

Data Path : Z:\svoasrv\HPCHEM1\BNA\_P\Data\BP022324\  
 Data File : BP019840.D  
 Acq On : 23 Feb 2024 13:11  
 Operator : MA/JU  
 Sample : PB159196BS  
 Misc :  
 ALS Vial : 4 Sample Multiplier: 1

Instrument :  
 BNA\_P  
 ClientSampleId :  
 PB159196BS

Manual Integrations  
 APPROVED

Reviewed By :Yogesh Patel 02/27/2024  
 Supervised By :mohammad ahmed 02/27/2024

Quant Time: Feb 23 13:39:00 2024  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_P\Methods\8270E-BP013124.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Fri Feb 23 13:10:49 2024  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc    | Units | Dev(Min) |
|-------------------------------|--------|------|----------|---------|-------|----------|
| -----                         |        |      |          |         |       |          |
| Internal Standards            |        |      |          |         |       |          |
| 1) 1,4-Dichlorobenzene-d4     | 7.904  | 152  | 78024    | 20.000  | ng    | 0.00     |
| 21) Naphthalene-d8            | 10.704 | 136  | 287310   | 20.000  | ng    | 0.00     |
| 39) Acenaphthene-d10          | 14.545 | 164  | 187847   | 20.000  | ng    | 0.00     |
| 64) Phenanthrene-d10          | 17.310 | 188  | 434806   | 20.000  | ng    | 0.00     |
| 76) Chrysene-d12              | 21.421 | 240  | 406090   | 20.000  | ng    | # 0.00   |
| 86) Perylene-d12              | 23.856 | 264  | 452339   | 20.000  | ng    | -0.01    |
| System Monitoring Compounds   |        |      |          |         |       |          |
| 5) 2-Fluorophenol             | 5.481  | 112  | 614187   | 126.887 | ng    | 0.00     |
| 7) Phenol-d6                  | 7.081  | 99   | 788752   | 120.851 | ng    | 0.00     |
| 23) Nitrobenzene-d5           | 9.075  | 82   | 543057   | 81.903  | ng    | 0.00     |
| 42) 2,4,6-Tribromophenol      | 16.045 | 330  | 448186   | 163.411 | ng    | 0.00     |
| 45) 2-Fluorobiphenyl          | 13.175 | 172  | 1260757  | 82.971  | ng    | 0.00     |
| 79) Terphenyl-d14             | 19.886 | 244  | 2316225  | 93.800  | ng    | 0.00     |
| Target Compounds              |        |      |          |         |       |          |
|                               |        |      |          |         |       | Qvalue   |
| 2) 1,4-Dioxane                | 3.381  | 88   | 60431    | 32.404  | ng    | 98       |
| 3) Pyridine                   | 3.781  | 79   | 158605   | 31.369  | ng    | 96       |
| 4) n-Nitrosodimethylamine     | 3.705  | 42   | 89997    | 40.884  | ng    | 95       |
| 6) Aniline                    | 7.240  | 93   | 166173   | 26.203  | ng    | 99       |
| 8) 2-Chlorophenol             | 7.469  | 128  | 223039   | 44.881  | ng    | 99       |
| 9) Benzaldehyde               | 7.051  | 77   | 78043m   | 17.055  | ng    |          |
| 10) Phenol                    | 7.110  | 94   | 284231   | 43.694  | ng    | 98       |
| 11) bis(2-Chloroethyl)ether   | 7.340  | 93   | 213931   | 42.272  | ng    | 98       |
| 12) 1,3-Dichlorobenzene       | 7.787  | 146  | 252708   | 41.558  | ng    | 99       |
| 13) 1,4-Dichlorobenzene       | 7.940  | 146  | 259644   | 42.145  | ng    | 98       |
| 14) 1,2-Dichlorobenzene       | 8.251  | 146  | 248698   | 41.722  | ng    | 99       |
| 15) Benzyl Alcohol            | 8.157  | 79   | 226921   | 43.514  | ng    | 99       |
| 16) 2,2'-oxybis(1-Chloropr... | 8.428  | 45   | 210341   | 41.563  | ng    | 99       |
| 17) 2-Methylphenol            | 8.357  | 107  | 189340   | 43.234  | ng    | 99       |
| 18) Hexachloroethane          | 8.969  | 117  | 98606    | 41.293  | ng    | 98       |
| 19) n-Nitroso-di-n-propyla... | 8.722  | 70   | 180148   | 40.410  | ng    | 99       |
| 20) 3+4-Methylphenols         | 8.687  | 107  | 255501   | 42.748  | ng    | 98       |
| 22) Acetophenone              | 8.740  | 105  | 353769   | 43.222  | ng    | # 98     |
| 24) Nitrobenzene              | 9.122  | 77   | 271828   | 40.718  | ng    | 100      |
| 25) Isophorone                | 9.645  | 82   | 480952   | 41.650  | ng    | 100      |
| 26) 2-Nitrophenol             | 9.828  | 139  | 121493   | 47.729  | ng    | 96       |
| 27) 2,4-Dimethylphenol        | 9.892  | 122  | 166984   | 51.302  | ng    | 97       |
| 28) bis(2-Chloroethoxy)met... | 10.134 | 93   | 276597   | 42.336  | ng    | 99       |
| 29) 2,4-Dichlorophenol        | 10.363 | 162  | 228561   | 46.453  | ng    | 97       |
| 30) 1,2,4-Trichlorobenzene    | 10.569 | 180  | 265365   | 43.986  | ng    | 99       |
| 31) Naphthalene               | 10.757 | 128  | 669127   | 42.464  | ng    | 99       |
| 32) Benzoic acid              | 10.057 | 122  | 152619   | 48.125  | ng    | 98       |
| 33) 4-Chloroaniline           | 10.881 | 127  | 76265    | 13.087  | ng    | 99       |
| 34) Hexachlorobutadiene       | 11.022 | 225  | 196855   | 44.033  | ng    | 98       |
| 35) Caprolactam               | 11.692 | 113  | 67191    | 48.238  | ng    | 94       |
| 36) 4-Chloro-3-methylphenol   | 12.010 | 107  | 246348   | 45.918  | ng    | 99       |
| 37) 2-Methylnaphthalene       | 12.369 | 142  | 469726   | 43.074  | ng    | 99       |
| 38) 1-Methylnaphthalene       | 12.586 | 142  | 446478   | 41.663  | ng    | 99       |
| 40) 1,2,4,5-Tetrachloroben... | 12.733 | 216  | 331216   | 45.719  | ng    | 99       |
| 41) Hexachlorocyclopentadiene | 12.698 | 237  | 395780   | 120.933 | ng    | 97       |
| 43) 2,4,6-Trichlorophenol     | 12.980 | 196  | 211781   | 48.277  | ng    | 100      |

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Manual Integrations  
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Reviewed By :Yogesh Patel 02/27/2024  
 Supervised By :mohammad ahmed 02/27/2024

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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Fri Feb 23 13:10:49 2024  
 Response via : Initial Calibration

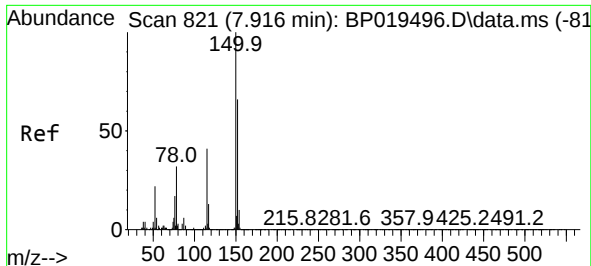
| Compound                      | R.T.   | QIon | Response | Conc    | Units | Dev(Min) |
|-------------------------------|--------|------|----------|---------|-------|----------|
| 44) 2,4,5-Trichlorophenol     | 13.057 | 196  | 229936   | 47.734  | ng    | 98       |
| 46) 1,1'-Biphenyl             | 13.380 | 154  | 639359   | 42.645  | ng    | 99       |
| 47) 2-Chloronaphthalene       | 13.422 | 162  | 516867   | 41.997  | ng    | 99       |
| 48) 2-Nitroaniline            | 13.639 | 65   | 158309   | 46.002  | ng    | 96       |
| 49) Acenaphthylene            | 14.269 | 152  | 816452   | 47.285  | ng    | 100      |
| 50) Dimethylphthalate         | 14.022 | 163  | 663184   | 46.118  | ng    | 100      |
| 51) 2,6-Dinitrotoluene        | 14.145 | 165  | 146346   | 46.320  | ng    | 91       |
| 52) Acenaphthene              | 14.610 | 154  | 459025   | 42.833  | ng    | 99       |
| 53) 3-Nitroaniline            | 14.469 | 138  | 92633    | 31.904  | ng    | 99       |
| 54) 2,4-Dinitrophenol         | 14.686 | 184  | 194850   | 118.781 | ng    | 98       |
| 55) Dibenzofuran              | 14.951 | 168  | 789943   | 45.258  | ng    | 97       |
| 56) 4-Nitrophenol             | 14.792 | 139  | 226984   | 95.378  | ng    | 96       |
| 57) 2,4-Dinitrotoluene        | 14.933 | 165  | 209625   | 50.631  | ng    | 95       |
| 58) Fluorene                  | 15.604 | 166  | 650562   | 46.797  | ng    | 99       |
| 59) 2,3,4,6-Tetrachlorophenol | 15.175 | 232  | 215651   | 53.224  | ng    | # 95     |
| 60) Diethylphthalate          | 15.386 | 149  | 658860   | 46.063  | ng    | 98       |
| 61) 4-Chlorophenyl-phenyle... | 15.598 | 204  | 367860   | 47.080  | ng    | 95       |
| 62) 4-Nitroaniline            | 15.639 | 138  | 141979   | 46.651  | ng    | 98       |
| 63) Azobenzene                | 15.892 | 77   | 606734   | 43.866  | ng    | 98       |
| 65) 4,6-Dinitro-2-methylph... | 15.698 | 198  | 135173   | 54.521  | ng    | 94       |
| 66) n-Nitrosodiphenylamine    | 15.816 | 169  | 570380   | 43.801  | ng    | 98       |
| 67) 4-Bromophenyl-phenylether | 16.498 | 248  | 243034   | 44.711  | ng    | 94       |
| 68) Hexachlorobenzene         | 16.598 | 284  | 286706   | 45.168  | ng    | 96       |
| 69) Atrazine                  | 16.786 | 200  | 215203   | 49.802  | ng    | 95       |
| 70) Pentachlorophenol         | 16.957 | 266  | 380437   | 96.242  | ng    | 100      |
| 71) Phenanthrene              | 17.351 | 178  | 1025136  | 44.800  | ng    | 99       |
| 72) Anthracene                | 17.445 | 178  | 1035291  | 45.355  | ng    | 100      |
| 73) Carbazole                 | 17.721 | 167  | 927257   | 44.716  | ng    | 100      |
| 74) Di-n-butylphthalate       | 18.280 | 149  | 1135485  | 45.287  | ng    | 99       |
| 75) Fluoranthene              | 19.327 | 202  | 1277737  | 45.710  | ng    | 100      |
| 77) Benzidine                 | 19.515 | 184  | 411146   | 48.427  | ng    | 100      |
| 78) Pyrene                    | 19.680 | 202  | 1301194  | 45.401  | ng    | 99       |
| 80) Butylbenzylphthalate      | 20.568 | 149  | 501136   | 46.822  | ng    | 98       |
| 81) Benzo(a)anthracene        | 21.404 | 228  | 1305035  | 45.653  | ng    | 100      |
| 82) 3,3'-Dichlorobenzidine    | 21.339 | 252  | 425043   | 40.804  | ng    | 100      |
| 83) Chrysene                  | 21.457 | 228  | 1203461  | 44.343  | ng    | 99       |
| 84) Bis(2-ethylhexyl)phtha... | 21.339 | 149  | 703002   | 43.134  | ng    | 99       |
| 85) Di-n-octyl phthalate      | 22.286 | 149  | 1188689  | 41.454  | ng    | 99       |
| 87) Indeno(1,2,3-cd)pyrene    | 26.415 | 276  | 1656132  | 47.831  | ng    | 97       |
| 88) Benzo(b)fluoranthene      | 23.109 | 252  | 1320631  | 46.324  | ng    | 99       |
| 89) Benzo(k)fluoranthene      | 23.162 | 252  | 1221680  | 44.861  | ng    | 99       |
| 90) Benzo(a)pyrene            | 23.751 | 252  | 1192937  | 47.028  | ng    | 99       |
| 91) Dibenzo(a,h)anthracene    | 26.439 | 278  | 1365517  | 47.951  | ng    | 97       |
| 92) Benzo(g,h,i)perylene      | 27.197 | 276  | 1315384  | 45.530  | ng    | 98       |

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

## Manual Integrations

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QLast Update : Fri Feb 23 13:10:49 2024  
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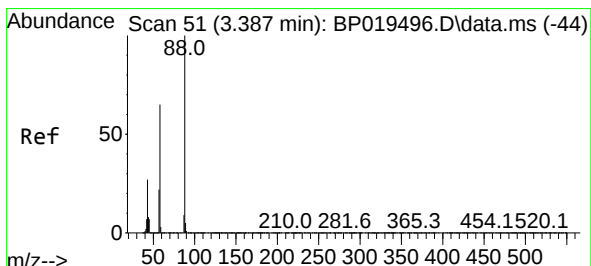
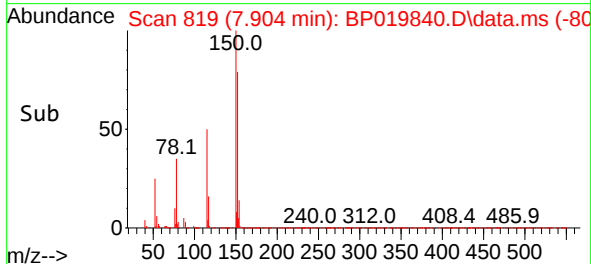
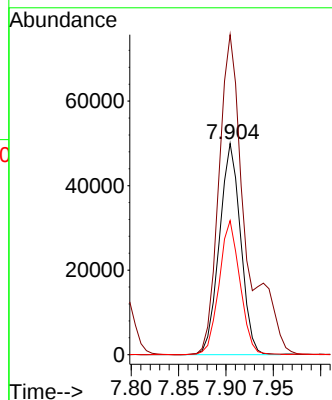
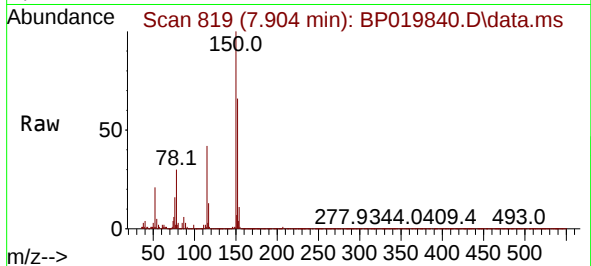
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1,4-Dichlorobenzene-d4  
Concen: 20.000 ng  
RT: 7.904 min Scan# 81  
Delta R.T. 0.005 min  
Lab File: BP019840.D  
Acq: 23 Feb 2024 13:11

Instrument :  
BNA\_P  
ClientSampleId :  
PB159196BS

Tgt Ion:152 Resp: 78024  
Ion Ratio Lower Upper  
152 100  
150 151.5 121.8 182.8  
115 63.5 49.9 74.9

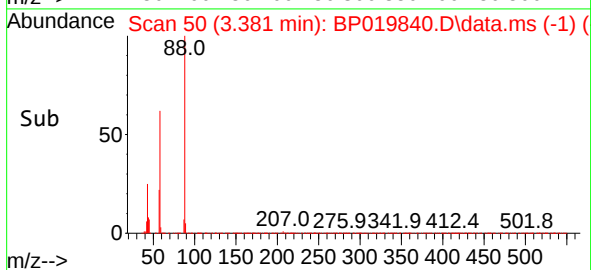
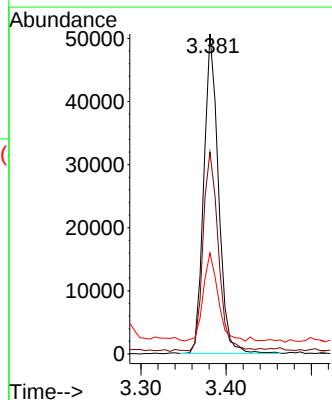
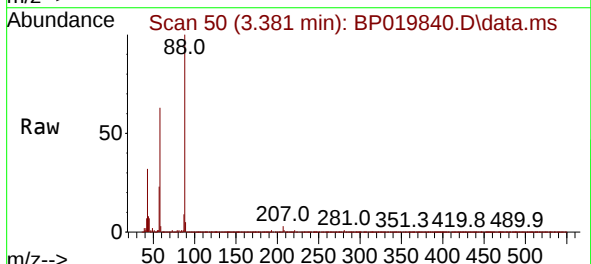
Manual Integrations  
APPROVED

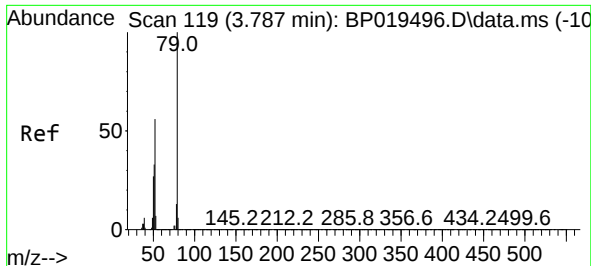
Reviewed By :Yogesh Patel 02/27/2024  
Supervised By :mohammad ahmed 02/27/2024



#2  
1,4-Dioxane  
Concen: 32.404 ng  
RT: 3.381 min Scan# 50  
Delta R.T. -0.000 min  
Lab File: BP019840.D  
Acq: 23 Feb 2024 13:11

Tgt Ion: 88 Resp: 60431  
Ion Ratio Lower Upper  
88 100  
58 64.0 52.6 78.8  
43 27.6 21.9 32.9





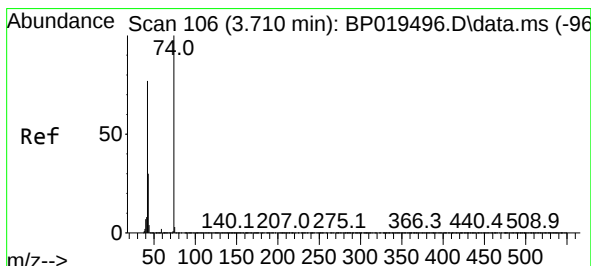
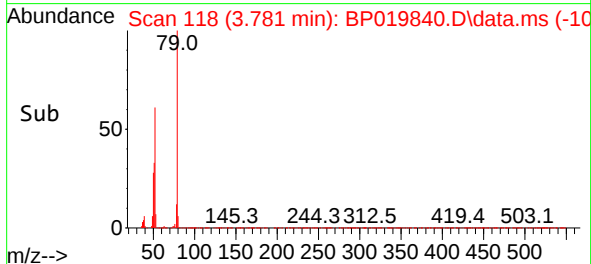
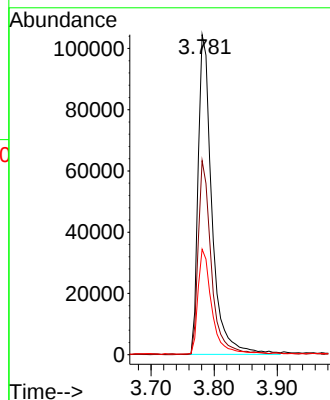
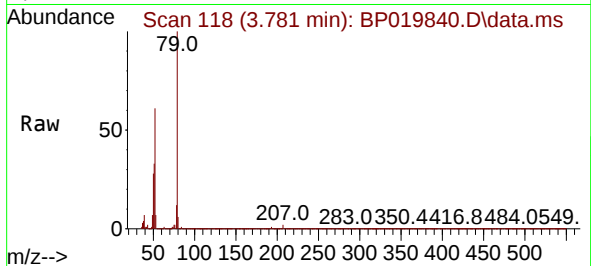
#3  
Pyridine  
Concen: 31.369 ng  
RT: 3.781 min Scan# 119  
Delta R.T. -0.000 min  
Lab File: BP019840.D  
Acq: 23 Feb 2024 13:11

Instrument :  
BNA\_P  
ClientSampleId :  
PB159196BS

Tgt Ion: 79 Resp: 15860  
Ion Ratio Lower Upper  
79 100  
52 60.6 45.0 67.6  
51 33.0 26.8 40.2

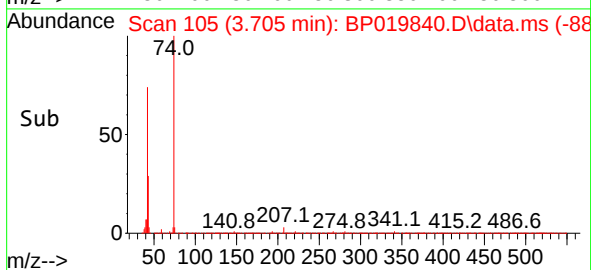
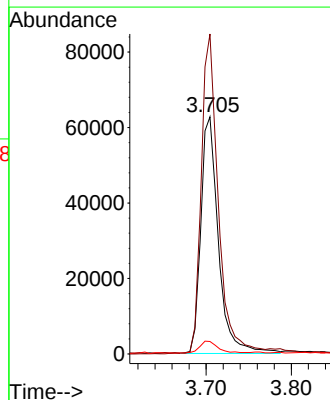
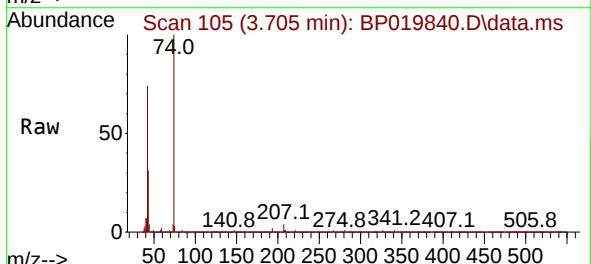
Manual Integrations  
APPROVED

Reviewed By :Yogesh Patel 02/27/2024  
Supervised By :mohammad ahmed 02/27/2024



#4  
n-Nitrosodimethylamine  
Concen: 40.884 ng  
RT: 3.705 min Scan# 105  
Delta R.T. -0.000 min  
Lab File: BP019840.D  
Acq: 23 Feb 2024 13:11

Tgt Ion: 42 Resp: 89997  
Ion Ratio Lower Upper  
42 100  
74 134.9 103.4 155.2  
44 5.3 4.8 7.2





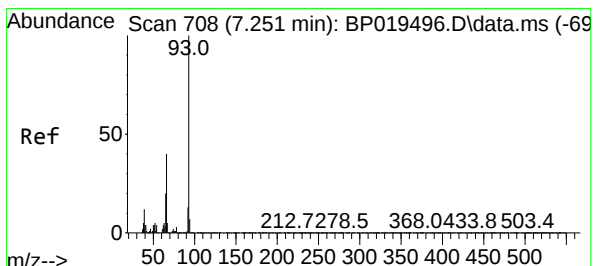
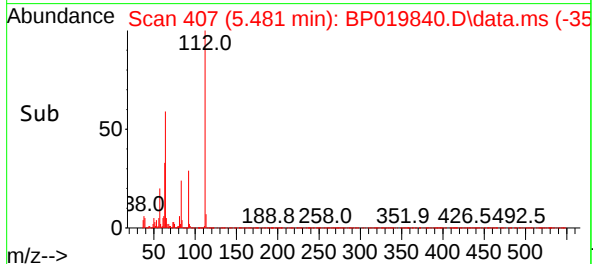
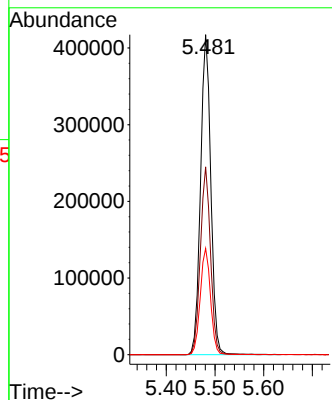
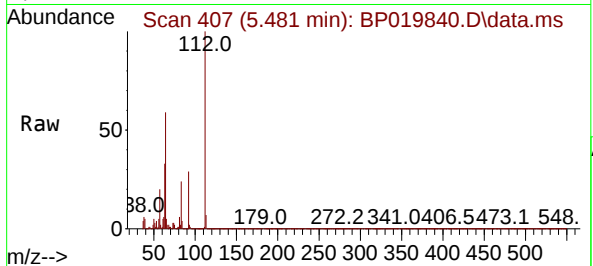
#5  
2-Fluorophenol  
Concen: 126.887 ng  
RT: 5.481 min Scan# 408  
Delta R.T. 0.006 min  
Lab File: BP019840.D  
Acq: 23 Feb 2024 13:11

Instrument :  
BNA\_P  
ClientSampleId :  
PB159196BS

Tgt Ion:112 Resp: 61418  
Ion Ratio Lower Upper  
112 100  
64 58.7 47.4 71.0  
63 33.2 27.0 40.6

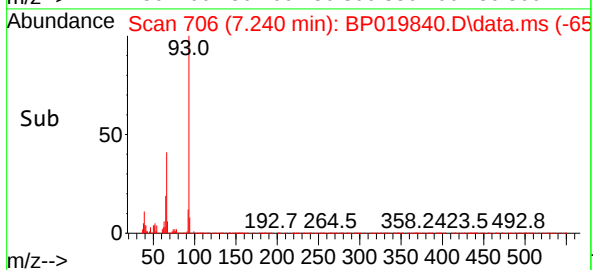
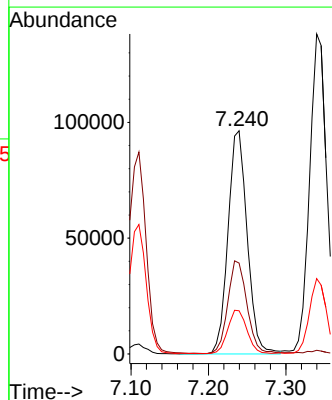
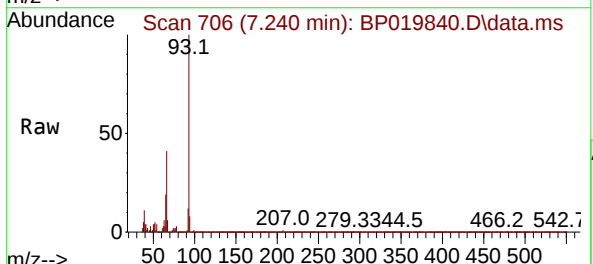
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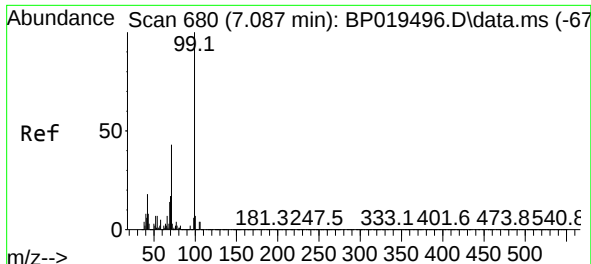
Reviewed By :Yogesh Patel 02/27/2024  
Supervised By :mohammad ahmed 02/27/2024



#6  
Aniline  
Concen: 26.203 ng  
RT: 7.240 min Scan# 706  
Delta R.T. 0.005 min  
Lab File: BP019840.D  
Acq: 23 Feb 2024 13:11

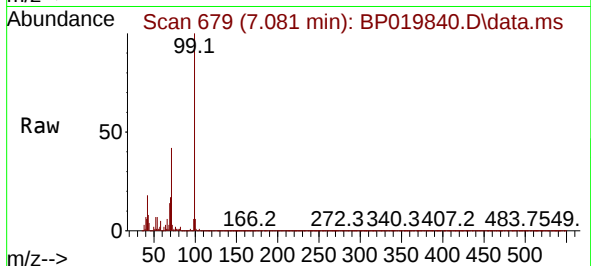
Tgt Ion: 93 Resp: 166173  
Ion Ratio Lower Upper  
93 100  
66 40.7 32.3 48.5  
65 19.3 16.4 24.6





#7  
Phenol-d6  
Concen: 120.851 ng  
RT: 7.081 min Scan# 61  
Delta R.T. 0.005 min  
Lab File: BP019840.D  
Acq: 23 Feb 2024 13:11

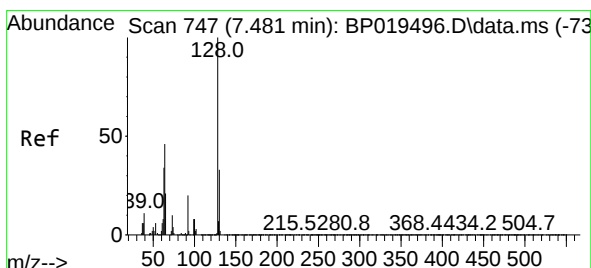
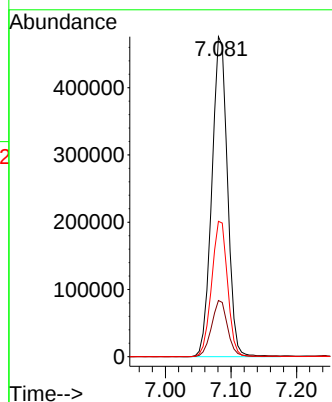
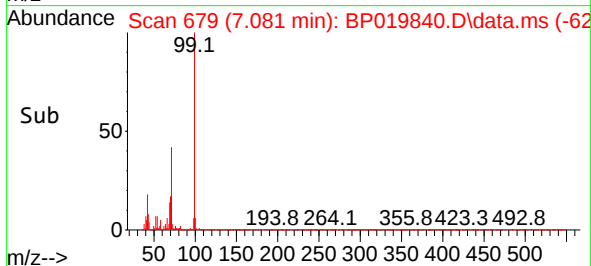
Instrument :  
BNA\_P  
ClientSampleId :  
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Tgt Ion: 99 Resp: 788752  
Ion Ratio Lower Upper  
99 100  
42 17.5 14.7 22.1  
71 42.3 34.8 52.2

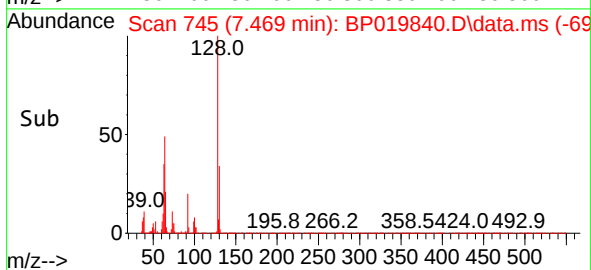
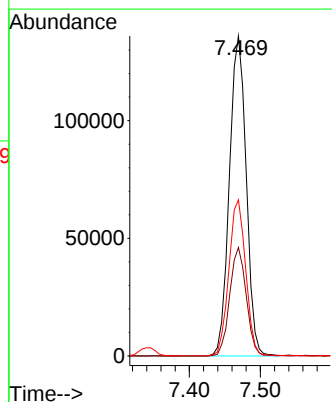
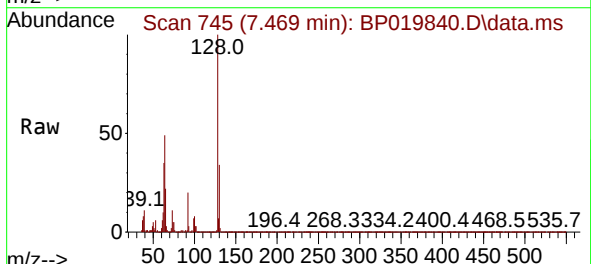
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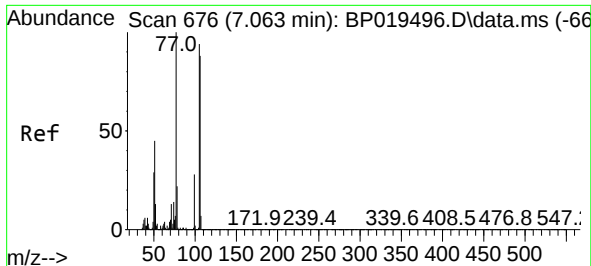
Reviewed By :Yogesh Patel 02/27/2024  
Supervised By :mohammad ahmed 02/27/2024



#8  
2-Chlorophenol  
Concen: 44.881 ng  
RT: 7.469 min Scan# 745  
Delta R.T. 0.005 min  
Lab File: BP019840.D  
Acq: 23 Feb 2024 13:11

Tgt Ion:128 Resp: 223039  
Ion Ratio Lower Upper  
128 100  
130 33.9 13.3 53.3  
64 48.8 29.7 69.7





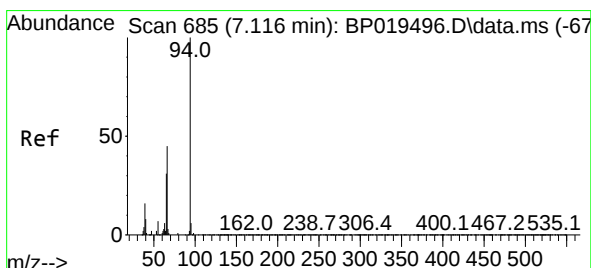
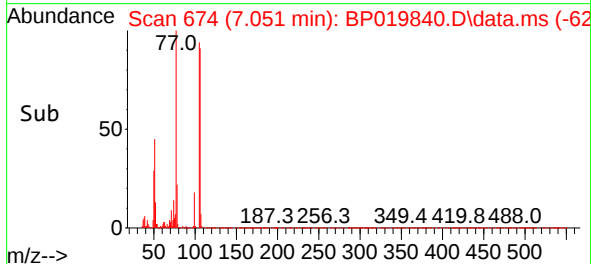
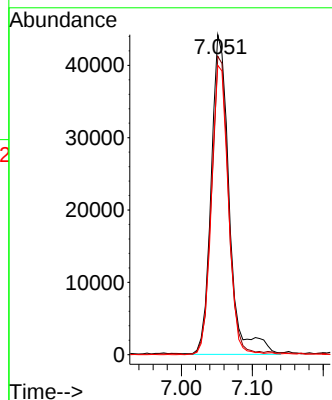
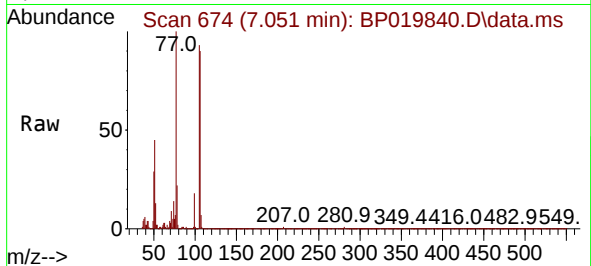
#9  
Benzaldehyde  
Concen: 17.055 ng m  
RT: 7.051 min Scan# 61  
Delta R.T. -0.000 min  
Lab File: BP019840.D  
Acq: 23 Feb 2024 13:11

Instrument :  
BNA\_P  
ClientSampleId :  
PB159196BS

Tgt Ion: 77 Resp: 7804  
Ion Ratio Lower Upper  
77 100  
105 93.3 74.0 114.0  
106 90.4 67.8 107.8

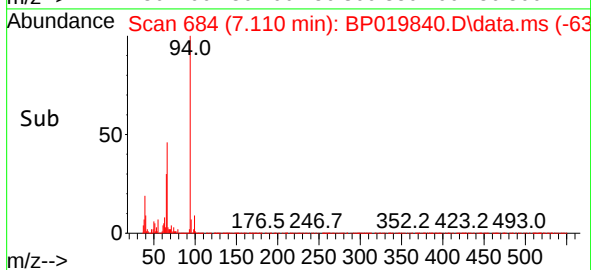
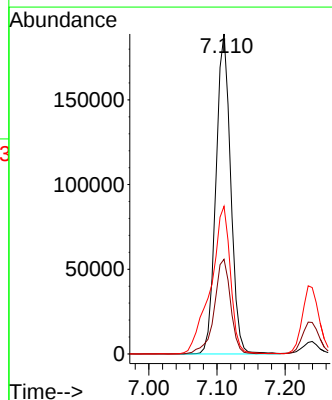
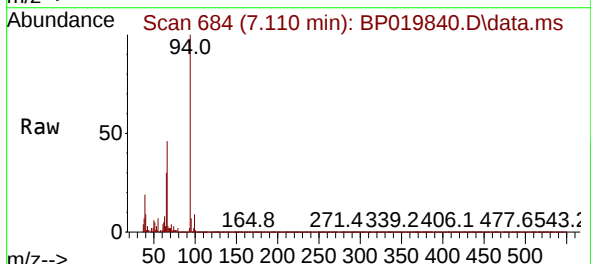
Manual Integrations  
APPROVED

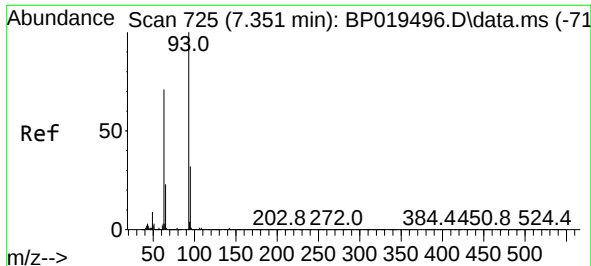
Reviewed By :Yogesh Patel 02/27/2024  
Supervised By :mohammad ahmed 02/27/2024



#10  
Phenol  
Concen: 43.694 ng  
RT: 7.110 min Scan# 684  
Delta R.T. 0.006 min  
Lab File: BP019840.D  
Acq: 23 Feb 2024 13:11

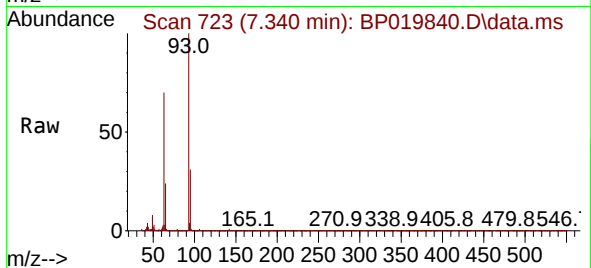
Tgt Ion: 94 Resp: 284231  
Ion Ratio Lower Upper  
94 100  
65 29.6 11.3 51.3  
66 46.1 25.1 65.1





#11  
bis(2-Chloroethyl)ether  
Concen: 42.272 ng  
RT: 7.340 min Scan# 711  
Delta R.T. 0.005 min  
Lab File: BP019840.D  
Acq: 23 Feb 2024 13:11

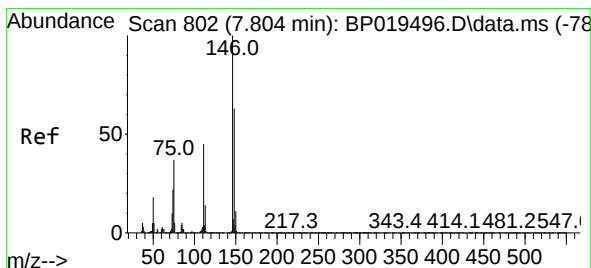
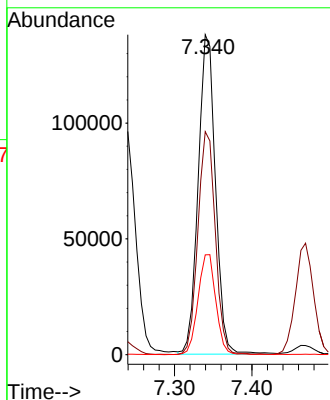
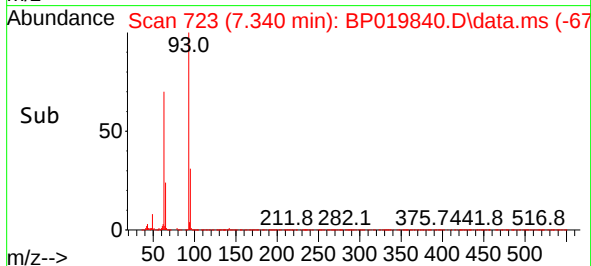
Instrument :  
BNA\_P  
ClientSampleId :  
PB159196BS



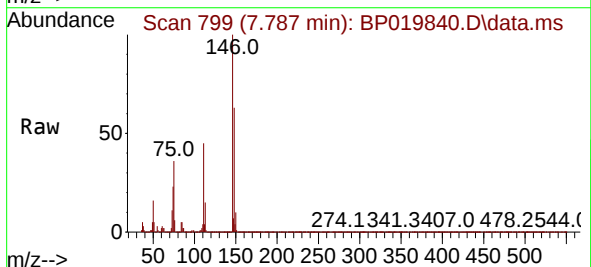
Tgt Ion: 93 Resp: 21393  
Ion Ratio Lower Upper  
93 100  
63 69.7 51.2 91.2  
95 31.2 11.8 51.8

Manual Integrations  
APPROVED

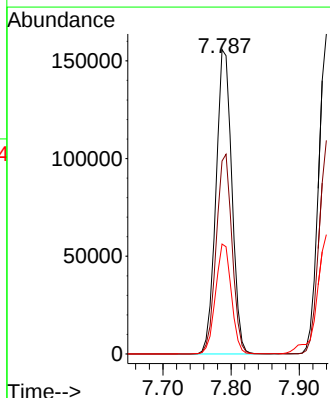
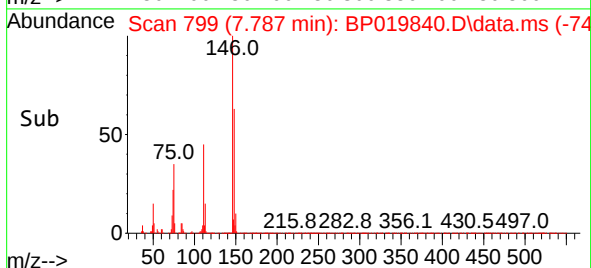
Reviewed By :Yogesh Patel 02/27/2024  
Supervised By :mohammad ahmed 02/27/2024



#12  
1,3-Dichlorobenzene  
Concen: 41.558 ng  
RT: 7.787 min Scan# 799  
Delta R.T. -0.000 min  
Lab File: BP019840.D  
Acq: 23 Feb 2024 13:11



Tgt Ion:146 Resp: 252708  
Ion Ratio Lower Upper  
146 100  
148 63.4 50.4 75.6  
75 36.1 29.9 44.9





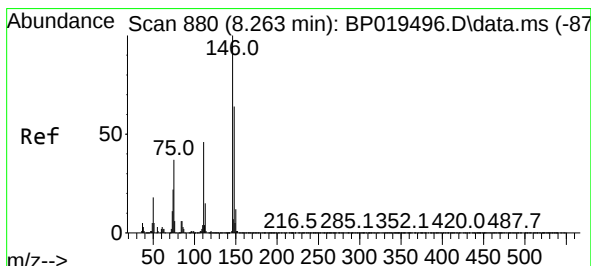
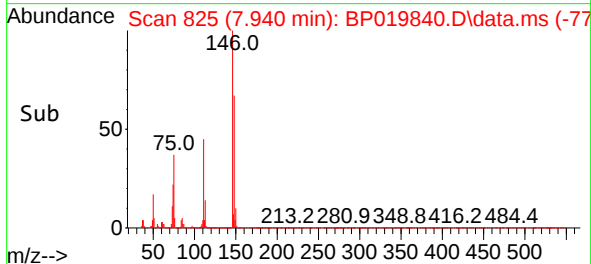
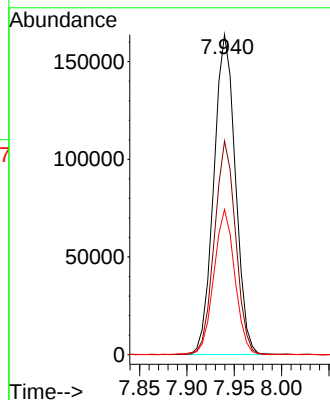
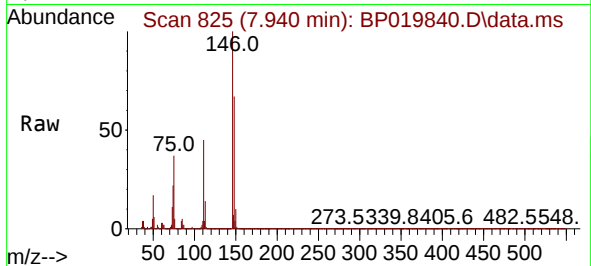
#13  
1,4-Dichlorobenzene  
Concen: 42.145 ng  
RT: 7.940 min Scan# 81  
Delta R.T. 0.005 min  
Lab File: BP019840.D  
Acq: 23 Feb 2024 13:11

Instrument :  
BNA\_P  
ClientSampleId :  
PB159196BS

Tgt Ion:146 Resp: 25964  
Ion Ratio Lower Upper  
146 100  
148 66.8 51.9 77.9  
111 45.4 35.8 53.6

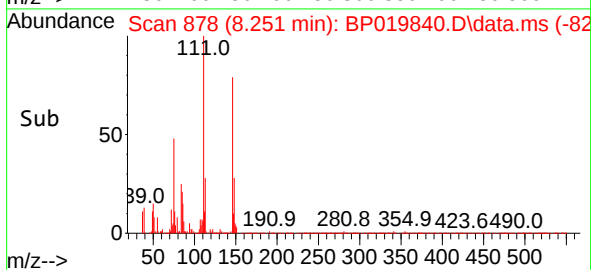
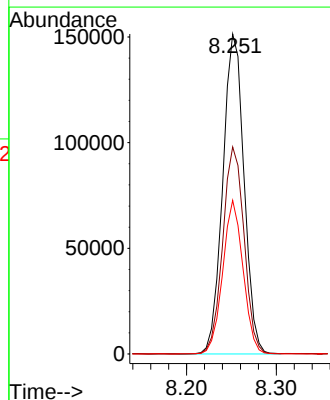
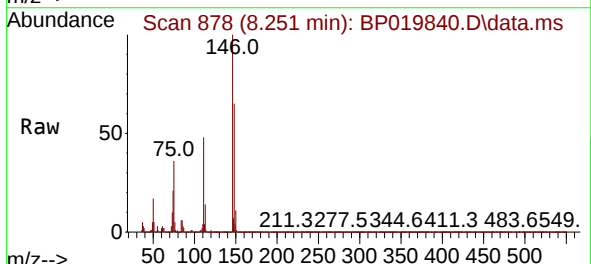
Manual Integrations  
APPROVED

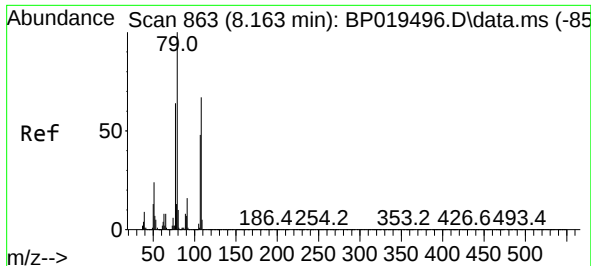
Reviewed By :Yogesh Patel 02/27/2024  
Supervised By :mohammad ahmed 02/27/2024



#14  
1,2-Dichlorobenzene  
Concen: 41.722 ng  
RT: 8.251 min Scan# 878  
Delta R.T. 0.005 min  
Lab File: BP019840.D  
Acq: 23 Feb 2024 13:11

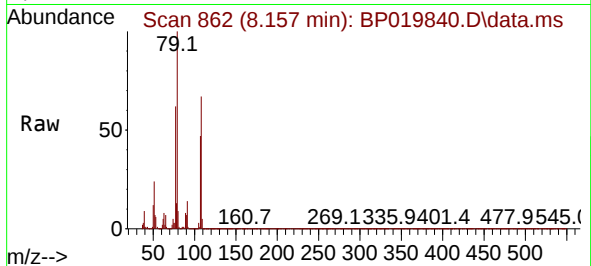
Tgt Ion:146 Resp: 248698  
Ion Ratio Lower Upper  
146 100  
148 64.7 51.4 77.0  
111 48.0 37.0 55.6





#15  
Benzyl Alcohol  
Concen: 43.514 ng  
RT: 8.157 min Scan# 80  
Delta R.T. 0.005 min  
Lab File: BP019840.D  
Acq: 23 Feb 2024 13:11

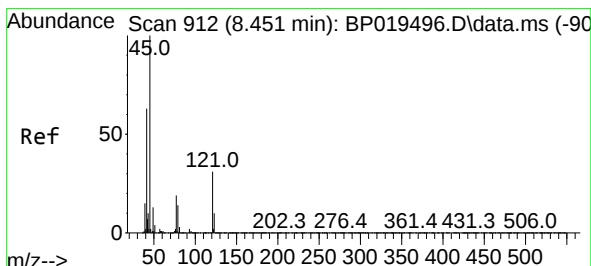
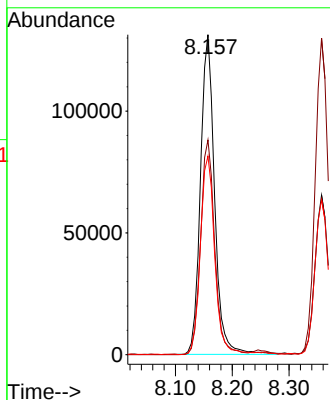
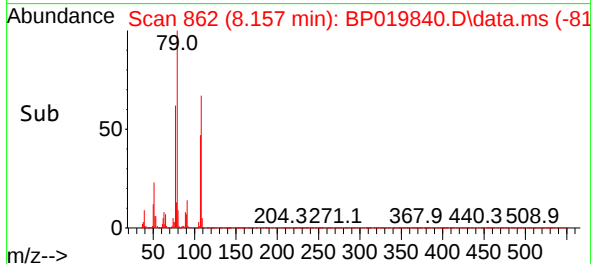
Instrument :  
BNA\_P  
ClientSampleId :  
PB159196BS



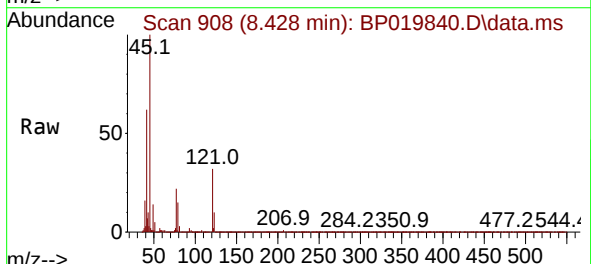
Tgt Ion: 79 Resp: 22692  
Ion Ratio Lower Upper  
79 100  
108 67.1 53.8 80.6  
77 62.0 51.3 76.9

Manual Integrations  
APPROVED

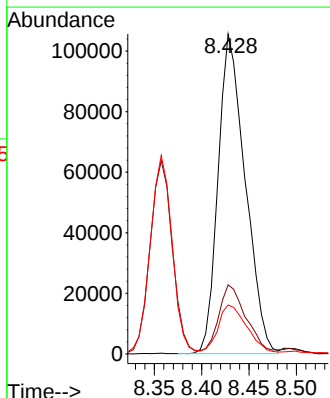
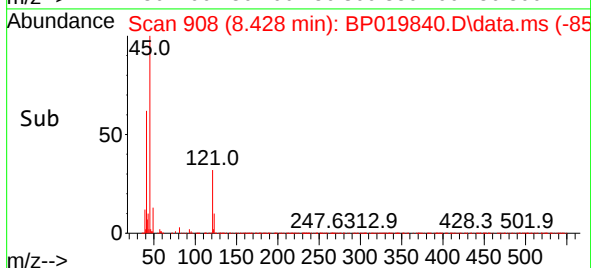
Reviewed By :Yogesh Patel 02/27/2024  
Supervised By :mohammad ahmed 02/27/2024

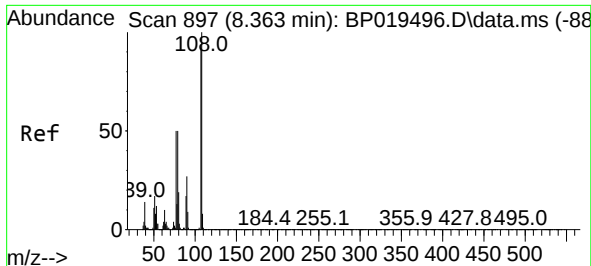


#16  
2,2'-oxybis(1-Chloropropane)  
Concen: 41.563 ng  
RT: 8.428 min Scan# 908  
Delta R.T. -0.012 min  
Lab File: BP019840.D  
Acq: 23 Feb 2024 13:11



Tgt Ion: 45 Resp: 210341  
Ion Ratio Lower Upper  
45 100  
77 21.6 0.8 40.8  
79 15.3 0.0 35.5





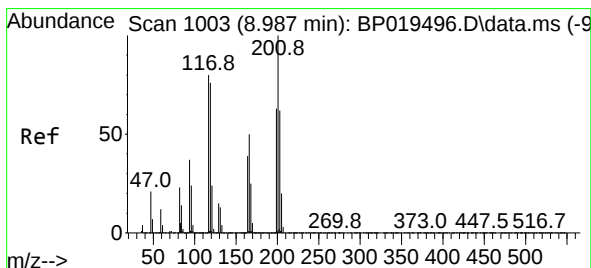
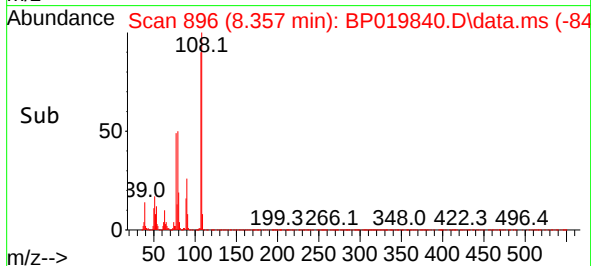
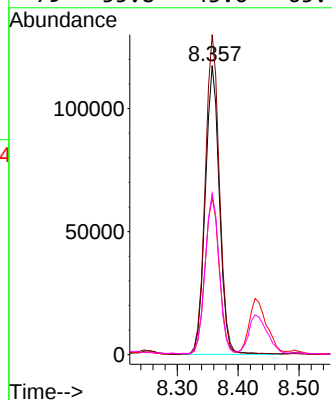
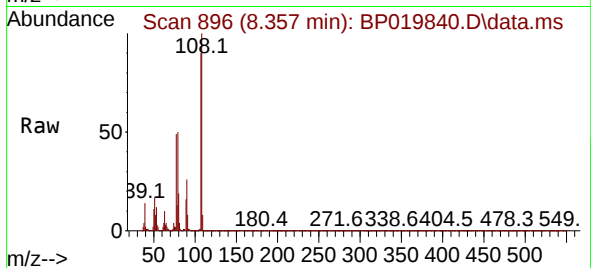
#17  
2-Methylphenol  
Concen: 43.234 ng  
RT: 8.357 min Scan# 897  
Delta R.T. 0.005 min  
Lab File: BP019840.D  
Acq: 23 Feb 2024 13:11

Instrument :  
BNA\_P  
ClientSampleId :  
PB159196BS

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 107   | Resp: | 189340 |
| Ion      | Ratio | Lower | Upper  |
| 107      | 100   |       |        |
| 108      | 110.7 | 87.0  | 130.6  |
| 77       | 54.3  | 43.5  | 65.3   |
| 79       | 55.8  | 43.6  | 65.4   |

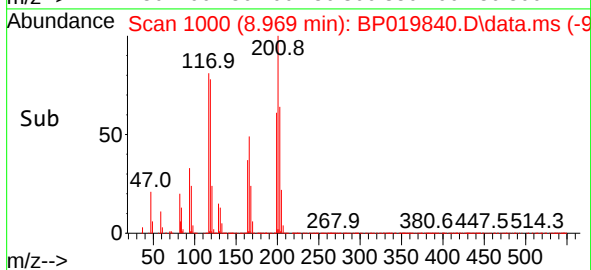
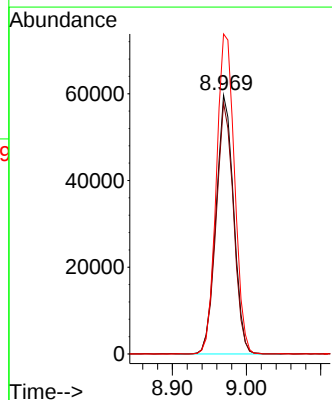
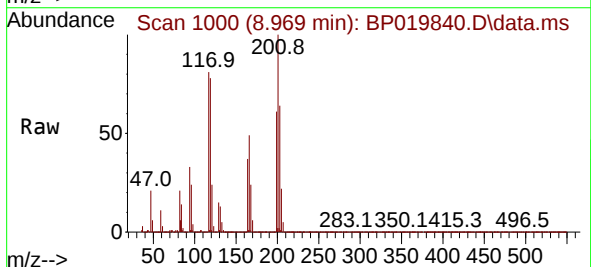
Manual Integrations  
APPROVED

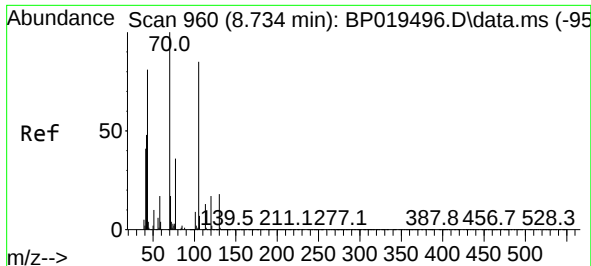
Reviewed By :Yogesh Patel 02/27/2024  
Supervised By :mohammad ahmed 02/27/2024



#18  
Hexachloroethane  
Concen: 41.293 ng  
RT: 8.969 min Scan# 1000  
Delta R.T. 0.006 min  
Lab File: BP019840.D  
Acq: 23 Feb 2024 13:11

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 117   | Resp: | 98606 |
| Ion      | Ratio | Lower | Upper |
| 117      | 100   |       |       |
| 119      | 97.1  | 75.5  | 113.3 |
| 201      | 123.6 | 99.4  | 149.2 |





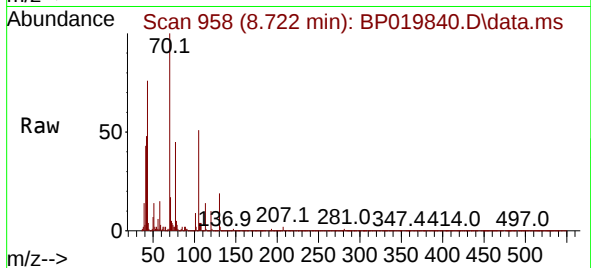
#19  
n-Nitroso-di-n-propylamine  
Concen: 40.410 ng  
RT: 8.722 min Scan# 91  
Delta R.T. 0.005 min  
Lab File: BP019840.D  
Acq: 23 Feb 2024 13:11

Instrument :

BNA\_P

ClientSampleId :

PB159196BS



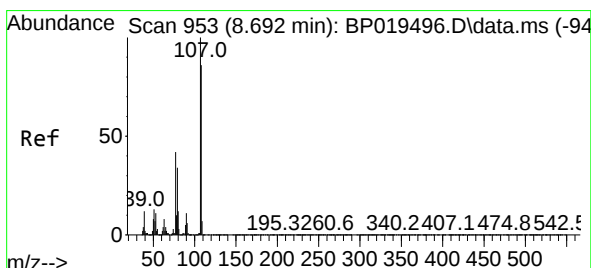
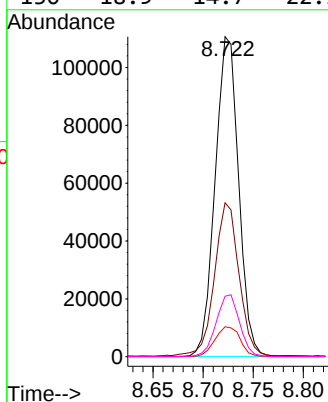
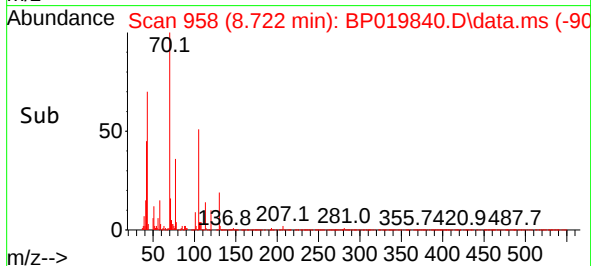
Tgt Ion: 70 Resp: 18014  
Ion Ratio Lower Upper  
70 100  
42 48.1 39.2 58.8  
101 9.4 7.3 10.9  
130 18.9 14.7 22.1

Manual Integrations

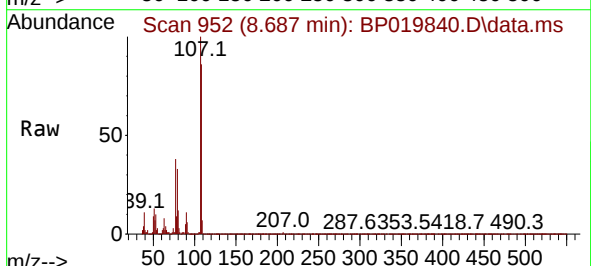
APPROVED

Reviewed By :Yogesh Patel 02/27/2024

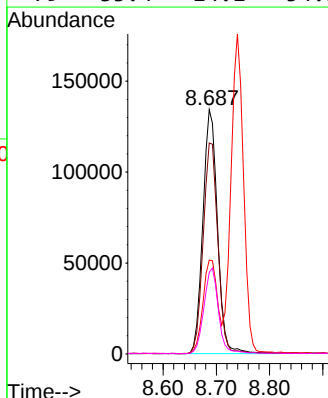
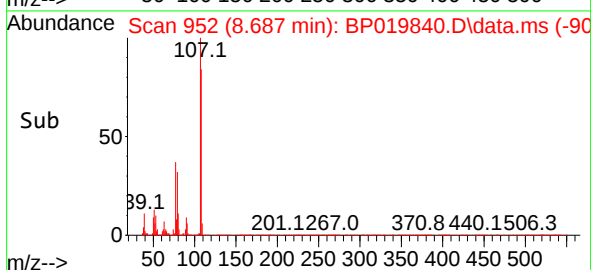
Supervised By :mohammad ahmed 02/27/2024

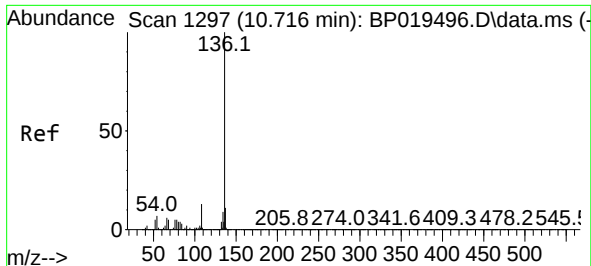


#20  
3+4-Methylphenols  
Concen: 42.748 ng  
RT: 8.687 min Scan# 952  
Delta R.T. 0.005 min  
Lab File: BP019840.D  
Acq: 23 Feb 2024 13:11



Tgt Ion:107 Resp: 255501  
Ion Ratio Lower Upper  
107 100  
108 86.3 65.5 105.5  
77 38.5 21.8 61.8  
79 33.4 14.1 54.1





#21  
Naphthalene-d8  
Concen: 20.000 ng  
RT: 10.704 min Scan# 1295  
Delta R.T. -0.000 min  
Lab File: BP019840.D  
Acq: 23 Feb 2024 13:11

Instrument :

BNA\_P

ClientSampleId :

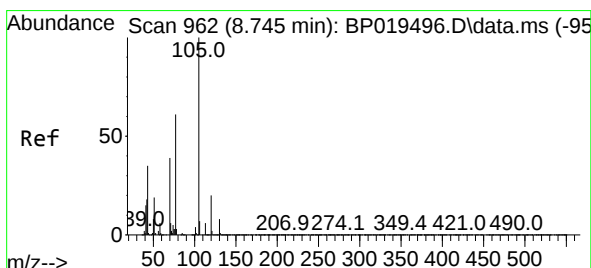
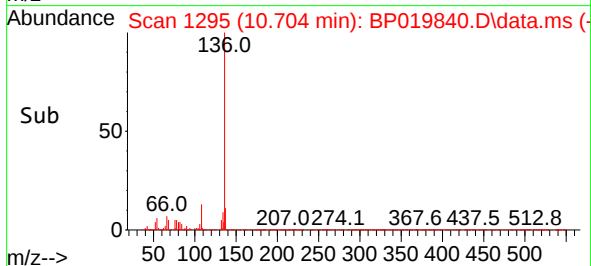
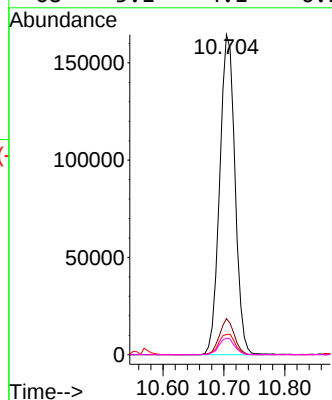
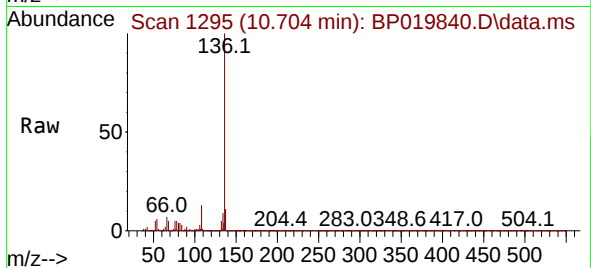
PB159196BS

Tgt Ion:136 Resp: 287310  
Ion Ratio Lower Upper  
136 100  
137 11.2 8.8 13.2  
54 6.3 5.3 7.9  
68 5.1 4.1 6.1

Manual Integrations

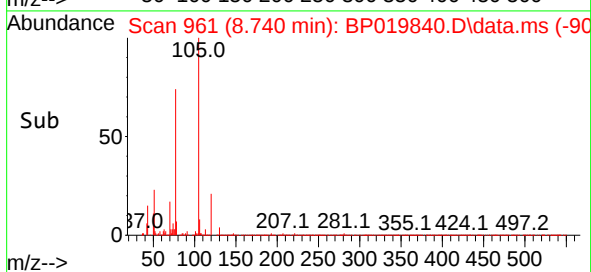
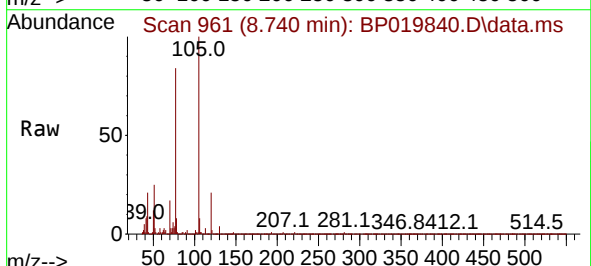
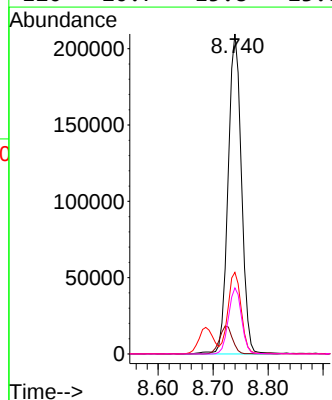
APPROVED

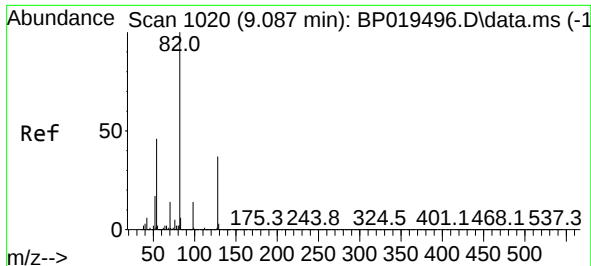
Reviewed By :Yogesh Patel 02/27/2024  
Supervised By :mohammad ahmed 02/27/2024



#22  
Acetophenone  
Concen: 43.222 ng  
RT: 8.740 min Scan# 961  
Delta R.T. 0.006 min  
Lab File: BP019840.D  
Acq: 23 Feb 2024 13:11

Tgt Ion:105 Resp: 353769  
Ion Ratio Lower Upper  
105 100  
71 2.9 4.9 7.3#  
51 25.5 20.7 31.1  
120 20.7 15.8 23.8





#23  
Nitrobenzene-d5  
Concen: 81.903 ng  
RT: 9.075 min Scan# 1018  
Delta R.T. -0.000 min  
Lab File: BP019840.D  
Acq: 23 Feb 2024 13:11

Instrument :

BNA\_P

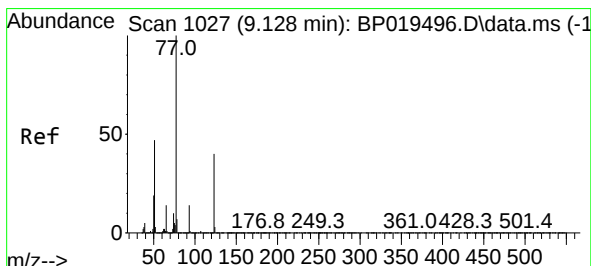
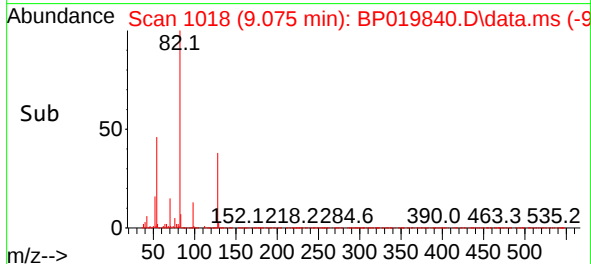
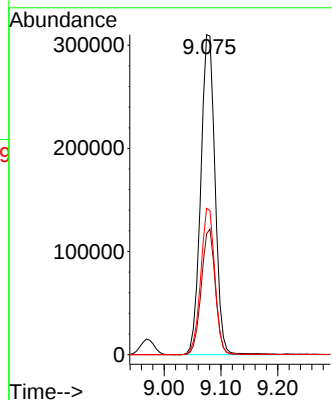
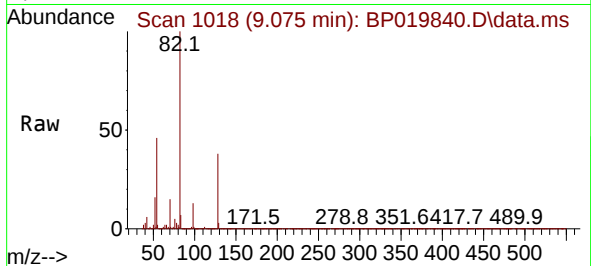
ClientSampleId :

PB159196BS

Tgt Ion: 82 Resp: 54305  
Ion Ratio Lower Upper  
82 100  
128 37.8 29.7 44.5  
54 45.8 36.8 55.2

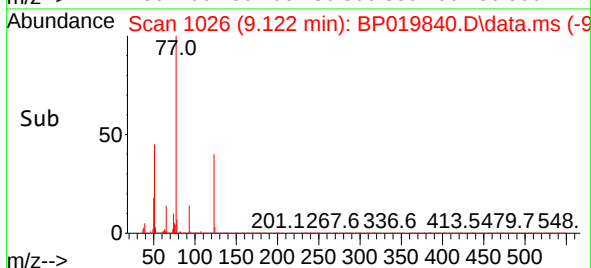
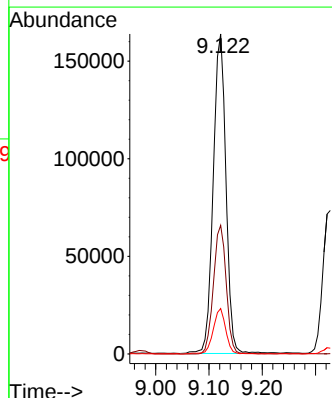
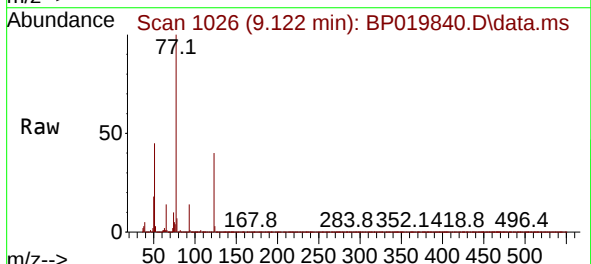
Manual Integrations  
APPROVED

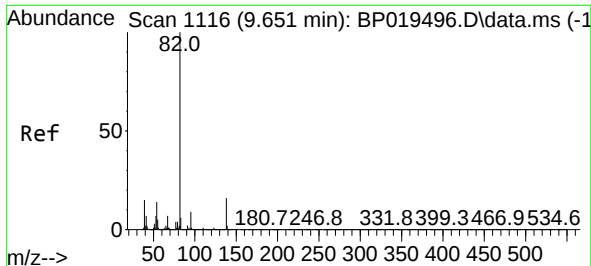
Reviewed By :Yogesh Patel 02/27/2024  
Supervised By :mohammad ahmed 02/27/2024



#24  
Nitrobenzene  
Concen: 40.718 ng  
RT: 9.122 min Scan# 1026  
Delta R.T. 0.006 min  
Lab File: BP019840.D  
Acq: 23 Feb 2024 13:11

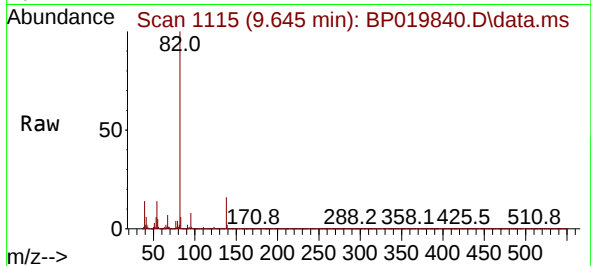
Tgt Ion: 77 Resp: 271828  
Ion Ratio Lower Upper  
77 100  
123 40.2 32.3 48.5  
65 14.2 11.6 17.4





#25  
Isophorone  
Concen: 41.650 ng  
RT: 9.645 min Scan# 1115  
Delta R.T. 0.005 min  
Lab File: BP019840.D  
Acq: 23 Feb 2024 13:11

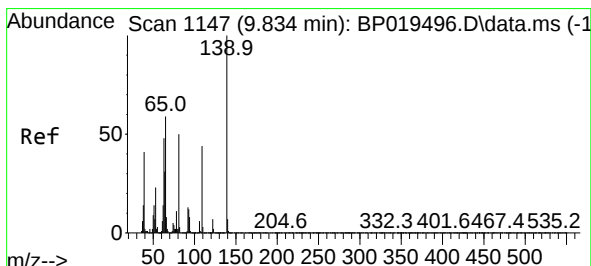
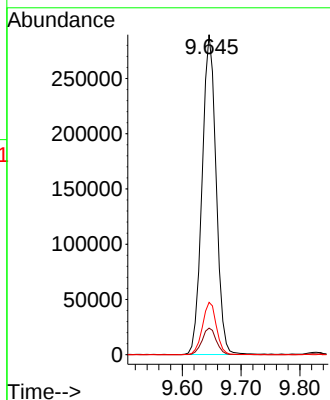
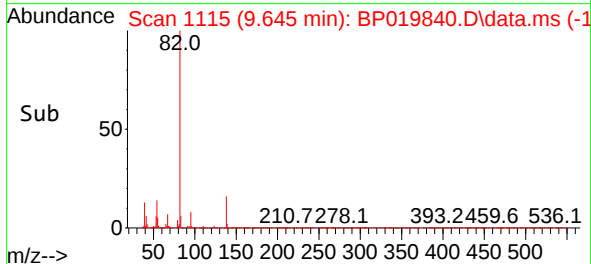
Instrument :  
BNA\_P  
ClientSampleId :  
PB159196BS



Tgt Ion: 82 Resp: 480952  
Ion Ratio Lower Upper  
82 100  
95 8.3 7.0 10.4  
138 16.4 13.1 19.7

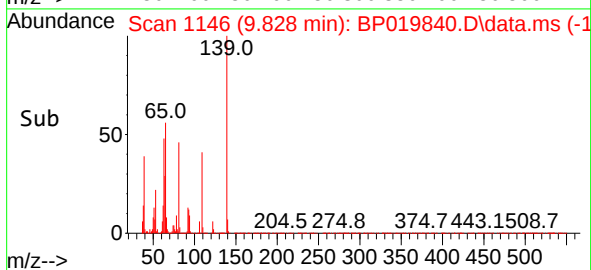
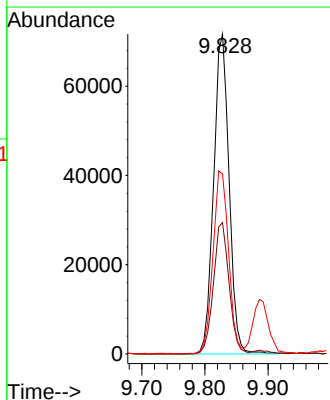
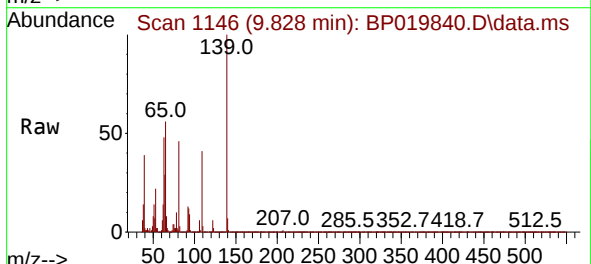
Manual Integrations  
APPROVED

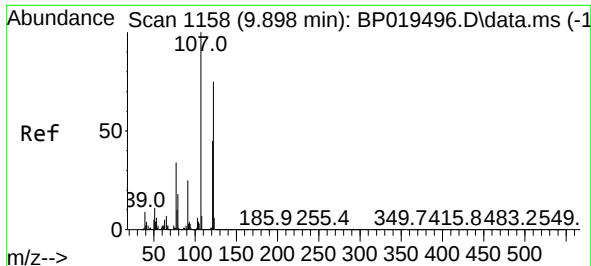
Reviewed By :Yogesh Patel 02/27/2024  
Supervised By :mohammad ahmed 02/27/2024



#26  
2-Nitrophenol  
Concen: 47.729 ng  
RT: 9.828 min Scan# 1146  
Delta R.T. 0.006 min  
Lab File: BP019840.D  
Acq: 23 Feb 2024 13:11

Tgt Ion:139 Resp: 121493  
Ion Ratio Lower Upper  
139 100  
109 41.1 34.9 52.3  
65 56.3 47.5 71.3





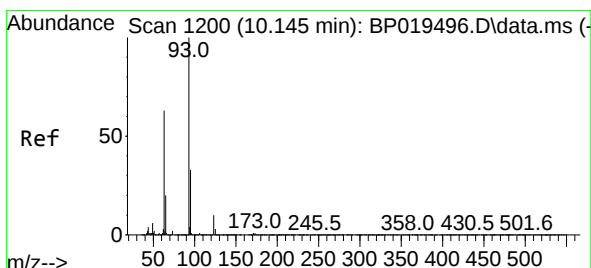
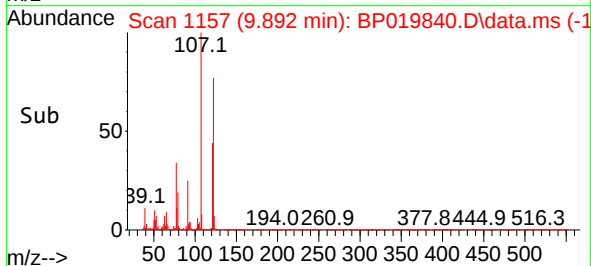
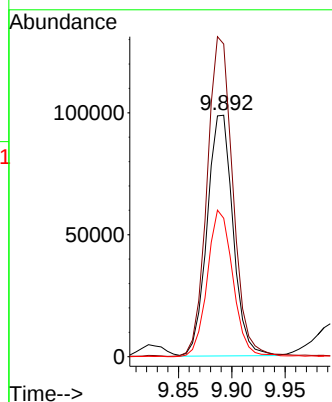
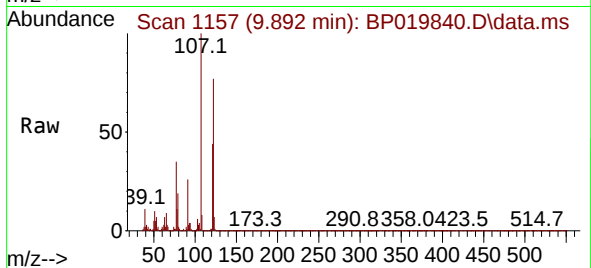
#27  
2,4-Dimethylphenol  
Concen: 51.302 ng  
RT: 9.892 min Scan# 1158  
Delta R.T. 0.006 min  
Lab File: BP019840.D  
Acq: 23 Feb 2024 13:11

Instrument :  
BNA\_P  
ClientSampleId :  
PB159196BS

Tgt Ion:122 Resp: 166984  
Ion Ratio Lower Upper  
122 100  
107 129.5 105.9 158.9  
121 57.3 47.5 71.3

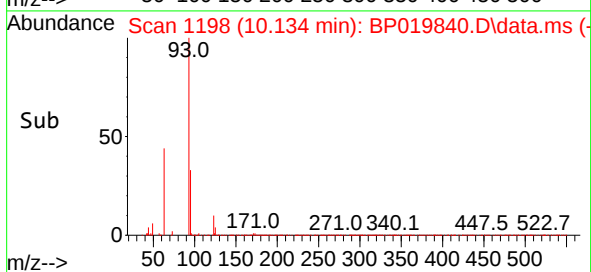
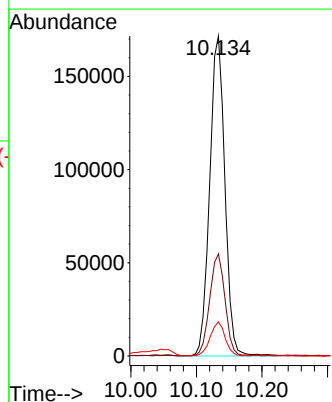
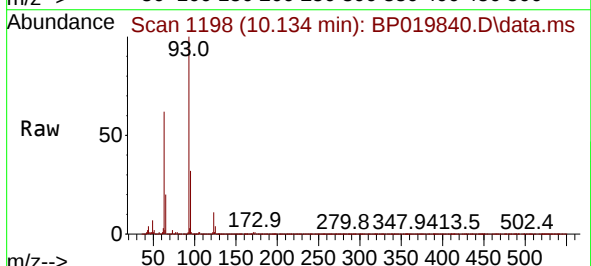
Manual Integrations  
APPROVED

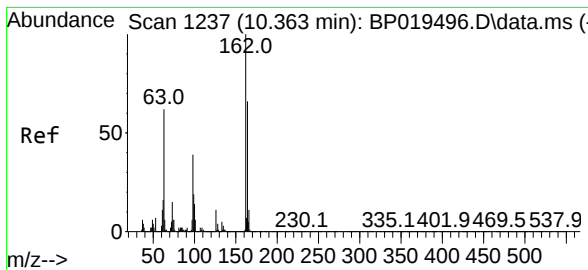
Reviewed By :Yogesh Patel 02/27/2024  
Supervised By :mohammad ahmed 02/27/2024



#28  
bis(2-Chloroethoxy)methane  
Concen: 42.336 ng  
RT: 10.134 min Scan# 1198  
Delta R.T. 0.006 min  
Lab File: BP019840.D  
Acq: 23 Feb 2024 13:11

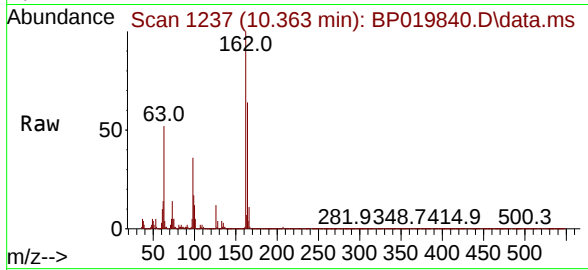
Tgt Ion: 93 Resp: 276597  
Ion Ratio Lower Upper  
93 100  
95 31.9 26.2 39.4  
123 10.7 8.5 12.7





#29  
2,4-Dichlorophenol  
Concen: 46.453 ng  
RT: 10.363 min Scan# 1237  
Delta R.T. 0.006 min  
Lab File: BP019840.D  
Acq: 23 Feb 2024 13:11

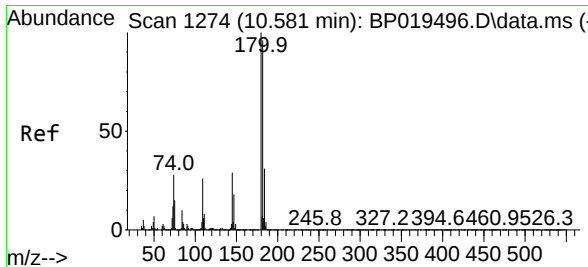
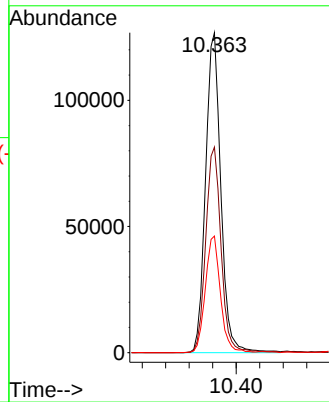
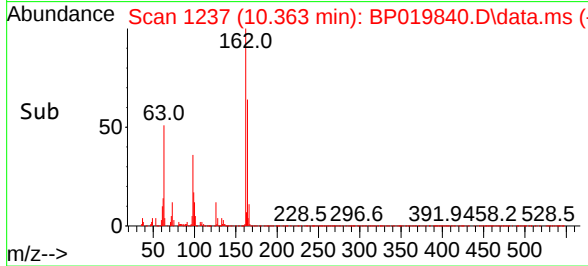
Instrument :  
BNA\_P  
ClientSampleId :  
PB159196BS



Tgt Ion:162 Resp: 22856  
Ion Ratio Lower Upper  
162 100  
164 64.2 46.0 86.0  
98 36.4 18.7 58.7

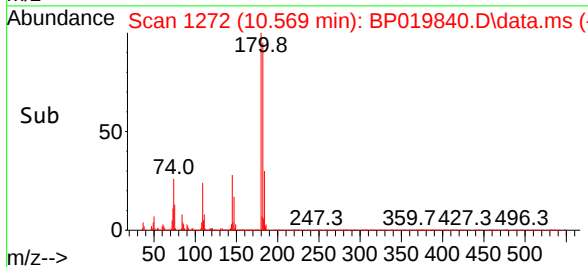
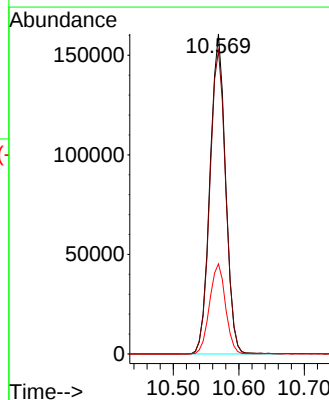
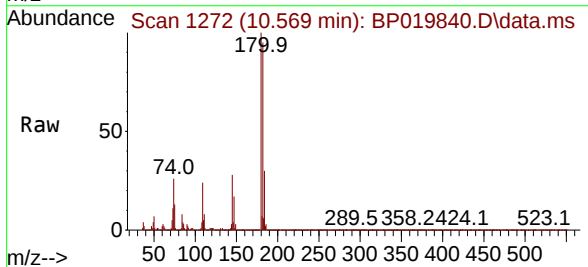
Manual Integrations  
APPROVED

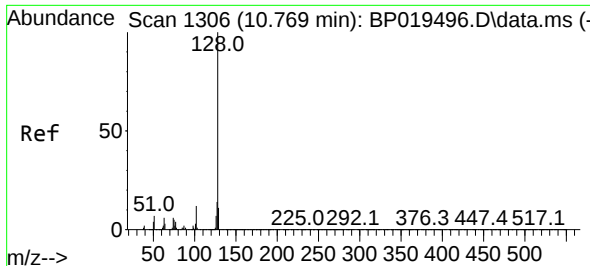
Reviewed By :Yogesh Patel 02/27/2024  
Supervised By :mohammad ahmed 02/27/2024



#30  
1,2,4-Trichlorobenzene  
Concen: 43.986 ng  
RT: 10.569 min Scan# 1272  
Delta R.T. 0.005 min  
Lab File: BP019840.D  
Acq: 23 Feb 2024 13:11

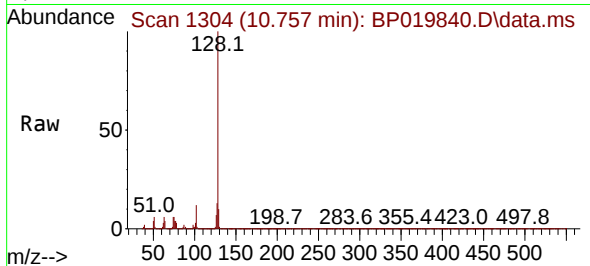
Tgt Ion:180 Resp: 265365  
Ion Ratio Lower Upper  
180 100  
182 94.9 77.0 115.6  
145 28.2 23.2 34.8





#31  
Naphthalene  
Concen: 42.464 ng  
RT: 10.757 min Scan# 1185  
Delta R.T. 0.006 min  
Lab File: BP019840.D  
Acq: 23 Feb 2024 13:11

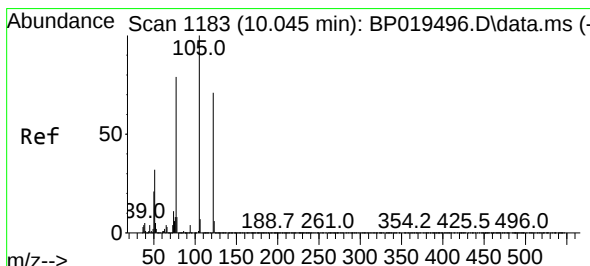
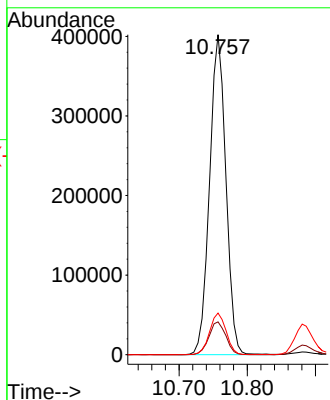
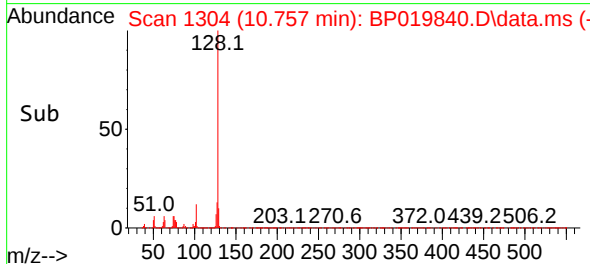
Instrument :  
BNA\_P  
ClientSampleId :  
PB159196BS



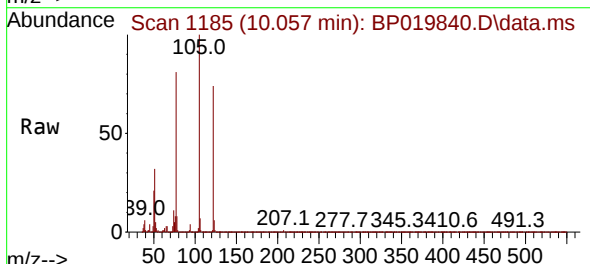
Tgt Ion:128 Resp: 66912  
Ion Ratio Lower Upper  
128 100  
129 10.2 8.6 13.0  
127 13.0 10.8 16.2

Manual Integrations  
APPROVED

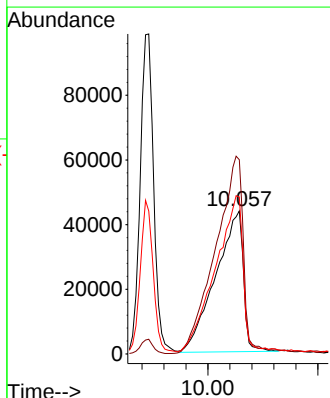
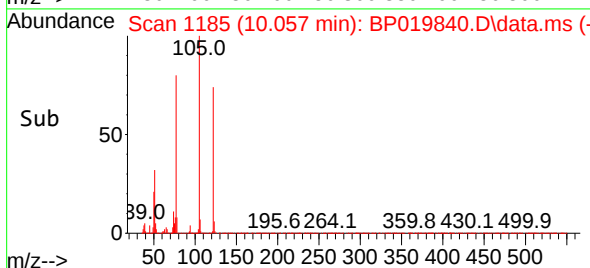
Reviewed By :Yogesh Patel 02/27/2024  
Supervised By :mohammad ahmed 02/27/2024

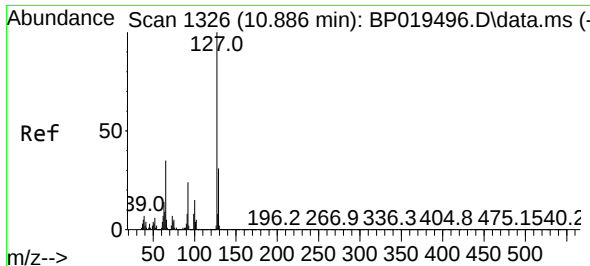


#32  
Benzoic acid  
Concen: 48.125 ng  
RT: 10.057 min Scan# 1185  
Delta R.T. 0.006 min  
Lab File: BP019840.D  
Acq: 23 Feb 2024 13:11



Tgt Ion:122 Resp: 152619  
Ion Ratio Lower Upper  
122 100  
105 135.8 118.8 158.8  
77 109.8 91.7 131.7





#33  
4-Chloroaniline  
Concen: 13.087 ng  
RT: 10.881 min Scan# 1326  
Delta R.T. 0.005 min  
Lab File: BP019840.D  
Acq: 23 Feb 2024 13:11

Instrument :

BNA\_P

ClientSampleId :

PB159196BS

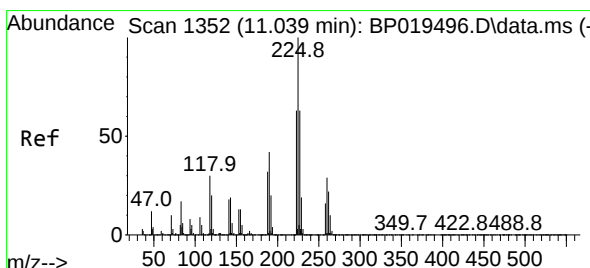
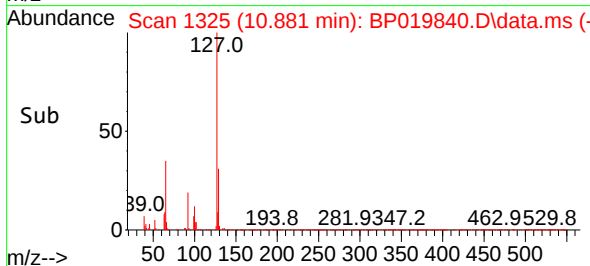
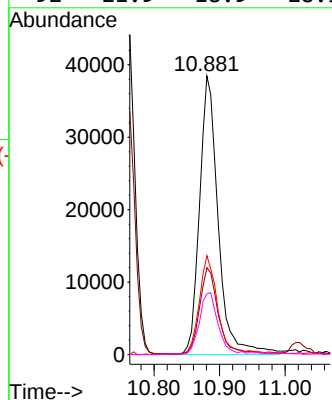
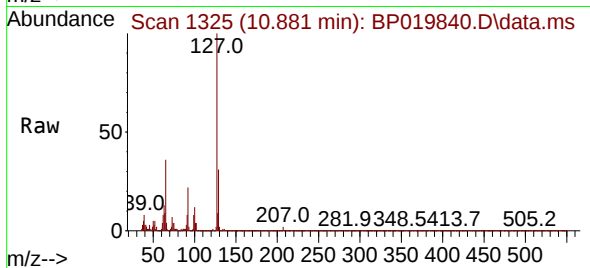
|           |       |       |      |
|-----------|-------|-------|------|
| Tgt Ion:  | 127   | Resp: | 7626 |
| Ion Ratio | Lower | Upper |      |
| 127       | 100   |       |      |
| 129       | 31.2  | 24.6  | 36.8 |
| 65        | 35.5  | 28.2  | 42.4 |
| 92        | 21.9  | 18.9  | 28.3 |

Manual Integrations

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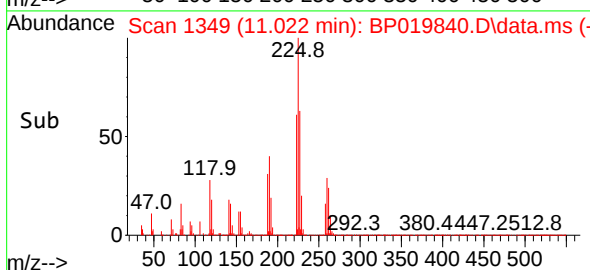
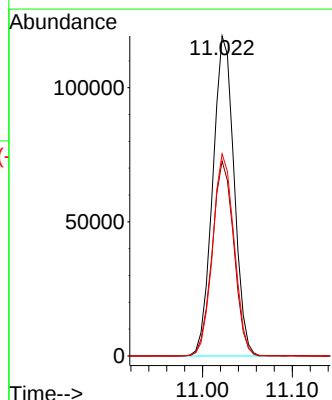
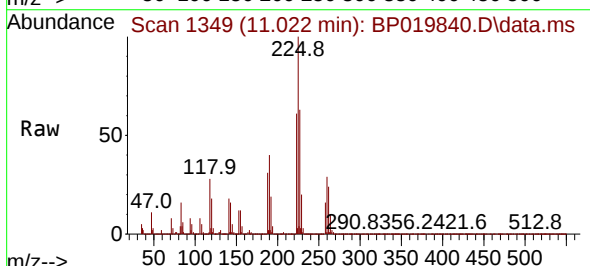
Reviewed By :Yogesh Patel 02/27/2024

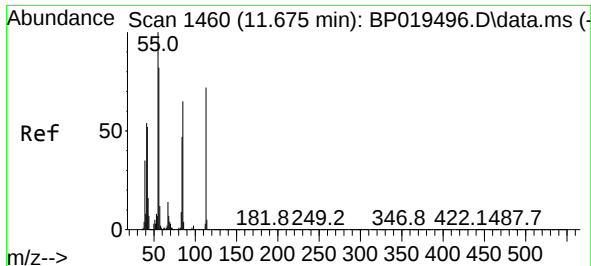
Supervised By :mohammad ahmed 02/27/2024



#34  
Hexachlorobutadiene  
Concen: 44.033 ng  
RT: 11.022 min Scan# 1349  
Delta R.T. -0.000 min  
Lab File: BP019840.D  
Acq: 23 Feb 2024 13:11

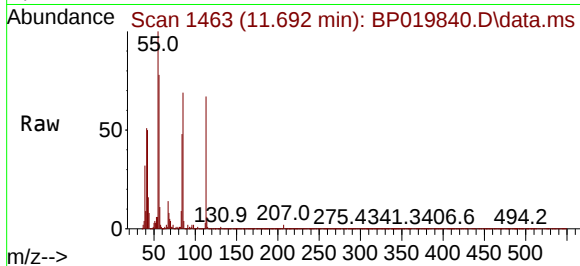
|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 225   | Resp: | 196855 |
| Ion Ratio | Lower | Upper |        |
| 225       | 100   |       |        |
| 223       | 60.9  | 50.5  | 75.7   |
| 227       | 63.2  | 50.2  | 75.2   |





#35  
Caprolactam  
Concen: 48.238 ng  
RT: 11.692 min Scan# 1463  
Delta R.T. -0.000 min  
Lab File: BP019840.D  
Acq: 23 Feb 2024 13:11

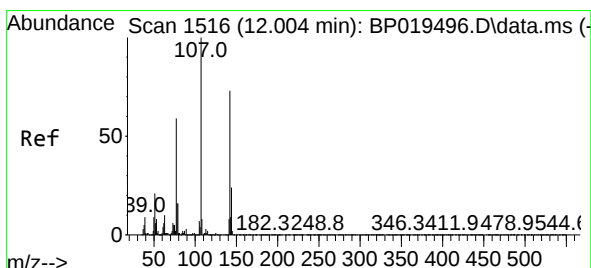
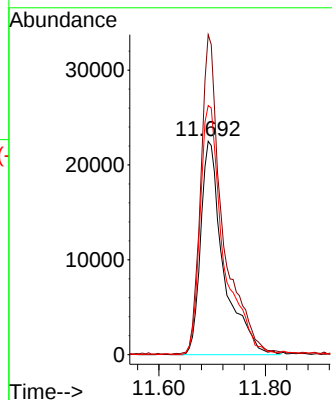
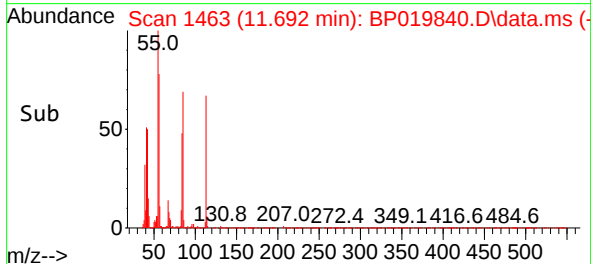
Instrument :  
BNA\_P  
ClientSampleId :  
PB159196BS



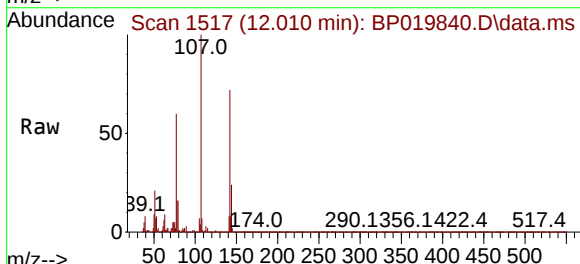
Tgt Ion:113 Resp: 6719  
Ion Ratio Lower Upper  
113 100  
55 149.9 120.0 160.0  
56 116.7 94.0 134.0

Manual Integrations  
APPROVED

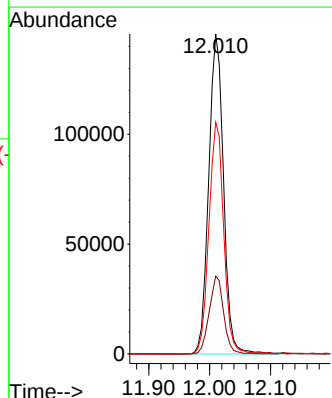
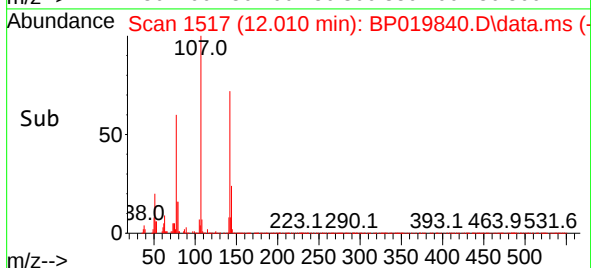
Reviewed By :Yogesh Patel 02/27/2024  
Supervised By :mohammad ahmed 02/27/2024

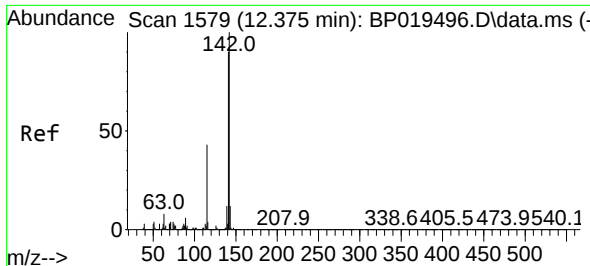


#36  
4-Chloro-3-methylphenol  
Concen: 45.918 ng  
RT: 12.010 min Scan# 1517  
Delta R.T. 0.006 min  
Lab File: BP019840.D  
Acq: 23 Feb 2024 13:11



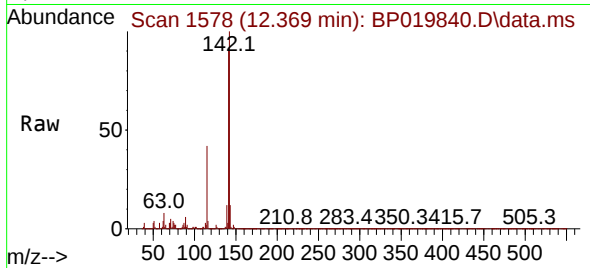
Tgt Ion:107 Resp: 246348  
Ion Ratio Lower Upper  
107 100  
144 24.3 19.0 28.4  
142 72.4 58.6 88.0





#37  
2-Methylnaphthalene  
Concen: 43.074 ng  
RT: 12.369 min Scan# 1615  
Delta R.T. 0.005 min  
Lab File: BP019840.D  
Acq: 23 Feb 2024 13:11

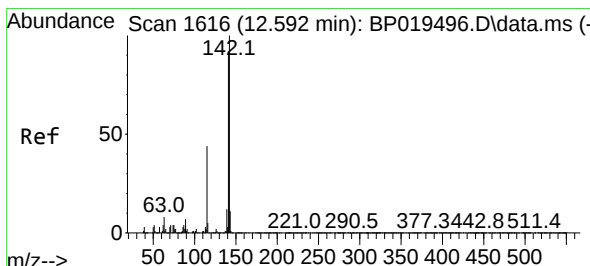
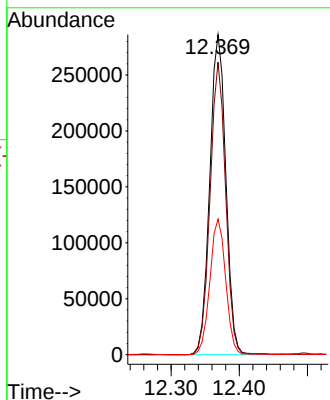
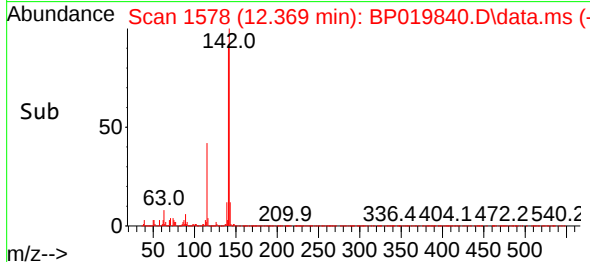
Instrument :  
BNA\_P  
ClientSampleId :  
PB159196BS



Tgt Ion:142 Resp: 469720  
Ion Ratio Lower Upper  
142 100  
141 91.4 72.2 108.4  
115 42.4 34.2 51.2

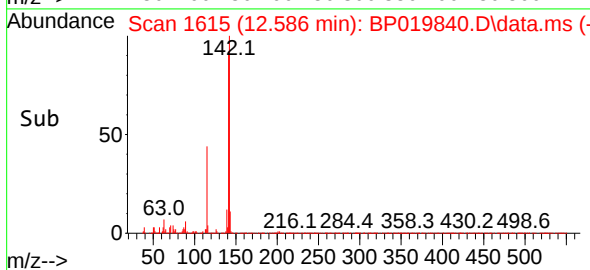
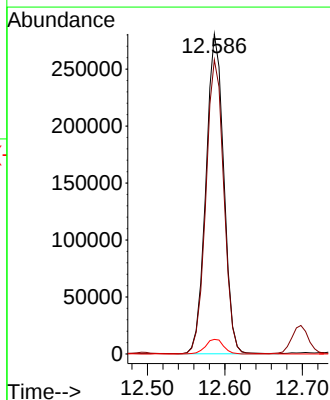
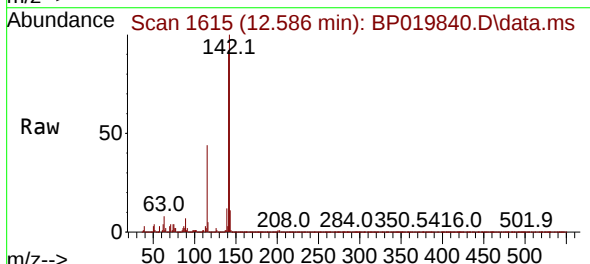
Manual Integrations  
APPROVED

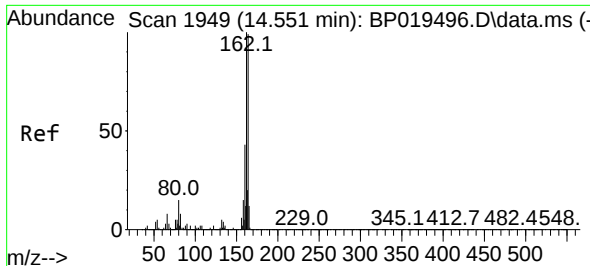
Reviewed By :Yogesh Patel 02/27/2024  
Supervised By :mohammad ahmed 02/27/2024



#38  
1-Methylnaphthalene  
Concen: 41.663 ng  
RT: 12.586 min Scan# 1615  
Delta R.T. -0.000 min  
Lab File: BP019840.D  
Acq: 23 Feb 2024 13:11

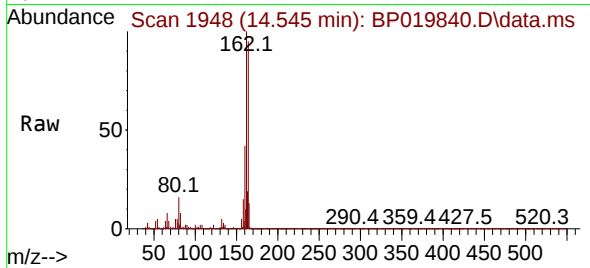
Tgt Ion:142 Resp: 446478  
Ion Ratio Lower Upper  
142 100  
141 91.9 74.0 111.0  
116 4.6 3.7 5.5





#39  
Acenaphthene-d10  
Concen: 20.000 ng  
RT: 14.545 min Scan# 1948  
Delta R.T. -0.000 min  
Lab File: BP019840.D  
Acq: 23 Feb 2024 13:11

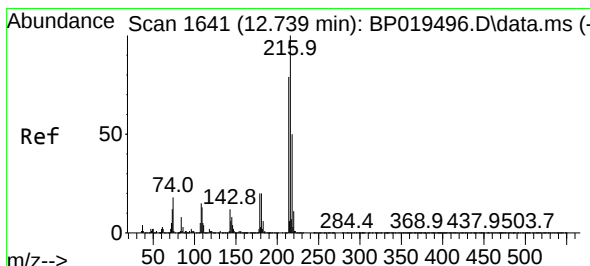
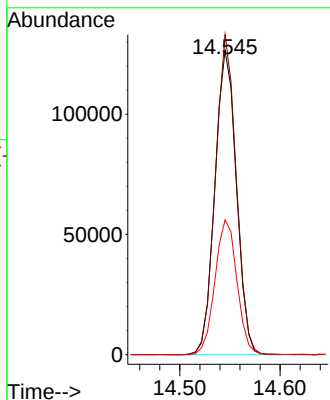
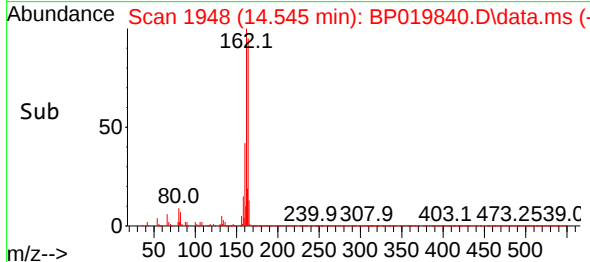
Instrument :  
BNA\_P  
ClientSampleId :  
PB159196BS



Tgt Ion:164 Resp: 18784  
Ion Ratio Lower Upper  
164 100  
162 105.2 81.2 121.8  
160 44.3 35.1 52.7

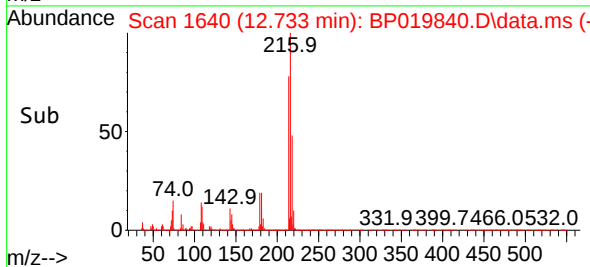
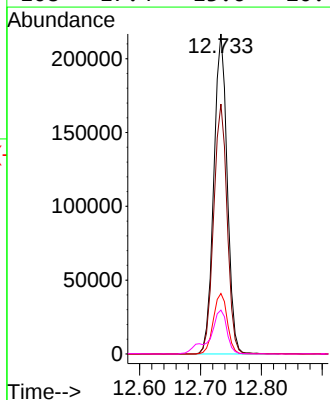
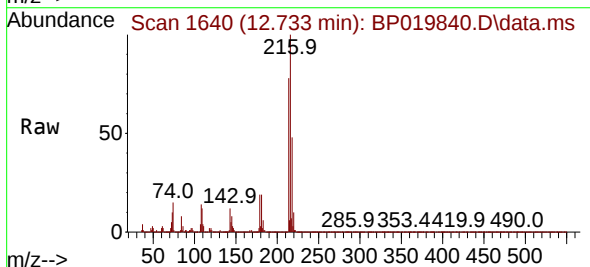
Manual Integrations  
APPROVED

Reviewed By :Yogesh Patel 02/27/2024  
Supervised By :mohammad ahmed 02/27/2024



#40  
1,2,4,5-Tetrachlorobenzene  
Concen: 45.719 ng  
RT: 12.733 min Scan# 1640  
Delta R.T. 0.005 min  
Lab File: BP019840.D  
Acq: 23 Feb 2024 13:11

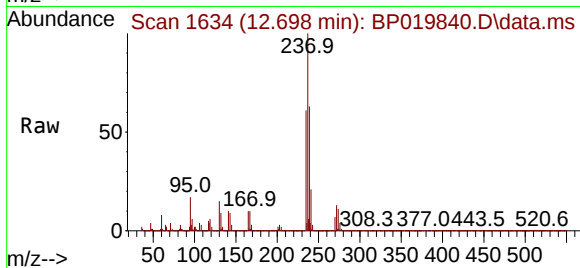
Tgt Ion:216 Resp: 331216  
Ion Ratio Lower Upper  
216 100  
214 78.6 62.8 94.2  
179 19.7 16.6 24.8  
108 17.4 13.6 20.4





#41  
Hexachlorocyclopentadiene  
Concen: 120.933 ng  
RT: 12.698 min Scan# 1634  
Delta R.T. 0.005 min  
Lab File: BP019840.D  
Acq: 23 Feb 2024 13:11

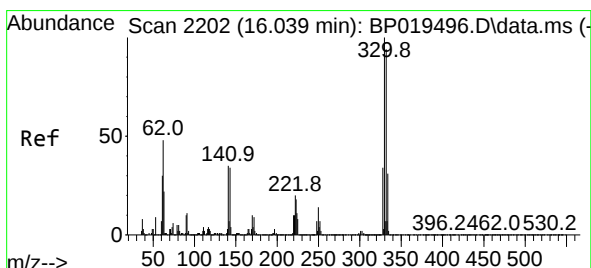
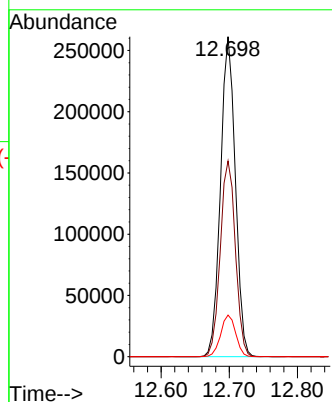
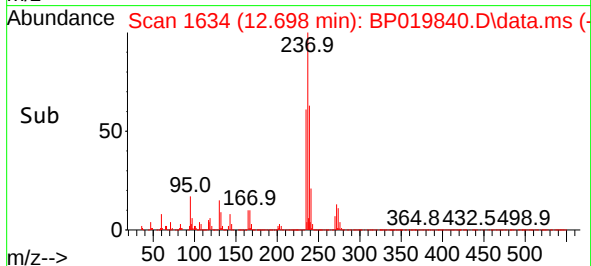
Instrument :  
BNA\_P  
ClientSampleId :  
PB159196BS



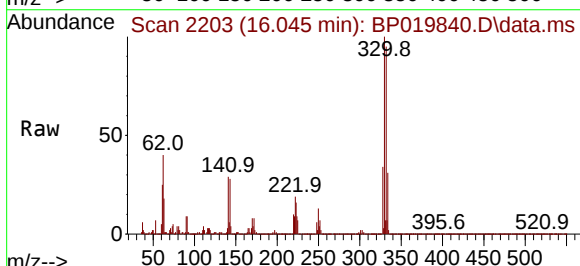
Tgt Ion:237 Resp: 395780  
Ion Ratio Lower Upper  
237 100  
235 61.1 43.7 83.7  
272 13.0 0.0 32.4

Manual Integrations  
APPROVED

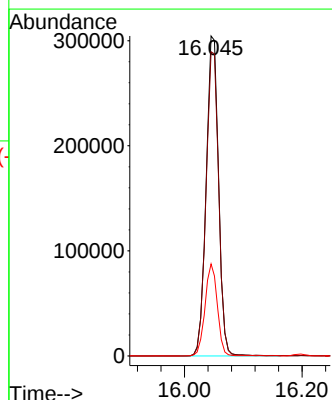
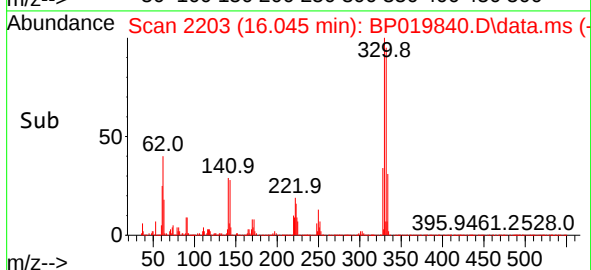
Reviewed By :Yogesh Patel 02/27/2024  
Supervised By :mohammad ahmed 02/27/2024

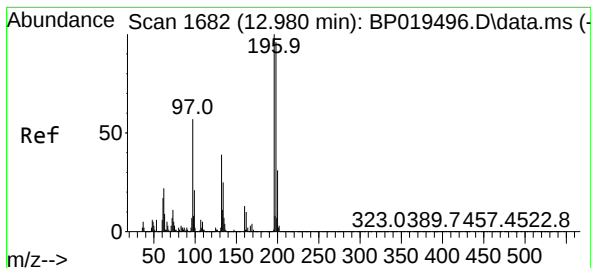


#42  
2,4,6-Tribromophenol  
Concen: 163.411 ng  
RT: 16.045 min Scan# 2203  
Delta R.T. -0.000 min  
Lab File: BP019840.D  
Acq: 23 Feb 2024 13:11



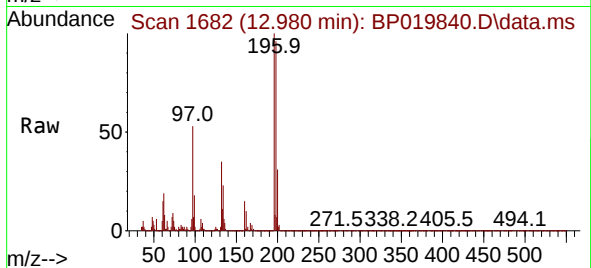
Tgt Ion:330 Resp: 448186  
Ion Ratio Lower Upper  
330 100  
332 96.4 77.2 115.8  
141 28.4 27.0 40.4





#43  
2,4,6-Trichlorophenol  
Concen: 48.277 ng  
RT: 12.980 min Scan# 1682  
Delta R.T. -0.000 min  
Lab File: BP019840.D  
Acq: 23 Feb 2024 13:11

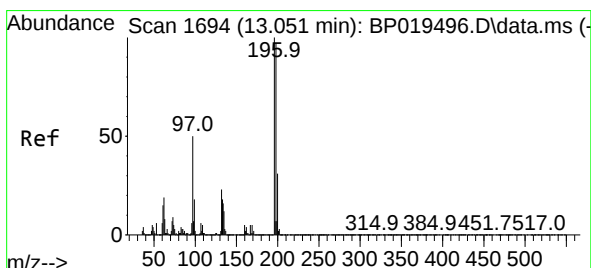
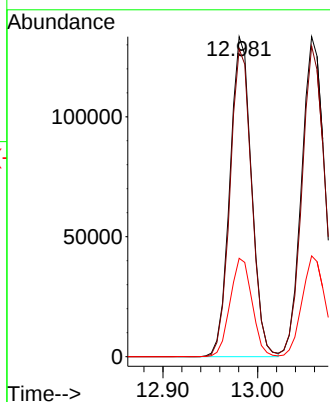
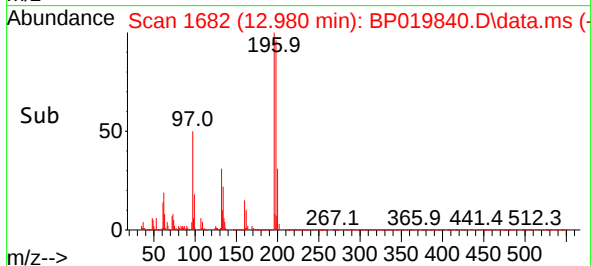
Instrument :  
BNA\_P  
ClientSampleId :  
PB159196BS



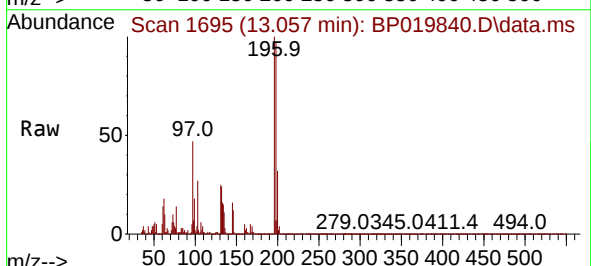
Tgt Ion:196 Resp: 21178  
Ion Ratio Lower Upper  
196 100  
198 96.2 76.7 115.1  
200 30.7 24.6 36.8

Manual Integrations  
APPROVED

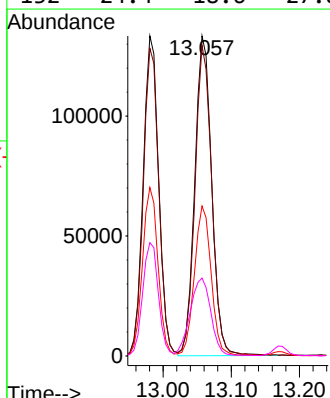
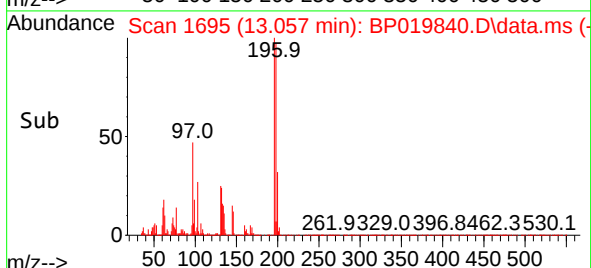
Reviewed By :Yogesh Patel 02/27/2024  
Supervised By :mohammad ahmed 02/27/2024

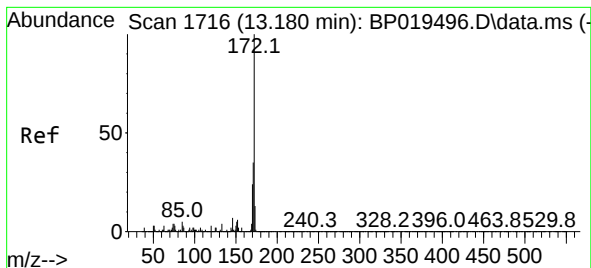


#44  
2,4,5-Trichlorophenol  
Concen: 47.734 ng  
RT: 13.057 min Scan# 1695  
Delta R.T. -0.000 min  
Lab File: BP019840.D  
Acq: 23 Feb 2024 13:11



Tgt Ion:196 Resp: 229936  
Ion Ratio Lower Upper  
196 100  
198 97.0 77.5 116.3  
97 46.9 39.9 59.9  
132 24.4 18.6 27.8





#45  
2-Fluorobiphenyl  
Concen: 82.971 ng  
RT: 13.175 min Scan# 1715  
Delta R.T. 0.005 min  
Lab File: BP019840.D  
Acq: 23 Feb 2024 13:11

Instrument :

BNA\_P

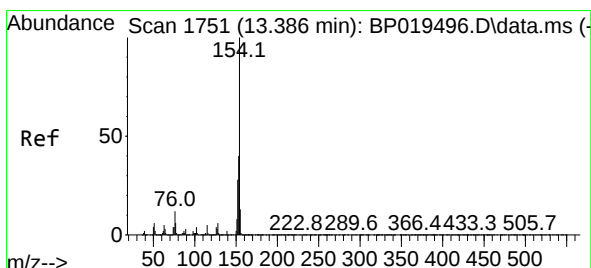
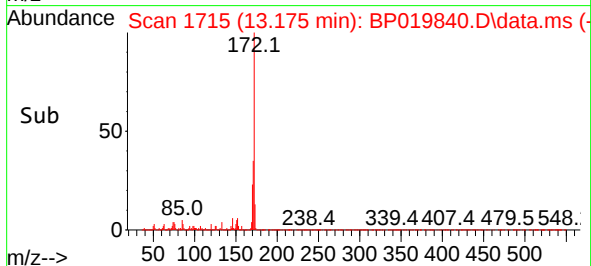
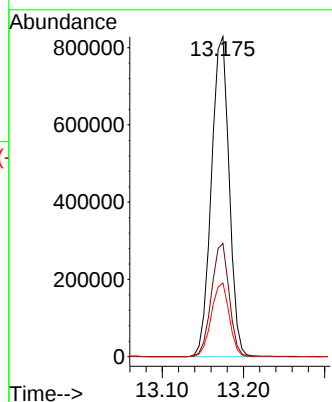
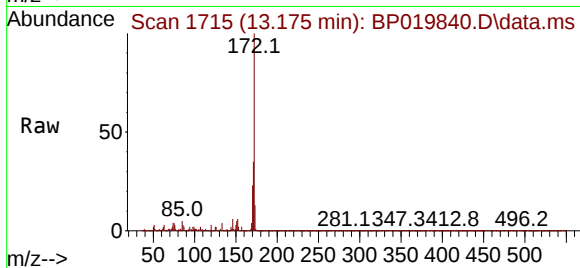
ClientSampleId :

PB159196BS

Tgt Ion:172 Resp: 126075  
Ion Ratio Lower Upper  
172 100  
171 35.4 28.2 42.4  
170 23.1 18.9 28.3

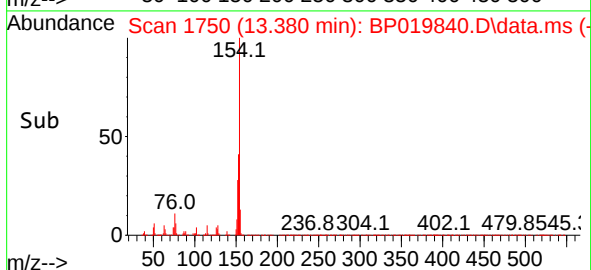
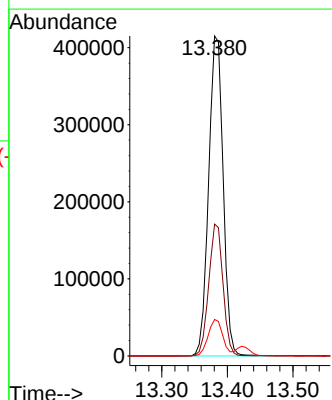
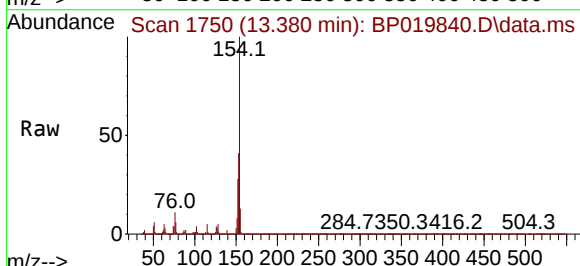
Manual Integrations  
APPROVED

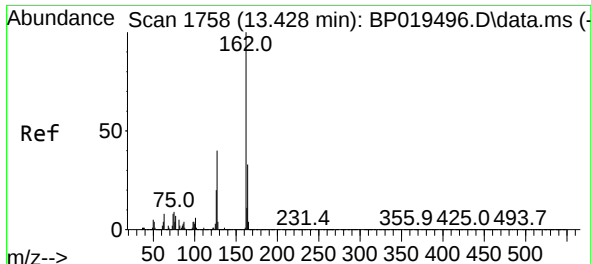
Reviewed By :Yogesh Patel 02/27/2024  
Supervised By :mohammad ahmed 02/27/2024



#46  
1,1'-Biphenyl  
Concen: 42.645 ng  
RT: 13.380 min Scan# 1750  
Delta R.T. -0.000 min  
Lab File: BP019840.D  
Acq: 23 Feb 2024 13:11

Tgt Ion:154 Resp: 639359  
Ion Ratio Lower Upper  
154 100  
153 41.2 20.2 60.2  
76 11.4 0.0 31.6





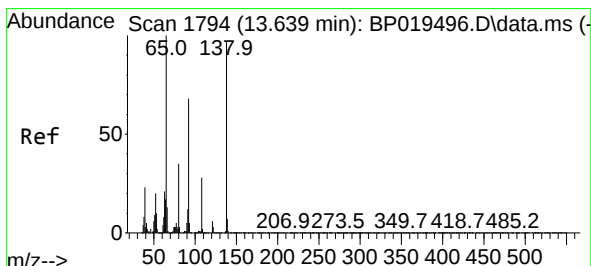
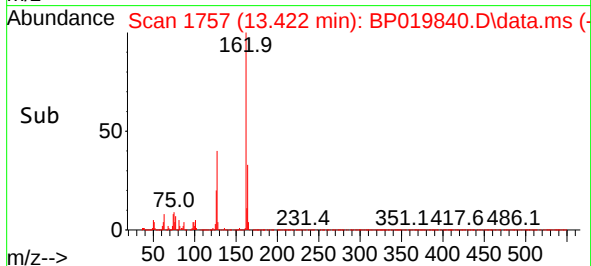
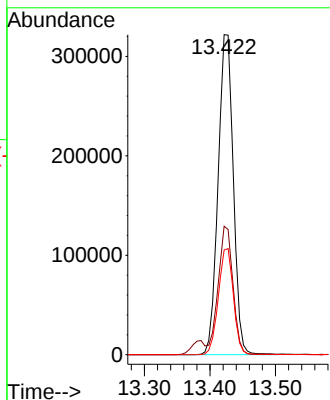
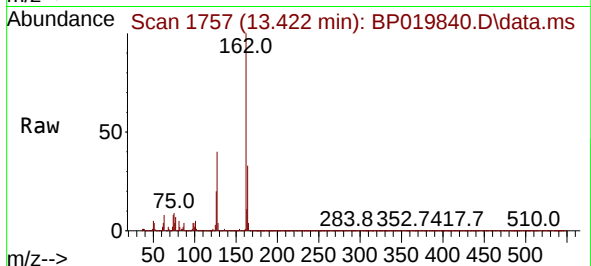
#47  
2-Chloronaphthalene  
Concen: 41.997 ng  
RT: 13.422 min Scan# 1758  
Delta R.T. -0.000 min  
Lab File: BP019840.D  
Acq: 23 Feb 2024 13:11

Instrument :  
BNA\_P  
ClientSampleId :  
PB159196BS

Tgt Ion:162 Resp: 51686  
Ion Ratio Lower Upper  
162 100  
127 40.2 32.1 48.1  
164 32.7 26.7 40.1

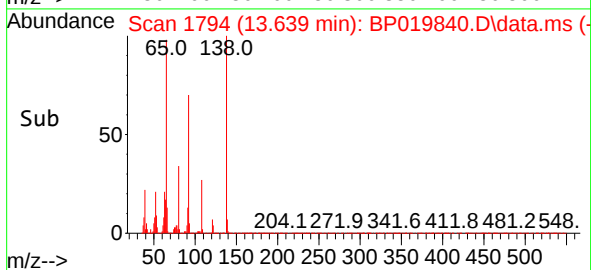
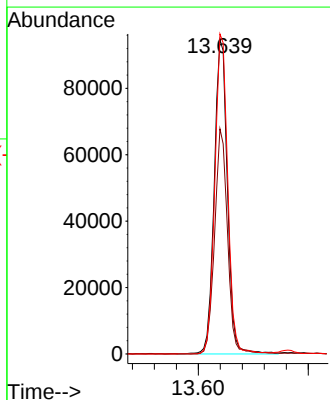
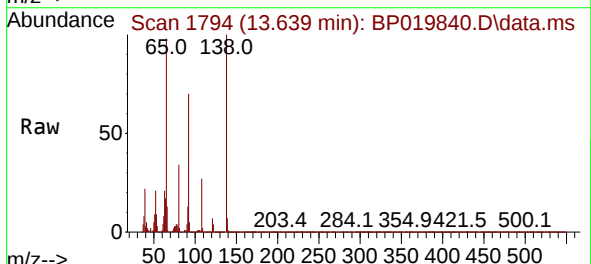
Manual Integrations  
APPROVED

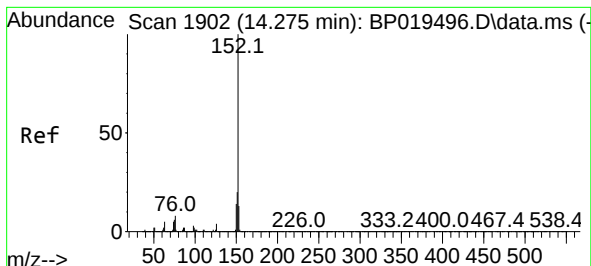
Reviewed By :Yogesh Patel 02/27/2024  
Supervised By :mohammad ahmed 02/27/2024



#48  
2-Nitroaniline  
Concen: 46.002 ng  
RT: 13.639 min Scan# 1794  
Delta R.T. -0.000 min  
Lab File: BP019840.D  
Acq: 23 Feb 2024 13:11

Tgt Ion: 65 Resp: 158309  
Ion Ratio Lower Upper  
65 100  
92 71.6 54.7 82.1  
138 101.8 77.8 116.6





#49

Acenaphthylene

Concen: 47.285 ng

RT: 14.269 min Scan# 1902

Delta R.T. -0.000 min

Lab File: BP019840.D

Acq: 23 Feb 2024 13:11

Instrument :

BNA\_P

ClientSampleId :

PB159196BS

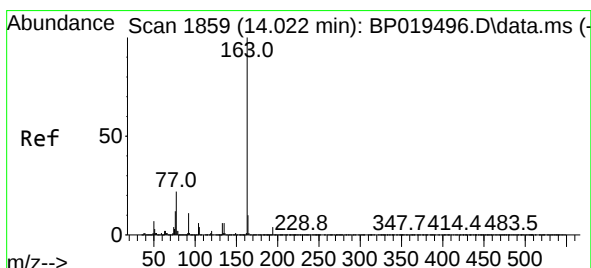
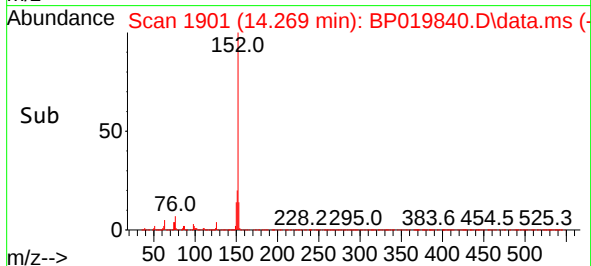
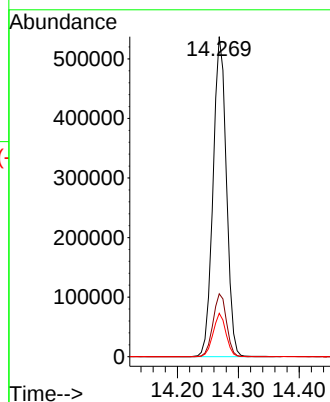
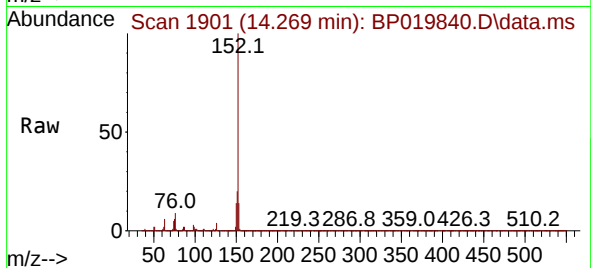
|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 152   | Resp: | 81645 |
| Ion Ratio | Lower | Upper |       |
| 152       | 100   |       |       |
| 151       | 19.6  | 15.8  | 23.6  |
| 153       | 13.6  | 10.6  | 15.8  |

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 02/27/2024

Supervised By :mohammad ahmed 02/27/2024



#50

Dimethylphthalate

Concen: 46.118 ng

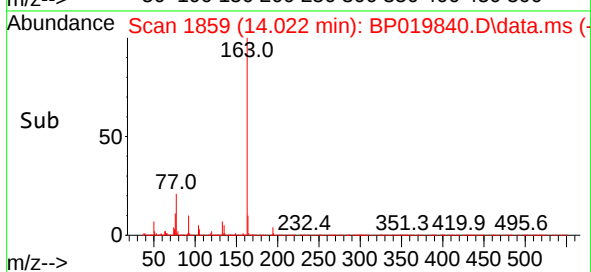
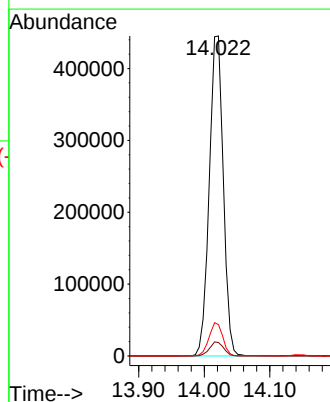
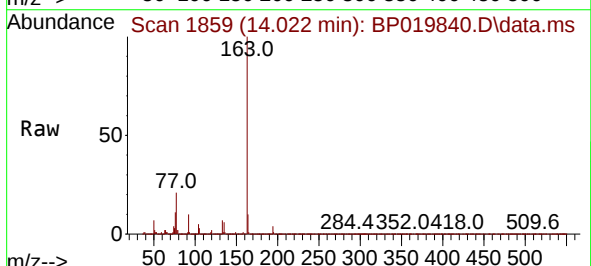
RT: 14.022 min Scan# 1859

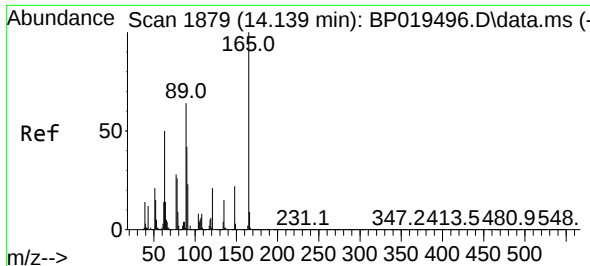
Delta R.T. 0.005 min

Lab File: BP019840.D

Acq: 23 Feb 2024 13:11

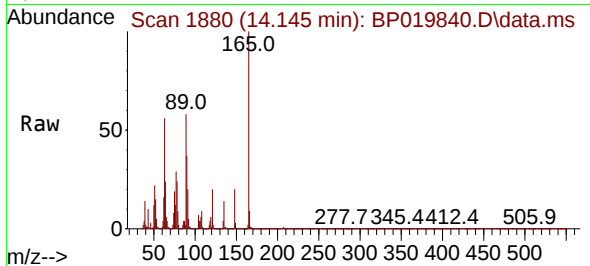
|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 163   | Resp: | 663184 |
| Ion Ratio | Lower | Upper |        |
| 163       | 100   |       |        |
| 194       | 4.2   | 3.4   | 5.2    |
| 164       | 9.8   | 7.8   | 11.6   |





#51  
2,6-Dinitrotoluene  
Concen: 46.320 ng  
RT: 14.145 min Scan# 1879  
Delta R.T. 0.005 min  
Lab File: BP019840.D  
Acq: 23 Feb 2024 13:11

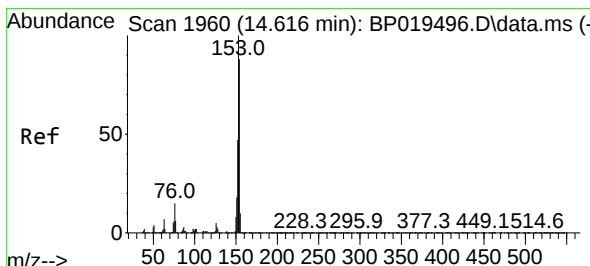
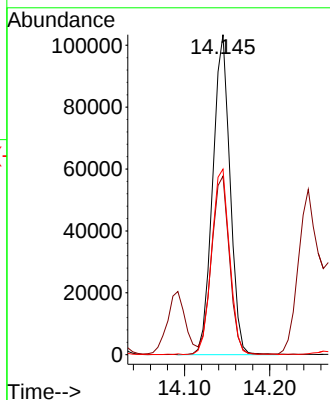
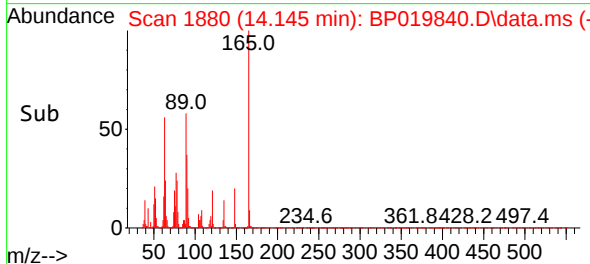
Instrument :  
BNA\_P  
ClientSampleId :  
PB159196BS



Tgt Ion:165 Resp: 146340  
Ion Ratio Lower Upper  
165 100  
63 55.8 50.4 75.6  
89 58.0 51.7 77.5

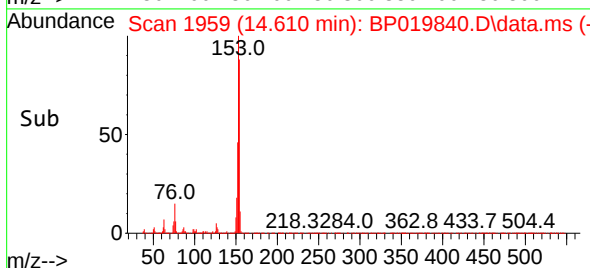
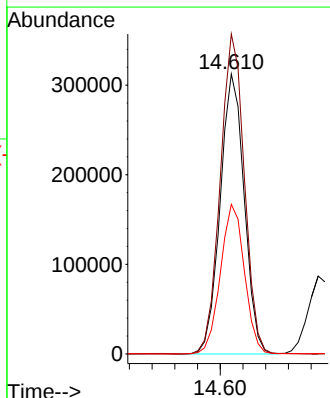
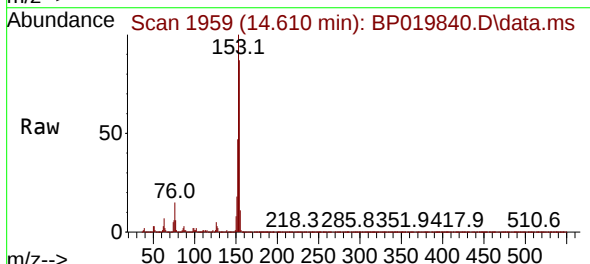
Manual Integrations  
APPROVED

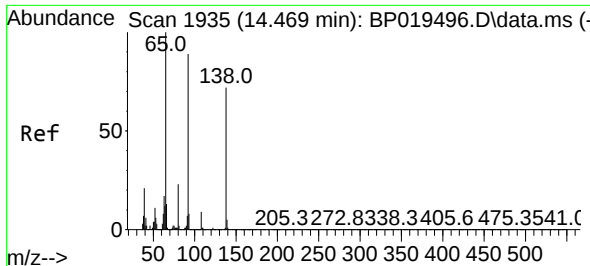
Reviewed By :Yogesh Patel 02/27/2024  
Supervised By :mohammad ahmed 02/27/2024



#52  
Acenaphthene  
Concen: 42.833 ng  
RT: 14.610 min Scan# 1959  
Delta R.T. -0.000 min  
Lab File: BP019840.D  
Acq: 23 Feb 2024 13:11

Tgt Ion:154 Resp: 459025  
Ion Ratio Lower Upper  
154 100  
153 114.3 90.5 135.7  
152 53.5 42.1 63.1





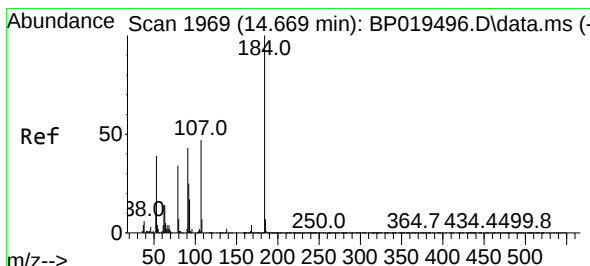
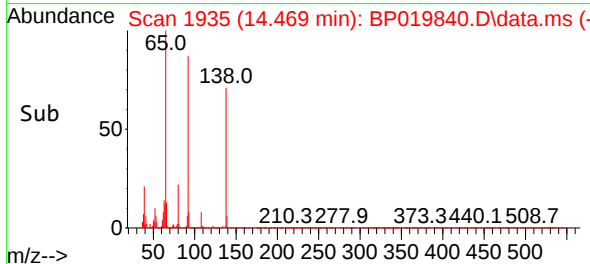
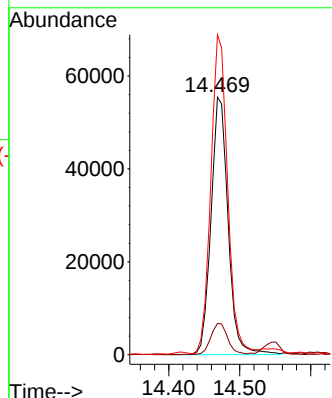
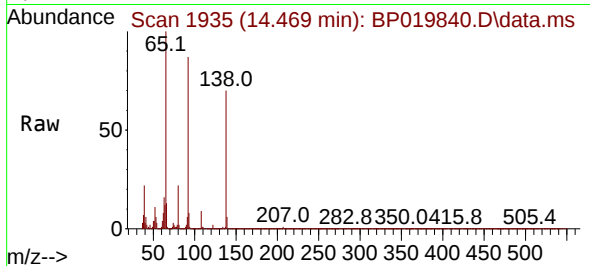
#53  
3-Nitroaniline  
Concen: 31.904 ng  
RT: 14.469 min Scan# 1935  
Delta R.T. -0.000 min  
Lab File: BP019840.D  
Acq: 23 Feb 2024 13:11

Instrument :  
BNA\_P  
ClientSampleId :  
PB159196BS

Tgt Ion:138 Resp: 9263  
Ion Ratio Lower Upper  
138 100  
108 12.1 9.7 14.5  
92 124.2 98.0 147.0

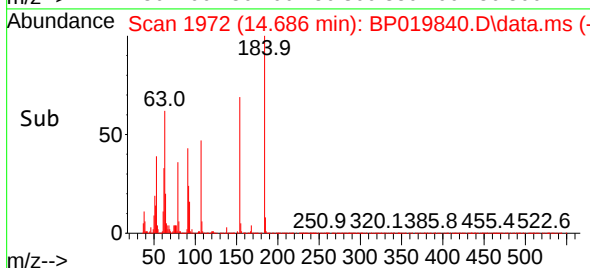
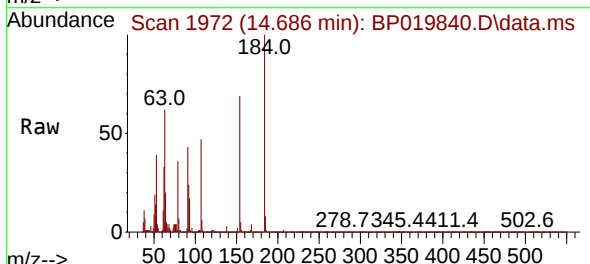
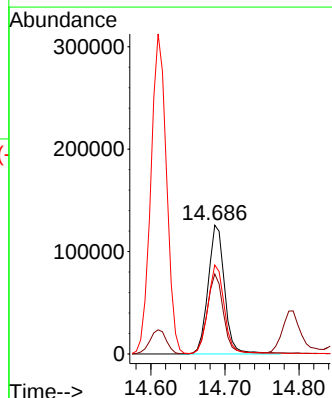
Manual Integrations  
APPROVED

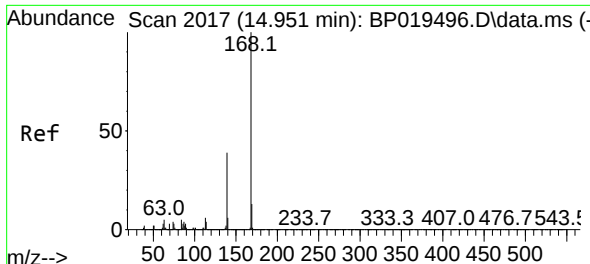
Reviewed By :Yogesh Patel 02/27/2024  
Supervised By :mohammad ahmed 02/27/2024



#54  
2,4-Dinitrophenol  
Concen: 118.781 ng  
RT: 14.686 min Scan# 1972  
Delta R.T. -0.000 min  
Lab File: BP019840.D  
Acq: 23 Feb 2024 13:11

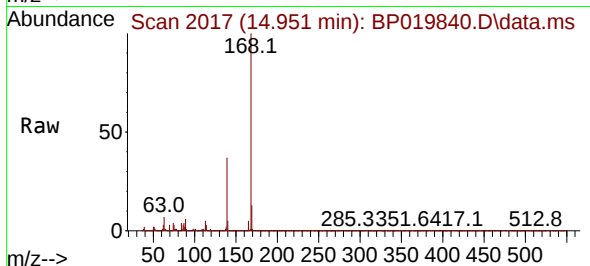
Tgt Ion:184 Resp: 194850  
Ion Ratio Lower Upper  
184 100  
63 62.0 50.5 75.7  
154 69.1 53.4 80.0





#55  
Dibenzenofuran  
Concen: 45.258 ng  
RT: 14.951 min Scan# 2017  
Delta R.T. 0.005 min  
Lab File: BP019840.D  
Acq: 23 Feb 2024 13:11

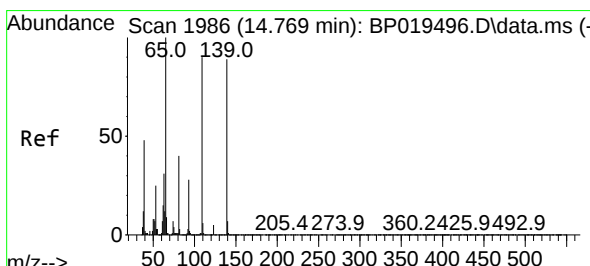
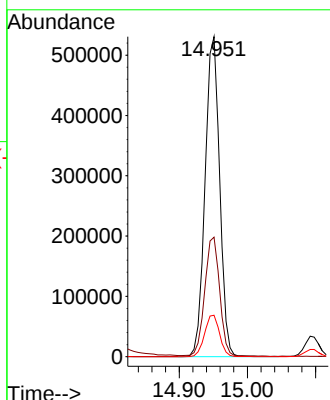
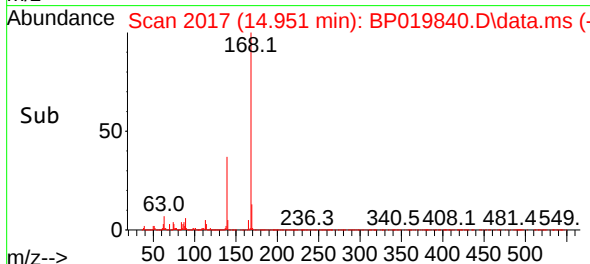
Instrument :  
BNA\_P  
ClientSampleId :  
PB159196BS



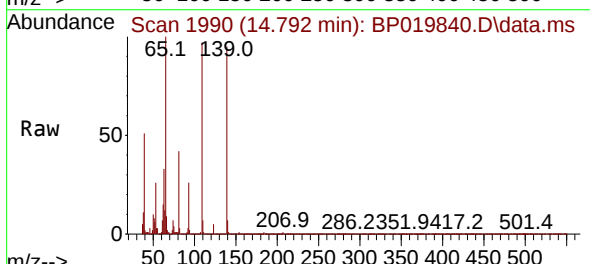
Tgt Ion:168 Resp: 78994  
Ion Ratio Lower Upper  
168 100  
139 37.3 31.5 47.3  
169 13.0 10.3 15.5

Manual Integrations  
APPROVED

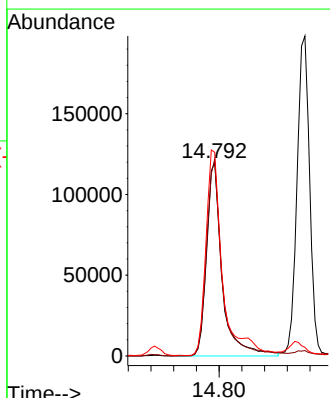
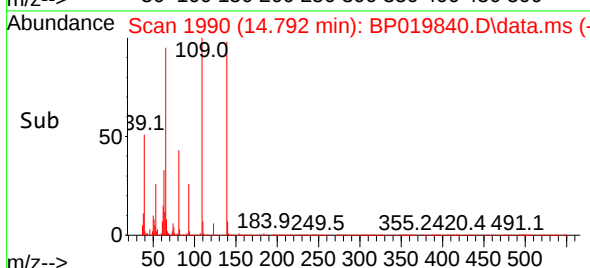
Reviewed By :Yogesh Patel 02/27/2024  
Supervised By :mohammad ahmed 02/27/2024

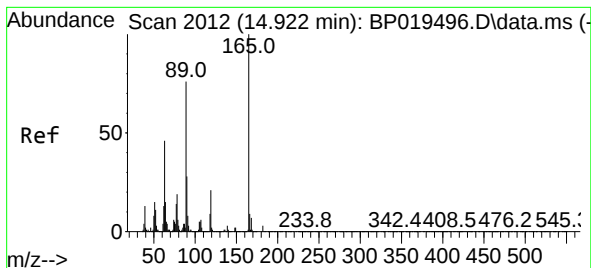


#56  
4-Nitrophenol  
Concen: 95.378 ng  
RT: 14.792 min Scan# 1990  
Delta R.T. -0.000 min  
Lab File: BP019840.D  
Acq: 23 Feb 2024 13:11



Tgt Ion:139 Resp: 226984  
Ion Ratio Lower Upper  
139 100  
109 101.8 82.0 122.0  
65 105.4 92.9 132.9





#57  
2,4-Dinitrotoluene  
Concen: 50.631 ng  
RT: 14.933 min Scan# 2014  
Delta R.T. -0.000 min  
Lab File: BP019840.D  
Acq: 23 Feb 2024 13:11

Instrument :

BNA\_P

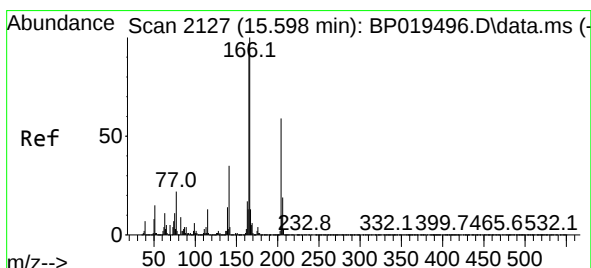
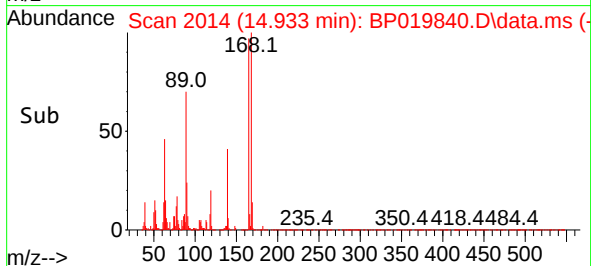
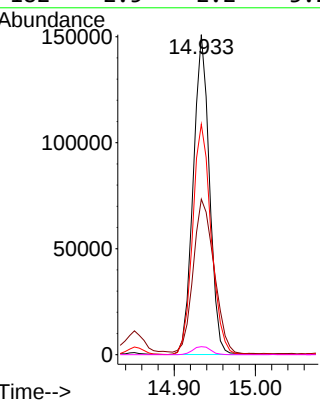
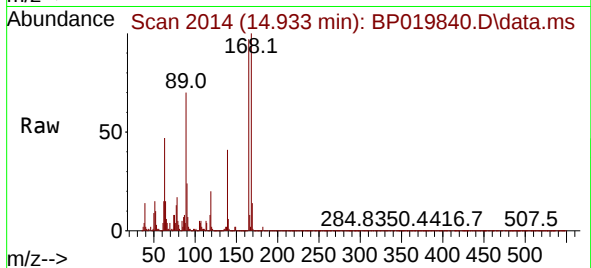
ClientSampleId :

PB159196BS

Tgt Ion:165 Resp: 20962  
Ion Ratio Lower Upper  
165 100  
63 48.6 36.9 55.3  
89 72.0 61.1 91.7  
182 2.5 2.2 3.2

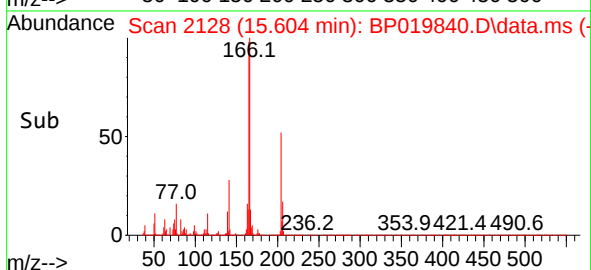
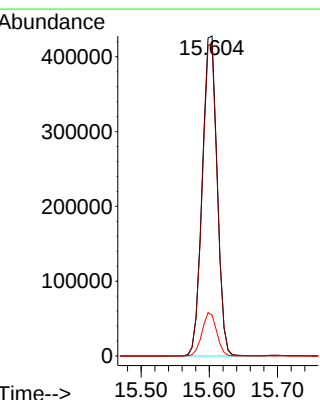
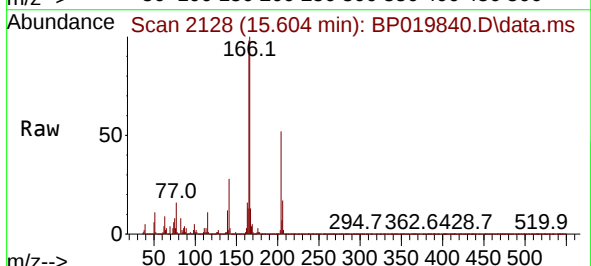
Manual Integrations  
APPROVED

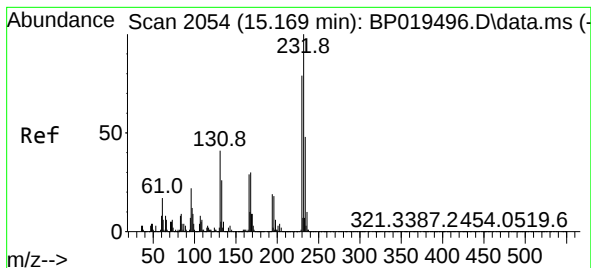
Reviewed By :Yogesh Patel 02/27/2024  
Supervised By :mohammad ahmed 02/27/2024



#58  
Fluorene  
Concen: 46.797 ng  
RT: 15.604 min Scan# 2128  
Delta R.T. -0.000 min  
Lab File: BP019840.D  
Acq: 23 Feb 2024 13:11

Tgt Ion:166 Resp: 650562  
Ion Ratio Lower Upper  
166 100  
165 97.8 77.8 116.8  
167 12.8 10.7 16.1





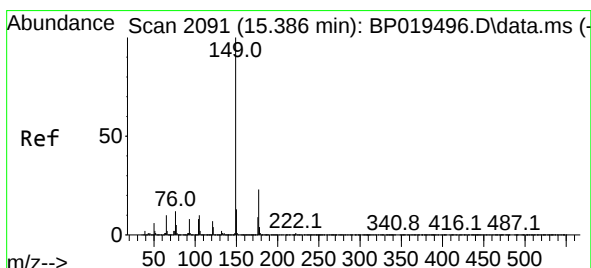
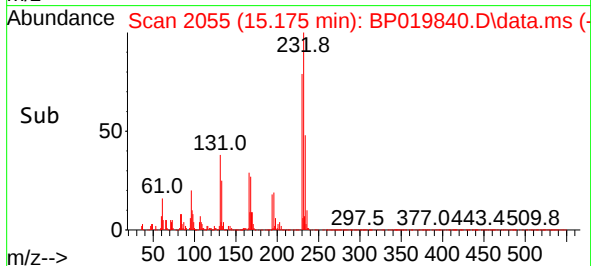
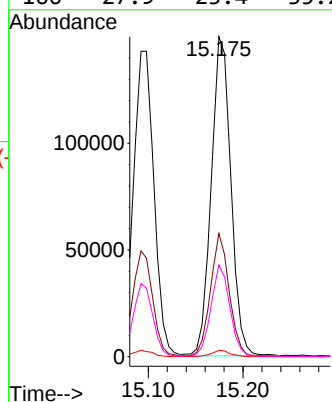
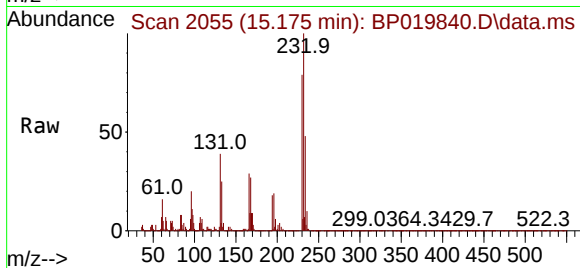
#59  
2,3,4,6-Tetrachlorophenol  
Concen: 53.224 ng  
RT: 15.175 min Scan# 2055  
Delta R.T. -0.000 min  
Lab File: BP019840.D  
Acq: 23 Feb 2024 13:11

Instrument :  
BNA\_P  
ClientSampleId :  
PB159196BS

Tgt Ion:232 Resp: 21565  
Ion Ratio Lower Upper  
232 100  
131 36.6 32.4 48.6  
130 1.9 1.9 2.9  
166 27.9 23.4 35.2

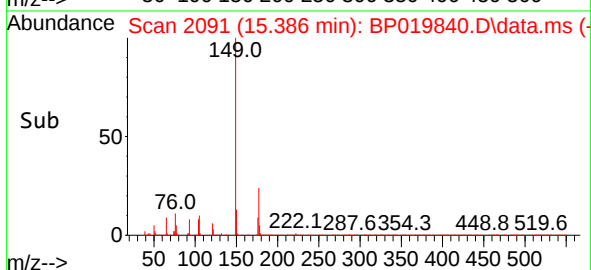
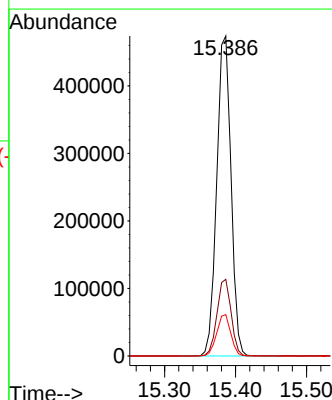
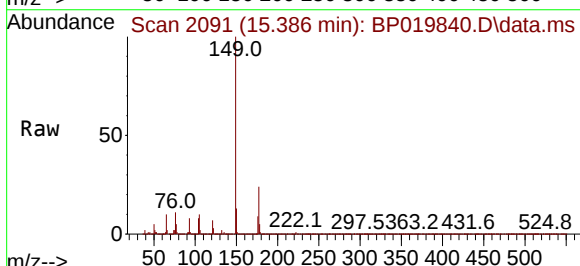
Manual Integrations  
APPROVED

Reviewed By :Yogesh Patel 02/27/2024  
Supervised By :mohammad ahmed 02/27/2024



#60  
Diethylphthalate  
Concen: 46.063 ng  
RT: 15.386 min Scan# 2091  
Delta R.T. 0.005 min  
Lab File: BP019840.D  
Acq: 23 Feb 2024 13:11

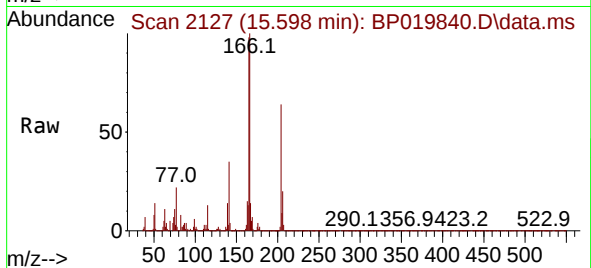
Tgt Ion:149 Resp: 658860  
Ion Ratio Lower Upper  
149 100  
177 23.9 18.2 27.2  
150 12.9 10.2 15.4





#61  
4-Chlorophenyl-phenylether  
Concen: 47.080 ng  
RT: 15.598 min Scan# 2127  
Delta R.T. -0.000 min  
Lab File: BP019840.D  
Acq: 23 Feb 2024 13:11

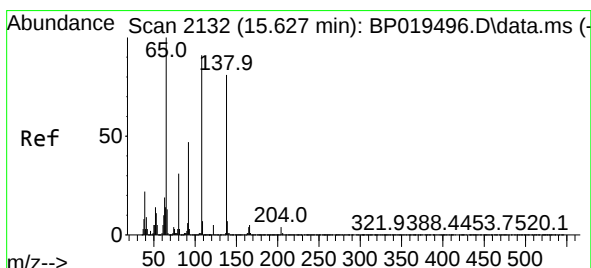
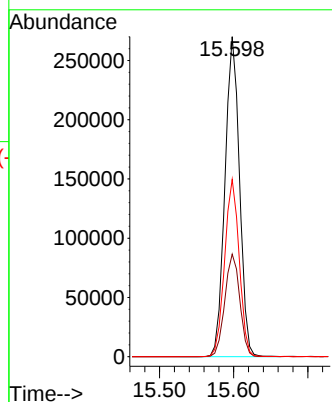
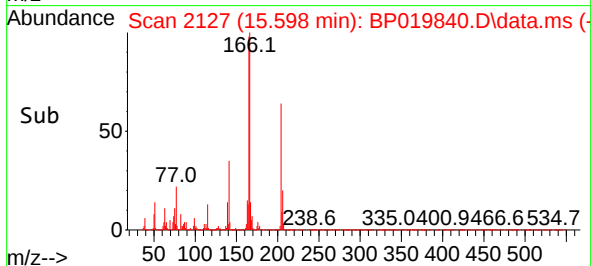
Instrument :  
BNA\_P  
ClientSampleId :  
PB159196BS



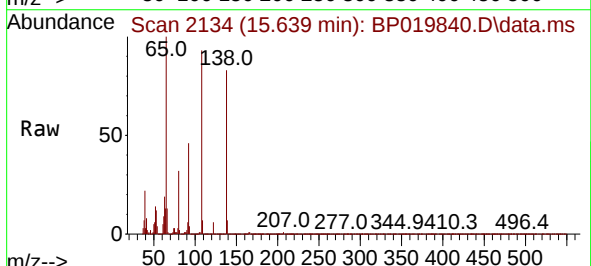
Tgt Ion:204 Resp: 367860  
Ion Ratio Lower Upper  
204 100  
206 32.0 26.5 39.7  
141 55.4 48.5 72.7

Manual Integrations  
APPROVED

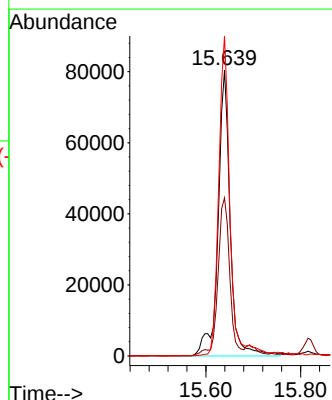
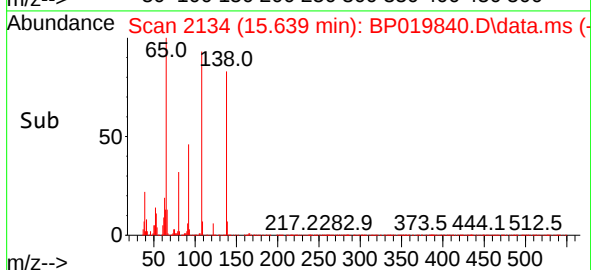
Reviewed By :Yogesh Patel 02/27/2024  
Supervised By :mohammad ahmed 02/27/2024

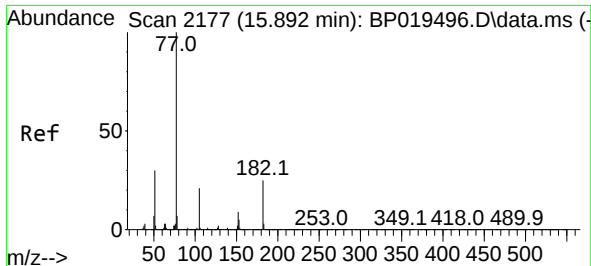


#62  
4-Nitroaniline  
Concen: 46.651 ng  
RT: 15.639 min Scan# 2134  
Delta R.T. -0.000 min  
Lab File: BP019840.D  
Acq: 23 Feb 2024 13:11



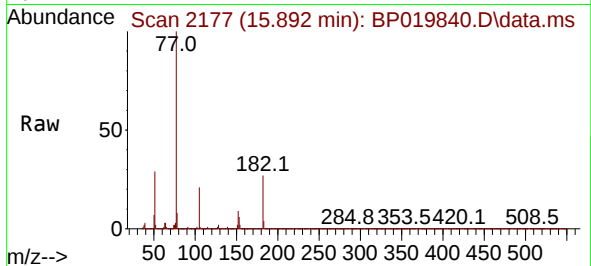
Tgt Ion:138 Resp: 141979  
Ion Ratio Lower Upper  
138 100  
92 55.3 38.3 78.3  
108 112.0 91.2 131.2





#63  
Azobenzene  
Concen: 43.866 ng  
RT: 15.892 min Scan# 2177  
Delta R.T. -0.000 min  
Lab File: BP019840.D  
Acq: 23 Feb 2024 13:11

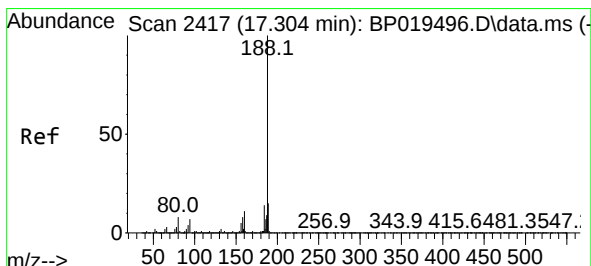
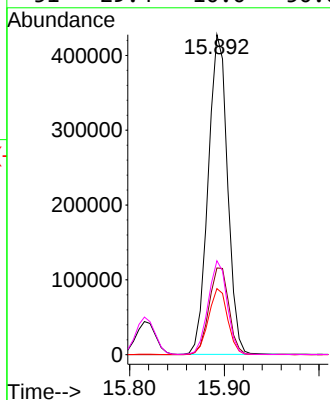
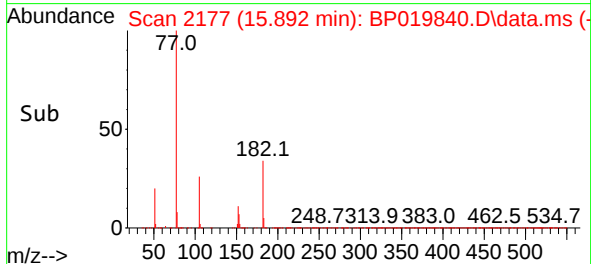
Instrument :  
BNA\_P  
ClientSampleId :  
PB159196BS



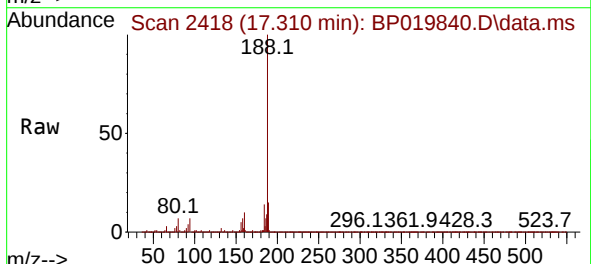
Tgt Ion: 77 Resp: 606734  
Ion Ratio Lower Upper  
77 100  
182 27.1 5.1 45.1  
105 20.7 0.8 40.8  
51 29.4 10.0 50.0

Manual Integrations  
APPROVED

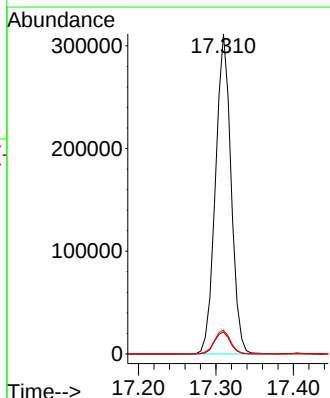
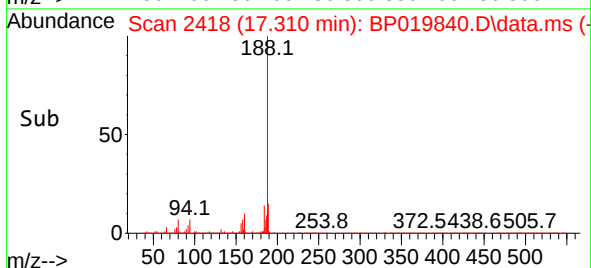
Reviewed By :Yogesh Patel 02/27/2024  
Supervised By :mohammad ahmed 02/27/2024

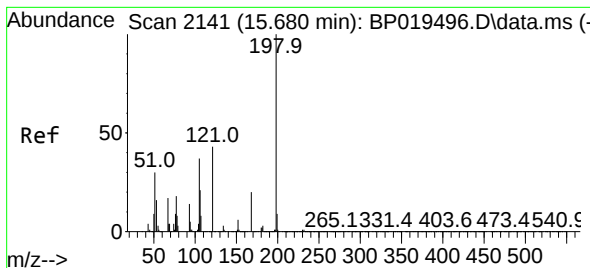


#64  
Phenanthrene-d10  
Concen: 20.000 ng  
RT: 17.310 min Scan# 2418  
Delta R.T. -0.000 min  
Lab File: BP019840.D  
Acq: 23 Feb 2024 13:11



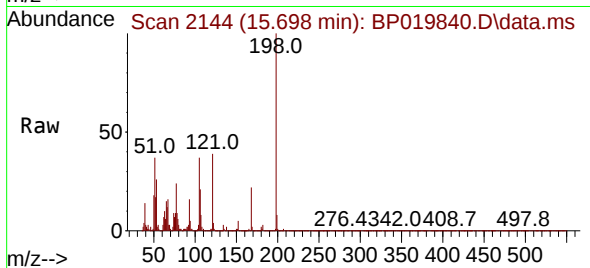
Tgt Ion:188 Resp: 434806  
Ion Ratio Lower Upper  
188 100  
94 6.9 5.4 8.2  
80 7.4 6.3 9.5





#65  
4,6-Dinitro-2-methylphenol  
Concen: 54.521 ng  
RT: 15.698 min Scan# 2144  
Delta R.T. -0.000 min  
Lab File: BP019840.D  
Acq: 23 Feb 2024 13:11

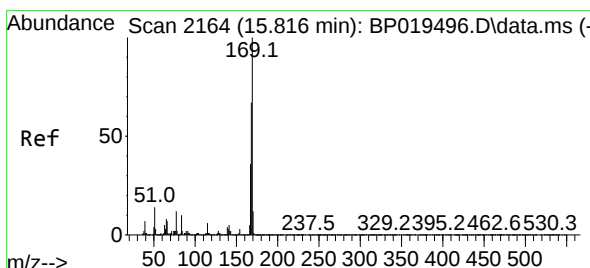
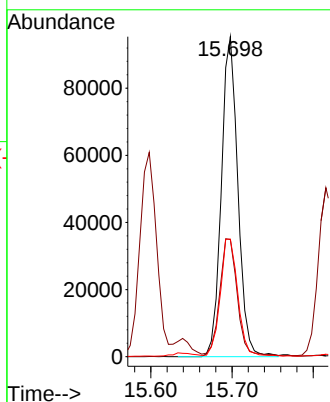
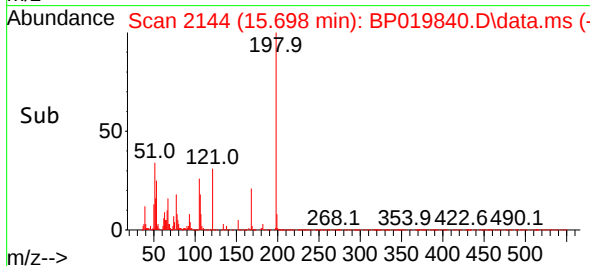
Instrument :  
BNA\_P  
ClientSampleId :  
PB159196BS



Tgt Ion:198 Resp: 13517  
Ion Ratio Lower Upper  
198 100  
51 36.6 21.2 61.2  
105 36.8 19.1 59.1

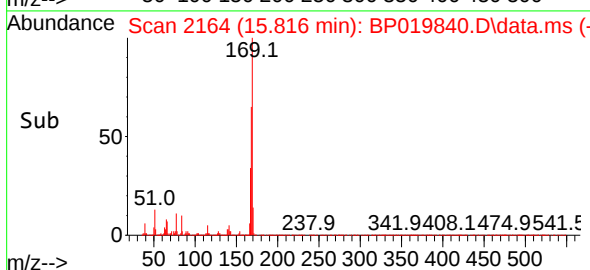
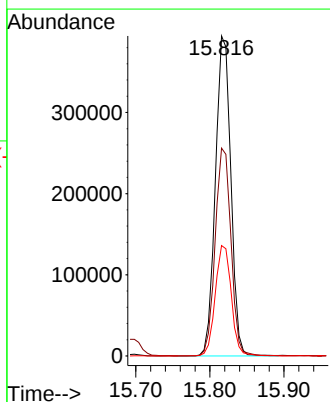
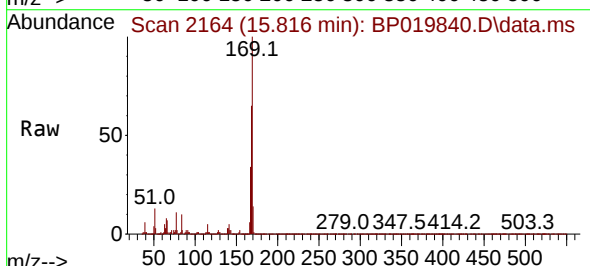
Manual Integrations  
APPROVED

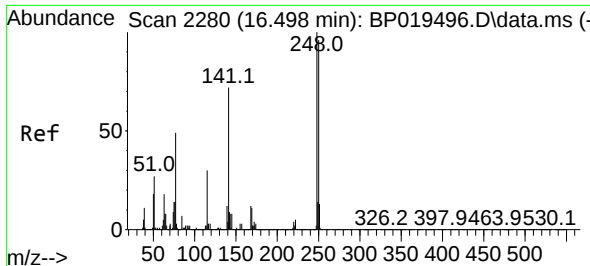
Reviewed By :Yogesh Patel 02/27/2024  
Supervised By :mohammad ahmed 02/27/2024



#66  
n-Nitrosodiphenylamine  
Concen: 43.801 ng  
RT: 15.816 min Scan# 2164  
Delta R.T. -0.006 min  
Lab File: BP019840.D  
Acq: 23 Feb 2024 13:11

Tgt Ion:169 Resp: 570380  
Ion Ratio Lower Upper  
169 100  
168 65.0 53.4 80.2  
167 34.5 28.9 43.3





#67  
4-Bromophenyl-phenylether  
Concen: 44.711 ng  
RT: 16.498 min Scan# 21  
Delta R.T. -0.000 min  
Lab File: BP019840.D  
Acq: 23 Feb 2024 13:11

Instrument :

BNA\_P

ClientSampleId :

PB159196BS

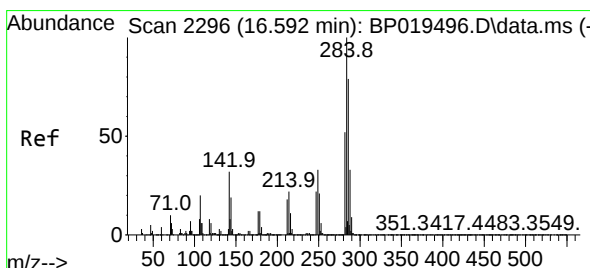
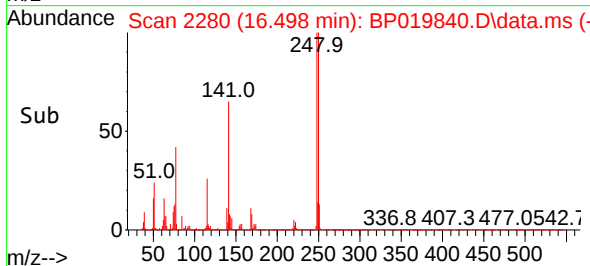
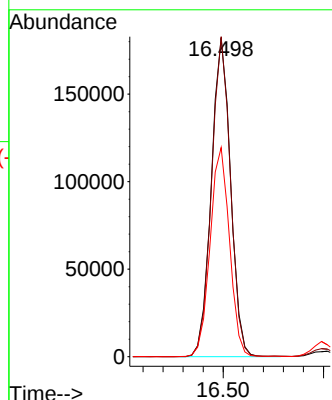
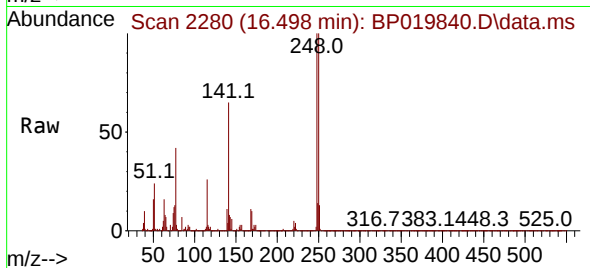
Tgt Ion:248 Resp: 243034  
Ion Ratio Lower Upper  
248 100  
250 100.5 76.9 115.3  
141 65.7 58.0 87.0

Manual Integrations

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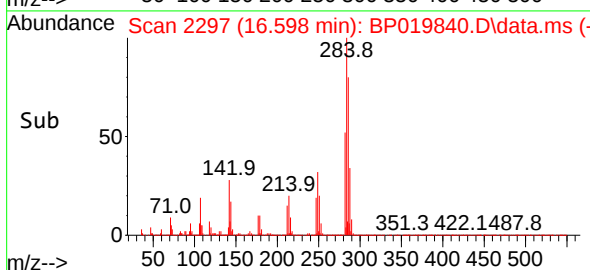
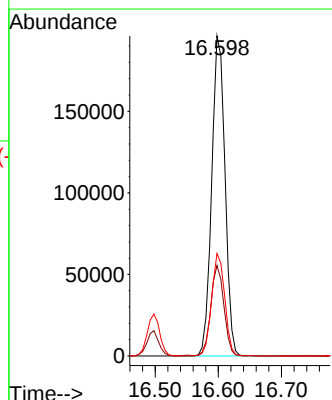
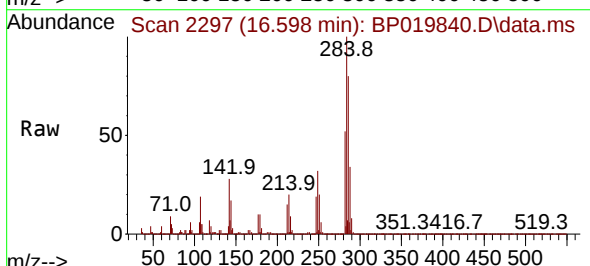
Reviewed By :Yogesh Patel 02/27/2024

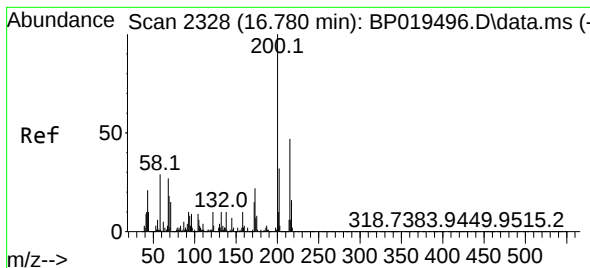
Supervised By :mohammad ahmed 02/27/2024



#68  
Hexachlorobenzene  
Concen: 45.168 ng  
RT: 16.598 min Scan# 2297  
Delta R.T. -0.006 min  
Lab File: BP019840.D  
Acq: 23 Feb 2024 13:11

Tgt Ion:284 Resp: 286706  
Ion Ratio Lower Upper  
284 100  
142 28.2 25.4 38.2  
249 32.0 26.5 39.7





#69

Atrazine

Concen: 49.802 ng

RT: 16.786 min Scan# 21520

Delta R.T. -0.000 min

Lab File: BP019840.D

Acq: 23 Feb 2024 13:11

Instrument :

BNA\_P

ClientSampleId :

PB159196BS

Tgt Ion:200 Resp: 21520

Ion Ratio Lower Upper

200 100

173 23.8 1.7 41.7

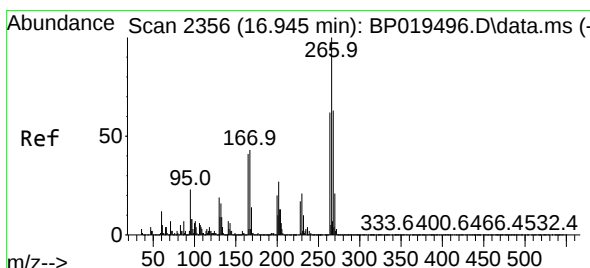
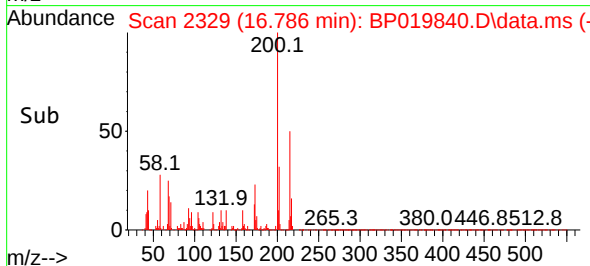
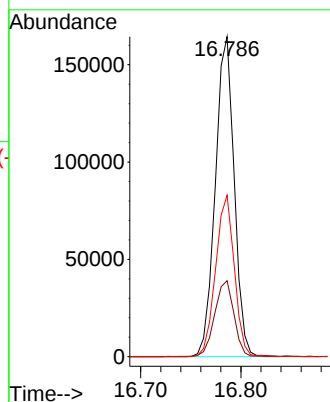
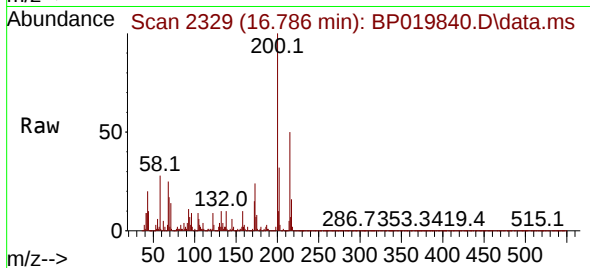
215 50.4 26.9 66.9

Manual Integrations

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Reviewed By :Yogesh Patel 02/27/2024

Supervised By :mohammad ahmed 02/27/2024



#70

Pentachlorophenol

Concen: 96.242 ng

RT: 16.957 min Scan# 2358

Delta R.T. -0.000 min

Lab File: BP019840.D

Acq: 23 Feb 2024 13:11

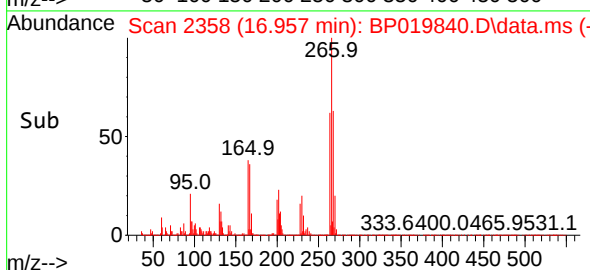
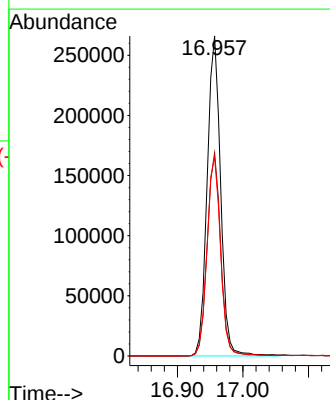
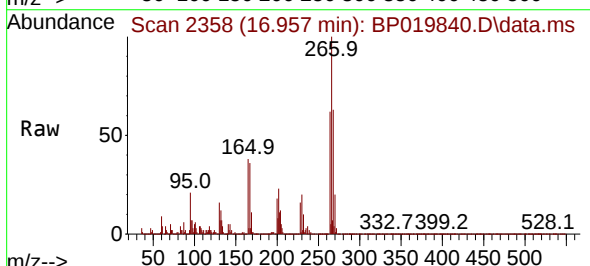
Tgt Ion:266 Resp: 380437

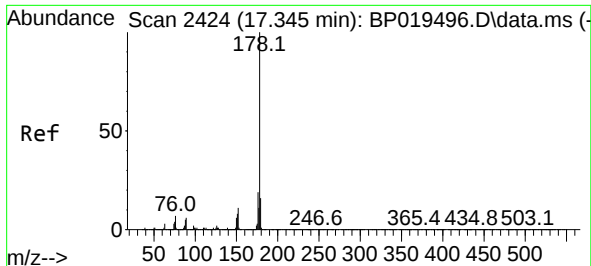
Ion Ratio Lower Upper

266 100

268 63.4 50.3 75.5

264 62.2 49.7 74.5





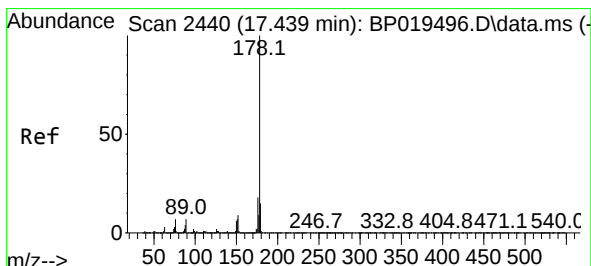
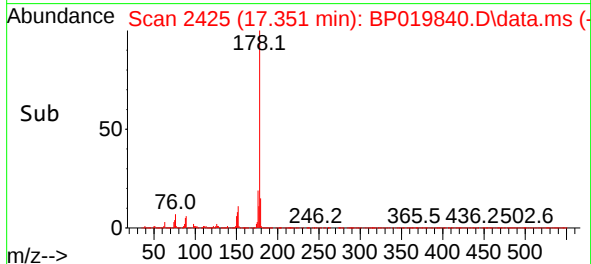
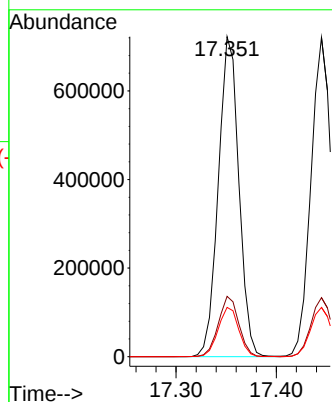
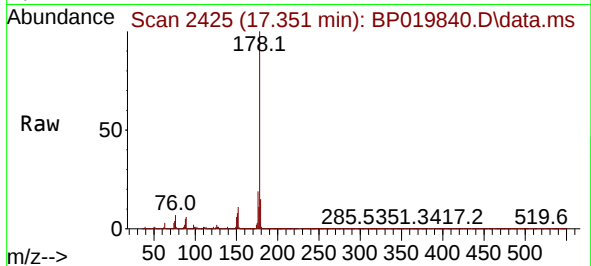
#71  
Phenanthrene  
Concen: 44.800 ng  
RT: 17.351 min Scan# 2425  
Delta R.T. -0.006 min  
Lab File: BP019840.D  
Acq: 23 Feb 2024 13:11

Instrument :  
BNA\_P  
ClientSampleId :  
PB159196BS

Tgt Ion:178 Resp: 1025130  
Ion Ratio Lower Upper  
178 100  
176 18.8 15.5 23.3  
179 15.4 12.6 19.0

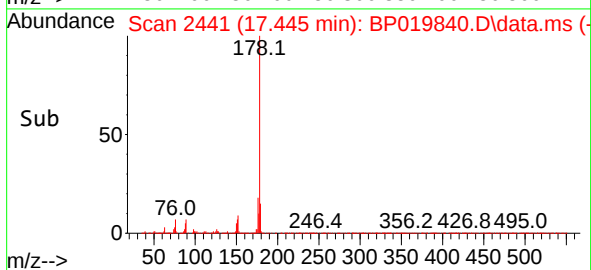
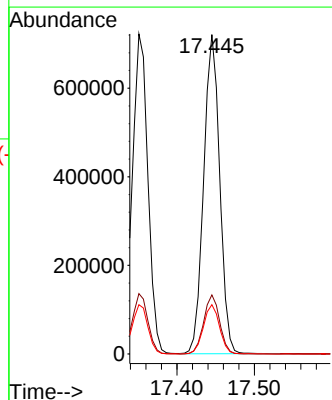
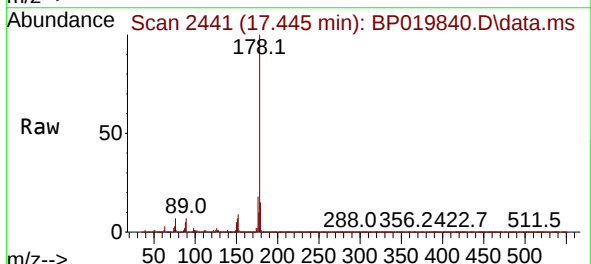
Manual Integrations  
APPROVED

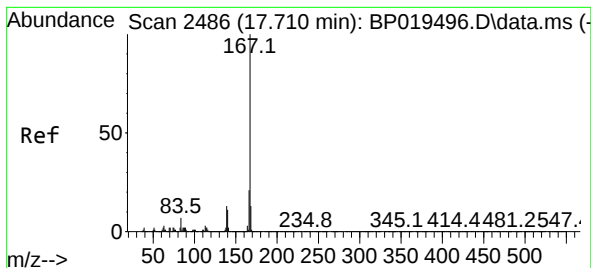
Reviewed By :Yogesh Patel 02/27/2024  
Supervised By :mohammad ahmed 02/27/2024



#72  
Anthracene  
Concen: 45.355 ng  
RT: 17.445 min Scan# 2441  
Delta R.T. -0.006 min  
Lab File: BP019840.D  
Acq: 23 Feb 2024 13:11

Tgt Ion:178 Resp: 1035291  
Ion Ratio Lower Upper  
178 100  
176 18.5 14.7 22.1  
179 15.4 12.2 18.2





#73

Carbazole

Concen: 44.716 ng

RT: 17.721 min Scan# 2486

Delta R.T. -0.006 min

Lab File: BP019840.D

Acq: 23 Feb 2024 13:11

Instrument :

BNA\_P

ClientSampleId :

PB159196BS

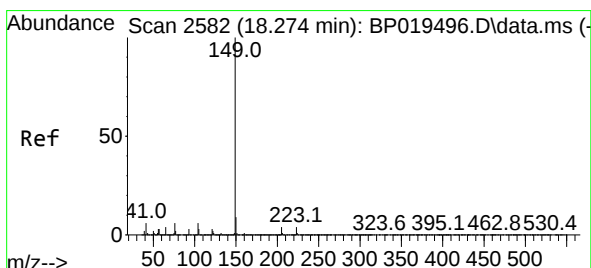
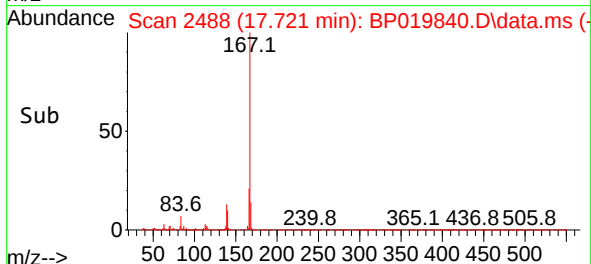
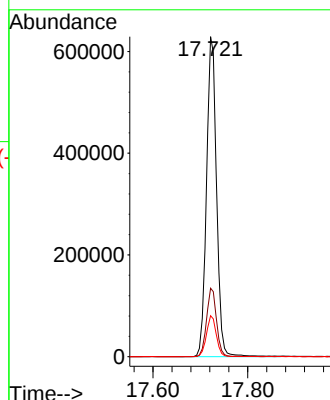
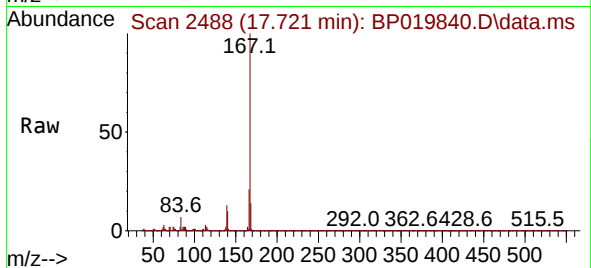
|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 167   | Resp: | 92725 |
| Ion Ratio | Lower | Upper |       |
| 167       | 100   |       |       |
| 166       | 21.4  | 17.2  | 25.8  |
| 139       | 12.8  | 10.6  | 15.8  |

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 02/27/2024

Supervised By :mohammad ahmed 02/27/2024



#74

Di-n-butylphthalate

Concen: 45.287 ng

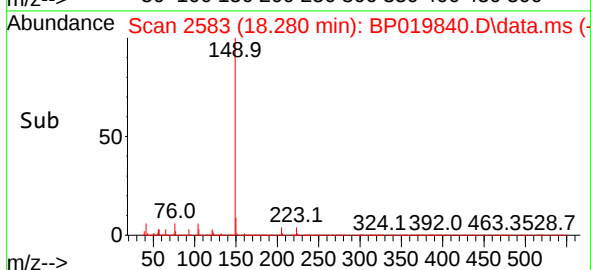
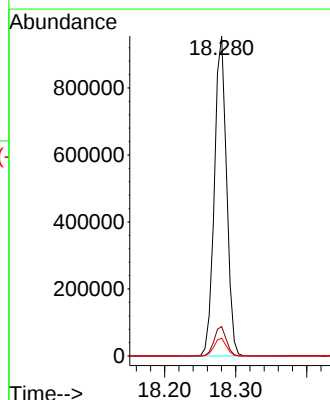
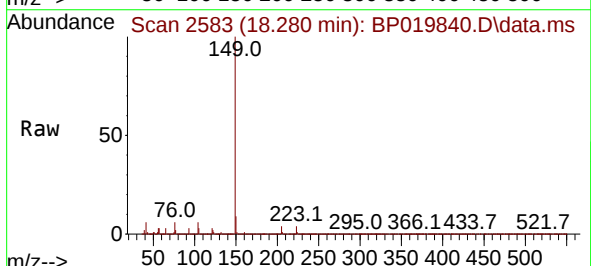
RT: 18.280 min Scan# 2583

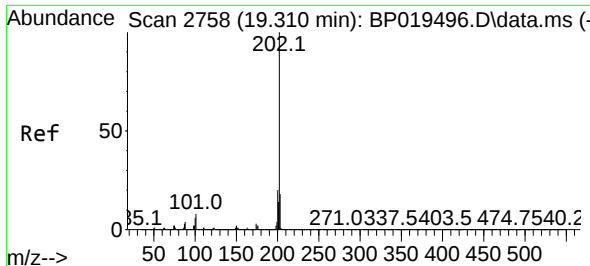
Delta R.T. -0.000 min

Lab File: BP019840.D

Acq: 23 Feb 2024 13:11

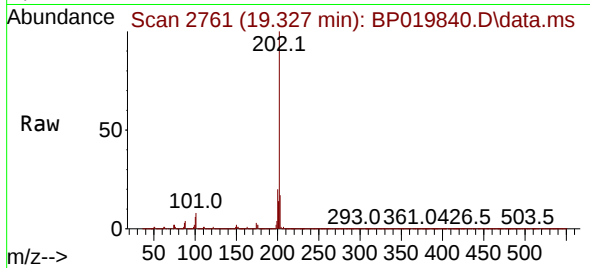
|           |       |       |         |
|-----------|-------|-------|---------|
| Tgt Ion:  | 149   | Resp: | 1135485 |
| Ion Ratio | Lower | Upper |         |
| 149       | 100   |       |         |
| 150       | 9.2   | 7.3   | 10.9    |
| 104       | 5.5   | 4.8   | 7.2     |





#75  
Fluoranthene  
Concen: 45.710 ng  
RT: 19.327 min Scan# 21  
Delta R.T. -0.006 min  
Lab File: BP019840.D  
Acq: 23 Feb 2024 13:11

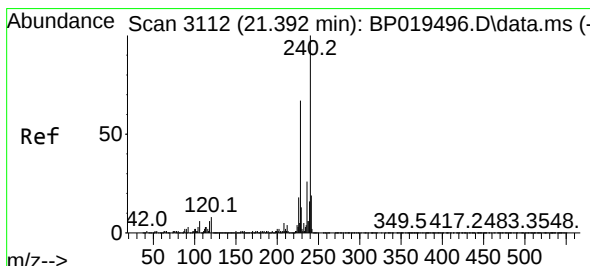
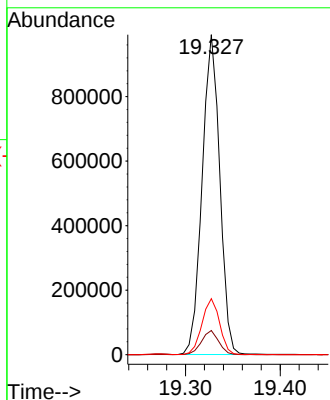
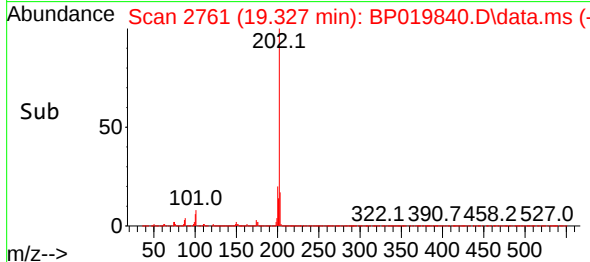
Instrument :  
BNA\_P  
ClientSampleId :  
PB159196BS



Tgt Ion:202 Resp: 127773  
Ion Ratio Lower Upper  
202 100  
101 7.6 0.0 27.7  
203 17.5 0.0 37.5

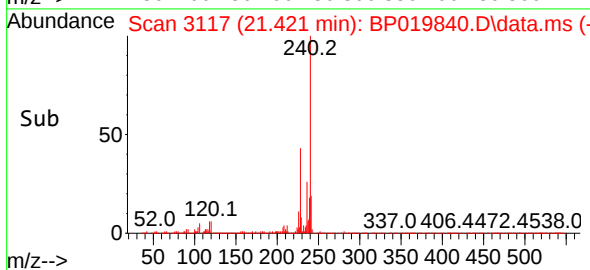
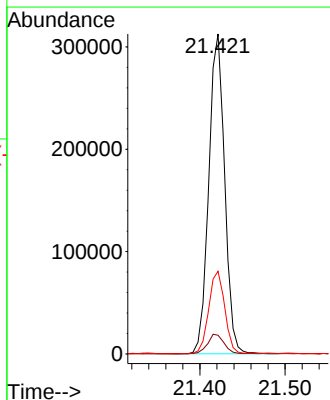
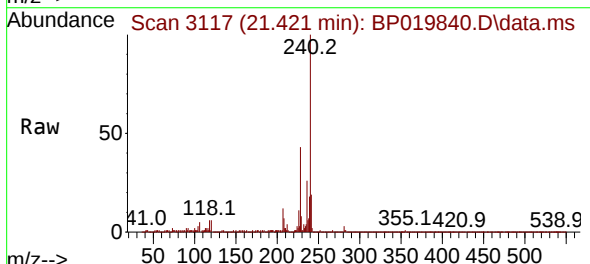
Manual Integrations  
APPROVED

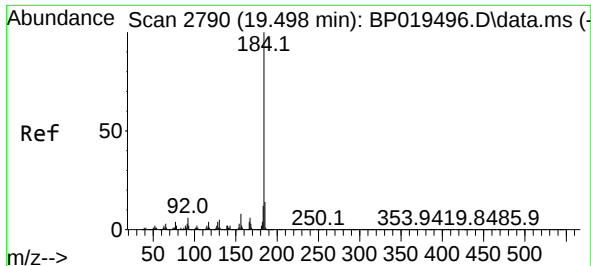
Reviewed By :Yogesh Patel 02/27/2024  
Supervised By :mohammad ahmed 02/27/2024



#76  
Chrysene-d12  
Concen: 20.000 ng  
RT: 21.421 min Scan# 3117  
Delta R.T. -0.006 min  
Lab File: BP019840.D  
Acq: 23 Feb 2024 13:11

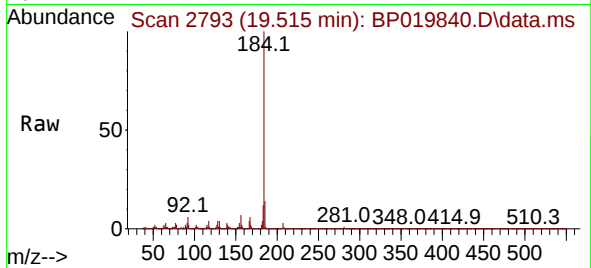
Tgt Ion:240 Resp: 406090  
Ion Ratio Lower Upper  
240 100  
120 5.9 6.1 9.1#  
236 25.9 20.7 31.1





#77  
Benzidine  
Concen: 48.427 ng  
RT: 19.515 min Scan# 21  
Delta R.T. -0.006 min  
Lab File: BP019840.D  
Acq: 23 Feb 2024 13:11

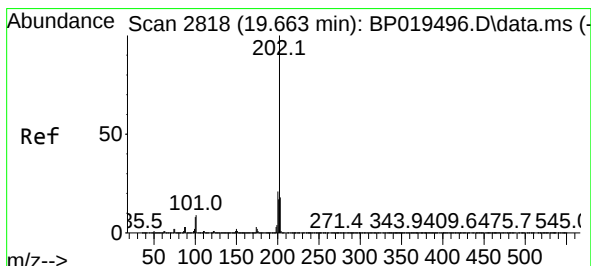
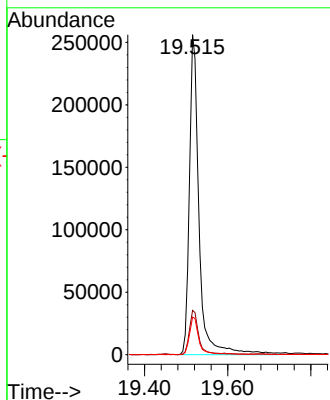
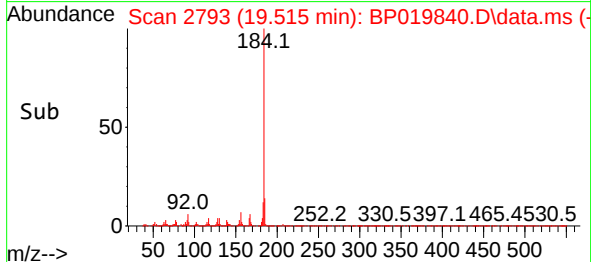
Instrument :  
BNA\_P  
ClientSampleId :  
PB159196BS



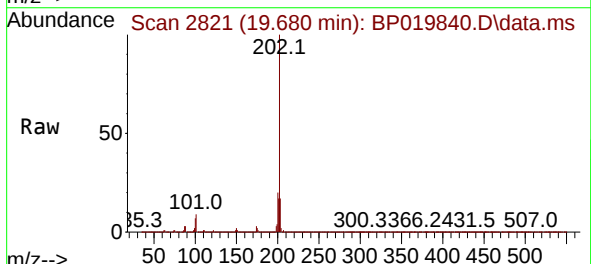
Tgt Ion:184 Resp: 411140  
Ion Ratio Lower Upper  
184 100  
185 13.9 11.1 16.7  
183 11.7 9.7 14.5

Manual Integrations  
APPROVED

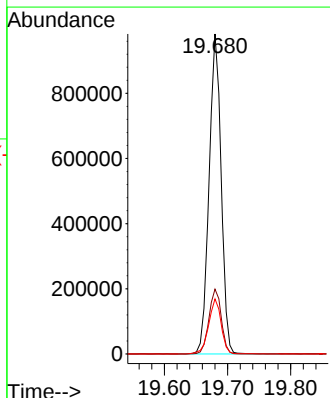
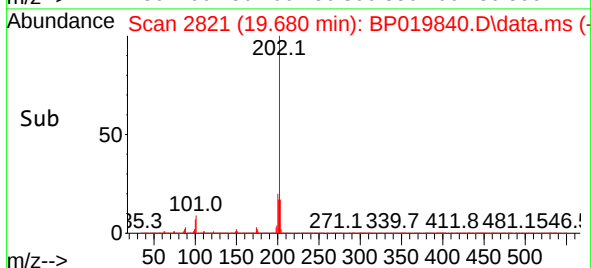
Reviewed By :Yogesh Patel 02/27/2024  
Supervised By :mohammad ahmed 02/27/2024

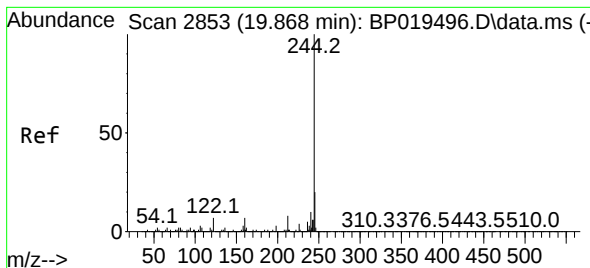


#78  
Pyrene  
Concen: 45.401 ng  
RT: 19.680 min Scan# 2821  
Delta R.T. -0.006 min  
Lab File: BP019840.D  
Acq: 23 Feb 2024 13:11



Tgt Ion:202 Resp: 1301194  
Ion Ratio Lower Upper  
202 100  
200 20.2 16.9 25.3  
203 17.2 14.2 21.2





#79

Terphenyl-d14

Concen: 93.800 ng

RT: 19.886 min Scan# 21

Delta R.T. -0.006 min

Lab File: BP019840.D

Acq: 23 Feb 2024 13:11

Instrument :

BNA\_P

ClientSampleId :

PB159196BS

Tgt Ion:244 Resp: 231622

Ion Ratio Lower Upper

244 100

212 6.8 6.1 9.1

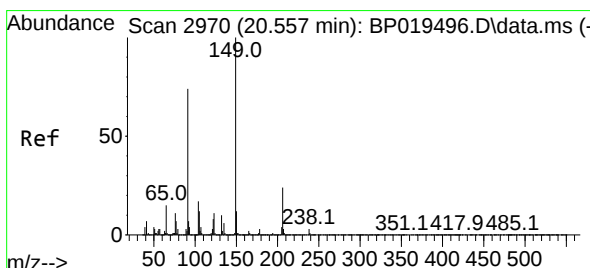
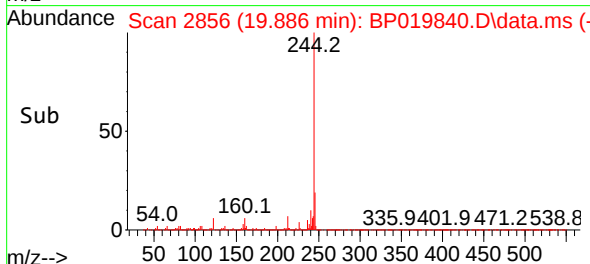
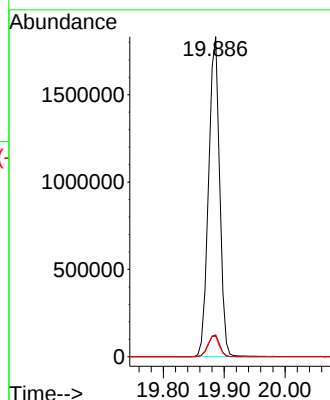
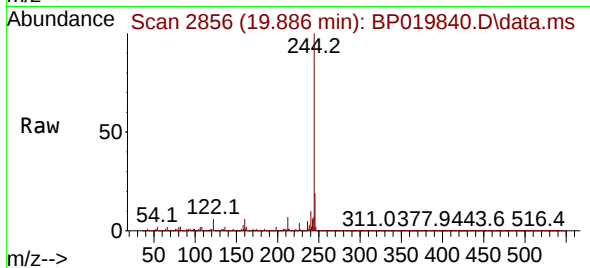
122 6.4 5.9 8.9

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 02/27/2024

Supervised By :mohammad ahmed 02/27/2024



#80

Butylbenzylphthalate

Concen: 46.822 ng

RT: 20.568 min Scan# 2972

Delta R.T. -0.006 min

Lab File: BP019840.D

Acq: 23 Feb 2024 13:11

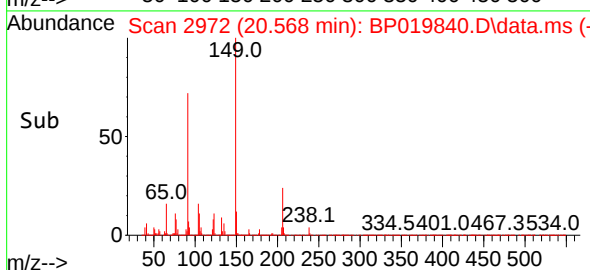
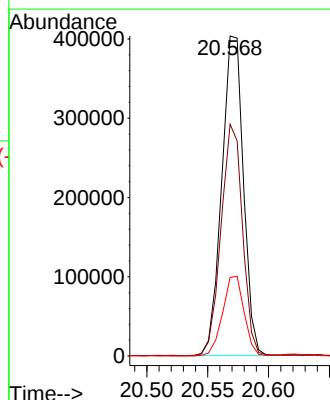
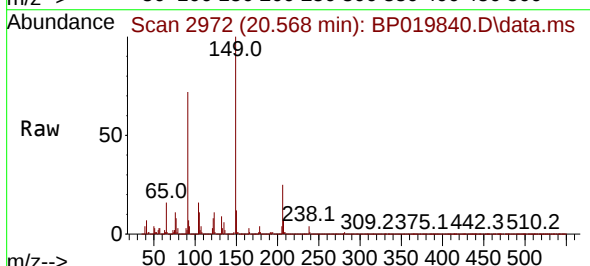
Tgt Ion:149 Resp: 501136

Ion Ratio Lower Upper

149 100

91 72.4 59.4 89.0

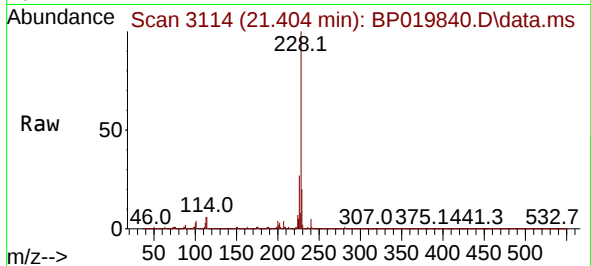
206 24.5 19.0 28.6





#81  
Benzo(a)anthracene  
Concen: 45.653 ng  
RT: 21.404 min Scan# 3110  
Delta R.T. -0.006 min  
Lab File: BP019840.D  
Acq: 23 Feb 2024 13:11

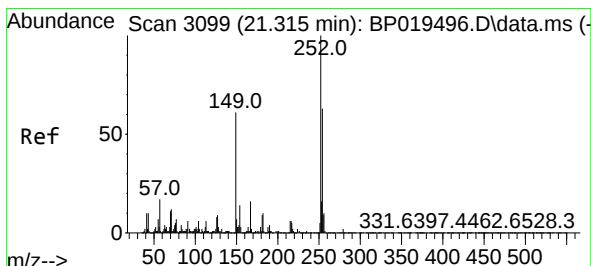
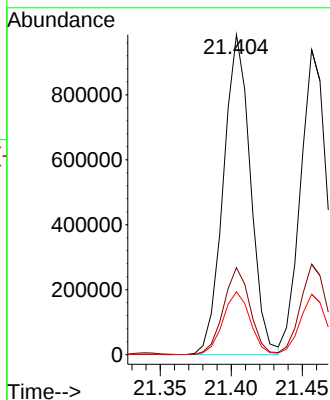
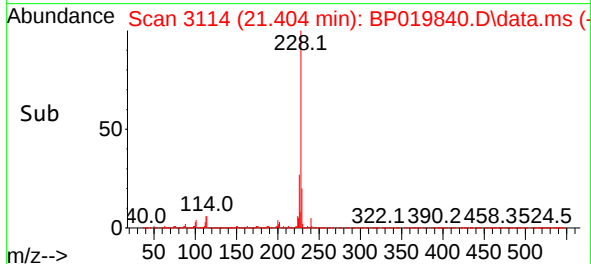
Instrument :  
BNA\_P  
ClientSampleId :  
PB159196BS



Tgt Ion:228 Resp: 130503  
Ion Ratio Lower Upper  
228 100  
226 27.2 21.7 32.5  
229 19.7 15.6 23.4

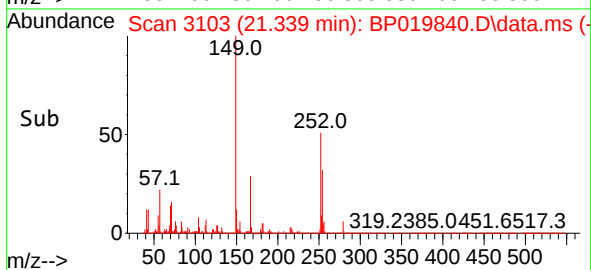
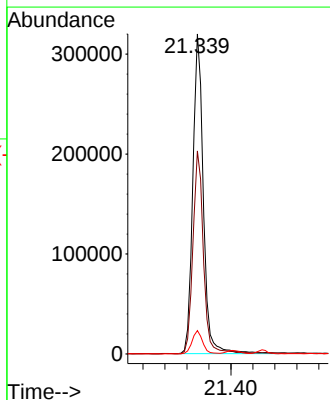
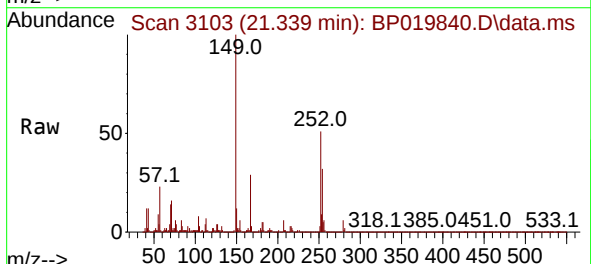
Manual Integrations  
APPROVED

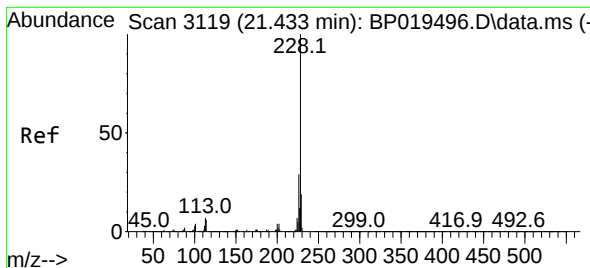
Reviewed By :Yogesh Patel 02/27/2024  
Supervised By :mohammad ahmed 02/27/2024



#82  
3,3'-Dichlorobenzidine  
Concen: 40.804 ng  
RT: 21.339 min Scan# 3103  
Delta R.T. -0.006 min  
Lab File: BP019840.D  
Acq: 23 Feb 2024 13:11

Tgt Ion:252 Resp: 425043  
Ion Ratio Lower Upper  
252 100  
254 63.5 50.7 76.1  
126 7.3 6.4 9.6





#83

Chrysene

Concen: 44.343 ng

RT: 21.457 min Scan# 3119

Delta R.T. -0.012 min

Lab File: BP019840.D

Acq: 23 Feb 2024 13:11

Instrument :

BNA\_P

ClientSampleId :

PB159196BS

Tgt Ion:228 Resp: 120346

Ion Ratio Lower Upper

228 100

226 29.7 23.4 35.2

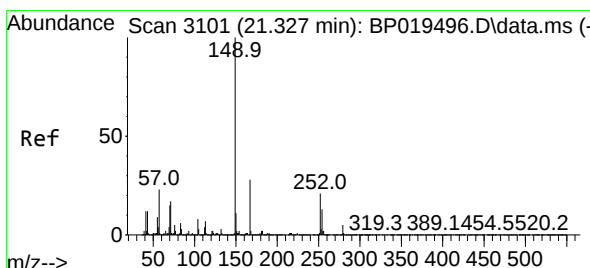
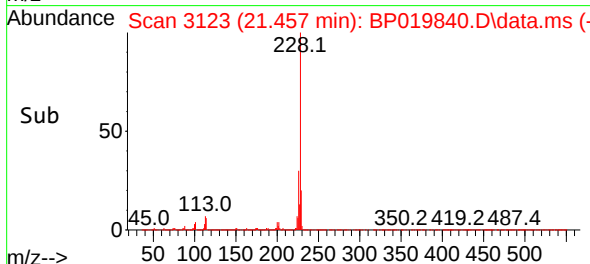
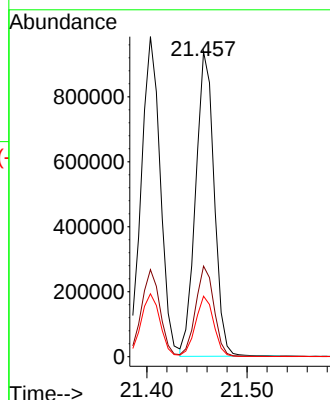
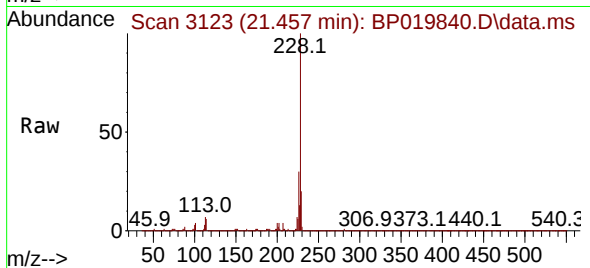
229 19.8 15.6 23.4

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 02/27/2024

Supervised By :mohammad ahmed 02/27/2024



#84

Bis(2-ethylhexyl)phthalate

Concen: 43.134 ng

RT: 21.339 min Scan# 3103

Delta R.T. -0.006 min

Lab File: BP019840.D

Acq: 23 Feb 2024 13:11

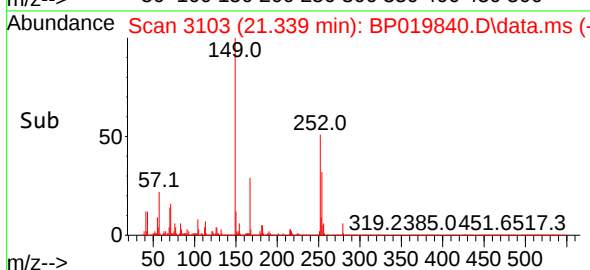
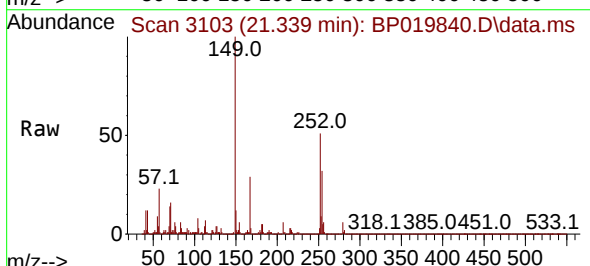
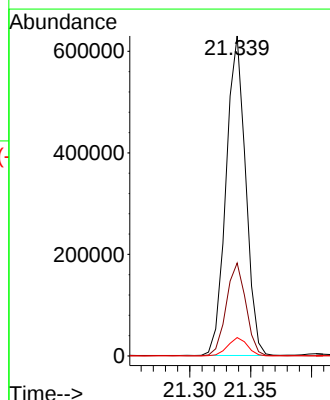
Tgt Ion:149 Resp: 703002

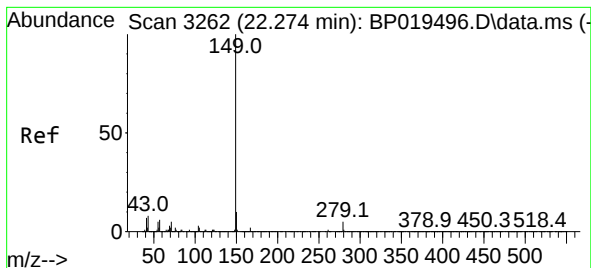
Ion Ratio Lower Upper

149 100

167 29.0 22.7 34.1

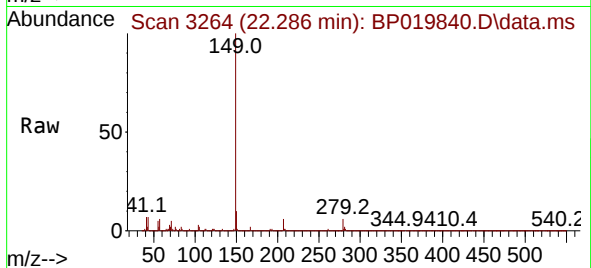
279 5.8 4.2 6.2





#85  
Di-n-octyl phthalate  
Concen: 41.454 ng  
RT: 22.286 min Scan# 31  
Delta R.T. -0.006 min  
Lab File: BP019840.D  
Acq: 23 Feb 2024 13:11

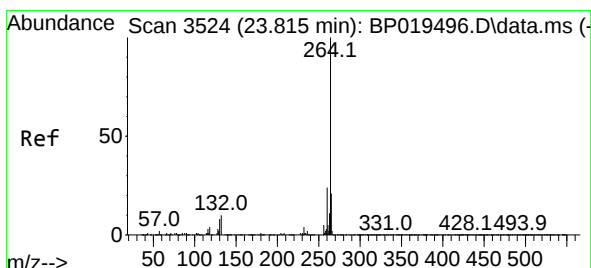
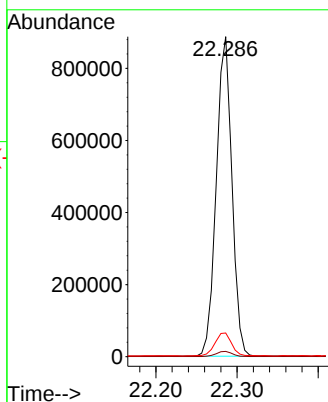
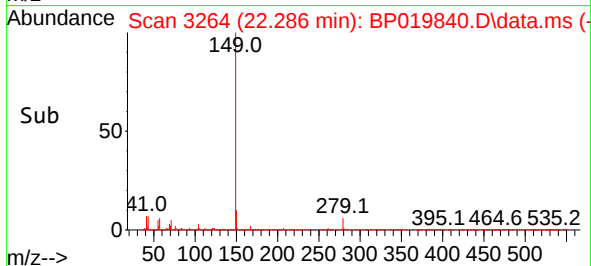
Instrument :  
BNA\_P  
ClientSampleId :  
PB159196BS



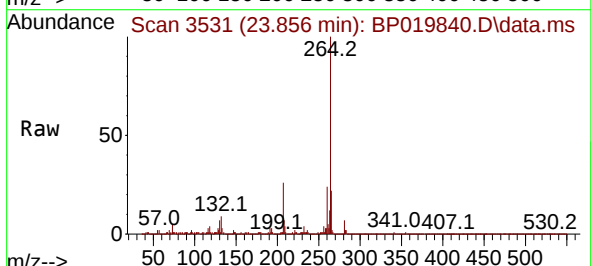
Tgt Ion:149 Resp: 1188689  
Ion Ratio Lower Upper  
149 100  
167 1.7 1.3 1.9  
43 7.7 6.3 9.5

Manual Integrations  
APPROVED

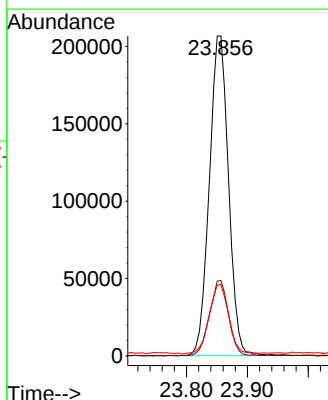
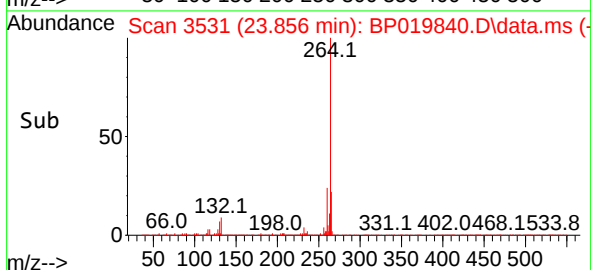
Reviewed By :Yogesh Patel 02/27/2024  
Supervised By :mohammad ahmed 02/27/2024



#86  
Perylene-d12  
Concen: 20.000 ng  
RT: 23.856 min Scan# 3531  
Delta R.T. -0.012 min  
Lab File: BP019840.D  
Acq: 23 Feb 2024 13:11



Tgt Ion:264 Resp: 452339  
Ion Ratio Lower Upper  
264 100  
260 23.6 19.2 28.8  
265 22.4 17.0 25.4





#87

Indeno(1,2,3-cd)pyrene

Concen: 47.831 ng

RT: 26.415 min Scan# 3404

Delta R.T. -0.018 min

Lab File: BP019840.D

Acq: 23 Feb 2024 13:11

Instrument :

BNA\_P

ClientSampleId :

PB159196BS

Tgt Ion:276 Resp: 165613

Ion Ratio Lower Upper

276 100

138 13.7 13.1 19.7

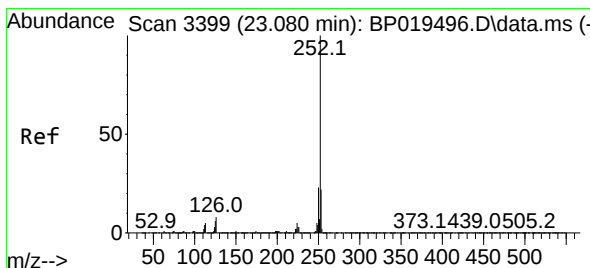
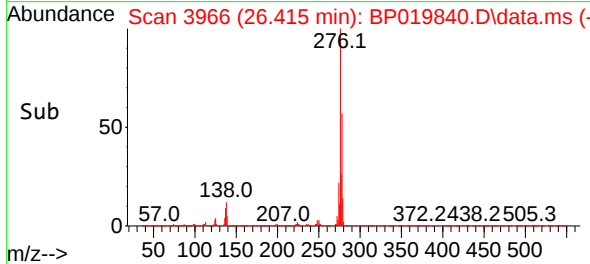
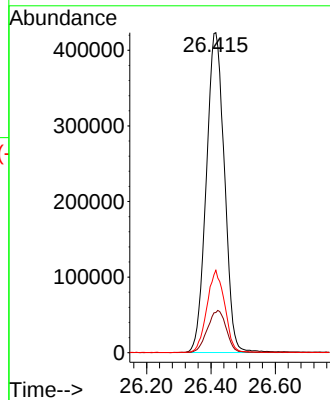
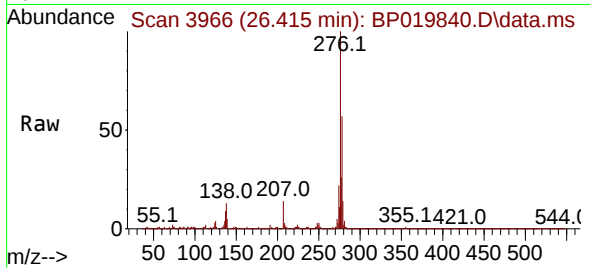
277 25.3 20.3 30.5

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 02/27/2024

Supervised By :mohammad ahmed 02/27/2024



#88

Benzo(b)fluoranthene

Concen: 46.324 ng

RT: 23.109 min Scan# 3404

Delta R.T. -0.018 min

Lab File: BP019840.D

Acq: 23 Feb 2024 13:11

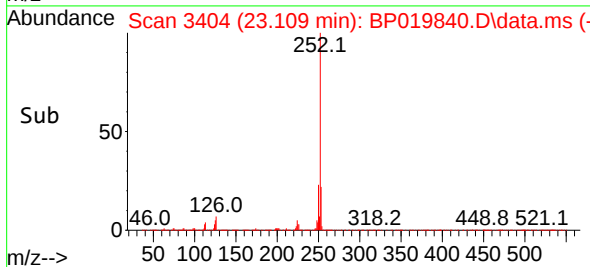
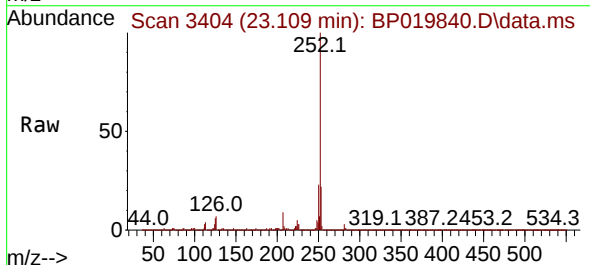
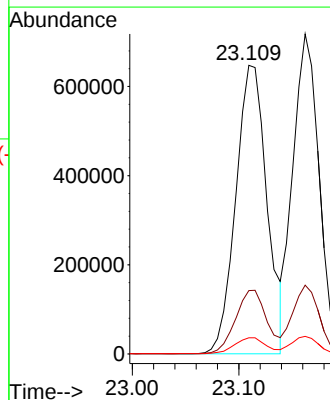
Tgt Ion:252 Resp: 1320631

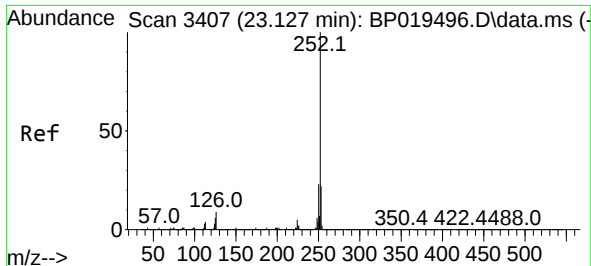
Ion Ratio Lower Upper

252 100

253 21.9 17.3 25.9

125 5.6 4.9 7.3





#89  
Benzo(k)fluoranthene  
Concen: 44.861 ng  
RT: 23.162 min Scan# 3413  
Delta R.T. -0.012 min  
Lab File: BP019840.D  
Acq: 23 Feb 2024 13:11

Instrument :

BNA\_P

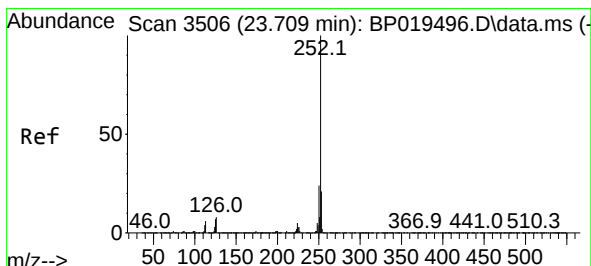
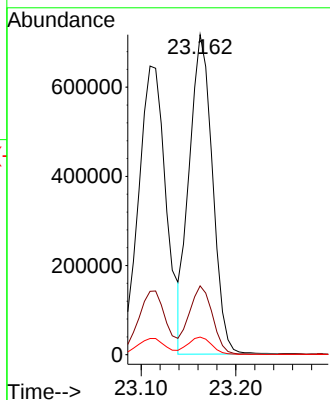
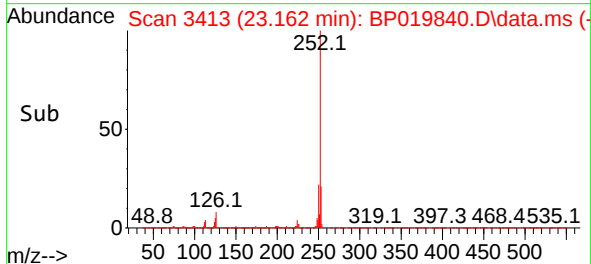
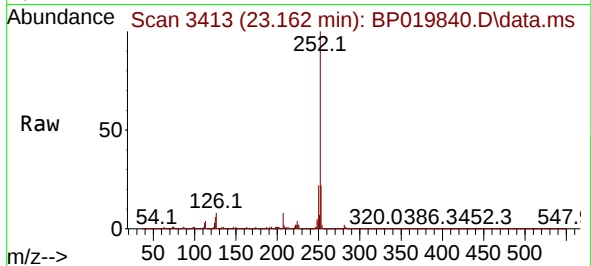
ClientSampleId :

PB159196BS

Tgt Ion:252 Resp: 1221680  
Ion Ratio Lower Upper  
252 100  
253 21.5 17.1 25.7  
125 5.5 5.0 7.6

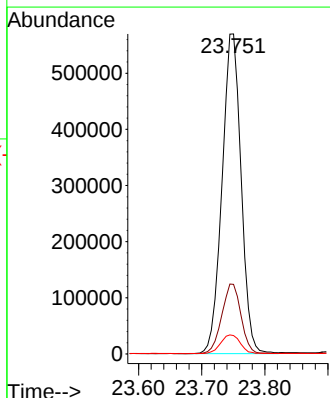
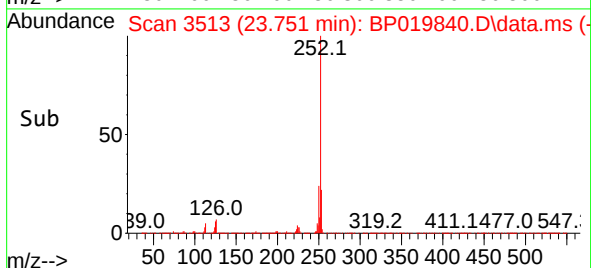
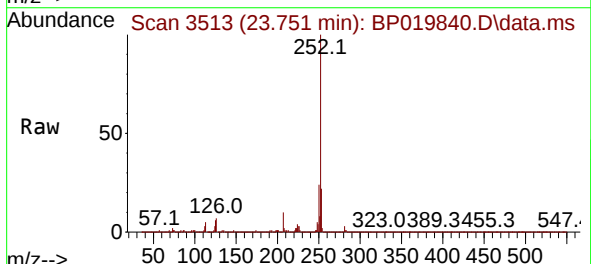
Manual Integrations  
APPROVED

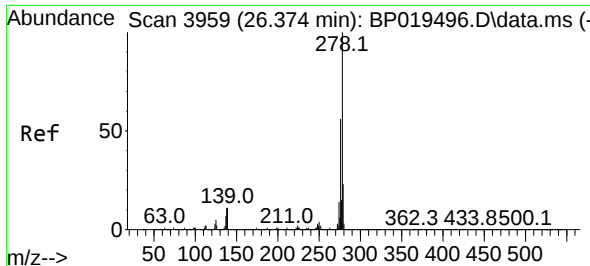
Reviewed By :Yogesh Patel 02/27/2024  
Supervised By :mohammad ahmed 02/27/2024



#90  
Benzo(a)pyrene  
Concen: 47.028 ng  
RT: 23.751 min Scan# 3513  
Delta R.T. -0.012 min  
Lab File: BP019840.D  
Acq: 23 Feb 2024 13:11

Tgt Ion:252 Resp: 1192937  
Ion Ratio Lower Upper  
252 100  
253 21.7 17.1 25.7  
125 5.7 5.6 8.4





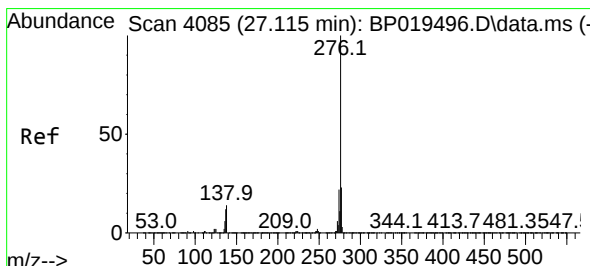
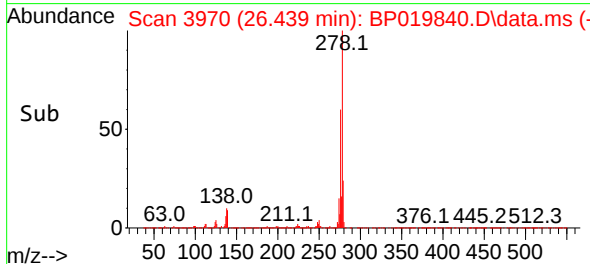
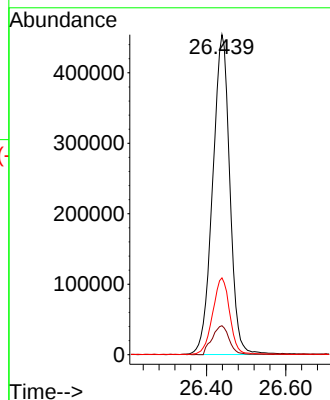
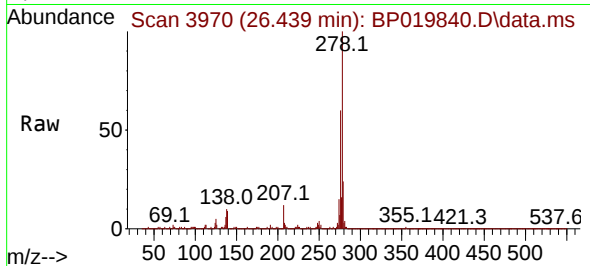
#91  
Dibenzo(a,h)anthracene  
Concen: 47.951 ng  
RT: 26.439 min Scan# 3959  
Delta R.T. -0.018 min  
Lab File: BP019840.D  
Acq: 23 Feb 2024 13:11

Instrument :  
BNA\_P  
ClientSampleId :  
PB159196BS

Tgt Ion:278 Resp: 136551  
Ion Ratio Lower Upper  
278 100  
139 9.0 8.6 12.8  
279 24.0 18.5 27.7

Manual Integrations  
APPROVED

Reviewed By :Yogesh Patel 02/27/2024  
Supervised By :mohammad ahmed 02/27/2024



#92  
Benzo(g,h,i)perylene  
Concen: 45.530 ng  
RT: 27.197 min Scan# 4099  
Delta R.T. -0.018 min  
Lab File: BP019840.D  
Acq: 23 Feb 2024 13:11

Tgt Ion:276 Resp: 1315384  
Ion Ratio Lower Upper  
276 100  
277 23.8 18.6 28.0  
138 11.7 10.9 16.3

