

Data Path : Z:\svoasrv\HPCHEM1\BNA\_P\Data\BP092622\  
 Data File : BP011804.D  
 Acq On : 26 Sep 2022 19:22  
 Operator : CG/JU  
 Sample : N4732-02MSD  
 Misc :  
 ALS Vial : 10 Sample Multiplier: 1

Instrument :  
 BNA\_P  
 ClientSampleId :  
 WC-1MSD

Manual Integrations  
 APPROVED

Reviewed By : Christian Giraldo 09/27/2022  
 Supervised By : Jagrut Upadhyay 09/27/2022

Quant Time: Sep 27 03:22:30 2022  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_P\Methods\8270E-BP092122.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Thu Sep 22 02:45:14 2022  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc    | Units | Dev(Min) |
|-------------------------------|--------|------|----------|---------|-------|----------|
| -----                         |        |      |          |         |       |          |
| Internal Standards            |        |      |          |         |       |          |
| 1) 1,4-Dichlorobenzene-d4     | 7.911  | 152  | 216637   | 20.000  | ng    | -0.01    |
| 21) Naphthalene-d8            | 10.722 | 136  | 1106006  | 20.000  | ng    | -0.01    |
| 39) Acenaphthene-d10          | 14.557 | 164  | 775593   | 20.000  | ng    | -0.01    |
| 64) Phenanthrene-d10          | 17.310 | 188  | 1697443  | 20.000  | ng    | -0.01    |
| 76) Chrysene-d12              | 21.398 | 240  | 1635140  | 20.000  | ng    | 0.00     |
| 86) Perylene-d12              | 23.839 | 264  | 1704377  | 20.000  | ng    | 0.00     |
|                               |        |      |          |         |       |          |
| System Monitoring Compounds   |        |      |          |         |       |          |
| 5) 2-Fluorophenol             | 5.475  | 112  | 2436349  | 197.326 | ng    | 0.00     |
| 7) Phenol-d6                  | 7.075  | 99   | 3345692  | 183.265 | ng    | 0.00     |
| 23) Nitrobenzene-d5           | 9.081  | 82   | 1993778  | 94.353  | ng    | -0.01    |
| 42) 2,4,6-Tribromophenol      | 16.051 | 330  | 1133952  | 217.131 | ng    | 0.00     |
| 45) 2-Fluorobiphenyl          | 13.181 | 172  | 4694424  | 95.717  | ng    | -0.01    |
| 79) Terphenyl-d14             | 19.869 | 244  | 7707853  | 108.388 | ng    | 0.00     |
|                               |        |      |          |         |       |          |
| Target Compounds              |        |      |          |         |       | Qvalue   |
| 2) 1,4-Dioxane                | 3.358  | 88   | 221222   | 42.615  | ng    | # 49     |
| 3) Pyridine                   | 3.775  | 79   | 574874   | 35.882  | ng    | 91       |
| 4) n-Nitrosodimethylamine     | 3.670  | 42   | 312839   | 44.155  | ng    | # 83     |
| 6) Aniline                    | 7.240  | 93   | 1053525  | 46.390  | ng    | 98       |
| 8) 2-Chlorophenol             | 7.475  | 128  | 982405   | 65.400  | ng    | 95       |
| 9) Benzaldehyde               | 7.052  | 77   | 409811m  | 35.880  | ng    |          |
| 10) Phenol                    | 7.105  | 94   | 1243362  | 60.462  | ng    | 98       |
| 11) bis(2-Chloroethyl)ether   | 7.334  | 93   | 885244   | 54.383  | ng    | 95       |
| 12) 1,3-Dichlorobenzene       | 7.799  | 146  | 777045   | 49.228  | ng    | 98       |
| 13) 1,4-Dichlorobenzene       | 7.952  | 146  | 807333   | 49.913  | ng    | 99       |
| 14) 1,2-Dichlorobenzene       | 8.269  | 146  | 809261   | 51.141  | ng    | 99       |
| 15) Benzyl Alcohol            | 8.158  | 79   | 885612m  | 65.657  | ng    |          |
| 16) 2,2'-oxybis(1-Chloropr... | 8.452  | 45   | 1200542  | 44.651  | ng    | 94       |
| 17) 2-Methylphenol            | 8.358  | 107  | 882470   | 65.472  | ng    | 98       |
| 18) Hexachloroethane          | 8.999  | 117  | 275221   | 44.443  | ng    | 96       |
| 19) n-Nitroso-di-n-propyla... | 8.728  | 70   | 754710   | 56.232  | ng    | 91       |
| 20) 3+4-Methylphenols         | 8.687  | 107  | 1245612  | 65.819  | ng    | 99       |
| 22) Acetophenone              | 8.746  | 105  | 1491617  | 53.689  | ng    | # 95     |
| 24) Nitrobenzene              | 9.122  | 77   | 1063279  | 48.701  | ng    | 96       |
| 25) Isophorone                | 9.658  | 82   | 2281428  | 57.550  | ng    | 98       |
| 26) 2-Nitrophenol             | 9.834  | 139  | 479144   | 53.901  | ng    | 95       |
| 27) 2,4-Dimethylphenol        | 9.899  | 122  | 1037499  | 74.103  | ng    | 98       |
| 28) bis(2-Chloroethoxy)met... | 10.134 | 93   | 1363300  | 59.011  | ng    | 99       |
| 29) 2,4-Dichlorophenol        | 10.369 | 162  | 1018952  | 68.019  | ng    | 99       |
| 30) 1,2,4-Trichlorobenzene    | 10.587 | 180  | 781325   | 50.089  | ng    | 99       |
| 31) Naphthalene               | 10.775 | 128  | 2904364  | 49.532  | ng    | 100      |
| 32) Benzoic acid              | 10.010 | 122  | 290787   | 27.599  | ng    | 97       |
| 33) 4-Chloroaniline           | 10.887 | 127  | 507015   | 20.740  | ng    | 99       |
| 34) Hexachlorobutadiene       | 11.057 | 225  | 391256   | 49.731  | ng    | 98       |
| 35) Caprolactam               | 11.693 | 113  | 355353m  | 58.367  | ng    |          |
| 36) 4-Chloro-3-methylphenol   | 12.010 | 107  | 1236926  | 68.033  | ng    | 98       |
| 37) 2-Methylnaphthalene       | 12.381 | 142  | 2183956  | 53.934  | ng    | 99       |
| 38) 1-Methylnaphthalene       | 12.604 | 142  | 2114638  | 53.031  | ng    | 100      |
| 40) 1,2,4,5-Tetrachloroben... | 12.751 | 216  | 946363   | 54.142  | ng    | 99       |
| 41) Hexachlorocyclopentadiene | 12.728 | 237  | 791773   | 92.363  | ng    | 98       |
| 43) 2,4,6-Trichlorophenol     | 12.993 | 196  | 783992   | 61.963  | ng    | 99       |

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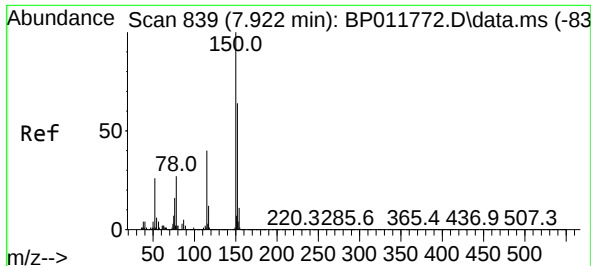
Manual Integrations  
 APPROVED

Reviewed By : Christian Giraldo 09/27/2022  
 Supervised By : Jagrut Upadhyay 09/27/2022

| Compound                      | R.T.   | QIon | Response | Conc    | Units | Dev(Min) |
|-------------------------------|--------|------|----------|---------|-------|----------|
| 44) 2,4,5-Trichlorophenol     | 13.063 | 196  | 900388   | 61.913  | ng    | 97       |
| 46) 1,1'-Biphenyl             | 13.393 | 154  | 2941673  | 52.203  | ng    | 99       |
| 47) 2-Chloronaphthalene       | 13.434 | 162  | 2232307  | 51.072  | ng    | 99       |
| 48) 2-Nitroaniline            | 13.640 | 65   | 809492   | 51.944  | ng    | 88       |
| 49) Acenaphthylene            | 14.281 | 152  | 3804891  | 52.444  | ng    | 100      |
| 50) Dimethylphthalate         | 14.022 | 163  | 3176150  | 55.852  | ng    | 99       |
| 51) 2,6-Dinitrotoluene        | 14.134 | 165  | 691279   | 58.877  | ng    | 93       |
| 52) Acenaphthene              | 14.622 | 154  | 2273812  | 51.102  | ng    | 99       |
| 53) 3-Nitroaniline            | 14.463 | 138  | 605382   | 42.098  | ng    | 99       |
| 54) 2,4-Dinitrophenol         | 14.669 | 184  | 212236   | 38.074  | ng    | 91       |
| 55) Dibenzofuran              | 14.957 | 168  | 3604758  | 52.856  | ng    | 99       |
| 56) 4-Nitrophenol             | 14.775 | 139  | 1372981  | 114.971 | ng    | 92       |
| 57) 2,4-Dinitrotoluene        | 14.922 | 165  | 978120   | 55.658  | ng    | 90       |
| 58) Fluorene                  | 15.610 | 166  | 2962020  | 51.193  | ng    | 100      |
| 59) 2,3,4,6-Tetrachlorophenol | 15.187 | 232  | 739143m  | 62.249  | ng    |          |
| 60) Diethylphthalate          | 15.381 | 149  | 3283354  | 55.296  | ng    | 99       |
| 61) 4-Chlorophenyl-phenyle... | 15.604 | 204  | 1349126  | 55.770  | ng    | 99       |
| 62) 4-Nitroaniline            | 15.634 | 138  | 853316   | 50.615  | ng    | 97       |
| 63) Azobenzene                | 15.898 | 77   | 3167267  | 48.714  | ng    | 94       |
| 65) 4,6-Dinitro-2-methylph... | 15.687 | 198  | 248249   | 31.098  | ng    | 88       |
| 66) n-Nitrosodiphenylamine    | 15.822 | 169  | 2690337  | 53.192  | ng    | 99       |
| 67) 4-Bromophenyl-phenylether | 16.498 | 248  | 802052   | 57.617  | ng    | 96       |
| 68) Hexachlorobenzene         | 16.616 | 284  | 851296   | 57.556  | ng    | 94       |
| 69) Atrazine                  | 16.775 | 200  | 950157   | 64.874  | ng    | 98       |
| 70) Pentachlorophenol         | 16.963 | 266  | 1164982  | 107.865 | ng    | 99       |
| 71) Phenanthrene              | 17.357 | 178  | 4869961  | 50.867  | ng    | 100      |
| 72) Anthracene                | 17.451 | 178  | 4881197  | 53.307  | ng    | 100      |
| 73) Carbazole                 | 17.716 | 167  | 4884751  | 54.469  | ng    | 100      |
| 74) Di-n-butylphthalate       | 18.269 | 149  | 5879923  | 54.432  | ng    | 100      |
| 75) Fluoranthene              | 19.322 | 202  | 5588857  | 53.698  | ng    | 98       |
| 77) Benzidine                 | 19.498 | 184  | 869943   | 27.413  | ng    | 99       |
| 78) Pyrene                    | 19.675 | 202  | 5794117  | 53.030  | ng    | 100      |
| 80) Butylbenzylphthalate      | 20.545 | 149  | 2743543  | 51.420  | ng    | 92       |
| 81) Benzo(a)anthracene        | 21.380 | 228  | 5626290  | 52.151  | ng    | 100      |
| 82) 3,3'-Dichlorobenzidine    | 21.316 | 252  | 1544362  | 49.084  | ng    | 99       |
| 83) Chrysene                  | 21.433 | 228  | 5325891  | 52.100  | ng    | 99       |
| 84) Bis(2-ethylhexyl)phtha... | 21.298 | 149  | 4091916  | 52.198  | ng    | 99       |
| 85) Di-n-octyl phthalate      | 22.239 | 149  | 7132064  | 57.209  | ng    | # 94     |
| 87) Indeno(1,2,3-cd)pyrene    | 26.410 | 276  | 6671351  | 50.024  | ng    | 98       |
| 88) Benzo(b)fluoranthene      | 23.098 | 252  | 6032405  | 57.006  | ng    | 99       |
| 89) Benzo(k)fluoranthene      | 23.151 | 252  | 5807571  | 53.561  | ng    | 99       |
| 90) Benzo(a)pyrene            | 23.739 | 252  | 5281228  | 58.988  | ng    | 98       |
| 91) Dibenzo(a,h)anthracene    | 26.421 | 278  | 5806757  | 52.443  | ng    | 98       |
| 92) Benzo(g,h,i)perylene      | 27.198 | 276  | 5656984  | 52.778  | ng    | 97       |

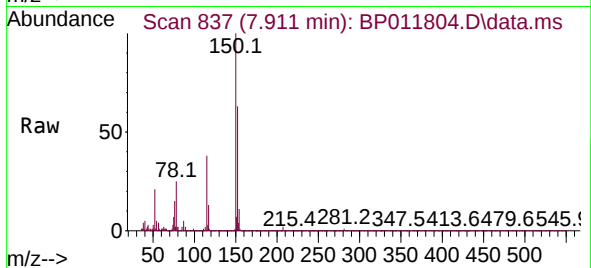
(#) = qualifier out of range (m) = manual integration (+) = signals summed





#1  
1,4-Dichlorobenzene-d4  
Concen: 20.000 ng  
RT: 7.911 min Scan# 84  
Delta R.T. -0.011 min  
Lab File: BP011804.D  
Acq: 26 Sep 2022 19:22

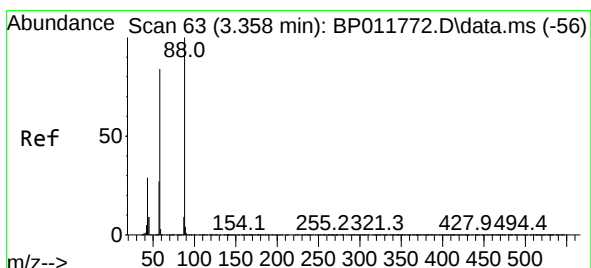
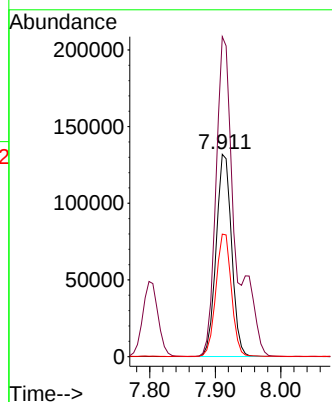
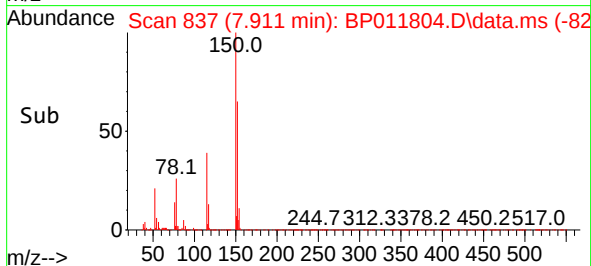
Instrument :  
BNA\_P  
Client SampleId :  
WC-1MSD



Tgt Ion: 152 Resp: 21663  
Ion Ratio Lower Upper  
152 100  
150 158.1 124.2 186.4  
115 60.6 50.0 75.0

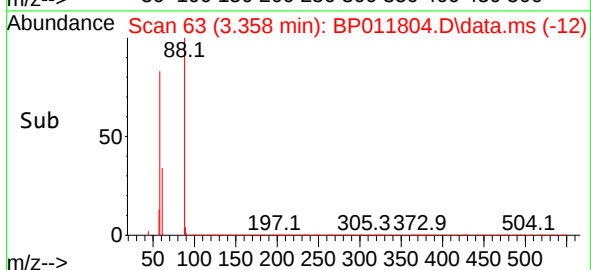
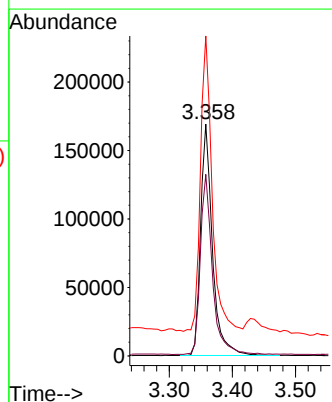
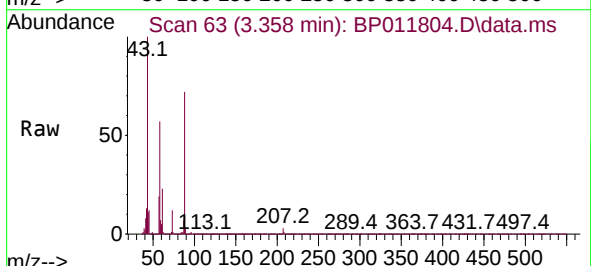
Manual Integrations  
APPROVED

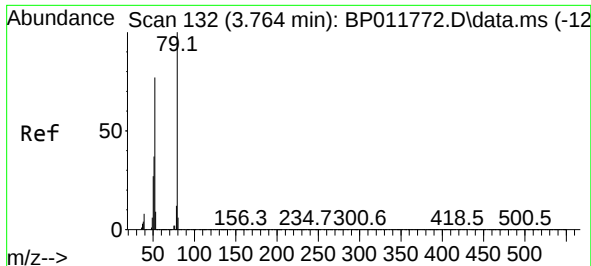
Reviewed By : Christian Giraldo 09/27/2022  
Supervised By : Jagrut Upadhyay 09/27/2022



#2  
1,4-Dioxane  
Concen: 42.615 ng  
RT: 3.358 min Scan# 63  
Delta R.T. 0.000 min  
Lab File: BP011804.D  
Acq: 26 Sep 2022 19:22

Tgt Ion: 88 Resp: 221222  
Ion Ratio Lower Upper  
88 100  
58 79.0 66.6 99.8  
43 126.3 23.2 34.8





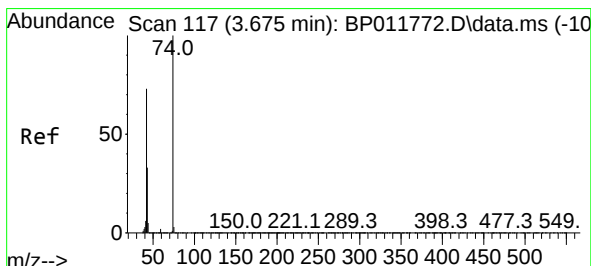
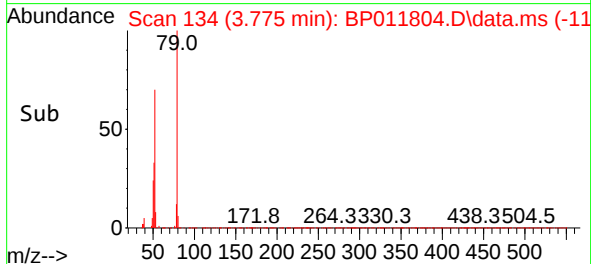
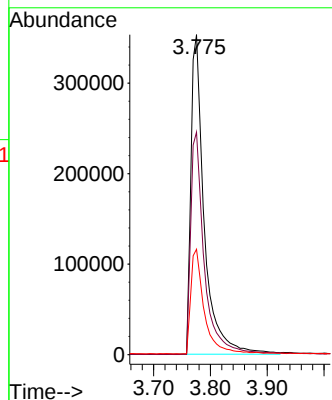
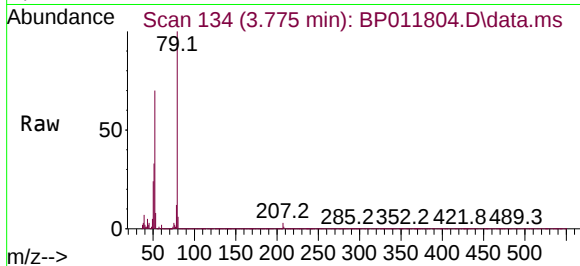
#3  
Pyridine  
Concen: 35.882 ng  
RT: 3.775 min Scan# 11  
Delta R.T. 0.012 min  
Lab File: BP011804.D  
Acq: 26 Sep 2022 19:22

Instrument :  
BNA\_P  
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WC-1MSD

Tgt Ion: 79 Resp: 574874  
Ion Ratio Lower Upper  
79 100  
52 69.5 61.9 92.9  
51 32.9 29.9 44.9

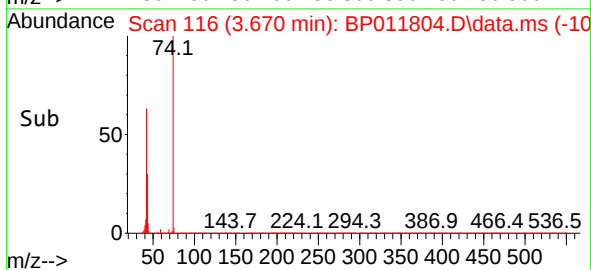
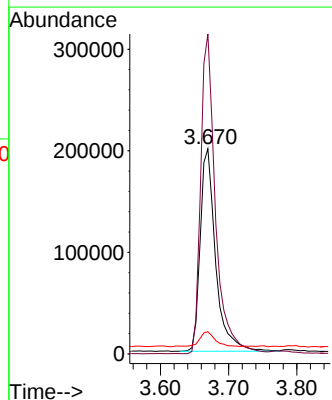
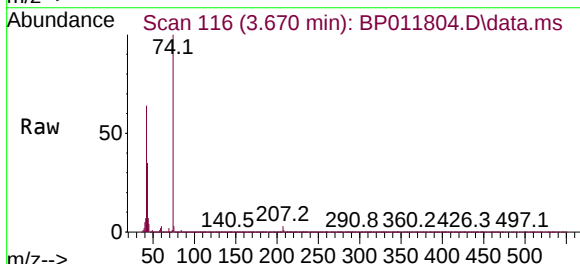
Manual Integrations  
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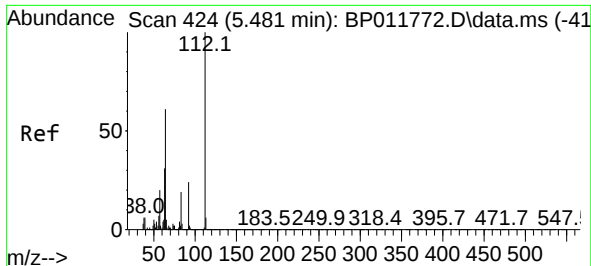
Reviewed By :Christian Giraldo 09/27/2022  
Supervised By :Jagrut Upadhyay 09/27/2022



#4  
n-Nitrosodimethylamine  
Concen: 44.155 ng  
RT: 3.670 min Scan# 116  
Delta R.T. -0.006 min  
Lab File: BP011804.D  
Acq: 26 Sep 2022 19:22

Tgt Ion: 42 Resp: 312839  
Ion Ratio Lower Upper  
42 100  
74 155.9 109.0 163.6  
44 10.8 15.4 23.2#





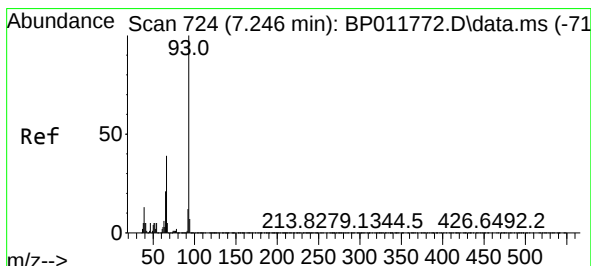
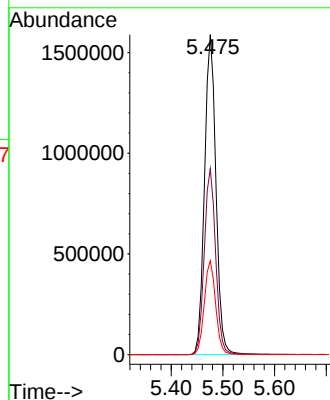
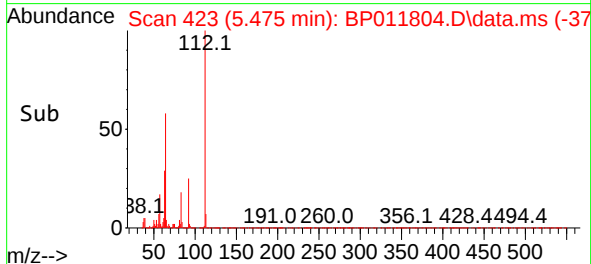
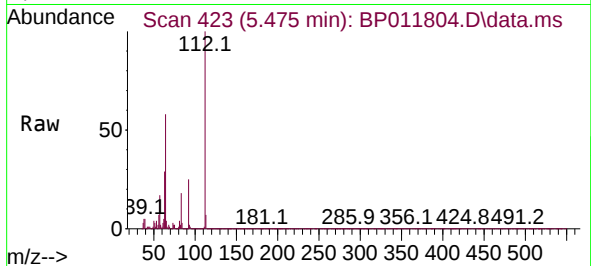
#5  
2-Fluorophenol  
Concen: 197.326 ng  
RT: 5.475 min Scan# 41  
Delta R.T. -0.006 min  
Lab File: BP011804.D  
Acq: 26 Sep 2022 19:22

Instrument :  
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ClientSampleId :  
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Tgt Ion:112 Resp: 2436349  
Ion Ratio Lower Upper  
112 100  
64 58.1 49.2 73.8  
63 29.3 25.2 37.8

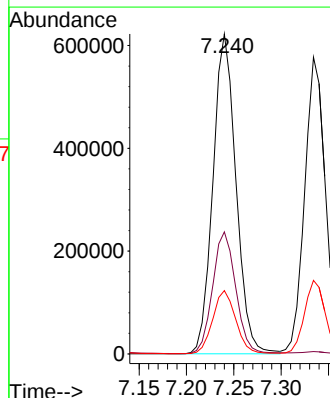
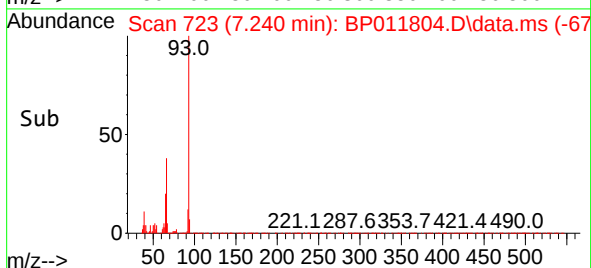
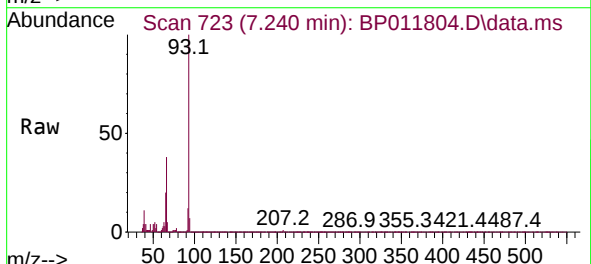
Manual Integrations  
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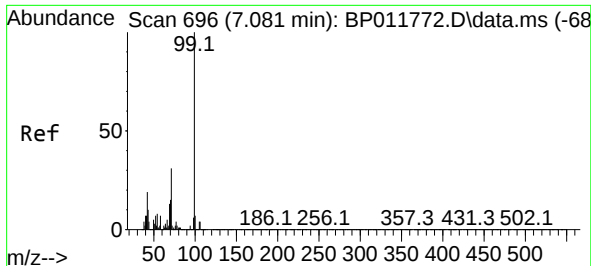
Reviewed By :Christian Giraldo 09/27/2022  
Supervised By :Jagrut Upadhyay 09/27/2022



#6  
Aniline  
Concen: 46.390 ng  
RT: 7.240 min Scan# 723  
Delta R.T. -0.006 min  
Lab File: BP011804.D  
Acq: 26 Sep 2022 19:22

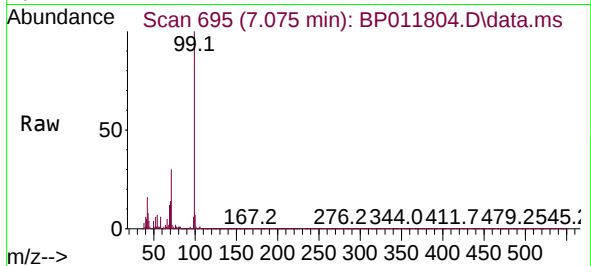
Tgt Ion: 93 Resp: 1053525  
Ion Ratio Lower Upper  
93 100  
66 38.1 31.3 46.9  
65 19.8 16.9 25.3





#7  
Phenol-d6  
Concen: 183.265 ng  
RT: 7.075 min Scan# 696  
Delta R.T. -0.006 min  
Lab File: BP011804.D  
Acq: 26 Sep 2022 19:22

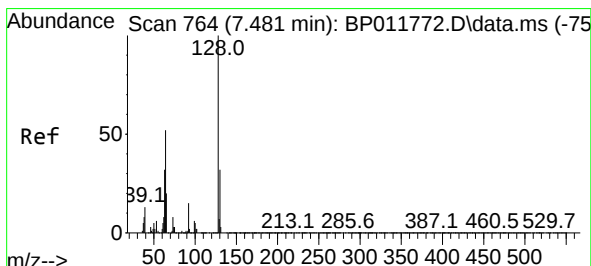
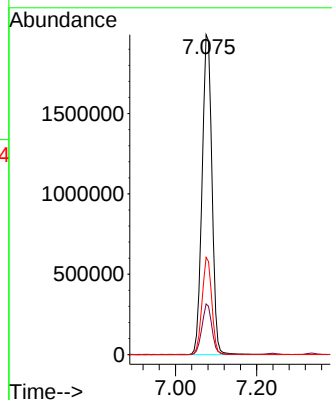
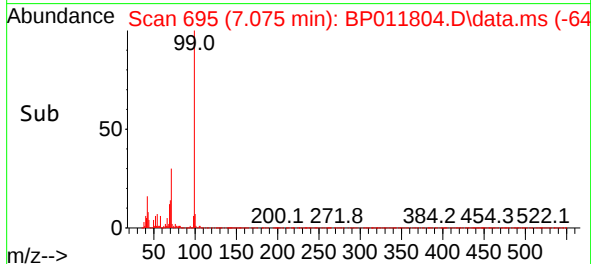
Instrument :  
BNA\_P  
ClientSampleId :  
WC-1MSD



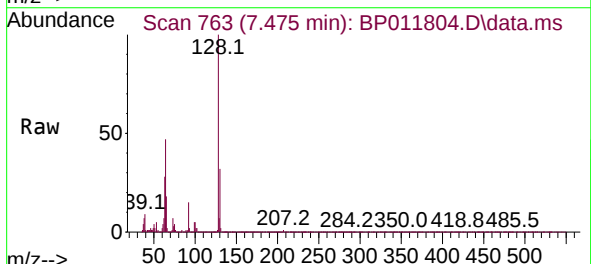
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Ion Ratio Lower Upper  
99 100  
42 15.8 15.4 23.2  
71 30.4 24.7 37.1

Manual Integrations  
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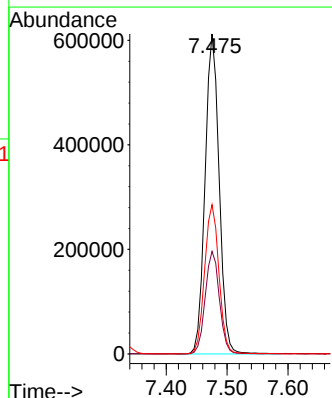
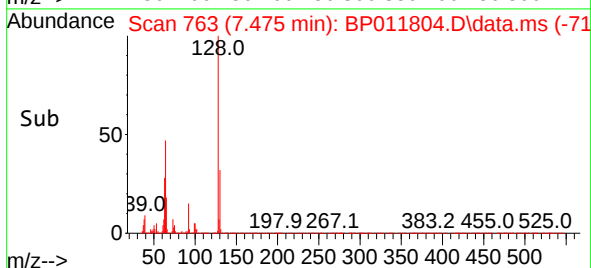
Reviewed By :Christian Giraldo 09/27/2022  
Supervised By :Jagrut Upadhyay 09/27/2022

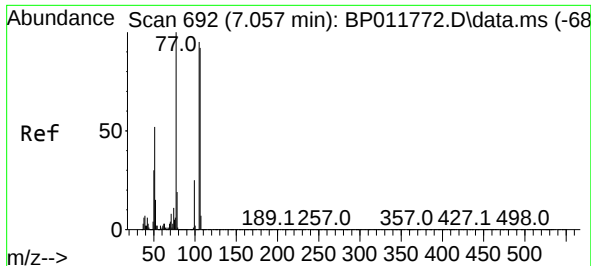


#8  
2-Chlorophenol  
Concen: 65.400 ng  
RT: 7.475 min Scan# 763  
Delta R.T. -0.006 min  
Lab File: BP011804.D  
Acq: 26 Sep 2022 19:22



Tgt Ion:128 Resp: 982405  
Ion Ratio Lower Upper  
128 100  
130 32.0 12.1 52.1  
64 46.7 32.6 72.6





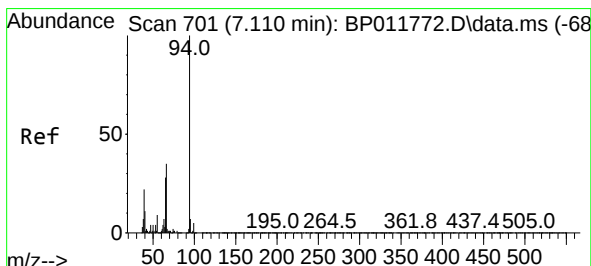
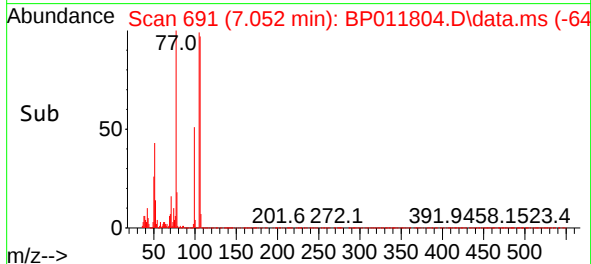
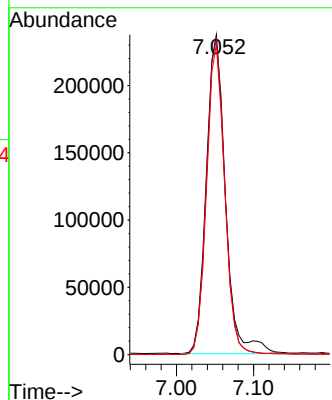
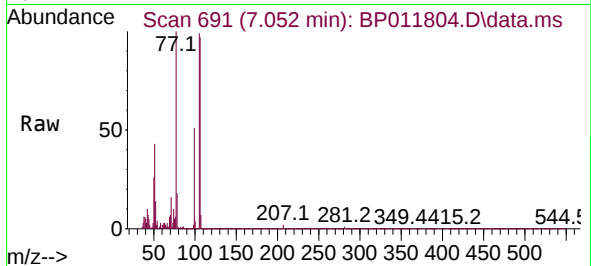
#9  
Benzaldehyde  
Concen: 35.880 ng m  
RT: 7.052 min Scan# 691  
Delta R.T. -0.005 min  
Lab File: BP011804.D  
Acq: 26 Sep 2022 19:22

Instrument :  
BNA\_P  
ClientSampleId :  
WC-1MSD

Tgt Ion: 77 Resp: 409811  
Ion Ratio Lower Upper  
77 100  
105 98.8 75.4 115.4  
106 96.9 71.6 111.6

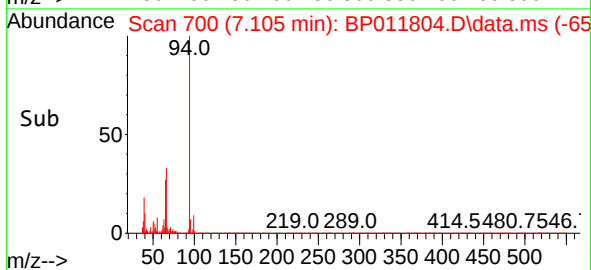
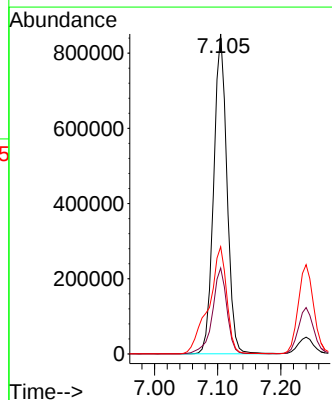
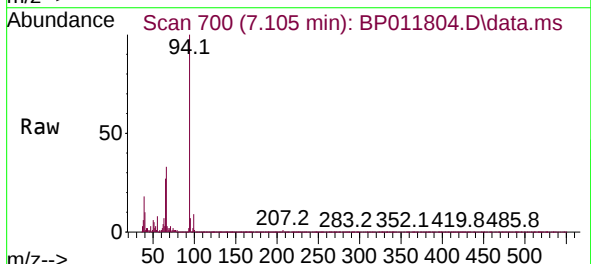
Manual Integrations  
APPROVED

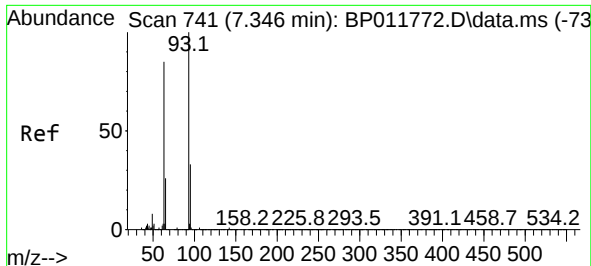
Reviewed By :Christian Giraldo 09/27/2022  
Supervised By :Jagrut Upadhyay 09/27/2022



#10  
Phenol  
Concen: 60.462 ng  
RT: 7.105 min Scan# 700  
Delta R.T. -0.005 min  
Lab File: BP011804.D  
Acq: 26 Sep 2022 19:22

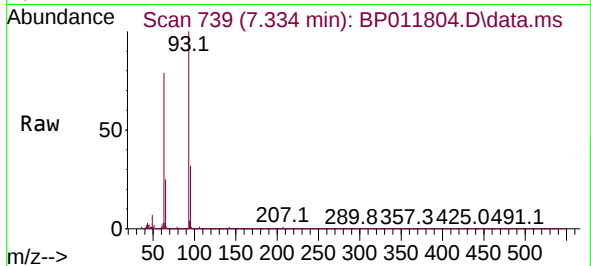
Tgt Ion: 94 Resp: 1243362  
Ion Ratio Lower Upper  
94 100  
65 26.9 8.1 48.1  
66 33.5 14.7 54.7





#11  
bis(2-Chloroethyl)ether  
Concen: 54.383 ng  
RT: 7.334 min Scan# 741  
Delta R.T. -0.012 min  
Lab File: BP011804.D  
Acq: 26 Sep 2022 19:22

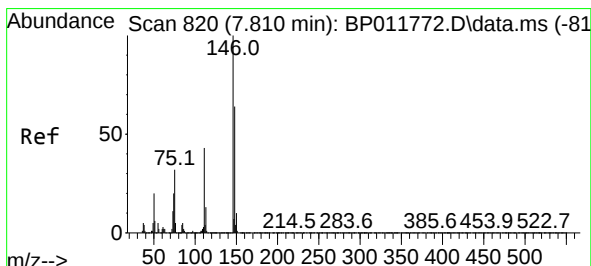
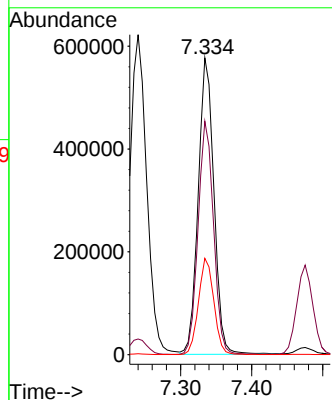
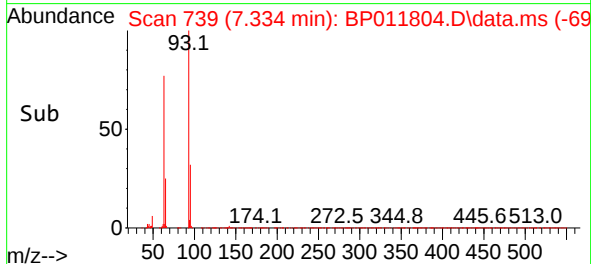
Instrument :  
BNA\_P  
ClientSampleId :  
WC-1MSD



Tgt Ion: 93 Resp: 885244  
Ion Ratio Lower Upper  
93 100  
63 78.6 64.4 104.4  
95 32.5 12.7 52.7

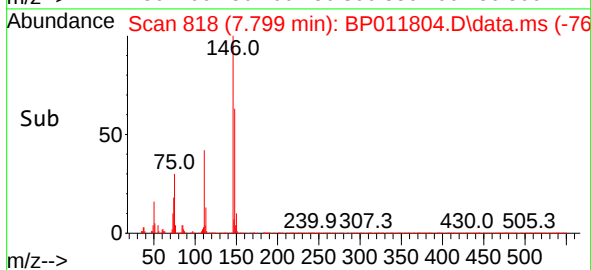
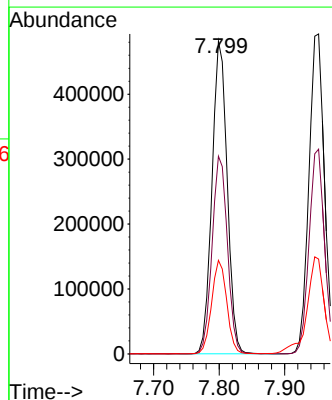
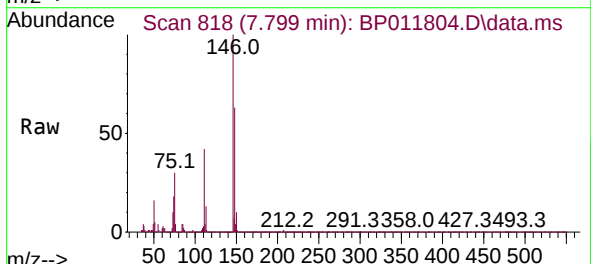
Manual Integrations  
APPROVED

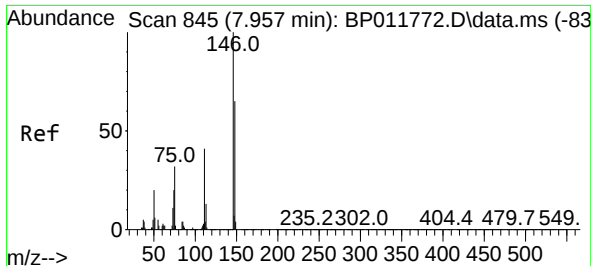
Reviewed By :Christian Giraldo 09/27/2022  
Supervised By :Jagrut Upadhyay 09/27/2022



#12  
1,3-Dichlorobenzene  
Concen: 49.228 ng  
RT: 7.799 min Scan# 818  
Delta R.T. -0.012 min  
Lab File: BP011804.D  
Acq: 26 Sep 2022 19:22

Tgt Ion:146 Resp: 777045  
Ion Ratio Lower Upper  
146 100  
148 63.2 51.4 77.2  
75 29.9 25.9 38.9





#13

1,4-Dichlorobenzene

Concen: 49.913 ng

RT: 7.952 min Scan# 84

Delta R.T. -0.006 min

Lab File: BP011804.D

Acq: 26 Sep 2022 19:22

Instrument :

BNA\_P

ClientSampleId :

WC-1MSD

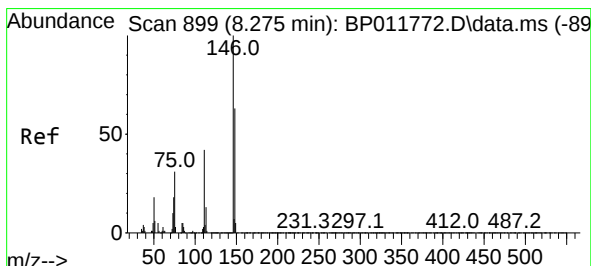
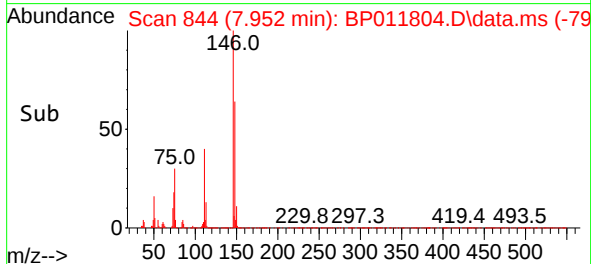
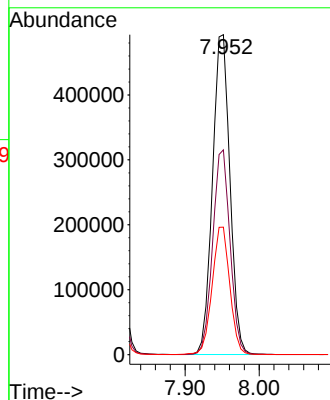
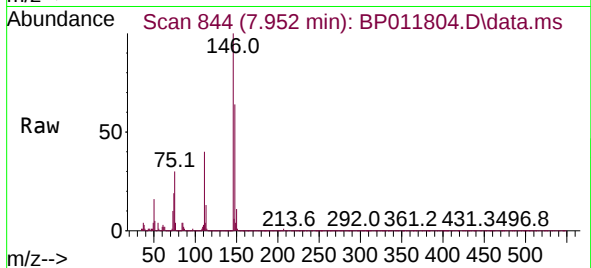
|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 146   | Resp: | 80733 |
| Ion Ratio | Lower | Upper |       |
| 146       | 100   |       |       |
| 148       | 64.0  | 51.7  | 77.5  |
| 111       | 39.8  | 32.6  | 48.8  |

Manual Integrations

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Reviewed By :Christian Giraldo 09/27/2022

Supervised By :Jagrut Upadhyay 09/27/2022



#14

1,2-Dichlorobenzene

Concen: 51.141 ng

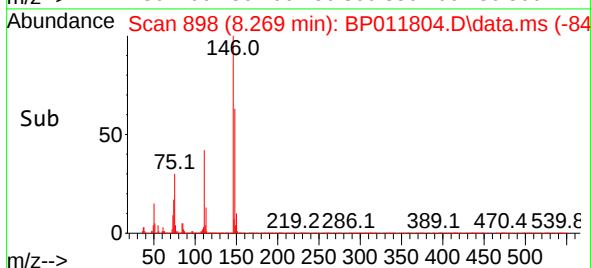
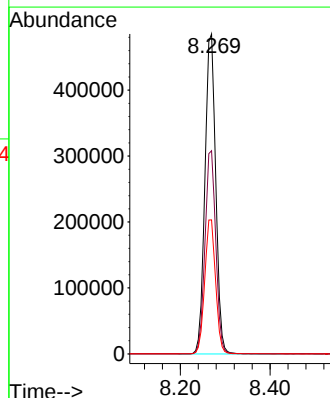
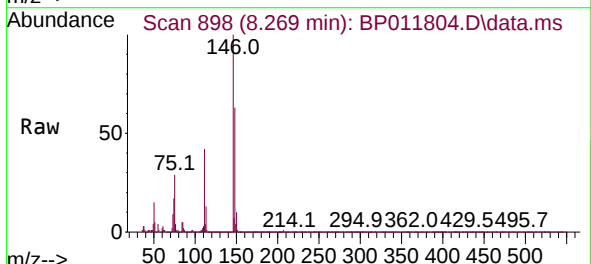
RT: 8.269 min Scan# 898

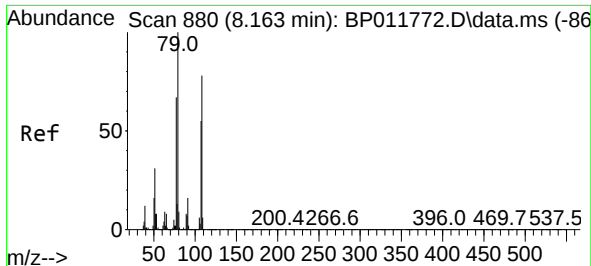
Delta R.T. -0.006 min

Lab File: BP011804.D

Acq: 26 Sep 2022 19:22

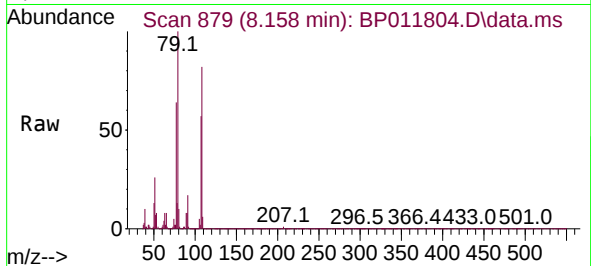
|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 146   | Resp: | 809261 |
| Ion Ratio | Lower | Upper |        |
| 146       | 100   |       |        |
| 148       | 63.5  | 50.6  | 76.0   |
| 111       | 41.9  | 34.0  | 51.0   |





#15  
Benzyl Alcohol  
Concen: 65.657 ng m  
RT: 8.158 min Scan# 81  
Delta R.T. -0.006 min  
Lab File: BP011804.D  
Acq: 26 Sep 2022 19:22

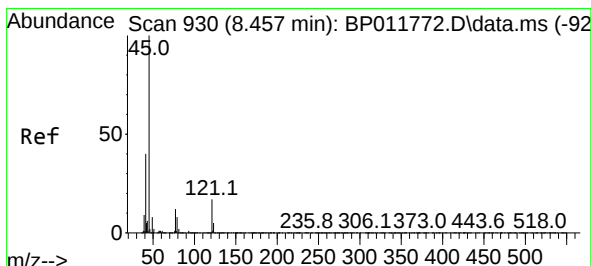
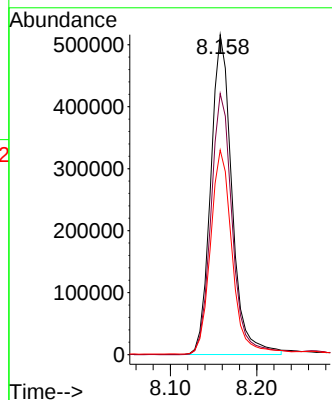
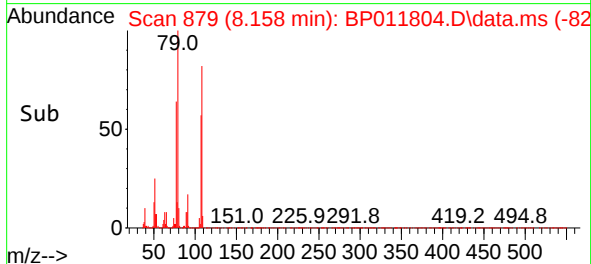
Instrument :  
BNA\_P  
ClientSampleId :  
WC-1MSD



Tgt Ion: 79 Resp: 885612  
Ion Ratio Lower Upper  
79 100  
108 81.6 62.7 94.1  
77 63.9 53.8 80.6

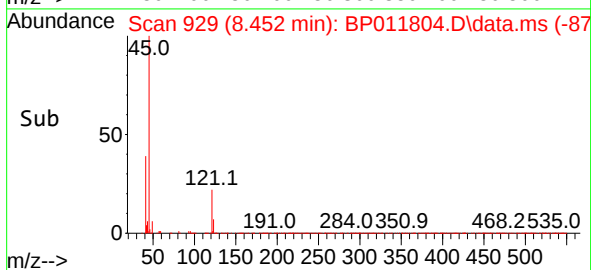
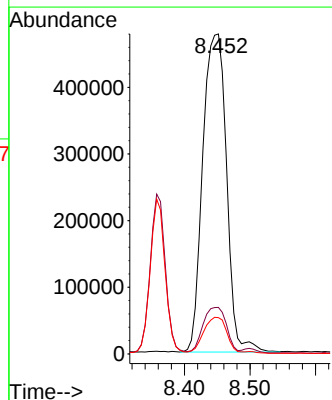
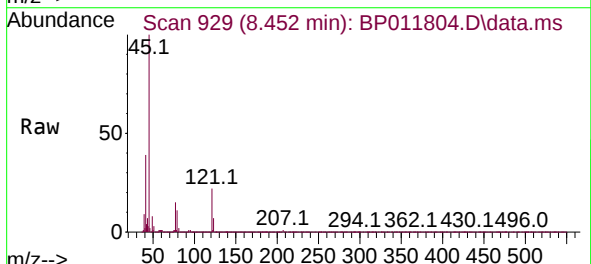
Manual Integrations  
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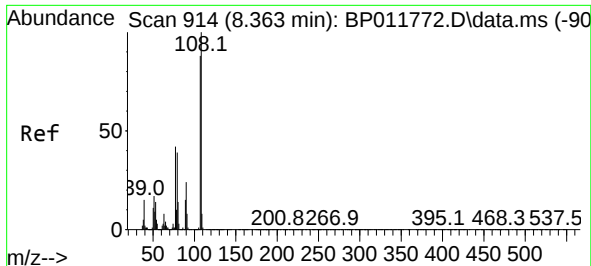
Reviewed By :Christian Giraldo 09/27/2022  
Supervised By :Jagrut Upadhyay 09/27/2022



#16  
2,2'-oxybis(1-Chloropropane)  
Concen: 44.651 ng  
RT: 8.452 min Scan# 929  
Delta R.T. -0.006 min  
Lab File: BP011804.D  
Acq: 26 Sep 2022 19:22

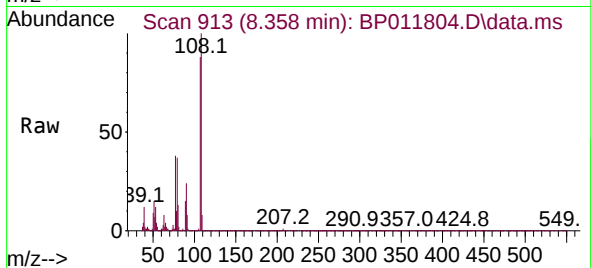
Tgt Ion: 45 Resp: 1200542  
Ion Ratio Lower Upper  
45 100  
77 14.5 0.0 32.6  
79 11.3 0.0 29.0





#17  
2-Methylphenol  
Concen: 65.472 ng  
RT: 8.358 min Scan# 914  
Delta R.T. -0.006 min  
Lab File: BP011804.D  
Acq: 26 Sep 2022 19:22

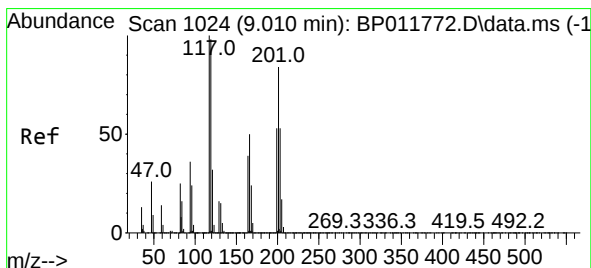
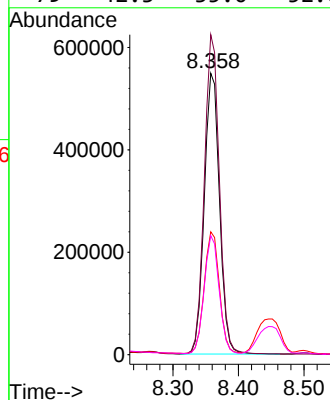
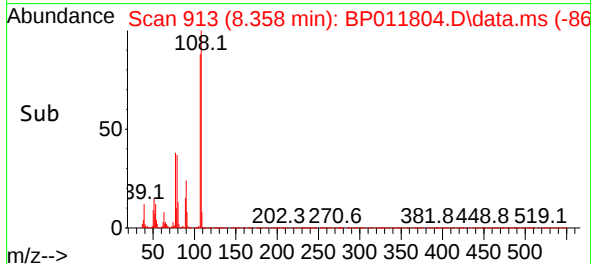
Instrument :  
BNA\_P  
ClientSampleId :  
WC-1MSD



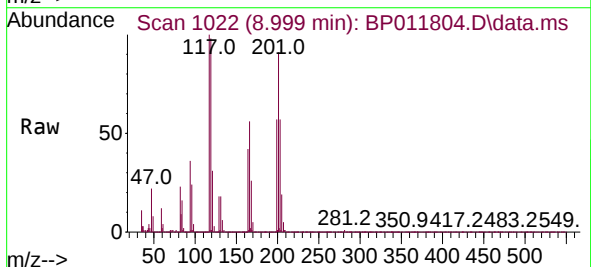
Tgt Ion:107 Resp: 882470  
Ion Ratio Lower Upper  
107 100  
108 113.7 90.6 136.0  
77 43.6 38.0 57.0  
79 42.3 35.0 52.6

Manual Integrations  
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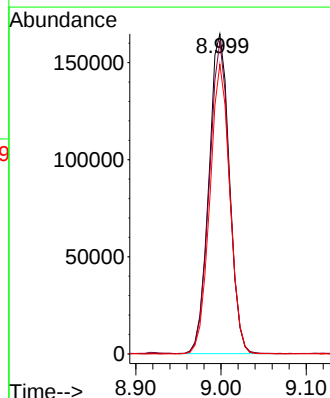
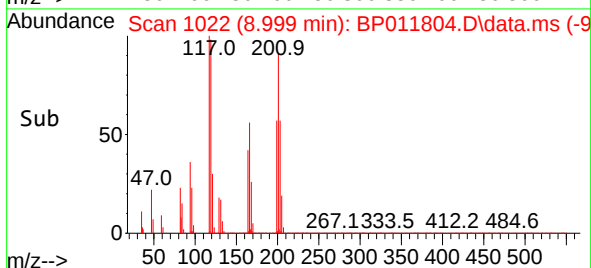
Reviewed By :Christian Giraldo 09/27/2022  
Supervised By :Jagrut Upadhyay 09/27/2022

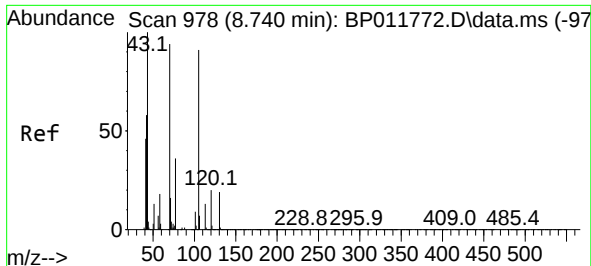


#18  
Hexachloroethane  
Concen: 44.443 ng  
RT: 8.999 min Scan# 1022  
Delta R.T. -0.012 min  
Lab File: BP011804.D  
Acq: 26 Sep 2022 19:22



Tgt Ion:117 Resp: 275221  
Ion Ratio Lower Upper  
117 100  
119 97.7 78.8 118.2  
201 90.5 67.4 101.0





#19

n-Nitroso-di-n-propylamine

Concen: 56.232 ng

RT: 8.728 min Scan# 91

Delta R.T. -0.012 min

Lab File: BP011804.D

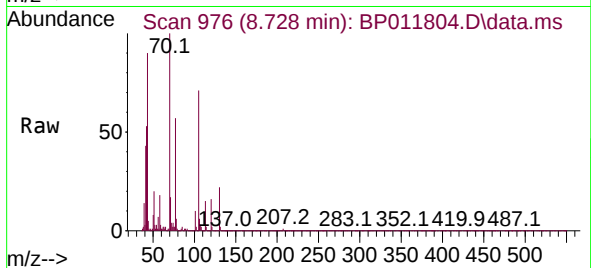
Acq: 26 Sep 2022 19:22

Instrument :

BNA\_P

ClientSampleId :

WC-1MSD



Tgt Ion: 70 Resp: 754710

Ion Ratio Lower Upper

70 100

42 53.2 50.1 75.1

101 9.8 7.6 11.4

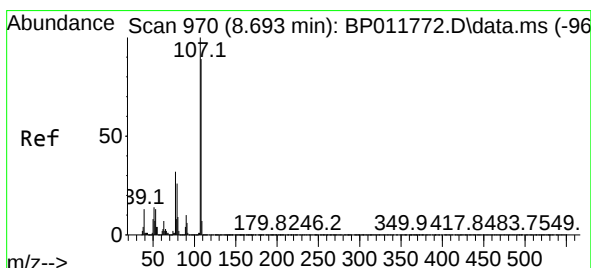
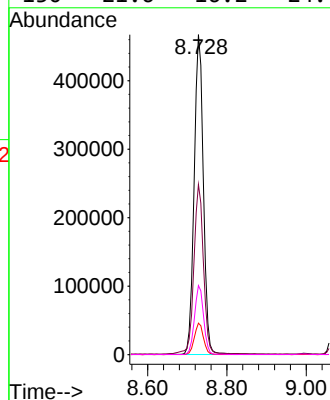
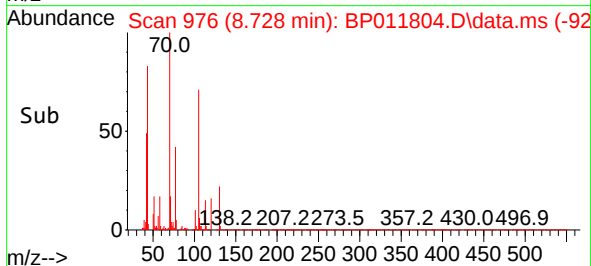
130 21.6 16.2 24.4

Manual Integrations

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Reviewed By :Christian Giraldo 09/27/2022

Supervised By :Jagrut Upadhyay 09/27/2022



#20

3+4-Methylphenols

Concen: 65.819 ng

RT: 8.687 min Scan# 969

Delta R.T. -0.006 min

Lab File: BP011804.D

Acq: 26 Sep 2022 19:22

Tgt Ion:107 Resp: 1245612

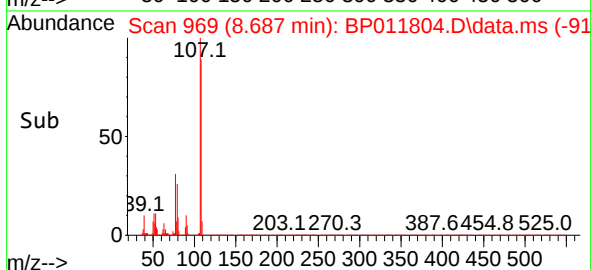
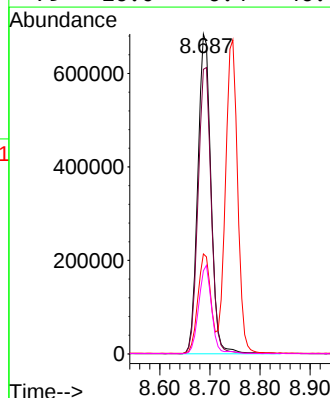
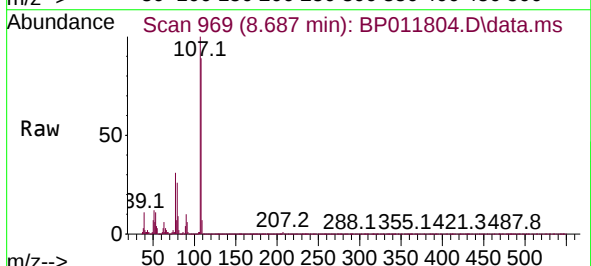
Ion Ratio Lower Upper

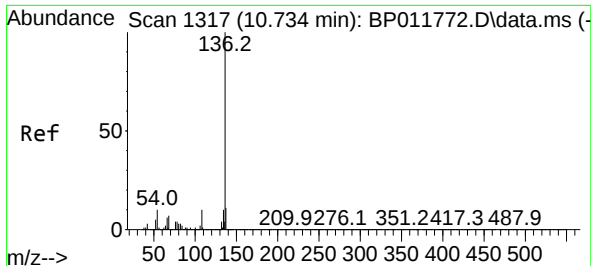
107 100

108 88.9 69.2 109.2

77 31.2 12.5 52.5

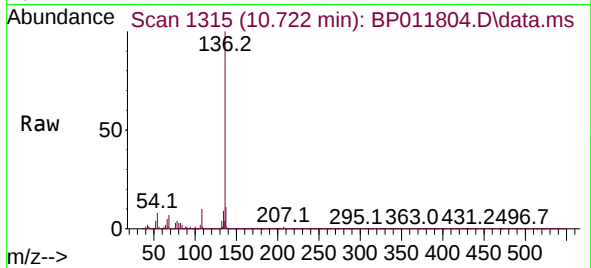
79 26.0 6.4 46.4





#21  
Naphthalene-d8  
Concen: 20.000 ng  
RT: 10.722 min Scan# 1315  
Delta R.T. -0.012 min  
Lab File: BP011804.D  
Acq: 26 Sep 2022 19:22

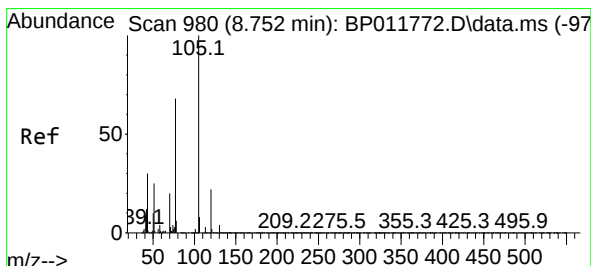
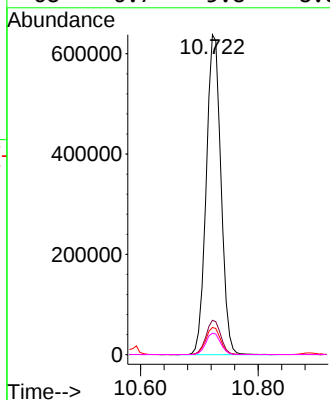
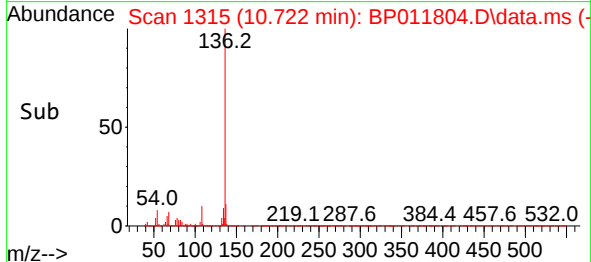
Instrument :  
BNA\_P  
ClientSampleId :  
WC-1MSD



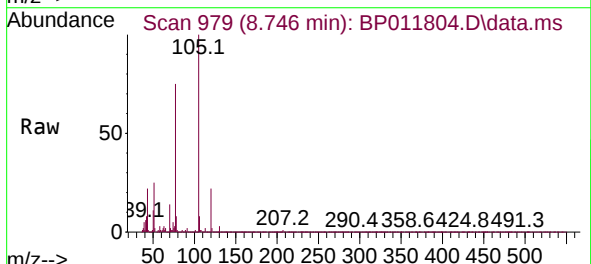
Tgt Ion:136 Resp: 1106000  
Ion Ratio Lower Upper  
136 100  
137 10.7 8.8 13.2  
54 8.5 8.2 12.4  
68 6.7 5.8 8.8

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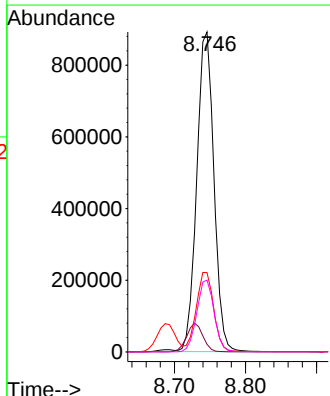
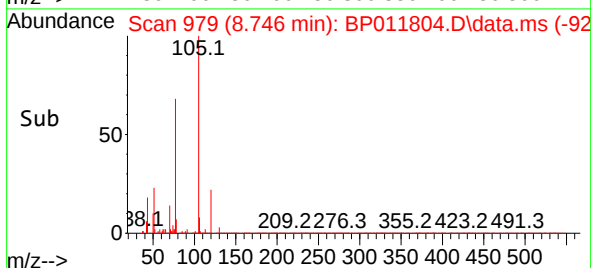
Reviewed By :Christian Giraldo 09/27/2022  
Supervised By :Jagrut Upadhyay 09/27/2022

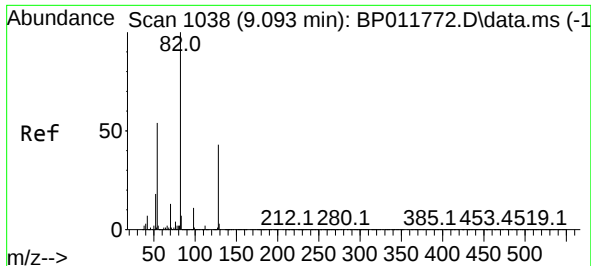


#22  
Acetophenone  
Concen: 53.689 ng  
RT: 8.746 min Scan# 979  
Delta R.T. -0.006 min  
Lab File: BP011804.D  
Acq: 26 Sep 2022 19:22



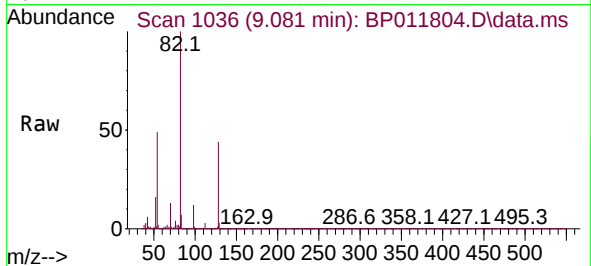
Tgt Ion:105 Resp: 1491617  
Ion Ratio Lower Upper  
105 100  
71 2.4 2.7 4.1#  
51 24.8 23.6 35.4  
120 22.4 17.8 26.6





#23  
Nitrobenzene-d5  
Concen: 94.353 ng  
RT: 9.081 min Scan# 1036  
Delta R.T. -0.012 min  
Lab File: BP011804.D  
Acq: 26 Sep 2022 19:22

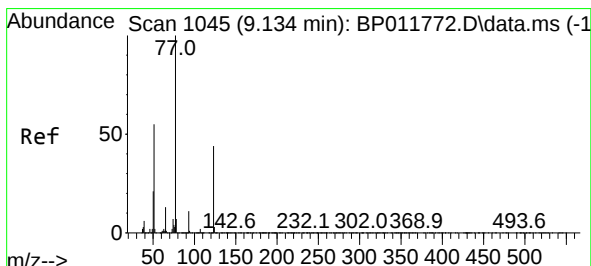
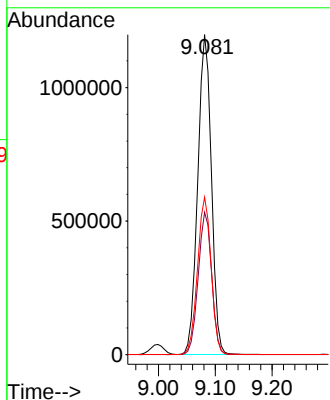
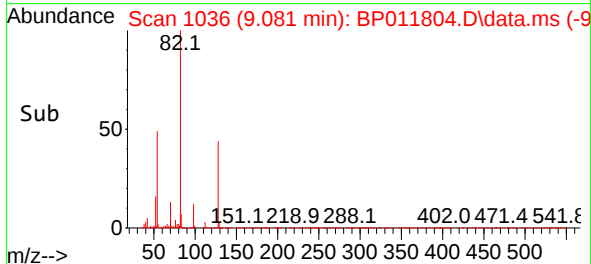
Instrument :  
BNA\_P  
ClientSampleId :  
WC-1MSD



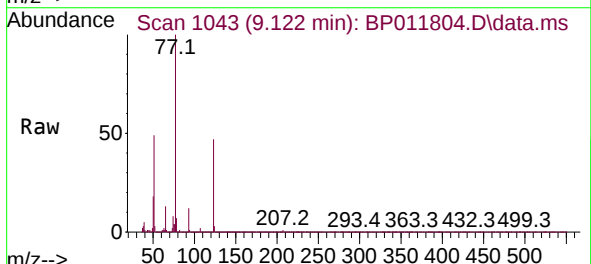
Tgt Ion: 82 Resp: 1993778  
Ion Ratio Lower Upper  
82 100  
128 44.5 34.2 51.4  
54 49.2 43.1 64.7

Manual Integrations  
APPROVED

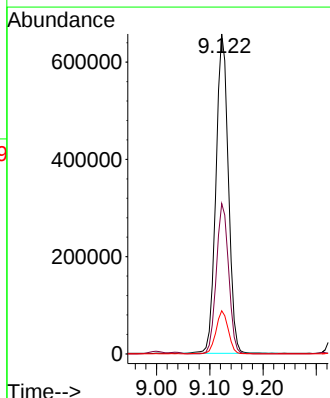
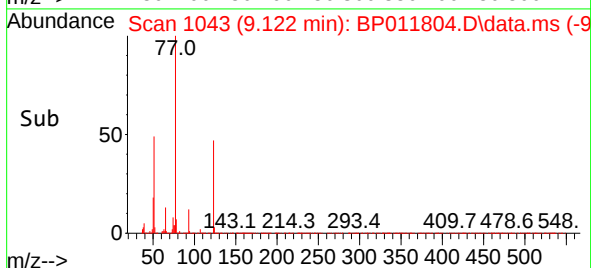
Reviewed By :Christian Giraldo 09/27/2022  
Supervised By :Jagrut Upadhyay 09/27/2022

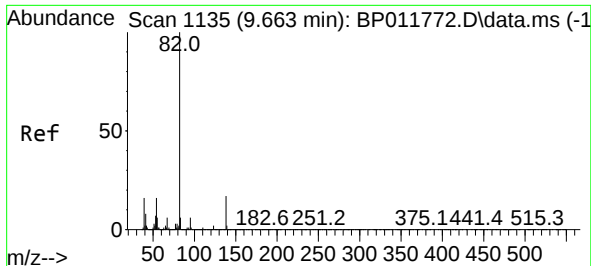


#24  
Nitrobenzene  
Concen: 48.701 ng  
RT: 9.122 min Scan# 1043  
Delta R.T. -0.012 min  
Lab File: BP011804.D  
Acq: 26 Sep 2022 19:22



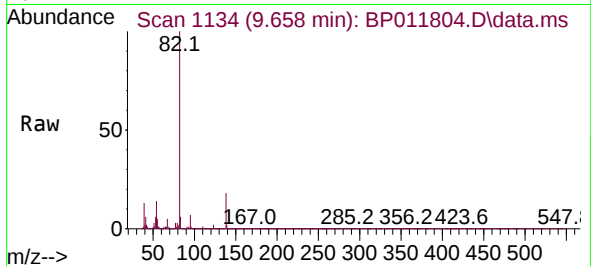
Tgt Ion: 77 Resp: 1063279  
Ion Ratio Lower Upper  
77 100  
123 47.0 35.0 52.4  
65 13.5 10.7 16.1





#25  
Isophorone  
Concen: 57.550 ng  
RT: 9.658 min Scan# 1135  
Delta R.T. -0.006 min  
Lab File: BP011804.D  
Acq: 26 Sep 2022 19:22

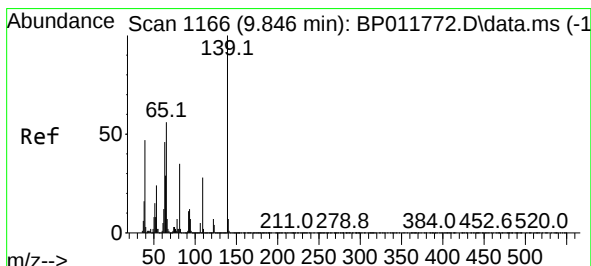
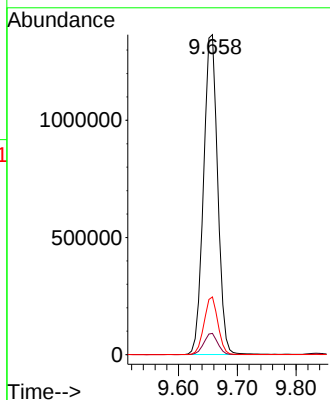
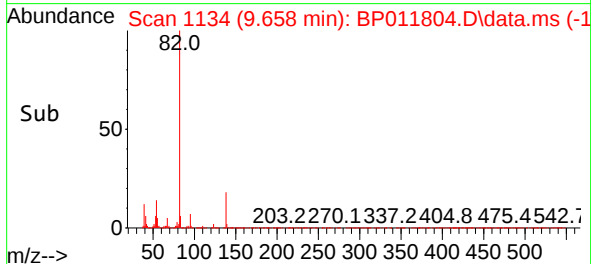
Instrument :  
BNA\_P  
ClientSampleId :  
WC-1MSD



Tgt Ion: 82 Resp: 2281428  
Ion Ratio Lower Upper  
82 100  
95 6.6 5.1 7.7  
138 18.0 13.6 20.4

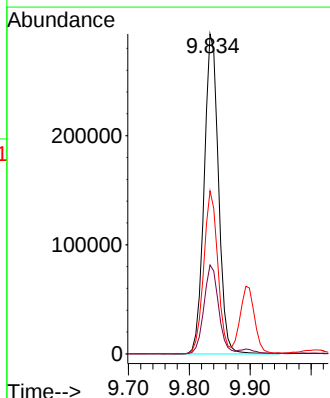
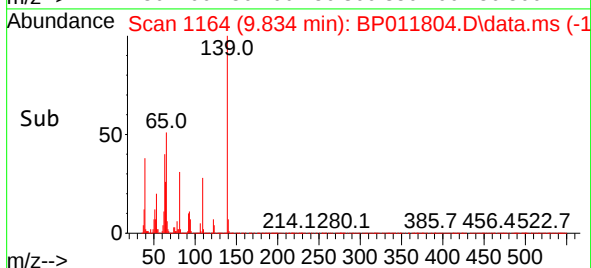
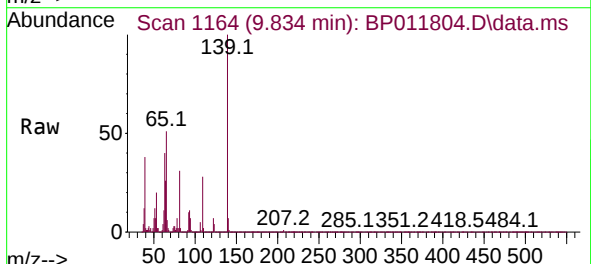
Manual Integrations  
APPROVED

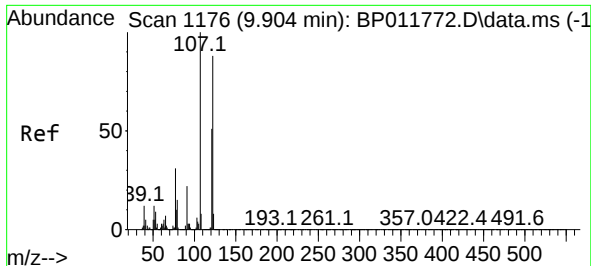
Reviewed By :Christian Giraldo 09/27/2022  
Supervised By :Jagrut Upadhyay 09/27/2022



#26  
2-Nitrophenol  
Concen: 53.901 ng  
RT: 9.834 min Scan# 1164  
Delta R.T. -0.012 min  
Lab File: BP011804.D  
Acq: 26 Sep 2022 19:22

Tgt Ion:139 Resp: 479144  
Ion Ratio Lower Upper  
139 100  
109 27.8 22.6 34.0  
65 50.9 44.7 67.1





#27

2,4-Dimethylphenol

Concen: 74.103 ng

RT: 9.899 min Scan# 1175

Delta R.T. -0.006 min

Lab File: BP011804.D

Acq: 26 Sep 2022 19:22

Instrument :

BNA\_P

ClientSampleId :

WC-1MSD

Tgt Ion:122 Resp: 1037499

Ion Ratio Lower Upper

122 100

107 111.7 91.2 136.8

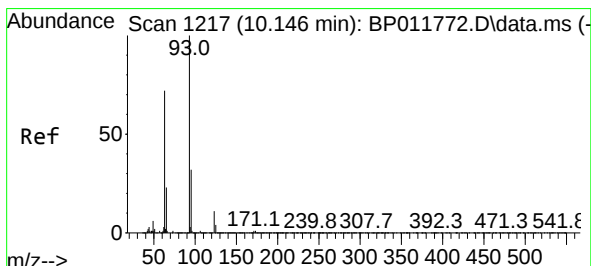
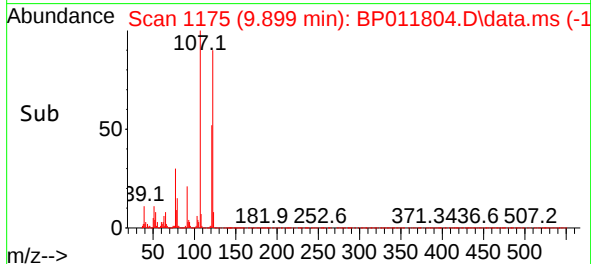
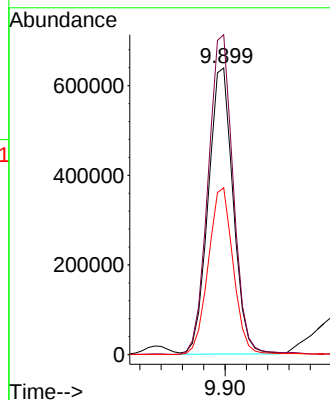
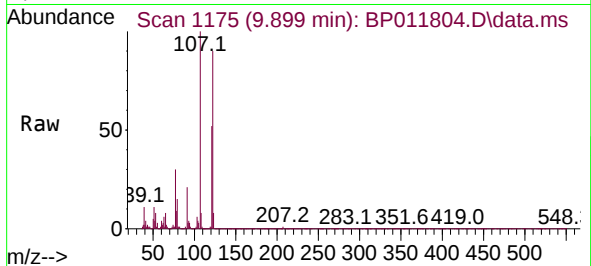
121 58.2 46.8 70.2

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 09/27/2022

Supervised By :Jagrut Upadhyay 09/27/2022



#28

bis(2-Chloroethoxy)methane

Concen: 59.011 ng

RT: 10.134 min Scan# 1215

Delta R.T. -0.012 min

Lab File: BP011804.D

Acq: 26 Sep 2022 19:22

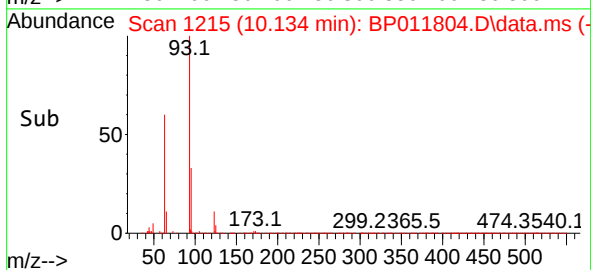
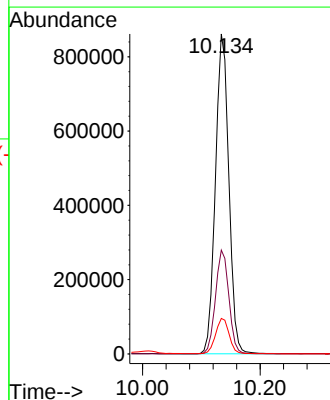
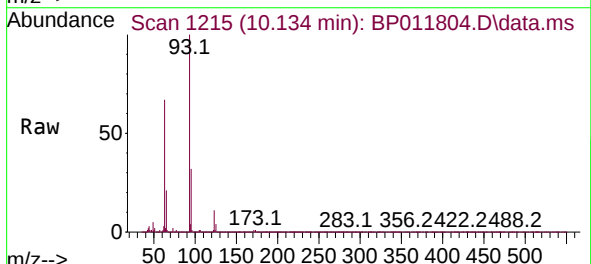
Tgt Ion: 93 Resp: 1363300

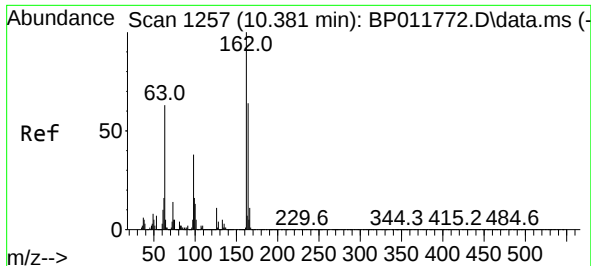
Ion Ratio Lower Upper

93 100

95 32.4 25.6 38.4

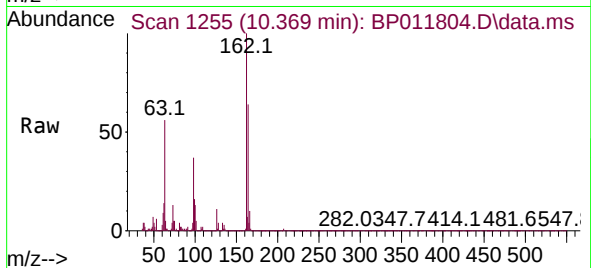
123 11.1 8.8 13.2





#29  
2,4-Dichlorophenol  
Concen: 68.019 ng  
RT: 10.369 min Scan# 1255  
Delta R.T. -0.012 min  
Lab File: BP011804.D  
Acq: 26 Sep 2022 19:22

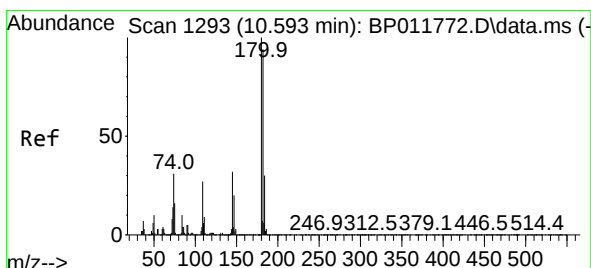
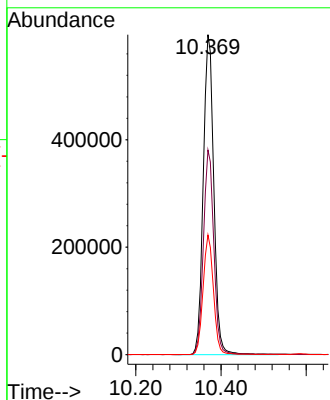
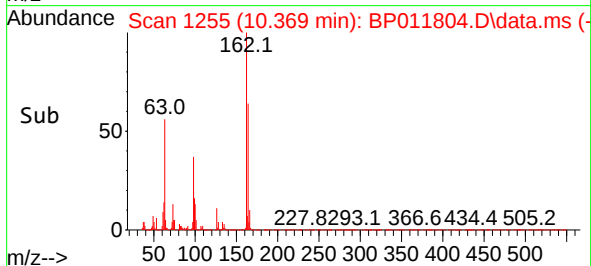
Instrument :  
BNA\_P  
ClientSampleId :  
WC-1MSD



Tgt Ion:162 Resp: 1018952  
Ion Ratio Lower Upper  
162 100  
164 63.9 44.3 84.3  
98 37.4 18.1 58.1

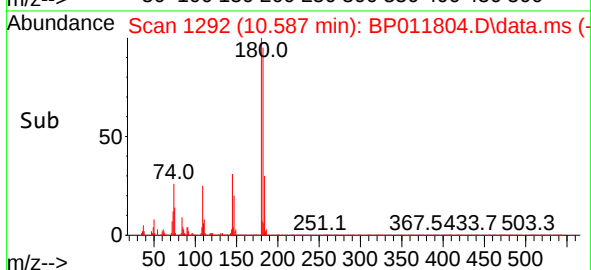
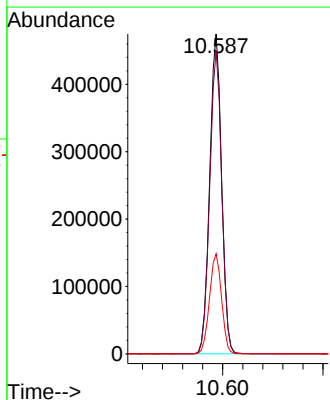
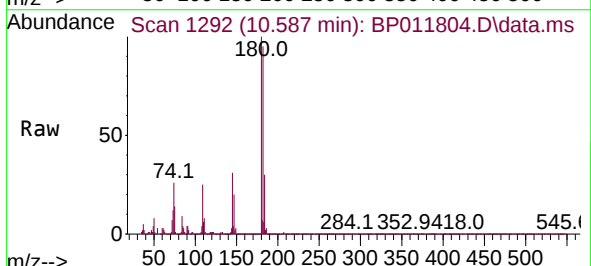
Manual Integrations  
APPROVED

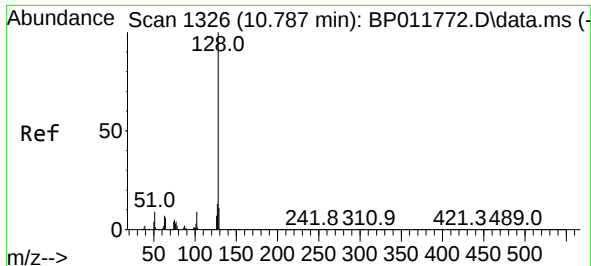
Reviewed By :Christian Giraldo 09/27/2022  
Supervised By :Jagrut Upadhyay 09/27/2022



#30  
1,2,4-Trichlorobenzene  
Concen: 50.089 ng  
RT: 10.587 min Scan# 1292  
Delta R.T. -0.006 min  
Lab File: BP011804.D  
Acq: 26 Sep 2022 19:22

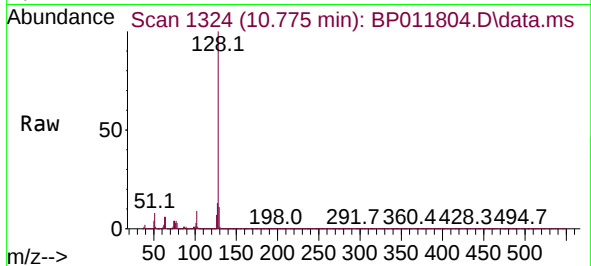
Tgt Ion:180 Resp: 781325  
Ion Ratio Lower Upper  
180 100  
182 94.8 75.2 112.8  
145 31.3 25.8 38.6





#31  
Naphthalene  
Concen: 49.532 ng  
RT: 10.775 min Scan# 1326  
Delta R.T. -0.012 min  
Lab File: BP011804.D  
Acq: 26 Sep 2022 19:22

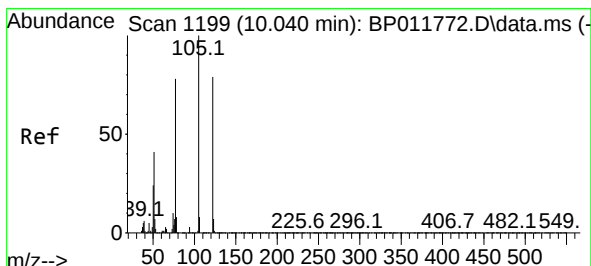
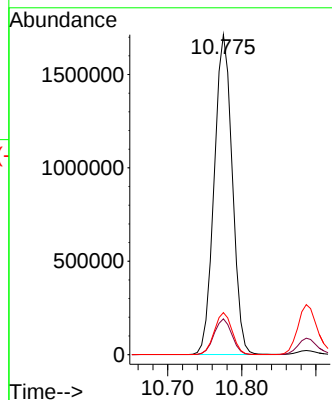
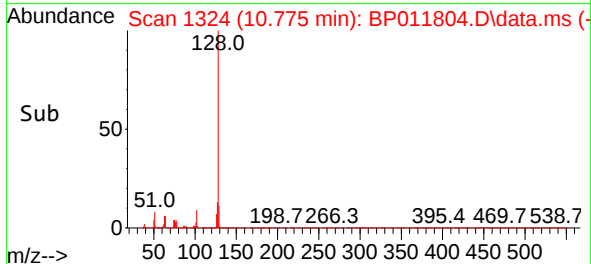
Instrument :  
BNA\_P  
ClientSampleId :  
WC-1MSD



Tgt Ion:128 Resp: 2904364  
Ion Ratio Lower Upper  
128 100  
129 11.2 8.7 13.1  
127 13.1 10.5 15.7

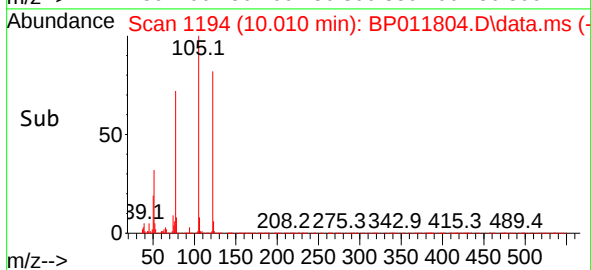
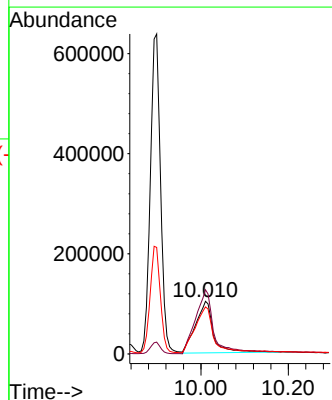
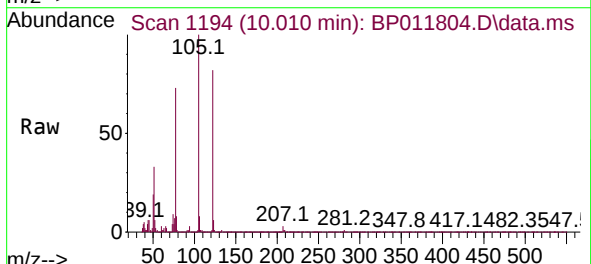
Manual Integrations  
APPROVED

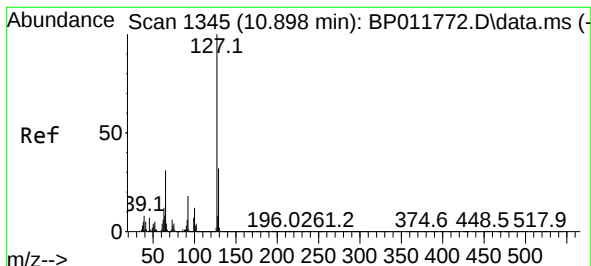
Reviewed By :Christian Giraldo 09/27/2022  
Supervised By :Jagrut Upadhyay 09/27/2022



#32  
Benzoic acid  
Concen: 27.599 ng  
RT: 10.010 min Scan# 1194  
Delta R.T. -0.030 min  
Lab File: BP011804.D  
Acq: 26 Sep 2022 19:22

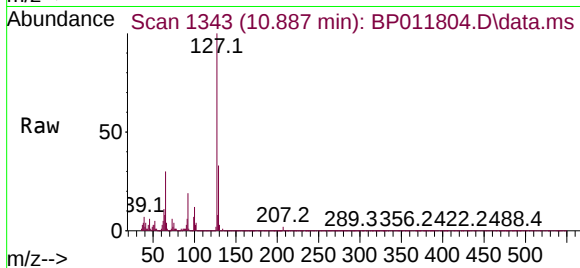
Tgt Ion:122 Resp: 290787  
Ion Ratio Lower Upper  
122 100  
105 122.1 101.0 141.0  
77 89.5 75.9 115.9





#33  
4-Chloroaniline  
Concen: 20.740 ng  
RT: 10.887 min Scan# 1345  
Delta R.T. -0.012 min  
Lab File: BP011804.D  
Acq: 26 Sep 2022 19:22

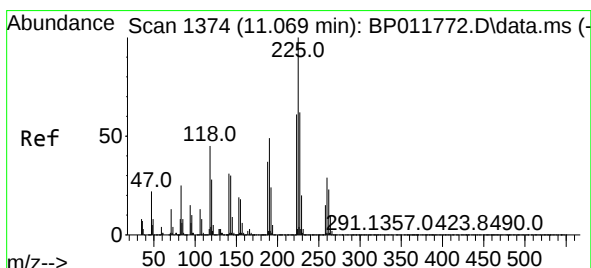
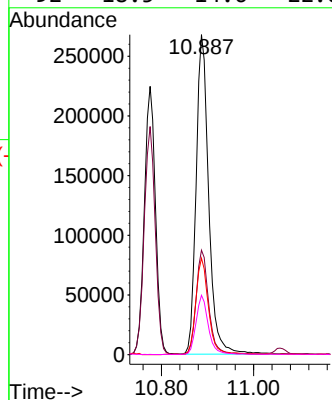
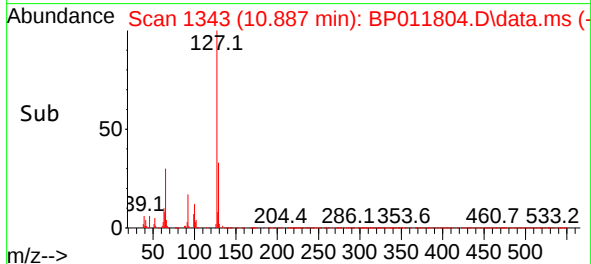
Instrument :  
BNA\_P  
ClientSampleId :  
WC-1MSD



| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 127     | 100   |       |       |
| 129     | 32.6  | 25.8  | 38.8  |
| 65      | 30.1  | 25.1  | 37.7  |
| 92      | 18.5  | 14.6  | 22.0  |

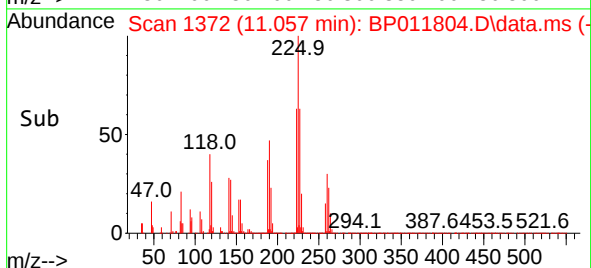
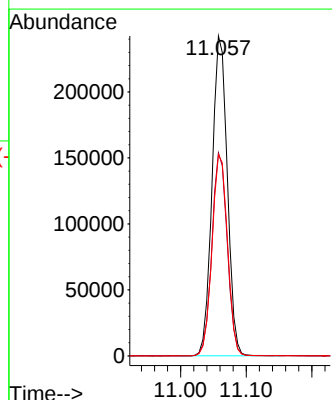
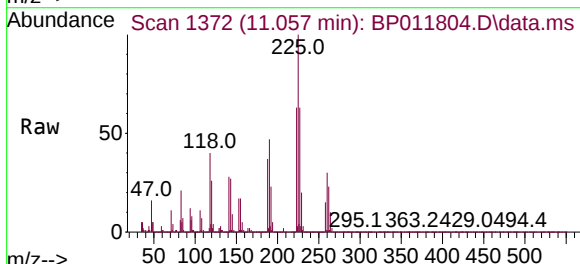
Manual Integrations  
APPROVED

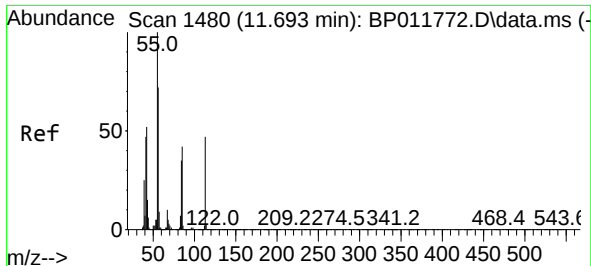
Reviewed By :Christian Giraldo 09/27/2022  
Supervised By :Jagrut Upadhyay 09/27/2022



#34  
Hexachlorobutadiene  
Concen: 49.731 ng  
RT: 11.057 min Scan# 1372  
Delta R.T. -0.012 min  
Lab File: BP011804.D  
Acq: 26 Sep 2022 19:22

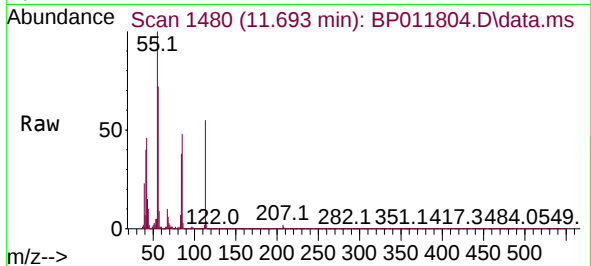
| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 225     | 100   |       |       |
| 223     | 63.5  | 49.0  | 73.4  |
| 227     | 62.9  | 49.6  | 74.4  |





#35  
Caprolactam  
Concen: 58.367 ng m  
RT: 11.693 min Scan# 1480  
Delta R.T. 0.000 min  
Lab File: BP011804.D  
Acq: 26 Sep 2022 19:22

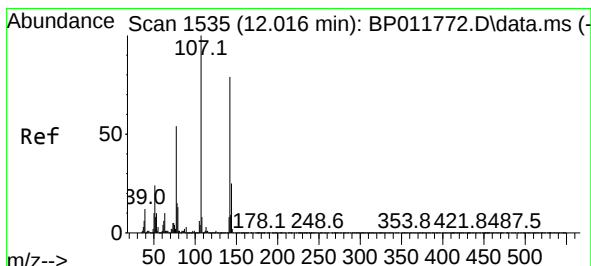
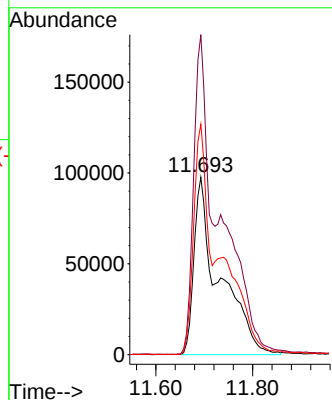
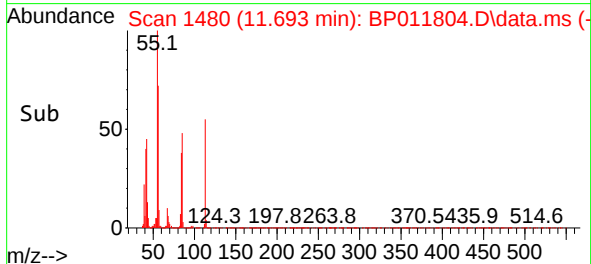
Instrument :  
BNA\_P  
ClientSampleId :  
WC-1MSD



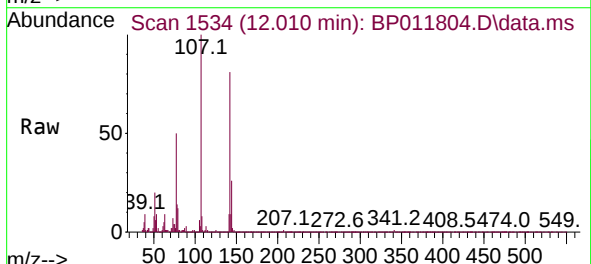
Tgt Ion:113 Resp: 355353  
Ion Ratio Lower Upper  
113 100  
55 180.4 191.1 231.1  
56 129.8 131.1 171.1

Manual Integrations  
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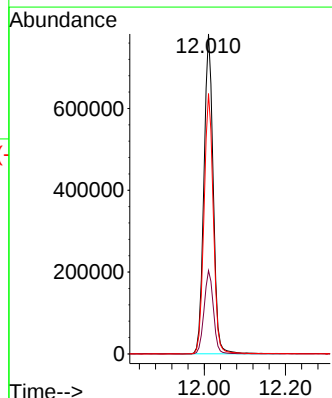
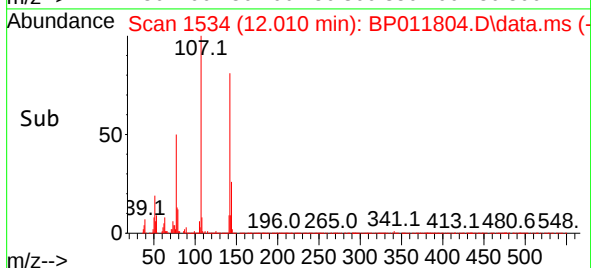
Reviewed By :Christian Giraldo 09/27/2022  
Supervised By :Jagrut Upadhyay 09/27/2022

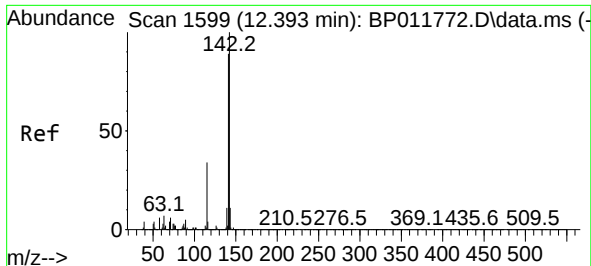


#36  
4-Chloro-3-methylphenol  
Concen: 68.033 ng  
RT: 12.010 min Scan# 1534  
Delta R.T. -0.006 min  
Lab File: BP011804.D  
Acq: 26 Sep 2022 19:22



Tgt Ion:107 Resp: 1236926  
Ion Ratio Lower Upper  
107 100  
144 26.0 20.2 30.2  
142 81.3 63.5 95.3





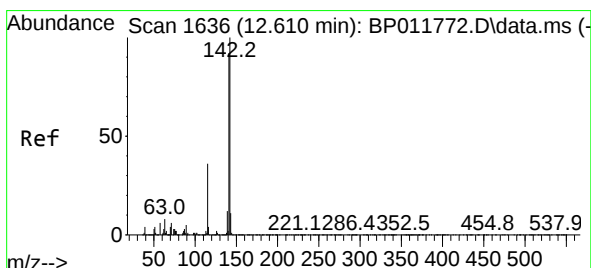
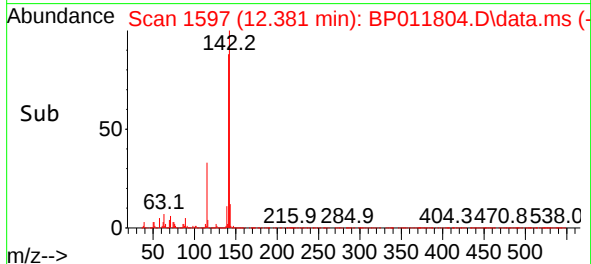
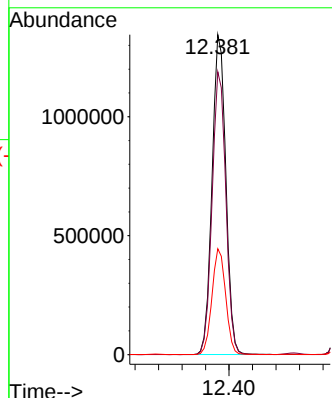
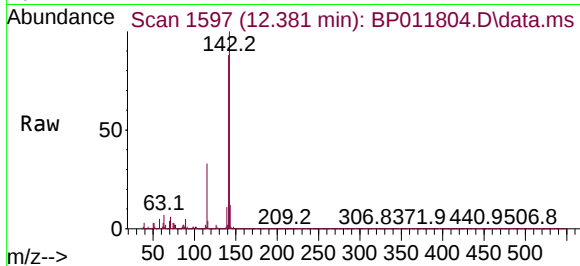
#37  
2-Methylnaphthalene  
Concen: 53.934 ng  
RT: 12.381 min Scan# 1599  
Delta R.T. -0.012 min  
Lab File: BP011804.D  
Acq: 26 Sep 2022 19:22

Instrument :  
BNA\_P  
ClientSampleId :  
WC-1MSD

Tgt Ion:142 Resp: 2183956  
Ion Ratio Lower Upper  
142 100  
141 88.4 71.1 106.7  
115 33.1 27.4 41.0

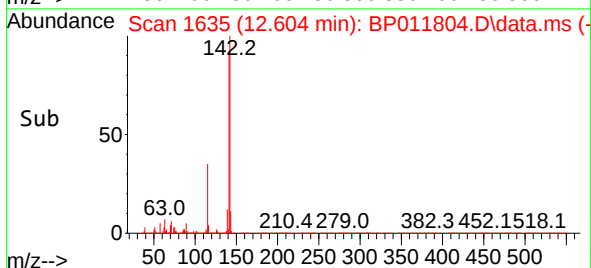
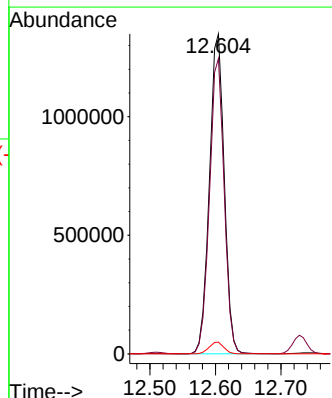
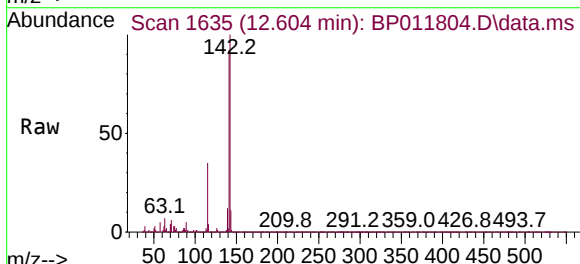
Manual Integrations  
APPROVED

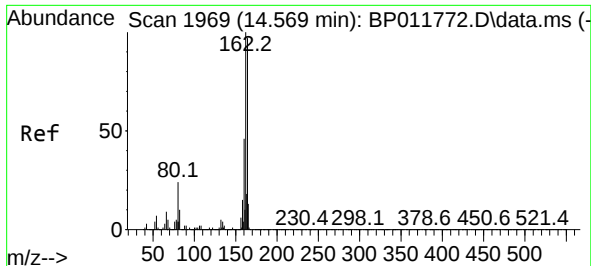
Reviewed By :Christian Giraldo 09/27/2022  
Supervised By :Jagrut Upadhyay 09/27/2022



#38  
1-Methylnaphthalene  
Concen: 53.031 ng  
RT: 12.604 min Scan# 1635  
Delta R.T. -0.006 min  
Lab File: BP011804.D  
Acq: 26 Sep 2022 19:22

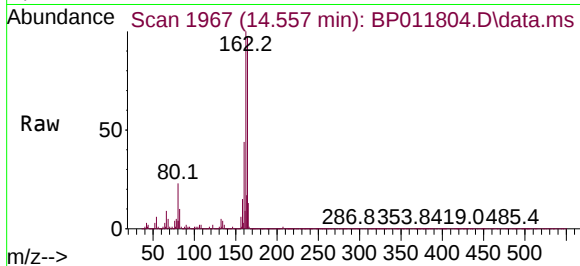
Tgt Ion:142 Resp: 2114638  
Ion Ratio Lower Upper  
142 100  
141 92.3 73.4 110.2  
116 3.7 3.0 4.6





#39  
Acenaphthene-d10  
Concen: 20.000 ng  
RT: 14.557 min Scan# 1967  
Delta R.T. -0.012 min  
Lab File: BP011804.D  
Acq: 26 Sep 2022 19:22

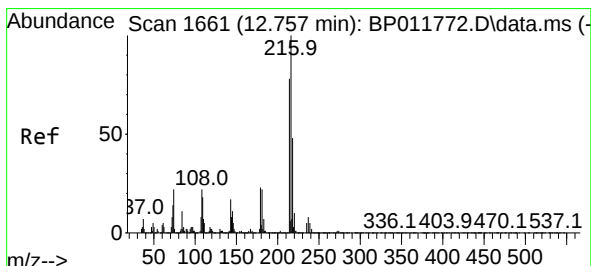
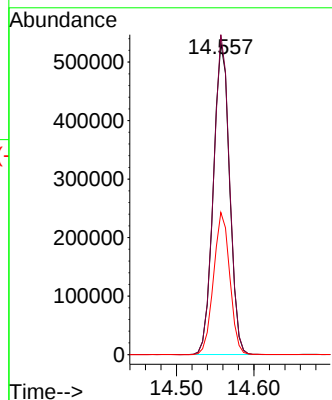
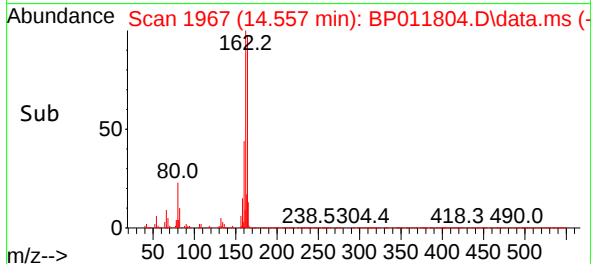
Instrument :  
BNA\_P  
ClientSampleId :  
WC-1MSD



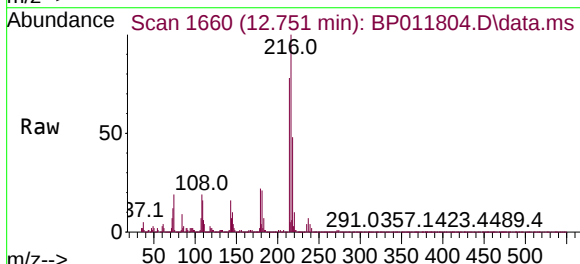
Tgt Ion:164 Resp: 775593  
Ion Ratio Lower Upper  
164 100  
162 102.8 82.5 123.7  
160 45.7 37.8 56.6

Manual Integrations  
APPROVED

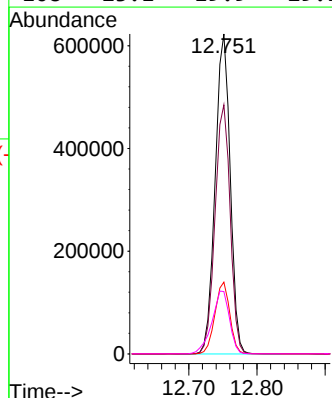
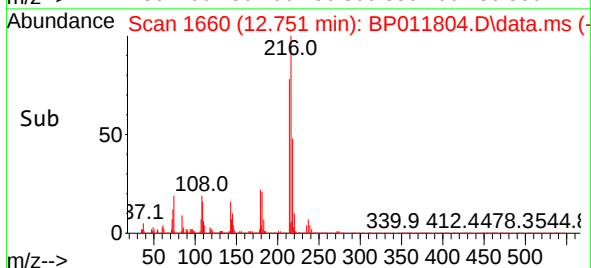
Reviewed By :Christian Giraldo 09/27/2022  
Supervised By :Jagrut Upadhyay 09/27/2022

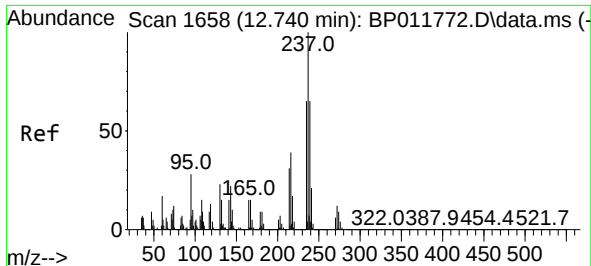


#40  
1,2,4,5-Tetrachlorobenzene  
Concen: 54.142 ng  
RT: 12.751 min Scan# 1660  
Delta R.T. -0.006 min  
Lab File: BP011804.D  
Acq: 26 Sep 2022 19:22



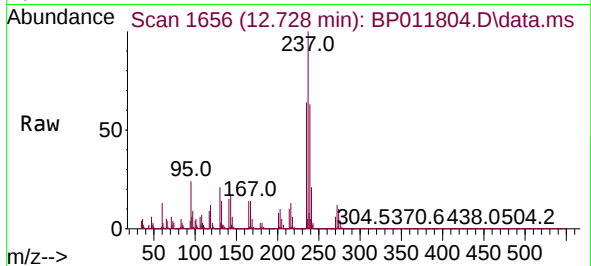
Tgt Ion:216 Resp: 946363  
Ion Ratio Lower Upper  
216 100  
214 78.7 63.3 94.9  
179 22.3 18.5 27.7  
108 23.1 19.9 29.9





#41  
Hexachlorocyclopentadiene  
Concen: 92.363 ng  
RT: 12.728 min Scan# 1656  
Delta R.T. -0.012 min  
Lab File: BP011804.D  
Acq: 26 Sep 2022 19:22

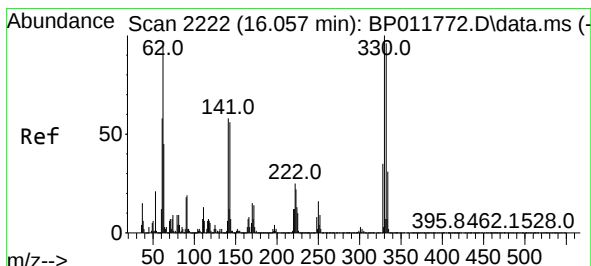
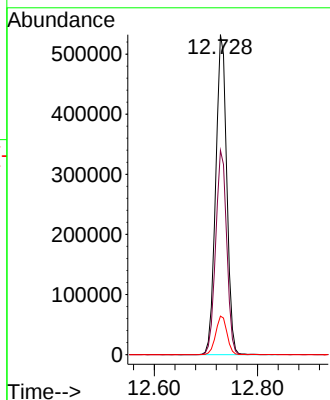
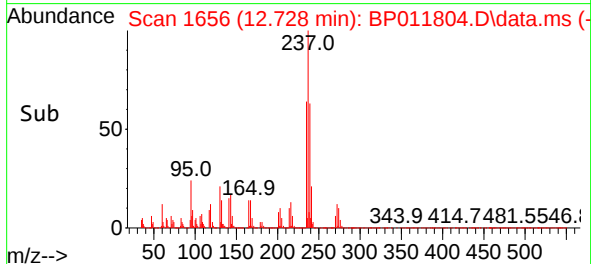
Instrument :  
BNA\_P  
ClientSampleId :  
WC-1MSD



Tgt Ion: 237 Resp: 791773  
Ion Ratio Lower Upper  
237 100  
235 63.8 45.5 85.5  
272 12.0 0.0 31.6

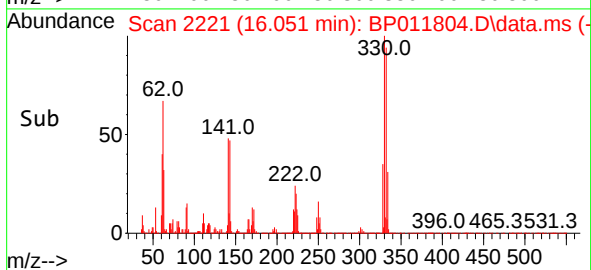
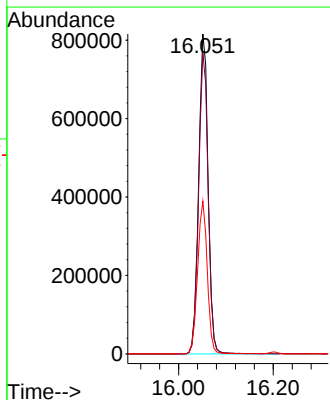
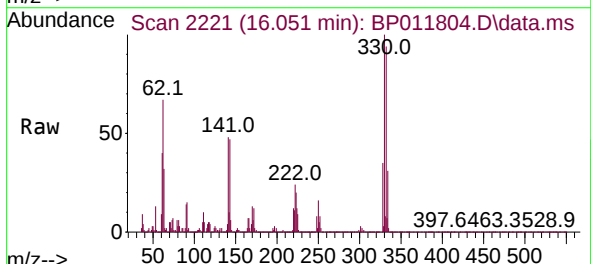
Manual Integrations  
APPROVED

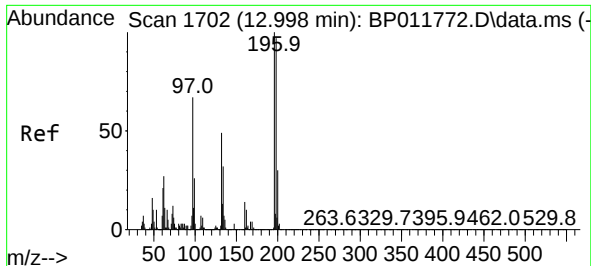
Reviewed By : Christian Giraldo 09/27/2022  
Supervised By : Jagrut Upadhyay 09/27/2022



#42  
2,4,6-Tribromophenol  
Concen: 217.131 ng  
RT: 16.051 min Scan# 2221  
Delta R.T. -0.006 min  
Lab File: BP011804.D  
Acq: 26 Sep 2022 19:22

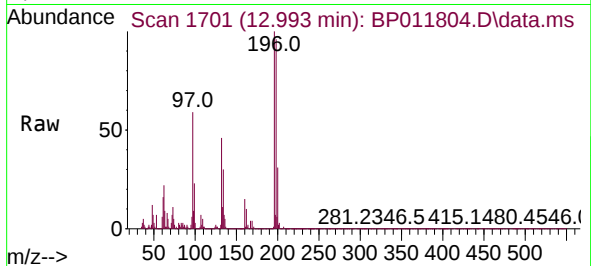
Tgt Ion: 330 Resp: 1133952  
Ion Ratio Lower Upper  
330 100  
332 94.2 76.6 114.8  
141 48.7 48.7 73.1#





#43  
2,4,6-Trichlorophenol  
Concen: 61.963 ng  
RT: 12.993 min Scan# 1702  
Delta R.T. -0.006 min  
Lab File: BP011804.D  
Acq: 26 Sep 2022 19:22

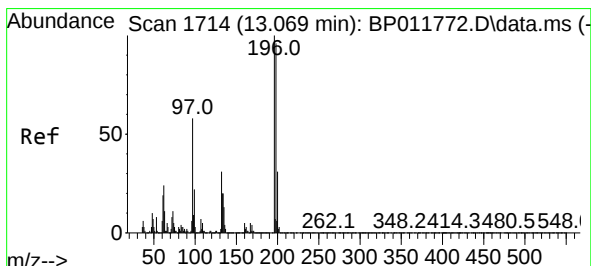
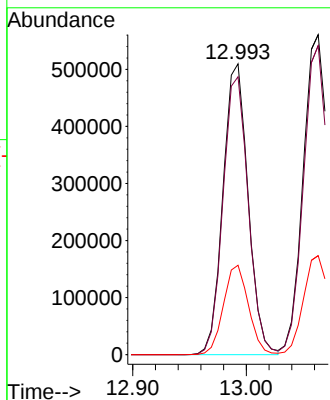
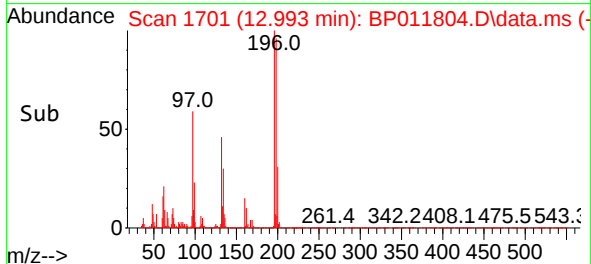
Instrument :  
BNA\_P  
ClientSampleId :  
WC-1MSD



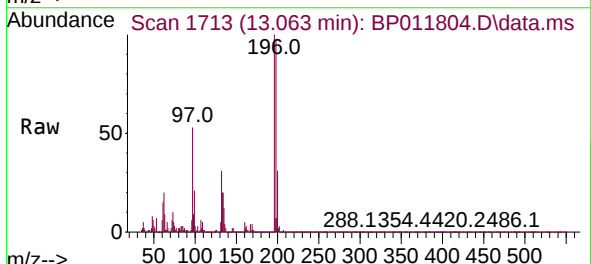
Tgt Ion:196 Resp: 783992  
Ion Ratio Lower Upper  
196 100  
198 95.5 77.8 116.6  
200 30.7 24.3 36.5

Manual Integrations  
APPROVED

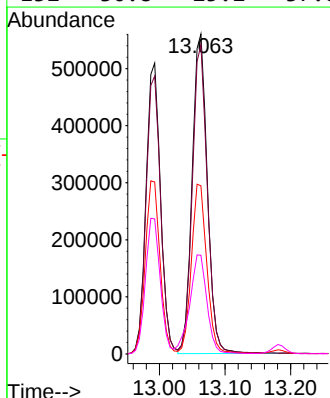
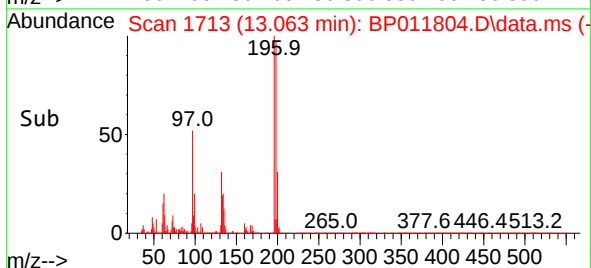
Reviewed By :Christian Giraldo 09/27/2022  
Supervised By :Jagrut Upadhyay 09/27/2022

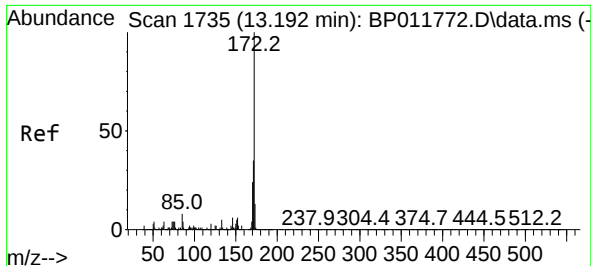


#44  
2,4,5-Trichlorophenol  
Concen: 61.913 ng  
RT: 13.063 min Scan# 1713  
Delta R.T. -0.006 min  
Lab File: BP011804.D  
Acq: 26 Sep 2022 19:22



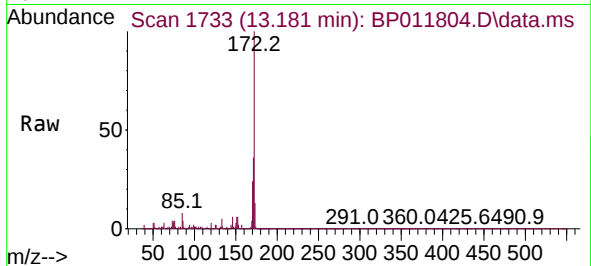
Tgt Ion:196 Resp: 900388  
Ion Ratio Lower Upper  
196 100  
198 96.6 77.0 115.6  
97 52.5 46.2 69.4  
132 30.8 25.2 37.8





#45  
2-Fluorobiphenyl  
Concen: 95.717 ng  
RT: 13.181 min Scan# 1733  
Delta R.T. -0.012 min  
Lab File: BP011804.D  
Acq: 26 Sep 2022 19:22

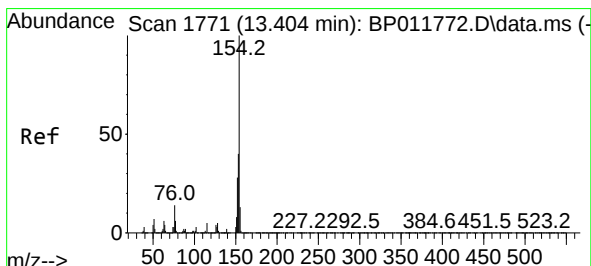
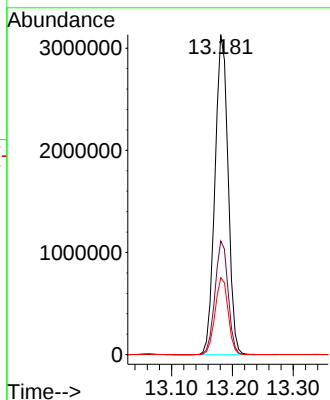
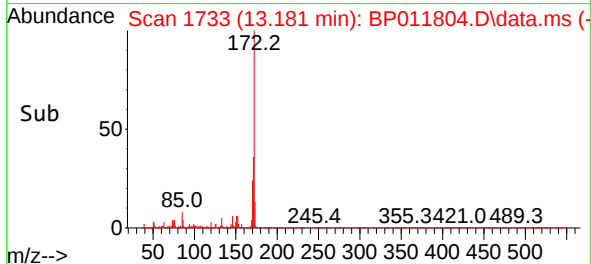
Instrument :  
BNA\_P  
ClientSampleId :  
WC-1MSD



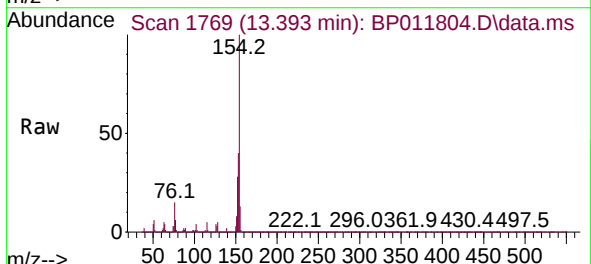
Tgt Ion:172 Resp: 4694424  
Ion Ratio Lower Upper  
172 100  
171 35.5 27.9 41.9  
170 24.0 19.5 29.3

Manual Integrations  
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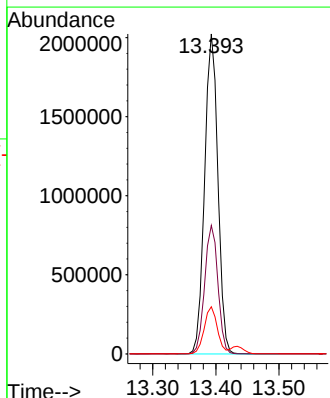
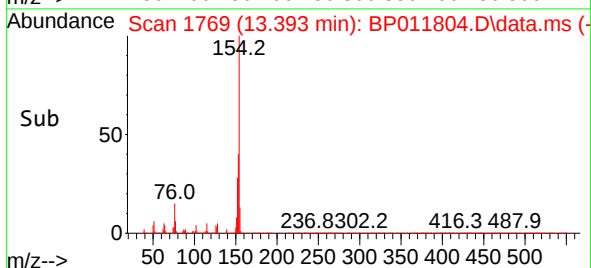
Reviewed By :Christian Giraldo 09/27/2022  
Supervised By :Jagrut Upadhyay 09/27/2022

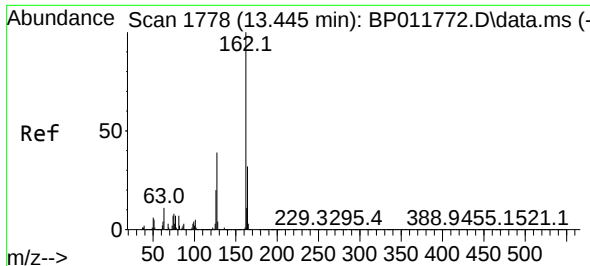


#46  
1,1'-Biphenyl  
Concen: 52.203 ng  
RT: 13.393 min Scan# 1769  
Delta R.T. -0.012 min  
Lab File: BP011804.D  
Acq: 26 Sep 2022 19:22



Tgt Ion:154 Resp: 2941673  
Ion Ratio Lower Upper  
154 100  
153 40.1 19.5 59.5  
76 14.7 0.0 34.2





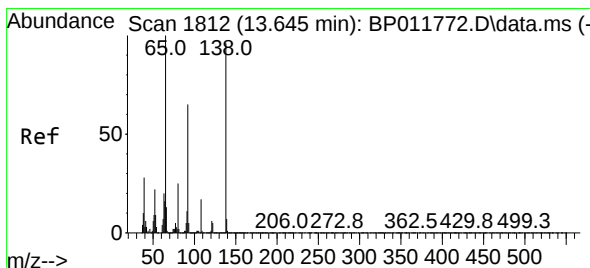
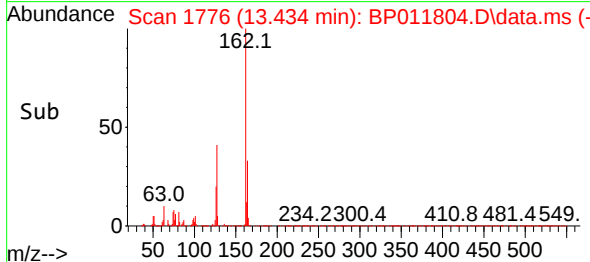
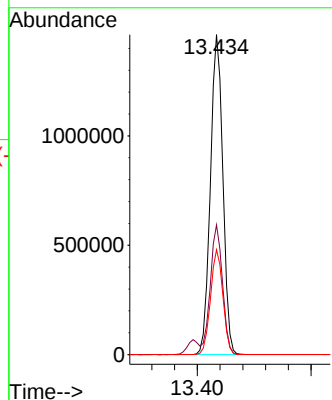
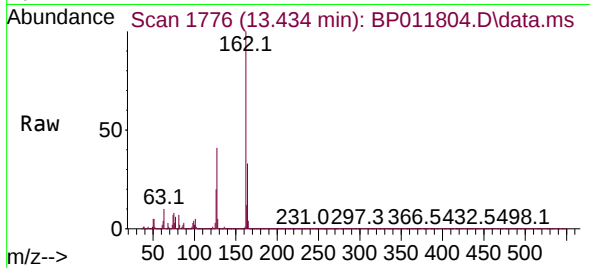
#47  
2-Chloronaphthalene  
Concen: 51.072 ng  
RT: 13.434 min Scan# 11  
Delta R.T. -0.012 min  
Lab File: BP011804.D  
Acq: 26 Sep 2022 19:22

Instrument :  
BNA\_P  
ClientSampleId :  
WC-1MSD

Tgt Ion: 162 Resp: 2232307  
Ion Ratio Lower Upper  
162 100  
127 40.5 31.5 47.3  
164 32.8 25.9 38.9

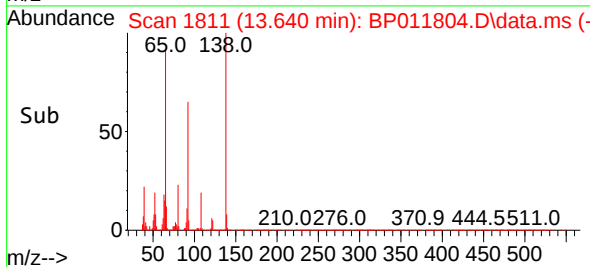
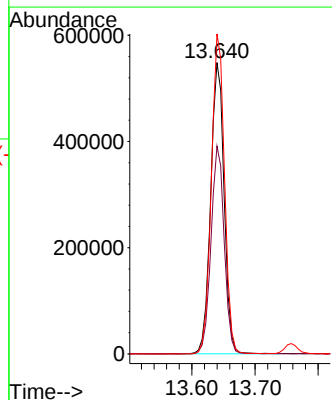
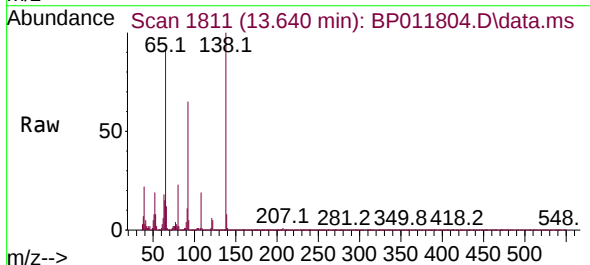
Manual Integrations  
APPROVED

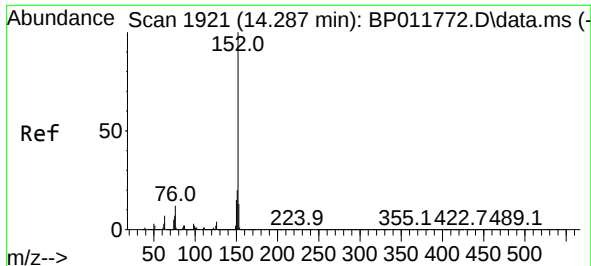
Reviewed By :Christian Giraldo 09/27/2022  
Supervised By :Jagrut Upadhyay 09/27/2022



#48  
2-Nitroaniline  
Concen: 51.944 ng  
RT: 13.640 min Scan# 1811  
Delta R.T. -0.006 min  
Lab File: BP011804.D  
Acq: 26 Sep 2022 19:22

Tgt Ion: 65 Resp: 809492  
Ion Ratio Lower Upper  
65 100  
92 71.3 52.3 78.5  
138 109.8 76.5 114.7





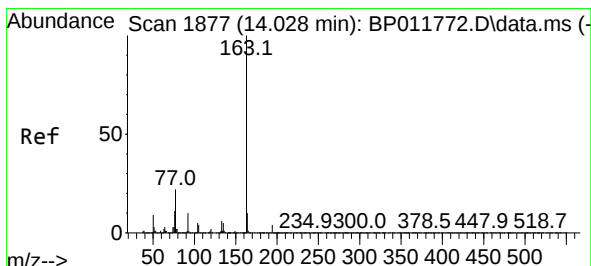
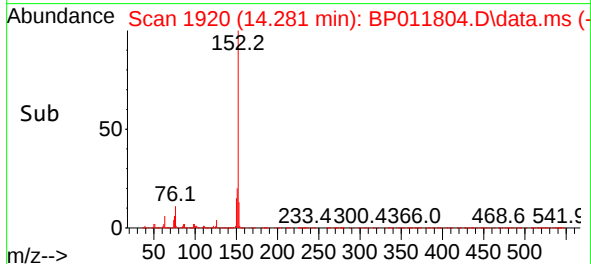
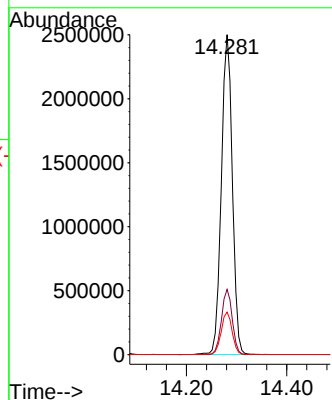
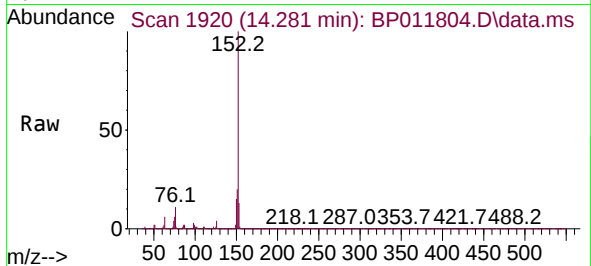
#49  
Acenaphthylene  
Concen: 52.444 ng  
RT: 14.281 min Scan# 1921  
Delta R.T. -0.006 min  
Lab File: BP011804.D  
Acq: 26 Sep 2022 19:22

Instrument :  
BNA\_P  
ClientSampleId :  
WC-1MSD

Tgt Ion:152 Resp: 380489  
Ion Ratio Lower Upper  
152 100  
151 20.4 16.2 24.4  
153 13.3 10.6 16.0

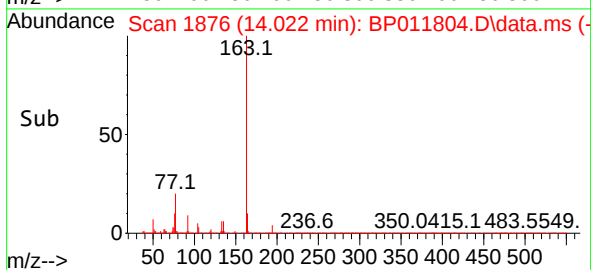
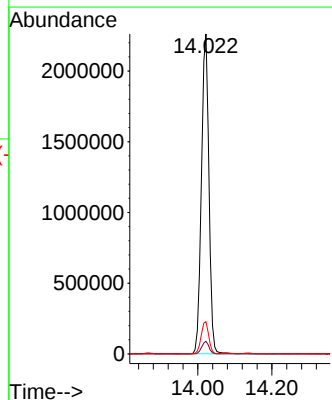
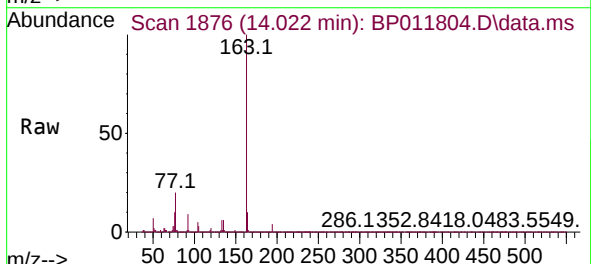
Manual Integrations  
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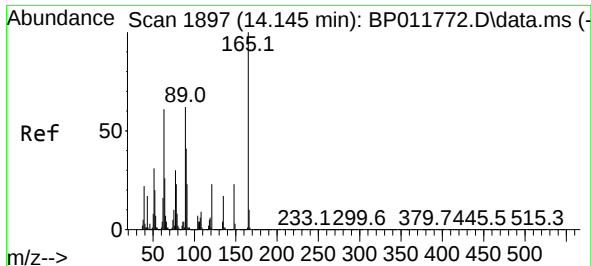
Reviewed By :Christian Giraldo 09/27/2022  
Supervised By :Jagrut Upadhyay 09/27/2022



#50  
Dimethylphthalate  
Concen: 55.852 ng  
RT: 14.022 min Scan# 1876  
Delta R.T. -0.006 min  
Lab File: BP011804.D  
Acq: 26 Sep 2022 19:22

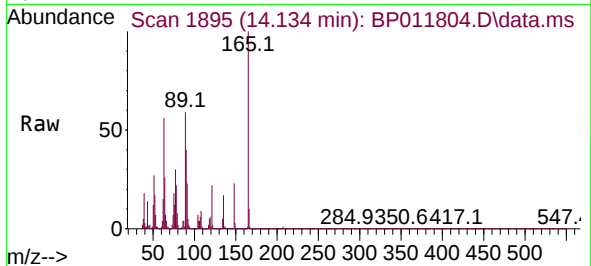
Tgt Ion:163 Resp: 3176150  
Ion Ratio Lower Upper  
163 100  
194 3.9 3.0 4.4  
164 10.1 8.2 12.4





#51  
2,6-Dinitrotoluene  
Concen: 58.877 ng  
RT: 14.134 min Scan# 1895  
Delta R.T. -0.012 min  
Lab File: BP011804.D  
Acq: 26 Sep 2022 19:22

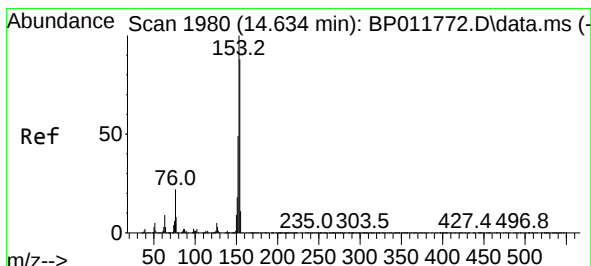
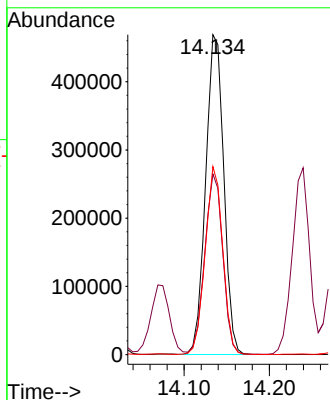
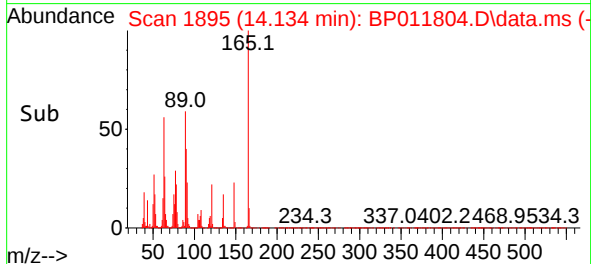
Instrument :  
BNA\_P  
ClientSampleId :  
WC-1MSD



Tgt Ion:165 Resp: 691279  
Ion Ratio Lower Upper  
165 100  
63 56.4 51.0 76.4  
89 58.7 49.3 73.9

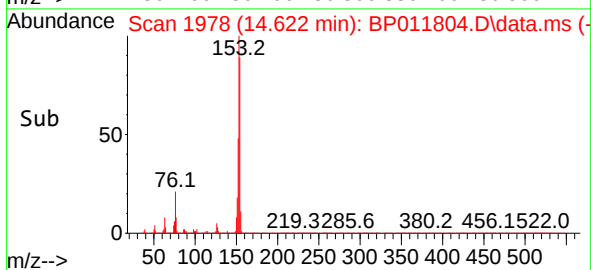
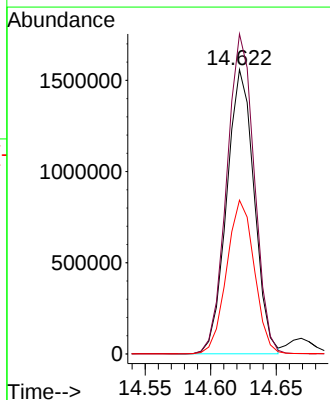
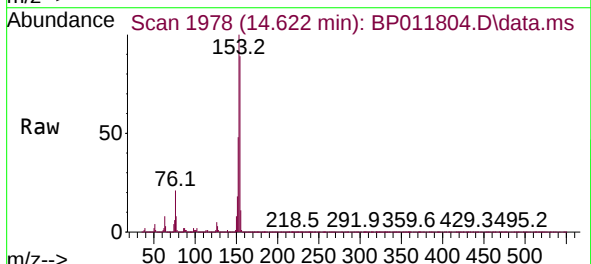
Manual Integrations  
APPROVED

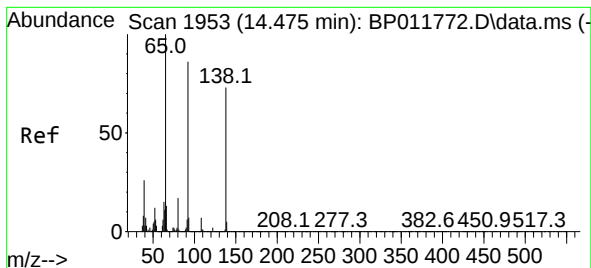
Reviewed By :Christian Giraldo 09/27/2022  
Supervised By :Jagrut Upadhyay 09/27/2022



#52  
Acenaphthene  
Concen: 51.102 ng  
RT: 14.622 min Scan# 1978  
Delta R.T. -0.012 min  
Lab File: BP011804.D  
Acq: 26 Sep 2022 19:22

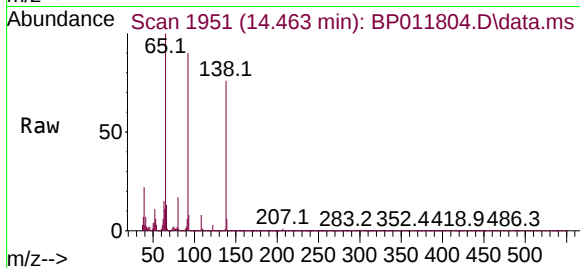
Tgt Ion:154 Resp: 2273812  
Ion Ratio Lower Upper  
154 100  
153 112.6 90.8 136.2  
152 54.0 44.6 66.8





#53  
3-Nitroaniline  
Concen: 42.098 ng  
RT: 14.463 min Scan# 1953  
Delta R.T. -0.012 min  
Lab File: BP011804.D  
Acq: 26 Sep 2022 19:22

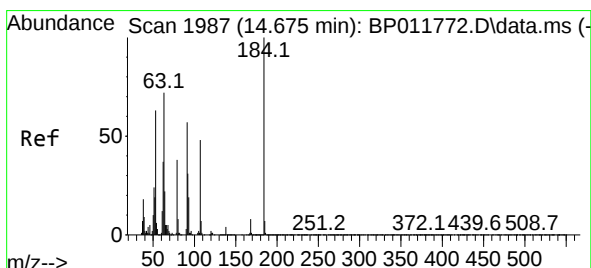
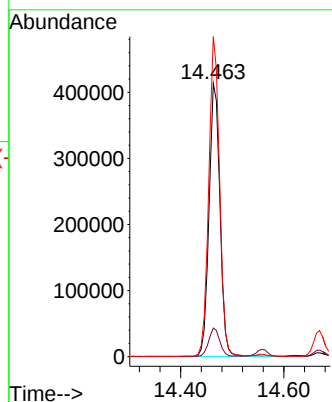
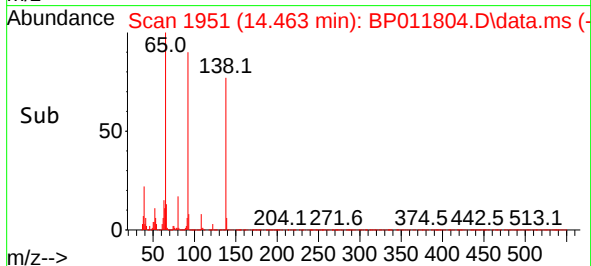
Instrument :  
BNA\_P  
ClientSampleId :  
WC-1MSD



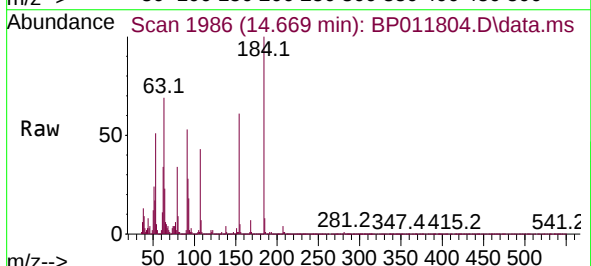
Tgt Ion:138 Resp: 605382  
Ion Ratio Lower Upper  
138 100  
108 10.4 7.6 11.4  
92 117.2 94.6 142.0

Manual Integrations  
APPROVED

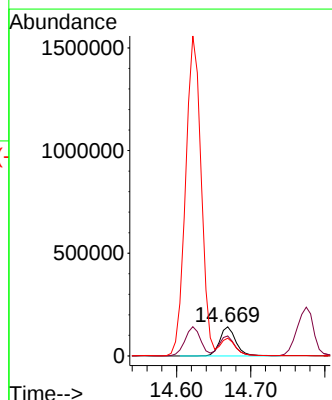
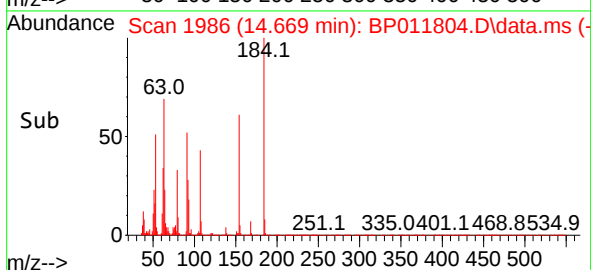
Reviewed By :Christian Giraldo 09/27/2022  
Supervised By :Jagrut Upadhyay 09/27/2022

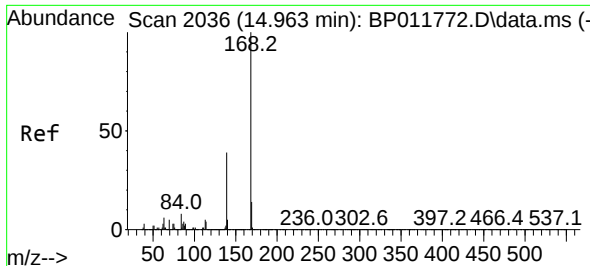


#54  
2,4-Dinitrophenol  
Concen: 38.074 ng  
RT: 14.669 min Scan# 1986  
Delta R.T. -0.006 min  
Lab File: BP011804.D  
Acq: 26 Sep 2022 19:22



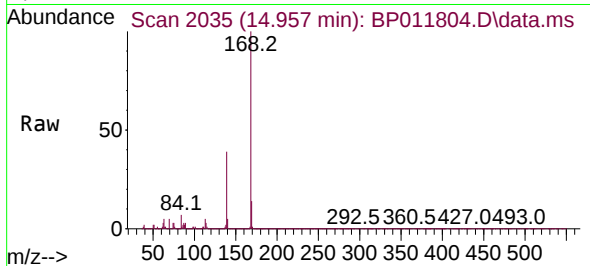
Tgt Ion:184 Resp: 212236  
Ion Ratio Lower Upper  
184 100  
63 68.9 65.7 98.5  
154 60.8 48.2 72.4





#55  
Dibenzenofuran  
Concen: 52.856 ng  
RT: 14.957 min Scan# 2035  
Delta R.T. -0.006 min  
Lab File: BP011804.D  
Acq: 26 Sep 2022 19:22

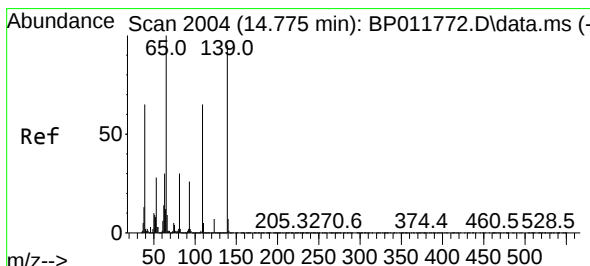
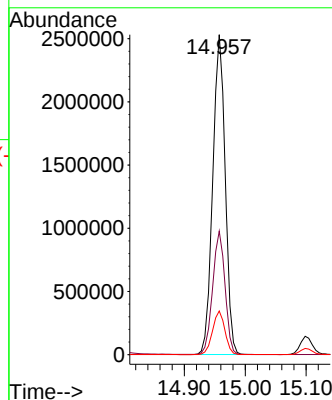
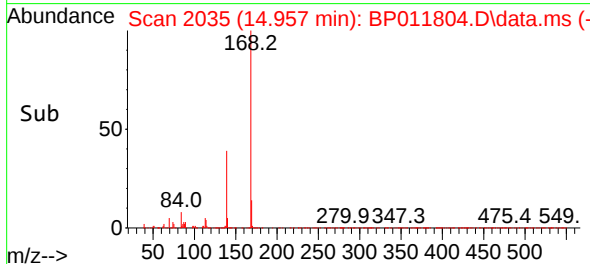
Instrument :  
BNA\_P  
ClientSampleId :  
WC-1MSD



Tgt Ion:168 Resp: 3604758  
Ion Ratio Lower Upper  
168 100  
139 38.6 31.3 46.9  
169 13.6 11.0 16.4

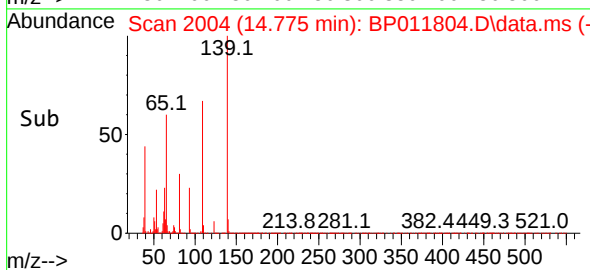
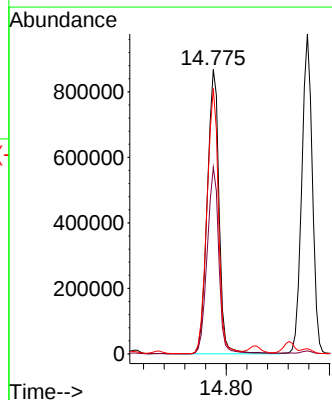
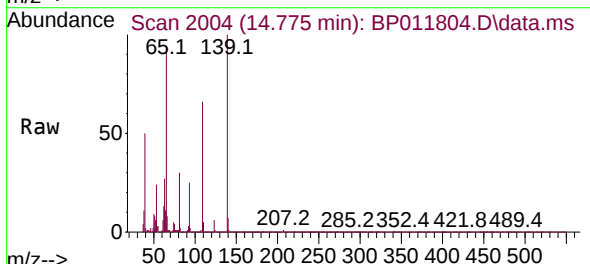
Manual Integrations  
APPROVED

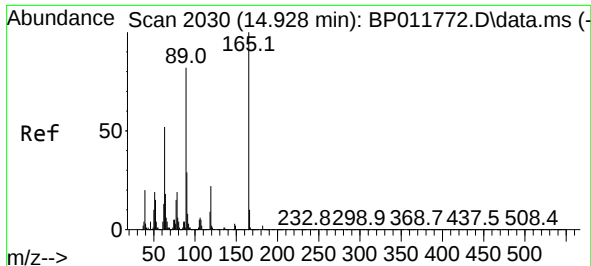
Reviewed By :Christian Giraldo 09/27/2022  
Supervised By :Jagrut Upadhyay 09/27/2022



#56  
4-Nitrophenol  
Concen: 114.971 ng  
RT: 14.775 min Scan# 2004  
Delta R.T. -0.000 min  
Lab File: BP011804.D  
Acq: 26 Sep 2022 19:22

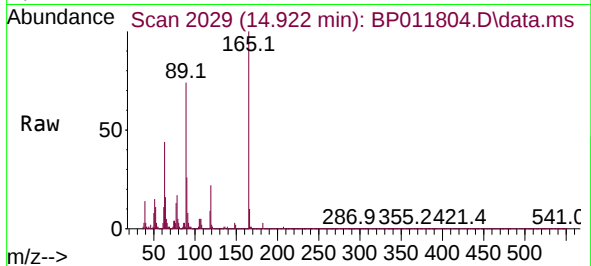
Tgt Ion:139 Resp: 1372981  
Ion Ratio Lower Upper  
139 100  
109 65.6 48.3 88.3  
65 93.3 85.0 125.0





#57  
2,4-Dinitrotoluene  
Concen: 55.658 ng  
RT: 14.922 min Scan# 2030  
Delta R.T. -0.006 min  
Lab File: BP011804.D  
Acq: 26 Sep 2022 19:22

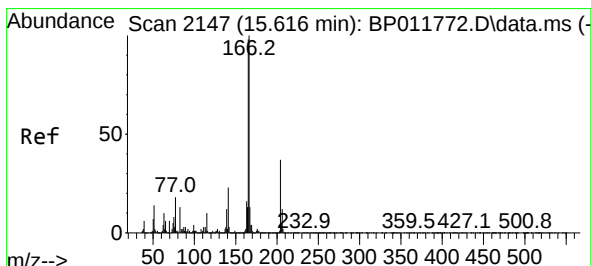
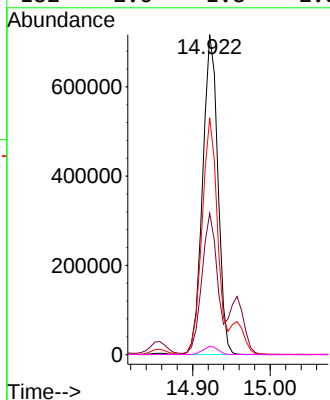
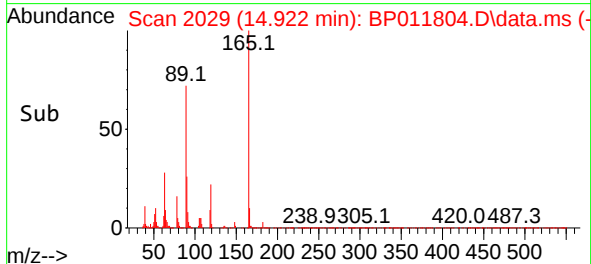
Instrument :  
BNA\_P  
ClientSampleId :  
WC-1MSD



Tgt Ion:165 Resp: 978120  
Ion Ratio Lower Upper  
165 100  
63 44.2 41.4 62.2  
89 74.0 66.0 99.0  
182 2.6 1.8 2.8

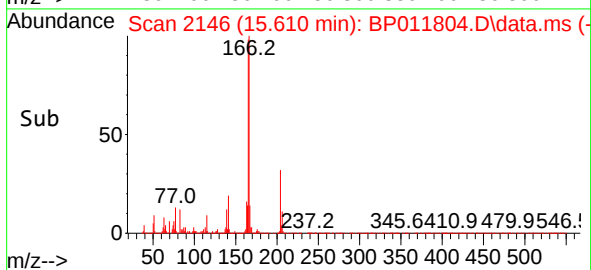
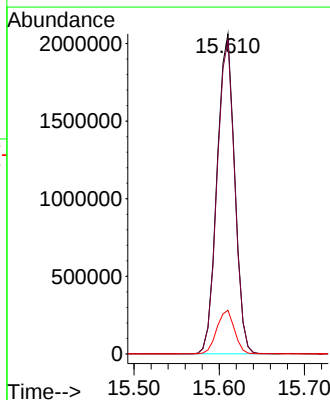
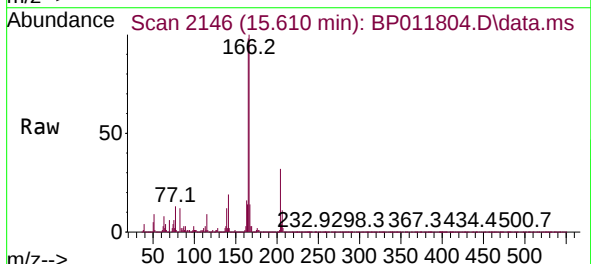
Manual Integrations  
APPROVED

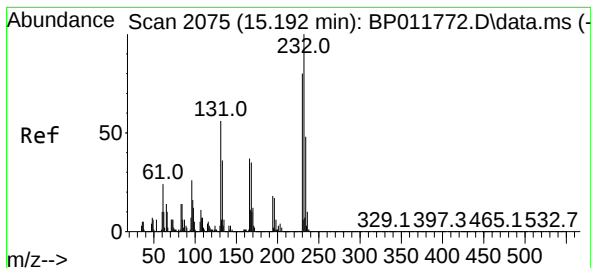
Reviewed By :Christian Giraldo 09/27/2022  
Supervised By :Jagrut Upadhyay 09/27/2022



#58  
Fluorene  
Concen: 51.193 ng  
RT: 15.610 min Scan# 2146  
Delta R.T. -0.006 min  
Lab File: BP011804.D  
Acq: 26 Sep 2022 19:22

Tgt Ion:166 Resp: 2962020  
Ion Ratio Lower Upper  
166 100  
165 98.1 78.2 117.4  
167 13.6 10.7 16.1





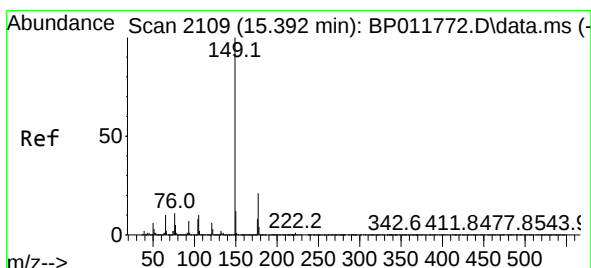
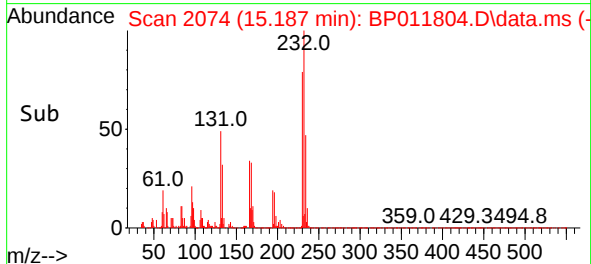
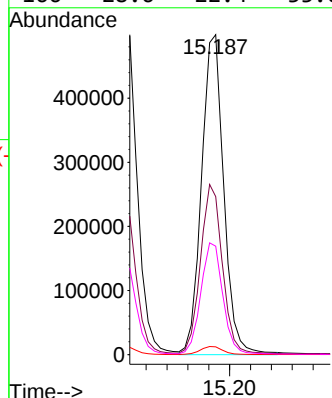
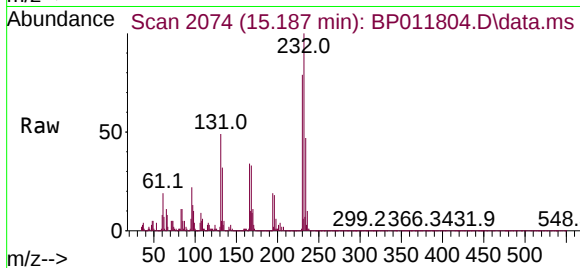
#59  
2,3,4,6-Tetrachlorophenol  
Concen: 62.249 ng m  
RT: 15.187 min Scan# 2074  
Delta R.T. -0.006 min  
Lab File: BP011804.D  
Acq: 26 Sep 2022 19:22

Instrument :  
BNA\_P  
ClientSampleId :  
WC-1MSD

Tgt Ion:232 Resp: 73914  
Ion Ratio Lower Upper  
232 100  
131 47.1 39.5 59.3  
130 2.6 2.3 3.5  
166 28.6 22.4 33.6

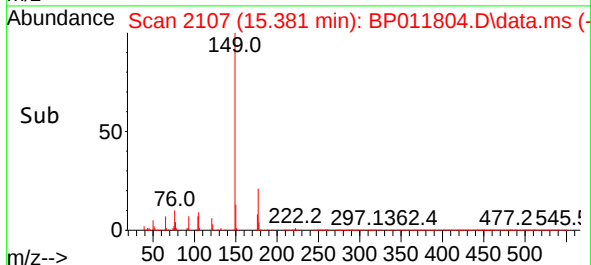
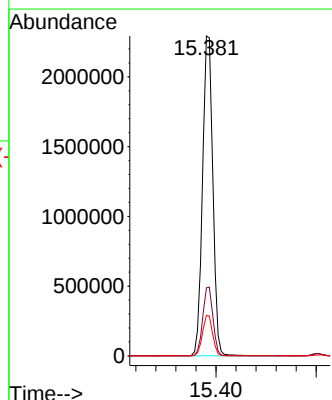
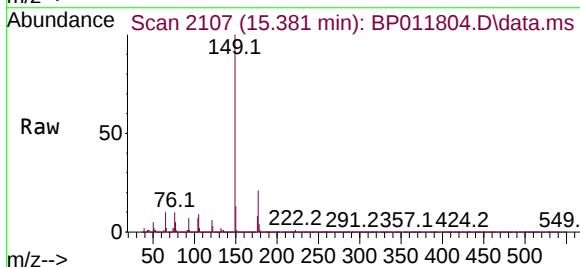
Manual Integrations  
APPROVED

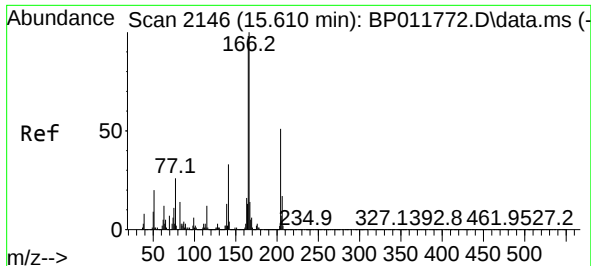
Reviewed By :Christian Giraldo 09/27/2022  
Supervised By :Jagrut Upadhyay 09/27/2022



#60  
Diethylphthalate  
Concen: 55.296 ng  
RT: 15.381 min Scan# 2107  
Delta R.T. -0.012 min  
Lab File: BP011804.D  
Acq: 26 Sep 2022 19:22

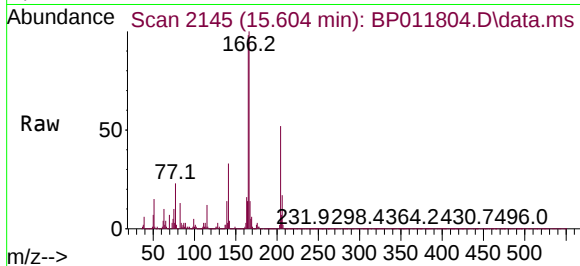
Tgt Ion:149 Resp: 3283354  
Ion Ratio Lower Upper  
149 100  
177 21.3 16.9 25.3  
150 12.6 9.8 14.8





#61  
4-Chlorophenyl-phenylether  
Concen: 55.770 ng  
RT: 15.604 min Scan# 2146  
Delta R.T. -0.006 min  
Lab File: BP011804.D  
Acq: 26 Sep 2022 19:22

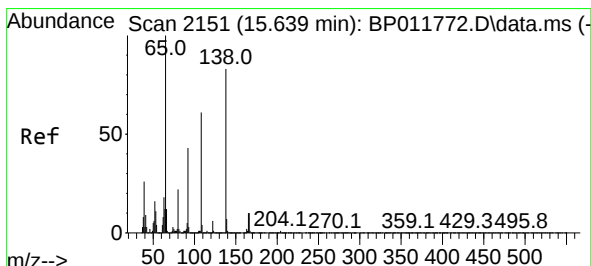
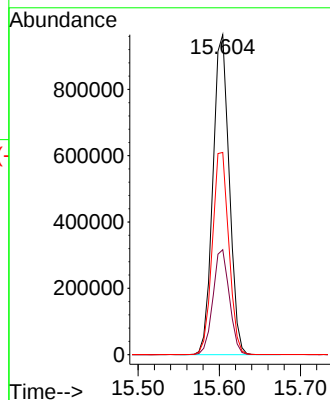
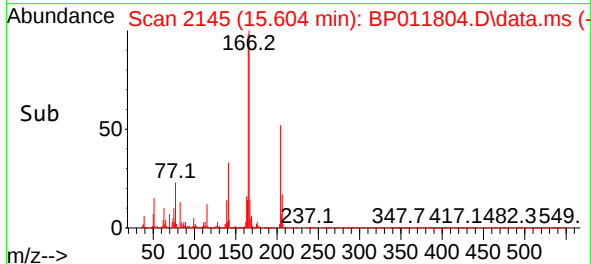
Instrument :  
BNA\_P  
ClientSampleId :  
WC-1MSD



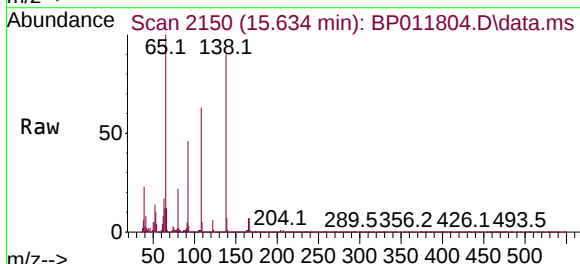
Tgt Ion:204 Resp: 1349126  
Ion Ratio Lower Upper  
204 100  
206 32.8 26.2 39.4  
141 63.2 51.4 77.2

Manual Integrations  
APPROVED

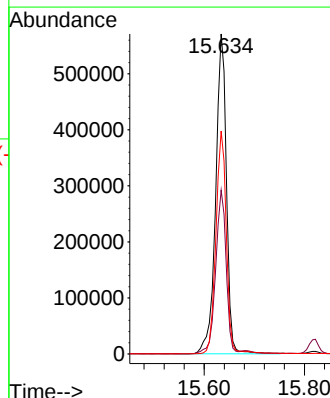
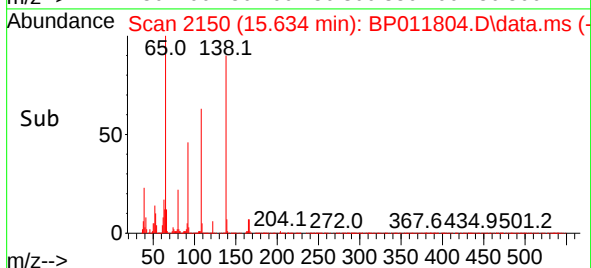
Reviewed By :Christian Giraldo 09/27/2022  
Supervised By :Jagrut Upadhyay 09/27/2022

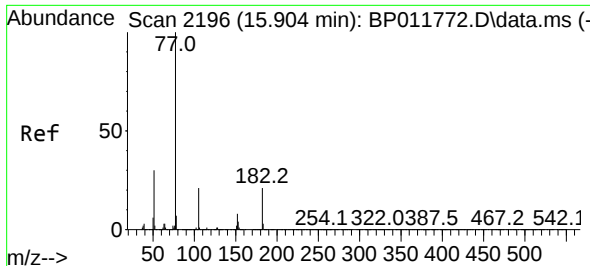


#62  
4-Nitroaniline  
Concen: 50.615 ng  
RT: 15.634 min Scan# 2150  
Delta R.T. -0.005 min  
Lab File: BP011804.D  
Acq: 26 Sep 2022 19:22



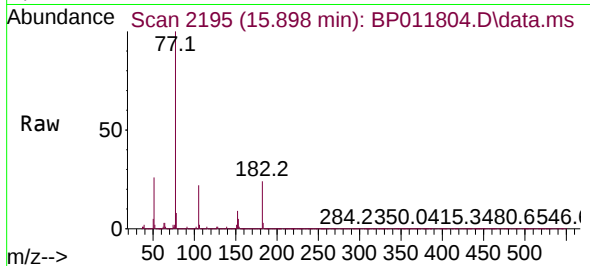
Tgt Ion:138 Resp: 853316  
Ion Ratio Lower Upper  
138 100  
92 51.2 31.9 71.9  
108 69.6 53.3 93.3





#63  
Azobenzene  
Concen: 48.714 ng  
RT: 15.898 min Scan# 2196  
Delta R.T. -0.006 min  
Lab File: BP011804.D  
Acq: 26 Sep 2022 19:22

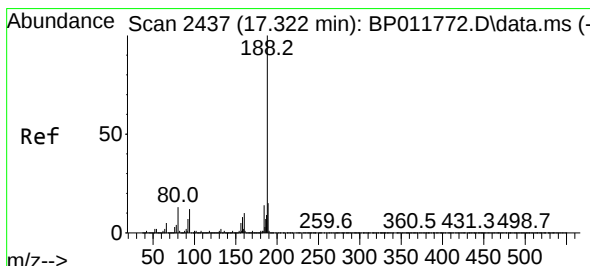
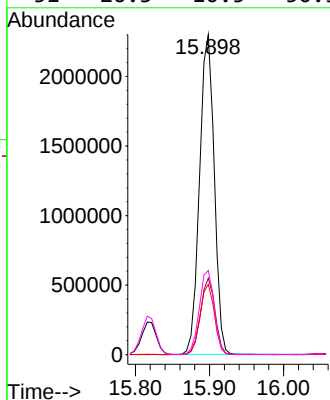
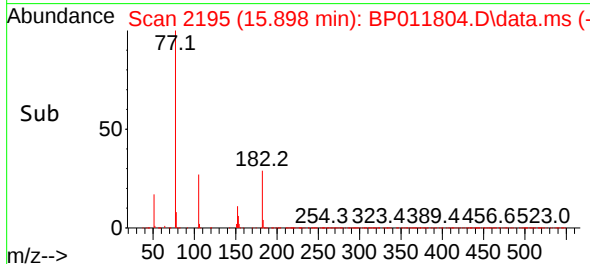
Instrument :  
BNA\_P  
ClientSampleId :  
WC-1MSD



Tgt Ion: 77 Resp: 316726  
Ion Ratio Lower Upper  
77 100  
182 23.9 1.3 41.3  
105 21.9 0.5 40.5  
51 26.3 10.5 50.5

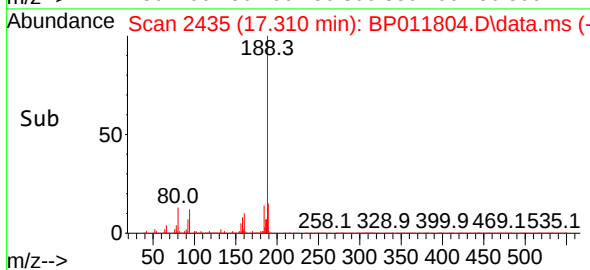
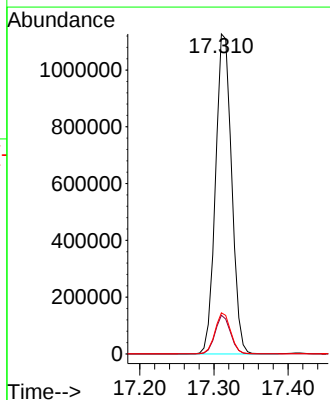
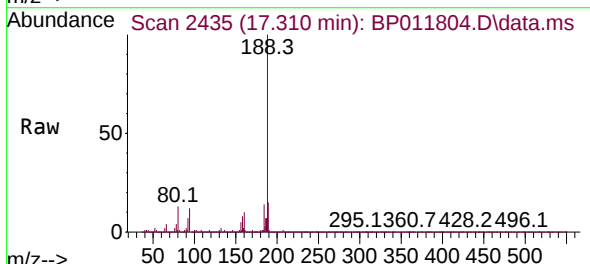
Manual Integrations  
APPROVED

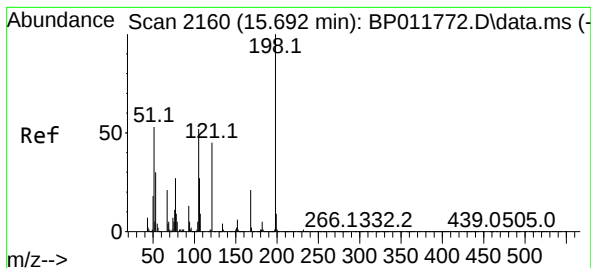
Reviewed By :Christian Giraldo 09/27/2022  
Supervised By :Jagrut Upadhyay 09/27/2022



#64  
Phenanthrene-d10  
Concen: 20.000 ng  
RT: 17.310 min Scan# 2435  
Delta R.T. -0.012 min  
Lab File: BP011804.D  
Acq: 26 Sep 2022 19:22

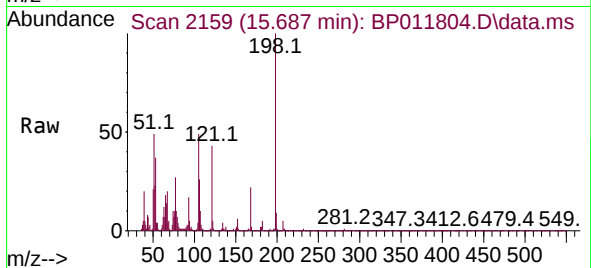
Tgt Ion:188 Resp: 1697443  
Ion Ratio Lower Upper  
188 100  
94 12.1 9.4 14.0  
80 12.8 10.6 15.8





#65  
4,6-Dinitro-2-methylphenol  
Concen: 31.098 ng  
RT: 15.687 min Scan# 2160  
Delta R.T. -0.005 min  
Lab File: BP011804.D  
Acq: 26 Sep 2022 19:22

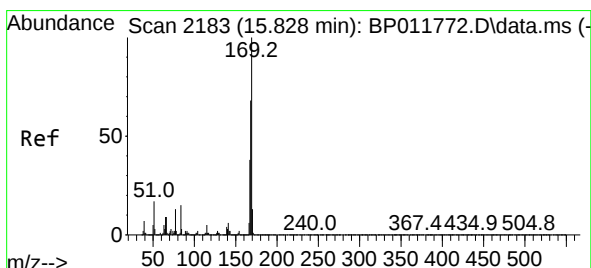
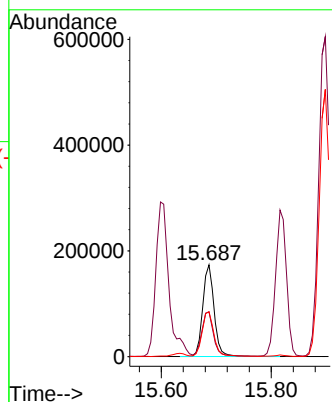
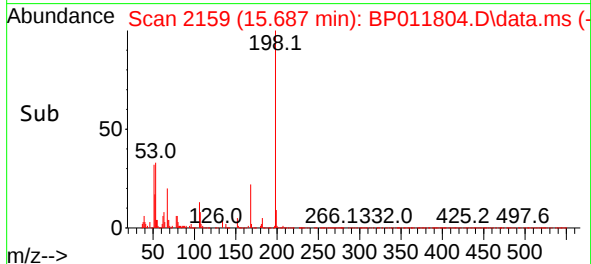
Instrument :  
BNA\_P  
ClientSampleId :  
WC-1MSD



Tgt Ion:198 Resp: 248249  
Ion Ratio Lower Upper  
198 100  
51 48.8 41.6 81.6  
105 48.8 33.2 73.2

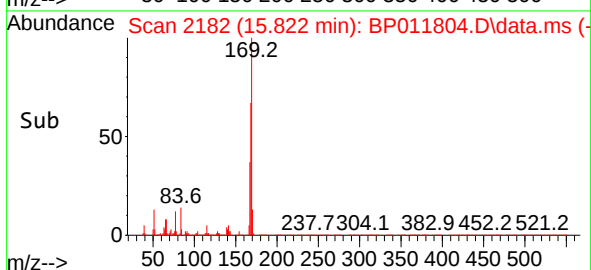
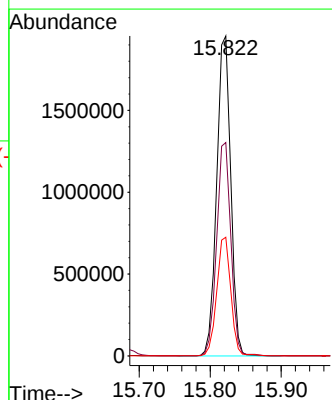
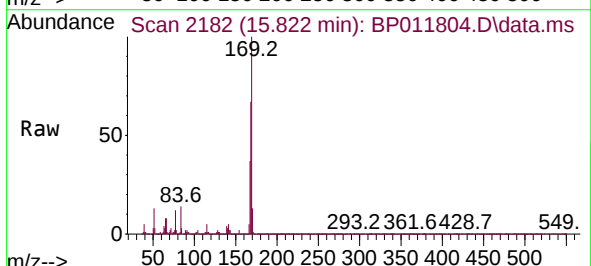
Manual Integrations  
APPROVED

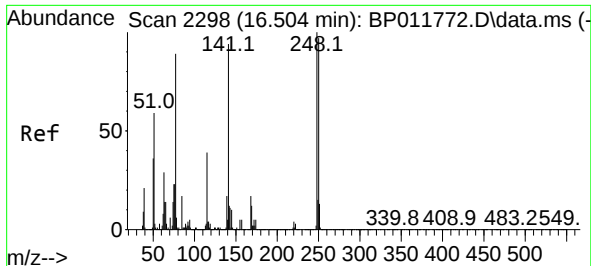
Reviewed By :Christian Giraldo 09/27/2022  
Supervised By :Jagrut Upadhyay 09/27/2022



#66  
n-Nitrosodiphenylamine  
Concen: 53.192 ng  
RT: 15.822 min Scan# 2182  
Delta R.T. -0.006 min  
Lab File: BP011804.D  
Acq: 26 Sep 2022 19:22

Tgt Ion:169 Resp: 2690337  
Ion Ratio Lower Upper  
169 100  
168 66.7 54.5 81.7  
167 37.1 30.1 45.1





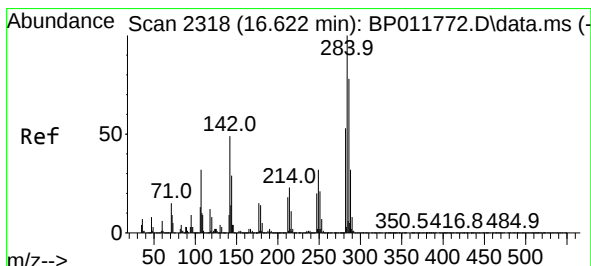
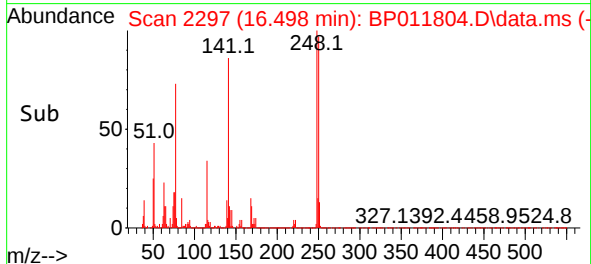
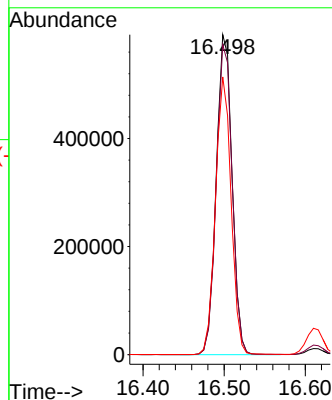
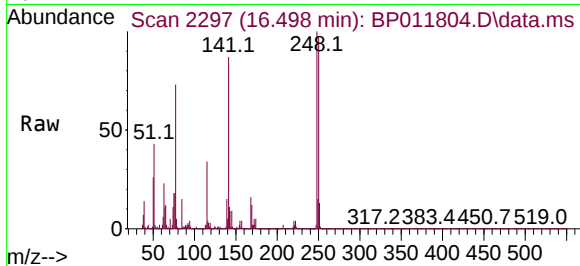
#67  
4-Bromophenyl-phenylether  
Concen: 57.617 ng  
RT: 16.498 min Scan# 211  
Delta R.T. -0.006 min  
Lab File: BP011804.D  
Acq: 26 Sep 2022 19:22

Instrument :  
BNA\_P  
ClientSampleId :  
WC-1MSD

Tgt Ion:248 Resp: 802052  
Ion Ratio Lower Upper  
248 100  
250 96.8 77.6 116.4  
141 86.8 75.4 113.0

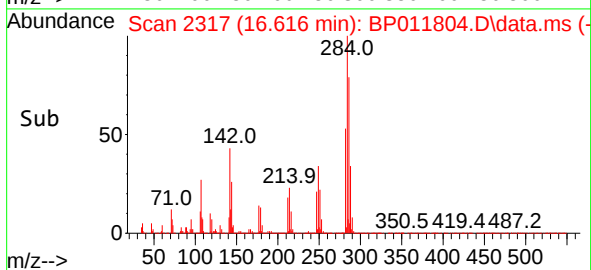
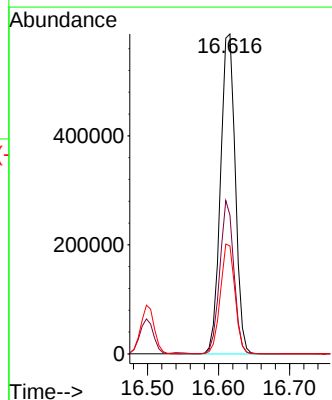
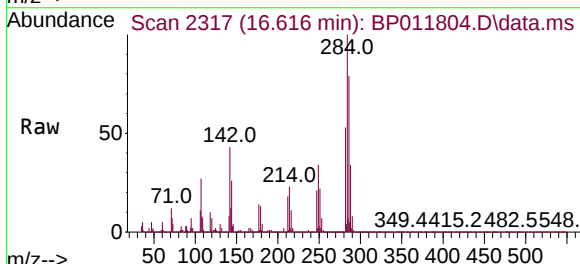
Manual Integrations  
APPROVED

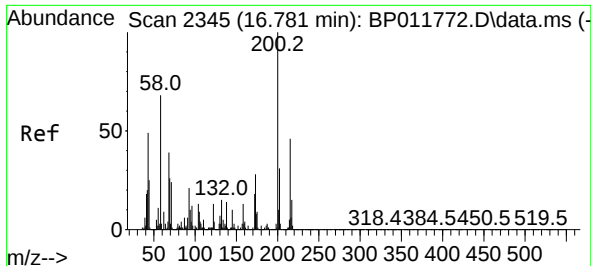
Reviewed By :Christian Giraldo 09/27/2022  
Supervised By :Jagrut Upadhyay 09/27/2022



#68  
Hexachlorobenzene  
Concen: 57.556 ng  
RT: 16.616 min Scan# 2317  
Delta R.T. -0.006 min  
Lab File: BP011804.D  
Acq: 26 Sep 2022 19:22

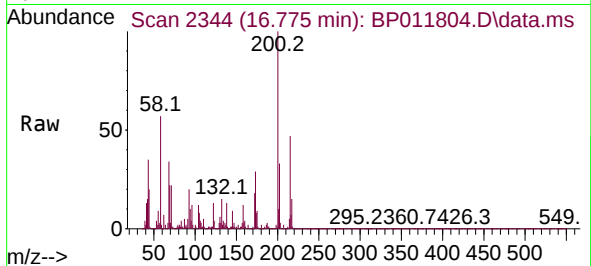
Tgt Ion:284 Resp: 851296  
Ion Ratio Lower Upper  
284 100  
142 43.3 39.0 58.4  
249 33.7 25.9 38.9





#69  
Atrazine  
Concen: 64.874 ng  
RT: 16.775 min Scan# 2344  
Delta R.T. -0.006 min  
Lab File: BP011804.D  
Acq: 26 Sep 2022 19:22

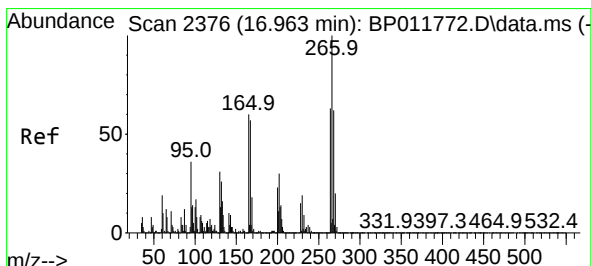
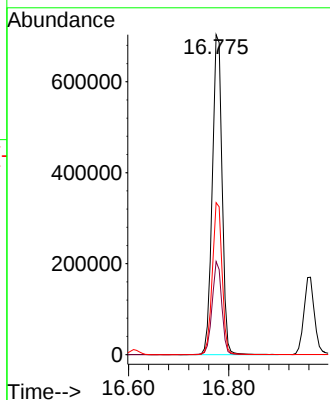
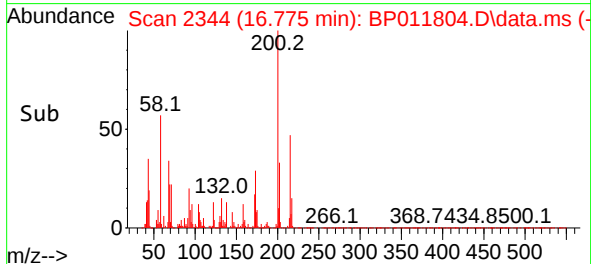
Instrument :  
BNA\_P  
ClientSampleId :  
WC-1MSD



Tgt Ion:200 Resp: 950152  
Ion Ratio Lower Upper  
200 100  
173 29.1 8.5 48.5  
215 47.5 26.3 66.3

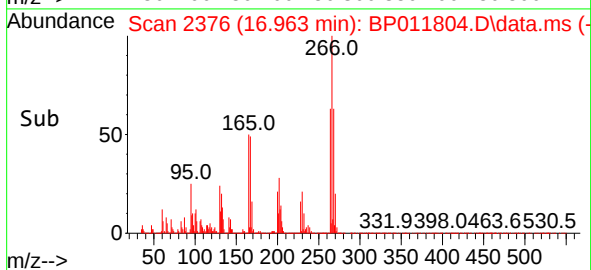
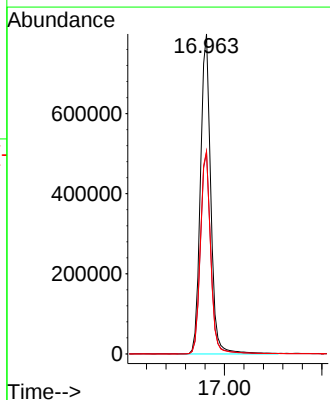
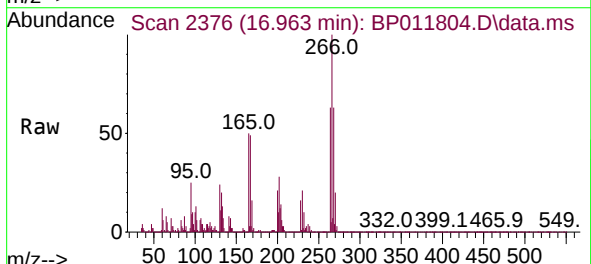
Manual Integrations  
APPROVED

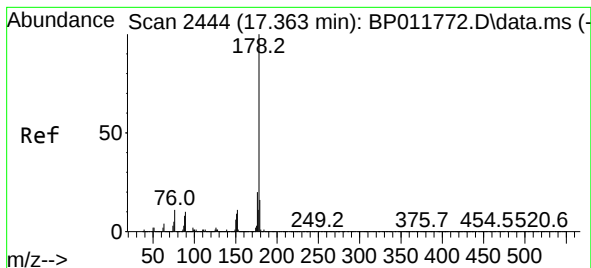
Reviewed By :Christian Giraldo 09/27/2022  
Supervised By :Jagrut Upadhyay 09/27/2022



#70  
Pentachlorophenol  
Concen: 107.865 ng  
RT: 16.963 min Scan# 2376  
Delta R.T. 0.000 min  
Lab File: BP011804.D  
Acq: 26 Sep 2022 19:22

Tgt Ion:266 Resp: 1164982  
Ion Ratio Lower Upper  
266 100  
268 63.1 49.7 74.5  
264 63.3 50.6 75.8





#71

Phenanthrene

Concen: 50.867 ng

RT: 17.357 min Scan# 2444

Delta R.T. -0.006 min

Lab File: BP011804.D

Acq: 26 Sep 2022 19:22

Instrument :

BNA\_P

ClientSampleId :

WC-1MSD

Tgt Ion:178 Resp: 486996

Ion Ratio Lower Upper

178 100

176 20.2 16.2 24.2

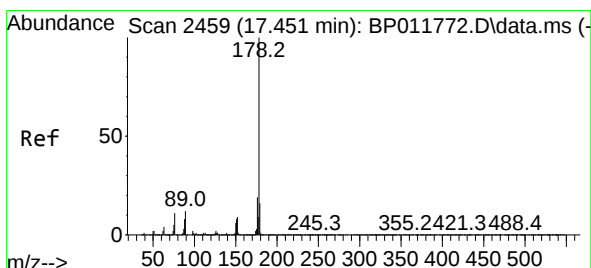
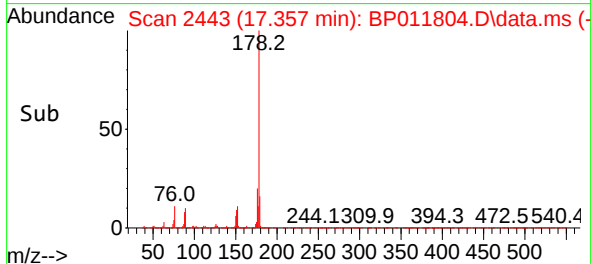
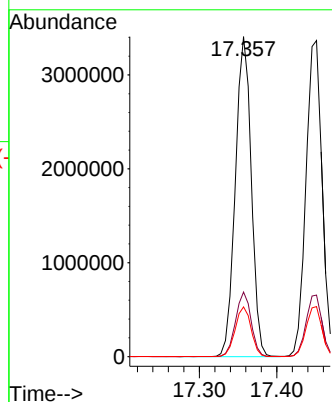
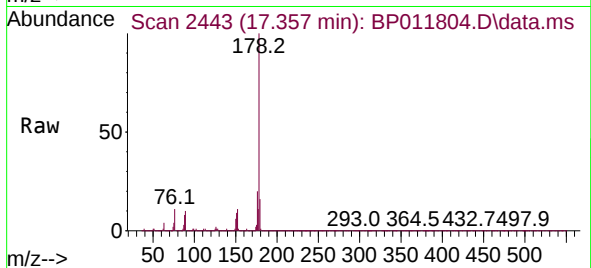
179 15.5 12.6 18.8

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 09/27/2022

Supervised By :Jagrut Upadhyay 09/27/2022



#72

Anthracene

Concen: 53.307 ng

RT: 17.451 min Scan# 2459

Delta R.T. 0.000 min

Lab File: BP011804.D

Acq: 26 Sep 2022 19:22

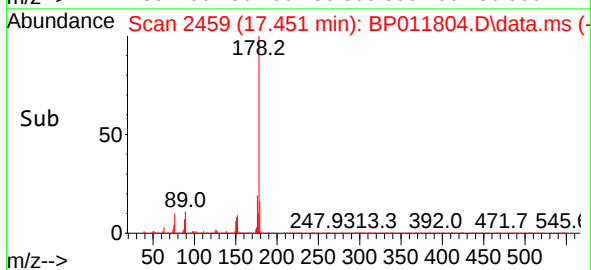
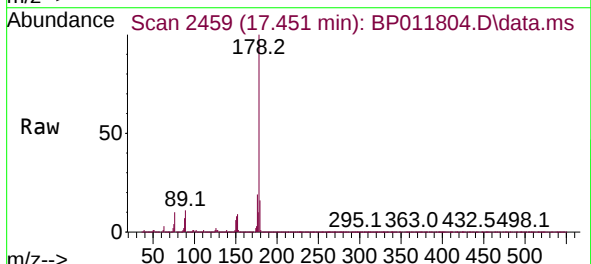
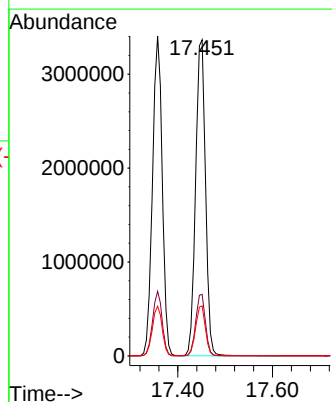
Tgt Ion:178 Resp: 4881197

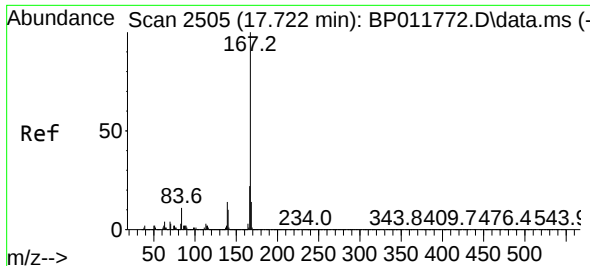
Ion Ratio Lower Upper

178 100

176 19.5 15.5 23.3

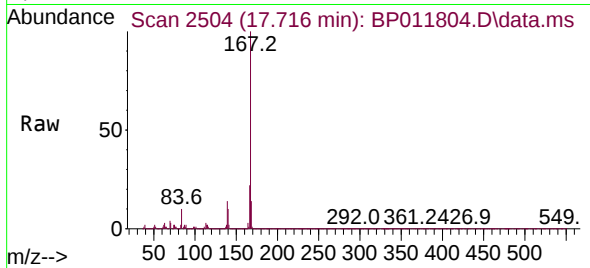
179 15.8 12.7 19.1





#73  
 Carbazole  
 Concen: 54.469 ng  
 RT: 17.716 min Scan# 2504  
 Delta R.T. -0.006 min  
 Lab File: BP011804.D  
 Acq: 26 Sep 2022 19:22

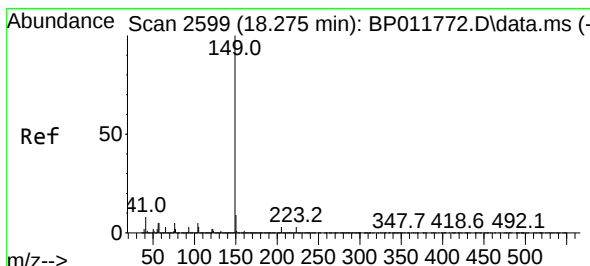
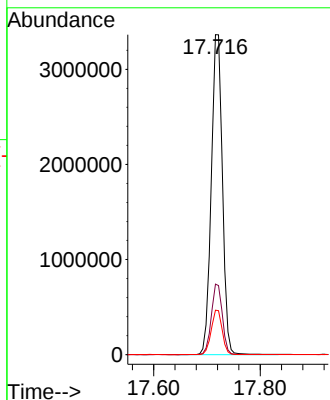
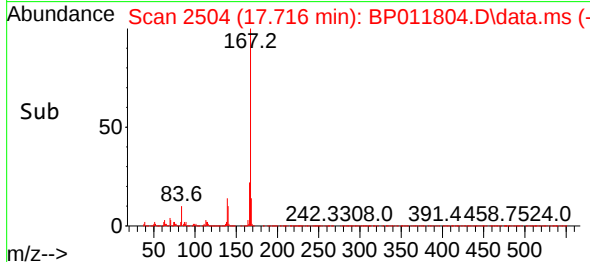
Instrument :  
 BNA\_P  
 ClientSampleId :  
 WC-1MSD



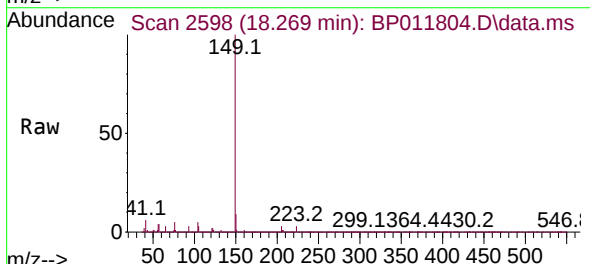
Tgt Ion:167 Resp: 4884751  
 Ion Ratio Lower Upper  
 167 100  
 166 22.0 17.4 26.2  
 139 13.9 11.0 16.6

Manual Integrations  
 APPROVED

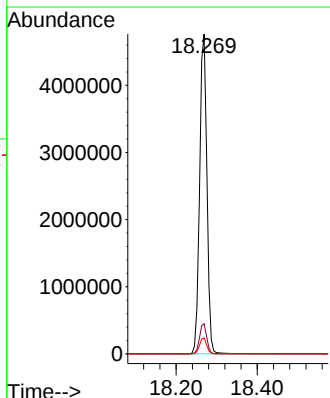
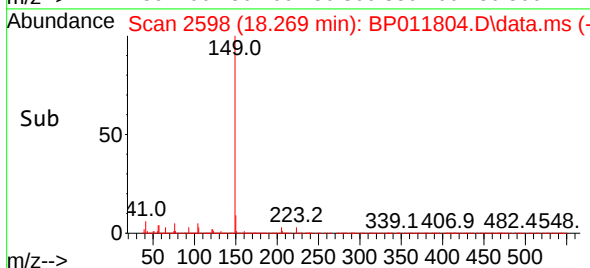
Reviewed By :Christian Giraldo 09/27/2022  
 Supervised By :Jagrut Upadhyay 09/27/2022

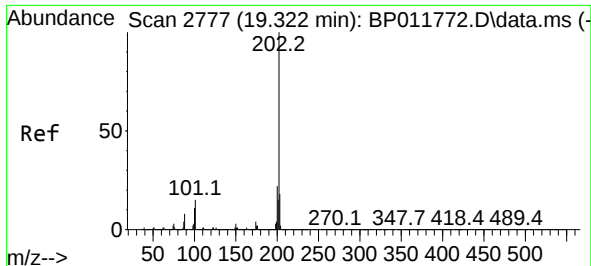


#74  
 Di-n-butylphthalate  
 Concen: 54.432 ng  
 RT: 18.269 min Scan# 2598  
 Delta R.T. -0.006 min  
 Lab File: BP011804.D  
 Acq: 26 Sep 2022 19:22



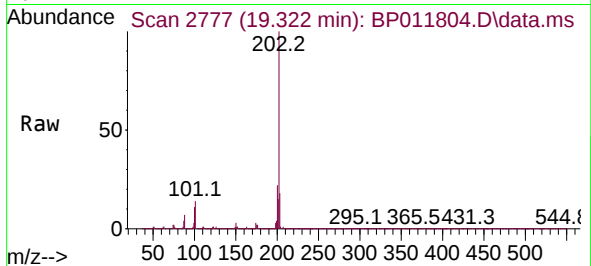
Tgt Ion:149 Resp: 5879923  
 Ion Ratio Lower Upper  
 149 100  
 150 9.4 7.5 11.3  
 104 5.0 4.2 6.4





#75  
Fluoranthene  
Concen: 53.698 ng  
RT: 19.322 min Scan# 21  
Delta R.T. 0.000 min  
Lab File: BP011804.D  
Acq: 26 Sep 2022 19:22

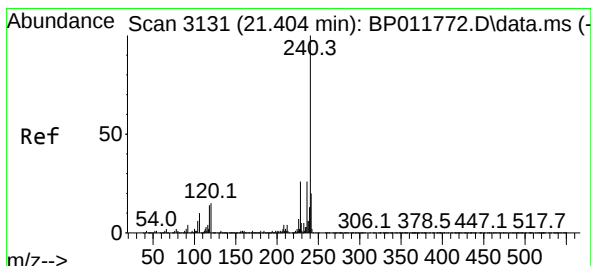
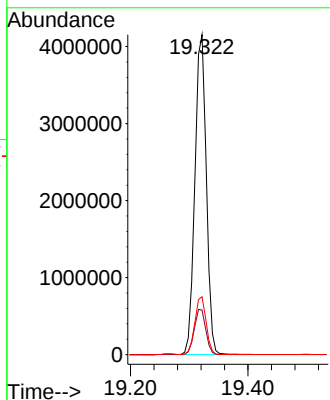
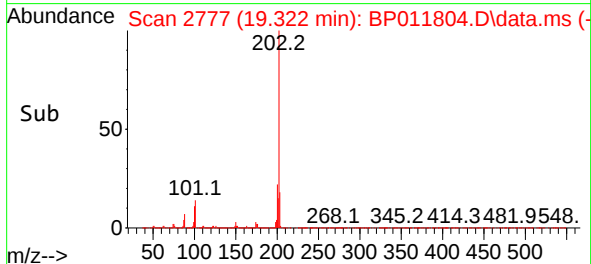
Instrument :  
BNA\_P  
ClientSampleId :  
WC-1MSD



Tgt Ion:202 Resp: 558885  
Ion Ratio Lower Upper  
202 100  
101 13.9 0.0 35.5  
203 18.1 0.0 38.1

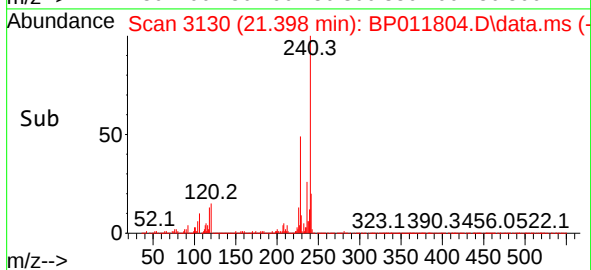
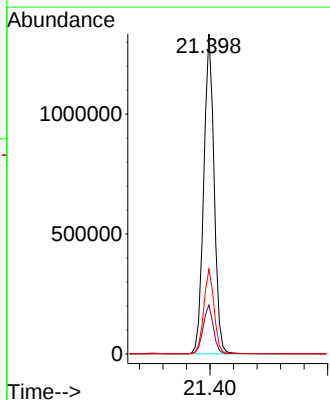
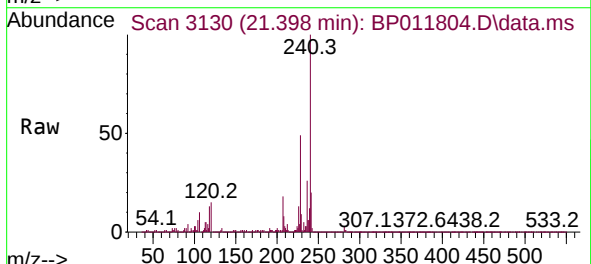
Manual Integrations  
APPROVED

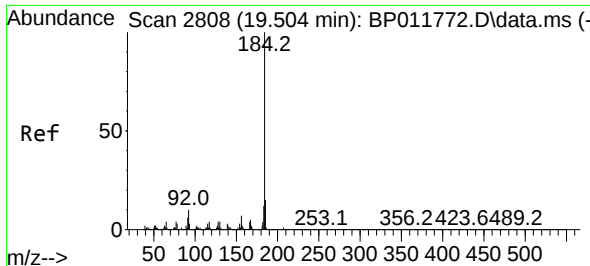
Reviewed By :Christian Giraldo 09/27/2022  
Supervised By :Jagrut Upadhyay 09/27/2022



#76  
Chrysene-d12  
Concen: 20.000 ng  
RT: 21.398 min Scan# 3130  
Delta R.T. -0.006 min  
Lab File: BP011804.D  
Acq: 26 Sep 2022 19:22

Tgt Ion:240 Resp: 1635140  
Ion Ratio Lower Upper  
240 100  
120 15.3 12.0 18.0  
236 26.4 21.1 31.7





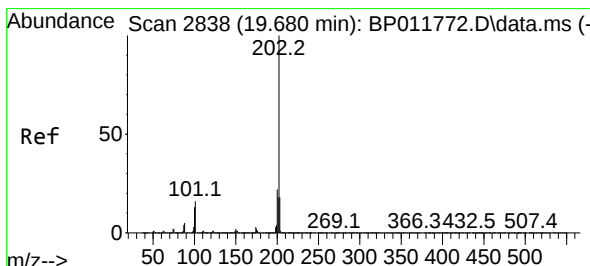
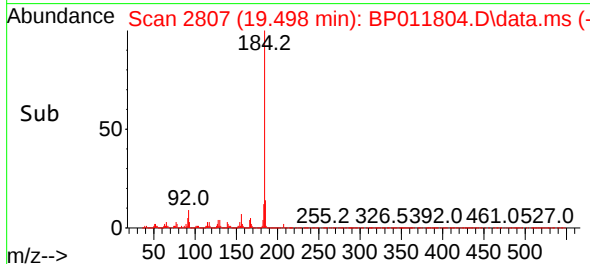
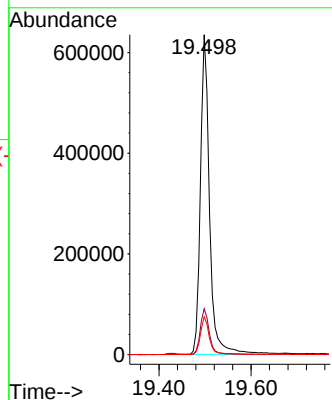
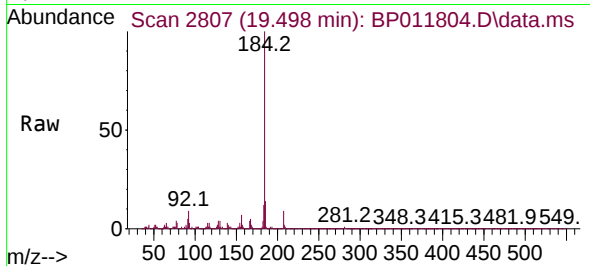
#77  
Benzidine  
Concen: 27.413 ng  
RT: 19.498 min Scan# 2807  
Delta R.T. -0.006 min  
Lab File: BP011804.D  
Acq: 26 Sep 2022 19:22

Instrument :  
BNA\_P  
ClientSampleId :  
WC-1MSD

Tgt Ion:184 Resp: 869943  
Ion Ratio Lower Upper  
184 100  
185 14.3 11.7 17.5  
183 11.8 9.3 13.9

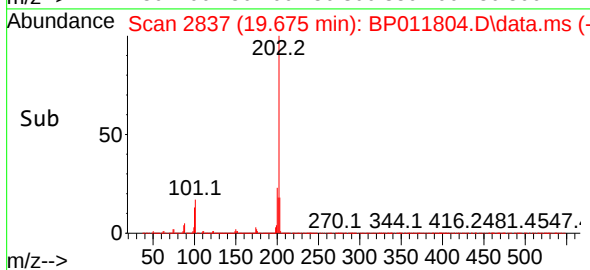
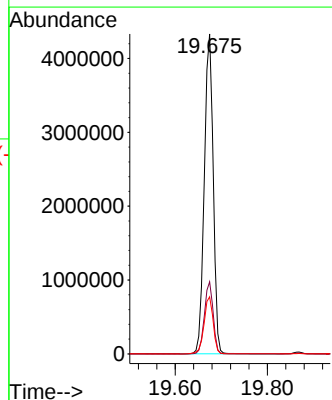
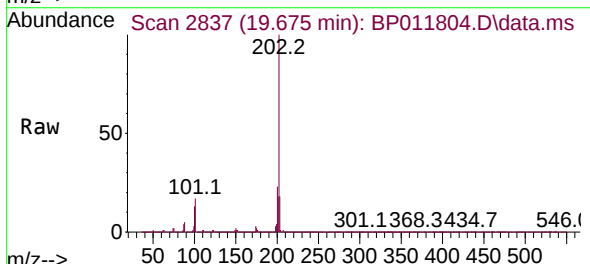
Manual Integrations  
APPROVED

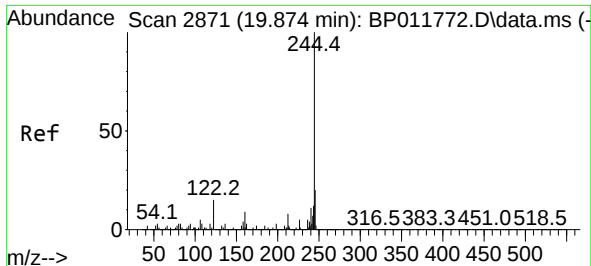
Reviewed By :Christian Giraldo 09/27/2022  
Supervised By :Jagrut Upadhyay 09/27/2022



#78  
Pyrene  
Concen: 53.030 ng  
RT: 19.675 min Scan# 2837  
Delta R.T. -0.006 min  
Lab File: BP011804.D  
Acq: 26 Sep 2022 19:22

Tgt Ion:202 Resp: 5794117  
Ion Ratio Lower Upper  
202 100  
200 22.5 17.8 26.6  
203 17.8 14.3 21.5





#79  
Terphenyl-d14  
Concen: 108.388 ng  
RT: 19.869 min Scan# 2871  
Delta R.T. -0.006 min  
Lab File: BP011804.D  
Acq: 26 Sep 2022 19:22

Instrument :

BNA\_P

ClientSampleId :

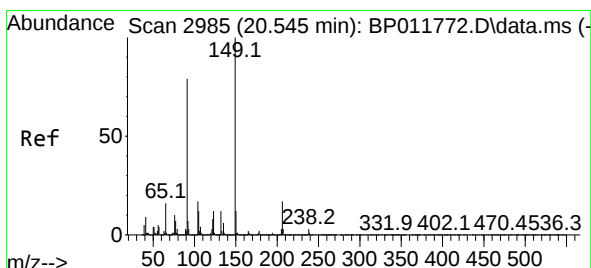
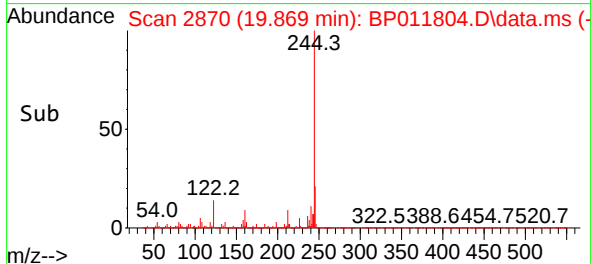
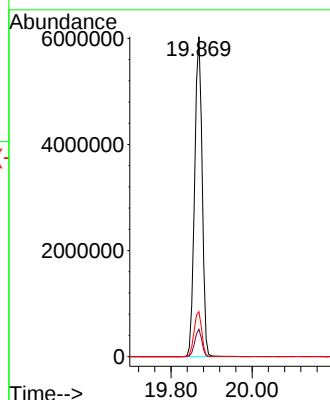
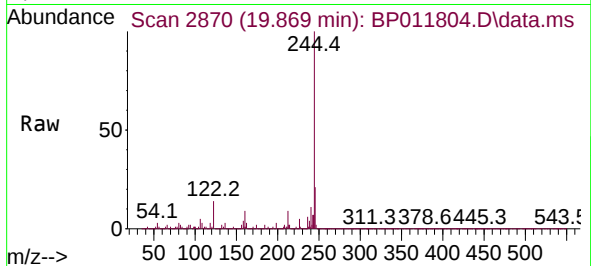
WC-1MSD

Tgt Ion:244 Resp: 770785  
Ion Ratio Lower Upper  
244 100  
212 8.6 6.5 9.7  
122 14.0 11.8 17.8

Manual Integrations

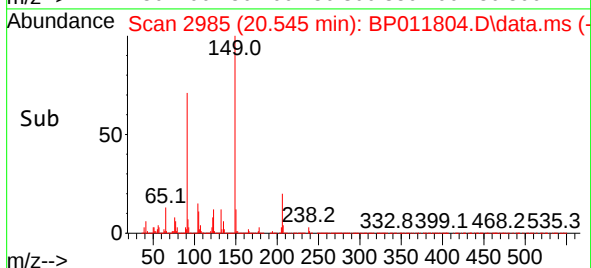
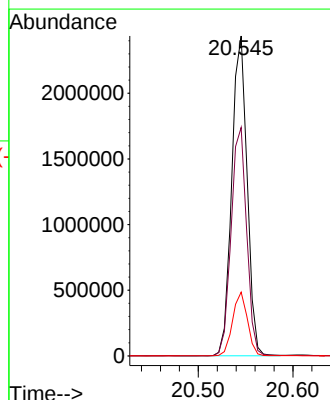
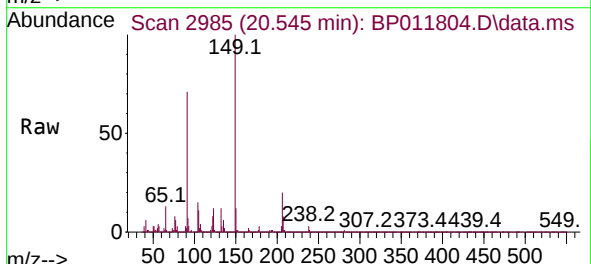
APPROVED

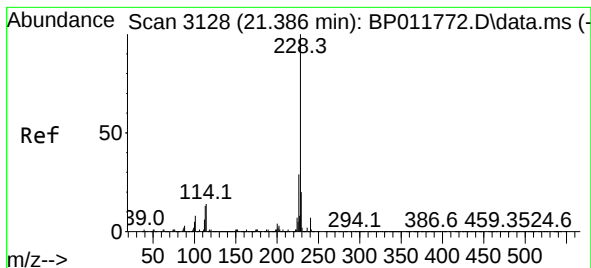
Reviewed By :Christian Giraldo 09/27/2022  
Supervised By :Jagrut Upadhyay 09/27/2022



#80  
Butylbenzylphthalate  
Concen: 51.420 ng  
RT: 20.545 min Scan# 2985  
Delta R.T. 0.000 min  
Lab File: BP011804.D  
Acq: 26 Sep 2022 19:22

Tgt Ion:149 Resp: 2743543  
Ion Ratio Lower Upper  
149 100  
91 71.4 63.1 94.7  
206 19.9 13.6 20.4





#81

Benzo(a)anthracene

Concen: 52.151 ng

RT: 21.380 min Scan# 3128

Delta R.T. -0.006 min

Lab File: BP011804.D

Acq: 26 Sep 2022 19:22

Instrument :

BNA\_P

ClientSampleId :

WC-1MSD

Tgt Ion:228 Resp: 5626290

Ion Ratio Lower Upper

228 100

226 29.0 23.1 34.7

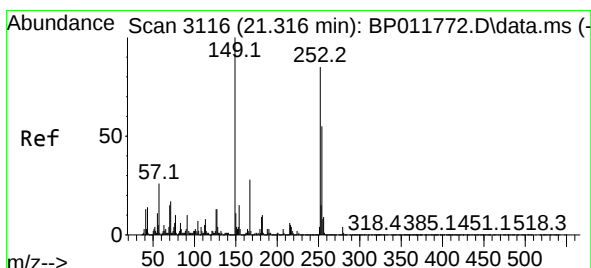
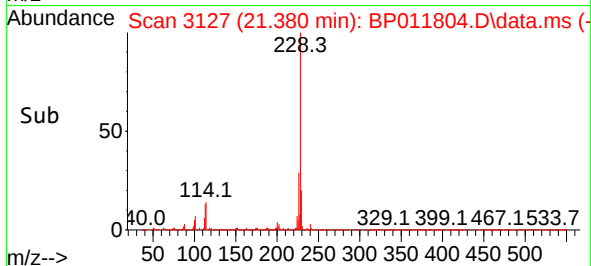
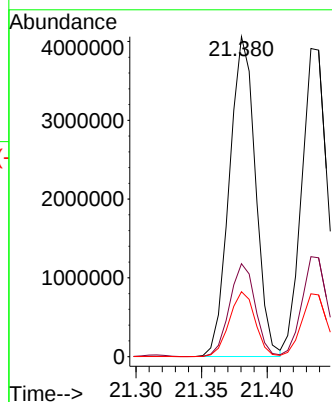
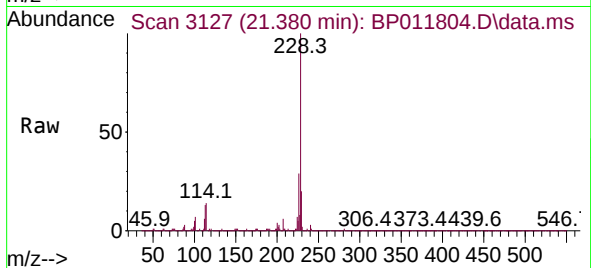
229 20.3 16.3 24.5

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 09/27/2022

Supervised By :Jagrut Upadhyay 09/27/2022



#82

3,3'-Dichlorobenzidine

Concen: 49.084 ng

RT: 21.316 min Scan# 3116

Delta R.T. -0.000 min

Lab File: BP011804.D

Acq: 26 Sep 2022 19:22

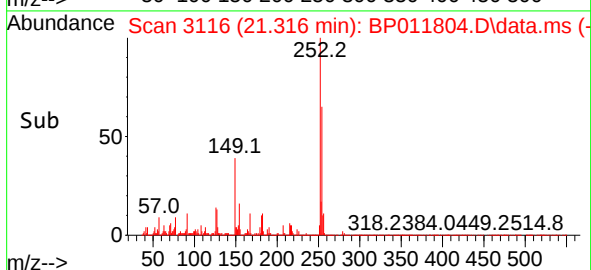
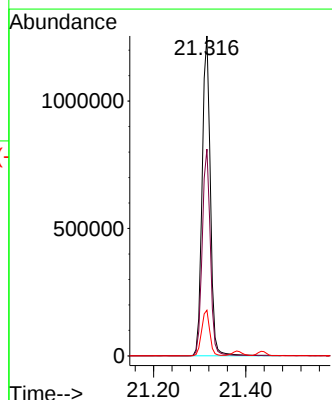
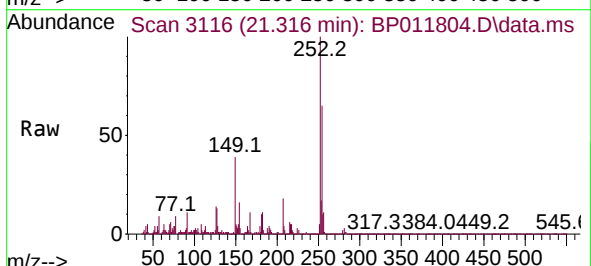
Tgt Ion:252 Resp: 1544362

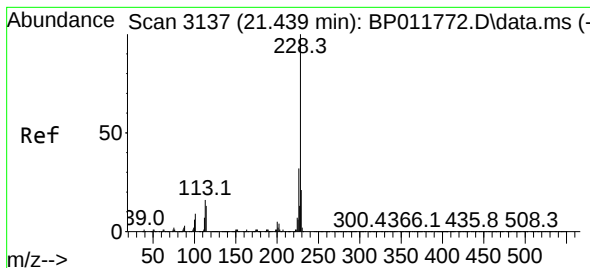
Ion Ratio Lower Upper

252 100

254 64.6 51.4 77.2

126 14.3 12.6 18.8





#83

Chrysene

Concen: 52.100 ng

RT: 21.433 min Scan# 3137

Delta R.T. -0.006 min

Lab File: BP011804.D

Acq: 26 Sep 2022 19:22

Instrument :

BNA\_P

ClientSampleId :

WC-1MSD

Tgt Ion:228 Resp: 532589

Ion Ratio Lower Upper

228 100

226 32.4 25.5 38.3

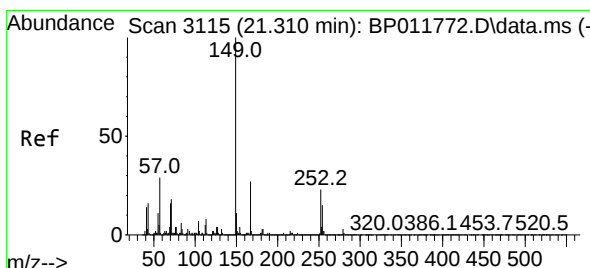
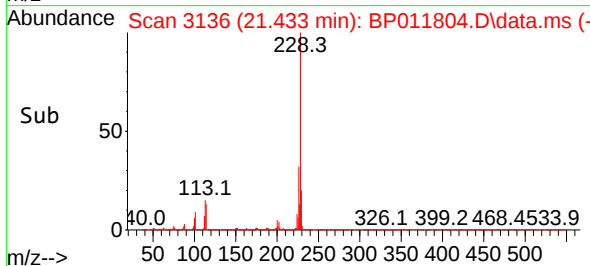
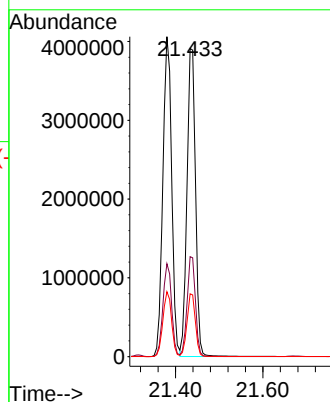
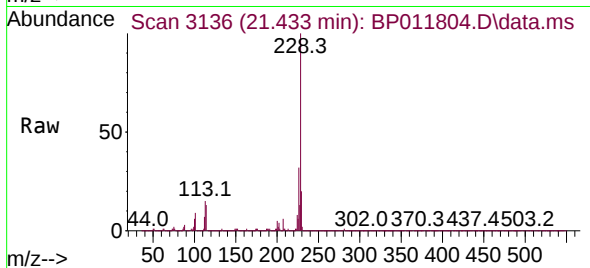
229 20.4 16.4 24.6

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 09/27/2022

Supervised By :Jagrut Upadhyay 09/27/2022



#84

Bis(2-ethylhexyl)phthalate

Concen: 52.198 ng

RT: 21.298 min Scan# 3113

Delta R.T. -0.012 min

Lab File: BP011804.D

Acq: 26 Sep 2022 19:22

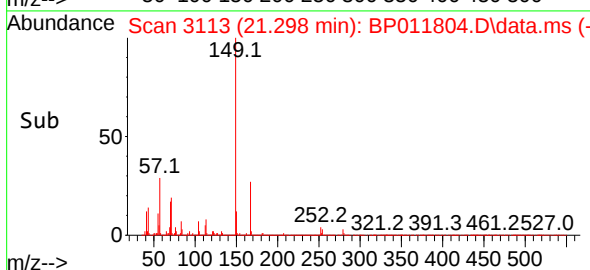
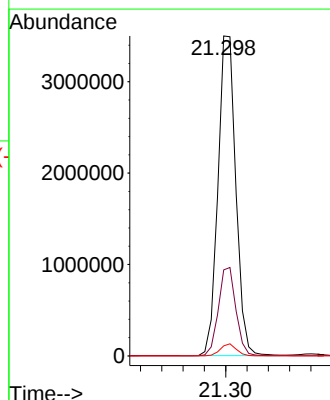
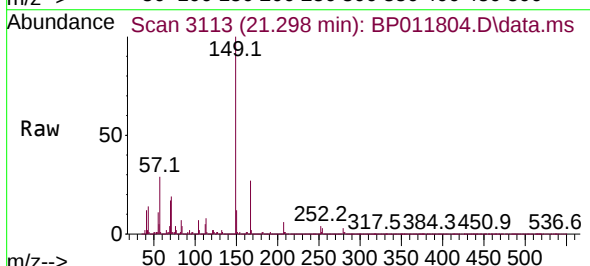
Tgt Ion:149 Resp: 4091916

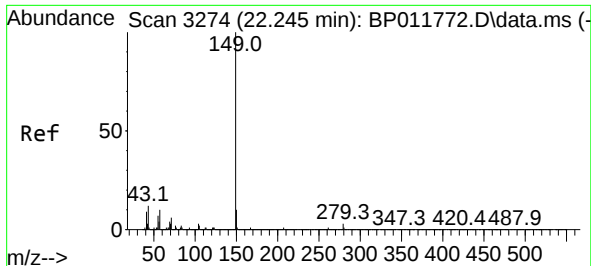
Ion Ratio Lower Upper

149 100

167 26.9 21.8 32.6

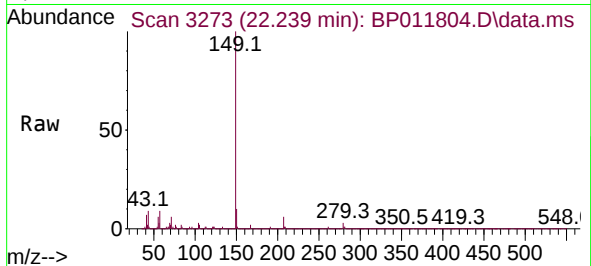
279 3.1 2.5 3.7





#85  
Di-n-octyl phthalate  
Concen: 57.209 ng  
RT: 22.239 min Scan# 31  
Delta R.T. -0.006 min  
Lab File: BP011804.D  
Acq: 26 Sep 2022 19:22

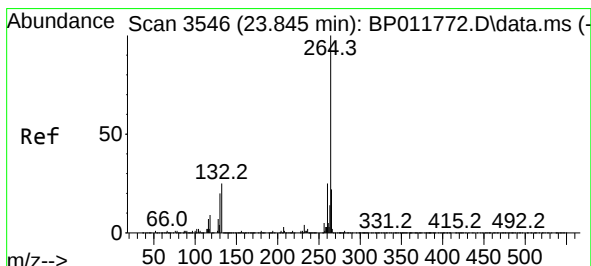
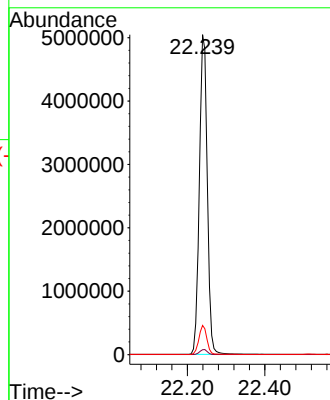
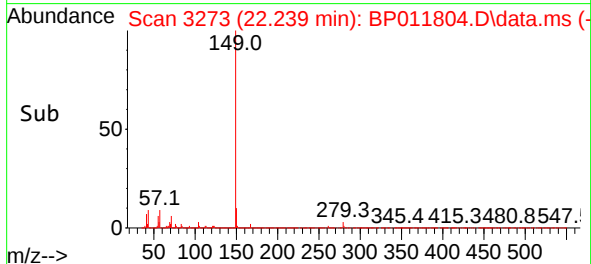
Instrument :  
BNA\_P  
ClientSampleId :  
WC-1MSD



Tgt Ion:149 Resp: 7132064  
Ion Ratio Lower Upper  
149 100  
167 1.6 1.2 1.8  
43 9.2 9.4 14.0

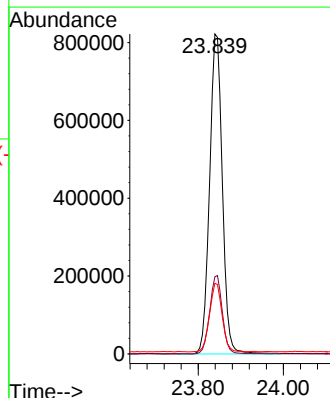
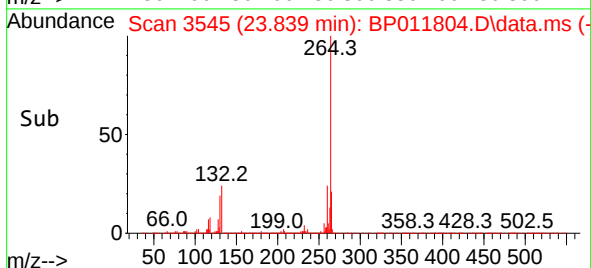
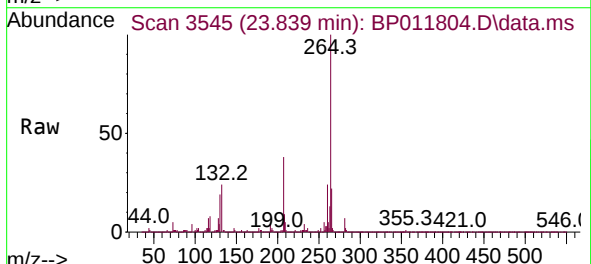
Manual Integrations  
APPROVED

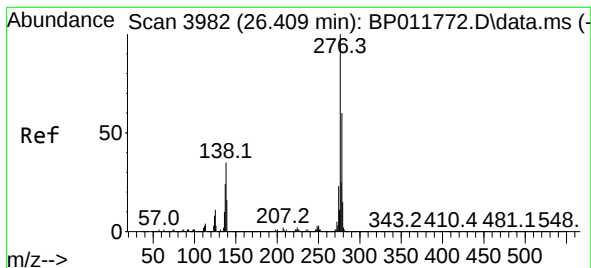
Reviewed By :Christian Giraldo 09/27/2022  
Supervised By :Jagrut Upadhyay 09/27/2022



#86  
Perylene-d12  
Concen: 20.000 ng  
RT: 23.839 min Scan# 3545  
Delta R.T. -0.006 min  
Lab File: BP011804.D  
Acq: 26 Sep 2022 19:22

Tgt Ion:264 Resp: 1704377  
Ion Ratio Lower Upper  
264 100  
260 24.1 19.7 29.5  
265 22.1 17.8 26.8





#87

Indeno(1,2,3-cd)pyrene

Concen: 50.024 ng

RT: 26.410 min Scan# 3982

Delta R.T. 0.000 min

Lab File: BP011804.D

Acq: 26 Sep 2022 19:22

Instrument :

BNA\_P

ClientSampleId :

WC-1MSD

Tgt Ion:276 Resp: 667135

Ion Ratio Lower Upper

276 100

138 35.2 29.7 44.5

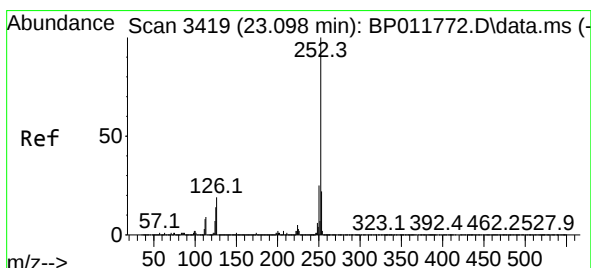
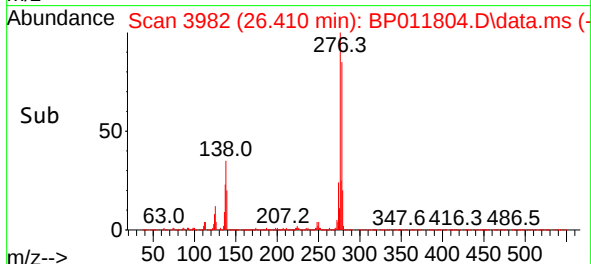
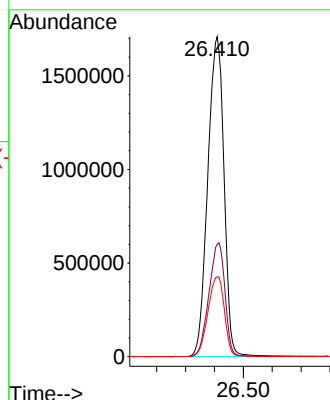
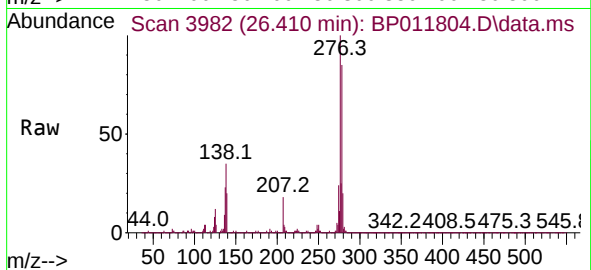
277 25.3 20.2 30.2

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 09/27/2022

Supervised By :Jagrut Upadhyay 09/27/2022



#88

Benzo(b)fluoranthene

Concen: 57.006 ng

RT: 23.098 min Scan# 3419

Delta R.T. 0.000 min

Lab File: BP011804.D

Acq: 26 Sep 2022 19:22

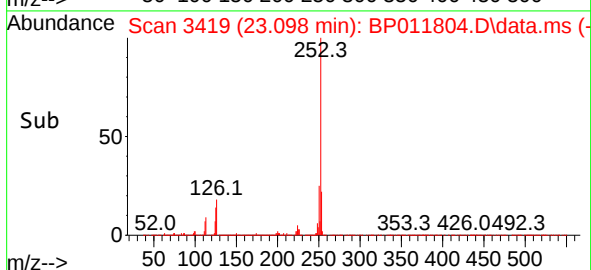
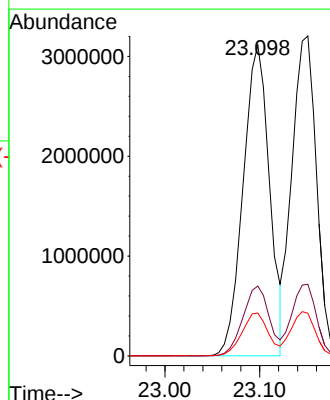
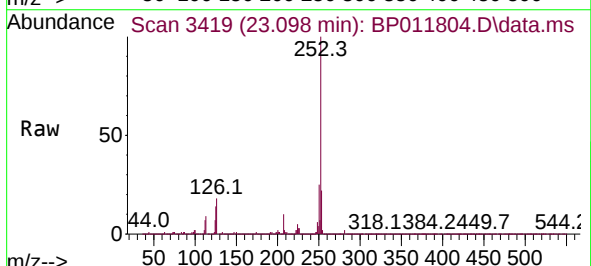
Tgt Ion:252 Resp: 6032405

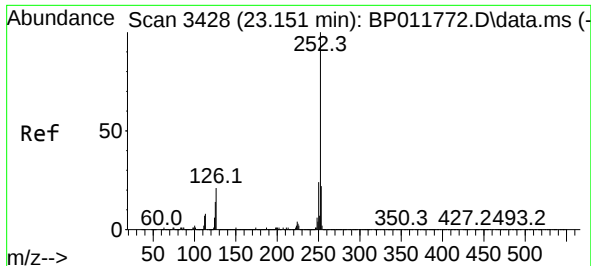
Ion Ratio Lower Upper

252 100

253 22.5 17.9 26.9

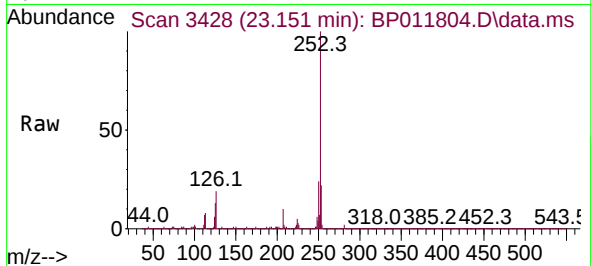
125 13.7 11.6 17.4





#89  
Benzo(k)fluoranthene  
Concen: 53.561 ng  
RT: 23.151 min Scan# 3428  
Delta R.T. 0.000 min  
Lab File: BP011804.D  
Acq: 26 Sep 2022 19:22

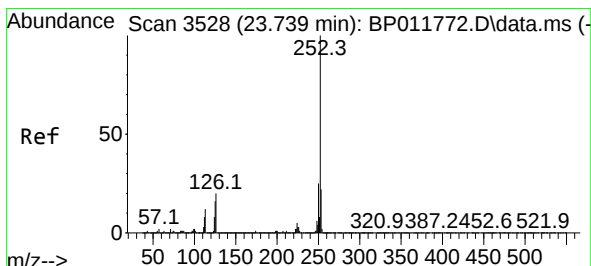
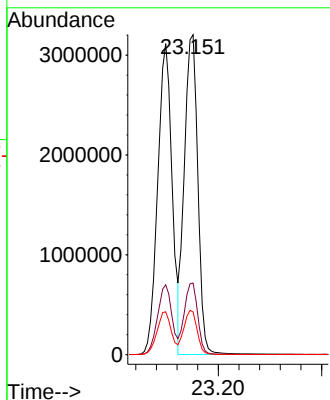
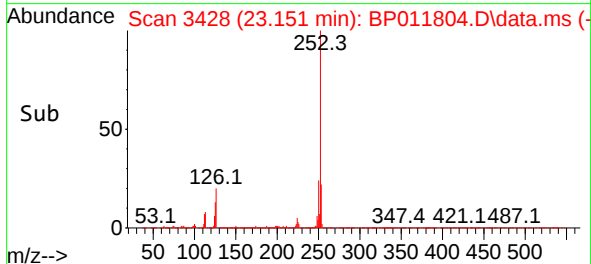
Instrument :  
BNA\_P  
ClientSampleId :  
WC-1MSD



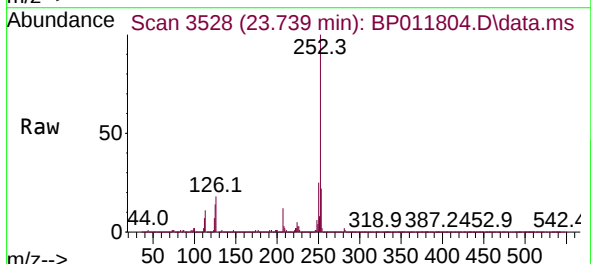
Tgt Ion:252 Resp: 580757  
Ion Ratio Lower Upper  
252 100  
253 22.4 17.7 26.5  
125 13.3 11.2 16.8

Manual Integrations  
APPROVED

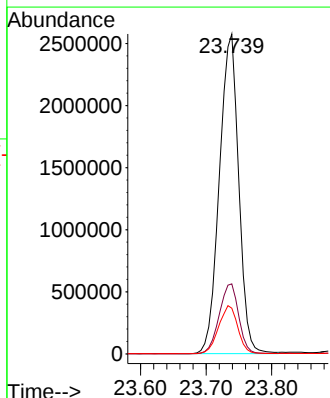
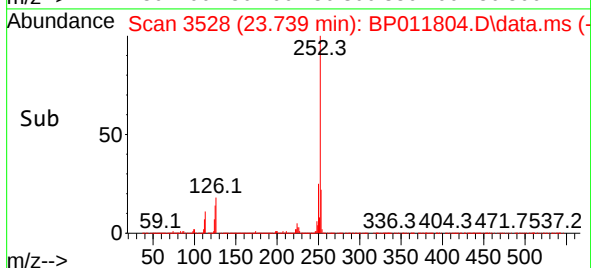
Reviewed By :Christian Giraldo 09/27/2022  
Supervised By :Jagrut Upadhyay 09/27/2022

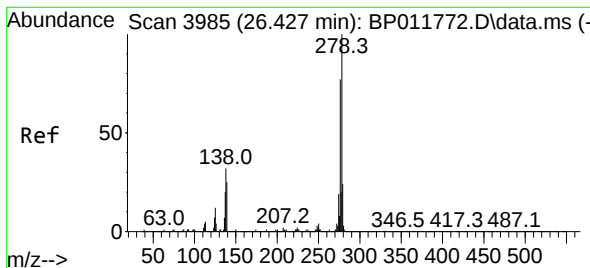


#90  
Benzo(a)pyrene  
Concen: 58.988 ng  
RT: 23.739 min Scan# 3528  
Delta R.T. 0.000 min  
Lab File: BP011804.D  
Acq: 26 Sep 2022 19:22



Tgt Ion:252 Resp: 5281228  
Ion Ratio Lower Upper  
252 100  
253 21.9 17.7 26.5  
125 14.3 12.6 19.0





#91

Dibenzo(a,h)anthracene

Concen: 52.443 ng

RT: 26.421 min Scan# 3985

Delta R.T. -0.006 min

Lab File: BP011804.D

Acq: 26 Sep 2022 19:22

Instrument :

BNA\_P

ClientSampleId :

WC-1MSD

Tgt Ion:278 Resp: 580675

Ion Ratio Lower Upper

278 100

139 22.8 19.6 29.4

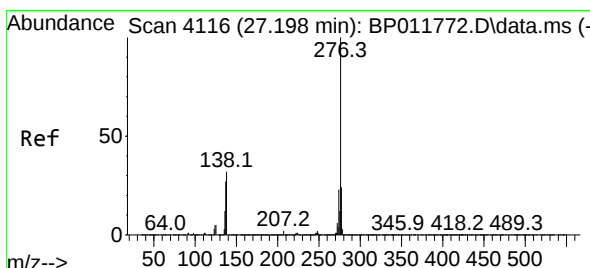
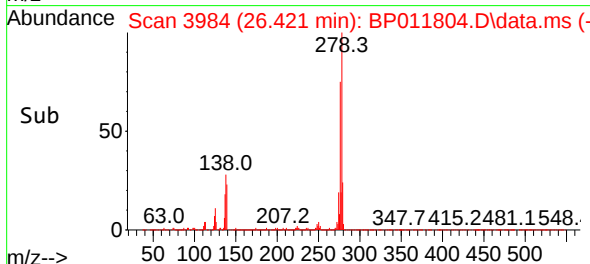
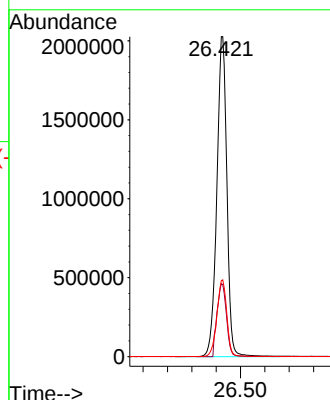
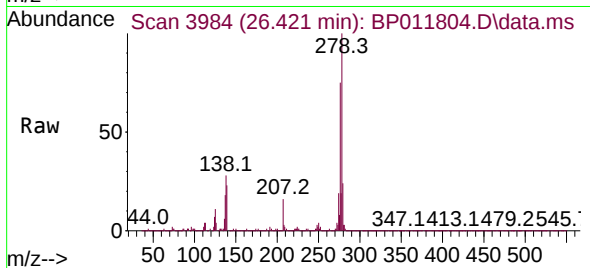
279 23.8 19.3 28.9

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 09/27/2022

Supervised By :Jagrut Upadhyay 09/27/2022



#92

Benzo(g,h,i)perylene

Concen: 52.778 ng

RT: 27.198 min Scan# 4116

Delta R.T. 0.000 min

Lab File: BP011804.D

Acq: 26 Sep 2022 19:22

Tgt Ion:276 Resp: 5656984

Ion Ratio Lower Upper

276 100

277 23.4 19.3 28.9

138 29.7 25.6 38.4

