

Data Path : Z:\svoasrv\HPCHEM1\BNA\_P\Data\BP022423\  
 Data File : BP013886.D  
 Acq On : 24 Feb 2023 15:35  
 Operator : CG/JU  
 Sample : PB151066BS  
 Misc :  
 ALS Vial : 4 Sample Multiplier: 1

Instrument :  
 BNA\_P  
 ClientSampleId :  
 PB151066BS

Manual Integrations  
 APPROVED

Reviewed By :Yogesh Patel 02/27/2023  
 Supervised By :Jagrut Upadhyay 02/27/2023

Quant Time: Feb 24 16:57:20 2023  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_P\Methods\8270E-BP021623.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Fri Feb 24 16:57:00 2023  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc    | Units | Dev(Min) |
|-------------------------------|--------|------|----------|---------|-------|----------|
| -----                         |        |      |          |         |       |          |
| Internal Standards            |        |      |          |         |       |          |
| 1) 1,4-Dichlorobenzene-d4     | 8.110  | 152  | 136265   | 20.000  | ng    | 0.00     |
| 21) Naphthalene-d8            | 10.940 | 136  | 509229   | 20.000  | ng    | 0.01     |
| 39) Acenaphthene-d10          | 14.751 | 164  | 313127   | 20.000  | ng    | 0.01     |
| 64) Phenanthrene-d10          | 17.504 | 188  | 617151   | 20.000  | ng    | 0.01     |
| 76) Chrysene-d12              | 21.580 | 240  | 694911   | 20.000  | ng    | 0.00     |
| 86) Perylene-d12              | 24.133 | 264  | 744957   | 20.000  | ng    | 0.01     |
| System Monitoring Compounds   |        |      |          |         |       |          |
| 5) 2-Fluorophenol             | 5.646  | 112  | 1132408  | 136.963 | ng    | 0.00     |
| 7) Phenol-d6                  | 7.263  | 99   | 1393738  | 131.621 | ng    | 0.01     |
| 23) Nitrobenzene-d5           | 9.287  | 82   | 858607   | 91.049  | ng    | 0.00     |
| 42) 2,4,6-Tribromophenol      | 16.239 | 330  | 591769   | 129.828 | ng    | 0.00     |
| 45) 2-Fluorobiphenyl          | 13.375 | 172  | 1891959  | 79.362  | ng    | 0.00     |
| 79) Terphenyl-d14             | 20.033 | 244  | 2929863  | 81.119  | ng    | 0.00     |
| Target Compounds              |        |      |          |         |       |          |
|                               |        |      |          |         |       | Qvalue   |
| 2) 1,4-Dioxane                | 3.493  | 88   | 127229   | 35.404  | ng    | 99       |
| 3) Pyridine                   | 3.905  | 79   | 352069   | 36.342  | ng    | 99       |
| 4) n-Nitrosodimethylamine     | 3.810  | 42   | 174555   | 48.079  | ng    | # 90     |
| 6) Aniline                    | 7.428  | 93   | 255928   | 18.601  | ng    | 99       |
| 8) 2-Chlorophenol             | 7.669  | 128  | 395644   | 45.367  | ng    | 99       |
| 9) Benzaldehyde               | 7.246  | 77   | 12493m   | 2.480   | ng    |          |
| 10) Phenol                    | 7.287  | 94   | 500969   | 45.452  | ng    | 93       |
| 11) bis(2-Chloroethyl)ether   | 7.522  | 93   | 379545   | 43.028  | ng    | 98       |
| 12) 1,3-Dichlorobenzene       | 7.998  | 146  | 449036   | 45.791  | ng    | 99       |
| 13) 1,4-Dichlorobenzene       | 8.146  | 146  | 451790   | 45.610  | ng    | 98       |
| 14) 1,2-Dichlorobenzene       | 8.469  | 146  | 430508   | 46.559  | ng    | 99       |
| 15) Benzyl Alcohol            | 8.351  | 79   | 356491m  | 47.985  | ng    |          |
| 16) 2,2'-oxybis(1-Chloropr... | 8.634  | 45   | 404573m  | 42.938  | ng    |          |
| 17) 2-Methylphenol            | 8.551  | 107  | 322560   | 43.006  | ng    | 96       |
| 18) Hexachloroethane          | 9.204  | 117  | 164274   | 47.345  | ng    | 97       |
| 19) n-Nitroso-di-n-propyla... | 8.922  | 70   | 279213   | 45.052  | ng    | 97       |
| 20) 3+4-Methylphenols         | 8.881  | 107  | 432490   | 42.842  | ng    | 97       |
| 22) Acetophenone              | 8.945  | 105  | 583095   | 45.398  | ng    | # 98     |
| 24) Nitrobenzene              | 9.328  | 77   | 439098   | 44.620  | ng    | 99       |
| 25) Isophorone                | 9.857  | 82   | 759272   | 41.781  | ng    | 99       |
| 26) 2-Nitrophenol             | 10.045 | 139  | 203480   | 44.117  | ng    | 94       |
| 27) 2,4-Dimethylphenol        | 10.098 | 122  | 335232   | 44.110  | ng    | 98       |
| 28) bis(2-Chloroethoxy)met... | 10.334 | 93   | 462760   | 39.891  | ng    | 99       |
| 29) 2,4-Dichlorophenol        | 10.581 | 162  | 366979   | 45.006  | ng    | 99       |
| 30) 1,2,4-Trichlorobenzene    | 10.798 | 180  | 419202   | 43.812  | ng    | 99       |
| 31) Naphthalene               | 10.987 | 128  | 1118772  | 40.072  | ng    | 99       |
| 32) Benzoic acid              | 10.234 | 122  | 252889   | 42.813  | ng    | 97       |
| 33) 4-Chloroaniline           | 11.098 | 127  | 139137   | 11.868  | ng    | 97       |
| 34) Hexachlorobutadiene       | 11.269 | 225  | 294774   | 46.359  | ng    | 97       |
| 35) Caprolactam               | 11.887 | 113  | 103684   | 39.828  | ng    | 97       |
| 36) 4-Chloro-3-methylphenol   | 12.204 | 107  | 378577   | 41.666  | ng    | 97       |
| 37) 2-Methylnaphthalene       | 12.586 | 142  | 769786   | 38.089  | ng    | 98       |
| 38) 1-Methylnaphthalene       | 12.804 | 142  | 724199   | 38.288  | ng    | 100      |
| 40) 1,2,4,5-Tetrachloroben... | 12.951 | 216  | 478758   | 42.395  | ng    | 99       |
| 41) Hexachlorocyclopentadiene | 12.928 | 237  | 617507   | 102.946 | ng    | 99       |
| 43) 2,4,6-Trichlorophenol     | 13.186 | 196  | 303957   | 43.027  | ng    | 98       |

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Manual Integrations  
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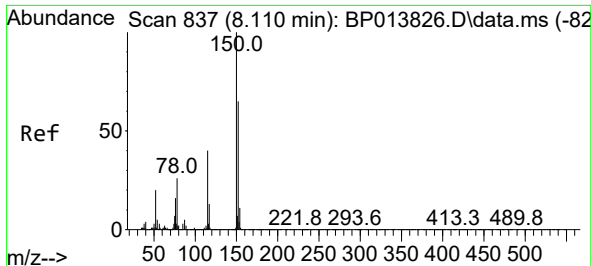
Reviewed By :Yogesh Patel 02/27/2023  
 Supervised By :Jagrut Upadhyay 02/27/2023

Quant Time: Feb 24 16:57:20 2023  
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 Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc   | Units | Dev(Min) |
|-------------------------------|--------|------|----------|--------|-------|----------|
| 44) 2,4,5-Trichlorophenol     | 13.257 | 196  | 326610   | 38.900 | ng    | 98       |
| 46) 1,1'-Biphenyl             | 13.586 | 154  | 1003084  | 39.634 | ng    | 98       |
| 47) 2-Chloronaphthalene       | 13.628 | 162  | 784727   | 40.698 | ng    | 98       |
| 48) 2-Nitroaniline            | 13.833 | 65   | 218233   | 40.398 | ng    | 97       |
| 49) Acenaphthylene            | 14.475 | 152  | 1185216  | 38.995 | ng    | 99       |
| 50) Dimethylphthalate         | 14.198 | 163  | 975796   | 38.296 | ng    | 100      |
| 51) 2,6-Dinitrotoluene        | 14.322 | 165  | 210911   | 38.281 | ng    | 100      |
| 52) Acenaphthene              | 14.816 | 154  | 722867   | 39.084 | ng    | 99       |
| 53) 3-Nitroaniline            | 14.651 | 138  | 151440   | 27.040 | ng    | 99       |
| 54) 2,4-Dinitrophenol         | 14.857 | 184  | 294164   | 80.296 | ng    | 95       |
| 55) Dibenzofuran              | 15.145 | 168  | 1172479  | 38.099 | ng    | 98       |
| 56) 4-Nitrophenol             | 14.957 | 139  | 351589   | 77.195 | ng    | 90       |
| 57) 2,4-Dinitrotoluene        | 15.110 | 165  | 286669   | 38.704 | ng    | 97       |
| 58) Fluorene                  | 15.798 | 166  | 928308   | 38.471 | ng    | 99       |
| 59) 2,3,4,6-Tetrachlorophenol | 15.369 | 232  | 292086   | 40.410 | ng    | 99       |
| 60) Diethylphthalate          | 15.557 | 149  | 957407   | 38.533 | ng    | 99       |
| 61) 4-Chlorophenyl-phenyle... | 15.786 | 204  | 505817   | 38.688 | ng    | 99       |
| 62) 4-Nitroaniline            | 15.816 | 138  | 202441   | 34.693 | ng    | 90       |
| 63) Azobenzene                | 16.080 | 77   | 862889   | 38.386 | ng    | 96       |
| 65) 4,6-Dinitro-2-methylph... | 15.869 | 198  | 181845   | 42.379 | ng    | 97       |
| 66) n-Nitrosodiphenylamine    | 16.004 | 169  | 810189   | 43.341 | ng    | 99       |
| 67) 4-Bromophenyl-phenylether | 16.686 | 248  | 330840   | 45.418 | ng    | 98       |
| 68) Hexachlorobenzene         | 16.804 | 284  | 382539   | 48.109 | ng    | 99       |
| 69) Atrazine                  | 16.945 | 200  | 13569    | 2.129  | ng    | 91       |
| 70) Pentachlorophenol         | 17.145 | 266  | 469936   | 80.161 | ng    | 99       |
| 71) Phenanthrene              | 17.545 | 178  | 1395328  | 40.358 | ng    | 99       |
| 72) Anthracene                | 17.639 | 178  | 1394806  | 40.347 | ng    | 100      |
| 73) Carbazole                 | 17.904 | 167  | 1230950  | 39.551 | ng    | 99       |
| 74) Di-n-butylphthalate       | 18.433 | 149  | 1561348  | 42.818 | ng    | 99       |
| 75) Fluoranthene              | 19.498 | 202  | 1715445  | 39.801 | ng    | 98       |
| 77) Benzidine                 | 19.668 | 184  | 611408   | 43.288 | ng    | 100      |
| 78) Pyrene                    | 19.851 | 202  | 1810831  | 38.132 | ng    | 99       |
| 80) Butylbenzylphthalate      | 20.704 | 149  | 691872   | 40.992 | ng    | 97       |
| 81) Benzo(a)anthracene        | 21.562 | 228  | 1953426  | 39.255 | ng    | 99       |
| 82) 3,3'-Dichlorobenzidine    | 21.486 | 252  | 654159   | 41.784 | ng    | 100      |
| 83) Chrysene                  | 21.621 | 228  | 1849181  | 38.359 | ng    | 100      |
| 84) Bis(2-ethylhexyl)phtha... | 21.457 | 149  | 1051300  | 39.951 | ng    | 100      |
| 85) Di-n-octyl phthalate      | 22.433 | 149  | 1827955  | 38.984 | ng    | 100      |
| 87) Indeno(1,2,3-cd)pyrene    | 26.833 | 276  | 2766753  | 47.743 | ng    | 96       |
| 88) Benzo(b)fluoranthene      | 23.351 | 252  | 2182285  | 46.319 | ng    | # 97     |
| 89) Benzo(k)fluoranthene      | 23.404 | 252  | 2141941  | 44.787 | ng    | 98       |
| 90) Benzo(a)pyrene            | 24.021 | 252  | 1945043  | 42.702 | ng    | 99       |
| 91) Dibenzo(a,h)anthracene    | 26.850 | 278  | 2376476  | 48.945 | ng    | 97       |
| 92) Benzo(g,h,i)perylene      | 27.668 | 276  | 2392443  | 49.831 | ng    | 97       |

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





#1  
 1,4-Dichlorobenzene-d4  
 Concen: 20.000 ng  
 RT: 8.110 min Scan# 81  
 Delta R.T. 0.006 min  
 Lab File: BP013886.D  
 Acq: 24 Feb 2023 15:35

Instrument :

BNA\_P

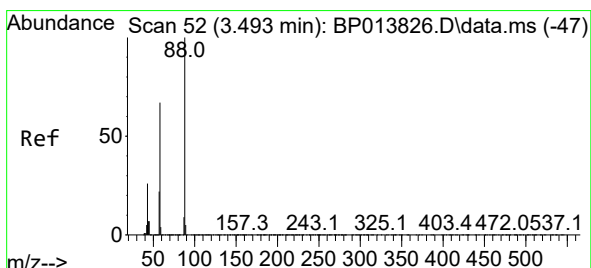
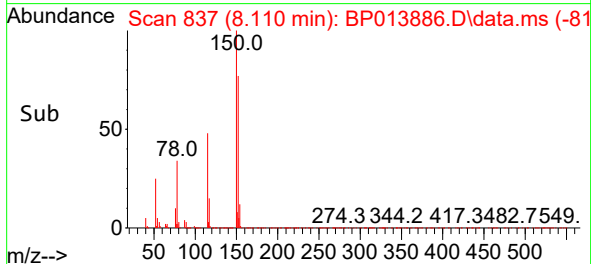
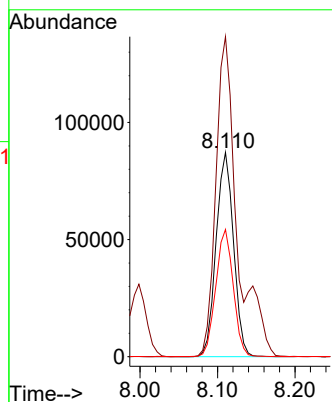
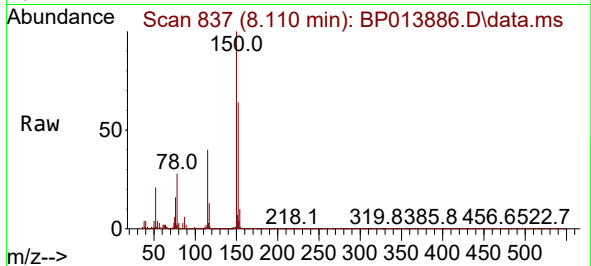
ClientSampleId :

PB151066BS

Tgt Ion:152 Resp: 13626  
 Ion Ratio Lower Upper  
 152 100  
 150 156.6 122.8 184.2  
 115 62.2 49.0 73.6

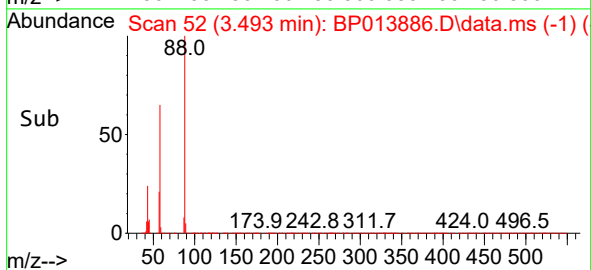
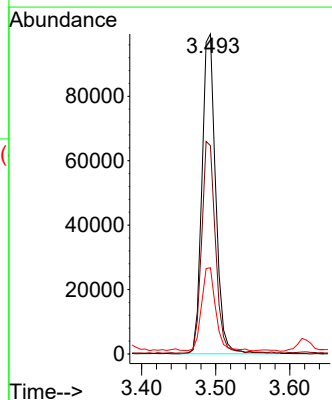
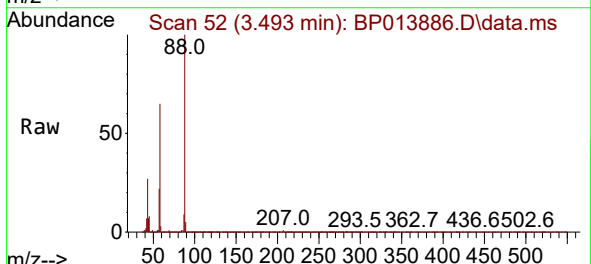
Manual Integrations  
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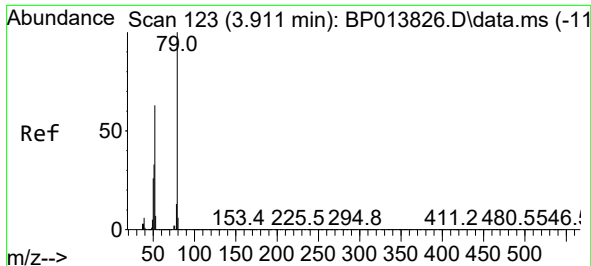
Reviewed By :Yogesh Patel 02/27/2023  
 Supervised By :Jagrut Upadhyay 02/27/2023



#2  
 1,4-Dioxane  
 Concen: 35.404 ng  
 RT: 3.493 min Scan# 52  
 Delta R.T. 0.006 min  
 Lab File: BP013886.D  
 Acq: 24 Feb 2023 15:35

Tgt Ion: 88 Resp: 127229  
 Ion Ratio Lower Upper  
 88 100  
 58 66.4 53.5 80.3  
 43 26.7 20.6 30.8





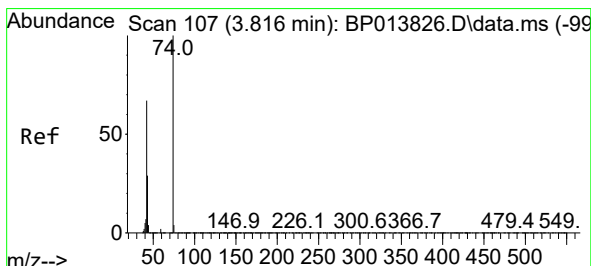
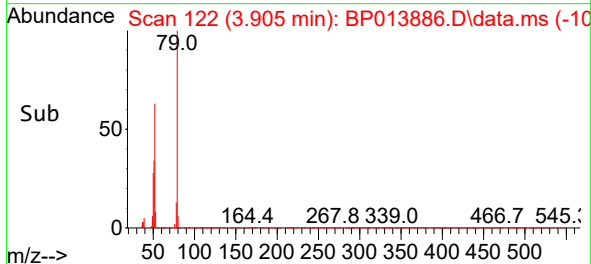
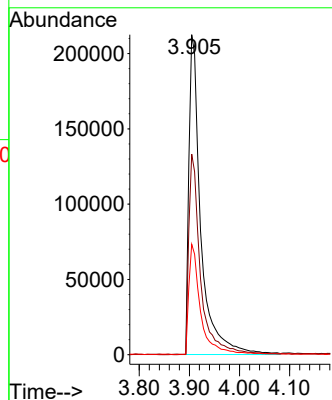
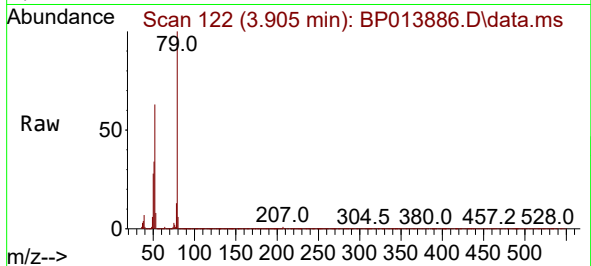
#3  
Pyridine  
Concen: 36.342 ng  
RT: 3.905 min Scan# 11  
Delta R.T. -0.000 min  
Lab File: BP013886.D  
Acq: 24 Feb 2023 15:35

Instrument :  
BNA\_P  
ClientSampleId :  
PB151066BS

Tgt Ion: 79 Resp: 352069  
Ion Ratio Lower Upper  
79 100  
52 62.7 50.0 75.0  
51 34.5 26.7 40.1

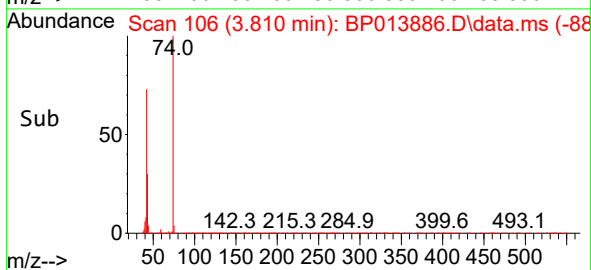
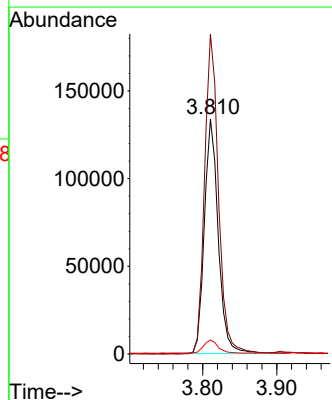
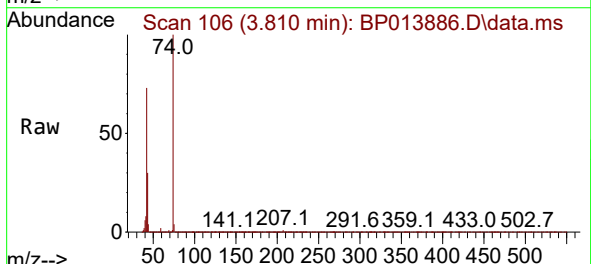
Manual Integrations  
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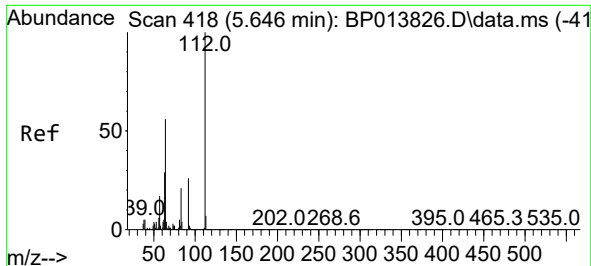
Reviewed By :Yogesh Patel 02/27/2023  
Supervised By :Jagrut Upadhyay 02/27/2023



#4  
n-Nitrosodimethylamine  
Concen: 48.079 ng  
RT: 3.810 min Scan# 106  
Delta R.T. 0.006 min  
Lab File: BP013886.D  
Acq: 24 Feb 2023 15:35

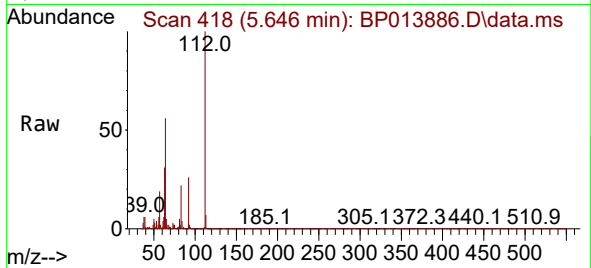
Tgt Ion: 42 Resp: 174555  
Ion Ratio Lower Upper  
42 100  
74 136.3 119.3 178.9  
44 5.9 6.0 9.0





#5  
2-Fluorophenol  
Concen: 136.963 ng  
RT: 5.646 min Scan# 418  
Delta R.T. 0.006 min  
Lab File: BP013886.D  
Acq: 24 Feb 2023 15:35

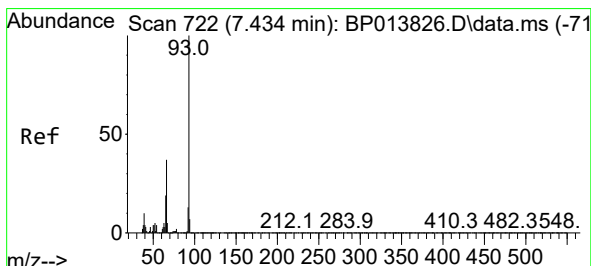
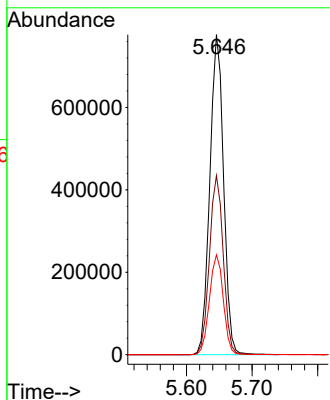
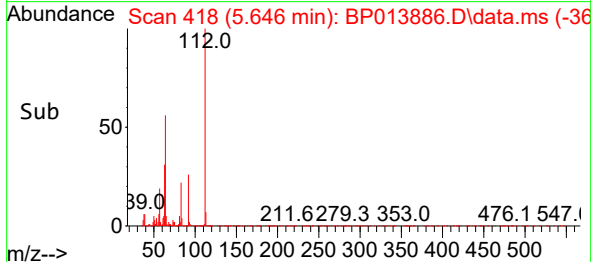
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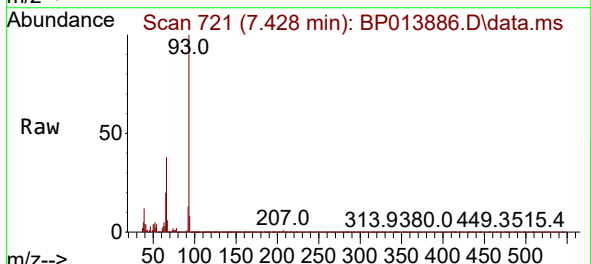
Tgt Ion: 112 Resp: 1132408  
Ion Ratio Lower Upper  
112 100  
64 56.0 44.6 66.8  
63 31.2 23.6 35.4

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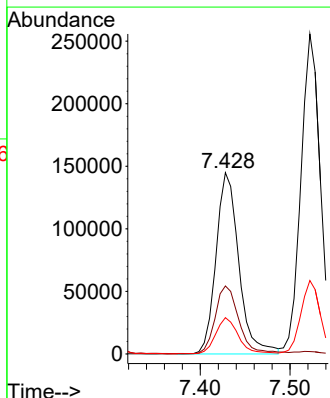
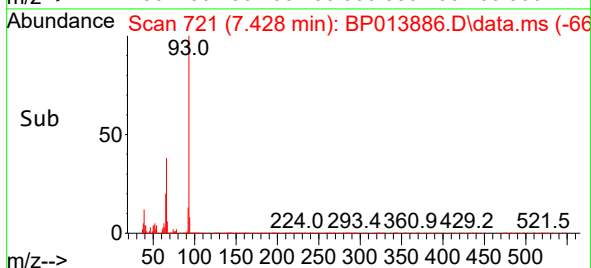
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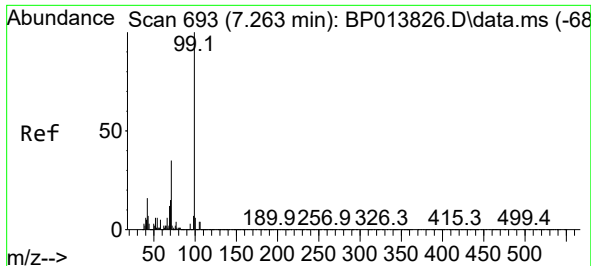


#6  
Aniline  
Concen: 18.601 ng  
RT: 7.428 min Scan# 721  
Delta R.T. 0.006 min  
Lab File: BP013886.D  
Acq: 24 Feb 2023 15:35



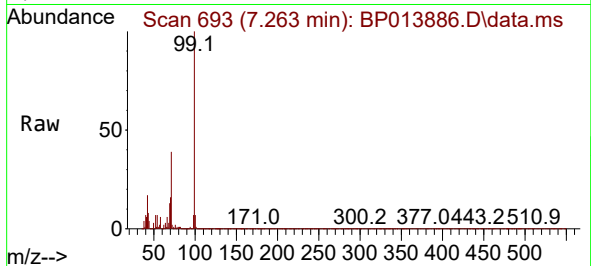
Tgt Ion: 93 Resp: 255928  
Ion Ratio Lower Upper  
93 100  
66 37.6 29.6 44.4  
65 20.1 15.4 23.0





#7  
Phenol-d6  
Concen: 131.621 ng  
RT: 7.263 min Scan# 693  
Delta R.T. 0.012 min  
Lab File: BP013886.D  
Acq: 24 Feb 2023 15:35

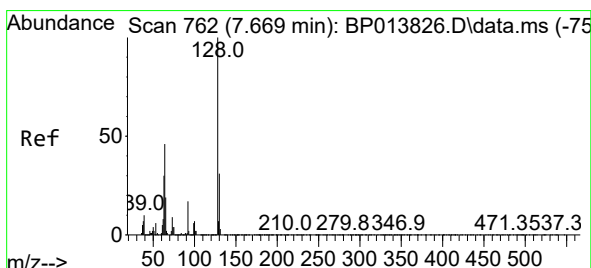
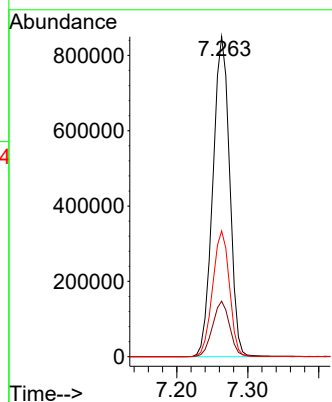
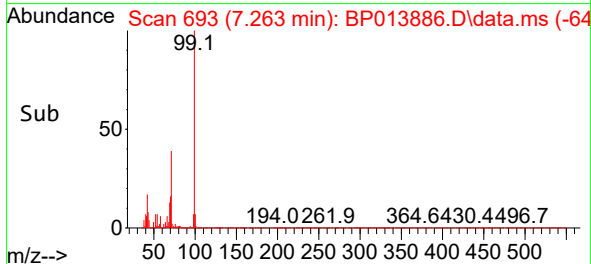
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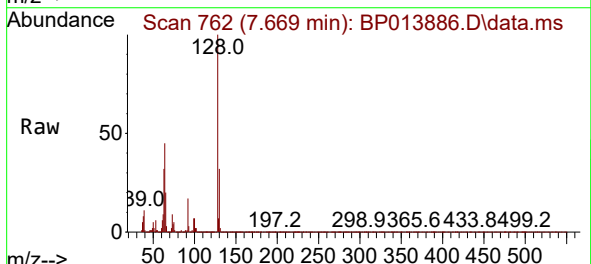
Tgt Ion: 99 Resp: 1393738  
Ion Ratio Lower Upper  
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71 39.3 27.8 41.8

Manual Integrations  
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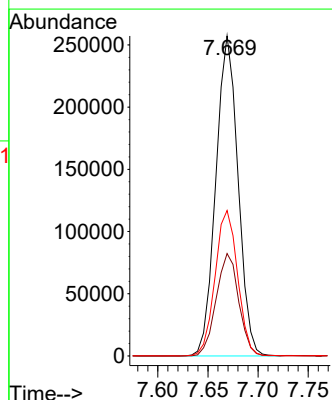
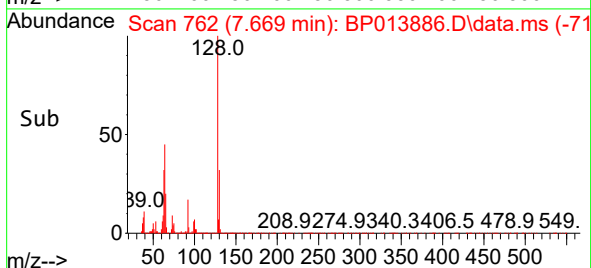
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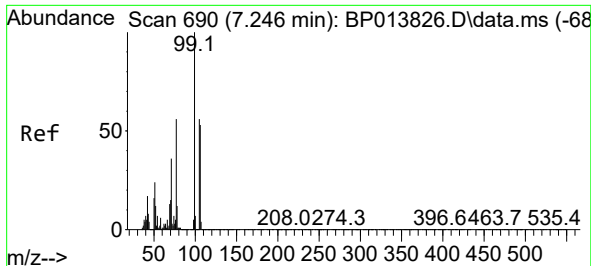


#8  
2-Chlorophenol  
Concen: 45.367 ng  
RT: 7.669 min Scan# 762  
Delta R.T. 0.006 min  
Lab File: BP013886.D  
Acq: 24 Feb 2023 15:35



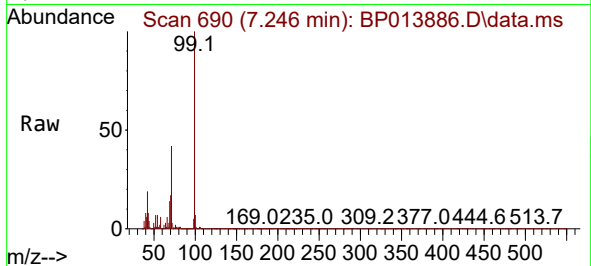
Tgt Ion:128 Resp: 395644  
Ion Ratio Lower Upper  
128 100  
130 32.0 11.4 51.4  
64 45.5 25.9 65.9





#9  
Benzaldehyde  
Concen: 2.480 ng m  
RT: 7.246 min Scan# 690  
Delta R.T. 0.012 min  
Lab File: BP013886.D  
Acq: 24 Feb 2023 15:35

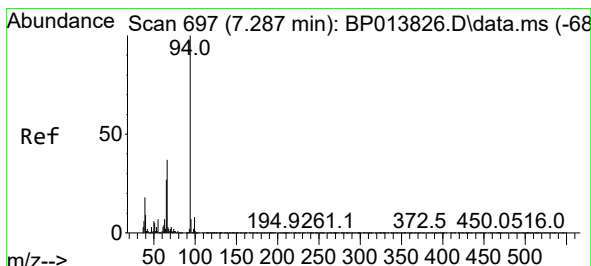
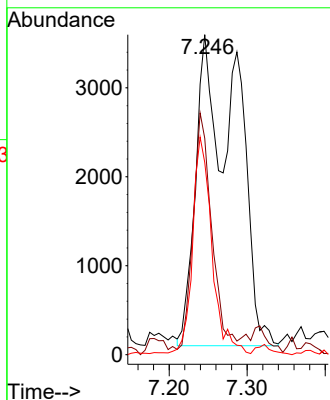
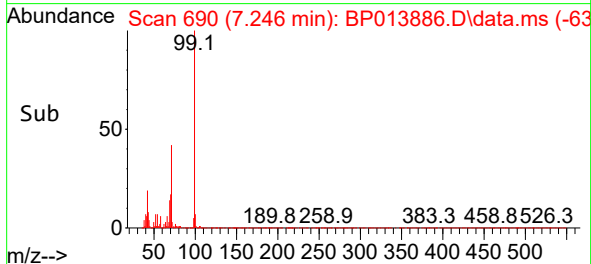
Instrument :  
BNA\_P  
ClientSampleId :  
PB151066BS



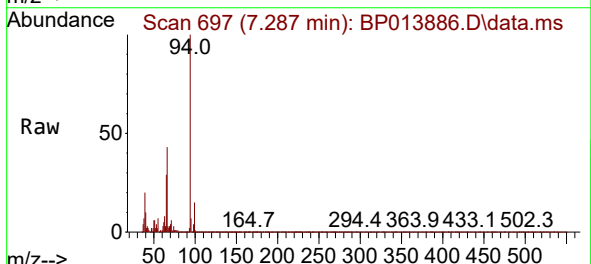
Tgt Ion: 77 Resp: 1249  
Ion Ratio Lower Upper  
77 100  
105 67.6 80.2 120.2  
106 60.1 74.8 114.8

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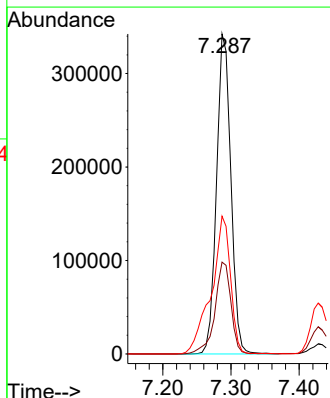
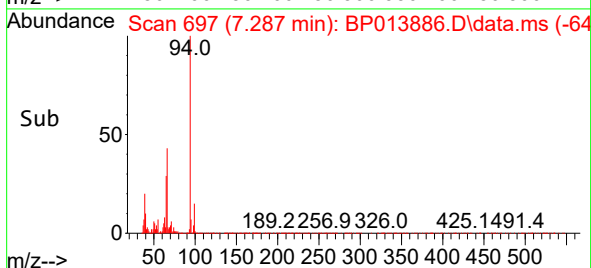
Reviewed By :Yogesh Patel 02/27/2023  
Supervised By :Jagrut Upadhyay 02/27/2023

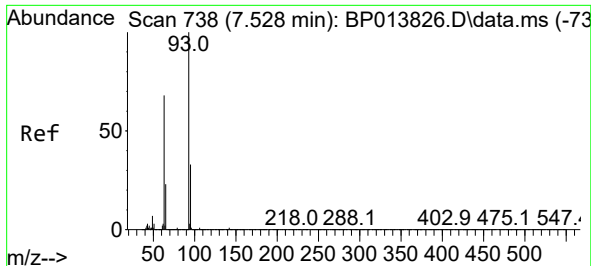


#10  
Phenol  
Concen: 45.452 ng  
RT: 7.287 min Scan# 697  
Delta R.T. 0.006 min  
Lab File: BP013886.D  
Acq: 24 Feb 2023 15:35



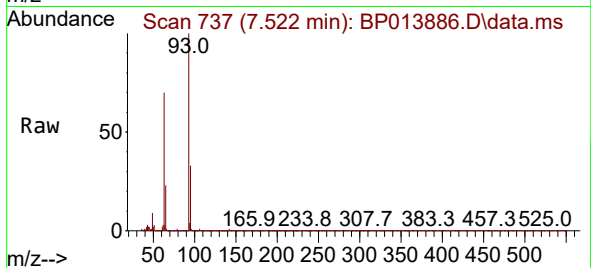
Tgt Ion: 94 Resp: 500969  
Ion Ratio Lower Upper  
94 100  
65 28.7 6.8 46.8  
66 43.1 17.4 57.4





#11  
bis(2-Chloroethyl)ether  
Concen: 43.028 ng  
RT: 7.522 min Scan# 737  
Delta R.T. 0.006 min  
Lab File: BP013886.D  
Acq: 24 Feb 2023 15:35

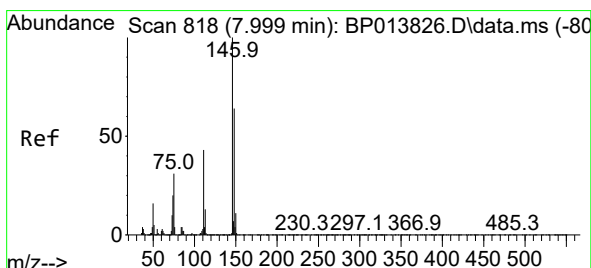
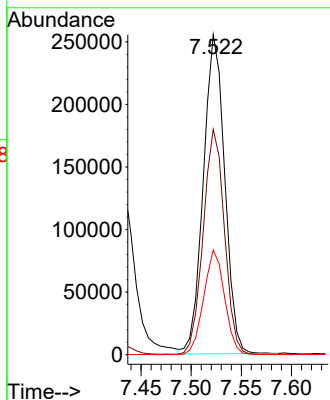
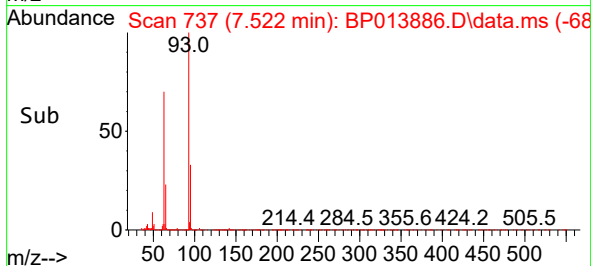
Instrument :  
BNA\_P  
ClientSampleId :  
PB151066BS



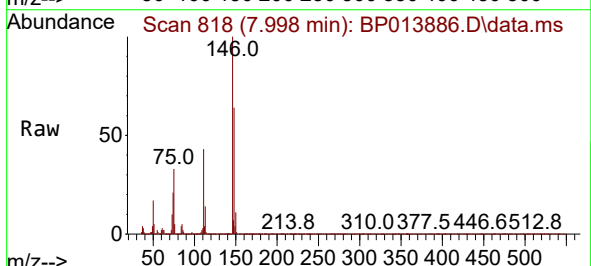
Tgt Ion: 93 Resp: 37954  
Ion Ratio Lower Upper  
93 100  
63 70.4 48.1 88.1  
95 32.7 12.6 52.6

Manual Integrations  
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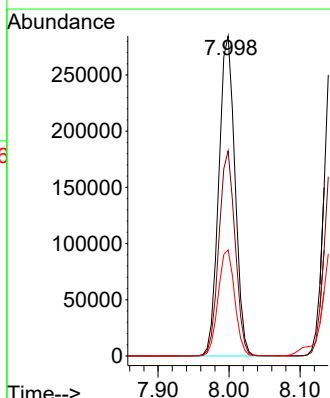
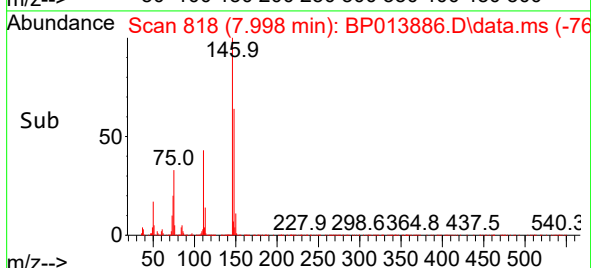
Reviewed By :Yogesh Patel 02/27/2023  
Supervised By :Jagrut Upadhyay 02/27/2023

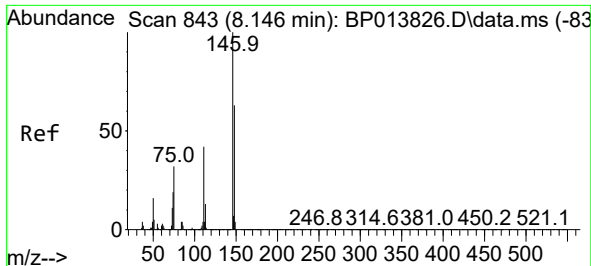


#12  
1,3-Dichlorobenzene  
Concen: 45.791 ng  
RT: 7.998 min Scan# 818  
Delta R.T. 0.006 min  
Lab File: BP013886.D  
Acq: 24 Feb 2023 15:35



Tgt Ion:146 Resp: 449036  
Ion Ratio Lower Upper  
146 100  
148 64.1 51.4 77.2  
75 33.2 25.0 37.4





#13

1,4-Dichlorobenzene

Concen: 45.610 ng

RT: 8.146 min Scan# 843

Delta R.T. 0.006 min

Lab File: BP013886.D

Acq: 24 Feb 2023 15:35

Instrument :

BNA\_P

ClientSampleId :

PB151066BS

Tgt Ion:146 Resp: 451790

Ion Ratio Lower Upper

146 100

148 64.5 50.4 75.6

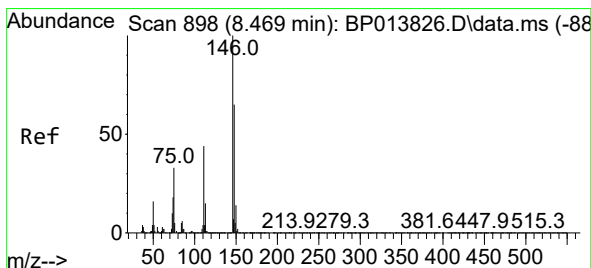
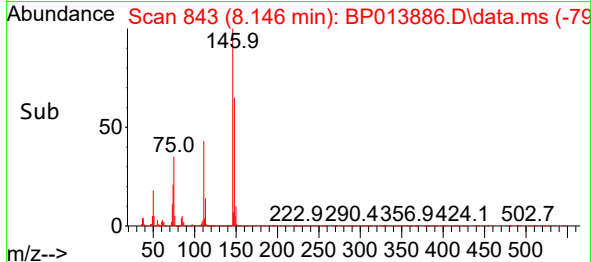
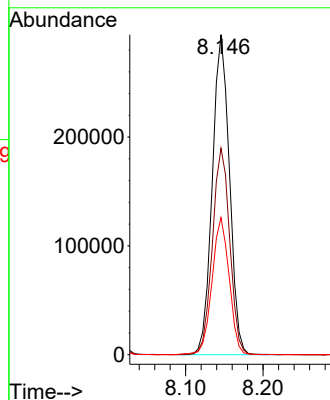
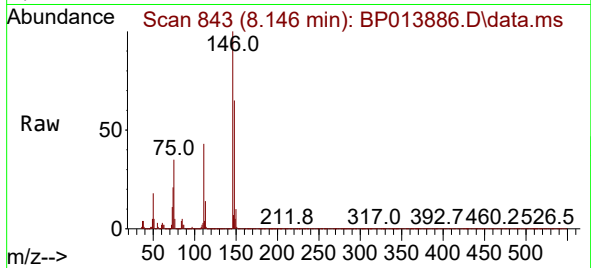
111 42.8 33.8 50.6

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 02/27/2023

Supervised By :Jagrut Upadhyay 02/27/2023



#14

1,2-Dichlorobenzene

Concen: 46.559 ng

RT: 8.469 min Scan# 898

Delta R.T. 0.006 min

Lab File: BP013886.D

Acq: 24 Feb 2023 15:35

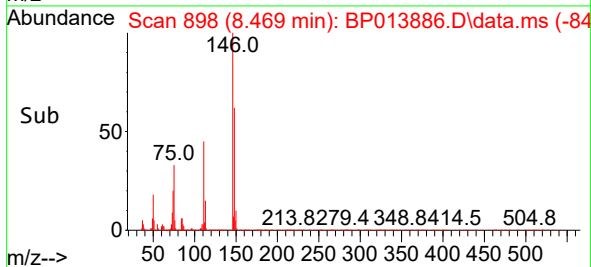
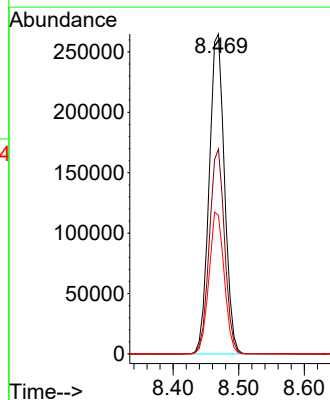
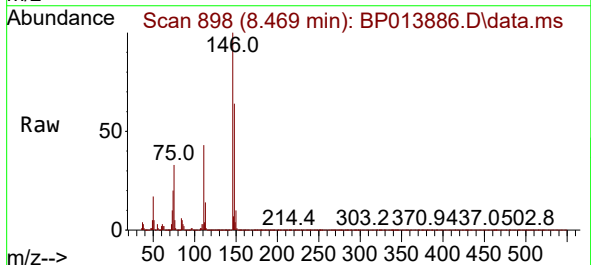
Tgt Ion:146 Resp: 430508

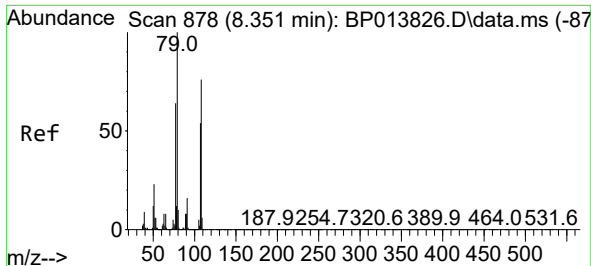
Ion Ratio Lower Upper

146 100

148 64.1 52.1 78.1

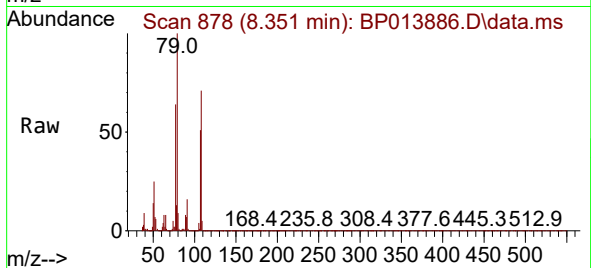
111 43.3 34.9 52.3





#15  
Benzyl Alcohol  
Concen: 47.985 ng m  
RT: 8.351 min Scan# 81  
Delta R.T. 0.006 min  
Lab File: BP013886.D  
Acq: 24 Feb 2023 15:35

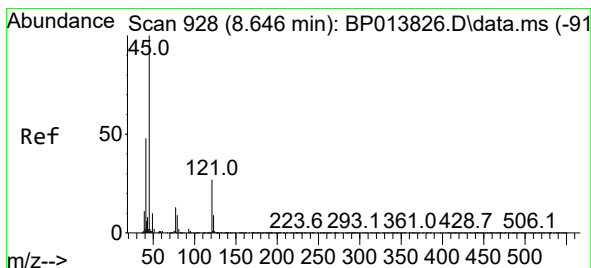
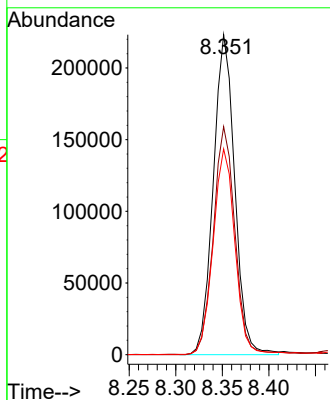
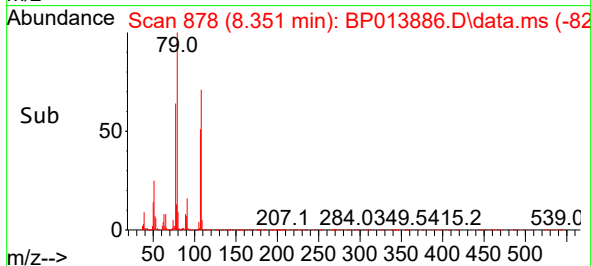
Instrument :  
BNA\_P  
ClientSampleId :  
PB151066BS



Tgt Ion: 79 Resp: 35649  
Ion Ratio Lower Upper  
79 100  
108 71.2 60.7 91.1  
77 64.3 51.4 77.0

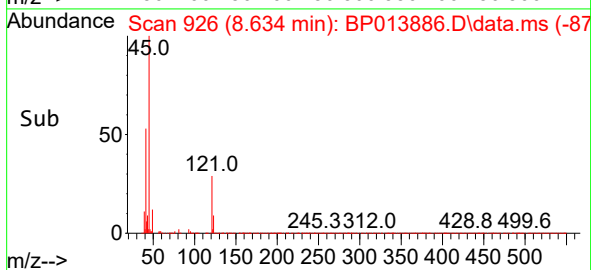
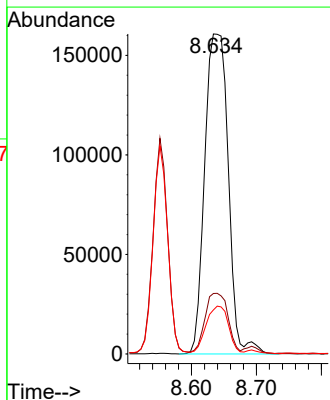
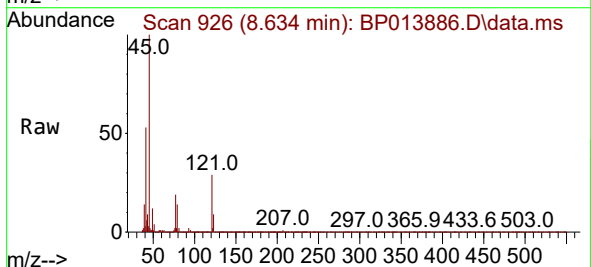
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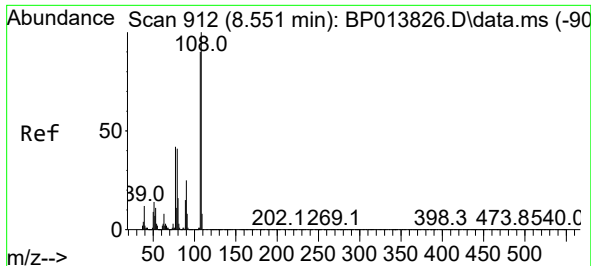
Reviewed By :Yogesh Patel 02/27/2023  
Supervised By :Jagrut Upadhyay 02/27/2023



#16  
2,2'-oxybis(1-Chloropropane)  
Concen: 42.938 ng m  
RT: 8.634 min Scan# 926  
Delta R.T. -0.000 min  
Lab File: BP013886.D  
Acq: 24 Feb 2023 15:35

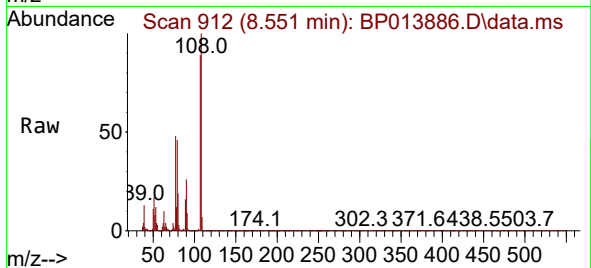
Tgt Ion: 45 Resp: 404573  
Ion Ratio Lower Upper  
45 100  
77 18.9 0.0 37.5  
79 13.8 0.0 33.8





#17  
2-Methylphenol  
Concen: 43.006 ng  
RT: 8.551 min Scan# 912  
Delta R.T. 0.006 min  
Lab File: BP013886.D  
Acq: 24 Feb 2023 15:35

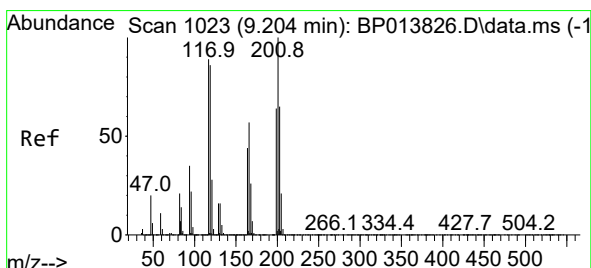
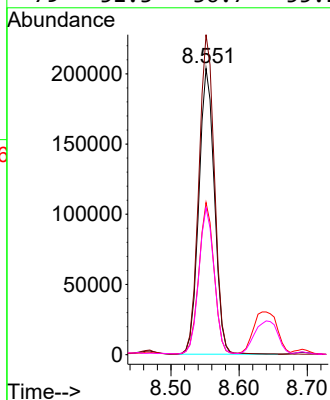
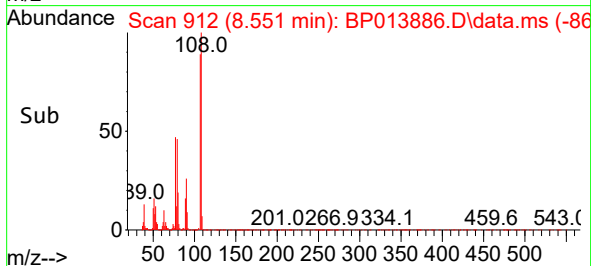
Instrument :  
BNA\_P  
ClientSampleId :  
PB151066BS



|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 107   | Resp: | 322560 |
| Ion      | Ratio | Lower | Upper  |
| 107      | 100   |       |        |
| 108      | 111.8 | 88.9  | 133.3  |
| 77       | 53.1  | 37.1  | 55.7   |
| 79       | 51.3  | 36.7  | 55.1   |

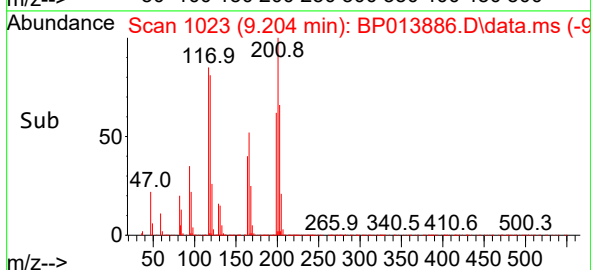
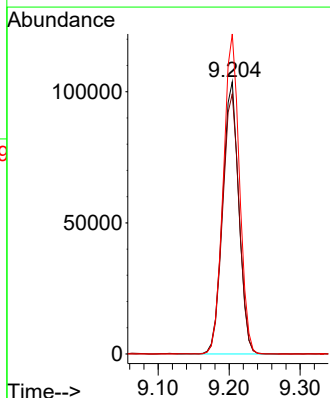
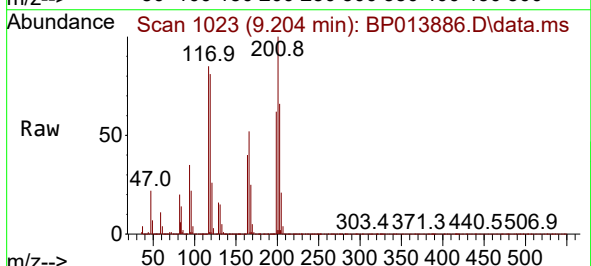
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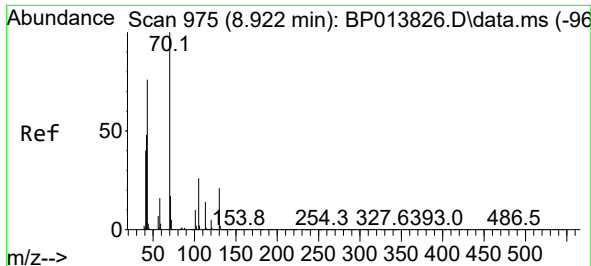
Reviewed By :Yogesh Patel 02/27/2023  
Supervised By :Jagrut Upadhyay 02/27/2023



#18  
Hexachloroethane  
Concen: 47.345 ng  
RT: 9.204 min Scan# 1023  
Delta R.T. 0.006 min  
Lab File: BP013886.D  
Acq: 24 Feb 2023 15:35

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 117   | Resp: | 164274 |
| Ion      | Ratio | Lower | Upper  |
| 117      | 100   |       |        |
| 119      | 95.5  | 77.2  | 115.8  |
| 201      | 117.5 | 89.4  | 134.2  |





#19

n-Nitroso-di-n-propylamine

Concen: 45.052 ng

RT: 8.922 min Scan# 91

Delta R.T. 0.006 min

Lab File: BP013886.D

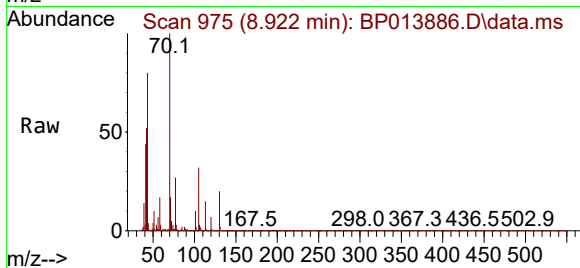
Acq: 24 Feb 2023 15:35

Instrument :

BNA\_P

ClientSampleId :

PB151066BS



Tgt Ion: 70 Resp: 27921

Ion Ratio Lower Upper

70 100

42 51.7 39.0 58.4

101 10.1 8.0 12.0

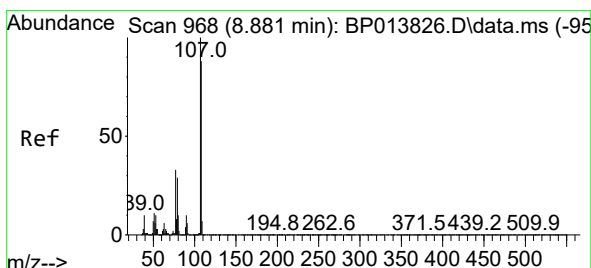
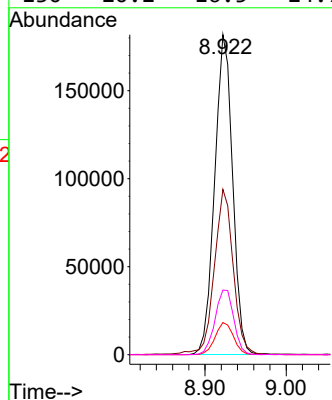
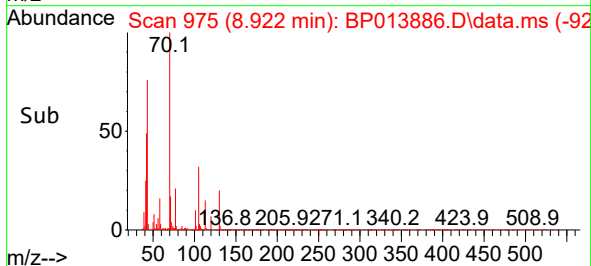
130 20.2 16.5 24.7

Manual Integrations

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Reviewed By :Yogesh Patel 02/27/2023

Supervised By :Jagrut Upadhyay 02/27/2023



#20

3+4-Methylphenols

Concen: 42.842 ng

RT: 8.881 min Scan# 968

Delta R.T. 0.006 min

Lab File: BP013886.D

Acq: 24 Feb 2023 15:35

Tgt Ion:107 Resp: 432490

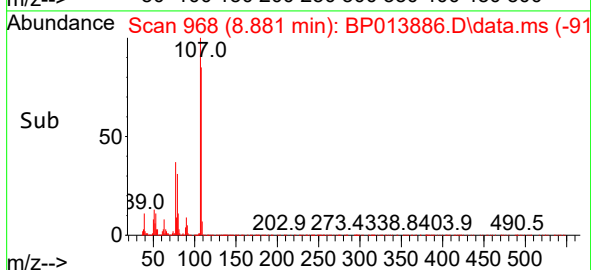
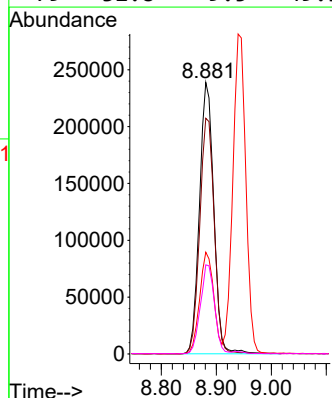
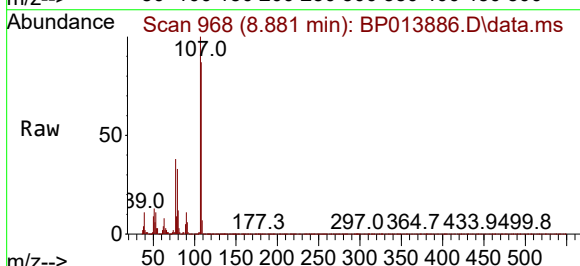
Ion Ratio Lower Upper

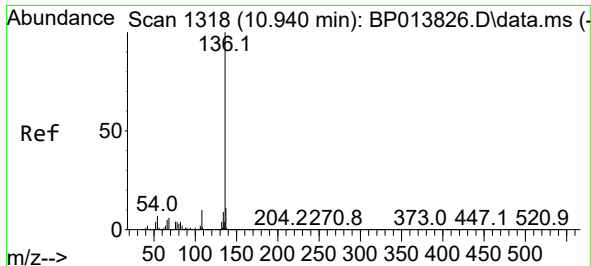
107 100

108 86.8 67.7 107.7

77 37.5 13.4 53.4

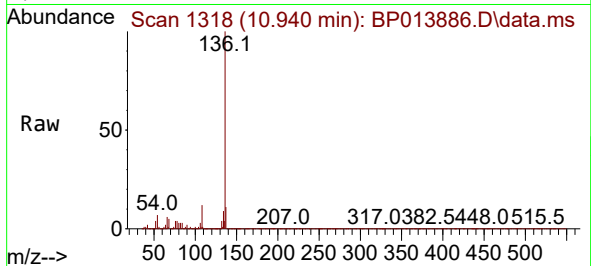
79 32.8 9.5 49.5





#21  
Naphthalene-d8  
Concen: 20.000 ng  
RT: 10.940 min Scan# 1318  
Delta R.T. 0.012 min  
Lab File: BP013886.D  
Acq: 24 Feb 2023 15:35

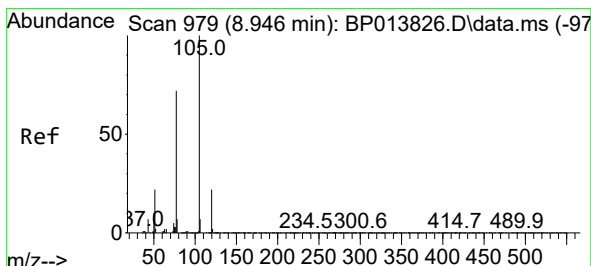
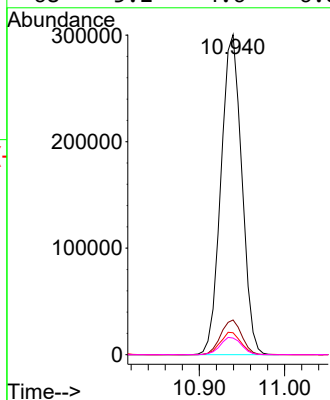
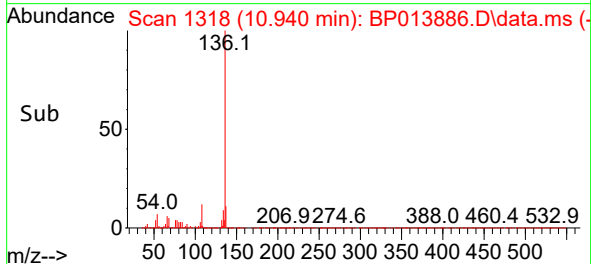
Instrument :  
BNA\_P  
ClientSampleId :  
PB151066BS



Tgt Ion:136 Resp: 509229  
Ion Ratio Lower Upper  
136 100  
137 10.8 8.5 12.7  
54 6.8 5.8 8.6  
68 5.2 4.6 6.8

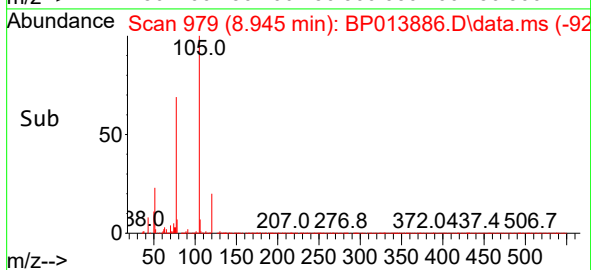
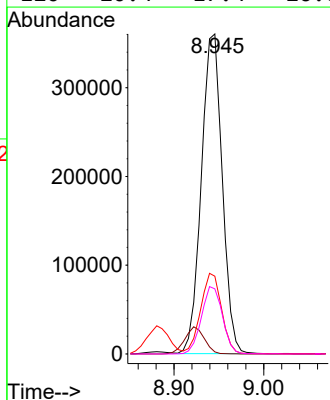
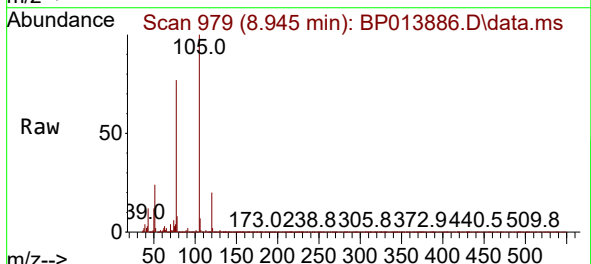
Manual Integrations  
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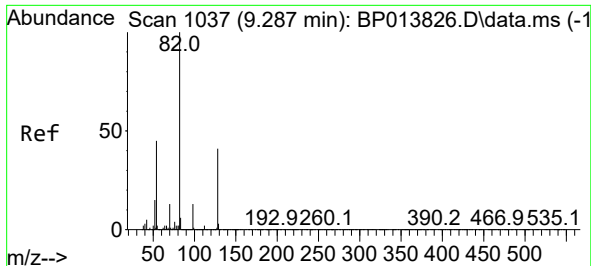
Reviewed By :Yogesh Patel 02/27/2023  
Supervised By :Jagrut Upadhyay 02/27/2023



#22  
Acetophenone  
Concen: 45.398 ng  
RT: 8.945 min Scan# 979  
Delta R.T. 0.012 min  
Lab File: BP013886.D  
Acq: 24 Feb 2023 15:35

Tgt Ion:105 Resp: 583095  
Ion Ratio Lower Upper  
105 100  
71 0.6 0.7 1.1#  
51 24.3 18.9 28.3  
120 20.4 17.4 26.0





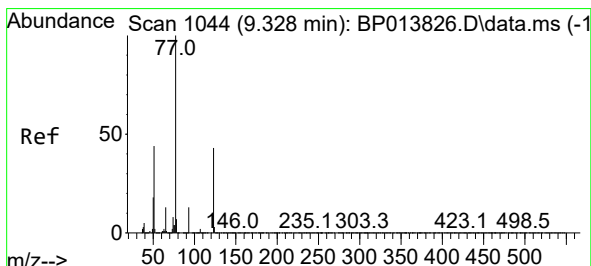
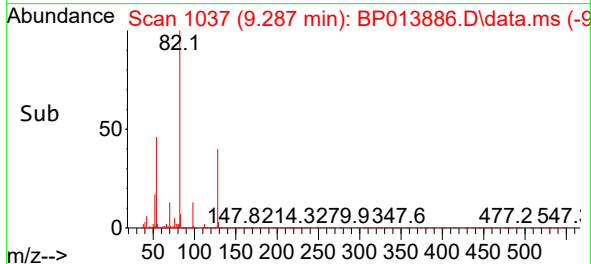
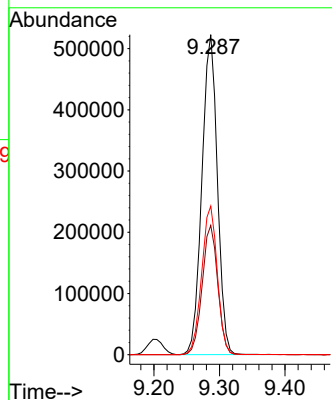
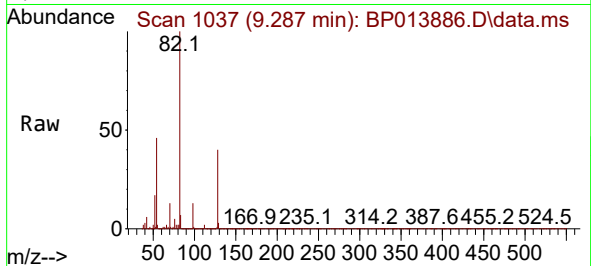
#23  
Nitrobenzene-d5  
Concen: 91.049 ng  
RT: 9.287 min Scan# 1037  
Delta R.T. 0.006 min  
Lab File: BP013886.D  
Acq: 24 Feb 2023 15:35

Instrument :  
BNA\_P  
ClientSampleId :  
PB151066BS

Tgt Ion: 82 Resp: 85860  
Ion Ratio Lower Upper  
82 100  
128 40.4 32.9 49.3  
54 46.4 35.6 53.4

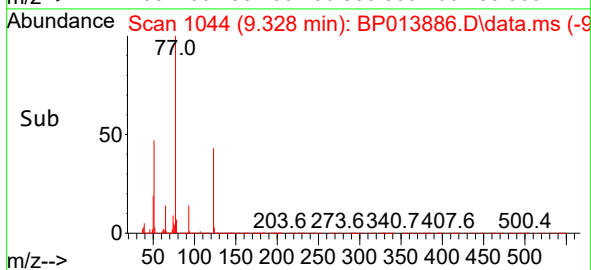
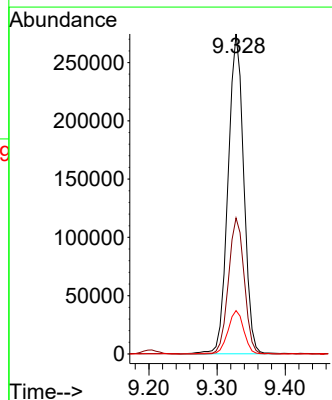
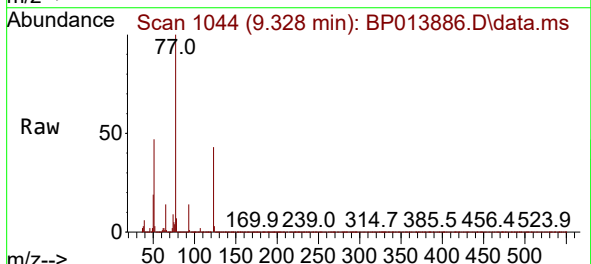
Manual Integrations  
APPROVED

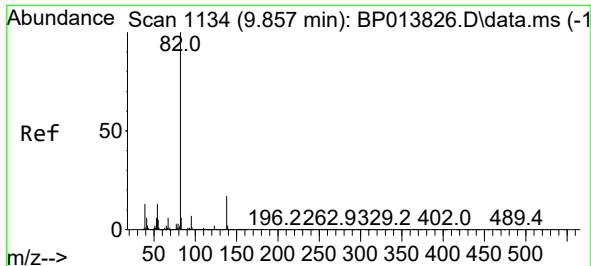
Reviewed By :Yogesh Patel 02/27/2023  
Supervised By :Jagrut Upadhyay 02/27/2023



#24  
Nitrobenzene  
Concen: 44.620 ng  
RT: 9.328 min Scan# 1044  
Delta R.T. 0.006 min  
Lab File: BP013886.D  
Acq: 24 Feb 2023 15:35

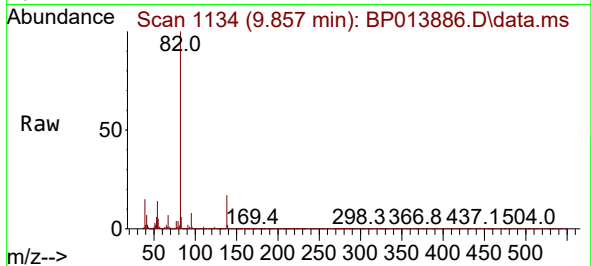
Tgt Ion: 77 Resp: 439098  
Ion Ratio Lower Upper  
77 100  
123 42.5 34.7 52.1  
65 13.6 10.5 15.7





#25  
Isophorone  
Concen: 41.781 ng  
RT: 9.857 min Scan# 1134  
Delta R.T. 0.006 min  
Lab File: BP013886.D  
Acq: 24 Feb 2023 15:35

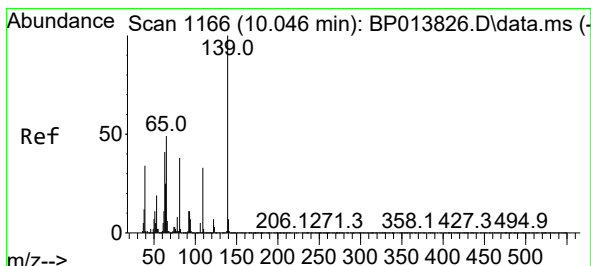
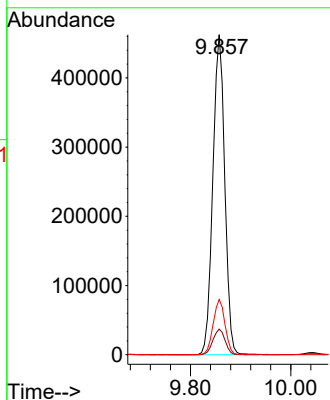
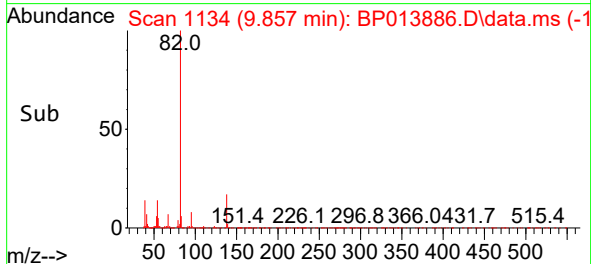
Instrument :  
BNA\_P  
ClientSampleId :  
PB151066BS



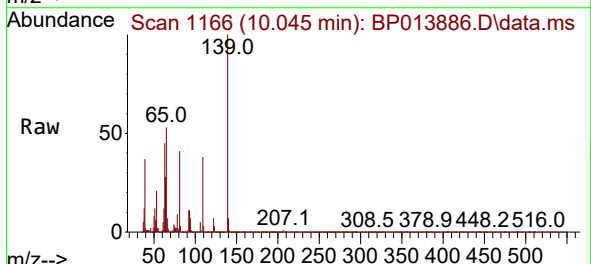
Tgt Ion: 82 Resp: 759272  
Ion Ratio Lower Upper  
82 100  
95 8.0 5.8 8.8  
138 17.3 13.7 20.5

Manual Integrations  
APPROVED

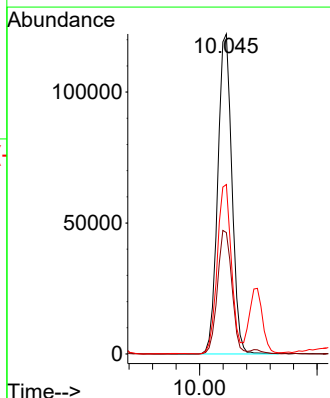
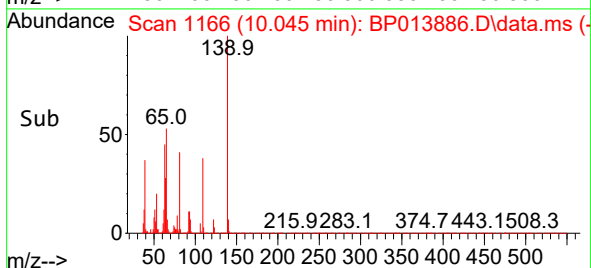
Reviewed By :Yogesh Patel 02/27/2023  
Supervised By :Jagrut Upadhyay 02/27/2023

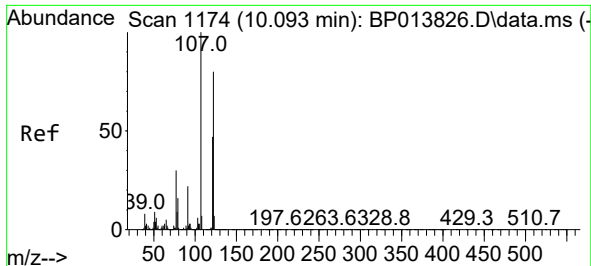


#26  
2-Nitrophenol  
Concen: 44.117 ng  
RT: 10.045 min Scan# 1166  
Delta R.T. 0.012 min  
Lab File: BP013886.D  
Acq: 24 Feb 2023 15:35



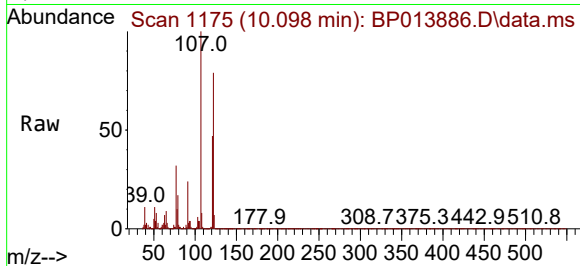
Tgt Ion:139 Resp: 203480  
Ion Ratio Lower Upper  
139 100  
109 38.0 26.7 40.1  
65 52.9 39.4 59.2





#27  
2,4-Dimethylphenol  
Concen: 44.110 ng  
RT: 10.098 min Scan# 1175  
Delta R.T. 0.012 min  
Lab File: BP013886.D  
Acq: 24 Feb 2023 15:35

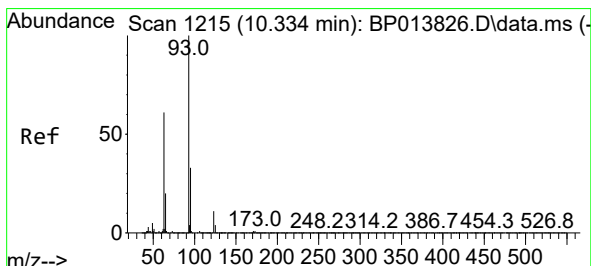
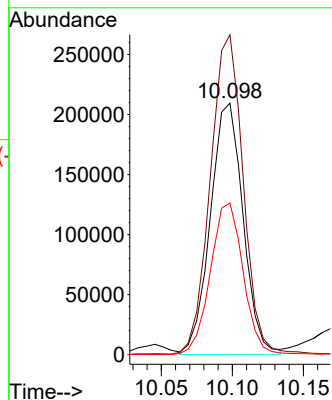
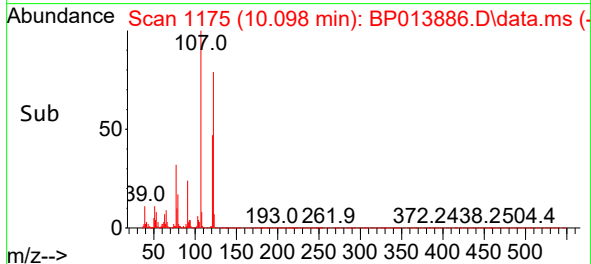
Instrument :  
BNA\_P  
ClientSampleId :  
PB151066BS



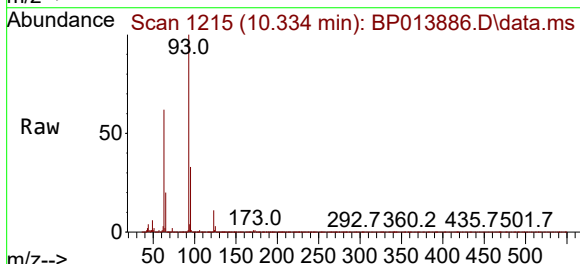
Tgt Ion:122 Resp: 33523  
Ion Ratio Lower Upper  
122 100  
107 127.2 100.0 150.0  
121 60.3 47.2 70.8

Manual Integrations  
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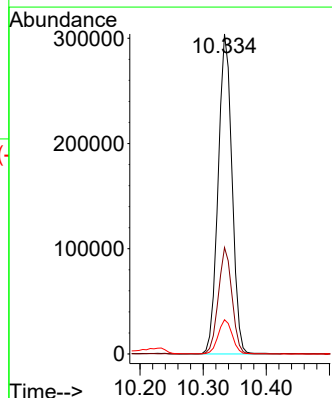
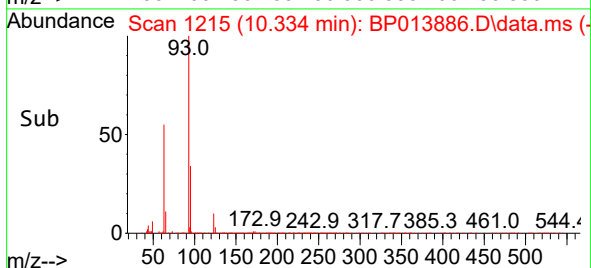
Reviewed By :Yogesh Patel 02/27/2023  
Supervised By :Jagrut Upadhyay 02/27/2023

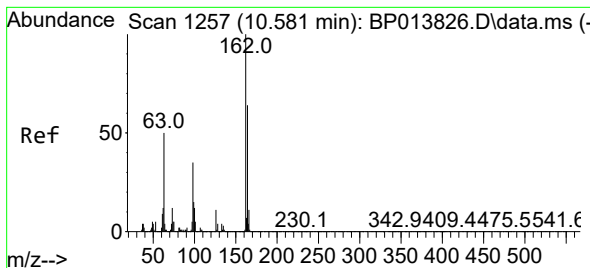


#28  
bis(2-Chloroethoxy)methane  
Concen: 39.891 ng  
RT: 10.334 min Scan# 1215  
Delta R.T. 0.006 min  
Lab File: BP013886.D  
Acq: 24 Feb 2023 15:35



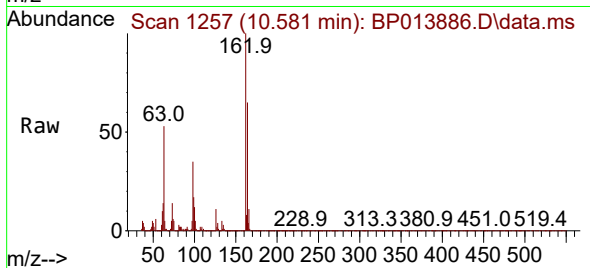
Tgt Ion: 93 Resp: 462760  
Ion Ratio Lower Upper  
93 100  
95 33.3 26.1 39.1  
123 10.7 8.7 13.1





#29  
2,4-Dichlorophenol  
Concen: 45.006 ng  
RT: 10.581 min Scan# 1257  
Delta R.T. 0.006 min  
Lab File: BP013886.D  
Acq: 24 Feb 2023 15:35

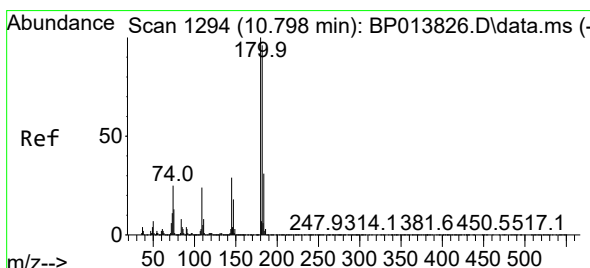
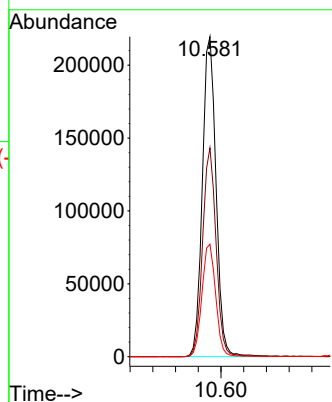
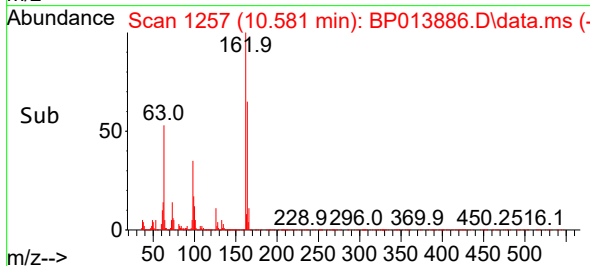
Instrument :  
BNA\_P  
ClientSampleId :  
PB151066BS



Tgt Ion:162 Resp: 366979  
Ion Ratio Lower Upper  
162 100  
164 65.3 44.4 84.4  
98 35.1 14.7 54.7

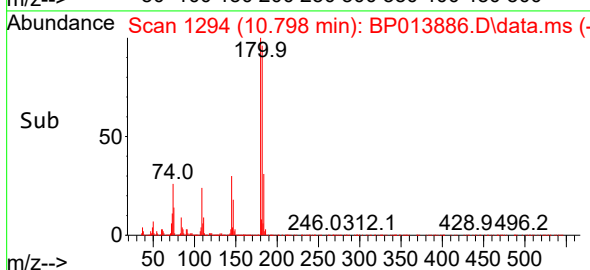
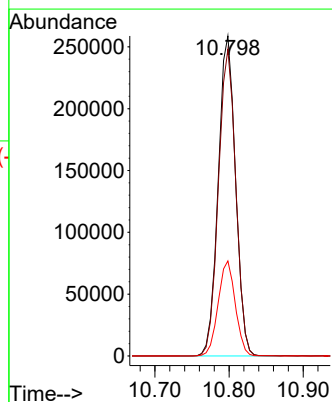
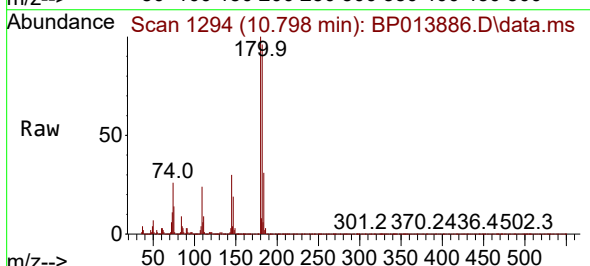
Manual Integrations  
APPROVED

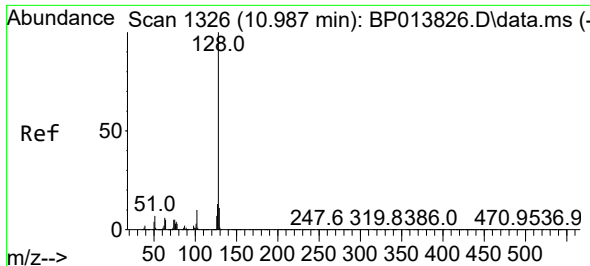
Reviewed By :Yogesh Patel 02/27/2023  
Supervised By :Jagrut Upadhyay 02/27/2023



#30  
1,2,4-Trichlorobenzene  
Concen: 43.812 ng  
RT: 10.798 min Scan# 1294  
Delta R.T. 0.006 min  
Lab File: BP013886.D  
Acq: 24 Feb 2023 15:35

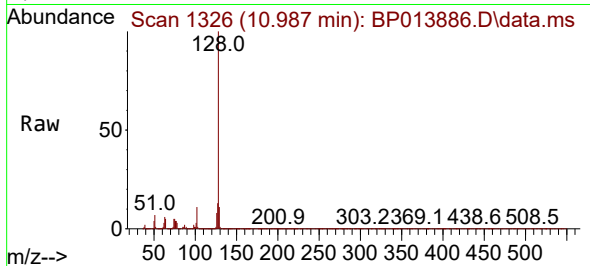
Tgt Ion:180 Resp: 419202  
Ion Ratio Lower Upper  
180 100  
182 95.8 76.8 115.2  
145 29.7 22.9 34.3





#31  
Naphthalene  
Concen: 40.072 ng  
RT: 10.987 min Scan# 111877  
Delta R.T. 0.006 min  
Lab File: BP013886.D  
Acq: 24 Feb 2023 15:35

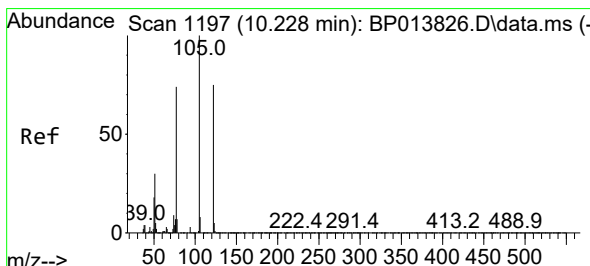
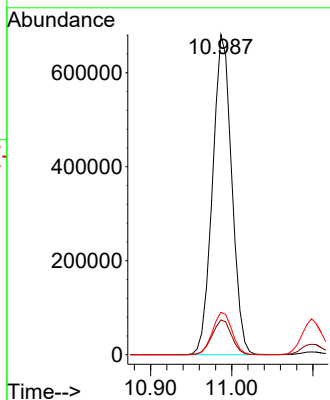
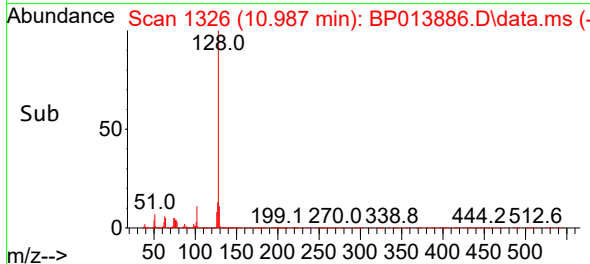
Instrument :  
BNA\_P  
ClientSampleId :  
PB151066BS



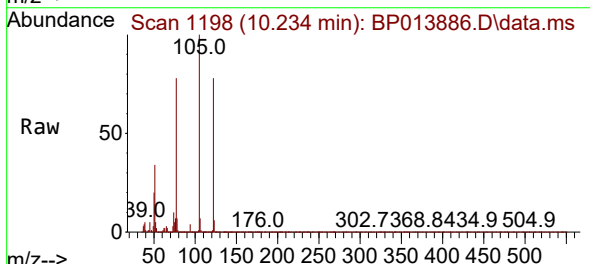
Tgt Ion:128 Resp: 111877  
Ion Ratio Lower Upper  
128 100  
129 10.9 8.6 12.8  
127 13.3 10.4 15.6

Manual Integrations  
APPROVED

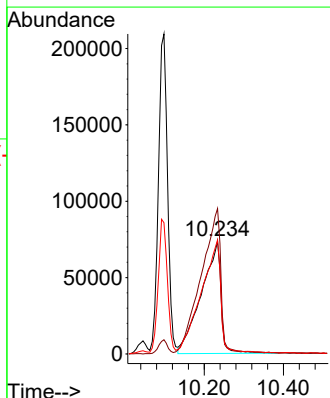
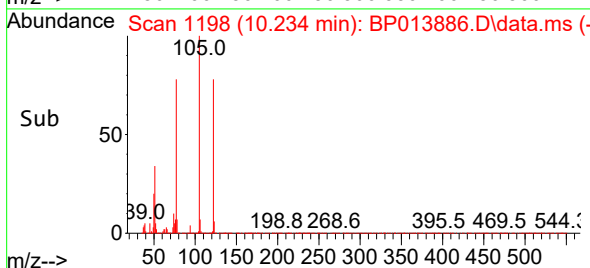
Reviewed By :Yogesh Patel 02/27/2023  
Supervised By :Jagrut Upadhyay 02/27/2023

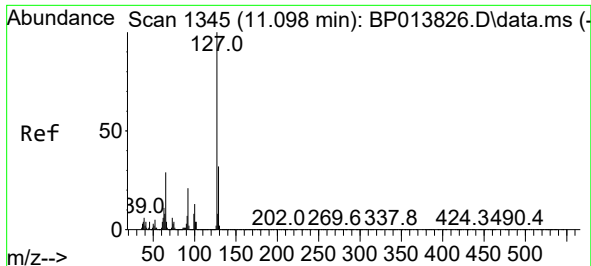


#32  
Benzoic acid  
Concen: 42.813 ng  
RT: 10.234 min Scan# 1198  
Delta R.T. 0.018 min  
Lab File: BP013886.D  
Acq: 24 Feb 2023 15:35



Tgt Ion:122 Resp: 252889  
Ion Ratio Lower Upper  
122 100  
105 128.9 107.4 147.4  
77 101.1 76.0 116.0





#33  
4-Chloroaniline  
Concen: 11.868 ng  
RT: 11.098 min Scan# 1345  
Delta R.T. 0.012 min  
Lab File: BP013886.D  
Acq: 24 Feb 2023 15:35

Instrument :

BNA\_P

ClientSampleId :

PB151066BS

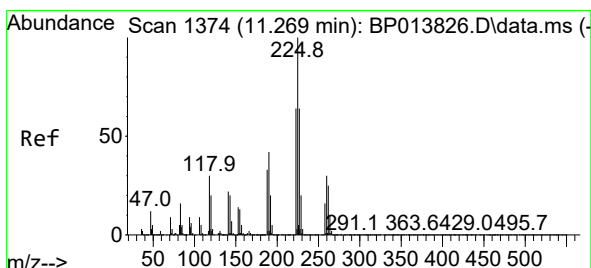
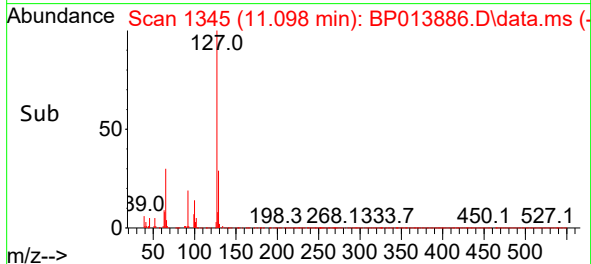
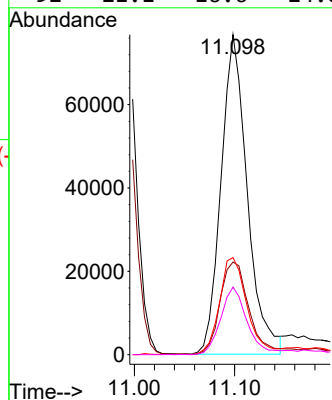
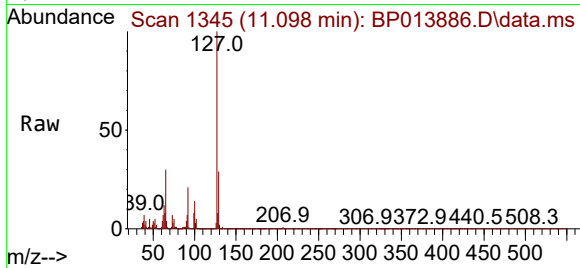
|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 127   | Resp: | 13913 |
| Ion Ratio | Lower | Upper |       |
| 127       | 100   |       |       |
| 129       | 29.0  | 25.7  | 38.5  |
| 65        | 30.3  | 23.4  | 35.2  |
| 92        | 21.1  | 16.6  | 24.8  |

Manual Integrations

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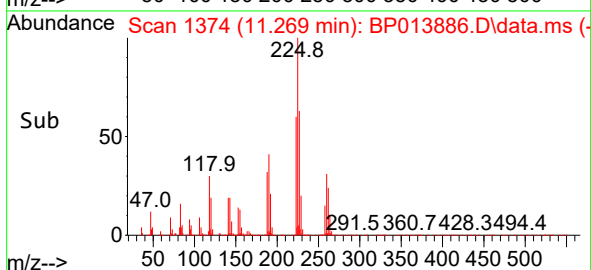
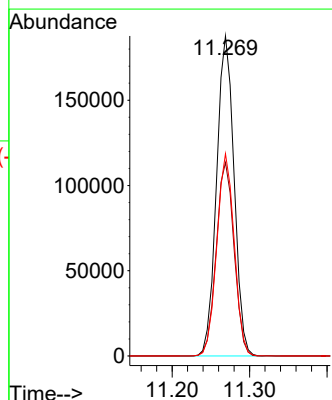
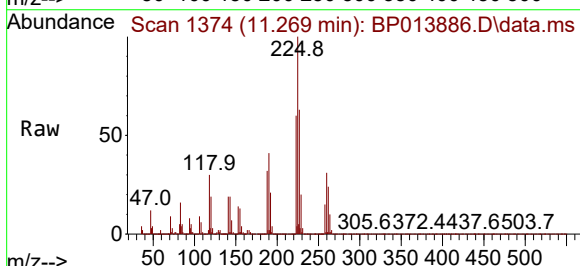
Reviewed By :Yogesh Patel 02/27/2023

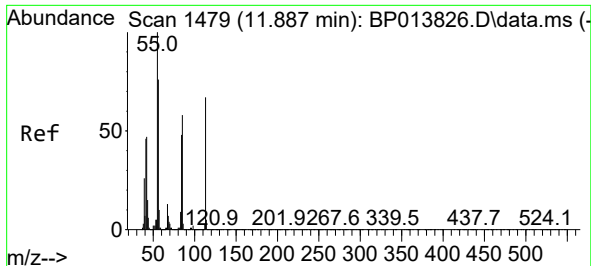
Supervised By :Jagrut Upadhyay 02/27/2023



#34  
Hexachlorobutadiene  
Concen: 46.359 ng  
RT: 11.269 min Scan# 1374  
Delta R.T. 0.006 min  
Lab File: BP013886.D  
Acq: 24 Feb 2023 15:35

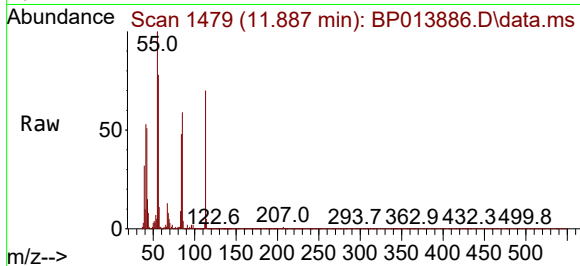
|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 225   | Resp: | 294774 |
| Ion Ratio | Lower | Upper |        |
| 225       | 100   |       |        |
| 223       | 60.5  | 51.0  | 76.4   |
| 227       | 63.2  | 51.6  | 77.4   |





#35  
Caprolactam  
Concen: 39.828 ng  
RT: 11.887 min Scan# 1479  
Delta R.T. 0.006 min  
Lab File: BP013886.D  
Acq: 24 Feb 2023 15:35

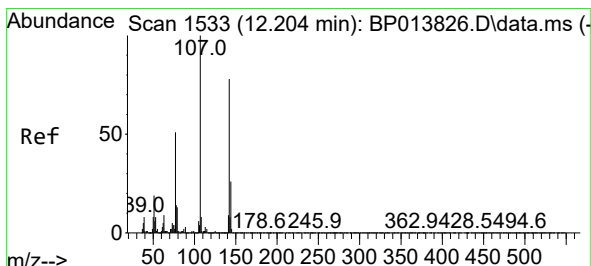
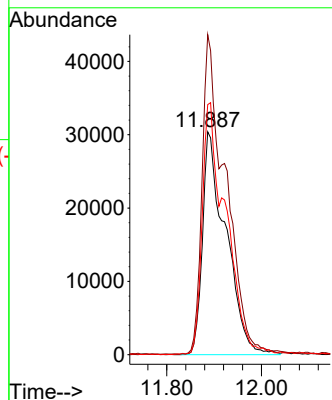
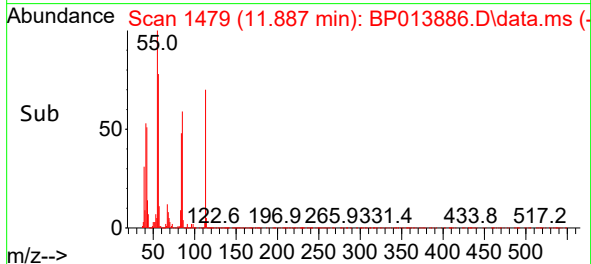
Instrument :  
BNA\_P  
ClientSampleId :  
PB151066BS



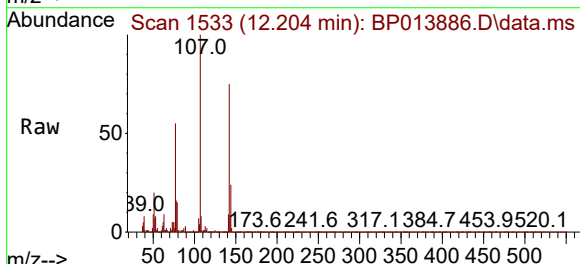
Tgt Ion:113 Resp: 103684  
Ion Ratio Lower Upper  
113 100  
55 143.6 128.5 168.5  
56 112.2 93.4 133.4

Manual Integrations  
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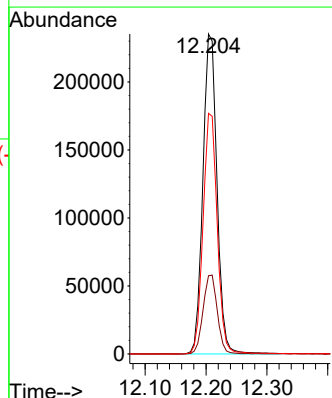
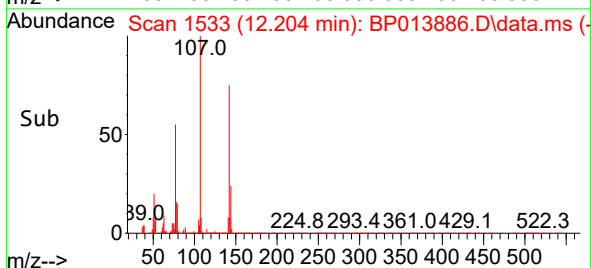
Reviewed By :Yogesh Patel 02/27/2023  
Supervised By :Jagrut Upadhyay 02/27/2023

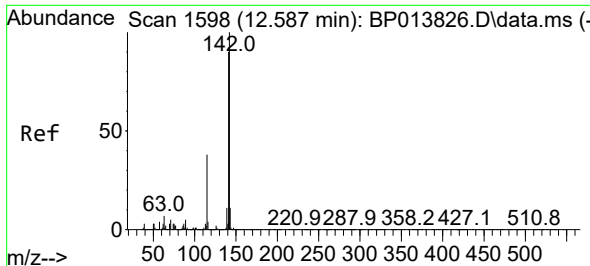


#36  
4-Chloro-3-methylphenol  
Concen: 41.666 ng  
RT: 12.204 min Scan# 1533  
Delta R.T. 0.006 min  
Lab File: BP013886.D  
Acq: 24 Feb 2023 15:35



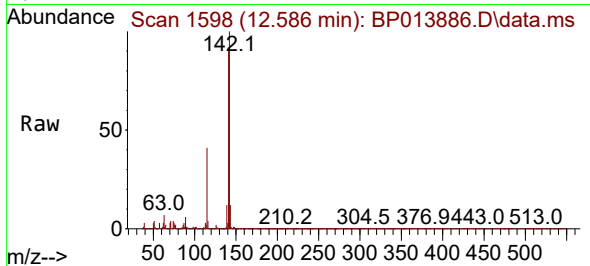
Tgt Ion:107 Resp: 378577  
Ion Ratio Lower Upper  
107 100  
144 24.4 20.4 30.6  
142 75.2 62.2 93.4





#37  
2-Methylnaphthalene  
Concen: 38.089 ng  
RT: 12.586 min Scan# 1598  
Delta R.T. 0.006 min  
Lab File: BP013886.D  
Acq: 24 Feb 2023 15:35

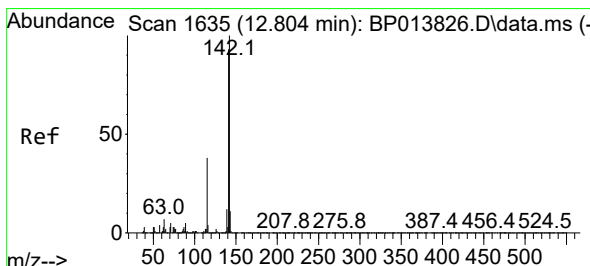
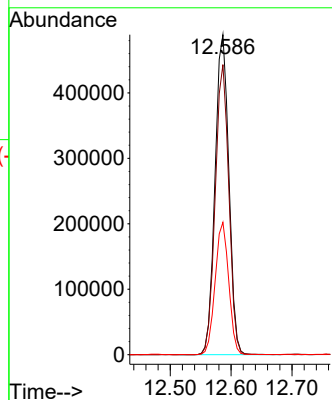
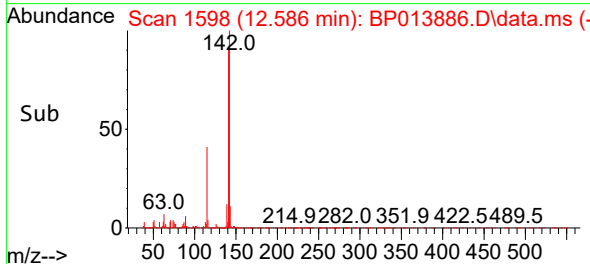
Instrument :  
BNA\_P  
ClientSampleId :  
PB151066BS



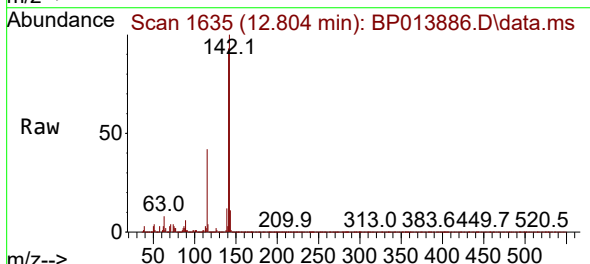
Tgt Ion:142 Resp: 769780  
Ion Ratio Lower Upper  
142 100  
141 90.6 72.1 108.1  
115 41.3 30.2 45.4

Manual Integrations  
APPROVED

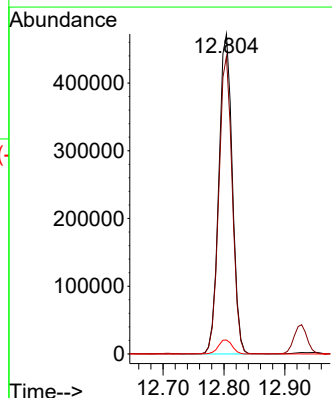
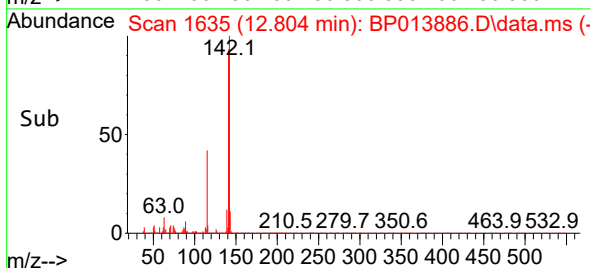
Reviewed By :Yogesh Patel 02/27/2023  
Supervised By :Jagrut Upadhyay 02/27/2023

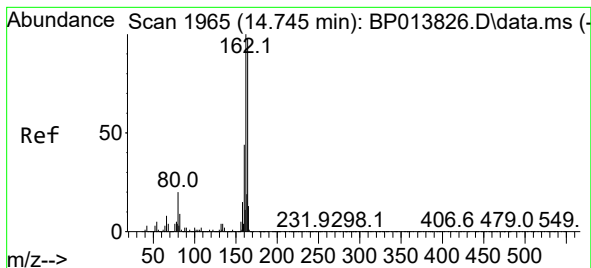


#38  
1-Methylnaphthalene  
Concen: 38.288 ng  
RT: 12.804 min Scan# 1635  
Delta R.T. 0.006 min  
Lab File: BP013886.D  
Acq: 24 Feb 2023 15:35



Tgt Ion:142 Resp: 724199  
Ion Ratio Lower Upper  
142 100  
141 93.0 74.2 111.4  
116 4.3 3.3 4.9





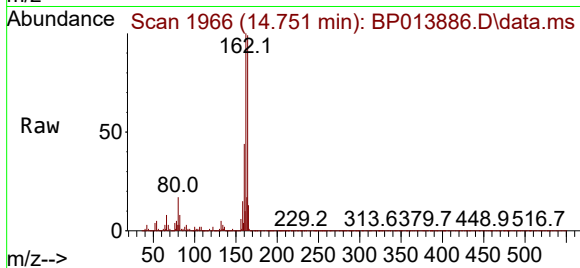
#39  
Acenaphthene-d10  
Concen: 20.000 ng  
RT: 14.751 min Scan# 1965  
Delta R.T. 0.012 min  
Lab File: BP013886.D  
Acq: 24 Feb 2023 15:35

Instrument :

BNA\_P

ClientSampleId :

PB151066BS



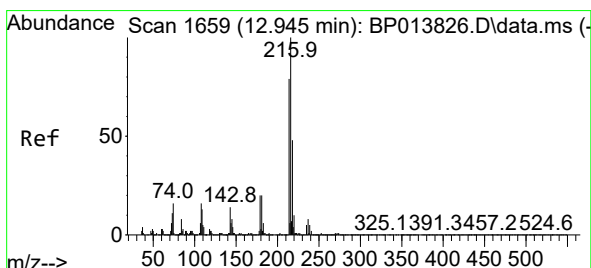
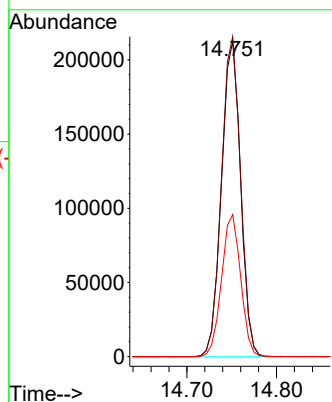
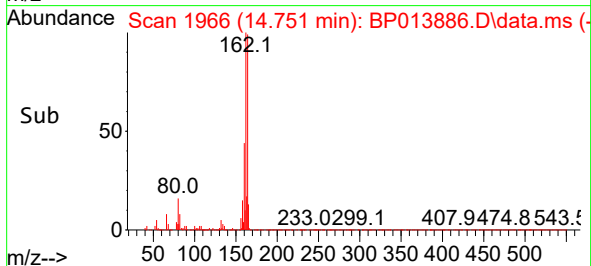
Tgt Ion:164 Resp: 31312  
Ion Ratio Lower Upper  
164 100  
162 101.4 81.7 122.5  
160 45.0 36.1 54.1

Manual Integrations

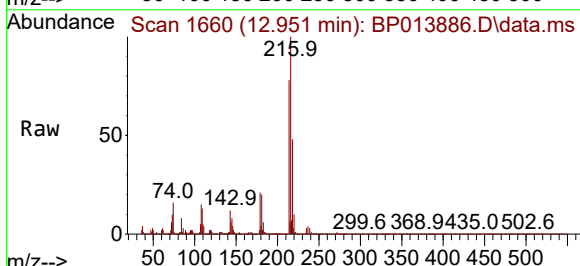
APPROVED

Reviewed By :Yogesh Patel 02/27/2023

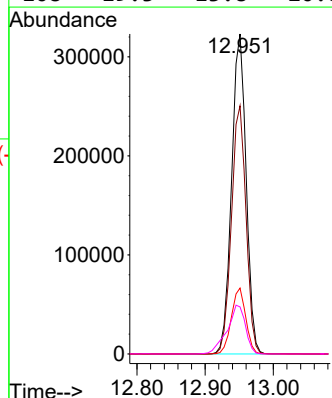
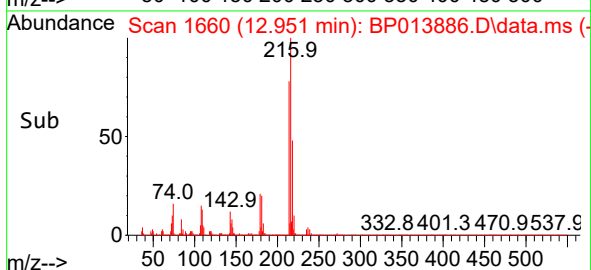
Supervised By :Jagrut Upadhyay 02/27/2023

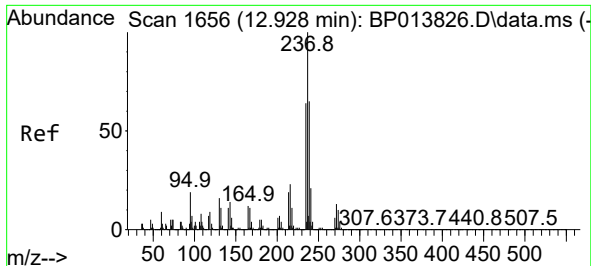


#40  
1,2,4,5-Tetrachlorobenzene  
Concen: 42.395 ng  
RT: 12.951 min Scan# 1660  
Delta R.T. 0.012 min  
Lab File: BP013886.D  
Acq: 24 Feb 2023 15:35



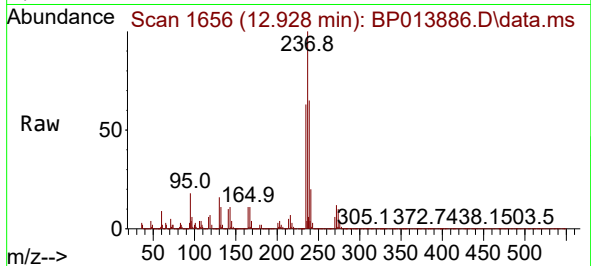
Tgt Ion:216 Resp: 478758  
Ion Ratio Lower Upper  
216 100  
214 78.0 63.0 94.4  
179 20.5 16.0 24.0  
108 19.3 13.8 20.8





#41  
Hexachlorocyclopentadiene  
Concen: 102.946 ng  
RT: 12.928 min Scan# 11  
Delta R.T. 0.006 min  
Lab File: BP013886.D  
Acq: 24 Feb 2023 15:35

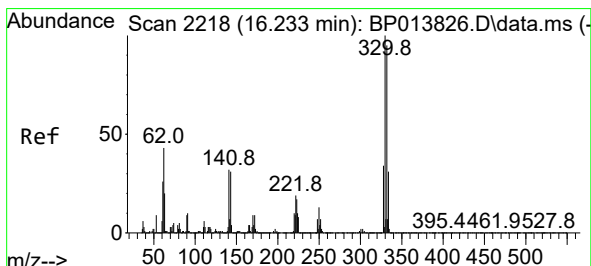
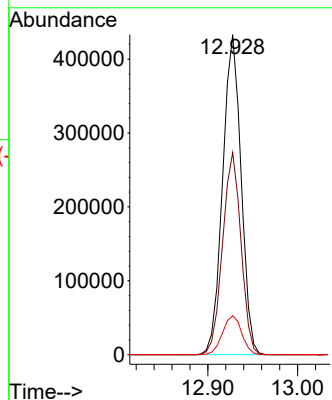
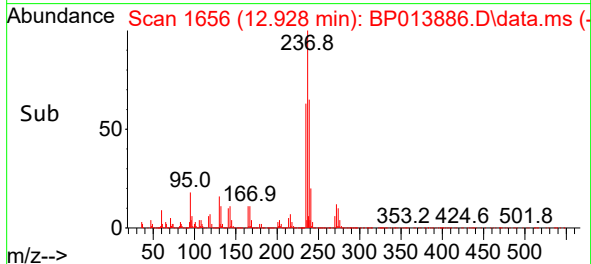
Instrument :  
BNA\_P  
ClientSampleId :  
PB151066BS



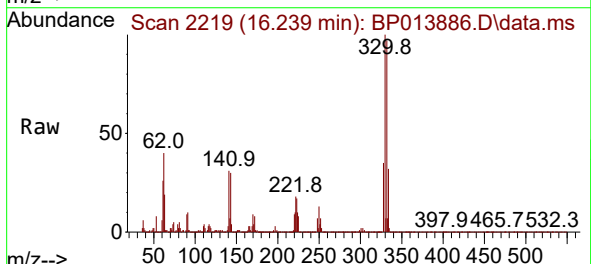
Tgt Ion: 237 Resp: 61750  
Ion Ratio Lower Upper  
237 100  
235 63.2 44.3 84.3  
272 12.2 0.0 32.8

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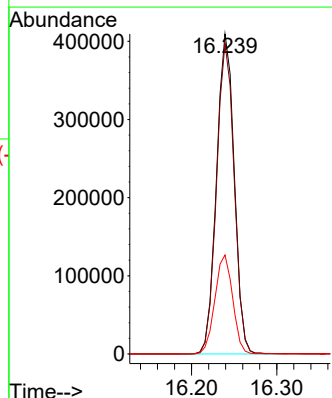
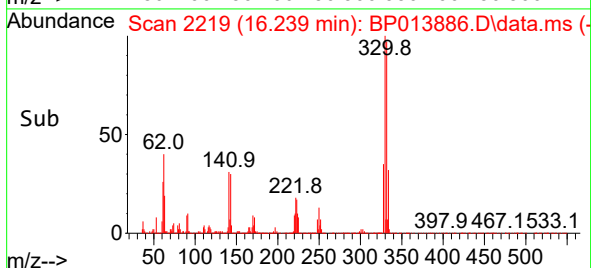
Reviewed By :Yogesh Patel 02/27/2023  
Supervised By :Jagrut Upadhyay 02/27/2023

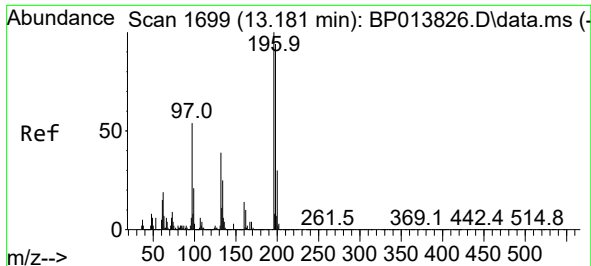


#42  
2,4,6-Tribromophenol  
Concen: 129.828 ng  
RT: 16.239 min Scan# 2219  
Delta R.T. 0.006 min  
Lab File: BP013886.D  
Acq: 24 Feb 2023 15:35



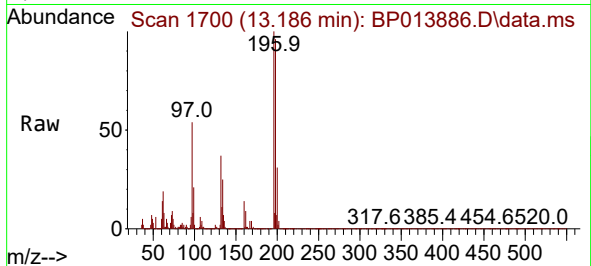
Tgt Ion: 330 Resp: 591769  
Ion Ratio Lower Upper  
330 100  
332 96.5 76.7 115.1  
141 31.1 25.1 37.7





#43  
2,4,6-Trichlorophenol  
Concen: 43.027 ng  
RT: 13.186 min Scan# 1711  
Delta R.T. 0.006 min  
Lab File: BP013886.D  
Acq: 24 Feb 2023 15:35

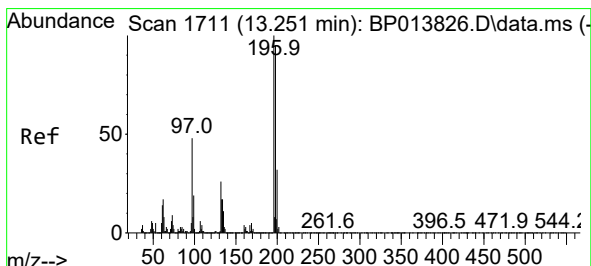
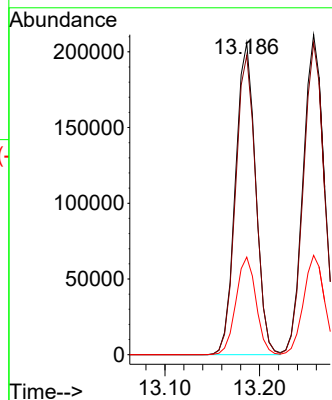
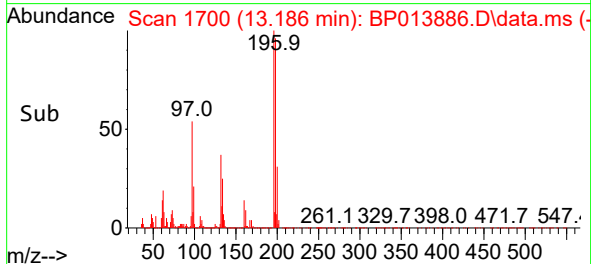
Instrument :  
BNA\_P  
ClientSampleId :  
PB151066BS



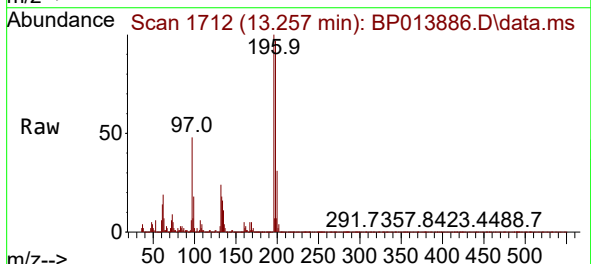
Tgt Ion:196 Resp: 30395  
Ion Ratio Lower Upper  
196 100  
198 96.0 75.5 113.3  
200 31.3 24.1 36.1

Manual Integrations  
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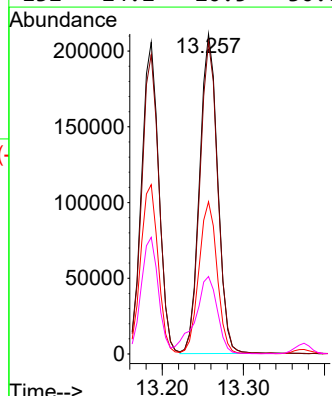
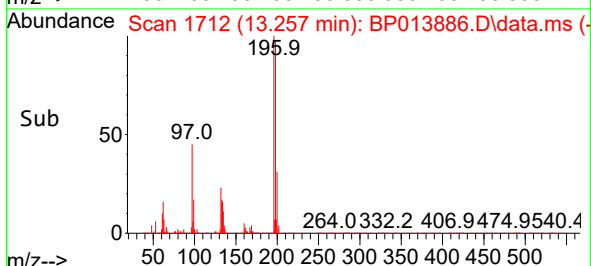
Reviewed By :Yogesh Patel 02/27/2023  
Supervised By :Jagrut Upadhyay 02/27/2023

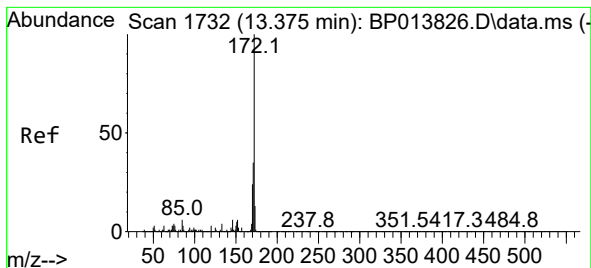


#44  
2,4,5-Trichlorophenol  
Concen: 38.900 ng  
RT: 13.257 min Scan# 1712  
Delta R.T. 0.006 min  
Lab File: BP013886.D  
Acq: 24 Feb 2023 15:35



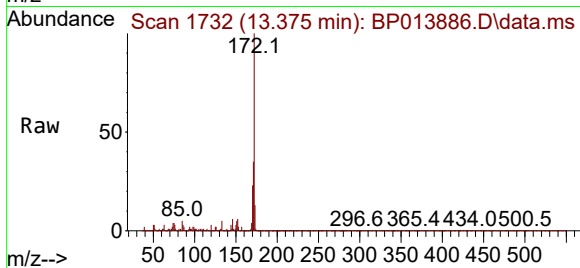
Tgt Ion:196 Resp: 326610  
Ion Ratio Lower Upper  
196 100  
198 97.5 76.1 114.1  
97 47.5 38.8 58.2  
132 24.2 20.5 30.7





#45  
2-Fluorobiphenyl  
Concen: 79.362 ng  
RT: 13.375 min Scan# 1732  
Delta R.T. 0.006 min  
Lab File: BP013886.D  
Acq: 24 Feb 2023 15:35

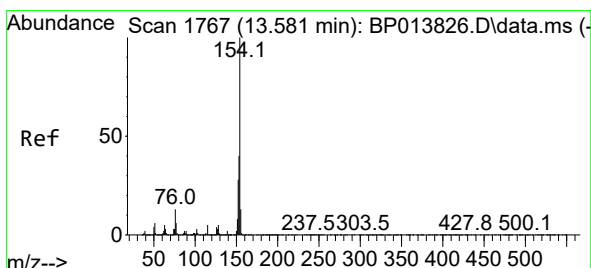
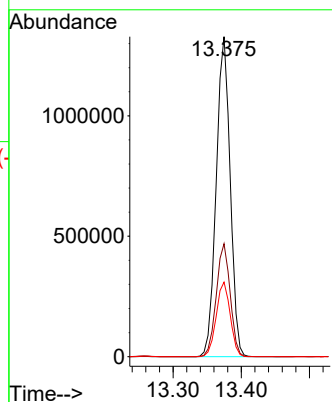
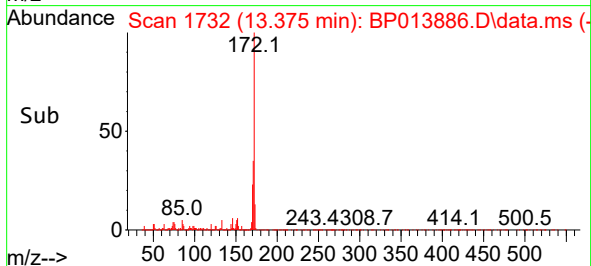
Instrument :  
BNA\_P  
ClientSampleId :  
PB151066BS



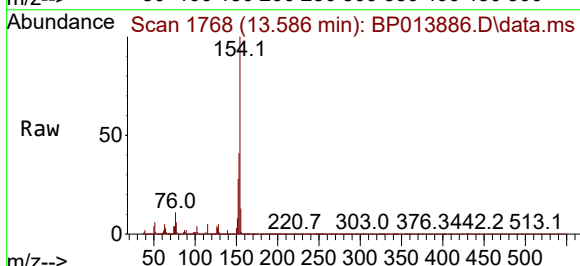
Tgt Ion:172 Resp: 1891959  
Ion Ratio Lower Upper  
172 100  
171 35.3 28.2 42.4  
170 23.3 19.0 28.4

Manual Integrations  
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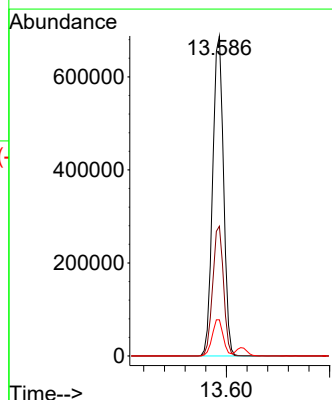
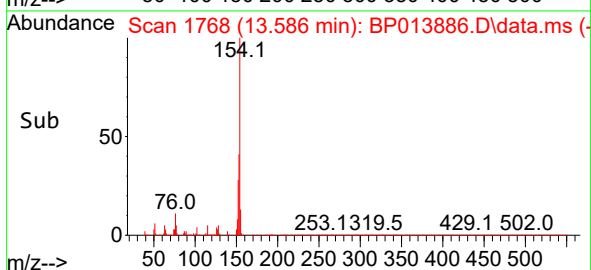
Reviewed By :Yogesh Patel 02/27/2023  
Supervised By :Jagrut Upadhyay 02/27/2023

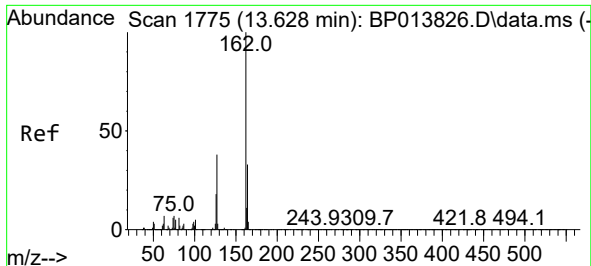


#46  
1,1'-Biphenyl  
Concen: 39.634 ng  
RT: 13.586 min Scan# 1768  
Delta R.T. 0.012 min  
Lab File: BP013886.D  
Acq: 24 Feb 2023 15:35



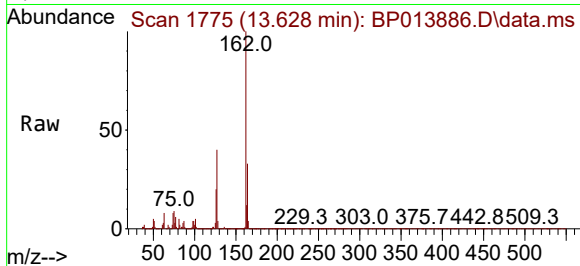
Tgt Ion:154 Resp: 1003084  
Ion Ratio Lower Upper  
154 100  
153 40.6 19.9 59.9  
76 11.3 0.0 32.8





#47  
2-Chloronaphthalene  
Concen: 40.698 ng  
RT: 13.628 min Scan# 11  
Delta R.T. 0.006 min  
Lab File: BP013886.D  
Acq: 24 Feb 2023 15:35

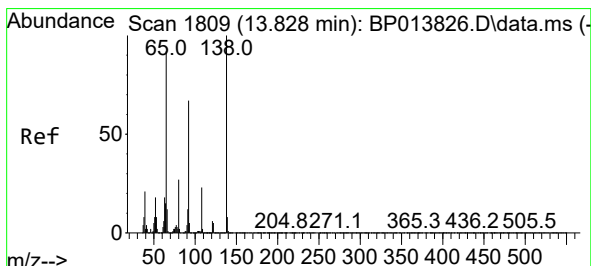
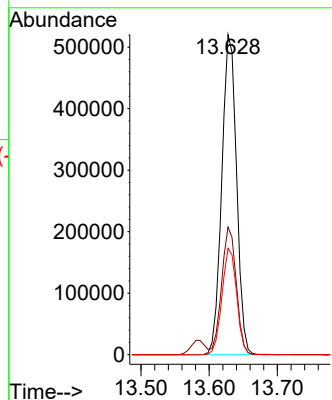
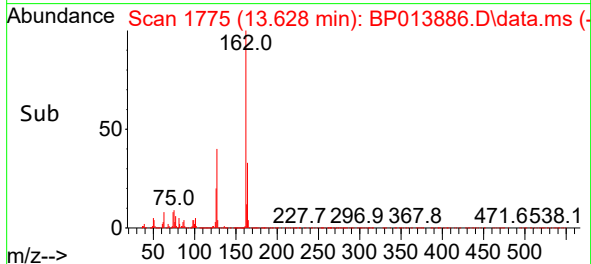
Instrument :  
BNA\_P  
ClientSampleId :  
PB151066BS



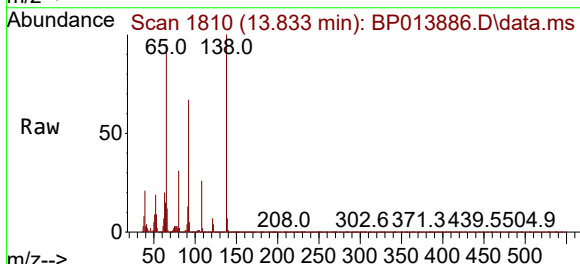
Tgt Ion:162 Resp: 78472  
Ion Ratio Lower Upper  
162 100  
127 39.9 30.8 46.2  
164 33.3 26.3 39.5

Manual Integrations  
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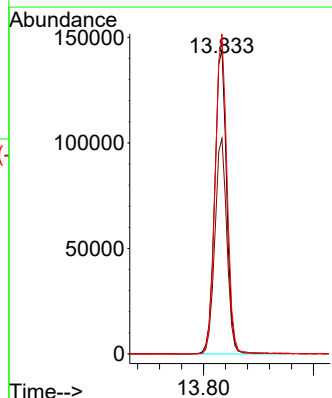
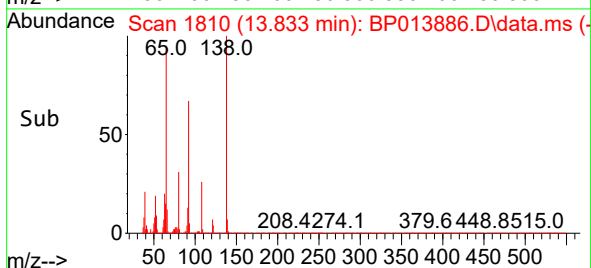
Reviewed By :Yogesh Patel 02/27/2023  
Supervised By :Jagrut Upadhyay 02/27/2023

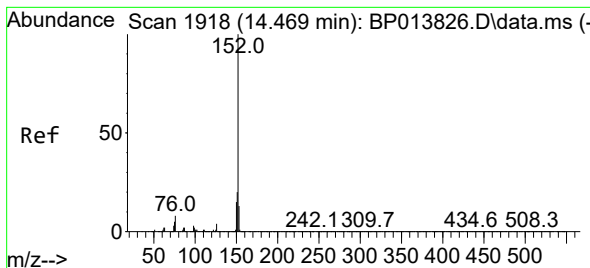


#48  
2-Nitroaniline  
Concen: 40.398 ng  
RT: 13.833 min Scan# 1810  
Delta R.T. 0.012 min  
Lab File: BP013886.D  
Acq: 24 Feb 2023 15:35



Tgt Ion: 65 Resp: 218233  
Ion Ratio Lower Upper  
65 100  
92 70.9 58.7 88.1  
138 105.2 87.3 130.9





#49

Acenaphthylene

Concen: 38.995 ng

RT: 14.475 min Scan# 1918

Delta R.T. 0.006 min

Lab File: BP013886.D

Acq: 24 Feb 2023 15:35

Instrument :

BNA\_P

ClientSampleId :

PB151066BS

Tgt Ion:152 Resp: 1185210

Ion Ratio Lower Upper

152 100

151 20.2 15.8 23.8

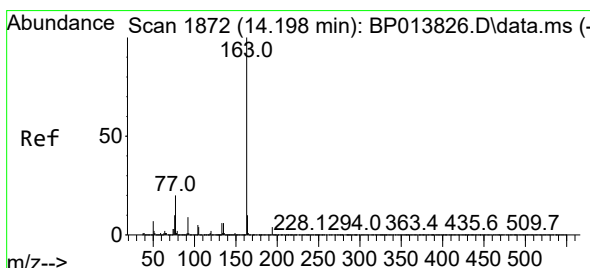
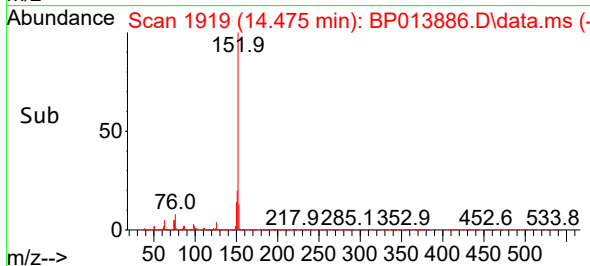
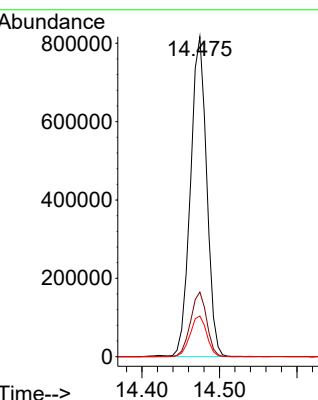
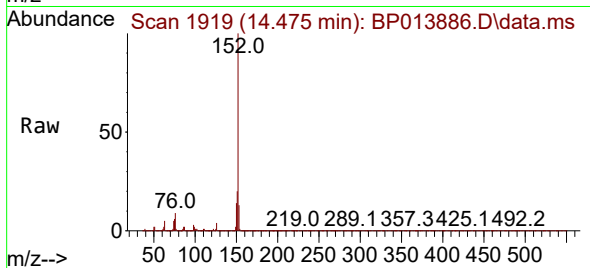
153 12.7 10.7 16.1

Manual Integrations

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Reviewed By :Yogesh Patel 02/27/2023

Supervised By :Jagrut Upadhyay 02/27/2023



#50

Dimethylphthalate

Concen: 38.296 ng

RT: 14.198 min Scan# 1872

Delta R.T. 0.006 min

Lab File: BP013886.D

Acq: 24 Feb 2023 15:35

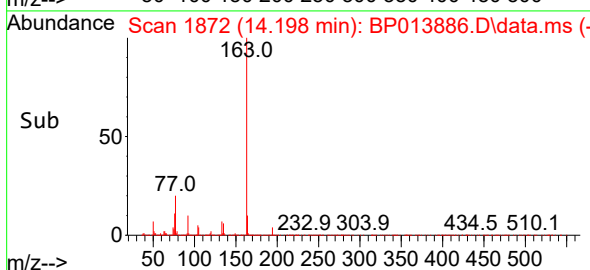
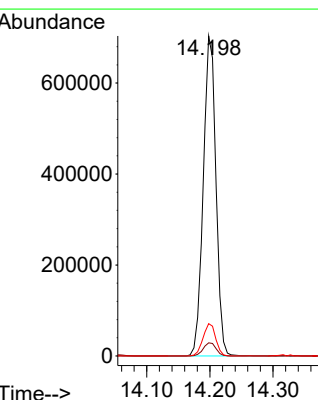
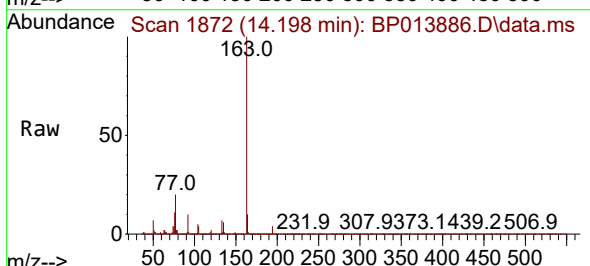
Tgt Ion:163 Resp: 975796

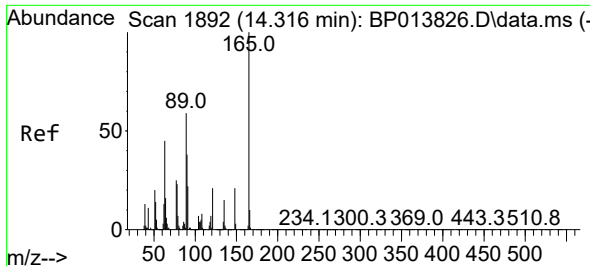
Ion Ratio Lower Upper

163 100

194 4.1 3.4 5.2

164 10.1 8.0 12.0





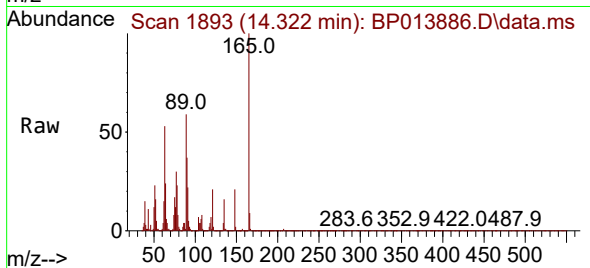
#51  
2,6-Dinitrotoluene  
Concen: 38.281 ng  
RT: 14.322 min Scan# 1892  
Delta R.T. 0.006 min  
Lab File: BP013886.D  
Acq: 24 Feb 2023 15:35

Instrument :

BNA\_P

ClientSampleId :

PB151066BS



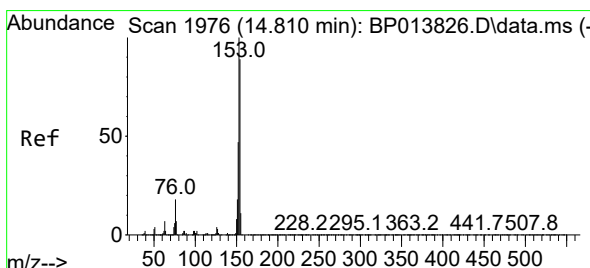
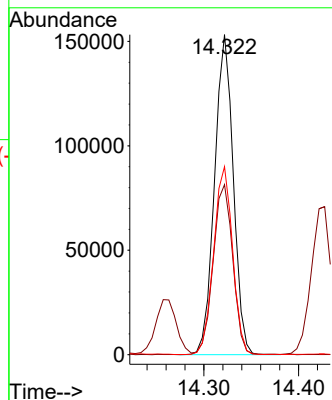
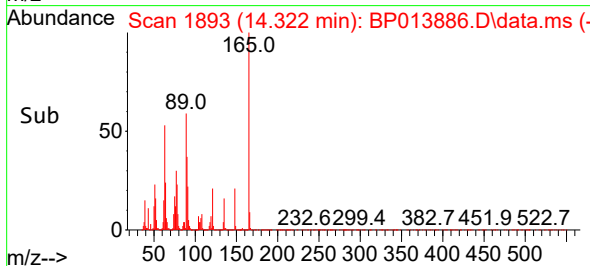
Tgt Ion:165 Resp: 21091  
Ion Ratio Lower Upper  
165 100  
63 53.2 42.6 63.8  
89 58.7 47.1 70.7

Manual Integrations

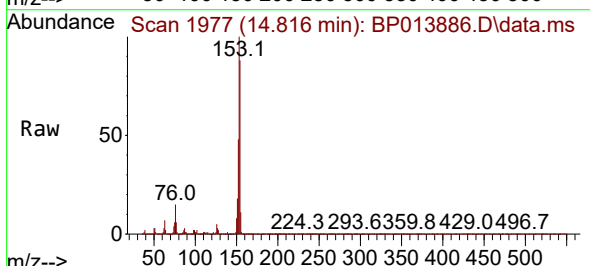
APPROVED

Reviewed By :Yogesh Patel 02/27/2023

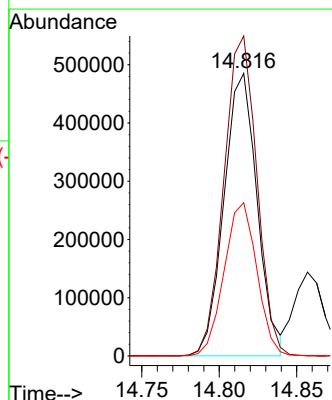
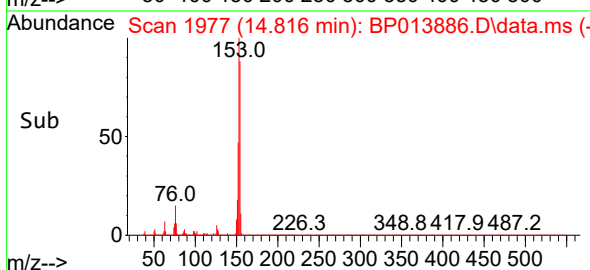
Supervised By :Jagrut Upadhyay 02/27/2023

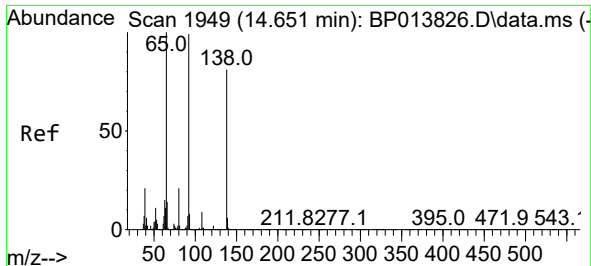


#52  
Acenaphthene  
Concen: 39.084 ng  
RT: 14.816 min Scan# 1977  
Delta R.T. 0.012 min  
Lab File: BP013886.D  
Acq: 24 Feb 2023 15:35



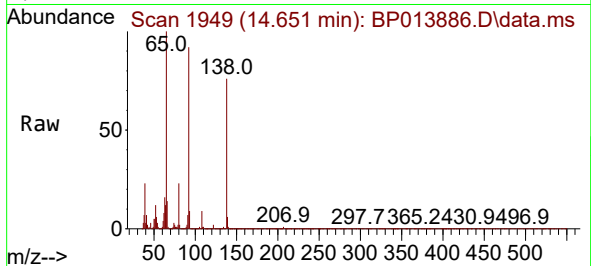
Tgt Ion:154 Resp: 722867  
Ion Ratio Lower Upper  
154 100  
153 113.2 90.4 135.6  
152 54.2 42.6 64.0





#53  
3-Nitroaniline  
Concen: 27.040 ng  
RT: 14.651 min Scan# 1949  
Delta R.T. 0.006 min  
Lab File: BP013886.D  
Acq: 24 Feb 2023 15:35

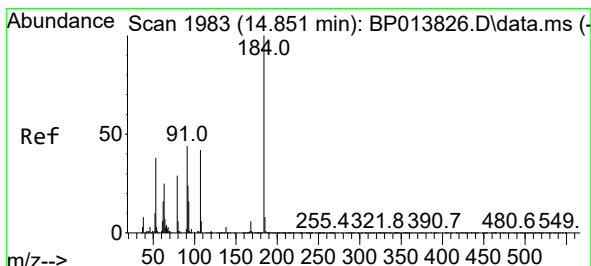
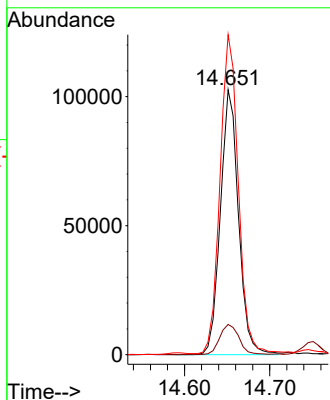
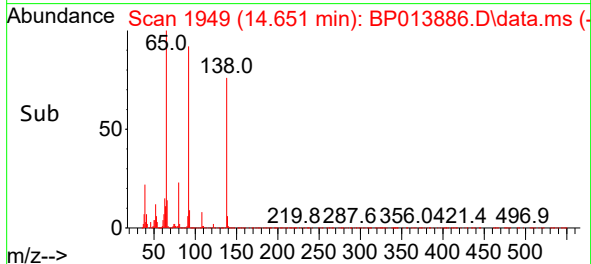
Instrument :  
BNA\_P  
ClientSampleId :  
PB151066BS



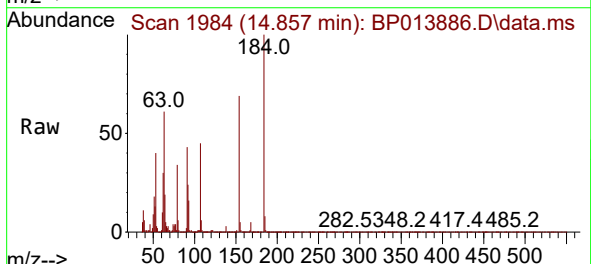
Tgt Ion:138 Resp: 151440  
Ion Ratio Lower Upper  
138 100  
108 11.4 9.0 13.4  
92 120.7 97.1 145.7

Manual Integrations  
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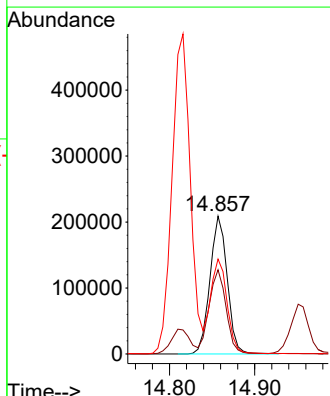
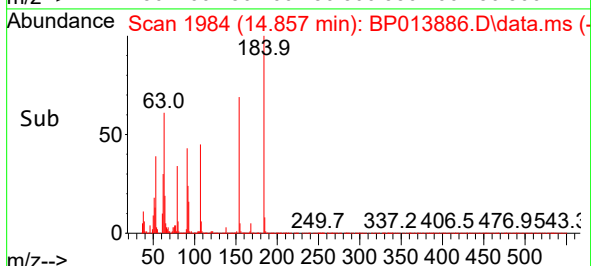
Reviewed By :Yogesh Patel 02/27/2023  
Supervised By :Jagrut Upadhyay 02/27/2023

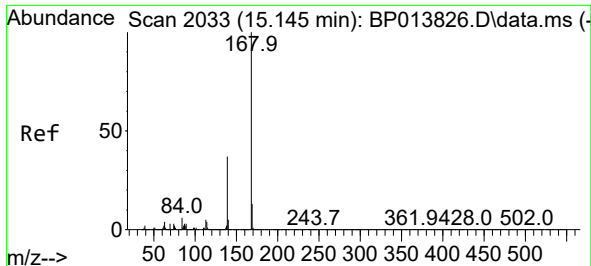


#54  
2,4-Dinitrophenol  
Concen: 80.296 ng  
RT: 14.857 min Scan# 1984  
Delta R.T. 0.012 min  
Lab File: BP013886.D  
Acq: 24 Feb 2023 15:35



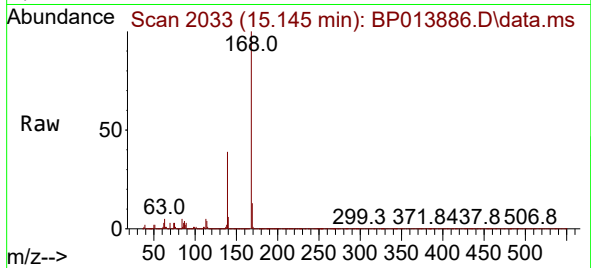
Tgt Ion:184 Resp: 294164  
Ion Ratio Lower Upper  
184 100  
63 61.1 47.0 70.4  
154 68.9 51.5 77.3





#55  
Dibenzenofuran  
Concen: 38.099 ng  
RT: 15.145 min Scan# 2033  
Delta R.T. 0.006 min  
Lab File: BP013886.D  
Acq: 24 Feb 2023 15:35

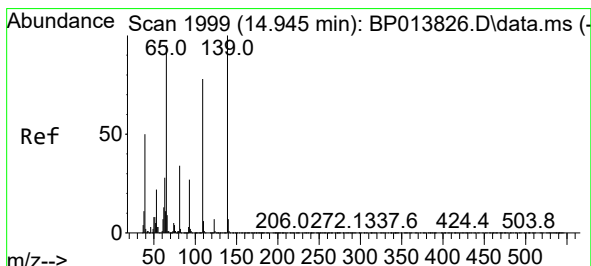
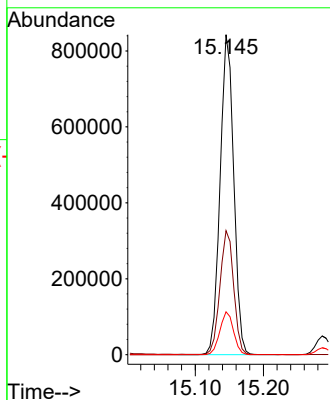
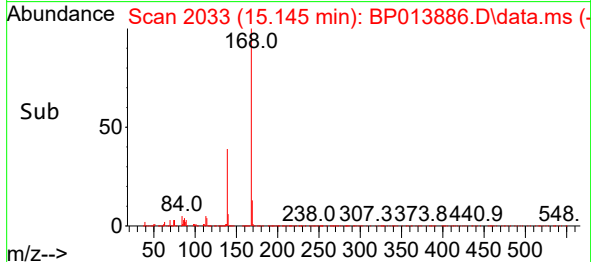
Instrument :  
BNA\_P  
ClientSampleId :  
PB151066BS



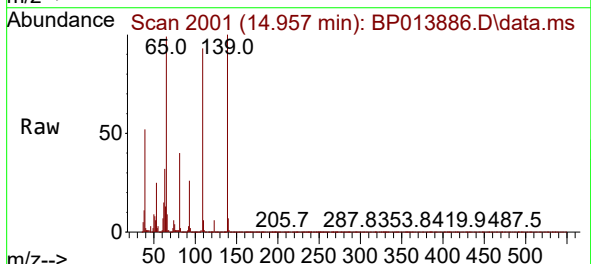
Tgt Ion:168 Resp: 1172479  
Ion Ratio Lower Upper  
168 100  
139 38.8 29.8 44.8  
169 13.4 10.8 16.2

Manual Integrations  
APPROVED

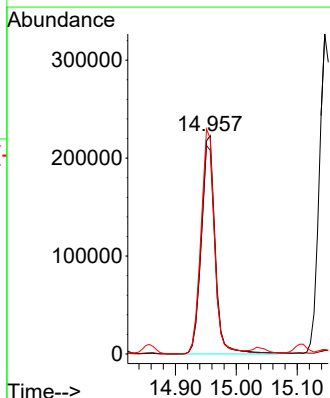
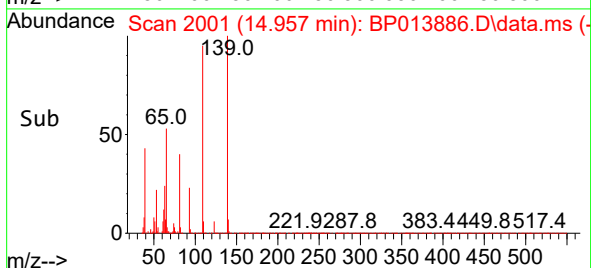
Reviewed By :Yogesh Patel 02/27/2023  
Supervised By :Jagrut Upadhyay 02/27/2023

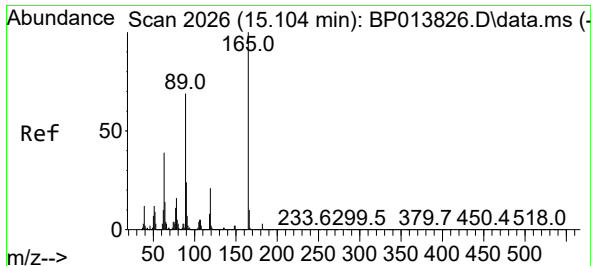


#56  
4-Nitrophenol  
Concen: 77.195 ng  
RT: 14.957 min Scan# 2001  
Delta R.T. 0.012 min  
Lab File: BP013886.D  
Acq: 24 Feb 2023 15:35



Tgt Ion:139 Resp: 351589  
Ion Ratio Lower Upper  
139 100  
109 93.4 58.2 98.2  
65 98.7 74.9 114.9





#57  
2,4-Dinitrotoluene  
Concen: 38.704 ng  
RT: 15.110 min Scan# 2026  
Delta R.T. 0.012 min  
Lab File: BP013886.D  
Acq: 24 Feb 2023 15:35

Instrument :

BNA\_P

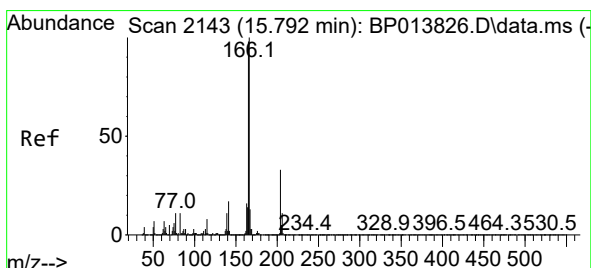
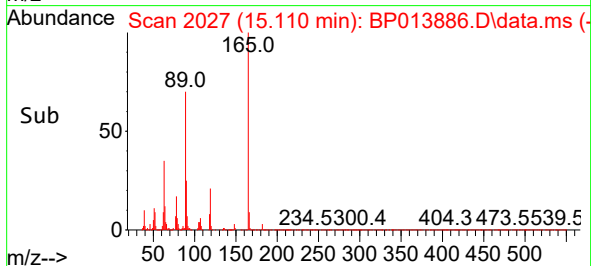
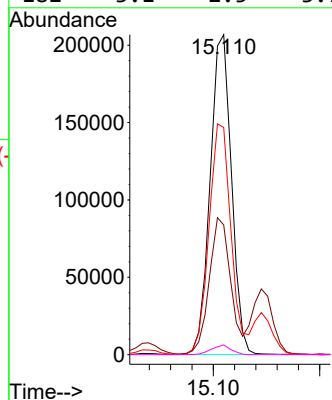
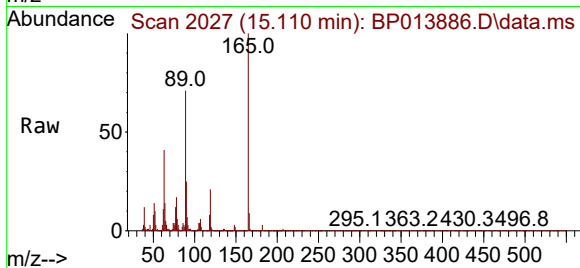
ClientSampleId :

PB151066BS

Tgt Ion:165 Resp: 286669  
Ion Ratio Lower Upper  
165 100  
63 40.5 31.1 46.7  
89 71.0 54.9 82.3  
182 3.1 2.5 3.7

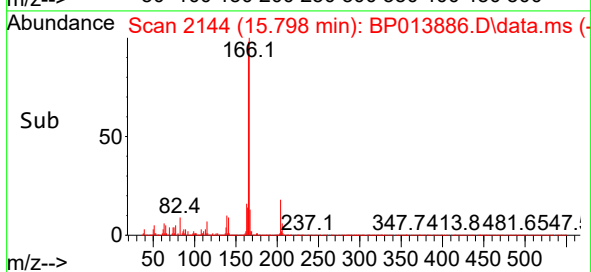
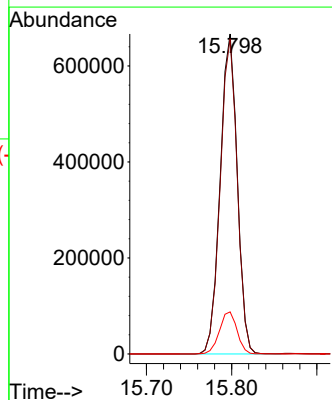
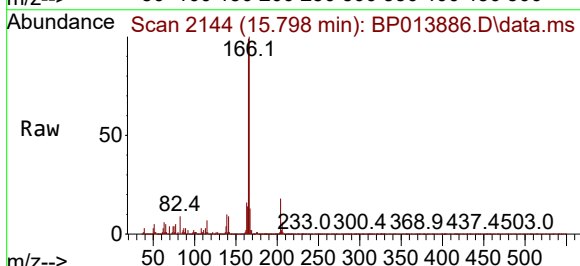
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APPROVED

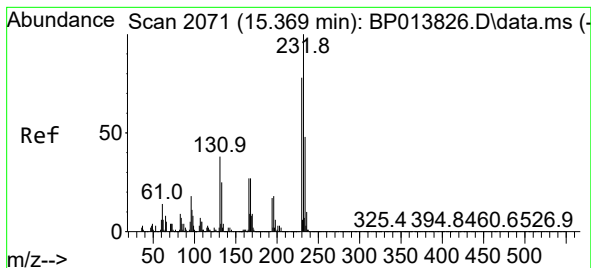
Reviewed By :Yogesh Patel 02/27/2023  
Supervised By :Jagrut Upadhyay 02/27/2023



#58  
Fluorene  
Concen: 38.471 ng  
RT: 15.798 min Scan# 2144  
Delta R.T. 0.012 min  
Lab File: BP013886.D  
Acq: 24 Feb 2023 15:35

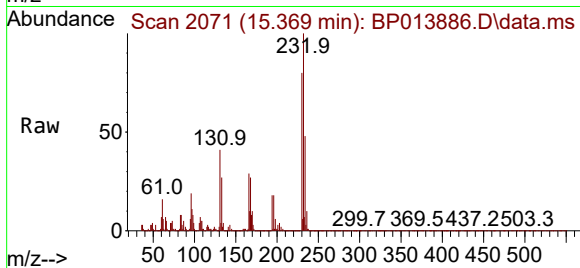
Tgt Ion:166 Resp: 928308  
Ion Ratio Lower Upper  
166 100  
165 98.5 78.1 117.1  
167 13.2 10.7 16.1





#59  
2,3,4,6-Tetrachlorophenol  
Concen: 40.410 ng  
RT: 15.369 min Scan# 2071  
Delta R.T. 0.006 min  
Lab File: BP013886.D  
Acq: 24 Feb 2023 15:35

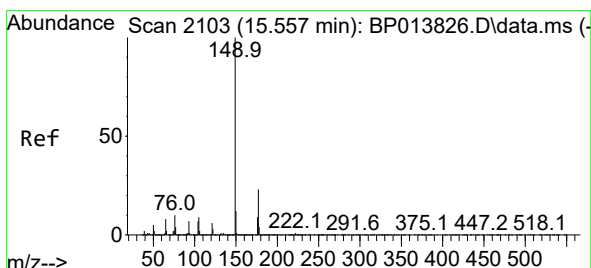
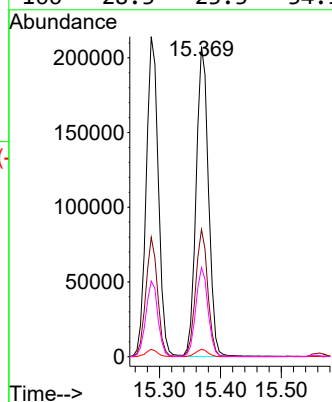
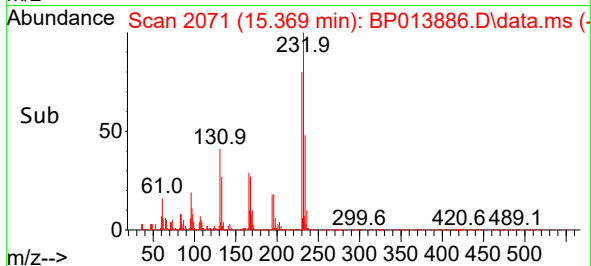
Instrument :  
BNA\_P  
ClientSampleId :  
PB151066BS



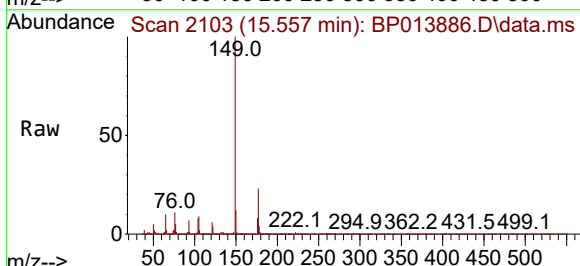
Tgt Ion:232 Resp: 292080  
Ion Ratio Lower Upper  
232 100  
131 40.3 31.7 47.5  
130 2.4 1.7 2.5  
166 28.3 23.3 34.9

Manual Integrations  
APPROVED

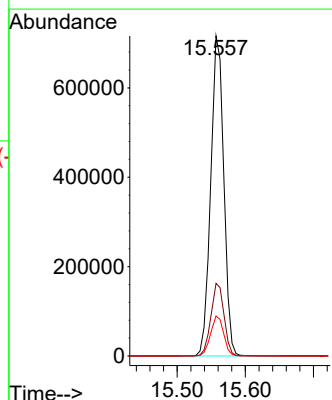
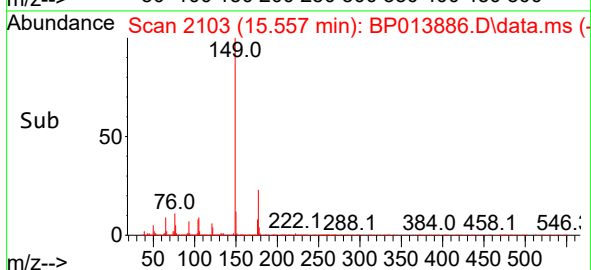
Reviewed By :Yogesh Patel 02/27/2023  
Supervised By :Jagrut Upadhyay 02/27/2023

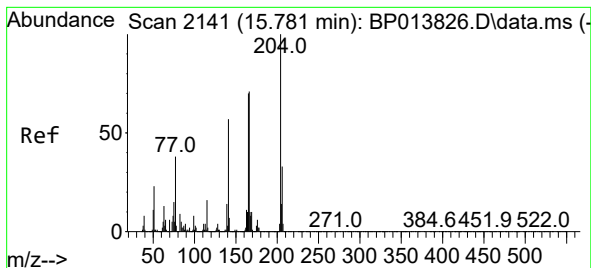


#60  
Diethylphthalate  
Concen: 38.533 ng  
RT: 15.557 min Scan# 2103  
Delta R.T. 0.006 min  
Lab File: BP013886.D  
Acq: 24 Feb 2023 15:35



Tgt Ion:149 Resp: 957407  
Ion Ratio Lower Upper  
149 100  
177 22.7 18.4 27.6  
150 12.5 9.8 14.8





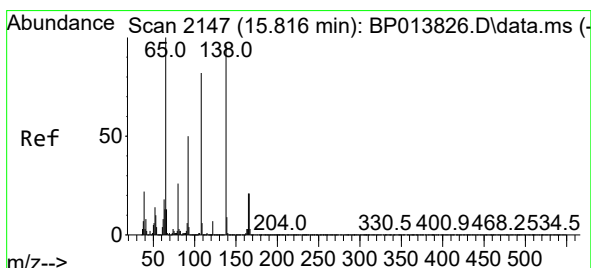
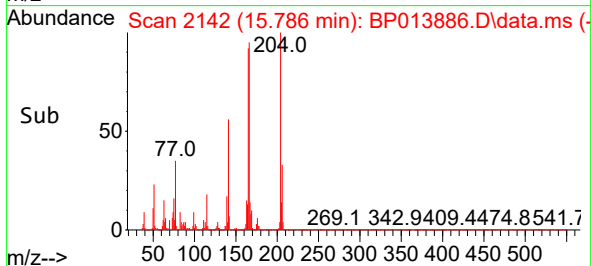
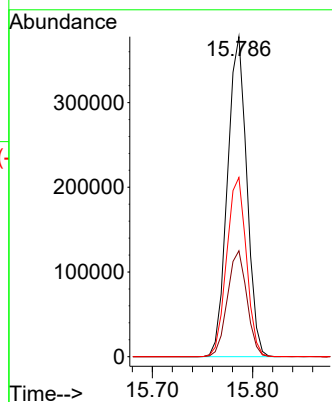
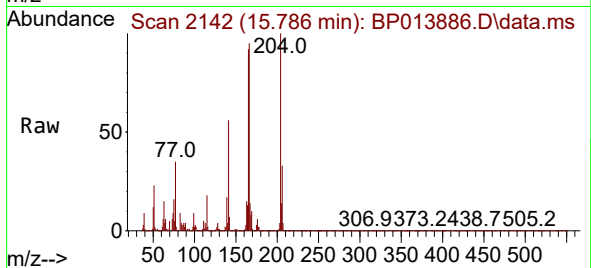
#61  
4-Chlorophenyl-phenylether  
Concen: 38.688 ng  
RT: 15.786 min Scan# 2141  
Delta R.T. 0.012 min  
Lab File: BP013886.D  
Acq: 24 Feb 2023 15:35

Instrument :  
BNA\_P  
ClientSampleId :  
PB151066BS

Tgt Ion:204 Resp: 50581  
Ion Ratio Lower Upper  
204 100  
206 33.1 26.2 39.2  
141 56.0 45.3 67.9

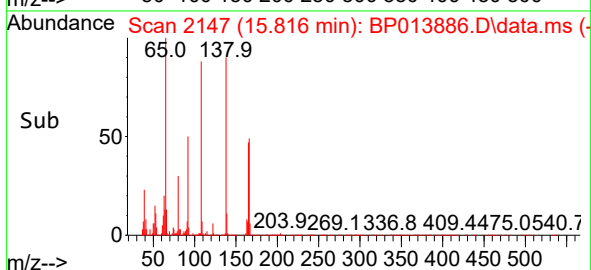
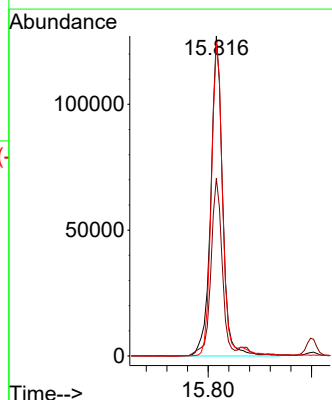
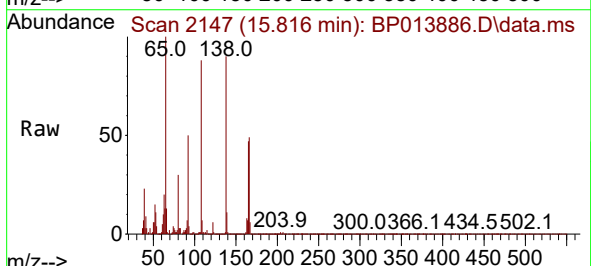
Manual Integrations  
APPROVED

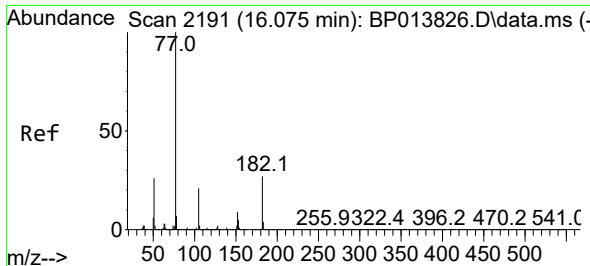
Reviewed By :Yogesh Patel 02/27/2023  
Supervised By :Jagrut Upadhyay 02/27/2023



#62  
4-Nitroaniline  
Concen: 34.693 ng  
RT: 15.816 min Scan# 2147  
Delta R.T. 0.006 min  
Lab File: BP013886.D  
Acq: 24 Feb 2023 15:35

Tgt Ion:138 Resp: 202441  
Ion Ratio Lower Upper  
138 100  
92 55.5 32.0 72.0  
108 97.9 65.6 105.6





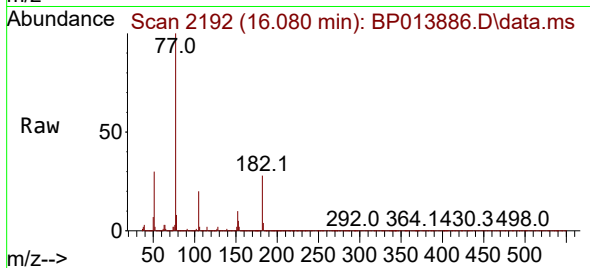
#63  
Azobenzene  
Concen: 38.386 ng  
RT: 16.080 min Scan# 2191  
Delta R.T. 0.012 min  
Lab File: BP013886.D  
Acq: 24 Feb 2023 15:35

Instrument :

BNA\_P

ClientSampleId :

PB151066BS



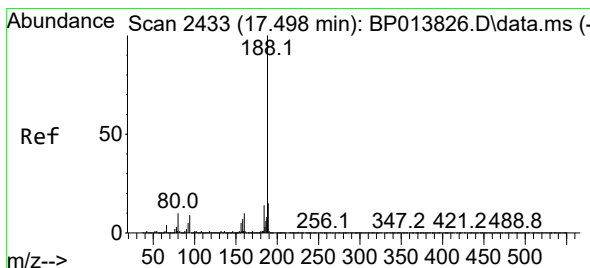
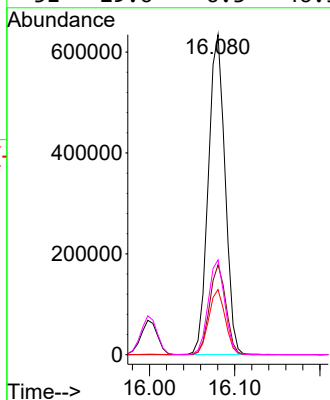
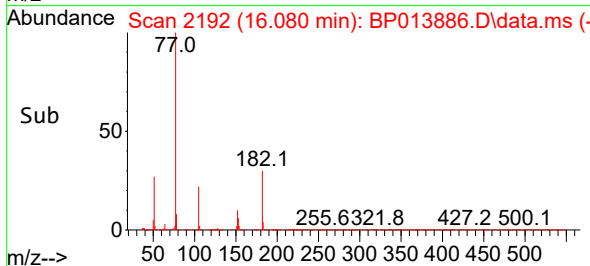
Tgt Ion: 77 Resp: 862889  
Ion Ratio Lower Upper  
77 100  
182 28.1 6.9 46.9  
105 20.3 1.1 41.1  
51 29.6 6.3 46.3

Manual Integrations

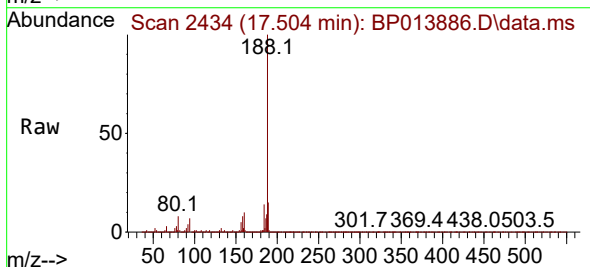
APPROVED

Reviewed By :Yogesh Patel 02/27/2023

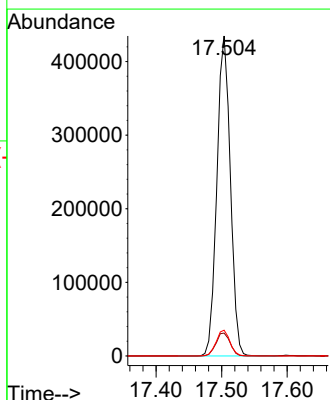
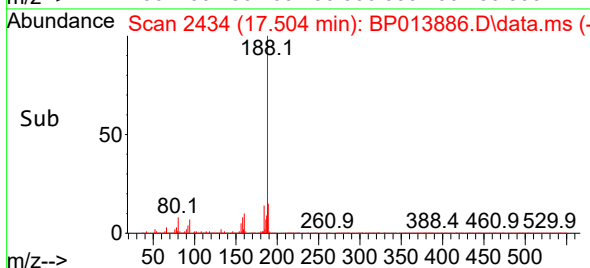
Supervised By :Jagrut Upadhyay 02/27/2023

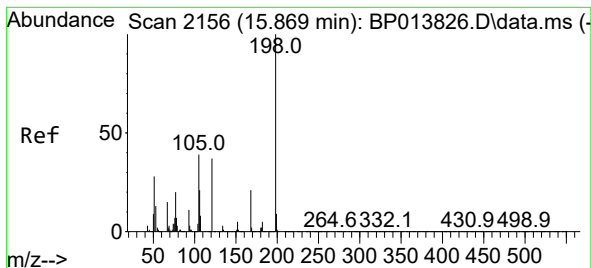


#64  
Phenanthrene-d10  
Concen: 20.000 ng  
RT: 17.504 min Scan# 2434  
Delta R.T. 0.012 min  
Lab File: BP013886.D  
Acq: 24 Feb 2023 15:35



Tgt Ion:188 Resp: 617151  
Ion Ratio Lower Upper  
188 100  
94 7.2 7.0 10.6  
80 8.1 7.8 11.8





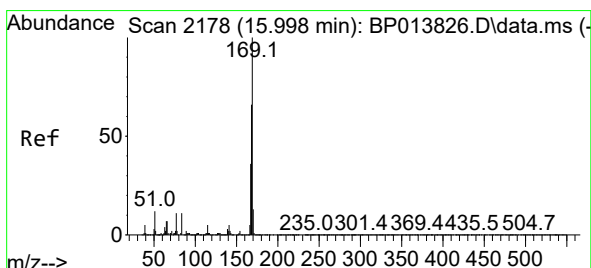
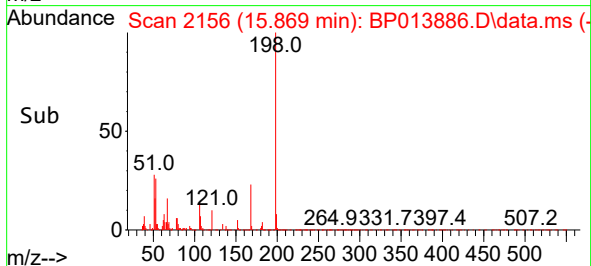
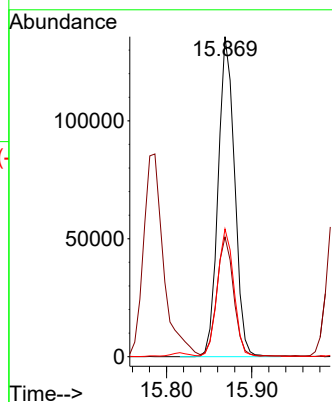
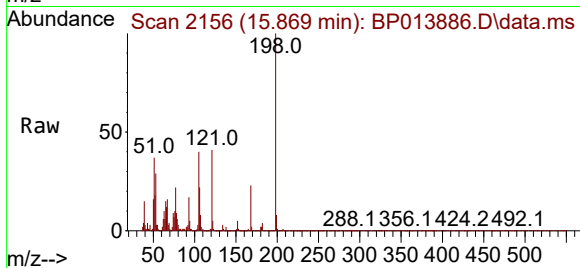
#65  
4,6-Dinitro-2-methylphenol  
Concen: 42.379 ng  
RT: 15.869 min Scan# 2156  
Delta R.T. 0.006 min  
Lab File: BP013886.D  
Acq: 24 Feb 2023 15:35

Instrument :  
BNA\_P  
ClientSampleId :  
PB151066BS

Tgt Ion:198 Resp: 18184  
Ion Ratio Lower Upper  
198 100  
51 37.4 14.3 54.3  
105 39.9 20.5 60.5

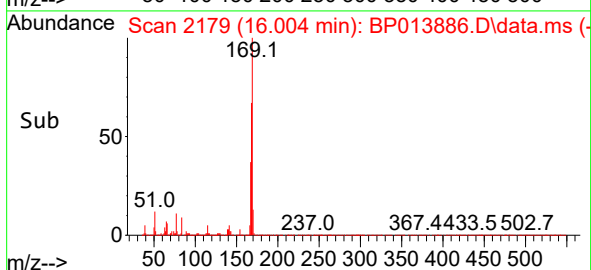
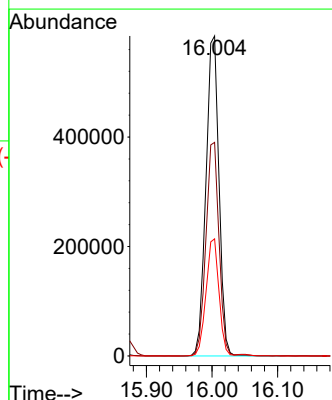
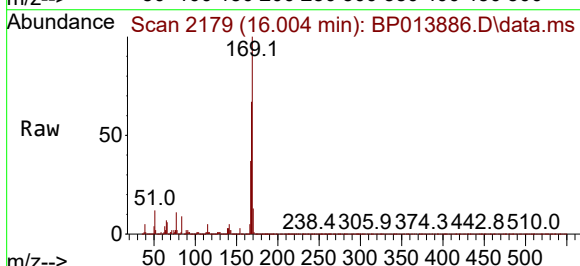
Manual Integrations  
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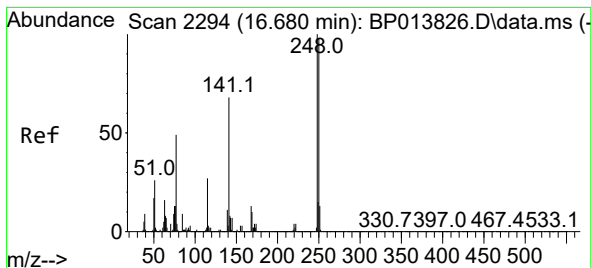
Reviewed By :Yogesh Patel 02/27/2023  
Supervised By :Jagrut Upadhyay 02/27/2023



#66  
n-Nitrosodiphenylamine  
Concen: 43.341 ng  
RT: 16.004 min Scan# 2179  
Delta R.T. 0.012 min  
Lab File: BP013886.D  
Acq: 24 Feb 2023 15:35

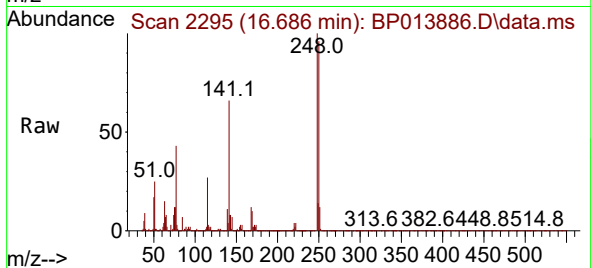
Tgt Ion:169 Resp: 810189  
Ion Ratio Lower Upper  
169 100  
168 66.7 53.0 79.6  
167 36.6 29.0 43.4





#67  
4-Bromophenyl-phenylether  
Concen: 45.418 ng  
RT: 16.686 min Scan# 2115  
Delta R.T. 0.012 min  
Lab File: BP013886.D  
Acq: 24 Feb 2023 15:35

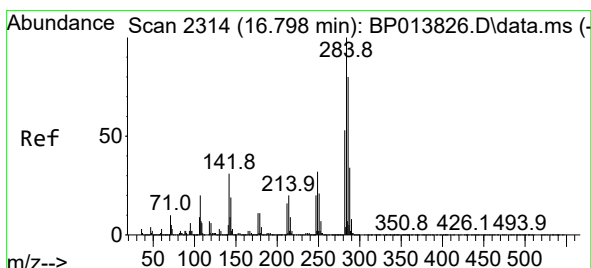
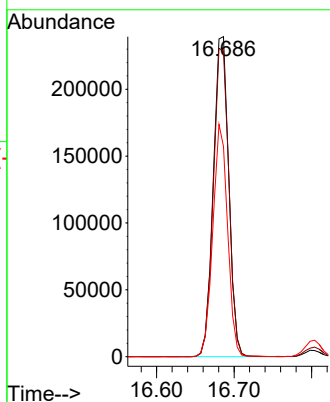
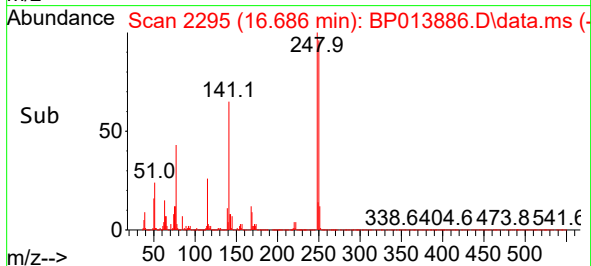
Instrument :  
BNA\_P  
ClientSampleId :  
PB151066BS



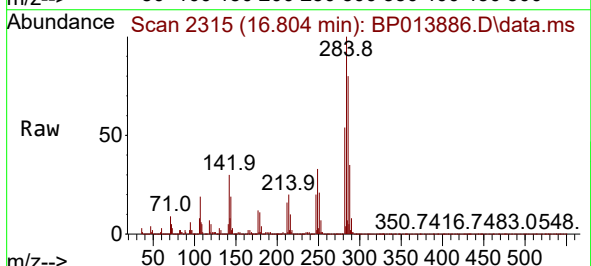
Tgt Ion:248 Resp: 330840  
Ion Ratio Lower Upper  
248 100  
250 95.6 78.1 117.1  
141 65.7 54.3 81.5

Manual Integrations  
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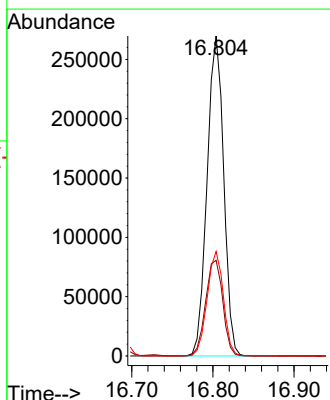
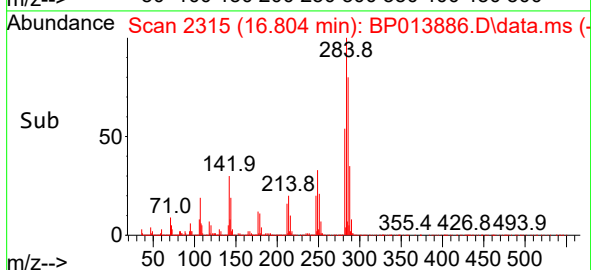
Reviewed By :Yogesh Patel 02/27/2023  
Supervised By :Jagrut Upadhyay 02/27/2023

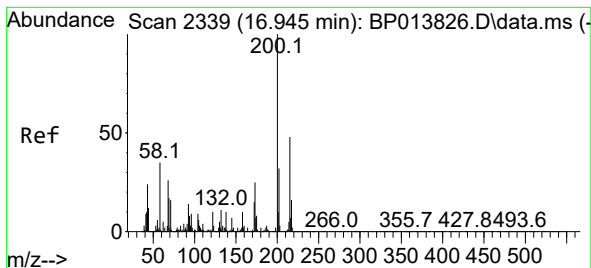


#68  
Hexachlorobenzene  
Concen: 48.109 ng  
RT: 16.804 min Scan# 2315  
Delta R.T. 0.006 min  
Lab File: BP013886.D  
Acq: 24 Feb 2023 15:35



Tgt Ion:284 Resp: 382539  
Ion Ratio Lower Upper  
284 100  
142 29.9 24.8 37.2  
249 32.7 25.8 38.6





#69

Atrazine

Concen: 2.129 ng

RT: 16.945 min Scan# 21

Delta R.T. -0.000 min

Lab File: BP013886.D

Acq: 24 Feb 2023 15:35

Instrument :

BNA\_P

ClientSampleId :

PB151066BS

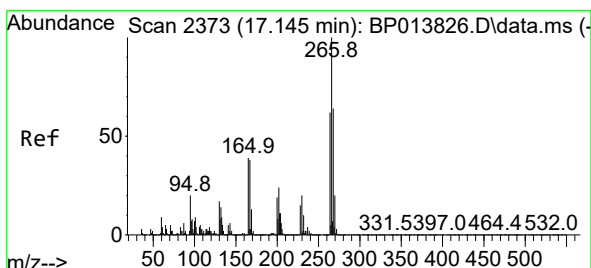
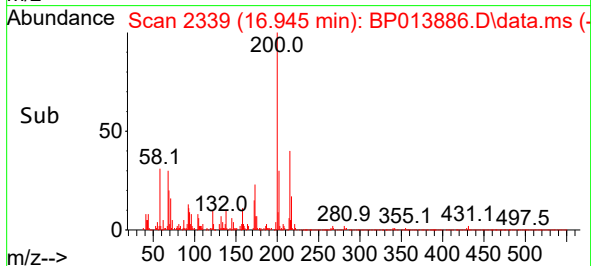
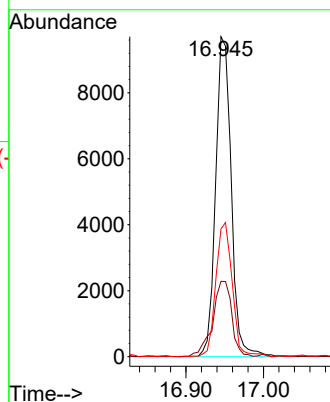
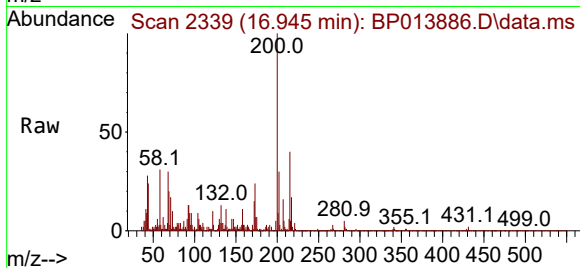
|           |       |       |      |
|-----------|-------|-------|------|
| Tgt Ion:  | 200   | Resp: | 1356 |
| Ion Ratio | Lower | Upper |      |
| 200       | 100   |       |      |
| 173       | 23.6  | 5.2   | 45.2 |
| 215       | 39.9  | 28.4  | 68.4 |

Manual Integrations

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Reviewed By :Yogesh Patel 02/27/2023

Supervised By :Jagrut Upadhyay 02/27/2023



#70

Pentachlorophenol

Concen: 80.161 ng

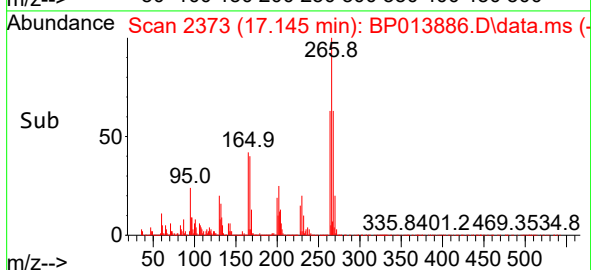
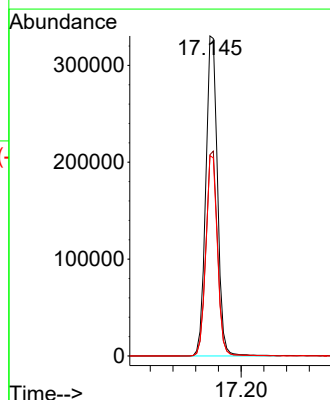
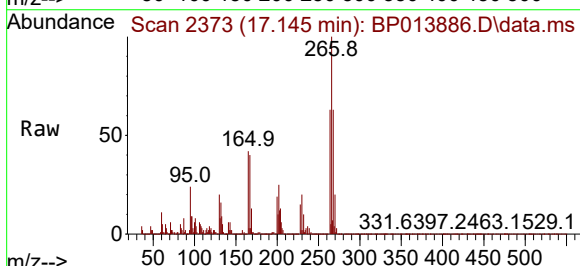
RT: 17.145 min Scan# 2373

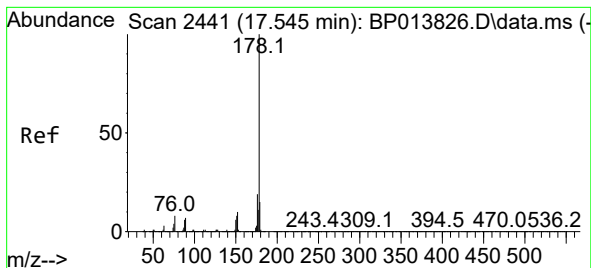
Delta R.T. 0.006 min

Lab File: BP013886.D

Acq: 24 Feb 2023 15:35

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 266   | Resp: | 469936 |
| Ion Ratio | Lower | Upper |        |
| 266       | 100   |       |        |
| 268       | 62.9  | 50.9  | 76.3   |
| 264       | 62.6  | 49.4  | 74.0   |





#71

Phenanthrene

Concen: 40.358 ng

RT: 17.545 min Scan# 2441

Delta R.T. 0.006 min

Lab File: BP013886.D

Acq: 24 Feb 2023 15:35

Instrument :

BNA\_P

ClientSampleId :

PB151066BS

Tgt Ion:178 Resp: 1395328

Ion Ratio Lower Upper

178 100

176 19.9 15.4 23.0

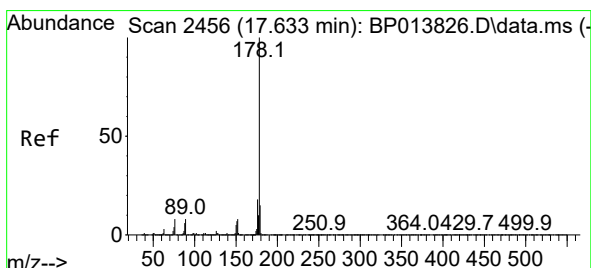
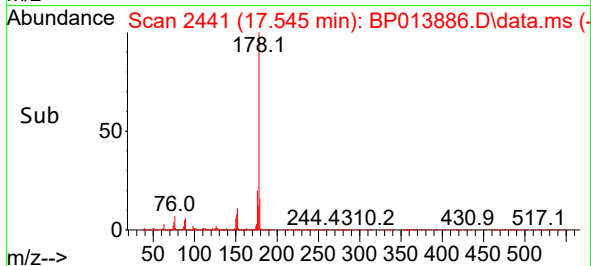
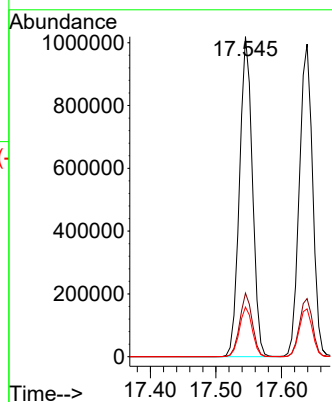
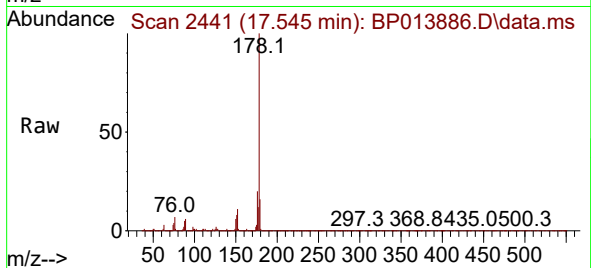
179 15.5 12.2 18.4

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 02/27/2023

Supervised By :Jagrut Upadhyay 02/27/2023



#72

Anthracene

Concen: 40.347 ng

RT: 17.639 min Scan# 2457

Delta R.T. 0.012 min

Lab File: BP013886.D

Acq: 24 Feb 2023 15:35

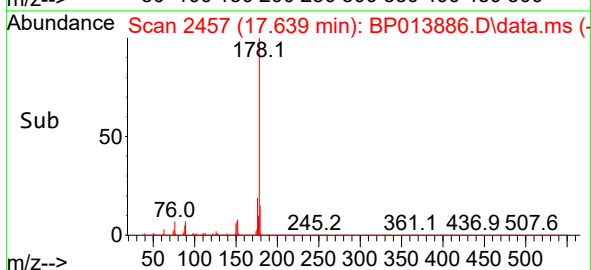
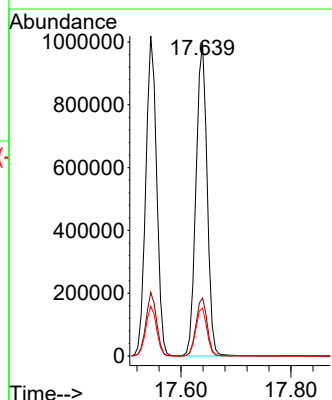
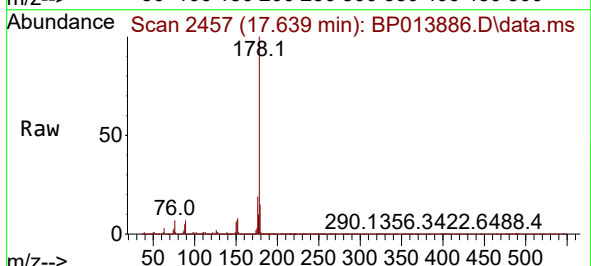
Tgt Ion:178 Resp: 1394806

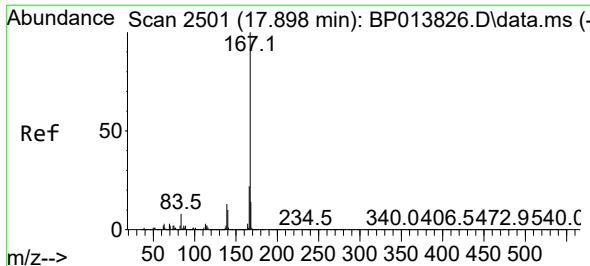
Ion Ratio Lower Upper

178 100

176 18.6 14.7 22.1

179 15.3 12.4 18.6





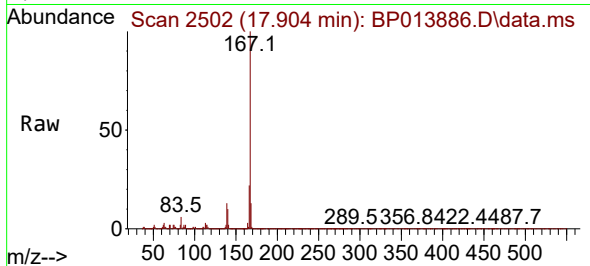
#73  
Carbazole  
Concen: 39.551 ng  
RT: 17.904 min Scan# 2502  
Delta R.T. 0.012 min  
Lab File: BP013886.D  
Acq: 24 Feb 2023 15:35

Instrument :

BNA\_P

ClientSampleId :

PB151066BS



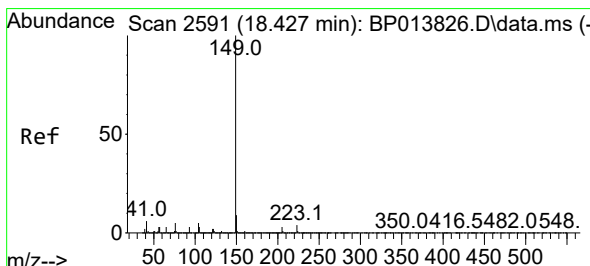
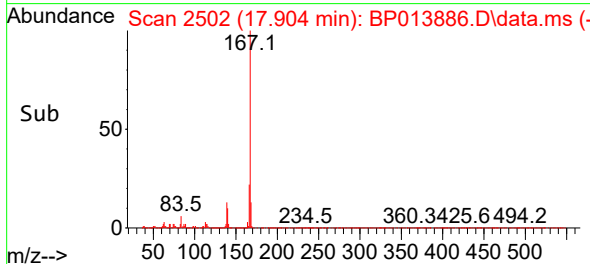
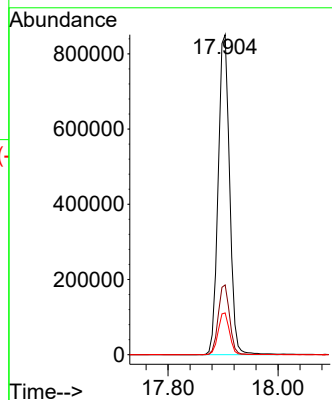
Tgt Ion:167 Resp: 1230950  
Ion Ratio Lower Upper  
167 100  
166 21.8 17.7 26.5  
139 13.1 10.2 15.2

Manual Integrations

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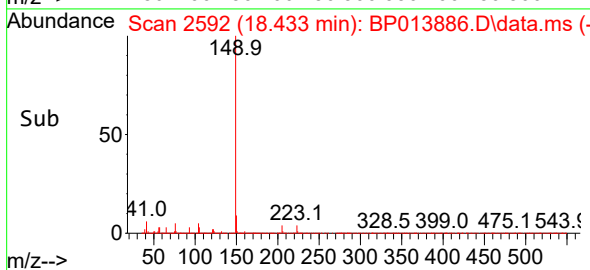
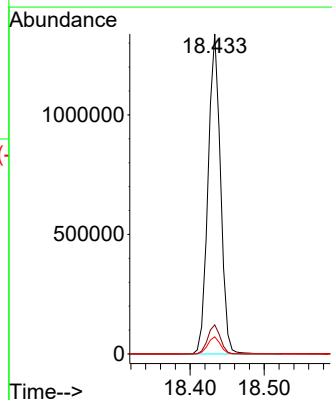
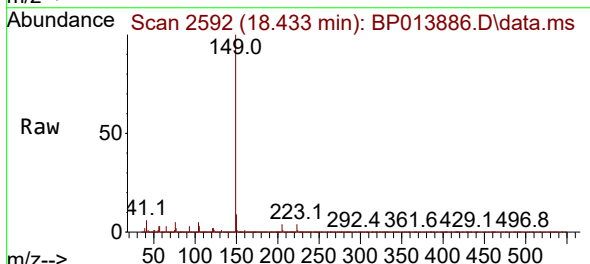
Reviewed By :Yogesh Patel 02/27/2023

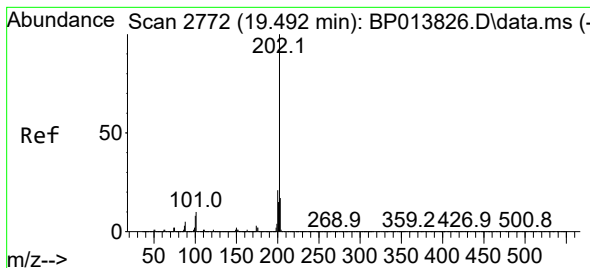
Supervised By :Jagrut Upadhyay 02/27/2023



#74  
Di-n-butylphthalate  
Concen: 42.818 ng  
RT: 18.433 min Scan# 2592  
Delta R.T. 0.012 min  
Lab File: BP013886.D  
Acq: 24 Feb 2023 15:35

Tgt Ion:149 Resp: 1561348  
Ion Ratio Lower Upper  
149 100  
150 9.1 7.5 11.3  
104 5.3 4.1 6.1





#75

Fluoranthene

Concen: 39.801 ng

RT: 19.498 min Scan# 21

Delta R.T. 0.012 min

Lab File: BP013886.D

Acq: 24 Feb 2023 15:35

Instrument :

BNA\_P

ClientSampleId :

PB151066BS

Tgt Ion:202 Resp: 171544

Ion Ratio Lower Upper

202 100

101 8.2 0.0 30.0

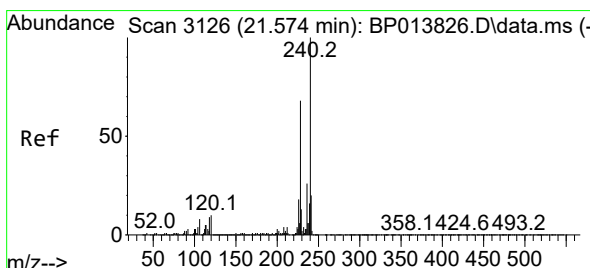
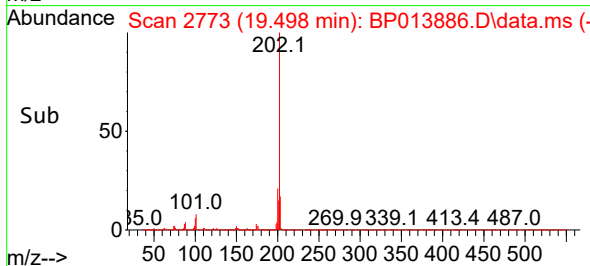
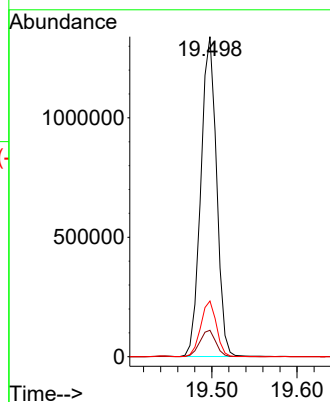
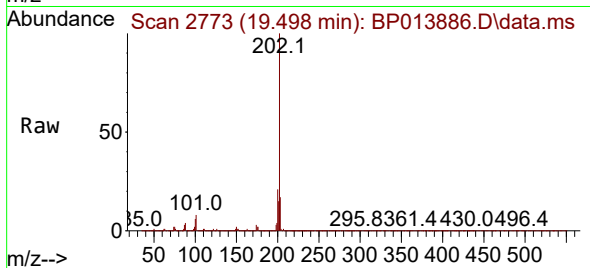
203 17.4 0.0 37.5

Manual Integrations

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Reviewed By :Yogesh Patel 02/27/2023

Supervised By :Jagrut Upadhyay 02/27/2023



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.580 min Scan# 3127

Delta R.T. 0.006 min

Lab File: BP013886.D

Acq: 24 Feb 2023 15:35

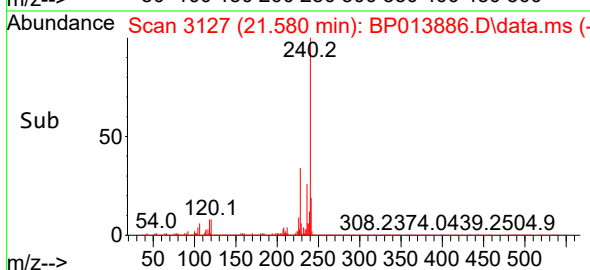
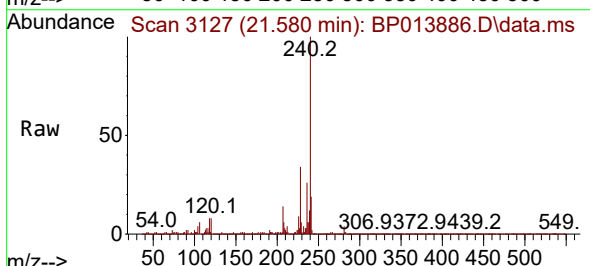
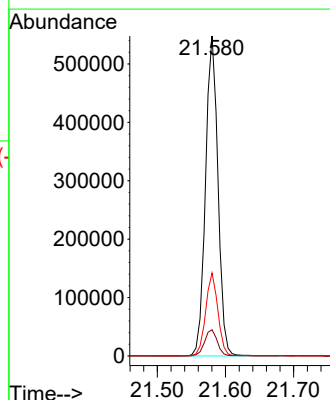
Tgt Ion:240 Resp: 694911

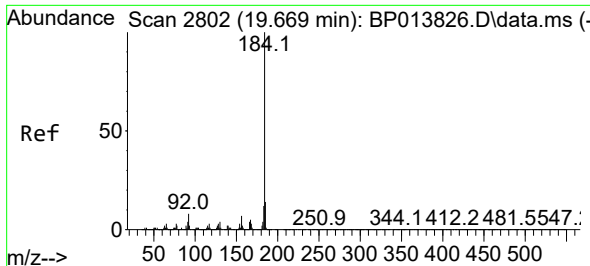
Ion Ratio Lower Upper

240 100

120 8.2 7.9 11.9

236 26.0 20.9 31.3





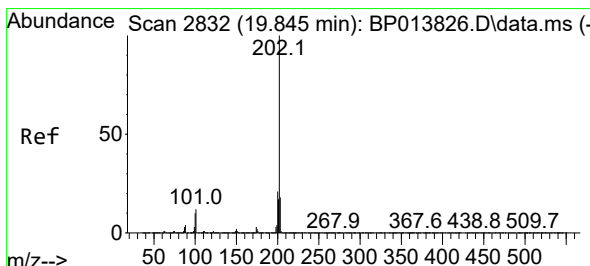
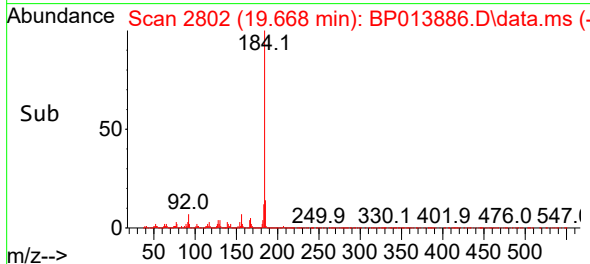
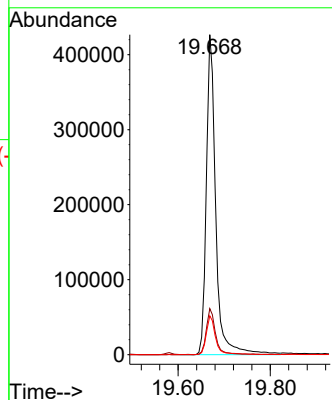
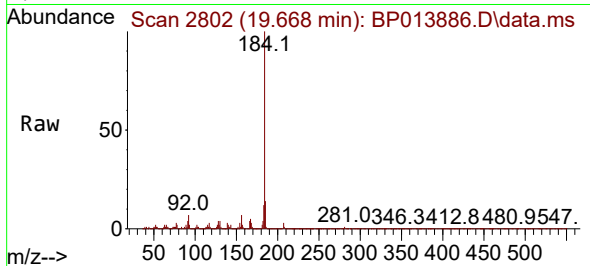
#77  
Benzidine  
Concen: 43.288 ng  
RT: 19.668 min Scan# 2802  
Delta R.T. 0.006 min  
Lab File: BP013886.D  
Acq: 24 Feb 2023 15:35

Instrument :  
BNA\_P  
ClientSampleId :  
PB151066BS

Tgt Ion:184 Resp: 611408  
Ion Ratio Lower Upper  
184 100  
185 14.4 11.4 17.0  
183 12.2 9.6 14.4

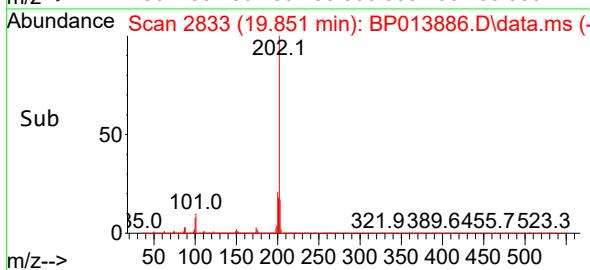
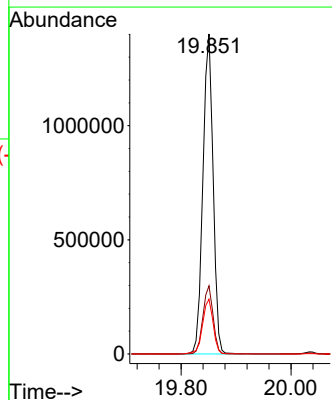
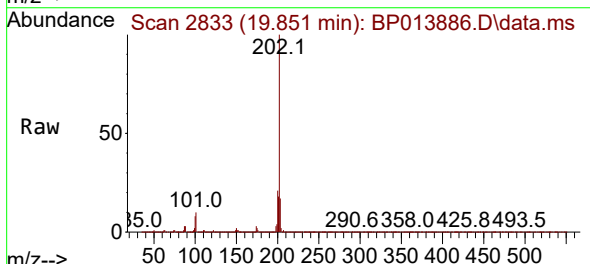
Manual Integrations  
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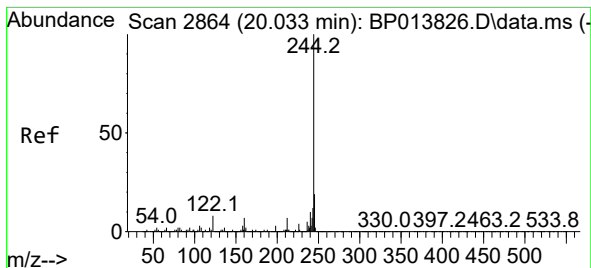
Reviewed By :Yogesh Patel 02/27/2023  
Supervised By :Jagrut Upadhyay 02/27/2023



#78  
Pyrene  
Concen: 38.132 ng  
RT: 19.851 min Scan# 2833  
Delta R.T. 0.012 min  
Lab File: BP013886.D  
Acq: 24 Feb 2023 15:35

Tgt Ion:202 Resp: 1810831  
Ion Ratio Lower Upper  
202 100  
200 21.3 16.9 25.3  
203 17.1 14.2 21.2





#79

Terphenyl-d14

Concen: 81.119 ng

RT: 20.033 min Scan# 2864

Delta R.T. 0.006 min

Lab File: BP013886.D

Acq: 24 Feb 2023 15:35

Instrument :

BNA\_P

ClientSampleId :

PB151066BS

Tgt Ion:244 Resp: 292986

Ion Ratio Lower Upper

244 100

212 7.6 5.8 8.6

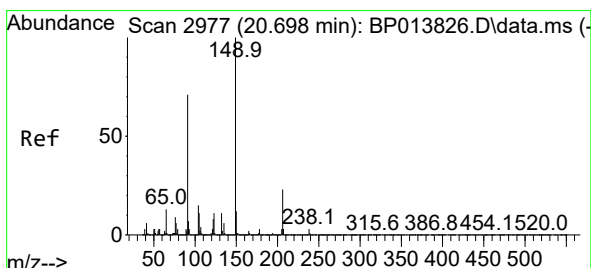
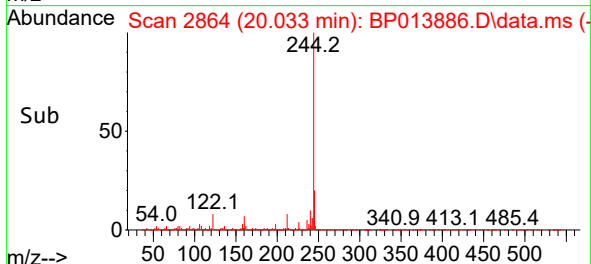
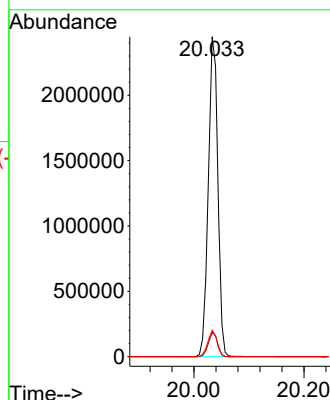
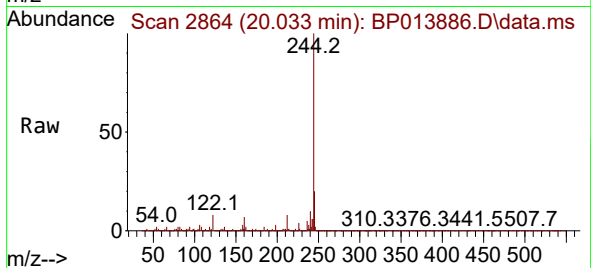
122 8.2 6.7 10.1

Manual Integrations

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Reviewed By :Yogesh Patel 02/27/2023

Supervised By :Jagrut Upadhyay 02/27/2023



#80

Butylbenzylphthalate

Concen: 40.992 ng

RT: 20.704 min Scan# 2978

Delta R.T. 0.012 min

Lab File: BP013886.D

Acq: 24 Feb 2023 15:35

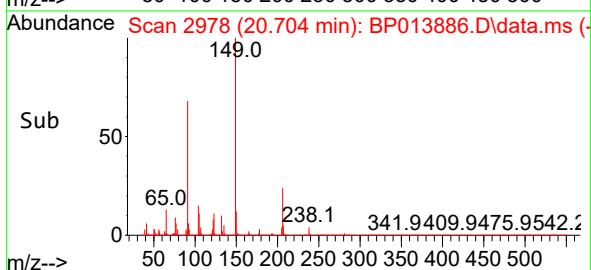
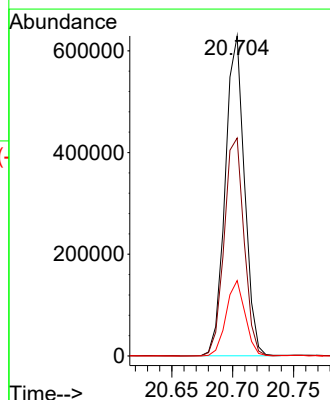
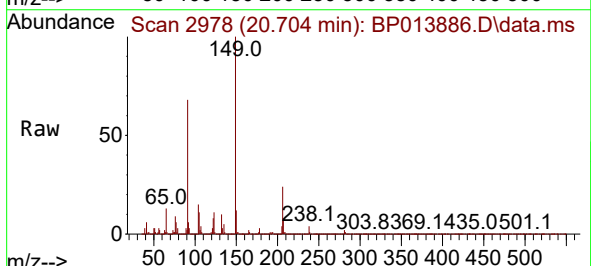
Tgt Ion:149 Resp: 691872

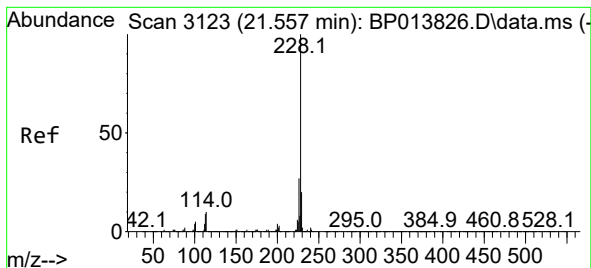
Ion Ratio Lower Upper

149 100

91 68.1 56.8 85.2

206 23.6 18.1 27.1





#81

Benzo(a)anthracene

Concen: 39.255 ng

RT: 21.562 min Scan# 3112

Delta R.T. 0.006 min

Lab File: BP013886.D

Acq: 24 Feb 2023 15:35

Instrument :

BNA\_P

ClientSampleId :

PB151066BS

Tgt Ion:228 Resp: 1953420

Ion Ratio Lower Upper

228 100

226 27.8 21.7 32.5

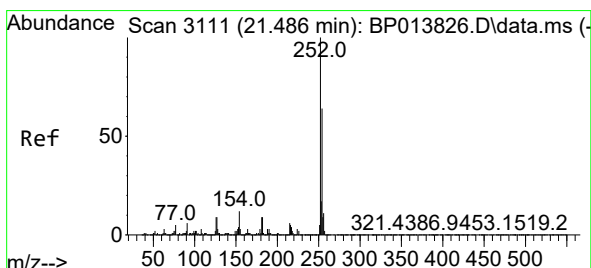
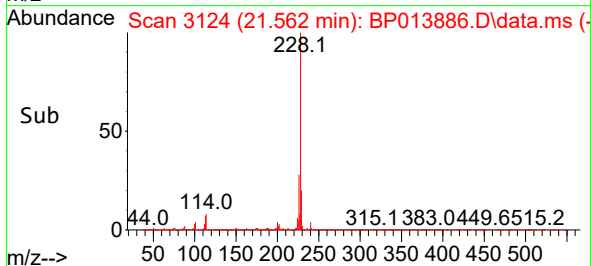
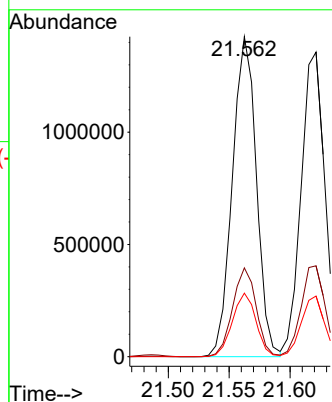
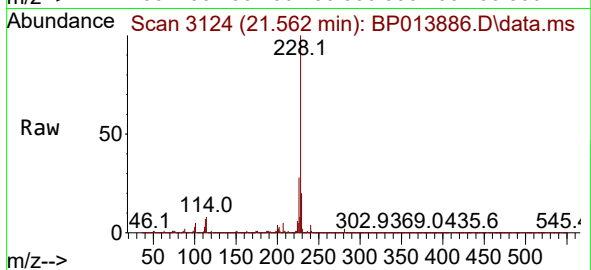
229 19.8 15.8 23.6

Manual Integrations

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Reviewed By :Yogesh Patel 02/27/2023

Supervised By :Jagrut Upadhyay 02/27/2023



#82

3,3'-Dichlorobenzidine

Concen: 41.784 ng

RT: 21.486 min Scan# 3111

Delta R.T. 0.006 min

Lab File: BP013886.D

Acq: 24 Feb 2023 15:35

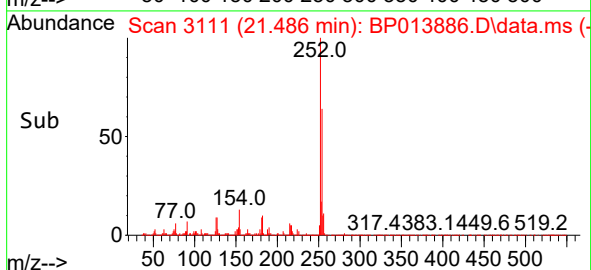
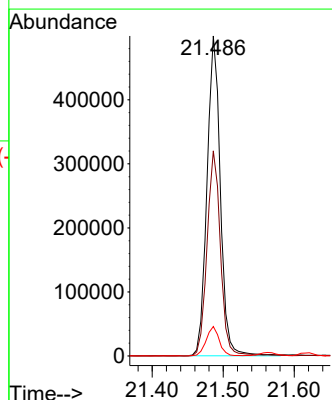
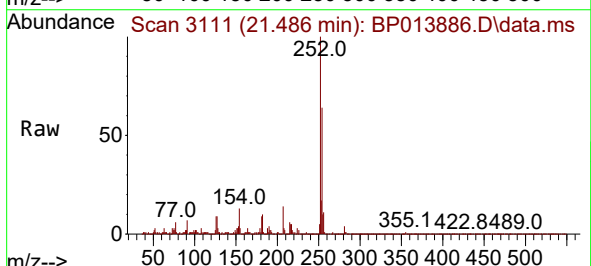
Tgt Ion:252 Resp: 654159

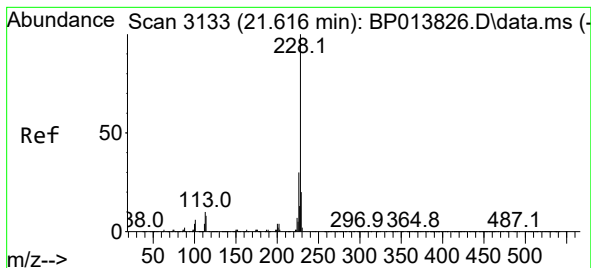
Ion Ratio Lower Upper

252 100

254 64.1 51.4 77.0

126 9.2 7.4 11.0





#83

Chrysene

Concen: 38.359 ng

RT: 21.621 min Scan# 3133

Delta R.T. 0.012 min

Lab File: BP013886.D

Acq: 24 Feb 2023 15:35

Instrument :

BNA\_P

ClientSampleId :

PB151066BS

Tgt Ion:228 Resp: 184918

Ion Ratio Lower Upper

228 100

226 29.8 23.8 35.8

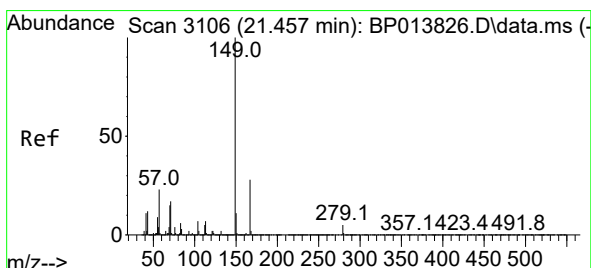
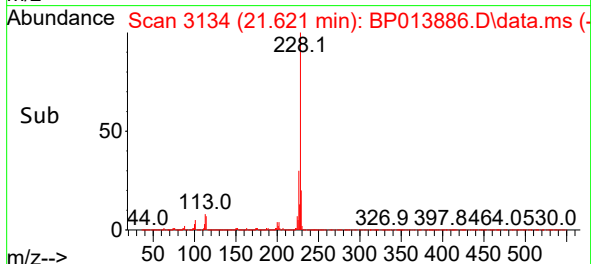
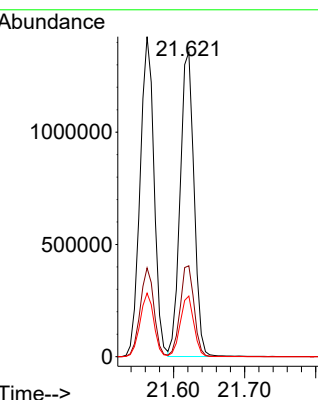
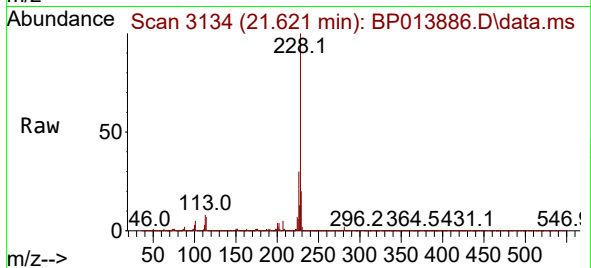
229 19.9 15.8 23.6

Manual Integrations

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Reviewed By :Yogesh Patel 02/27/2023

Supervised By :Jagrut Upadhyay 02/27/2023



#84

Bis(2-ethylhexyl)phthalate

Concen: 39.951 ng

RT: 21.457 min Scan# 3106

Delta R.T. 0.006 min

Lab File: BP013886.D

Acq: 24 Feb 2023 15:35

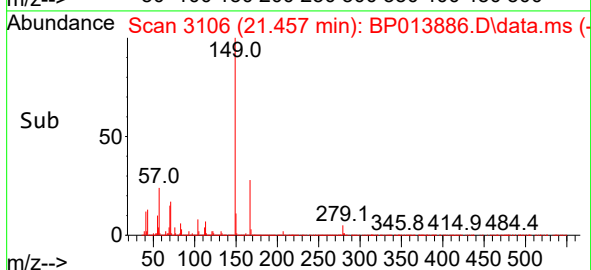
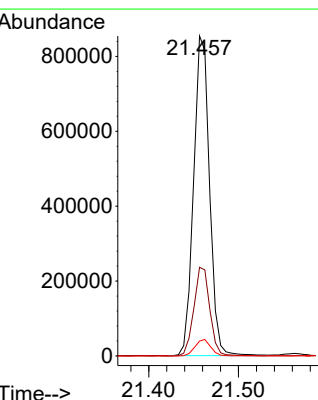
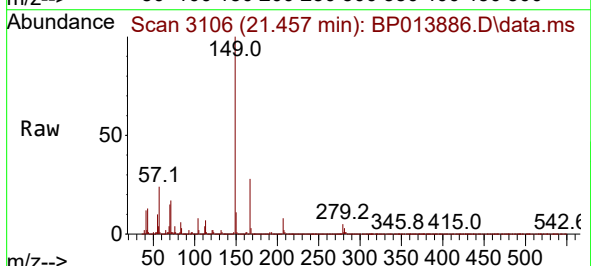
Tgt Ion:149 Resp: 1051300

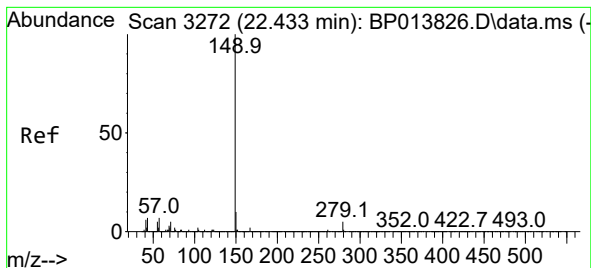
Ion Ratio Lower Upper

149 100

167 27.7 22.1 33.1

279 4.7 3.9 5.9





#85

Di-n-octyl phthalate

Concen: 38.984 ng

RT: 22.433 min Scan# 31

Delta R.T. 0.012 min

Lab File: BP013886.D

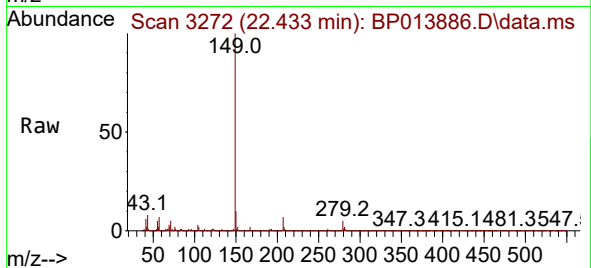
Acq: 24 Feb 2023 15:35

Instrument :

BNA\_P

ClientSampleId :

PB151066BS



Tgt Ion:149 Resp: 182795

Ion Ratio Lower Upper

149 100

167 1.6 1.3 1.9

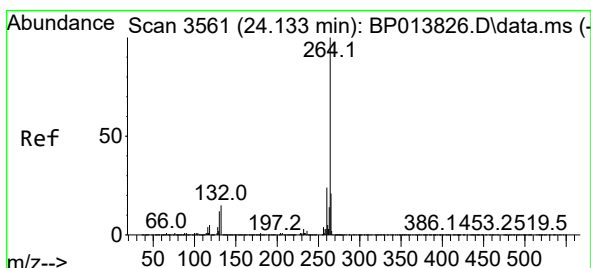
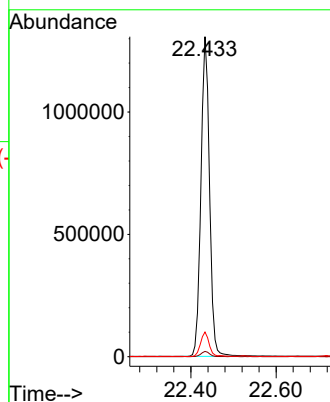
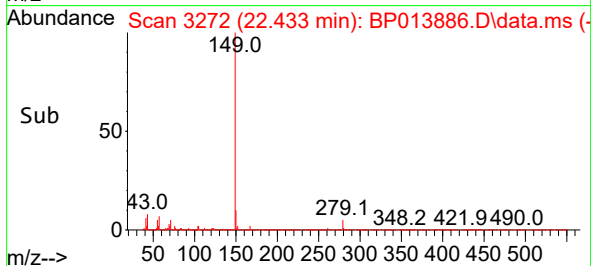
43 7.7 6.1 9.1

Manual Integrations

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Reviewed By :Yogesh Patel 02/27/2023

Supervised By :Jagrut Upadhyay 02/27/2023



#86

Perylene-d12

Concen: 20.000 ng

RT: 24.133 min Scan# 3561

Delta R.T. 0.012 min

Lab File: BP013886.D

Acq: 24 Feb 2023 15:35

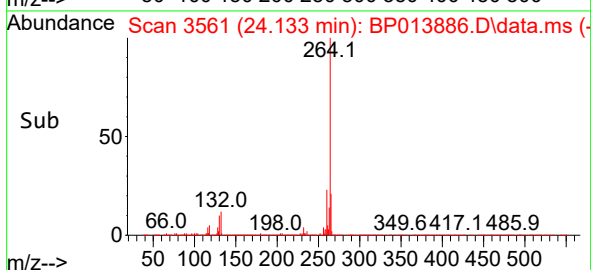
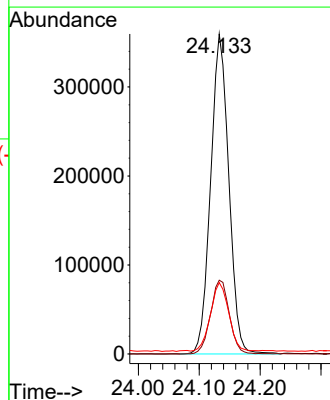
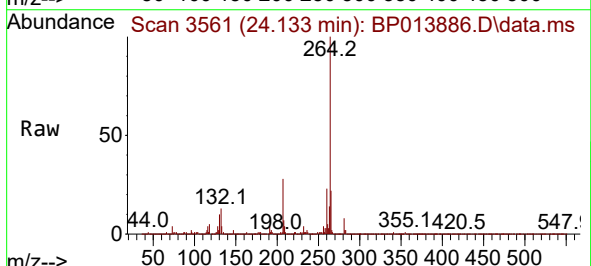
Tgt Ion:264 Resp: 744957

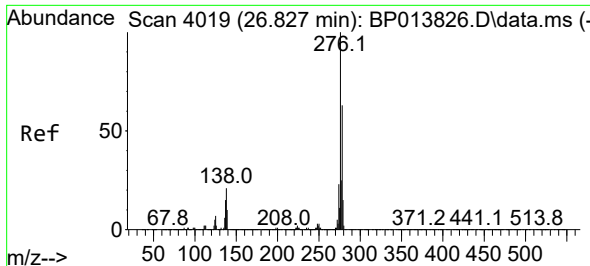
Ion Ratio Lower Upper

264 100

260 23.1 19.4 29.0

265 22.3 17.6 26.4





#87  
 Indeno(1,2,3-cd)pyrene  
 Concen: 47.743 ng  
 RT: 26.833 min Scan# 4019  
 Delta R.T. 0.018 min  
 Lab File: BP013886.D  
 Acq: 24 Feb 2023 15:35

Instrument :

BNA\_P

ClientSampleId :

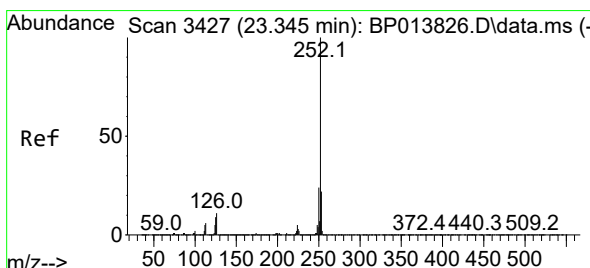
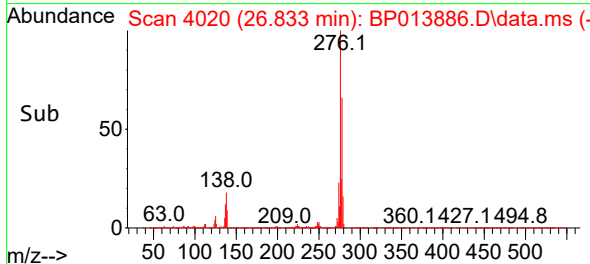
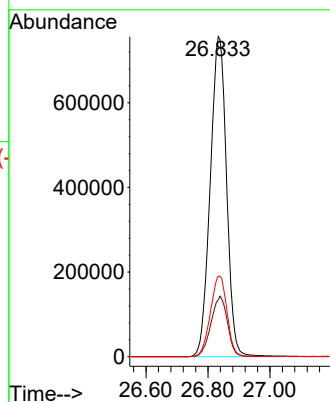
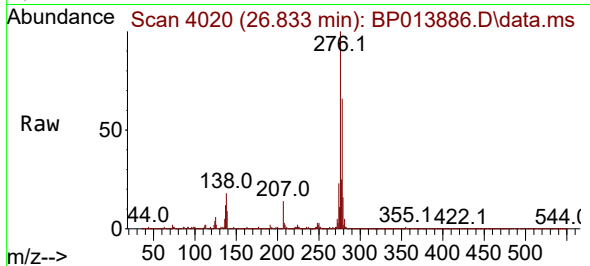
PB151066BS

Tgt Ion:276 Resp: 276675  
 Ion Ratio Lower Upper  
 276 100  
 138 19.0 17.8 26.8  
 277 25.6 20.2 30.2

Manual Integrations

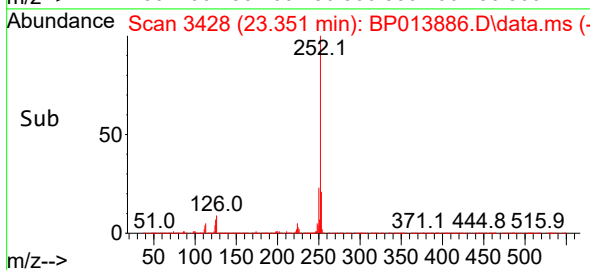
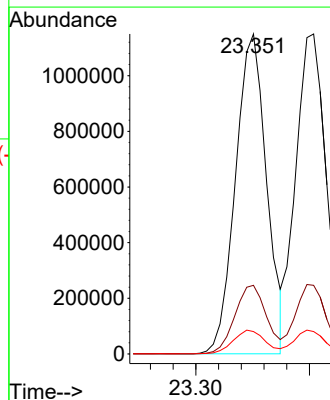
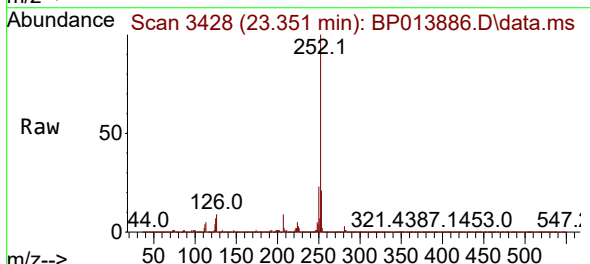
APPROVED

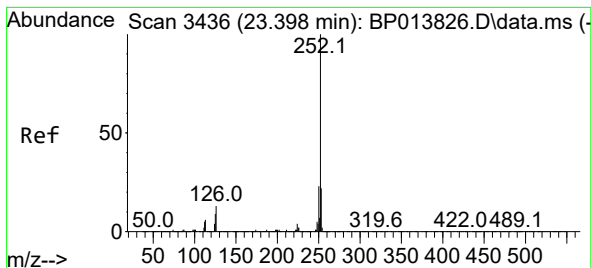
Reviewed By :Yogesh Patel 02/27/2023  
 Supervised By :Jagrut Upadhyay 02/27/2023



#88  
 Benzo(b)fluoranthene  
 Concen: 46.319 ng  
 RT: 23.351 min Scan# 3428  
 Delta R.T. 0.012 min  
 Lab File: BP013886.D  
 Acq: 24 Feb 2023 15:35

Tgt Ion:252 Resp: 2182285  
 Ion Ratio Lower Upper  
 252 100  
 253 21.4 17.8 26.6  
 125 7.0 7.1 10.7#





#89

Benzo(k)fluoranthene

Concen: 44.787 ng

RT: 23.404 min Scan# 3436

Delta R.T. 0.012 min

Lab File: BP013886.D

Acq: 24 Feb 2023 15:35

Instrument :

BNA\_P

ClientSampleId :

PB151066BS

Tgt Ion:252 Resp: 214194

Ion Ratio Lower Upper

252 100

253 21.5 17.5 26.3

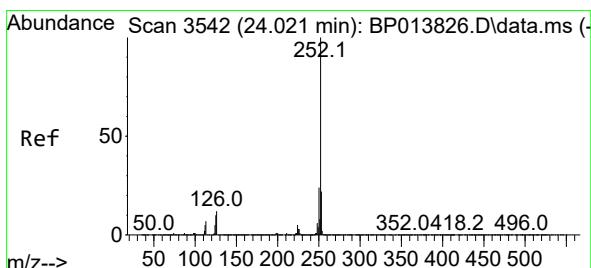
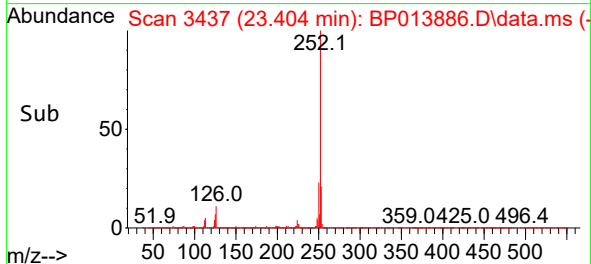
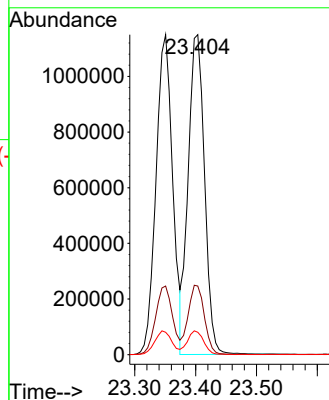
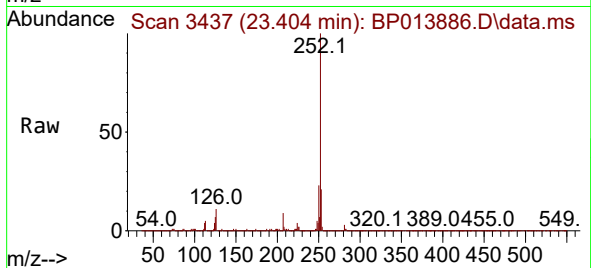
125 7.0 7.0 10.4

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 02/27/2023

Supervised By :Jagrut Upadhyay 02/27/2023



#90

Benzo(a)pyrene

Concen: 42.702 ng

RT: 24.021 min Scan# 3542

Delta R.T. 0.012 min

Lab File: BP013886.D

Acq: 24 Feb 2023 15:35

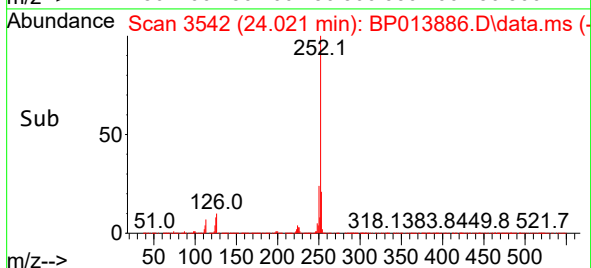
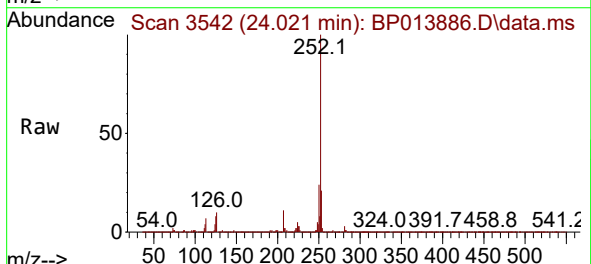
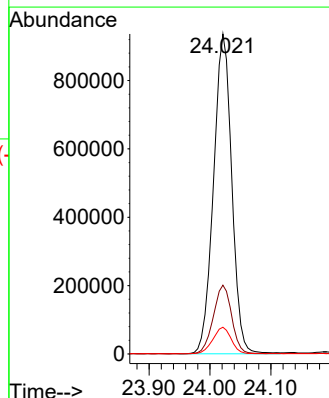
Tgt Ion:252 Resp: 1945043

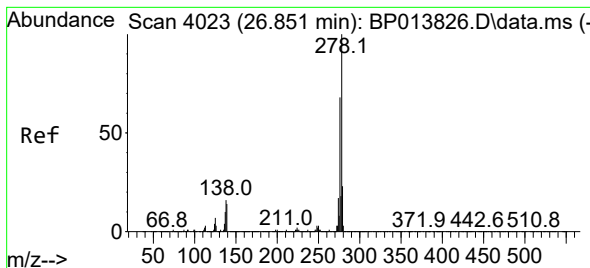
Ion Ratio Lower Upper

252 100

253 21.5 17.4 26.0

125 8.3 7.7 11.5





#91

Dibenzo(a,h)anthracene

Concen: 48.945 ng

RT: 26.850 min Scan# 4023

Delta R.T. 0.023 min

Lab File: BP013886.D

Acq: 24 Feb 2023 15:35

Instrument :

BNA\_P

ClientSampleId :

PB151066BS

Tgt Ion:278 Resp: 2376470

Ion Ratio Lower Upper

278 100

139 12.5 11.0 16.6

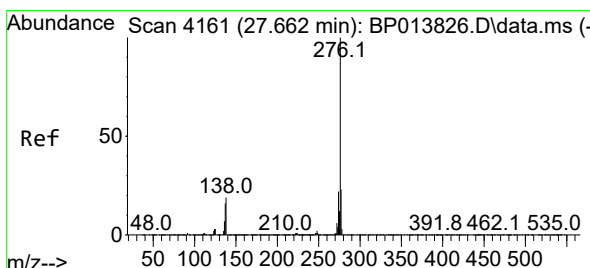
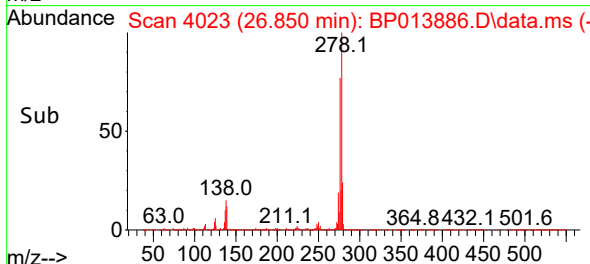
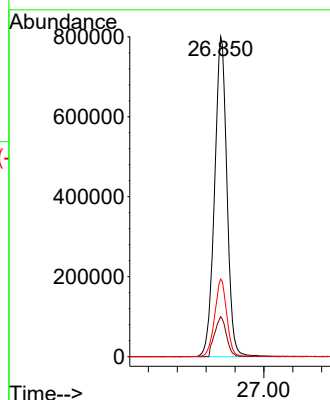
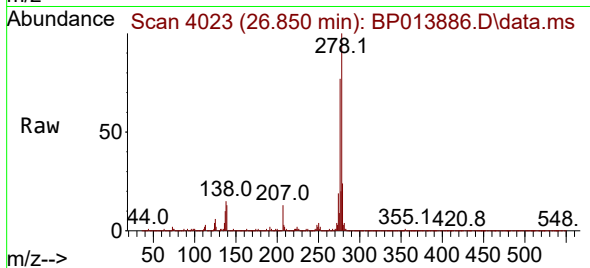
279 24.3 18.6 27.8

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 02/27/2023

Supervised By :Jagrut Upadhyay 02/27/2023



#92

Benzo(g,h,i)perylene

Concen: 49.831 ng

RT: 27.668 min Scan# 4162

Delta R.T. 0.023 min

Lab File: BP013886.D

Acq: 24 Feb 2023 15:35

Tgt Ion:276 Resp: 2392443

Ion Ratio Lower Upper

276 100

277 24.1 18.7 28.1

138 16.7 15.5 23.3

