

Data Path : Z:\svoasrv\HPCHEM1\BNA\_P\Data\BP091924\  
 Data File : BP021953.D  
 Acq On : 19 Sep 2024 16:21  
 Operator : RC/JU  
 Sample : SSTDICC050  
 Misc :  
 ALS Vial : 7 Sample Multiplier: 1

Instrument :  
 BNA\_P  
 ClientSampleId :  
 SSTDICC050

Manual Integrations  
 APPROVED

Reviewed By :Jagrut Upadhyay 09/20/2024  
 Supervised By :mohammad ahmed 09/22/2024

Quant Time: Sep 20 01:04:28 2024  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_P\Methods\8270E-BP091924.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Fri Sep 20 00:59:29 2024  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc    | Units | Dev(Min) |
|-------------------------------|--------|------|----------|---------|-------|----------|
| -----                         |        |      |          |         |       |          |
| Internal Standards            |        |      |          |         |       |          |
| 1) 1,4-Dichlorobenzene-d4     | 7.710  | 152  | 94408    | 20.000  | ng    | 0.00     |
| 21) Naphthalene-d8            | 10.475 | 136  | 358095   | 20.000  | ng    | 0.00     |
| 39) Acenaphthene-d10          | 14.334 | 164  | 272691   | 20.000  | ng    | 0.00     |
| 64) Phenanthrene-d10          | 17.128 | 188  | 657917   | 20.000  | ng    | -0.01    |
| 76) Chrysene-d12              | 21.569 | 240  | 730708   | 20.000  | ng    | 0.00     |
| 86) Perylene-d12              | 24.863 | 264  | 828238   | 20.000  | ng    | 0.00     |
| System Monitoring Compounds   |        |      |          |         |       |          |
| 5) 2-Fluorophenol             | 5.334  | 112  | 482183   | 95.983  | ng    | 0.00     |
| 7) Phenol-d6                  | 6.893  | 99   | 635268   | 97.410  | ng    | 0.00     |
| 23) Nitrobenzene-d5           | 8.852  | 82   | 677878   | 100.165 | ng    | 0.00     |
| 42) 2,4,6-Tribromophenol      | 15.845 | 330  | 514730   | 101.818 | ng    | -0.01    |
| 45) 2-Fluorobiphenyl          | 12.945 | 172  | 1811829  | 96.991  | ng    | 0.00     |
| 79) Terphenyl-d14             | 19.857 | 244  | 3863171  | 99.313  | ng    | 0.00     |
| Target Compounds              |        |      |          |         |       | Qvalue   |
| 2) 1,4-Dioxane                | 3.258  | 88   | 100790   | 48.317  | ng    | 99       |
| 3) Pyridine                   | 3.652  | 79   | 266980m  | 47.996  | ng    |          |
| 4) n-Nitrosodimethylamine     | 3.558  | 42   | 139393   | 47.497  | ng    | 99       |
| 6) Aniline                    | 7.052  | 93   | 279629   | 48.794  | ng    | 99       |
| 8) 2-Chlorophenol             | 7.287  | 128  | 260680   | 48.528  | ng    | 97       |
| 9) Benzaldehyde               | 6.863  | 77   | 157473   | 45.992  | ng    | 97       |
| 10) Phenol                    | 6.922  | 94   | 317527   | 49.021  | ng    | 97       |
| 11) bis(2-Chloroethyl)ether   | 7.146  | 93   | 237528   | 48.682  | ng    | 99       |
| 12) 1,3-Dichlorobenzene       | 7.605  | 146  | 325382   | 47.978  | ng    | 99       |
| 13) 1,4-Dichlorobenzene       | 7.752  | 146  | 329567   | 47.917  | ng    | 99       |
| 14) 1,2-Dichlorobenzene       | 8.063  | 146  | 312971   | 47.410  | ng    | 97       |
| 15) Benzyl Alcohol            | 7.946  | 79   | 256977   | 51.380  | ng    | 98       |
| 16) 2,2'-oxybis(1-Chloropr... | 8.234  | 45   | 253754   | 49.079  | ng    | 99       |
| 17) 2-Methylphenol            | 8.152  | 107  | 220079   | 50.295  | ng    | 99       |
| 18) Hexachloroethane          | 8.781  | 117  | 121506   | 48.045  | ng    | 97       |
| 19) n-Nitroso-di-n-propyla... | 8.510  | 70   | 207155   | 51.105  | ng    | 98       |
| 20) 3+4-Methylphenols         | 8.475  | 107  | 312897   | 50.654  | ng    | 99       |
| 22) Acetophenone              | 8.522  | 105  | 431686   | 49.418  | ng    | # 99     |
| 24) Nitrobenzene              | 8.893  | 77   | 339853   | 49.451  | ng    | 98       |
| 25) Isophorone                | 9.416  | 82   | 567201   | 50.836  | ng    | 99       |
| 26) 2-Nitrophenol             | 9.599  | 139  | 156532   | 52.091  | ng    | 95       |
| 27) 2,4-Dimethylphenol        | 9.663  | 122  | 175249   | 50.366  | ng    | 98       |
| 28) bis(2-Chloroethoxy)met... | 9.893  | 93   | 332782   | 49.744  | ng    | 99       |
| 29) 2,4-Dichlorophenol        | 10.128 | 162  | 297003   | 50.288  | ng    | 96       |
| 30) 1,2,4-Trichlorobenzene    | 10.340 | 180  | 359447   | 48.861  | ng    | 99       |
| 31) Naphthalene               | 10.522 | 128  | 874430   | 48.938  | ng    | 99       |
| 32) Benzoic acid              | 9.810  | 122  | 223399   | 53.888  | ng    | 97       |
| 33) 4-Chloroaniline           | 10.634 | 127  | 325483   | 50.501  | ng    | 98       |
| 34) Hexachlorobutadiene       | 10.810 | 225  | 278017   | 48.309  | ng    | 97       |
| 35) Caprolactam               | 11.422 | 113  | 91755    | 52.301  | ng    | 96       |
| 36) 4-Chloro-3-methylphenol   | 11.757 | 107  | 332888   | 52.537  | ng    | 98       |
| 37) 2-Methylnaphthalene       | 12.134 | 142  | 664671   | 50.843  | ng    | 99       |
| 38) 1-Methylnaphthalene       | 12.357 | 142  | 652712   | 50.570  | ng    | 99       |
| 40) 1,2,4,5-Tetrachloroben... | 12.510 | 216  | 465359   | 48.777  | ng    | 99       |
| 41) Hexachlorocyclopentadiene | 12.487 | 237  | 175212   | 49.428  | ng    | 100      |
| 43) 2,4,6-Trichlorophenol     | 12.746 | 196  | 299577   | 51.159  | ng    | 98       |

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 Sample : SSTDICC050  
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 ALS Vial : 7 Sample Multiplier: 1

Instrument :  
 BNA\_P  
 ClientSampleId :  
 SSTDICC050

Manual Integrations  
 APPROVED

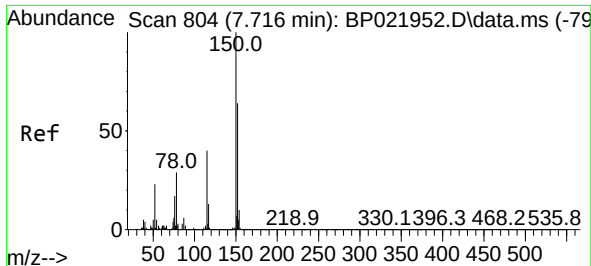
Reviewed By :Jagrut Upadhyay 09/20/2024  
 Supervised By :mohammad ahmed 09/22/2024

Quant Time: Sep 20 01:04:28 2024  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_P\Methods\8270E-BP091924.M  
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 QLast Update : Fri Sep 20 00:59:29 2024  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc   | Units | Dev(Min) |
|-------------------------------|--------|------|----------|--------|-------|----------|
| 44) 2,4,5-Trichlorophenol     | 12.822 | 196  | 338173   | 51.480 | ng    | 97       |
| 46) 1,1'-Biphenyl             | 13.151 | 154  | 905360   | 48.693 | ng    | 99       |
| 47) 2-Chloronaphthalene       | 13.193 | 162  | 734381   | 48.848 | ng    | 99       |
| 48) 2-Nitroaniline            | 13.398 | 65   | 214843   | 52.334 | ng    | 96       |
| 49) Acenaphthylene            | 14.051 | 152  | 1069460  | 50.413 | ng    | 99       |
| 50) Dimethylphthalate         | 13.787 | 163  | 977906   | 49.445 | ng    | 99       |
| 51) 2,6-Dinitrotoluene        | 13.904 | 165  | 222759   | 50.546 | ng    | 99       |
| 52) Acenaphthene              | 14.404 | 154  | 687465   | 49.792 | ng    | 99       |
| 53) 3-Nitroaniline            | 14.234 | 138  | 205248   | 52.257 | ng    | 95       |
| 54) 2,4-Dinitrophenol         | 14.445 | 184  | 138077   | 53.474 | ng    | 98       |
| 55) Dibenzofuran              | 14.740 | 168  | 1131423  | 48.753 | ng    | 99       |
| 56) 4-Nitrophenol             | 14.551 | 139  | 182941   | 53.511 | ng    | 98       |
| 57) 2,4-Dinitrotoluene        | 14.704 | 165  | 322666   | 51.791 | ng    | 98       |
| 58) Fluorene                  | 15.404 | 166  | 946566   | 48.842 | ng    | 99       |
| 59) 2,3,4,6-Tetrachlorophenol | 14.969 | 232  | 319659   | 50.421 | ng    | 100      |
| 60) Diethylphthalate          | 15.169 | 149  | 996073   | 49.562 | ng    | 100      |
| 61) 4-Chlorophenyl-phenyle... | 15.404 | 204  | 548307   | 48.596 | ng    | 98       |
| 62) 4-Nitroaniline            | 15.422 | 138  | 223837   | 52.185 | ng    | 97       |
| 63) Azobenzene                | 15.698 | 77   | 827235   | 49.739 | ng    | 100      |
| 65) 4,6-Dinitro-2-methylph... | 15.475 | 198  | 198517   | 52.057 | ng    | 99       |
| 66) n-Nitrosodiphenylamine    | 15.616 | 169  | 802754   | 49.002 | ng    | 98       |
| 67) 4-Bromophenyl-phenylether | 16.304 | 248  | 375951   | 49.019 | ng    | 97       |
| 68) Hexachlorobenzene         | 16.428 | 284  | 464673   | 48.596 | ng    | 98       |
| 69) Atrazine                  | 16.586 | 200  | 273356   | 46.573 | ng    | 97       |
| 70) Pentachlorophenol         | 16.775 | 266  | 329911   | 51.283 | ng    | 98       |
| 71) Phenanthrene              | 17.175 | 178  | 1548998  | 49.046 | ng    | 99       |
| 72) Anthracene                | 17.269 | 178  | 1506985  | 49.292 | ng    | 100      |
| 73) Carbazole                 | 17.551 | 167  | 1444504  | 48.920 | ng    | 99       |
| 74) Di-n-butylphthalate       | 18.139 | 149  | 1717295  | 49.518 | ng    | 99       |
| 75) Fluoranthene              | 19.257 | 202  | 2144249  | 48.642 | ng    | 100      |
| 77) Benzidine                 | 19.457 | 184  | 367113   | 41.112 | ng    | 99       |
| 78) Pyrene                    | 19.633 | 202  | 2259535  | 51.117 | ng    | 99       |
| 80) Butylbenzylphthalate      | 20.592 | 149  | 799959   | 50.740 | ng    | 97       |
| 81) Benzo(a)anthracene        | 21.545 | 228  | 2310902  | 49.217 | ng    | 99       |
| 82) 3,3'-Dichlorobenzidine    | 21.463 | 252  | 830014   | 48.722 | ng    | 100      |
| 83) Chrysene                  | 21.616 | 228  | 2167216  | 49.023 | ng    | 99       |
| 84) Bis(2-ethylhexyl)phtha... | 21.486 | 149  | 1151176  | 49.750 | ng    | 99       |
| 85) Di-n-octyl phthalate      | 22.739 | 149  | 1927257  | 49.039 | ng    | 100      |
| 87) Indeno(1,2,3-cd)pyrene    | 28.609 | 276  | 2705874  | 49.121 | ng    | 93       |
| 88) Benzo(b)fluoranthene      | 23.816 | 252  | 2463331  | 50.290 | ng    | 99       |
| 89) Benzo(k)fluoranthene      | 23.880 | 252  | 2337252  | 50.421 | ng    | 98       |
| 90) Benzo(a)pyrene            | 24.710 | 252  | 2141939  | 50.761 | ng    | 99       |
| 91) Dibenzo(a,h)anthracene    | 28.680 | 278  | 2191264  | 48.198 | ng    | 98       |
| 92) Benzo(g,h,i)perylene      | 29.774 | 276  | 2308208  | 49.564 | ng    | 100      |

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





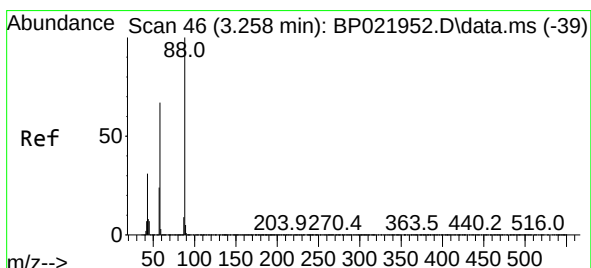
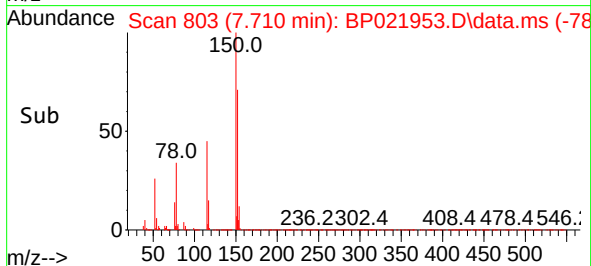
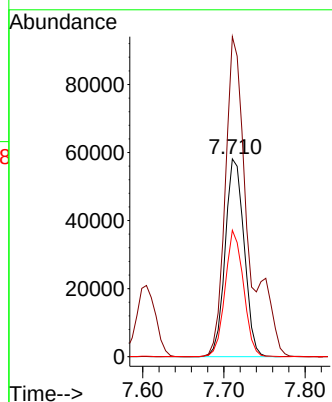
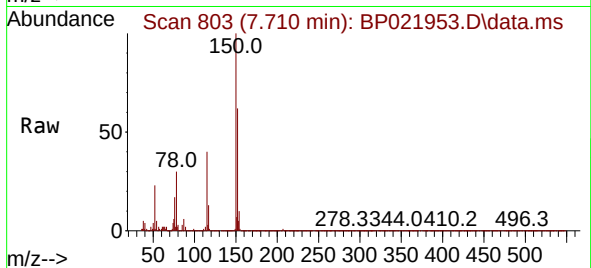
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1,4-Dichlorobenzene-d4  
Concen: 20.000 ng  
RT: 7.710 min Scan# 804  
Delta R.T. -0.006 min  
Lab File: BP021953.D  
Acq: 19 Sep 2024 16:21

Instrument :  
BNA\_P  
ClientSampleId :  
SSTDICC050

Tgt Ion:152 Resp: 94408  
Ion Ratio Lower Upper  
152 100  
150 161.8 124.2 186.2  
115 63.9 49.2 73.8

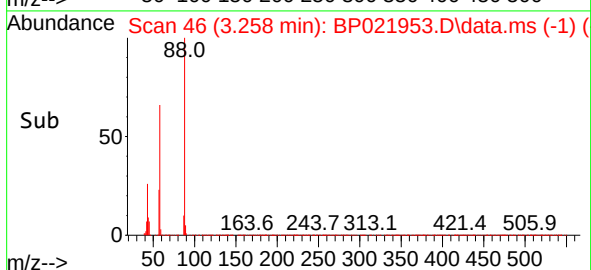
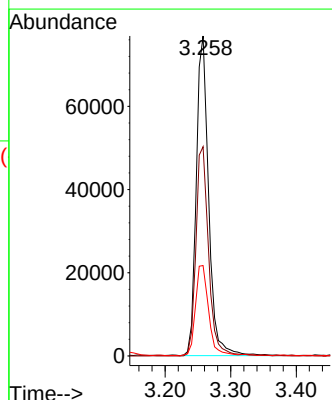
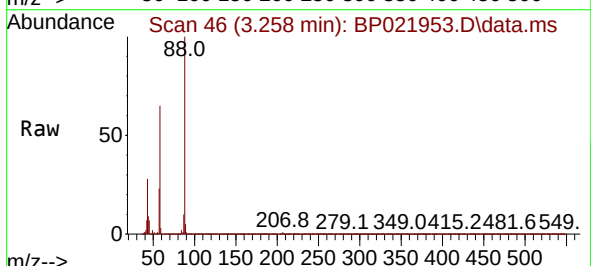
Manual Integrations  
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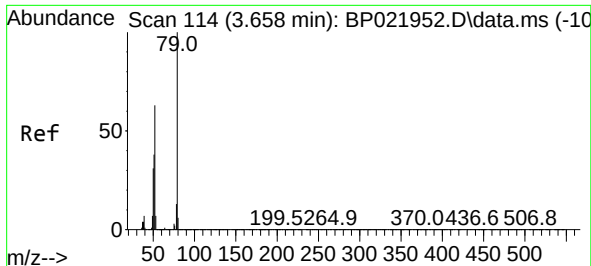
Reviewed By :Jagrut Upadhyay 09/20/2024  
Supervised By :mohammad ahmed 09/22/2024



#2  
1,4-Dioxane  
Concen: 48.317 ng  
RT: 3.258 min Scan# 46  
Delta R.T. 0.000 min  
Lab File: BP021953.D  
Acq: 19 Sep 2024 16:21

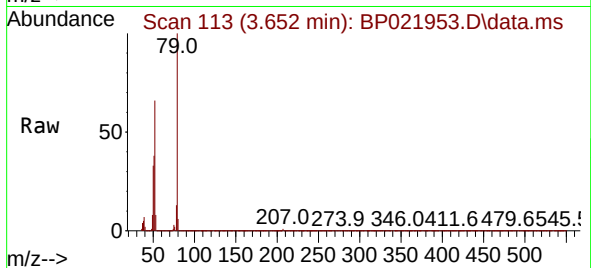
Tgt Ion: 88 Resp: 100790  
Ion Ratio Lower Upper  
88 100  
58 67.3 53.8 80.6  
43 30.5 25.2 37.8





#3  
Pyridine  
Concen: 47.996 ng m  
RT: 3.652 min Scan# 114  
Delta R.T. -0.006 min  
Lab File: BP021953.D  
Acq: 19 Sep 2024 16:21

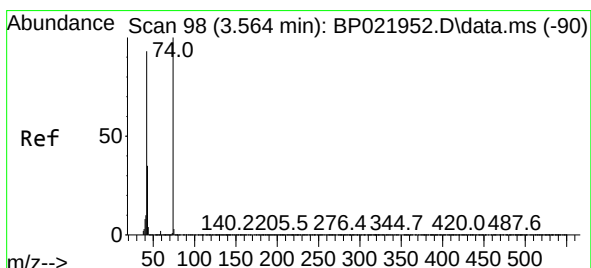
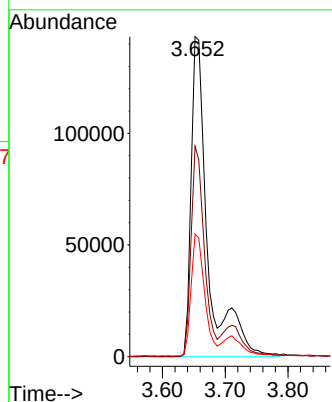
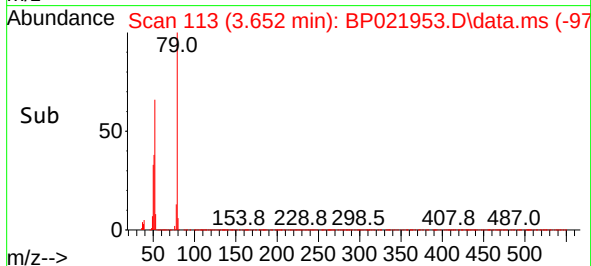
Instrument :  
BNA\_P  
ClientSampleId :  
SSTDICC050



Tgt Ion: 79 Resp: 266980  
Ion Ratio Lower Upper  
79 100  
52 65.8 50.3 75.5  
51 38.3 30.9 46.3

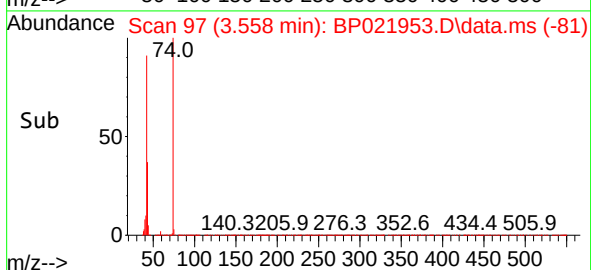
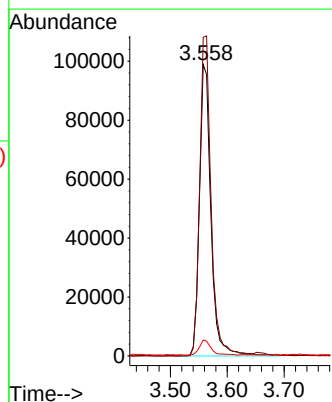
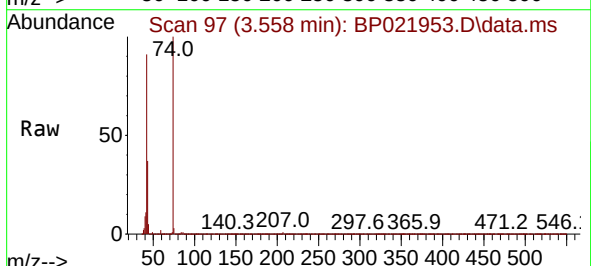
Manual Integrations  
APPROVED

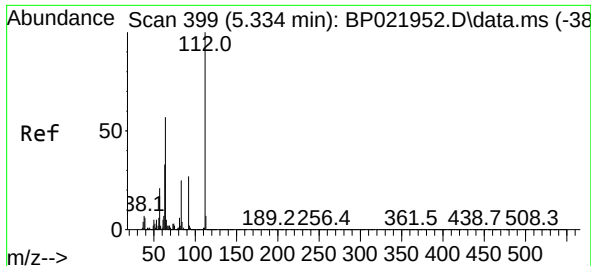
Reviewed By :Jagrut Upadhyay 09/20/2024  
Supervised By :mohammad ahmed 09/22/2024



#4  
n-Nitrosodimethylamine  
Concen: 47.497 ng  
RT: 3.558 min Scan# 97  
Delta R.T. -0.006 min  
Lab File: BP021953.D  
Acq: 19 Sep 2024 16:21

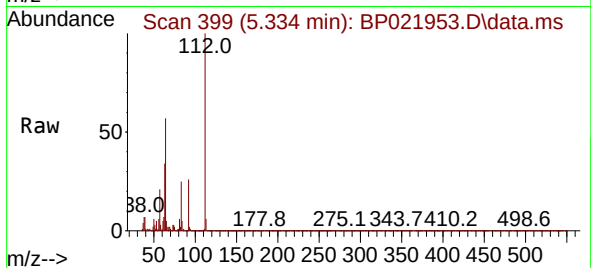
Tgt Ion: 42 Resp: 139393  
Ion Ratio Lower Upper  
42 100  
74 109.4 86.3 129.5  
44 5.5 4.0 6.0





#5  
2-Fluorophenol  
Concen: 95.983 ng  
RT: 5.334 min Scan# 399  
Delta R.T. 0.000 min  
Lab File: BP021953.D  
Acq: 19 Sep 2024 16:21

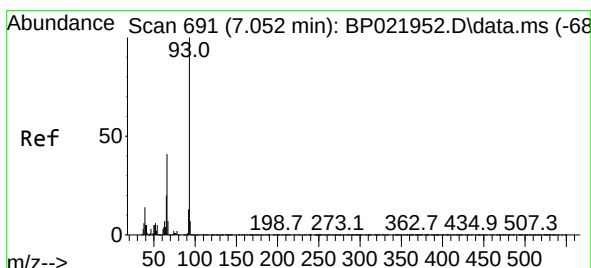
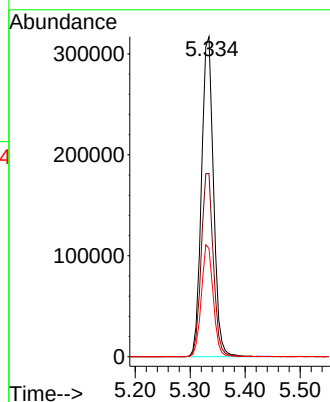
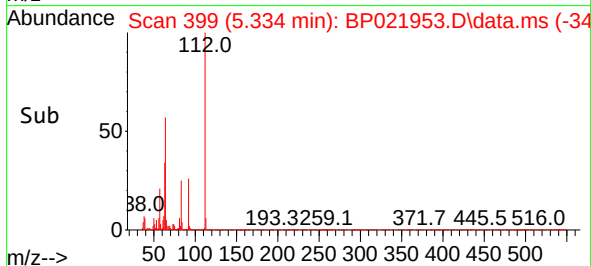
Instrument :  
BNA\_P  
ClientSampleId :  
SSTDICC050



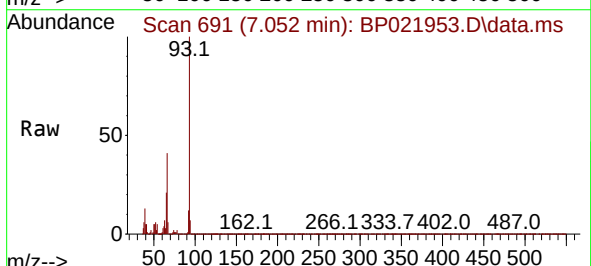
Tgt Ion: 112 Resp: 48218  
Ion Ratio Lower Upper  
112 100  
64 57.2 45.4 68.0  
63 33.8 26.6 39.8

Manual Integrations  
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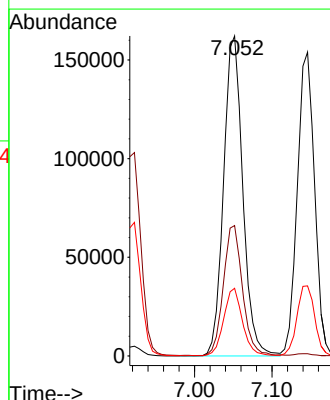
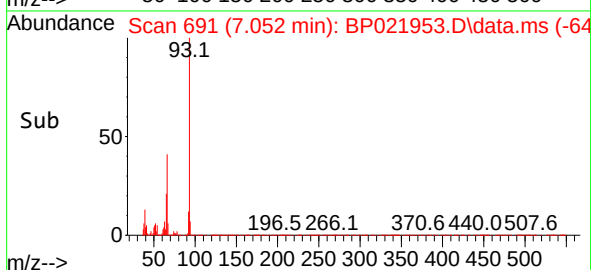
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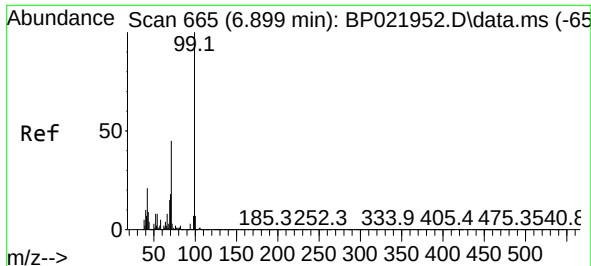


#6  
Aniline  
Concen: 48.794 ng  
RT: 7.052 min Scan# 691  
Delta R.T. 0.000 min  
Lab File: BP021953.D  
Acq: 19 Sep 2024 16:21



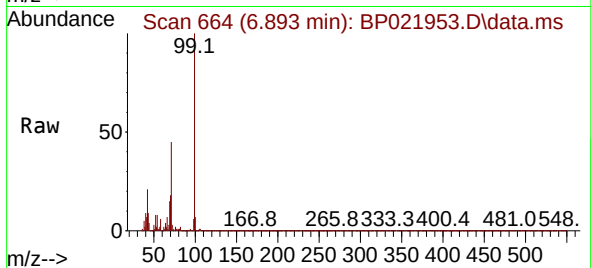
Tgt Ion: 93 Resp: 279629  
Ion Ratio Lower Upper  
93 100  
66 40.8 33.0 49.4  
65 21.1 16.1 24.1





#7  
Phenol-d6  
Concen: 97.410 ng  
RT: 6.893 min Scan# 60  
Delta R.T. -0.006 min  
Lab File: BP021953.D  
Acq: 19 Sep 2024 16:21

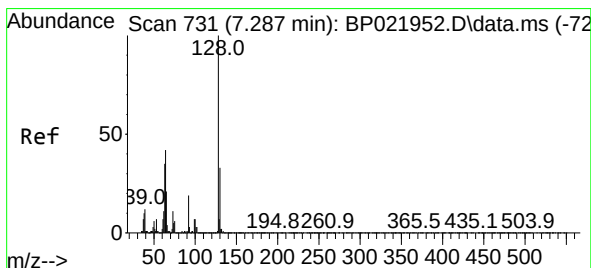
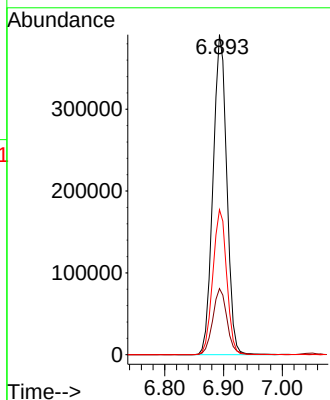
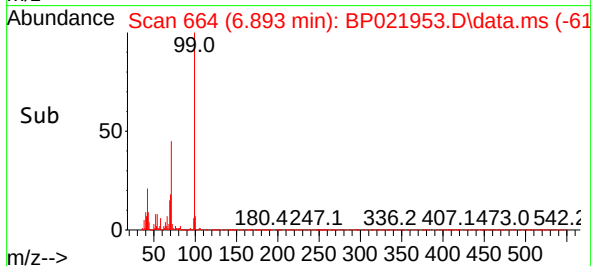
Instrument :  
BNA\_P  
ClientSampleId :  
SSTDICC050



Tgt Ion: 99 Resp: 635268  
Ion Ratio Lower Upper  
99 100  
42 20.6 16.8 25.2  
71 45.3 35.8 53.6

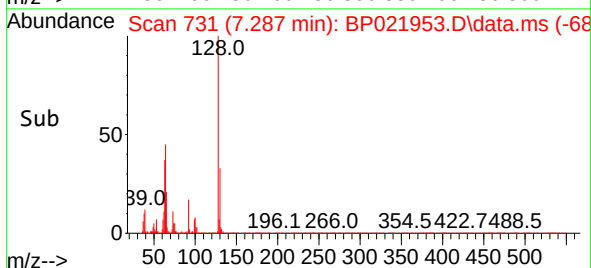
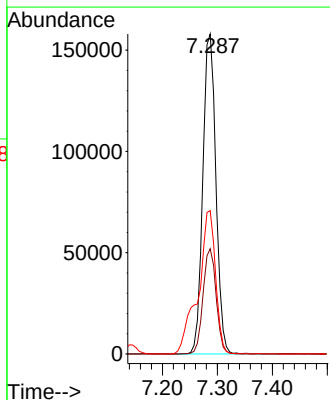
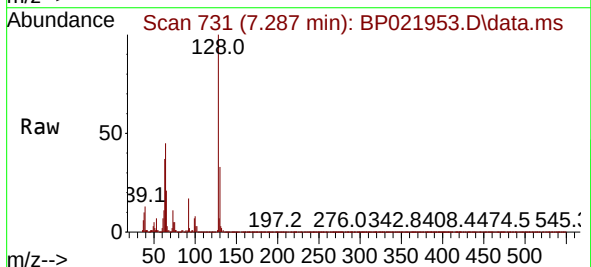
Manual Integrations  
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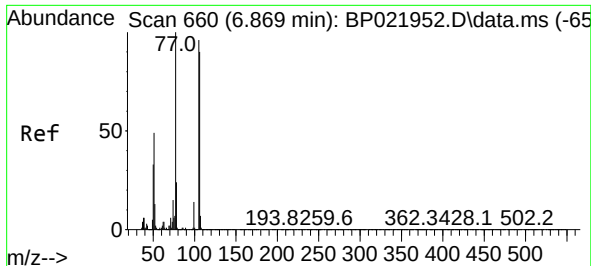
Reviewed By :Jagrut Upadhyay 09/20/2024  
Supervised By :mohammad ahmed 09/22/2024



#8  
2-Chlorophenol  
Concen: 48.528 ng  
RT: 7.287 min Scan# 731  
Delta R.T. 0.000 min  
Lab File: BP021953.D  
Acq: 19 Sep 2024 16:21

Tgt Ion:128 Resp: 260680  
Ion Ratio Lower Upper  
128 100  
130 32.9 13.1 53.1  
64 44.8 22.1 62.1





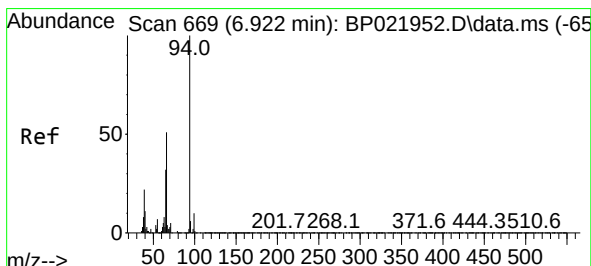
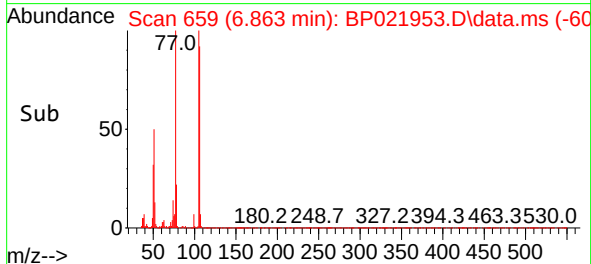
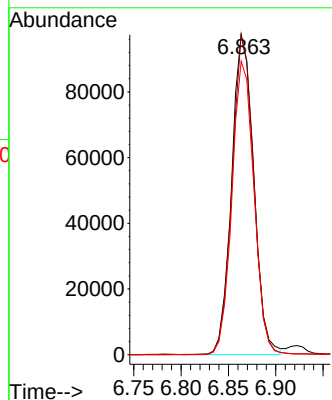
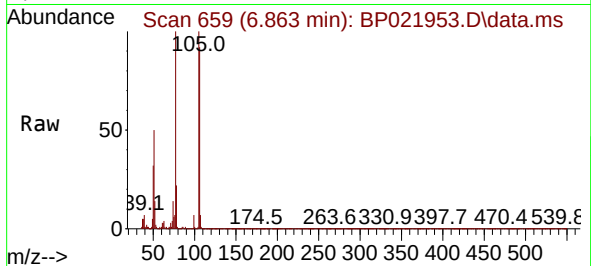
#9  
Benzaldehyde  
Concen: 45.992 ng  
RT: 6.863 min Scan# 610  
Delta R.T. -0.006 min  
Lab File: BP021953.D  
Acq: 19 Sep 2024 16:21

Instrument :  
BNA\_P  
ClientSampleId :  
SSTDICC050

Tgt Ion: 77 Resp: 15747  
Ion Ratio Lower Upper  
77 100  
105 100.0 76.1 116.1  
106 91.7 69.9 109.9

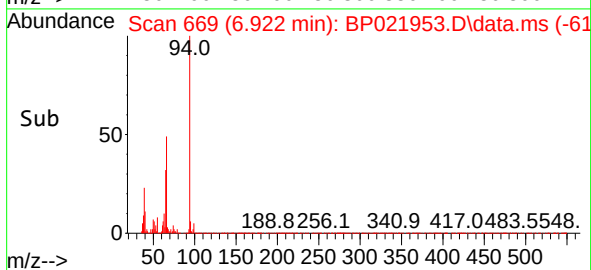
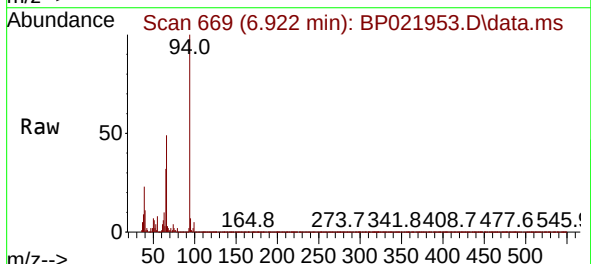
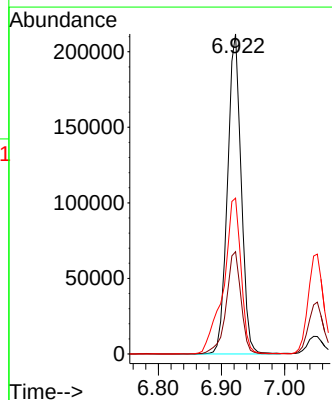
Manual Integrations  
APPROVED

Reviewed By :Jagrut Upadhyay 09/20/2024  
Supervised By :mohammad ahmed 09/22/2024

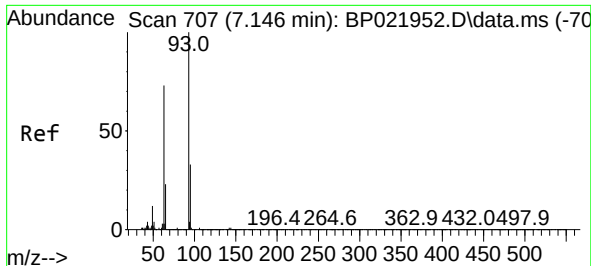


#10  
Phenol  
Concen: 49.021 ng  
RT: 6.922 min Scan# 669  
Delta R.T. 0.000 min  
Lab File: BP021953.D  
Acq: 19 Sep 2024 16:21

Tgt Ion: 94 Resp: 317527  
Ion Ratio Lower Upper  
94 100  
65 32.0 12.5 52.5  
66 48.7 31.2 71.2

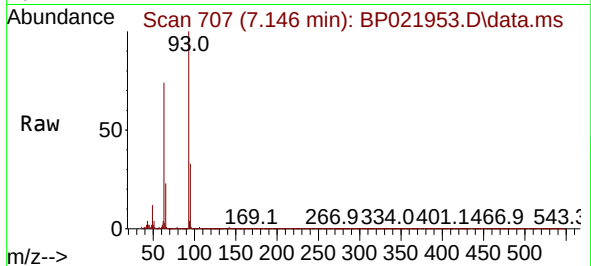






#11  
bis(2-Chloroethyl)ether  
Concen: 48.682 ng  
RT: 7.146 min Scan# 707  
Delta R.T. 0.000 min  
Lab File: BP021953.D  
Acq: 19 Sep 2024 16:21

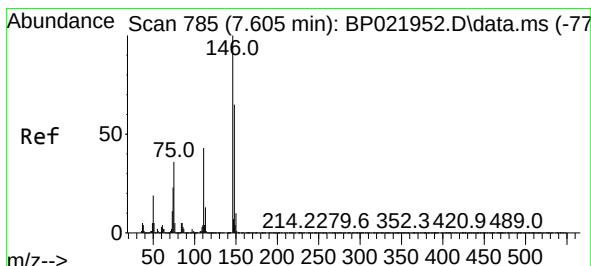
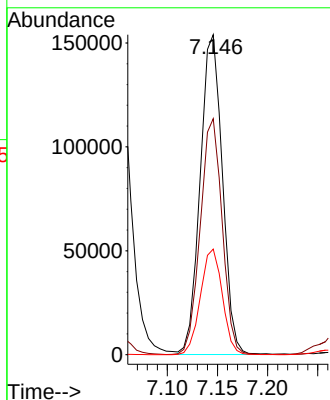
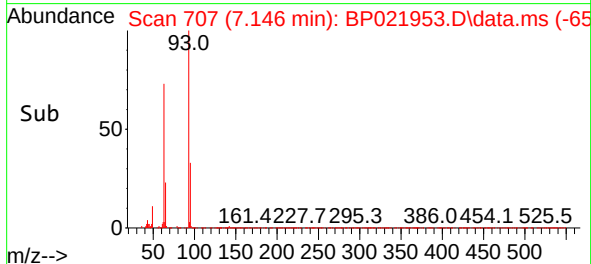
Instrument :  
BNA\_P  
ClientSampleId :  
SSTDICC050



Tgt Ion: 93 Resp: 237528  
Ion Ratio Lower Upper  
93 100  
63 73.8 53.0 93.0  
95 33.0 12.4 52.4

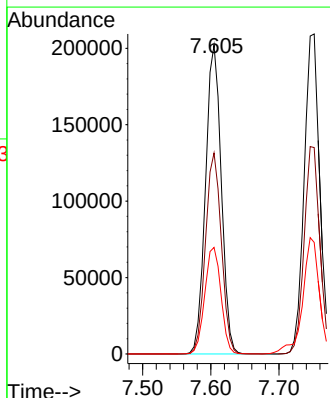
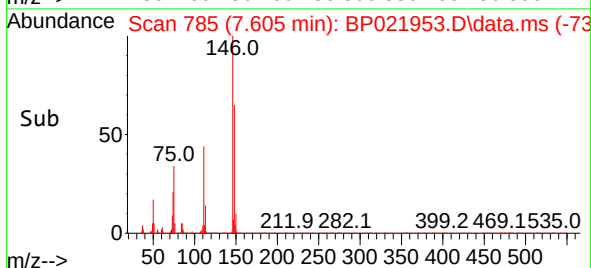
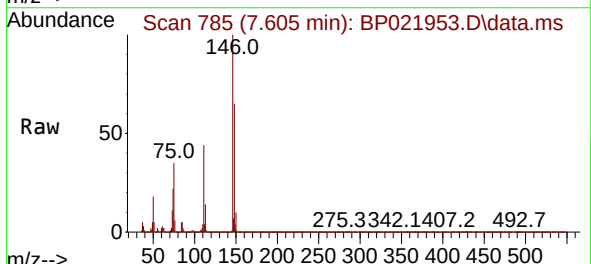
Manual Integrations  
APPROVED

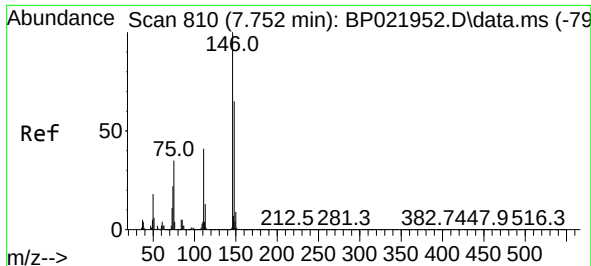
Reviewed By :Jagrut Upadhyay 09/20/2024  
Supervised By :mohammad ahmed 09/22/2024



#12  
1,3-Dichlorobenzene  
Concen: 47.978 ng  
RT: 7.605 min Scan# 785  
Delta R.T. 0.000 min  
Lab File: BP021953.D  
Acq: 19 Sep 2024 16:21

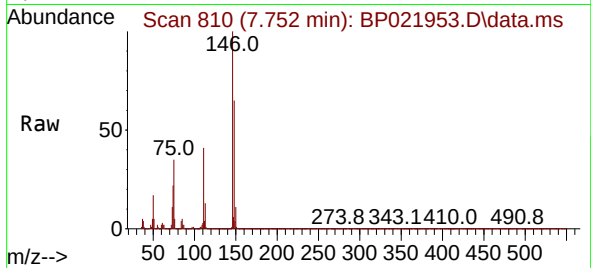
Tgt Ion:146 Resp: 325382  
Ion Ratio Lower Upper  
146 100  
148 65.1 52.3 78.5  
75 34.5 29.0 43.6





#13  
1,4-Dichlorobenzene  
Concen: 47.917 ng  
RT: 7.752 min Scan# 810  
Delta R.T. 0.000 min  
Lab File: BP021953.D  
Acq: 19 Sep 2024 16:21

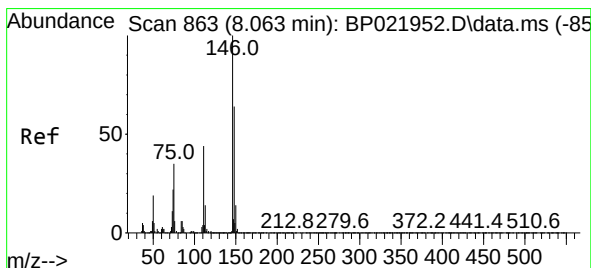
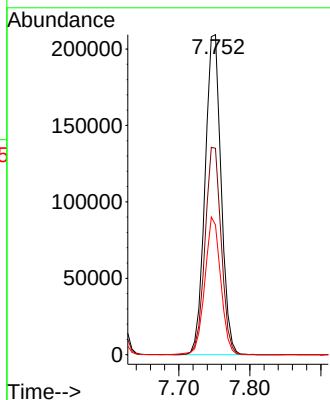
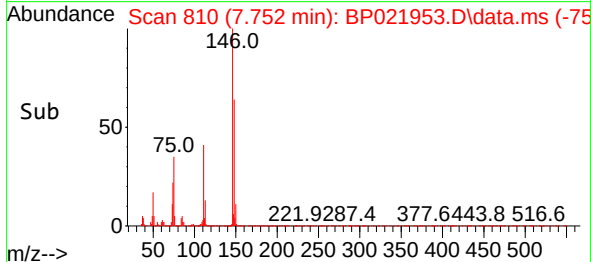
Instrument :  
BNA\_P  
ClientSampleId :  
SSTDICC050



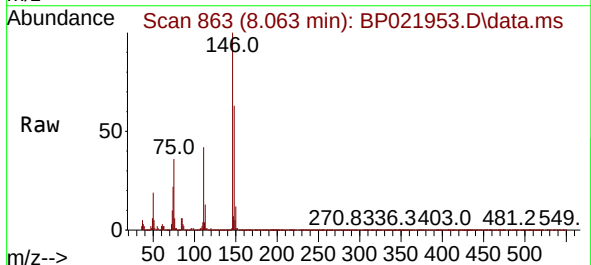
Tgt Ion:146 Resp: 32956  
Ion Ratio Lower Upper  
146 100  
148 64.5 52.2 78.4  
111 40.5 32.6 48.8

Manual Integrations  
APPROVED

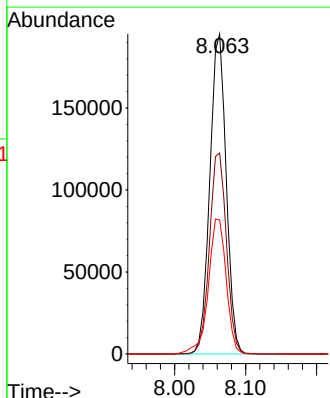
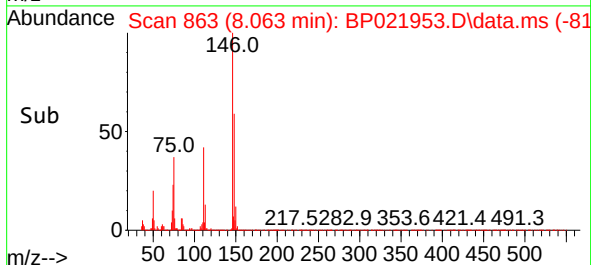
Reviewed By :Jagrut Upadhyay 09/20/2024  
Supervised By :mohammad ahmed 09/22/2024

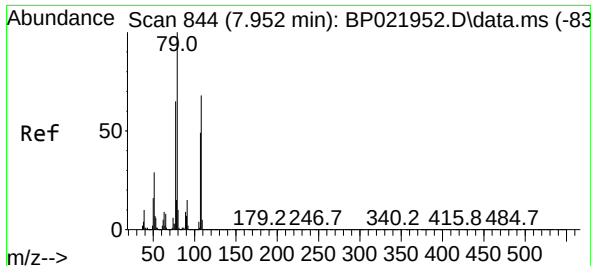


#14  
1,2-Dichlorobenzene  
Concen: 47.410 ng  
RT: 8.063 min Scan# 863  
Delta R.T. 0.000 min  
Lab File: BP021953.D  
Acq: 19 Sep 2024 16:21



Tgt Ion:146 Resp: 312971  
Ion Ratio Lower Upper  
146 100  
148 62.8 51.3 76.9  
111 41.9 35.6 53.4





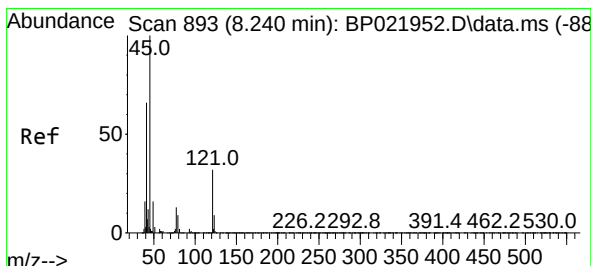
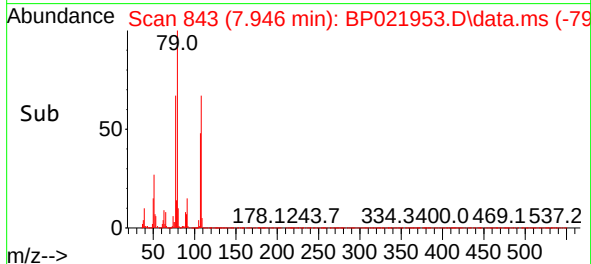
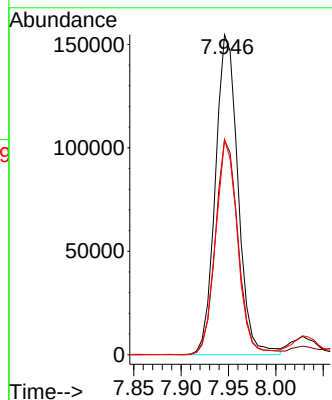
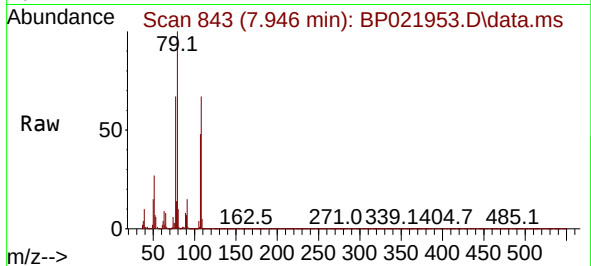
#15  
Benzyl Alcohol  
Concen: 51.380 ng  
RT: 7.946 min Scan# 844  
Delta R.T. -0.006 min  
Lab File: BP021953.D  
Acq: 19 Sep 2024 16:21

Instrument :  
BNA\_P  
ClientSampleId :  
SSTDICC050

Tgt Ion: 79 Resp: 25697  
Ion Ratio Lower Upper  
79 100  
108 67.2 54.7 82.1  
77 67.2 51.8 77.8

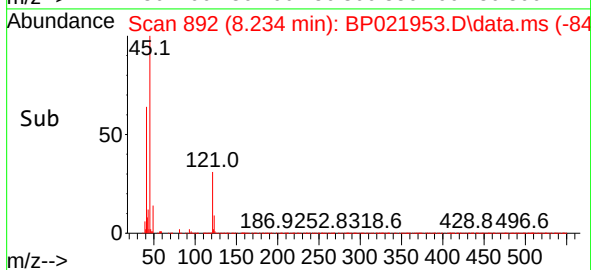
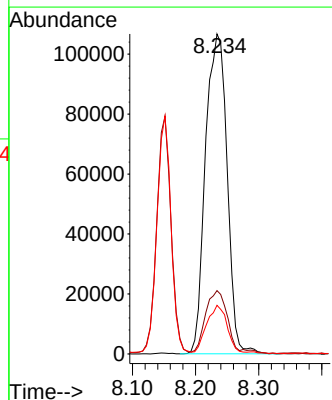
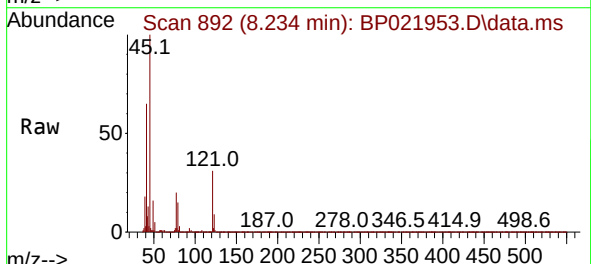
Manual Integrations  
APPROVED

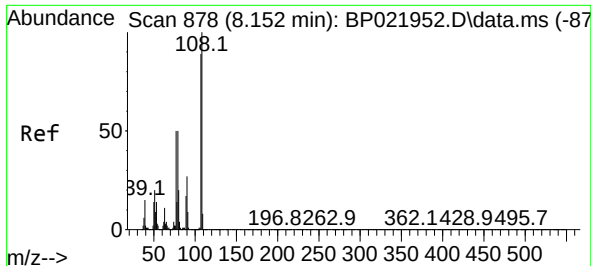
Reviewed By :Jagrut Upadhyay 09/20/2024  
Supervised By :mohammad ahmed 09/22/2024



#16  
2,2'-oxybis(1-Chloropropane)  
Concen: 49.079 ng  
RT: 8.234 min Scan# 892  
Delta R.T. -0.006 min  
Lab File: BP021953.D  
Acq: 19 Sep 2024 16:21

Tgt Ion: 45 Resp: 253754  
Ion Ratio Lower Upper  
45 100  
77 19.8 0.0 39.5  
79 15.2 0.0 34.9





#17  
2-Methylphenol  
Concen: 50.295 ng  
RT: 8.152 min Scan# 81  
Delta R.T. 0.000 min  
Lab File: BP021953.D  
Acq: 19 Sep 2024 16:21

Instrument :

BNA\_P

ClientSampleId :

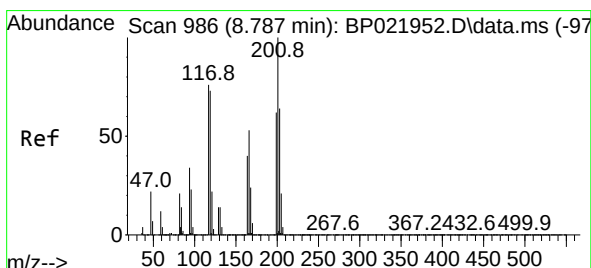
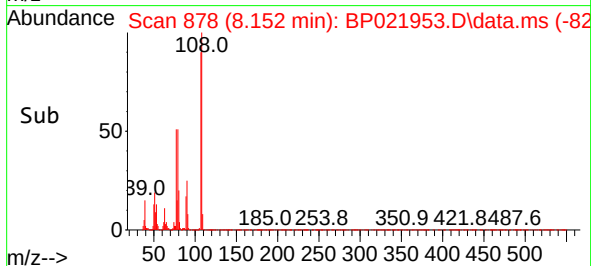
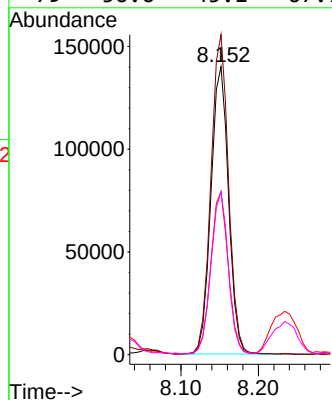
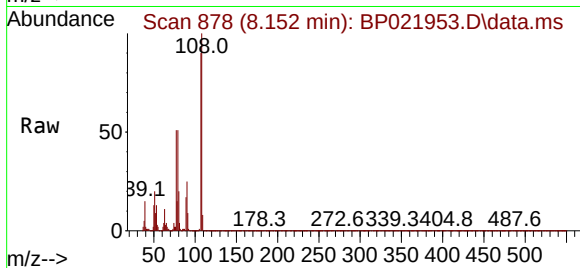
SSTDICC050

Tgt Ion:107 Resp: 220079  
Ion Ratio Lower Upper  
107 100  
108 111.1 90.3 135.5  
77 56.6 45.1 67.7  
79 56.6 45.1 67.7

Manual Integrations

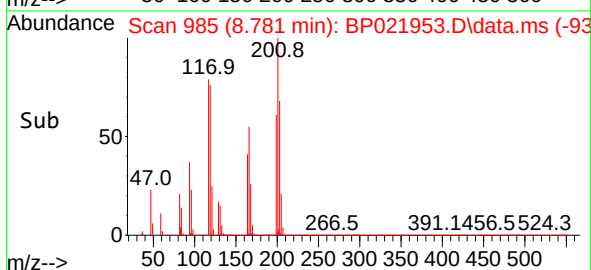
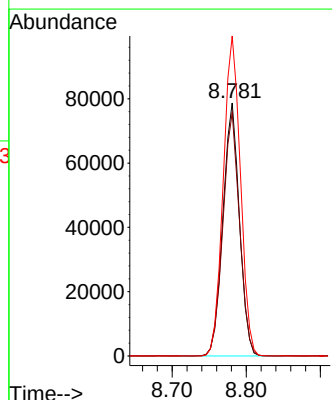
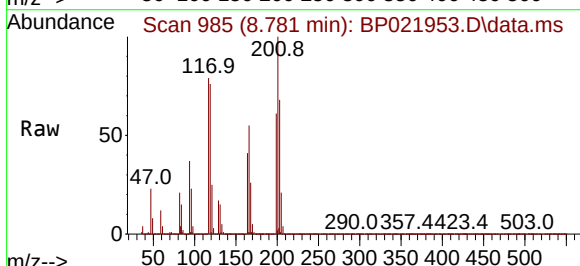
APPROVED

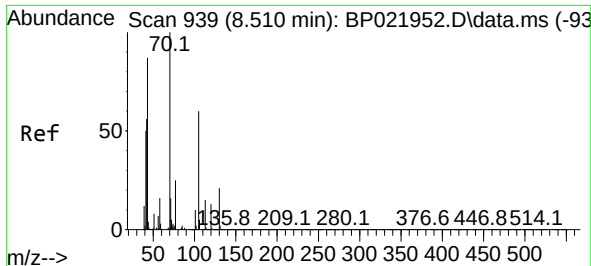
Reviewed By :Jagrut Upadhyay 09/20/2024  
Supervised By :mohammad ahmed 09/22/2024



#18  
Hexachloroethane  
Concen: 48.045 ng  
RT: 8.781 min Scan# 985  
Delta R.T. -0.006 min  
Lab File: BP021953.D  
Acq: 19 Sep 2024 16:21

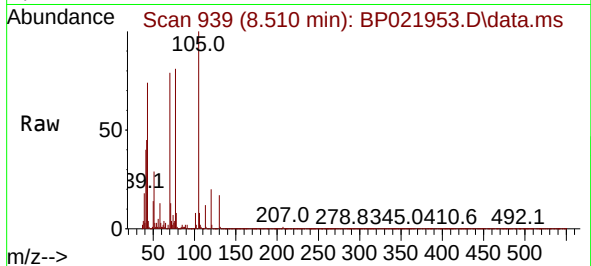
Tgt Ion:117 Resp: 121506  
Ion Ratio Lower Upper  
117 100  
119 96.2 77.0 115.4  
201 126.5 105.6 158.4





#19  
n-Nitroso-di-n-propylamine  
Concen: 51.105 ng  
RT: 8.510 min Scan# 91  
Delta R.T. 0.000 min  
Lab File: BP021953.D  
Acq: 19 Sep 2024 16:21

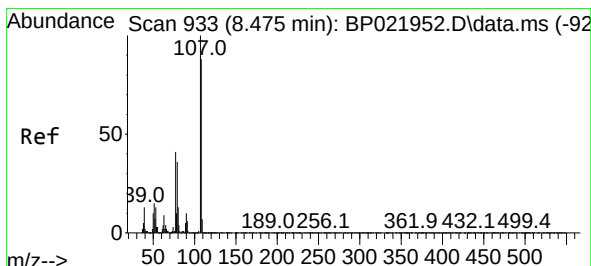
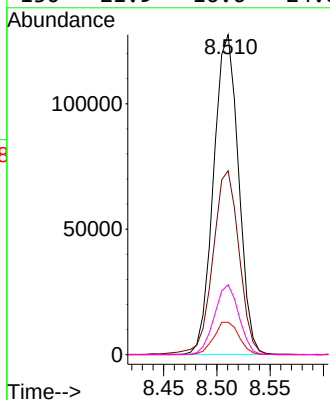
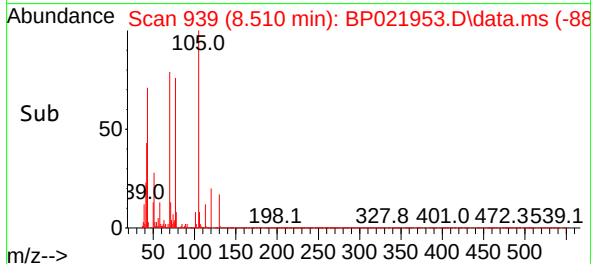
Instrument :  
BNA\_P  
ClientSampleId :  
SSTDICC050



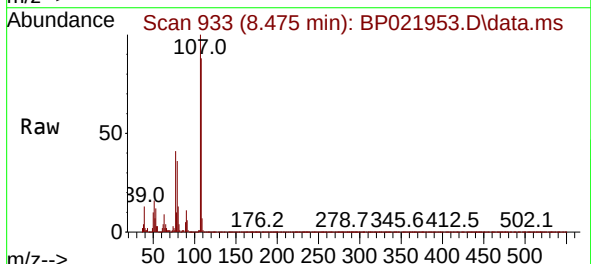
Tgt Ion: 70 Resp: 20715  
Ion Ratio Lower Upper  
70 100  
42 57.4 45.2 67.8  
101 10.2 7.8 11.6  
130 21.9 16.6 24.8

Manual Integrations  
APPROVED

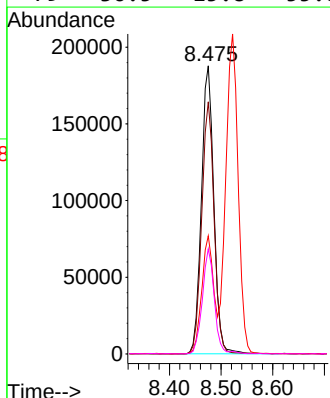
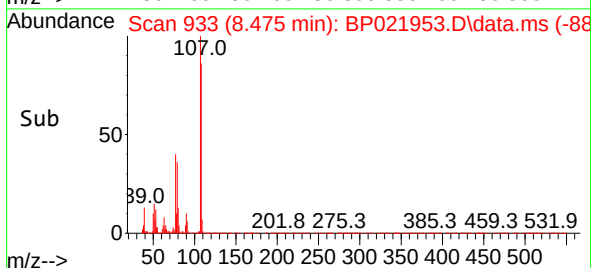
Reviewed By :Jagrut Upadhyay 09/20/2024  
Supervised By :mohammad ahmed 09/22/2024

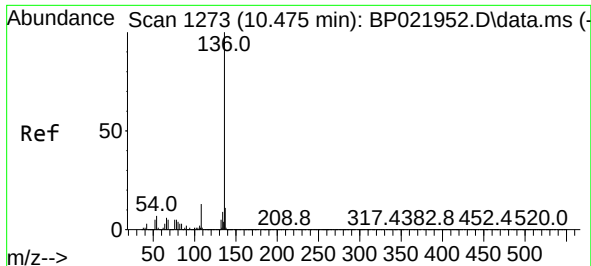


#20  
3+4-Methylphenols  
Concen: 50.654 ng  
RT: 8.475 min Scan# 933  
Delta R.T. 0.000 min  
Lab File: BP021953.D  
Acq: 19 Sep 2024 16:21



Tgt Ion:107 Resp: 312897  
Ion Ratio Lower Upper  
107 100  
108 87.5 68.3 108.3  
77 41.0 20.6 60.6  
79 36.5 15.8 55.8





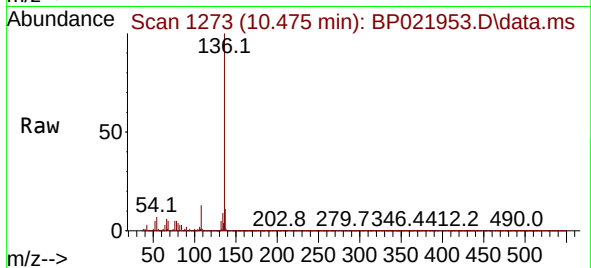
#21  
Naphthalene-d8  
Concen: 20.000 ng  
RT: 10.475 min Scan# 10  
Delta R.T. 0.000 min  
Lab File: BP021953.D  
Acq: 19 Sep 2024 16:21

Instrument :

BNA\_P

ClientSampleId :

SSTDICC050

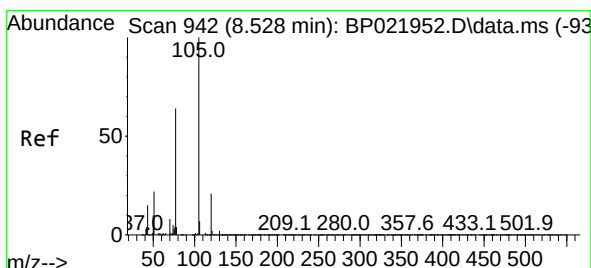
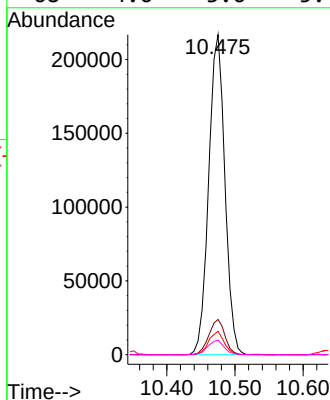
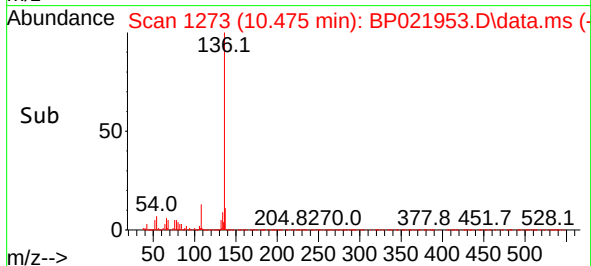


Tgt Ion:136 Resp: 35809  
Ion Ratio Lower Upper  
136 100  
137 11.0 8.8 13.2  
54 7.3 5.5 8.3  
68 4.6 3.6 5.4

Manual Integrations

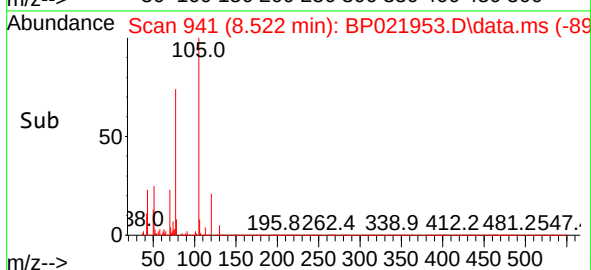
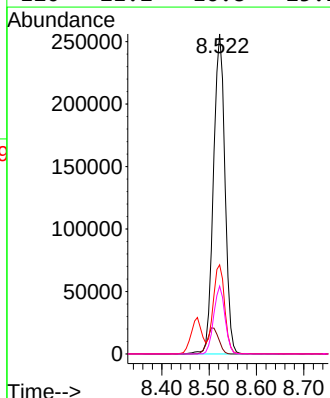
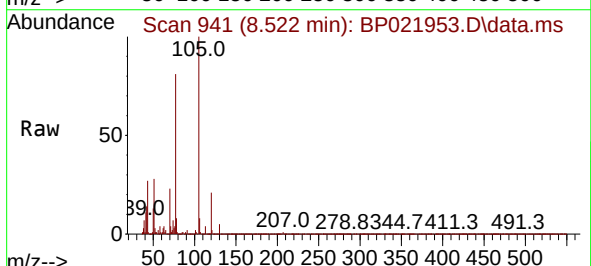
APPROVED

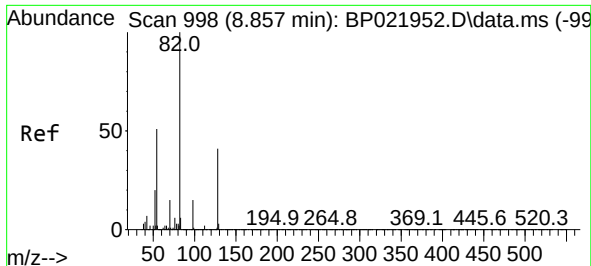
Reviewed By :Jagrut Upadhyay 09/20/2024  
Supervised By :mohammad ahmed 09/22/2024



#22  
Acetophenone  
Concen: 49.418 ng  
RT: 8.522 min Scan# 941  
Delta R.T. -0.006 min  
Lab File: BP021953.D  
Acq: 19 Sep 2024 16:21

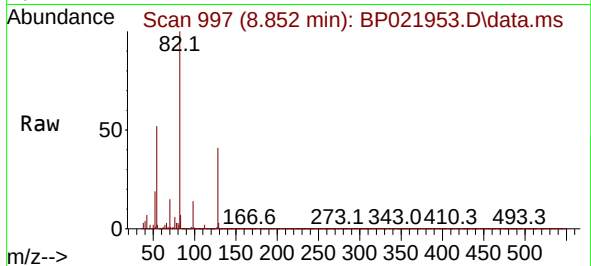
Tgt Ion:105 Resp: 431686  
Ion Ratio Lower Upper  
105 100  
71 3.9 1.4 2.0#  
51 27.8 22.1 33.1  
120 21.2 16.8 25.2





#23  
Nitrobenzene-d5  
Concen: 100.165 ng  
RT: 8.852 min Scan# 998  
Delta R.T. -0.006 min  
Lab File: BP021953.D  
Acq: 19 Sep 2024 16:21

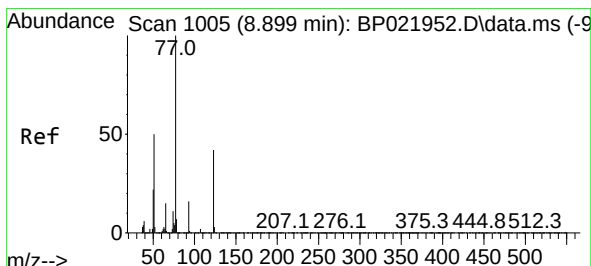
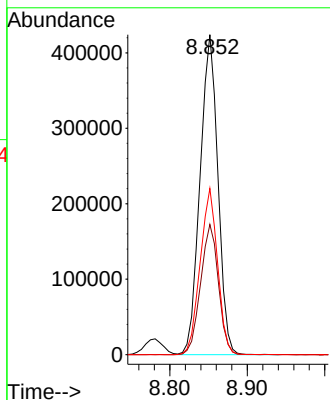
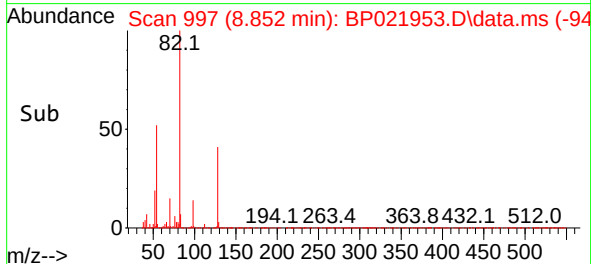
Instrument :  
BNA\_P  
ClientSampleId :  
SSTDICC050



Tgt Ion: 82 Resp: 677878  
Ion Ratio Lower Upper  
82 100  
128 40.7 33.1 49.7  
54 51.9 40.3 60.5

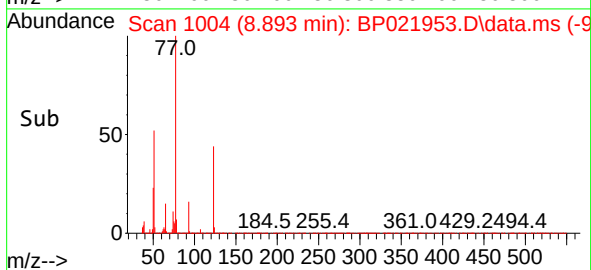
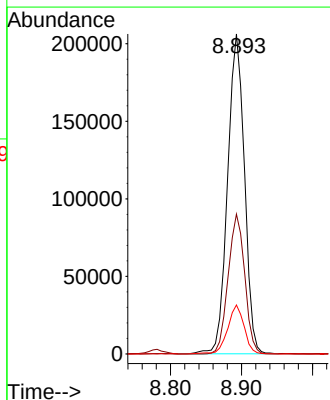
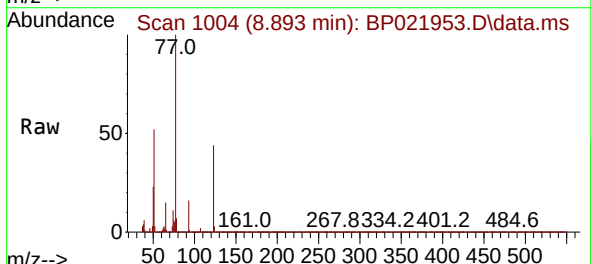
Manual Integrations  
APPROVED

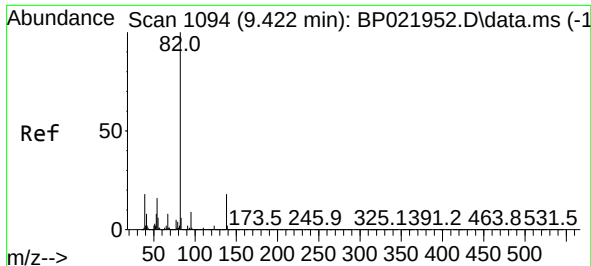
Reviewed By :Jagrut Upadhyay 09/20/2024  
Supervised By :mohammad ahmed 09/22/2024



#24  
Nitrobenzene  
Concen: 49.451 ng  
RT: 8.893 min Scan# 1004  
Delta R.T. -0.006 min  
Lab File: BP021953.D  
Acq: 19 Sep 2024 16:21

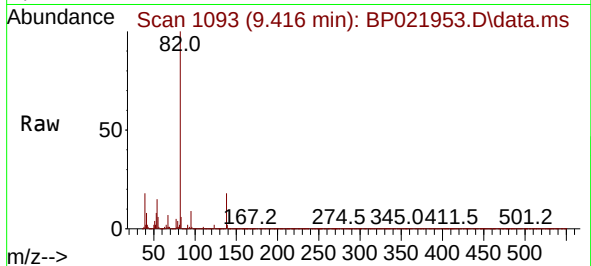
Tgt Ion: 77 Resp: 339853  
Ion Ratio Lower Upper  
77 100  
123 43.7 33.9 50.9  
65 15.3 12.0 18.0





#25  
Isophorone  
Concen: 50.836 ng  
RT: 9.416 min Scan# 1094  
Delta R.T. -0.006 min  
Lab File: BP021953.D  
Acq: 19 Sep 2024 16:21

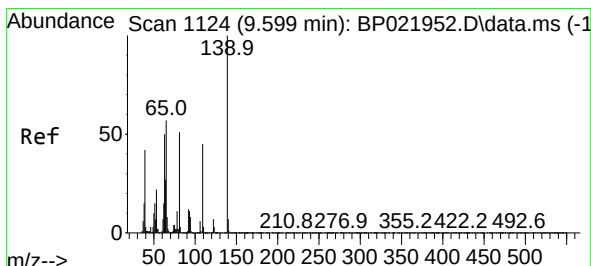
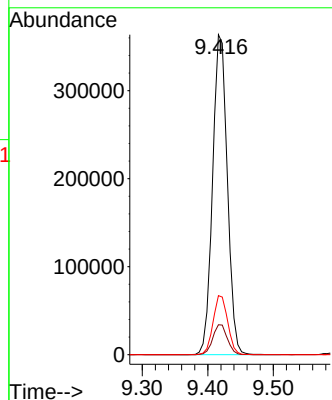
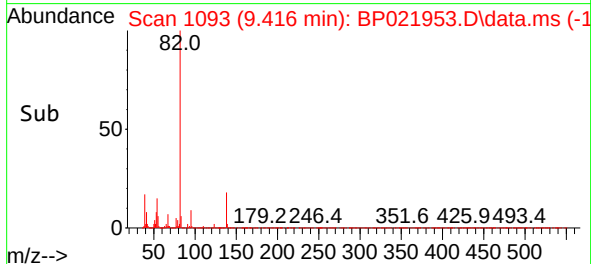
Instrument :  
BNA\_P  
ClientSampleId :  
SSTDICC050



Tgt Ion: 82 Resp: 56720  
Ion Ratio Lower Upper  
82 100  
95 9.3 7.0 10.6  
138 18.5 14.6 21.8

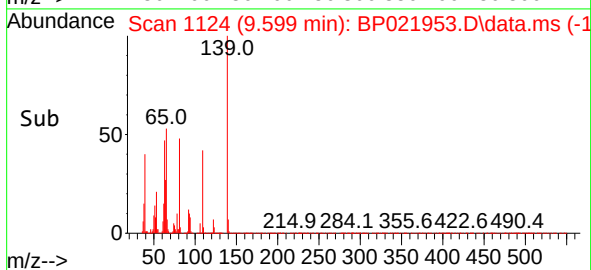
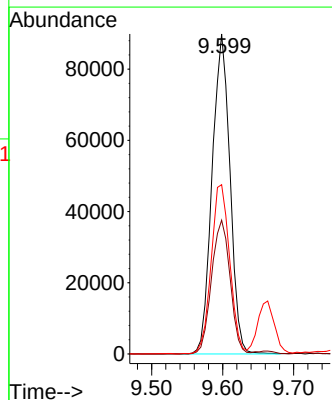
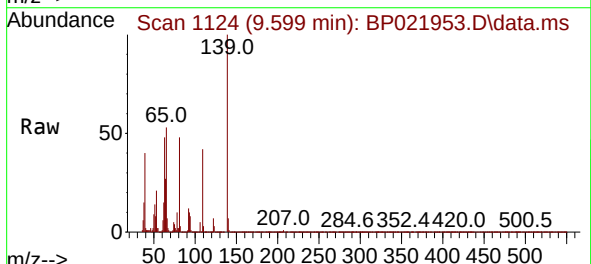
Manual Integrations  
APPROVED

Reviewed By :Jagrut Upadhyay 09/20/2024  
Supervised By :mohammad ahmed 09/22/2024

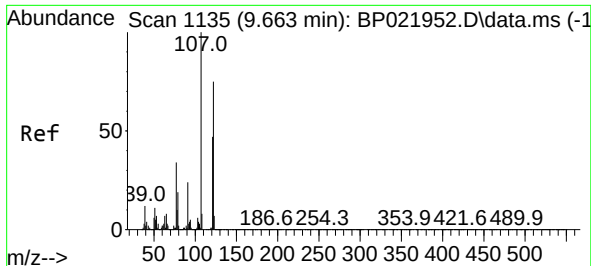


#26  
2-Nitrophenol  
Concen: 52.091 ng  
RT: 9.599 min Scan# 1124  
Delta R.T. 0.000 min  
Lab File: BP021953.D  
Acq: 19 Sep 2024 16:21

Tgt Ion:139 Resp: 156532  
Ion Ratio Lower Upper  
139 100  
109 41.8 36.0 54.0  
65 52.9 45.7 68.5







#27  
2,4-Dimethylphenol  
Concen: 50.366 ng  
RT: 9.663 min Scan# 1135  
Delta R.T. 0.000 min  
Lab File: BP021953.D  
Acq: 19 Sep 2024 16:21

Instrument :

BNA\_P

ClientSampleId :

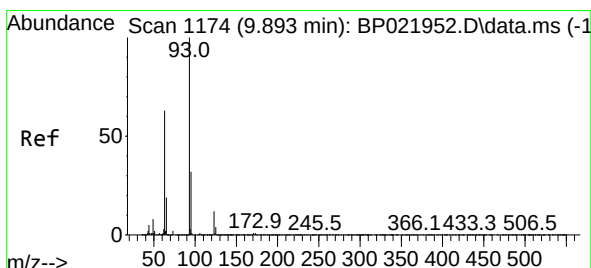
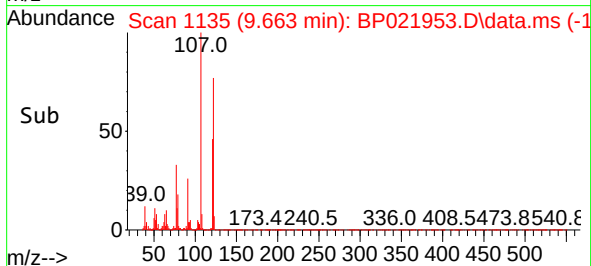
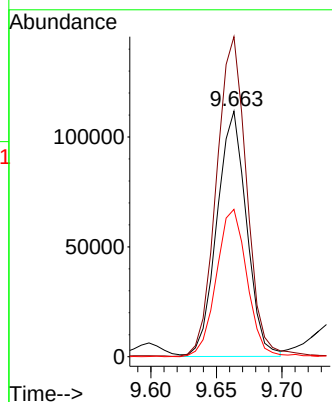
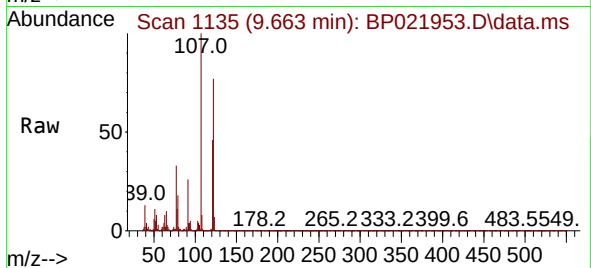
SSTDICC050

Tgt Ion:122 Resp: 175249  
Ion Ratio Lower Upper  
122 100  
107 130.4 106.1 159.1  
121 60.0 49.6 74.4

Manual Integrations

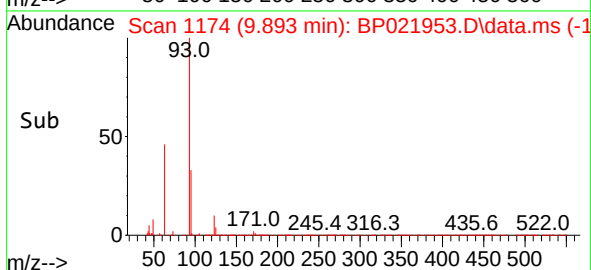
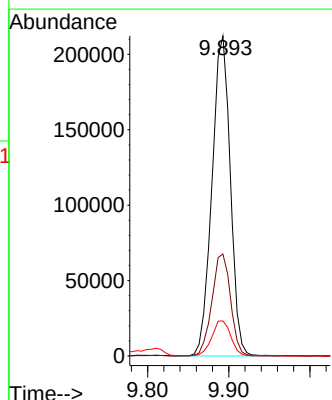
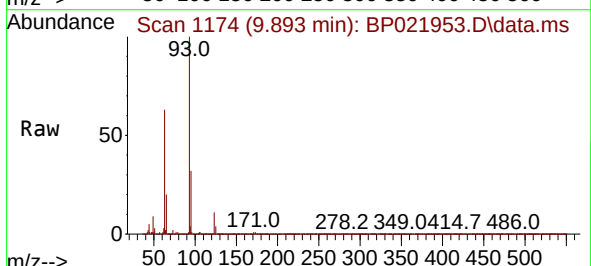
APPROVED

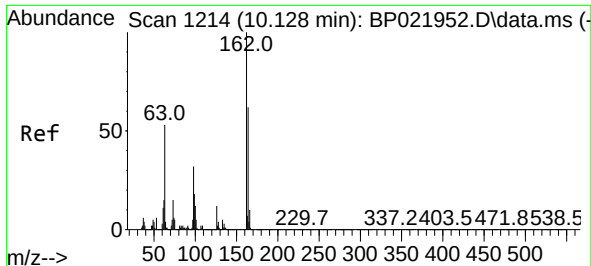
Reviewed By :Jagrut Upadhyay 09/20/2024  
Supervised By :mohammad ahmed 09/22/2024



#28  
bis(2-Chloroethoxy)methane  
Concen: 49.744 ng  
RT: 9.893 min Scan# 1174  
Delta R.T. 0.000 min  
Lab File: BP021953.D  
Acq: 19 Sep 2024 16:21

Tgt Ion: 93 Resp: 332782  
Ion Ratio Lower Upper  
93 100  
95 31.9 25.7 38.5  
123 11.0 9.4 14.0





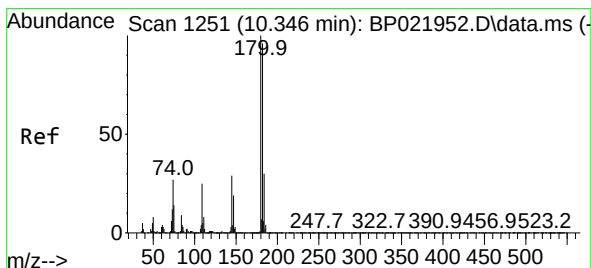
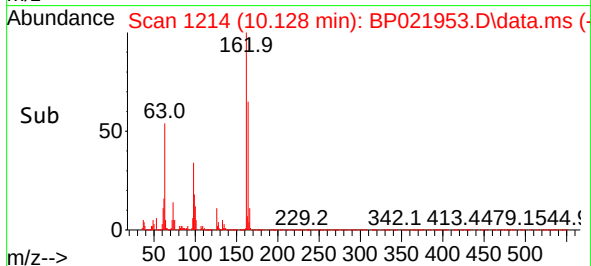
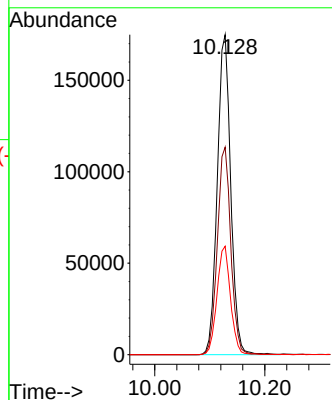
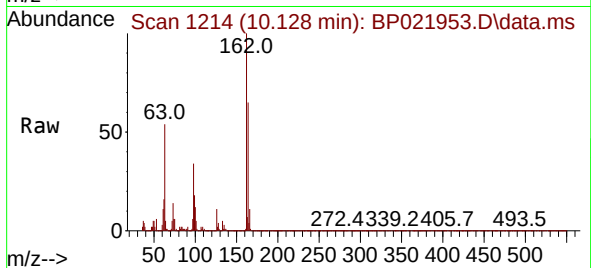
#29  
2,4-Dichlorophenol  
Concen: 50.288 ng  
RT: 10.128 min Scan# 1214  
Delta R.T. 0.000 min  
Lab File: BP021953.D  
Acq: 19 Sep 2024 16:21

Instrument :  
BNA\_P  
ClientSampleId :  
SSTDICC050

Tgt Ion:162 Resp: 297000  
Ion Ratio Lower Upper  
162 100  
164 64.9 41.7 81.7  
98 33.9 12.4 52.4

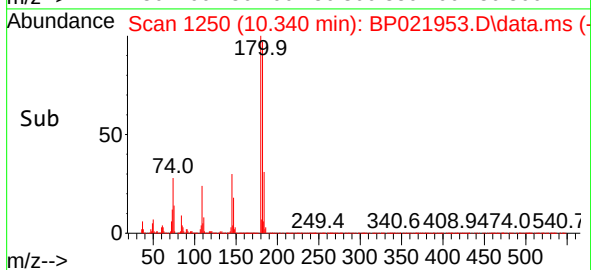
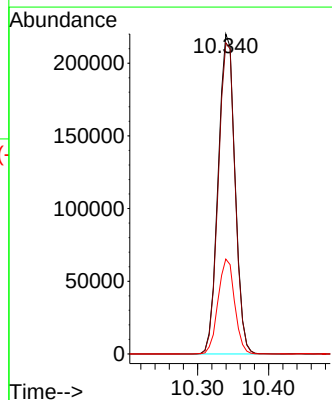
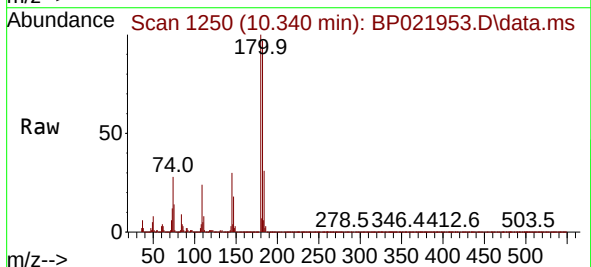
Manual Integrations  
APPROVED

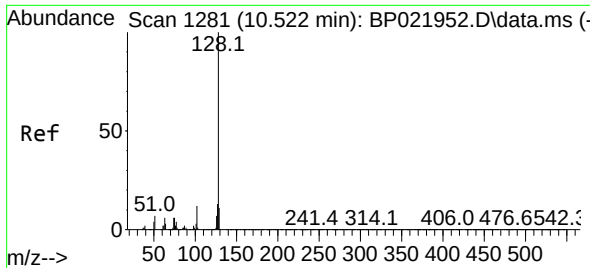
Reviewed By :Jagrut Upadhyay 09/20/2024  
Supervised By :mohammad ahmed 09/22/2024



#30  
1,2,4-Trichlorobenzene  
Concen: 48.861 ng  
RT: 10.340 min Scan# 1250  
Delta R.T. -0.006 min  
Lab File: BP021953.D  
Acq: 19 Sep 2024 16:21

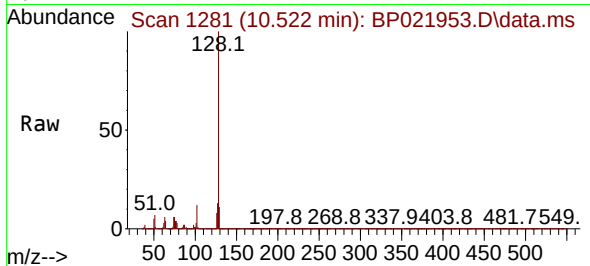
Tgt Ion:180 Resp: 359447  
Ion Ratio Lower Upper  
180 100  
182 97.2 77.0 115.4  
145 29.7 23.0 34.6





#31  
Naphthalene  
Concen: 48.938 ng  
RT: 10.522 min Scan# 1160  
Delta R.T. 0.000 min  
Lab File: BP021953.D  
Acq: 19 Sep 2024 16:21

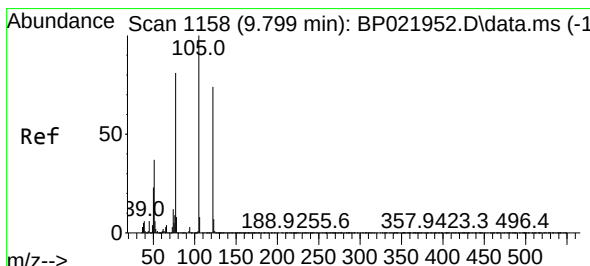
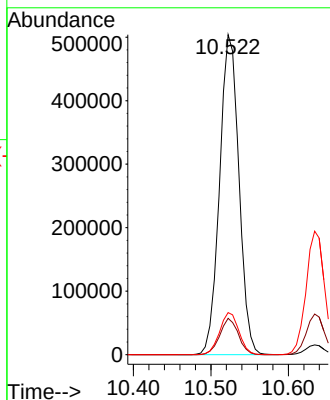
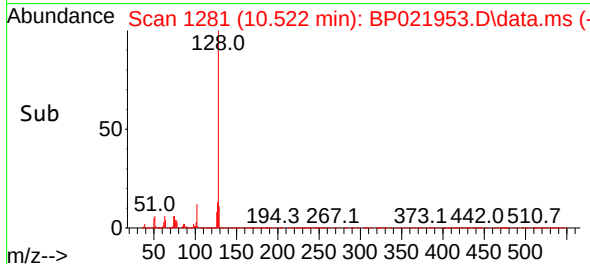
Instrument :  
BNA\_P  
ClientSampleId :  
SSTDICC050



Tgt Ion:128 Resp: 874430  
Ion Ratio Lower Upper  
128 100  
129 11.4 8.6 13.0  
127 13.2 10.6 15.8

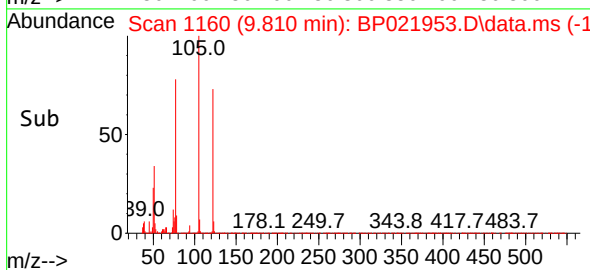
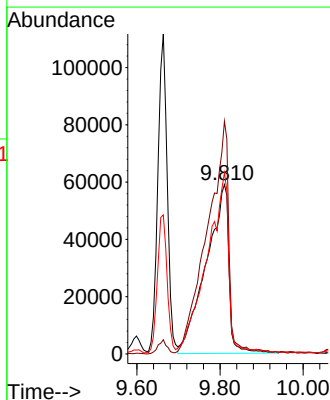
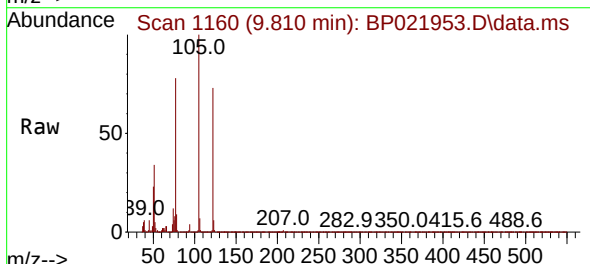
Manual Integrations  
APPROVED

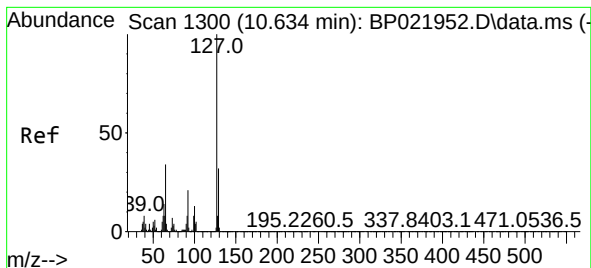
Reviewed By :Jagrut Upadhyay 09/20/2024  
Supervised By :mohammad ahmed 09/22/2024



#32  
Benzoic acid  
Concen: 53.888 ng  
RT: 9.810 min Scan# 1160  
Delta R.T. 0.012 min  
Lab File: BP021953.D  
Acq: 19 Sep 2024 16:21

Tgt Ion:122 Resp: 223399  
Ion Ratio Lower Upper  
122 100  
105 137.4 111.3 151.3  
77 107.0 86.7 126.7





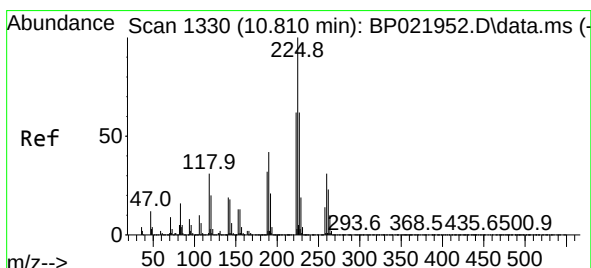
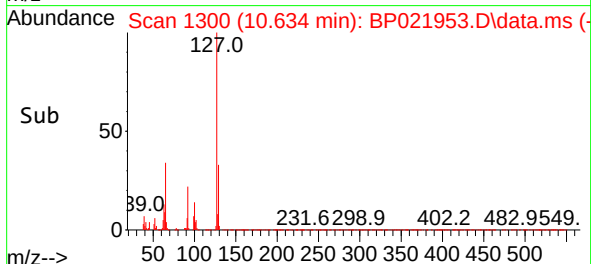
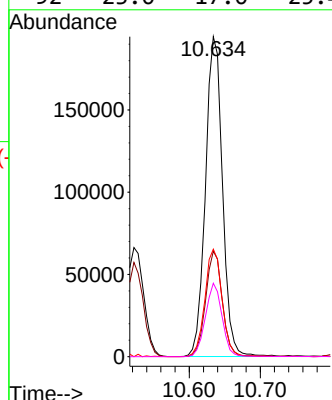
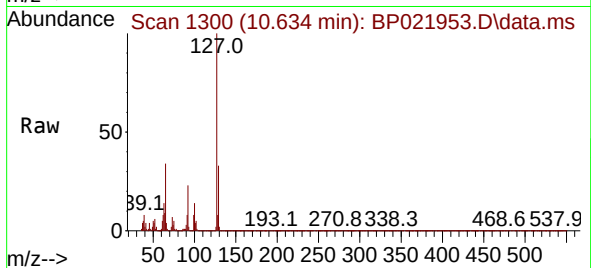
#33  
4-Chloroaniline  
Concen: 50.501 ng  
RT: 10.634 min Scan# 1300  
Delta R.T. 0.000 min  
Lab File: BP021953.D  
Acq: 19 Sep 2024 16:21

Instrument :  
BNA\_P  
ClientSampleId :  
SSTDICC050

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 127     | 100   |       |       |
| 129     | 33.0  | 25.4  | 38.0  |
| 65      | 33.6  | 27.4  | 41.2  |
| 92      | 23.0  | 17.0  | 25.4  |

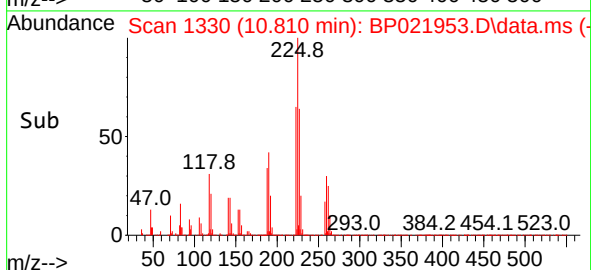
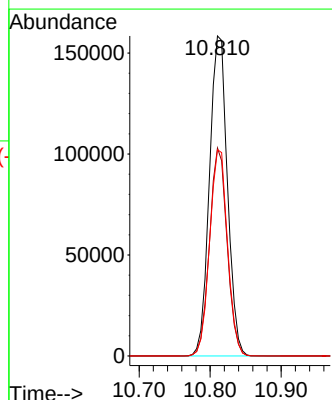
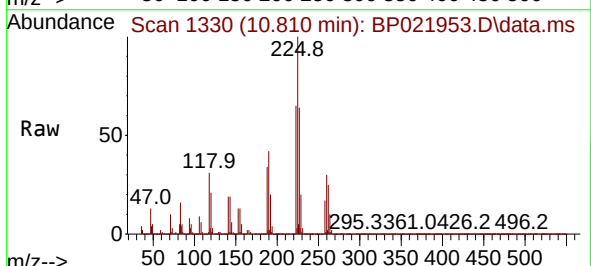
Manual Integrations  
APPROVED

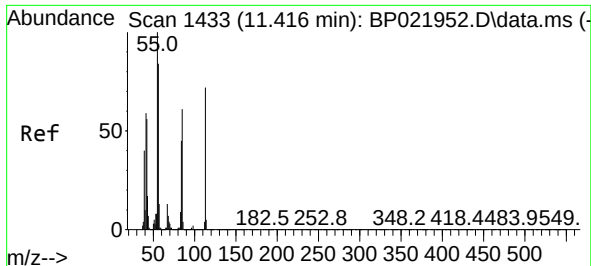
Reviewed By :Jagrut Upadhyay 09/20/2024  
Supervised By :mohammad ahmed 09/22/2024



#34  
Hexachlorobutadiene  
Concen: 48.309 ng  
RT: 10.810 min Scan# 1330  
Delta R.T. 0.000 min  
Lab File: BP021953.D  
Acq: 19 Sep 2024 16:21

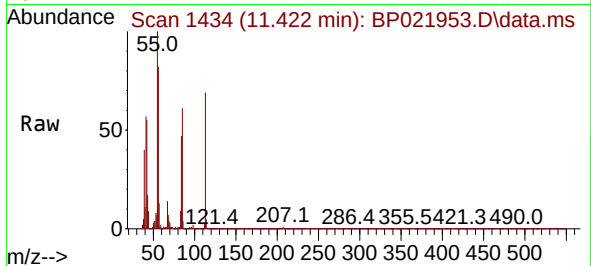
| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 225     | 100   |       |       |
| 223     | 65.0  | 50.0  | 75.0  |
| 227     | 64.4  | 49.7  | 74.5  |





#35  
Caprolactam  
Concen: 52.301 ng  
RT: 11.422 min Scan# 1433  
Delta R.T. 0.006 min  
Lab File: BP021953.D  
Acq: 19 Sep 2024 16:21

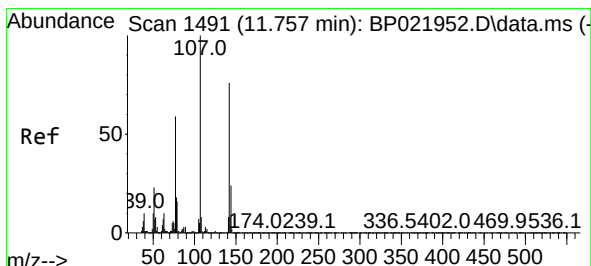
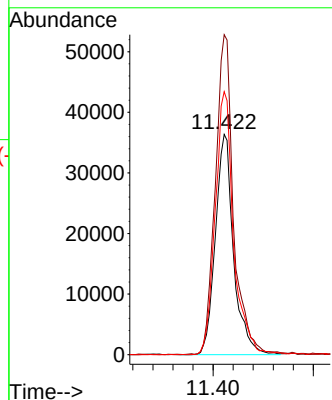
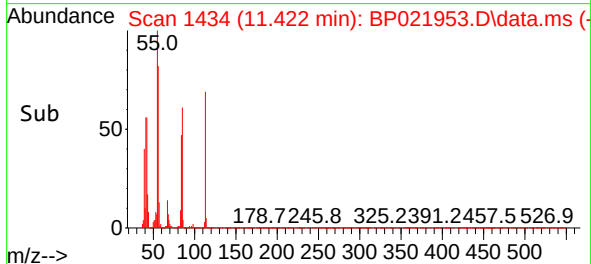
Instrument :  
BNA\_P  
ClientSampleId :  
SSTDICC050



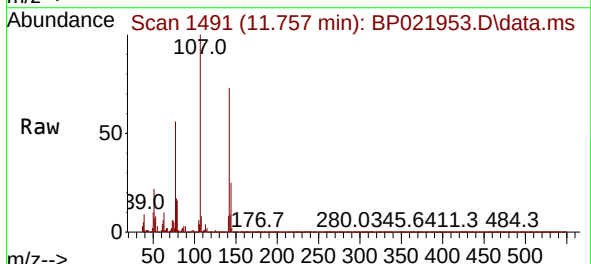
Tgt Ion:113 Resp: 91758  
Ion Ratio Lower Upper  
113 100  
55 145.2 119.4 159.4  
56 119.3 97.1 137.1

Manual Integrations  
APPROVED

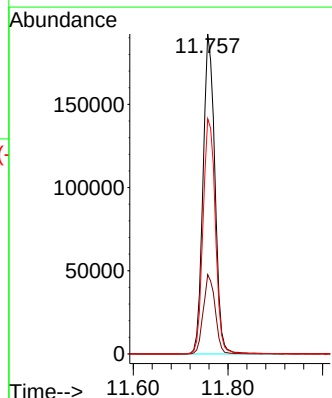
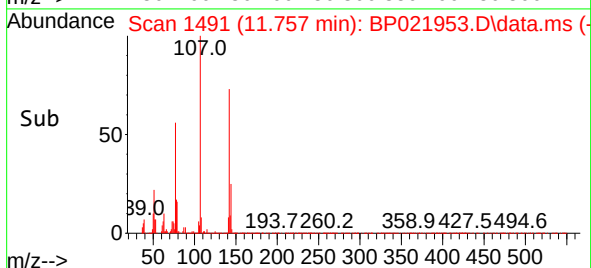
Reviewed By :Jagrut Upadhyay 09/20/2024  
Supervised By :mohammad ahmed 09/22/2024

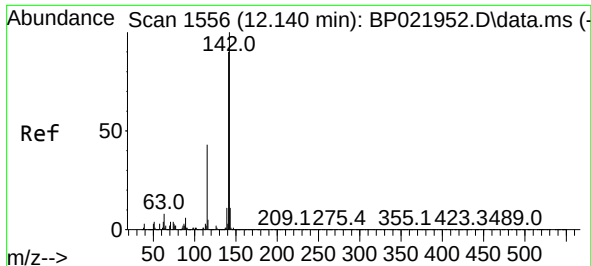


#36  
4-Chloro-3-methylphenol  
Concen: 52.537 ng  
RT: 11.757 min Scan# 1491  
Delta R.T. 0.000 min  
Lab File: BP021953.D  
Acq: 19 Sep 2024 16:21



Tgt Ion:107 Resp: 332888  
Ion Ratio Lower Upper  
107 100  
144 24.8 19.0 28.4  
142 73.5 60.4 90.6





#37  
2-Methylnaphthalene  
Concen: 50.843 ng  
RT: 12.134 min Scan# 1556  
Delta R.T. -0.006 min  
Lab File: BP021953.D  
Acq: 19 Sep 2024 16:21

Instrument :

BNA\_P

ClientSampleId :

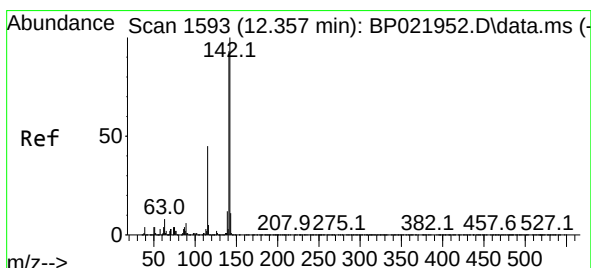
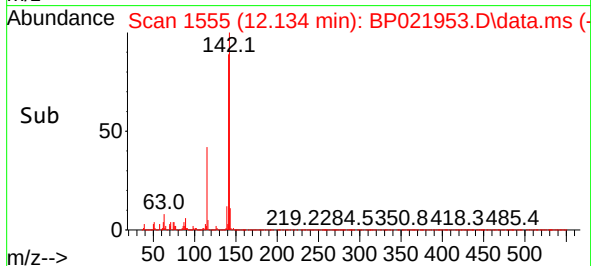
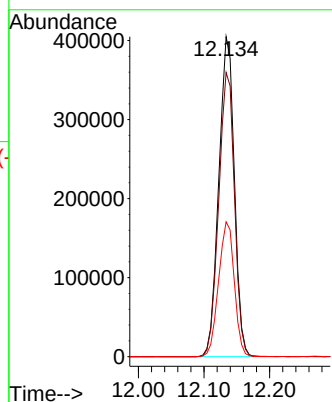
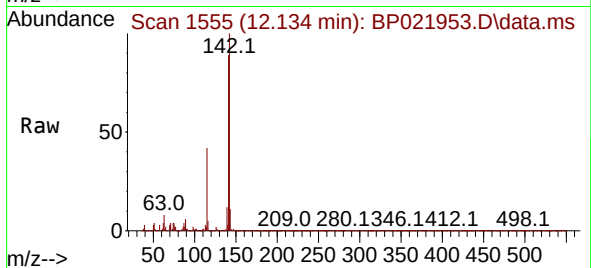
SSTDICC050

Tgt Ion:142 Resp: 66467  
Ion Ratio Lower Upper  
142 100  
141 88.8 71.7 107.5  
115 42.2 34.6 51.8

Manual Integrations

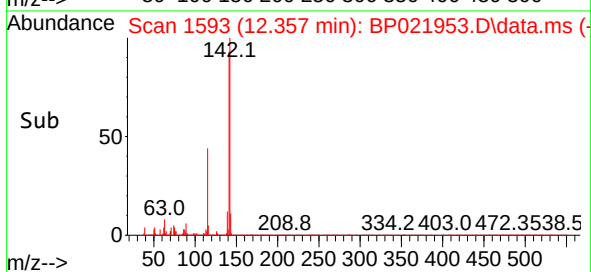
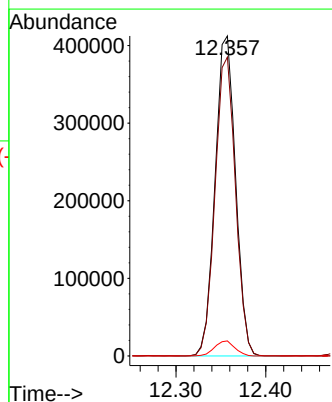
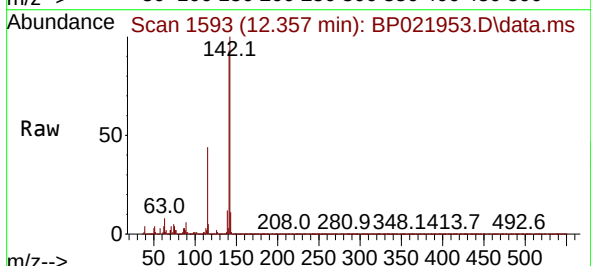
APPROVED

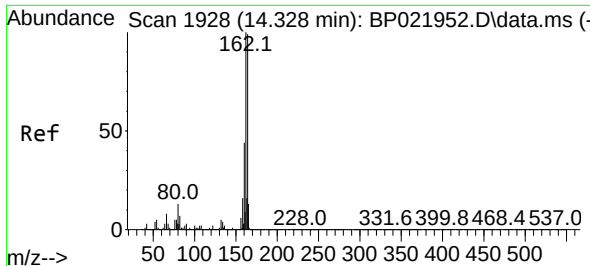
Reviewed By :Jagrut Upadhyay 09/20/2024  
Supervised By :mohammad ahmed 09/22/2024



#38  
1-Methylnaphthalene  
Concen: 50.570 ng  
RT: 12.357 min Scan# 1593  
Delta R.T. 0.000 min  
Lab File: BP021953.D  
Acq: 19 Sep 2024 16:21

Tgt Ion:142 Resp: 652712  
Ion Ratio Lower Upper  
142 100  
141 93.4 74.1 111.1  
116 4.7 3.8 5.8





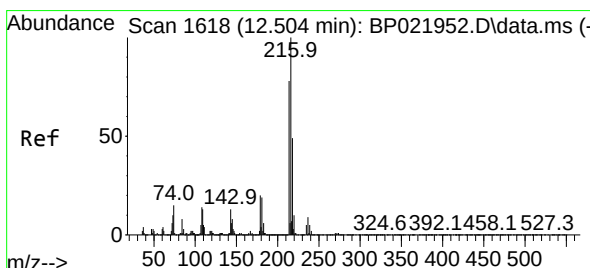
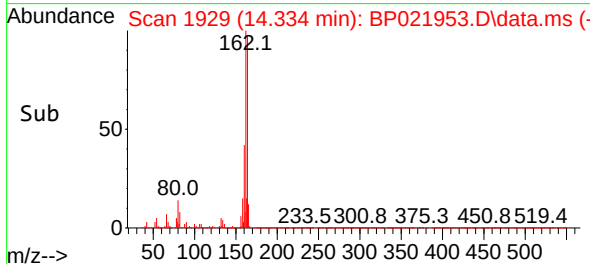
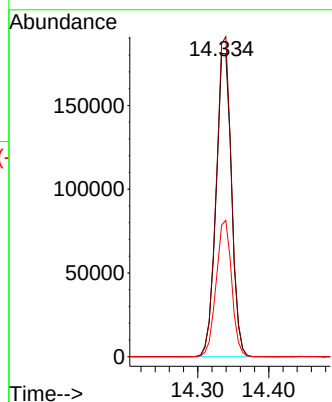
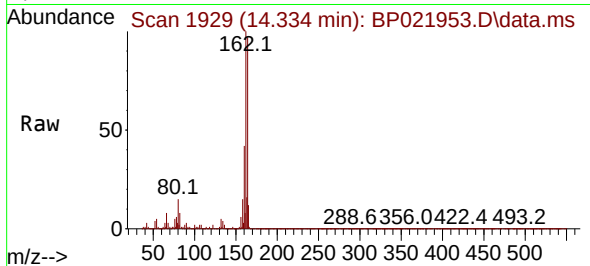
#39  
Acenaphthene-d10  
Concen: 20.000 ng  
RT: 14.334 min Scan# 1928  
Delta R.T. 0.006 min  
Lab File: BP021953.D  
Acq: 19 Sep 2024 16:21

Instrument :  
BNA\_P  
ClientSampleId :  
SSTDICC050

Tgt Ion:164 Resp: 27269  
Ion Ratio Lower Upper  
164 100  
162 103.2 81.2 121.8  
160 43.4 35.9 53.9

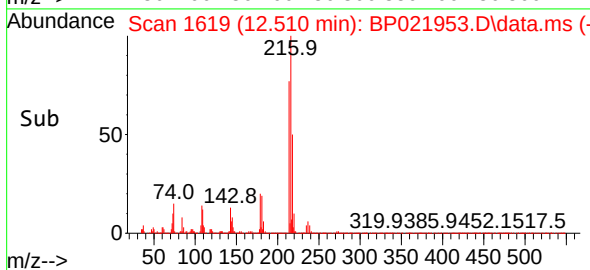
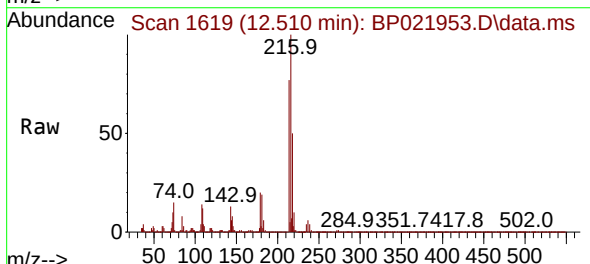
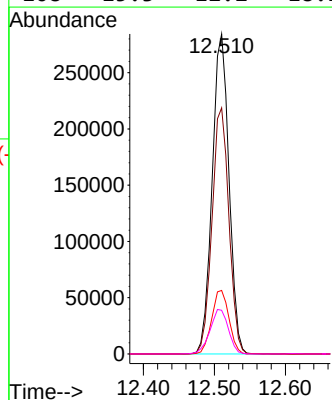
Manual Integrations  
APPROVED

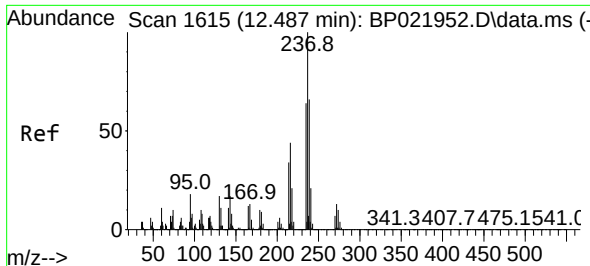
Reviewed By :Jagrut Upadhyay 09/20/2024  
Supervised By :mohammad ahmed 09/22/2024



#40  
1,2,4,5-Tetrachlorobenzene  
Concen: 48.777 ng  
RT: 12.510 min Scan# 1619  
Delta R.T. 0.006 min  
Lab File: BP021953.D  
Acq: 19 Sep 2024 16:21

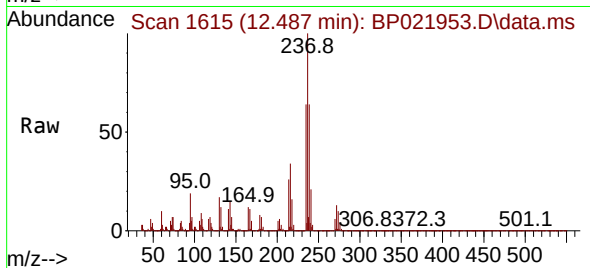
Tgt Ion:216 Resp: 465359  
Ion Ratio Lower Upper  
216 100  
214 77.6 62.8 94.2  
179 20.4 16.4 24.6  
108 15.3 12.2 18.2





#41  
Hexachlorocyclopentadiene  
Concen: 49.428 ng  
RT: 12.487 min Scan# 1615  
Delta R.T. 0.000 min  
Lab File: BP021953.D  
Acq: 19 Sep 2024 16:21

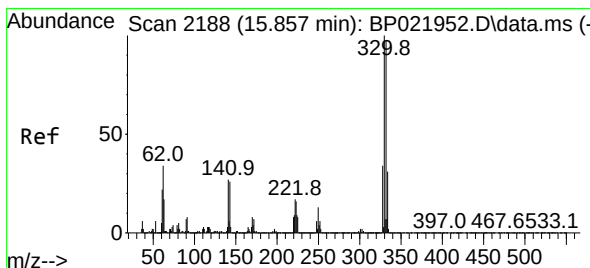
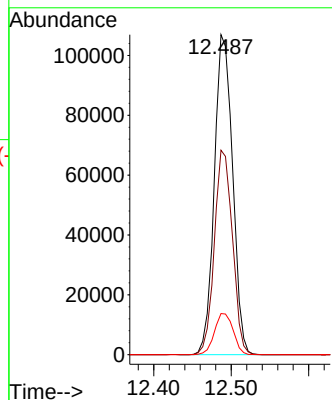
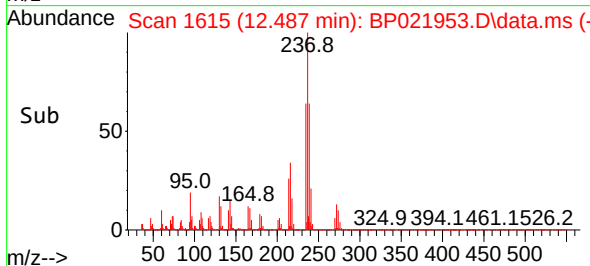
Instrument :  
BNA\_P  
ClientSampleId :  
SSTDICC050



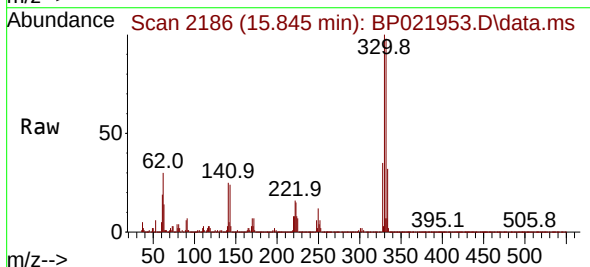
Tgt Ion: 237 Resp: 17521  
Ion Ratio Lower Upper  
237 100  
235 63.9 44.1 84.1  
272 12.8 0.0 33.1

Manual Integrations  
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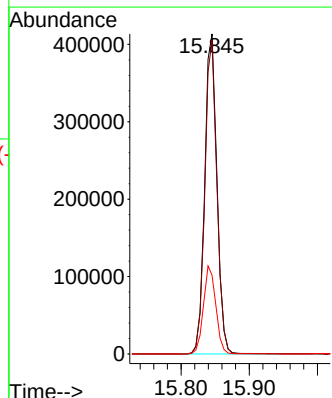
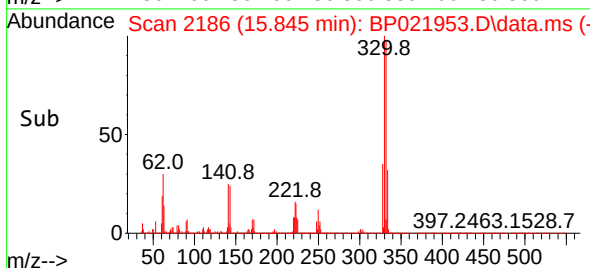
Reviewed By :Jagrut Upadhyay 09/20/2024  
Supervised By :mohammad ahmed 09/22/2024



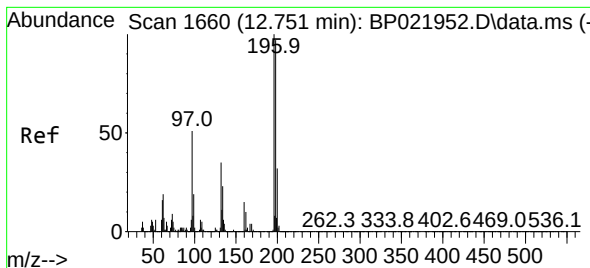
#42  
2,4,6-Tribromophenol  
Concen: 101.818 ng  
RT: 15.845 min Scan# 2186  
Delta R.T. -0.012 min  
Lab File: BP021953.D  
Acq: 19 Sep 2024 16:21



Tgt Ion: 330 Resp: 514730  
Ion Ratio Lower Upper  
330 100  
332 96.3 77.5 116.3  
141 27.8 23.4 35.0







#43

2,4,6-Trichlorophenol

Concen: 51.159 ng

RT: 12.746 min Scan# 1659

Delta R.T. -0.006 min

Lab File: BP021953.D

Acq: 19 Sep 2024 16:21

Instrument :

BNA\_P

ClientSampleId :

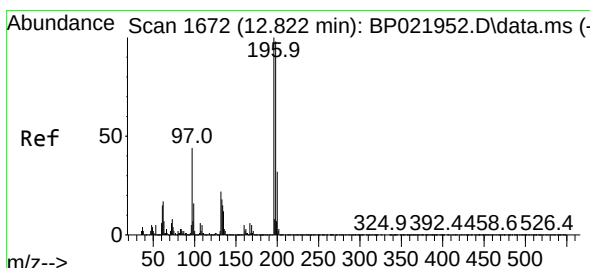
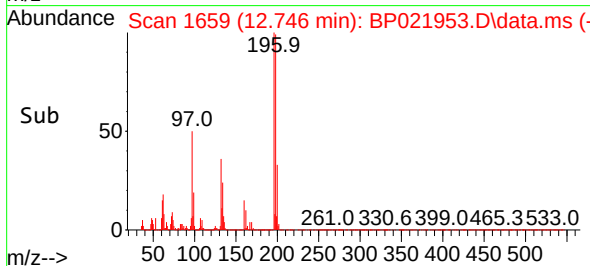
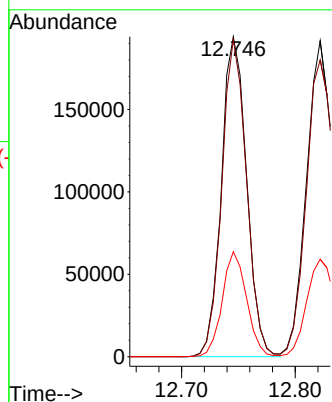
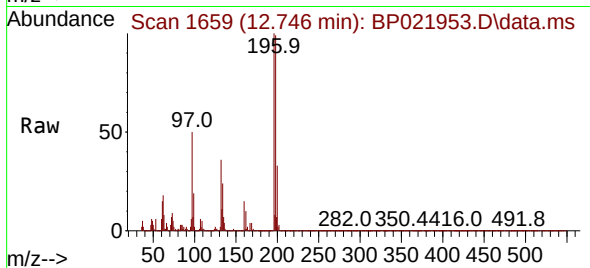
SSTDICC050

|             |       |       |       |
|-------------|-------|-------|-------|
| Tgt Ion:196 | Resp: | 29957 |       |
| Ion Ratio   | Lower | Upper |       |
| 196         | 100   |       |       |
| 198         | 99.1  | 77.6  | 116.4 |
| 200         | 32.8  | 25.8  | 38.6  |

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 09/20/2024  
Supervised By :mohammad ahmed 09/22/2024



#44

2,4,5-Trichlorophenol

Concen: 51.480 ng

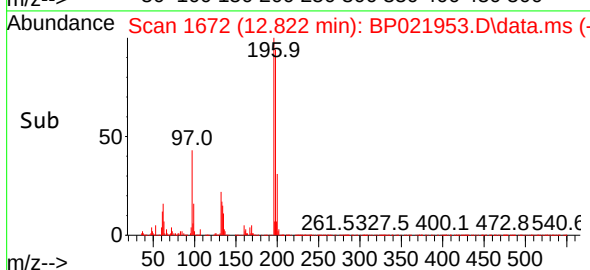
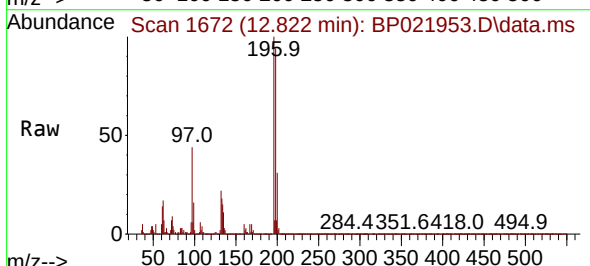
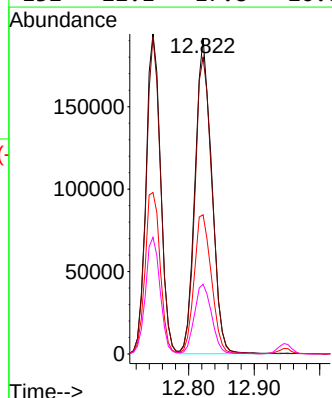
RT: 12.822 min Scan# 1672

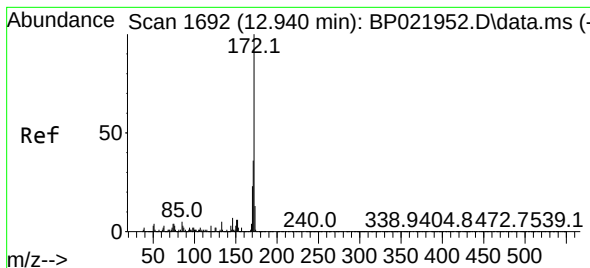
Delta R.T. 0.000 min

Lab File: BP021953.D

Acq: 19 Sep 2024 16:21

|             |       |        |       |
|-------------|-------|--------|-------|
| Tgt Ion:196 | Resp: | 338173 |       |
| Ion Ratio   | Lower | Upper  |       |
| 196         | 100   |        |       |
| 198         | 93.9  | 78.2   | 117.4 |
| 97          | 44.1  | 35.0   | 52.4  |
| 132         | 22.1  | 17.8   | 26.8  |





#45  
2-Fluorobiphenyl  
Concen: 96.991 ng  
RT: 12.945 min Scan# 1692  
Delta R.T. 0.006 min  
Lab File: BP021953.D  
Acq: 19 Sep 2024 16:21

Instrument :

BNA\_P

ClientSampleId :

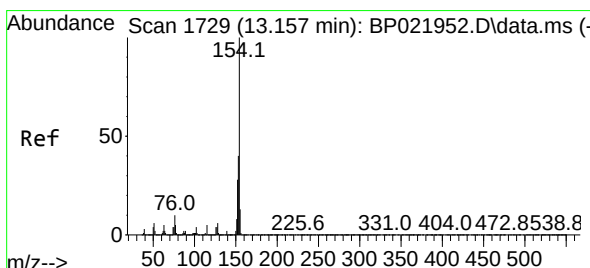
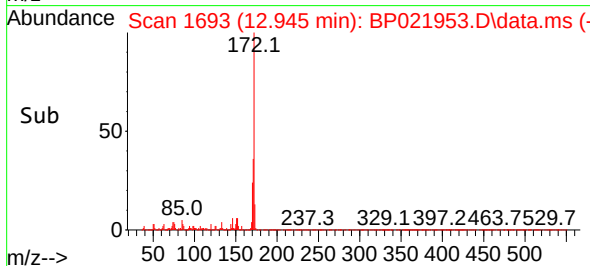
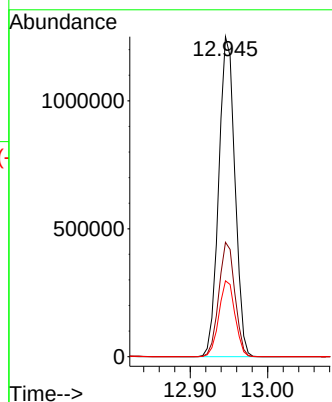
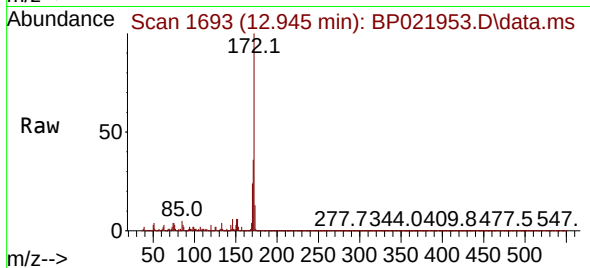
SSTDICC050

Tgt Ion:172 Resp: 1811829  
Ion Ratio Lower Upper  
172 100  
171 35.7 28.6 43.0  
170 23.7 18.8 28.2

Manual Integrations

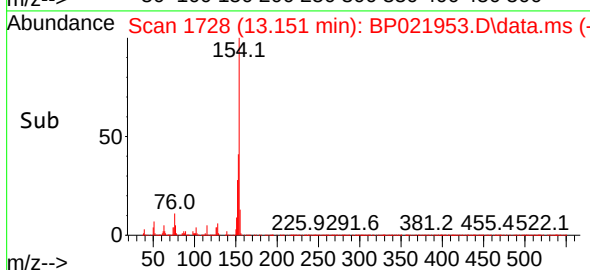
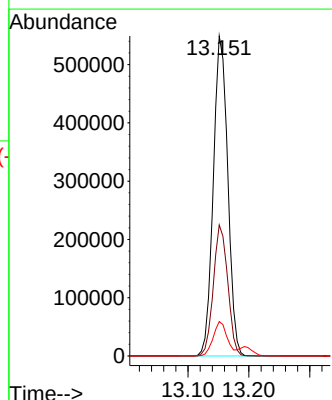
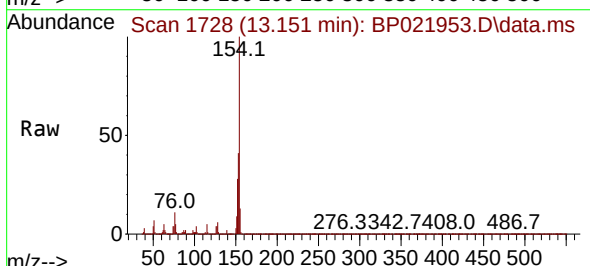
APPROVED

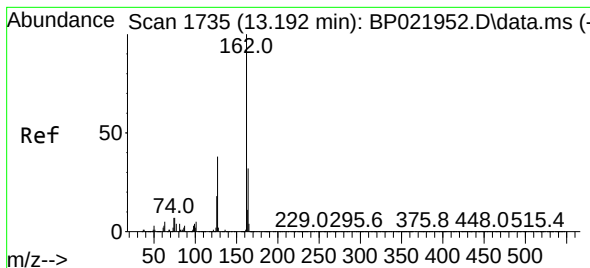
Reviewed By :Jagrut Upadhyay 09/20/2024  
Supervised By :mohammad ahmed 09/22/2024



#46  
1,1'-Biphenyl  
Concen: 48.693 ng  
RT: 13.151 min Scan# 1728  
Delta R.T. -0.006 min  
Lab File: BP021953.D  
Acq: 19 Sep 2024 16:21

Tgt Ion:154 Resp: 905360  
Ion Ratio Lower Upper  
154 100  
153 41.0 20.2 60.2  
76 10.8 0.0 29.9





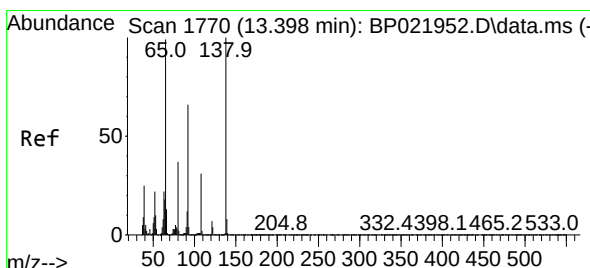
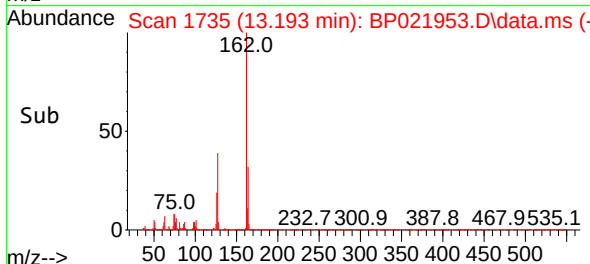
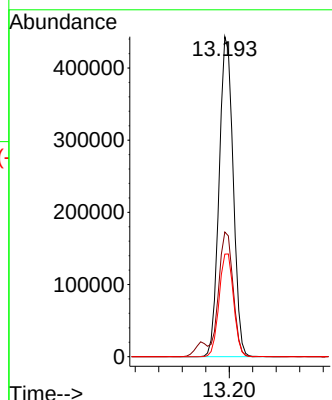
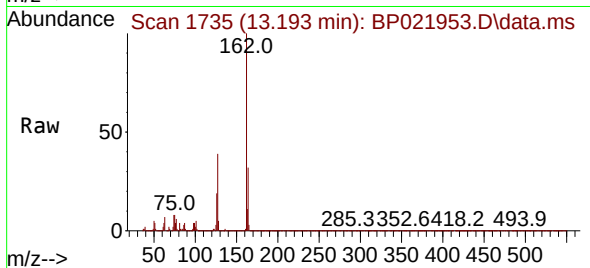
#47  
2-Chloronaphthalene  
Concen: 48.848 ng  
RT: 13.193 min Scan# 1735  
Delta R.T. 0.000 min  
Lab File: BP021953.D  
Acq: 19 Sep 2024 16:21

Instrument :  
BNA\_P  
ClientSampleId :  
SSTDICC050

Tgt Ion:162 Resp: 73438  
Ion Ratio Lower Upper  
162 100  
127 39.0 31.7 47.5  
164 32.1 25.9 38.9

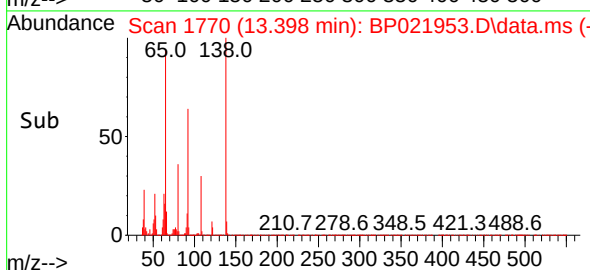
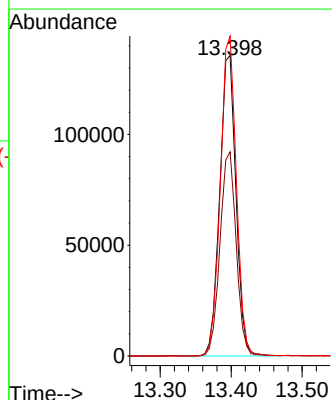
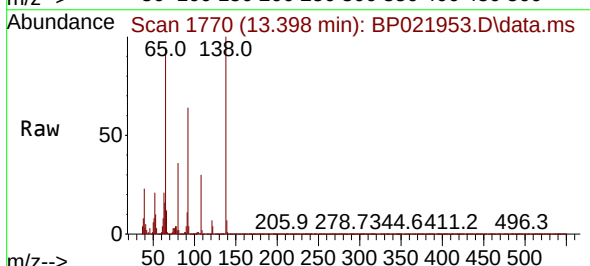
Manual Integrations  
APPROVED

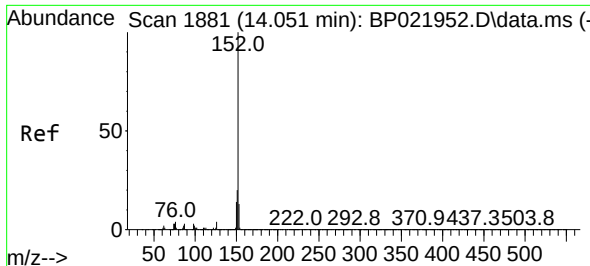
Reviewed By :Jagrut Upadhyay 09/20/2024  
Supervised By :mohammad ahmed 09/22/2024



#48  
2-Nitroaniline  
Concen: 52.334 ng  
RT: 13.398 min Scan# 1770  
Delta R.T. 0.000 min  
Lab File: BP021953.D  
Acq: 19 Sep 2024 16:21

Tgt Ion: 65 Resp: 214843  
Ion Ratio Lower Upper  
65 100  
92 67.9 53.2 79.8  
138 106.5 81.1 121.7





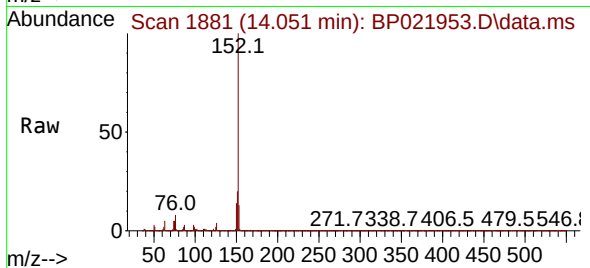
#49  
Acenaphthylene  
Concen: 50.413 ng  
RT: 14.051 min Scan# 1881  
Delta R.T. 0.000 min  
Lab File: BP021953.D  
Acq: 19 Sep 2024 16:21

Instrument :

BNA\_P

ClientSampleId :

SSTDICC050

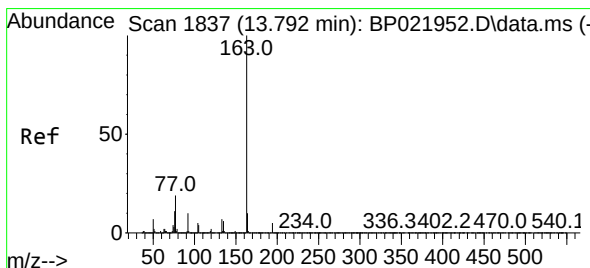
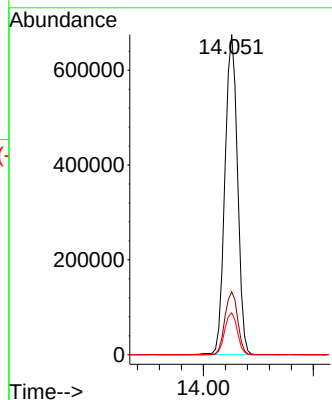
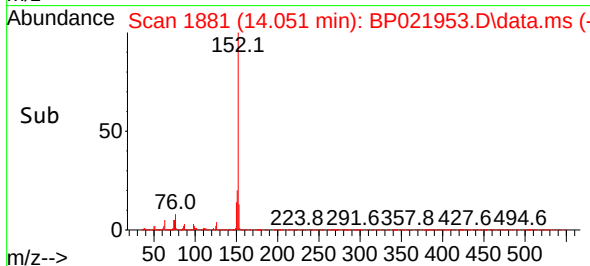


Tgt Ion:152 Resp: 1069460  
Ion Ratio Lower Upper  
152 100  
151 19.6 16.0 24.0  
153 13.1 10.8 16.2

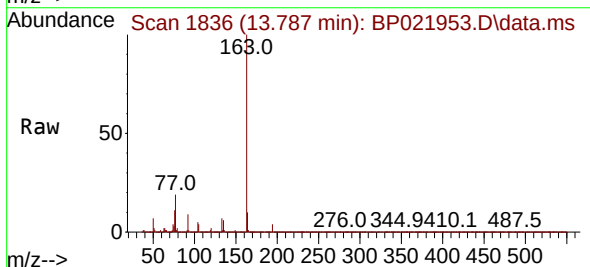
Manual Integrations

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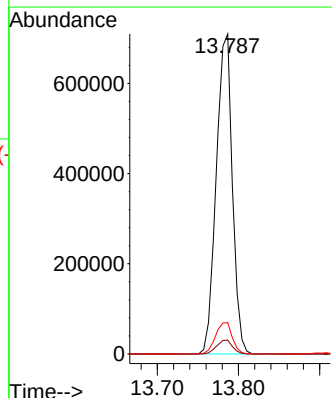
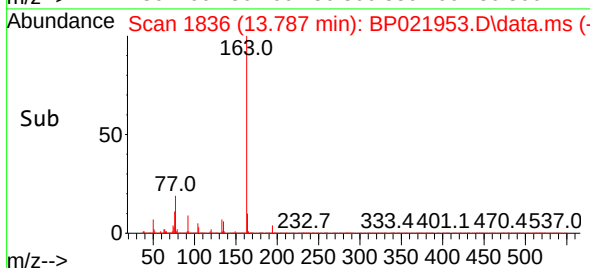
Reviewed By :Jagrut Upadhyay 09/20/2024  
Supervised By :mohammad ahmed 09/22/2024

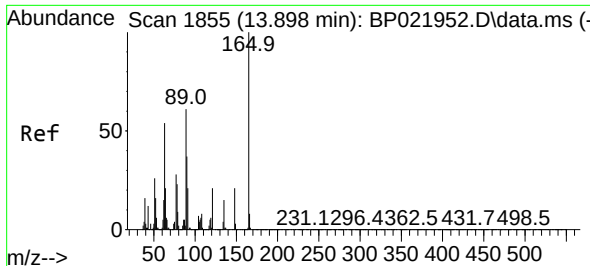


#50  
Dimethylphthalate  
Concen: 49.445 ng  
RT: 13.787 min Scan# 1836  
Delta R.T. -0.006 min  
Lab File: BP021953.D  
Acq: 19 Sep 2024 16:21



Tgt Ion:163 Resp: 977906  
Ion Ratio Lower Upper  
163 100  
194 4.3 3.6 5.4  
164 9.8 8.0 12.0





#51  
2,6-Dinitrotoluene  
Concen: 50.546 ng  
RT: 13.904 min Scan# 1856  
Delta R.T. 0.006 min  
Lab File: BP021953.D  
Acq: 19 Sep 2024 16:21

Instrument :

BNA\_P

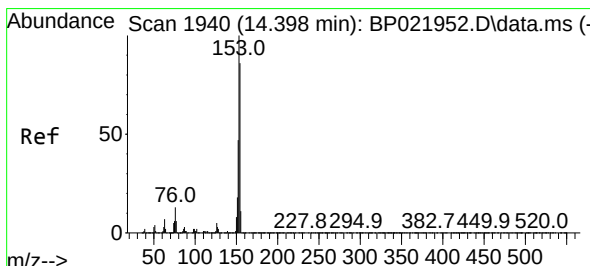
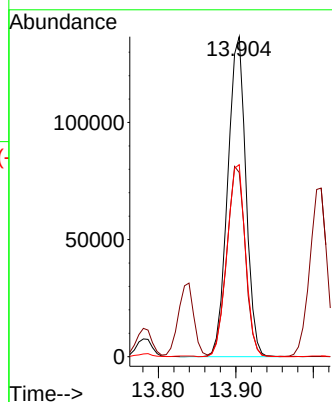
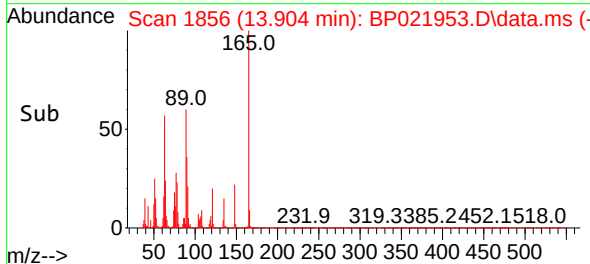
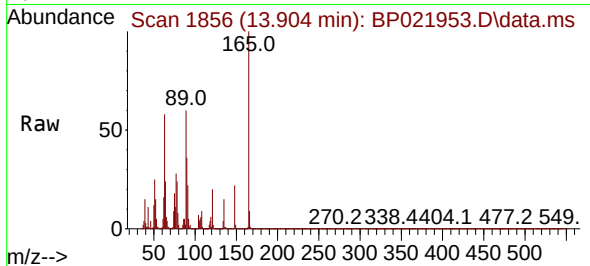
ClientSampleId :

SSTDICC050

Tgt Ion:165 Resp: 222759  
Ion Ratio Lower Upper  
165 100  
63 57.5 46.4 69.6  
89 60.0 48.5 72.7

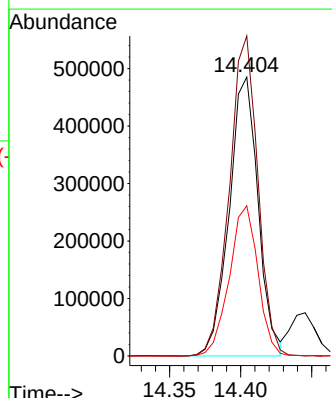
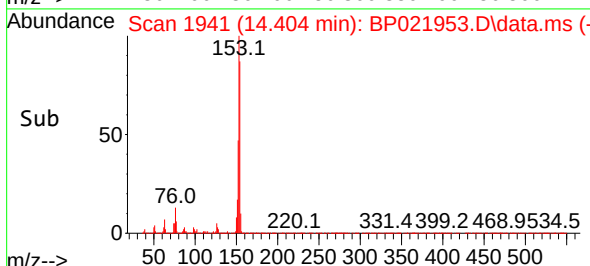
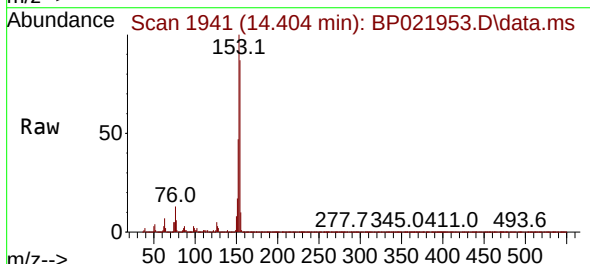
Manual Integrations  
APPROVED

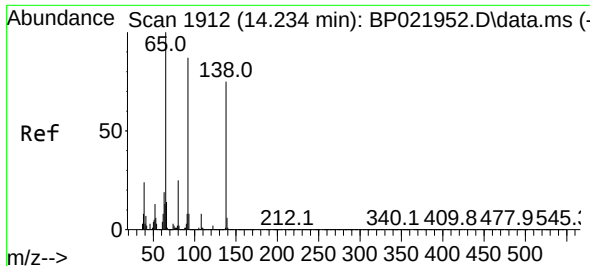
Reviewed By :Jagrut Upadhyay 09/20/2024  
Supervised By :mohammad ahmed 09/22/2024



#52  
Acenaphthene  
Concen: 49.792 ng  
RT: 14.404 min Scan# 1941  
Delta R.T. 0.006 min  
Lab File: BP021953.D  
Acq: 19 Sep 2024 16:21

Tgt Ion:154 Resp: 687465  
Ion Ratio Lower Upper  
154 100  
153 114.7 92.7 139.1  
152 53.9 43.6 65.4





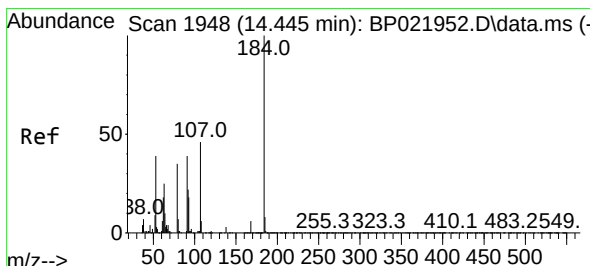
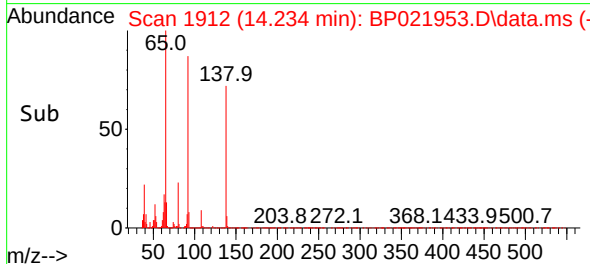
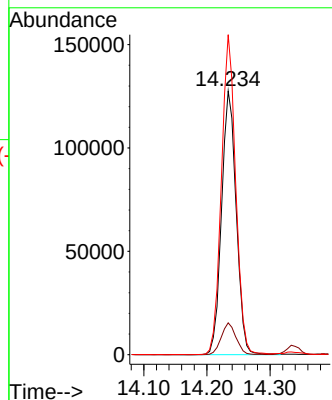
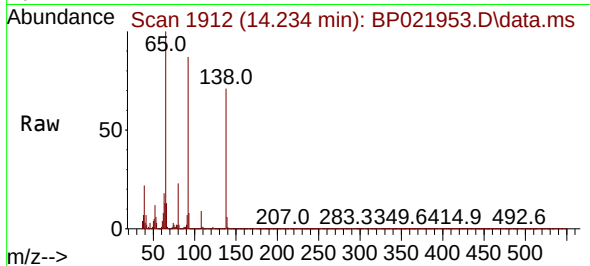
#53  
3-Nitroaniline  
Concen: 52.257 ng  
RT: 14.234 min Scan# 1912  
Delta R.T. 0.000 min  
Lab File: BP021953.D  
Acq: 19 Sep 2024 16:21

Instrument :  
BNA\_P  
ClientSampleId :  
SSTDICC050

Tgt Ion:138 Resp: 205248  
Ion Ratio Lower Upper  
138 100  
108 12.1 9.0 13.4  
92 121.4 92.8 139.2

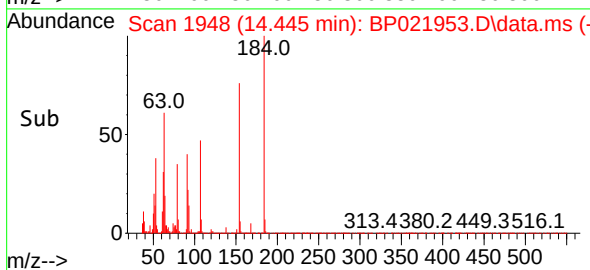
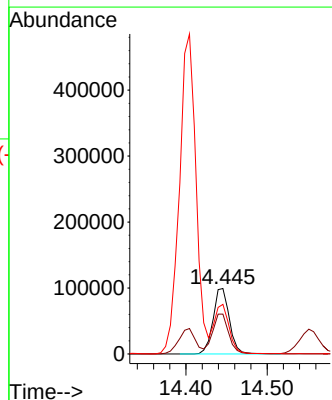
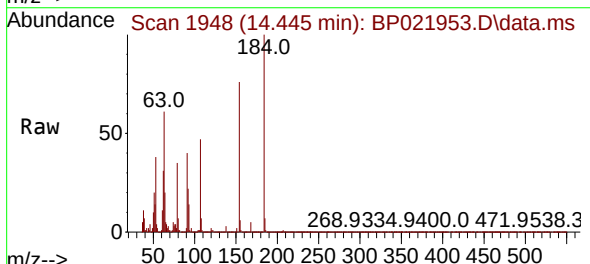
Manual Integrations  
APPROVED

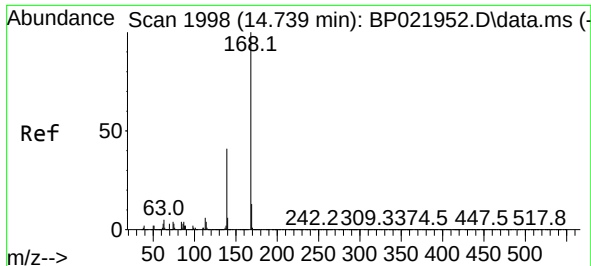
Reviewed By :Jagrut Upadhyay 09/20/2024  
Supervised By :mohammad ahmed 09/22/2024



#54  
2,4-Dinitrophenol  
Concen: 53.474 ng  
RT: 14.445 min Scan# 1948  
Delta R.T. 0.000 min  
Lab File: BP021953.D  
Acq: 19 Sep 2024 16:21

Tgt Ion:184 Resp: 138077  
Ion Ratio Lower Upper  
184 100  
63 60.9 49.0 73.6  
154 75.9 58.1 87.1





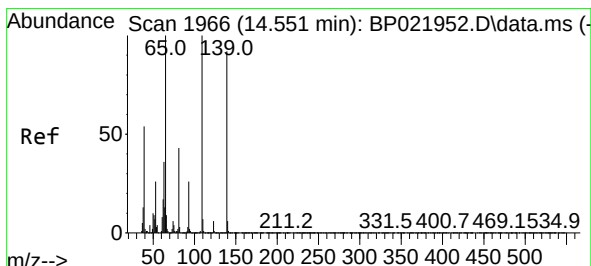
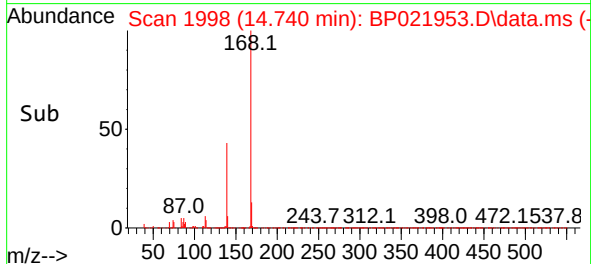
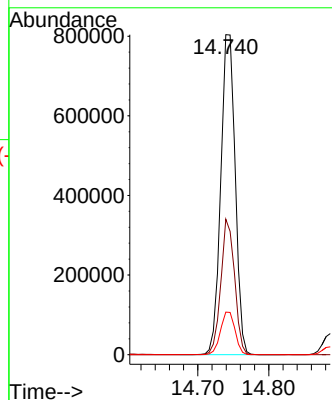
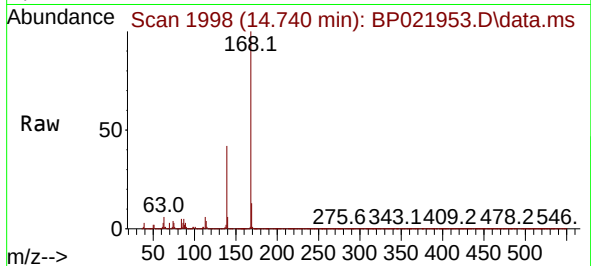
#55  
Dibenzenofuran  
Concen: 48.753 ng  
RT: 14.740 min Scan# 1998  
Delta R.T. 0.000 min  
Lab File: BP021953.D  
Acq: 19 Sep 2024 16:21

Instrument :  
BNA\_P  
ClientSampleId :  
SSTDICC050

Tgt Ion:168 Resp: 113142  
Ion Ratio Lower Upper  
168 100  
139 42.4 33.0 49.4  
169 13.3 10.7 16.1

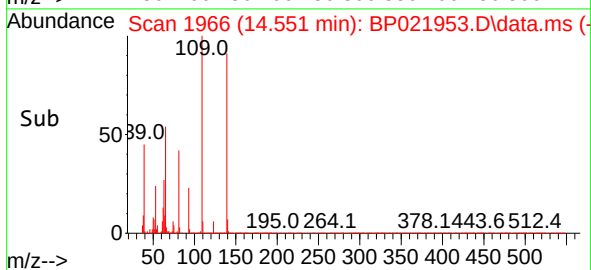
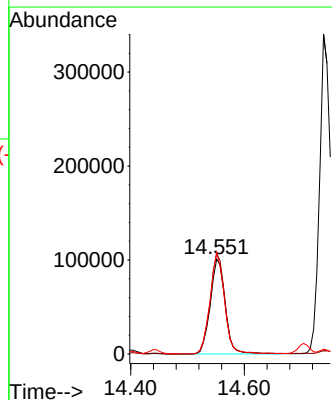
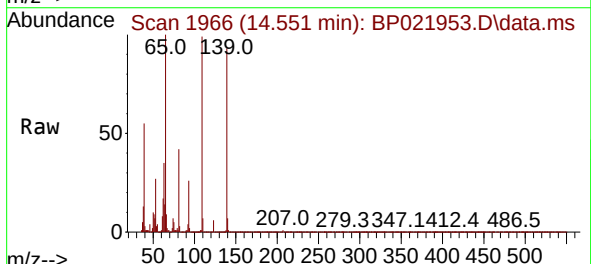
Manual Integrations  
APPROVED

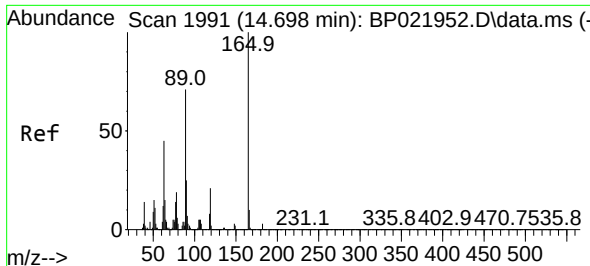
Reviewed By :Jagrut Upadhyay 09/20/2024  
Supervised By :mohammad ahmed 09/22/2024



#56  
4-Nitrophenol  
Concen: 53.511 ng  
RT: 14.551 min Scan# 1966  
Delta R.T. 0.000 min  
Lab File: BP021953.D  
Acq: 19 Sep 2024 16:21

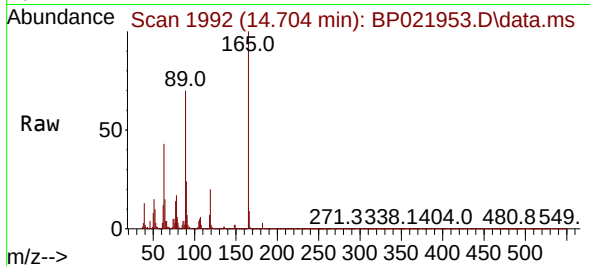
Tgt Ion:139 Resp: 182941  
Ion Ratio Lower Upper  
139 100  
109 106.1 88.6 128.6  
65 107.1 88.7 128.7





#57  
2,4-Dinitrotoluene  
Concen: 51.791 ng  
RT: 14.704 min Scan# 1992  
Delta R.T. 0.006 min  
Lab File: BP021953.D  
Acq: 19 Sep 2024 16:21

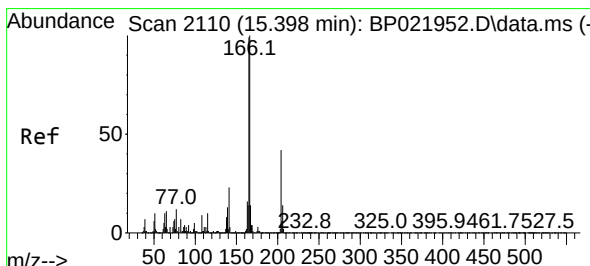
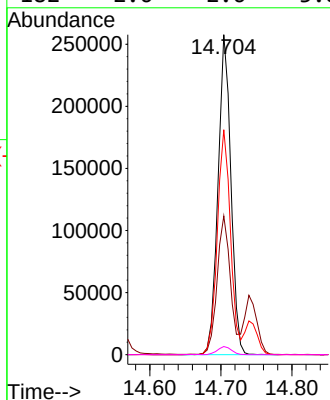
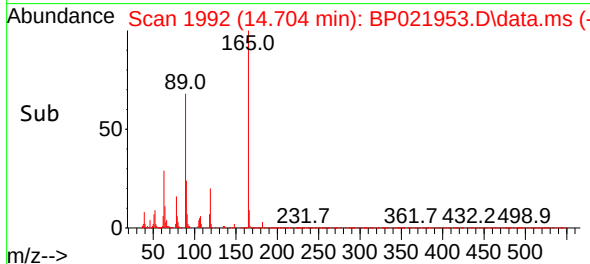
Instrument :  
BNA\_P  
ClientSampleId :  
SSTDICC050



Tgt Ion:165 Resp: 322660  
Ion Ratio Lower Upper  
165 100  
63 43.4 36.3 54.5  
89 70.3 57.2 85.8  
182 2.6 2.6 3.8

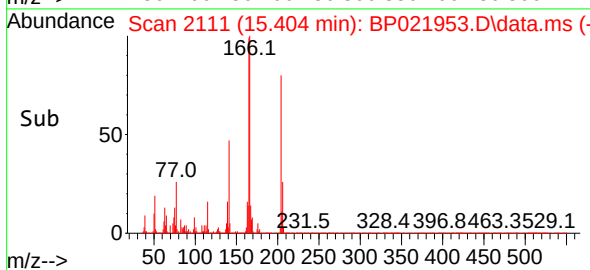
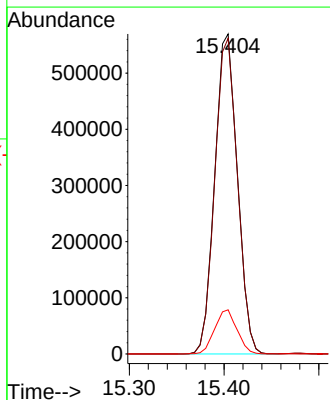
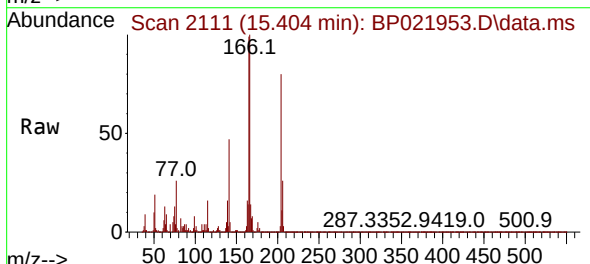
Manual Integrations  
APPROVED

Reviewed By :Jagrut Upadhyay 09/20/2024  
Supervised By :mohammad ahmed 09/22/2024

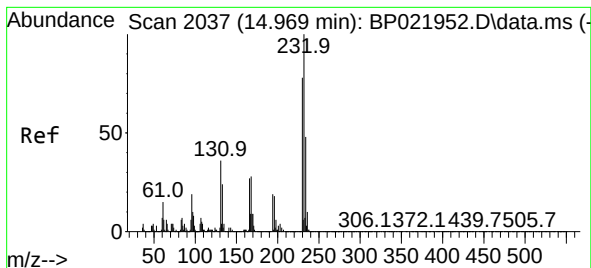


#58  
Fluorene  
Concen: 48.842 ng  
RT: 15.404 min Scan# 2111  
Delta R.T. 0.006 min  
Lab File: BP021953.D  
Acq: 19 Sep 2024 16:21

Tgt Ion:166 Resp: 946566  
Ion Ratio Lower Upper  
166 100  
165 98.7 79.4 119.2  
167 13.8 10.9 16.3







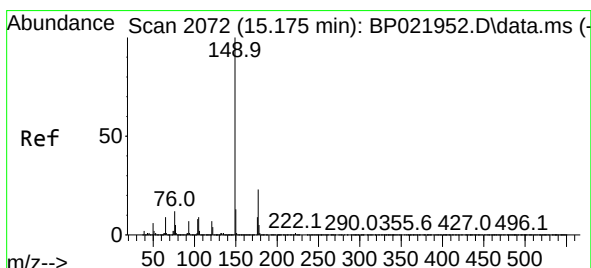
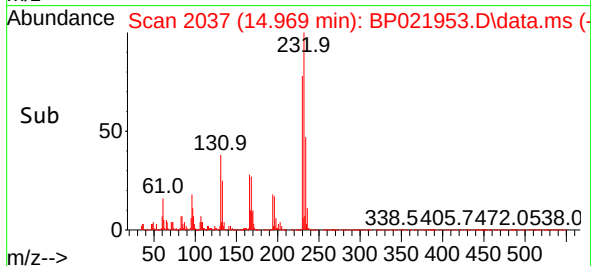
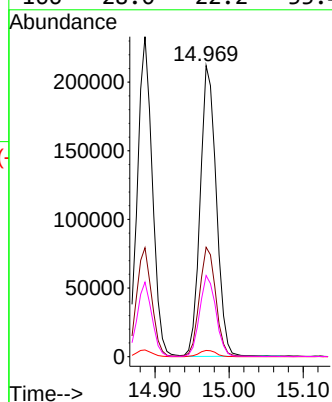
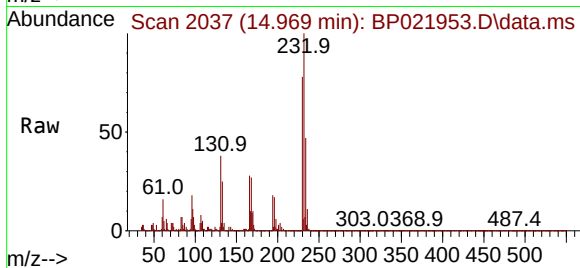
#59  
2,3,4,6-Tetrachlorophenol  
Concen: 50.421 ng  
RT: 14.969 min Scan# 2037  
Delta R.T. 0.000 min  
Lab File: BP021953.D  
Acq: 19 Sep 2024 16:21

Instrument :  
BNA\_P  
ClientSampleId :  
SSTDICC050

Tgt Ion:232 Resp: 319659  
Ion Ratio Lower Upper  
232 100  
131 38.1 30.2 45.4  
130 2.3 1.9 2.9  
166 28.0 22.2 33.4

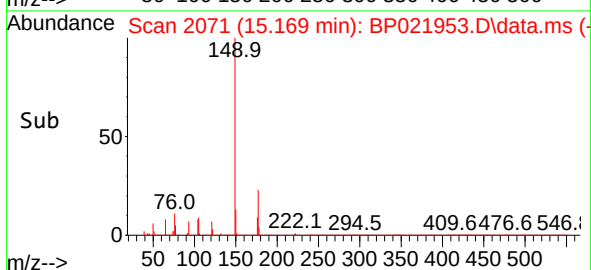
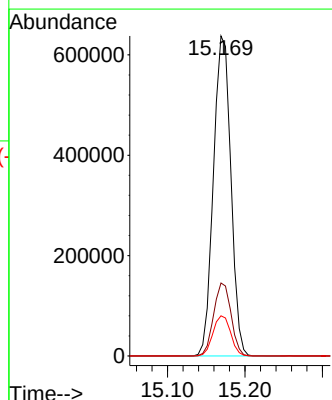
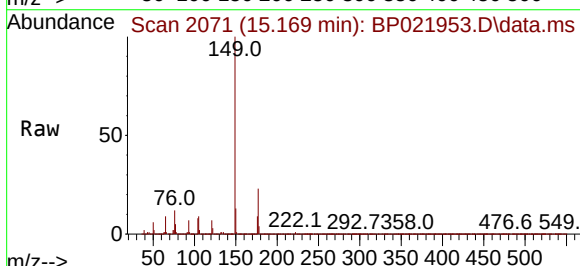
Manual Integrations  
APPROVED

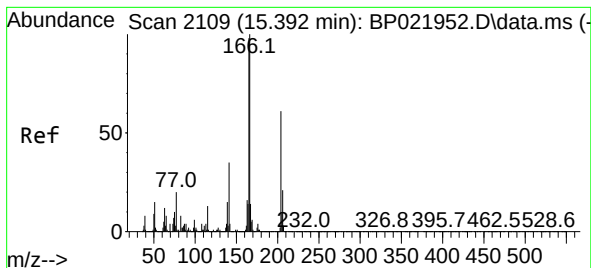
Reviewed By :Jagrut Upadhyay 09/20/2024  
Supervised By :mohammad ahmed 09/22/2024



#60  
Diethylphthalate  
Concen: 49.562 ng  
RT: 15.169 min Scan# 2071  
Delta R.T. -0.006 min  
Lab File: BP021953.D  
Acq: 19 Sep 2024 16:21

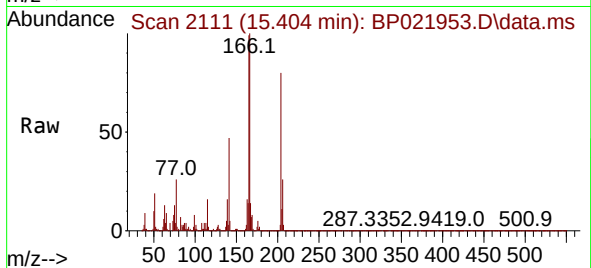
Tgt Ion:149 Resp: 996073  
Ion Ratio Lower Upper  
149 100  
177 22.8 18.2 27.4  
150 12.5 10.1 15.1





#61  
4-Chlorophenyl-phenylether  
Concen: 48.596 ng  
RT: 15.404 min Scan# 2111  
Delta R.T. 0.012 min  
Lab File: BP021953.D  
Acq: 19 Sep 2024 16:21

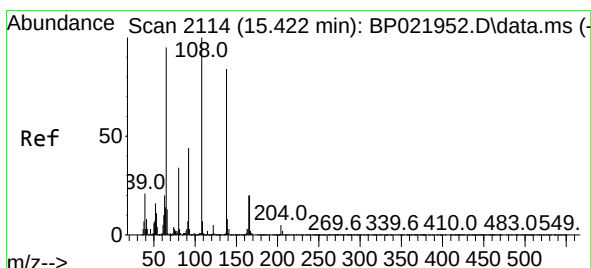
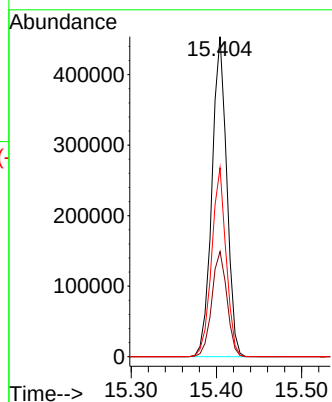
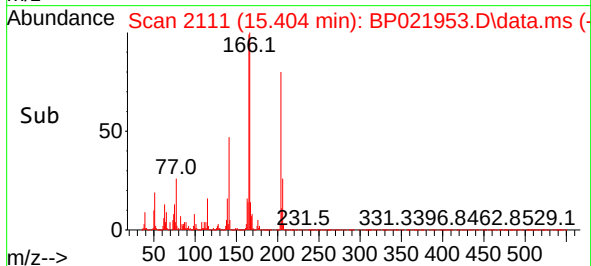
Instrument :  
BNA\_P  
ClientSampleId :  
SSTDICC050



Tgt Ion:204 Resp: 54830  
Ion Ratio Lower Upper  
204 100  
206 32.8 27.3 40.9  
141 59.0 45.7 68.5

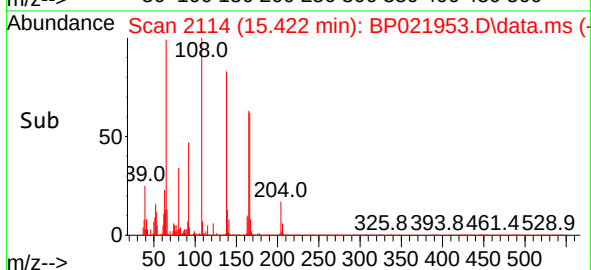
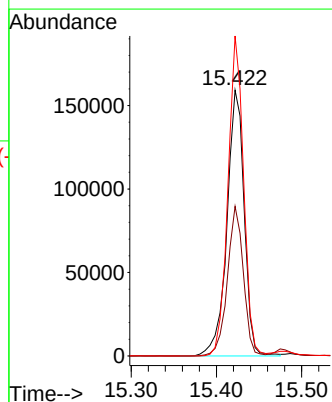
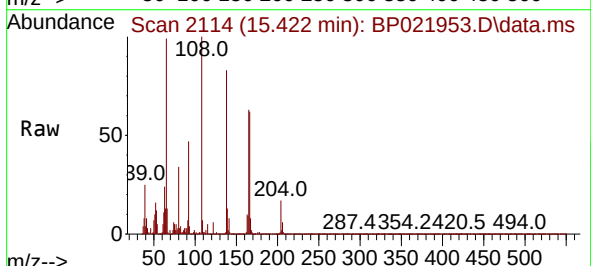
Manual Integrations  
APPROVED

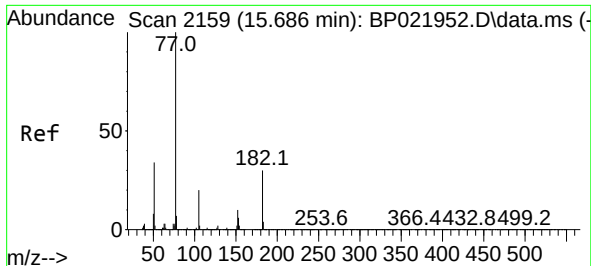
Reviewed By :Jagrut Upadhyay 09/20/2024  
Supervised By :mohammad ahmed 09/22/2024



#62  
4-Nitroaniline  
Concen: 52.185 ng  
RT: 15.422 min Scan# 2114  
Delta R.T. 0.000 min  
Lab File: BP021953.D  
Acq: 19 Sep 2024 16:21

Tgt Ion:138 Resp: 223837  
Ion Ratio Lower Upper  
138 100  
92 56.3 32.6 72.6  
108 120.4 98.6 138.6





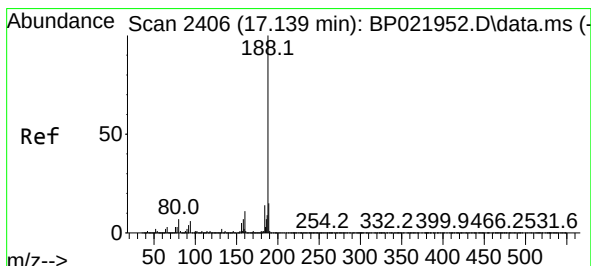
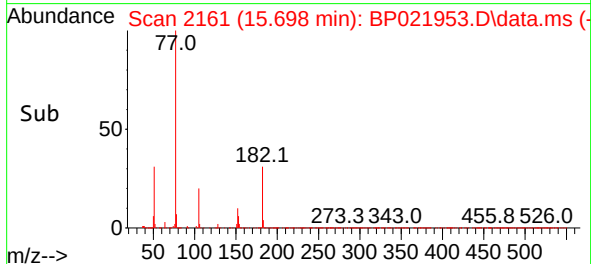
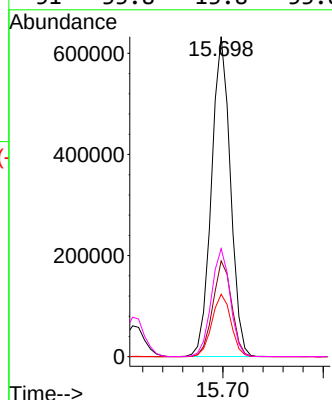
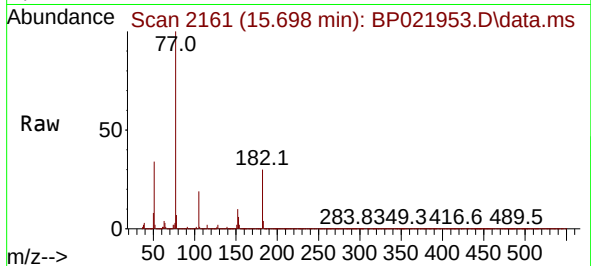
#63  
Azobenzene  
Concen: 49.739 ng  
RT: 15.698 min Scan# 2159  
Delta R.T. 0.012 min  
Lab File: BP021953.D  
Acq: 19 Sep 2024 16:21

Instrument :  
BNA\_P  
ClientSampleId :  
SSTDICC050

|             |             |
|-------------|-------------|
| Tgt Ion: 77 | Resp: 82723 |
| Ion Ratio   | Lower Upper |
| 77 100      |             |
| 182 29.9    | 9.6 49.6    |
| 105 19.5    | 0.0 39.8    |
| 51 33.8     | 13.8 53.8   |

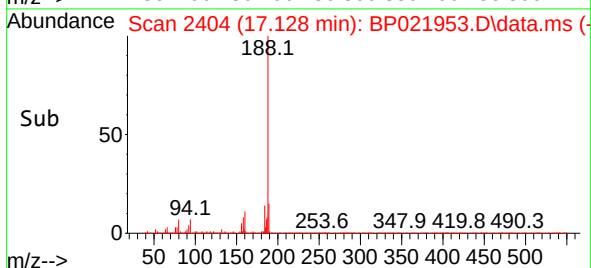
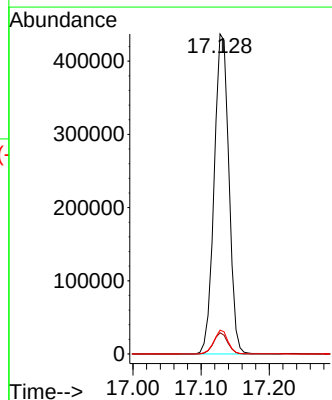
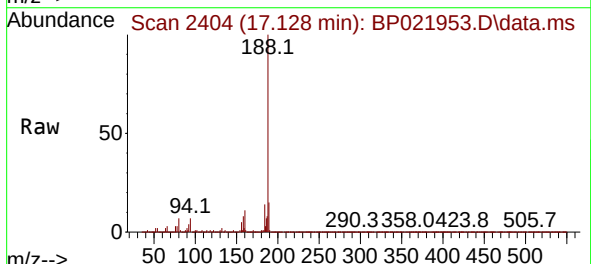
Manual Integrations  
APPROVED

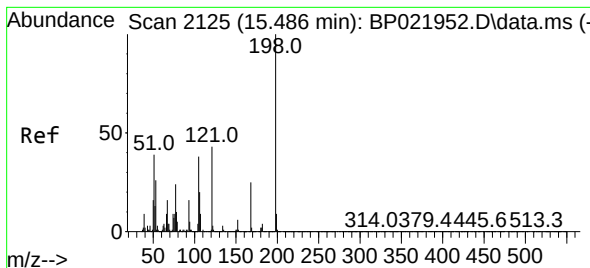
Reviewed By :Jagrut Upadhyay 09/20/2024  
Supervised By :mohammad ahmed 09/22/2024



#64  
Phenanthrene-d10  
Concen: 20.000 ng  
RT: 17.128 min Scan# 2404  
Delta R.T. -0.012 min  
Lab File: BP021953.D  
Acq: 19 Sep 2024 16:21

|             |              |
|-------------|--------------|
| Tgt Ion:188 | Resp: 657917 |
| Ion Ratio   | Lower Upper  |
| 188 100     |              |
| 94 6.7      | 4.6 6.8      |
| 80 7.5      | 5.4 8.2      |





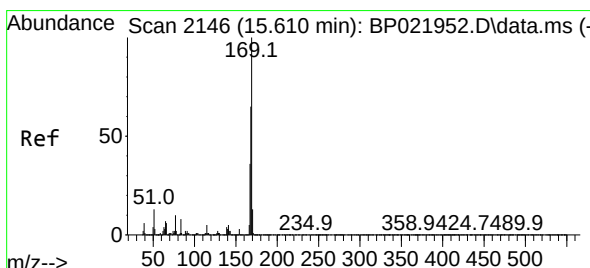
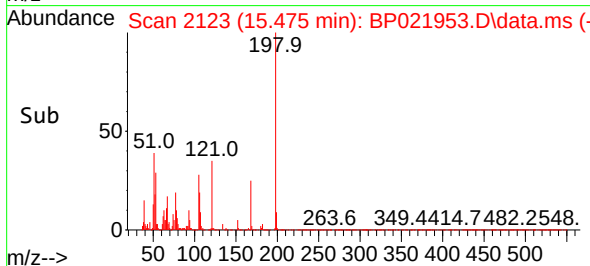
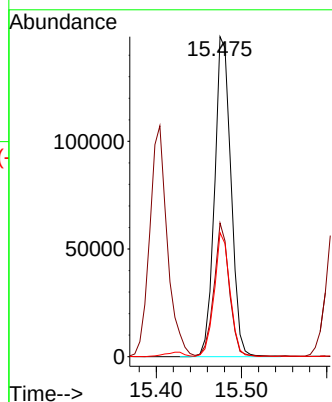
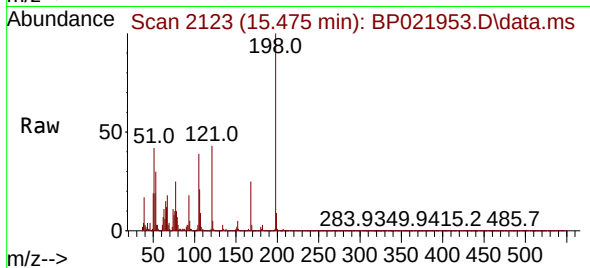
#65  
4,6-Dinitro-2-methylphenol  
Concen: 52.057 ng  
RT: 15.475 min Scan# 2123  
Delta R.T. -0.012 min  
Lab File: BP021953.D  
Acq: 19 Sep 2024 16:21

Instrument :  
BNA\_P  
ClientSampleId :  
SSTDICC050

Tgt Ion:198 Resp: 19851  
Ion Ratio Lower Upper  
198 100  
51 41.7 20.7 60.7  
105 38.7 18.4 58.4

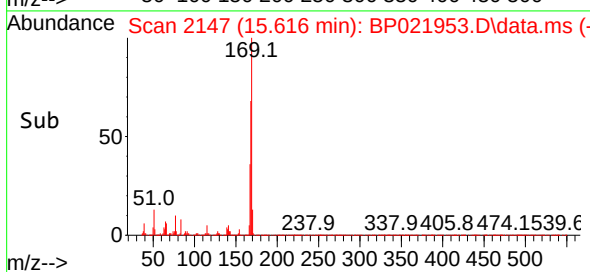
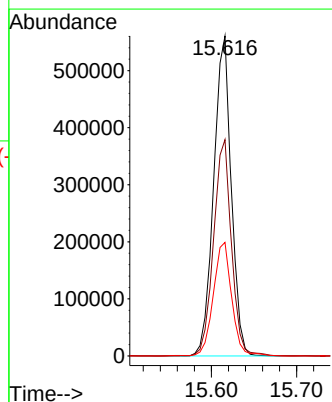
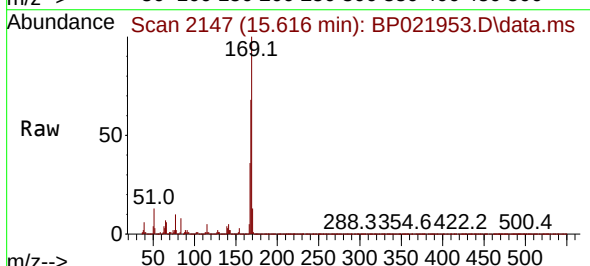
Manual Integrations  
APPROVED

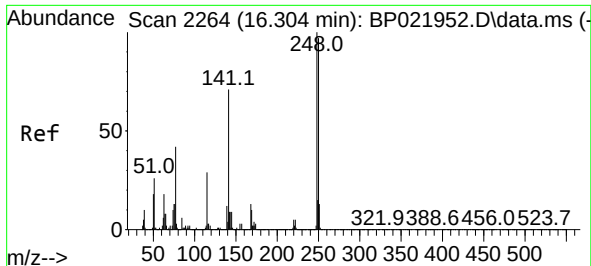
Reviewed By :Jagrut Upadhyay 09/20/2024  
Supervised By :mohammad ahmed 09/22/2024



#66  
n-Nitrosodiphenylamine  
Concen: 49.002 ng  
RT: 15.616 min Scan# 2147  
Delta R.T. 0.006 min  
Lab File: BP021953.D  
Acq: 19 Sep 2024 16:21

Tgt Ion:169 Resp: 802754  
Ion Ratio Lower Upper  
169 100  
168 67.6 52.2 78.4  
167 35.5 28.6 42.8





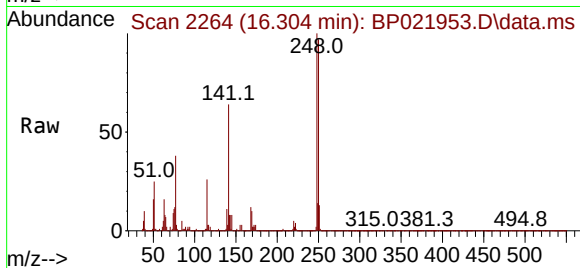
#67  
4-Bromophenyl-phenylether  
Concen: 49.019 ng  
RT: 16.304 min Scan# 21  
Delta R.T. 0.000 min  
Lab File: BP021953.D  
Acq: 19 Sep 2024 16:21

Instrument :

BNA\_P

ClientSampleId :

SSTDICC050

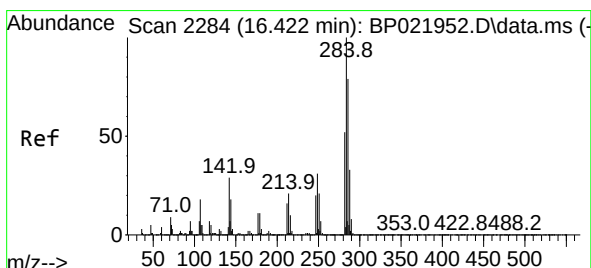
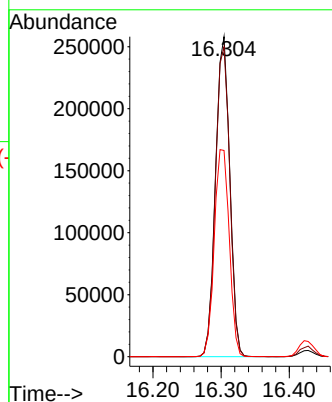
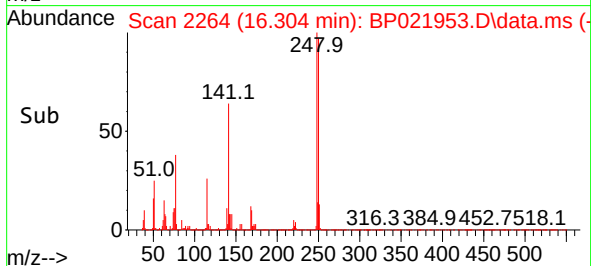


Tgt Ion:248 Resp: 37595  
Ion Ratio Lower Upper  
248 100  
250 96.9 77.5 116.3  
141 64.5 56.5 84.7

Manual Integrations

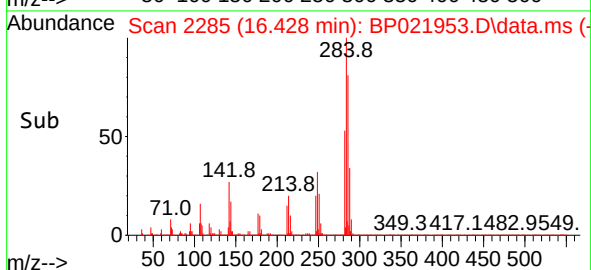
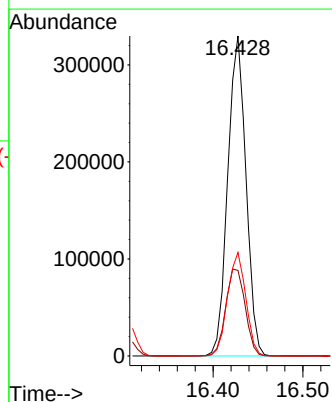
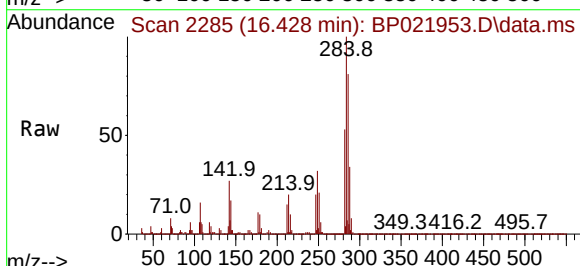
APPROVED

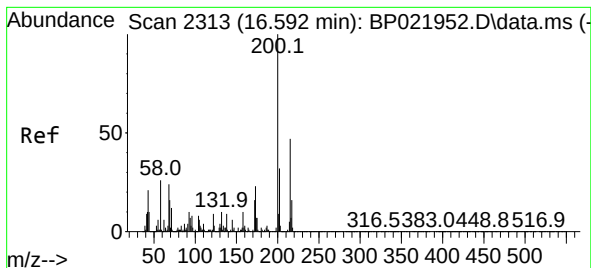
Reviewed By :Jagrut Upadhyay 09/20/2024  
Supervised By :mohammad ahmed 09/22/2024



#68  
Hexachlorobenzene  
Concen: 48.596 ng  
RT: 16.428 min Scan# 2285  
Delta R.T. 0.006 min  
Lab File: BP021953.D  
Acq: 19 Sep 2024 16:21

Tgt Ion:284 Resp: 464673  
Ion Ratio Lower Upper  
284 100  
142 26.7 22.9 34.3  
249 32.3 25.2 37.8





#69

Atrazine

Concen: 46.573 ng

RT: 16.586 min Scan# 21

Delta R.T. -0.006 min

Lab File: BP021953.D

Acq: 19 Sep 2024 16:21

Instrument :

BNA\_P

ClientSampleId :

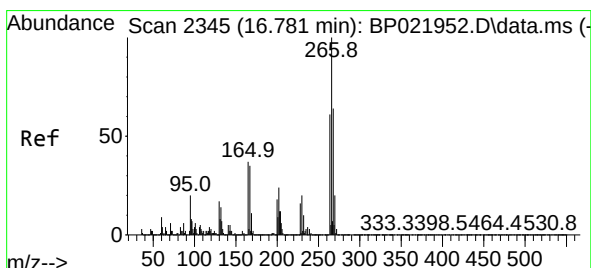
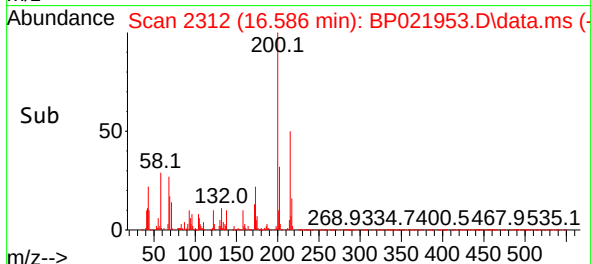
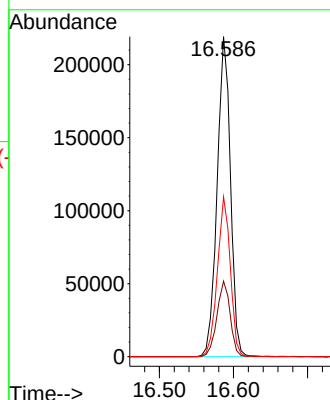
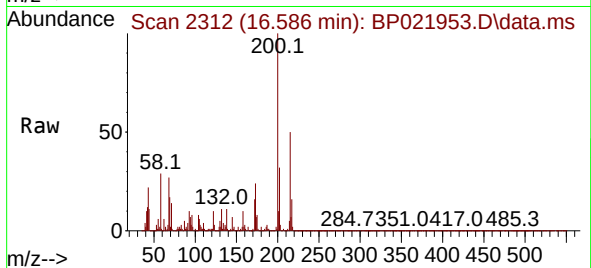
SSTDICC050

Tgt Ion:200 Resp: 273350  
Ion Ratio Lower Upper  
200 100  
173 23.6 3.0 43.0  
215 50.0 27.4 67.4

Manual Integrations

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Reviewed By :Jagrut Upadhyay 09/20/2024  
Supervised By :mohammad ahmed 09/22/2024



#70

Pentachlorophenol

Concen: 51.283 ng

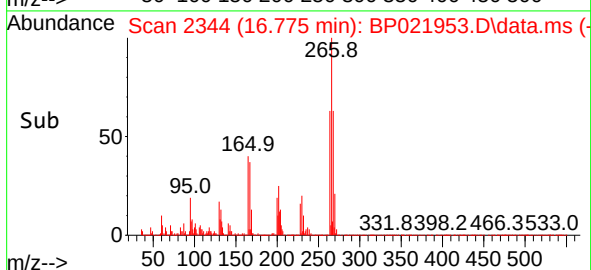
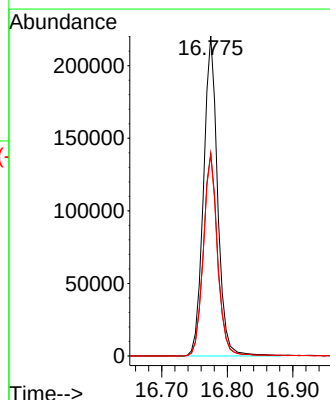
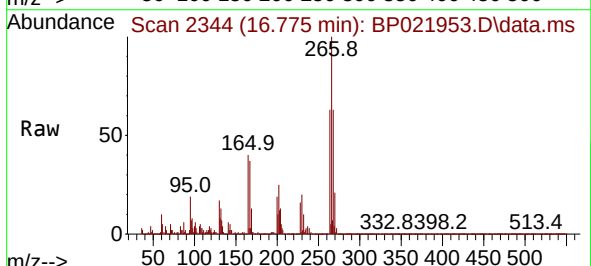
RT: 16.775 min Scan# 2344

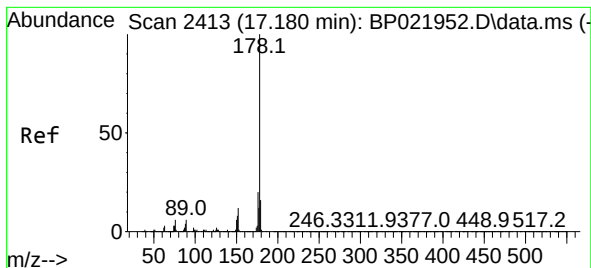
Delta R.T. -0.006 min

Lab File: BP021953.D

Acq: 19 Sep 2024 16:21

Tgt Ion:266 Resp: 329911  
Ion Ratio Lower Upper  
266 100  
268 63.5 51.1 76.7  
264 62.8 48.6 72.8





#71

Phenanthrene

Concen: 49.046 ng

RT: 17.175 min Scan# 2412

Delta R.T. -0.006 min

Lab File: BP021953.D

Acq: 19 Sep 2024 16:21

Instrument :

BNA\_P

ClientSampleId :

SSTDICC050

Tgt Ion:178 Resp: 1548998

Ion Ratio Lower Upper

178 100

176 19.4 15.9 23.9

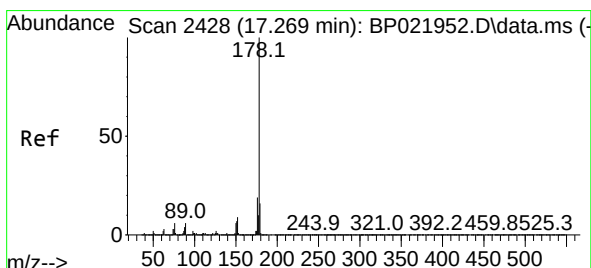
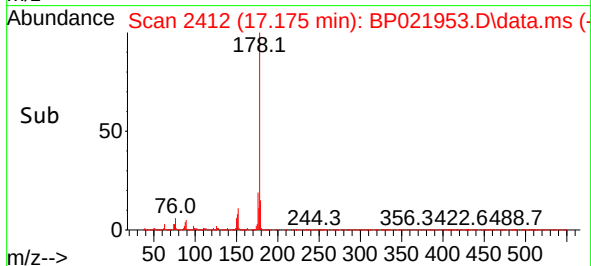
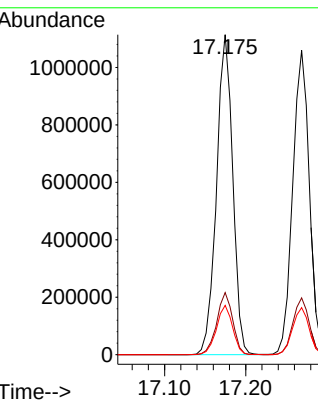
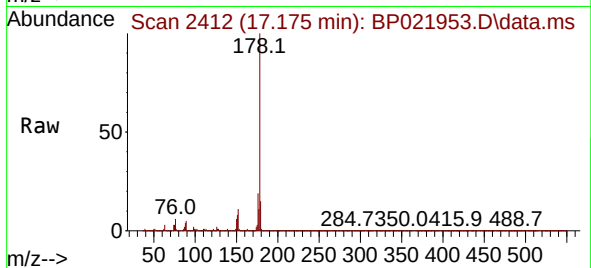
179 15.4 12.5 18.7

Manual Integrations

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Reviewed By :Jagrut Upadhyay 09/20/2024

Supervised By :mohammad ahmed 09/22/2024



#72

Anthracene

Concen: 49.292 ng

RT: 17.269 min Scan# 2428

Delta R.T. 0.000 min

Lab File: BP021953.D

Acq: 19 Sep 2024 16:21

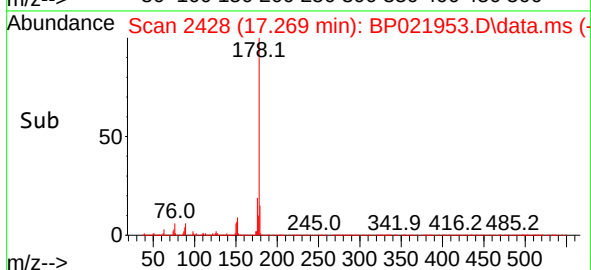
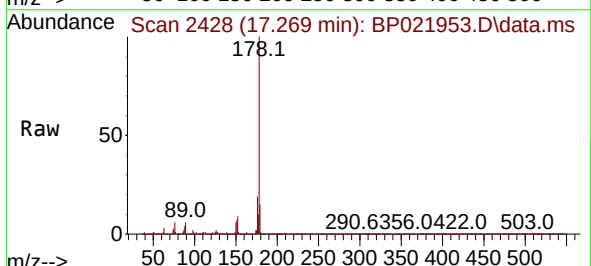
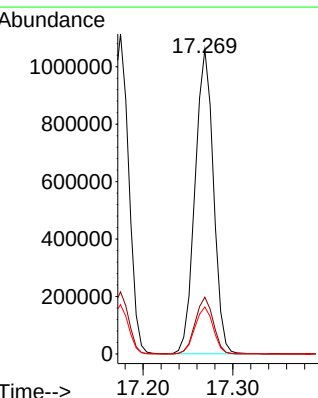
Tgt Ion:178 Resp: 1506985

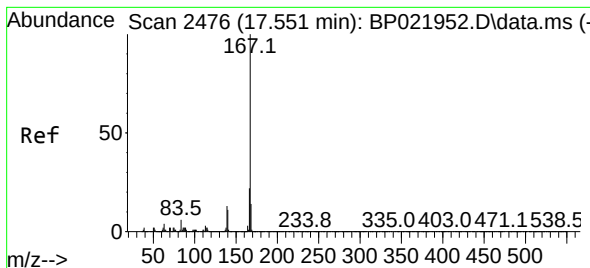
Ion Ratio Lower Upper

178 100

176 18.7 15.0 22.6

179 15.5 12.6 18.8





#73

Carbazole

Concen: 48.920 ng

RT: 17.551 min Scan# 2476

Delta R.T. 0.000 min

Lab File: BP021953.D

Acq: 19 Sep 2024 16:21

Instrument :

BNA\_P

ClientSampleId :

SSTDICC050

Tgt Ion:167 Resp: 1444504

Ion Ratio Lower Upper

167 100

166 22.0 17.4 26.0

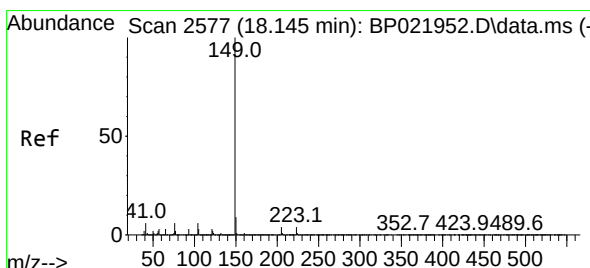
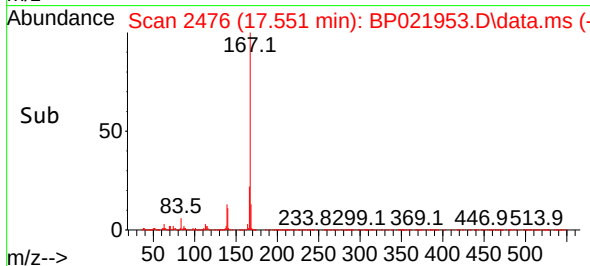
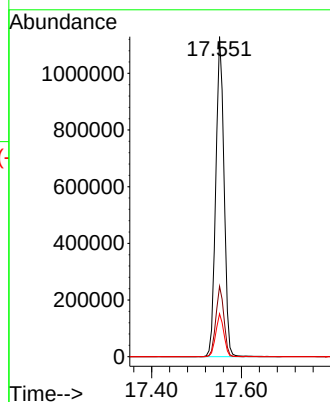
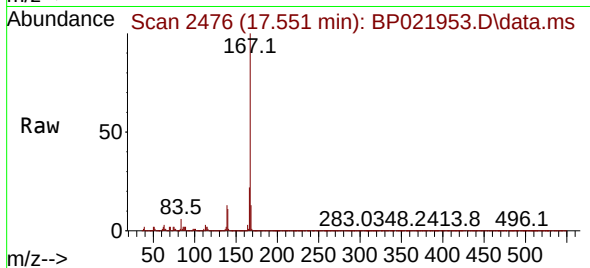
139 13.4 10.5 15.7

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 09/20/2024

Supervised By :mohammad ahmed 09/22/2024



#74

Di-n-butylphthalate

Concen: 49.518 ng

RT: 18.139 min Scan# 2576

Delta R.T. -0.006 min

Lab File: BP021953.D

Acq: 19 Sep 2024 16:21

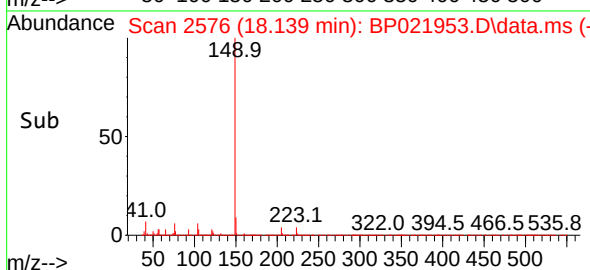
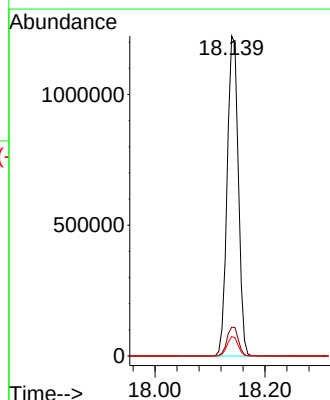
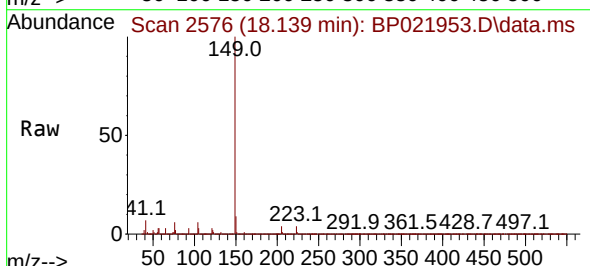
Tgt Ion:149 Resp: 1717295

Ion Ratio Lower Upper

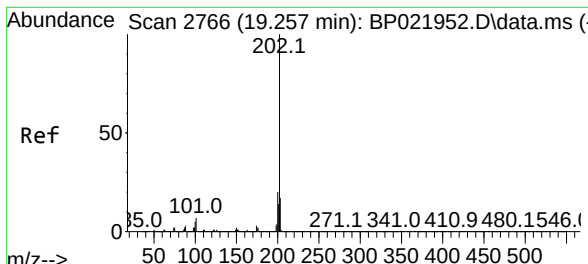
149 100

150 9.0 7.3 10.9

104 6.0 4.6 6.8







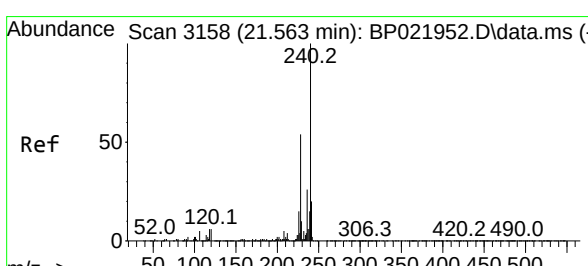
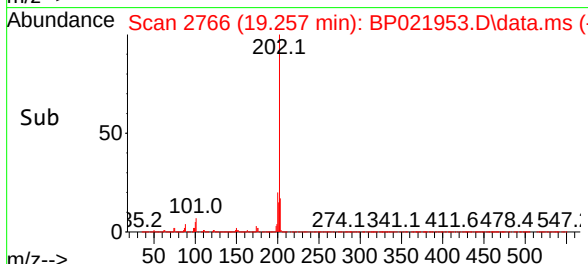
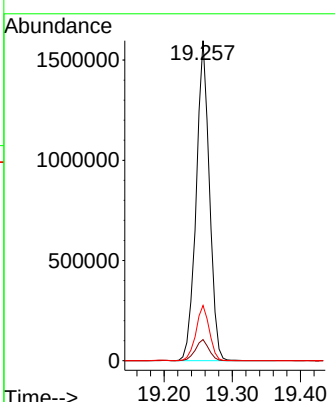
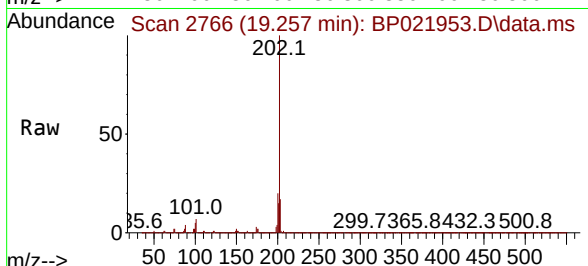
#75  
 Fluoranthene  
 Concen: 48.642 ng  
 RT: 19.257 min Scan# 21  
 Delta R.T. 0.000 min  
 Lab File: BP021953.D  
 Acq: 19 Sep 2024 16:21

Instrument :  
 BNA\_P  
 ClientSampleId :  
 SSTDICC050

Tgt Ion: 202 Resp: 2144249

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 202 | 100   |       |       |
| 101 | 6.6   | 0.0   | 26.5  |
| 203 | 17.2  | 0.0   | 37.3  |

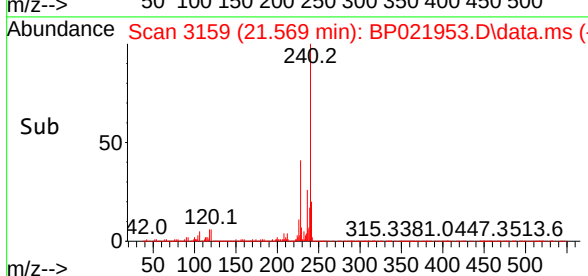
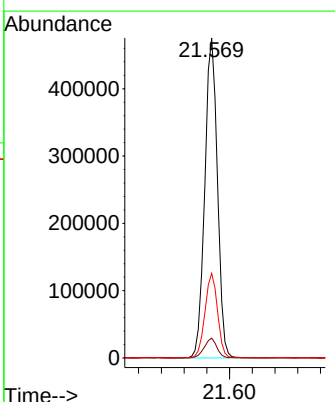
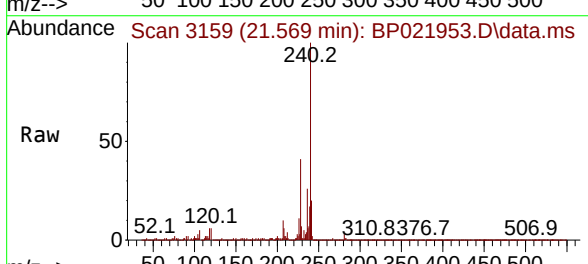
Manual Integrations  
**APPROVED**  
 Reviewed By :Jagrut Upadhyay 09/20/2024  
 Supervised By :mohammad ahmed 09/22/2024

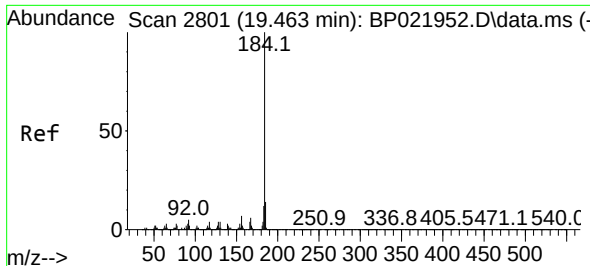


#76  
 Chrysene-d12  
 Concen: 20.000 ng  
 RT: 21.569 min Scan# 3159  
 Delta R.T. 0.006 min  
 Lab File: BP021953.D  
 Acq: 19 Sep 2024 16:21

Tgt Ion: 240 Resp: 730708

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 240 | 100   |       |       |
| 120 | 6.2   | 5.1   | 7.7   |
| 236 | 26.5  | 20.7  | 31.1  |





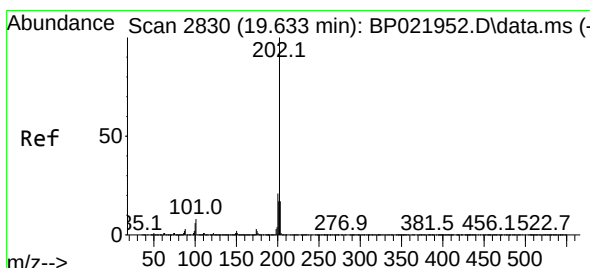
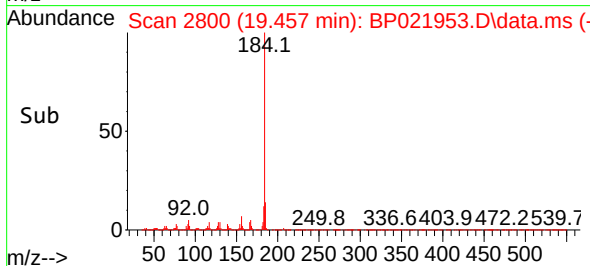
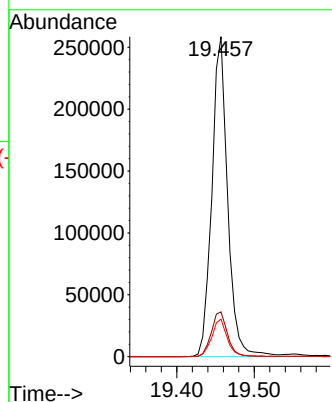
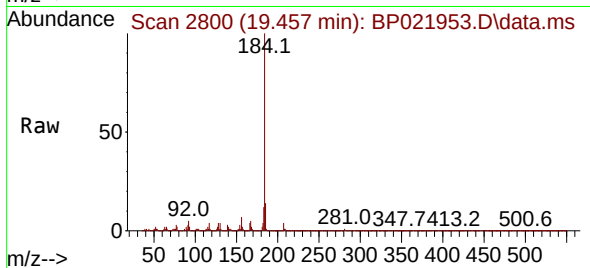
#77  
Benzidine  
Concen: 41.112 ng  
RT: 19.457 min Scan# 2800  
Delta R.T. -0.006 min  
Lab File: BP021953.D  
Acq: 19 Sep 2024 16:21

Instrument :  
BNA\_P  
ClientSampleId :  
SSTDICC050

Tgt Ion:184 Resp: 367111  
Ion Ratio Lower Upper  
184 100  
185 14.0 10.9 16.3  
183 11.7 9.2 13.8

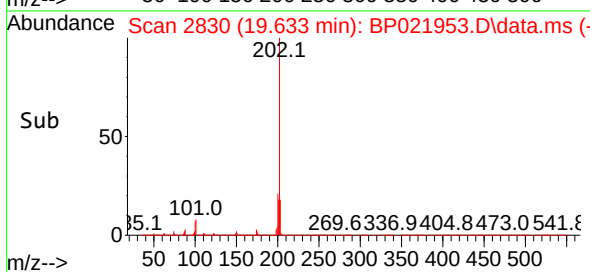
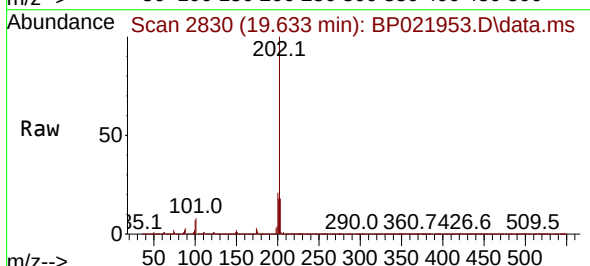
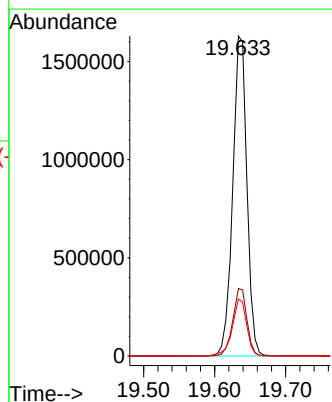
Manual Integrations  
APPROVED

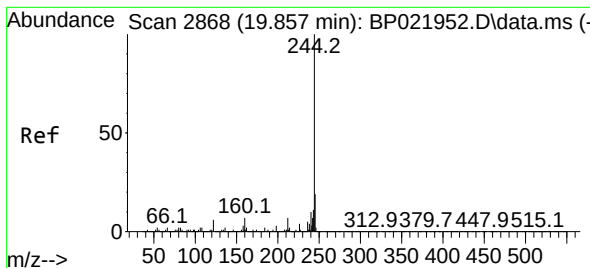
Reviewed By :Jagrut Upadhyay 09/20/2024  
Supervised By :mohammad ahmed 09/22/2024



#78  
Pyrene  
Concen: 51.117 ng  
RT: 19.633 min Scan# 2830  
Delta R.T. 0.000 min  
Lab File: BP021953.D  
Acq: 19 Sep 2024 16:21

Tgt Ion:202 Resp: 2259535  
Ion Ratio Lower Upper  
202 100  
200 21.1 16.8 25.2  
203 17.8 13.8 20.8





#79

Terphenyl-d14

Concen: 99.313 ng

RT: 19.857 min Scan# 2868

Delta R.T. 0.000 min

Lab File: BP021953.D

Acq: 19 Sep 2024 16:21

Instrument :

BNA\_P

ClientSampleId :

SSTDICC050

Tgt Ion:244 Resp: 386317

Ion Ratio Lower Upper

244 100

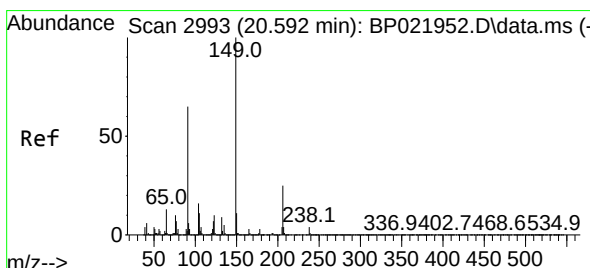
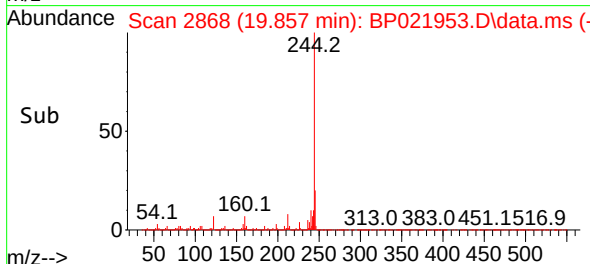
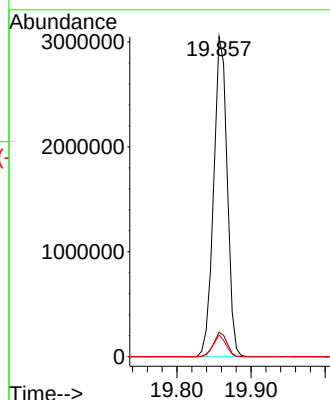
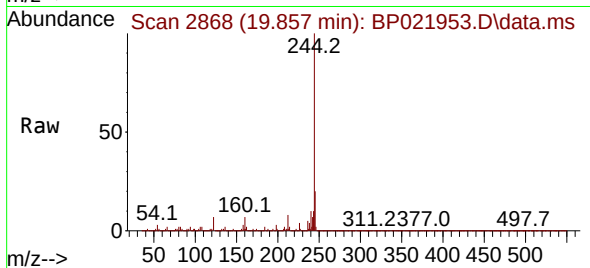
212 7.6 6.0 9.0

122 6.8 5.0 7.4

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 09/20/2024  
Supervised By :mohammad ahmed 09/22/2024



#80

Butylbenzylphthalate

Concen: 50.740 ng

RT: 20.592 min Scan# 2993

Delta R.T. 0.000 min

Lab File: BP021953.D

Acq: 19 Sep 2024 16:21

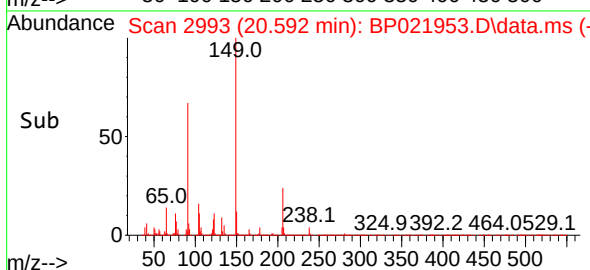
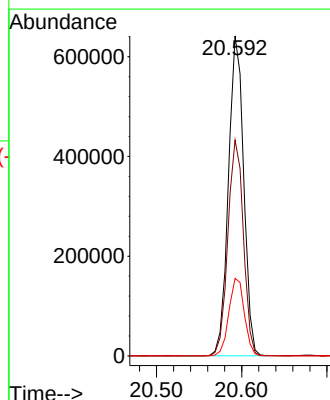
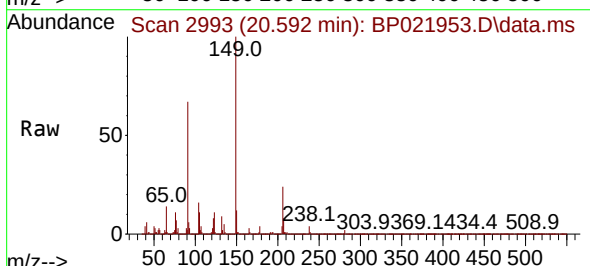
Tgt Ion:149 Resp: 799959

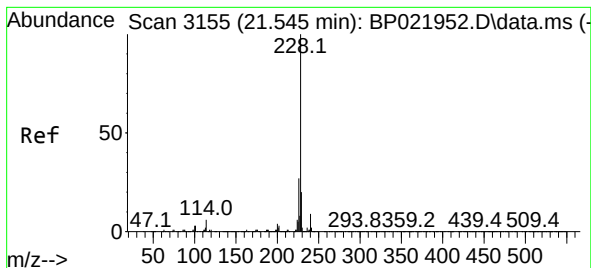
Ion Ratio Lower Upper

149 100

91 67.4 51.9 77.9

206 24.3 20.1 30.1





#81

Benzo(a)anthracene

Concen: 49.217 ng

RT: 21.545 min Scan# 3155

Delta R.T. 0.000 min

Lab File: BP021953.D

Acq: 19 Sep 2024 16:21

Instrument :

BNP\_P

ClientSampleId :

SSTDICC050

Tgt Ion:228 Resp: 231090

Ion Ratio Lower Upper

228 100

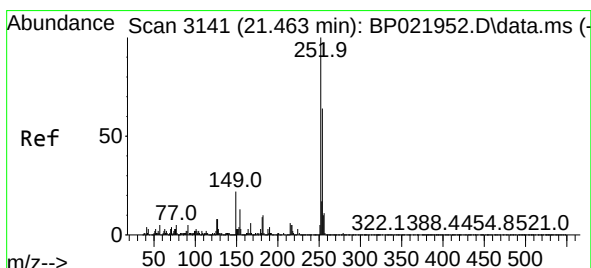
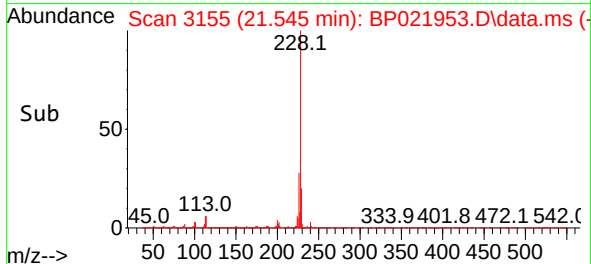
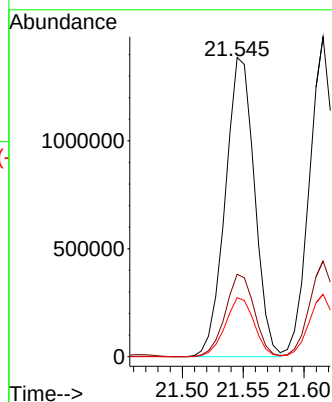
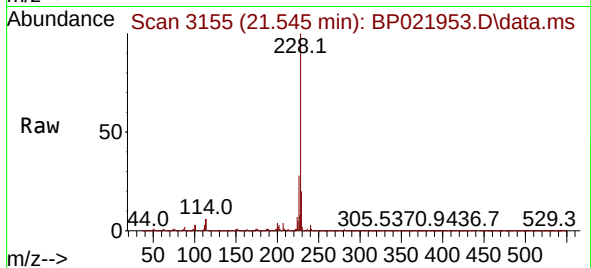
226 27.5 21.5 32.3

229 19.7 15.7 23.5

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 09/20/2024  
Supervised By :mohammad ahmed 09/22/2024



#82

3,3'-Dichlorobenzidine

Concen: 48.722 ng

RT: 21.463 min Scan# 3141

Delta R.T. 0.000 min

Lab File: BP021953.D

Acq: 19 Sep 2024 16:21

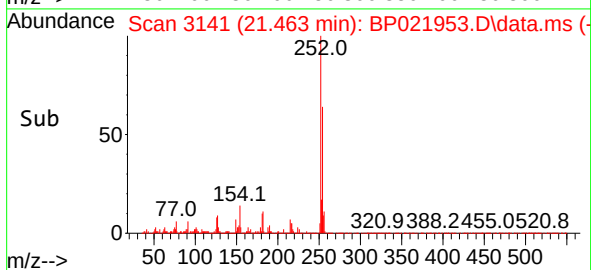
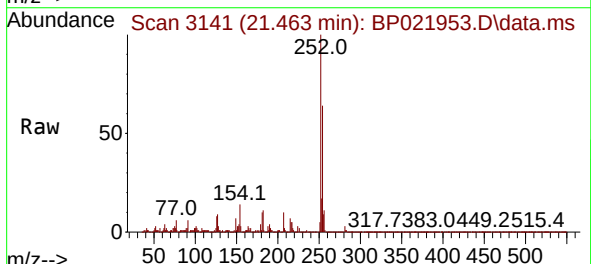
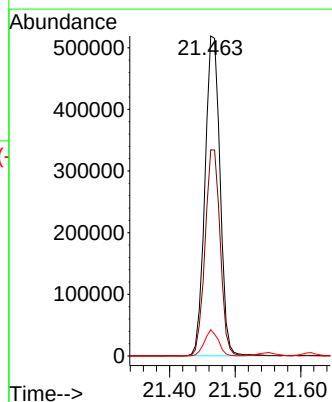
Tgt Ion:252 Resp: 830014

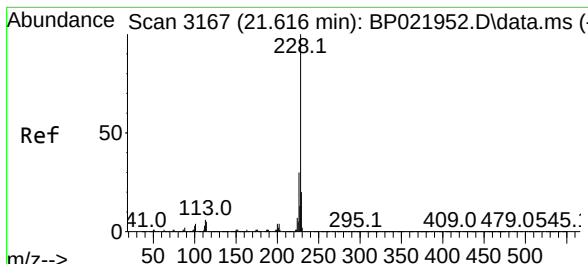
Ion Ratio Lower Upper

252 100

254 64.4 51.4 77.2

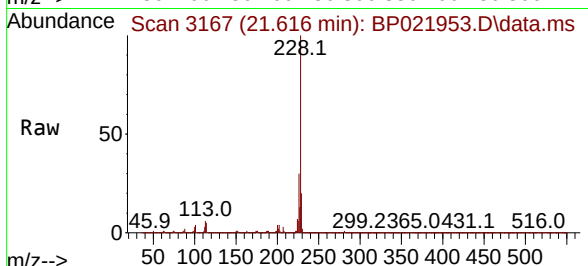
126 8.2 6.2 9.4





#83  
Chrysene  
Concen: 49.023 ng  
RT: 21.616 min Scan# 3167  
Delta R.T. 0.000 min  
Lab File: BP021953.D  
Acq: 19 Sep 2024 16:21

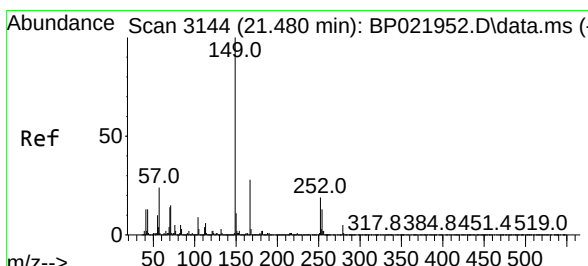
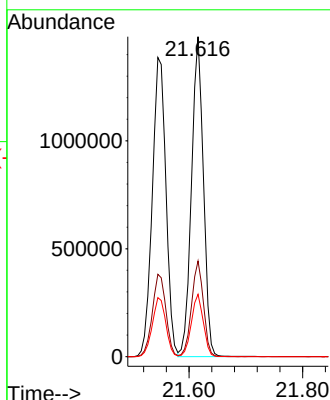
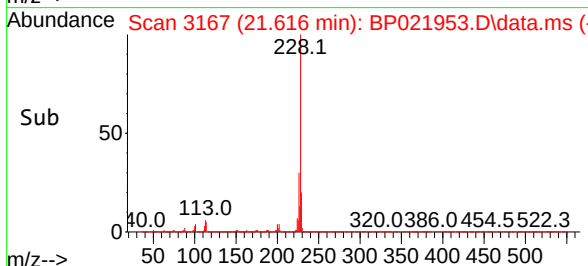
Instrument :  
BNA\_P  
ClientSampleId :  
SSTDICC050



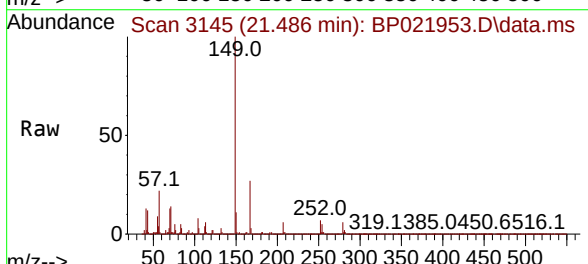
Tgt Ion:228 Resp: 2167210  
Ion Ratio Lower Upper  
228 100  
226 29.9 24.2 36.4  
229 19.5 15.7 23.5

Manual Integrations  
APPROVED

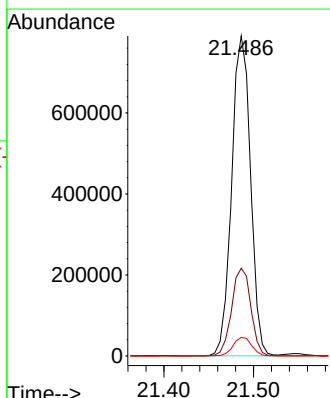
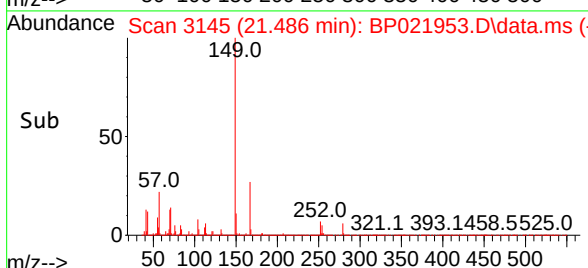
Reviewed By :Jagrut Upadhyay 09/20/2024  
Supervised By :mohammad ahmed 09/22/2024

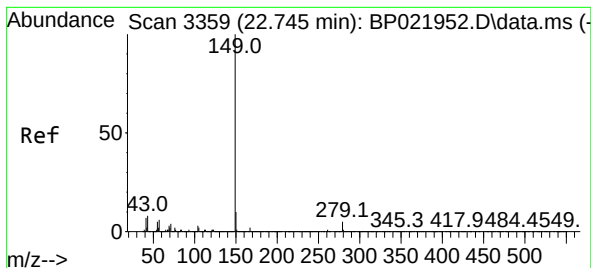


#84  
Bis(2-ethylhexyl)phthalate  
Concen: 49.750 ng  
RT: 21.486 min Scan# 3145  
Delta R.T. 0.006 min  
Lab File: BP021953.D  
Acq: 19 Sep 2024 16:21



Tgt Ion:149 Resp: 1151176  
Ion Ratio Lower Upper  
149 100  
167 27.4 22.3 33.5  
279 5.8 4.2 6.2





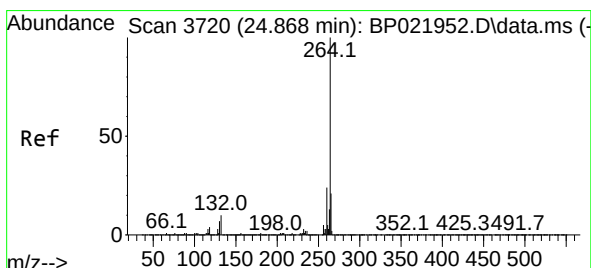
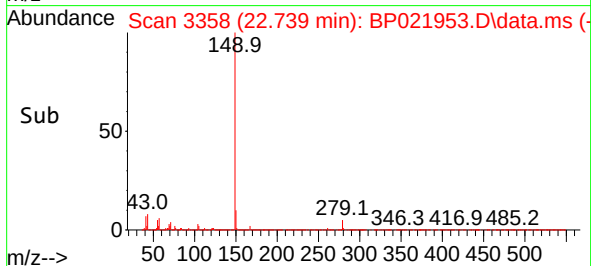
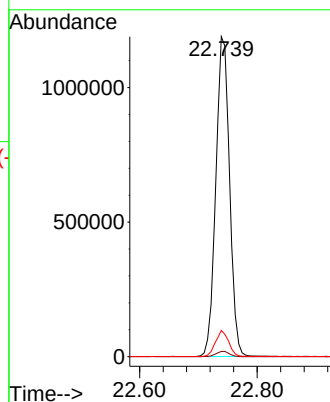
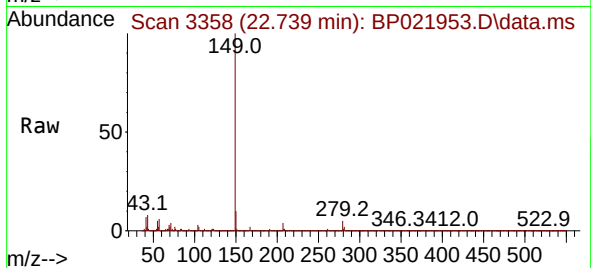
#85  
Di-n-octyl phthalate  
Concen: 49.039 ng  
RT: 22.739 min Scan# 31  
Delta R.T. -0.006 min  
Lab File: BP021953.D  
Acq: 19 Sep 2024 16:21

Instrument :  
BNA\_P  
ClientSampleId :  
SSTDICC050

Tgt Ion:149 Resp: 192725  
Ion Ratio Lower Upper  
149 100  
167 1.6 1.4 2.0  
43 7.8 6.2 9.4

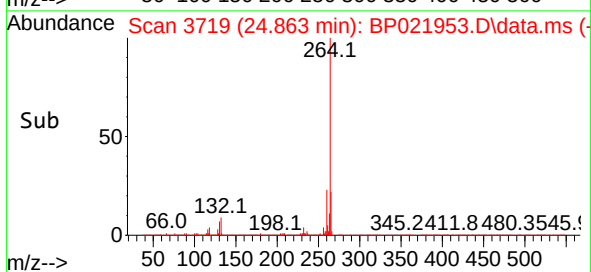
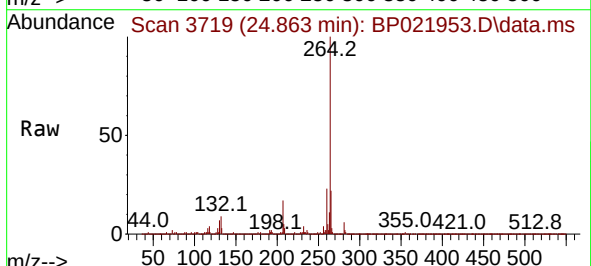
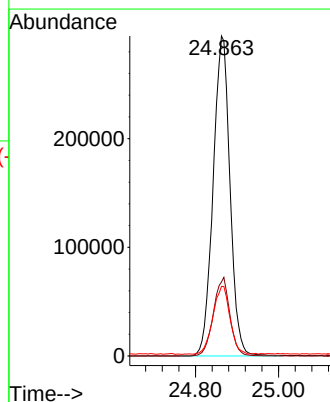
Manual Integrations  
APPROVED

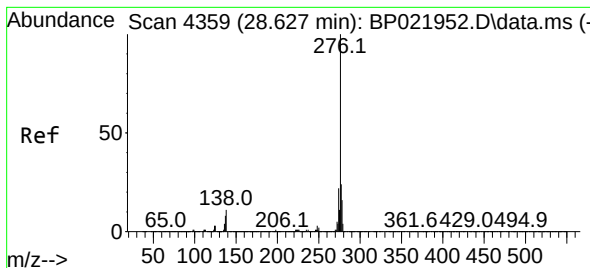
Reviewed By :Jagrut Upadhyay 09/20/2024  
Supervised By :mohammad ahmed 09/22/2024



#86  
Perylene-d12  
Concen: 20.000 ng  
RT: 24.863 min Scan# 3719  
Delta R.T. -0.006 min  
Lab File: BP021953.D  
Acq: 19 Sep 2024 16:21

Tgt Ion:264 Resp: 828238  
Ion Ratio Lower Upper  
264 100  
260 23.2 18.9 28.3  
265 21.7 17.5 26.3





#87

Indeno(1,2,3-cd)pyrene

Concen: 49.121 ng

RT: 28.609 min Scan# 41

Delta R.T. -0.018 min

Lab File: BP021953.D

Acq: 19 Sep 2024 16:21

Instrument :

BNA\_P

ClientSampleId :

SSTDICC050

Tgt Ion:276 Resp: 2705874

Ion Ratio Lower Upper

276 100

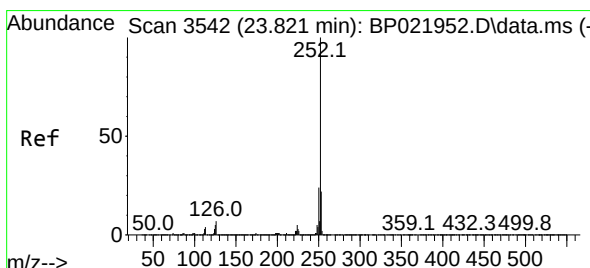
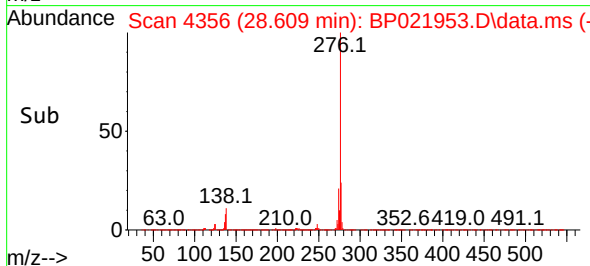
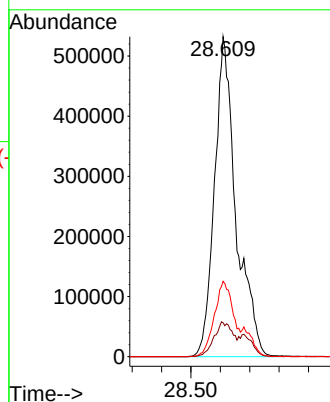
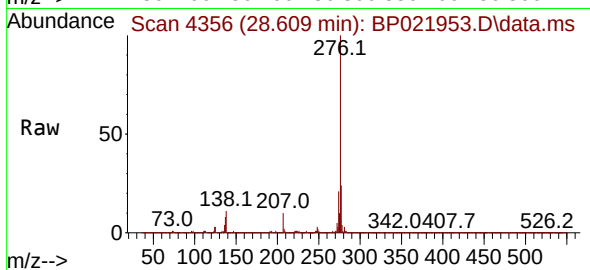
138 9.5 7.8 11.8

277 20.8 20.5 30.7

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 09/20/2024  
Supervised By :mohammad ahmed 09/22/2024



#88

Benzo(b)fluoranthene

Concen: 50.290 ng

RT: 23.816 min Scan# 3541

Delta R.T. -0.006 min

Lab File: BP021953.D

Acq: 19 Sep 2024 16:21

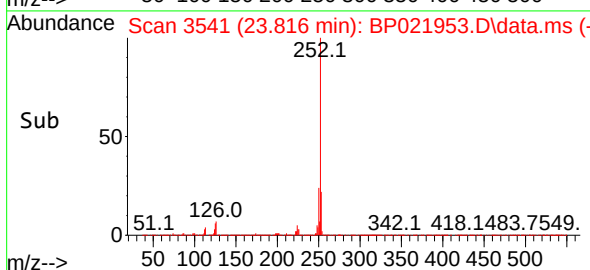
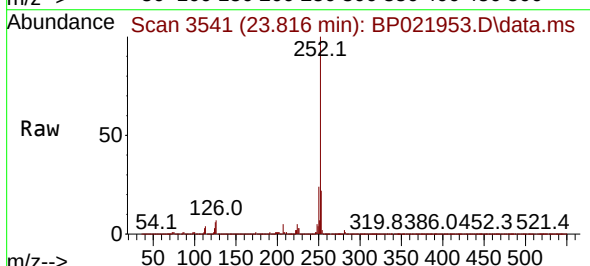
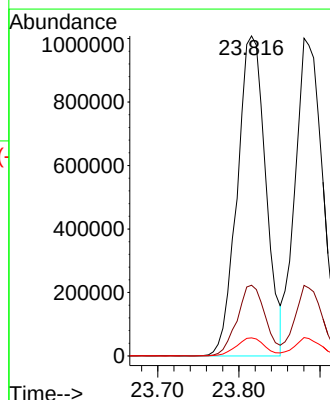
Tgt Ion:252 Resp: 2463331

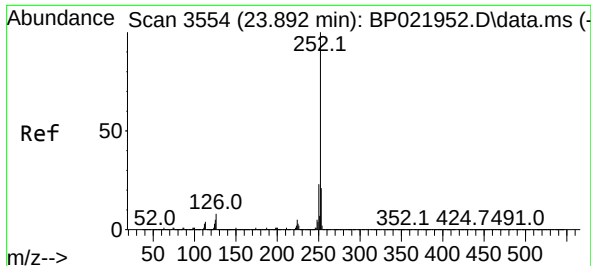
Ion Ratio Lower Upper

252 100

253 22.1 17.4 26.0

125 5.6 4.2 6.2





#89  
Benzo(k)fluoranthene  
Concen: 50.421 ng  
RT: 23.880 min Scan# 3554  
Delta R.T. -0.012 min  
Lab File: BP021953.D  
Acq: 19 Sep 2024 16:21

Instrument :

BNA\_P

ClientSampleId :

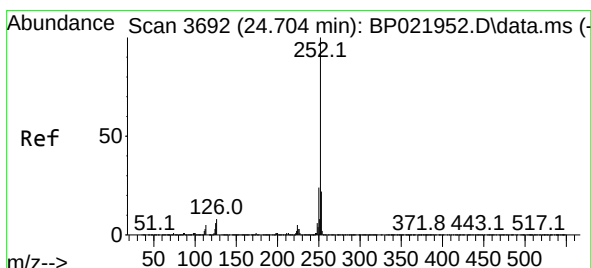
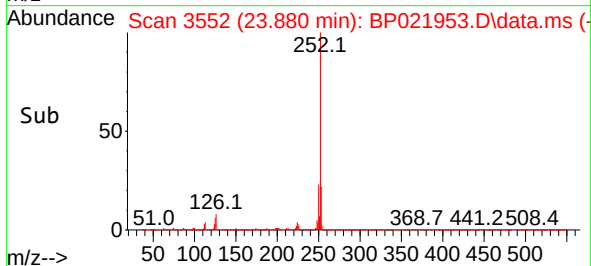
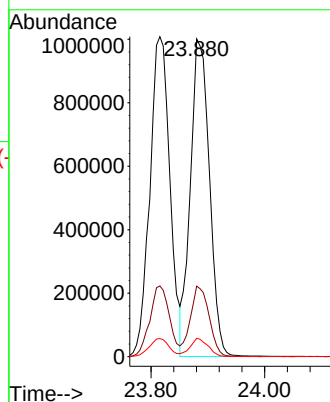
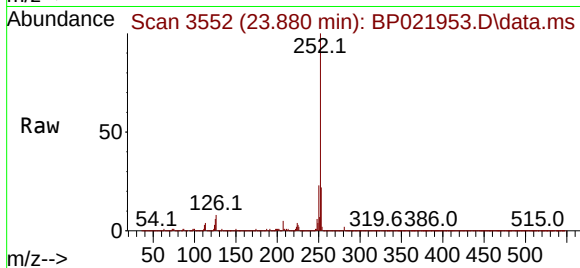
SSTDICC050

Tgt Ion:252 Resp: 233725  
Ion Ratio Lower Upper  
252 100  
253 22.2 17.0 25.6  
125 5.8 4.3 6.5

Manual Integrations

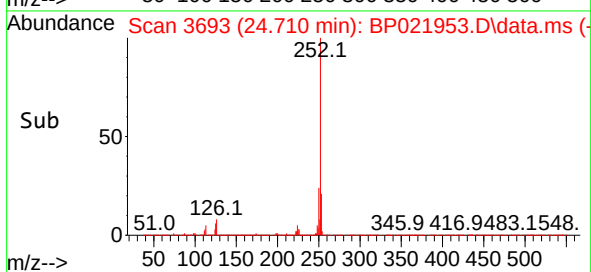
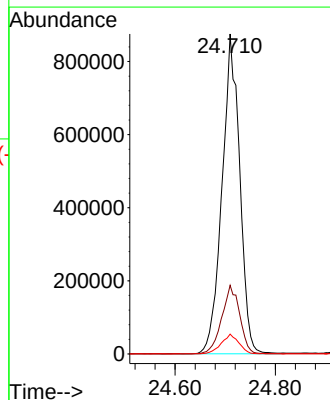
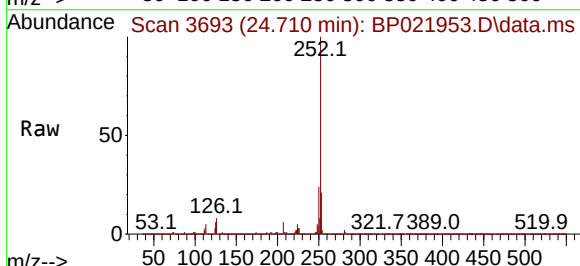
APPROVED

Reviewed By :Jagrut Upadhyay 09/20/2024  
Supervised By :mohammad ahmed 09/22/2024

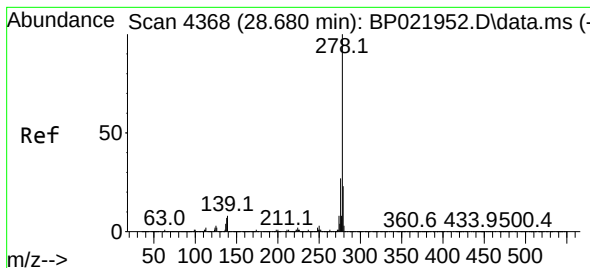


#90  
Benzo(a)pyrene  
Concen: 50.761 ng  
RT: 24.710 min Scan# 3693  
Delta R.T. 0.006 min  
Lab File: BP021953.D  
Acq: 19 Sep 2024 16:21

Tgt Ion:252 Resp: 2141939  
Ion Ratio Lower Upper  
252 100  
253 21.5 17.6 26.4  
125 6.2 5.0 7.6







#91

Dibenzo(a,h)anthracene

Concen: 48.198 ng

RT: 28.680 min Scan# 41

Delta R.T. 0.000 min

Lab File: BP021953.D

Acq: 19 Sep 2024 16:21

Instrument :

BNA\_P

ClientSampleId :

SSTDICC050

Tgt Ion:278 Resp: 2191264

Ion Ratio Lower Upper

278 100

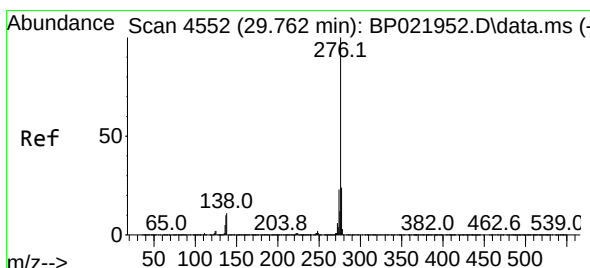
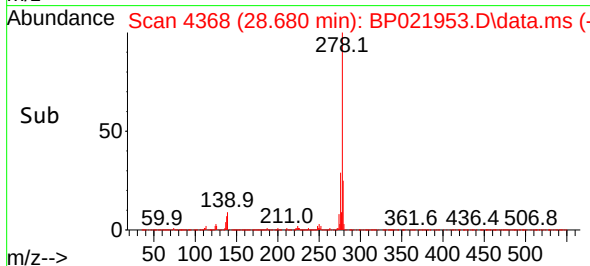
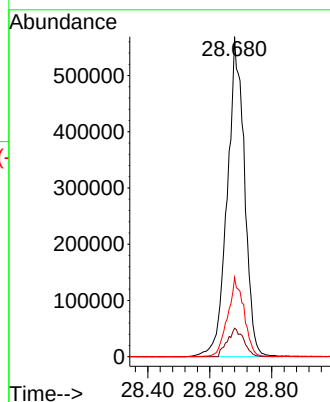
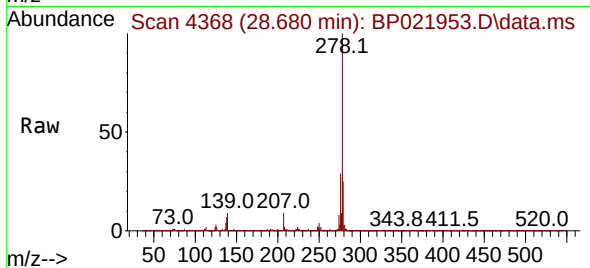
139 8.9 6.6 10.0

279 24.8 18.8 28.2

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 09/20/2024  
Supervised By :mohammad ahmed 09/22/2024



#92

Benzo(g,h,i)perylene

Concen: 49.564 ng

RT: 29.774 min Scan# 4554

Delta R.T. 0.012 min

Lab File: BP021953.D

Acq: 19 Sep 2024 16:21

Tgt Ion:276 Resp: 2308208

Ion Ratio Lower Upper

276 100

277 24.2 19.3 28.9

138 11.0 9.2 13.8

