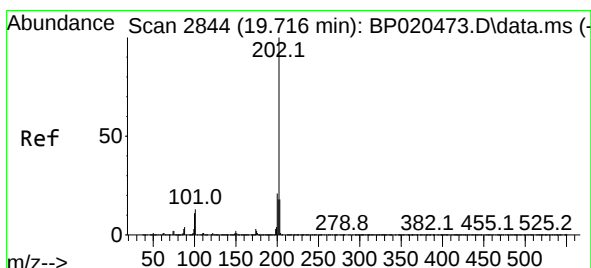
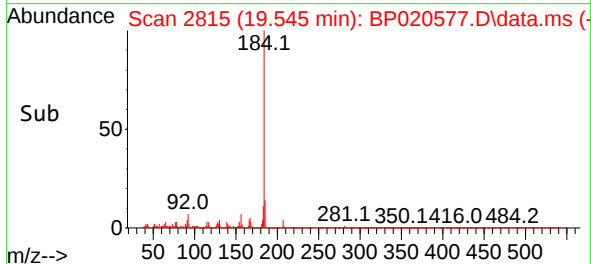
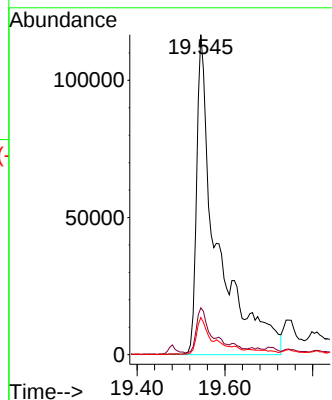
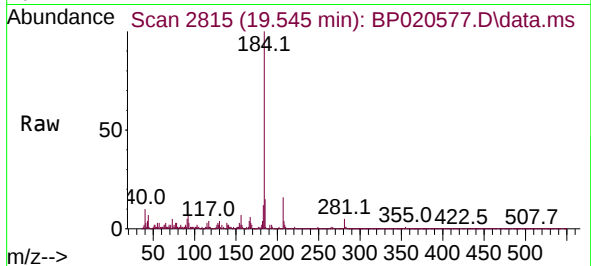
WCS-TPAMS

Tgt Ion:184 Resp: 377770  
Ion Ratio Lower Upper  
184 100  
185 14.7 12.0 18.0  
183 11.6 9.4 14.0

Manual Integrations

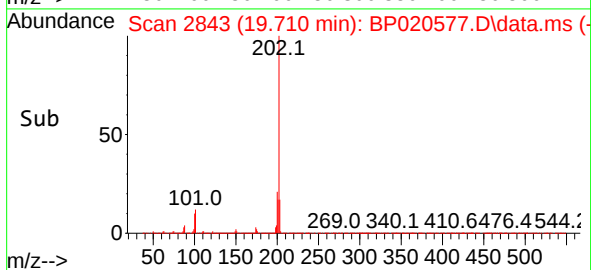
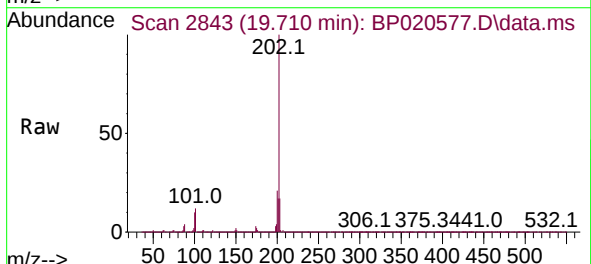
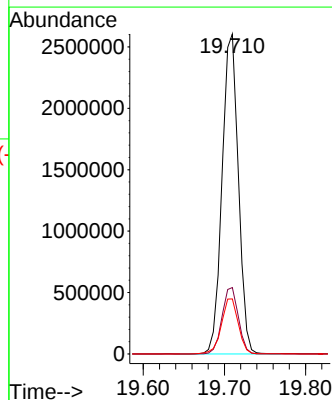
APPROVED

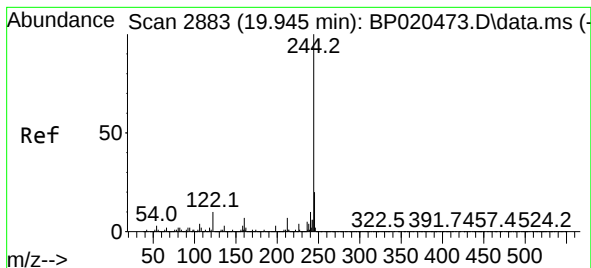
Reviewed By :Jagrut Upadhyay 06/11/2024  
Supervised By :mohammad ahmed 06/13/2024



#78  
Pyrene  
Concen: 37.887 ng  
RT: 19.710 min Scan# 2843  
Delta R.T. -0.006 min  
Lab File: BP020577.D  
Acq: 10 Jun 2024 14:45

Tgt Ion:202 Resp: 3636769  
Ion Ratio Lower Upper  
202 100  
200 20.8 16.9 25.3  
203 17.2 14.1 21.1





#79

Terphenyl-d14

Concen: 70.855 ng

RT: 19.933 min Scan# 21

Delta R.T. -0.012 min

Lab File: BP020577.D

Acq: 10 Jun 2024 14:45

Instrument :

BNA\_P

ClientSampleId :

WCS-TPAMS

Tgt Ion:244 Resp: 543166

Ion Ratio Lower Upper

244 100

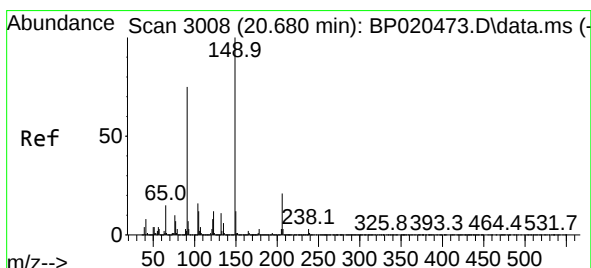
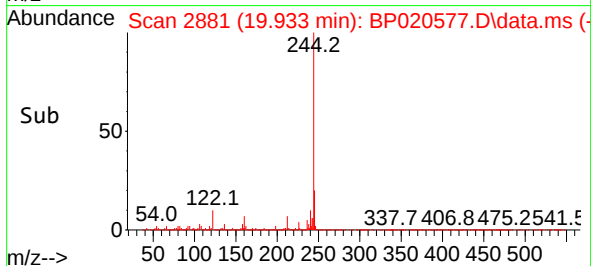
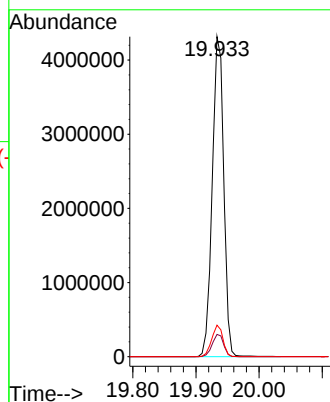
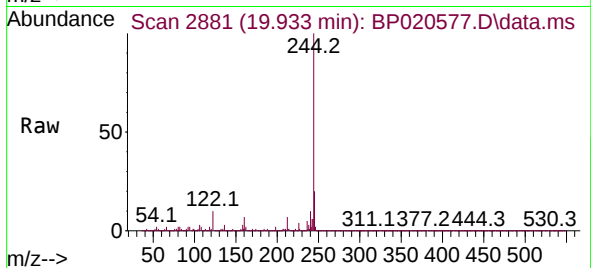
212 7.0 5.8 8.8

122 9.9 8.2 12.2

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 06/11/2024  
Supervised By :mohammad ahmed 06/13/2024



#80

Butylbenzylphthalate

Concen: 40.937 ng

RT: 20.674 min Scan# 3007

Delta R.T. -0.006 min

Lab File: BP020577.D

Acq: 10 Jun 2024 14:45

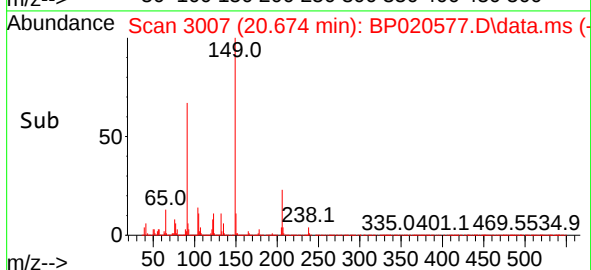
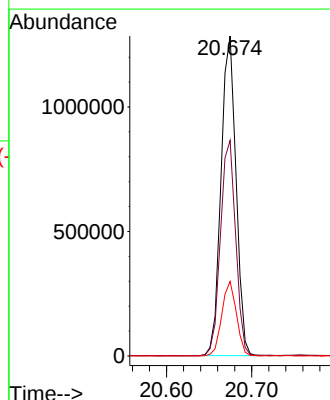
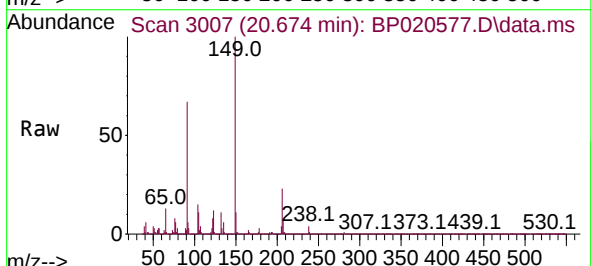
Tgt Ion:149 Resp: 1567951

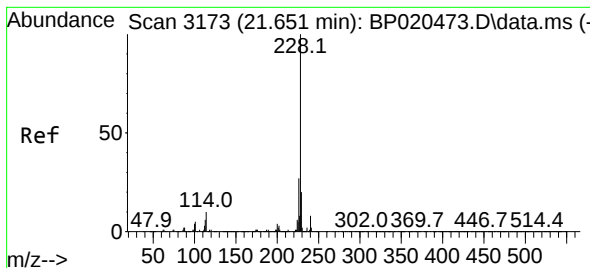
Ion Ratio Lower Upper

149 100

91 67.3 60.0 90.0

206 23.3 16.6 25.0





#81

Benzo(a)anthracene

Concen: 44.843 ng

RT: 21.633 min Scan# 3170

Delta R.T. -0.018 min

Lab File: BP020577.D

Acq: 10 Jun 2024 14:45

Instrument :

BNA\_P

ClientSampleId :

WCS-TPAMS

Tgt Ion:228 Resp: 3768060

Ion Ratio Lower Upper

228 100

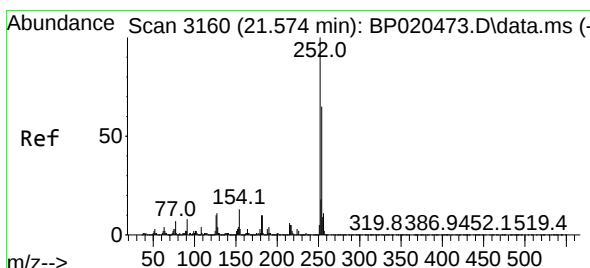
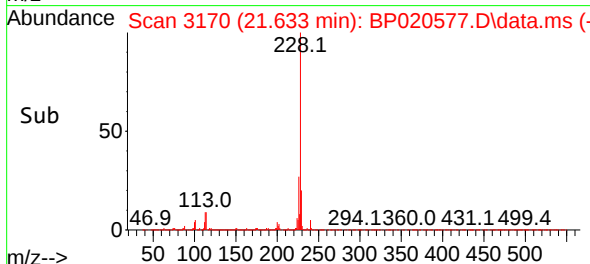
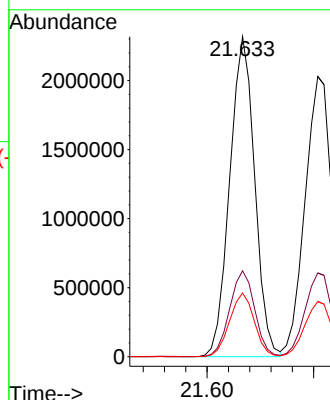
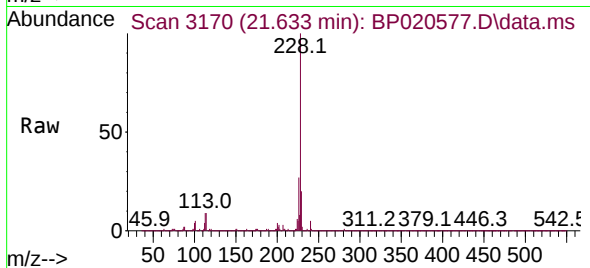
226 26.8 21.7 32.5

229 19.9 15.8 23.6

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 06/11/2024  
Supervised By :mohammad ahmed 06/13/2024



#82

3,3'-Dichlorobenzidine

Concen: 11.265 ng

RT: 21.563 min Scan# 3158

Delta R.T. -0.011 min

Lab File: BP020577.D

Acq: 10 Jun 2024 14:45

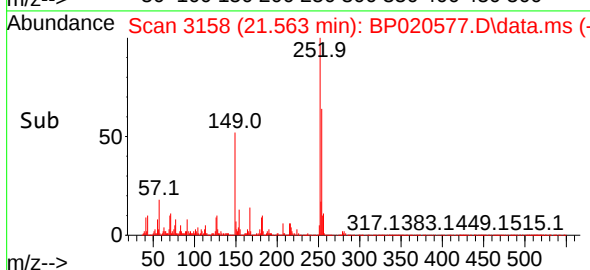
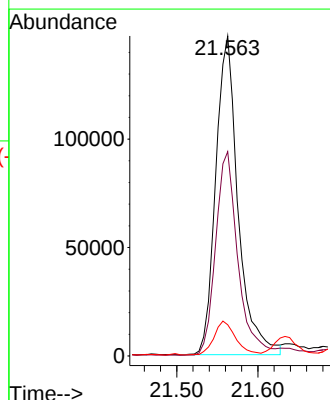
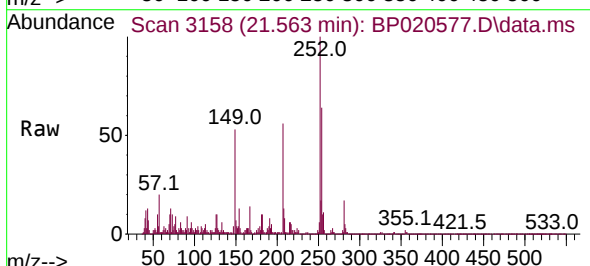
Tgt Ion:252 Resp: 281381

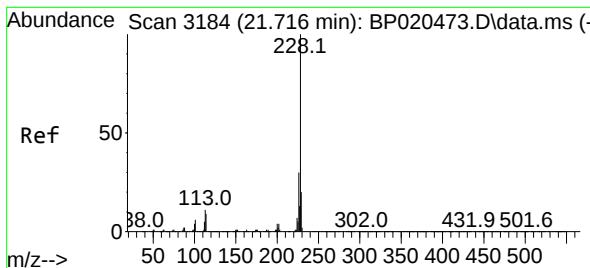
Ion Ratio Lower Upper

252 100

254 63.8 51.7 77.5

126 9.8 8.3 12.5





#83

Chrysene

Concen: 45.119 ng

RT: 21.704 min Scan# 3184

Delta R.T. -0.012 min

Lab File: BP020577.D

Acq: 10 Jun 2024 14:45

Instrument :

BNA\_P

ClientSampleId :

WCS-TPAMS

Tgt Ion:228 Resp: 3572440

Ion Ratio Lower Upper

228 100

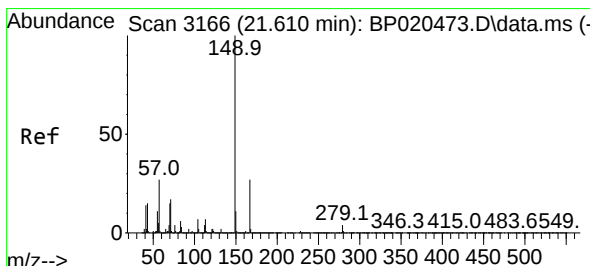
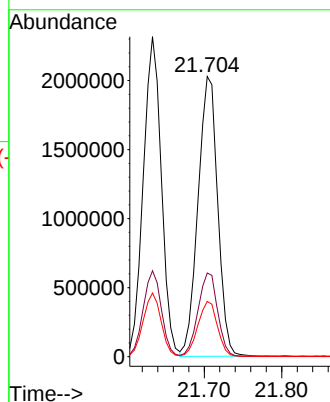
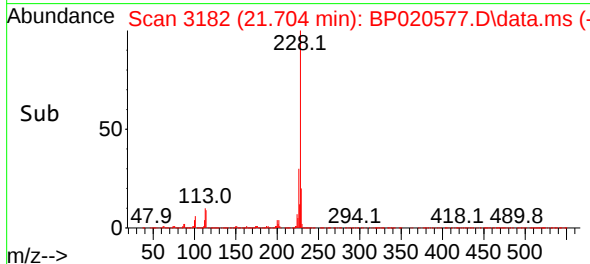
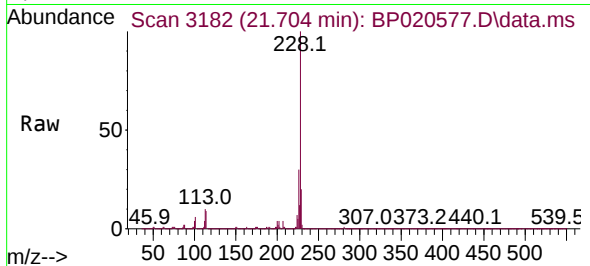
226 29.8 24.0 36.0

229 19.7 15.7 23.5

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 06/11/2024  
Supervised By :mohammad ahmed 06/13/2024



#84

Bis(2-ethylhexyl)phthalate

Concen: 42.071 ng

RT: 21.586 min Scan# 3162

Delta R.T. -0.024 min

Lab File: BP020577.D

Acq: 10 Jun 2024 14:45

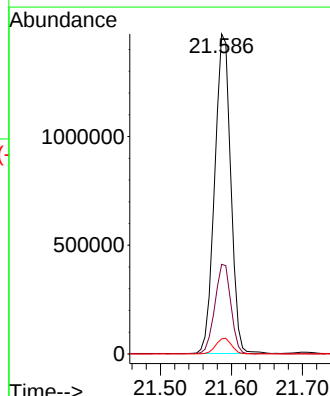
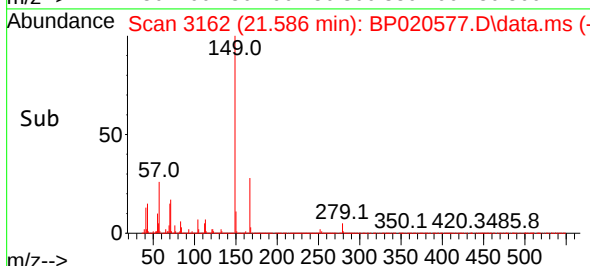
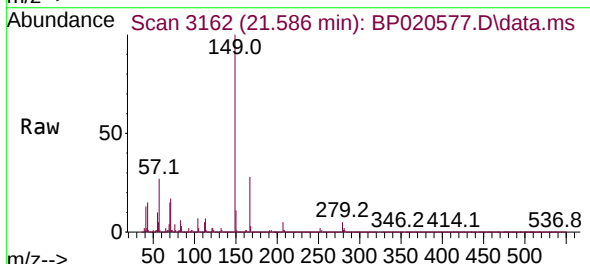
Tgt Ion:149 Resp: 2298364

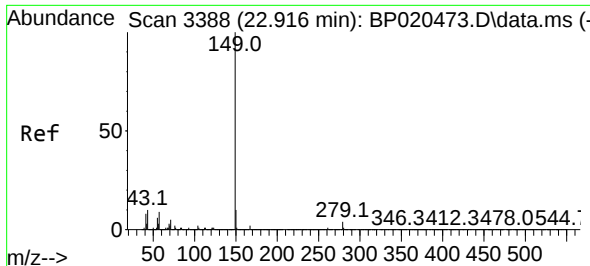
Ion Ratio Lower Upper

149 100

167 28.0 21.8 32.6

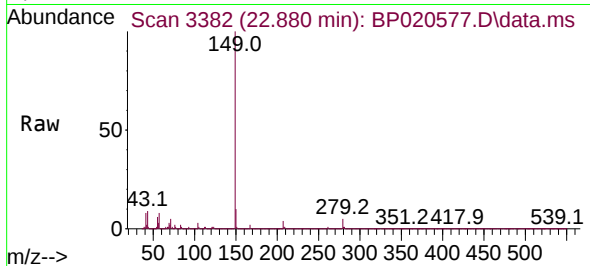
279 4.7 3.4 5.0





#85  
Di-n-octyl phthalate  
Concen: 51.518 ng  
RT: 22.880 min Scan# 31  
Delta R.T. -0.036 min  
Lab File: BP020577.D  
Acq: 10 Jun 2024 14:45

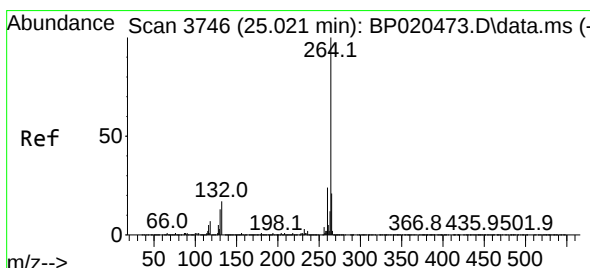
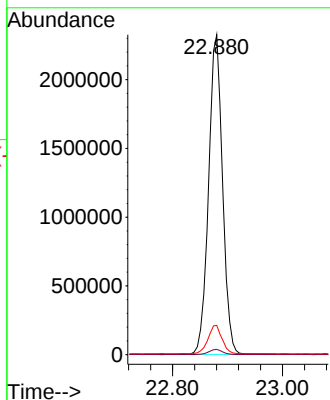
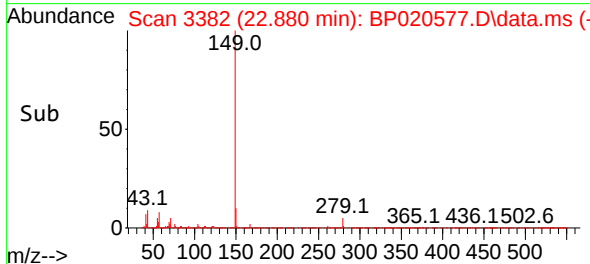
Instrument :  
BNA\_P  
ClientSampleId :  
WCS-TPAMS



Tgt Ion:149 Resp: 4090660  
Ion Ratio Lower Upper  
149 100  
167 1.6 1.3 1.9  
43 8.9 8.2 12.2

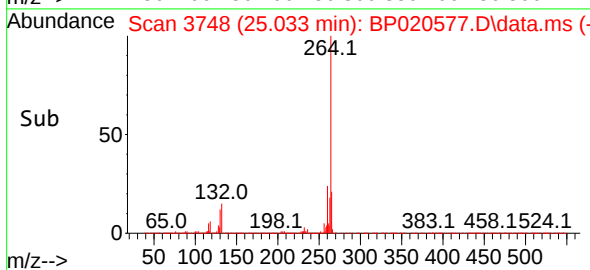
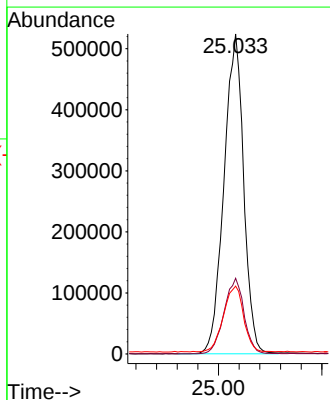
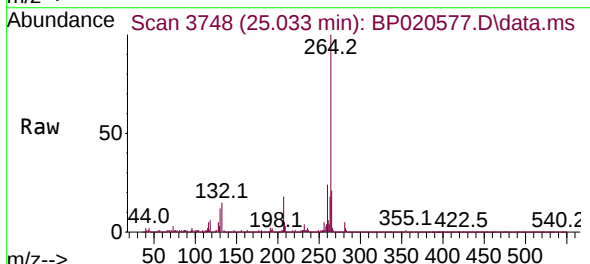
Manual Integrations  
APPROVED

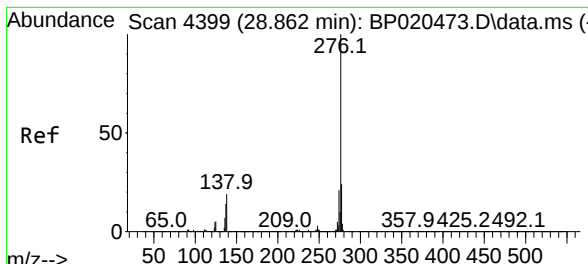
Reviewed By :Jagrut Upadhyay 06/11/2024  
Supervised By :mohammad ahmed 06/13/2024



#86  
Perylene-d12  
Concen: 20.000 ng  
RT: 25.033 min Scan# 3748  
Delta R.T. 0.012 min  
Lab File: BP020577.D  
Acq: 10 Jun 2024 14:45

Tgt Ion:264 Resp: 1382894  
Ion Ratio Lower Upper  
264 100  
260 23.6 18.9 28.3  
265 21.2 17.4 26.0





#87  
 Indeno(1,2,3-cd)pyrene  
 Concen: 56.755 ng m  
 RT: 28.856 min Scan# 4399  
 Delta R.T. -0.006 min  
 Lab File: BP020577.D  
 Acq: 10 Jun 2024 14:45

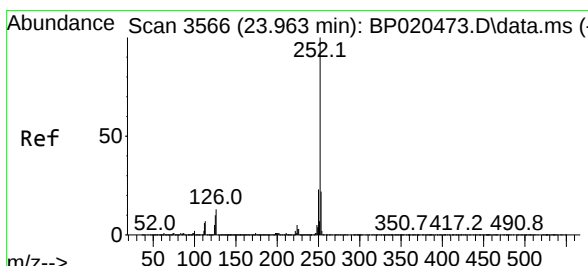
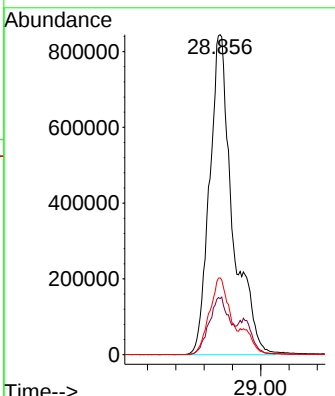
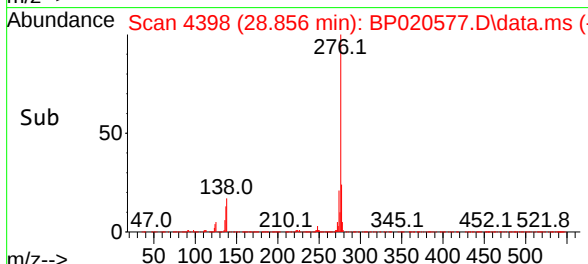
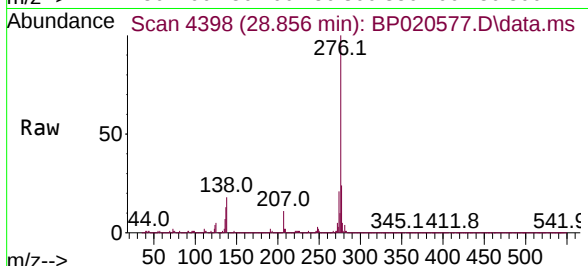
Instrument : BNA\_P  
 ClientSampleId : WCS-TPAMS

Tgt Ion: 276 Resp: 477271

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 276 | 100   |       |       |
| 138 | 15.8  | 12.8  | 19.2  |
| 277 | 21.0  | 15.6  | 23.4  |

Manual Integrations  
 APPROVED

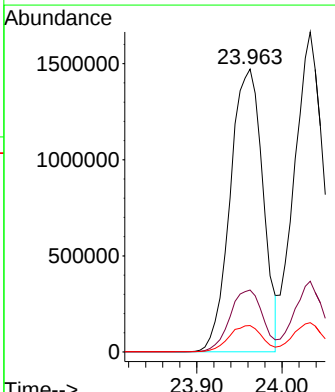
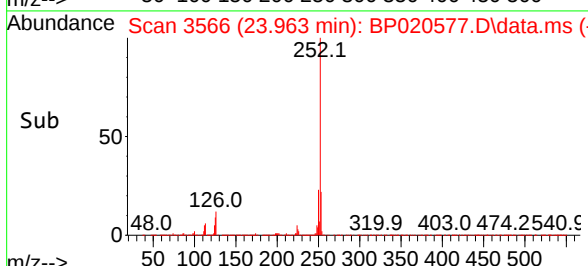
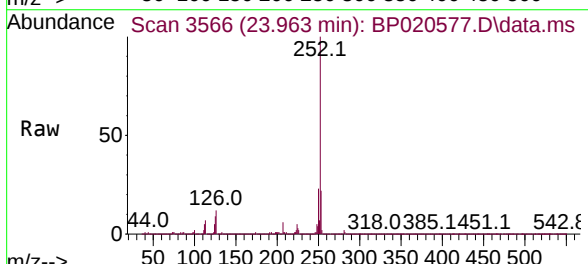
Reviewed By :Jagrut Upadhyay 06/11/2024  
 Supervised By :mohammad ahmed 06/13/2024

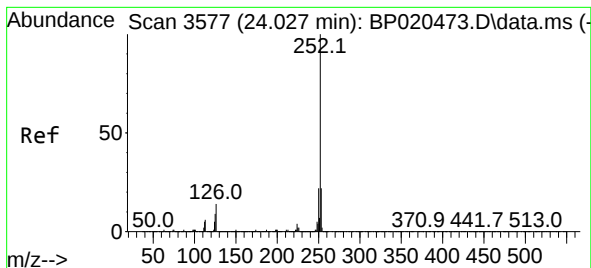


#88  
 Benzo(b)fluoranthene  
 Concen: 45.504 ng  
 RT: 23.963 min Scan# 3566  
 Delta R.T. 0.000 min  
 Lab File: BP020577.D  
 Acq: 10 Jun 2024 14:45

Tgt Ion: 252 Resp: 3920242

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 252 | 100   |       |       |
| 253 | 21.9  | 17.6  | 26.4  |
| 125 | 9.4   | 8.0   | 12.0  |





#89

Benzo(k)fluoranthene

Concen: 46.947 ng

RT: 24.033 min Scan# 3

Delta R.T. 0.006 min

Lab File: BP020577.D

Acq: 10 Jun 2024 14:45

Instrument :

BNA\_P

ClientSampleId :

WCS-TPAMS

Tgt Ion:252 Resp: 394481

Ion Ratio Lower Upper

252 100

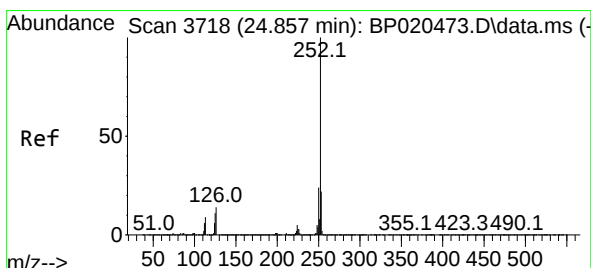
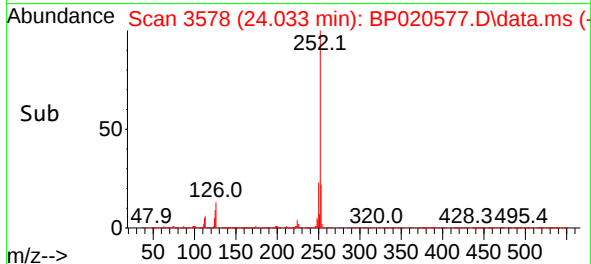
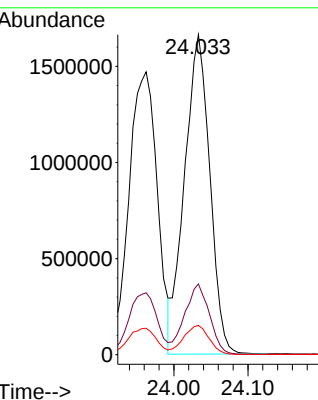
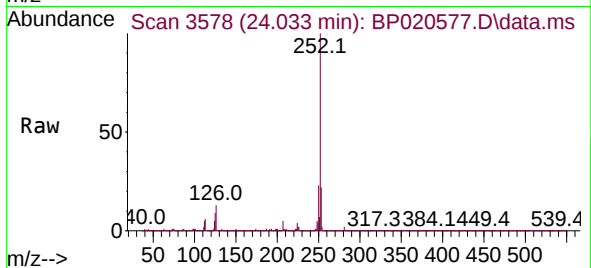
253 22.1 17.7 26.5

125 9.2 7.8 11.6

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 06/11/2024  
Supervised By :mohammad ahmed 06/13/2024



#90

Benzo(a)pyrene

Concen: 51.426 ng

RT: 24.874 min Scan# 3721

Delta R.T. 0.018 min

Lab File: BP020577.D

Acq: 10 Jun 2024 14:45

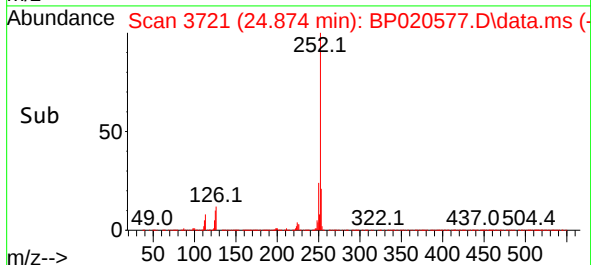
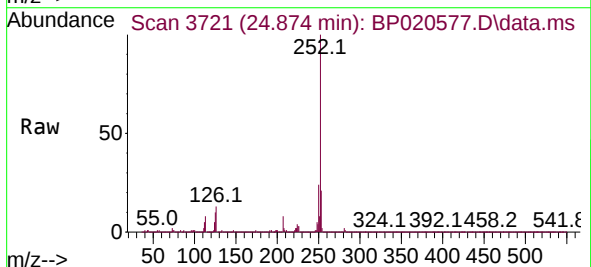
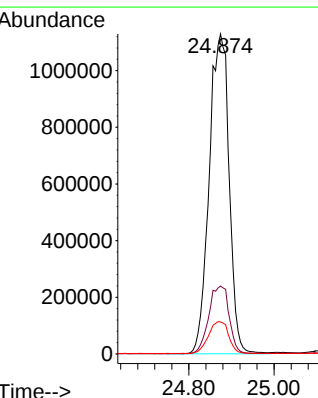
Tgt Ion:252 Resp: 3669177

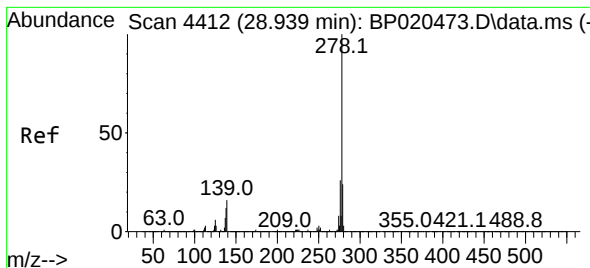
Ion Ratio Lower Upper

252 100

253 21.2 17.4 26.2

125 10.0 8.9 13.3





#91

Dibenzo(a,h)anthracene

Concen: 56.273 ng

RT: 28.939 min Scan# 4412

Delta R.T. 0.000 min

Lab File: BP020577.D

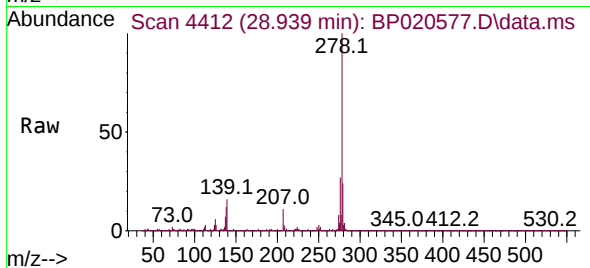
Acq: 10 Jun 2024 14:45

Instrument :

BNA\_P

ClientSampleId :

WCS-TPAMS



Tgt Ion:278 Resp: 394705

Ion Ratio Lower Upper

278 100

139 16.5 13.0 19.4

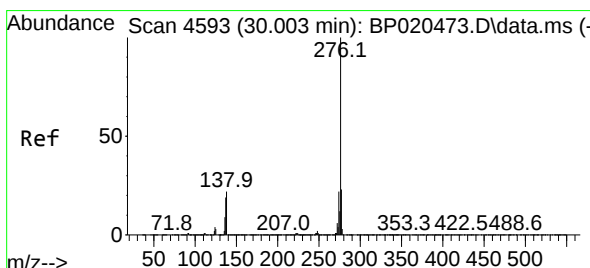
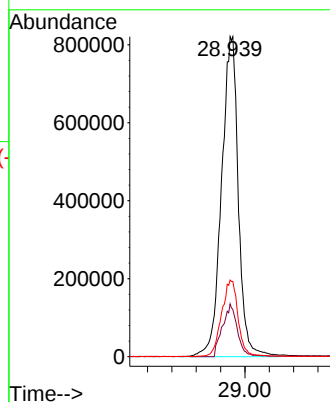
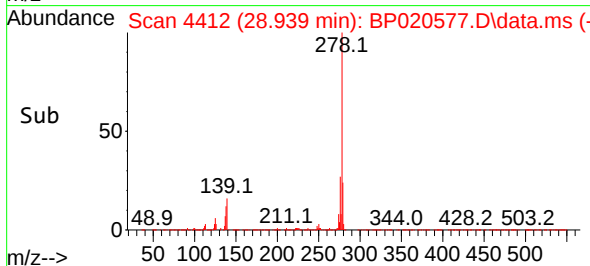
279 24.0 19.2 28.8

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 06/11/2024

Supervised By :mohammad ahmed 06/13/2024



#92

Benzo(g,h,i)perylene

Concen: 51.753 ng

RT: 30.045 min Scan# 4600

Delta R.T. 0.041 min

Lab File: BP020577.D

Acq: 10 Jun 2024 14:45

Tgt Ion:276 Resp: 3628327

Ion Ratio Lower Upper

276 100

277 23.8 18.7 28.1

138 19.1 17.7 26.5

