

Data Path : Z:\svoasrv\HPCHEM1\BNA\_P\Data\BP061024\  
 Data File : BP020581.D  
 Acq On : 10 Jun 2024 17:39  
 Operator : MA/JU  
 Sample : P2784-04MS  
 Misc :  
 ALS Vial : 12 Sample Multiplier: 1

Instrument :  
 BNA\_P  
 ClientSampleId :  
 WCS-TPDMS

Manual Integrations  
 APPROVED

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

Quant Time: Jun 10 18:21:56 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     | 7.752  | 152  | 207045   | 20.000  | ng    | -0.02    |
| 21) Naphthalene-d8            | 10.522 | 136  | 809813   | 20.000  | ng    | -0.01    |
| 39) Acenaphthene-d10          | 14.393 | 164  | 527940   | 20.000  | ng    | 0.00     |
| 64) Phenanthrene-d10          | 17.204 | 188  | 1143710  | 20.000  | ng    | 0.00     |
| 76) Chrysene-d12              | 21.663 | 240  | 1129557  | 20.000  | ng    | 0.00     |
| 86) Perylene-d12              | 25.039 | 264  | 1324346  | 20.000  | ng    | 0.02     |
|                               |        |      |          |         |       |          |
| System Monitoring Compounds   |        |      |          |         |       |          |
| 5) 2-Fluorophenol             | 5.375  | 112  | 1658270  | 143.401 | ng    | 0.00     |
| 7) Phenol-d6                  | 6.934  | 99   | 2012681  | 123.417 | ng    | 0.00     |
| 23) Nitrobenzene-d5           | 8.905  | 82   | 1414431  | 95.610  | ng    | -0.02    |
| 42) 2,4,6-Tribromophenol      | 15.910 | 330  | 1013700  | 185.016 | ng    | 0.00     |
| 45) 2-Fluorobiphenyl          | 12.993 | 172  | 3276210  | 92.509  | ng    | -0.01    |
| 79) Terphenyl-d14             | 19.945 | 244  | 5613933  | 82.737  | ng    | 0.00     |
|                               |        |      |          |         |       |          |
| Target Compounds              |        |      |          |         |       | Qvalue   |
| 2) 1,4-Dioxane                | 3.328  | 88   | 191463   | 40.977  | ng    | # 43     |
| 3) Pyridine                   | 3.728  | 79   | 427936   | 32.574  | ng    | 94       |
| 4) n-Nitrosodimethylamine     | 3.628  | 42   | 258961   | 40.584  | ng    | 94       |
| 6) Aniline                    | 7.099  | 93   | 209512   | 12.679  | ng    | 99       |
| 8) 2-Chlorophenol             | 7.328  | 128  | 643824   | 49.666  | ng    | 96       |
| 9) Benzaldehyde               | 6.916  | 77   | 55348m   | 5.291   | ng    |          |
| 10) Phenol                    | 6.964  | 94   | 717886   | 42.976  | ng    | 99       |
| 11) bis(2-Chloroethyl)ether   | 7.193  | 93   | 601769   | 43.682  | ng    | 96       |
| 12) 1,3-Dichlorobenzene       | 7.646  | 146  | 690147   | 45.188  | ng    | 98       |
| 13) 1,4-Dichlorobenzene       | 7.793  | 146  | 711693   | 45.847  | ng    | 98       |
| 14) 1,2-Dichlorobenzene       | 8.099  | 146  | 678535   | 45.293  | ng    | 99       |
| 15) Benzyl Alcohol            | 7.999  | 79   | 570437   | 47.355  | ng    | 99       |
| 16) 2,2'-oxybis(1-Chloropr... | 8.269  | 45   | 824227   | 40.075  | ng    | 98       |
| 17) 2-Methylphenol            | 8.199  | 107  | 537442   | 47.411  | ng    | 99       |
| 18) Hexachloroethane          | 8.822  | 117  | 258559   | 45.615  | ng    | 93       |
| 19) n-Nitroso-di-n-propyla... | 8.558  | 70   | 472968   | 42.484  | ng    | 97       |
| 20) 3+4-Methylphenols         | 8.522  | 107  | 724370   | 46.981  | ng    | 98       |
| 22) Acetophenone              | 8.575  | 105  | 955110   | 47.515  | ng    | 99       |
| 24) Nitrobenzene              | 8.952  | 77   | 688905   | 45.884  | ng    | 97       |
| 25) Isophorone                | 9.469  | 82   | 1315233  | 45.758  | ng    | 99       |
| 26) 2-Nitrophenol             | 9.652  | 139  | 334234   | 55.622  | ng    | 96       |
| 27) 2,4-Dimethylphenol        | 9.710  | 122  | 458100   | 52.754  | ng    | 98       |
| 28) bis(2-Chloroethoxy)met... | 9.946  | 93   | 810357   | 45.869  | ng    | 99       |
| 29) 2,4-Dichlorophenol        | 10.175 | 162  | 630065   | 54.083  | ng    | 97       |
| 30) 1,2,4-Trichlorobenzene    | 10.393 | 180  | 668109   | 48.307  | ng    | 96       |
| 31) Naphthalene               | 10.575 | 128  | 1957756  | 47.290  | ng    | 100      |
| 32) Benzoic acid              | 9.852  | 122  | 357676   | 44.018  | ng    | 97       |
| 33) 4-Chloroaniline           | 10.693 | 127  | 61873    | 3.864   | ng    | 98       |
| 34) Hexachlorobutadiene       | 10.852 | 225  | 418293   | 48.013  | ng    | 98       |
| 35) Caprolactam               | 11.504 | 113  | 194058   | 45.455  | ng    | 88       |
| 36) 4-Chloro-3-methylphenol   | 11.822 | 107  | 680426   | 49.885  | ng    | 98       |
| 37) 2-Methylnaphthalene       | 12.199 | 142  | 1381806  | 46.581  | ng    | 99       |
| 38) 1-Methylnaphthalene       | 12.410 | 142  | 1279833  | 43.522  | ng    | 98       |
| 40) 1,2,4,5-Tetrachloroben... | 12.563 | 216  | 759948   | 49.751  | ng    | 99       |
| 41) Hexachlorocyclopentadiene | 12.540 | 237  | 861724   | 160.519 | ng    | 99       |
| 43) 2,4,6-Trichlorophenol     | 12.810 | 196  | 524020   | 56.753  | ng    | 99       |

Data Path : Z:\svoasrv\HPCHEM1\BNA\_P\Data\BP061024\  
 Data File : BP020581.D  
 Acq On : 10 Jun 2024 17:39  
 Operator : MA/JU  
 Sample : P2784-04MS  
 Misc :  
 ALS Vial : 12 Sample Multiplier: 1

## Instrument :

BNA\_P

## ClientSampleId :

WCS-TPDMS

## Manual Integrations

## APPROVED

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

Quant Time: Jun 10 18:21:56 2024

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

Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

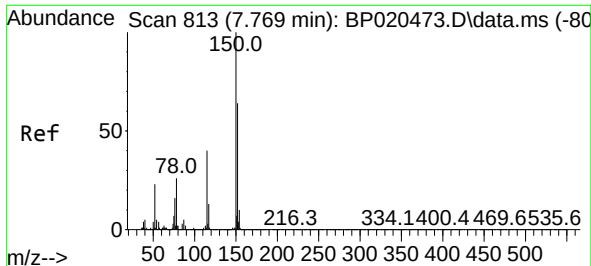
QLast Update : Thu May 30 03:41:03 2024

Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc    | Units | Dev(Min) |
|-------------------------------|--------|------|----------|---------|-------|----------|
| 44) 2,4,5-Trichlorophenol     | 12.887 | 196  | 574517   | 53.934  | ng    | 96       |
| 46) 1,1'-Biphenyl             | 13.216 | 154  | 1826871  | 49.032  | ng    | 99       |
| 47) 2-Chloronaphthalene       | 13.257 | 162  | 1408356  | 47.548  | ng    | 99       |
| 48) 2-Nitroaniline            | 13.463 | 65   | 423383   | 52.752  | ng    | 97       |
| 49) Acenaphthylene            | 14.104 | 152  | 2328058  | 52.970  | ng    | 99       |
| 50) Dimethylphthalate         | 13.846 | 163  | 1842921  | 49.522  | ng    | 100      |
| 51) 2,6-Dinitrotoluene        | 13.969 | 165  | 403966   | 50.786  | ng    | 95       |
| 52) Acenaphthene              | 14.451 | 154  | 1298574  | 46.840  | ng    | 99       |
| 53) 3-Nitroaniline            | 14.298 | 138  | 140255   | 17.579  | ng    | 98       |
| 54) 2,4-Dinitrophenol         | 14.504 | 184  | 415880   | 104.807 | ng    | 95       |
| 55) Dibenzofuran              | 14.798 | 168  | 2183249  | 49.713  | ng    | 98       |
| 56) 4-Nitrophenol             | 14.616 | 139  | 673379   | 109.103 | ng    | 92       |
| 57) 2,4-Dinitrotoluene        | 14.769 | 165  | 567107   | 54.250  | ng    | 93       |
| 58) Fluorene                  | 15.457 | 166  | 1701515  | 48.262  | ng    | 100      |
| 59) 2,3,4,6-Tetrachlorophenol | 15.022 | 232  | 513332   | 58.886  | ng    | 96       |
| 60) Diethylphthalate          | 15.234 | 149  | 1784511  | 47.173  | ng    | 100      |
| 61) 4-Chlorophenyl-phenyle... | 15.451 | 204  | 884605   | 48.623  | ng    | 99       |
| 62) 4-Nitroaniline            | 15.481 | 138  | 384781   | 46.816  | ng    | 97       |
| 63) Azobenzene                | 15.757 | 77   | 1629653  | 46.135  | ng    | 95       |
| 65) 4,6-Dinitro-2-methylph... | 15.540 | 198  | 301661   | 57.660  | ng    | 93       |
| 66) n-Nitrosodiphenylamine    | 15.675 | 169  | 1430467  | 45.492  | ng    | 99       |
| 67) 4-Bromophenyl-phenylether | 16.375 | 248  | 586499   | 50.125  | ng    | 96       |
| 68) Hexachlorobenzene         | 16.481 | 284  | 672839   | 48.860  | ng    | 99       |
| 69) Atrazine                  | 16.663 | 200  | 434777   | 39.302  | ng    | 100      |
| 70) Pentachlorophenol         | 16.839 | 266  | 901506   | 107.788 | ng    | 99       |
| 71) Phenanthrene              | 17.245 | 178  | 2816264  | 50.092  | ng    | 100      |
| 72) Anthracene                | 17.345 | 178  | 2834858  | 51.386  | ng    | 100      |
| 73) Carbazole                 | 17.622 | 167  | 2478795  | 46.451  | ng    | 100      |
| 74) Di-n-butylphthalate       | 18.222 | 149  | 3189022  | 49.348  | ng    | 99       |
| 75) Fluoranthene              | 19.339 | 202  | 3407000  | 51.223  | ng    | 99       |
| 77) Benzidine                 | 19.563 | 184  | 95026m   | 8.043   | ng    |          |
| 78) Pyrene                    | 19.722 | 202  | 3578426  | 42.117  | ng    | 100      |
| 80) Butylbenzylphthalate      | 20.675 | 149  | 1518549  | 44.564  | ng    | 92       |
| 81) Benzo(a)anthracene        | 21.645 | 228  | 3662327  | 49.242  | ng    | 99       |
| 82) 3,3'-Dichlorobenzidine    | 21.569 | 252  | 410578   | 18.571  | ng    | 98       |
| 83) Chrysene                  | 21.710 | 228  | 3433236  | 48.989  | ng    | 100      |
| 84) Bis(2-ethylhexyl)phtha... | 21.592 | 149  | 2187967  | 45.249  | ng    | 99       |
| 85) Di-n-octyl phthalate      | 22.886 | 149  | 3927707  | 55.886  | ng    | 96       |
| 87) Indeno(1,2,3-cd)pyrene    | 28.880 | 276  | 4684532m | 58.169  | ng    |          |
| 88) Benzo(b)fluoranthene      | 23.969 | 252  | 3836051  | 46.495  | ng    | 100      |
| 89) Benzo(k)fluoranthene      | 24.045 | 252  | 3829858  | 47.594  | ng    | 98       |
| 90) Benzo(a)pyrene            | 24.880 | 252  | 3610531  | 52.841  | ng    | 98       |
| 91) Dibenzo(a,h)anthracene    | 28.962 | 278  | 3824667  | 56.939  | ng    | 97       |
| 92) Benzo(g,h,i)perylene      | 30.051 | 276  | 3624796  | 53.988  | ng    | 96       |

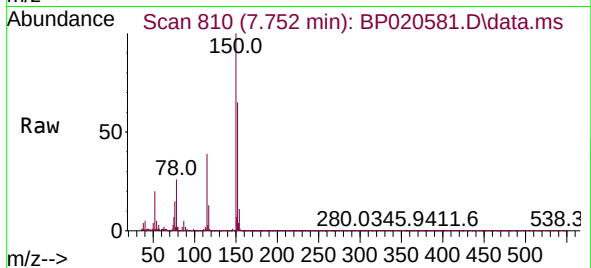
(#) = qualifier out of range (m) = manual integration (+) = signals summed





#1  
1,4-Dichlorobenzene-d4  
Concen: 20.000 ng  
RT: 7.752 min Scan# 81  
Delta R.T. -0.017 min  
Lab File: BP020581.D  
Acq: 10 Jun 2024 17:39

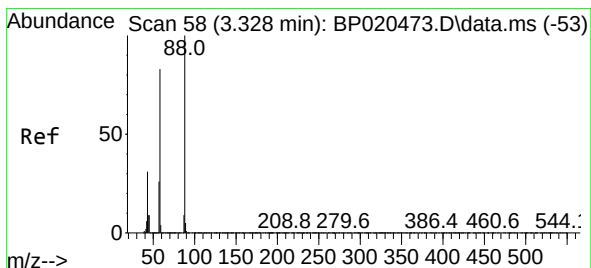
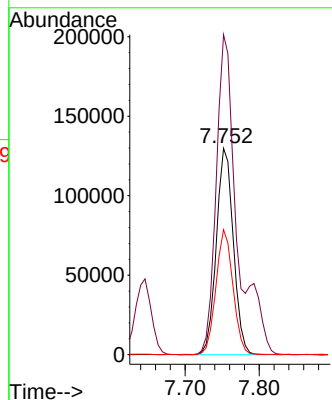
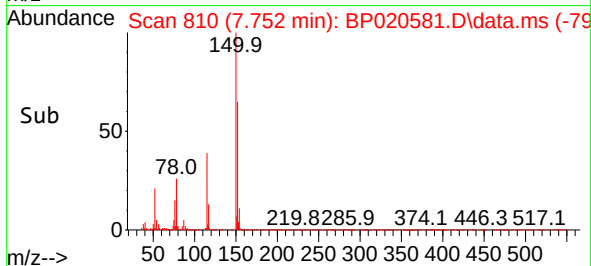
Instrument :  
BNA\_P  
ClientSampleId :  
WCS-TPDMS



Tgt Ion:152 Resp: 20704  
Ion Ratio Lower Upper  
152 100  
150 155.0 124.2 186.2  
115 60.6 49.5 74.3

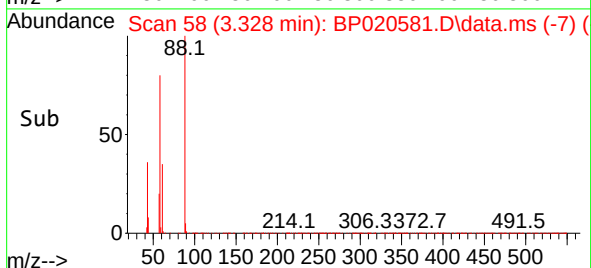
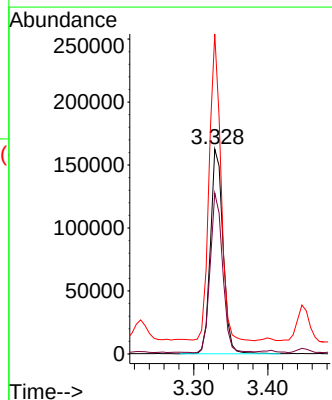
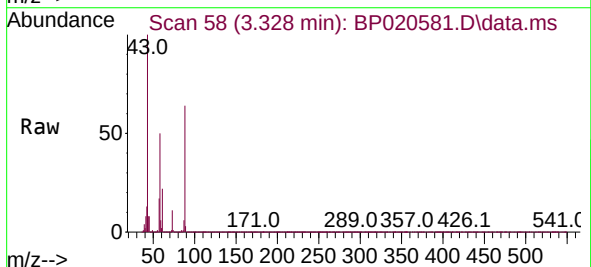
Manual Integrations  
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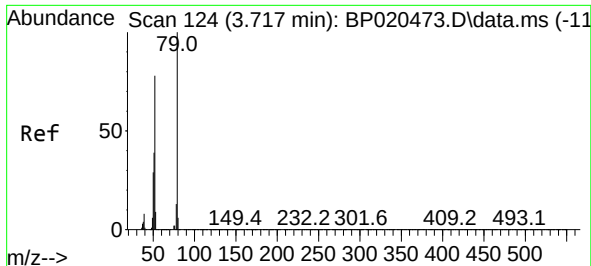
Reviewed By :Jagrut Upadhyay 06/11/2024  
Supervised By :mohammad ahmed 06/13/2024



#2  
1,4-Dioxane  
Concen: 40.977 ng  
RT: 3.328 min Scan# 58  
Delta R.T. 0.000 min  
Lab File: BP020581.D  
Acq: 10 Jun 2024 17:39

Tgt Ion: 88 Resp: 191463  
Ion Ratio Lower Upper  
88 100  
58 77.0 64.6 97.0  
43 138.2 24.5 36.7





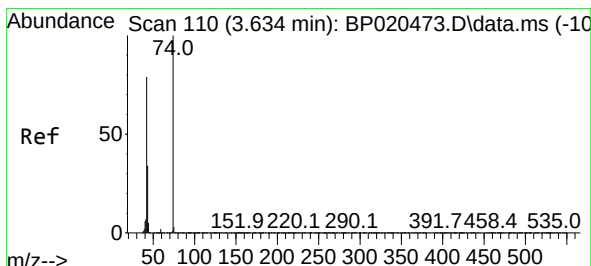
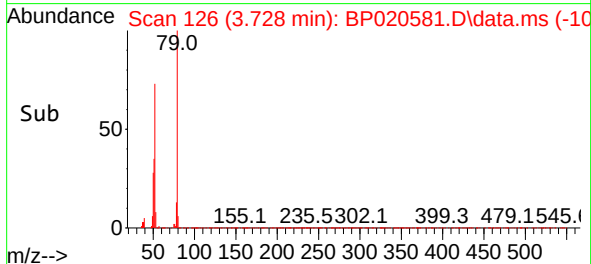
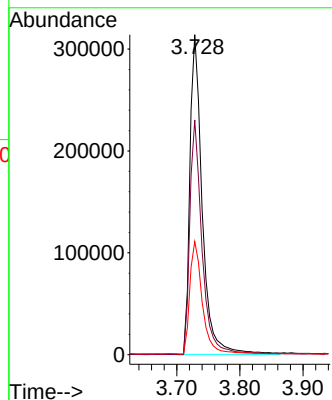
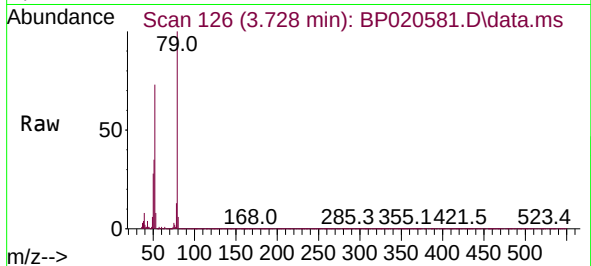
#3  
Pyridine  
Concen: 32.574 ng  
RT: 3.728 min Scan# 110  
Delta R.T. 0.012 min  
Lab File: BP020581.D  
Acq: 10 Jun 2024 17:39

Instrument :  
BNA\_P  
ClientSampleId :  
WCS-TPDMS

Tgt Ion: 79 Resp: 427930  
Ion Ratio Lower Upper  
79 100  
52 73.4 62.6 94.0  
51 35.4 31.0 46.4

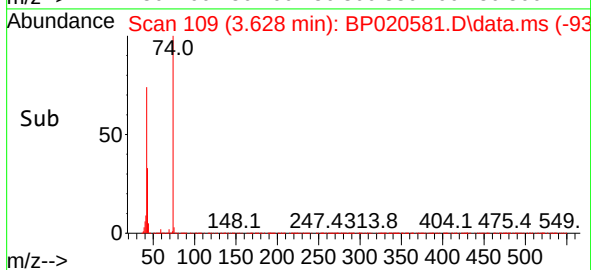
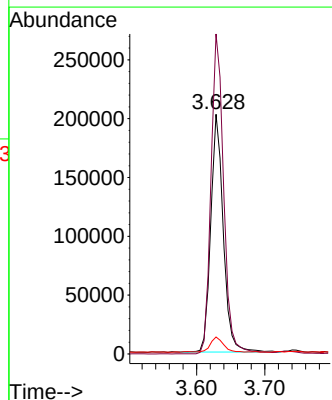
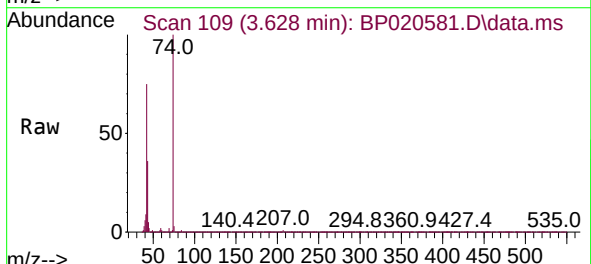
Manual Integrations  
APPROVED

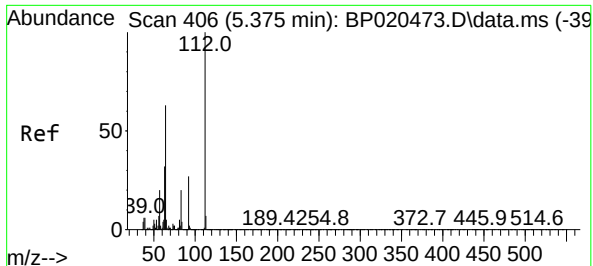
Reviewed By :Jagrut Upadhyay 06/11/2024  
Supervised By :mohammad ahmed 06/13/2024



#4  
n-Nitrosodimethylamine  
Concen: 40.584 ng  
RT: 3.628 min Scan# 109  
Delta R.T. -0.006 min  
Lab File: BP020581.D  
Acq: 10 Jun 2024 17:39

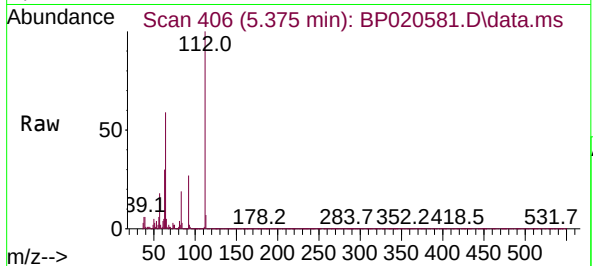
Tgt Ion: 42 Resp: 258961  
Ion Ratio Lower Upper  
42 100  
74 133.5 100.6 151.0  
44 7.1 5.8 8.8





#5  
2-Fluorophenol  
Concen: 143.401 ng  
RT: 5.375 min Scan# 406  
Delta R.T. 0.000 min  
Lab File: BP020581.D  
Acq: 10 Jun 2024 17:39

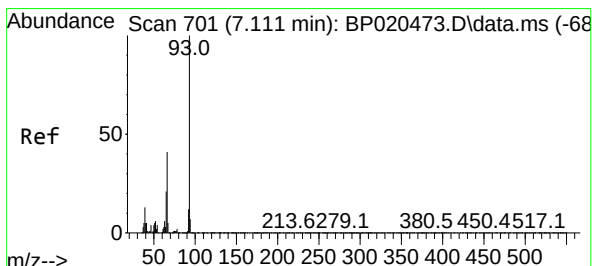
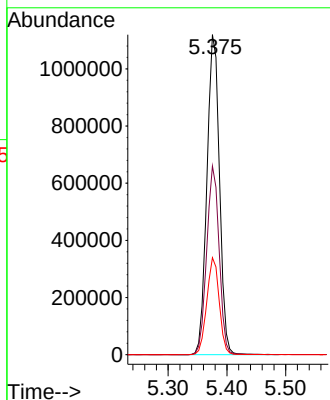
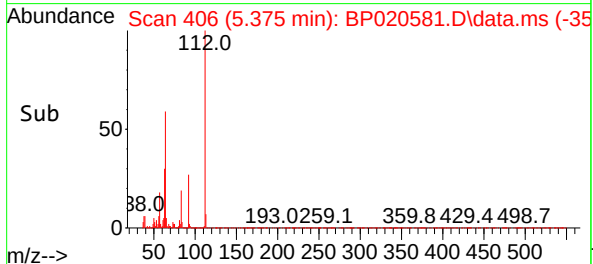
Instrument :  
BNA\_P  
ClientSampleId :  
WCS-TPDMS



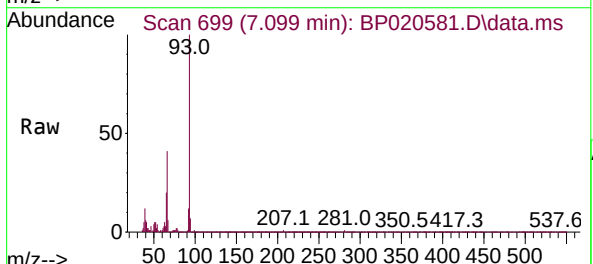
Tgt Ion:112 Resp: 1658270  
Ion Ratio Lower Upper  
112 100  
64 59.0 50.1 75.1  
63 30.3 25.7 38.5

Manual Integrations  
APPROVED

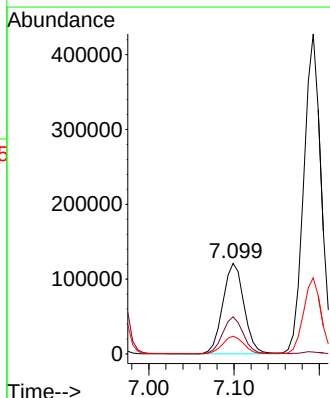
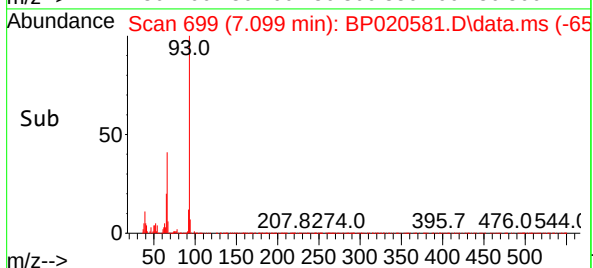
Reviewed By :Jagrut Upadhyay 06/11/2024  
Supervised By :mohammad ahmed 06/13/2024

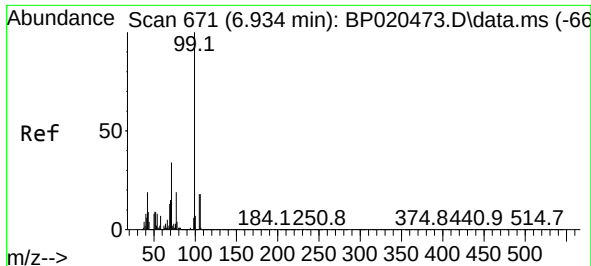


#6  
Aniline  
Concen: 12.679 ng  
RT: 7.099 min Scan# 699  
Delta R.T. -0.012 min  
Lab File: BP020581.D  
Acq: 10 Jun 2024 17:39



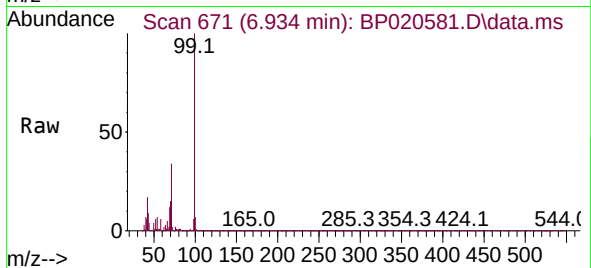
Tgt Ion: 93 Resp: 209512  
Ion Ratio Lower Upper  
93 100  
66 41.0 32.8 49.2  
65 19.7 16.9 25.3





#7  
Phenol-d6  
Concen: 123.417 ng  
RT: 6.934 min Scan# 61  
Delta R.T. 0.000 min  
Lab File: BP020581.D  
Acq: 10 Jun 2024 17:39

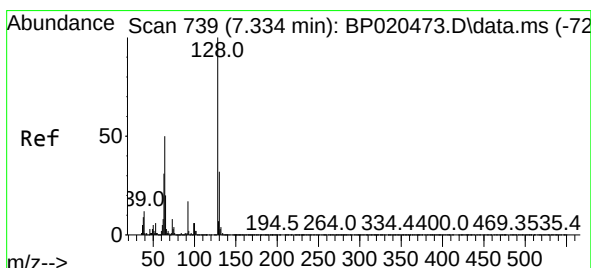
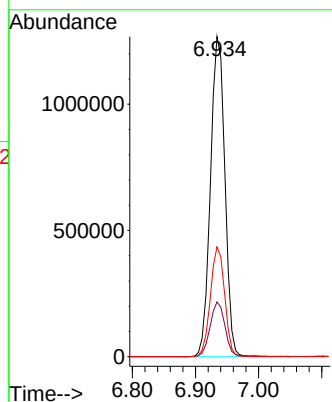
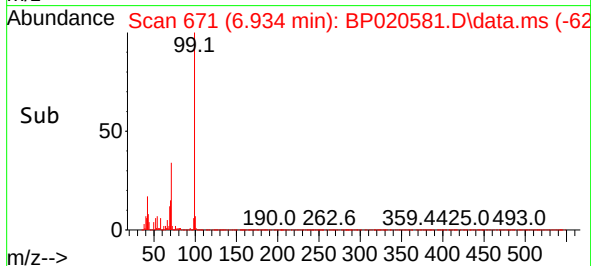
Instrument :  
BNA\_P  
ClientSampleId :  
WCS-TPDMS



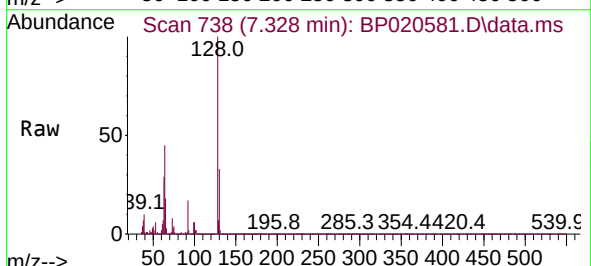
Tgt Ion: 99 Resp: 201268  
Ion Ratio Lower Upper  
99 100  
42 17.1 15.0 22.4  
71 34.3 27.3 40.9

Manual Integrations  
APPROVED

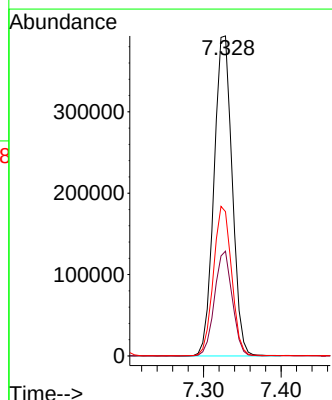
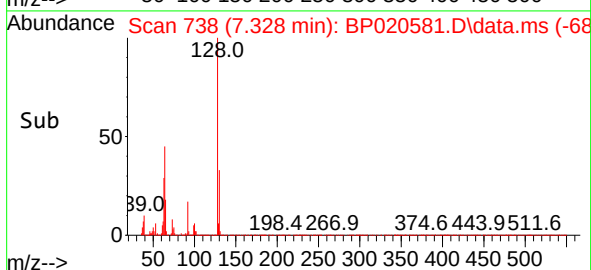
Reviewed By :Jagrut Upadhyay 06/11/2024  
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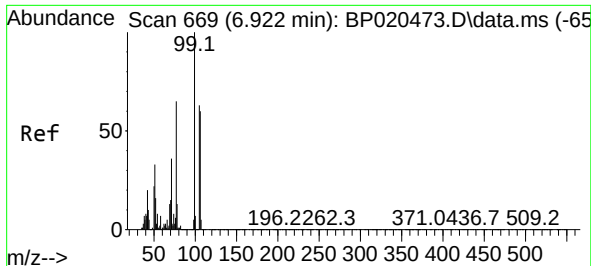


#8  
2-Chlorophenol  
Concen: 49.666 ng  
RT: 7.328 min Scan# 738  
Delta R.T. -0.006 min  
Lab File: BP020581.D  
Acq: 10 Jun 2024 17:39



Tgt Ion:128 Resp: 643824  
Ion Ratio Lower Upper  
128 100  
130 32.8 12.4 52.4  
64 45.1 29.6 69.6





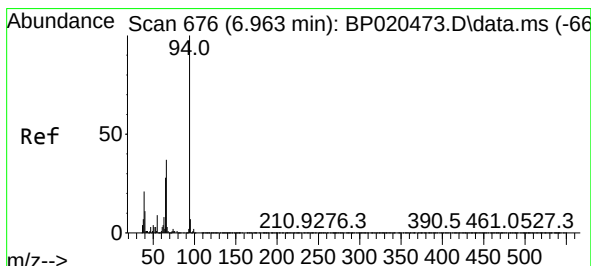
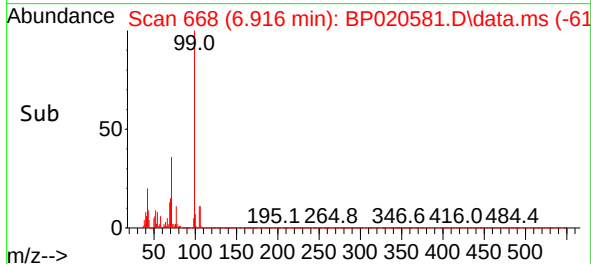
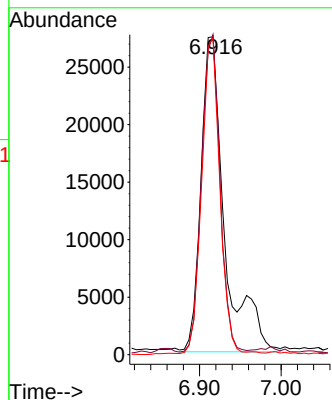
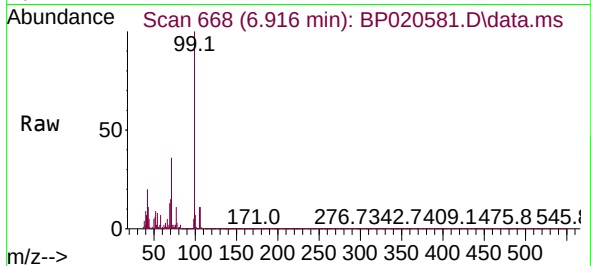
#9  
Benzaldehyde  
Concen: 5.291 ng m  
RT: 6.916 min Scan# 60  
Delta R.T. -0.006 min  
Lab File: BP020581.D  
Acq: 10 Jun 2024 17:39

Instrument :  
BNA\_P  
ClientSampleId :  
WCS-TPDMS

Tgt Ion: 77 Resp: 5534  
Ion Ratio Lower Upper  
77 100  
105 100.6 76.8 116.8  
106 99.5 72.0 112.0

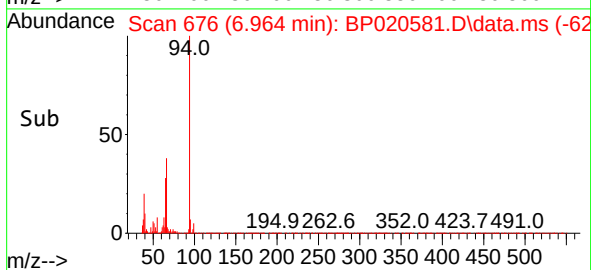
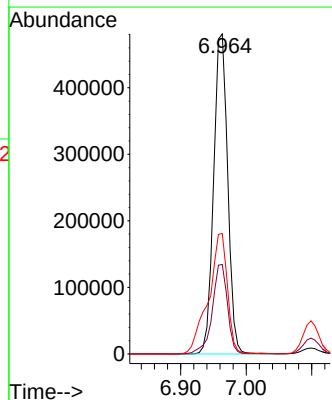
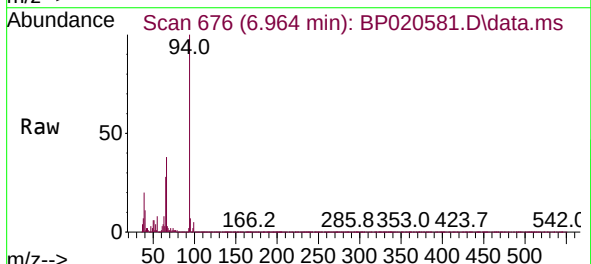
Manual Integrations  
APPROVED

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

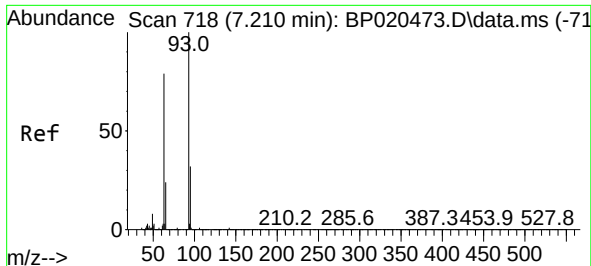


#10  
Phenol  
Concen: 42.976 ng  
RT: 6.964 min Scan# 676  
Delta R.T. 0.000 min  
Lab File: BP020581.D  
Acq: 10 Jun 2024 17:39

Tgt Ion: 94 Resp: 717886  
Ion Ratio Lower Upper  
94 100  
65 28.0 8.2 48.2  
66 37.7 17.2 57.2

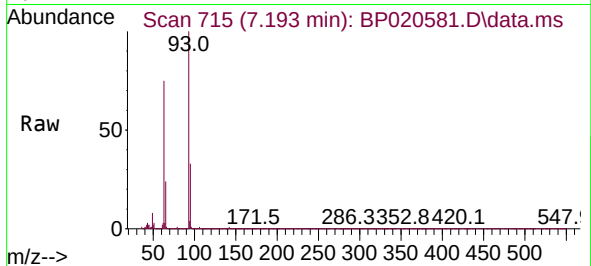






#11  
bis(2-Chloroethyl)ether  
Concen: 43.682 ng  
RT: 7.193 min Scan# 715  
Delta R.T. -0.018 min  
Lab File: BP020581.D  
Acq: 10 Jun 2024 17:39

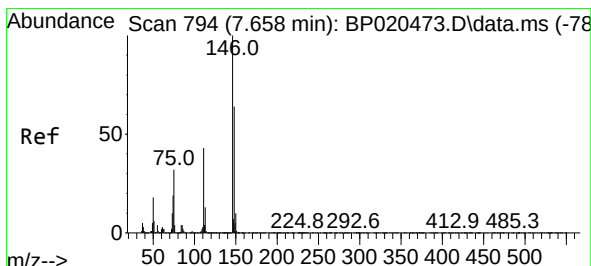
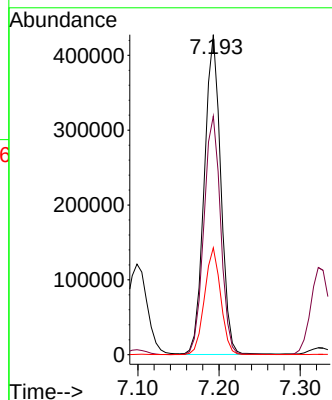
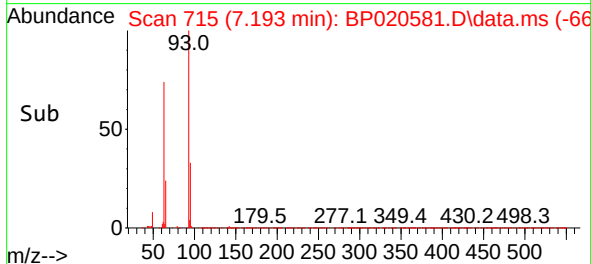
Instrument :  
BNA\_P  
ClientSampleId :  
WCS-TPDMS



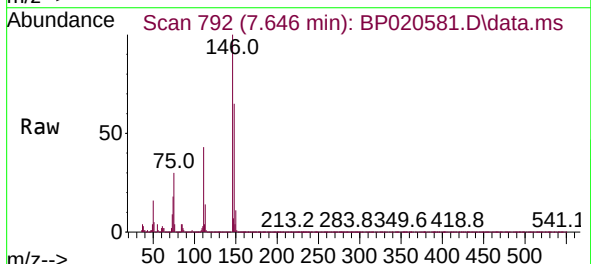
Tgt Ion: 93 Resp: 601769  
Ion Ratio Lower Upper  
93 100  
63 74.6 58.3 98.3  
95 33.4 12.3 52.3

Manual Integrations  
APPROVED

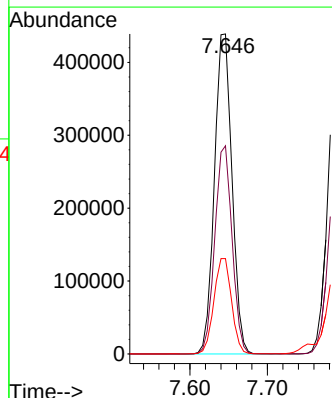
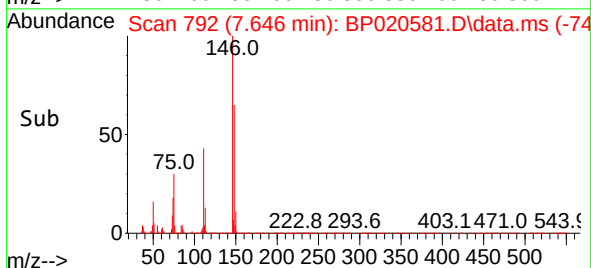
Reviewed By :Jagrut Upadhyay 06/11/2024  
Supervised By :mohammad ahmed 06/13/2024

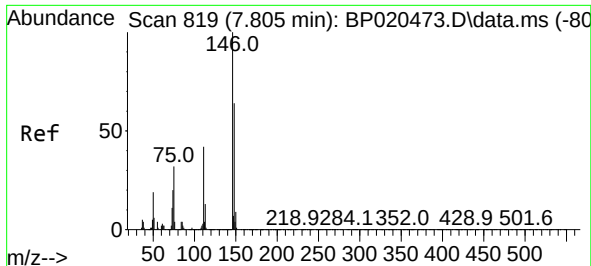


#12  
1,3-Dichlorobenzene  
Concen: 45.188 ng  
RT: 7.646 min Scan# 792  
Delta R.T. -0.012 min  
Lab File: BP020581.D  
Acq: 10 Jun 2024 17:39



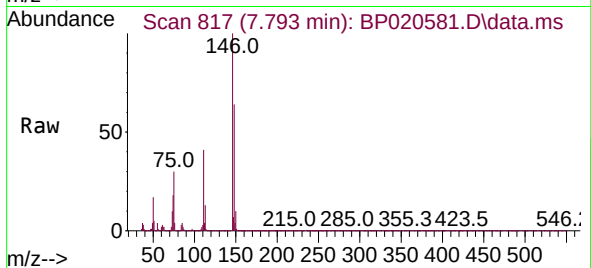
Tgt Ion:146 Resp: 690147  
Ion Ratio Lower Upper  
146 100  
148 65.1 51.2 76.8  
75 29.8 25.3 37.9





#13  
1,4-Dichlorobenzene  
Concen: 45.847 ng  
RT: 7.793 min Scan# 811  
Delta R.T. -0.012 min  
Lab File: BP020581.D  
Acq: 10 Jun 2024 17:39

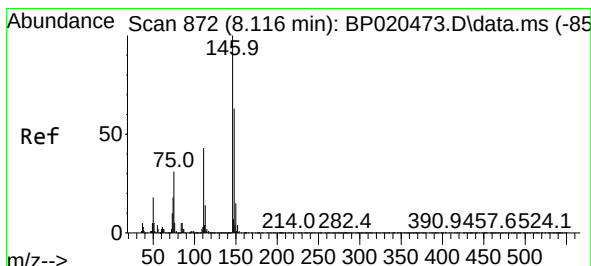
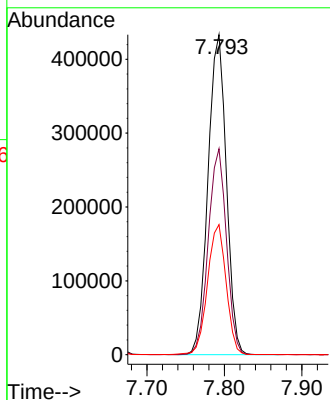
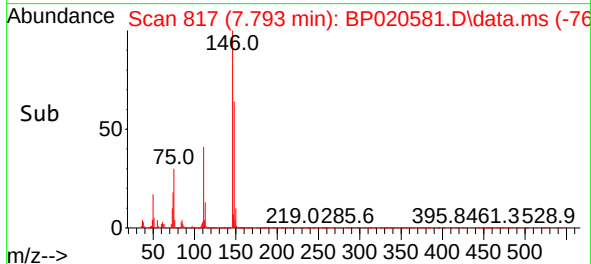
Instrument :  
BNA\_P  
ClientSampleId :  
WCS-TPDMS



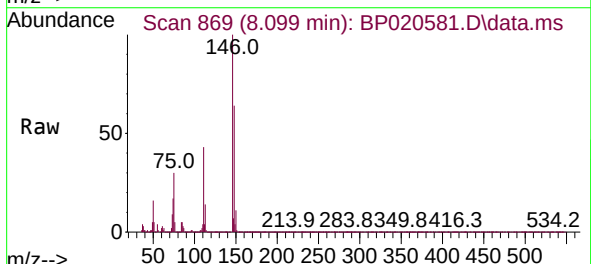
Tgt Ion:146 Resp: 71169  
Ion Ratio Lower Upper  
146 100  
148 64.4 50.8 76.2  
111 40.6 33.8 50.6

Manual Integrations  
APPROVED

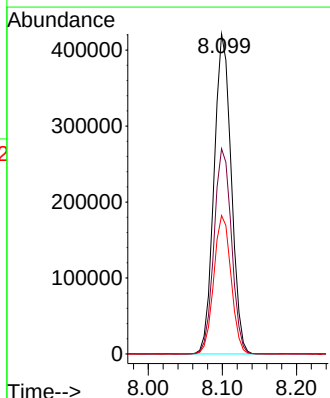
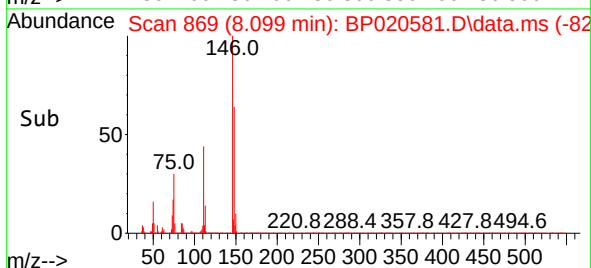
Reviewed By :Jagrut Upadhyay 06/11/2024  
Supervised By :mohammad ahmed 06/13/2024

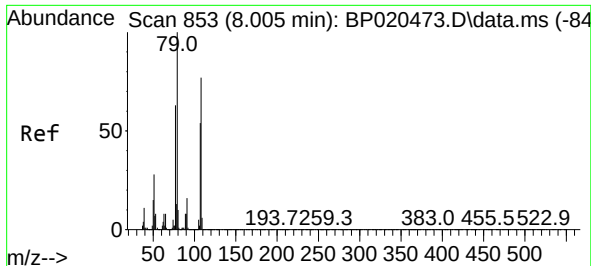


#14  
1,2-Dichlorobenzene  
Concen: 45.293 ng  
RT: 8.099 min Scan# 869  
Delta R.T. -0.018 min  
Lab File: BP020581.D  
Acq: 10 Jun 2024 17:39



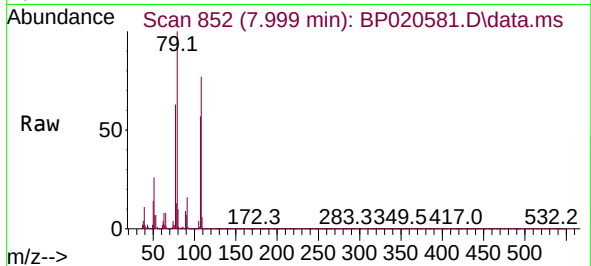
Tgt Ion:146 Resp: 678535  
Ion Ratio Lower Upper  
146 100  
148 64.1 50.1 75.1  
111 43.2 34.4 51.6





#15  
Benzyl Alcohol  
Concen: 47.355 ng  
RT: 7.999 min Scan# 81  
Delta R.T. -0.006 min  
Lab File: BP020581.D  
Acq: 10 Jun 2024 17:39

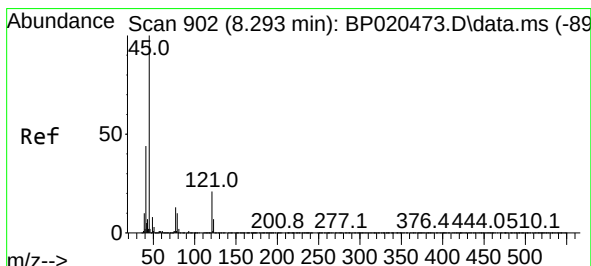
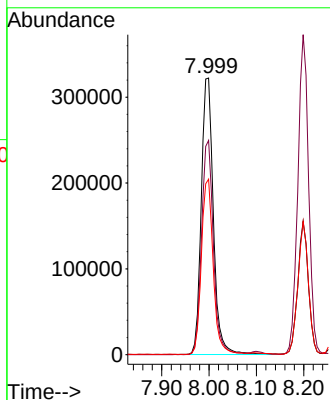
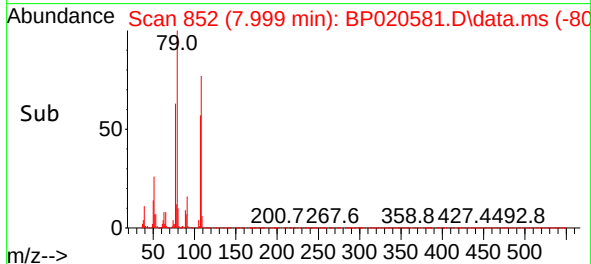
Instrument :  
BNA\_P  
ClientSampleId :  
WCS-TPDMS



Tgt Ion: 79 Resp: 57043  
Ion Ratio Lower Upper  
79 100  
108 77.4 61.4 92.2  
77 63.5 50.2 75.2

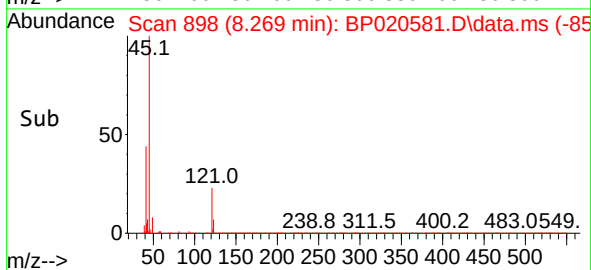
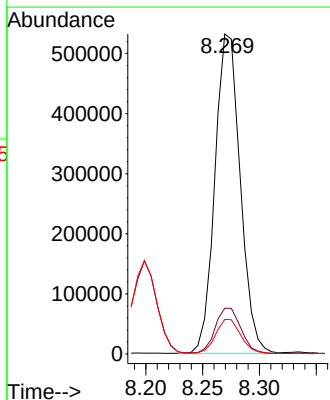
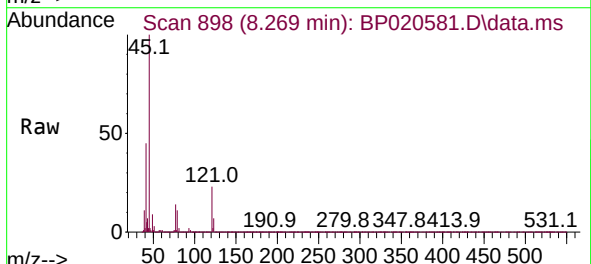
Manual Integrations  
APPROVED

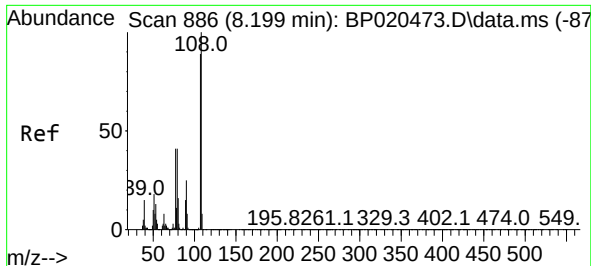
Reviewed By :Jagrut Upadhyay 06/11/2024  
Supervised By :mohammad ahmed 06/13/2024



#16  
2,2'-oxybis(1-Chloropropane)  
Concen: 40.075 ng  
RT: 8.269 min Scan# 898  
Delta R.T. -0.023 min  
Lab File: BP020581.D  
Acq: 10 Jun 2024 17:39

Tgt Ion: 45 Resp: 824227  
Ion Ratio Lower Upper  
45 100  
77 14.3 0.0 33.6  
79 10.8 0.0 29.9





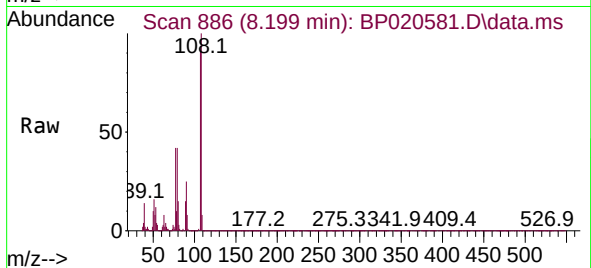
#17  
2-Methylphenol  
Concen: 47.411 ng  
RT: 8.199 min Scan# 886  
Delta R.T. 0.000 min  
Lab File: BP020581.D  
Acq: 10 Jun 2024 17:39

Instrument :

BNA\_P

ClientSampleId :

WCS-TPDMS

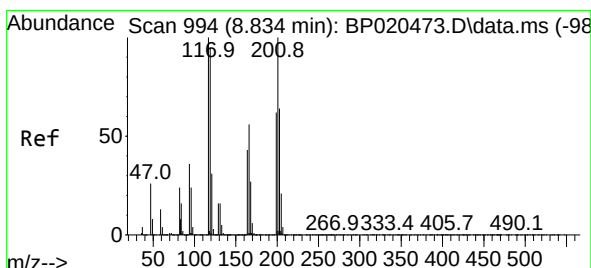
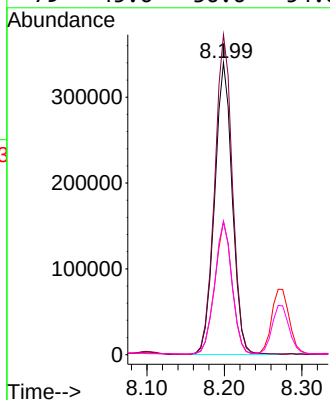
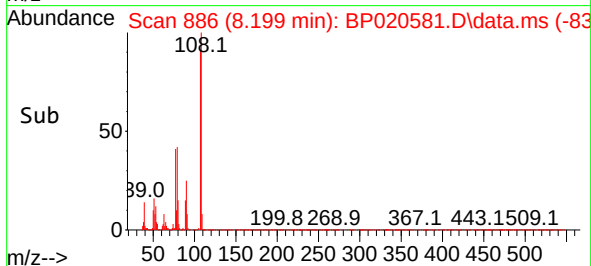


Tgt Ion:107 Resp: 53744  
Ion Ratio Lower Upper  
107 100  
108 109.6 89.4 134.2  
77 45.6 36.6 55.0  
79 45.6 36.6 54.8

Manual Integrations

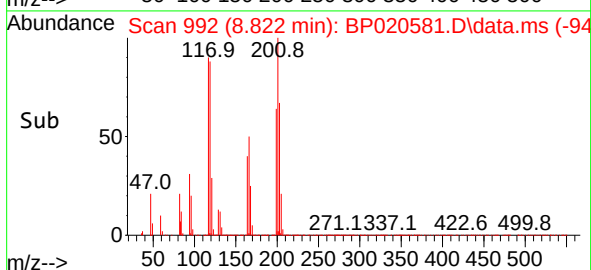
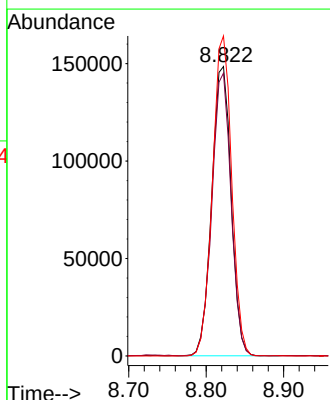
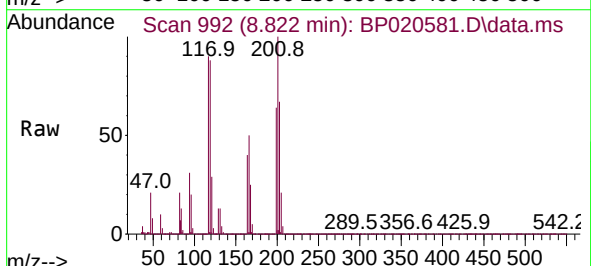
APPROVED

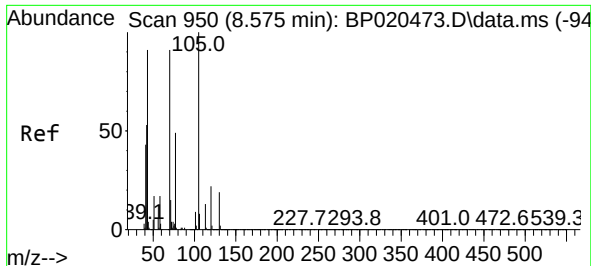
Reviewed By :Jagrut Upadhyay 06/11/2024  
Supervised By :mohammad ahmed 06/13/2024



#18  
Hexachloroethane  
Concen: 45.615 ng  
RT: 8.822 min Scan# 992  
Delta R.T. -0.012 min  
Lab File: BP020581.D  
Acq: 10 Jun 2024 17:39

Tgt Ion:117 Resp: 258559  
Ion Ratio Lower Upper  
117 100  
119 97.8 76.3 114.5  
201 110.6 79.9 119.9





#19

n-Nitroso-di-n-propylamine

Concen: 42.484 ng

RT: 8.558 min Scan# 947

Delta R.T. -0.018 min

Lab File: BP020581.D

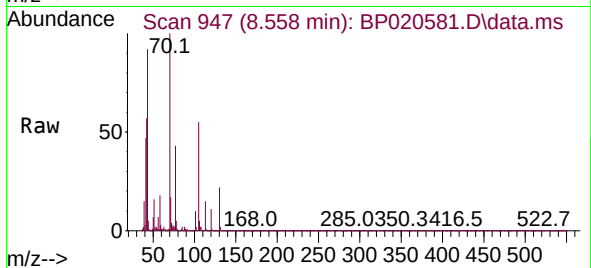
Acq: 10 Jun 2024 17:39

Instrument :

BNA\_P

ClientSampleId :

WCS-TPDMS



Tgt Ion: 70 Resp: 47296

Ion Ratio Lower Upper

70 100

42 56.6 47.4 71.0

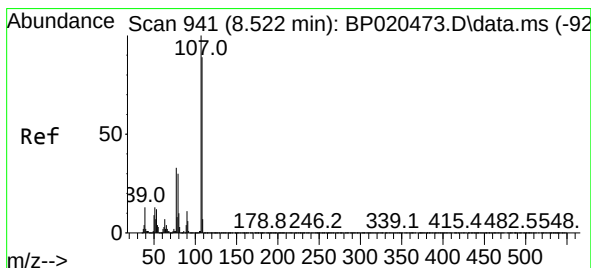
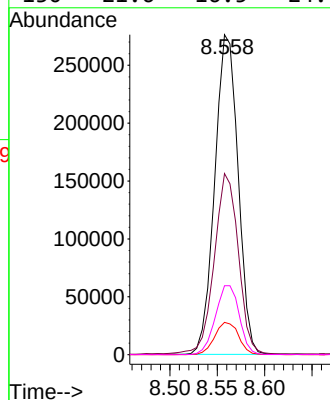
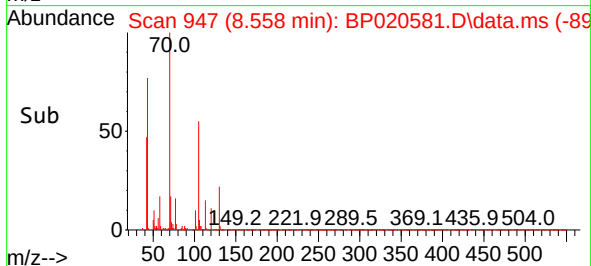
101 10.1 7.8 11.8

130 21.6 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: 46.981 ng

RT: 8.522 min Scan# 941

Delta R.T. 0.000 min

Lab File: BP020581.D

Acq: 10 Jun 2024 17:39

Tgt Ion:107 Resp: 724370

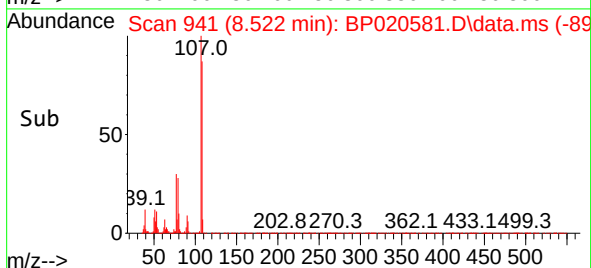
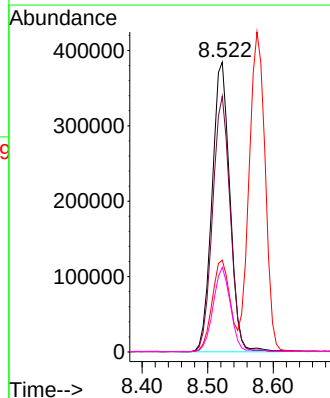
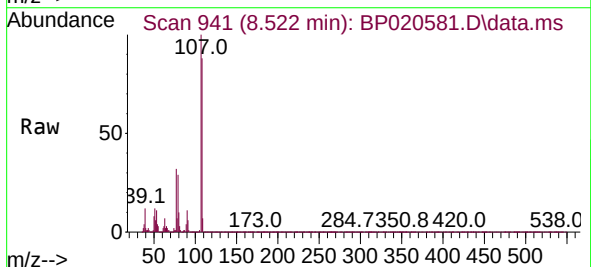
Ion Ratio Lower Upper

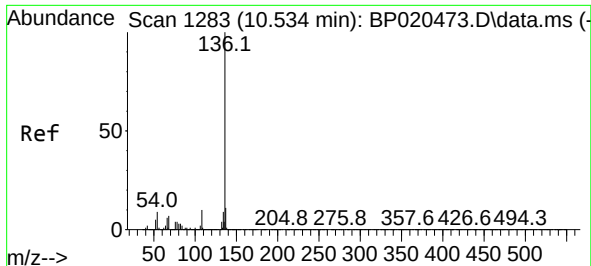
107 100

108 88.2 69.2 109.2

77 31.7 13.5 53.5

79 29.2 9.8 49.8





#21  
Naphthalene-d8  
Concen: 20.000 ng  
RT: 10.522 min Scan# 10  
Delta R.T. -0.012 min  
Lab File: BP020581.D  
Acq: 10 Jun 2024 17:39

Instrument :

BNA\_P

ClientSampleId :

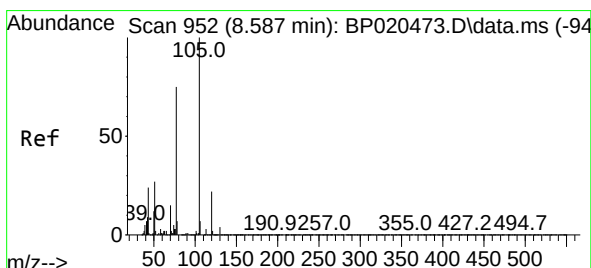
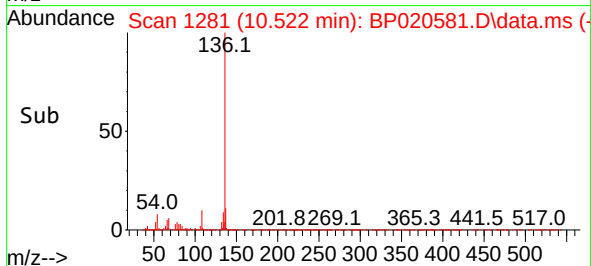
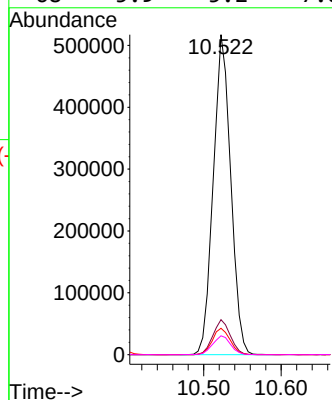
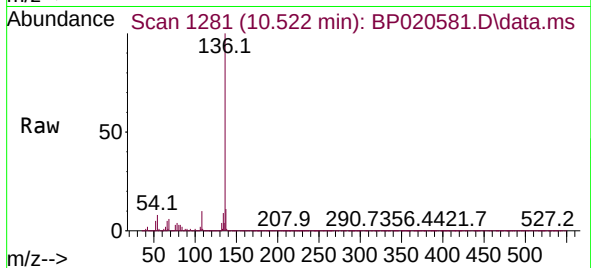
WCS-TPDMS

Tgt Ion:136 Resp: 80981  
Ion Ratio Lower Upper  
136 100  
137 10.9 9.0 13.4  
54 8.3 7.4 11.0  
68 5.9 5.2 7.8

Manual Integrations

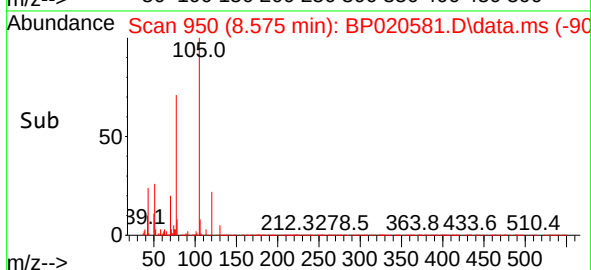
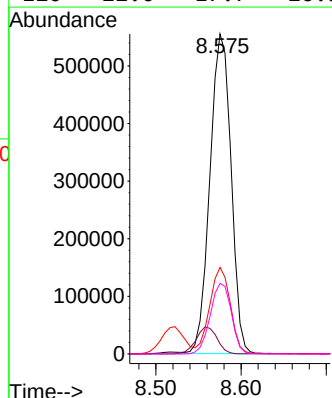
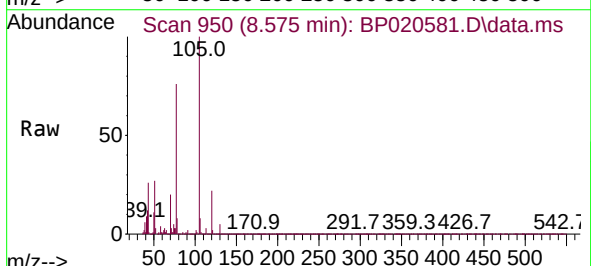
APPROVED

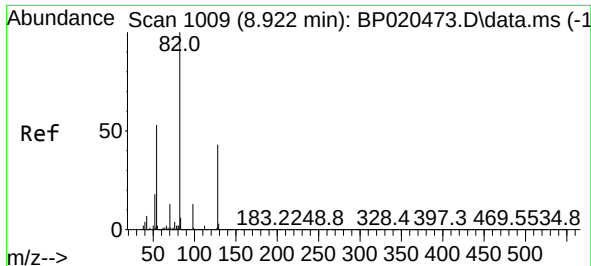
Reviewed By :Jagrut Upadhyay 06/11/2024  
Supervised By :mohammad ahmed 06/13/2024



#22  
Acetophenone  
Concen: 47.515 ng  
RT: 8.575 min Scan# 950  
Delta R.T. -0.012 min  
Lab File: BP020581.D  
Acq: 10 Jun 2024 17:39

Tgt Ion:105 Resp: 955110  
Ion Ratio Lower Upper  
105 100  
71 3.1 2.3 3.5  
51 27.0 22.6 33.8  
120 22.0 17.7 26.5





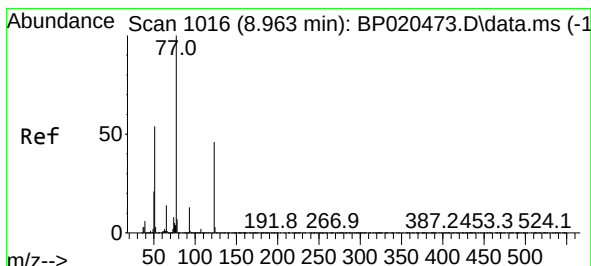
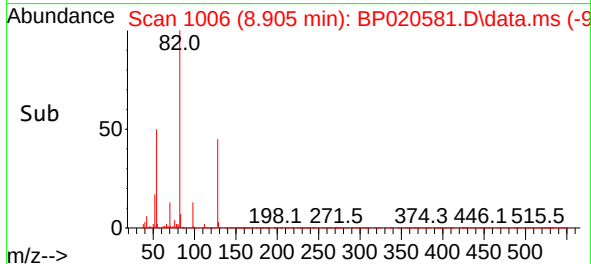
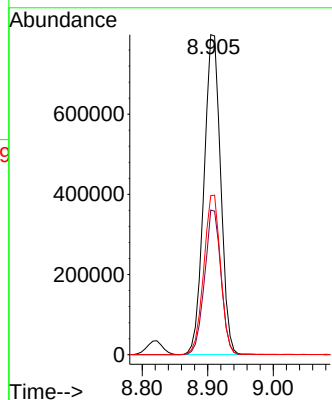
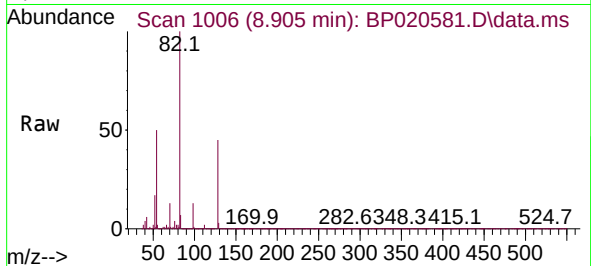
#23  
Nitrobenzene-d5  
Concen: 95.610 ng  
RT: 8.905 min Scan# 1006  
Delta R.T. -0.018 min  
Lab File: BP020581.D  
Acq: 10 Jun 2024 17:39

Instrument :  
BNA\_P  
ClientSampleId :  
WCS-TPDMS

Tgt Ion: 82 Resp: 141443  
Ion Ratio Lower Upper  
82 100  
128 45.2 34.2 51.4  
54 49.7 42.7 64.1

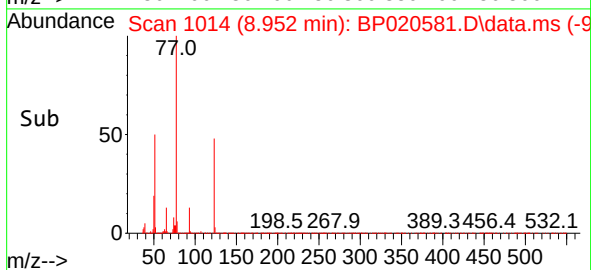
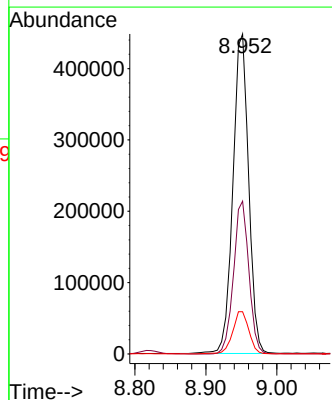
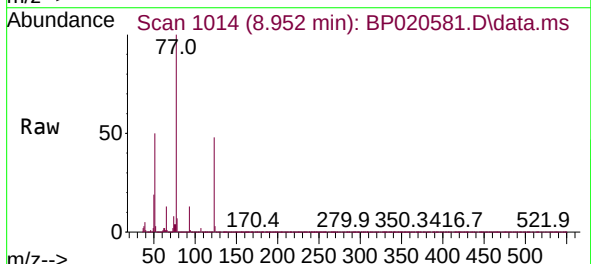
Manual Integrations  
APPROVED

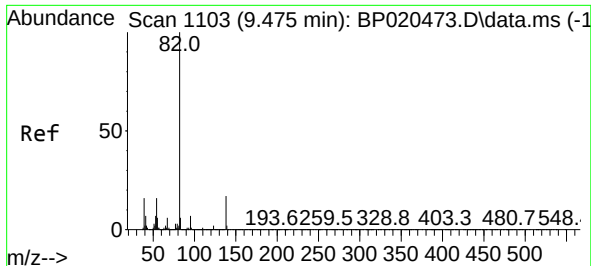
Reviewed By :Jagrut Upadhyay 06/11/2024  
Supervised By :mohammad ahmed 06/13/2024



#24  
Nitrobenzene  
Concen: 45.884 ng  
RT: 8.952 min Scan# 1014  
Delta R.T. -0.012 min  
Lab File: BP020581.D  
Acq: 10 Jun 2024 17:39

Tgt Ion: 77 Resp: 688905  
Ion Ratio Lower Upper  
77 100  
123 47.8 36.6 54.8  
65 13.2 11.1 16.7





#25  
Isophorone  
Concen: 45.758 ng  
RT: 9.469 min Scan# 1103  
Delta R.T. -0.006 min  
Lab File: BP020581.D  
Acq: 10 Jun 2024 17:39

Instrument :

BNA\_P

ClientSampleId :

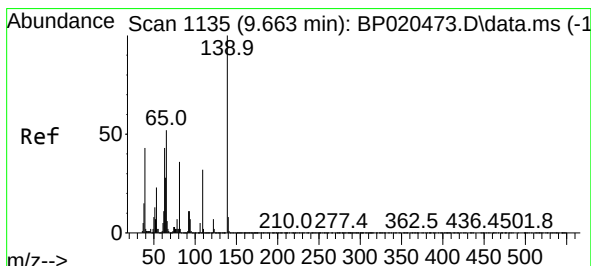
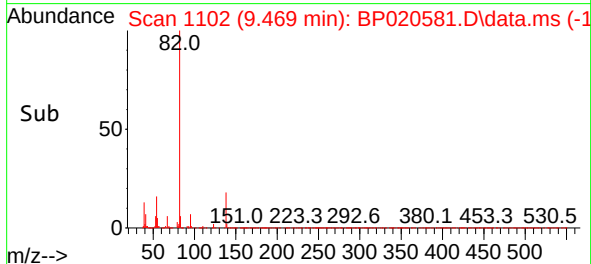
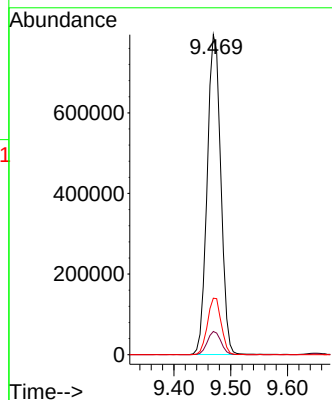
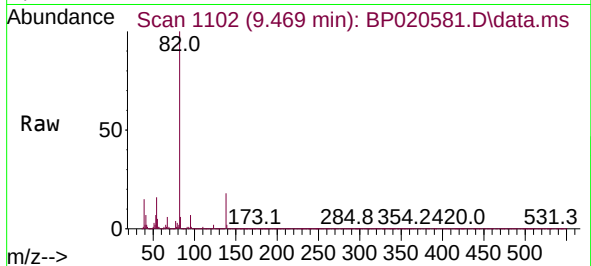
WCS-TPDMS

Tgt Ion: 82 Resp: 131523  
Ion Ratio Lower Upper  
82 100  
95 7.3 5.8 8.6  
138 17.6 13.8 20.6

Manual Integrations

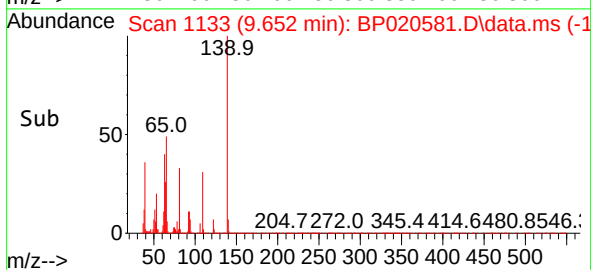
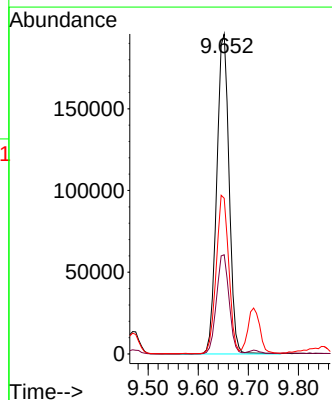
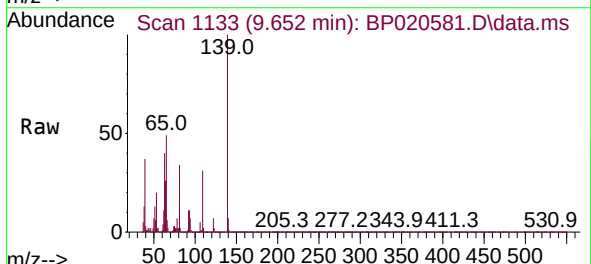
APPROVED

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

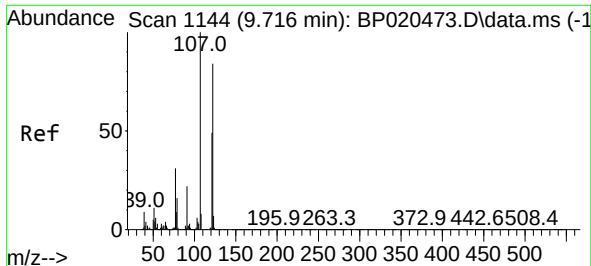


#26  
2-Nitrophenol  
Concen: 55.622 ng  
RT: 9.652 min Scan# 1133  
Delta R.T. -0.011 min  
Lab File: BP020581.D  
Acq: 10 Jun 2024 17:39

Tgt Ion:139 Resp: 334234  
Ion Ratio Lower Upper  
139 100  
109 31.0 25.8 38.8  
65 48.7 41.8 62.8







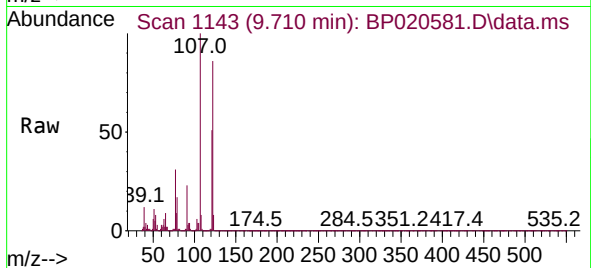
#27  
2,4-Dimethylphenol  
Concen: 52.754 ng  
RT: 9.710 min Scan# 1144  
Delta R.T. -0.006 min  
Lab File: BP020581.D  
Acq: 10 Jun 2024 17:39

Instrument :

BNA\_P

ClientSampleId :

WCS-TPDMS

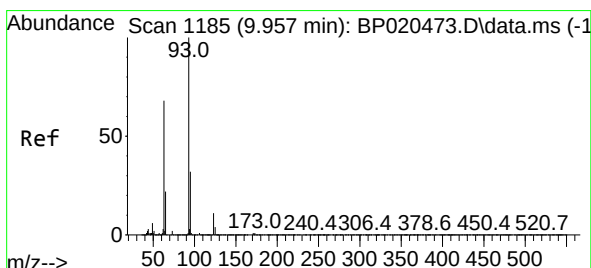
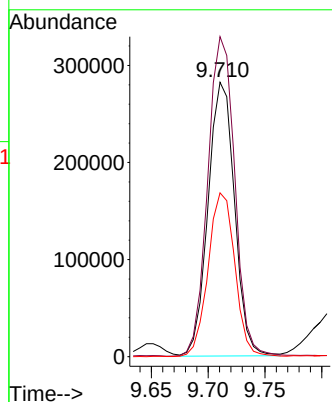
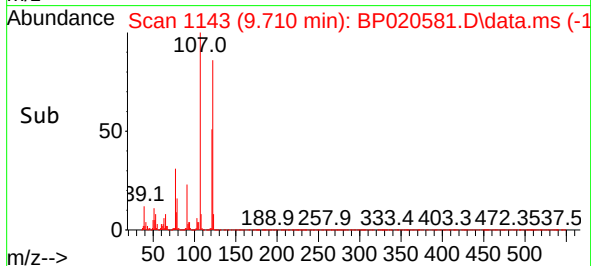


Tgt Ion: 122 Resp: 458100  
Ion Ratio Lower Upper  
122 100  
107 116.6 95.0 142.4  
121 59.7 46.1 69.1

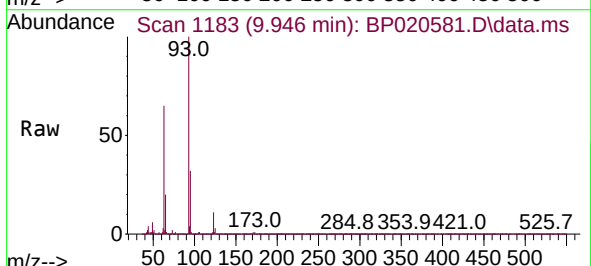
Manual Integrations

APPROVED

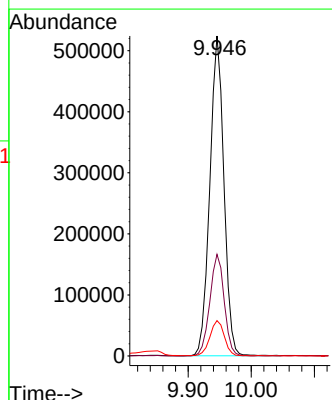
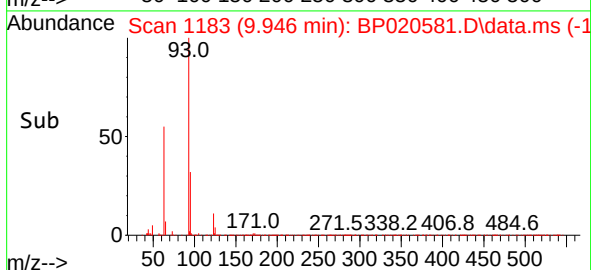
Reviewed By :Jagrut Upadhyay 06/11/2024  
Supervised By :mohammad ahmed 06/13/2024

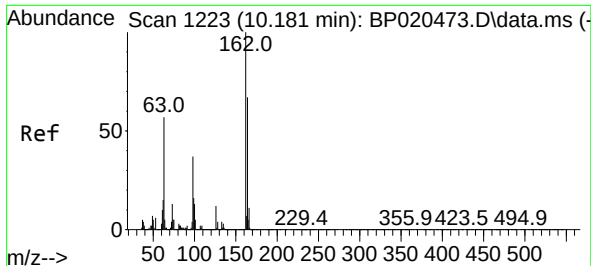


#28  
bis(2-Chloroethoxy)methane  
Concen: 45.869 ng  
RT: 9.946 min Scan# 1183  
Delta R.T. -0.012 min  
Lab File: BP020581.D  
Acq: 10 Jun 2024 17:39



Tgt Ion: 93 Resp: 810357  
Ion Ratio Lower Upper  
93 100  
95 31.7 25.8 38.8  
123 11.1 9.0 13.4





#29

2,4-Dichlorophenol

Concen: 54.083 ng

RT: 10.175 min Scan# 11

Delta R.T. -0.006 min

Lab File: BP020581.D

Acq: 10 Jun 2024 17:39

Instrument :

BNA\_P

ClientSampleId :

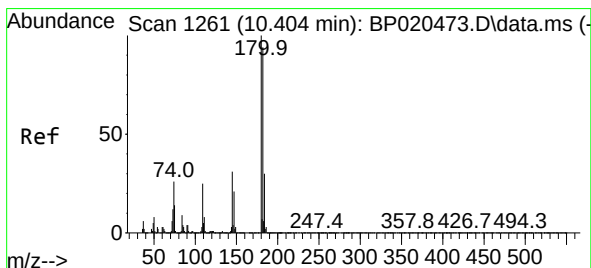
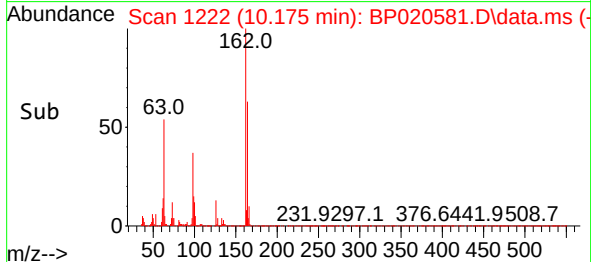
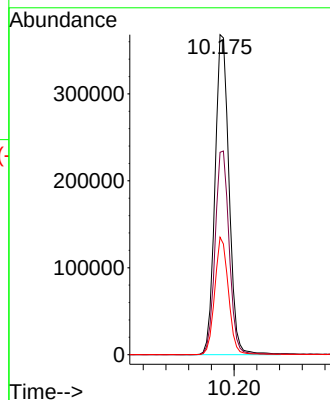
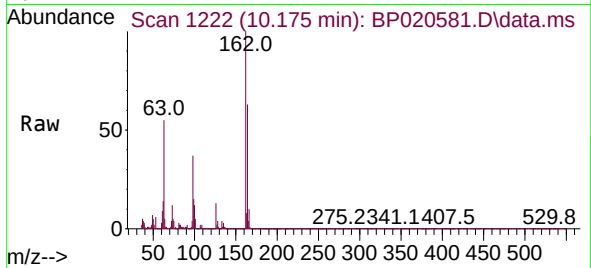
WCS-TPDMS

|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 162   | Resp: | 63006 |
| Ion Ratio | Lower | Upper |       |
| 162       | 100   |       |       |
| 164       | 63.2  | 46.5  | 86.5  |
| 98        | 36.7  | 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: 48.307 ng

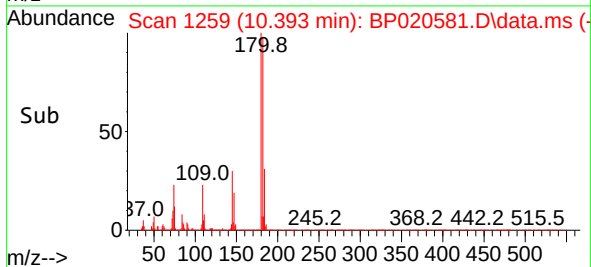
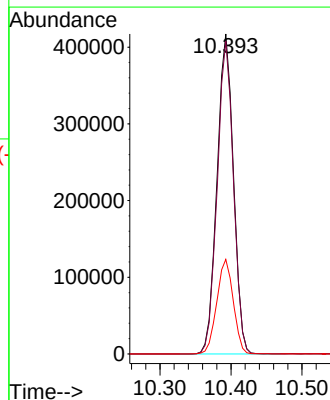
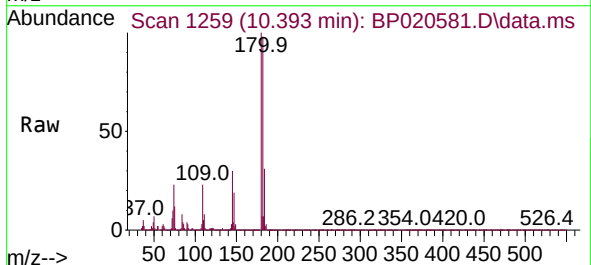
RT: 10.393 min Scan# 1259

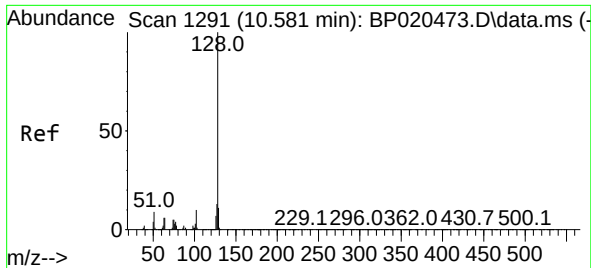
Delta R.T. -0.012 min

Lab File: BP020581.D

Acq: 10 Jun 2024 17:39

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 180   | Resp: | 668109 |
| Ion Ratio | Lower | Upper |        |
| 180       | 100   |       |        |
| 182       | 97.8  | 75.2  | 112.8  |
| 145       | 29.5  | 24.9  | 37.3   |





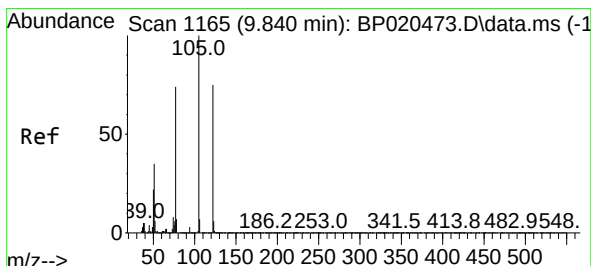
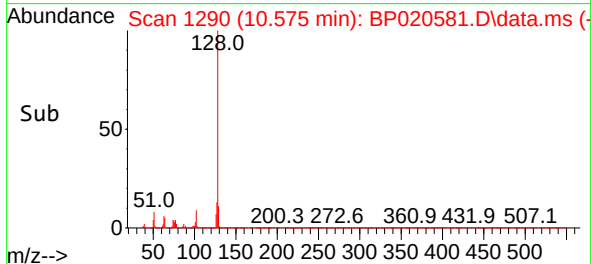
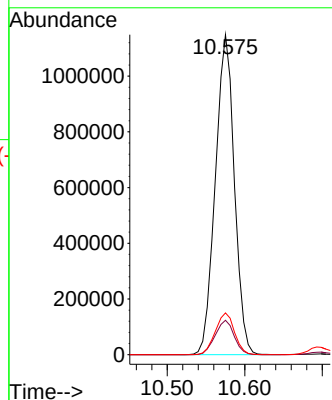
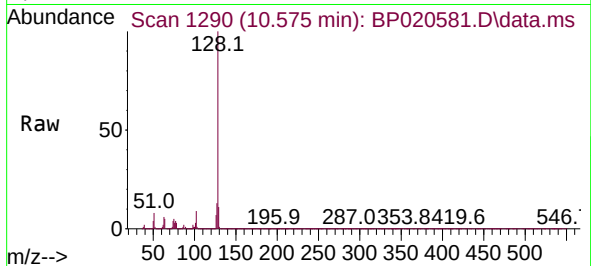
#31  
Naphthalene  
Concen: 47.290 ng  
RT: 10.575 min Scan# 1167  
Delta R.T. -0.006 min  
Lab File: BP020581.D  
Acq: 10 Jun 2024 17:39

Instrument :  
BNA\_P  
ClientSampleId :  
WCS-TPDMS

Tgt Ion:128 Resp: 1957750  
Ion Ratio Lower Upper  
128 100  
129 10.8 8.9 13.3  
127 13.1 10.5 15.7

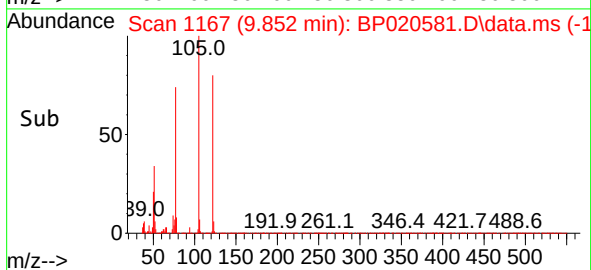
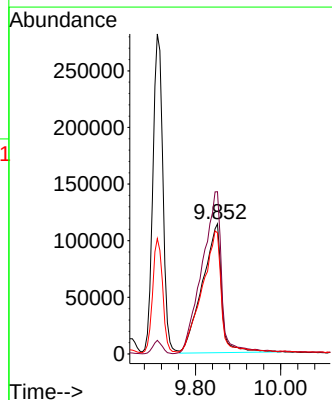
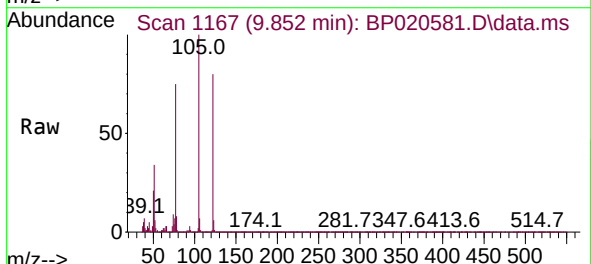
Manual Integrations  
APPROVED

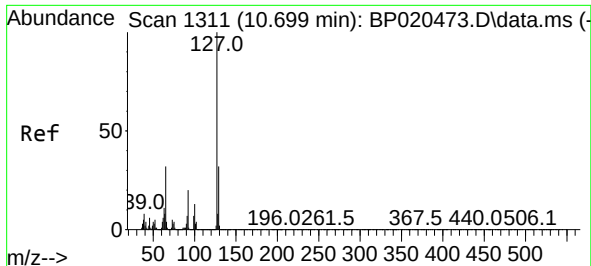
Reviewed By :Jagrut Upadhyay 06/11/2024  
Supervised By :mohammad ahmed 06/13/2024



#32  
Benzoic acid  
Concen: 44.018 ng  
RT: 9.852 min Scan# 1167  
Delta R.T. 0.012 min  
Lab File: BP020581.D  
Acq: 10 Jun 2024 17:39

Tgt Ion:122 Resp: 357676  
Ion Ratio Lower Upper  
122 100  
105 124.7 107.5 147.5  
77 93.1 76.1 116.1





#33  
4-Chloroaniline  
Concen: 3.864 ng  
RT: 10.693 min Scan# 11  
Delta R.T. -0.006 min  
Lab File: BP020581.D  
Acq: 10 Jun 2024 17:39

Instrument :

BNA\_P

ClientSampleId :

WCS-TPDMS

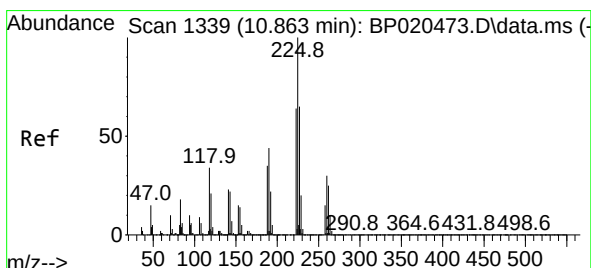
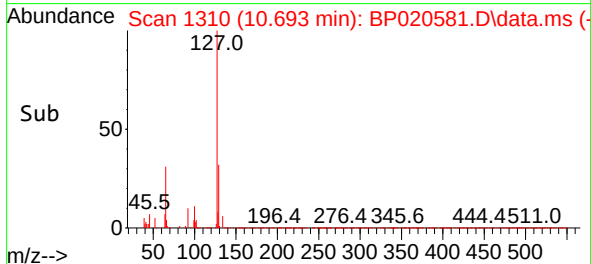
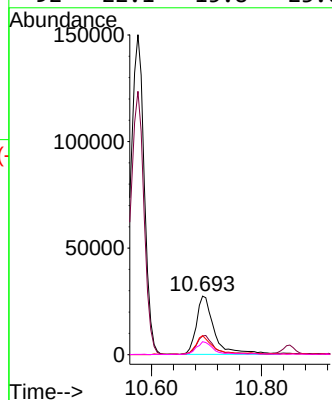
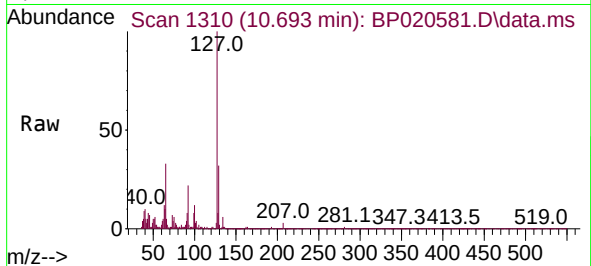
Tgt Ion:127 Resp: 6187

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 127 | 100   |       |       |
| 129 | 32.1  | 26.0  | 39.0  |
| 65  | 32.6  | 25.4  | 38.2  |
| 92  | 22.1  | 15.8  | 23.6  |

Manual Integrations

APPROVED

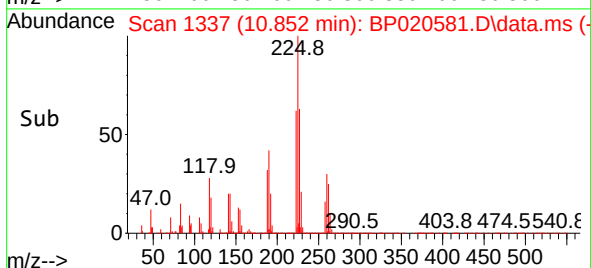
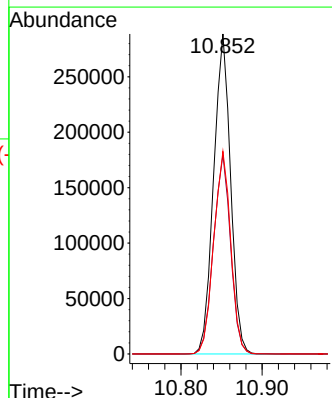
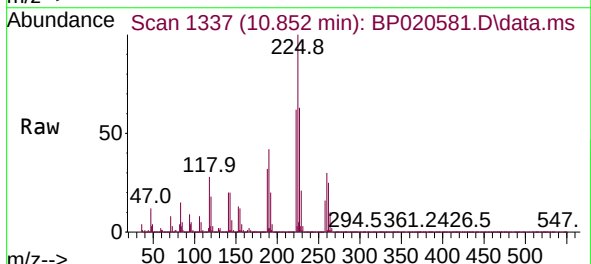
Reviewed By :Jagrut Upadhyay 06/11/2024  
Supervised By :mohammad ahmed 06/13/2024

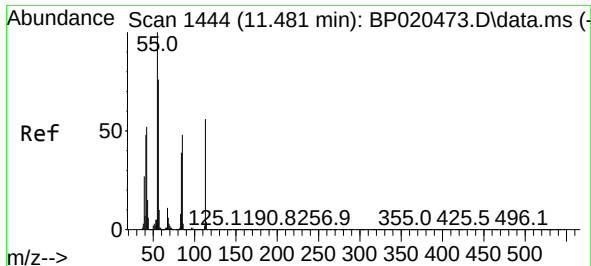


#34  
Hexachlorobutadiene  
Concen: 48.013 ng  
RT: 10.852 min Scan# 1337  
Delta R.T. -0.012 min  
Lab File: BP020581.D  
Acq: 10 Jun 2024 17:39

Tgt Ion:225 Resp: 418293

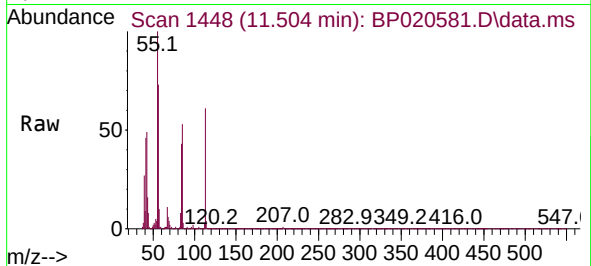
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 225 | 100   |       |       |
| 223 | 62.3  | 51.3  | 76.9  |
| 227 | 63.3  | 51.6  | 77.4  |





#35  
Caprolactam  
Concen: 45.455 ng  
RT: 11.504 min Scan# 1444  
Delta R.T. 0.024 min  
Lab File: BP020581.D  
Acq: 10 Jun 2024 17:39

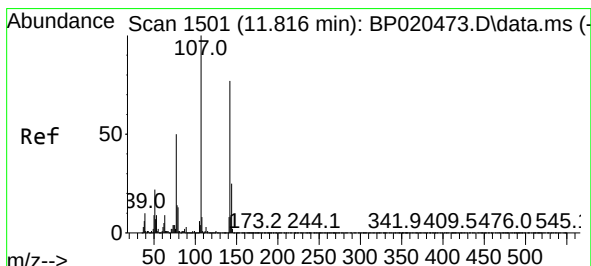
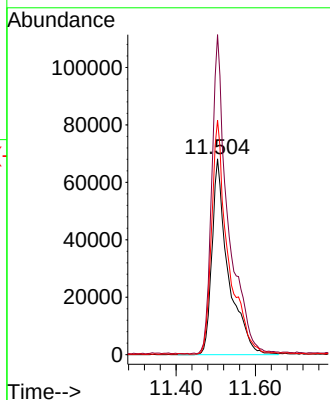
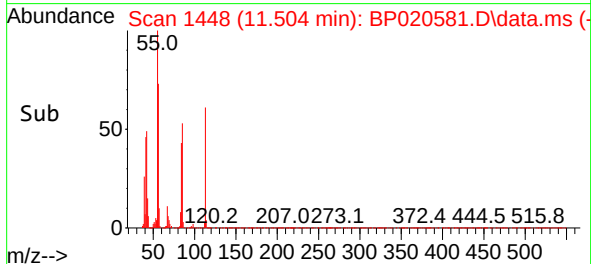
Instrument :  
BNA\_P  
ClientSampleId :  
WCS-TPDMS



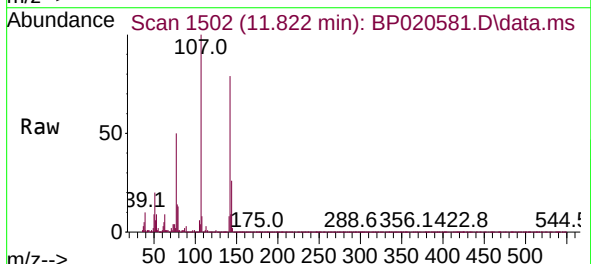
Tgt Ion:113 Resp: 194058  
Ion Ratio Lower Upper  
113 100  
55 163.4 158.7 198.7  
56 119.8 115.4 155.4

Manual Integrations  
APPROVED

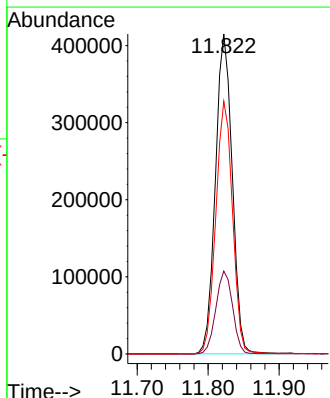
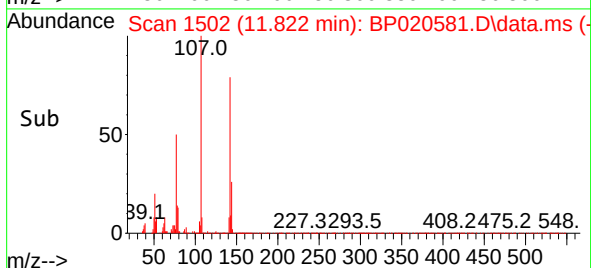
Reviewed By :Jagrut Upadhyay 06/11/2024  
Supervised By :mohammad ahmed 06/13/2024

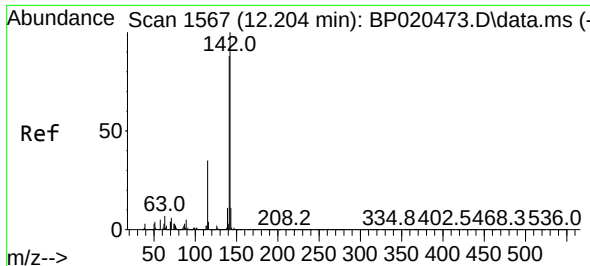


#36  
4-Chloro-3-methylphenol  
Concen: 49.885 ng  
RT: 11.822 min Scan# 1502  
Delta R.T. 0.006 min  
Lab File: BP020581.D  
Acq: 10 Jun 2024 17:39



Tgt Ion:107 Resp: 680426  
Ion Ratio Lower Upper  
107 100  
144 25.9 20.0 30.0  
142 79.0 61.4 92.2





#37  
2-Methylnaphthalene  
Concen: 46.581 ng  
RT: 12.199 min Scan# 11  
Delta R.T. -0.006 min  
Lab File: BP020581.D  
Acq: 10 Jun 2024 17:39

Instrument :

BNA\_P

ClientSampleId :

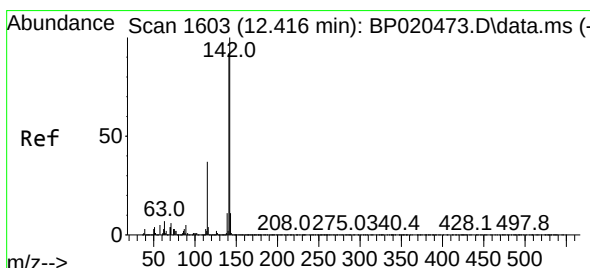
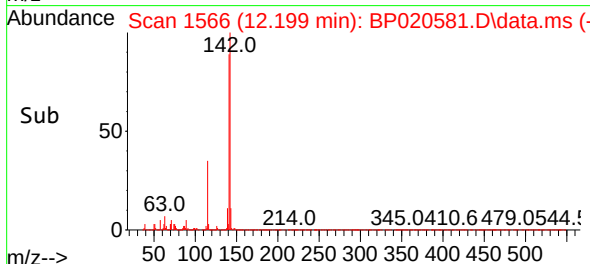
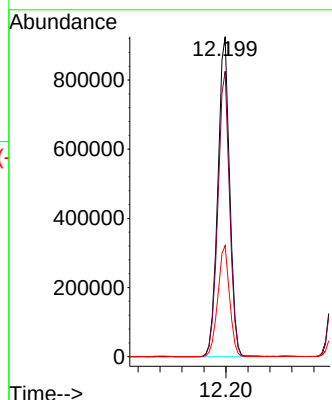
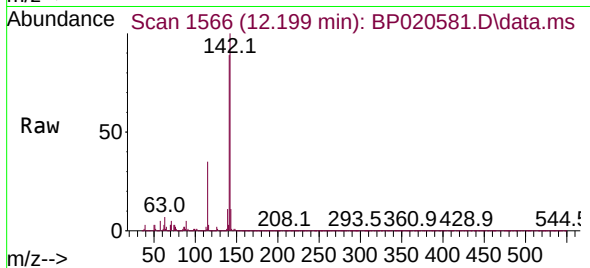
WCS-TPDMS

Tgt Ion:142 Resp: 1381800  
Ion Ratio Lower Upper  
142 100  
141 89.2 70.3 105.5  
115 34.7 28.0 42.0

Manual Integrations

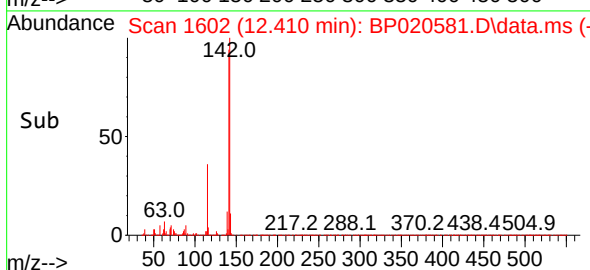
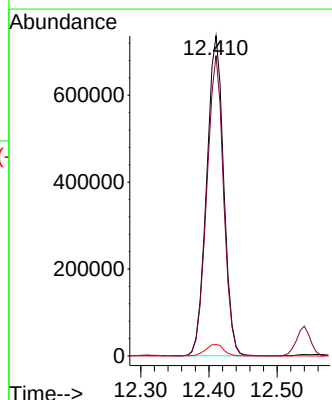
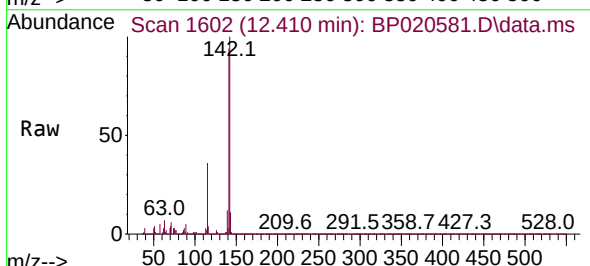
APPROVED

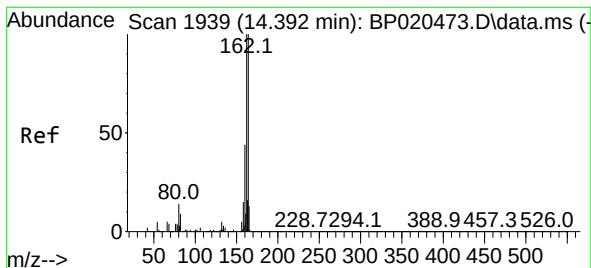
Reviewed By :Jagrut Upadhyay 06/11/2024  
Supervised By :mohammad ahmed 06/13/2024



#38  
1-Methylnaphthalene  
Concen: 43.522 ng  
RT: 12.410 min Scan# 1602  
Delta R.T. -0.006 min  
Lab File: BP020581.D  
Acq: 10 Jun 2024 17:39

Tgt Ion:142 Resp: 1279833  
Ion Ratio Lower Upper  
142 100  
141 93.9 73.7 110.5  
116 3.6 3.2 4.8





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.393 min Scan# 1939

Delta R.T. 0.001 min

Lab File: BP020581.D

Acq: 10 Jun 2024 17:39

Instrument :

BNA\_P

ClientSampleId :

WCS-TPDMS

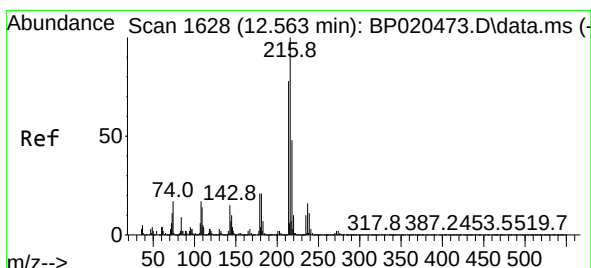
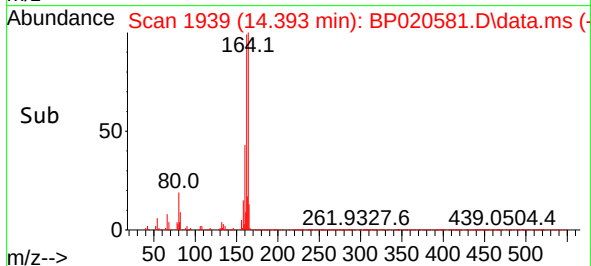
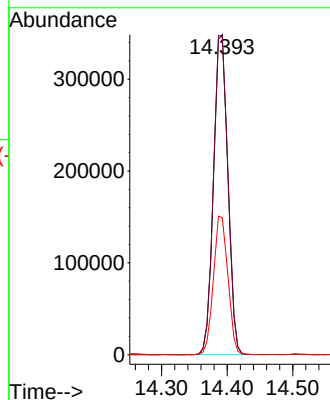
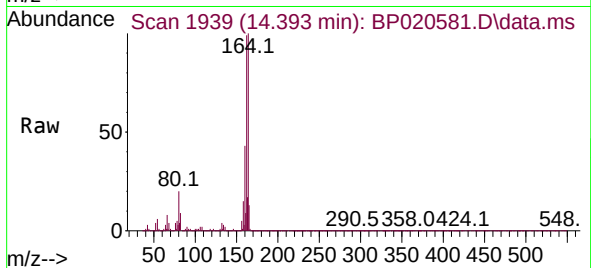
Tgt Ion:164 Resp: 527940

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 164 | 100   |       |       |
| 162 | 99.4  | 80.3  | 120.5 |
| 160 | 42.8  | 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: 49.751 ng

RT: 12.563 min Scan# 1628

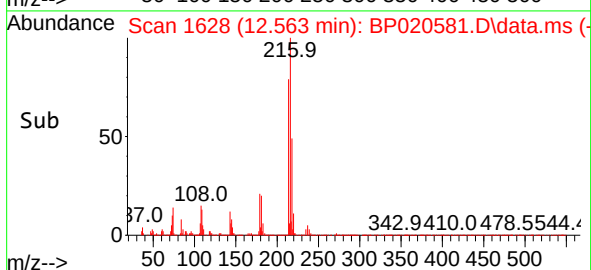
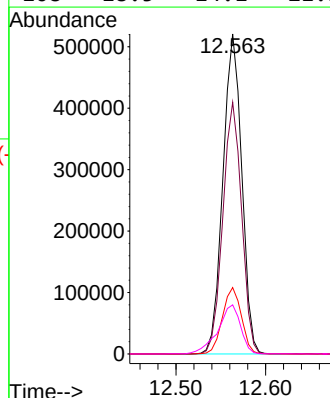
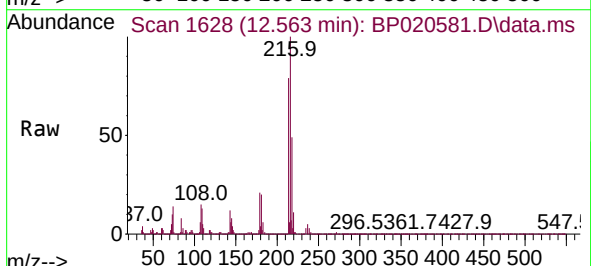
Delta R.T. 0.000 min

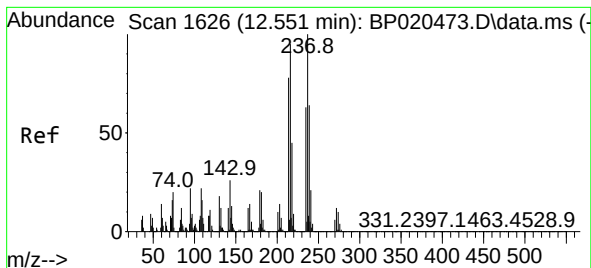
Lab File: BP020581.D

Acq: 10 Jun 2024 17:39

Tgt Ion:216 Resp: 759948

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 216 | 100   |       |       |
| 214 | 78.3  | 63.0  | 94.4  |
| 179 | 20.8  | 16.9  | 25.3  |
| 108 | 18.5  | 14.1  | 21.1  |





#41

Hexachlorocyclopentadiene

Concen: 160.519 ng

RT: 12.540 min Scan# 1

Delta R.T. -0.012 min

Lab File: BP020581.D

Acq: 10 Jun 2024 17:39

Instrument :

BNA\_P

ClientSampleId :

WCS-TPDMS

Tgt Ion:237 Resp: 861724

Ion Ratio Lower Upper

237 100

235 62.6 43.1 83.1

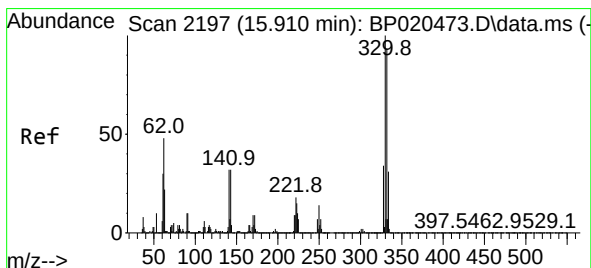
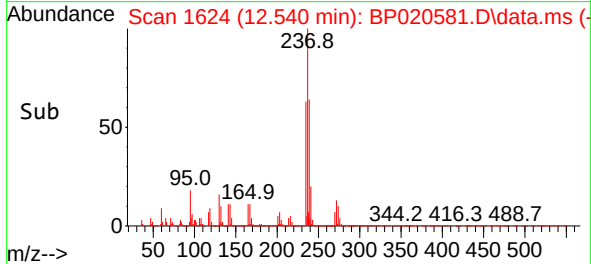
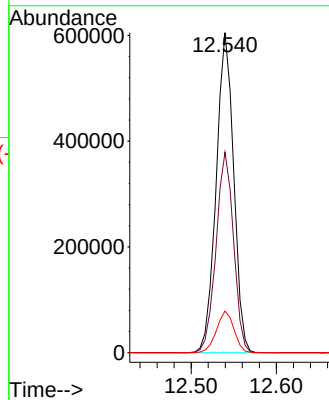
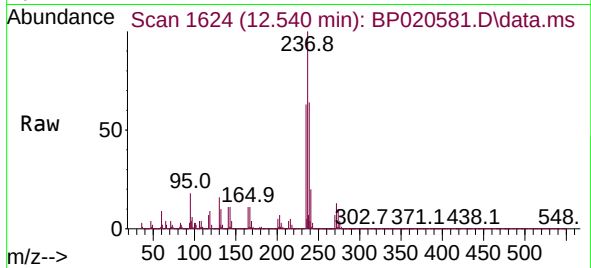
272 13.0 0.0 32.4

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 06/11/2024

Supervised By :mohammad ahmed 06/13/2024



#42

2,4,6-Tribromophenol

Concen: 185.016 ng

RT: 15.910 min Scan# 2197

Delta R.T. 0.000 min

Lab File: BP020581.D

Acq: 10 Jun 2024 17:39

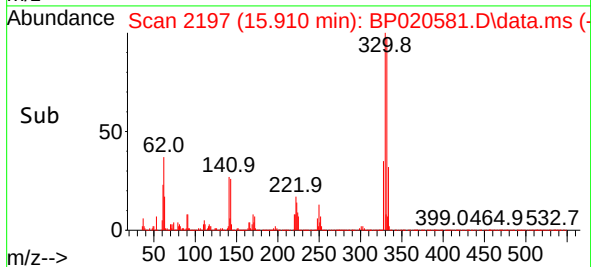
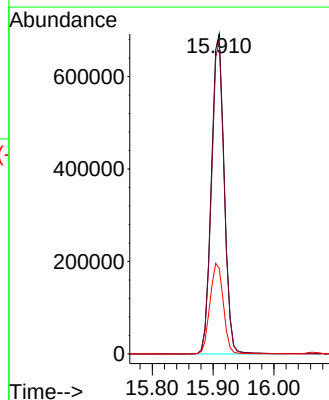
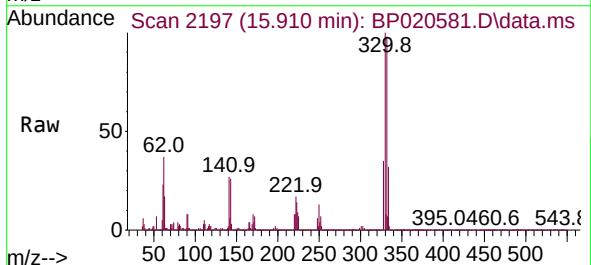
Tgt Ion:330 Resp: 1013700

Ion Ratio Lower Upper

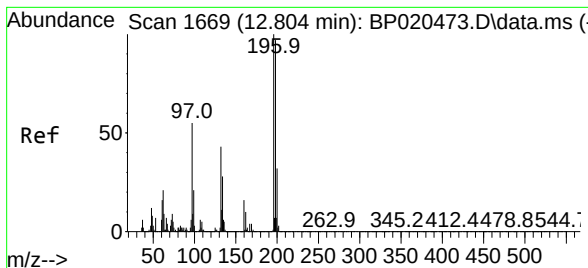
330 100

332 97.1 76.6 114.8

141 29.5 27.1 40.7







#43

2,4,6-Trichlorophenol

Concen: 56.753 ng

RT: 12.810 min Scan# 1669

Delta R.T. 0.006 min

Lab File: BP020581.D

Acq: 10 Jun 2024 17:39

Instrument :

BNA\_P

ClientSampleId :

WCS-TPDMS

Tgt Ion:196 Resp: 524020

Ion Ratio Lower Upper

196 100

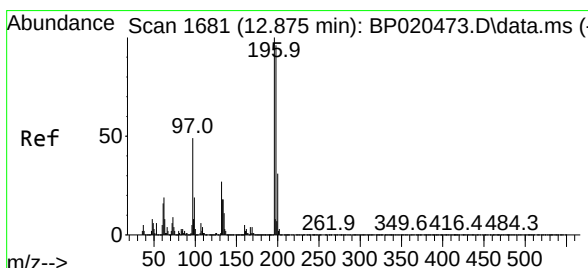
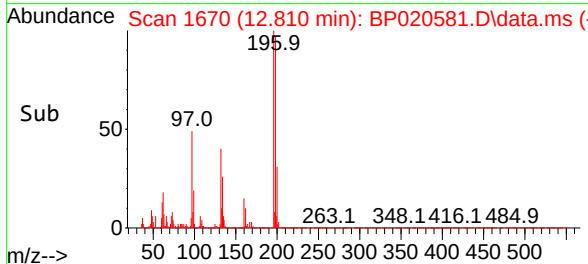
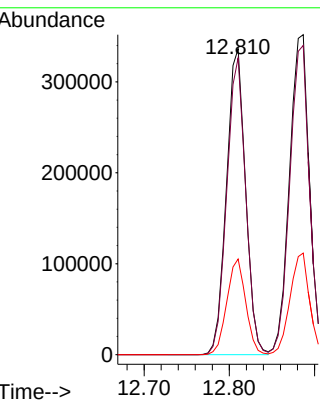
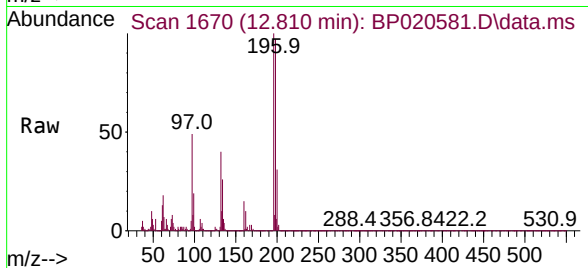
198 97.0 77.9 116.9

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: 53.934 ng

RT: 12.887 min Scan# 1683

Delta R.T. 0.012 min

Lab File: BP020581.D

Acq: 10 Jun 2024 17:39

Tgt Ion:196 Resp: 574517

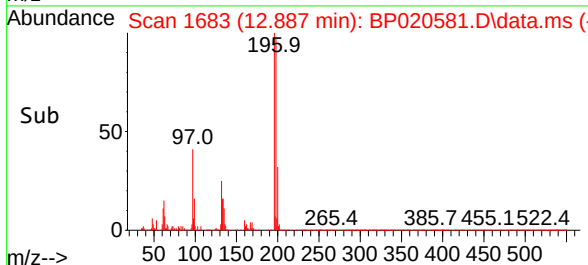
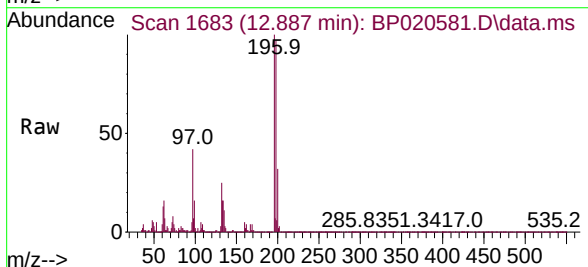
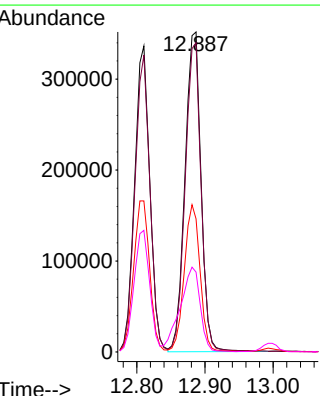
Ion Ratio Lower Upper

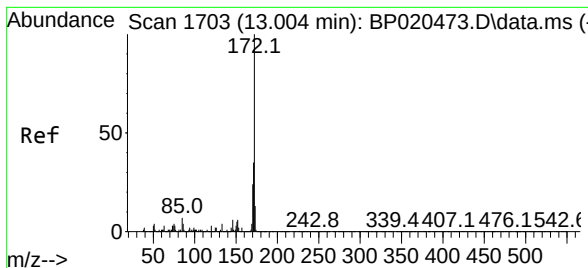
196 100

198 96.7 77.0 115.4

97 41.6 38.9 58.3

132 24.9 21.7 32.5





#45  
2-Fluorobiphenyl  
Concen: 92.509 ng  
RT: 12.993 min Scan# 1701  
Delta R.T. -0.012 min  
Lab File: BP020581.D  
Acq: 10 Jun 2024 17:39

Instrument :

BNA\_P

ClientSampleId :

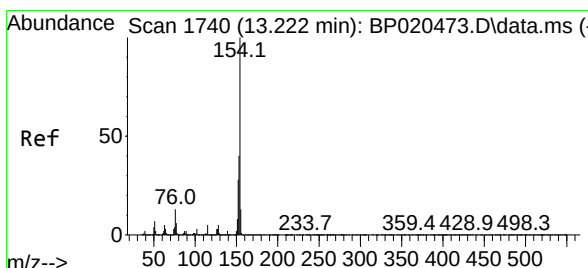
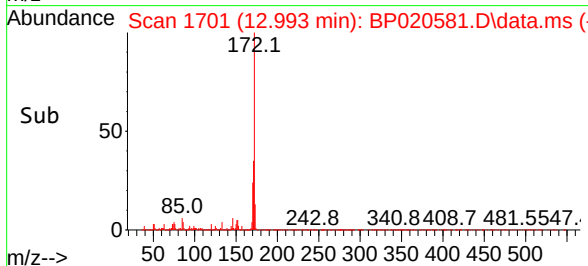
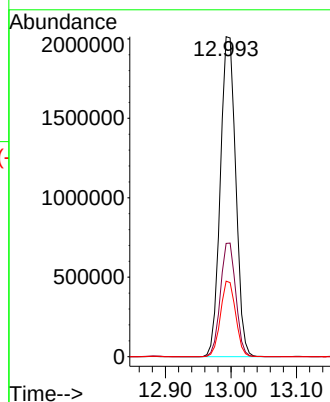
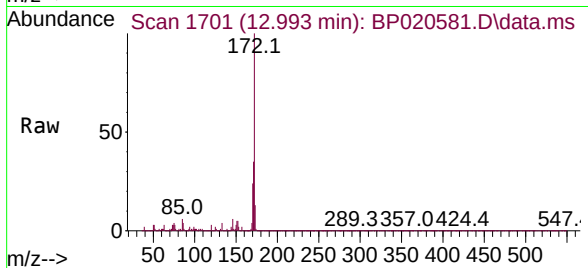
WCS-TPDMS

Tgt Ion:172 Resp: 3276210  
Ion Ratio Lower Upper  
172 100  
171 35.4 28.4 42.6  
170 23.6 18.9 28.3

Manual Integrations

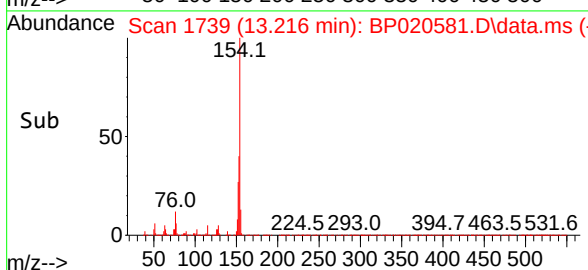
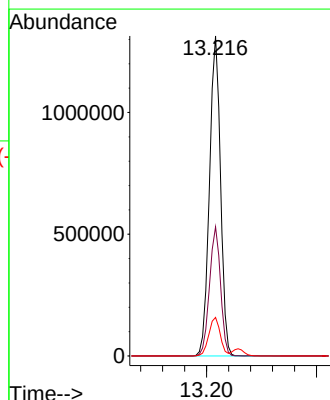
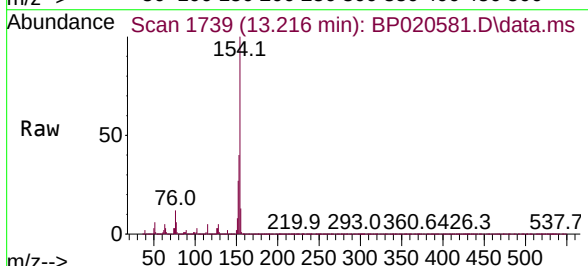
APPROVED

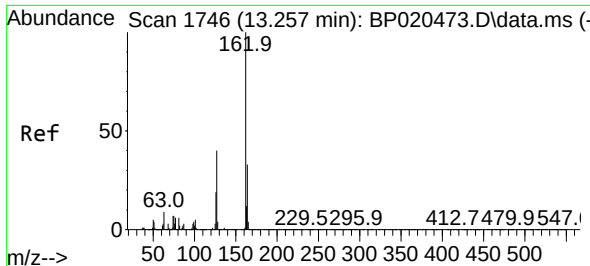
Reviewed By :Jagrut Upadhyay 06/11/2024  
Supervised By :mohammad ahmed 06/13/2024



#46  
1,1'-Biphenyl  
Concen: 49.032 ng  
RT: 13.216 min Scan# 1739  
Delta R.T. -0.006 min  
Lab File: BP020581.D  
Acq: 10 Jun 2024 17:39

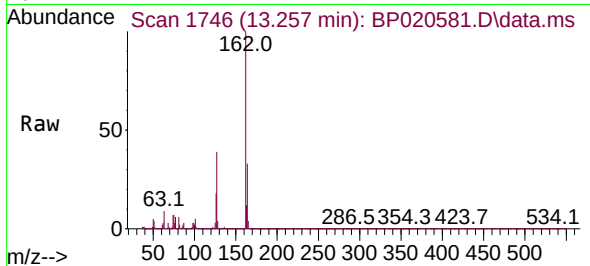
Tgt Ion:154 Resp: 1826871  
Ion Ratio Lower Upper  
154 100  
153 40.4 19.9 59.9  
76 12.0 0.0 33.2





#47  
2-Chloronaphthalene  
Concen: 47.548 ng  
RT: 13.257 min Scan# 1746  
Delta R.T. 0.000 min  
Lab File: BP020581.D  
Acq: 10 Jun 2024 17:39

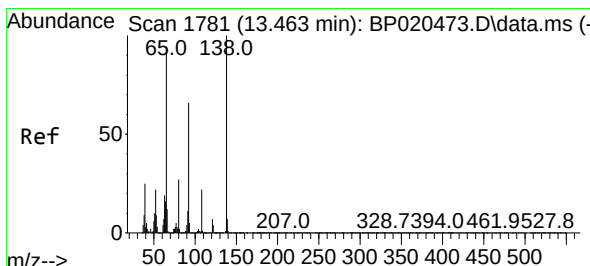
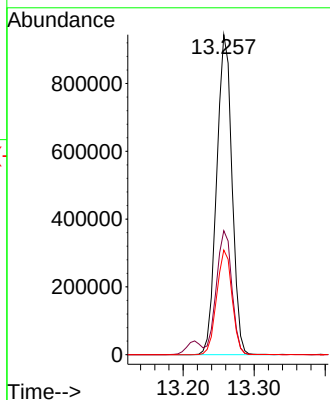
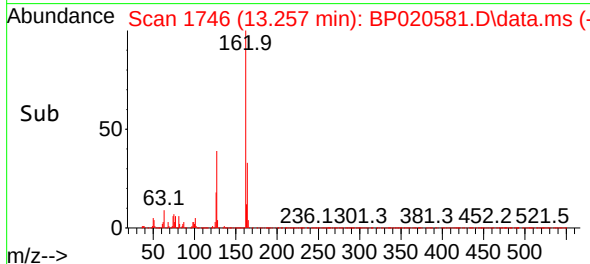
Instrument :  
BNA\_P  
ClientSampleId :  
WCS-TPDMS



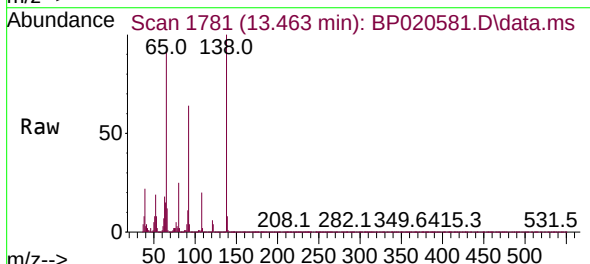
Tgt Ion:162 Resp: 1408350  
Ion Ratio Lower Upper  
162 100  
127 38.8 32.2 48.2  
164 32.7 26.1 39.1

Manual Integrations  
APPROVED

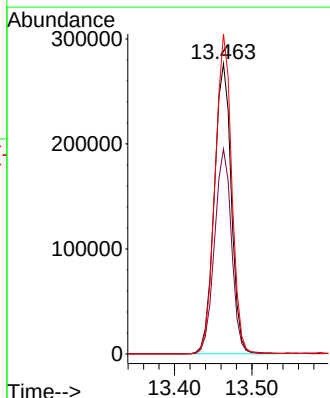
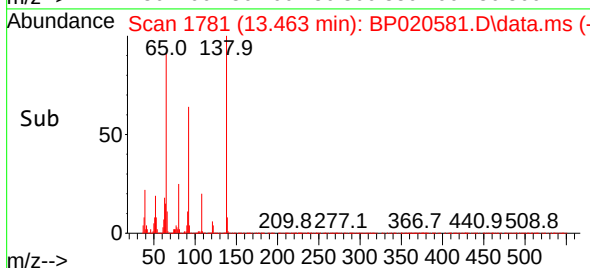
Reviewed By :Jagrut Upadhyay 06/11/2024  
Supervised By :mohammad ahmed 06/13/2024

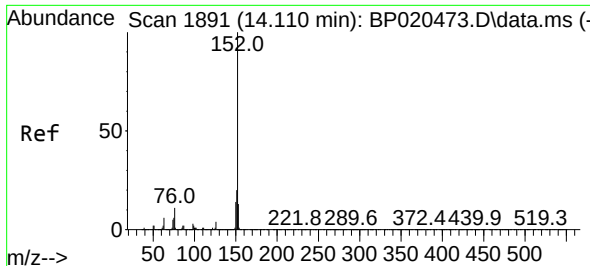


#48  
2-Nitroaniline  
Concen: 52.752 ng  
RT: 13.463 min Scan# 1781  
Delta R.T. 0.000 min  
Lab File: BP020581.D  
Acq: 10 Jun 2024 17:39



Tgt Ion: 65 Resp: 423383  
Ion Ratio Lower Upper  
65 100  
92 70.6 55.8 83.8  
138 110.2 85.2 127.8





#49  
Acenaphthylene  
Concen: 52.970 ng  
RT: 14.104 min Scan# 1890  
Delta R.T. -0.006 min  
Lab File: BP020581.D  
Acq: 10 Jun 2024 17:39

Instrument :

BNA\_P

ClientSampleId :

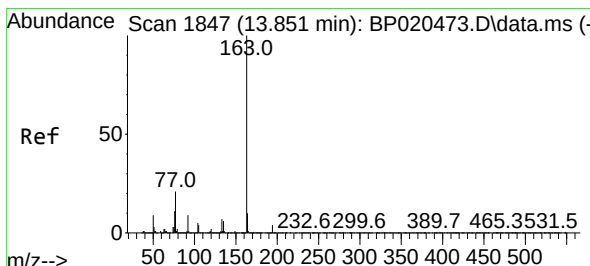
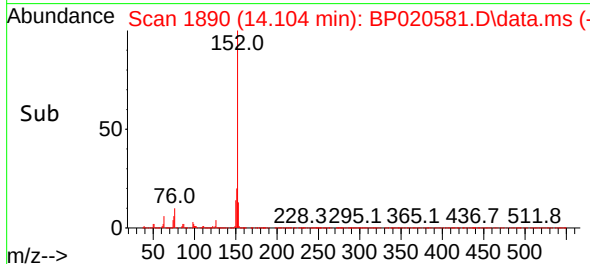
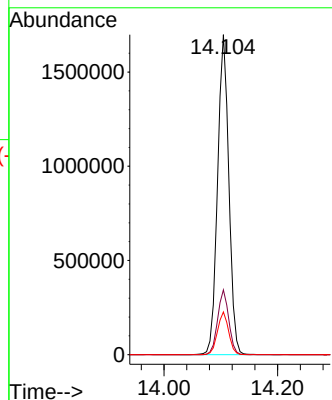
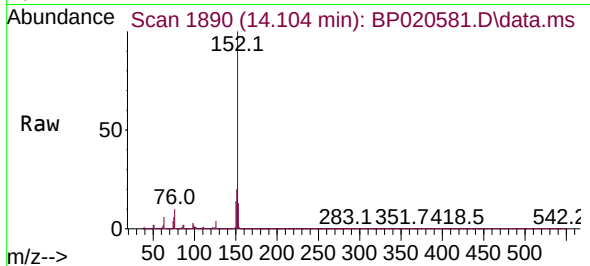
WCS-TPDMS

Tgt Ion:152 Resp: 2328058  
Ion Ratio Lower Upper  
152 100  
151 20.2 15.9 23.9  
153 13.3 10.6 15.8

Manual Integrations

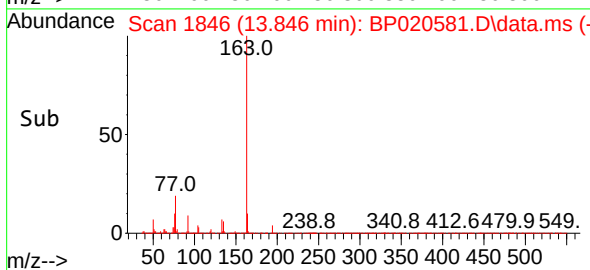
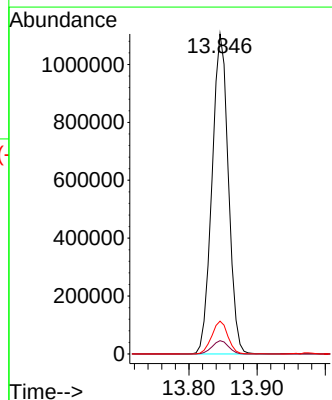
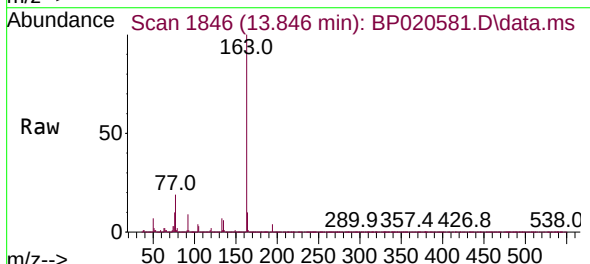
APPROVED

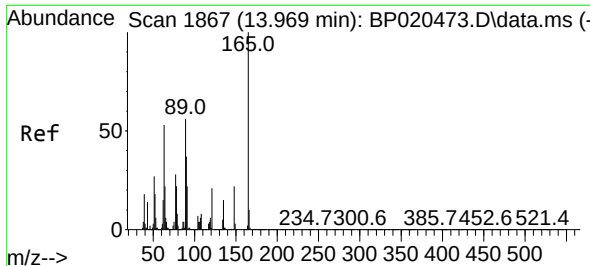
Reviewed By :Jagrut Upadhyay 06/11/2024  
Supervised By :mohammad ahmed 06/13/2024



#50  
Dimethylphthalate  
Concen: 49.522 ng  
RT: 13.846 min Scan# 1846  
Delta R.T. -0.006 min  
Lab File: BP020581.D  
Acq: 10 Jun 2024 17:39

Tgt Ion:163 Resp: 1842921  
Ion Ratio Lower Upper  
163 100  
194 4.2 3.3 4.9  
164 10.3 8.3 12.5





#51  
2,6-Dinitrotoluene  
Concen: 50.786 ng  
RT: 13.969 min Scan# 1867  
Delta R.T. 0.000 min  
Lab File: BP020581.D  
Acq: 10 Jun 2024 17:39

Instrument :

BNA\_P

ClientSampleId :

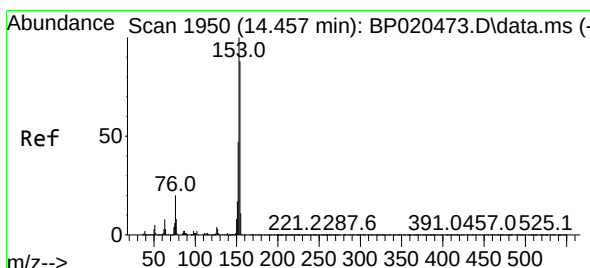
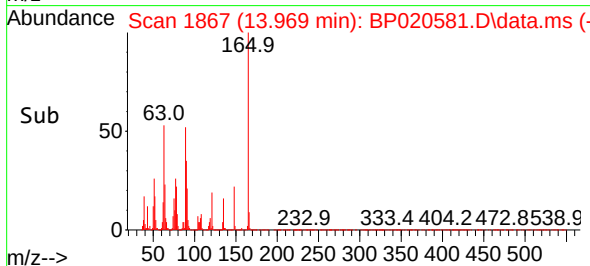
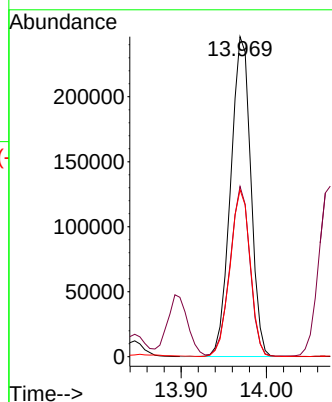
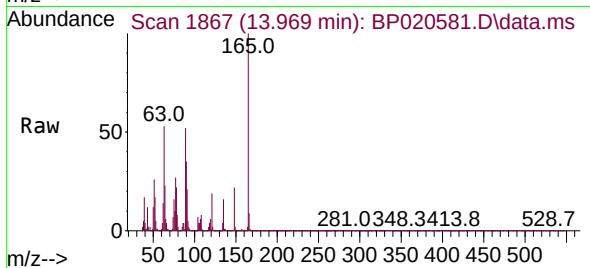
WCS-TPDMS

Tgt Ion:165 Resp: 403960  
Ion Ratio Lower Upper  
165 100  
63 53.2 45.6 68.4  
89 52.2 44.9 67.3

Manual Integrations

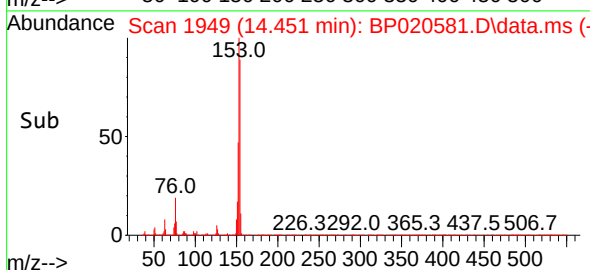
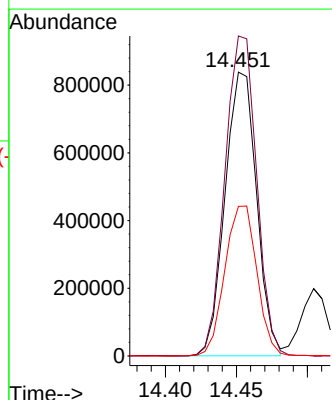
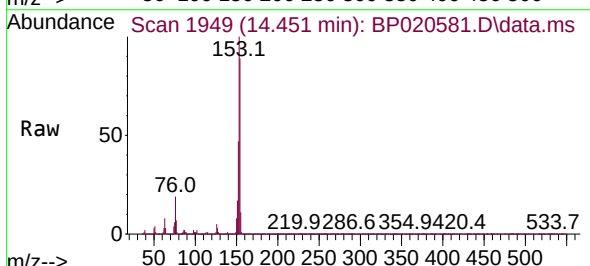
APPROVED

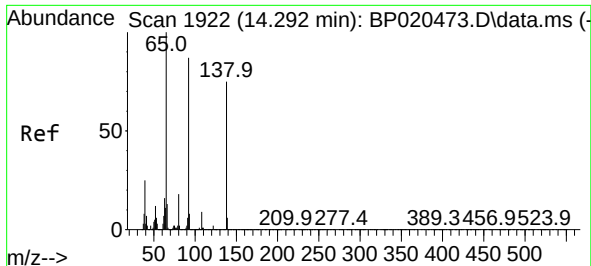
Reviewed By :Jagrut Upadhyay 06/11/2024  
Supervised By :mohammad ahmed 06/13/2024



#52  
Acenaphthene  
Concen: 46.840 ng  
RT: 14.451 min Scan# 1949  
Delta R.T. -0.006 min  
Lab File: BP020581.D  
Acq: 10 Jun 2024 17:39

Tgt Ion:154 Resp: 1298574  
Ion Ratio Lower Upper  
154 100  
153 112.8 90.6 136.0  
152 52.7 42.6 63.8





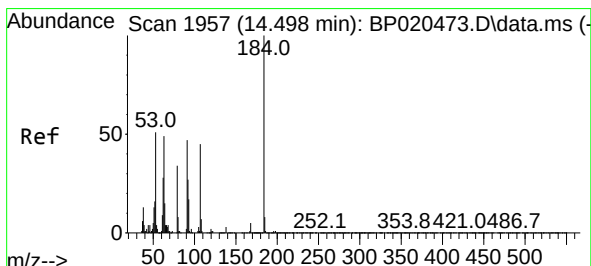
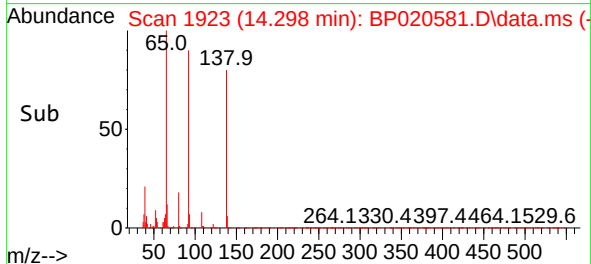
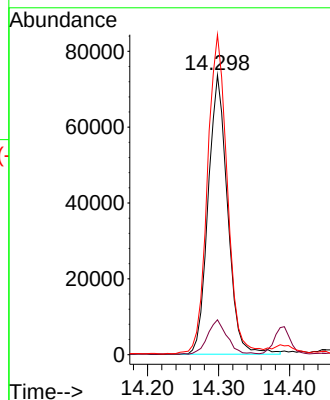
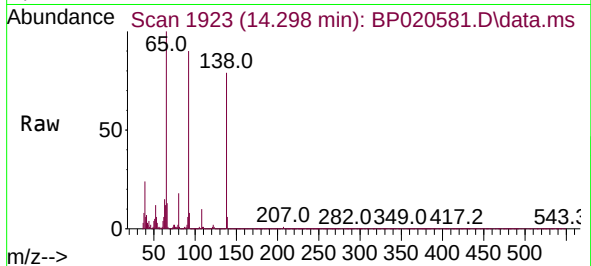
#53  
3-Nitroaniline  
Concen: 17.579 ng  
RT: 14.298 min Scan# 1922  
Delta R.T. 0.006 min  
Lab File: BP020581.D  
Acq: 10 Jun 2024 17:39

Instrument :  
BNA\_P  
ClientSampleId :  
WCS-TPDMS

Tgt Ion:138 Resp: 14025  
Ion Ratio Lower Upper  
138 100  
108 12.5 9.8 14.6  
92 114.5 93.5 140.3

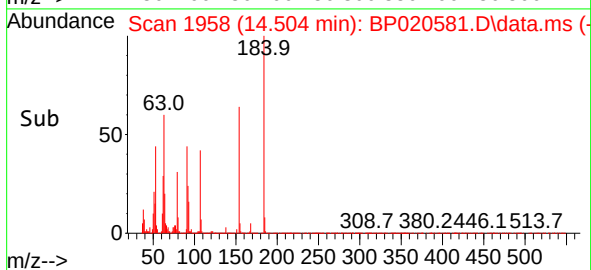
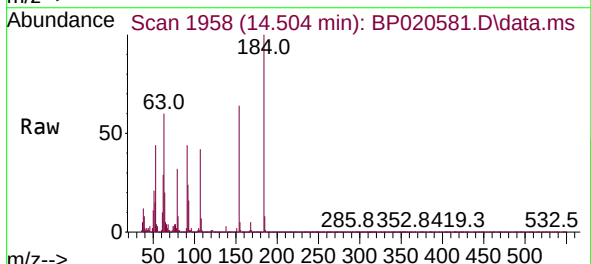
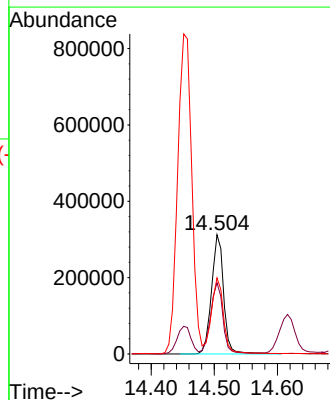
Manual Integrations  
APPROVED

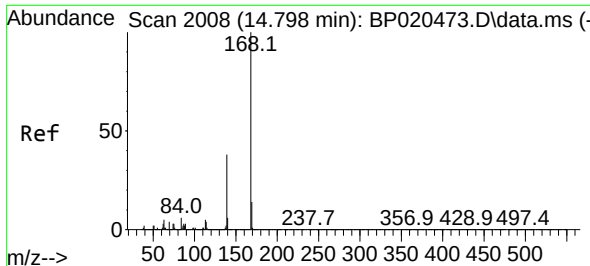
Reviewed By :Jagrut Upadhyay 06/11/2024  
Supervised By :mohammad ahmed 06/13/2024



#54  
2,4-Dinitrophenol  
Concen: 104.807 ng  
RT: 14.504 min Scan# 1958  
Delta R.T. 0.006 min  
Lab File: BP020581.D  
Acq: 10 Jun 2024 17:39

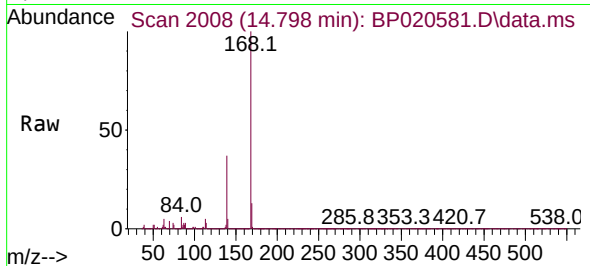
Tgt Ion:184 Resp: 415880  
Ion Ratio Lower Upper  
184 100  
63 59.7 54.2 81.4  
154 63.8 51.0 76.6





#55  
Dibenzenofuran  
Concen: 49.713 ng  
RT: 14.798 min Scan# 2008  
Delta R.T. 0.000 min  
Lab File: BP020581.D  
Acq: 10 Jun 2024 17:39

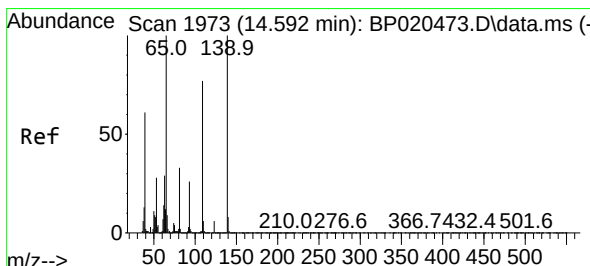
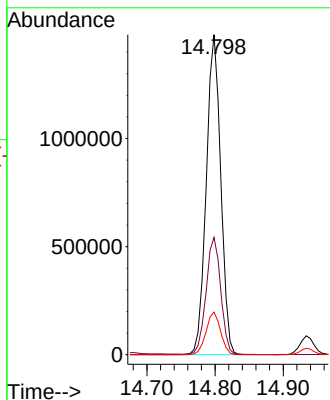
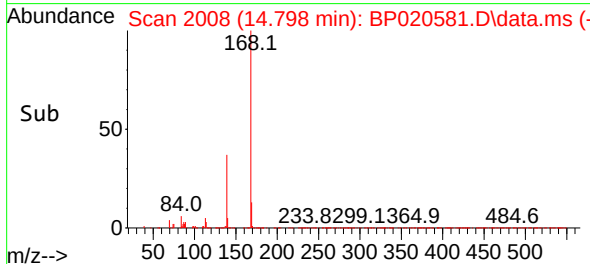
Instrument :  
BNA\_P  
ClientSampleId :  
WCS-TPDMS



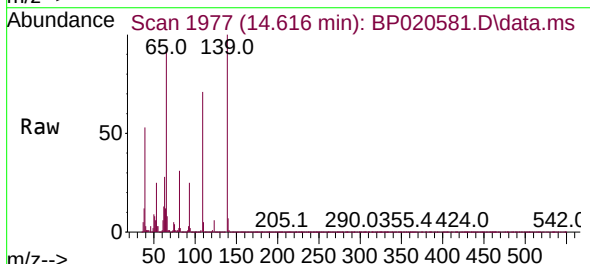
Tgt Ion:168 Resp: 2183249  
Ion Ratio Lower Upper  
168 100  
139 36.6 30.4 45.6  
169 13.3 11.0 16.4

Manual Integrations  
APPROVED

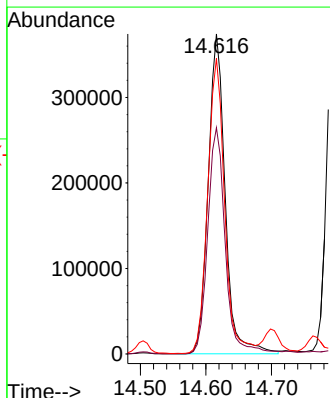
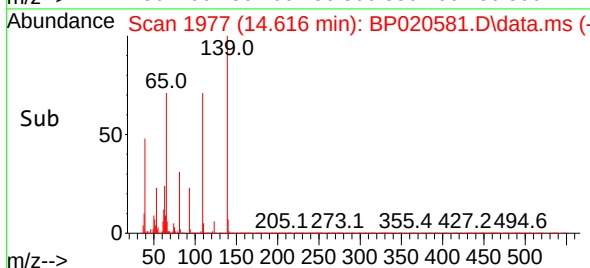
Reviewed By :Jagrut Upadhyay 06/11/2024  
Supervised By :mohammad ahmed 06/13/2024

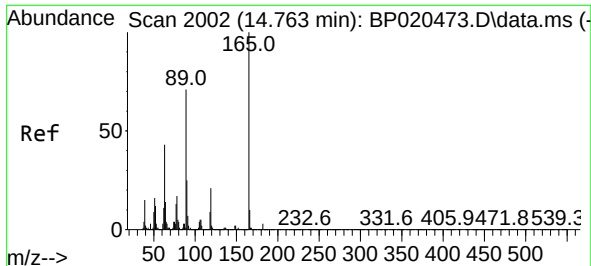


#56  
4-Nitrophenol  
Concen: 109.103 ng  
RT: 14.616 min Scan# 1977  
Delta R.T. 0.024 min  
Lab File: BP020581.D  
Acq: 10 Jun 2024 17:39



Tgt Ion:139 Resp: 673379  
Ion Ratio Lower Upper  
139 100  
109 70.7 57.4 97.4  
65 92.3 80.4 120.4





#57  
2,4-Dinitrotoluene  
Concen: 54.250 ng  
RT: 14.769 min Scan# 2002  
Delta R.T. 0.006 min  
Lab File: BP020581.D  
Acq: 10 Jun 2024 17:39

Instrument :

BNA\_P

ClientSampleId :

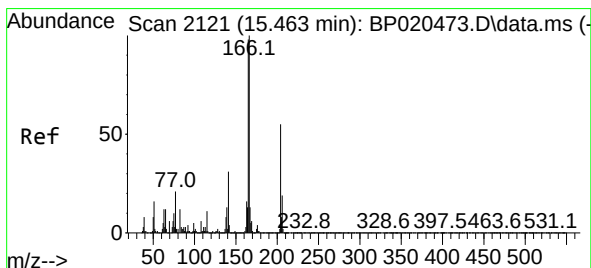
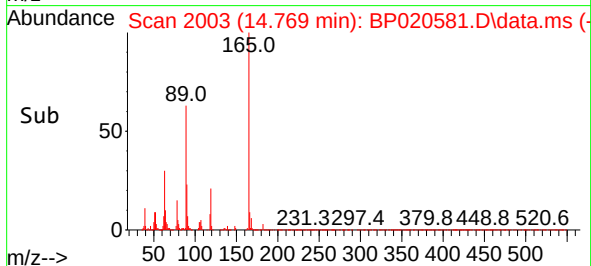
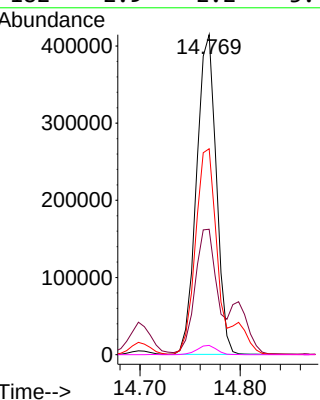
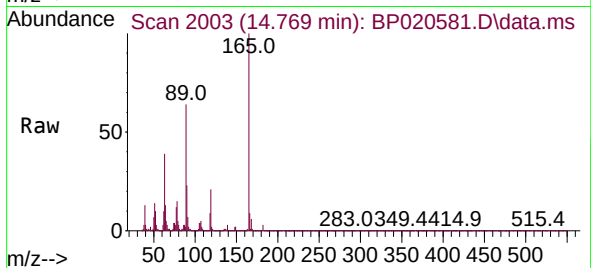
WCS-TPDMS

Tgt Ion:165 Resp: 56710  
Ion Ratio Lower Upper  
165 100  
63 39.2 34.9 52.3  
89 64.3 56.6 85.0  
182 2.9 2.2 3.4

Manual Integrations

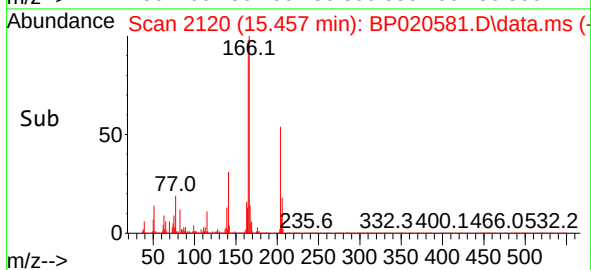
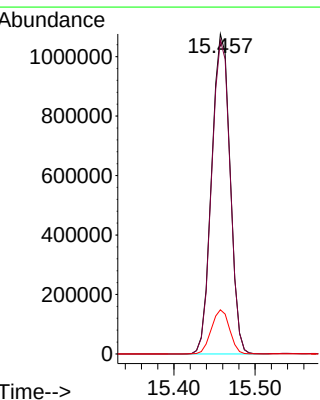
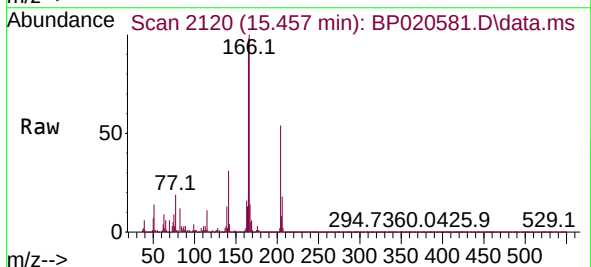
APPROVED

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

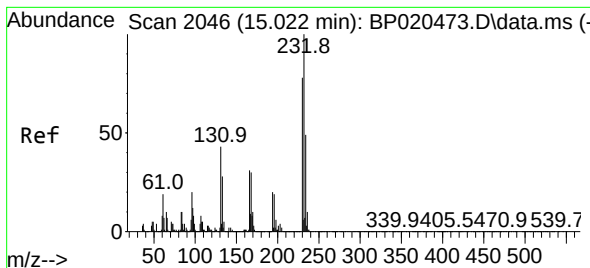


#58  
Fluorene  
Concen: 48.262 ng  
RT: 15.457 min Scan# 2120  
Delta R.T. -0.006 min  
Lab File: BP020581.D  
Acq: 10 Jun 2024 17:39

Tgt Ion:166 Resp: 1701515  
Ion Ratio Lower Upper  
166 100  
165 98.1 78.2 117.4  
167 13.8 10.7 16.1







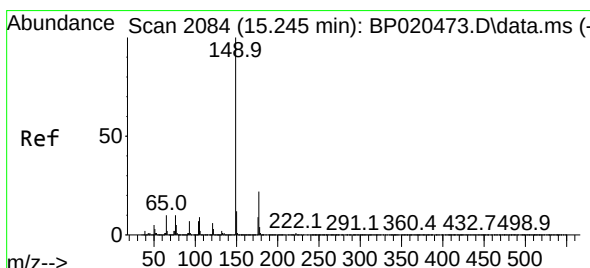
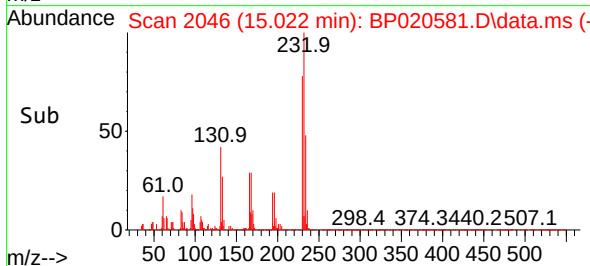
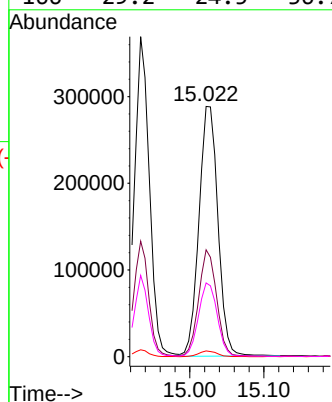
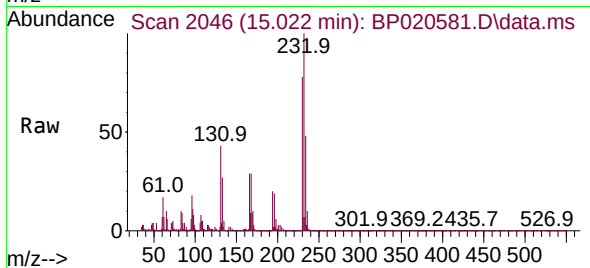
#59  
2,3,4,6-Tetrachlorophenol  
Concen: 58.886 ng  
RT: 15.022 min Scan# 2046  
Delta R.T. 0.000 min  
Lab File: BP020581.D  
Acq: 10 Jun 2024 17:39

Instrument :  
BNA\_P  
ClientSampleId :  
WCS-TPDMS

Tgt Ion:232 Resp: 51333  
Ion Ratio Lower Upper  
232 100  
131 40.4 34.8 52.2  
130 2.3 1.9 2.9  
166 29.2 24.5 36.7

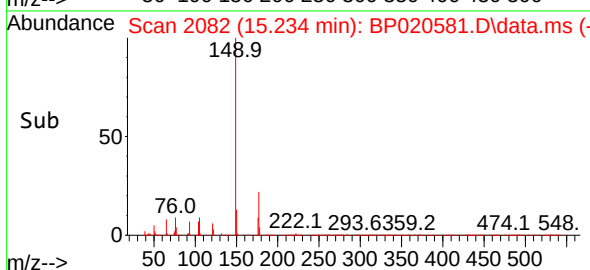
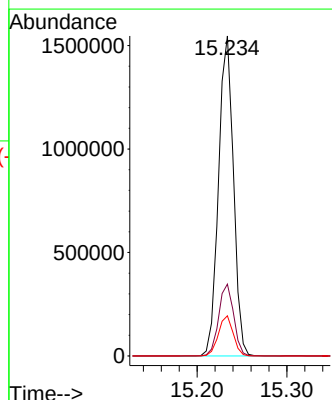
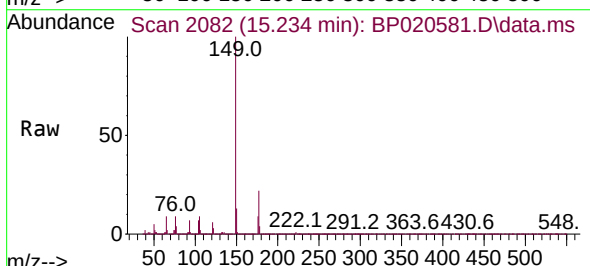
Manual Integrations  
APPROVED

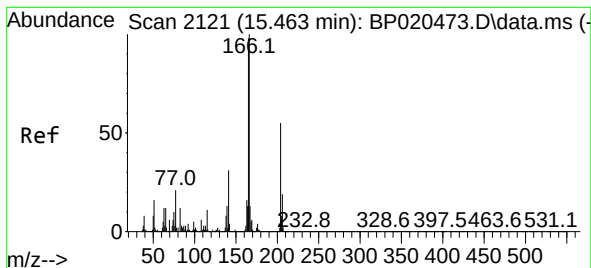
Reviewed By :Jagrut Upadhyay 06/11/2024  
Supervised By :mohammad ahmed 06/13/2024



#60  
Diethylphthalate  
Concen: 47.173 ng  
RT: 15.234 min Scan# 2082  
Delta R.T. -0.012 min  
Lab File: BP020581.D  
Acq: 10 Jun 2024 17:39

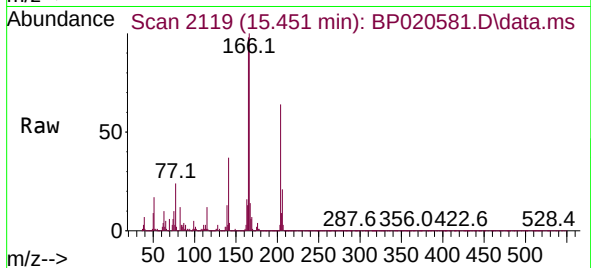
Tgt Ion:149 Resp: 1784511  
Ion Ratio Lower Upper  
149 100  
177 22.5 17.8 26.8  
150 12.6 9.8 14.8





#61  
4-Chlorophenyl-phenylether  
Concen: 48.623 ng  
RT: 15.451 min Scan# 2119  
Delta R.T. -0.012 min  
Lab File: BP020581.D  
Acq: 10 Jun 2024 17:39

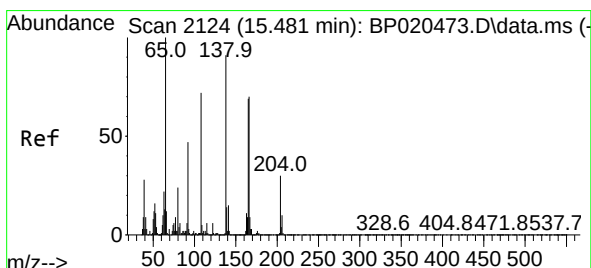
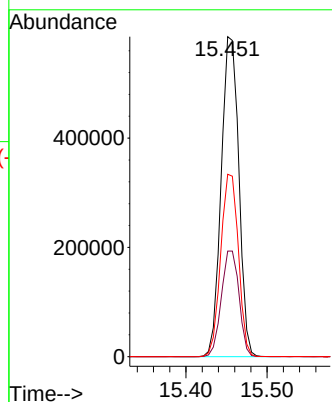
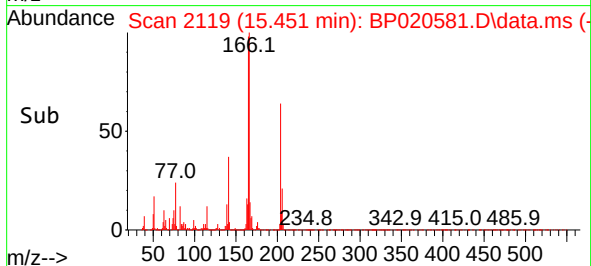
Instrument :  
BNA\_P  
ClientSampleId :  
WCS-TPDMS



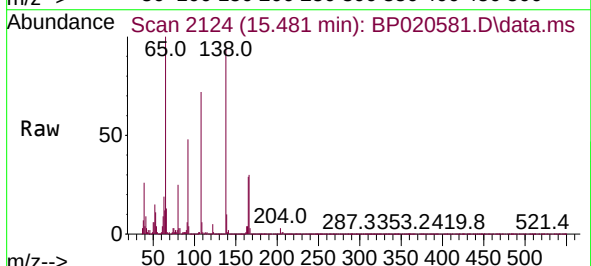
Tgt Ion:204 Resp: 884609  
Ion Ratio Lower Upper  
204 100  
206 33.0 27.0 40.4  
141 57.0 45.0 67.6

Manual Integrations  
APPROVED

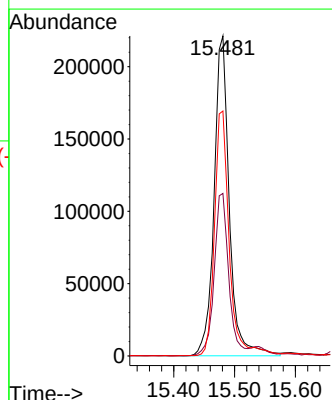
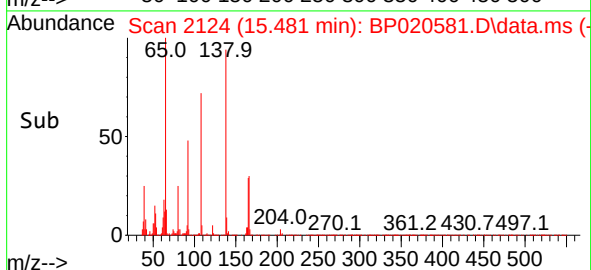
Reviewed By :Jagrut Upadhyay 06/11/2024  
Supervised By :mohammad ahmed 06/13/2024

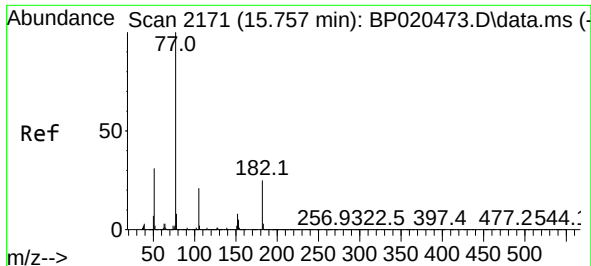


#62  
4-Nitroaniline  
Concen: 46.816 ng  
RT: 15.481 min Scan# 2124  
Delta R.T. 0.000 min  
Lab File: BP020581.D  
Acq: 10 Jun 2024 17:39



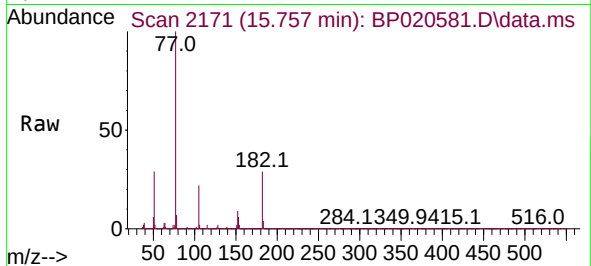
Tgt Ion:138 Resp: 384781  
Ion Ratio Lower Upper  
138 100  
92 50.8 31.7 71.7  
108 76.5 59.9 99.9





#63  
Azobenzene  
Concen: 46.135 ng  
RT: 15.757 min Scan# 2171  
Delta R.T. 0.000 min  
Lab File: BP020581.D  
Acq: 10 Jun 2024 17:39

Instrument :  
BNA\_P  
ClientSampleId :  
WCS-TPDMS

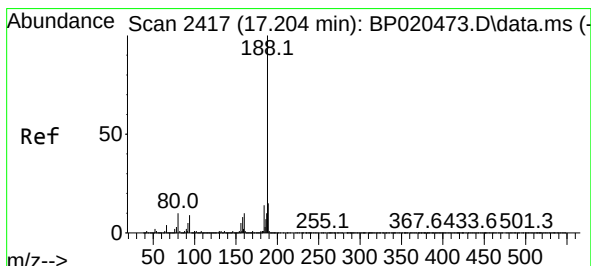
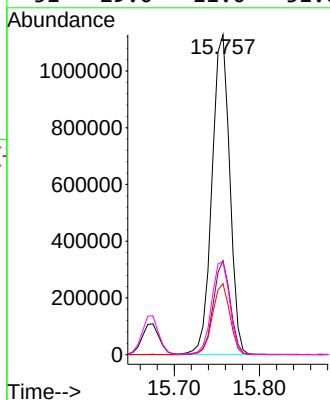
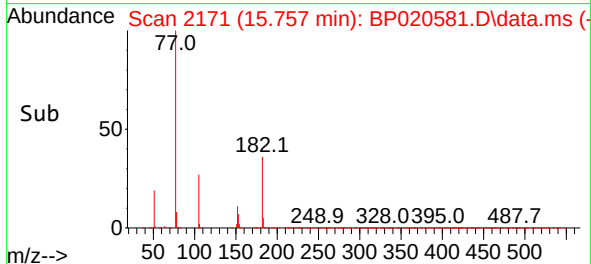


Tgt Ion: 77 Resp: 162965

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 77  | 100   |       |       |
| 182 | 29.4  | 4.6   | 44.6  |
| 105 | 22.2  | 1.2   | 41.2  |
| 51  | 29.0  | 11.0  | 51.0  |

Manual Integrations  
APPROVED

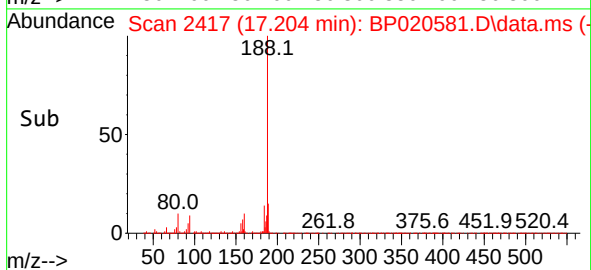
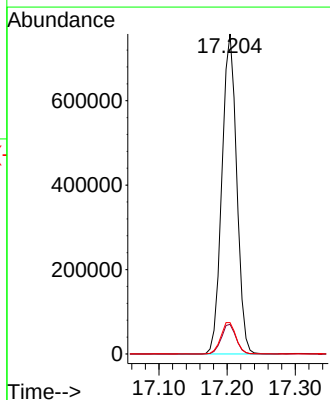
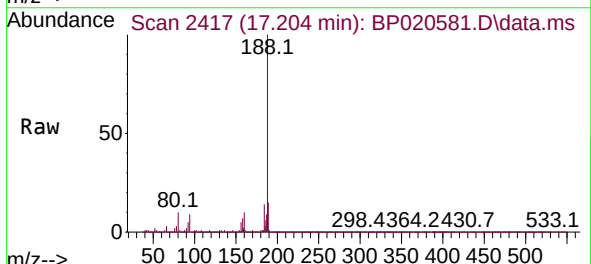
Reviewed By :Jagrut Upadhyay 06/11/2024  
Supervised By :mohammad ahmed 06/13/2024

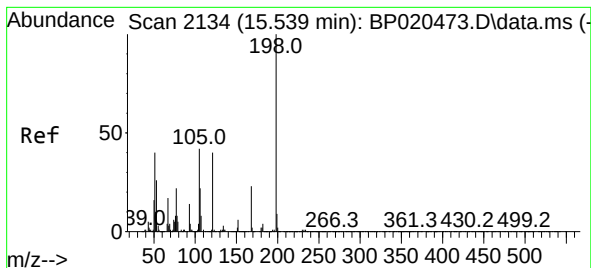


#64  
Phenanthrene-d10  
Concen: 20.000 ng  
RT: 17.204 min Scan# 2417  
Delta R.T. 0.000 min  
Lab File: BP020581.D  
Acq: 10 Jun 2024 17:39

Tgt Ion:188 Resp: 1143710

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 188 | 100   |       |       |
| 94  | 9.3   | 7.2   | 10.8  |
| 80  | 9.8   | 8.1   | 12.1  |





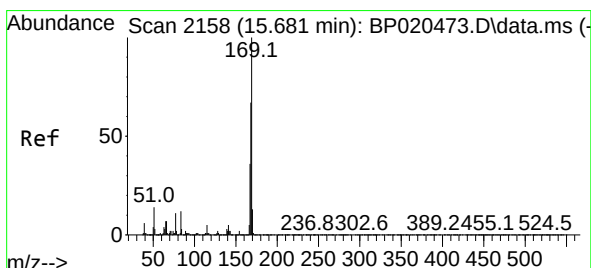
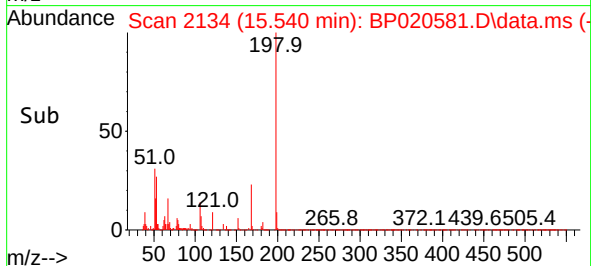
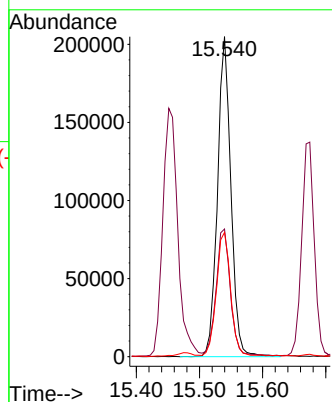
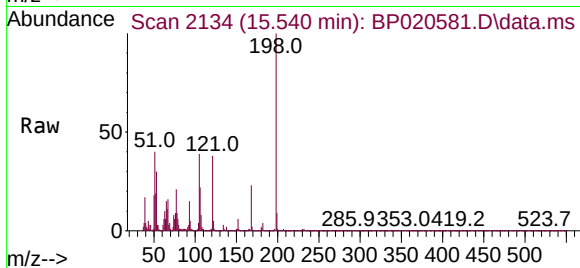
#65  
4,6-Dinitro-2-methylphenol  
Concen: 57.660 ng  
RT: 15.540 min Scan# 2134  
Delta R.T. 0.001 min  
Lab File: BP020581.D  
Acq: 10 Jun 2024 17:39

Instrument :  
BNA\_P  
ClientSampleId :  
WCS-TPDMS

Tgt Ion:198 Resp: 30166  
Ion Ratio Lower Upper  
198 100  
51 39.9 24.8 64.8  
105 38.9 23.2 63.2

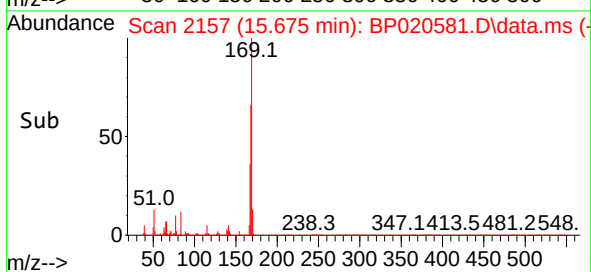
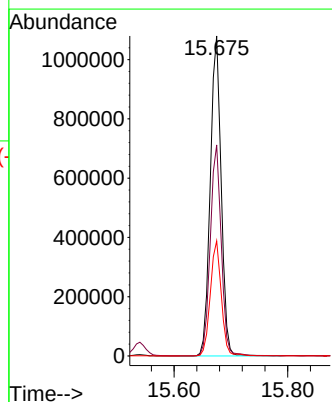
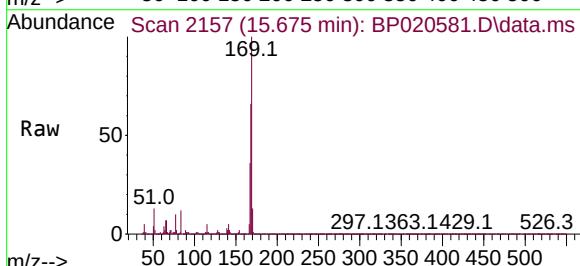
Manual Integrations  
APPROVED

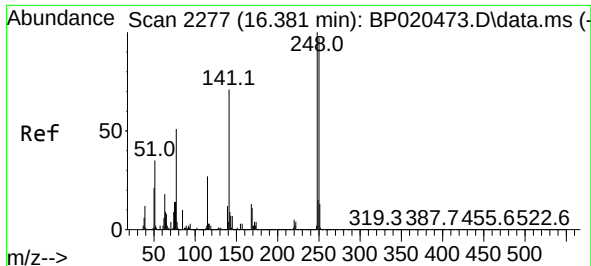
Reviewed By :Jagrut Upadhyay 06/11/2024  
Supervised By :mohammad ahmed 06/13/2024



#66  
n-Nitrosodiphenylamine  
Concen: 45.492 ng  
RT: 15.675 min Scan# 2157  
Delta R.T. -0.006 min  
Lab File: BP020581.D  
Acq: 10 Jun 2024 17:39

Tgt Ion:169 Resp: 1430467  
Ion Ratio Lower Upper  
169 100  
168 66.0 53.4 80.0  
167 36.0 28.7 43.1





#67  
4-Bromophenyl-phenylether  
Concen: 50.125 ng  
RT: 16.375 min Scan# 2277  
Delta R.T. -0.006 min  
Lab File: BP020581.D  
Acq: 10 Jun 2024 17:39

Instrument :

BNA\_P

ClientSampleId :

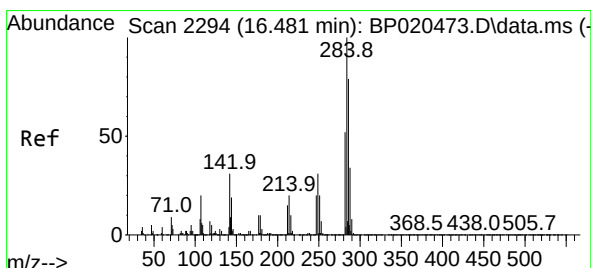
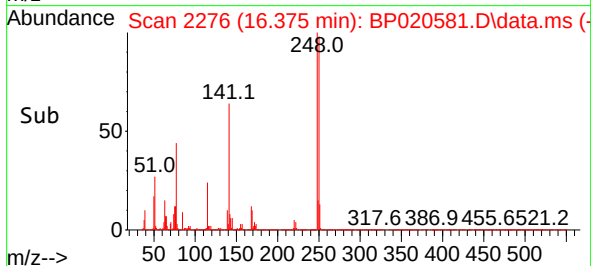
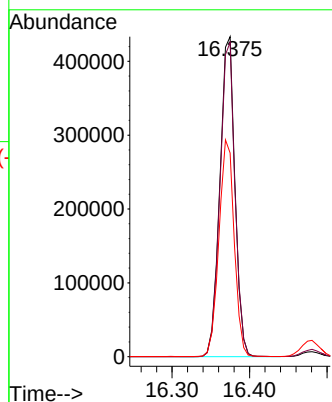
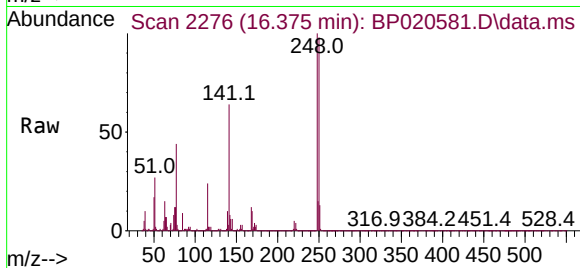
WCS-TPDMS

Tgt Ion:248 Resp: 586499  
Ion Ratio Lower Upper  
248 100  
250 98.2 77.4 116.0  
141 63.6 56.5 84.7

Manual Integrations

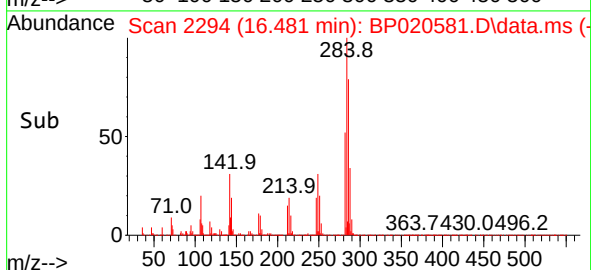
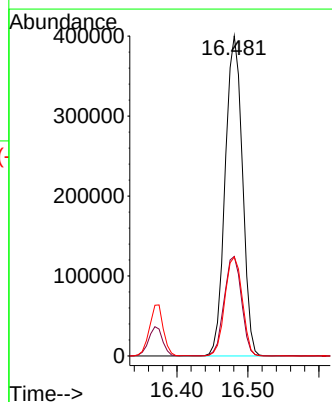
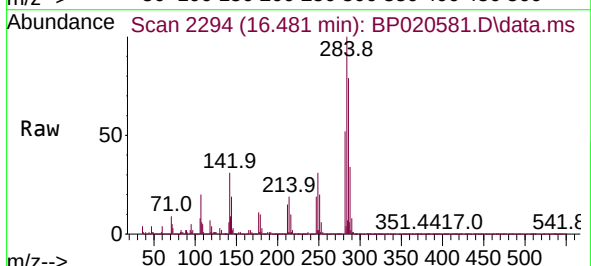
APPROVED

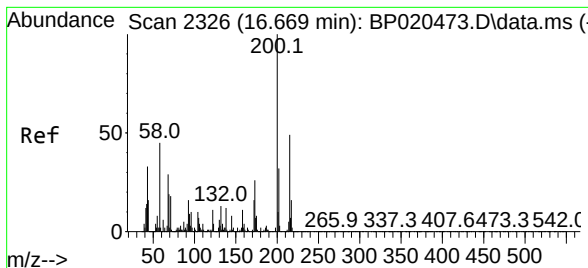
Reviewed By :Jagrut Upadhyay 06/11/2024  
Supervised By :mohammad ahmed 06/13/2024



#68  
Hexachlorobenzene  
Concen: 48.860 ng  
RT: 16.481 min Scan# 2294  
Delta R.T. 0.000 min  
Lab File: BP020581.D  
Acq: 10 Jun 2024 17:39

Tgt Ion:284 Resp: 672839  
Ion Ratio Lower Upper  
284 100  
142 31.1 24.5 36.7  
249 30.9 25.3 37.9





#69

Atrazine

Concen: 39.302 ng

RT: 16.663 min Scan# 21

Delta R.T. -0.006 min

Lab File: BP020581.D

Acq: 10 Jun 2024 17:39

Instrument :

BNA\_P

ClientSampleId :

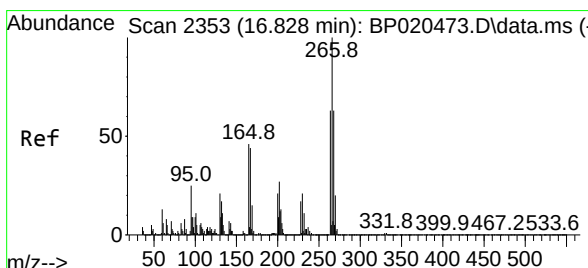
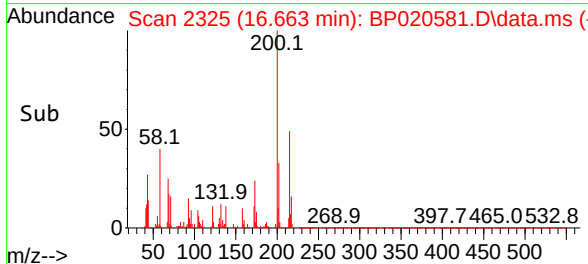
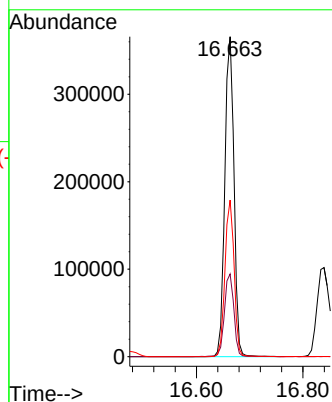
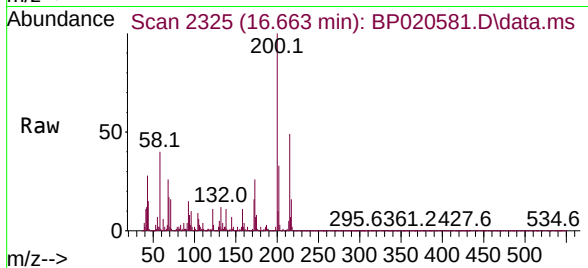
WCS-TPDMS

|             |             |
|-------------|-------------|
| Tgt Ion:200 | Resp: 43477 |
| Ion Ratio   | Lower Upper |
| 200 100     |             |
| 173 25.8    | 6.1 46.1    |
| 215 49.0    | 28.7 68.7   |

Manual Integrations

APPROVED

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



#70

Pentachlorophenol

Concen: 107.788 ng

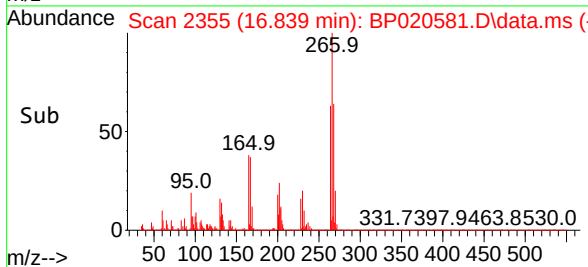
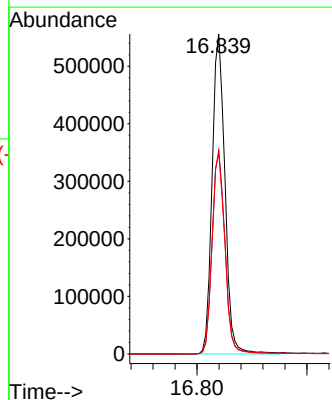
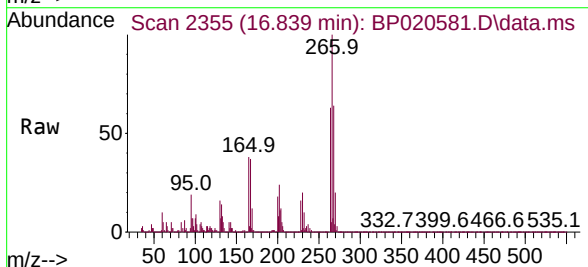
RT: 16.839 min Scan# 2355

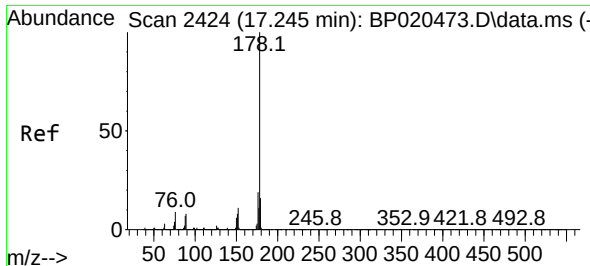
Delta R.T. 0.011 min

Lab File: BP020581.D

Acq: 10 Jun 2024 17:39

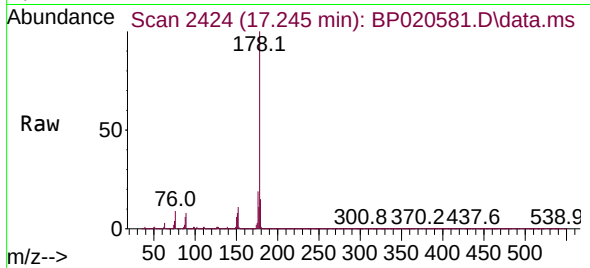
|             |              |
|-------------|--------------|
| Tgt Ion:266 | Resp: 901506 |
| Ion Ratio   | Lower Upper  |
| 266 100     |              |
| 268 63.7    | 50.1 75.1    |
| 264 62.7    | 50.6 76.0    |





#71  
Phenanthrene  
Concen: 50.092 ng  
RT: 17.245 min Scan# 2424  
Delta R.T. 0.000 min  
Lab File: BP020581.D  
Acq: 10 Jun 2024 17:39

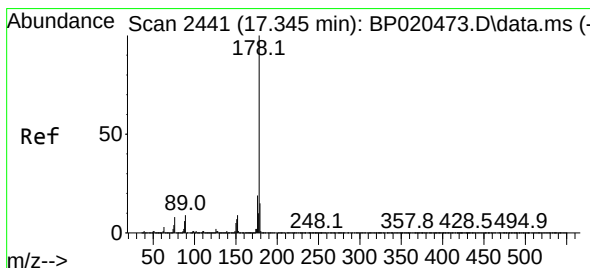
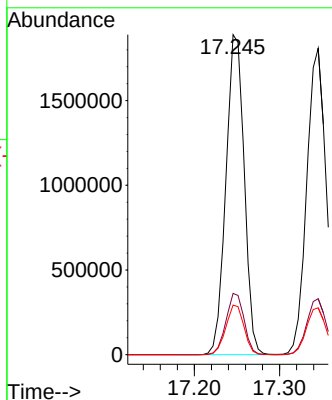
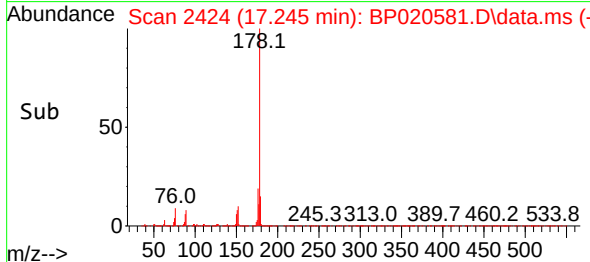
Instrument :  
BNA\_P  
ClientSampleId :  
WCS-TPDMS



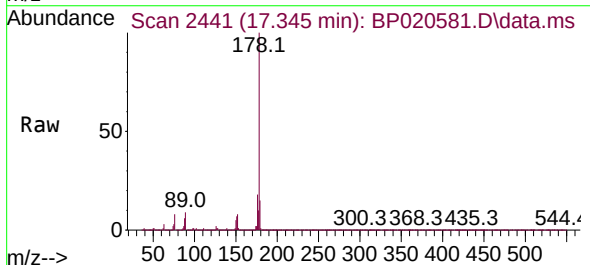
Tgt Ion:178 Resp: 2816264  
Ion Ratio Lower Upper  
178 100  
176 19.1 15.4 23.2  
179 15.5 12.5 18.7

Manual Integrations  
APPROVED

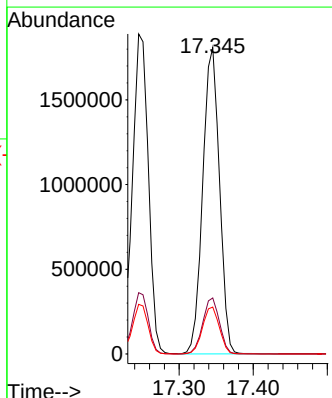
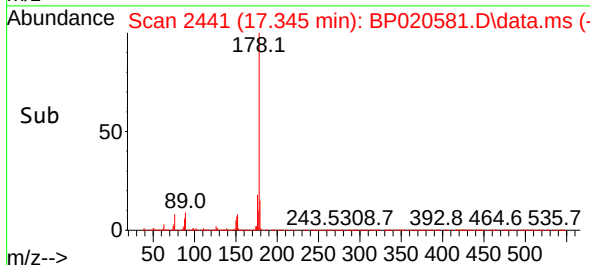
Reviewed By :Jagrut Upadhyay 06/11/2024  
Supervised By :mohammad ahmed 06/13/2024

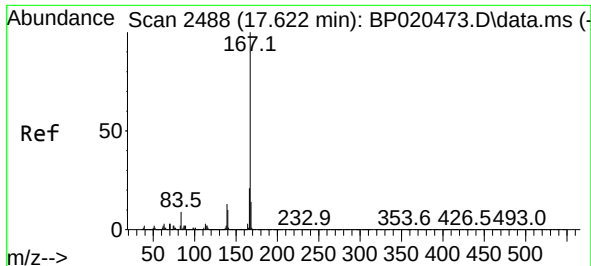


#72  
Anthracene  
Concen: 51.386 ng  
RT: 17.345 min Scan# 2441  
Delta R.T. 0.000 min  
Lab File: BP020581.D  
Acq: 10 Jun 2024 17:39



Tgt Ion:178 Resp: 2834858  
Ion Ratio Lower Upper  
178 100  
176 18.3 14.8 22.2  
179 15.3 12.2 18.4





#73  
 Carbazole  
 Concen: 46.451 ng  
 RT: 17.622 min Scan# 2488  
 Delta R.T. 0.000 min  
 Lab File: BP020581.D  
 Acq: 10 Jun 2024 17:39

Instrument :

BNA\_P

ClientSampleId :

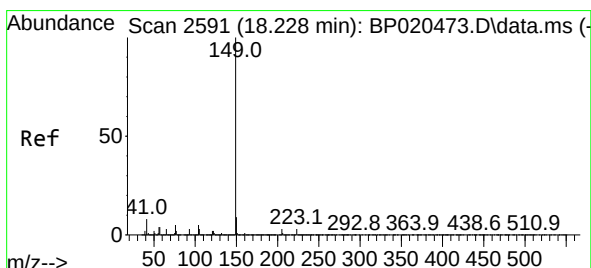
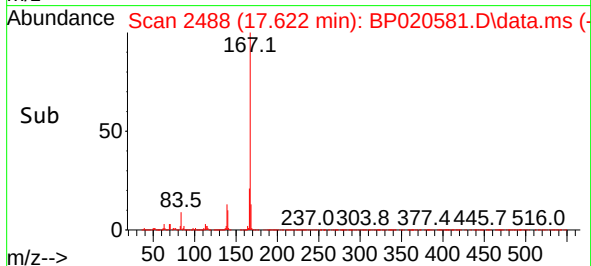
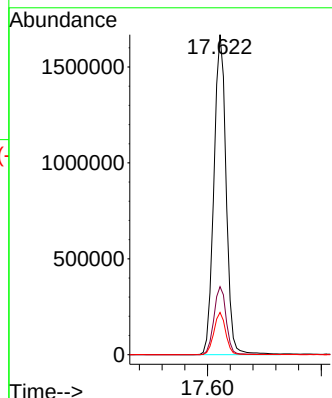
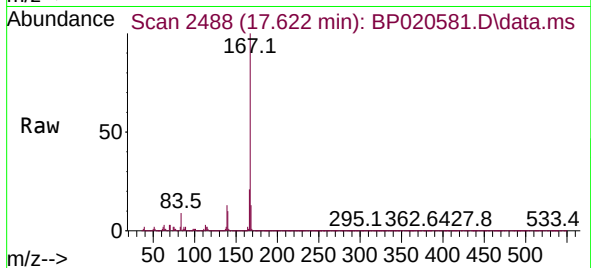
WCS-TPDMS

Tgt Ion:167 Resp: 247879  
 Ion Ratio Lower Upper  
 167 100  
 166 21.3 17.1 25.7  
 139 13.2 10.5 15.7

Manual Integrations

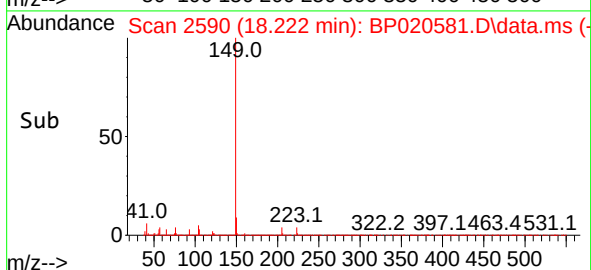
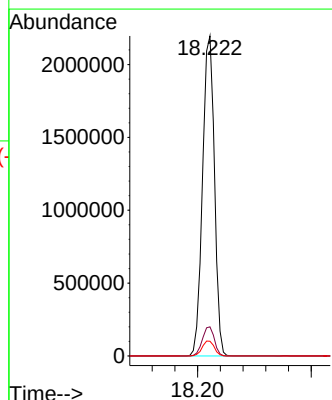
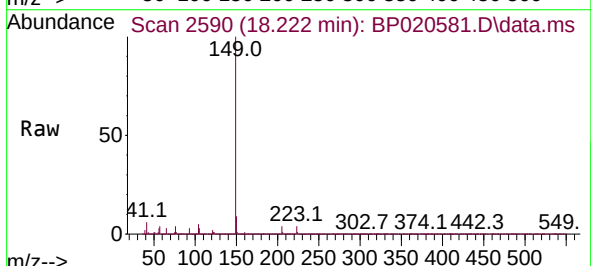
APPROVED

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

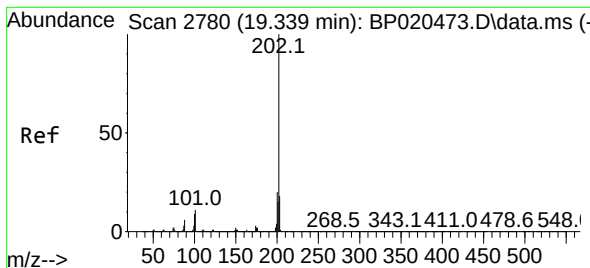


#74  
 Di-n-butylphthalate  
 Concen: 49.348 ng  
 RT: 18.222 min Scan# 2590  
 Delta R.T. -0.006 min  
 Lab File: BP020581.D  
 Acq: 10 Jun 2024 17:39

Tgt Ion:149 Resp: 3189022  
 Ion Ratio Lower Upper  
 149 100  
 150 9.1 7.4 11.2  
 104 4.6 4.2 6.2







#75

Fluoranthene

Concen: 51.223 ng

RT: 19.339 min Scan# 21

Delta R.T. 0.000 min

Lab File: BP020581.D

Acq: 10 Jun 2024 17:39

Instrument :

BNA\_P

ClientSampleId :

WCS-TPDMS

Tgt Ion:202 Resp: 3407000

Ion Ratio Lower Upper

202 100

101 10.4 0.0 31.4

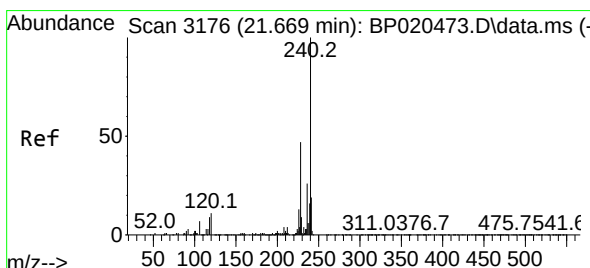
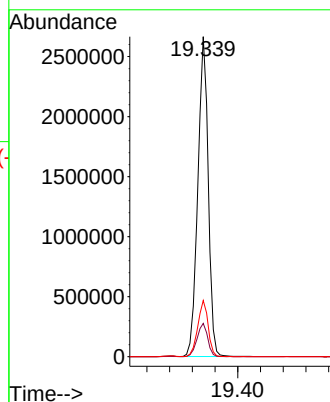
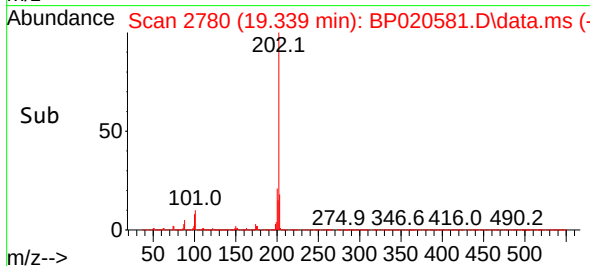
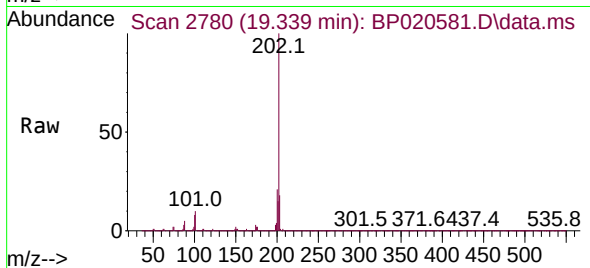
203 17.5 0.0 37.7

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: 21.663 min Scan# 3175

Delta R.T. -0.006 min

Lab File: BP020581.D

Acq: 10 Jun 2024 17:39

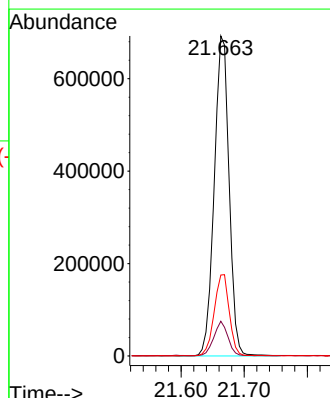
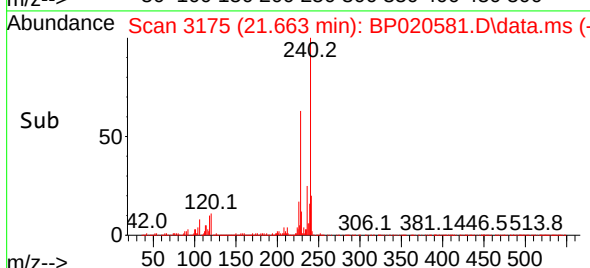
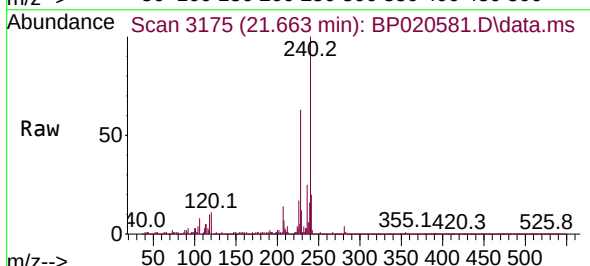
Tgt Ion:240 Resp: 1129557

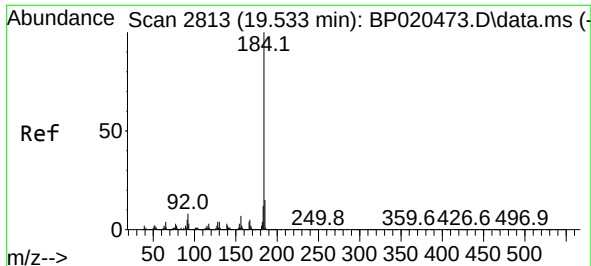
Ion Ratio Lower Upper

240 100

120 10.9 8.5 12.7

236 25.3 20.5 30.7





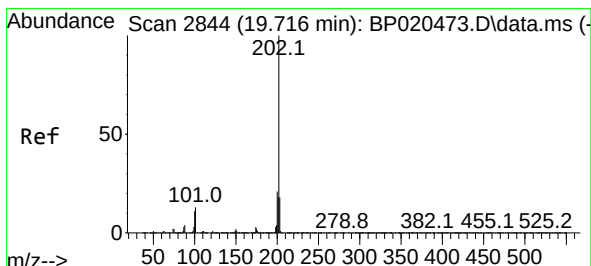
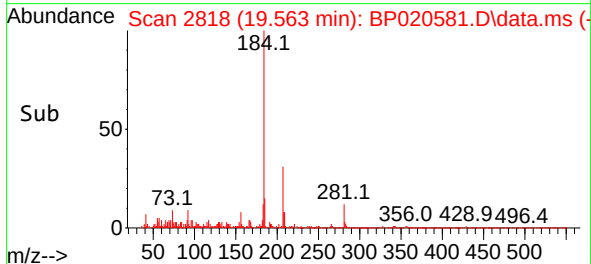
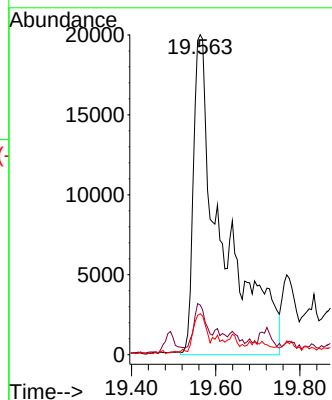
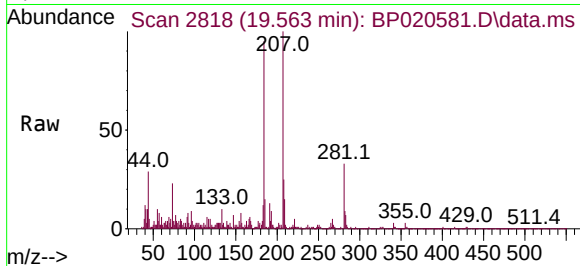
#77  
Benzidine  
Concen: 8.043 ng m  
RT: 19.563 min Scan# 2818  
Delta R.T. 0.030 min  
Lab File: BP020581.D  
Acq: 10 Jun 2024 17:39

Instrument :  
BNA\_P  
ClientSampleId :  
WCS-TPDMS

Tgt Ion:184 Resp: 95020  
Ion Ratio Lower Upper  
184 100  
185 15.5 12.0 18.0  
183 12.8 9.4 14.0

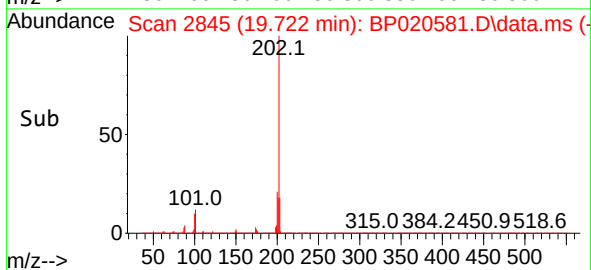
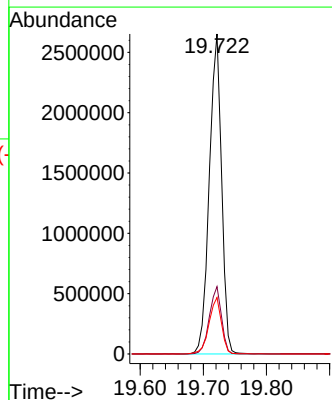
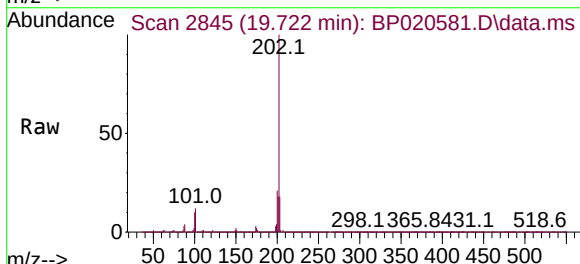
Manual Integrations  
APPROVED

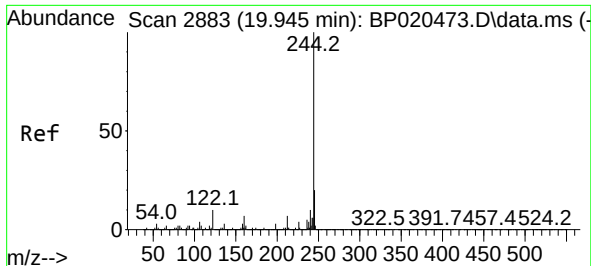
Reviewed By :Jagrut Upadhyay 06/11/2024  
Supervised By :mohammad ahmed 06/13/2024



#78  
Pyrene  
Concen: 42.117 ng  
RT: 19.722 min Scan# 2845  
Delta R.T. 0.006 min  
Lab File: BP020581.D  
Acq: 10 Jun 2024 17:39

Tgt Ion:202 Resp: 3578426  
Ion Ratio Lower Upper  
202 100  
200 21.0 16.9 25.3  
203 17.6 14.1 21.1





#79  
 Terphenyl-d14  
 Concen: 82.737 ng  
 RT: 19.945 min Scan# 2883  
 Delta R.T. 0.000 min  
 Lab File: BP020581.D  
 Acq: 10 Jun 2024 17:39

Instrument :

BNA\_P

ClientSampleId :

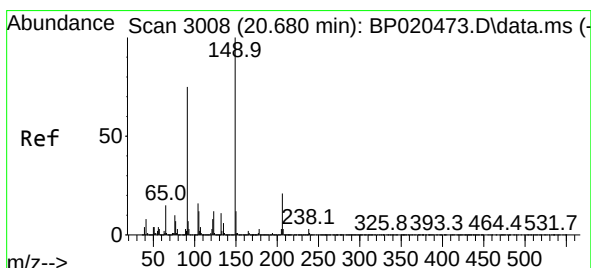
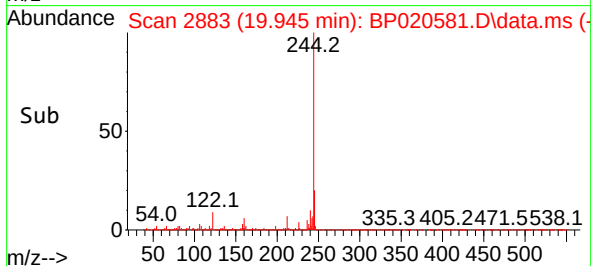
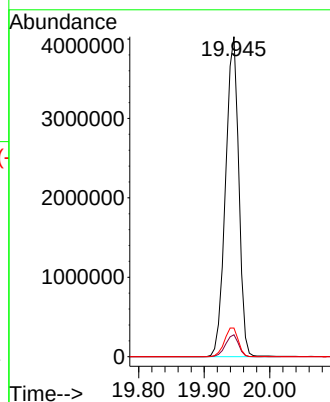
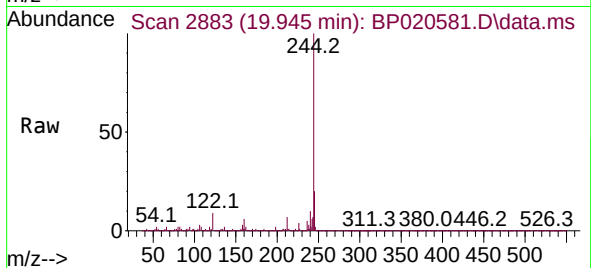
WCS-TPDMS

Tgt Ion:244 Resp: 561393  
 Ion Ratio Lower Upper  
 244 100  
 212 6.8 5.8 8.8  
 122 8.9 8.2 12.2

Manual Integrations

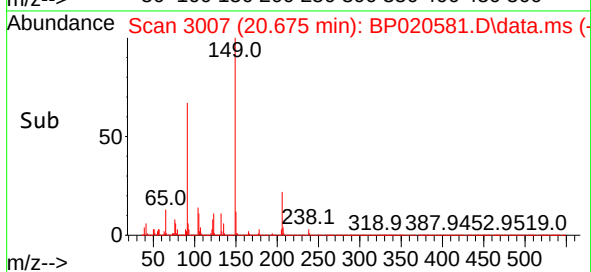
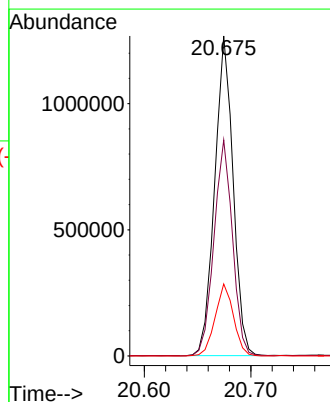
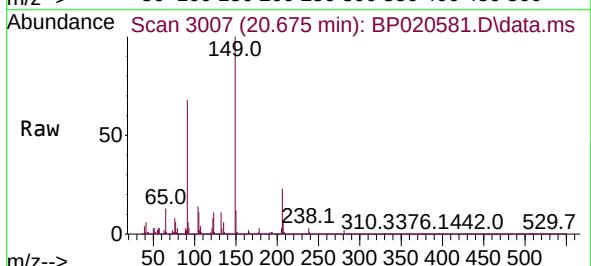
APPROVED

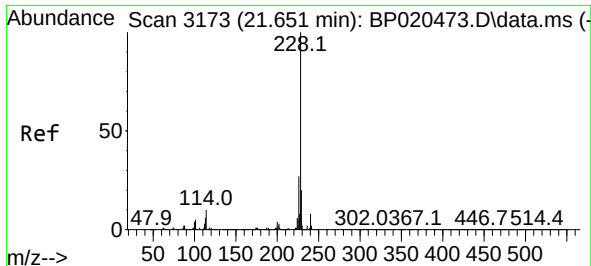
Reviewed By :Jagrut Upadhyay 06/11/2024  
 Supervised By :mohammad ahmed 06/13/2024



#80  
 Butylbenzylphthalate  
 Concen: 44.564 ng  
 RT: 20.675 min Scan# 3007  
 Delta R.T. -0.005 min  
 Lab File: BP020581.D  
 Acq: 10 Jun 2024 17:39

Tgt Ion:149 Resp: 1518549  
 Ion Ratio Lower Upper  
 149 100  
 91 67.5 60.0 90.0  
 206 22.5 16.6 25.0





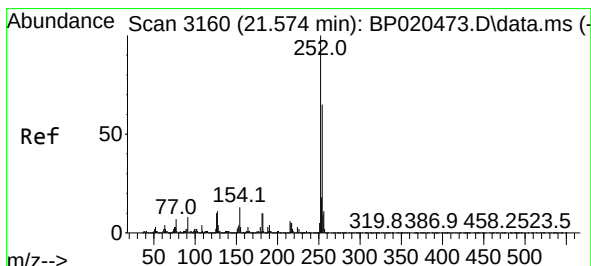
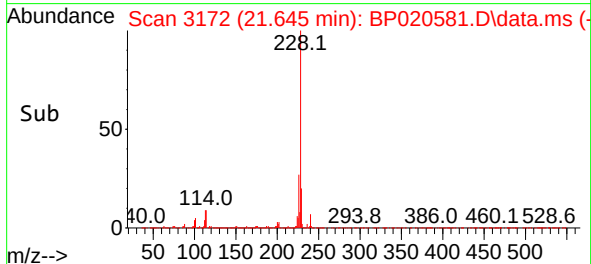
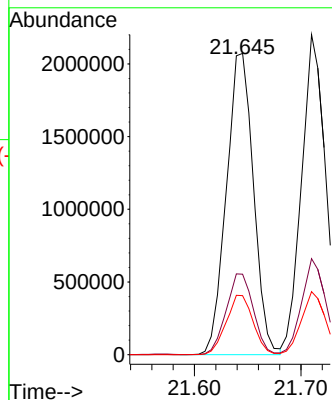
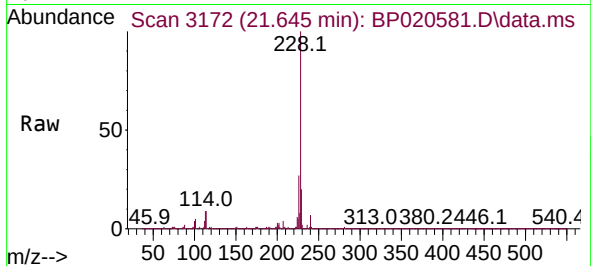
#81  
Benzo(a)anthracene  
Concen: 49.242 ng  
RT: 21.645 min Scan# 3172  
Delta R.T. -0.006 min  
Lab File: BP020581.D  
Acq: 10 Jun 2024 17:39

Instrument :  
BNA\_P  
ClientSampleId :  
WCS-TPDMS

Tgt Ion:228 Resp: 366232  
Ion Ratio Lower Upper  
228 100  
226 26.7 21.7 32.5  
229 19.6 15.8 23.6

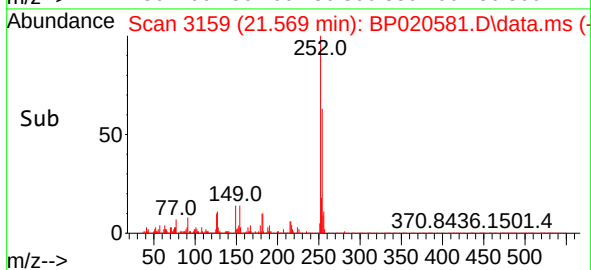
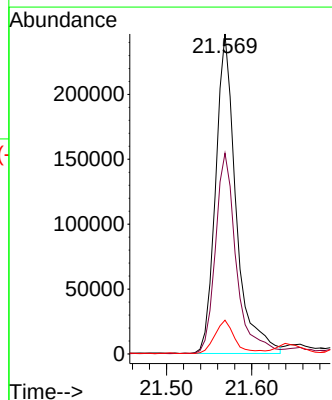
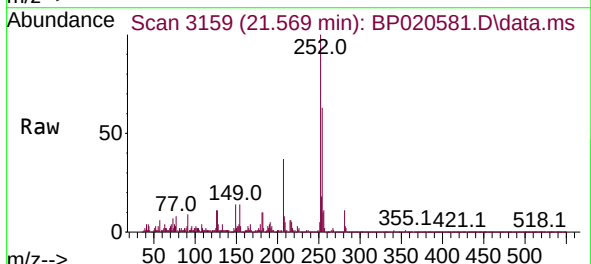
Manual Integrations  
APPROVED

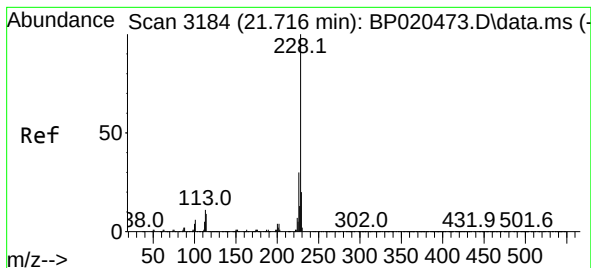
Reviewed By :Jagrut Upadhyay 06/11/2024  
Supervised By :mohammad ahmed 06/13/2024



#82  
3,3'-Dichlorobenzidine  
Concen: 18.571 ng  
RT: 21.569 min Scan# 3159  
Delta R.T. -0.005 min  
Lab File: BP020581.D  
Acq: 10 Jun 2024 17:39

Tgt Ion:252 Resp: 410578  
Ion Ratio Lower Upper  
252 100  
254 62.8 51.7 77.5  
126 10.6 8.3 12.5





#83

Chrysene

Concen: 48.989 ng

RT: 21.710 min Scan# 3184

Delta R.T. -0.006 min

Lab File: BP020581.D

Acq: 10 Jun 2024 17:39

Instrument :

BNA\_P

ClientSampleId :

WCS-TPDMS

Tgt Ion:228 Resp: 3433230

Ion Ratio Lower Upper

228 100

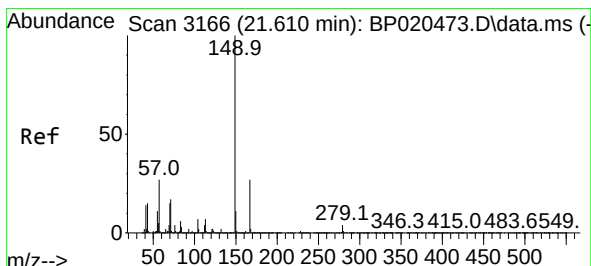
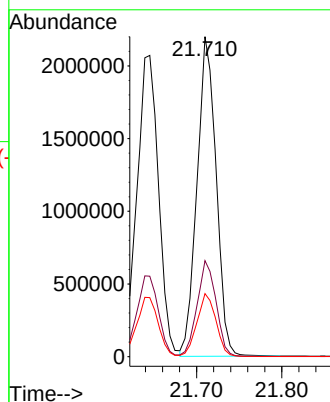
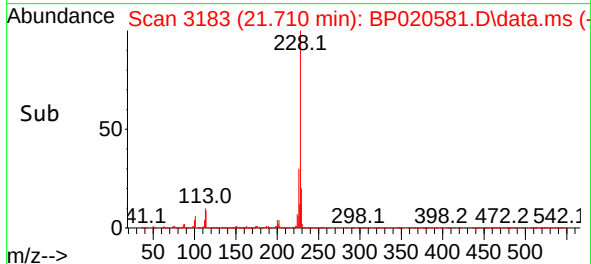
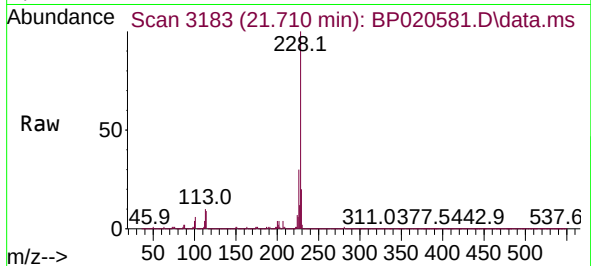
226 30.0 24.0 36.0

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: 45.249 ng

RT: 21.592 min Scan# 3163

Delta R.T. -0.018 min

Lab File: BP020581.D

Acq: 10 Jun 2024 17:39

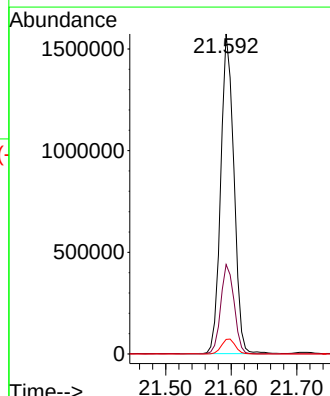
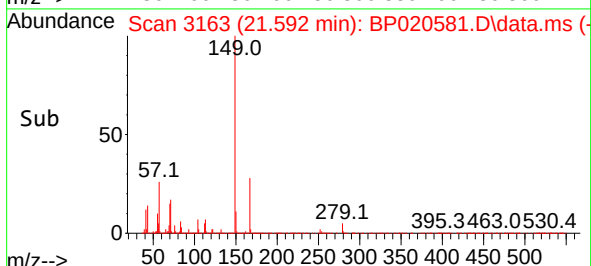
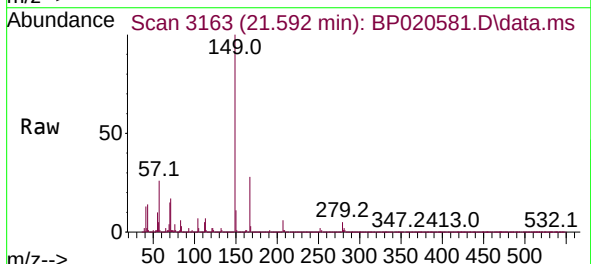
Tgt Ion:149 Resp: 2187967

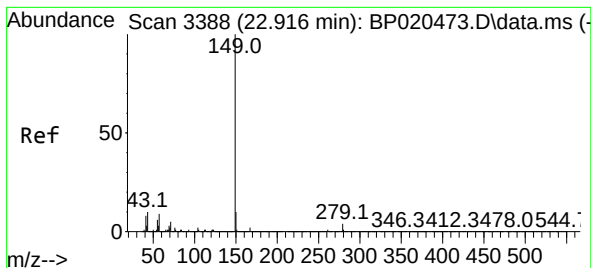
Ion Ratio Lower Upper

149 100

167 28.0 21.8 32.6

279 4.6 3.4 5.0





#85

Di-n-octyl phthalate

Concen: 55.886 ng

RT: 22.886 min Scan# 31

Delta R.T. -0.030 min

Lab File: BP020581.D

Acq: 10 Jun 2024 17:39

Instrument :

BNA\_P

ClientSampleId :

WCS-TPDMS

Tgt Ion:149 Resp: 392770

Ion Ratio Lower Upper

149 100

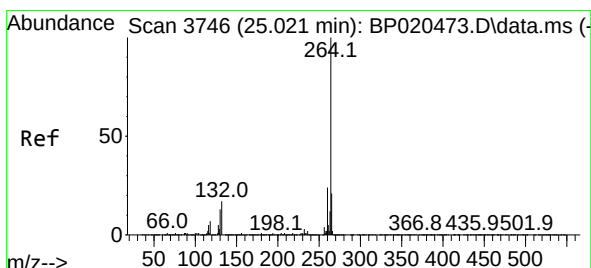
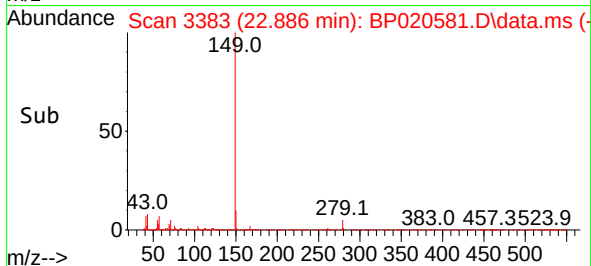
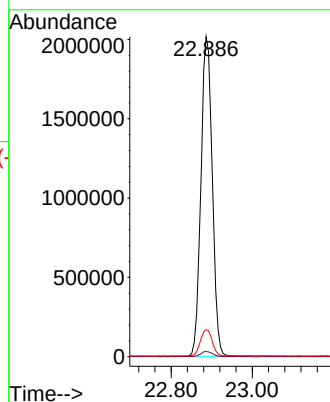
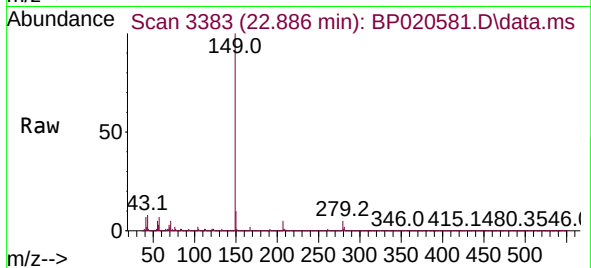
167 1.6 1.3 1.9

43 8.4 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: 25.039 min Scan# 3749

Delta R.T. 0.018 min

Lab File: BP020581.D

Acq: 10 Jun 2024 17:39

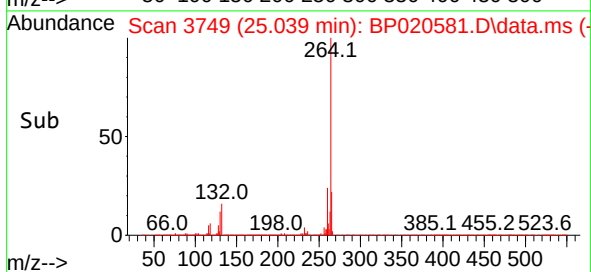
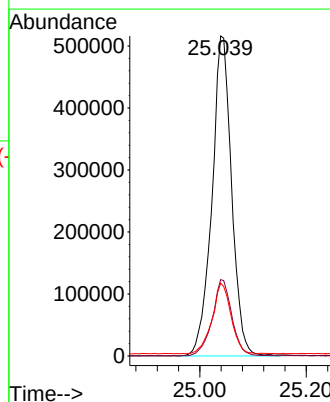
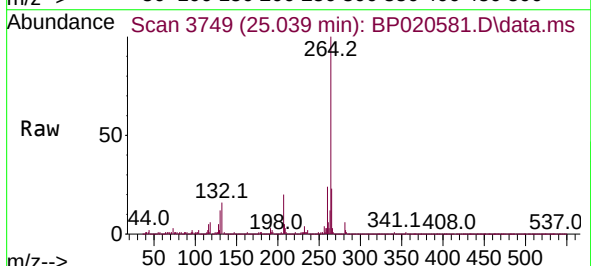
Tgt Ion:264 Resp: 1324346

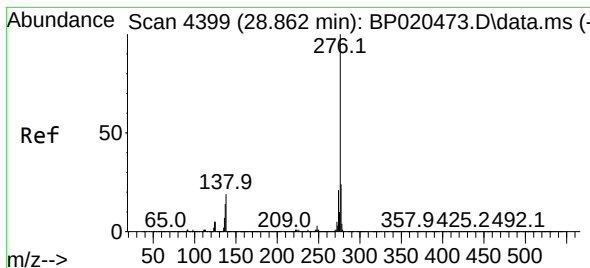
Ion Ratio Lower Upper

264 100

260 23.9 18.9 28.3

265 22.8 17.4 26.0





#87

Indeno(1,2,3-cd)pyrene

Concen: 58.169 ng m

RT: 28.880 min Scan# 4402

Delta R.T. 0.018 min

Lab File: BP020581.D

Acq: 10 Jun 2024 17:39

Instrument :

BNA\_P

ClientSampleId :

WCS-TPDMS

Tgt Ion:276 Resp: 468453

Ion Ratio Lower Upper

276 100

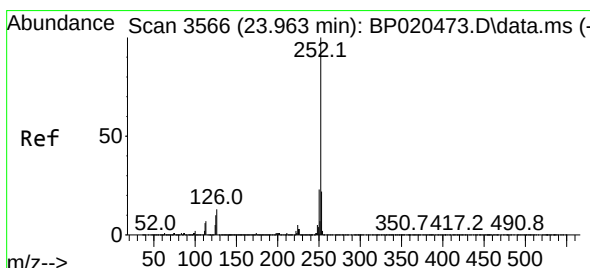
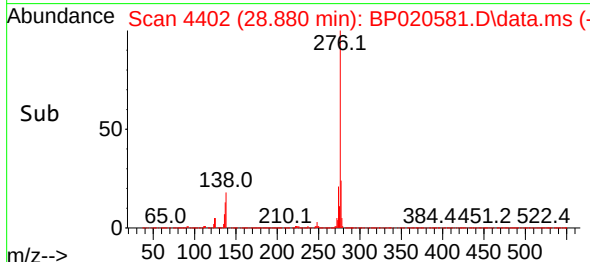
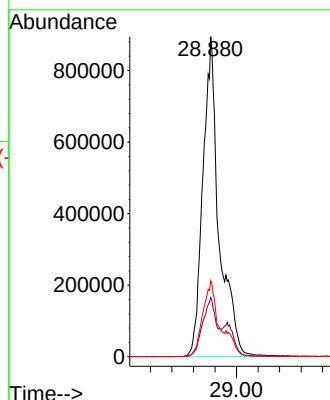
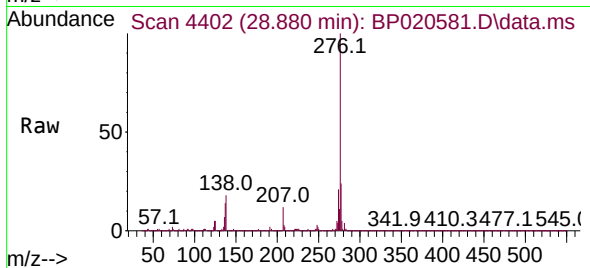
138 15.7 12.8 19.2

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: 46.495 ng

RT: 23.969 min Scan# 3567

Delta R.T. 0.006 min

Lab File: BP020581.D

Acq: 10 Jun 2024 17:39

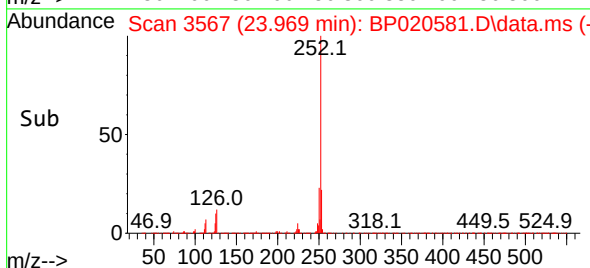
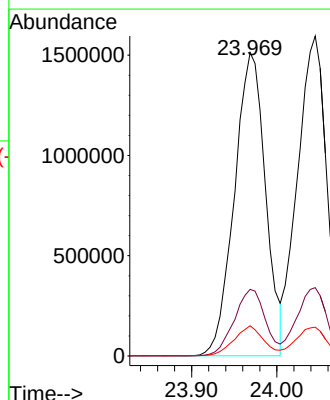
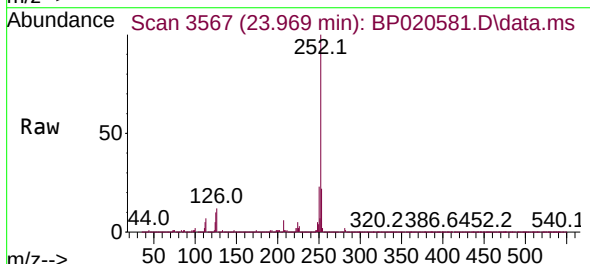
Tgt Ion:252 Resp: 3836051

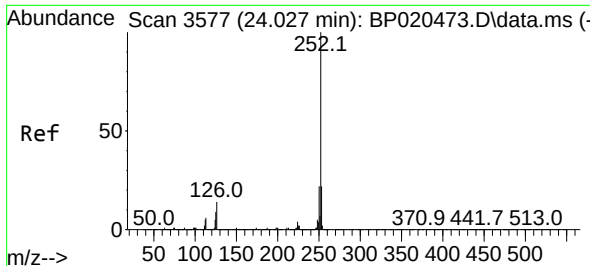
Ion Ratio Lower Upper

252 100

253 21.9 17.6 26.4

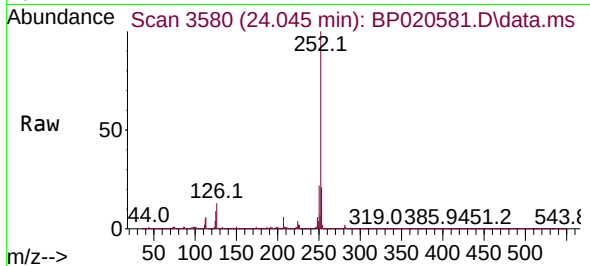
125 10.0 8.0 12.0





#89  
Benzo(k)fluoranthene  
Concen: 47.594 ng  
RT: 24.045 min Scan# 31  
Delta R.T. 0.018 min  
Lab File: BP020581.D  
Acq: 10 Jun 2024 17:39

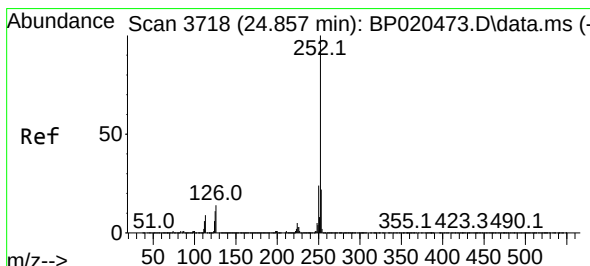
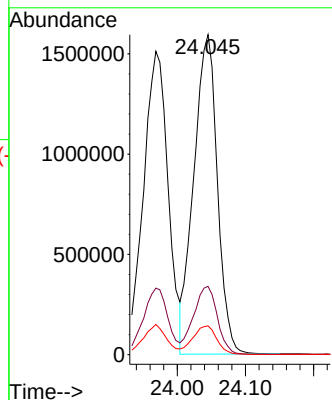
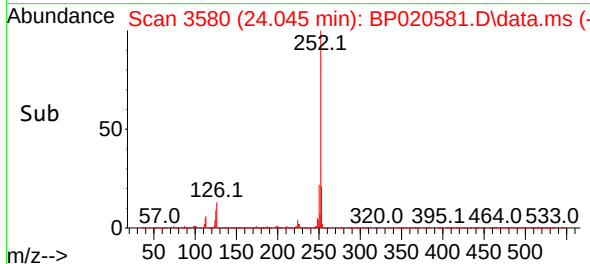
Instrument :  
BNA\_P  
ClientSampleId :  
WCS-TPDMS



Tgt Ion:252 Resp: 382985  
Ion Ratio Lower Upper  
252 100  
253 21.4 17.7 26.5  
125 9.0 7.8 11.6

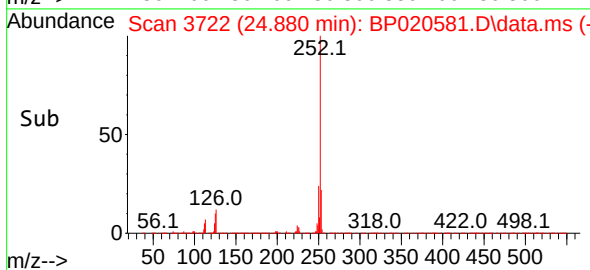
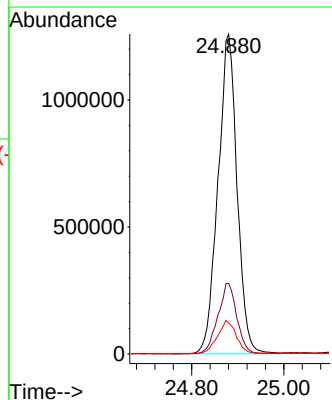
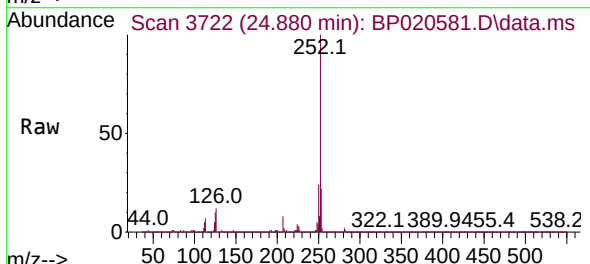
Manual Integrations  
APPROVED

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

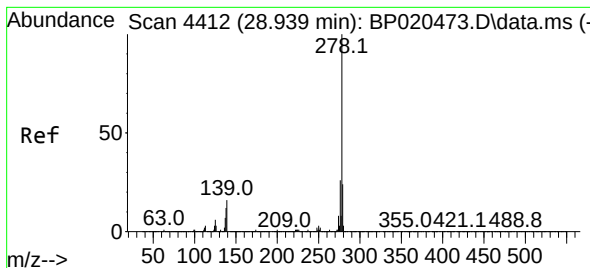


#90  
Benzo(a)pyrene  
Concen: 52.841 ng  
RT: 24.880 min Scan# 3722  
Delta R.T. 0.024 min  
Lab File: BP020581.D  
Acq: 10 Jun 2024 17:39

Tgt Ion:252 Resp: 3610531  
Ion Ratio Lower Upper  
252 100  
253 22.0 17.4 26.2  
125 9.7 8.9 13.3







#91

Dibenzo(a,h)anthracene

Concen: 56.939 ng

RT: 28.962 min Scan# 4416

Delta R.T. 0.024 min

Lab File: BP020581.D

Acq: 10 Jun 2024 17:39

Instrument :

BNA\_P

ClientSampleId :

WCS-TPDMS

Tgt Ion:278 Resp: 382466

Ion Ratio Lower Upper

278 100

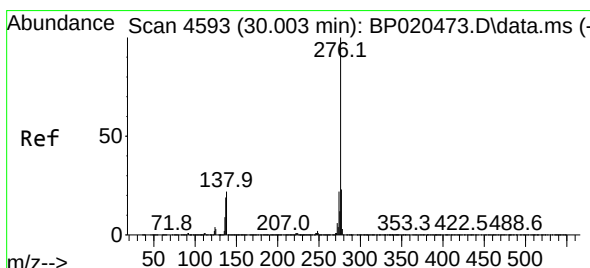
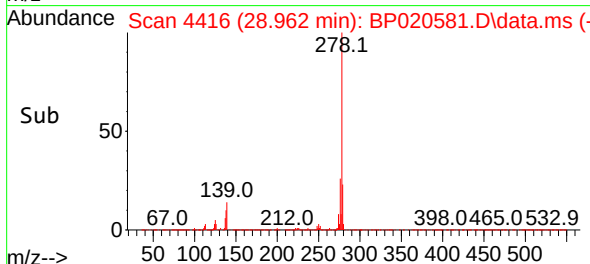
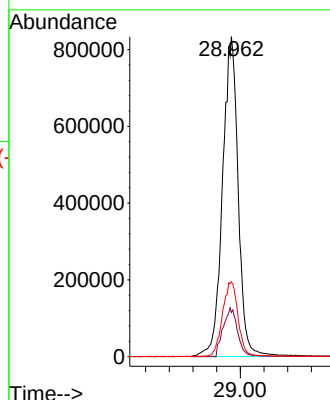
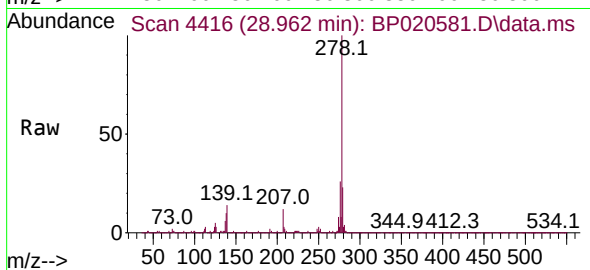
139 13.9 13.0 19.4

279 23.4 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: 53.988 ng

RT: 30.051 min Scan# 4601

Delta R.T. 0.047 min

Lab File: BP020581.D

Acq: 10 Jun 2024 17:39

Tgt Ion:276 Resp: 3624796

Ion Ratio Lower Upper

276 100

277 24.3 18.7 28.1

138 19.5 17.7 26.5

