

Data Path : Z:\svoasrv\HPCHEM1\BNA\_P\Data\BP121021\  
 Data File : BP008337.D  
 Acq On : 10 Dec 2021 12:45  
 Operator : CG/JU  
 Sample : PB141245BS  
 Misc :  
 ALS Vial : 5 Sample Multiplier: 1

Instrument :  
 BNA\_P  
 ClientSampleId :  
 PB141245BS

Manual Integrations  
 APPROVED

Reviewed By : Christian Giraldo 12/11/2021  
 Supervised By : Jagrut Upadhyay 12/13/2021

Quant Time: Dec 11 03:57:12 2021  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_P\Methods\8270E-BP112521.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Sat Dec 11 03:53:01 2021  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc    | Units | Dev(Min) |
|-------------------------------|--------|------|----------|---------|-------|----------|
| -----                         |        |      |          |         |       |          |
| Internal Standards            |        |      |          |         |       |          |
| 1) 1,4-Dichlorobenzene-d4     | 7.763  | 152  | 60708    | 20.000  | ng    | 0.00     |
| 21) Naphthalene-d8            | 10.557 | 136  | 239415   | 20.000  | ng    | 0.00     |
| 39) Acenaphthene-d10          | 14.416 | 164  | 159113   | 20.000  | ng    | 0.00     |
| 64) Phenanthrene-d10          | 17.181 | 188  | 338733   | 20.000  | ng    | 0.00     |
| 76) Chrysene-d12              | 21.292 | 240  | 373638   | 20.000  | ng    | 0.00     |
| 86) Perylene-d12              | 23.674 | 264  | 397463   | 20.000  | ng    | 0.00     |
| System Monitoring Compounds   |        |      |          |         |       |          |
| 5) 2-Fluorophenol             | 5.358  | 112  | 506188   | 134.251 | ng    | 0.00     |
| 7) Phenol-d6                  | 6.952  | 99   | 665613   | 130.772 | ng    | 0.00     |
| 23) Nitrobenzene-d5           | 8.928  | 82   | 449439   | 85.364  | ng    | 0.00     |
| 42) 2,4,6-Tribromophenol      | 15.922 | 330  | 272397   | 133.939 | ng    | 0.00     |
| 45) 2-Fluorobiphenyl          | 13.034 | 172  | 915805   | 83.603  | ng    | 0.00     |
| 79) Terphenyl-d14             | 19.757 | 244  | 1564422  | 87.505  | ng    | 0.00     |
| Target Compounds              |        |      |          |         |       |          |
|                               |        |      |          |         |       | Qvalue   |
| 2) 1,4-Dioxane                | 3.264  | 88   | 61432    | 34.923  | ng    | 97       |
| 3) Pyridine                   | 3.664  | 79   | 141609   | 30.162  | ng    | 94       |
| 4) n-Nitrosodimethylamine     | 3.575  | 42   | 91461    | 46.705  | ng    | # 97     |
| 6) Aniline                    | 7.093  | 93   | 200199   | 33.555  | ng    | 94       |
| 8) 2-Chlorophenol             | 7.334  | 128  | 178504   | 46.248  | ng    | 98       |
| 9) Benzaldehyde               | 6.911  | 77   | 37688    | 10.038  | ng    | 98       |
| 10) Phenol                    | 6.981  | 94   | 253577   | 48.481  | ng    | 96       |
| 11) bis(2-Chloroethyl)ether   | 7.193  | 93   | 182591   | 43.675  | ng    | 97       |
| 12) 1,3-Dichlorobenzene       | 7.652  | 146  | 189532   | 42.542  | ng    | 99       |
| 13) 1,4-Dichlorobenzene       | 7.799  | 146  | 196360   | 43.472  | ng    | 97       |
| 14) 1,2-Dichlorobenzene       | 8.111  | 146  | 186049   | 41.416  | ng    | 97       |
| 15) Benzyl Alcohol            | 8.016  | 79   | 195947   | 48.589  | ng    | 93       |
| 16) 2,2'-oxybis(1-Chloropr... | 8.299  | 45   | 287017   | 45.500  | ng    | 100      |
| 17) 2-Methylphenol            | 8.222  | 107  | 160052   | 47.035  | ng    | 96       |
| 18) Hexachloroethane          | 8.834  | 117  | 75069    | 44.696  | ng    | 97       |
| 19) n-Nitroso-di-n-propyla... | 8.581  | 70   | 158307   | 44.949  | ng    | 99       |
| 20) 3+4-Methylphenols         | 8.558  | 107  | 220542   | 46.961  | ng    | 98       |
| 22) Acetophenone              | 8.593  | 105  | 279158   | 42.628  | ng    | # 96     |
| 24) Nitrobenzene              | 8.969  | 77   | 232229   | 45.483  | ng    | 99       |
| 25) Isophorone                | 9.499  | 82   | 403311   | 43.785  | ng    | 98       |
| 26) 2-Nitrophenol             | 9.681  | 139  | 95109    | 43.173  | ng    | 93       |
| 27) 2,4-Dimethylphenol        | 9.752  | 122  | 166650   | 50.583  | ng    | 98       |
| 28) bis(2-Chloroethoxy)met... | 9.981  | 93   | 242968   | 41.388  | ng    | 100      |
| 29) 2,4-Dichlorophenol        | 10.228 | 162  | 176790   | 44.929  | ng    | 98       |
| 30) 1,2,4-Trichlorobenzene    | 10.428 | 180  | 189729   | 41.543  | ng    | 96       |
| 31) Naphthalene               | 10.610 | 128  | 512609   | 41.796  | ng    | 100      |
| 32) Benzoic acid              | 9.952  | 122  | 111052   | 41.207  | ng    | 97       |
| 33) 4-Chloroaniline           | 10.740 | 127  | 114112   | 22.427  | ng    | 96       |
| 34) Hexachlorobutadiene       | 10.893 | 225  | 132578   | 42.419  | ng    | 98       |
| 35) Caprolactam               | 11.546 | 113  | 57147m   | 65.381  | ng    |          |
| 36) 4-Chloro-3-methylphenol   | 11.881 | 107  | 208553   | 46.364  | ng    | 94       |
| 37) 2-Methylnaphthalene       | 12.228 | 142  | 376601   | 43.416  | ng    | 97       |
| 38) 1-Methylnaphthalene       | 12.446 | 142  | 348147   | 41.233  | ng    | 99       |
| 40) 1,2,4,5-Tetrachloroben... | 12.604 | 216  | 223891   | 43.318  | ng    | 99       |
| 41) Hexachlorocyclopentadiene | 12.575 | 237  | 180072   | 90.620  | ng    | 98       |
| 43) 2,4,6-Trichlorophenol     | 12.851 | 196  | 149016   | 42.554  | ng    | 99       |

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Instrument :  
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Manual Integrations  
 APPROVED

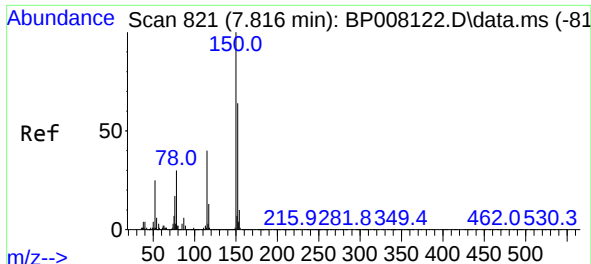
Reviewed By : Christian Giraldo 12/11/2021  
 Supervised By : Jagrut Upadhyay 12/13/2021

Quant Time: Dec 11 03:57:12 2021  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_P\Methods\8270E-BP112521.M  
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 QLast Update : Sat Dec 11 03:53:01 2021  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc   | Units | Dev(Min) |
|-------------------------------|--------|------|----------|--------|-------|----------|
| 44) 2,4,5-Trichlorophenol     | 12.940 | 196  | 164181   | 43.754 | ng    | 98       |
| 46) 1,1'-Biphenyl             | 13.246 | 154  | 476301   | 41.258 | ng    | 99       |
| 47) 2-Chloronaphthalene       | 13.287 | 162  | 384357   | 42.159 | ng    | 98       |
| 48) 2-Nitroaniline            | 13.504 | 65   | 152893   | 48.667 | ng    | 97       |
| 49) Acenaphthylene            | 14.140 | 152  | 596130   | 42.385 | ng    | 99       |
| 50) Dimethylphthalate         | 13.881 | 163  | 507394   | 42.466 | ng    | 100      |
| 51) 2,6-Dinitrotoluene        | 14.004 | 165  | 112274   | 45.277 | ng    | 96       |
| 52) Acenaphthene              | 14.481 | 154  | 354575   | 42.303 | ng    | 99       |
| 53) 3-Nitroaniline            | 14.340 | 138  | 72901    | 29.009 | ng    | 96       |
| 54) 2,4-Dinitrophenol         | 14.563 | 184  | 124448   | 84.882 | ng    | 92       |
| 55) Dibenzofuran              | 14.816 | 168  | 585449   | 40.874 | ng    | 97       |
| 56) 4-Nitrophenol             | 14.681 | 139  | 159819   | 82.972 | ng    | 83       |
| 57) 2,4-Dinitrotoluene        | 14.804 | 165  | 159287   | 46.807 | ng    | # 87     |
| 58) Fluorene                  | 15.475 | 166  | 476049   | 40.907 | ng    | 100      |
| 59) 2,3,4,6-Tetrachlorophenol | 15.057 | 232  | 140859m  | 42.215 | ng    |          |
| 60) Diethylphthalate          | 15.251 | 149  | 505420   | 42.627 | ng    | 100      |
| 61) 4-Chlorophenyl-phenyle... | 15.463 | 204  | 258066   | 40.429 | ng    | 97       |
| 62) 4-Nitroaniline            | 15.510 | 138  | 97633    | 37.441 | ng    | 88       |
| 63) Azobenzene                | 15.763 | 77   | 538758   | 44.422 | ng    | 98       |
| 65) 4,6-Dinitro-2-methylph... | 15.575 | 198  | 90455    | 40.827 | ng    | 92       |
| 66) n-Nitrosodiphenylamine    | 15.687 | 169  | 422738   | 43.084 | ng    | 99       |
| 67) 4-Bromophenyl-phenylether | 16.363 | 248  | 163132   | 43.309 | ng    | 96       |
| 68) Hexachlorobenzene         | 16.487 | 284  | 186645   | 46.356 | ng    | 96       |
| 69) Atrazine                  | 16.651 | 200  | 172326   | 67.670 | ng    | 97       |
| 70) Pentachlorophenol         | 16.839 | 266  | 198016   | 82.707 | ng    | 100      |
| 71) Phenanthrene              | 17.222 | 178  | 767607   | 42.920 | ng    | 99       |
| 72) Anthracene                | 17.316 | 178  | 788410   | 44.421 | ng    | 99       |
| 73) Carbazole                 | 17.592 | 167  | 716987   | 41.382 | ng    | 100      |
| 74) Di-n-butylphthalate       | 18.151 | 149  | 876310   | 40.404 | ng    | 99       |
| 75) Fluoranthene              | 19.204 | 202  | 958010   | 39.764 | ng    | 98       |
| 77) Benzidine                 | 19.392 | 184  | 340032   | 66.344 | ng    | 98       |
| 78) Pyrene                    | 19.557 | 202  | 989301   | 41.857 | ng    | 99       |
| 80) Butylbenzylphthalate      | 20.433 | 149  | 409086   | 38.449 | ng    | 95       |
| 81) Benzo(a)anthracene        | 21.275 | 228  | 1026853  | 41.467 | ng    | 99       |
| 82) 3,3'-Dichlorobenzidine    | 21.210 | 252  | 277063   | 23.747 | ng    | 98       |
| 83) Chrysene                  | 21.327 | 228  | 1003318  | 42.578 | ng    | 100      |
| 84) Bis(2-ethylhexyl)phtha... | 21.204 | 149  | 602908   | 37.322 | ng    | 100      |
| 85) Di-n-octyl phthalate      | 22.116 | 149  | 1076826  | 39.240 | ng    | 99       |
| 87) Indeno(1,2,3-cd)pyrene    | 26.168 | 276  | 1359693  | 47.022 | ng    | 97       |
| 88) Benzo(b)fluoranthene      | 22.951 | 252  | 1130340  | 47.174 | ng    | 99       |
| 89) Benzo(k)fluoranthene      | 22.998 | 252  | 1067695  | 45.515 | ng    | 99       |
| 90) Benzo(a)pyrene            | 23.569 | 252  | 1088878  | 53.171 | ng    | 99       |
| 91) Dibenzo(a,h)anthracene    | 26.174 | 278  | 1170037  | 48.722 | ng    | 98       |
| 92) Benzo(g,h,i)perylene      | 26.921 | 276  | 1150252  | 47.478 | ng    | 97       |

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





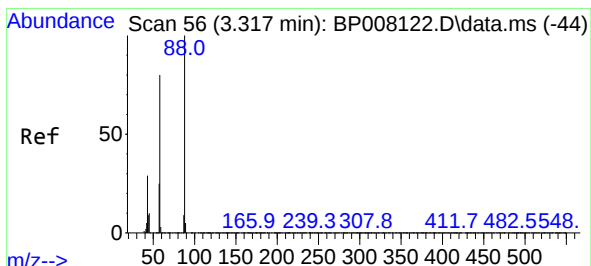
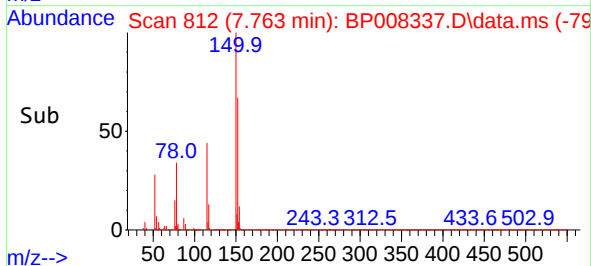
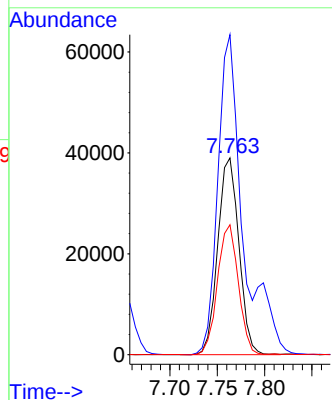
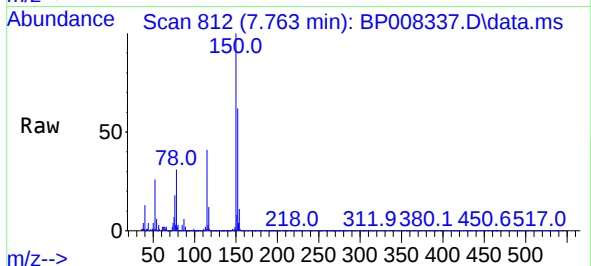
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1,4-Dichlorobenzene-d4  
Concen: 20.000 ng  
RT: 7.763 min Scan# 81  
Delta R.T. 0.000 min  
Lab File: BP008337.D  
Acq: 10 Dec 2021 12:45

Instrument :  
BNA\_P  
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PB141245BS

Tgt Ion:152 Resp: 60708  
Ion Ratio Lower Upper  
152 100  
150 162.5 125.7 188.5  
115 66.0 50.7 76.1

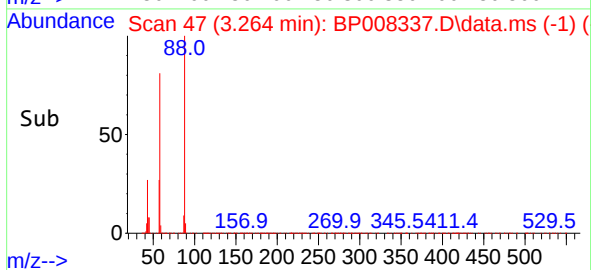
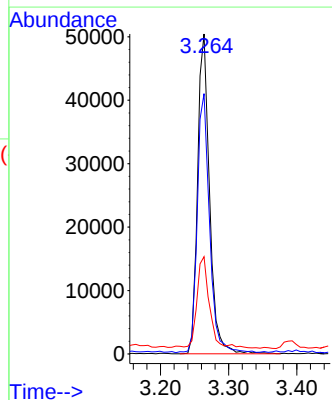
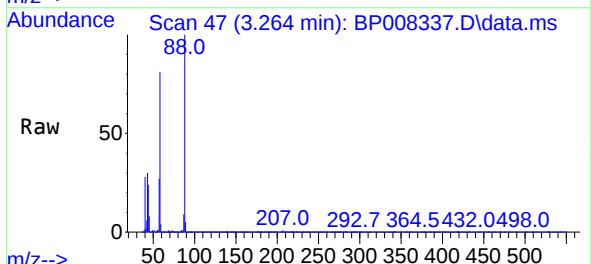
Manual Integrations  
APPROVED

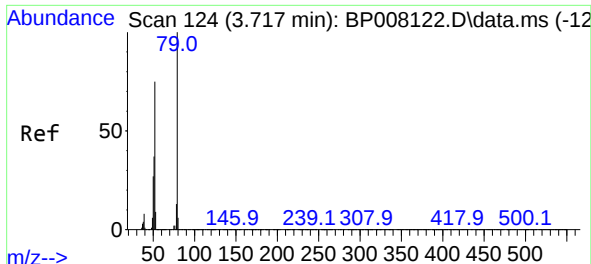
Reviewed By :Christian Giraldo 12/11/2021  
Supervised By :Jagrut Upadhyay 12/13/2021



#2  
1,4-Dioxane  
Concen: 34.923 ng  
RT: 3.264 min Scan# 47  
Delta R.T. 0.006 min  
Lab File: BP008337.D  
Acq: 10 Dec 2021 12:45

Tgt Ion: 88 Resp: 61432  
Ion Ratio Lower Upper  
88 100  
58 83.0 63.5 95.3  
43 30.3 23.4 35.2





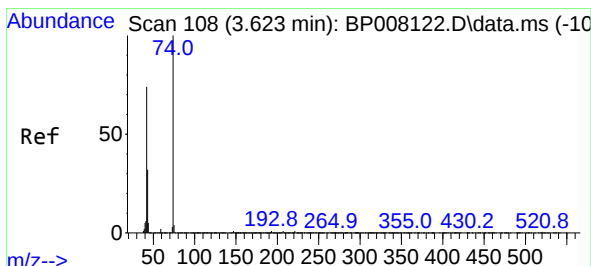
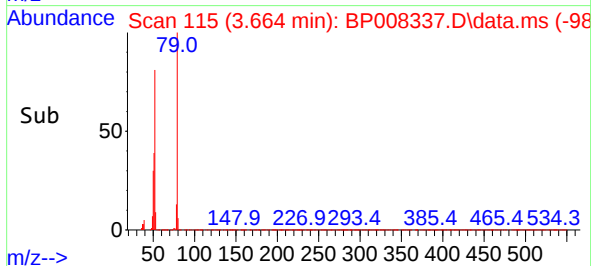
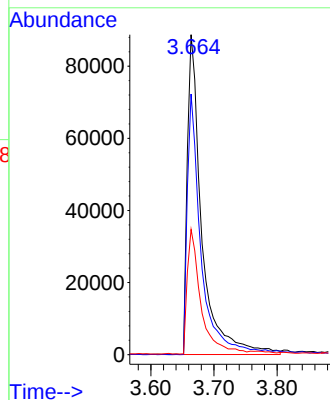
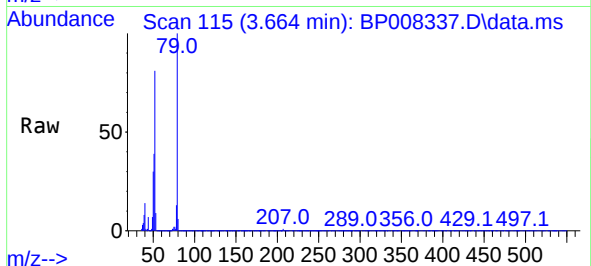
#3  
Pyridine  
Concen: 30.162 ng  
RT: 3.664 min Scan# 115  
Delta R.T. 0.000 min  
Lab File: BP008337.D  
Acq: 10 Dec 2021 12:45

Instrument :  
BNA\_P  
ClientSampleId :  
PB141245BS

Tgt Ion: 79 Resp: 141609  
Ion Ratio Lower Upper  
79 100  
52 81.5 60.0 90.0  
51 39.2 29.6 44.4

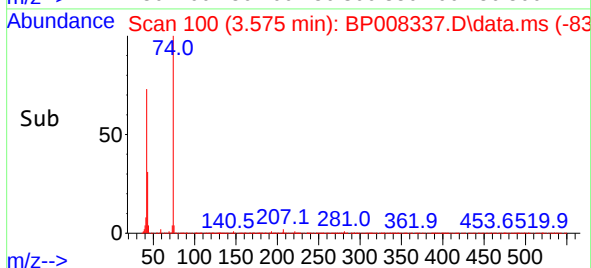
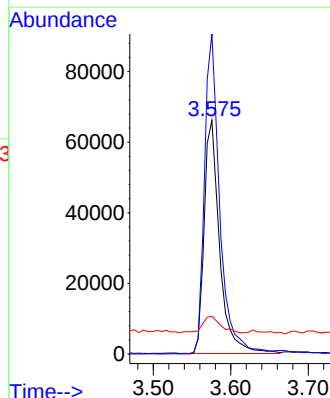
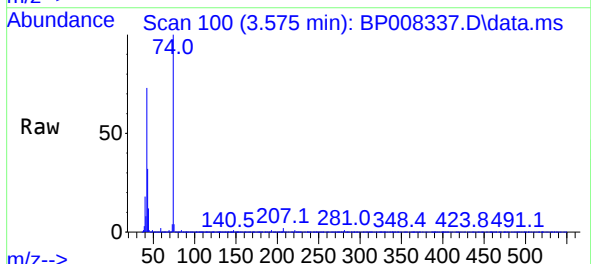
Manual Integrations  
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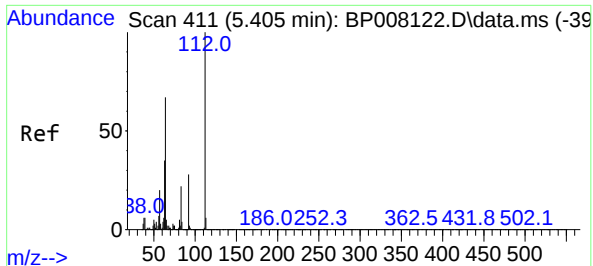
Reviewed By :Christian Giraldo 12/11/2021  
Supervised By :Jagrut Upadhyay 12/13/2021



#4  
n-Nitrosodimethylamine  
Concen: 46.705 ng  
RT: 3.575 min Scan# 100  
Delta R.T. 0.000 min  
Lab File: BP008337.D  
Acq: 10 Dec 2021 12:45

Tgt Ion: 42 Resp: 91461  
Ion Ratio Lower Upper  
42 100  
74 137.1 108.0 162.0  
44 16.1 5.8 8.6





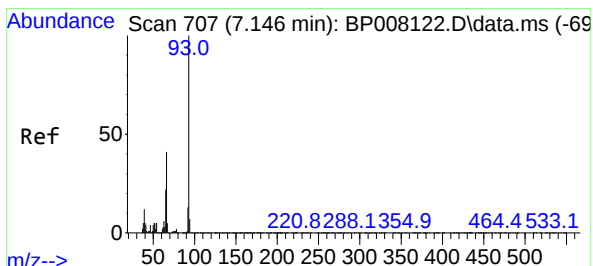
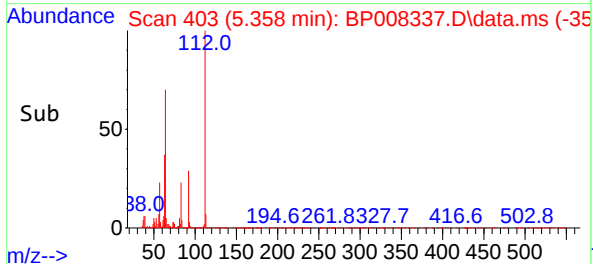
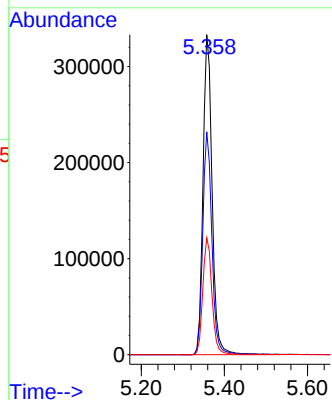
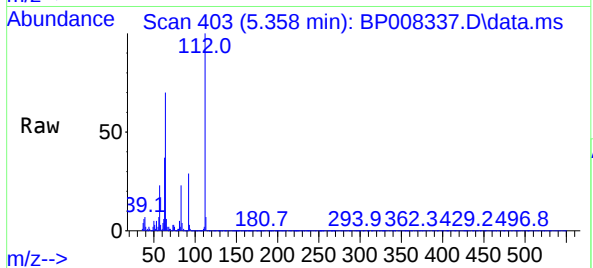
#5  
2-Fluorophenol  
Concen: 134.251 ng  
RT: 5.358 min Scan# 40  
Delta R.T. 0.000 min  
Lab File: BP008337.D  
Acq: 10 Dec 2021 12:45

Instrument :  
BNA\_P  
ClientSampleId :  
PB141245BS

Tgt Ion:112 Resp: 506188  
Ion Ratio Lower Upper  
112 100  
64 69.7 53.4 80.2  
63 36.5 27.8 41.8

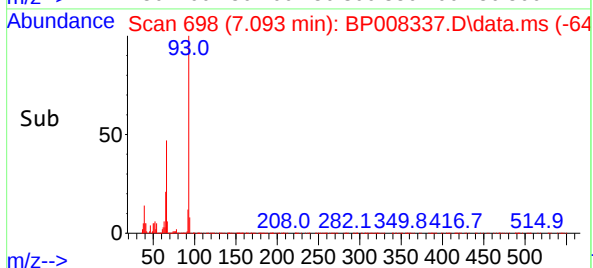
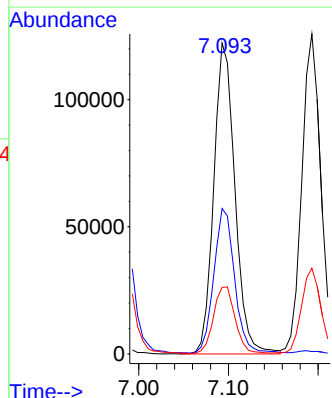
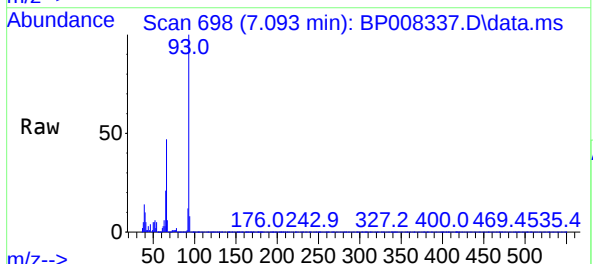
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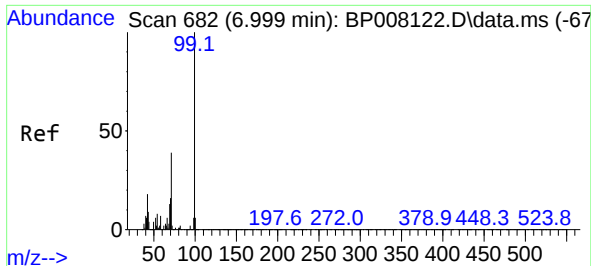
Reviewed By :Christian Giraldo 12/11/2021  
Supervised By :Jagrut Upadhyay 12/13/2021



#6  
Aniline  
Concen: 33.555 ng  
RT: 7.093 min Scan# 698  
Delta R.T. 0.000 min  
Lab File: BP008337.D  
Acq: 10 Dec 2021 12:45

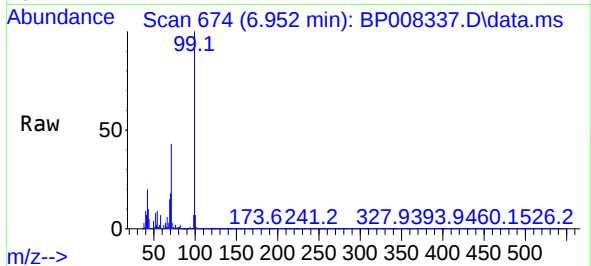
Tgt Ion: 93 Resp: 200199  
Ion Ratio Lower Upper  
93 100  
66 46.8 32.9 49.3  
65 21.4 17.5 26.3





#7  
Phenol-d6  
Concen: 130.772 ng  
RT: 6.952 min Scan# 61  
Delta R.T. 0.000 min  
Lab File: BP008337.D  
Acq: 10 Dec 2021 12:45

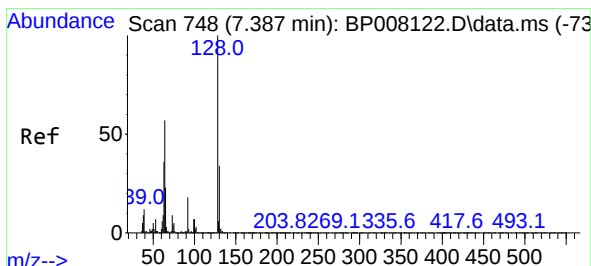
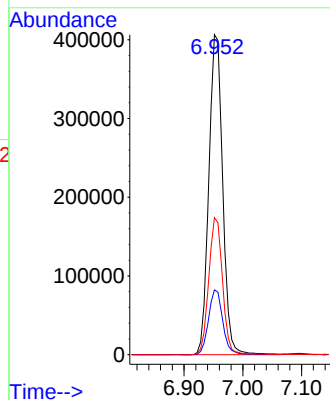
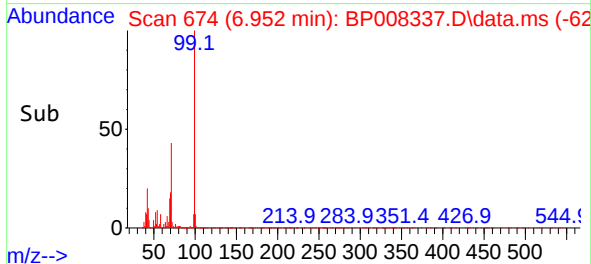
Instrument :  
BNA\_P  
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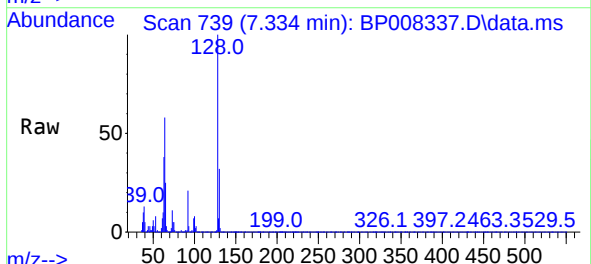
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Ion Ratio Lower Upper  
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Manual Integrations  
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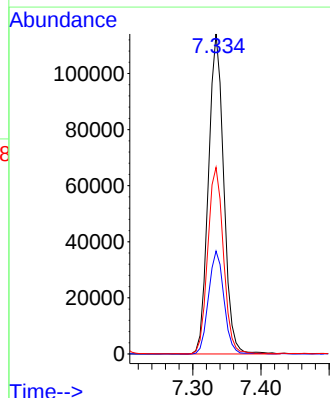
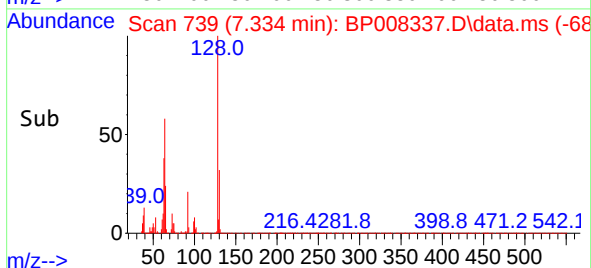
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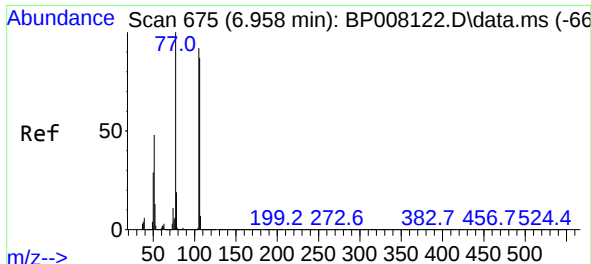


#8  
2-Chlorophenol  
Concen: 46.248 ng  
RT: 7.334 min Scan# 739  
Delta R.T. 0.006 min  
Lab File: BP008337.D  
Acq: 10 Dec 2021 12:45



Tgt Ion:128 Resp: 178504  
Ion Ratio Lower Upper  
128 100  
130 32.2 13.5 53.5  
64 58.3 37.4 77.4





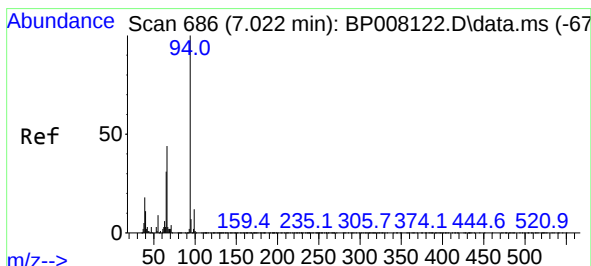
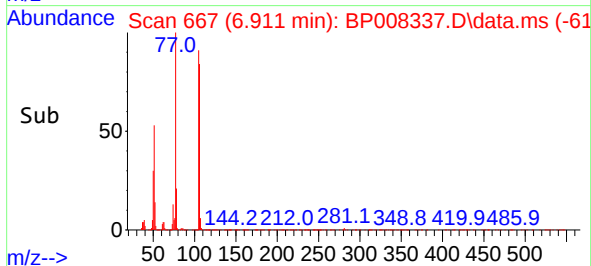
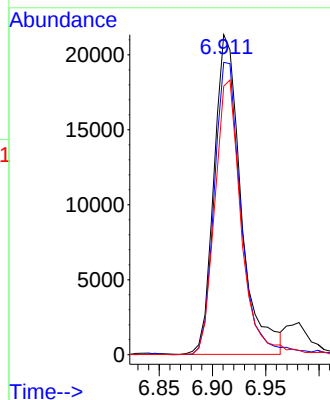
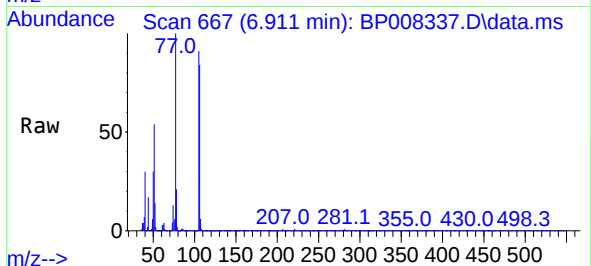
#9  
Benzaldehyde  
Concen: 10.038 ng  
RT: 6.911 min Scan# 60  
Delta R.T. 0.000 min  
Lab File: BP008337.D  
Acq: 10 Dec 2021 12:45

Instrument :  
BNA\_P  
ClientSampleId :  
PB141245BS

Tgt Ion: 77 Resp: 3768  
Ion Ratio Lower Upper  
77 100  
105 91.3 71.8 111.8  
106 83.9 67.3 107.3

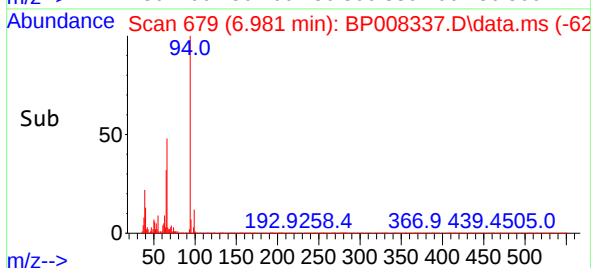
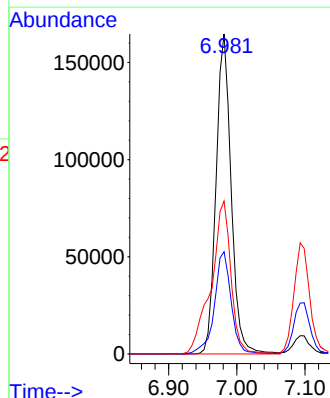
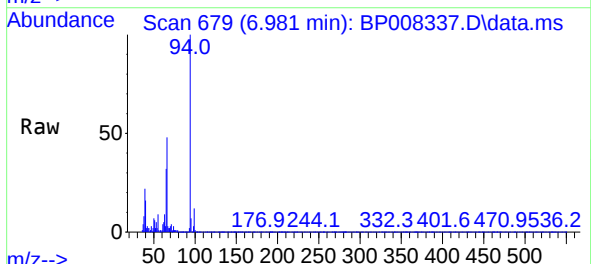
Manual Integrations  
APPROVED

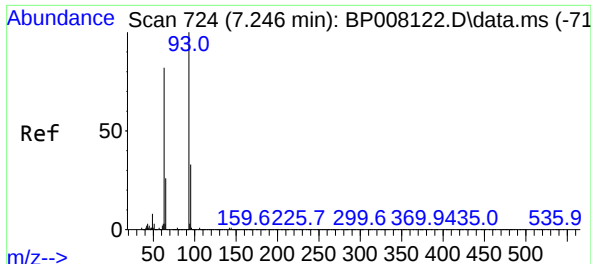
Reviewed By :Christian Giraldo 12/11/2021  
Supervised By :Jagrut Upadhyay 12/13/2021



#10  
Phenol  
Concen: 48.481 ng  
RT: 6.981 min Scan# 679  
Delta R.T. 0.006 min  
Lab File: BP008337.D  
Acq: 10 Dec 2021 12:45

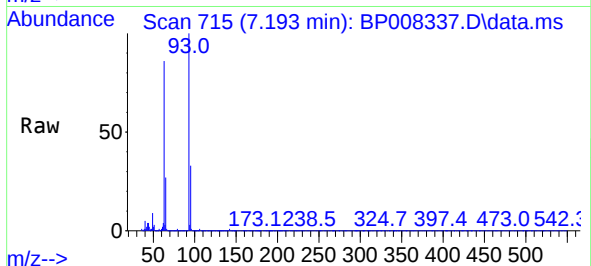
Tgt Ion: 94 Resp: 253577  
Ion Ratio Lower Upper  
94 100  
65 32.0 10.9 50.9  
66 47.7 24.3 64.3





#11  
bis(2-Chloroethyl)ether  
Concen: 43.675 ng  
RT: 7.193 min Scan# 715  
Delta R.T. 0.000 min  
Lab File: BP008337.D  
Acq: 10 Dec 2021 12:45

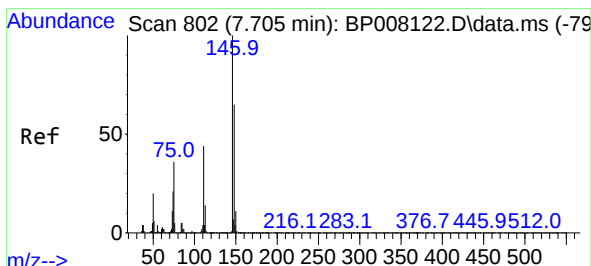
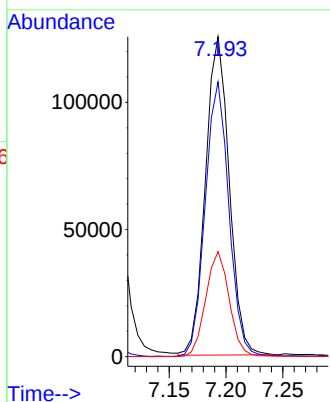
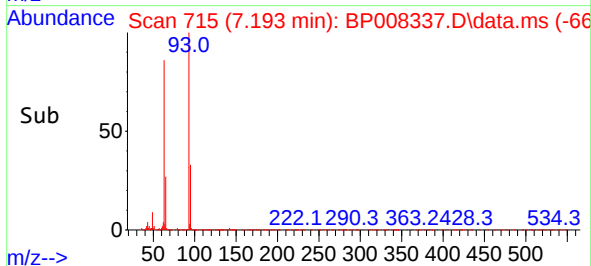
Instrument :  
BNA\_P  
ClientSampleId :  
PB141245BS



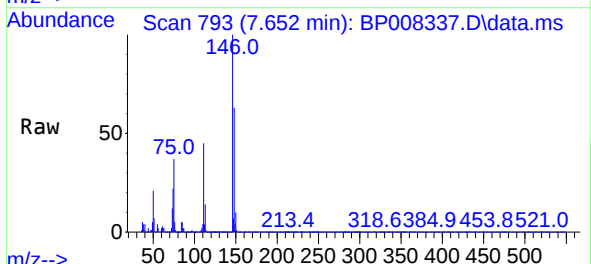
Tgt Ion: 93 Resp: 18259  
Ion Ratio Lower Upper  
93 100  
63 85.9 61.8 101.8  
95 32.8 12.5 52.5

Manual Integrations  
APPROVED

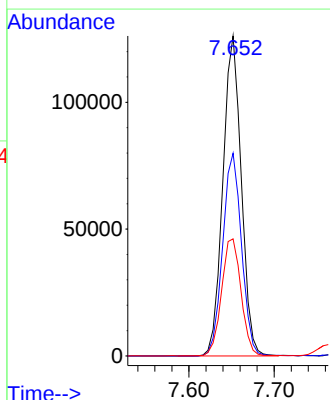
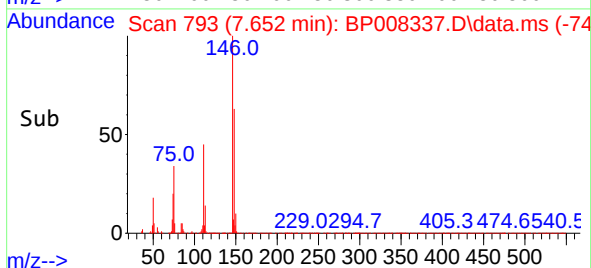
Reviewed By :Christian Giraldo 12/11/2021  
Supervised By :Jagrut Upadhyay 12/13/2021

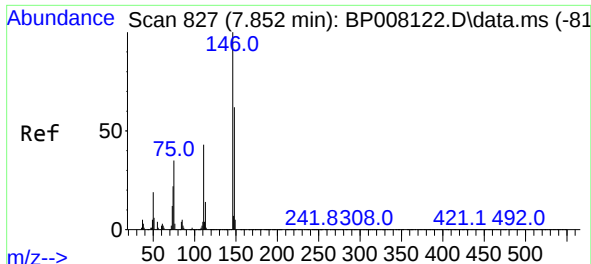


#12  
1,3-Dichlorobenzene  
Concen: 42.542 ng  
RT: 7.652 min Scan# 793  
Delta R.T. 0.006 min  
Lab File: BP008337.D  
Acq: 10 Dec 2021 12:45



Tgt Ion:146 Resp: 189532  
Ion Ratio Lower Upper  
146 100  
148 63.3 51.9 77.9  
75 36.6 29.0 43.6





#13

1,4-Dichlorobenzene

Concen: 43.472 ng

RT: 7.799 min Scan# 81

Delta R.T. 0.006 min

Lab File: BP008337.D

Acq: 10 Dec 2021 12:45

Instrument :

BNA\_P

ClientSampleId :

PB141245BS

Tgt Ion:146 Resp: 196360

Ion Ratio Lower Upper

146 100

148 64.6 49.6 74.4

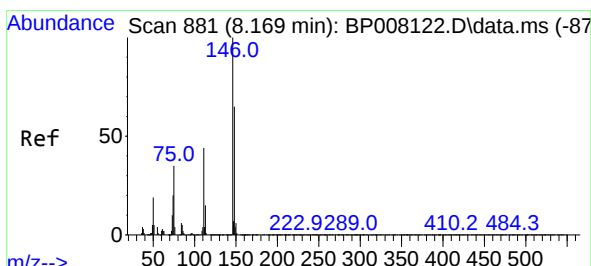
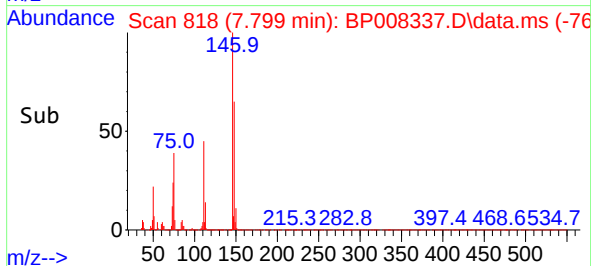
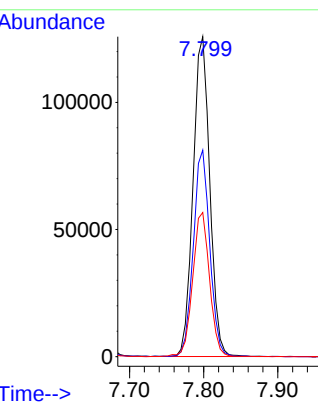
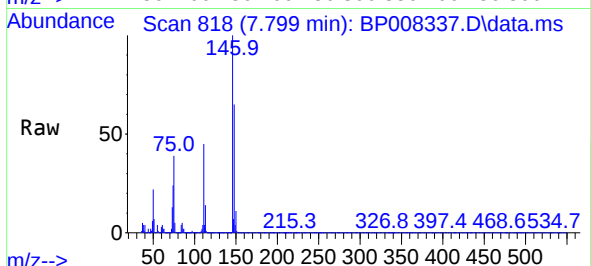
111 45.1 34.7 52.1

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 12/11/2021

Supervised By :Jagrut Upadhyay 12/13/2021



#14

1,2-Dichlorobenzene

Concen: 41.416 ng

RT: 8.111 min Scan# 871

Delta R.T. 0.000 min

Lab File: BP008337.D

Acq: 10 Dec 2021 12:45

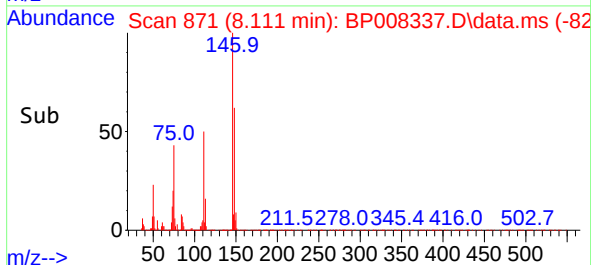
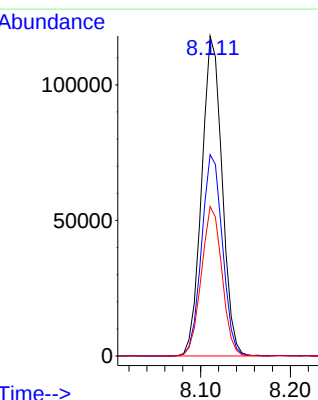
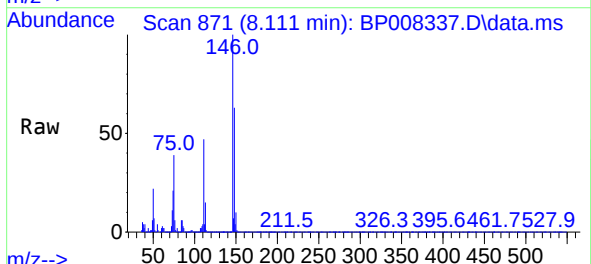
Tgt Ion:146 Resp: 186049

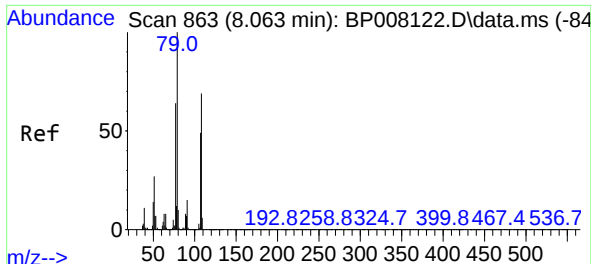
Ion Ratio Lower Upper

146 100

148 62.9 51.8 77.6

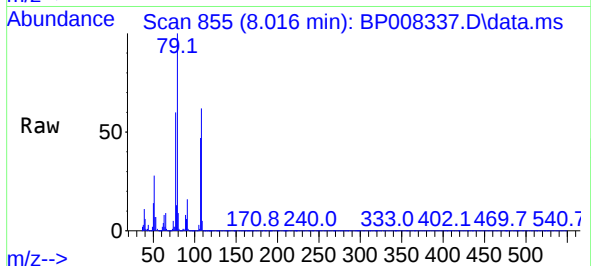
111 46.7 35.0 52.6





#15  
Benzyl Alcohol  
Concen: 48.589 ng  
RT: 8.016 min Scan# 80  
Delta R.T. 0.006 min  
Lab File: BP008337.D  
Acq: 10 Dec 2021 12:45

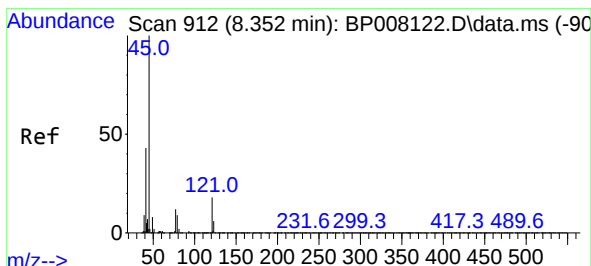
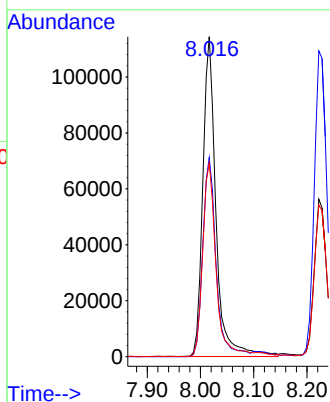
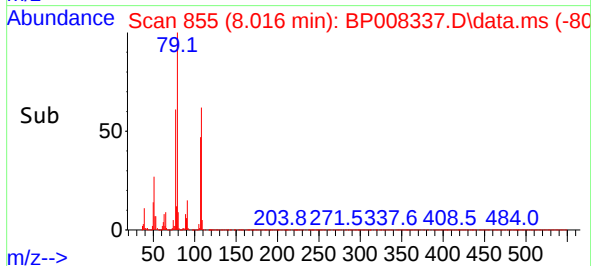
Instrument :  
BNA\_P  
ClientSampleId :  
PB141245BS



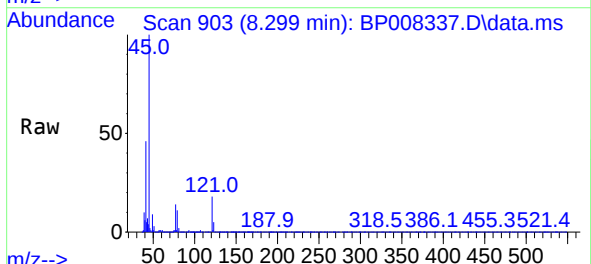
Tgt Ion: 79 Resp: 19594  
Ion Ratio Lower Upper  
79 100  
108 62.2 55.5 83.3  
77 60.5 51.0 76.6

Manual Integrations  
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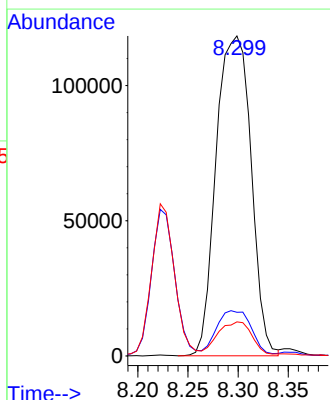
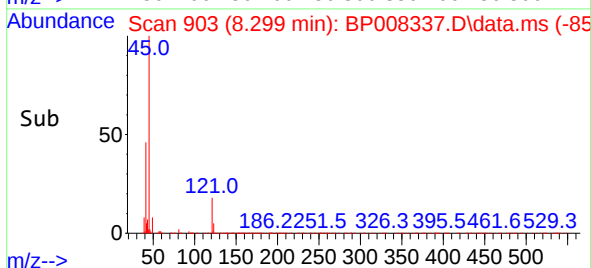
Reviewed By :Christian Giraldo 12/11/2021  
Supervised By :Jagrut Upadhyay 12/13/2021

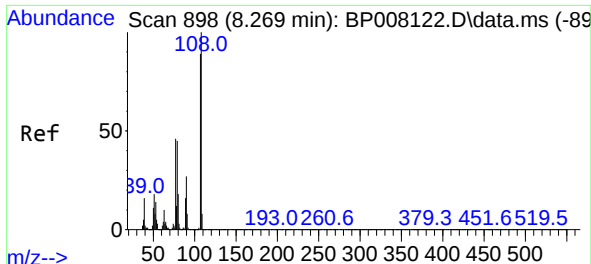


#16  
2,2'-oxybis(1-Chloropropane)  
Concen: 45.500 ng  
RT: 8.299 min Scan# 903  
Delta R.T. 0.000 min  
Lab File: BP008337.D  
Acq: 10 Dec 2021 12:45



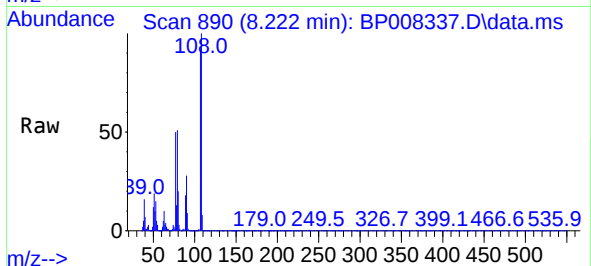
Tgt Ion: 45 Resp: 287017  
Ion Ratio Lower Upper  
45 100  
77 13.6 0.0 33.8  
79 10.6 0.0 30.4





#17  
2-Methylphenol  
Concen: 47.035 ng  
RT: 8.222 min Scan# 898  
Delta R.T. 0.000 min  
Lab File: BP008337.D  
Acq: 10 Dec 2021 12:45

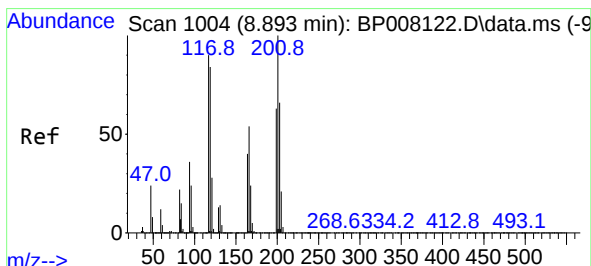
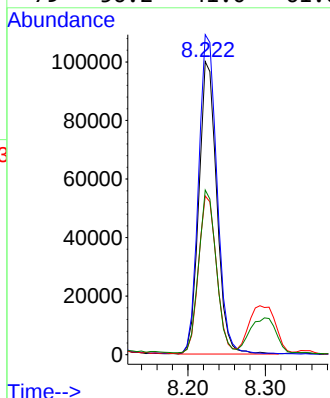
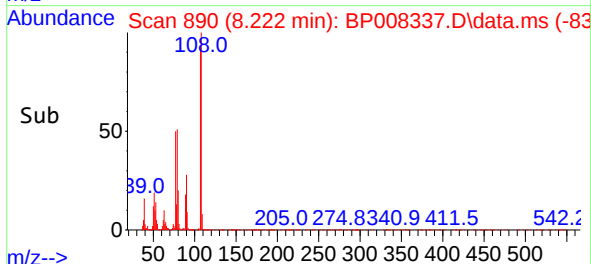
Instrument :  
BNA\_P  
ClientSampleId :  
PB141245BS



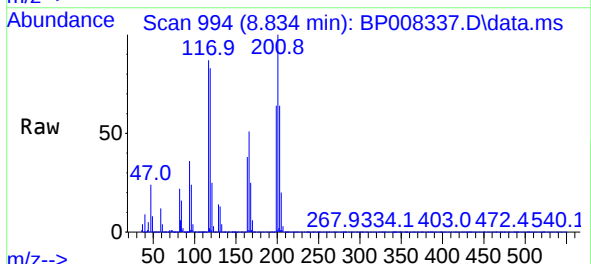
Tgt Ion:107 Resp: 160052  
Ion Ratio Lower Upper  
107 100  
108 109.1 90.2 135.2  
77 54.2 41.3 61.9  
79 56.2 41.0 61.6

Manual Integrations  
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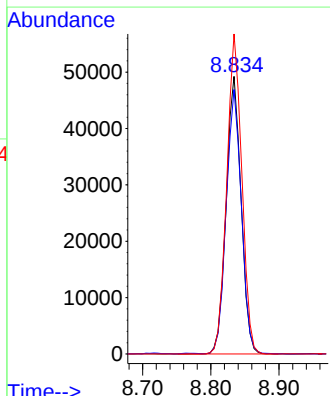
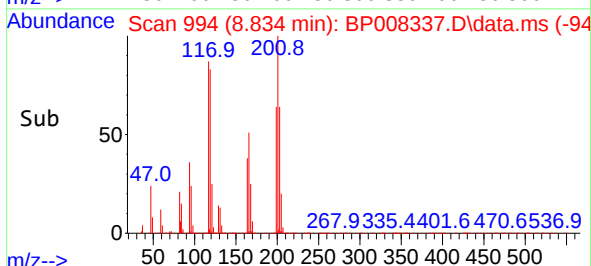
Reviewed By :Christian Giraldo 12/11/2021  
Supervised By :Jagrut Upadhyay 12/13/2021

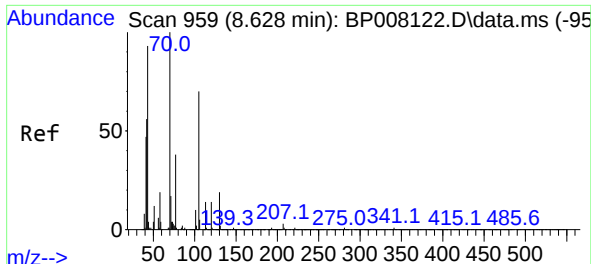


#18  
Hexachloroethane  
Concen: 44.696 ng  
RT: 8.834 min Scan# 994  
Delta R.T. 0.000 min  
Lab File: BP008337.D  
Acq: 10 Dec 2021 12:45



Tgt Ion:117 Resp: 75069  
Ion Ratio Lower Upper  
117 100  
119 95.3 74.7 112.1  
201 115.3 88.6 132.8





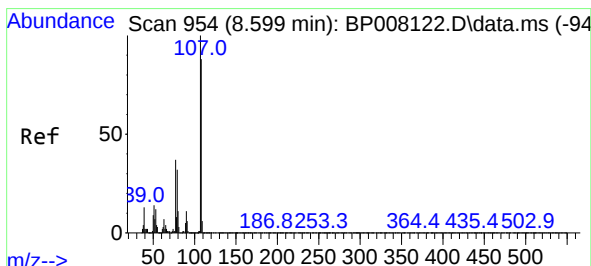
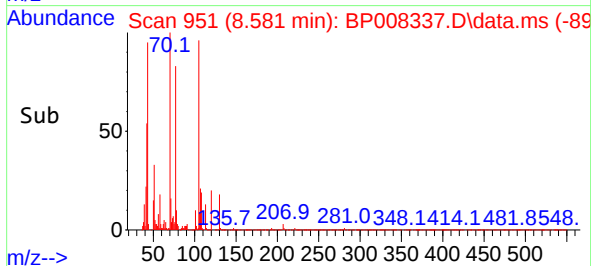
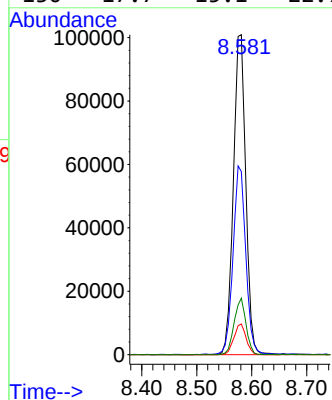
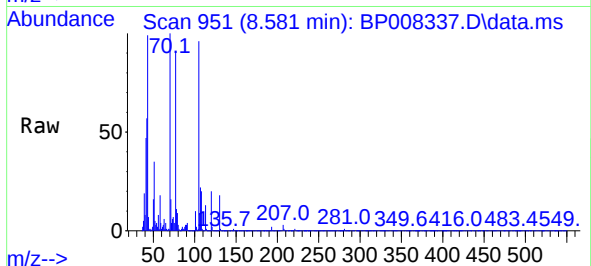
#19  
n-Nitroso-di-n-propylamine  
Concen: 44.949 ng  
RT: 8.581 min Scan# 91  
Delta R.T. 0.006 min  
Lab File: BP008337.D  
Acq: 10 Dec 2021 12:45

Instrument :  
BNA\_P  
ClientSampleId :  
PB141245BS

Tgt Ion: 70 Resp: 15830  
Ion Ratio Lower Upper  
70 100  
42 57.3 45.4 68.2  
101 9.6 7.6 11.4  
130 17.7 15.1 22.7

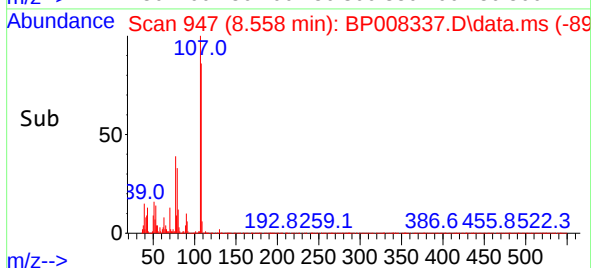
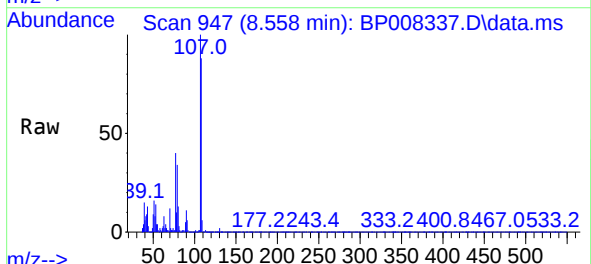
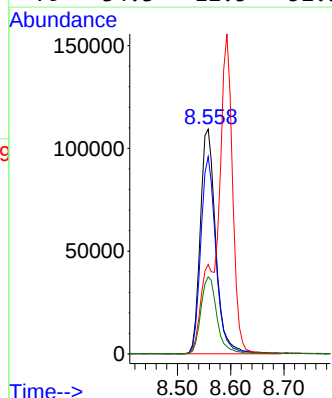
Manual Integrations  
APPROVED

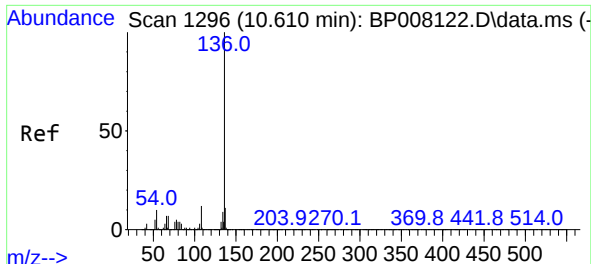
Reviewed By :Christian Giraldo 12/11/2021  
Supervised By :Jagrut Upadhyay 12/13/2021



#20  
3+4-Methylphenols  
Concen: 46.961 ng  
RT: 8.558 min Scan# 947  
Delta R.T. 0.006 min  
Lab File: BP008337.D  
Acq: 10 Dec 2021 12:45

Tgt Ion:107 Resp: 220542  
Ion Ratio Lower Upper  
107 100  
108 87.8 68.2 108.2  
77 39.8 16.9 56.9  
79 34.3 12.5 52.5





#21  
Naphthalene-d8  
Concen: 20.000 ng  
RT: 10.557 min Scan# 10  
Delta R.T. 0.000 min  
Lab File: BP008337.D  
Acq: 10 Dec 2021 12:45

Instrument :

BNA\_P

ClientSampleId :

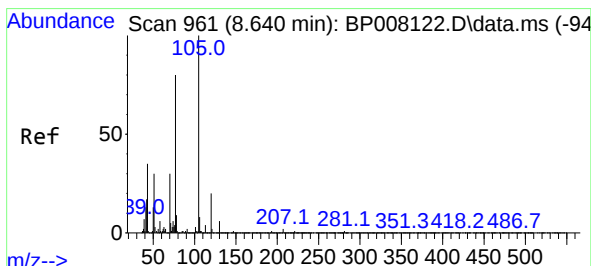
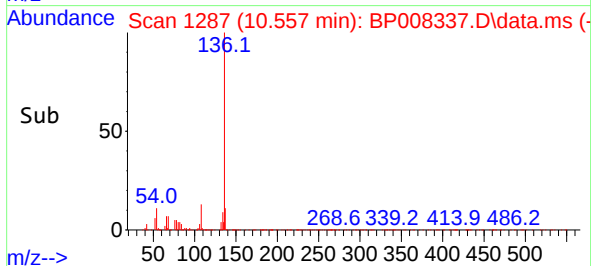
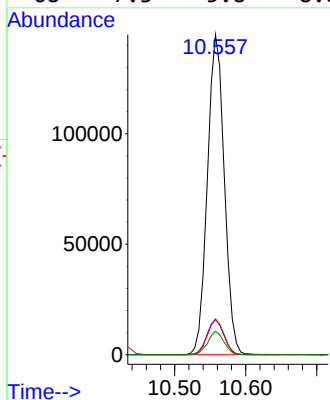
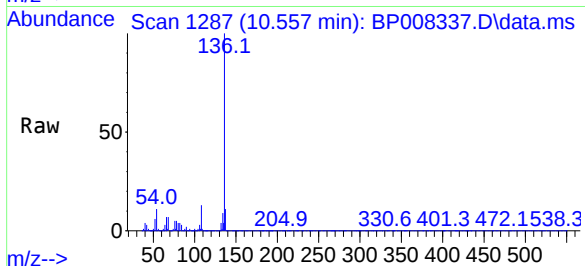
PB141245BS

Tgt Ion:136 Resp: 23941  
Ion Ratio Lower Upper  
136 100  
137 11.2 9.0 13.6  
54 11.0 8.2 12.4  
68 7.3 5.8 8.8

Manual Integrations

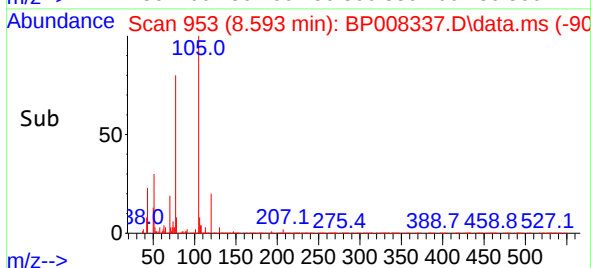
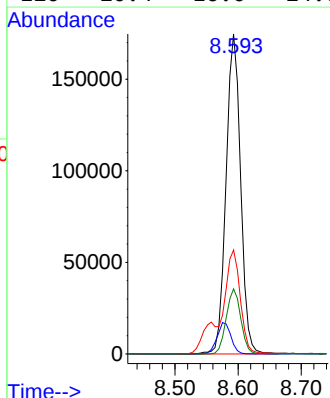
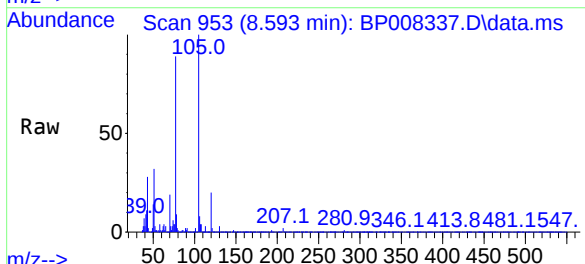
APPROVED

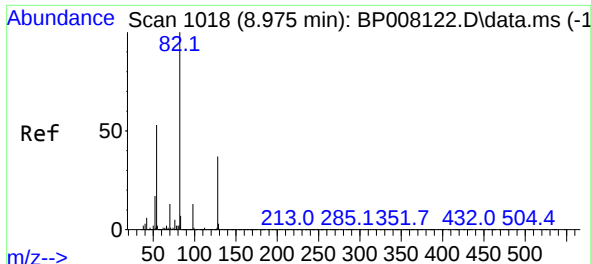
Reviewed By :Christian Giraldo 12/11/2021  
Supervised By :Jagrut Upadhyay 12/13/2021



#22  
Acetophenone  
Concen: 42.628 ng  
RT: 8.593 min Scan# 953  
Delta R.T. 0.000 min  
Lab File: BP008337.D  
Acq: 10 Dec 2021 12:45

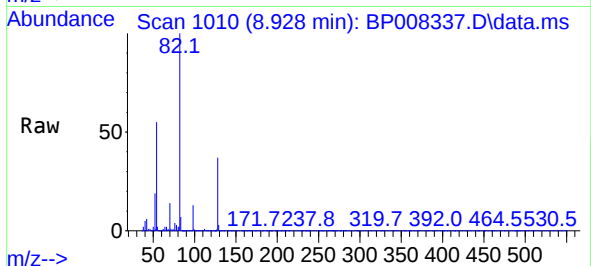
Tgt Ion:105 Resp: 279158  
Ion Ratio Lower Upper  
105 100  
71 3.0 4.0 6.0#  
51 32.5 23.8 35.6  
120 20.4 16.0 24.0





#23  
Nitrobenzene-d5  
Concen: 85.364 ng  
RT: 8.928 min Scan# 1010  
Delta R.T. 0.000 min  
Lab File: BP008337.D  
Acq: 10 Dec 2021 12:45

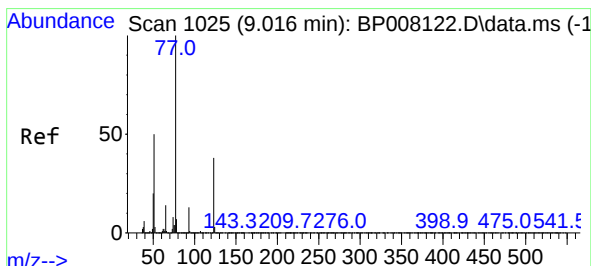
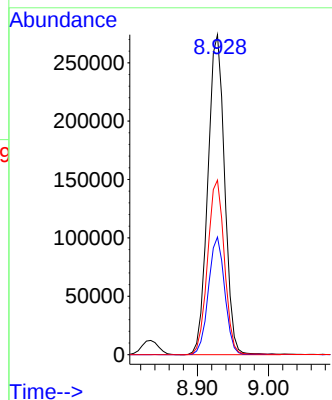
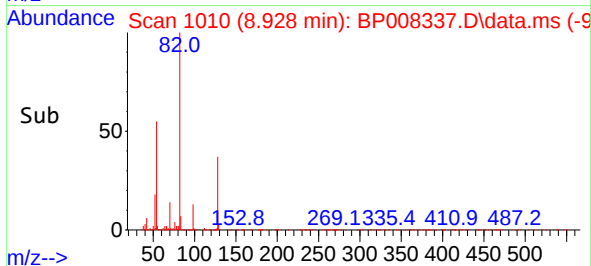
Instrument :  
BNA\_P  
ClientSampleId :  
PB141245BS



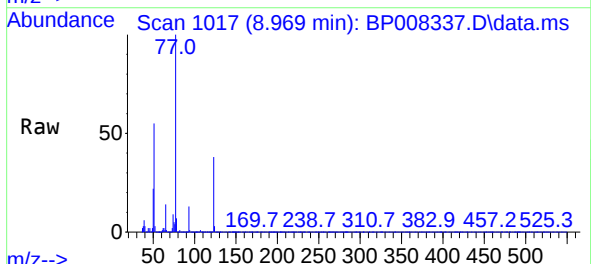
Tgt Ion: 82 Resp: 449439  
Ion Ratio Lower Upper  
82 100  
128 36.8 29.6 44.4  
54 54.6 42.7 64.1

Manual Integrations  
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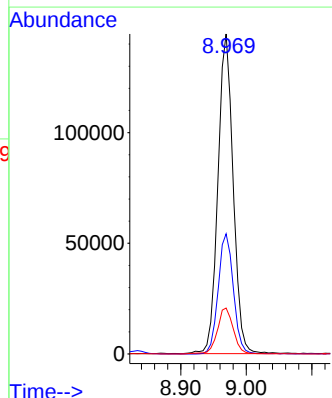
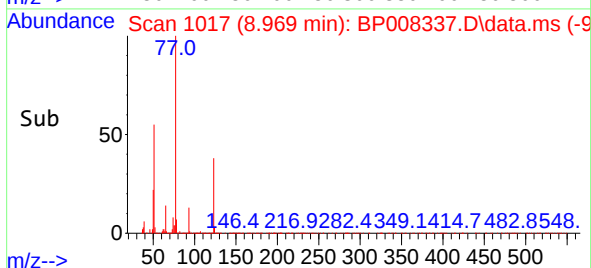
Reviewed By :Christian Giraldo 12/11/2021  
Supervised By :Jagrut Upadhyay 12/13/2021

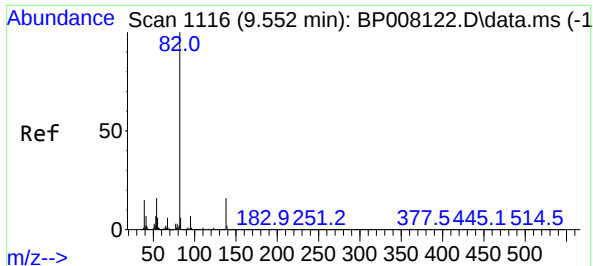


#24  
Nitrobenzene  
Concen: 45.483 ng  
RT: 8.969 min Scan# 1017  
Delta R.T. 0.000 min  
Lab File: BP008337.D  
Acq: 10 Dec 2021 12:45



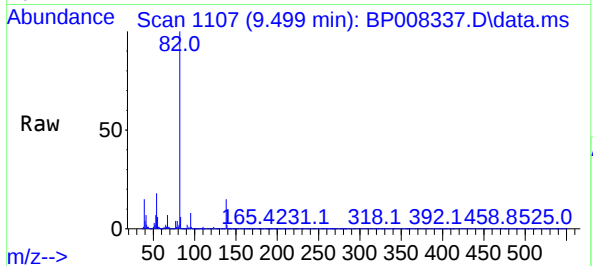
Tgt Ion: 77 Resp: 232229  
Ion Ratio Lower Upper  
77 100  
123 37.5 30.4 45.6  
65 14.4 11.3 16.9





#25  
Isophorone  
Concen: 43.785 ng  
RT: 9.499 min Scan# 1116  
Delta R.T. 0.000 min  
Lab File: BP008337.D  
Acq: 10 Dec 2021 12:45

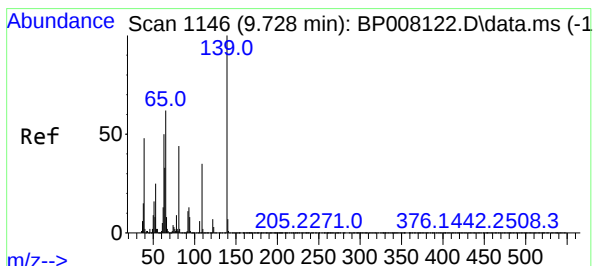
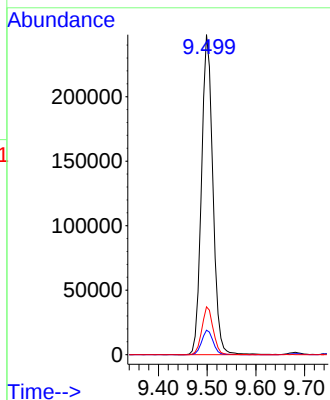
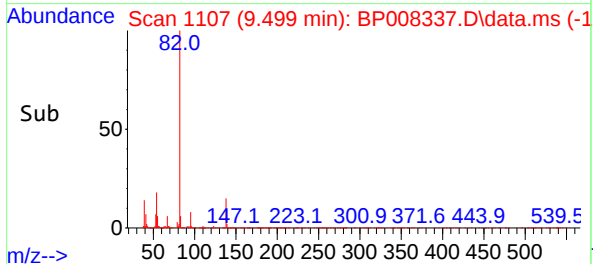
Instrument :  
BNA\_P  
ClientSampleId :  
PB141245BS



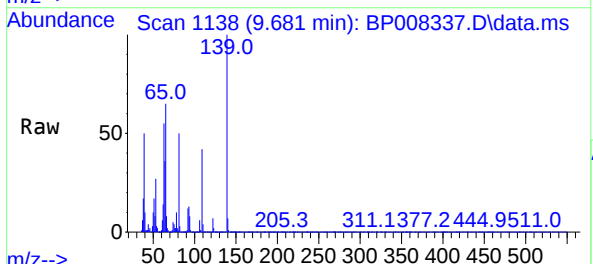
Tgt Ion: 82 Resp: 40331  
Ion Ratio Lower Upper  
82 100  
95 7.6 5.9 8.9  
138 14.9 12.7 19.1

Manual Integrations  
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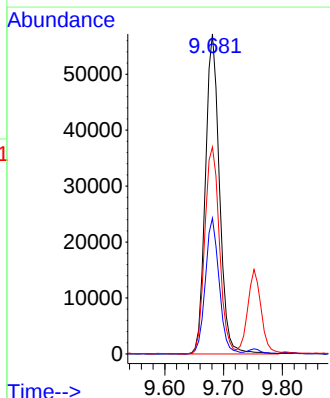
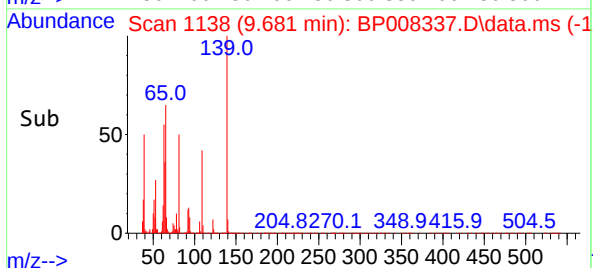
Reviewed By :Christian Giraldo 12/11/2021  
Supervised By :Jagrut Upadhyay 12/13/2021

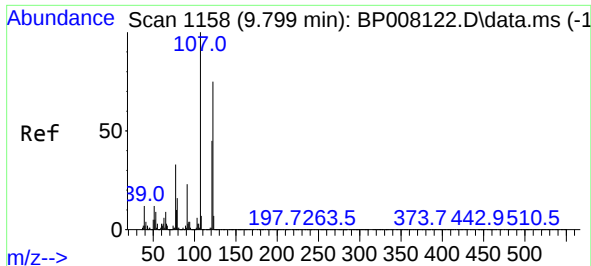


#26  
2-Nitrophenol  
Concen: 43.173 ng  
RT: 9.681 min Scan# 1138  
Delta R.T. 0.000 min  
Lab File: BP008337.D  
Acq: 10 Dec 2021 12:45



Tgt Ion:139 Resp: 95109  
Ion Ratio Lower Upper  
139 100  
109 42.5 28.3 42.5  
65 64.7 49.7 74.5





#27

2,4-Dimethylphenol

Concen: 50.583 ng

RT: 9.752 min Scan# 1158

Delta R.T. 0.000 min

Lab File: BP008337.D

Acq: 10 Dec 2021 12:45

Instrument :

BNA\_P

ClientSampleId :

PB141245BS

Tgt Ion:122 Resp: 166650

Ion Ratio Lower Upper

122 100

107 134.6 106.6 160.0

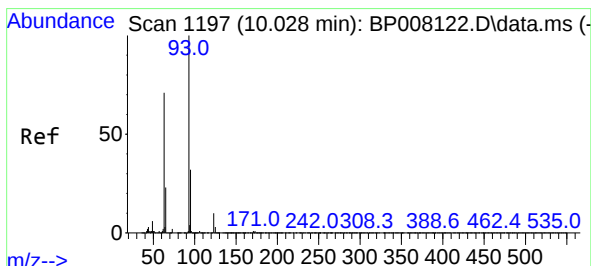
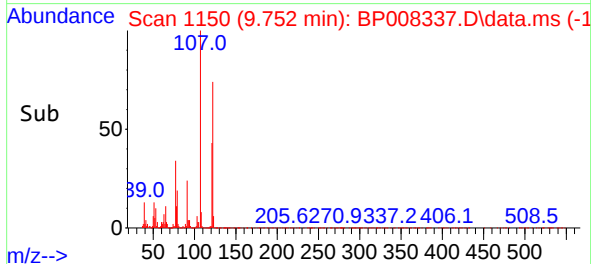
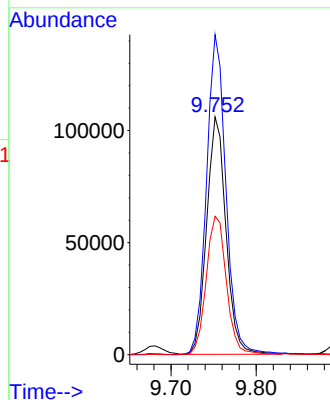
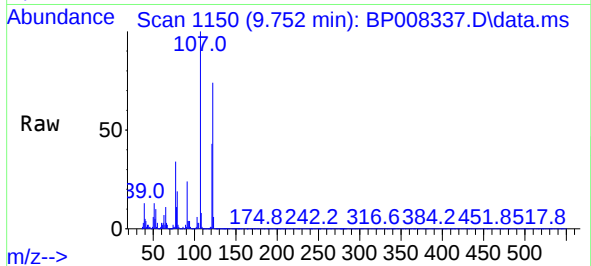
121 58.2 48.1 72.1

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 12/11/2021

Supervised By :Jagrut Upadhyay 12/13/2021



#28

bis(2-Chloroethoxy)methane

Concen: 41.388 ng

RT: 9.981 min Scan# 1189

Delta R.T. 0.006 min

Lab File: BP008337.D

Acq: 10 Dec 2021 12:45

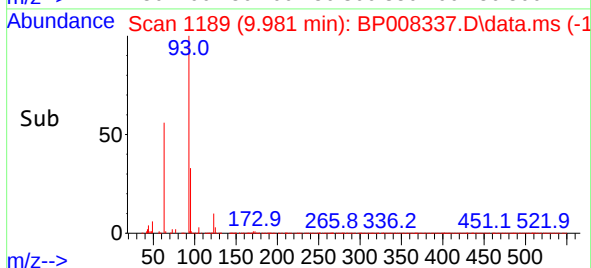
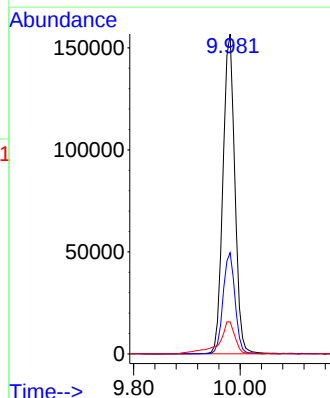
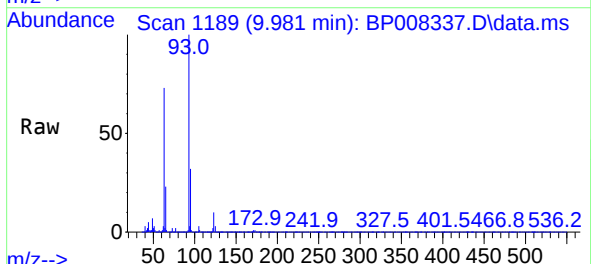
Tgt Ion: 93 Resp: 242968

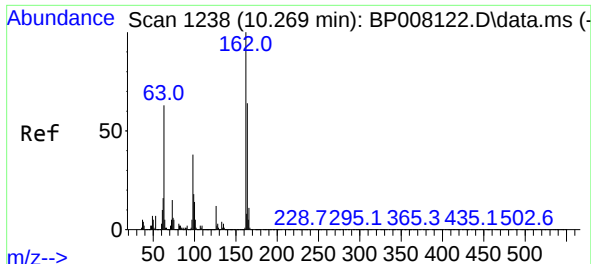
Ion Ratio Lower Upper

93 100

95 31.6 25.4 38.2

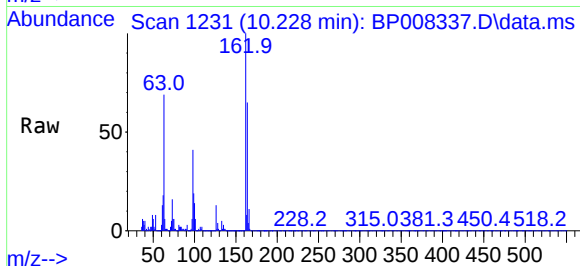
123 10.1 7.8 11.6





#29  
2,4-Dichlorophenol  
Concen: 44.929 ng  
RT: 10.228 min Scan# 1231  
Delta R.T. 0.000 min  
Lab File: BP008337.D  
Acq: 10 Dec 2021 12:45

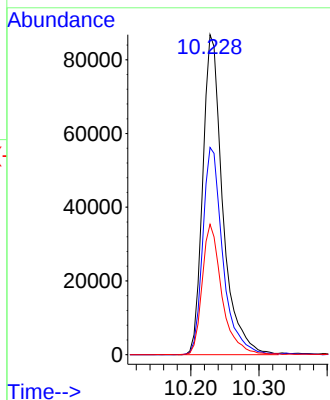
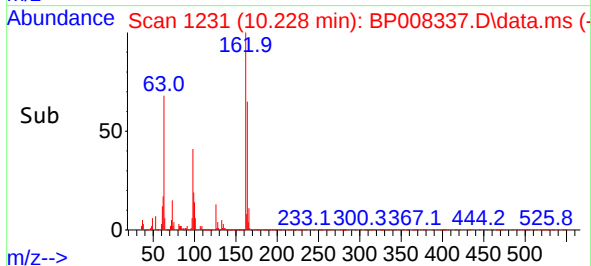
Instrument :  
BNA\_P  
ClientSampleId :  
PB141245BS



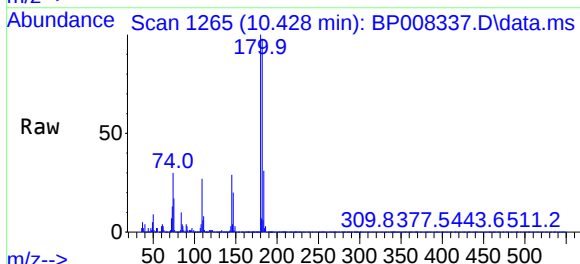
Tgt Ion:162 Resp: 176790  
Ion Ratio Lower Upper  
162 100  
164 64.7 43.9 83.9  
98 40.7 17.9 57.9

Manual Integrations  
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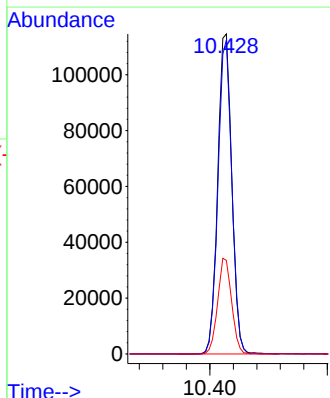
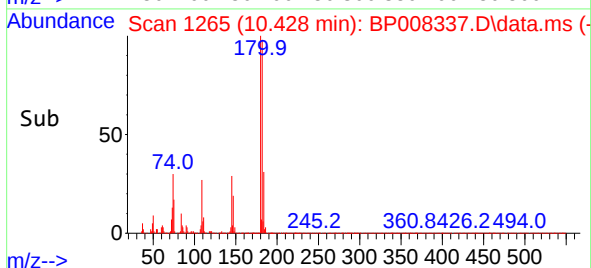
Reviewed By :Christian Giraldo 12/11/2021  
Supervised By :Jagrut Upadhyay 12/13/2021

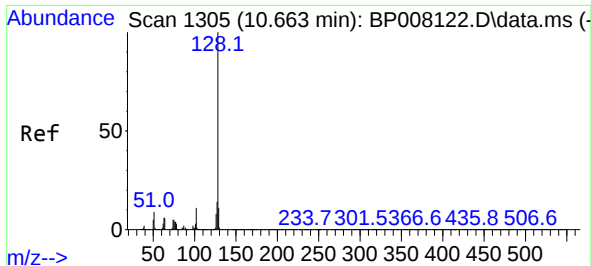


#30  
1,2,4-Trichlorobenzene  
Concen: 41.543 ng  
RT: 10.428 min Scan# 1265  
Delta R.T. 0.006 min  
Lab File: BP008337.D  
Acq: 10 Dec 2021 12:45



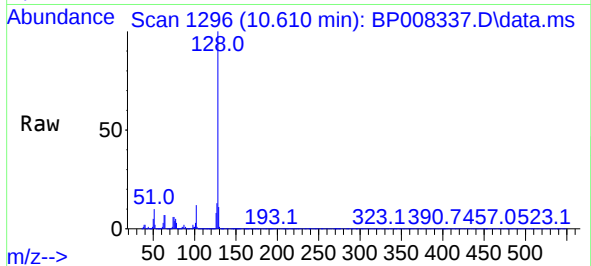
Tgt Ion:180 Resp: 189729  
Ion Ratio Lower Upper  
180 100  
182 98.1 74.8 112.2  
145 29.3 23.2 34.8





#31  
Naphthalene  
Concen: 41.796 ng  
RT: 10.610 min Scan# 1184  
Delta R.T. 0.000 min  
Lab File: BP008337.D  
Acq: 10 Dec 2021 12:45

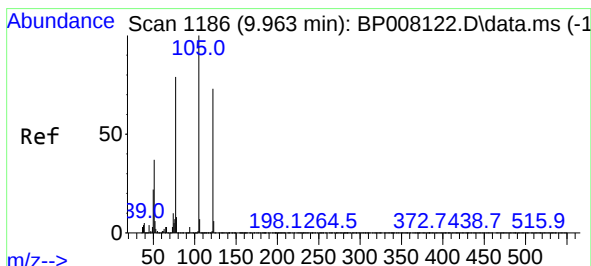
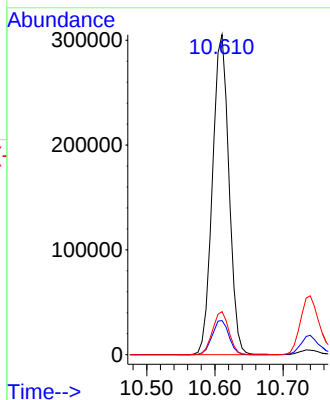
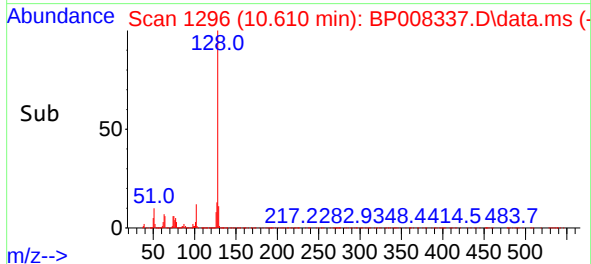
Instrument :  
BNA\_P  
ClientSampleId :  
PB141245BS



Tgt Ion:128 Resp: 512609  
Ion Ratio Lower Upper  
128 100  
129 10.7 8.5 12.7  
127 13.5 10.9 16.3

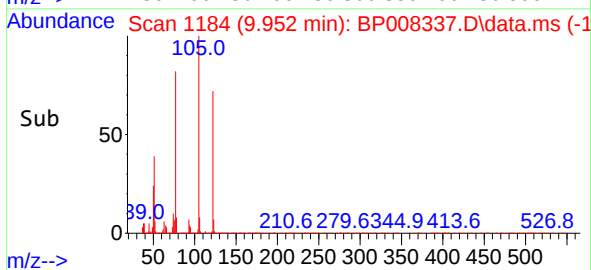
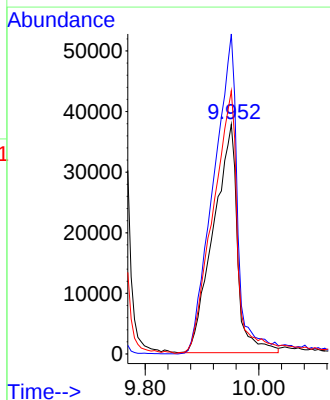
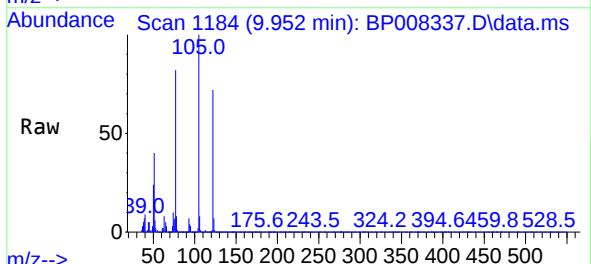
Manual Integrations  
APPROVED

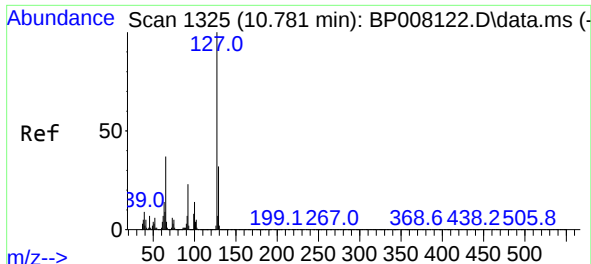
Reviewed By :Christian Giraldo 12/11/2021  
Supervised By :Jagrut Upadhyay 12/13/2021



#32  
Benzoic acid  
Concen: 41.207 ng  
RT: 9.952 min Scan# 1184  
Delta R.T. 0.000 min  
Lab File: BP008337.D  
Acq: 10 Dec 2021 12:45

Tgt Ion:122 Resp: 111052  
Ion Ratio Lower Upper  
122 100  
105 139.3 117.4 157.4  
77 114.6 89.2 129.2





#33  
4-Chloroaniline  
Concen: 22.427 ng  
RT: 10.740 min Scan# 11  
Delta R.T. 0.006 min  
Lab File: BP008337.D  
Acq: 10 Dec 2021 12:45

Instrument :

BNA\_P

ClientSampleId :

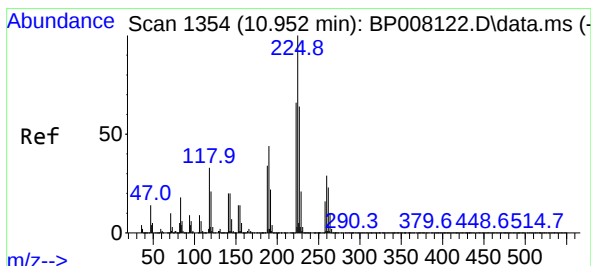
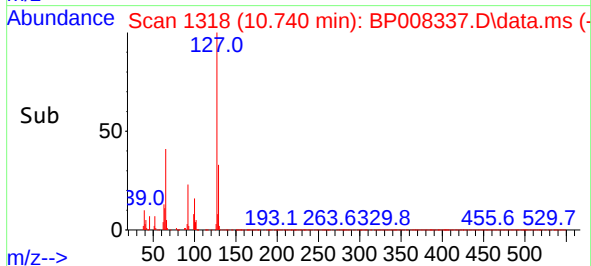
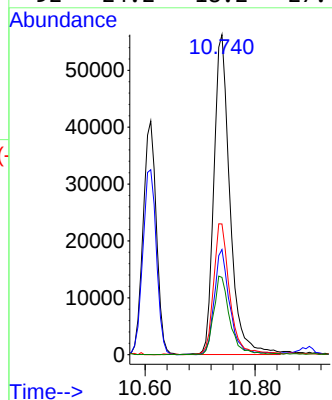
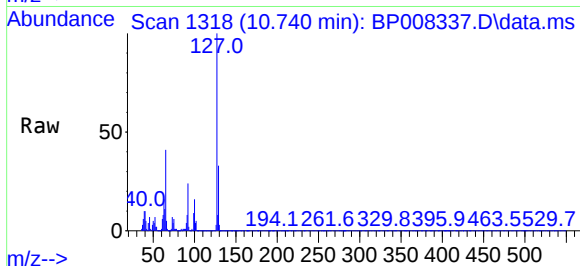
PB141245BS

Tgt Ion:127 Resp: 11411  
Ion Ratio Lower Upper  
127 100  
129 32.8 25.4 38.2  
65 40.8 29.5 44.3  
92 24.2 18.2 27.4

Manual Integrations

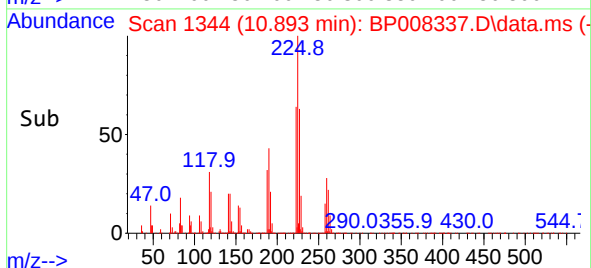
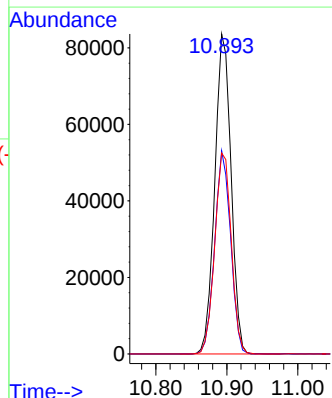
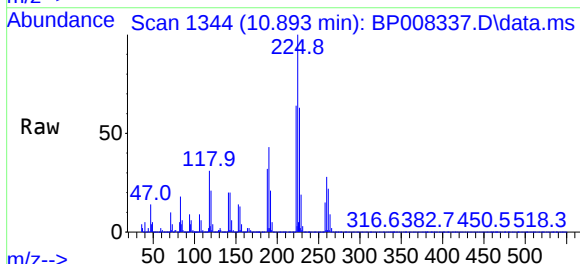
APPROVED

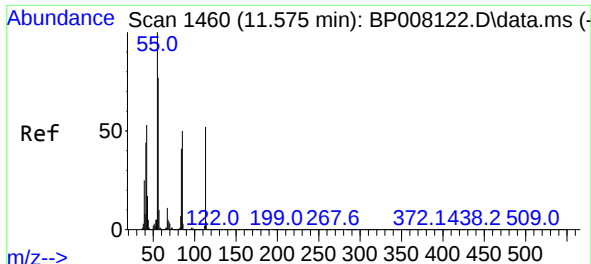
Reviewed By :Christian Giraldo 12/11/2021  
Supervised By :Jagrut Upadhyay 12/13/2021



#34  
Hexachlorobutadiene  
Concen: 42.419 ng  
RT: 10.893 min Scan# 1344  
Delta R.T. 0.000 min  
Lab File: BP008337.D  
Acq: 10 Dec 2021 12:45

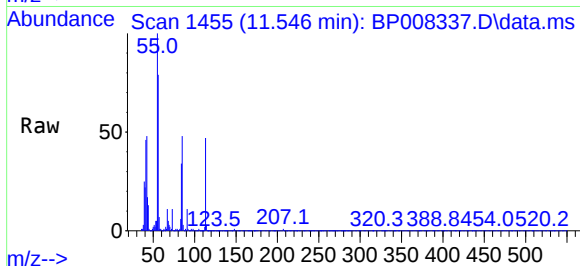
Tgt Ion:225 Resp: 132578  
Ion Ratio Lower Upper  
225 100  
223 63.5 52.5 78.7  
227 62.8 51.0 76.6





#35  
Caprolactam  
Concen: 65.381 ng m  
RT: 11.546 min Scan# 1460  
Delta R.T. 0.006 min  
Lab File: BP008337.D  
Acq: 10 Dec 2021 12:45

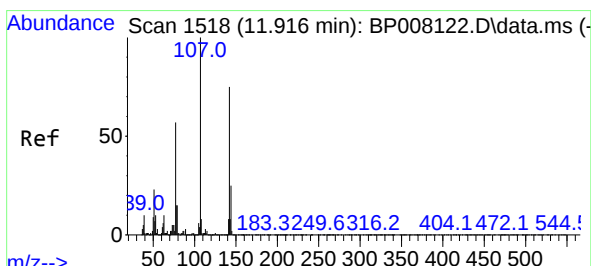
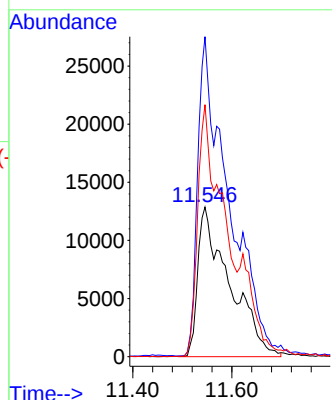
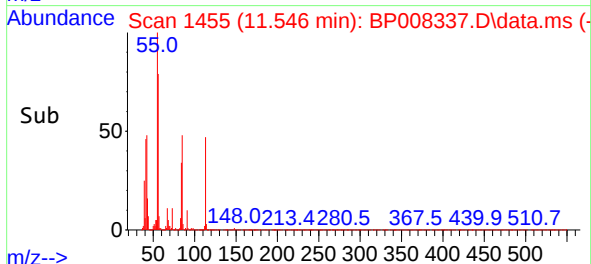
Instrument :  
BNA\_P  
ClientSampleId :  
PB141245BS



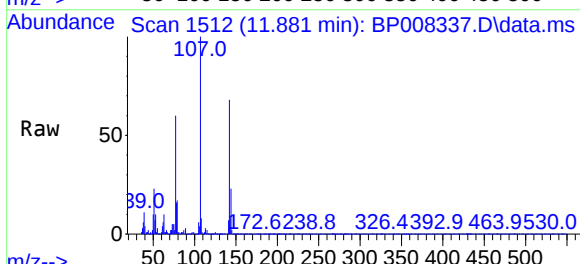
Tgt Ion:113 Resp: 5714  
Ion Ratio Lower Upper  
113 100  
55 214.0 174.2 214.2  
56 168.5 130.3 170.3

Manual Integrations  
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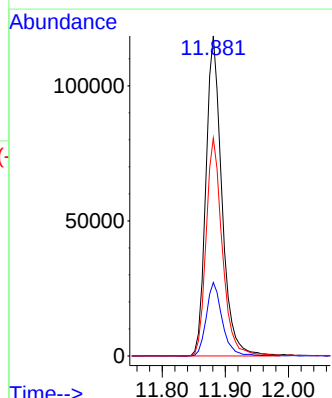
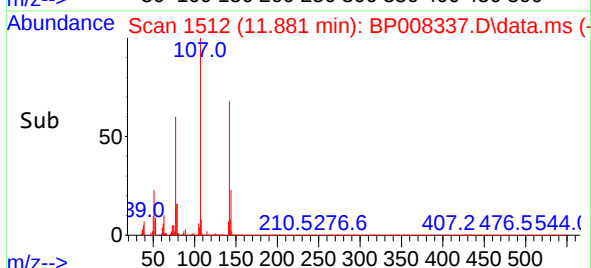
Reviewed By :Christian Giraldo 12/11/2021  
Supervised By :Jagrut Upadhyay 12/13/2021

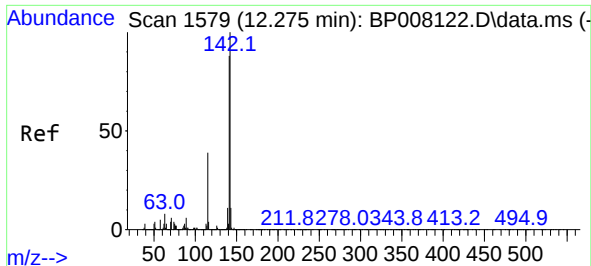


#36  
4-Chloro-3-methylphenol  
Concen: 46.364 ng  
RT: 11.881 min Scan# 1512  
Delta R.T. 0.006 min  
Lab File: BP008337.D  
Acq: 10 Dec 2021 12:45



Tgt Ion:107 Resp: 208553  
Ion Ratio Lower Upper  
107 100  
144 23.0 19.7 29.5  
142 68.1 59.6 89.4





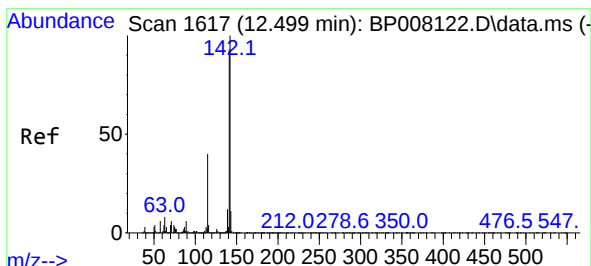
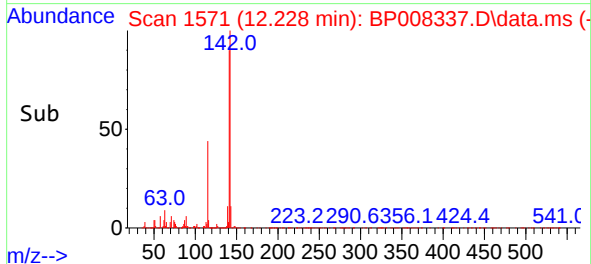
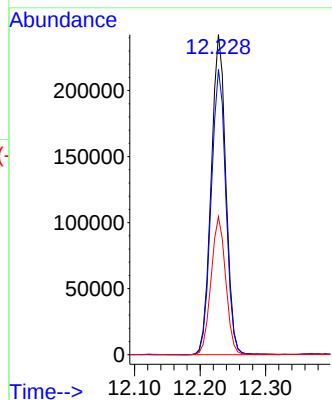
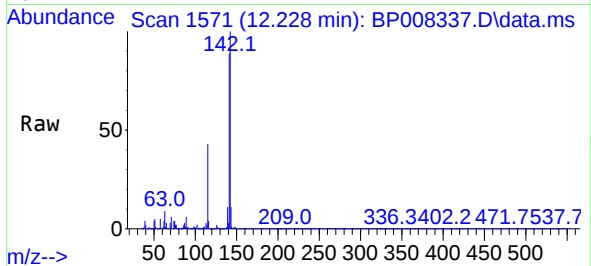
#37  
2-Methylnaphthalene  
Concen: 43.416 ng  
RT: 12.228 min Scan# 11  
Delta R.T. 0.000 min  
Lab File: BP008337.D  
Acq: 10 Dec 2021 12:45

Instrument :  
BNA\_P  
ClientSampleId :  
PB141245BS

Tgt Ion:142 Resp: 37660  
Ion Ratio Lower Upper  
142 100  
141 89.1 70.7 106.1  
115 43.1 30.9 46.3

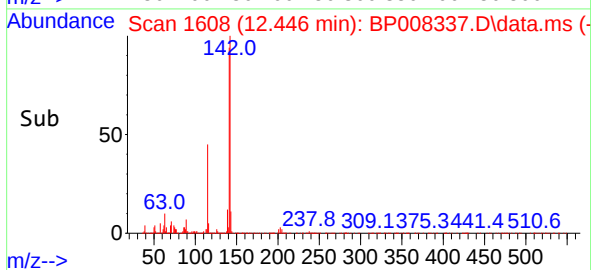
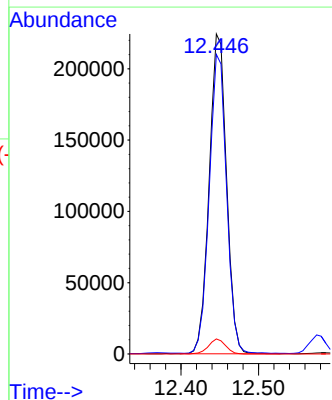
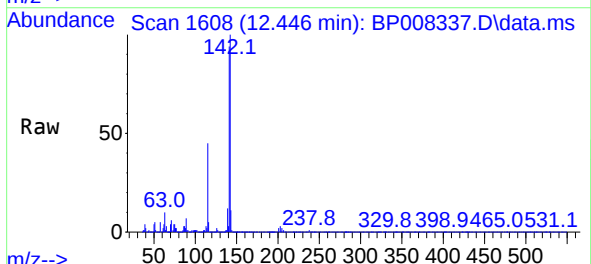
Manual Integrations  
APPROVED

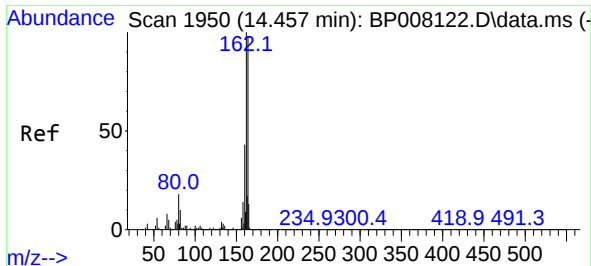
Reviewed By :Christian Giraldo 12/11/2021  
Supervised By :Jagrut Upadhyay 12/13/2021



#38  
1-Methylnaphthalene  
Concen: 41.233 ng  
RT: 12.446 min Scan# 1608  
Delta R.T. 0.000 min  
Lab File: BP008337.D  
Acq: 10 Dec 2021 12:45

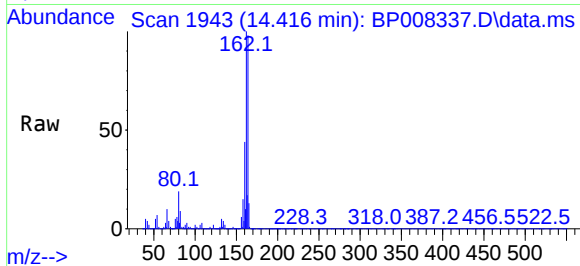
Tgt Ion:142 Resp: 348147  
Ion Ratio Lower Upper  
142 100  
141 93.6 74.2 111.4  
116 4.7 3.4 5.2





#39  
Acenaphthene-d10  
Concen: 20.000 ng  
RT: 14.416 min Scan# 1950  
Delta R.T. 0.000 min  
Lab File: BP008337.D  
Acq: 10 Dec 2021 12:45

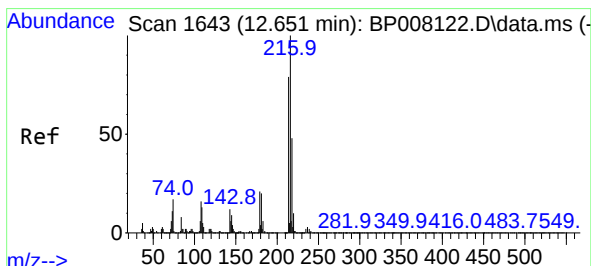
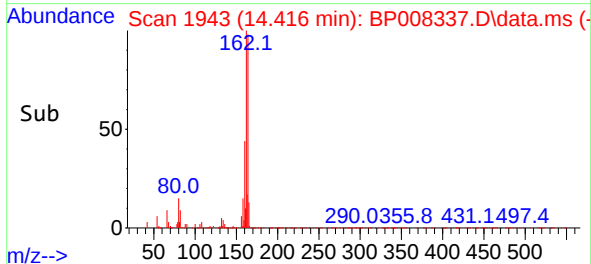
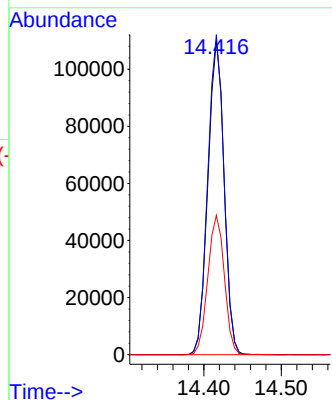
Instrument :  
BNA\_P  
ClientSampleId :  
PB141245BS



Tgt Ion:164 Resp: 15911  
Ion Ratio Lower Upper  
164 100  
162 102.0 81.9 122.9  
160 44.4 35.4 53.0

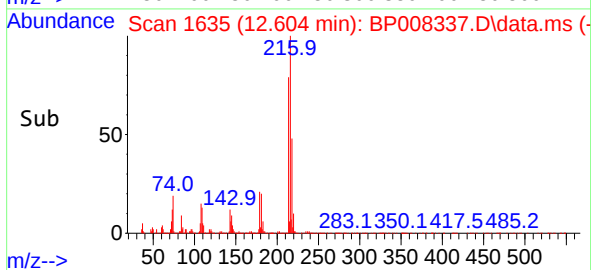
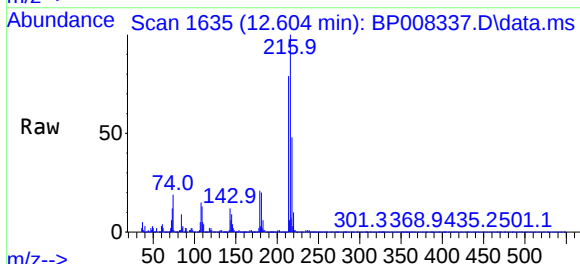
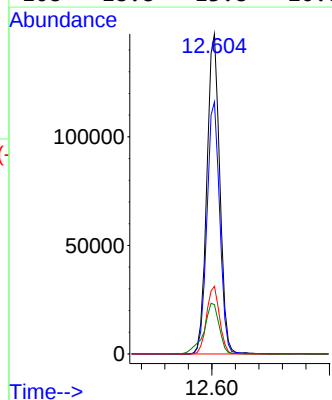
Manual Integrations  
APPROVED

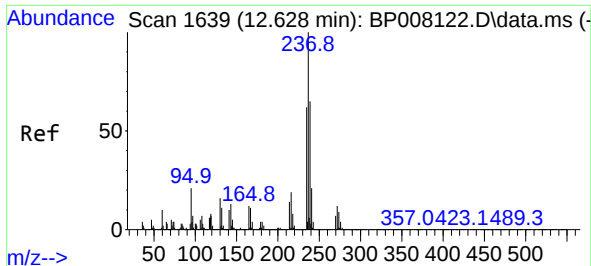
Reviewed By :Christian Giraldo 12/11/2021  
Supervised By :Jagrut Upadhyay 12/13/2021



#40  
1,2,4,5-Tetrachlorobenzene  
Concen: 43.318 ng  
RT: 12.604 min Scan# 1635  
Delta R.T. 0.000 min  
Lab File: BP008337.D  
Acq: 10 Dec 2021 12:45

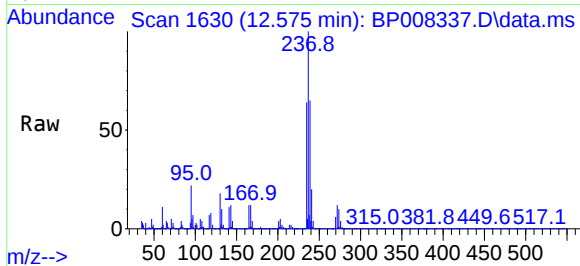
Tgt Ion:216 Resp: 223891  
Ion Ratio Lower Upper  
216 100  
214 78.4 62.5 93.7  
179 21.3 16.4 24.6  
108 18.8 13.8 20.8





#41  
Hexachlorocyclopentadiene  
Concen: 90.620 ng  
RT: 12.575 min Scan# 10  
Delta R.T. 0.000 min  
Lab File: BP008337.D  
Acq: 10 Dec 2021 12:45

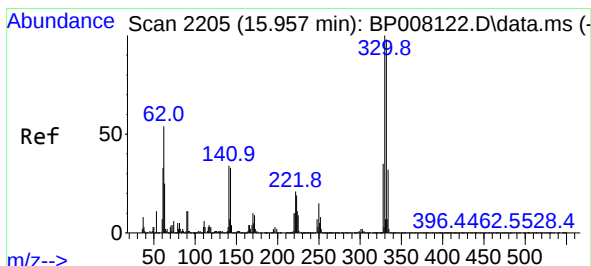
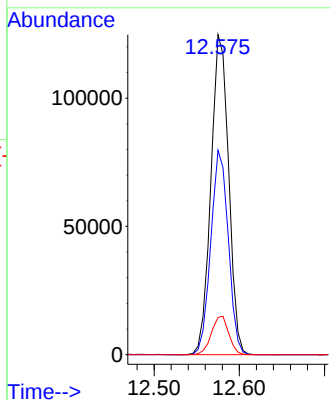
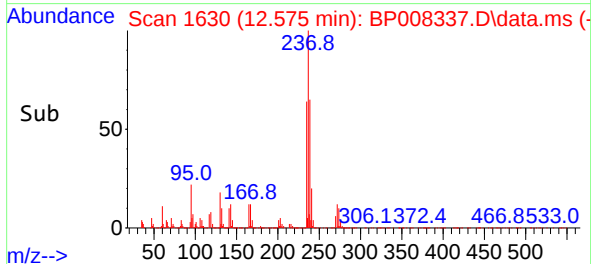
Instrument :  
BNA\_P  
ClientSampleId :  
PB141245BS



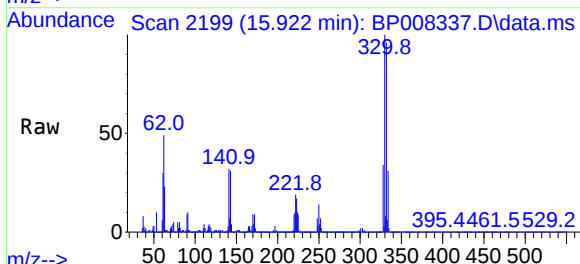
Tgt Ion: 237 Resp: 180072  
Ion Ratio Lower Upper  
237 100  
235 63.8 42.3 82.3  
272 11.6 0.0 32.2

Manual Integrations  
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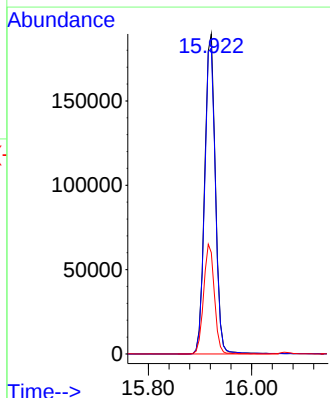
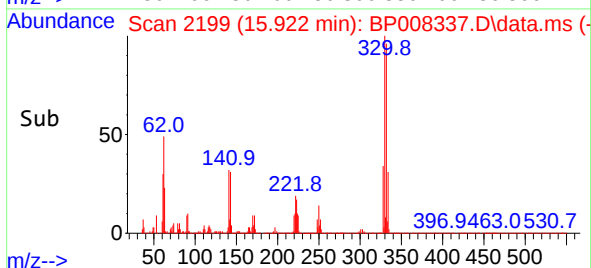
Reviewed By : Christian Giraldo 12/11/2021  
Supervised By : Jagrut Upadhyay 12/13/2021

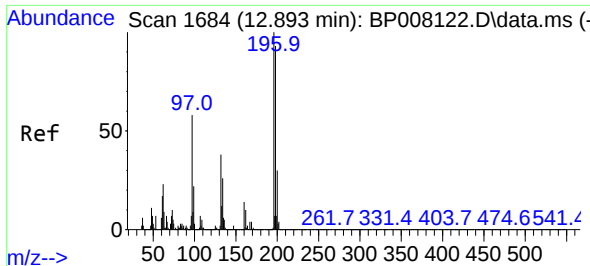


#42  
2,4,6-Tribromophenol  
Concen: 133.939 ng  
RT: 15.922 min Scan# 2199  
Delta R.T. 0.006 min  
Lab File: BP008337.D  
Acq: 10 Dec 2021 12:45



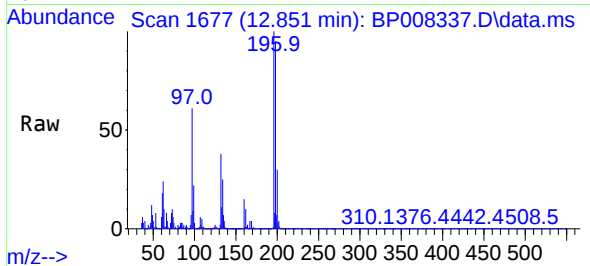
Tgt Ion: 330 Resp: 272397  
Ion Ratio Lower Upper  
330 100  
332 97.3 77.0 115.4  
141 34.6 28.4 42.6





#43  
2,4,6-Trichlorophenol  
Concen: 42.554 ng  
RT: 12.851 min Scan# 1677  
Delta R.T. 0.000 min  
Lab File: BP008337.D  
Acq: 10 Dec 2021 12:45

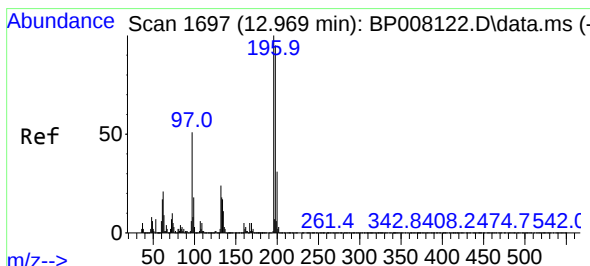
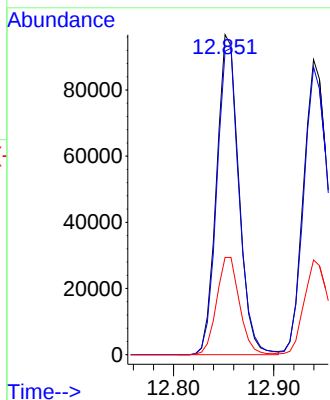
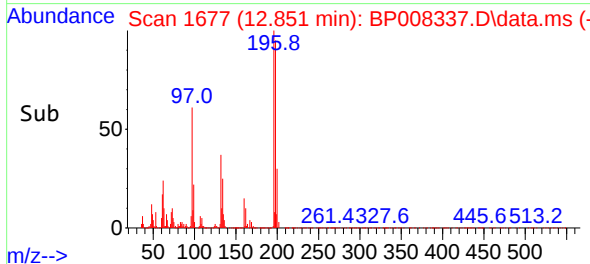
Instrument :  
BNA\_P  
ClientSampleId :  
PB141245BS



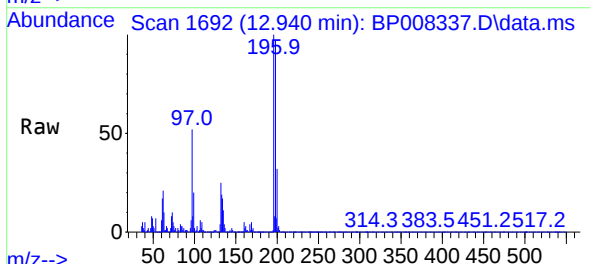
Tgt Ion:196 Resp: 149010  
Ion Ratio Lower Upper  
196 100  
198 94.8 74.8 112.2  
200 30.4 24.3 36.5

Manual Integrations  
APPROVED

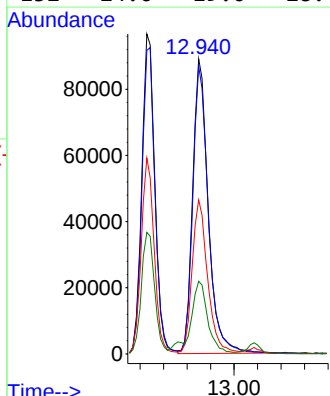
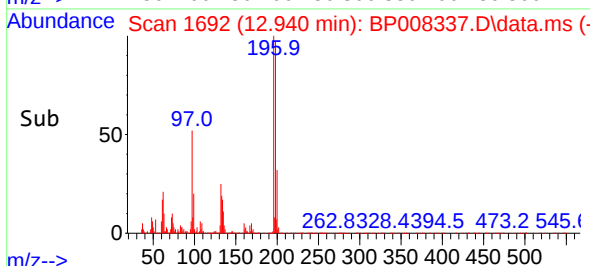
Reviewed By :Christian Giraldo 12/11/2021  
Supervised By :Jagrut Upadhyay 12/13/2021



#44  
2,4,5-Trichlorophenol  
Concen: 43.754 ng  
RT: 12.940 min Scan# 1692  
Delta R.T. 0.000 min  
Lab File: BP008337.D  
Acq: 10 Dec 2021 12:45



Tgt Ion:196 Resp: 164181  
Ion Ratio Lower Upper  
196 100  
198 97.5 76.2 114.4  
97 52.2 40.8 61.2  
132 24.6 19.0 28.4





#45  
2-Fluorobiphenyl  
Concen: 83.603 ng  
RT: 13.034 min Scan# 1716  
Delta R.T. 0.000 min  
Lab File: BP008337.D  
Acq: 10 Dec 2021 12:45

Instrument :

BNA\_P

ClientSampleId :

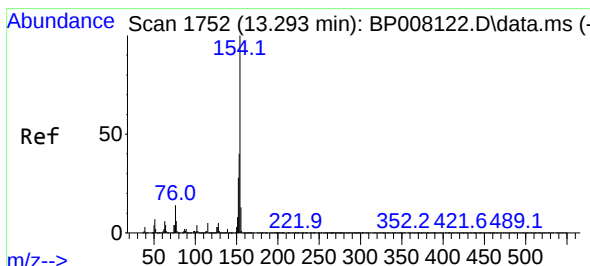
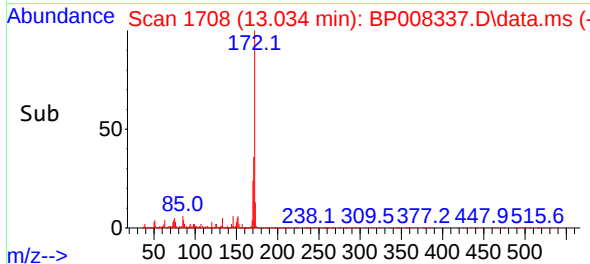
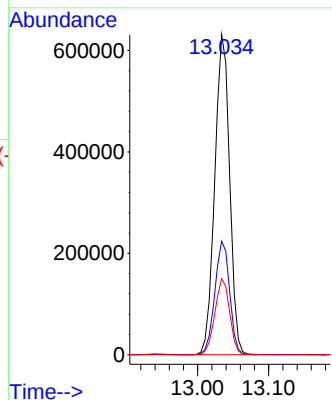
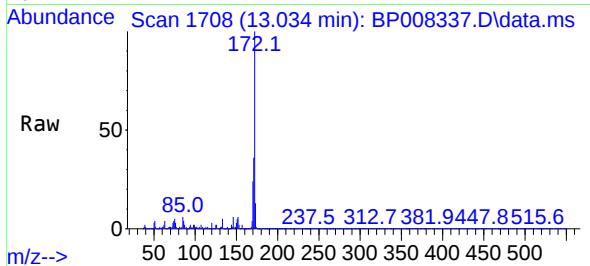
PB141245BS

Tgt Ion:172 Resp: 91580  
Ion Ratio Lower Upper  
172 100  
171 35.5 28.0 42.0  
170 23.8 18.9 28.3

Manual Integrations

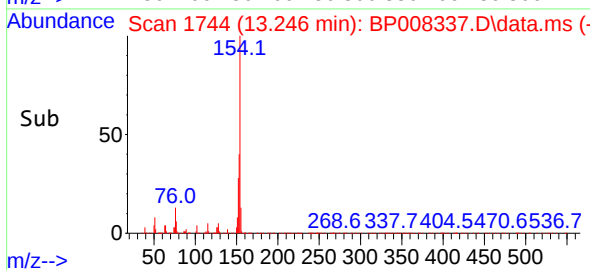
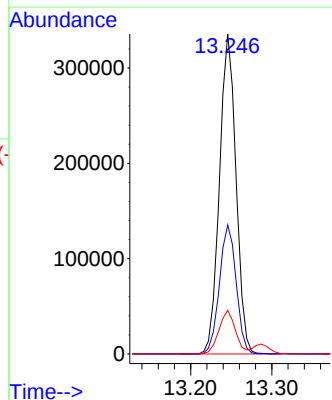
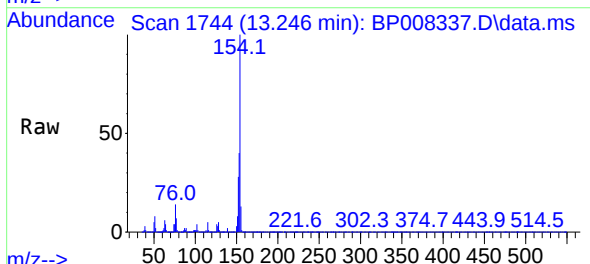
APPROVED

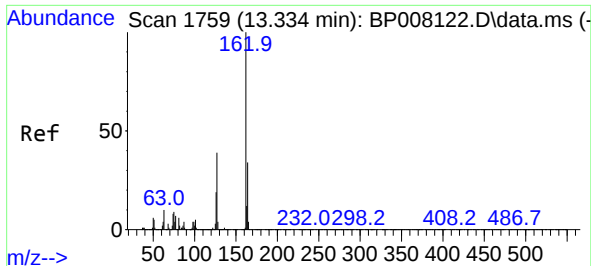
Reviewed By :Christian Giraldo 12/11/2021  
Supervised By :Jagrut Upadhyay 12/13/2021



#46  
1,1'-Biphenyl  
Concen: 41.258 ng  
RT: 13.246 min Scan# 1744  
Delta R.T. 0.000 min  
Lab File: BP008337.D  
Acq: 10 Dec 2021 12:45

Tgt Ion:154 Resp: 476301  
Ion Ratio Lower Upper  
154 100  
153 40.3 19.7 59.7  
76 13.7 0.0 33.7





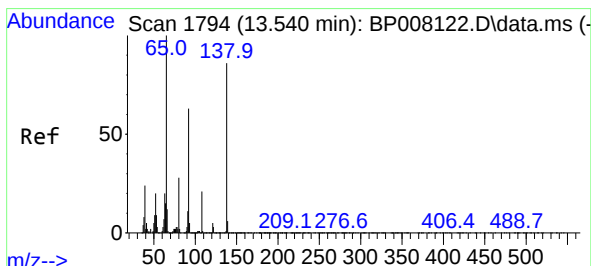
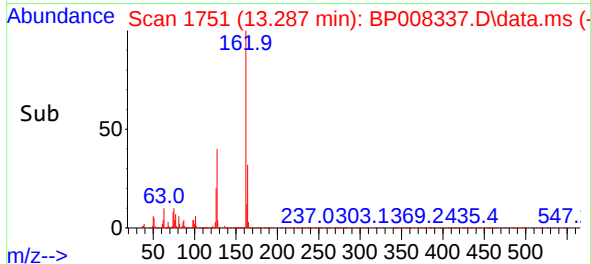
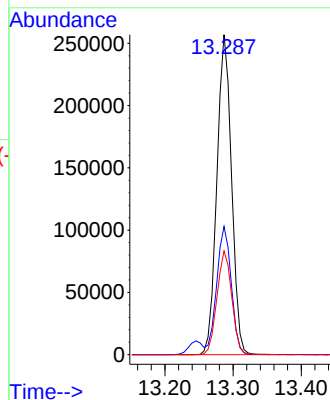
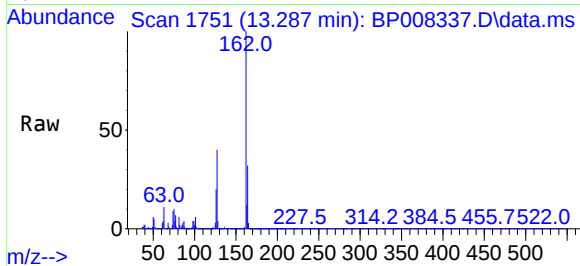
#47  
2-Chloronaphthalene  
Concen: 42.159 ng  
RT: 13.287 min Scan# 1751  
Delta R.T. 0.000 min  
Lab File: BP008337.D  
Acq: 10 Dec 2021 12:45

Instrument :  
BNA\_P  
ClientSampleId :  
PB141245BS

Tgt Ion:162 Resp: 38435  
Ion Ratio Lower Upper  
162 100  
127 40.1 31.3 46.9  
164 32.4 26.9 40.3

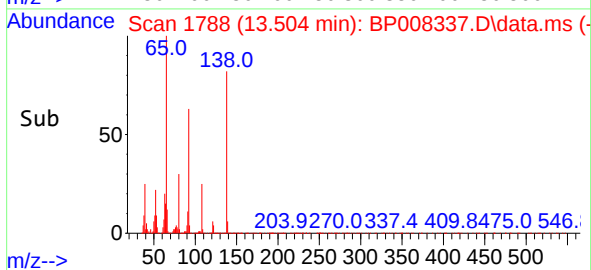
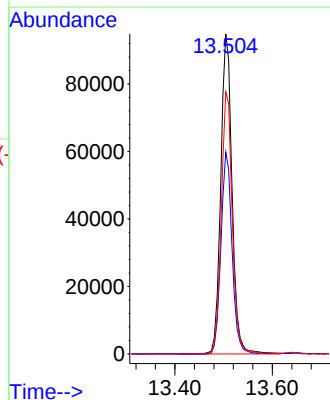
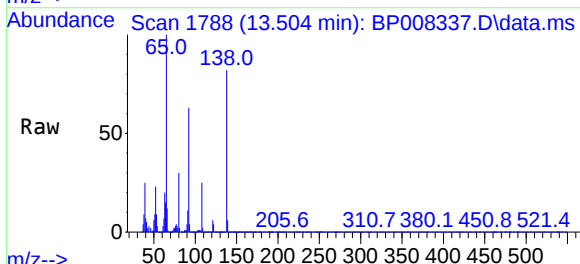
Manual Integrations  
APPROVED

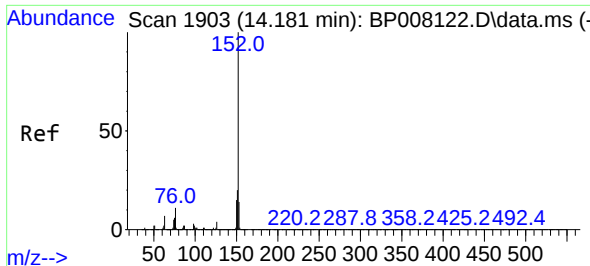
Reviewed By :Christian Giraldo 12/11/2021  
Supervised By :Jagrut Upadhyay 12/13/2021



#48  
2-Nitroaniline  
Concen: 48.667 ng  
RT: 13.504 min Scan# 1788  
Delta R.T. 0.000 min  
Lab File: BP008337.D  
Acq: 10 Dec 2021 12:45

Tgt Ion: 65 Resp: 152893  
Ion Ratio Lower Upper  
65 100  
92 63.1 50.6 75.8  
138 81.9 68.7 103.1





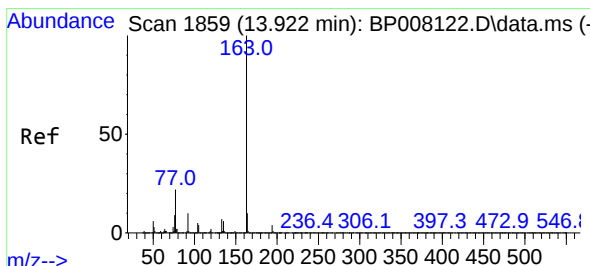
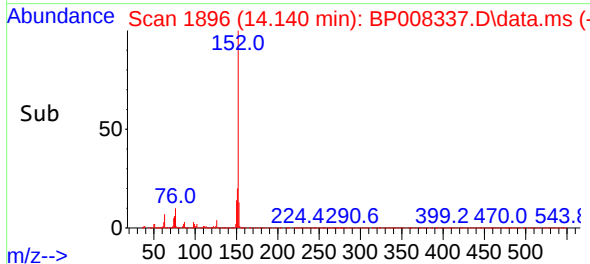
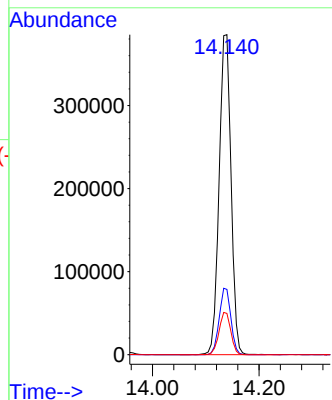
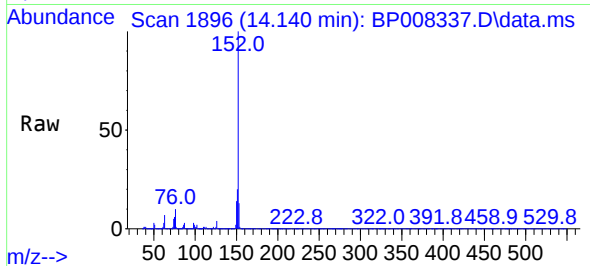
#49  
Acenaphthylene  
Concen: 42.385 ng  
RT: 14.140 min Scan# 1896  
Delta R.T. 0.006 min  
Lab File: BP008337.D  
Acq: 10 Dec 2021 12:45

Instrument :  
BNA\_P  
ClientSampleId :  
PB141245BS

Tgt Ion:152 Resp: 596130  
Ion Ratio Lower Upper  
152 100  
151 20.4 16.2 24.4  
153 12.9 10.9 16.3

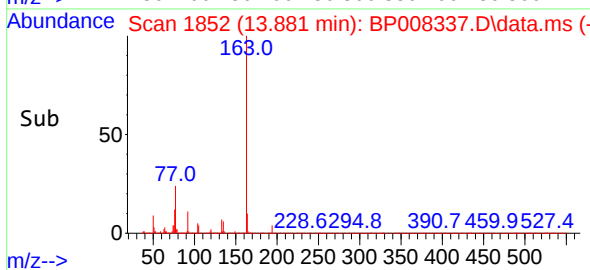
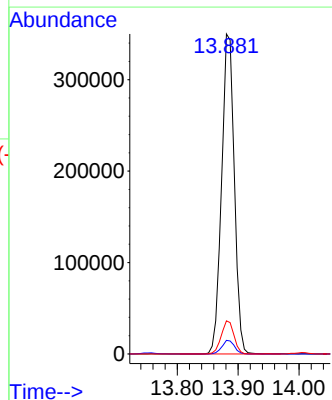
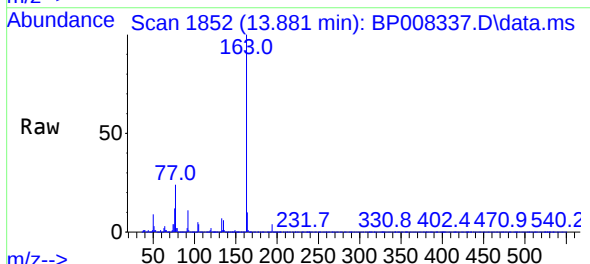
Manual Integrations  
APPROVED

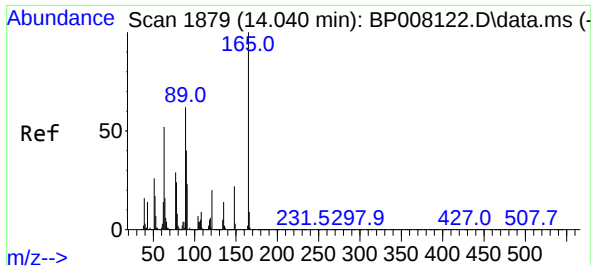
Reviewed By :Christian Giraldo 12/11/2021  
Supervised By :Jagrut Upadhyay 12/13/2021



#50  
Dimethylphthalate  
Concen: 42.466 ng  
RT: 13.881 min Scan# 1852  
Delta R.T. -0.006 min  
Lab File: BP008337.D  
Acq: 10 Dec 2021 12:45

Tgt Ion:163 Resp: 507394  
Ion Ratio Lower Upper  
163 100  
194 4.3 3.4 5.2  
164 10.3 8.2 12.2





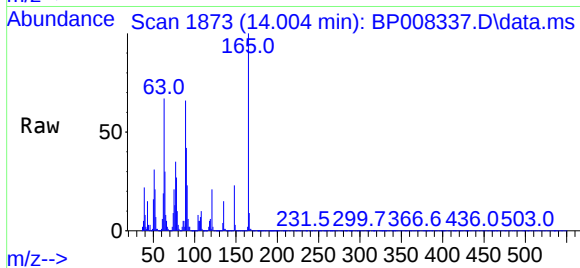
#51  
2,6-Dinitrotoluene  
Concen: 45.277 ng  
RT: 14.004 min Scan# 1879  
Delta R.T. 0.000 min  
Lab File: BP008337.D  
Acq: 10 Dec 2021 12:45

Instrument :

BNA\_P

ClientSampleId :

PB141245BS

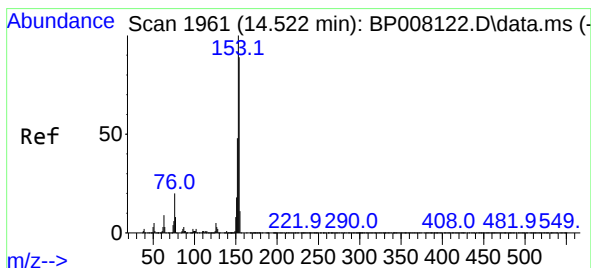
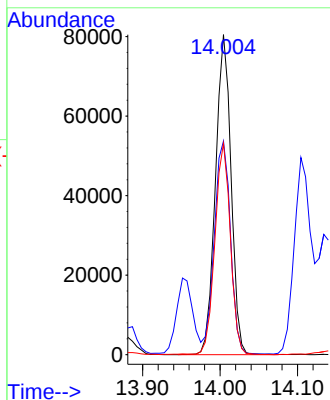
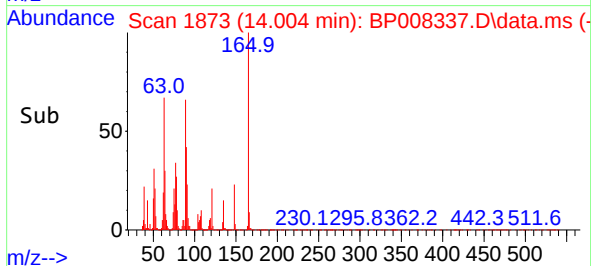


Tgt Ion:165 Resp: 112274  
Ion Ratio Lower Upper  
165 100  
63 66.7 50.8 76.2  
89 66.1 50.0 75.0

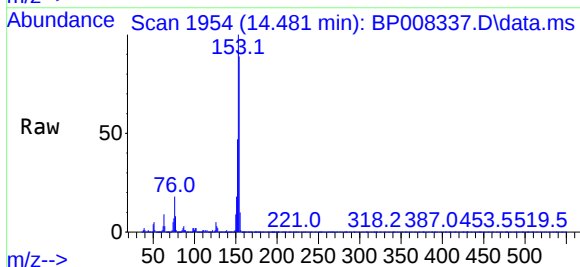
Manual Integrations

APPROVED

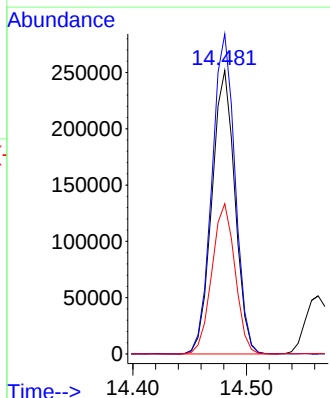
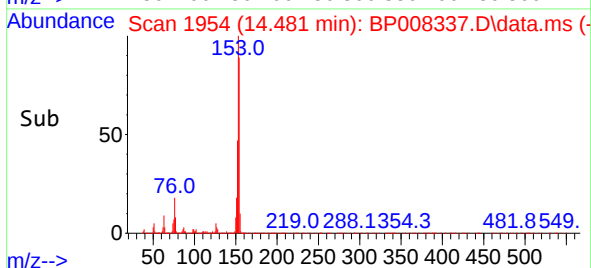
Reviewed By :Christian Giraldo 12/11/2021  
Supervised By :Jagrut Upadhyay 12/13/2021

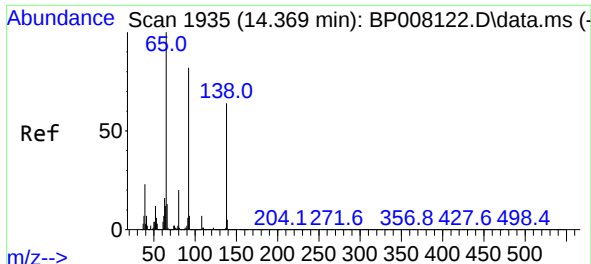


#52  
Acenaphthene  
Concen: 42.303 ng  
RT: 14.481 min Scan# 1954  
Delta R.T. 0.000 min  
Lab File: BP008337.D  
Acq: 10 Dec 2021 12:45



Tgt Ion:154 Resp: 354575  
Ion Ratio Lower Upper  
154 100  
153 112.9 90.3 135.5  
152 53.0 43.3 64.9





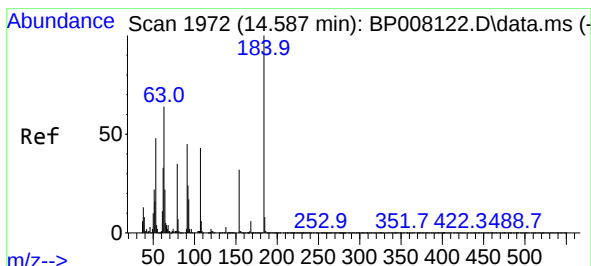
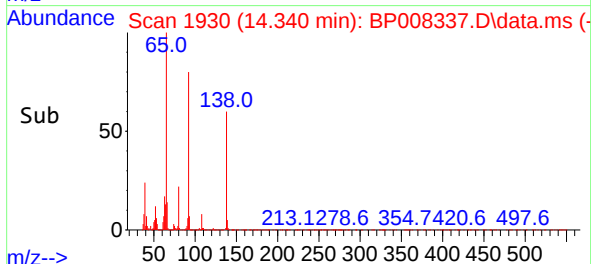
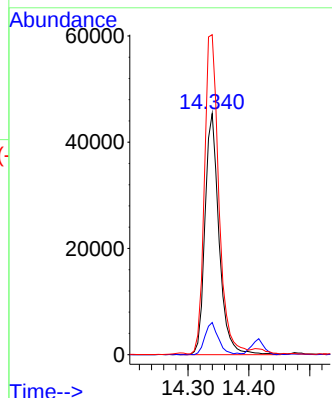
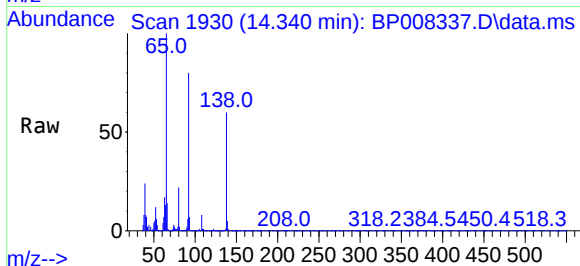
#53  
3-Nitroaniline  
Concen: 29.009 ng  
RT: 14.340 min Scan# 1930  
Delta R.T. 0.000 min  
Lab File: BP008337.D  
Acq: 10 Dec 2021 12:45

Instrument :  
BNA\_P  
ClientSampleId :  
PB141245BS

Tgt Ion:138 Resp: 7290  
Ion Ratio Lower Upper  
138 100  
108 13.4 9.2 13.8  
92 132.7 102.9 154.3

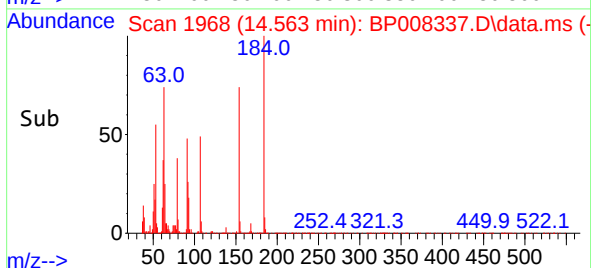
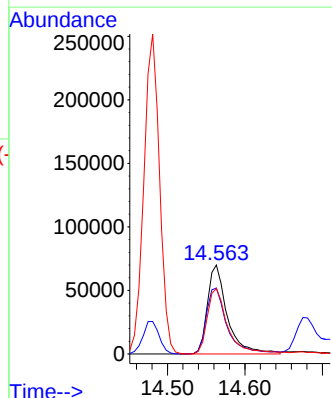
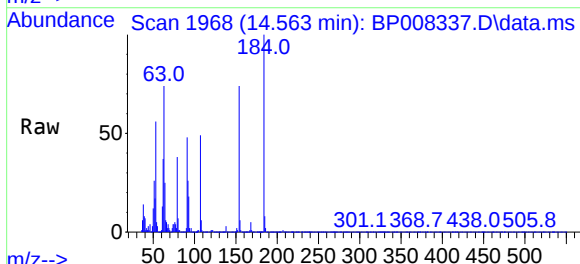
Manual Integrations  
APPROVED

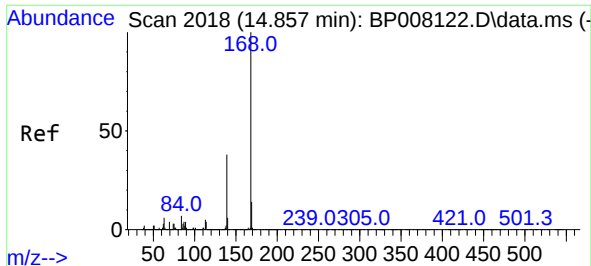
Reviewed By :Christian Giraldo 12/11/2021  
Supervised By :Jagrut Upadhyay 12/13/2021



#54  
2,4-Dinitrophenol  
Concen: 84.882 ng  
RT: 14.563 min Scan# 1968  
Delta R.T. 0.000 min  
Lab File: BP008337.D  
Acq: 10 Dec 2021 12:45

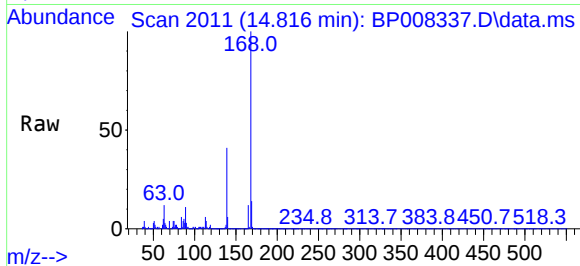
Tgt Ion:184 Resp: 124448  
Ion Ratio Lower Upper  
184 100  
63 74.0 53.8 80.6  
154 73.7 54.2 81.2





#55  
Dibenzenofuran  
Concen: 40.874 ng  
RT: 14.816 min Scan# 2018  
Delta R.T. 0.000 min  
Lab File: BP008337.D  
Acq: 10 Dec 2021 12:45

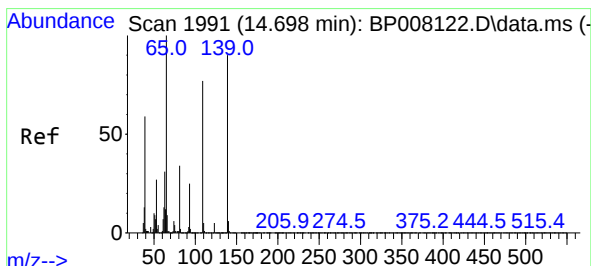
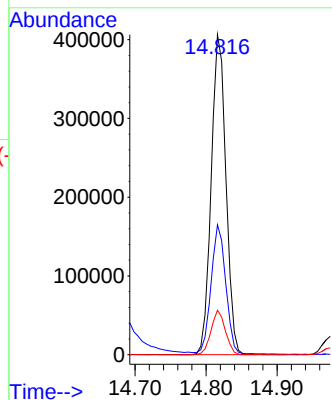
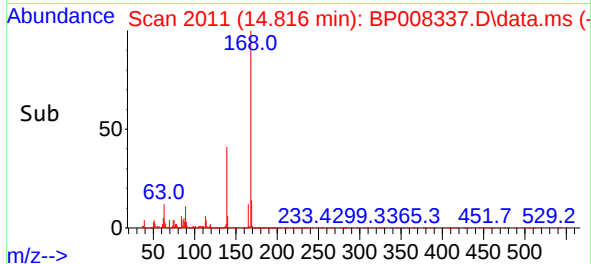
Instrument :  
BNA\_P  
ClientSampleId :  
PB141245BS



Tgt Ion:168 Resp: 585449  
Ion Ratio Lower Upper  
168 100  
139 40.6 30.6 46.0  
169 13.9 11.0 16.4

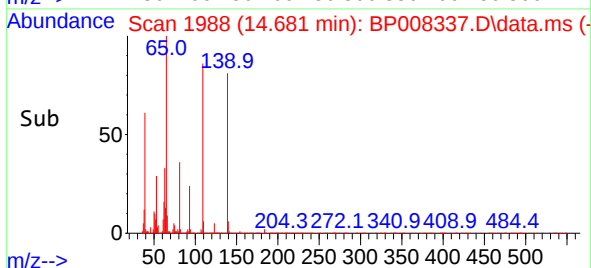
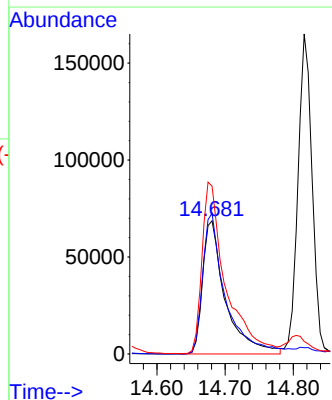
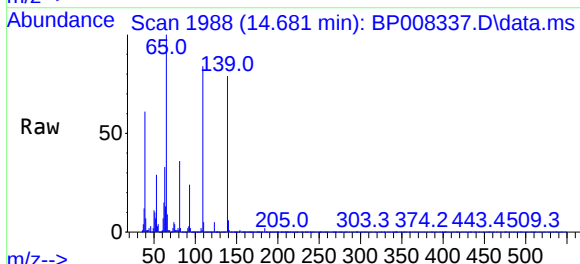
Manual Integrations  
APPROVED

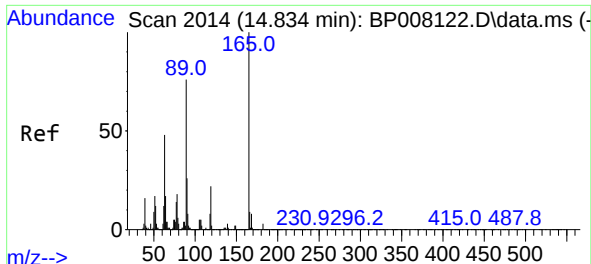
Reviewed By :Christian Giraldo 12/11/2021  
Supervised By :Jagrut Upadhyay 12/13/2021



#56  
4-Nitrophenol  
Concen: 82.972 ng  
RT: 14.681 min Scan# 1988  
Delta R.T. 0.000 min  
Lab File: BP008337.D  
Acq: 10 Dec 2021 12:45

Tgt Ion:139 Resp: 159819  
Ion Ratio Lower Upper  
139 100  
109 105.6 65.9 105.9  
65 126.1 91.9 131.9





#57  
2,4-Dinitrotoluene  
Concen: 46.807 ng  
RT: 14.804 min Scan# 2014  
Delta R.T. 0.000 min  
Lab File: BP008337.D  
Acq: 10 Dec 2021 12:45

Instrument :

BNA\_P

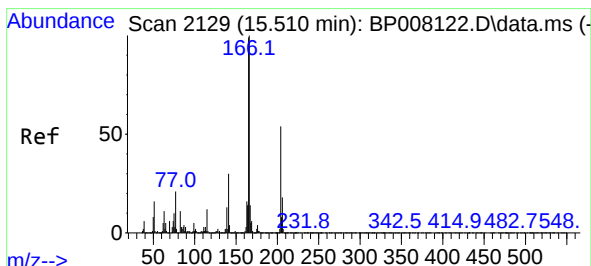
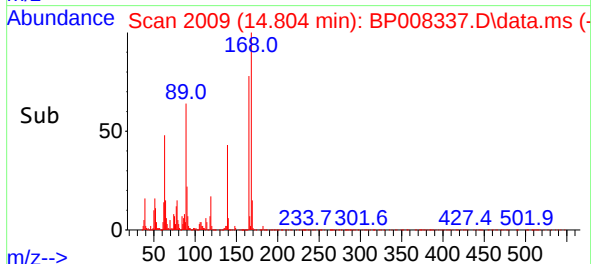
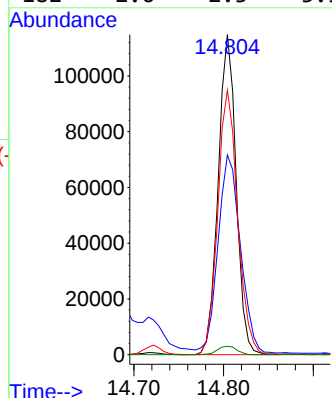
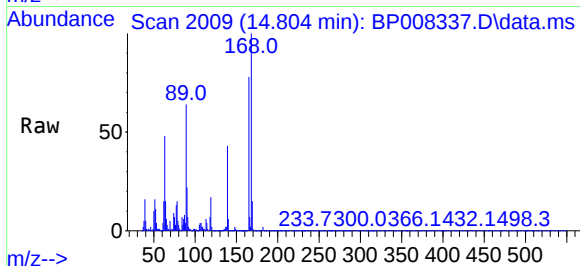
ClientSampleId :

PB141245BS

Tgt Ion:165 Resp: 15928  
Ion Ratio Lower Upper  
165 100  
63 62.4 38.9 58.3  
89 82.7 60.5 90.7  
182 2.6 2.3 3.5

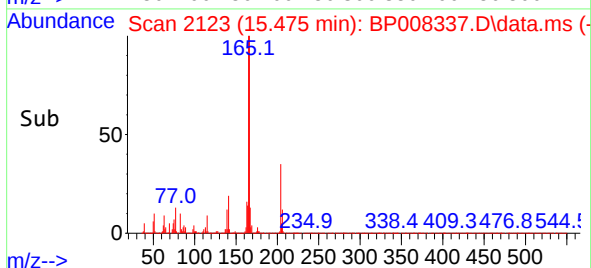
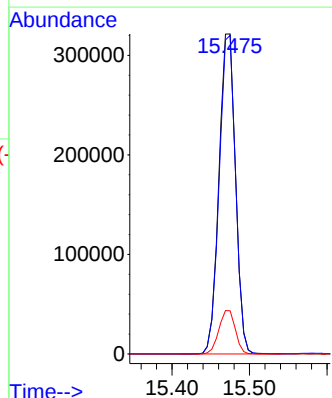
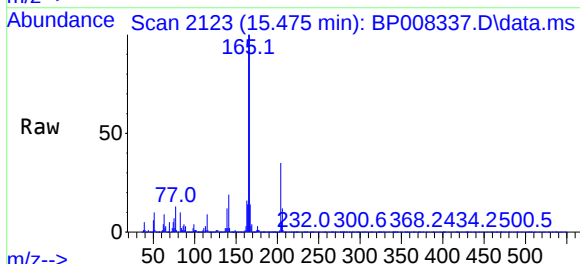
Manual Integrations  
APPROVED

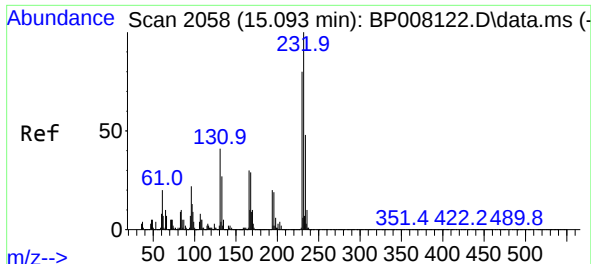
Reviewed By :Christian Giraldo 12/11/2021  
Supervised By :Jagrut Upadhyay 12/13/2021



#58  
Fluorene  
Concen: 40.907 ng  
RT: 15.475 min Scan# 2123  
Delta R.T. 0.006 min  
Lab File: BP008337.D  
Acq: 10 Dec 2021 12:45

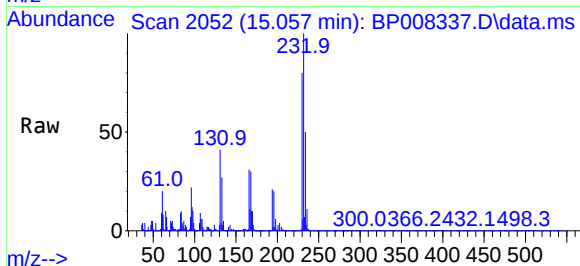
Tgt Ion:166 Resp: 476049  
Ion Ratio Lower Upper  
166 100  
165 99.5 79.4 119.2  
167 13.5 10.9 16.3





#59  
2,3,4,6-Tetrachlorophenol  
Concen: 42.215 ng m  
RT: 15.057 min Scan# 2052  
Delta R.T. 0.000 min  
Lab File: BP008337.D  
Acq: 10 Dec 2021 12:45

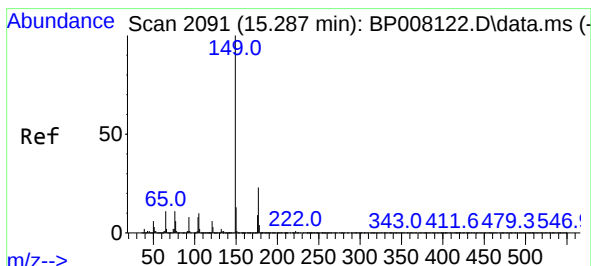
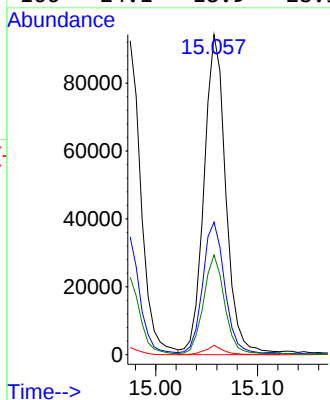
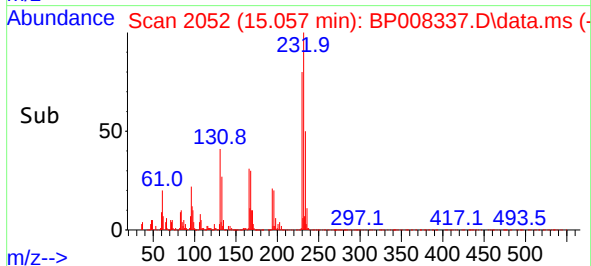
Instrument :  
BNA\_P  
ClientSampleId :  
PB141245BS



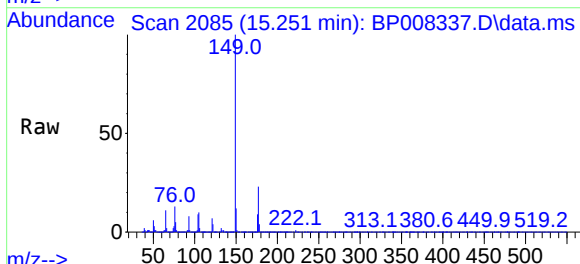
Tgt Ion:232 Resp: 140859  
Ion Ratio Lower Upper  
232 100  
131 36.7 28.1 42.1  
130 2.0 1.8 2.8  
166 24.1 18.9 28.3

Manual Integrations  
APPROVED

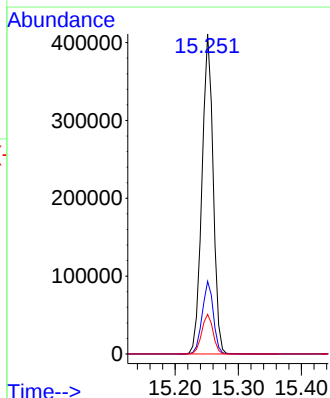
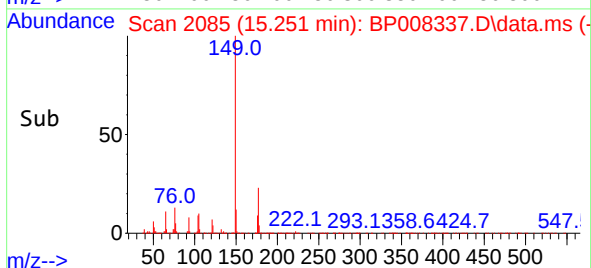
Reviewed By :Christian Giraldo 12/11/2021  
Supervised By :Jagrut Upadhyay 12/13/2021

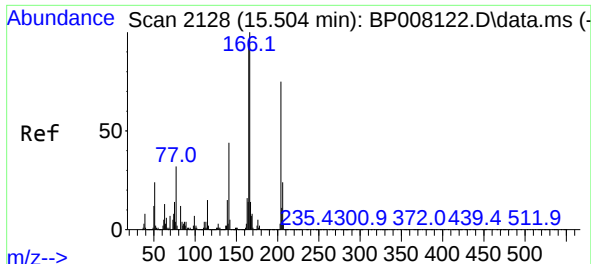


#60  
Diethylphthalate  
Concen: 42.627 ng  
RT: 15.251 min Scan# 2085  
Delta R.T. 0.000 min  
Lab File: BP008337.D  
Acq: 10 Dec 2021 12:45



Tgt Ion:149 Resp: 505420  
Ion Ratio Lower Upper  
149 100  
177 22.7 18.2 27.2  
150 12.4 10.3 15.5





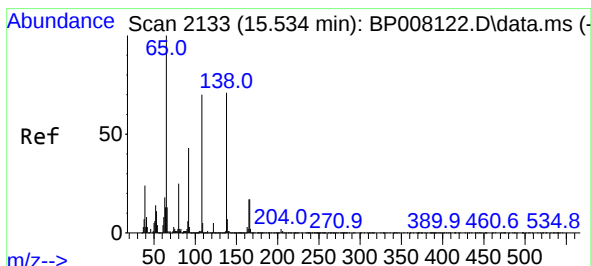
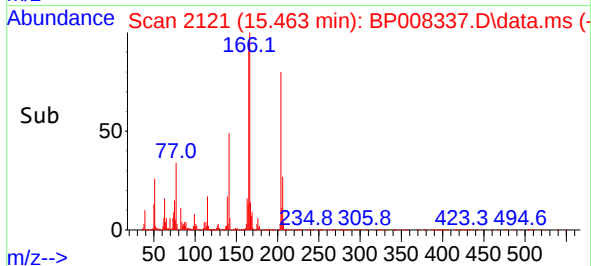
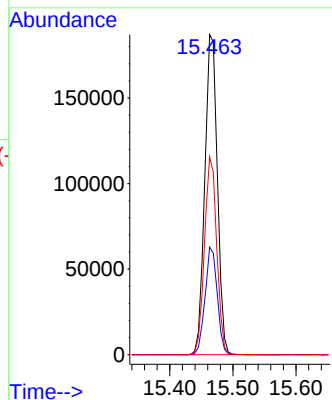
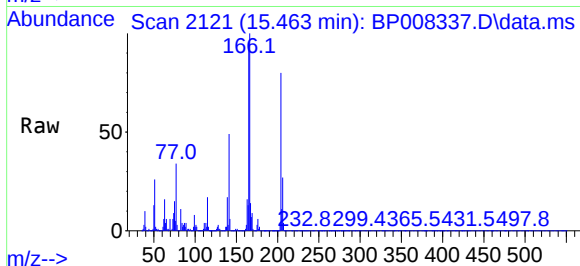
#61  
4-Chlorophenyl-phenylether  
Concen: 40.429 ng  
RT: 15.463 min Scan# 2128  
Delta R.T. 0.000 min  
Lab File: BP008337.D  
Acq: 10 Dec 2021 12:45

Instrument :  
BNA\_P  
ClientSampleId :  
PB141245BS

Tgt Ion:204 Resp: 25806  
Ion Ratio Lower Upper  
204 100  
206 33.6 26.1 39.1  
141 61.8 47.4 71.0

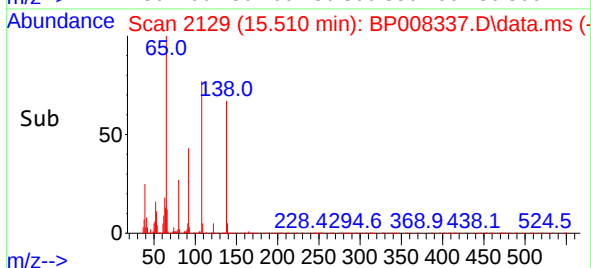
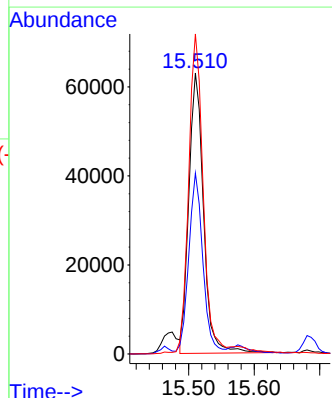
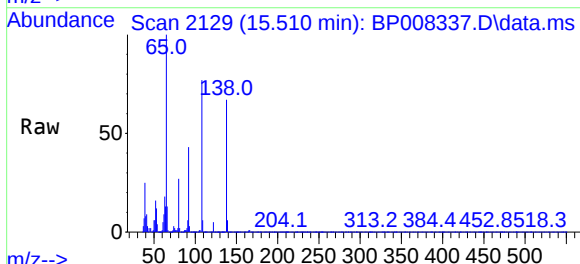
Manual Integrations  
APPROVED

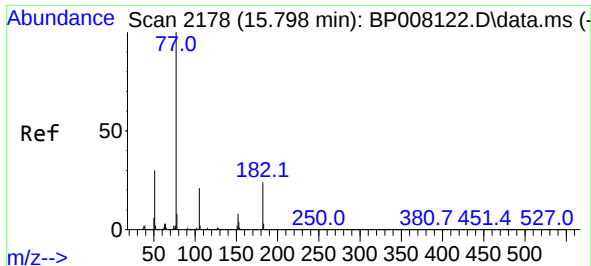
Reviewed By :Christian Giraldo 12/11/2021  
Supervised By :Jagrut Upadhyay 12/13/2021



#62  
4-Nitroaniline  
Concen: 37.441 ng  
RT: 15.510 min Scan# 2129  
Delta R.T. 0.000 min  
Lab File: BP008337.D  
Acq: 10 Dec 2021 12:45

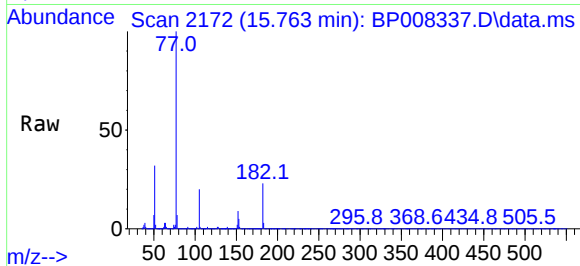
Tgt Ion:138 Resp: 97633  
Ion Ratio Lower Upper  
138 100  
92 64.4 40.8 80.8  
108 113.9 77.9 117.9





#63  
Azobenzene  
Concen: 44.422 ng  
RT: 15.763 min Scan# 2172  
Delta R.T. 0.000 min  
Lab File: BP008337.D  
Acq: 10 Dec 2021 12:45

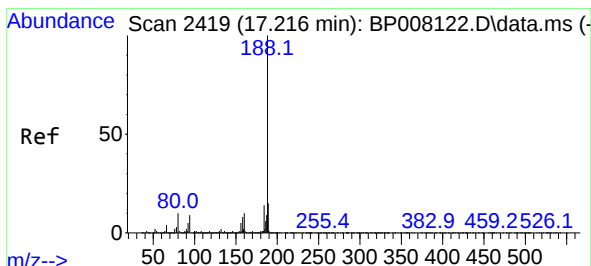
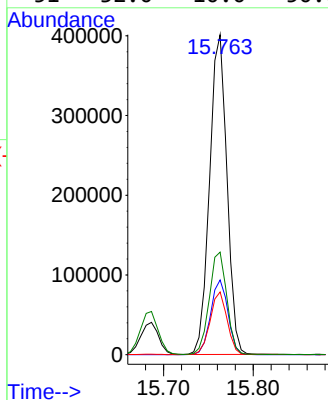
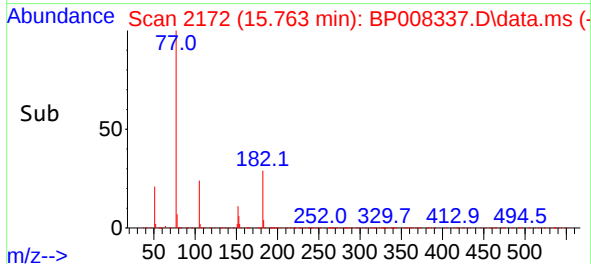
Instrument :  
BNA\_P  
ClientSampleId :  
PB141245BS



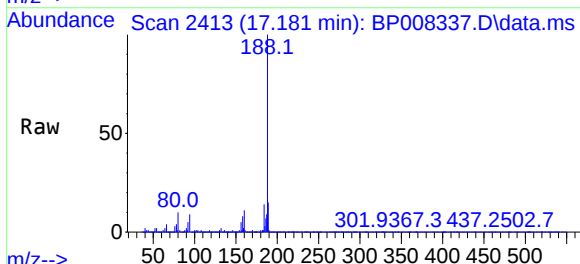
Tgt Ion: 77 Resp: 538758  
Ion Ratio Lower Upper  
77 100  
182 23.3 3.8 43.8  
105 19.6 0.5 40.5  
51 32.0 10.0 50.0

Manual Integrations  
APPROVED

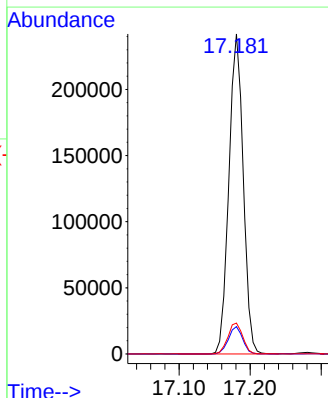
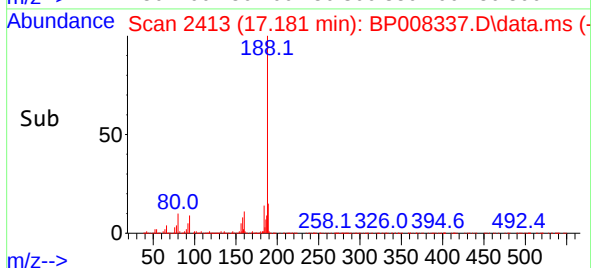
Reviewed By :Christian Giraldo 12/11/2021  
Supervised By :Jagrut Upadhyay 12/13/2021

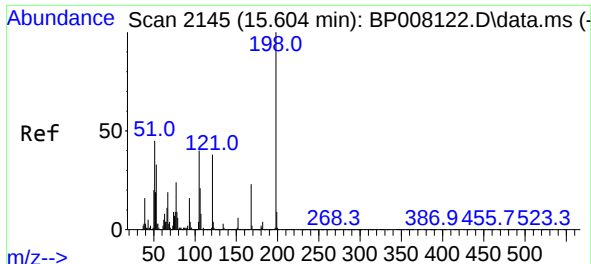


#64  
Phenanthrene-d10  
Concen: 20.000 ng  
RT: 17.181 min Scan# 2413  
Delta R.T. 0.000 min  
Lab File: BP008337.D  
Acq: 10 Dec 2021 12:45



Tgt Ion:188 Resp: 338733  
Ion Ratio Lower Upper  
188 100  
94 8.5 7.2 10.8  
80 9.6 8.2 12.4





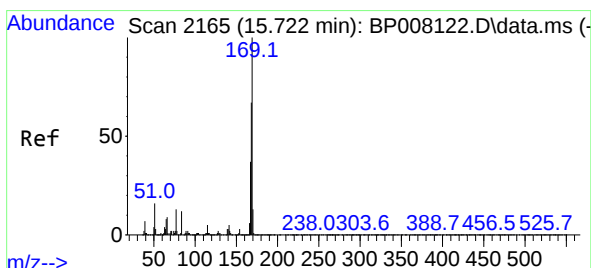
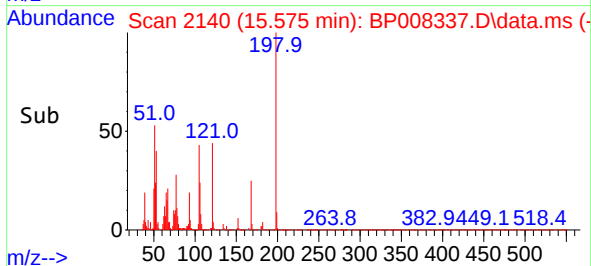
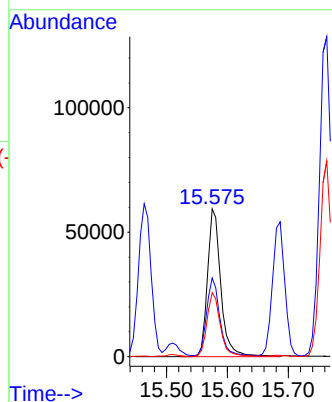
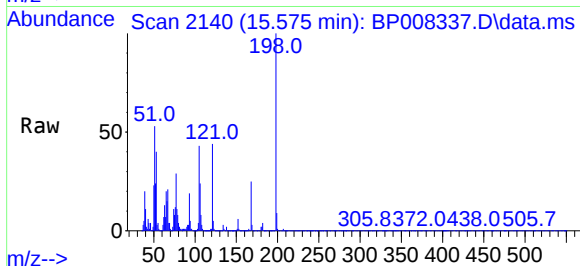
#65  
4,6-Dinitro-2-methylphenol  
Concen: 40.827 ng  
RT: 15.575 min Scan# 2145  
Delta R.T. -0.006 min  
Lab File: BP008337.D  
Acq: 10 Dec 2021 12:45

Instrument :  
BNA\_P  
ClientSampleId :  
PB141245BS

Tgt Ion:198 Resp: 9045  
Ion Ratio Lower Upper  
198 100  
51 53.3 25.9 65.9  
105 43.3 20.2 60.2

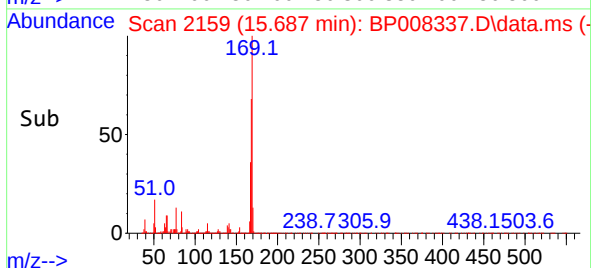
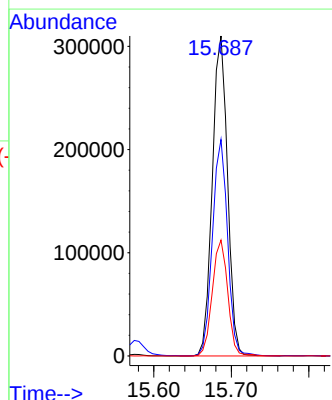
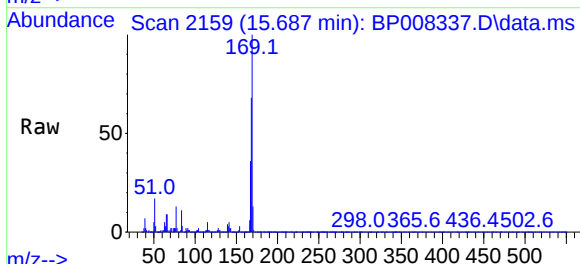
Manual Integrations  
APPROVED

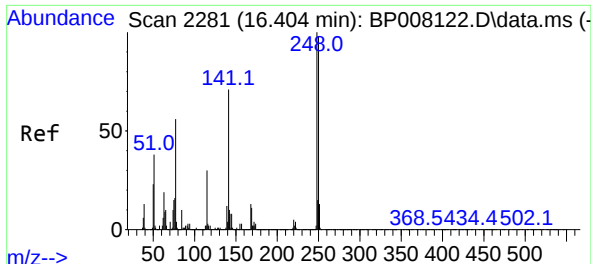
Reviewed By :Christian Giraldo 12/11/2021  
Supervised By :Jagrut Upadhyay 12/13/2021



#66  
n-Nitrosodiphenylamine  
Concen: 43.084 ng  
RT: 15.687 min Scan# 2159  
Delta R.T. 0.000 min  
Lab File: BP008337.D  
Acq: 10 Dec 2021 12:45

Tgt Ion:169 Resp: 422738  
Ion Ratio Lower Upper  
169 100  
168 67.6 53.5 80.3  
167 36.2 29.3 43.9





#67  
4-Bromophenyl-phenylether  
Concen: 43.309 ng  
RT: 16.363 min Scan# 21  
Delta R.T. 0.000 min  
Lab File: BP008337.D  
Acq: 10 Dec 2021 12:45

Instrument :

BNA\_P

ClientSampleId :

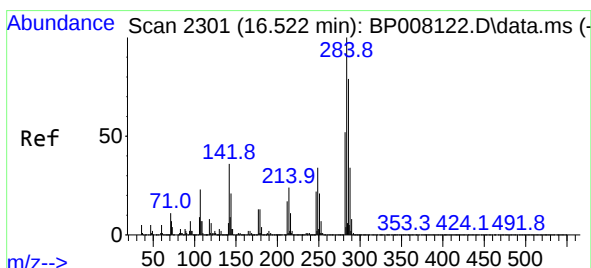
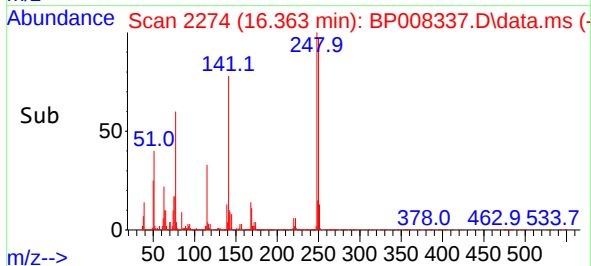
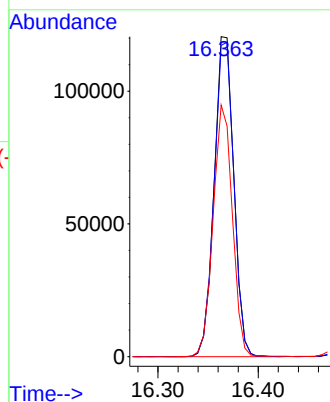
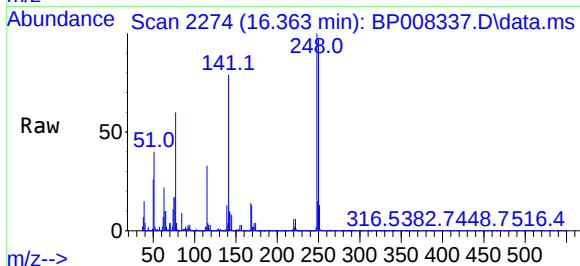
PB141245BS

Tgt Ion:248 Resp: 16313  
Ion Ratio Lower Upper  
248 100  
250 97.3 78.6 117.8  
141 78.6 57.0 85.6

Manual Integrations

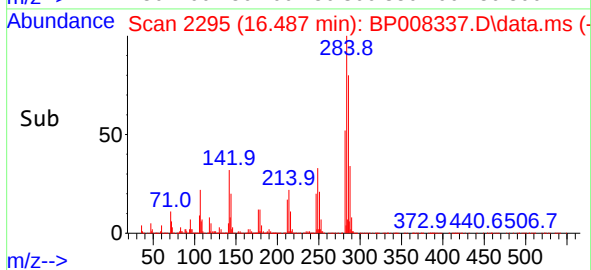
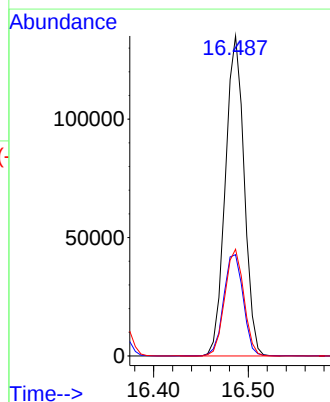
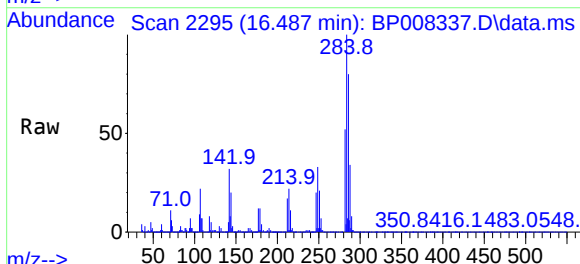
APPROVED

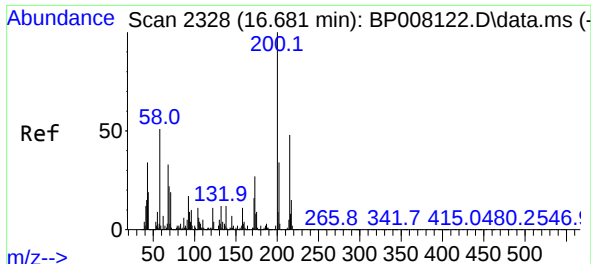
Reviewed By :Christian Giraldo 12/11/2021  
Supervised By :Jagrut Upadhyay 12/13/2021



#68  
Hexachlorobenzene  
Concen: 46.356 ng  
RT: 16.487 min Scan# 2295  
Delta R.T. 0.000 min  
Lab File: BP008337.D  
Acq: 10 Dec 2021 12:45

Tgt Ion:284 Resp: 186645  
Ion Ratio Lower Upper  
284 100  
142 31.6 28.6 42.8  
249 33.3 27.1 40.7





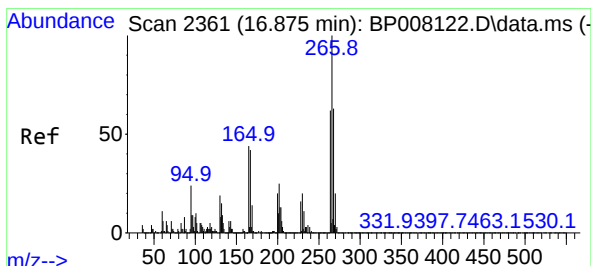
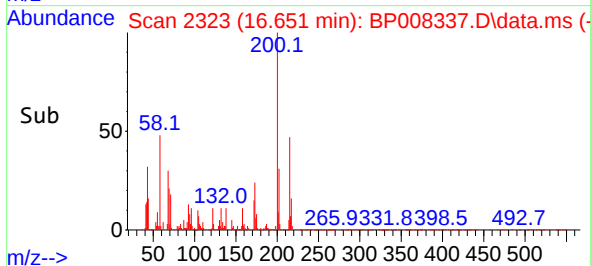
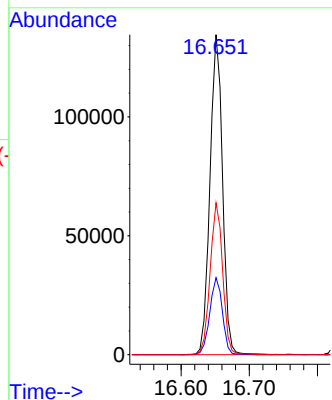
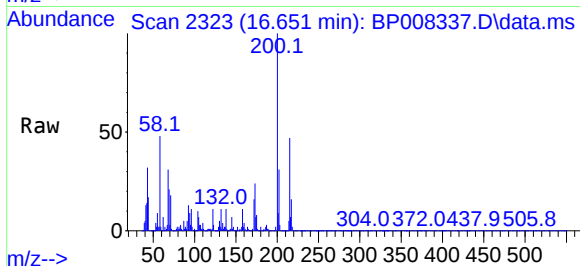
#69  
Atrazine  
Concen: 67.670 ng  
RT: 16.651 min Scan# 21  
Delta R.T. 0.000 min  
Lab File: BP008337.D  
Acq: 10 Dec 2021 12:45

Instrument :  
BNA\_P  
ClientSampleId :  
PB141245BS

Tgt Ion:200 Resp: 172320  
Ion Ratio Lower Upper  
200 100  
173 24.1 6.8 46.8  
215 47.4 28.4 68.4

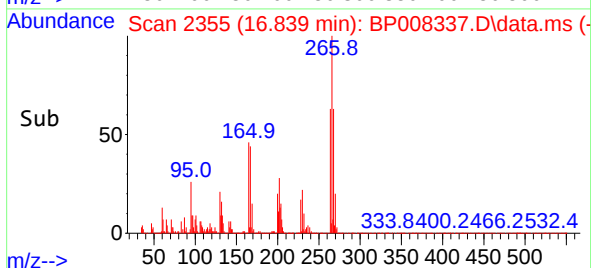
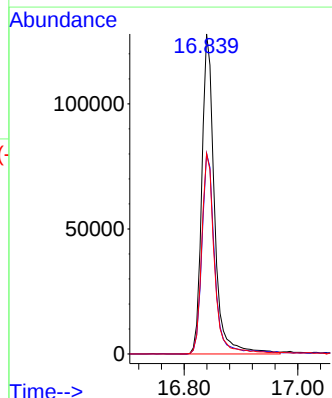
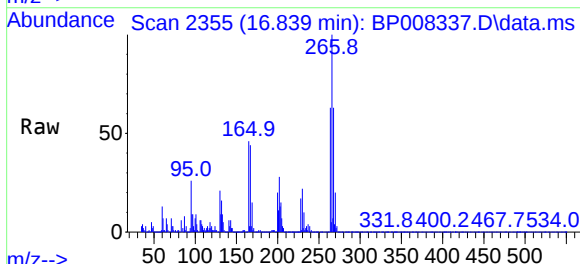
Manual Integrations  
APPROVED

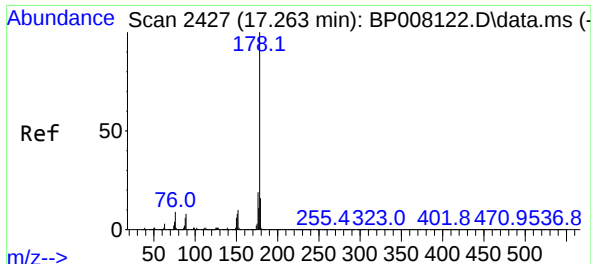
Reviewed By :Christian Giraldo 12/11/2021  
Supervised By :Jagrut Upadhyay 12/13/2021



#70  
Pentachlorophenol  
Concen: 82.707 ng  
RT: 16.839 min Scan# 2355  
Delta R.T. -0.006 min  
Lab File: BP008337.D  
Acq: 10 Dec 2021 12:45

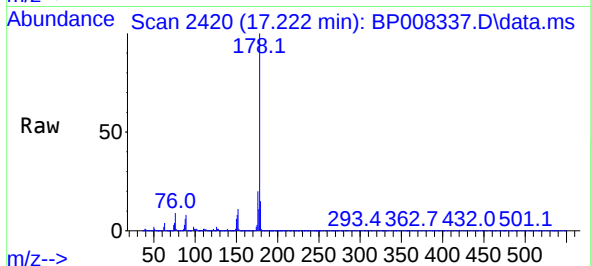
Tgt Ion:266 Resp: 198016  
Ion Ratio Lower Upper  
266 100  
268 62.7 50.1 75.1  
264 62.6 49.5 74.3





#71  
Phenanthrene  
Concen: 42.920 ng  
RT: 17.222 min Scan# 2427  
Delta R.T. 0.000 min  
Lab File: BP008337.D  
Acq: 10 Dec 2021 12:45

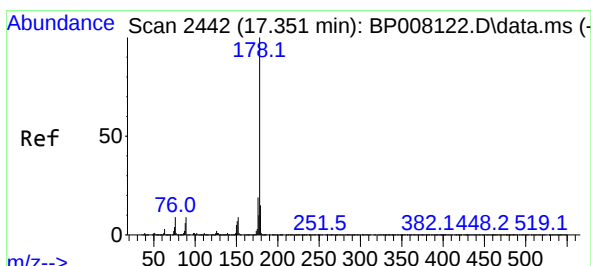
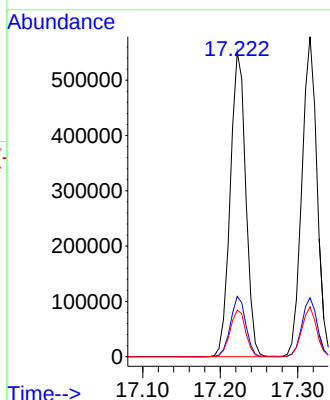
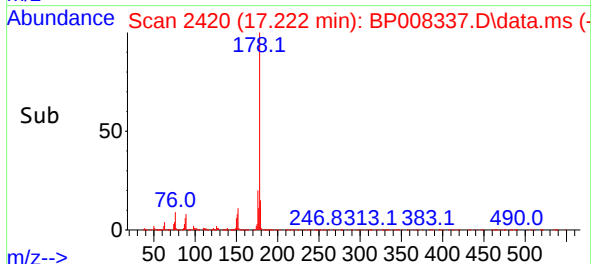
Instrument :  
BNA\_P  
ClientSampleId :  
PB141245BS



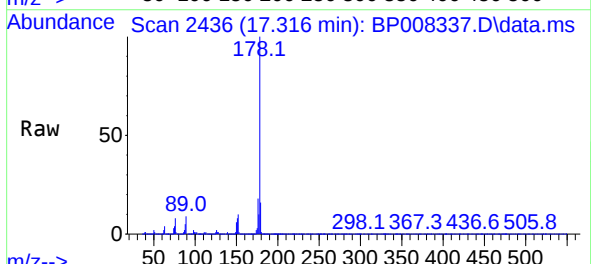
Tgt Ion:178 Resp: 76760  
Ion Ratio Lower Upper  
178 100  
176 19.8 15.3 22.9  
179 15.3 12.5 18.7

Manual Integrations  
APPROVED

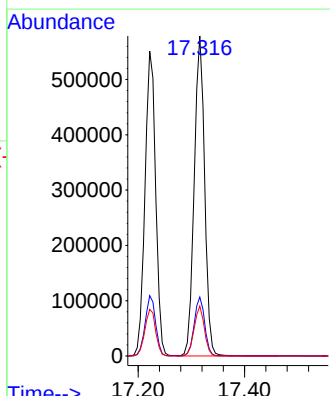
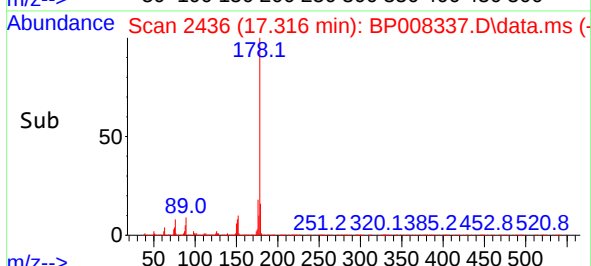
Reviewed By :Christian Giraldo 12/11/2021  
Supervised By :Jagrut Upadhyay 12/13/2021

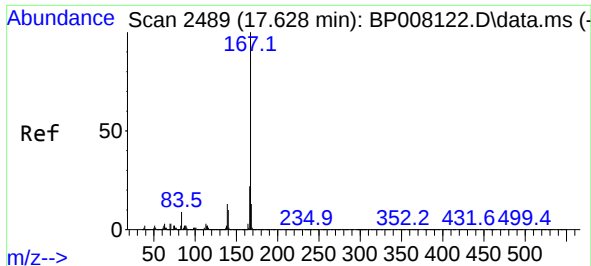


#72  
Anthracene  
Concen: 44.421 ng  
RT: 17.316 min Scan# 2436  
Delta R.T. 0.000 min  
Lab File: BP008337.D  
Acq: 10 Dec 2021 12:45



Tgt Ion:178 Resp: 788410  
Ion Ratio Lower Upper  
178 100  
176 18.4 15.1 22.7  
179 15.6 12.3 18.5





#73  
 Carbazole  
 Concen: 41.382 ng  
 RT: 17.592 min Scan# 2489  
 Delta R.T. -0.006 min  
 Lab File: BP008337.D  
 Acq: 10 Dec 2021 12:45

Instrument :

BNA\_P

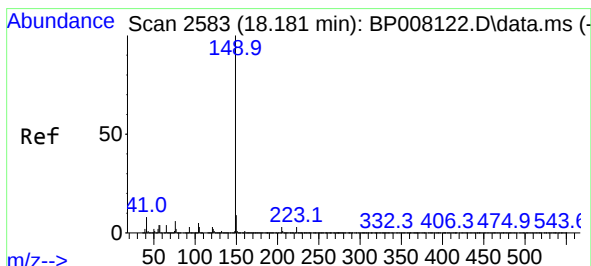
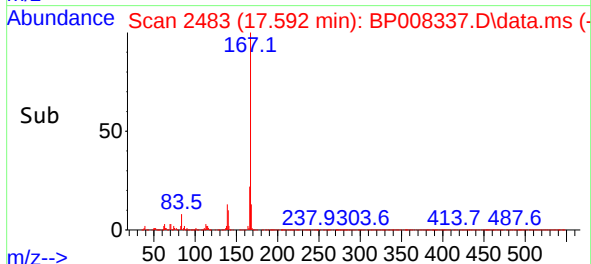
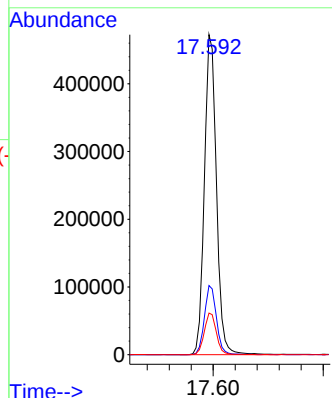
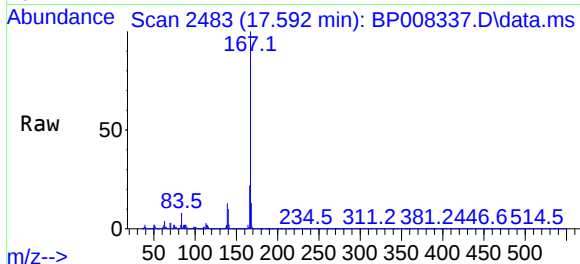
ClientSampleId :

PB141245BS

Tgt Ion:167 Resp: 71698  
 Ion Ratio Lower Upper  
 167 100  
 166 21.6 17.4 26.0  
 139 13.0 10.2 15.2

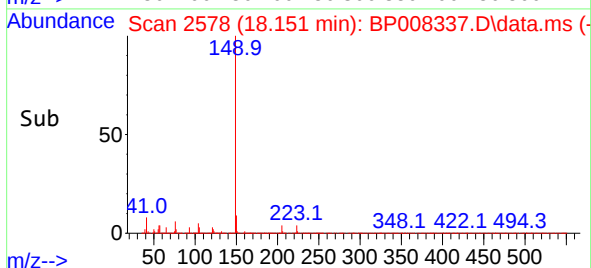
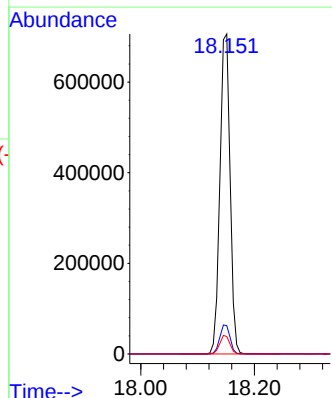
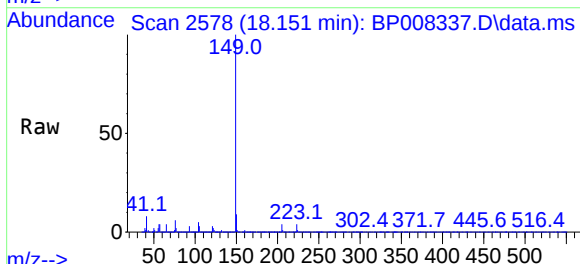
Manual Integrations  
 APPROVED

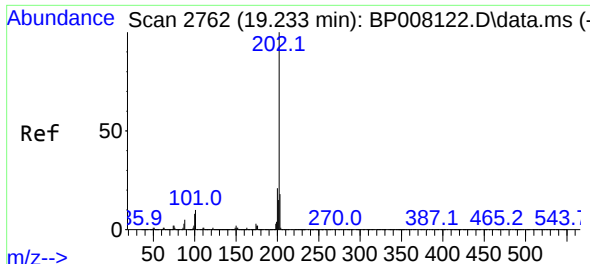
Reviewed By :Christian Giraldo 12/11/2021  
 Supervised By :Jagrut Upadhyay 12/13/2021



#74  
 Di-n-butylphthalate  
 Concen: 40.404 ng  
 RT: 18.151 min Scan# 2578  
 Delta R.T. 0.006 min  
 Lab File: BP008337.D  
 Acq: 10 Dec 2021 12:45

Tgt Ion:149 Resp: 876310  
 Ion Ratio Lower Upper  
 149 100  
 150 8.9 7.4 11.2  
 104 5.5 4.4 6.6





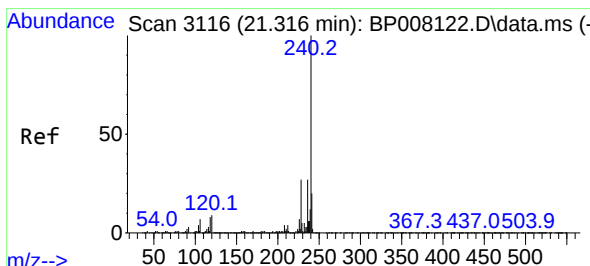
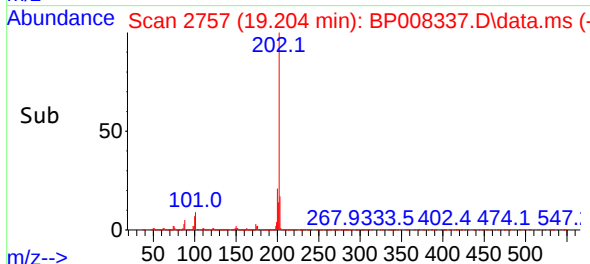
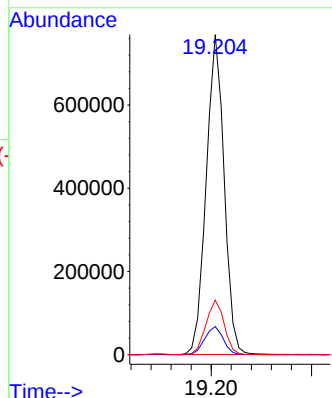
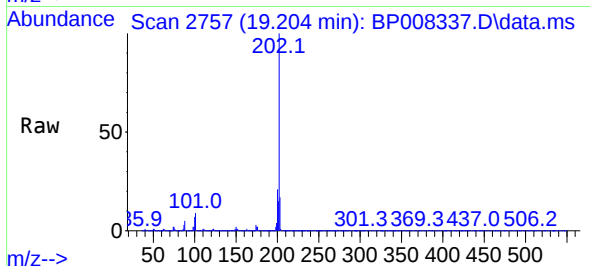
#75  
Fluoranthene  
Concen: 39.764 ng  
RT: 19.204 min Scan# 21  
Delta R.T. 0.000 min  
Lab File: BP008337.D  
Acq: 10 Dec 2021 12:45

Instrument :  
BNA\_P  
ClientSampleId :  
PB141245BS

Tgt Ion:202 Resp: 958010  
Ion Ratio Lower Upper  
202 100  
101 8.8 0.0 29.8  
203 17.1 0.0 37.7

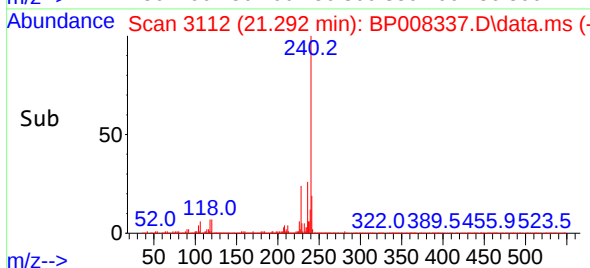
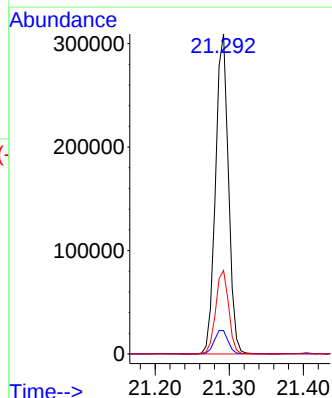
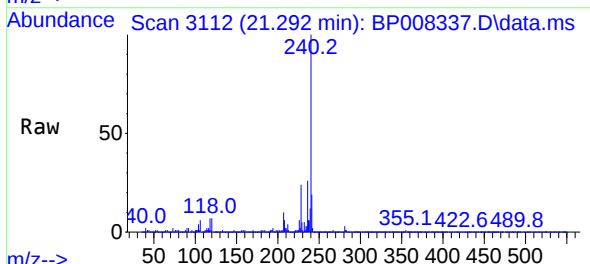
Manual Integrations  
APPROVED

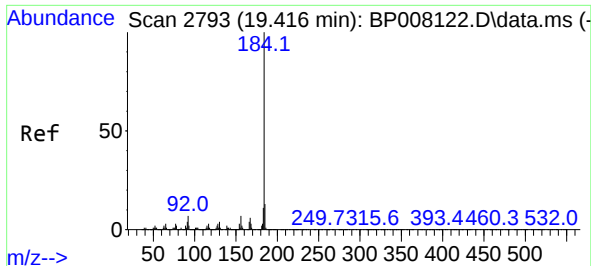
Reviewed By :Christian Giraldo 12/11/2021  
Supervised By :Jagrut Upadhyay 12/13/2021



#76  
Chrysene-d12  
Concen: 20.000 ng  
RT: 21.292 min Scan# 3112  
Delta R.T. 0.006 min  
Lab File: BP008337.D  
Acq: 10 Dec 2021 12:45

Tgt Ion:240 Resp: 373638  
Ion Ratio Lower Upper  
240 100  
120 7.3 7.3 10.9  
236 26.1 21.4 32.2





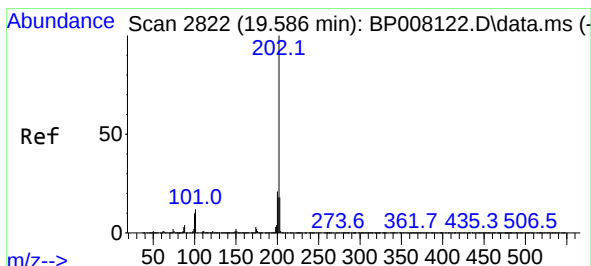
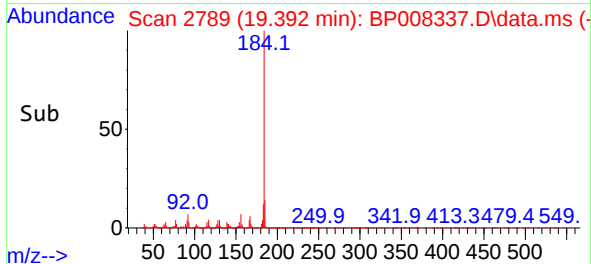
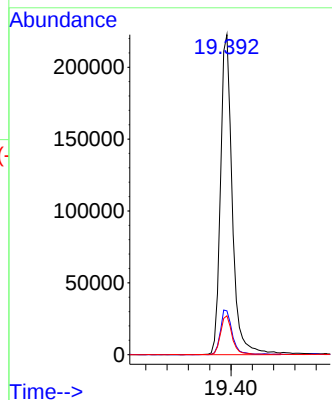
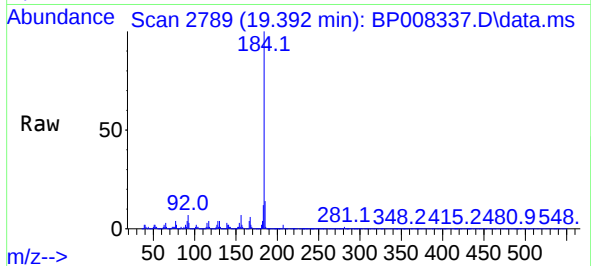
#77  
Benzidine  
Concen: 66.344 ng  
RT: 19.392 min Scan# 21  
Delta R.T. 0.000 min  
Lab File: BP008337.D  
Acq: 10 Dec 2021 12:45

Instrument :  
BNA\_P  
ClientSampleId :  
PB141245BS

Tgt Ion:184 Resp: 34003  
Ion Ratio Lower Upper  
184 100  
185 13.7 10.3 15.5  
183 12.2 9.1 13.7

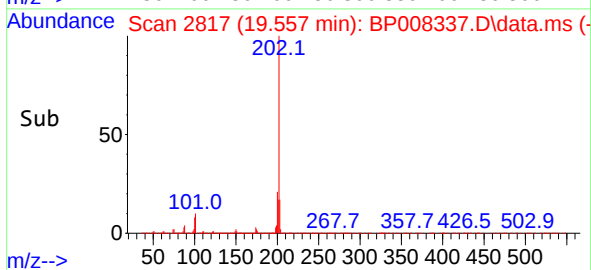
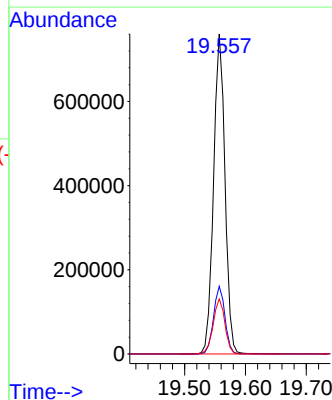
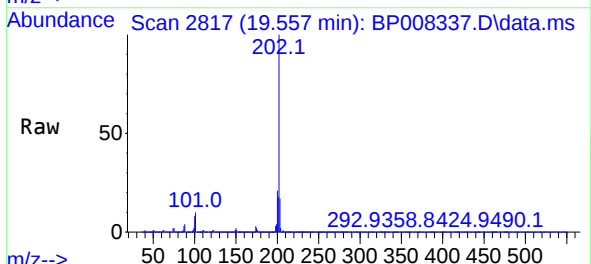
Manual Integrations  
APPROVED

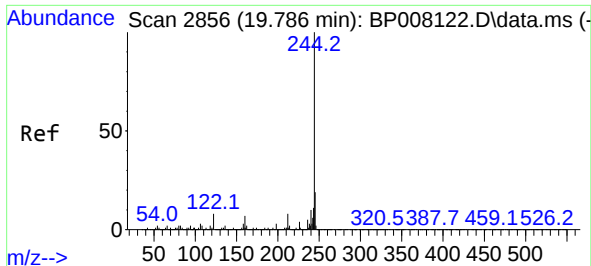
Reviewed By :Christian Giraldo 12/11/2021  
Supervised By :Jagrut Upadhyay 12/13/2021



#78  
Pyrene  
Concen: 41.857 ng  
RT: 19.557 min Scan# 2817  
Delta R.T. 0.000 min  
Lab File: BP008337.D  
Acq: 10 Dec 2021 12:45

Tgt Ion:202 Resp: 989301  
Ion Ratio Lower Upper  
202 100  
200 21.2 17.1 25.7  
203 17.2 14.2 21.2





#79  
 Terphenyl-d14  
 Concen: 87.505 ng  
 RT: 19.757 min Scan# 21  
 Delta R.T. 0.000 min  
 Lab File: BP008337.D  
 Acq: 10 Dec 2021 12:45

Instrument :

BNA\_P

ClientSampleId :

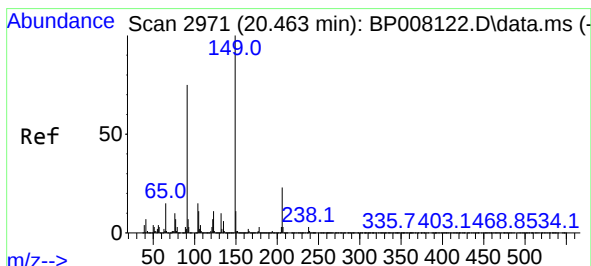
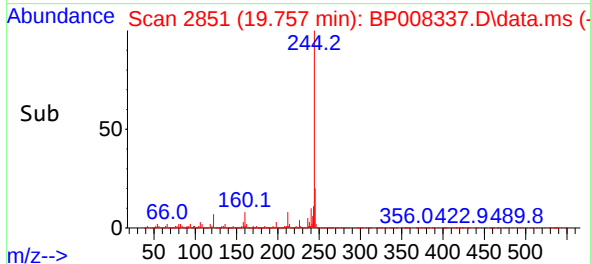
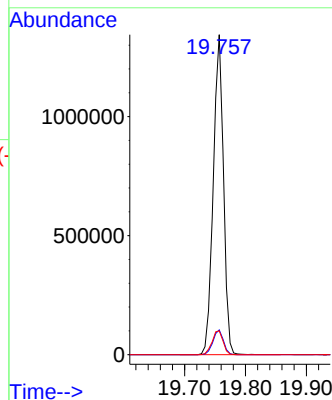
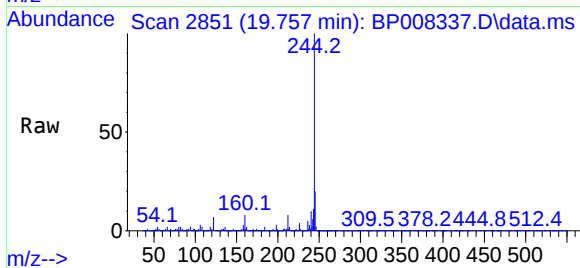
PB141245BS

Tgt Ion:244 Resp: 156442  
 Ion Ratio Lower Upper  
 244 100  
 212 7.7 6.0 9.0  
 122 7.5 6.6 9.8

Manual Integrations

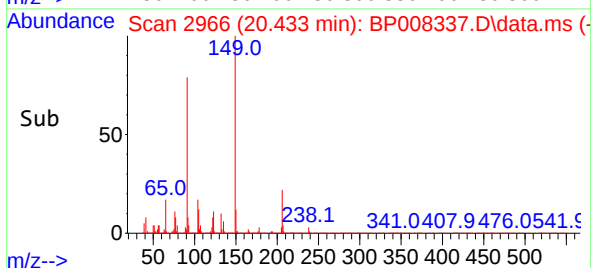
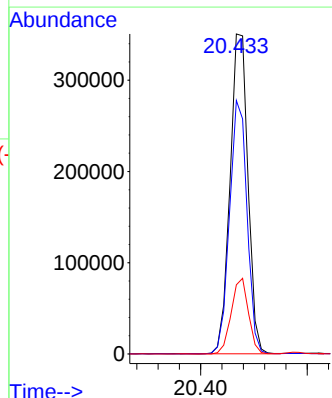
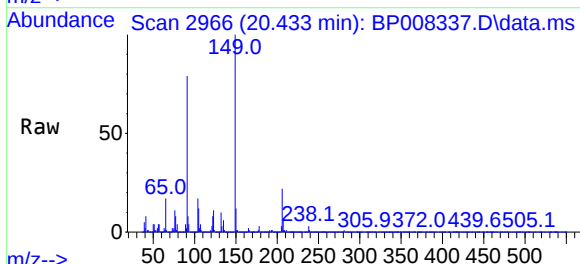
APPROVED

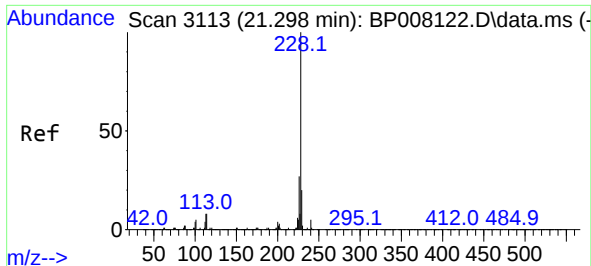
Reviewed By :Christian Giraldo 12/11/2021  
 Supervised By :Jagrut Upadhyay 12/13/2021



#80  
 Butylbenzylphthalate  
 Concen: 38.449 ng  
 RT: 20.433 min Scan# 2966  
 Delta R.T. 0.000 min  
 Lab File: BP008337.D  
 Acq: 10 Dec 2021 12:45

Tgt Ion:149 Resp: 409086  
 Ion Ratio Lower Upper  
 149 100  
 91 79.2 59.8 89.8  
 206 21.6 18.6 27.8





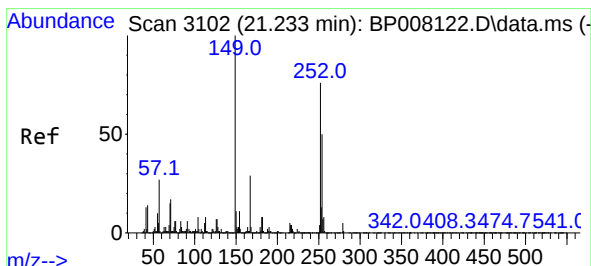
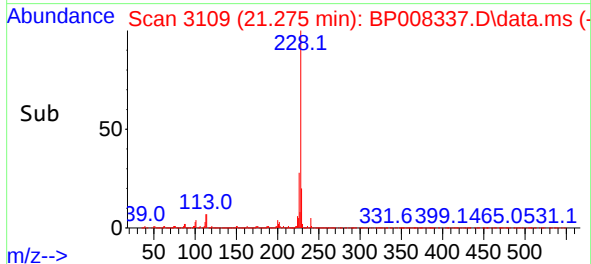
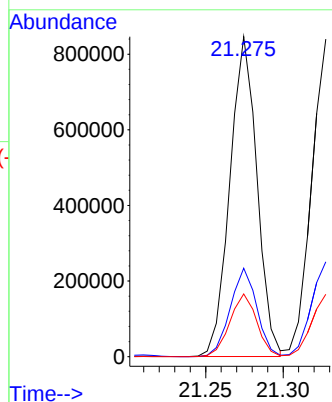
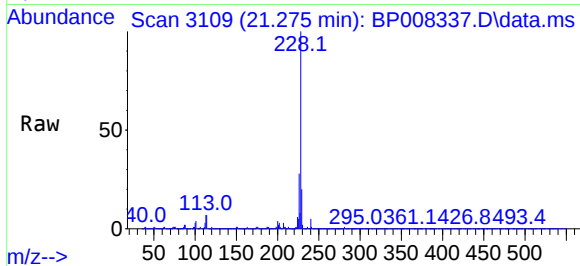
#81  
Benzo(a)anthracene  
Concen: 41.467 ng  
RT: 21.275 min Scan# 3113  
Delta R.T. 0.000 min  
Lab File: BP008337.D  
Acq: 10 Dec 2021 12:45

Instrument :  
BNA\_P  
ClientSampleId :  
PB141245BS

Tgt Ion:228 Resp: 102685  
Ion Ratio Lower Upper  
228 100  
226 27.7 21.9 32.9  
229 19.6 15.9 23.9

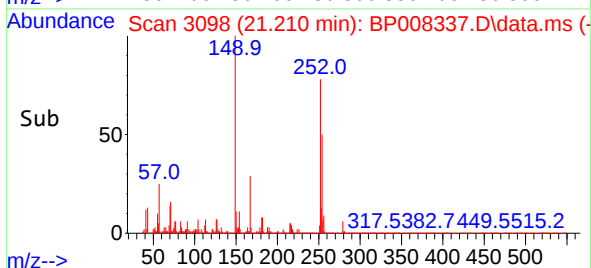
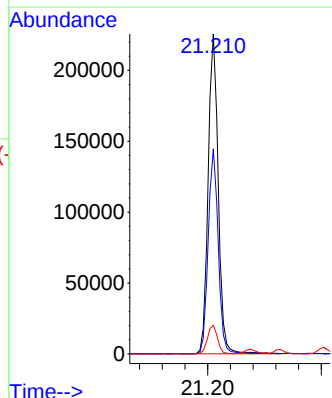
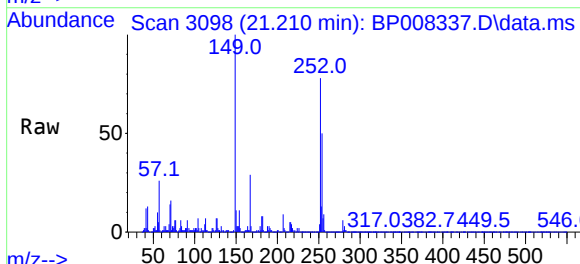
Manual Integrations  
APPROVED

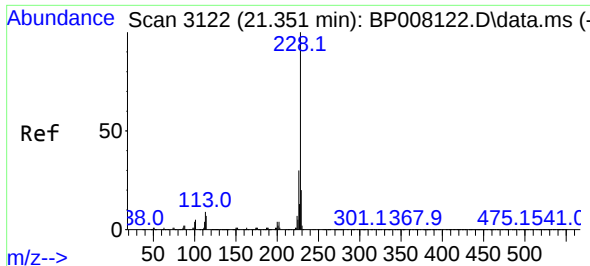
Reviewed By :Christian Giraldo 12/11/2021  
Supervised By :Jagrut Upadhyay 12/13/2021



#82  
3,3'-Dichlorobenzidine  
Concen: 23.747 ng  
RT: 21.210 min Scan# 3098  
Delta R.T. 0.000 min  
Lab File: BP008337.D  
Acq: 10 Dec 2021 12:45

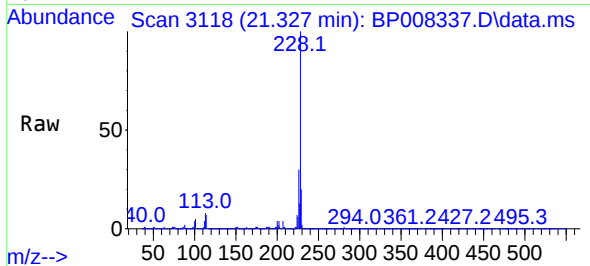
Tgt Ion:252 Resp: 277063  
Ion Ratio Lower Upper  
252 100  
254 64.1 52.4 78.6  
126 8.9 7.6 11.4





#83  
Chrysene  
Concen: 42.578 ng  
RT: 21.327 min Scan# 3122  
Delta R.T. 0.000 min  
Lab File: BP008337.D  
Acq: 10 Dec 2021 12:45

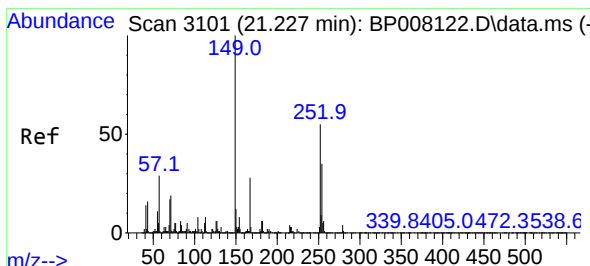
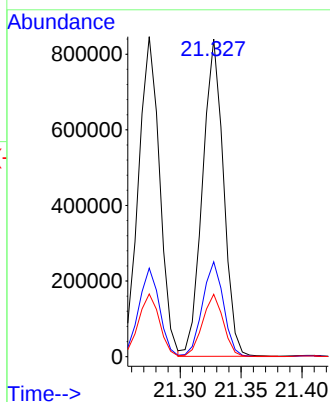
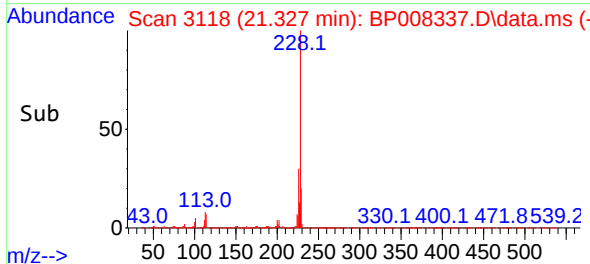
Instrument :  
BNA\_P  
ClientSampleId :  
PB141245BS



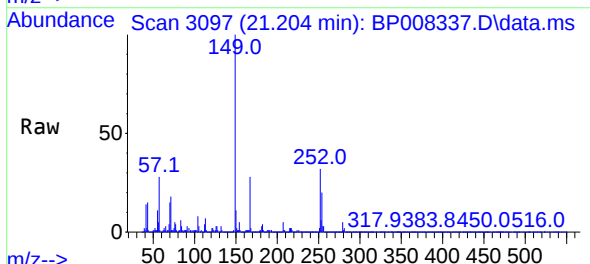
Tgt Ion:228 Resp: 1003318  
Ion Ratio Lower Upper  
228 100  
226 29.9 24.0 36.0  
229 19.7 15.8 23.8

Manual Integrations  
APPROVED

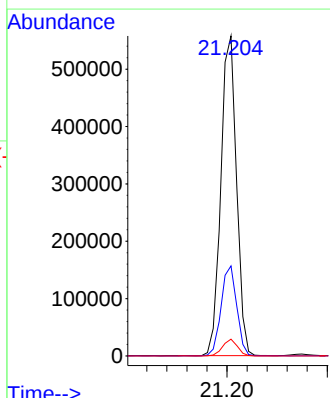
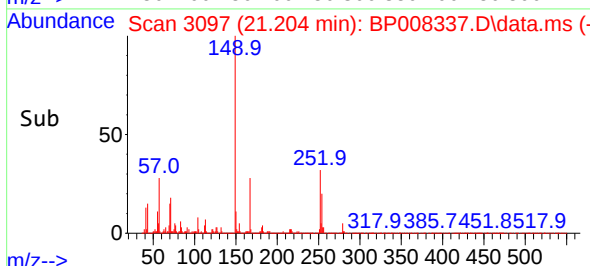
Reviewed By :Christian Giraldo 12/11/2021  
Supervised By :Jagrut Upadhyay 12/13/2021

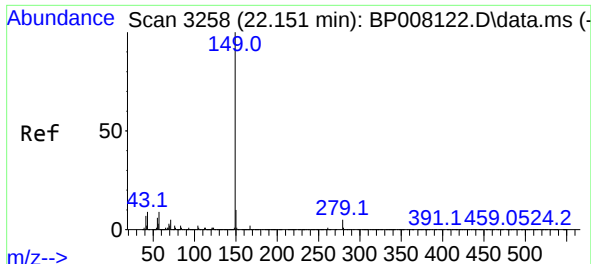


#84  
Bis(2-ethylhexyl)phthalate  
Concen: 37.322 ng  
RT: 21.204 min Scan# 3097  
Delta R.T. 0.006 min  
Lab File: BP008337.D  
Acq: 10 Dec 2021 12:45



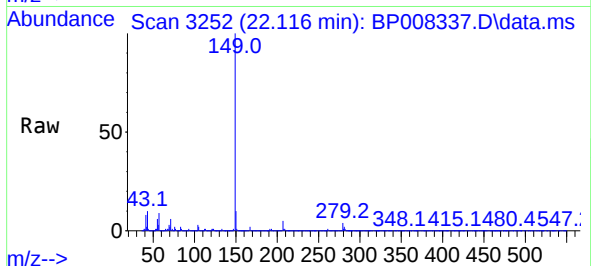
Tgt Ion:149 Resp: 602908  
Ion Ratio Lower Upper  
149 100  
167 28.2 22.5 33.7  
279 5.2 3.5 5.3





#85  
Di-n-octyl phthalate  
Concen: 39.240 ng  
RT: 22.116 min Scan# 31  
Delta R.T. 0.000 min  
Lab File: BP008337.D  
Acq: 10 Dec 2021 12:45

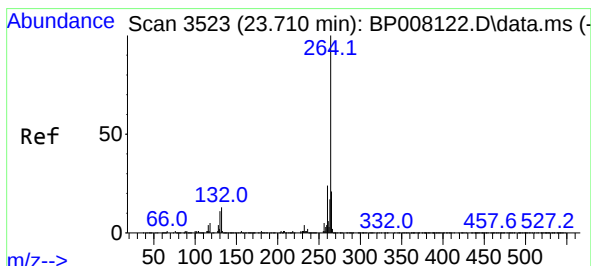
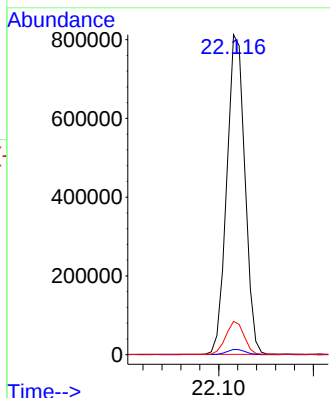
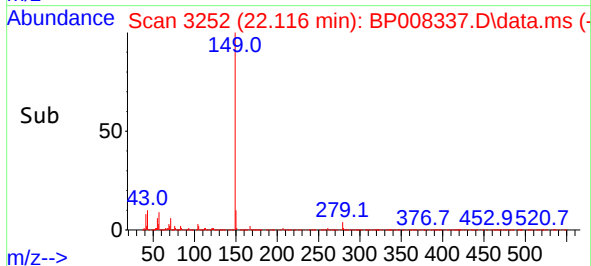
Instrument :  
BNA\_P  
ClientSampleId :  
PB141245BS



Tgt Ion:149 Resp: 1076820  
Ion Ratio Lower Upper  
149 100  
167 1.7 1.3 1.9  
43 10.4 7.9 11.9

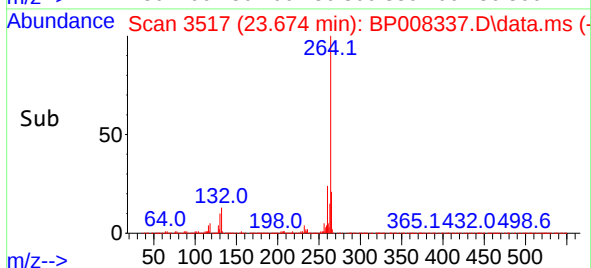
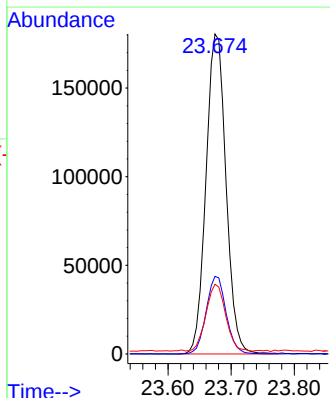
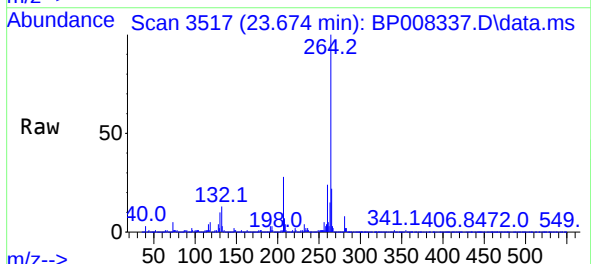
Manual Integrations  
APPROVED

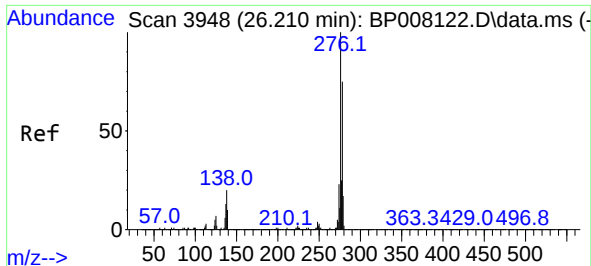
Reviewed By :Christian Giraldo 12/11/2021  
Supervised By :Jagrut Upadhyay 12/13/2021



#86  
Perylene-d12  
Concen: 20.000 ng  
RT: 23.674 min Scan# 3517  
Delta R.T. 0.000 min  
Lab File: BP008337.D  
Acq: 10 Dec 2021 12:45

Tgt Ion:264 Resp: 397463  
Ion Ratio Lower Upper  
264 100  
260 24.2 19.4 29.2  
265 21.8 17.6 26.4





#87  
 Indeno(1,2,3-cd)pyrene  
 Concen: 47.022 ng  
 RT: 26.168 min Scan# 3941  
 Delta R.T. 0.006 min  
 Lab File: BP008337.D  
 Acq: 10 Dec 2021 12:45

Instrument :

BNA\_P

ClientSampleId :

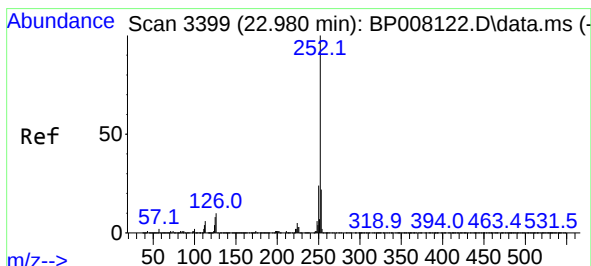
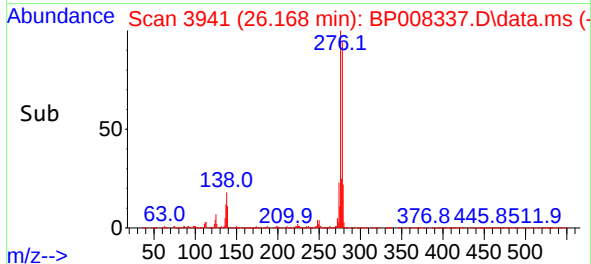
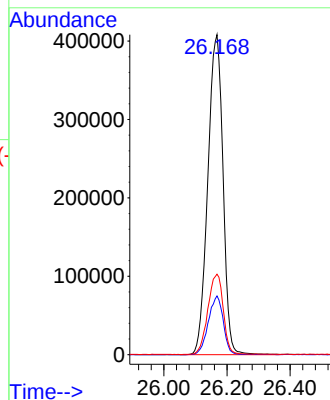
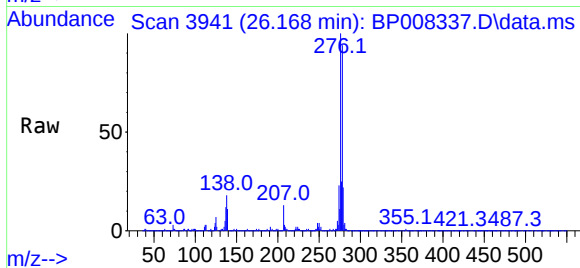
PB141245BS

Tgt Ion:276 Resp: 135969  
 Ion Ratio Lower Upper  
 276 100  
 138 18.0 16.6 25.0  
 277 25.5 20.2 30.2

Manual Integrations

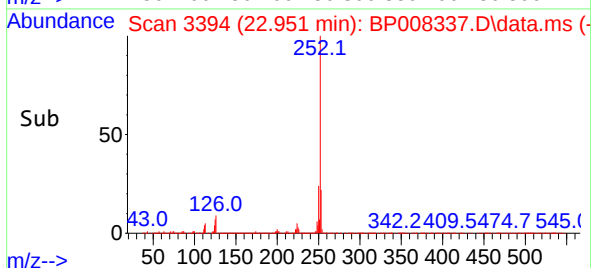
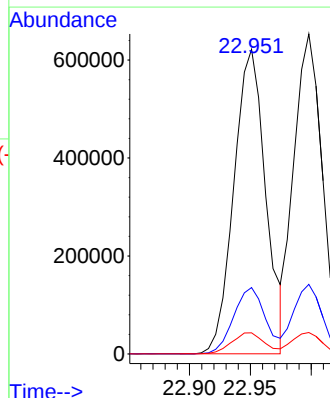
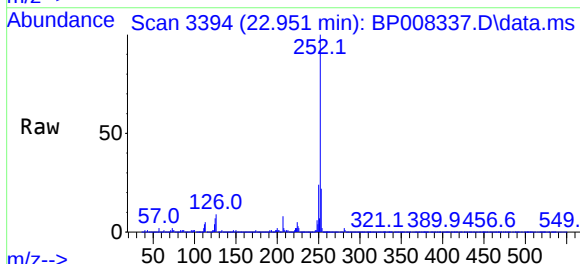
APPROVED

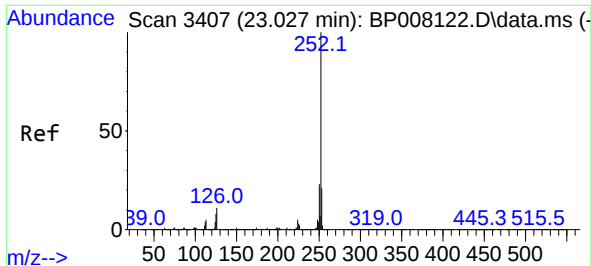
Reviewed By :Christian Giraldo 12/11/2021  
 Supervised By :Jagrut Upadhyay 12/13/2021



#88  
 Benzo(b)fluoranthene  
 Concen: 47.174 ng  
 RT: 22.951 min Scan# 3394  
 Delta R.T. 0.006 min  
 Lab File: BP008337.D  
 Acq: 10 Dec 2021 12:45

Tgt Ion:252 Resp: 1130340  
 Ion Ratio Lower Upper  
 252 100  
 253 21.8 17.7 26.5  
 125 7.0 6.2 9.4





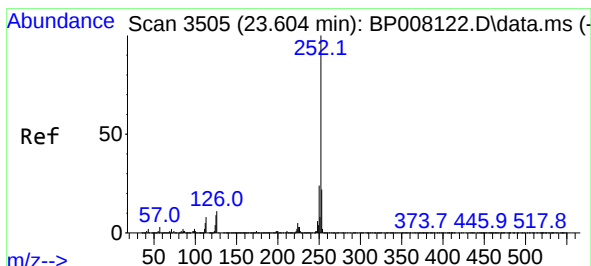
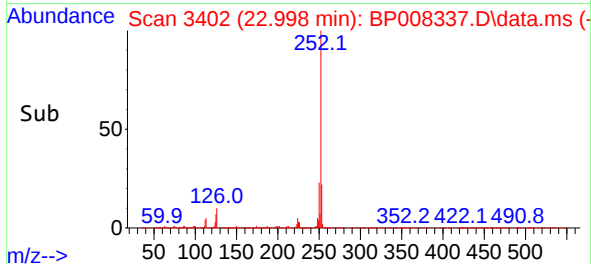
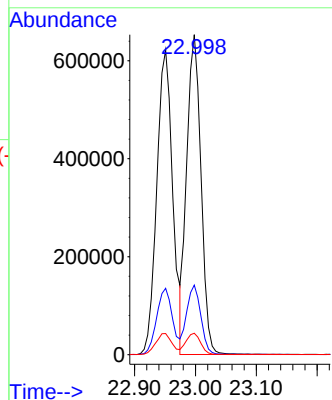
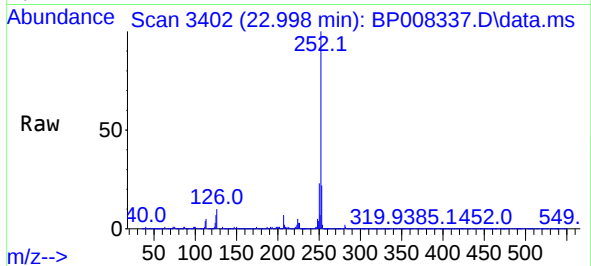
#89  
Benzo(k)fluoranthene  
Concen: 45.515 ng  
RT: 22.998 min Scan# 3407  
Delta R.T. 0.000 min  
Lab File: BP008337.D  
Acq: 10 Dec 2021 12:45

Instrument :  
BNA\_P  
ClientSampleId :  
PB141245BS

Tgt Ion:252 Resp: 106769  
Ion Ratio Lower Upper  
252 100  
253 21.7 17.3 25.9  
125 6.7 6.5 9.7

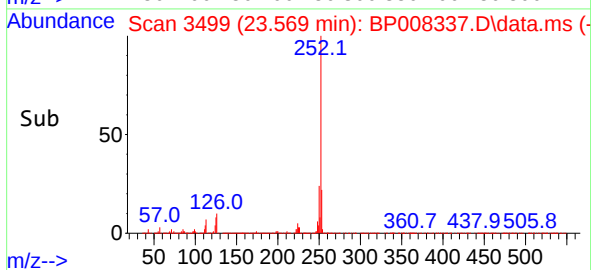
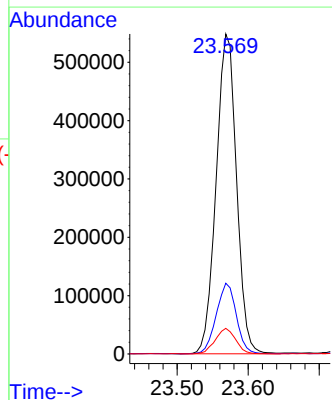
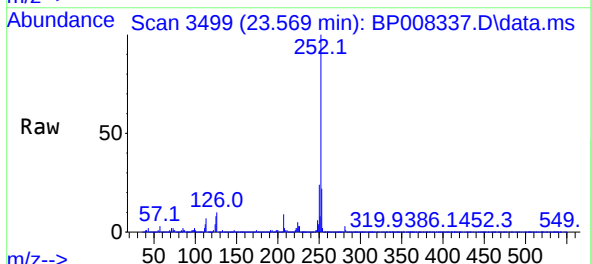
Manual Integrations  
APPROVED

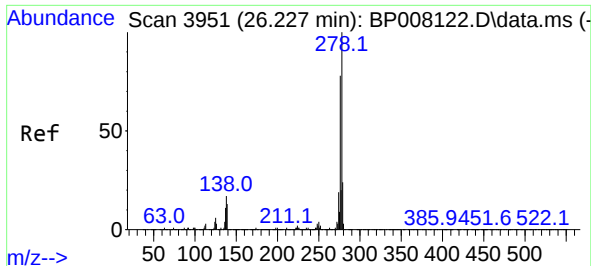
Reviewed By :Christian Giraldo 12/11/2021  
Supervised By :Jagrut Upadhyay 12/13/2021



#90  
Benzo(a)pyrene  
Concen: 53.171 ng  
RT: 23.569 min Scan# 3499  
Delta R.T. 0.000 min  
Lab File: BP008337.D  
Acq: 10 Dec 2021 12:45

Tgt Ion:252 Resp: 1088878  
Ion Ratio Lower Upper  
252 100  
253 22.1 17.6 26.4  
125 8.0 7.4 11.0





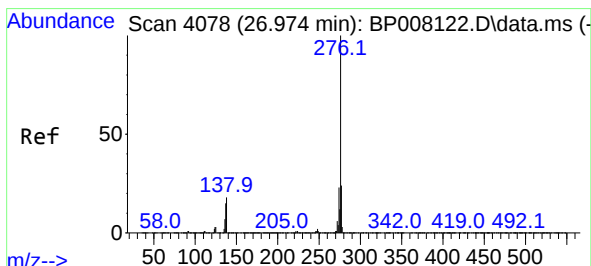
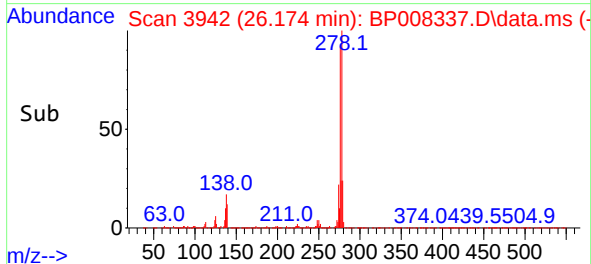
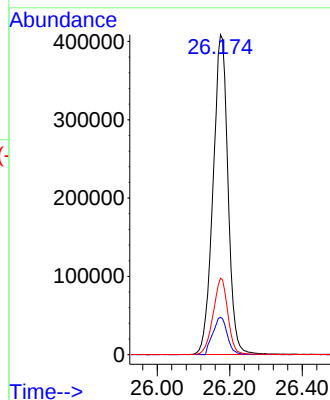
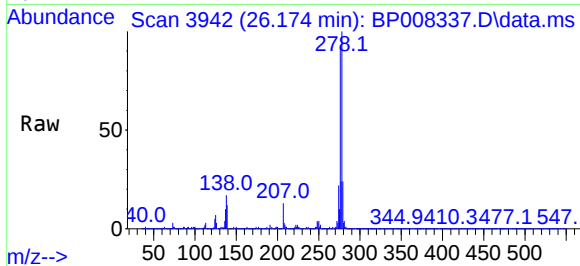
#91  
Dibenzo(a,h)anthracene  
Concen: 48.722 ng  
RT: 26.174 min Scan# 3951  
Delta R.T. 0.006 min  
Lab File: BP008337.D  
Acq: 10 Dec 2021 12:45

Instrument :  
BNA\_P  
ClientSampleId :  
PB141245BS

Tgt Ion:278 Resp: 117003  
Ion Ratio Lower Upper  
278 100  
139 11.7 10.8 16.2  
279 23.9 19.1 28.7

Manual Integrations  
APPROVED

Reviewed By :Christian Giraldo 12/11/2021  
Supervised By :Jagrut Upadhyay 12/13/2021



#92  
Benzo(g,h,i)perylene  
Concen: 47.478 ng  
RT: 26.921 min Scan# 4069  
Delta R.T. 0.000 min  
Lab File: BP008337.D  
Acq: 10 Dec 2021 12:45

Tgt Ion:276 Resp: 1150252  
Ion Ratio Lower Upper  
276 100  
277 23.9 20.0 30.0  
138 15.4 14.1 21.1

