

Data Path : Z:\svoasrv\HPCHEM1\BNA\_P\Data\BP082521\  
 Data File : BP006876.D  
 Acq On : 25 Aug 2021 11:08  
 Operator : CG/JU  
 Sample : PB138637BS  
 Misc :  
 ALS Vial : 4 Sample Multiplier: 1

Instrument :  
 BNA\_P  
 ClientSampleId :  
 PB138637BS

Manual Integrations  
 APPROVED

mohammad  
 8/26/2021 11:40:29 AM

Quant Time: Aug 25 12:26:05 2021  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_P\Methods\8270E-BP080321.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Wed Aug 25 11:27:41 2021  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc    | Units | Dev(Min) |
|-------------------------------|--------|------|----------|---------|-------|----------|
| -----                         |        |      |          |         |       |          |
| Internal Standards            |        |      |          |         |       |          |
| 1) 1,4-Dichlorobenzene-d4     | 7.681  | 152  | 123836   | 20.000  | ng    | 0.00     |
| 21) Naphthalene-d8            | 10.463 | 136  | 515841   | 20.000  | ng    | # 0.00   |
| 39) Acenaphthene-d10          | 14.328 | 164  | 286253   | 20.000  | ng    | 0.00     |
| 64) Phenanthrene-d10          | 17.087 | 188  | 570016   | 20.000  | ng    | # 0.00   |
| 76) Chrysene-d12              | 21.198 | 240  | 591525   | 20.000  | ng    | # 0.00   |
| 86) Perylene-d12              | 23.498 | 264  | 648375   | 20.000  | ng    | 0.00     |
| System Monitoring Compounds   |        |      |          |         |       |          |
| 5) 2-Fluorophenol             | 5.287  | 112  | 1167107  | 144.757 | ng    | 0.00     |
| 7) Phenol-d6                  | 6.875  | 99   | 1410146  | 123.125 | ng    | 0.00     |
| 23) Nitrobenzene-d5           | 8.846  | 82   | 967295   | 86.554  | ng    | 0.00     |
| 42) 2,4,6-Tribromophenol      | 15.828 | 330  | 436136   | 145.784 | ng    | 0.00     |
| 45) 2-Fluorobiphenyl          | 12.946 | 172  | 1695569  | 88.620  | ng    | 0.00     |
| 79) Terphenyl-d14             | 19.669 | 244  | 2599028  | 88.042  | ng    | 0.00     |
| Target Compounds              |        |      |          |         |       |          |
|                               |        |      |          |         |       | Qvalue   |
| 2) 1,4-Dioxane                | 3.229  | 88   | 132181   | 37.657  | ng    | 96       |
| 3) Pyridine                   | 3.623  | 79   | 332339   | 32.214  | ng    | 98       |
| 4) n-Nitrosodimethylamine     | 3.540  | 42   | 156022   | 40.068  | ng    | # 74     |
| 6) Aniline                    | 7.022  | 93   | 557858   | 44.841  | ng    | 97       |
| 8) 2-Chlorophenol             | 7.252  | 128  | 422603   | 48.444  | ng    | 95       |
| 9) Benzaldehyde               | 6.834  | 77   | 305045   | 44.253  | ng    | 92       |
| 10) Phenol                    | 6.899  | 94   | 520218   | 45.298  | ng    | 98       |
| 11) bis(2-Chloroethyl)ether   | 7.122  | 93   | 386726   | 44.348  | ng    | 94       |
| 12) 1,3-Dichlorobenzene       | 7.569  | 146  | 428290   | 47.107  | ng    | 97       |
| 13) 1,4-Dichlorobenzene       | 7.717  | 146  | 437701   | 47.435  | ng    | 98       |
| 14) 1,2-Dichlorobenzene       | 8.028  | 146  | 416203   | 47.006  | ng    | 95       |
| 15) Benzyl Alcohol            | 7.934  | 79   | 384637   | 44.783  | ng    | 94       |
| 16) 2,2'-oxybis(1-Chloropr... | 8.211  | 45   | 406757   | 39.199  | ng    | 95       |
| 17) 2-Methylphenol            | 8.140  | 107  | 343915   | 47.426  | ng    | 98       |
| 18) Hexachloroethane          | 8.746  | 117  | 178982   | 49.006  | ng    | 91       |
| 19) n-Nitroso-di-n-propyla... | 8.499  | 70   | 313192   | 40.760  | ng    | 95       |
| 20) 3+4-Methylphenols         | 8.469  | 107  | 461714   | 46.778  | ng    | 98       |
| 22) Acetophenone              | 8.511  | 105  | 630986   | 46.125  | ng    | # 98     |
| 24) Nitrobenzene              | 8.887  | 77   | 500348   | 43.069  | ng    | 93       |
| 25) Isophorone                | 9.416  | 82   | 830771   | 41.388  | ng    | 96       |
| 26) 2-Nitrophenol             | 9.593  | 139  | 209149   | 49.470  | ng    | 94       |
| 27) 2,4-Dimethylphenol        | 9.663  | 122  | 369260   | 52.157  | ng    | 96       |
| 28) bis(2-Chloroethoxy)met... | 9.899  | 93   | 501043   | 46.652  | ng    | 98       |
| 29) 2,4-Dichlorophenol        | 10.122 | 162  | 341853   | 47.693  | ng    | 95       |
| 30) 1,2,4-Trichlorobenzene    | 10.334 | 180  | 359210   | 46.638  | ng    | 96       |
| 31) Naphthalene               | 10.516 | 128  | 1245151  | 44.921  | ng    | 99       |
| 32) Benzoic acid              | 9.828  | 122  | 248992   | 45.462  | ng    | 92       |
| 33) 4-Chloroaniline           | 10.640 | 127  | 402110   | 35.849  | ng    | 95       |
| 34) Hexachlorobutadiene       | 10.793 | 225  | 217275   | 48.410  | ng    | 99       |
| 35) Caprolactam               | 11.452 | 113  | 120508m  | 46.626  | ng    |          |
| 36) 4-Chloro-3-methylphenol   | 11.775 | 107  | 426785   | 46.864  | ng    | 89       |
| 37) 2-Methylnaphthalene       | 12.134 | 142  | 844704   | 44.972  | ng    | 99       |
| 38) 1-Methylnaphthalene       | 12.357 | 142  | 777478   | 43.558  | ng    | 98       |
| 40) 1,2,4,5-Tetrachloroben... | 12.504 | 216  | 362524   | 48.388  | ng    | # 94     |
| 41) Hexachlorocyclopentadiene | 12.481 | 237  | 453855   | 114.218 | ng    | 98       |
| 43) 2,4,6-Trichlorophenol     | 12.757 | 196  | 251175   | 49.099  | ng    | 97       |

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Manual Integrations  
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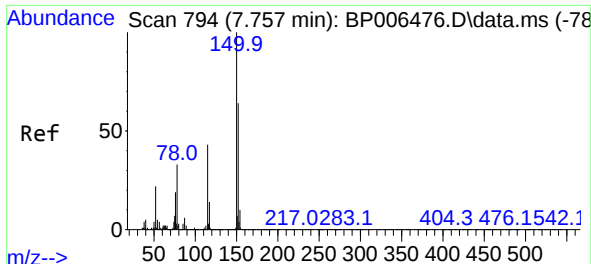
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| Compound                      | R.T.   | QIon | Response | Conc    | Units | Dev(Min) |
|-------------------------------|--------|------|----------|---------|-------|----------|
| 44) 2,4,5-Trichlorophenol     | 12.828 | 196  | 274382   | 48.455  | ng    | # 87     |
| 46) 1,1'-Biphenyl             | 13.157 | 154  | 977545   | 45.117  | ng    | 96       |
| 47) 2-Chloronaphthalene       | 13.199 | 162  | 770844   | 46.200  | ng    | 94       |
| 48) 2-Nitroaniline            | 13.416 | 65   | 280735   | 47.677  | ng    | # 84     |
| 49) Acenaphthylene            | 14.051 | 152  | 1273951  | 47.352  | ng    | 99       |
| 50) Dimethylphthalate         | 13.804 | 163  | 973192   | 46.705  | ng    | 99       |
| 51) 2,6-Dinitrotoluene        | 13.922 | 165  | 211011   | 45.383  | ng    | # 76     |
| 52) Acenaphthene              | 14.393 | 154  | 739518   | 45.165  | ng    | 97       |
| 53) 3-Nitroaniline            | 14.251 | 138  | 198713   | 38.551  | ng    | 84       |
| 54) 2,4-Dinitrophenol         | 14.463 | 184  | 236840   | 97.407  | ng    | # 74     |
| 55) Dibenzofuran              | 14.728 | 168  | 1149505  | 44.632  | ng    | 93       |
| 56) 4-Nitrophenol             | 14.575 | 139  | 434901   | 97.168  | ng    | # 88     |
| 57) 2,4-Dinitrotoluene        | 14.710 | 165  | 304214   | 48.787  | ng    | # 73     |
| 58) Fluorene                  | 15.381 | 166  | 939186   | 45.623  | ng    | 99       |
| 59) 2,3,4,6-Tetrachlorophenol | 14.963 | 232  | 230437   | 48.560  | ng    | # 69     |
| 60) Diethylphthalate          | 15.175 | 149  | 1056204  | 48.260  | ng    | 97       |
| 61) 4-Chlorophenyl-phenyle... | 15.381 | 204  | 431933   | 46.332  | ng    | # 87     |
| 62) 4-Nitroaniline            | 15.422 | 138  | 238696   | 43.640  | ng    | 96       |
| 63) Azobenzene                | 15.675 | 77   | 1162623  | 45.564  | ng    | 93       |
| 65) 4,6-Dinitro-2-methylph... | 15.481 | 198  | 148538   | 42.648  | ng    | 74       |
| 66) n-Nitrosodiphenylamine    | 15.604 | 169  | 808227   | 45.111  | ng    | 99       |
| 67) 4-Bromophenyl-phenylether | 16.281 | 248  | 257924   | 47.159  | ng    | # 87     |
| 68) Hexachlorobenzene         | 16.387 | 284  | 290804   | 46.723  | ng    | # 87     |
| 69) Atrazine                  | 16.569 | 200  | 291408   | 52.123  | ng    | 96       |
| 70) Pentachlorophenol         | 16.740 | 266  | 396663   | 100.448 | ng    | 99       |
| 71) Phenanthrene              | 17.128 | 178  | 1467494  | 45.642  | ng    | 99       |
| 72) Anthracene                | 17.222 | 178  | 1500792  | 48.306  | ng    | 100      |
| 73) Carbazole                 | 17.498 | 167  | 1430083  | 45.128  | ng    | 98       |
| 74) Di-n-butylphthalate       | 18.069 | 149  | 1823233  | 50.499  | ng    | 99       |
| 75) Fluoranthene              | 19.110 | 202  | 1699913  | 47.105  | ng    | 95       |
| 77) Benzidine                 | 19.304 | 184  | 1235286  | 83.454  | ng    | 99       |
| 78) Pyrene                    | 19.463 | 202  | 1759151  | 44.523  | ng    | 99       |
| 80) Butylbenzylphthalate      | 20.357 | 149  | 871002   | 50.132  | ng    | 90       |
| 81) Benzo(a)anthracene        | 21.180 | 228  | 1752929  | 45.344  | ng    | 99       |
| 82) 3,3'-Dichlorobenzidine    | 21.122 | 252  | 579044   | 57.055  | ng    | # 96     |
| 83) Chrysene                  | 21.233 | 228  | 1727173  | 46.086  | ng    | 99       |
| 84) Bis(2-ethylhexyl)phtha... | 21.122 | 149  | 1327598  | 50.849  | ng    | # 96     |
| 85) Di-n-octyl phthalate      | 22.016 | 149  | 2343284  | 54.452  | ng    | # 96     |
| 87) Indeno(1,2,3-cd)pyrene    | 25.886 | 276  | 2359426  | 50.186  | ng    | # 91     |
| 88) Benzo(b)fluoranthene      | 22.804 | 252  | 1984606  | 47.096  | ng    | # 97     |
| 89) Benzo(k)fluoranthene      | 22.851 | 252  | 1818244  | 44.941  | ng    | # 97     |
| 90) Benzo(a)pyrene            | 23.404 | 252  | 1896308  | 50.171  | ng    | # 96     |
| 91) Dibenzo(a,h)anthracene    | 25.904 | 278  | 2002780  | 49.270  | ng    | # 95     |
| 92) Benzo(g,h,i)perylene      | 26.616 | 276  | 1970443  | 50.585  | ng    | # 93     |

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





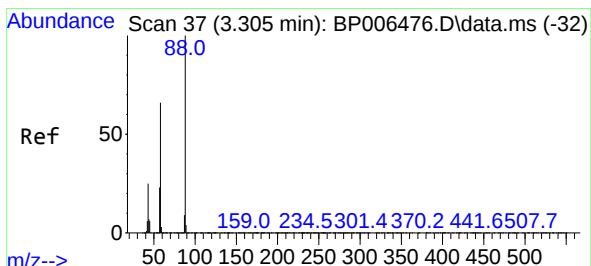
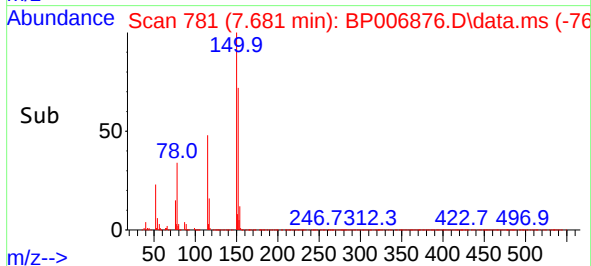
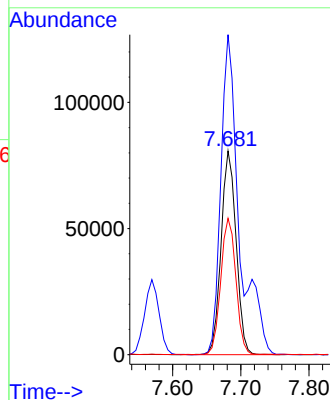
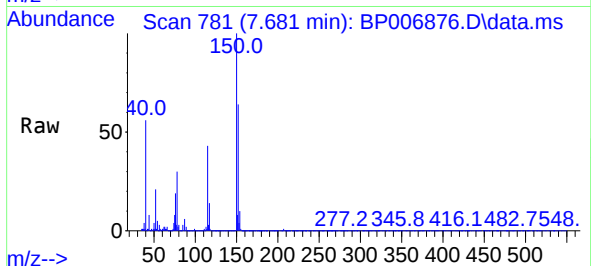
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1,4-Dichlorobenzene-d4  
Concen: 20.000 ng  
RT: 7.681 min Scan# 781  
Delta R.T. 0.000 min  
Lab File: BP006876.D  
Acq: 25 Aug 2021 11:08

Tgt Ion: 152 Resp: 123836  
Ion Ratio Lower Upper  
152 100  
150 157.1 125.6 188.4  
115 67.0 48.5 72.7

Instrument :  
BNA\_P  
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PB138637BS

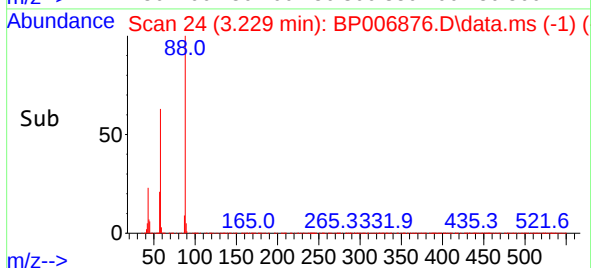
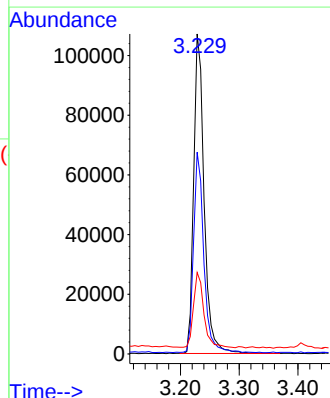
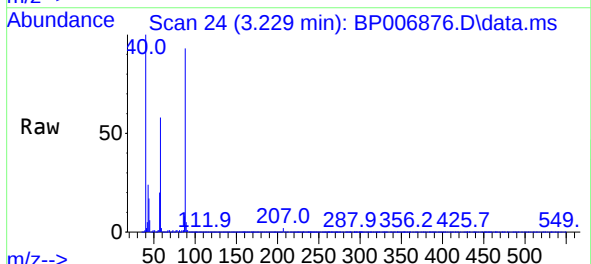
Manual Integrations  
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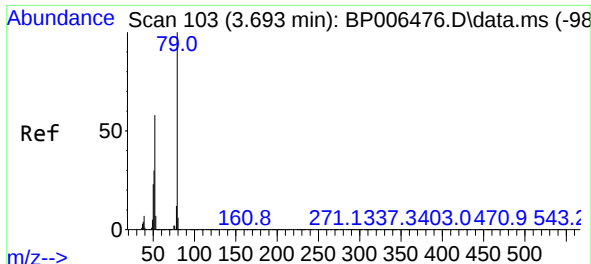
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#2  
1,4-Dioxane  
Concen: 37.657 ng  
RT: 3.229 min Scan# 24  
Delta R.T. -0.006 min  
Lab File: BP006876.D  
Acq: 25 Aug 2021 11:08

Tgt Ion: 88 Resp: 132181  
Ion Ratio Lower Upper  
88 100  
58 61.6 46.7 70.1  
43 23.3 20.3 30.5





#3  
Pyridine  
Concen: 32.214 ng  
RT: 3.623 min Scan# 91  
Delta R.T. -0.006 min  
Lab File: BP006876.D  
Acq: 25 Aug 2021 11:08

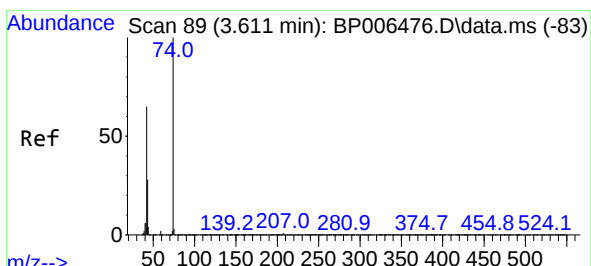
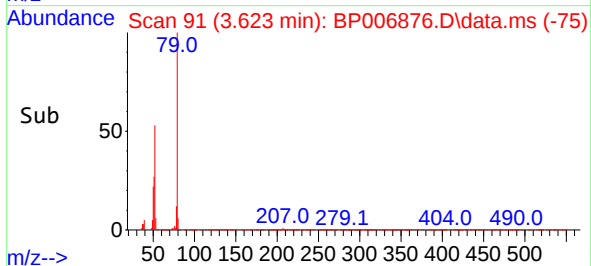
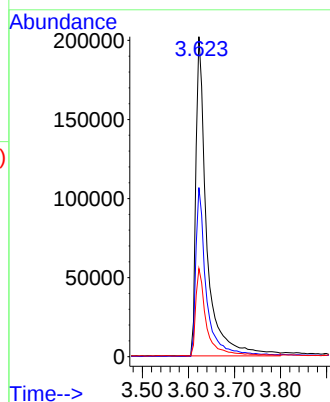
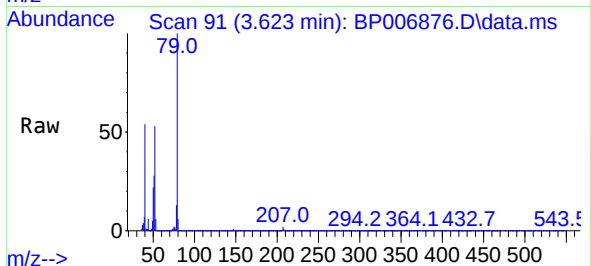
Instrument :  
BNA\_P  
ClientSampleId :  
PB138637BS

Tgt Ion: 79 Resp: 332339

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 79  | 100   |       |       |
| 52  | 52.9  | 41.7  | 62.5  |
| 51  | 27.5  | 24.1  | 36.1  |

Manual Integrations  
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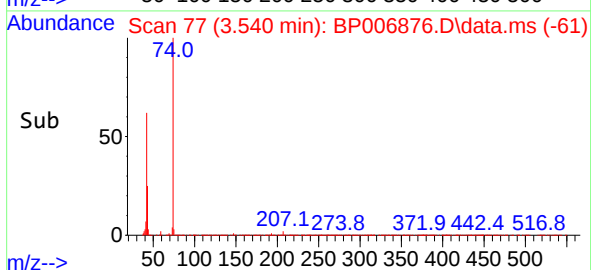
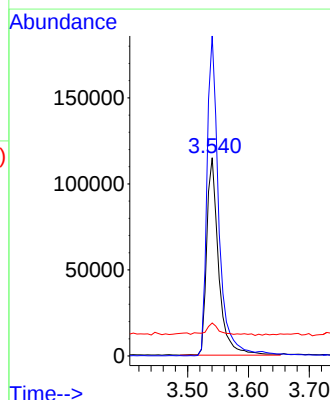
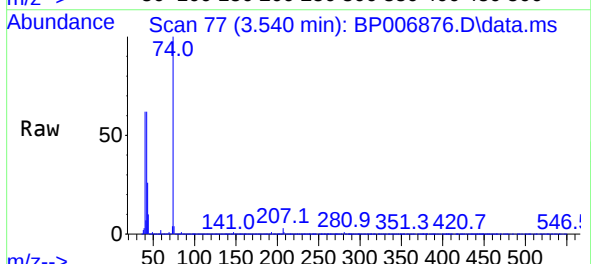
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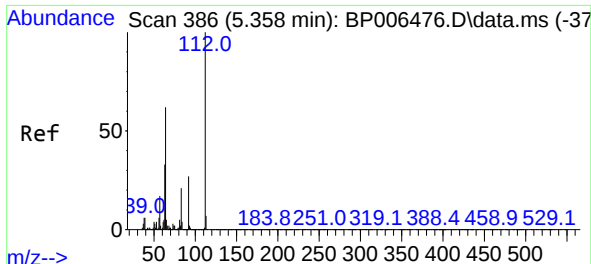


#4  
n-Nitrosodimethylamine  
Concen: 40.068 ng  
RT: 3.540 min Scan# 77  
Delta R.T. -0.006 min  
Lab File: BP006876.D  
Acq: 25 Aug 2021 11:08

Tgt Ion: 42 Resp: 156022

| Ion | Ratio | Lower | Upper  |
|-----|-------|-------|--------|
| 42  | 100   |       |        |
| 74  | 161.4 | 105.4 | 158.0# |
| 44  | 16.6  | 4.2   | 6.4#   |





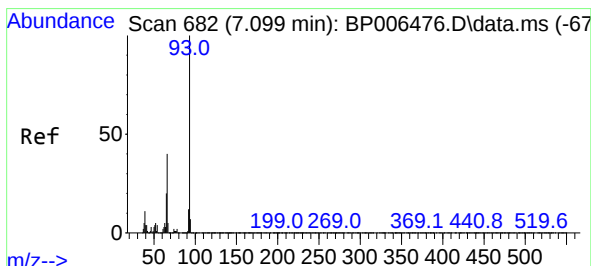
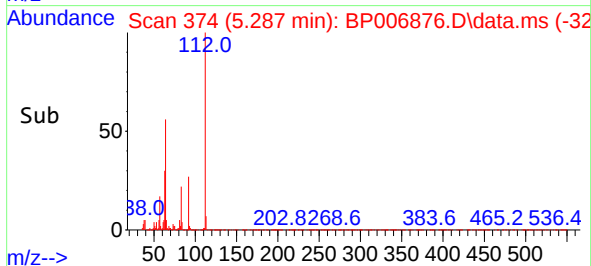
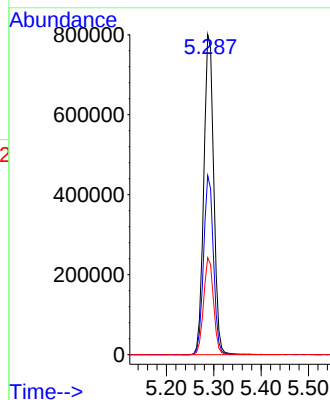
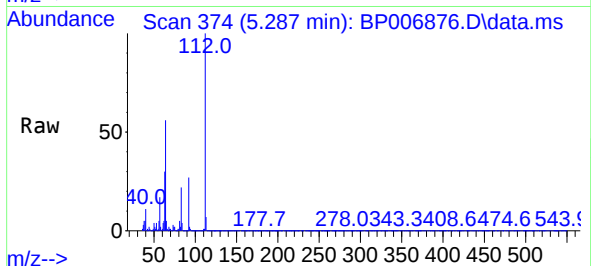
#5  
2-Fluorophenol  
Concen: 144.757 ng  
RT: 5.287 min Scan# 374  
Delta R.T. 0.000 min  
Lab File: BP006876.D  
Acq: 25 Aug 2021 11:08

Tgt Ion: 112 Resp: 1167107  
Ion Ratio Lower Upper  
112 100  
64 56.0 41.4 62.2  
63 30.3 23.8 35.8

Instrument :  
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ClientSampleId :  
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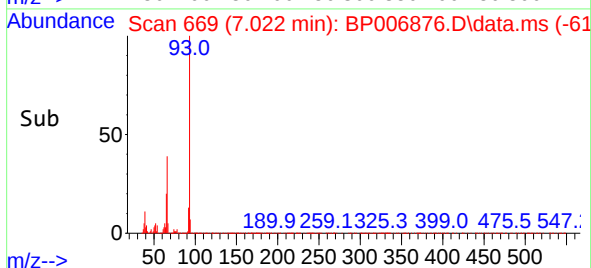
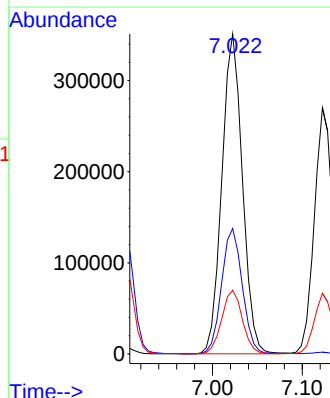
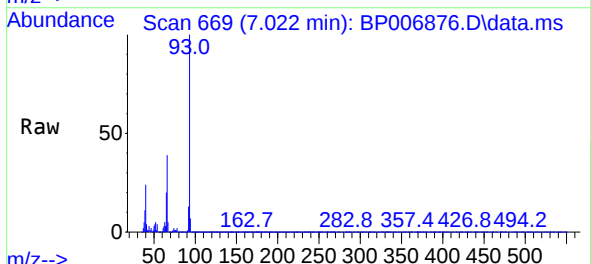
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#6  
Aniline  
Concen: 44.841 ng  
RT: 7.022 min Scan# 669  
Delta R.T. 0.000 min  
Lab File: BP006876.D  
Acq: 25 Aug 2021 11:08

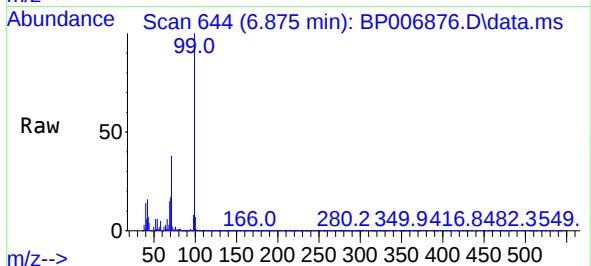
Tgt Ion: 93 Resp: 557858  
Ion Ratio Lower Upper  
93 100  
66 39.2 29.7 44.5  
65 19.9 15.3 22.9





#7  
Phenol-d6  
Concen: 123.125 ng  
RT: 6.875 min Scan# 644  
Delta R.T. 0.006 min  
Lab File: BP006876.D  
Acq: 25 Aug 2021 11:08

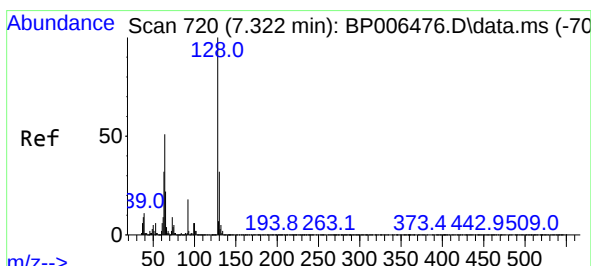
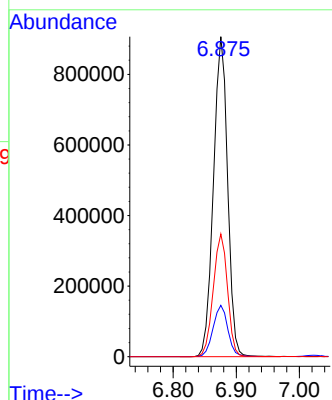
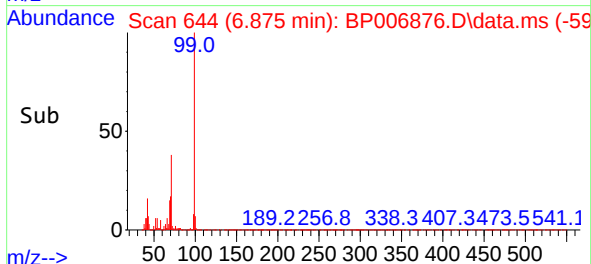
Instrument :  
BNA\_P  
ClientSampled :  
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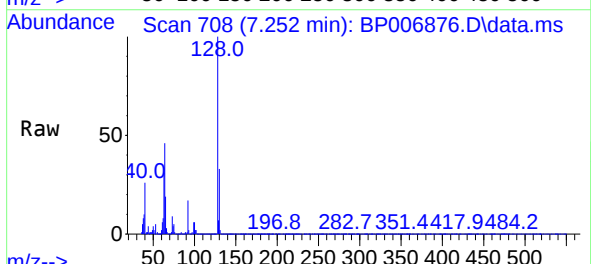
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Ion Ratio Lower Upper  
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71 38.4 30.6 46.0

Manual Integrations  
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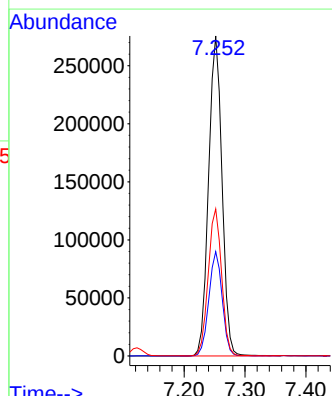
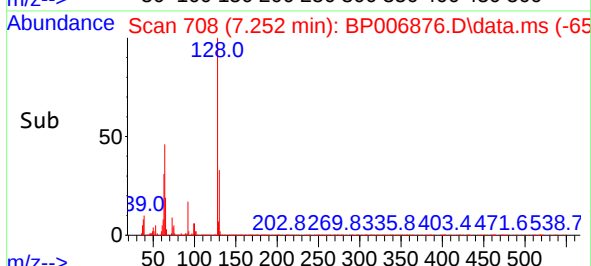
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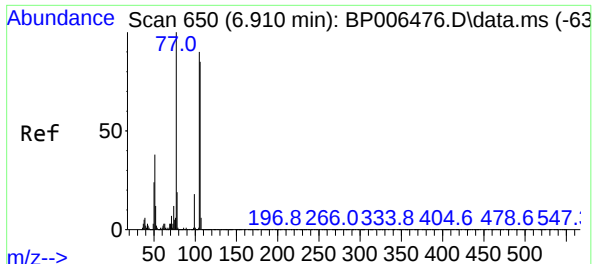


#8  
2-Chlorophenol  
Concen: 48.444 ng  
RT: 7.252 min Scan# 708  
Delta R.T. 0.000 min  
Lab File: BP006876.D  
Acq: 25 Aug 2021 11:08



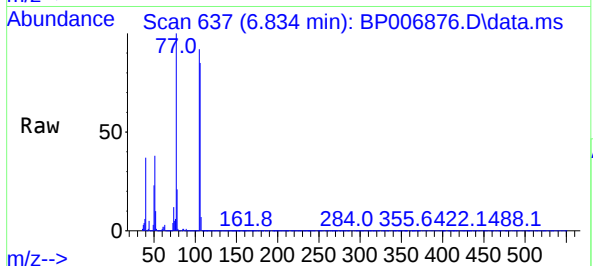
Tgt Ion: 128 Resp: 422603  
Ion Ratio Lower Upper  
128 100  
130 32.6 12.4 52.4  
64 45.9 20.3 60.3





#9  
Benzaldehyde  
Concen: 44.253 ng  
RT: 6.834 min Scan# 637  
Delta R.T. -0.006 min  
Lab File: BP006876.D  
Acq: 25 Aug 2021 11:08

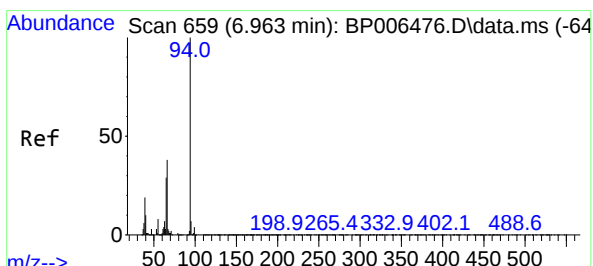
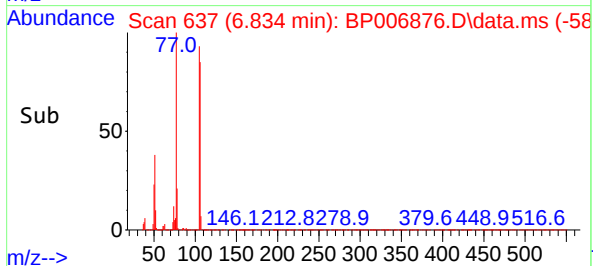
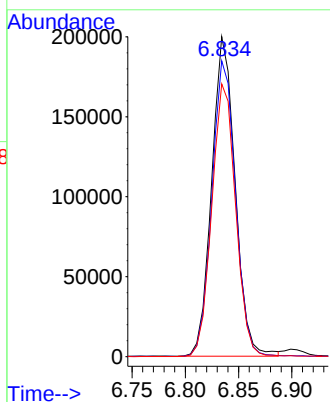
Instrument :  
BNA\_P  
ClientSampleID :  
PB138637BS



Tgt Ion: 77 Resp: 305045  
Ion Ratio Lower Upper  
77 100  
105 92.5 76.7 116.7  
106 85.3 76.2 116.2

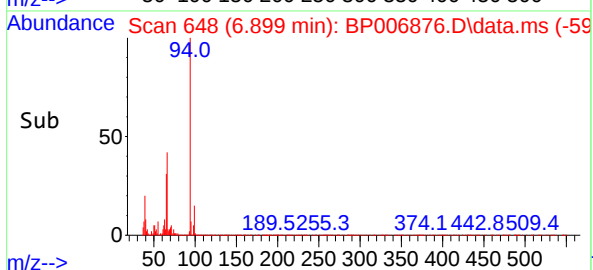
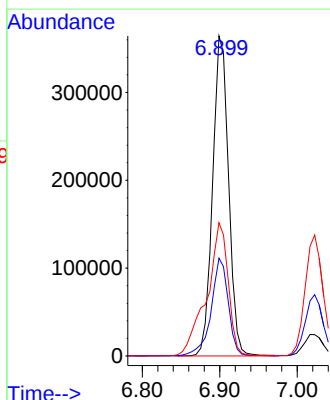
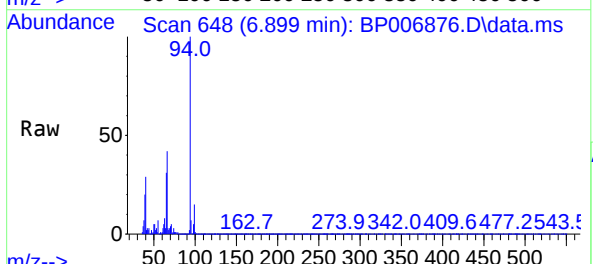
Manual Integrations  
APPROVED

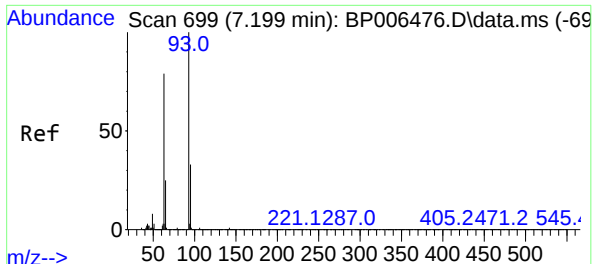
mohammad  
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#10  
Phenol  
Concen: 45.298 ng  
RT: 6.899 min Scan# 648  
Delta R.T. 0.000 min  
Lab File: BP006876.D  
Acq: 25 Aug 2021 11:08

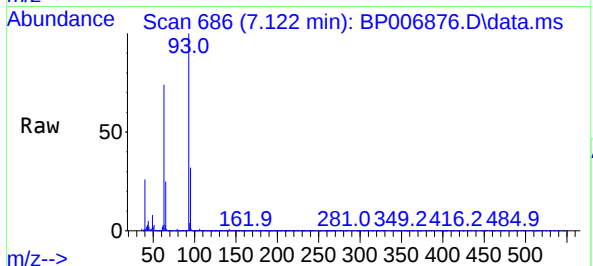
Tgt Ion: 94 Resp: 520218  
Ion Ratio Lower Upper  
94 100  
65 30.6 8.8 48.8  
66 41.6 20.7 60.7





#11  
bis(2-Chloroethyl)ether  
Concen: 44.348 ng  
RT: 7.122 min Scan# 686  
Delta R.T. 0.000 min  
Lab File: BP006876.D  
Acq: 25 Aug 2021 11:08

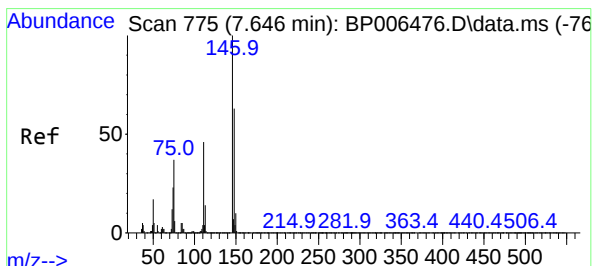
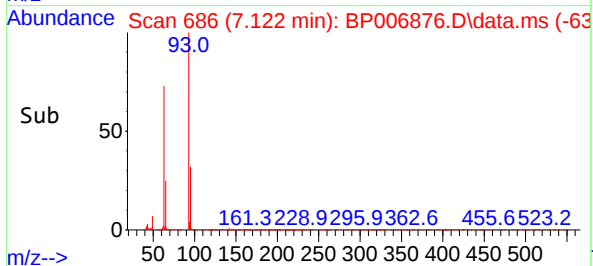
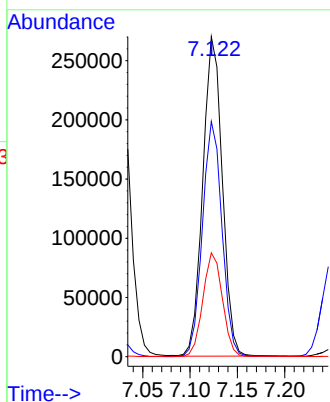
Instrument :  
BNA\_P  
ClientSampleId :  
PB138637BS



Tgt Ion: 93 Resp: 386726  
Ion Ratio Lower Upper  
93 100  
63 73.5 46.2 86.2  
95 32.5 12.2 52.2

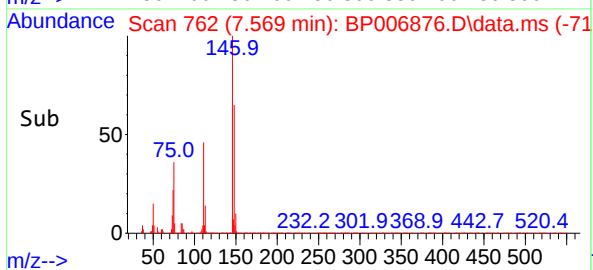
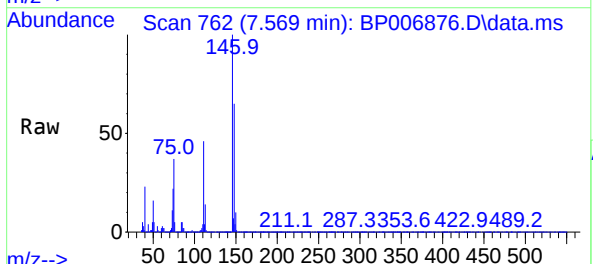
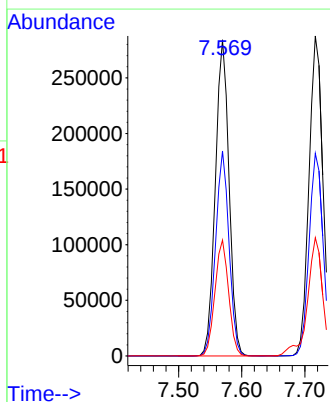
Manual Integrations  
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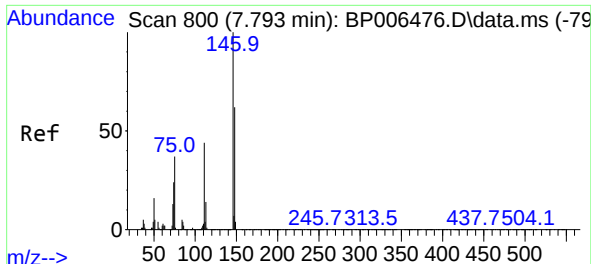
mohammad  
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#12  
1,3-Dichlorobenzene  
Concen: 47.107 ng  
RT: 7.569 min Scan# 762  
Delta R.T. 0.000 min  
Lab File: BP006876.D  
Acq: 25 Aug 2021 11:08

Tgt Ion: 146 Resp: 428290  
Ion Ratio Lower Upper  
146 100  
148 64.8 51.5 77.3  
75 36.6 25.7 38.5





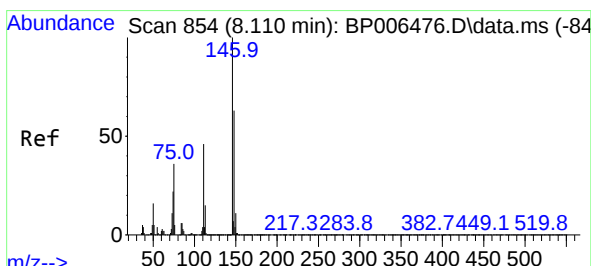
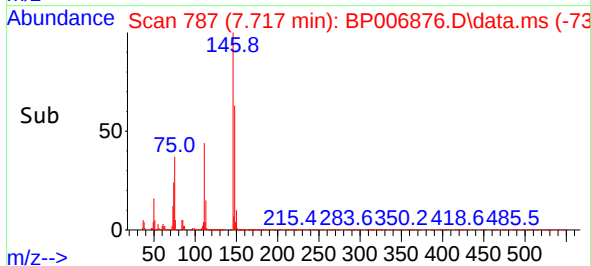
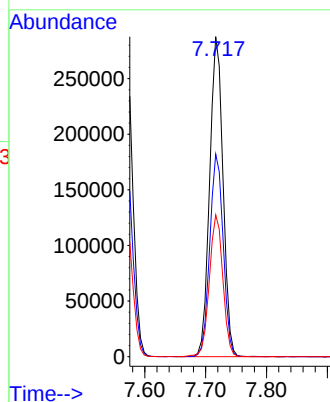
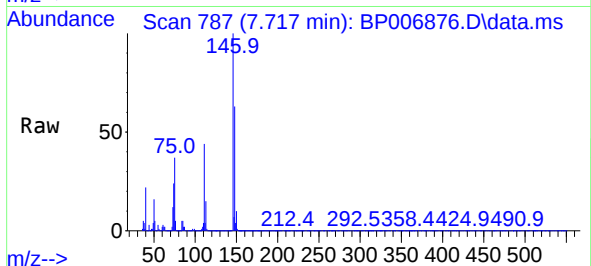
#13  
1,4-Dichlorobenzene  
Concen: 47.435 ng  
RT: 7.717 min Scan# 787  
Delta R.T. 0.000 min  
Lab File: BP006876.D  
Acq: 25 Aug 2021 11:08

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 146   | Resp: | 437701 |
| Ion      | Ratio | Lower | Upper  |
| 146      | 100   |       |        |
| 148      | 63.3  | 51.3  | 76.9   |
| 111      | 44.3  | 33.0  | 49.6   |

Instrument :  
BNA\_P  
ClientSampleId :  
PB138637BS

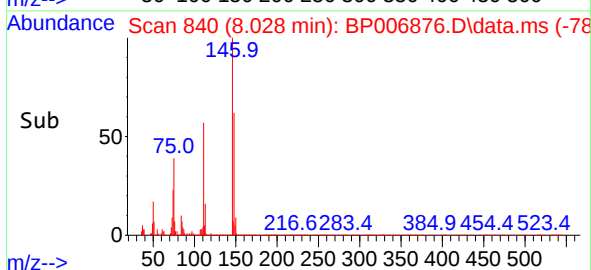
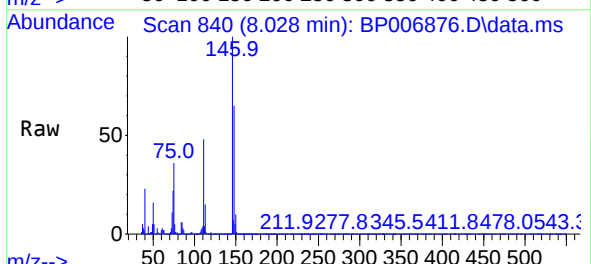
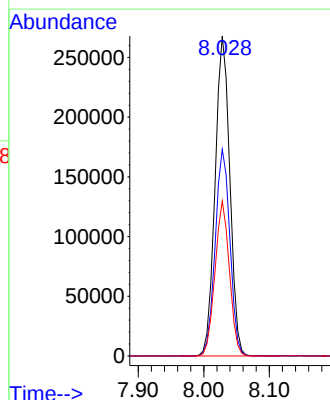
Manual Integrations  
APPROVED

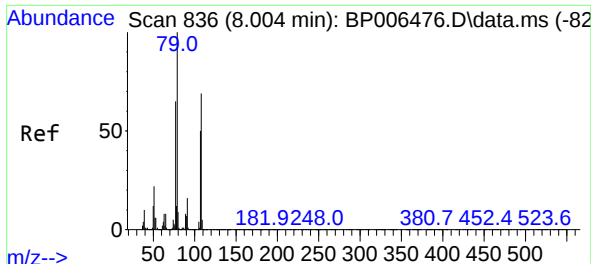
mohammad  
8/26/2021 11:40:29 AM



#14  
1,2-Dichlorobenzene  
Concen: 47.006 ng  
RT: 8.028 min Scan# 840  
Delta R.T. 0.000 min  
Lab File: BP006876.D  
Acq: 25 Aug 2021 11:08

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 146   | Resp: | 416203 |
| Ion      | Ratio | Lower | Upper  |
| 146      | 100   |       |        |
| 148      | 64.5  | 50.3  | 75.5   |
| 111      | 48.4  | 33.7  | 50.5   |





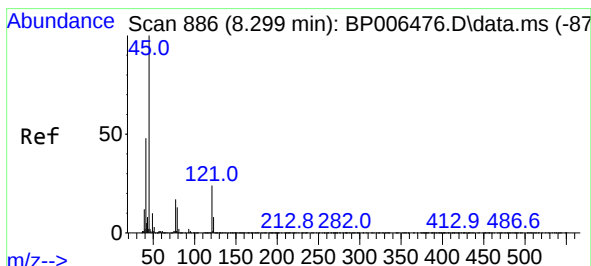
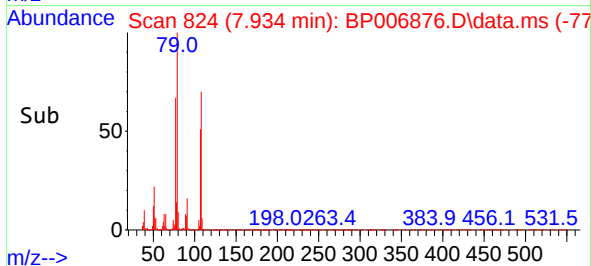
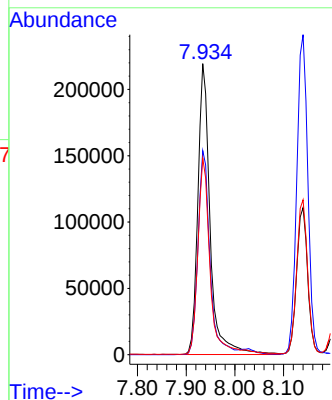
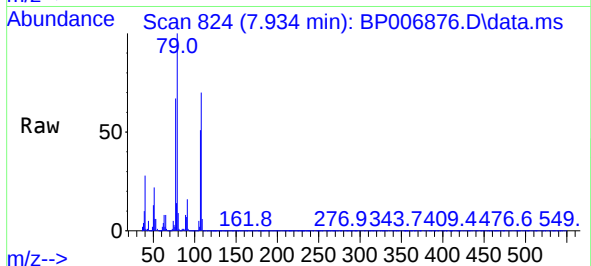
#15  
Benzyl Alcohol  
Concen: 44.783 ng  
RT: 7.934 min Scan# 824  
Delta R.T. 0.000 min  
Lab File: BP006876.D  
Acq: 25 Aug 2021 11:08

Tgt Ion: 79 Resp: 384637  
Ion Ratio Lower Upper  
79 100  
108 70.1 62.5 93.7  
77 67.5 52.9 79.3

Instrument :  
BNA\_P  
ClientSampleId :  
PB138637BS

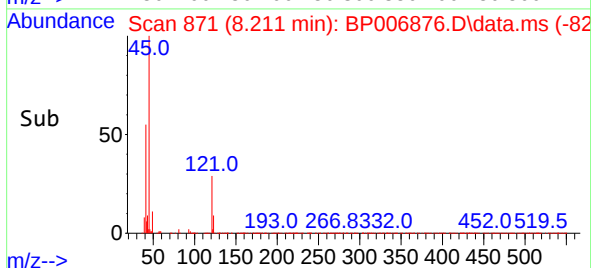
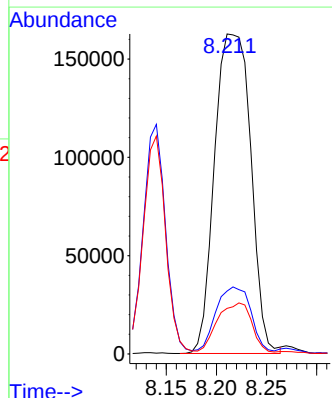
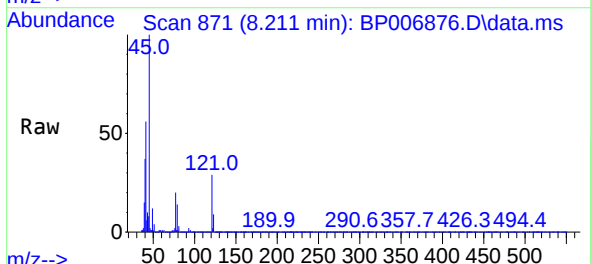
Manual Integrations  
APPROVED

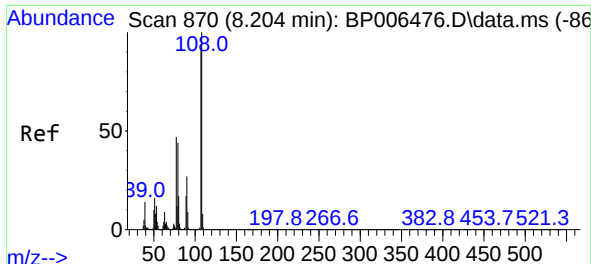
mohammad  
8/26/2021 11:40:29 AM



#16  
2,2'-oxybis(1-Chloropropane)  
Concen: 39.199 ng  
RT: 8.211 min Scan# 871  
Delta R.T. -0.011 min  
Lab File: BP006876.D  
Acq: 25 Aug 2021 11:08

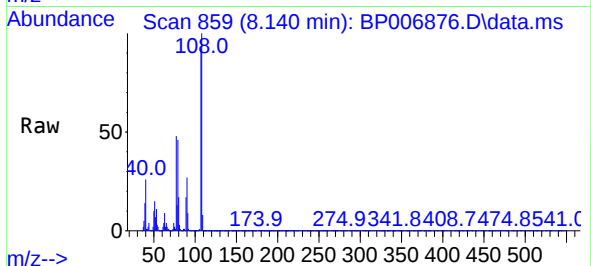
Tgt Ion: 45 Resp: 406757  
Ion Ratio Lower Upper  
45 100  
77 19.7 2.0 42.0  
79 14.3 0.0 36.7





#17  
2-Methylphenol  
Concen: 47.426 ng  
RT: 8.140 min Scan# 859  
Delta R.T. 0.006 min  
Lab File: BP006876.D  
Acq: 25 Aug 2021 11:08

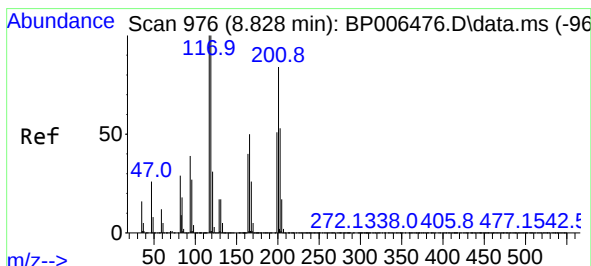
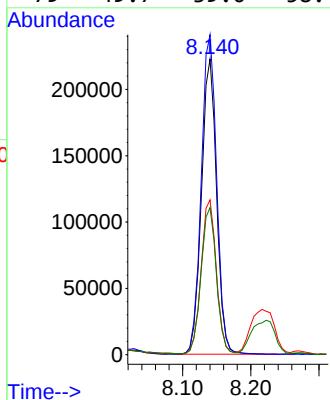
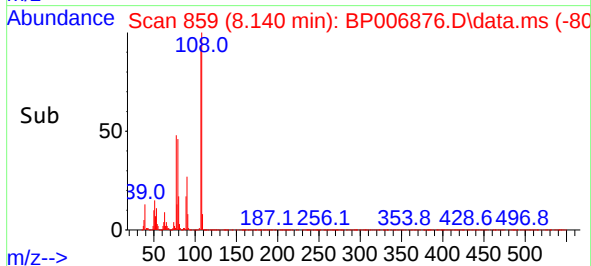
Instrument :  
BNA\_P  
ClientSampleId :  
PB138637BS



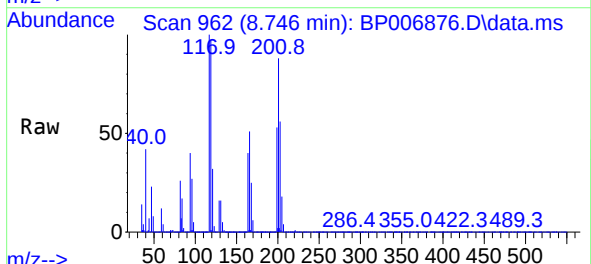
Tgt Ion:107 Resp: 343915  
Ion Ratio Lower Upper  
107 100  
108 108.2 87.7 131.5  
77 52.4 40.2 60.2  
79 49.7 39.0 58.4

Manual Integrations  
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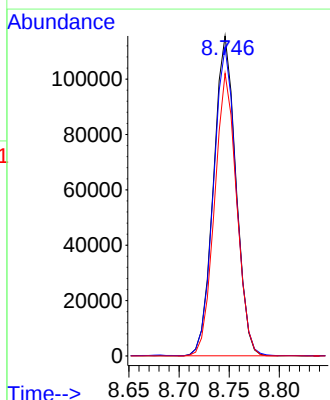
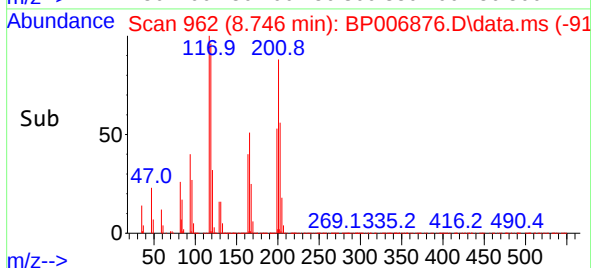
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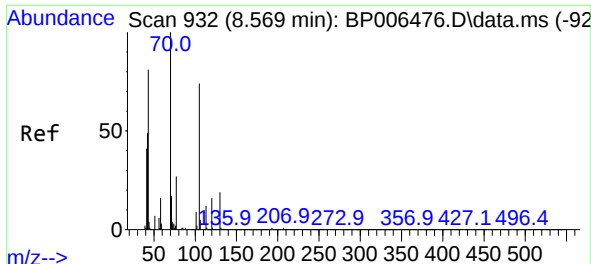


#18  
Hexachloroethane  
Concen: 49.006 ng  
RT: 8.746 min Scan# 962  
Delta R.T. 0.000 min  
Lab File: BP006876.D  
Acq: 25 Aug 2021 11:08



Tgt Ion:117 Resp: 178982  
Ion Ratio Lower Upper  
117 100  
119 96.5 76.2 114.2  
201 88.3 83.4 125.0





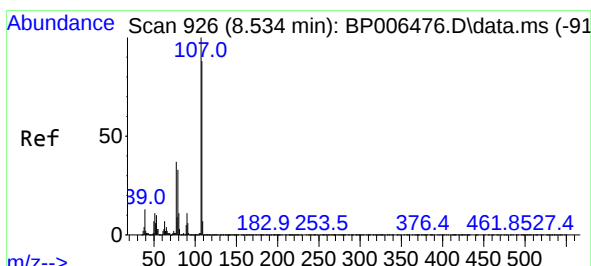
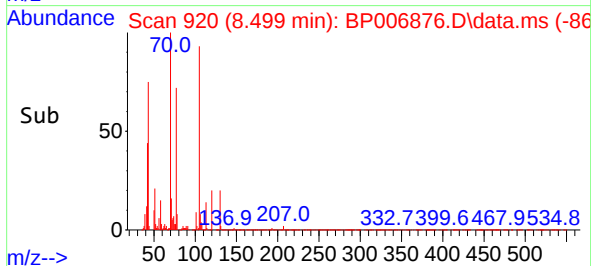
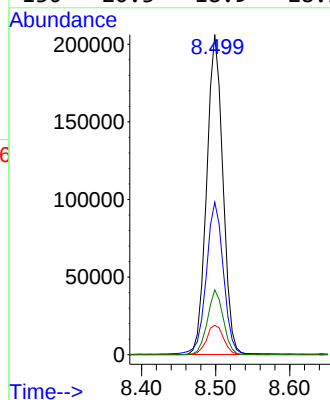
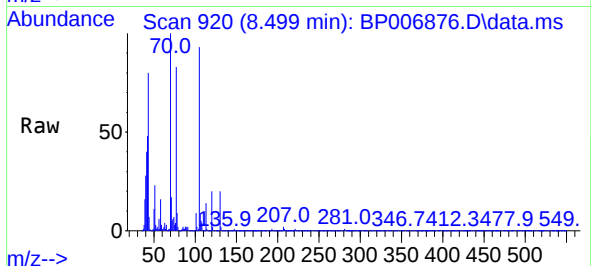
#19  
n-Nitroso-di-n-propylamine  
Concen: 40.760 ng  
RT: 8.499 min Scan# 920  
Delta R.T. 0.000 min  
Lab File: BP006876.D  
Acq: 25 Aug 2021 11:08

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 70    | Resp: | 313192 |
| Ion      | Ratio | Lower | Upper  |
| 70       | 100   |       |        |
| 42       | 47.7  | 40.8  | 61.2   |
| 101      | 9.2   | 8.8   | 13.2   |
| 130      | 20.3  | 18.9  | 28.3   |

Instrument :  
BNA\_P  
ClientSampleId :  
PB138637BS

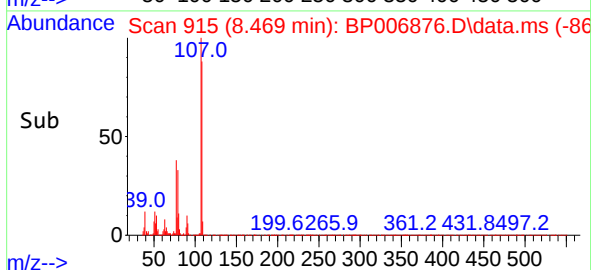
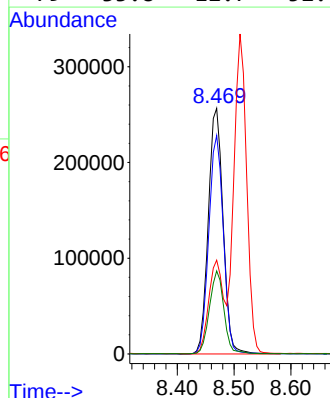
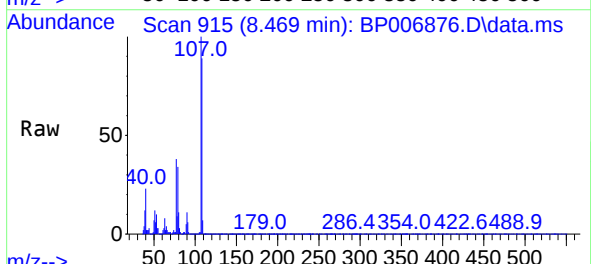
Manual Integrations  
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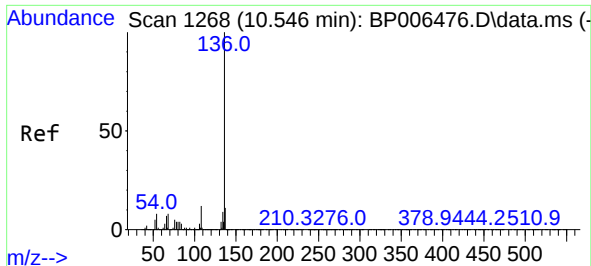
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#20  
3+4-Methylphenols  
Concen: 46.778 ng  
RT: 8.469 min Scan# 915  
Delta R.T. 0.006 min  
Lab File: BP006876.D  
Acq: 25 Aug 2021 11:08

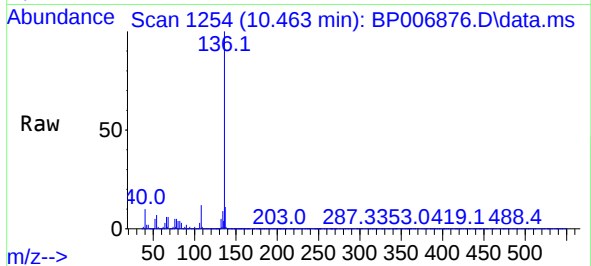
|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 107   | Resp: | 461714 |
| Ion      | Ratio | Lower | Upper  |
| 107      | 100   |       |        |
| 108      | 88.9  | 71.0  | 111.0  |
| 77       | 38.1  | 16.6  | 56.6   |
| 79       | 33.8  | 12.7  | 52.7   |





#21  
Naphthalene-d8  
Concen: 20.000 ng  
RT: 10.463 min Scan# 1254  
Delta R.T. 0.000 min  
Lab File: BP006876.D  
Acq: 25 Aug 2021 11:08

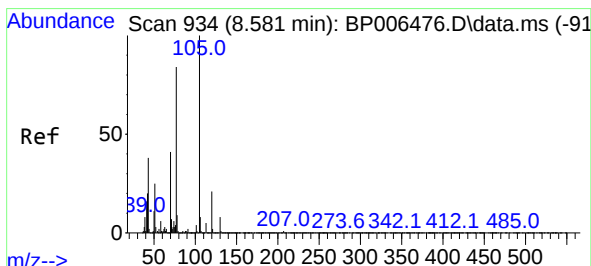
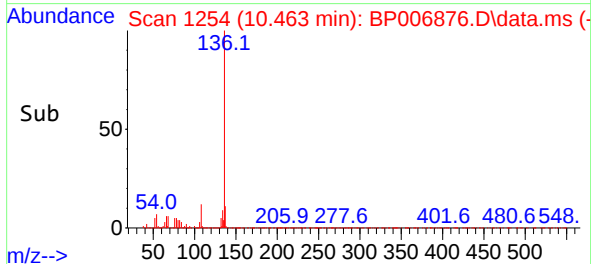
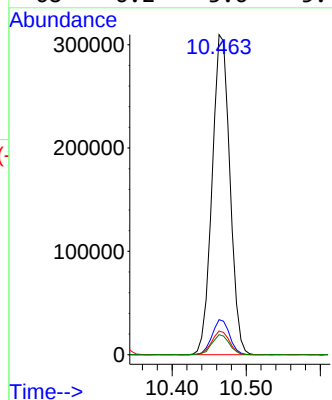
Instrument :  
BNA\_P  
ClientSampleId :  
PB138637BS



Tgt Ion:136 Resp: 515841  
Ion Ratio Lower Upper  
136 100  
137 10.9 8.6 12.8  
54 7.4 4.6 6.8#  
68 6.2 3.6 5.4#

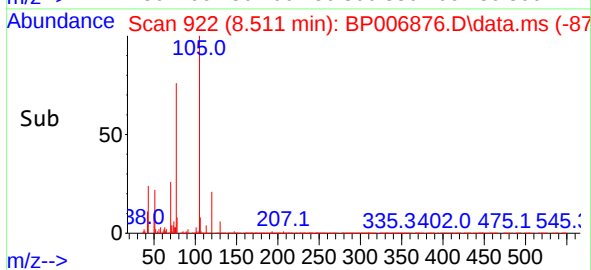
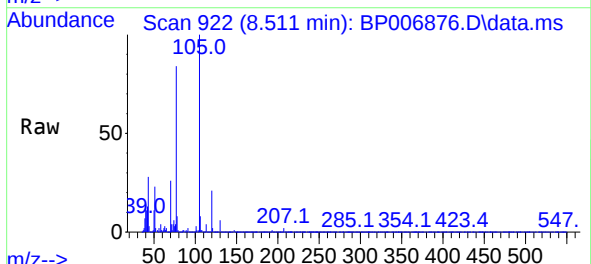
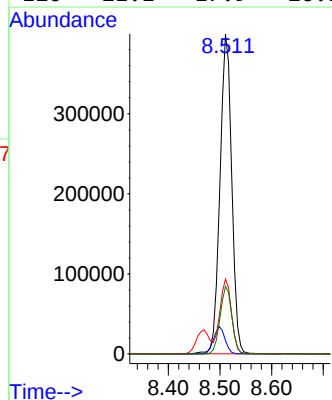
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#22  
Acetophenone  
Concen: 46.125 ng  
RT: 8.511 min Scan# 922  
Delta R.T. 0.000 min  
Lab File: BP006876.D  
Acq: 25 Aug 2021 11:08

Tgt Ion:105 Resp: 630986  
Ion Ratio Lower Upper  
105 100  
71 4.2 1.9 2.9#  
51 23.4 18.4 27.6  
120 21.1 17.9 26.9





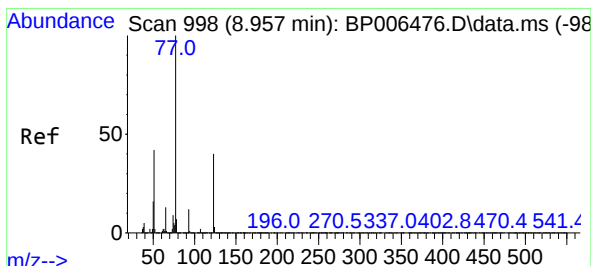
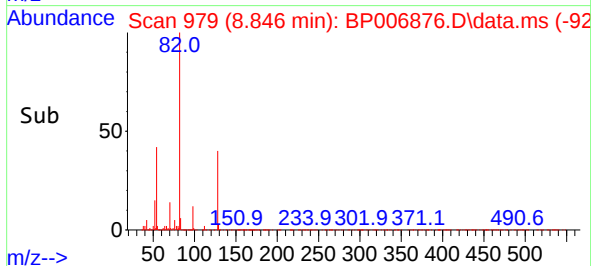
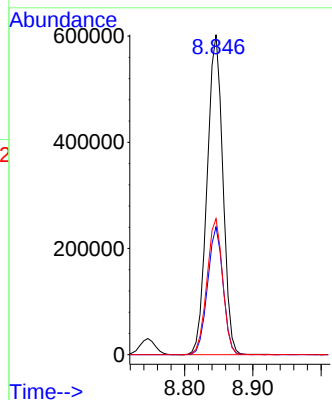
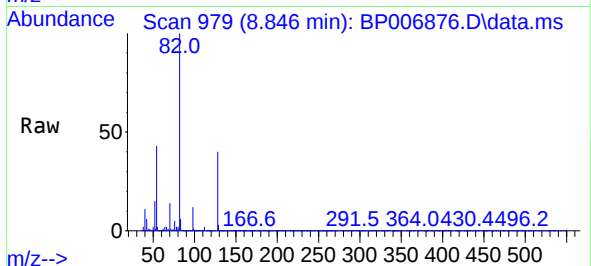
#23  
Nitrobenzene-d5  
Concen: 86.554 ng  
RT: 8.846 min Scan# 979  
Delta R.T. 0.000 min  
Lab File: BP006876.D  
Acq: 25 Aug 2021 11:08

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 82    | Resp: | 967295 |
| Ion      | Ratio | Lower | Upper  |
| 82       | 100   |       |        |
| 128      | 39.9  | 35.7  | 53.5   |
| 54       | 42.5  | 35.0  | 52.4   |

Instrument :  
BNA\_P  
ClientSampleId :  
PB138637BS

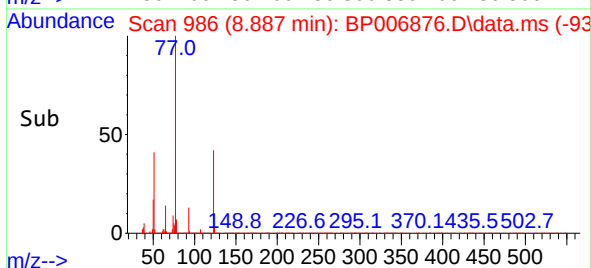
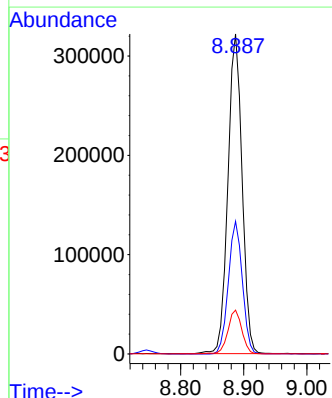
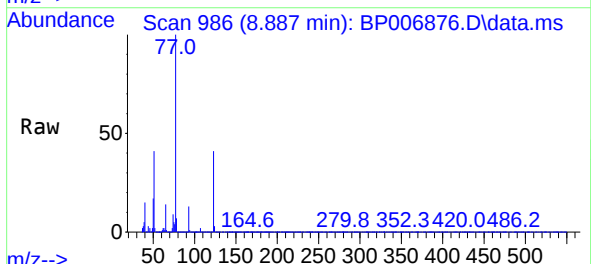
Manual Integrations  
APPROVED

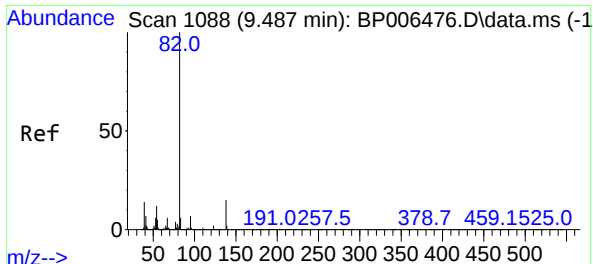
mohammad  
8/26/2021 11:40:29 AM



#24  
Nitrobenzene  
Concen: 43.069 ng  
RT: 8.887 min Scan# 986  
Delta R.T. 0.000 min  
Lab File: BP006876.D  
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|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 77    | Resp: | 500348 |
| Ion      | Ratio | Lower | Upper  |
| 77       | 100   |       |        |
| 123      | 41.5  | 38.2  | 57.2   |
| 65       | 13.7  | 11.4  | 17.2   |





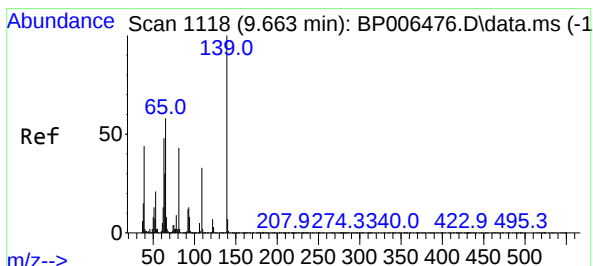
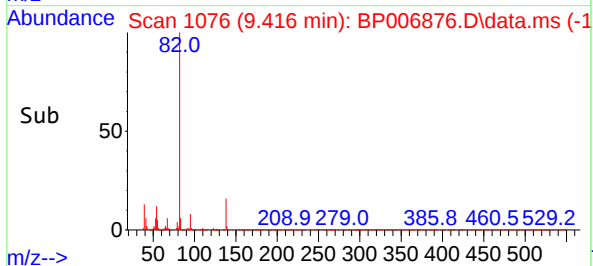
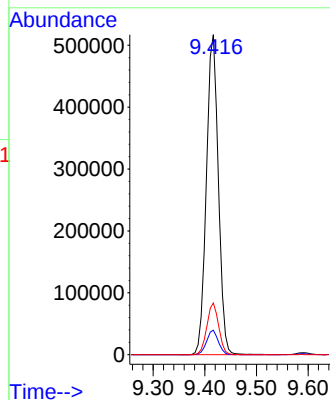
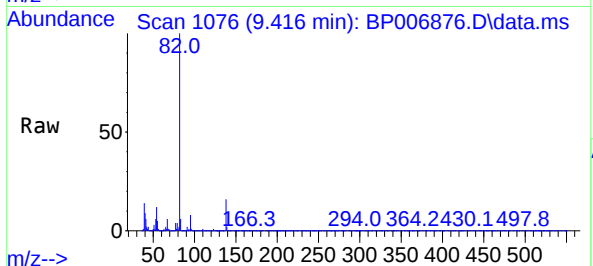
#25  
Isophorone  
Concen: 41.388 ng  
RT: 9.416 min Scan# 1076  
Delta R.T. 0.006 min  
Lab File: BP006876.D  
Acq: 25 Aug 2021 11:08

Instrument :  
BNA\_P  
ClientSampleId :  
PB138637BS

Tgt Ion: 82 Resp: 830771  
Ion Ratio Lower Upper  
82 100  
95 7.7 6.5 9.7  
138 16.2 15.0 22.4

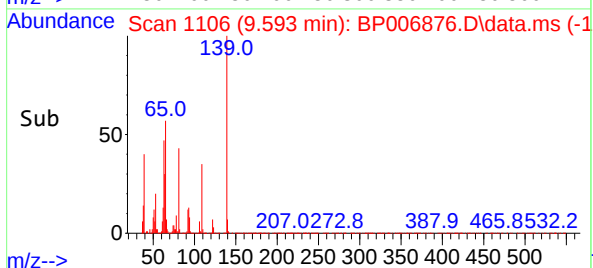
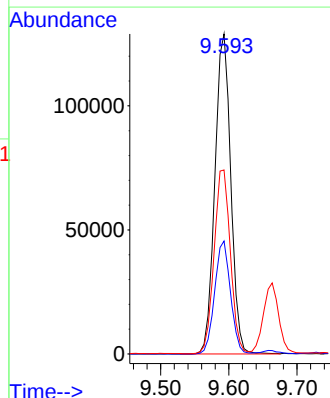
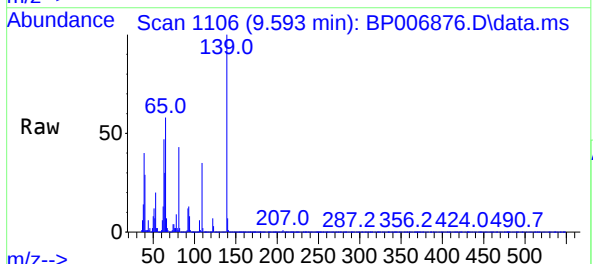
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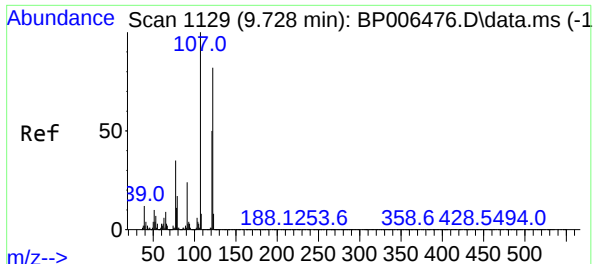
mohammad  
8/26/2021 11:40:29 AM



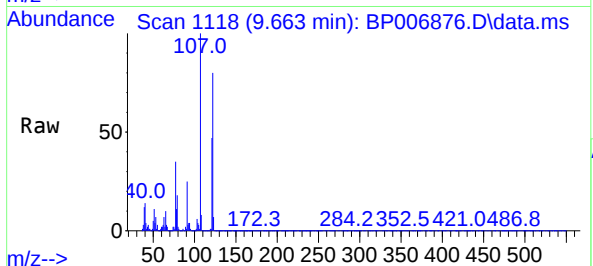
#26  
2-Nitrophenol  
Concen: 49.470 ng  
RT: 9.593 min Scan# 1106  
Delta R.T. 0.000 min  
Lab File: BP006876.D  
Acq: 25 Aug 2021 11:08

Tgt Ion: 139 Resp: 209149  
Ion Ratio Lower Upper  
139 100  
109 35.3 28.8 43.2  
65 57.5 41.0 61.6

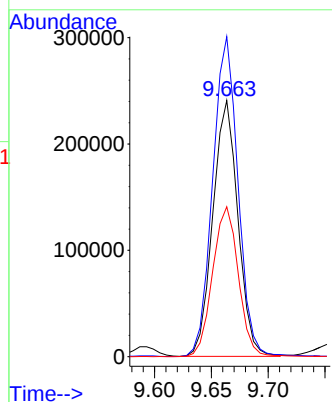




#27  
2,4-Dimethylphenol  
Concen: 52.157 ng  
RT: 9.663 min Scan# 1118  
Delta R.T. 0.006 min  
Lab File: BP006876.D  
Acq: 25 Aug 2021 11:08



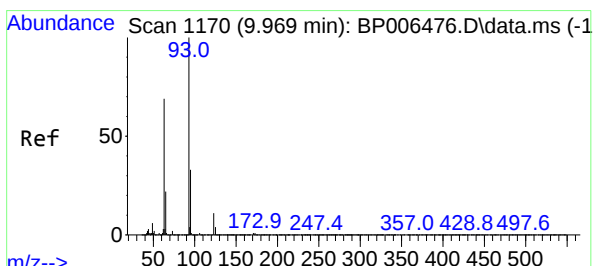
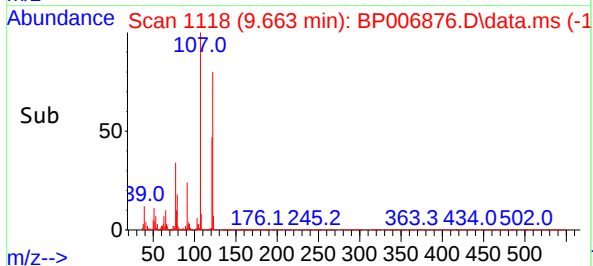
Tgt Ion:122 Resp: 369260  
Ion Ratio Lower Upper  
122 100  
107 125.0 94.5 141.7  
121 58.5 47.4 71.2



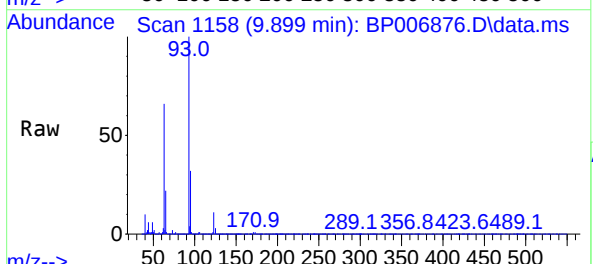
Instrument :  
BNA\_P  
ClientSampleId :  
PB138637BS

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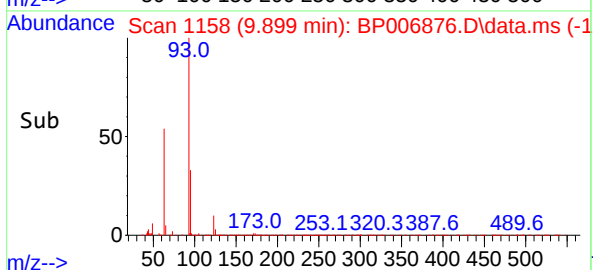
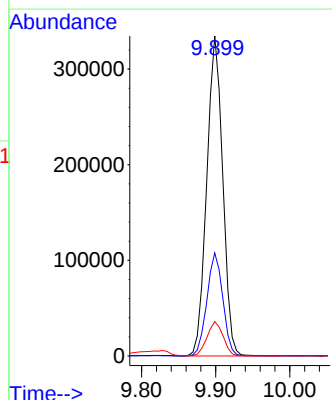
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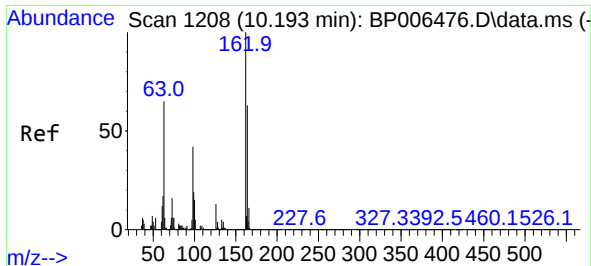


#28  
bis(2-Chloroethoxy)methane  
Concen: 46.652 ng  
RT: 9.899 min Scan# 1158  
Delta R.T. 0.000 min  
Lab File: BP006876.D  
Acq: 25 Aug 2021 11:08



Tgt Ion: 93 Resp: 501043  
Ion Ratio Lower Upper  
93 100  
95 32.2 25.9 38.9  
123 10.7 10.2 15.2





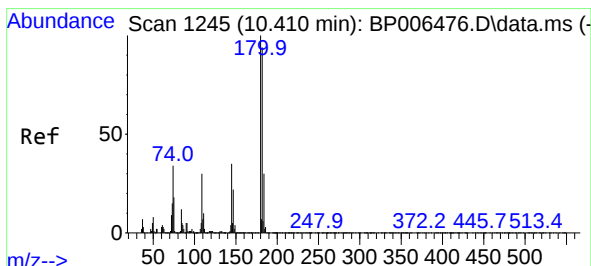
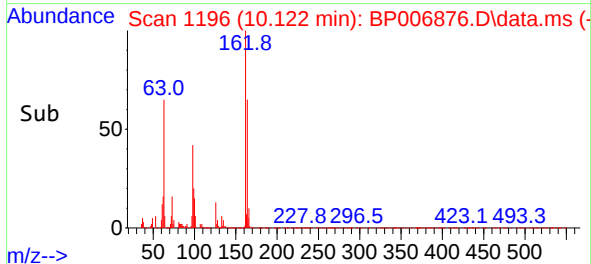
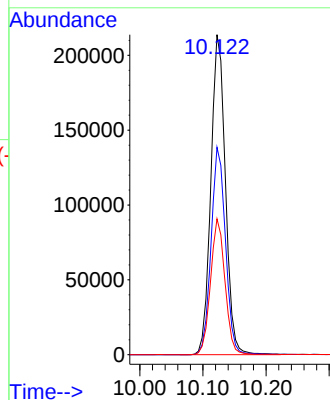
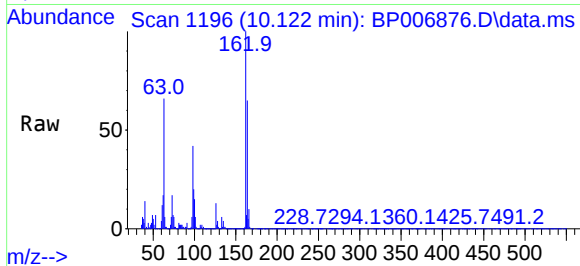
#29  
2,4-Dichlorophenol  
Concen: 47.693 ng  
RT: 10.122 min Scan# 1196  
Delta R.T. 0.000 min  
Lab File: BP006876.D  
Acq: 25 Aug 2021 11:08

Tgt Ion:162 Resp: 341853  
Ion Ratio Lower Upper  
162 100  
164 64.8 44.9 84.9  
98 42.4 14.3 54.3

Instrument :  
BNA\_P  
ClientSampleId :  
PB138637BS

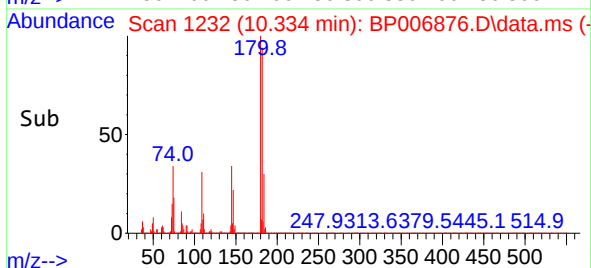
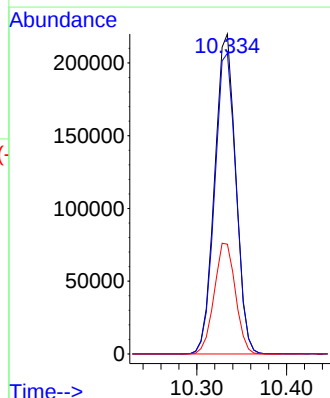
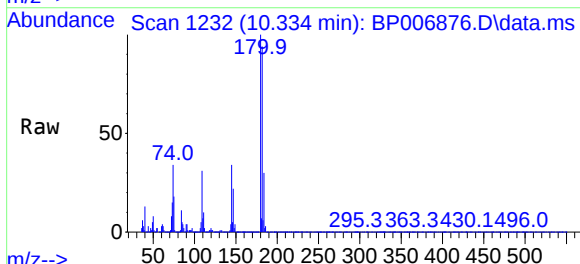
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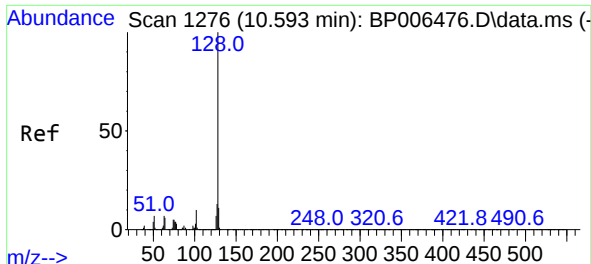
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#30  
1,2,4-Trichlorobenzene  
Concen: 46.638 ng  
RT: 10.334 min Scan# 1232  
Delta R.T. 0.006 min  
Lab File: BP006876.D  
Acq: 25 Aug 2021 11:08

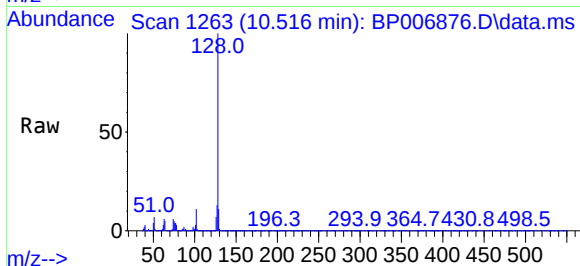
Tgt Ion:180 Resp: 359210  
Ion Ratio Lower Upper  
180 100  
182 93.9 77.9 116.9  
145 34.3 24.7 37.1





#31  
Naphthalene  
Concen: 44.921 ng  
RT: 10.516 min Scan# 1263  
Delta R.T. 0.000 min  
Lab File: BP006876.D  
Acq: 25 Aug 2021 11:08

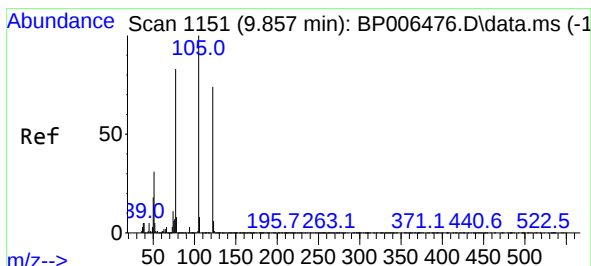
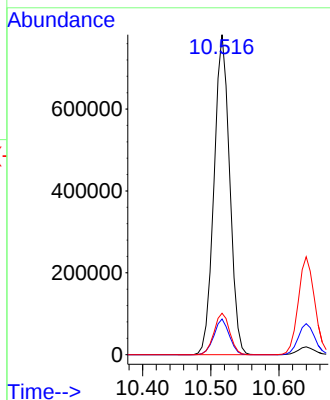
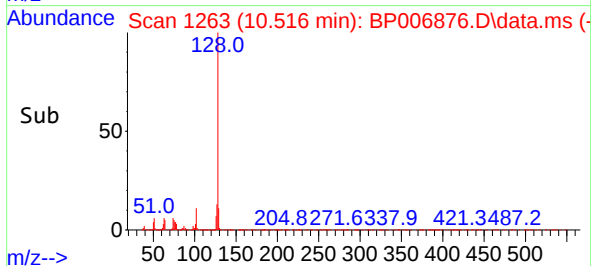
Instrument :  
BNA\_P  
ClientSampleId :  
PB138637BS



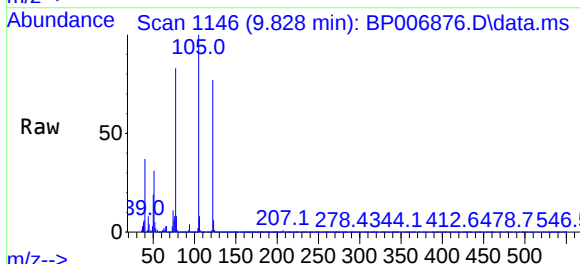
Tgt Ion:128 Resp: 1245151  
Ion Ratio Lower Upper  
128 100  
129 11.2 9.0 13.6  
127 13.0 10.7 16.1

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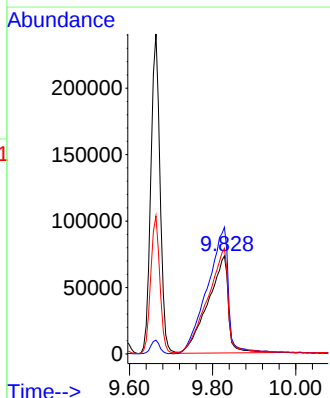
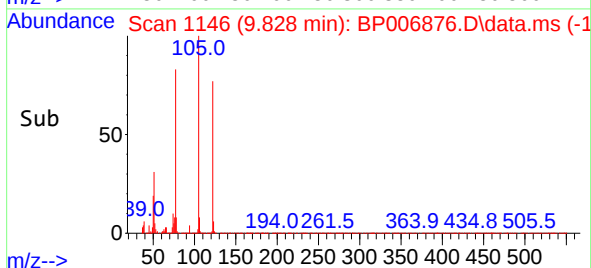
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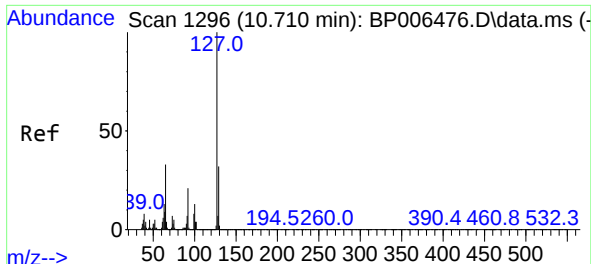


#32  
Benzoic acid  
Concen: 45.462 ng  
RT: 9.828 min Scan# 1146  
Delta R.T. 0.012 min  
Lab File: BP006876.D  
Acq: 25 Aug 2021 11:08



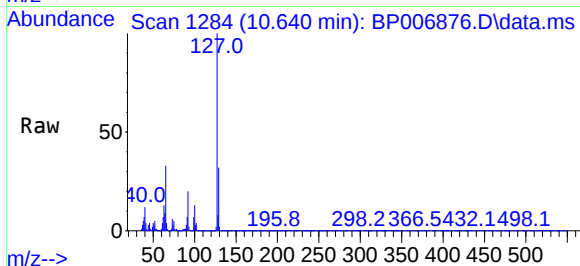
Tgt Ion:122 Resp: 248992  
Ion Ratio Lower Upper  
122 100  
105 129.2 103.2 143.2  
77 107.8 76.2 116.2





#33  
4-Chloroaniline  
Concen: 35.849 ng  
RT: 10.640 min Scan# 1284  
Delta R.T. 0.000 min  
Lab File: BP006876.D  
Acq: 25 Aug 2021 11:08

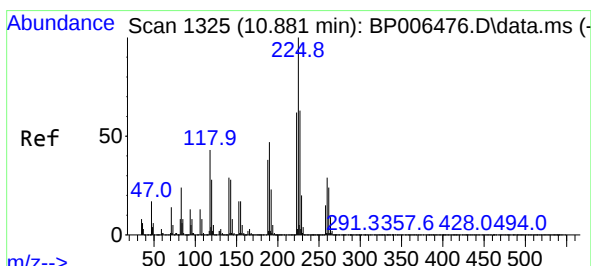
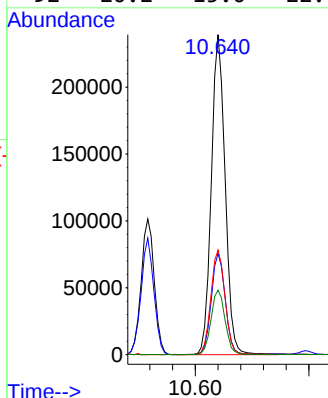
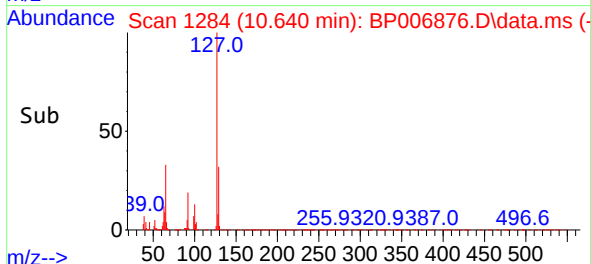
Instrument :  
BNA\_P  
ClientSampled :  
PB138637BS



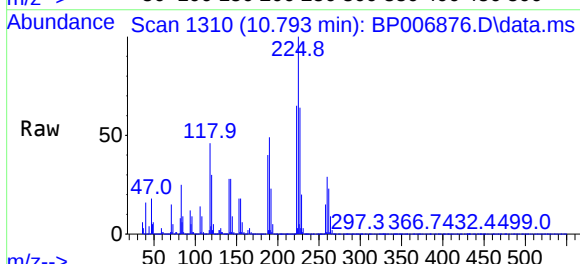
Tgt Ion:127 Resp: 402110  
Ion Ratio Lower Upper  
127 100  
129 31.6 26.1 39.1  
65 32.7 22.5 33.7  
92 20.2 15.0 22.6

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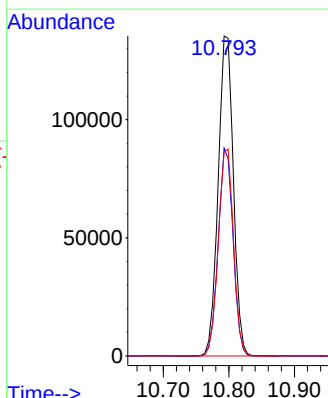
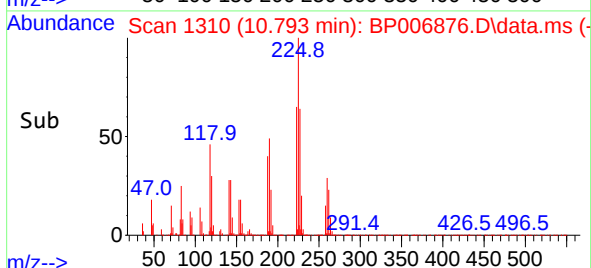
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#34  
Hexachlorobutadiene  
Concen: 48.410 ng  
RT: 10.793 min Scan# 1310  
Delta R.T. 0.000 min  
Lab File: BP006876.D  
Acq: 25 Aug 2021 11:08



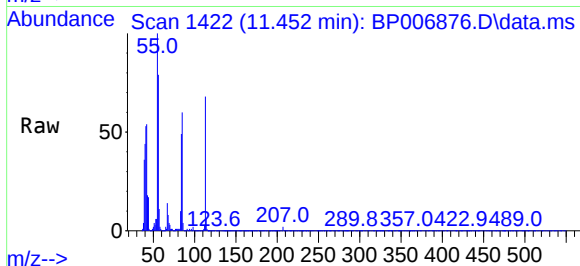
Tgt Ion:225 Resp: 217275  
Ion Ratio Lower Upper  
225 100  
223 65.0 51.0 76.6  
227 63.6 51.4 77.2





#35  
Caprolactam  
Concen: 46.626 ng m  
RT: 11.452 min Scan# 1422  
Delta R.T. 0.006 min  
Lab File: BP006876.D  
Acq: 25 Aug 2021 11:08

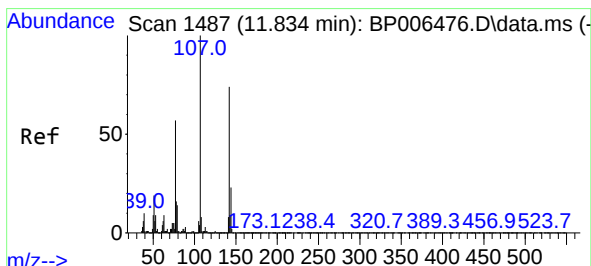
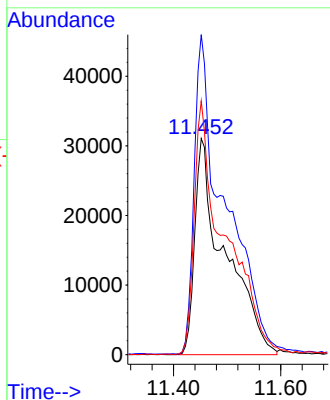
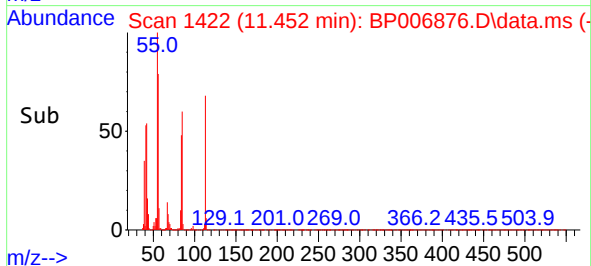
Instrument :  
BNA\_P  
ClientSampled :  
PB138637BS



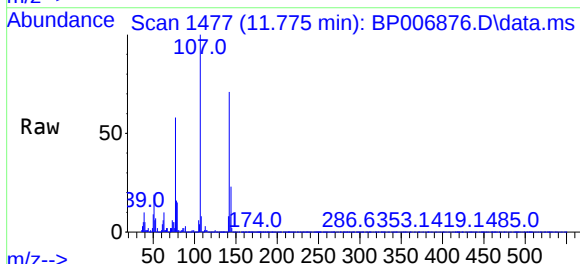
Tgt Ion:113 Resp: 120508  
Ion Ratio Lower Upper  
113 100  
55 148.1 98.9 138.9#  
56 117.4 71.7 111.7#

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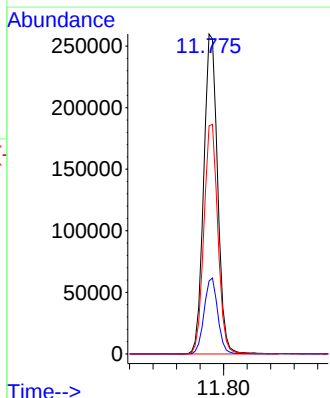
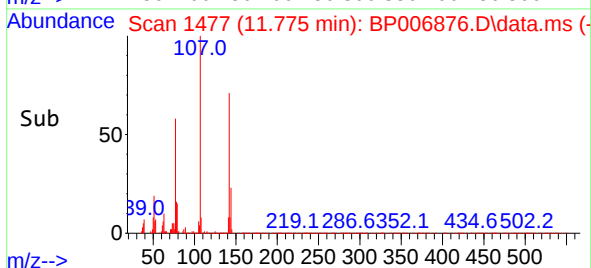
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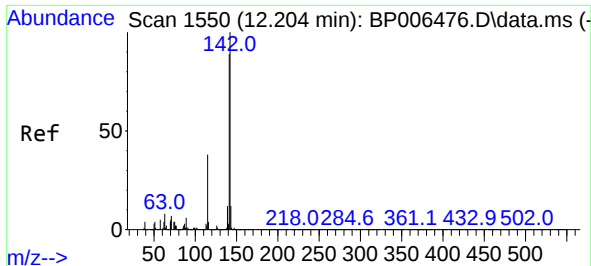


#36  
4-Chloro-3-methylphenol  
Concen: 46.864 ng  
RT: 11.775 min Scan# 1477  
Delta R.T. 0.000 min  
Lab File: BP006876.D  
Acq: 25 Aug 2021 11:08



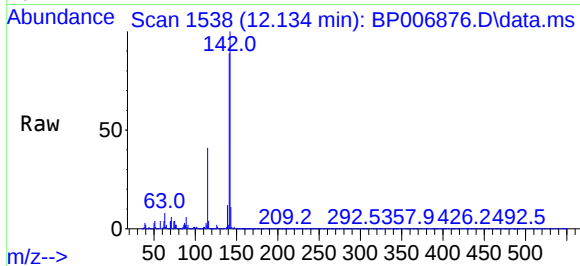
Tgt Ion:107 Resp: 426785  
Ion Ratio Lower Upper  
107 100  
144 22.8 21.1 31.7  
142 71.3 66.0 99.0





#37  
2-Methylnaphthalene  
Concen: 44.972 ng  
RT: 12.134 min Scan# 1538  
Delta R.T. 0.000 min  
Lab File: BP006876.D  
Acq: 25 Aug 2021 11:08

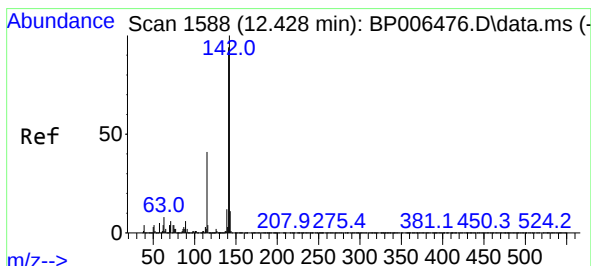
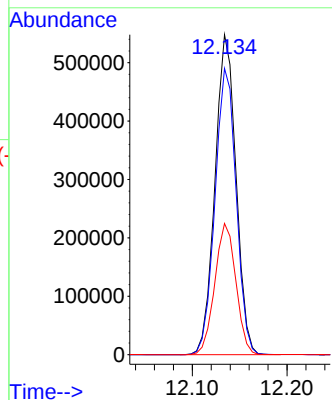
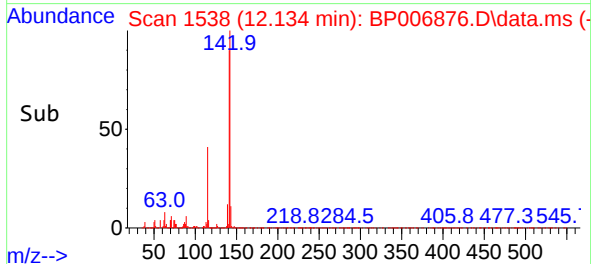
Instrument :  
BNA\_P  
ClientSampleId :  
PB138637BS



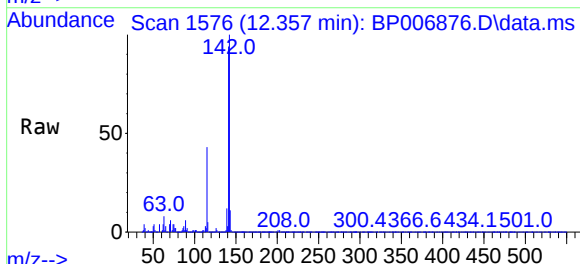
Tgt Ion:142 Resp: 844704  
Ion Ratio Lower Upper  
142 100  
141 89.5 71.8 107.6  
115 41.0 31.6 47.4

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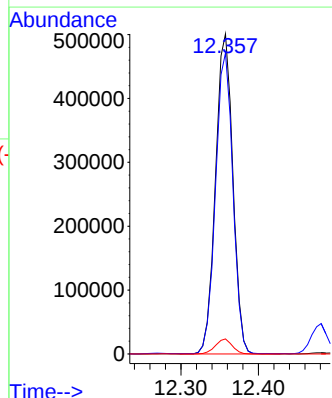
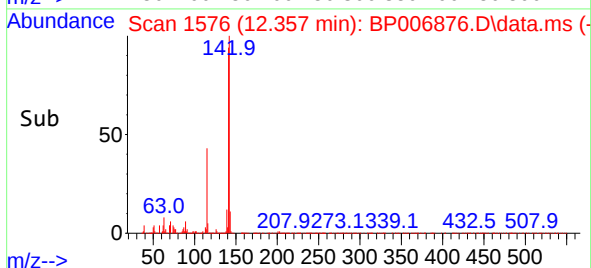
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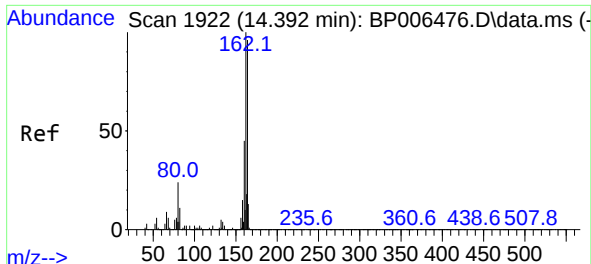


#38  
1-Methylnaphthalene  
Concen: 43.558 ng  
RT: 12.357 min Scan# 1576  
Delta R.T. 0.000 min  
Lab File: BP006876.D  
Acq: 25 Aug 2021 11:08



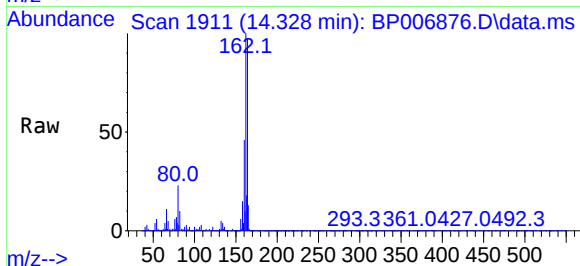
Tgt Ion:142 Resp: 777478  
Ion Ratio Lower Upper  
142 100  
141 94.0 73.3 109.9  
116 4.7 3.5 5.3





#39  
Acenaphthene-d10  
Concen: 20.000 ng  
RT: 14.328 min Scan# 1911  
Delta R.T. 0.000 min  
Lab File: BP006876.D  
Acq: 25 Aug 2021 11:08

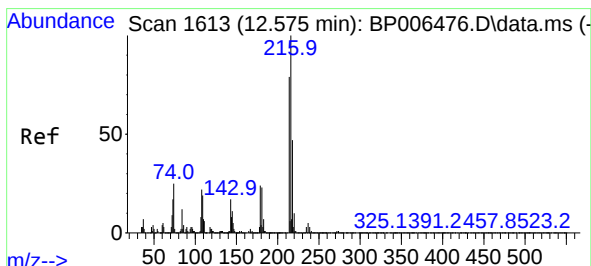
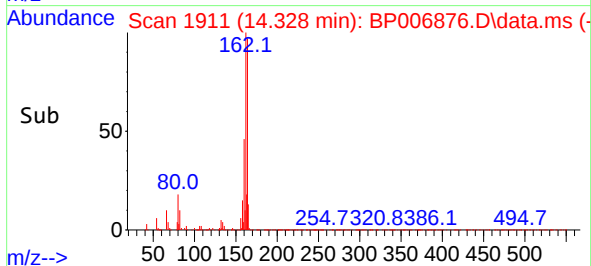
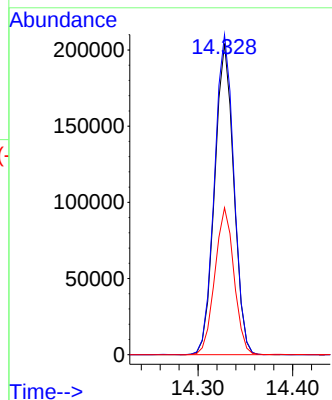
Instrument :  
BNA\_P  
ClientSampled :  
PB138637BS



Tgt Ion:164 Resp: 286253  
Ion Ratio Lower Upper  
164 100  
162 102.9 80.2 120.2  
160 47.2 34.5 51.7

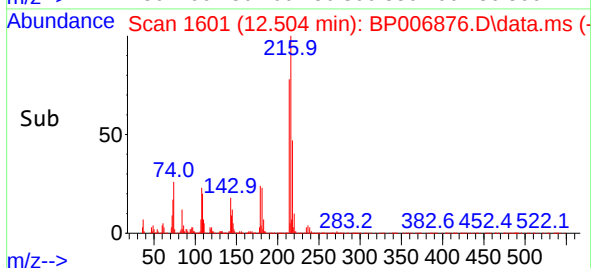
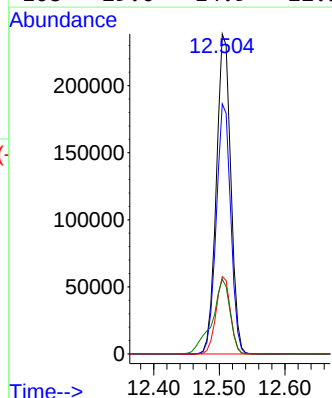
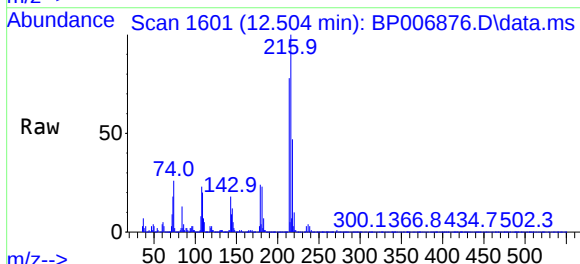
Manual Integrations  
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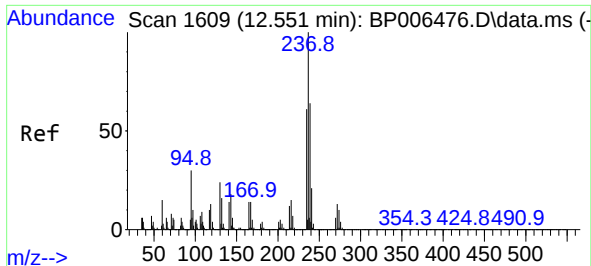
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#40  
1,2,4,5-Tetrachlorobenzene  
Concen: 48.388 ng  
RT: 12.504 min Scan# 1601  
Delta R.T. 0.000 min  
Lab File: BP006876.D  
Acq: 25 Aug 2021 11:08

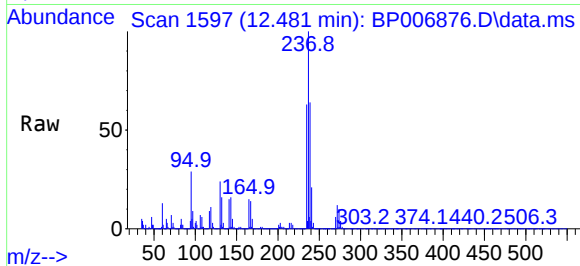
Tgt Ion:216 Resp: 362524  
Ion Ratio Lower Upper  
216 100  
214 78.5 61.9 92.9  
179 24.0 16.8 25.2  
108 29.0 14.9 22.3





#41  
Hexachlorocyclopentadiene  
Concen: 114.218 ng  
RT: 12.481 min Scan# 1597  
Delta R.T. 0.006 min  
Lab File: BP006876.D  
Acq: 25 Aug 2021 11:08

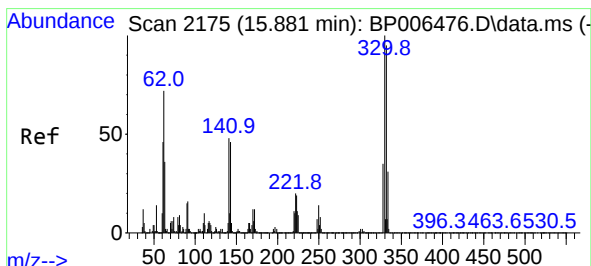
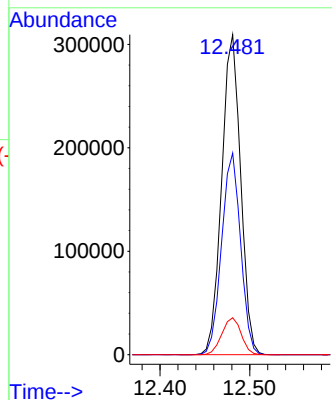
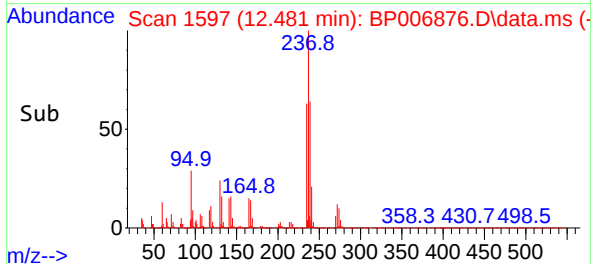
Instrument :  
BNA\_P  
ClientSampleId :  
PB138637BS



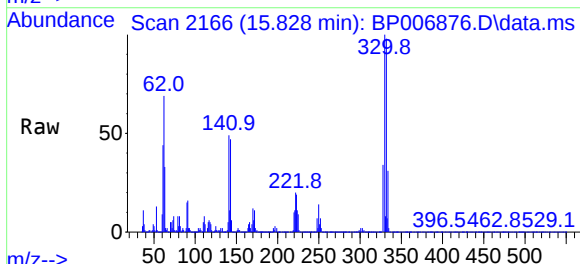
Tgt Ion: 237 Resp: 453855  
Ion Ratio Lower Upper  
237 100  
235 63.0 44.5 84.5  
272 11.6 0.0 32.5

Manual Integrations  
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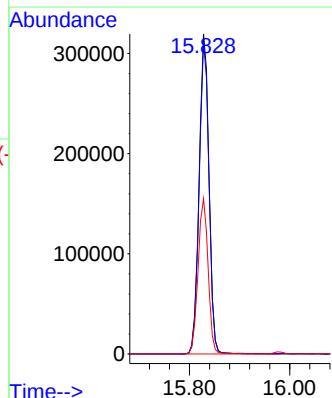
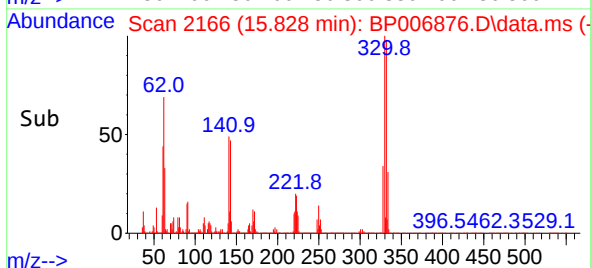
mohammad  
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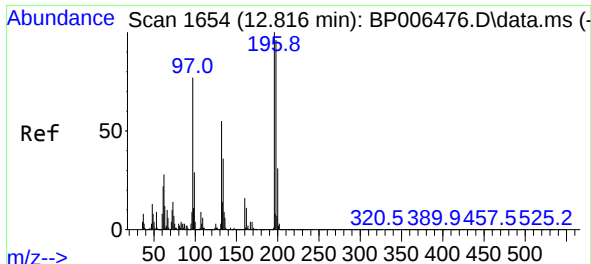


#42  
2,4,6-Tribromophenol  
Concen: 145.784 ng  
RT: 15.828 min Scan# 2166  
Delta R.T. 0.000 min  
Lab File: BP006876.D  
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Tgt Ion: 330 Resp: 436136  
Ion Ratio Lower Upper  
330 100  
332 96.7 77.8 116.8  
141 49.3 25.4 38.2#





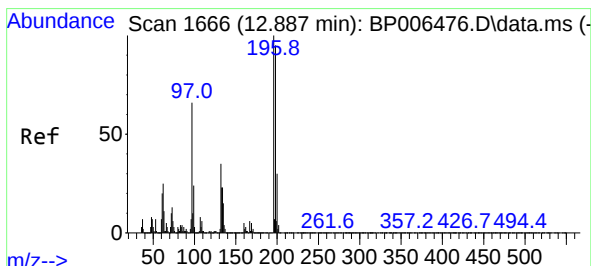
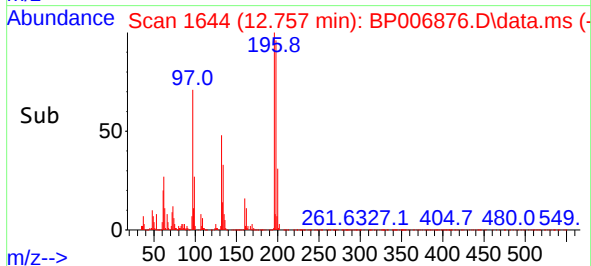
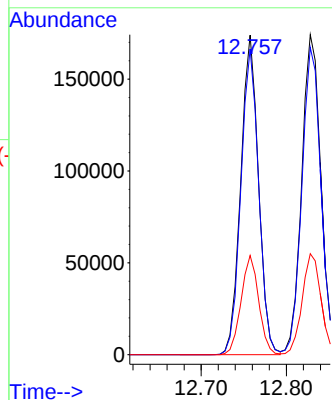
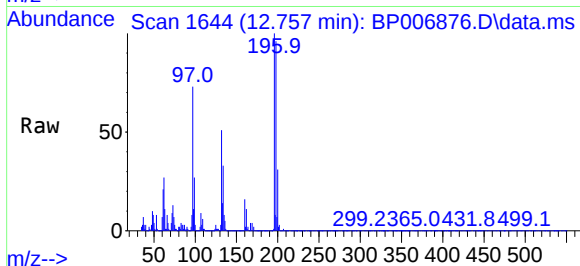
#43  
2,4,6-Trichlorophenol  
Concen: 49.099 ng  
RT: 12.757 min Scan# 1644  
Delta R.T. 0.000 min  
Lab File: BP006876.D  
Acq: 25 Aug 2021 11:08

Tgt Ion:196 Resp: 251175  
Ion Ratio Lower Upper  
196 100  
198 95.7 79.5 119.3  
200 31.1 25.0 37.6

Instrument :  
BNA\_P  
ClientSampled :  
PB138637BS

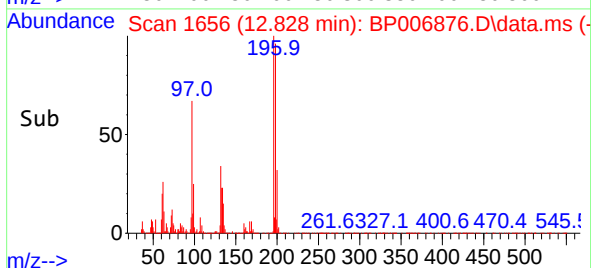
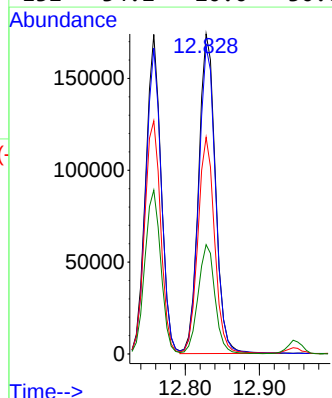
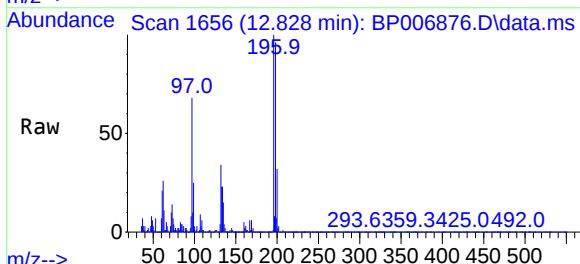
Manual Integrations  
APPROVED

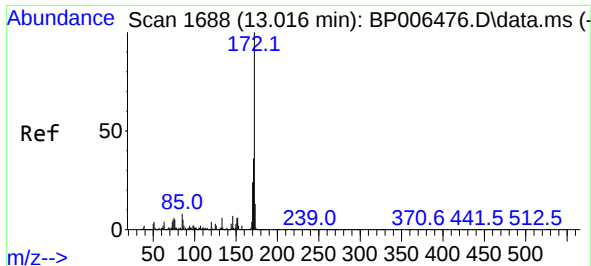
mohammad  
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#44  
2,4,5-Trichlorophenol  
Concen: 48.455 ng  
RT: 12.828 min Scan# 1656  
Delta R.T. 0.000 min  
Lab File: BP006876.D  
Acq: 25 Aug 2021 11:08

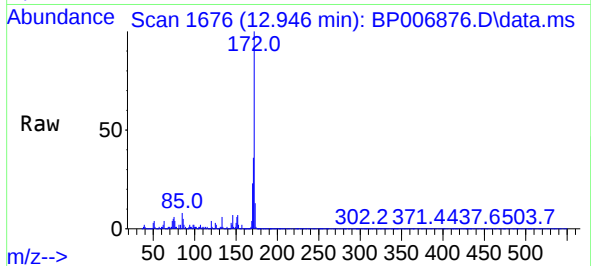
Tgt Ion:196 Resp: 274382  
Ion Ratio Lower Upper  
196 100  
198 96.0 74.7 112.1  
97 67.7 37.4 56.0#  
132 34.2 20.0 30.0#





#45  
2-Fluorobiphenyl  
Concen: 88.620 ng  
RT: 12.946 min Scan# 1676  
Delta R.T. 0.000 min  
Lab File: BP006876.D  
Acq: 25 Aug 2021 11:08

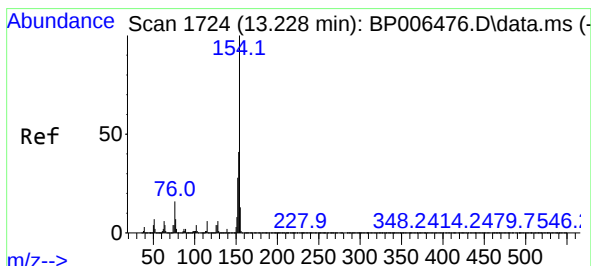
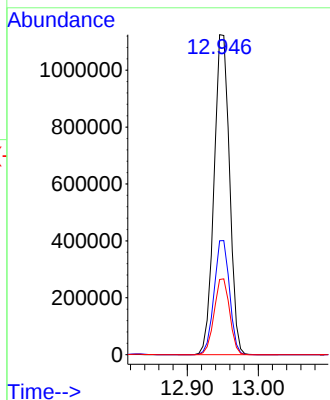
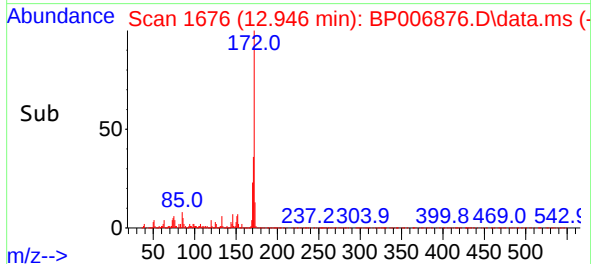
Instrument :  
BNA\_P  
ClientSampleId :  
PB138637BS



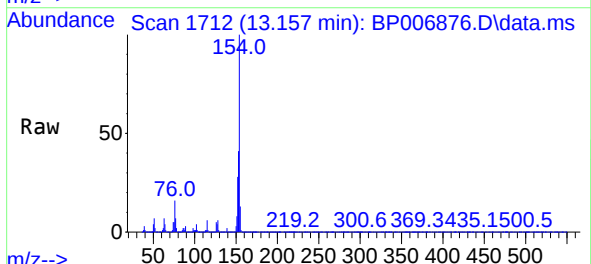
Tgt Ion:172 Resp: 1695569  
Ion Ratio Lower Upper  
172 100  
171 35.6 27.9 41.9  
170 23.5 18.6 27.8

Manual Integrations  
APPROVED

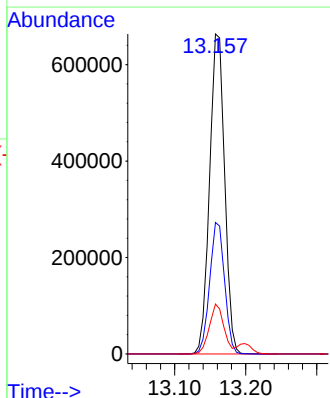
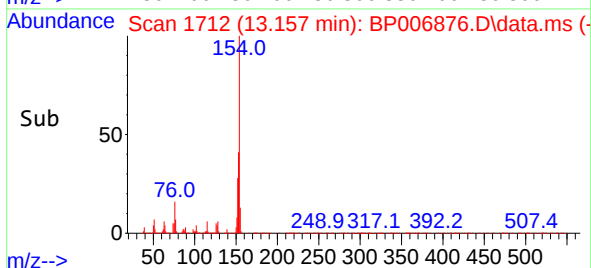
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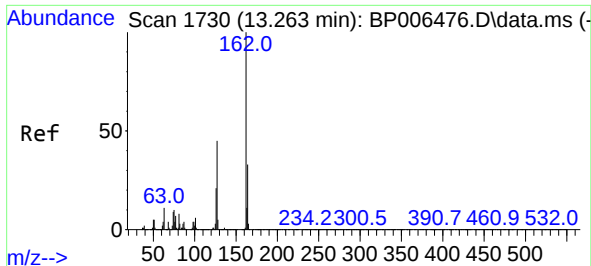


#46  
1,1'-Biphenyl  
Concen: 45.117 ng  
RT: 13.157 min Scan# 1712  
Delta R.T. 0.000 min  
Lab File: BP006876.D  
Acq: 25 Aug 2021 11:08



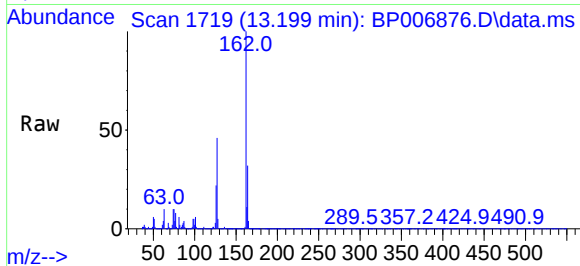
Tgt Ion:154 Resp: 977545  
Ion Ratio Lower Upper  
154 100  
153 41.1 20.4 60.4  
76 15.6 0.0 30.8





#47  
2-Chloronaphthalene  
Concen: 46.200 ng  
RT: 13.199 min Scan# 1719  
Delta R.T. 0.000 min  
Lab File: BP006876.D  
Acq: 25 Aug 2021 11:08

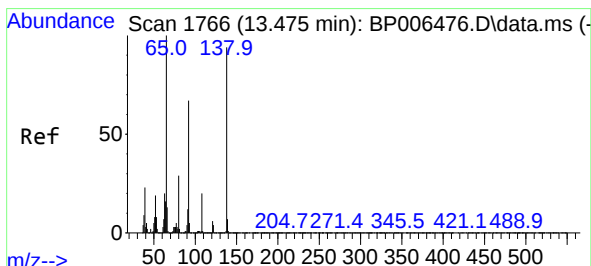
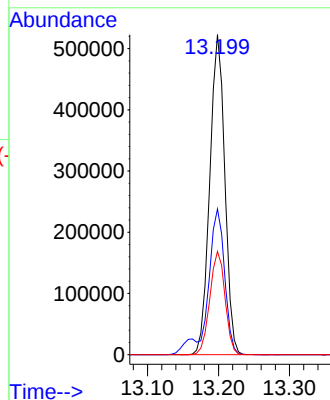
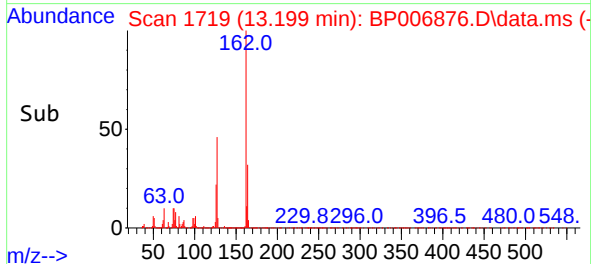
Instrument :  
BNA\_P  
ClientSampleId :  
PB138637BS



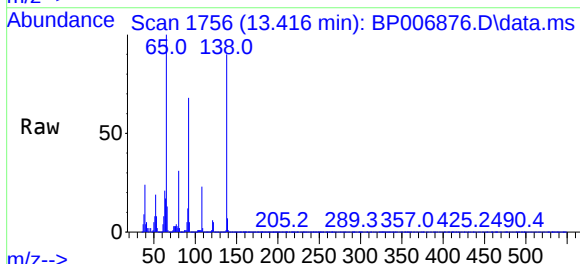
Tgt Ion:162 Resp: 770844  
Ion Ratio Lower Upper  
162 100  
127 45.5 31.4 47.0  
164 32.2 26.6 39.8

Manual Integrations  
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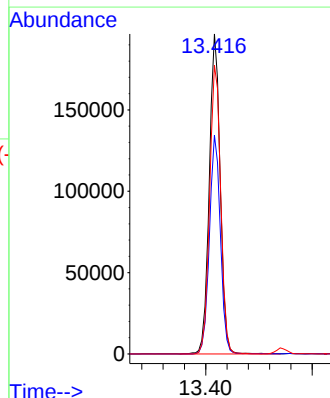
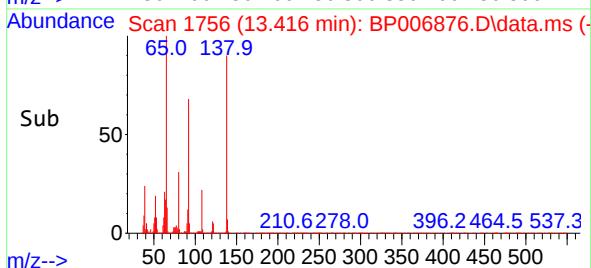
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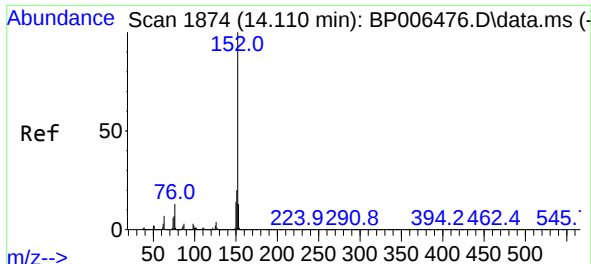


#48  
2-Nitroaniline  
Concen: 47.677 ng  
RT: 13.416 min Scan# 1756  
Delta R.T. 0.000 min  
Lab File: BP006876.D  
Acq: 25 Aug 2021 11:08



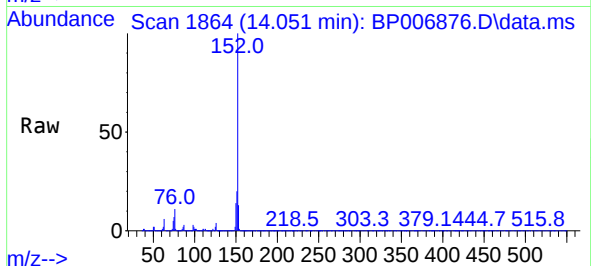
Tgt Ion: 65 Resp: 280735  
Ion Ratio Lower Upper  
65 100  
92 68.4 57.7 86.5  
138 90.2 92.1 138.1#





#49  
Acenaphthylene  
Concen: 47.352 ng  
RT: 14.051 min Scan# 1864  
Delta R.T. 0.006 min  
Lab File: BP006876.D  
Acq: 25 Aug 2021 11:08

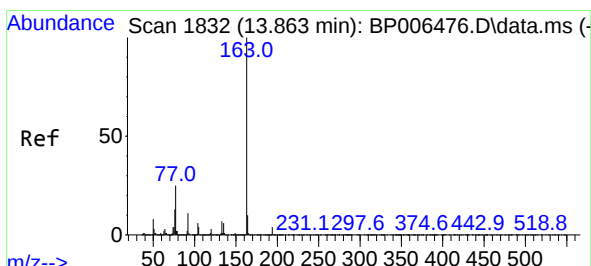
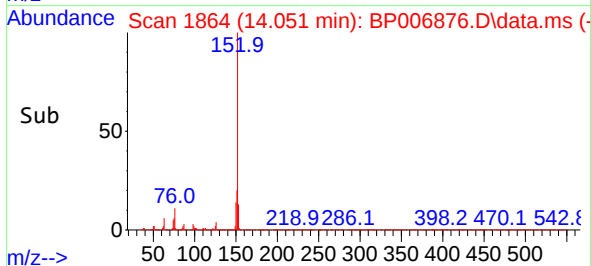
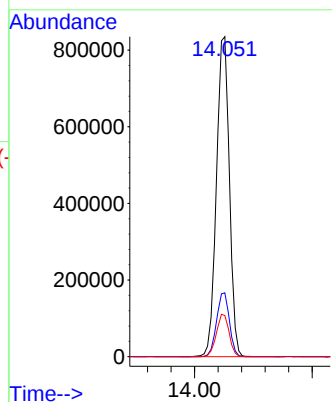
Instrument :  
BNA\_P  
ClientSampleId :  
PB138637BS



Tgt Ion:152 Resp: 1273951  
Ion Ratio Lower Upper  
152 100  
151 19.9 16.2 24.2  
153 12.8 10.6 16.0

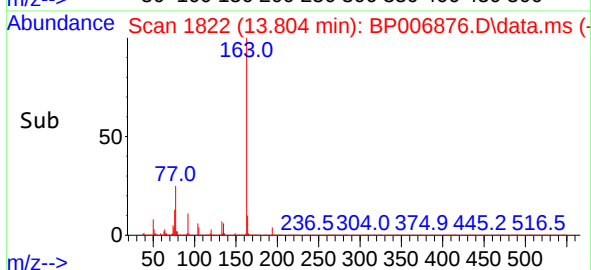
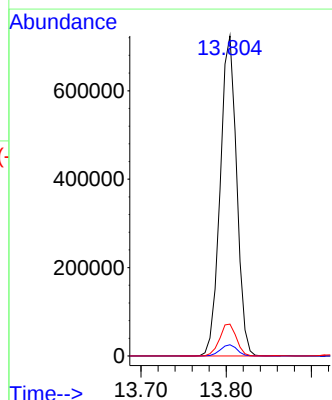
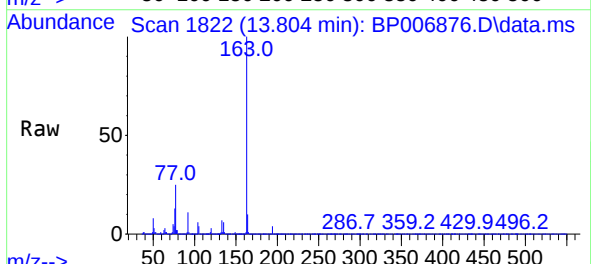
Manual Integrations  
APPROVED

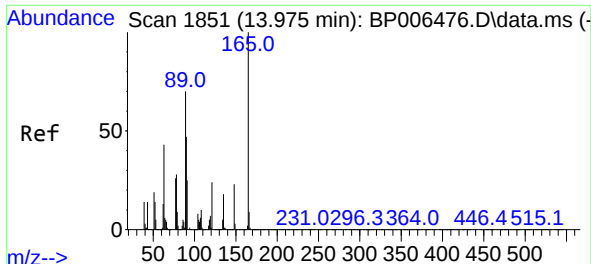
mohammad  
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#50  
Dimethylphthalate  
Concen: 46.705 ng  
RT: 13.804 min Scan# 1822  
Delta R.T. 0.006 min  
Lab File: BP006876.D  
Acq: 25 Aug 2021 11:08

Tgt Ion:163 Resp: 973192  
Ion Ratio Lower Upper  
163 100  
194 3.5 3.4 5.2  
164 9.9 8.2 12.2





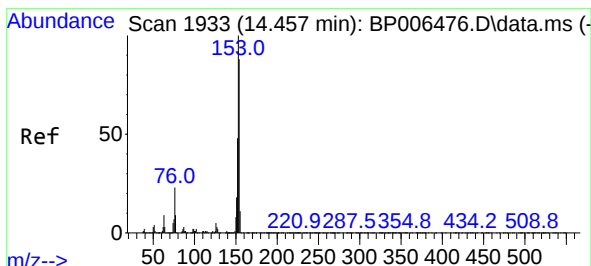
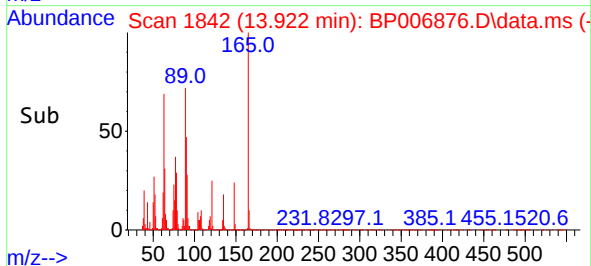
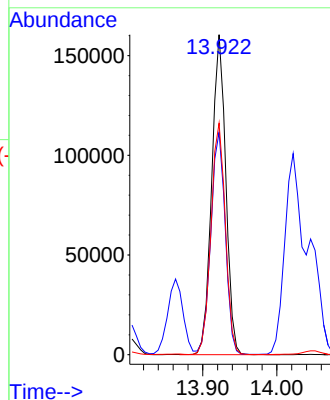
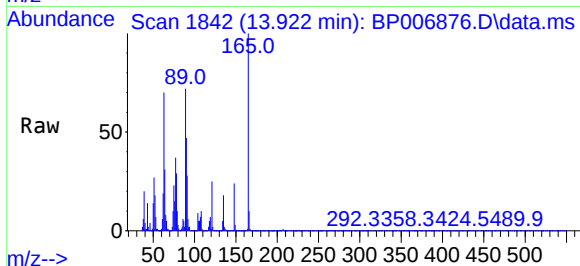
#51  
2,6-Dinitrotoluene  
Concen: 45.383 ng  
RT: 13.922 min Scan# 1842  
Delta R.T. 0.000 min  
Lab File: BP006876.D  
Acq: 25 Aug 2021 11:08

Tgt Ion:165 Resp: 211011  
Ion Ratio Lower Upper  
165 100  
63 69.5 41.3 61.9#  
89 72.3 44.8 67.2#

Instrument :  
BNA\_P  
ClientSampleId :  
PB138637BS

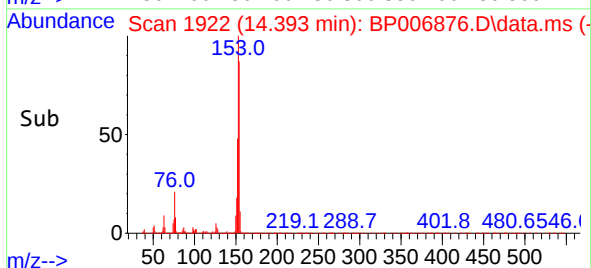
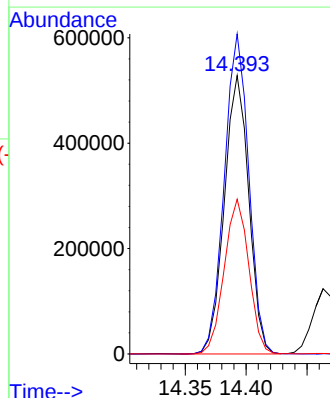
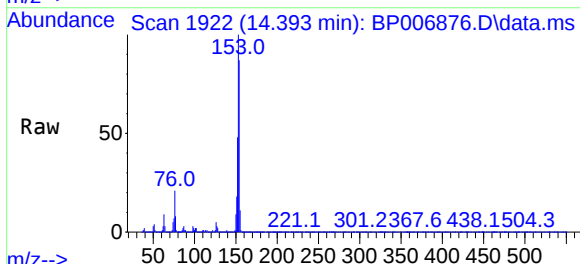
Manual Integrations  
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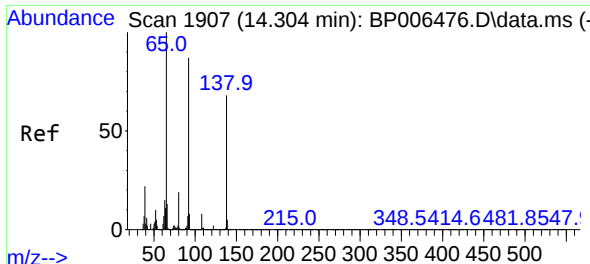
mohammad  
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#52  
Acenaphthene  
Concen: 45.165 ng  
RT: 14.393 min Scan# 1922  
Delta R.T. 0.000 min  
Lab File: BP006876.D  
Acq: 25 Aug 2021 11:08

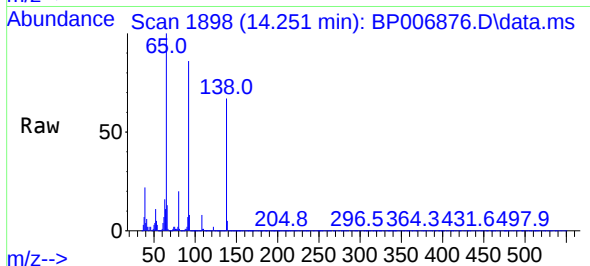
Tgt Ion:154 Resp: 739518  
Ion Ratio Lower Upper  
154 100  
153 114.9 89.4 134.2  
152 55.5 43.0 64.4





#53  
3-Nitroaniline  
Concen: 38.551 ng  
RT: 14.251 min Scan# 1898  
Delta R.T. 0.000 min  
Lab File: BP006876.D  
Acq: 25 Aug 2021 11:08

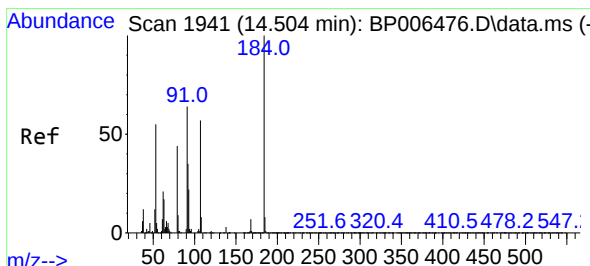
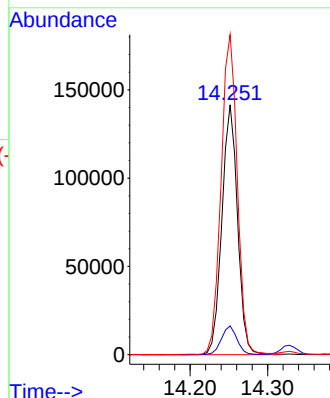
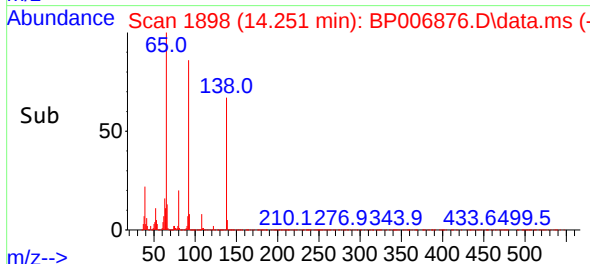
Instrument :  
BNA\_P  
ClientSampleId :  
PB138637BS



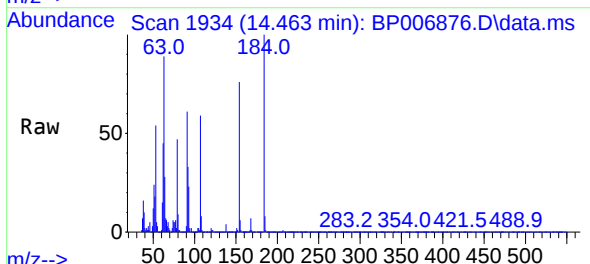
Tgt Ion:138 Resp: 198713  
Ion Ratio Lower Upper  
138 100  
108 11.5 8.4 12.6  
92 128.0 87.8 131.8

Manual Integrations  
APPROVED

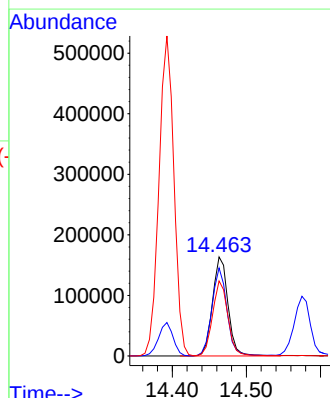
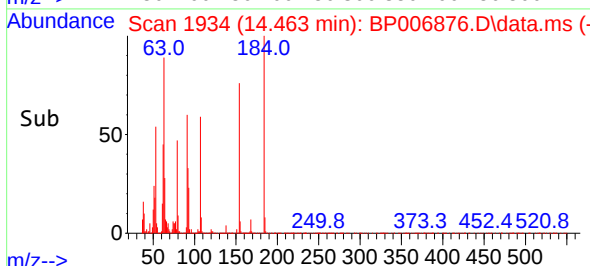
mohammad  
8/26/2021 11:40:29 AM

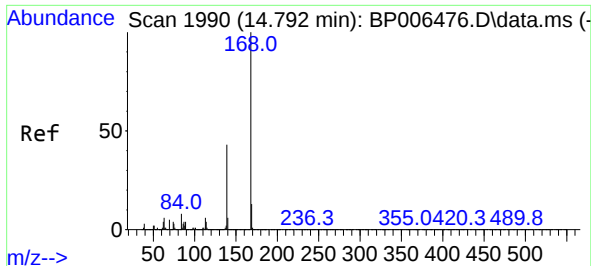


#54  
2,4-Dinitrophenol  
Concen: 97.407 ng  
RT: 14.463 min Scan# 1934  
Delta R.T. 0.000 min  
Lab File: BP006876.D  
Acq: 25 Aug 2021 11:08



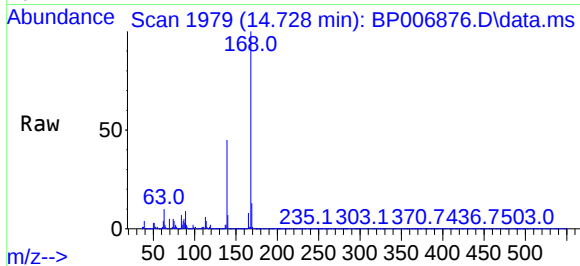
Tgt Ion:184 Resp: 236840  
Ion Ratio Lower Upper  
184 100  
63 88.8 47.0 70.6#  
154 75.8 52.3 78.5





#55  
Dibenzofuran  
Concen: 44.632 ng  
RT: 14.728 min Scan# 1979  
Delta R.T. 0.000 min  
Lab File: BP006876.D  
Acq: 25 Aug 2021 11:08

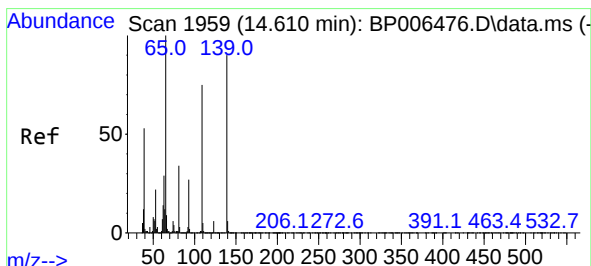
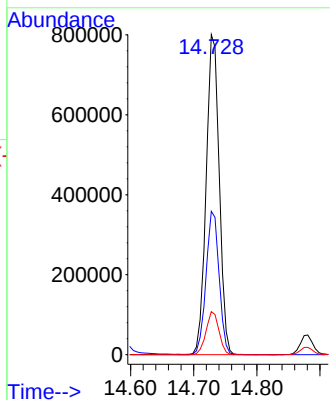
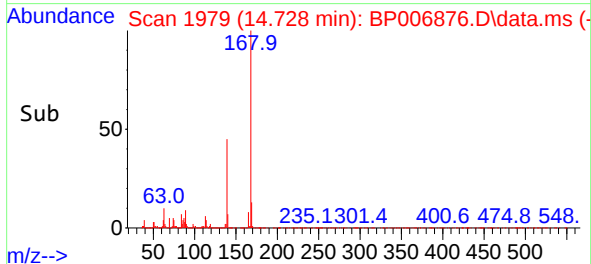
Instrument :  
BNA\_P  
ClientSampleId :  
PB138637BS



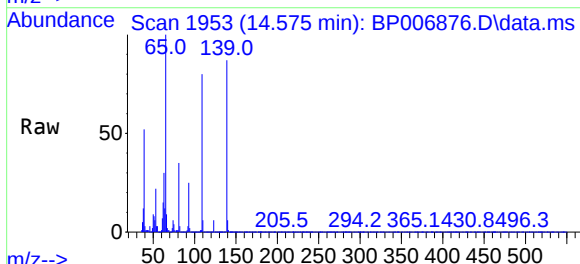
Tgt Ion:168 Resp: 1149505  
Ion Ratio Lower Upper  
168 100  
139 44.8 31.0 46.6  
169 13.4 10.8 16.2

Manual Integrations  
APPROVED

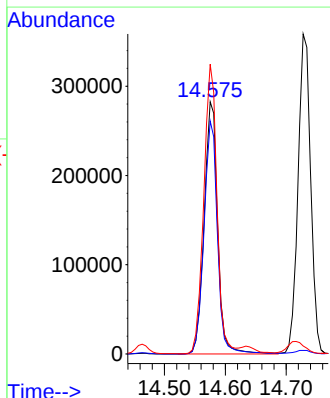
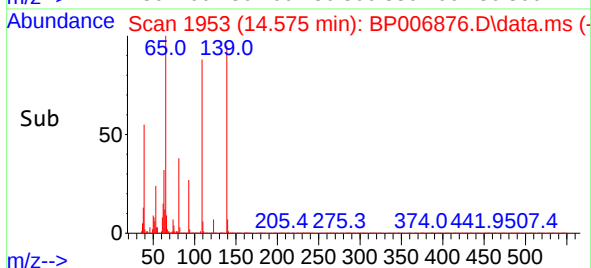
mohammad  
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#56  
4-Nitrophenol  
Concen: 97.168 ng  
RT: 14.575 min Scan# 1953  
Delta R.T. 0.006 min  
Lab File: BP006876.D  
Acq: 25 Aug 2021 11:08

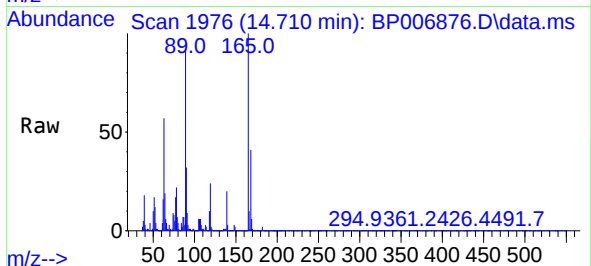


Tgt Ion:139 Resp: 434901  
Ion Ratio Lower Upper  
139 100  
109 92.3 72.3 112.3  
65 114.9 72.5 112.5#

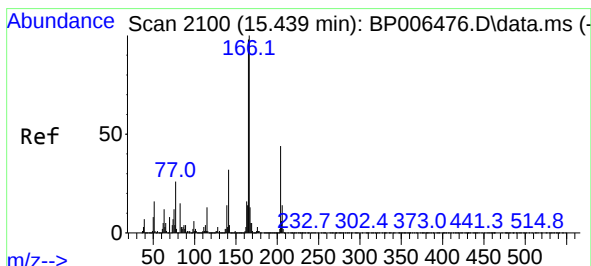
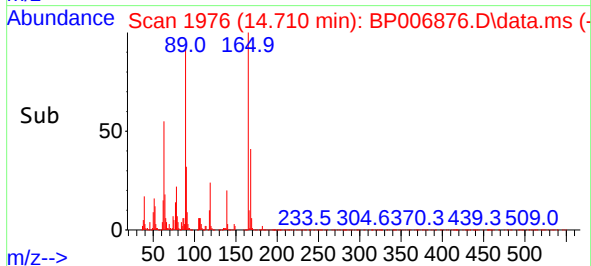
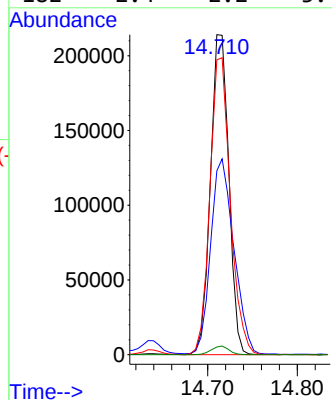




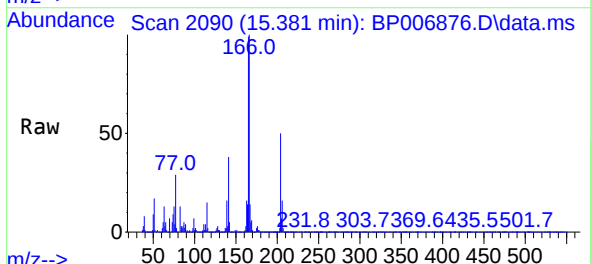
#57  
2,4-Dinitrotoluene  
Concen: 48.787 ng  
RT: 14.710 min Scan# 1976  
Delta R.T. 0.000 min  
Lab File: BP006876.D  
Acq: 25 Aug 2021 11:08



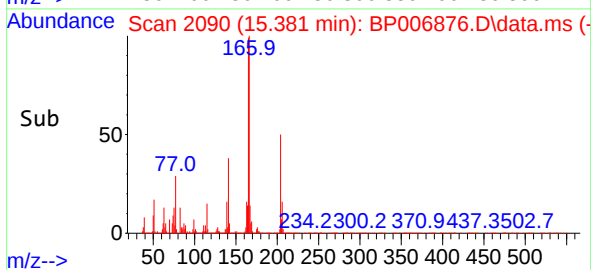
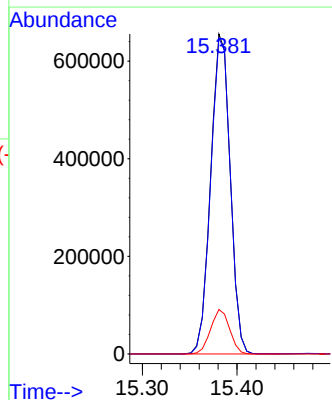
Tgt Ion:165 Resp: 304214  
Ion Ratio Lower Upper  
165 100  
63 57.5 32.3 48.5#  
89 92.2 55.9 83.9#  
182 2.4 2.2 3.4



#58  
Fluorene  
Concen: 45.623 ng  
RT: 15.381 min Scan# 2090  
Delta R.T. 0.000 min  
Lab File: BP006876.D  
Acq: 25 Aug 2021 11:08



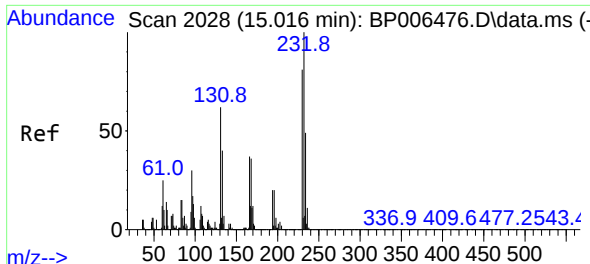
Tgt Ion:166 Resp: 939186  
Ion Ratio Lower Upper  
166 100  
165 98.8 78.0 117.0  
167 13.9 10.5 15.7



Instrument :  
BNA\_P  
ClientSampled :  
PB138637BS

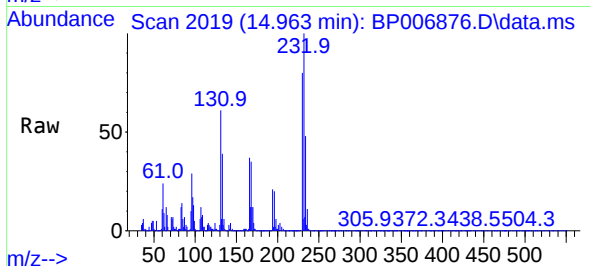
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#59  
2,3,4,6-Tetrachlorophenol  
Concen: 48.560 ng  
RT: 14.963 min Scan# 2019  
Delta R.T. 0.006 min  
Lab File: BP006876.D  
Acq: 25 Aug 2021 11:08

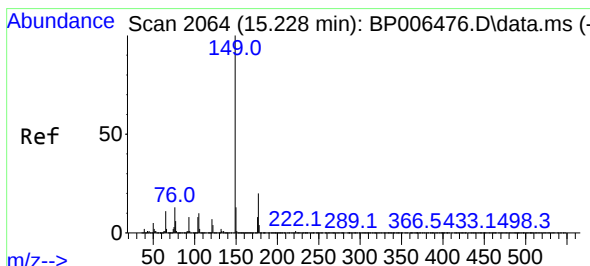
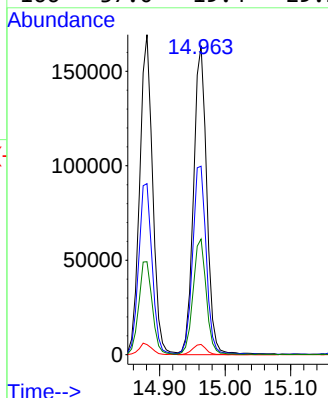
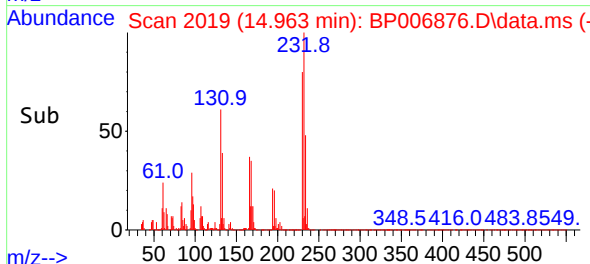
Instrument :  
BNA\_P  
ClientSampleId :  
PB138637BS



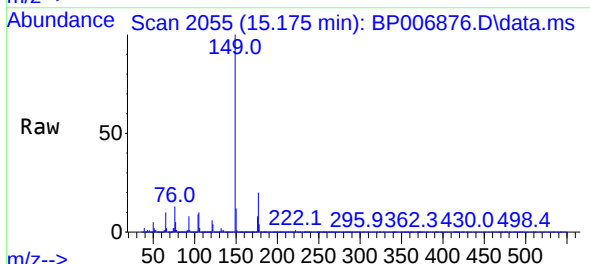
Tgt Ion:232 Resp: 230437  
Ion Ratio Lower Upper  
232 100  
131 62.6 32.2 48.4#  
130 3.3 2.0 3.0#  
166 37.0 19.4 29.2#

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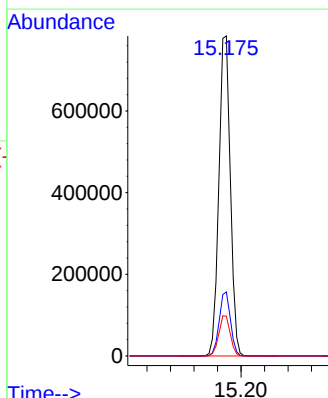
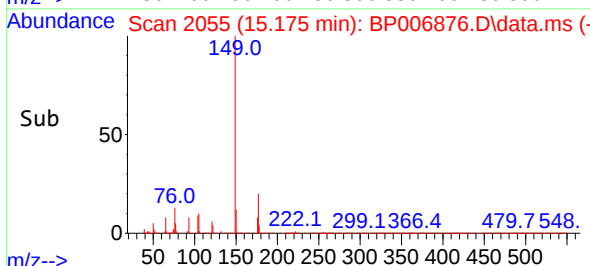
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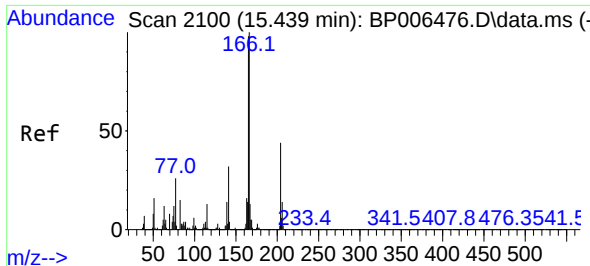


#60  
Diethylphthalate  
Concen: 48.260 ng  
RT: 15.175 min Scan# 2055  
Delta R.T. 0.006 min  
Lab File: BP006876.D  
Acq: 25 Aug 2021 11:08



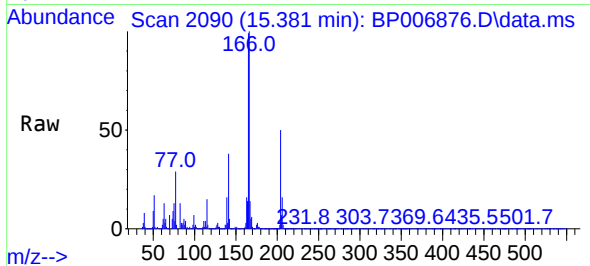
Tgt Ion:149 Resp: 1056204  
Ion Ratio Lower Upper  
149 100  
177 20.0 17.5 26.3  
150 12.4 9.9 14.9





#61  
4-Chlorophenyl-phenylether  
Concen: 46.332 ng  
RT: 15.381 min Scan# 2090  
Delta R.T. 0.000 min  
Lab File: BP006876.D  
Acq: 25 Aug 2021 11:08

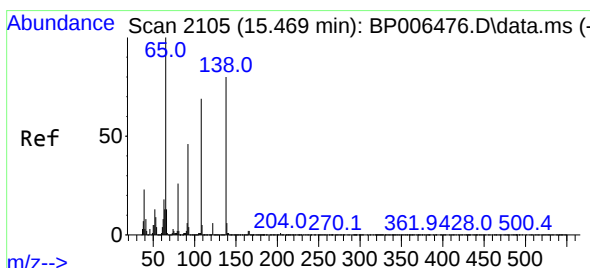
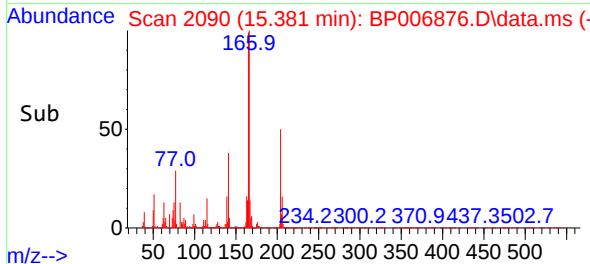
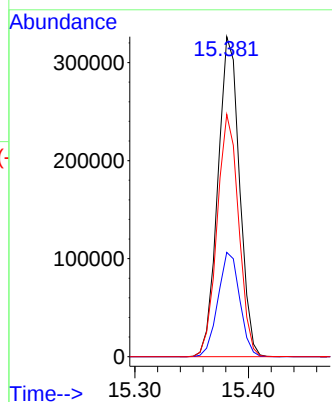
Instrument :  
BNA\_P  
ClientSampled :  
PB138637BS



Tgt Ion:204 Resp: 431933  
Ion Ratio Lower Upper  
204 100  
206 32.6 26.6 40.0  
141 75.7 48.6 73.0#

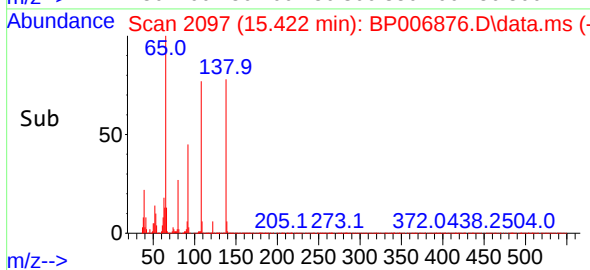
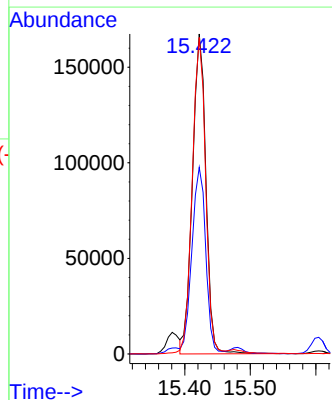
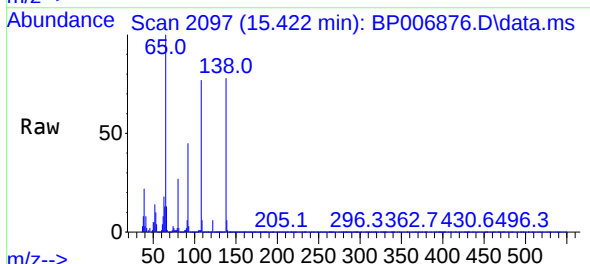
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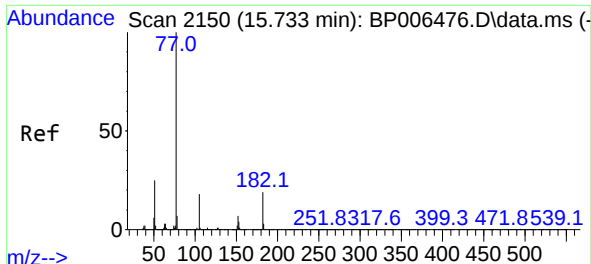
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#62  
4-Nitroaniline  
Concen: 43.640 ng  
RT: 15.422 min Scan# 2097  
Delta R.T. 0.006 min  
Lab File: BP006876.D  
Acq: 25 Aug 2021 11:08

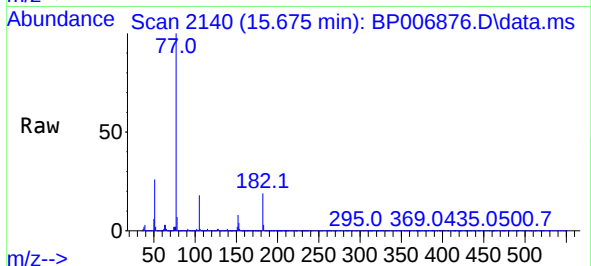
Tgt Ion:138 Resp: 238696  
Ion Ratio Lower Upper  
138 100  
92 58.3 31.2 71.2  
108 98.9 78.6 118.6





#63  
Azobenzene  
Concen: 45.564 ng  
RT: 15.675 min Scan# 2140  
Delta R.T. 0.000 min  
Lab File: BP006876.D  
Acq: 25 Aug 2021 11:08

Instrument :  
BNA\_P  
ClientSampleId :  
PB138637BS

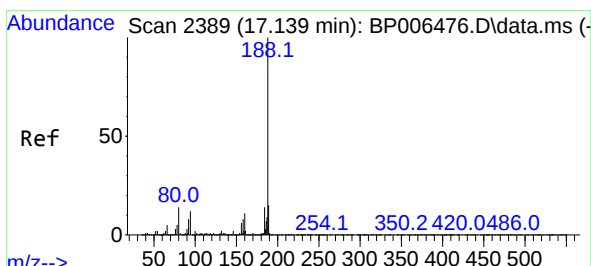
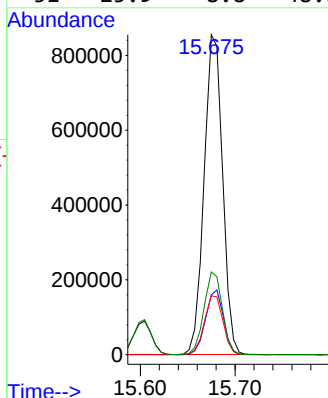
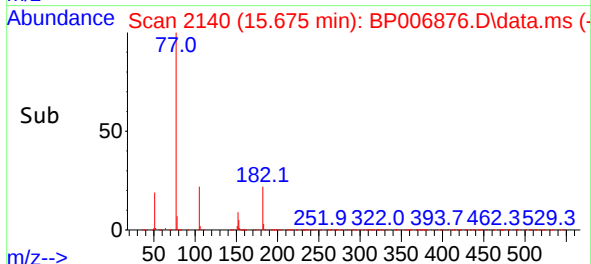


Tgt Ion: 77 Resp: 1162623

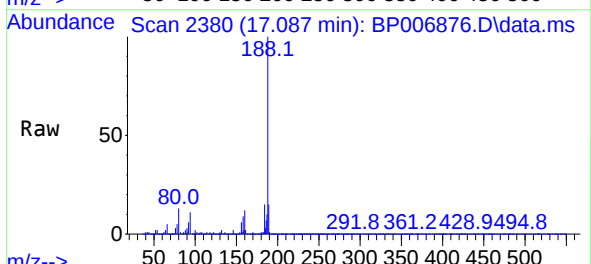
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 77  | 100   |       |       |
| 182 | 18.7  | 6.0   | 46.0  |
| 105 | 18.4  | 0.0   | 38.8  |
| 51  | 25.9  | 8.8   | 48.8  |

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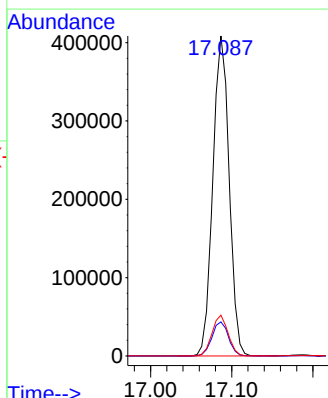
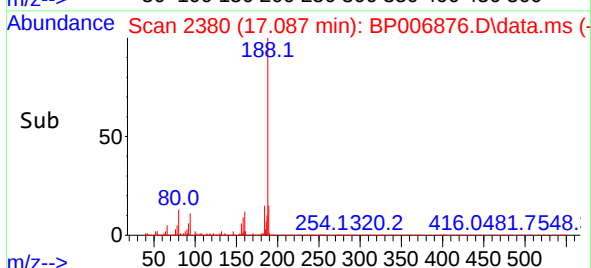


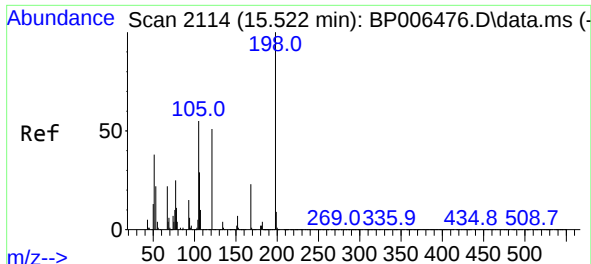
#64  
Phenanthrene-d10  
Concen: 20.000 ng  
RT: 17.087 min Scan# 2380  
Delta R.T. 0.000 min  
Lab File: BP006876.D  
Acq: 25 Aug 2021 11:08



Tgt Ion: 188 Resp: 570016

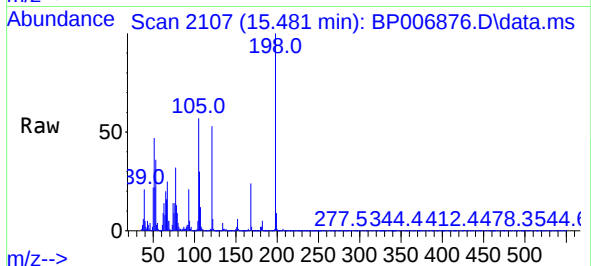
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 188 | 100   |       |       |
| 94  | 10.6  | 5.6   | 8.4#  |
| 80  | 12.7  | 6.3   | 9.5#  |





#65  
4,6-Dinitro-2-methylphenol  
Concen: 42.648 ng  
RT: 15.481 min Scan# 2107  
Delta R.T. 0.006 min  
Lab File: BP006876.D  
Acq: 25 Aug 2021 11:08

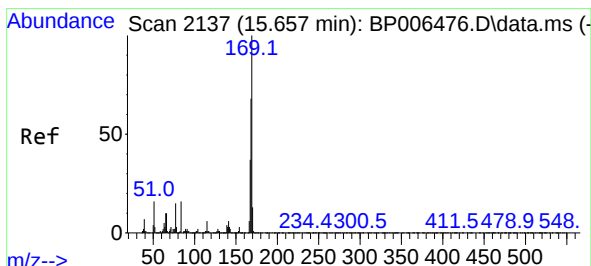
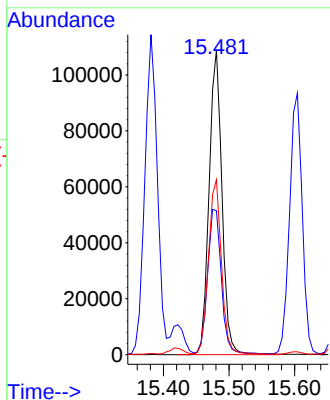
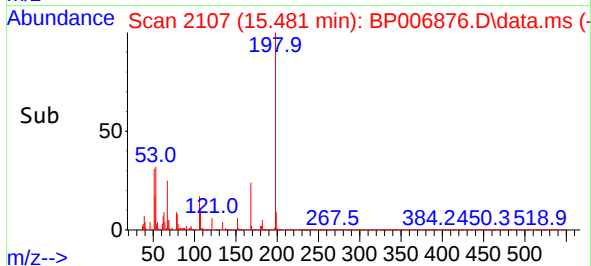
Instrument :  
BNA\_P  
ClientSampled :  
PB138637BS



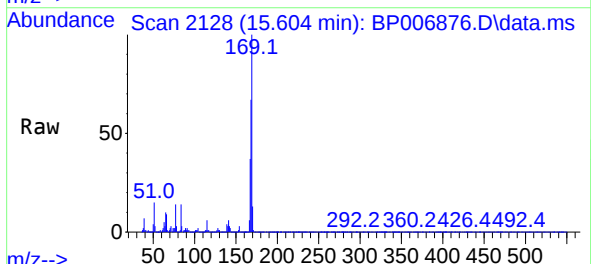
Tgt Ion:198 Resp: 148538  
Ion Ratio Lower Upper  
198 100  
51 47.3 14.0 54.0  
105 57.4 19.5 59.5

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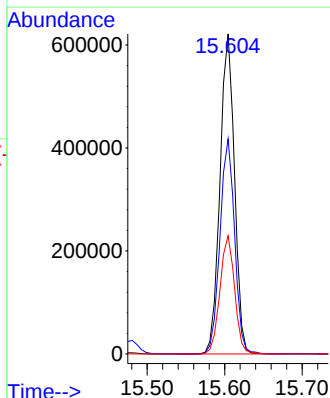
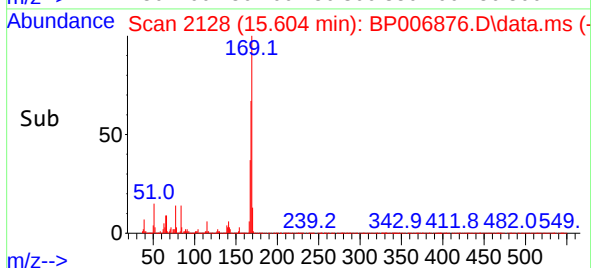
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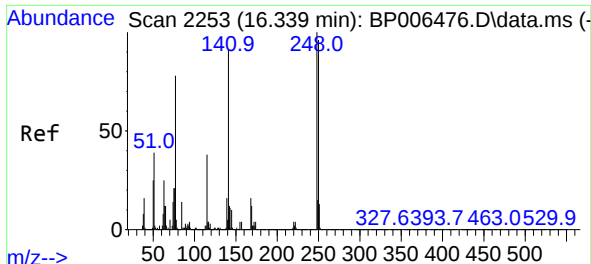


#66  
n-Nitrosodiphenylamine  
Concen: 45.111 ng  
RT: 15.604 min Scan# 2128  
Delta R.T. 0.006 min  
Lab File: BP006876.D  
Acq: 25 Aug 2021 11:08



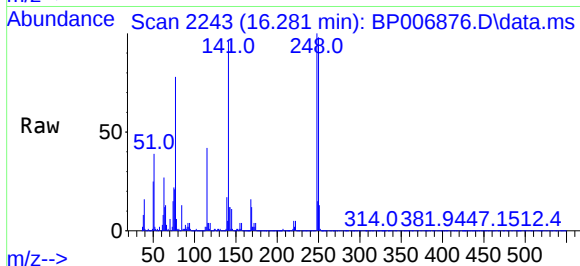
Tgt Ion:169 Resp: 808227  
Ion Ratio Lower Upper  
169 100  
168 67.2 54.4 81.6  
167 37.0 29.0 43.6





#67  
4-Bromophenyl-phenylether  
Concen: 47.159 ng  
RT: 16.281 min Scan# 2243  
Delta R.T. 0.000 min  
Lab File: BP006876.D  
Acq: 25 Aug 2021 11:08

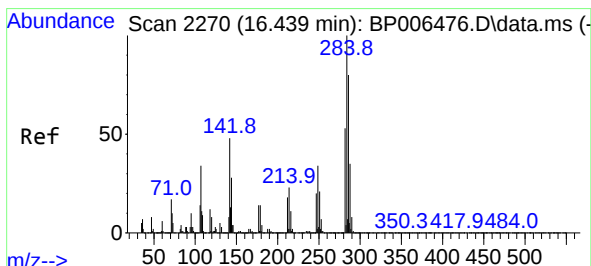
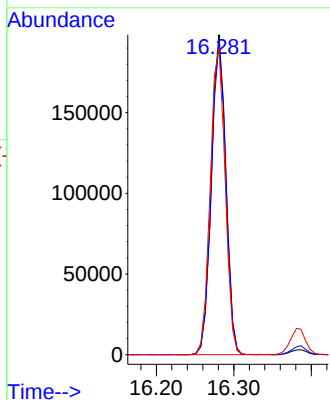
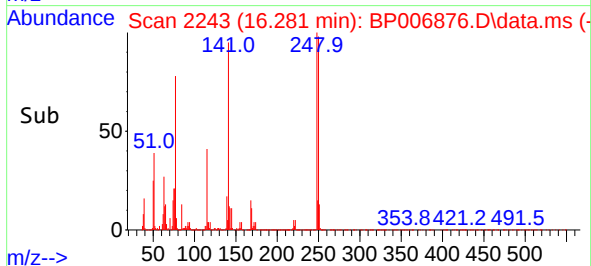
Instrument :  
BNA\_P  
ClientSampleId :  
PB138637BS



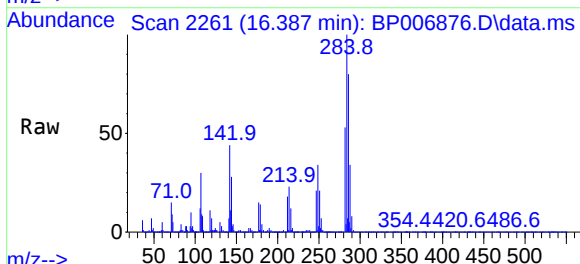
Tgt Ion:248 Resp: 257924  
Ion Ratio Lower Upper  
248 100  
250 97.8 79.8 119.8  
141 95.5 57.8 86.6#

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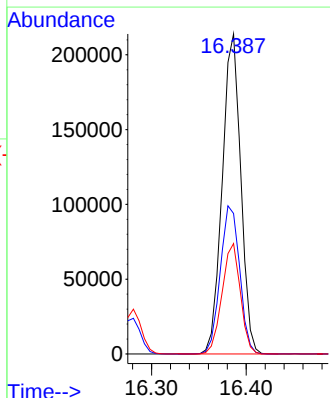
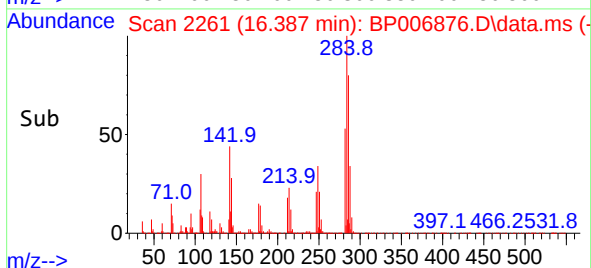
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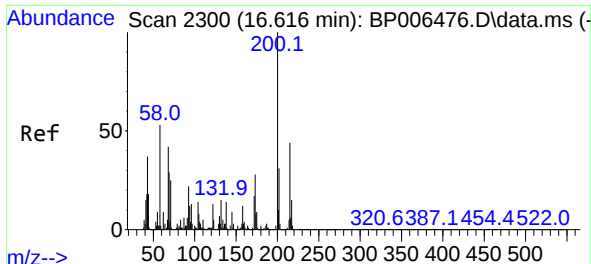


#68  
Hexachlorobenzene  
Concen: 46.723 ng  
RT: 16.387 min Scan# 2261  
Delta R.T. 0.000 min  
Lab File: BP006876.D  
Acq: 25 Aug 2021 11:08



Tgt Ion:284 Resp: 290804  
Ion Ratio Lower Upper  
284 100  
142 43.9 26.9 40.3#  
249 34.5 24.5 36.7





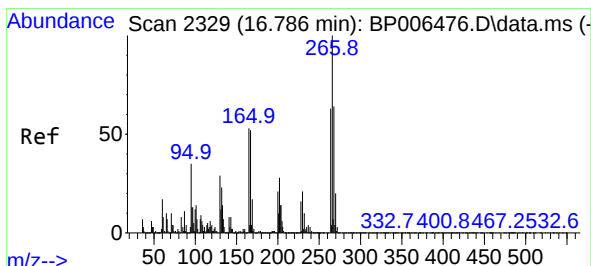
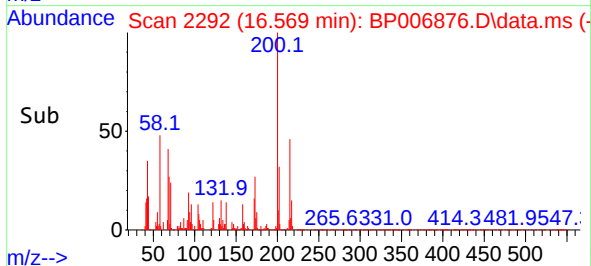
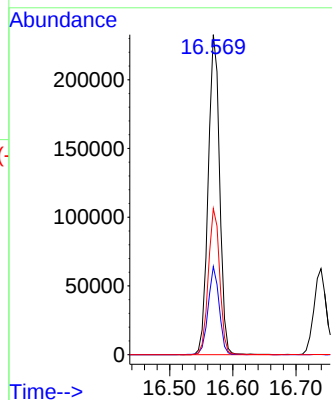
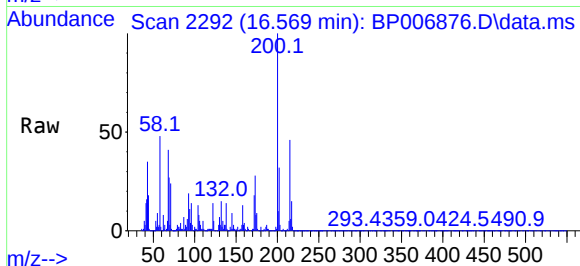
#69  
Atrazine  
Concen: 52.123 ng  
RT: 16.569 min Scan# 2292  
Delta R.T. 0.000 min  
Lab File: BP006876.D  
Acq: 25 Aug 2021 11:08

Tgt Ion:200 Resp: 291408  
Ion Ratio Lower Upper  
200 100  
173 27.6 4.1 44.1  
215 45.6 27.7 67.7

Instrument :  
BNA\_P  
ClientSampleId :  
PB138637BS

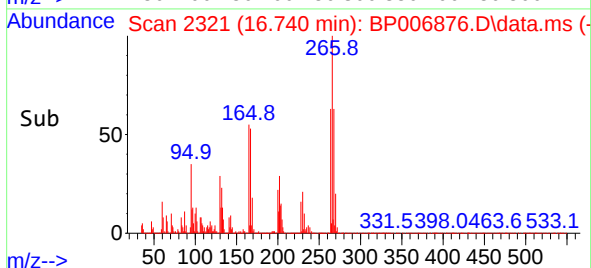
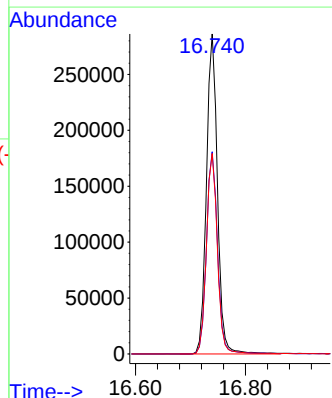
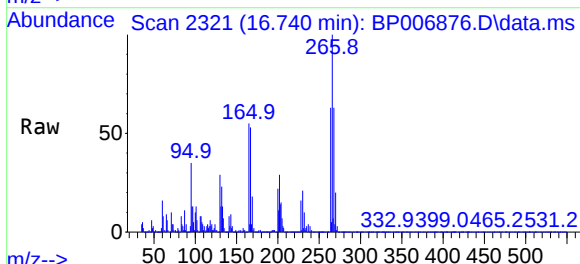
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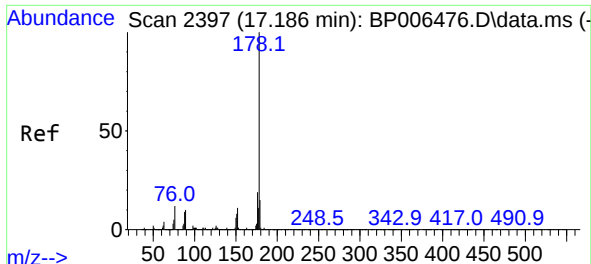
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#70  
Pentachlorophenol  
Concen: 100.448 ng  
RT: 16.740 min Scan# 2321  
Delta R.T. 0.006 min  
Lab File: BP006876.D  
Acq: 25 Aug 2021 11:08

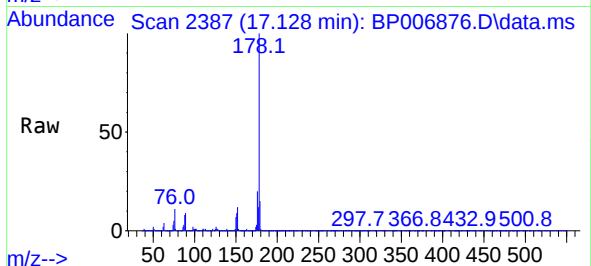
Tgt Ion:266 Resp: 396663  
Ion Ratio Lower Upper  
266 100  
268 63.2 51.6 77.4  
264 62.6 50.3 75.5





#71  
Phenanthrene  
Concen: 45.642 ng  
RT: 17.128 min Scan# 2387  
Delta R.T. 0.000 min  
Lab File: BP006876.D  
Acq: 25 Aug 2021 11:08

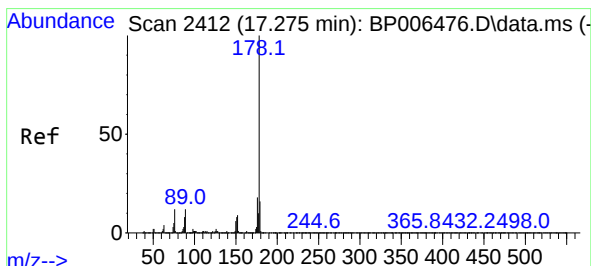
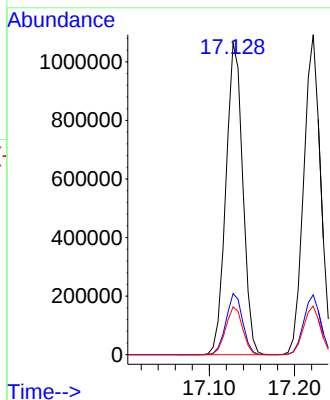
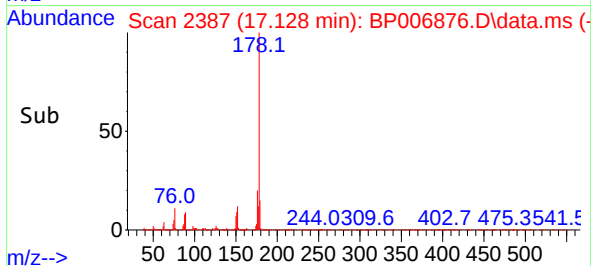
Instrument :  
BNA\_P  
ClientSampleId :  
PB138637BS



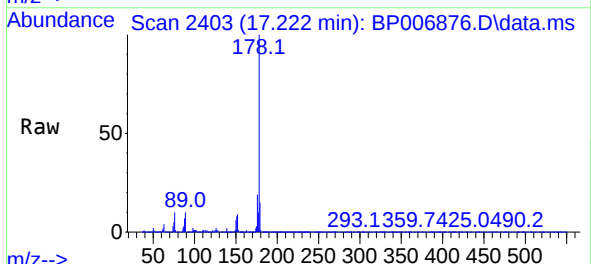
Tgt Ion:178 Resp: 1467494  
Ion Ratio Lower Upper  
178 100  
176 19.6 15.1 22.7  
179 15.3 12.4 18.6

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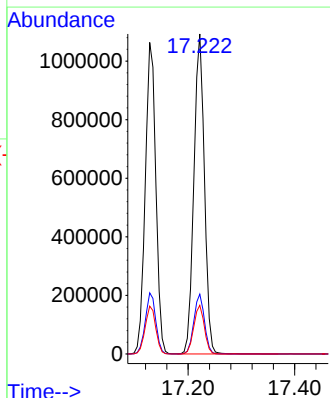
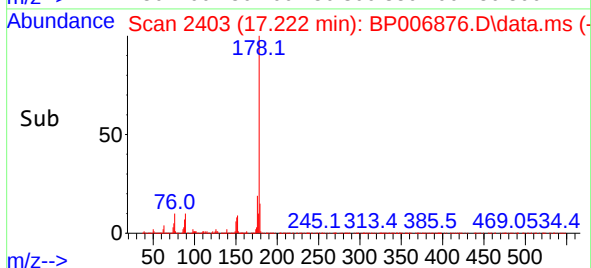
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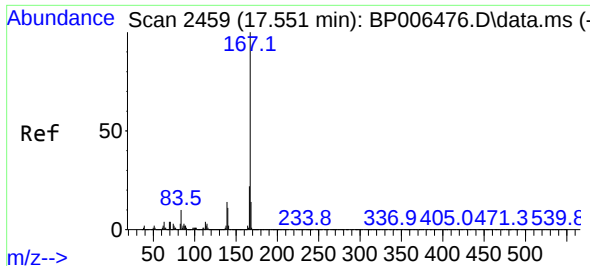


#72  
Anthracene  
Concen: 48.306 ng  
RT: 17.222 min Scan# 2403  
Delta R.T. 0.000 min  
Lab File: BP006876.D  
Acq: 25 Aug 2021 11:08

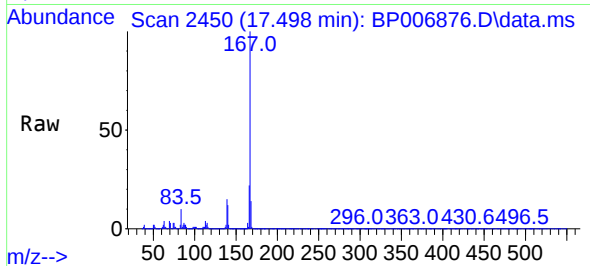


Tgt Ion:178 Resp: 1500792  
Ion Ratio Lower Upper  
178 100  
176 18.7 14.9 22.3  
179 15.2 12.2 18.2

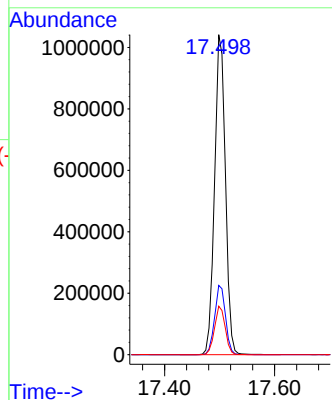




#73  
Carbazole  
Concen: 45.128 ng  
RT: 17.498 min Scan# 2450  
Delta R.T. 0.000 min  
Lab File: BP006876.D  
Acq: 25 Aug 2021 11:08



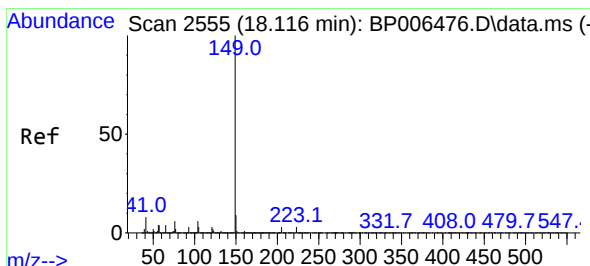
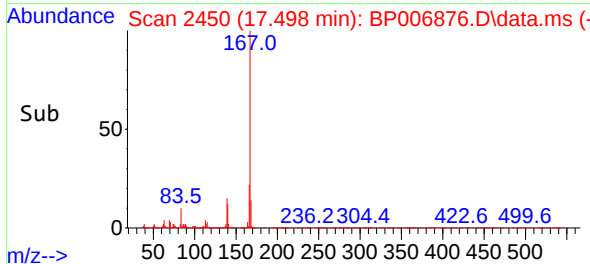
Tgt Ion:167 Resp: 1430083  
Ion Ratio Lower Upper  
167 100  
166 21.6 17.1 25.7  
139 15.2 10.7 16.1



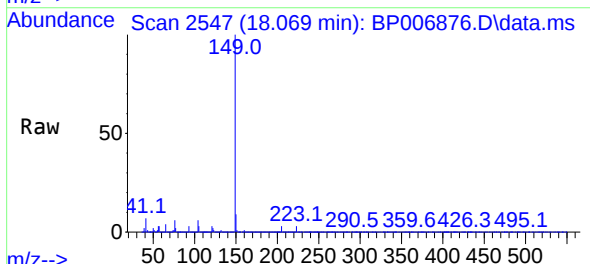
Instrument :  
BNA\_P  
ClientSampleId :  
PB138637BS

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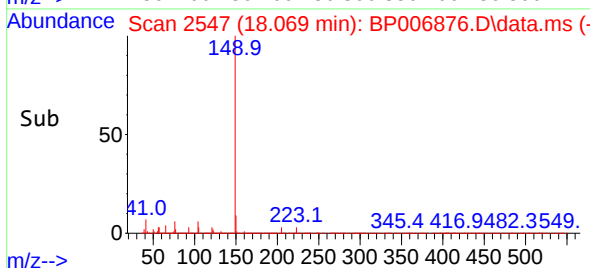
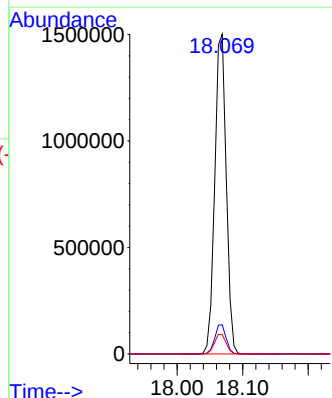
mohammad  
8/26/2021 11:40:29 AM

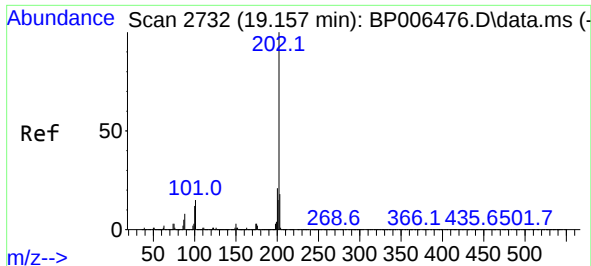


#74  
Di-n-butylphthalate  
Concen: 50.499 ng  
RT: 18.069 min Scan# 2547  
Delta R.T. 0.006 min  
Lab File: BP006876.D  
Acq: 25 Aug 2021 11:08



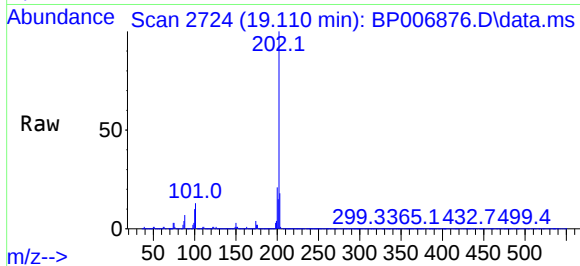
Tgt Ion:149 Resp: 1823233  
Ion Ratio Lower Upper  
149 100  
150 9.1 7.3 10.9  
104 6.0 4.5 6.7





#75  
Fluoranthene  
Concen: 47.105 ng  
RT: 19.110 min Scan# 2724  
Delta R.T. 0.000 min  
Lab File: BP006876.D  
Acq: 25 Aug 2021 11:08

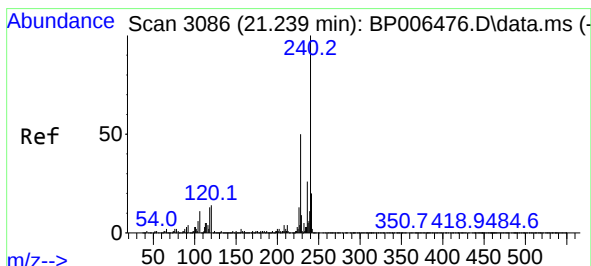
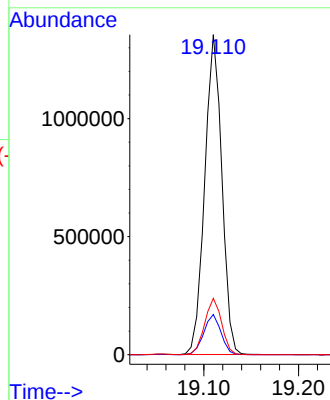
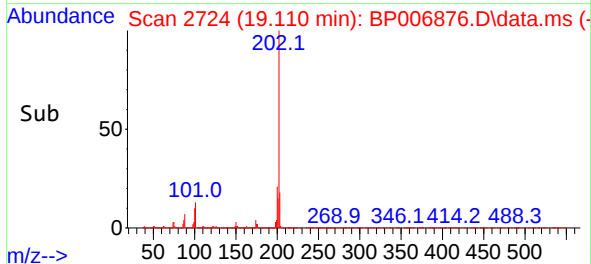
Instrument :  
BNA\_P  
ClientSampleId :  
PB138637BS



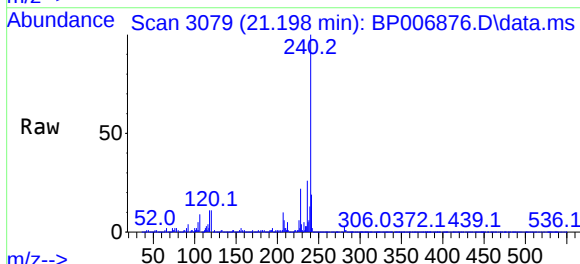
Tgt Ion:202 Resp: 1699913  
Ion Ratio Lower Upper  
202 100  
101 12.6 0.0 27.6  
203 17.6 0.0 37.8

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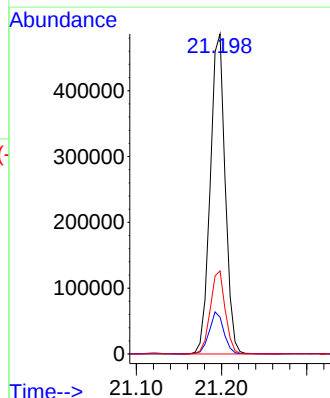
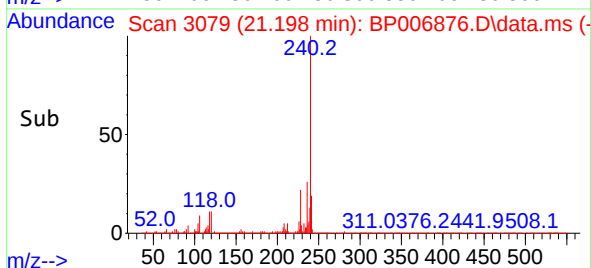
mohammad  
8/26/2021 11:40:29 AM

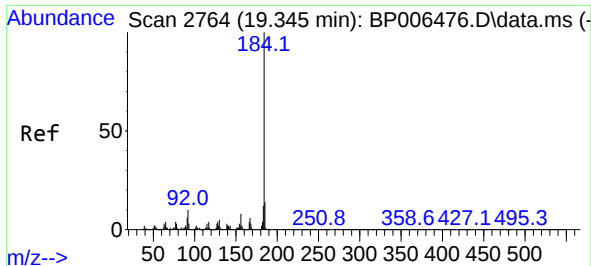


#76  
Chrysene-d12  
Concen: 20.000 ng  
RT: 21.198 min Scan# 3079  
Delta R.T. 0.006 min  
Lab File: BP006876.D  
Acq: 25 Aug 2021 11:08



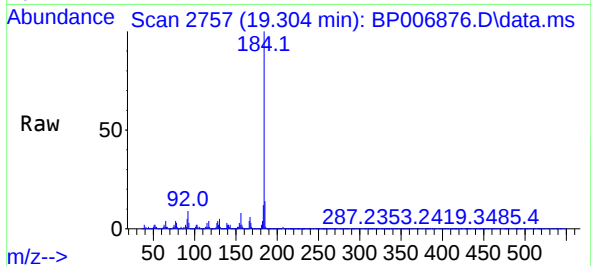
Tgt Ion:240 Resp: 591525  
Ion Ratio Lower Upper  
240 100  
120 11.5 6.5 9.7#  
236 26.0 20.6 31.0





#77  
Benzidine  
Concen: 83.454 ng  
RT: 19.304 min Scan# 2757  
Delta R.T. 0.000 min  
Lab File: BP006876.D  
Acq: 25 Aug 2021 11:08

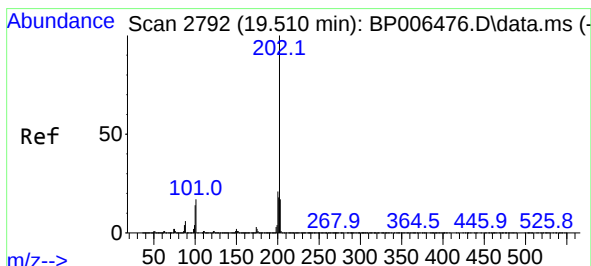
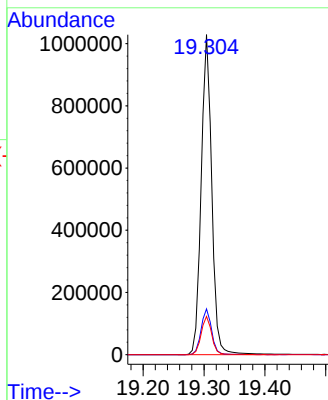
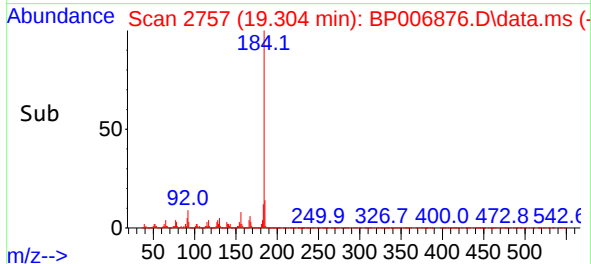
Instrument :  
BNA\_P  
ClientSampleId :  
PB138637BS



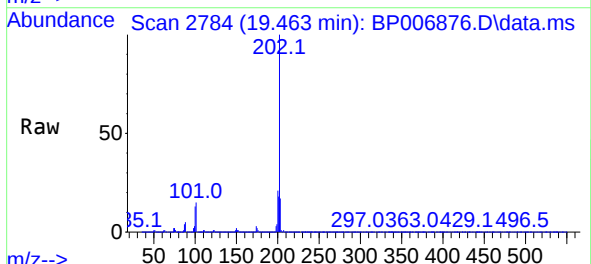
Tgt Ion:184 Resp: 1235286  
Ion Ratio Lower Upper  
184 100  
185 14.3 11.0 16.4  
183 12.0 9.5 14.3

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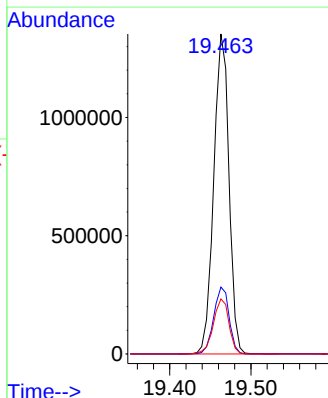
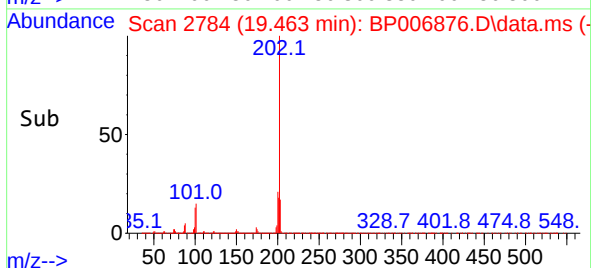
mohammad  
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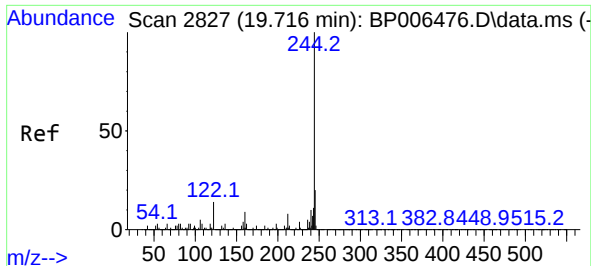


#78  
Pyrene  
Concen: 44.523 ng  
RT: 19.463 min Scan# 2784  
Delta R.T. 0.000 min  
Lab File: BP006876.D  
Acq: 25 Aug 2021 11:08



Tgt Ion:202 Resp: 1759151  
Ion Ratio Lower Upper  
202 100  
200 20.9 16.3 24.5  
203 17.2 14.2 21.2





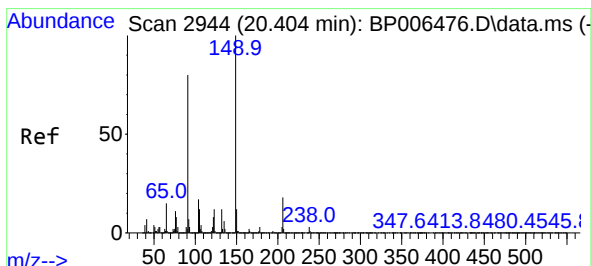
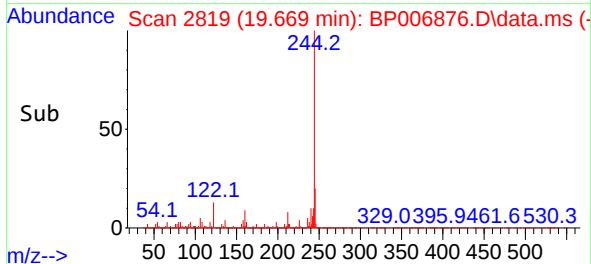
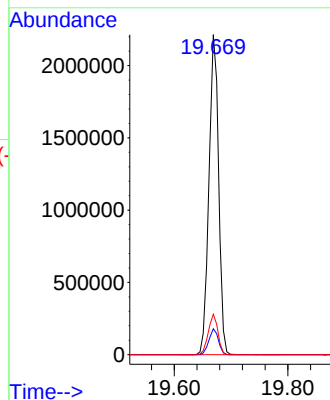
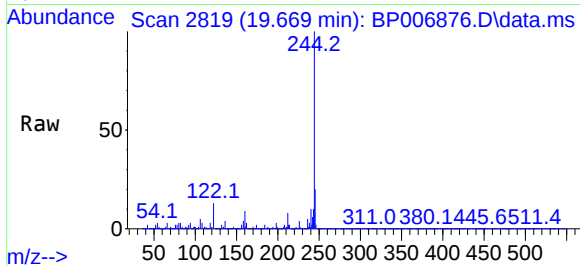
#79  
Terphenyl-d14  
Concen: 88.042 ng  
RT: 19.669 min Scan# 2819  
Delta R.T. 0.000 min  
Lab File: BP006876.D  
Acq: 25 Aug 2021 11:08

Tgt Ion:244 Resp: 2599028  
Ion Ratio Lower Upper  
244 100  
212 8.1 6.0 9.0  
122 12.7 7.1 10.7#

Instrument :  
BNA\_P  
ClientSampleId :  
PB138637BS

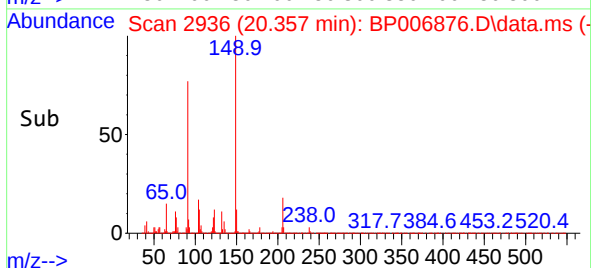
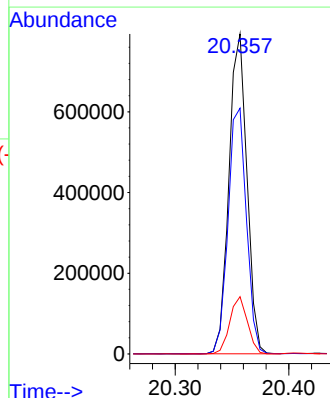
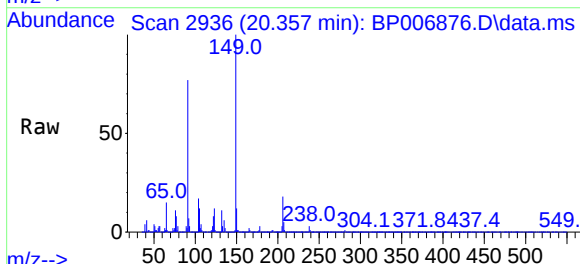
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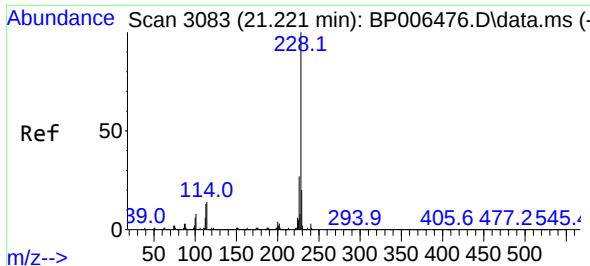
mohammad  
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#80  
Butylbenzylphthalate  
Concen: 50.132 ng  
RT: 20.357 min Scan# 2936  
Delta R.T. 0.006 min  
Lab File: BP006876.D  
Acq: 25 Aug 2021 11:08

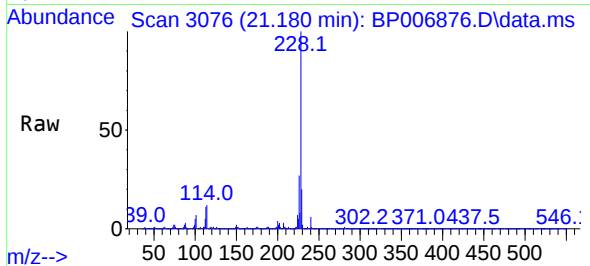
Tgt Ion:149 Resp: 871002  
Ion Ratio Lower Upper  
149 100  
91 76.8 54.6 81.8  
206 17.9 16.7 25.1





#81  
Benzo(a)anthracene  
Concen: 45.344 ng  
RT: 21.180 min Scan# 3076  
Delta R.T. 0.000 min  
Lab File: BP006876.D  
Acq: 25 Aug 2021 11:08

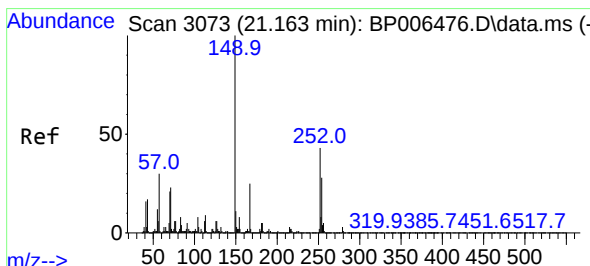
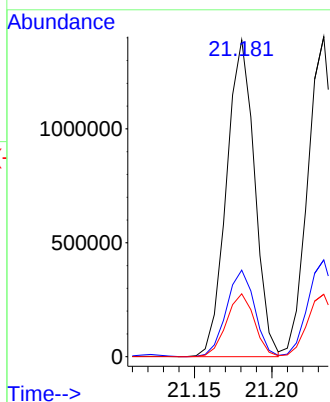
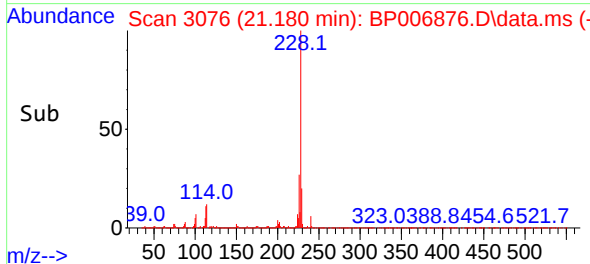
Instrument :  
BNA\_P  
ClientSampled :  
PB138637BS



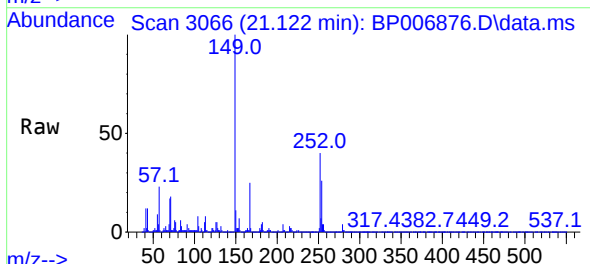
Tgt Ion:228 Resp: 1752929  
Ion Ratio Lower Upper  
228 100  
226 27.3 21.6 32.4  
229 19.8 15.8 23.6

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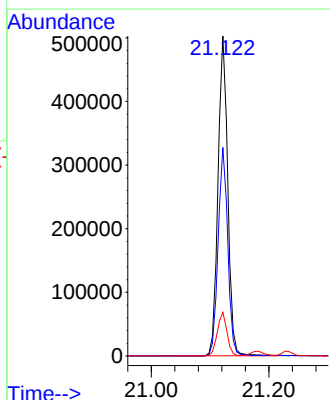
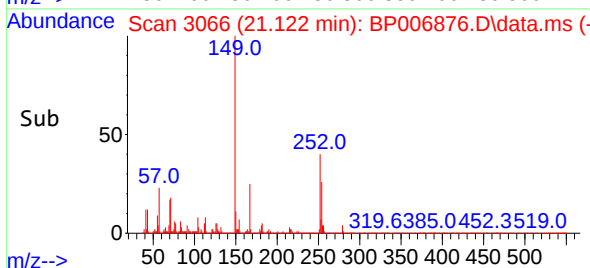
mohammad  
8/26/2021 11:40:29 AM

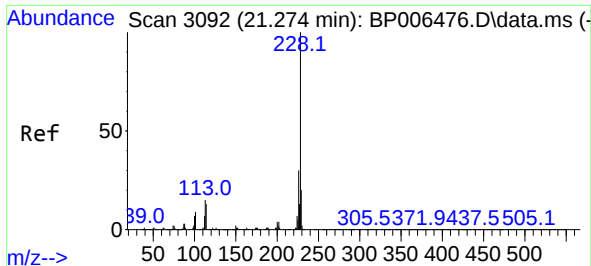


#82  
3,3'-Dichlorobenzidine  
Concen: 57.055 ng  
RT: 21.122 min Scan# 3066  
Delta R.T. 0.000 min  
Lab File: BP006876.D  
Acq: 25 Aug 2021 11:08



Tgt Ion:252 Resp: 579044  
Ion Ratio Lower Upper  
252 100  
254 65.2 50.6 76.0  
126 13.7 7.0 10.6#





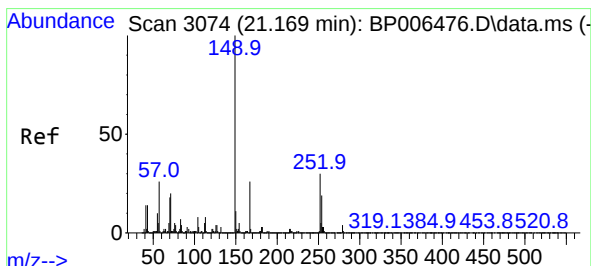
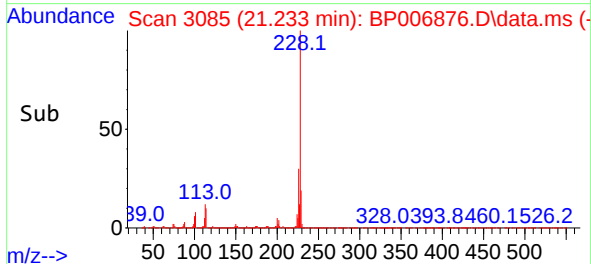
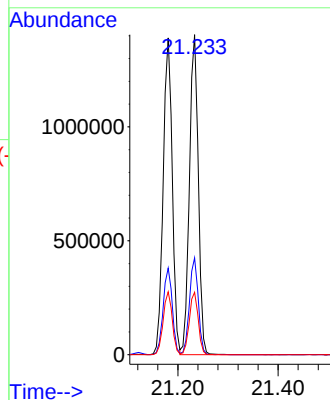
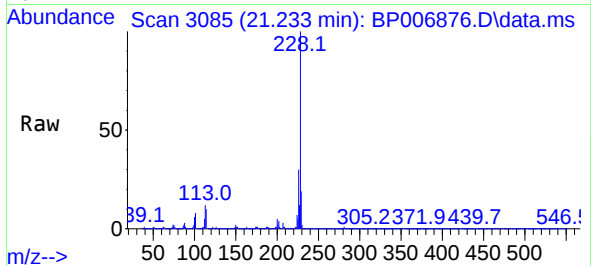
#83  
Chrysene  
Concen: 46.086 ng  
RT: 21.233 min Scan# 3085  
Delta R.T. 0.006 min  
Lab File: BP006876.D  
Acq: 25 Aug 2021 11:08

Tgt Ion:228 Resp: 1727173  
Ion Ratio Lower Upper  
228 100  
226 30.3 23.8 35.6  
229 19.5 15.4 23.2

Instrument :  
BNA\_P  
ClientSampleId :  
PB138637BS

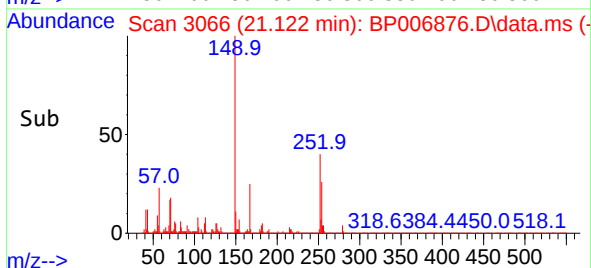
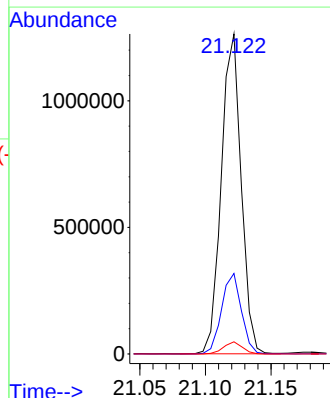
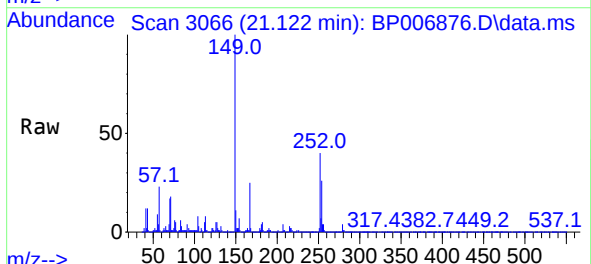
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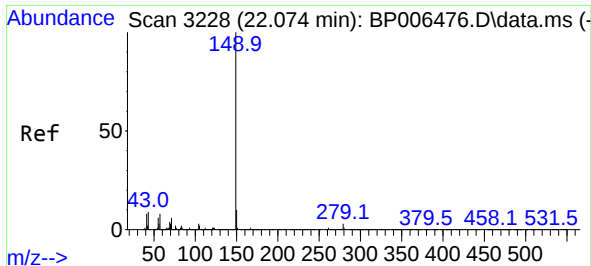
mohammad  
8/26/2021 11:40:29 AM



#84  
Bis(2-ethylhexyl)phthalate  
Concen: 50.849 ng  
RT: 21.122 min Scan# 3066  
Delta R.T. 0.006 min  
Lab File: BP006876.D  
Acq: 25 Aug 2021 11:08

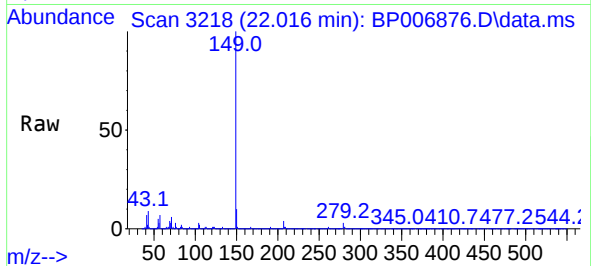
Tgt Ion:149 Resp: 1327598  
Ion Ratio Lower Upper  
149 100  
167 25.2 21.9 32.9  
279 3.8 4.3 6.5#





#85  
Di-n-octyl phthalate  
Concen: 54.452 ng  
RT: 22.016 min Scan# 3218  
Delta R.T. 0.000 min  
Lab File: BP006876.D  
Acq: 25 Aug 2021 11:08

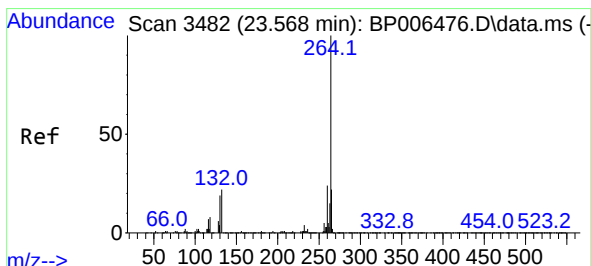
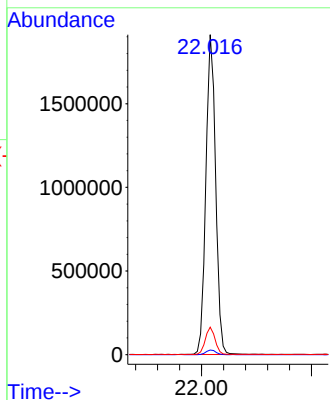
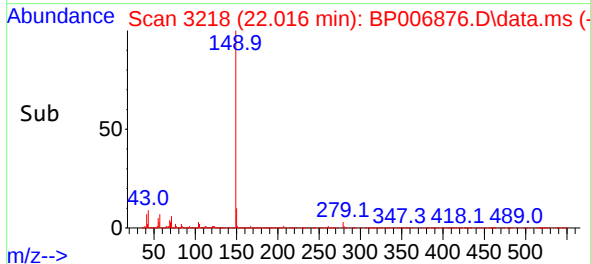
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ClientSampleId :  
PB138637BS



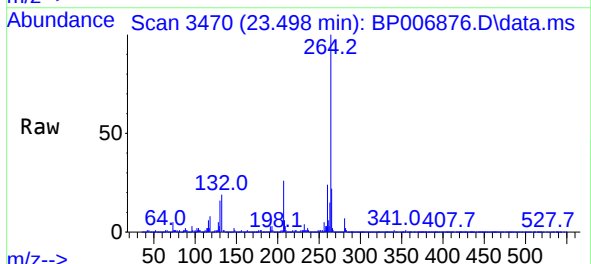
Tgt Ion:149 Resp: 2343284  
Ion Ratio Lower Upper  
149 100  
167 1.5 1.4 2.0  
43 8.5 5.6 8.4#

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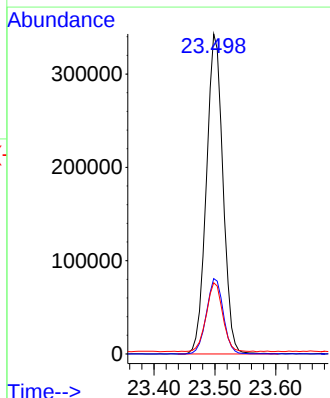
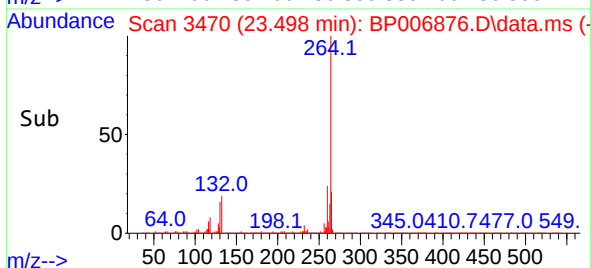
mohammad  
8/26/2021 11:40:29 AM

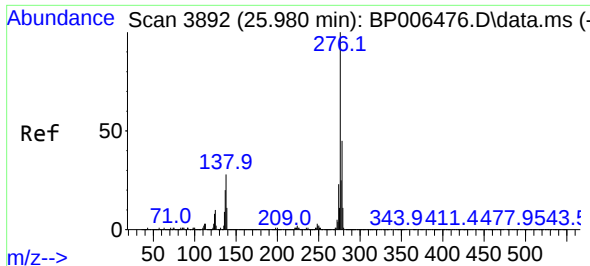


#86  
Perylene-d12  
Concen: 20.000 ng  
RT: 23.498 min Scan# 3470  
Delta R.T. 0.000 min  
Lab File: BP006876.D  
Acq: 25 Aug 2021 11:08



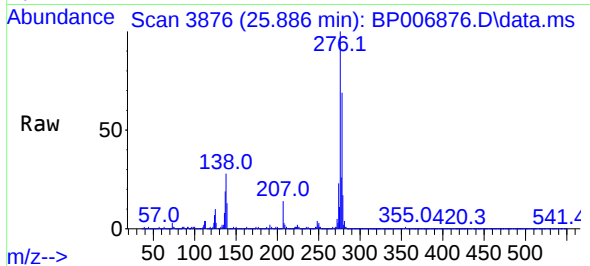
Tgt Ion:264 Resp: 648375  
Ion Ratio Lower Upper  
264 100  
260 23.6 18.6 28.0  
265 22.3 17.6 26.4





#87  
Indeno(1,2,3-cd)pyrene  
Concen: 50.186 ng  
RT: 25.886 min Scan# 3876  
Delta R.T. 0.012 min  
Lab File: BP006876.D  
Acq: 25 Aug 2021 11:08

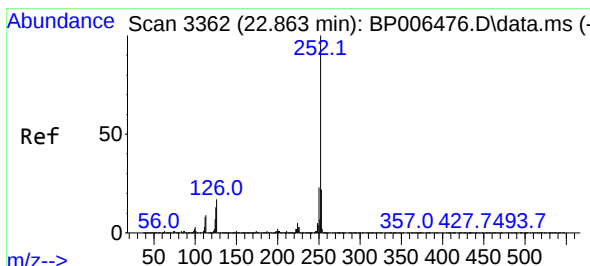
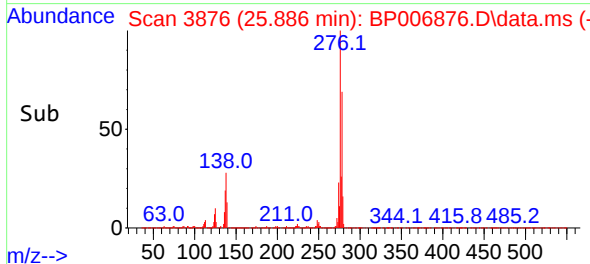
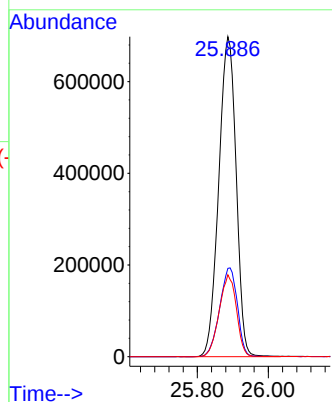
Instrument :  
BNA\_P  
ClientSampled :  
PB138637BS



Tgt Ion:276 Resp: 2359426  
Ion Ratio Lower Upper  
276 100  
138 28.2 15.3 22.9#  
277 25.3 20.4 30.6

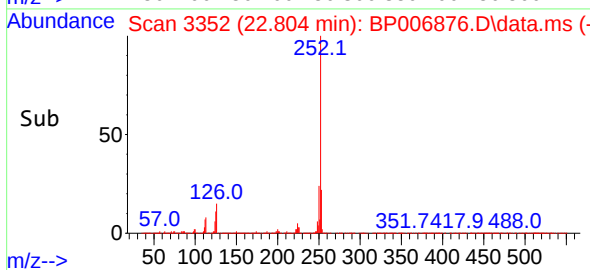
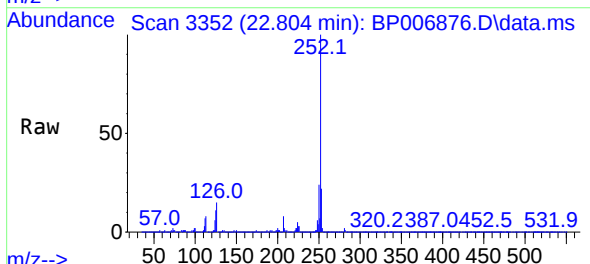
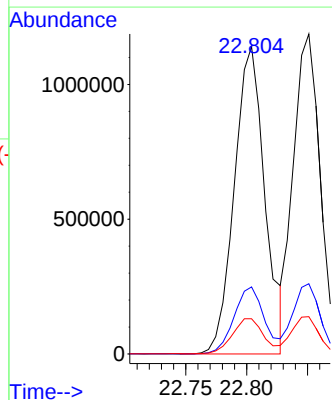
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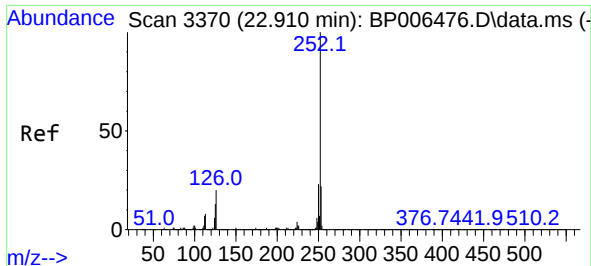
mohammad  
8/26/2021 11:40:29 AM



#88  
Benzo(b)fluoranthene  
Concen: 47.096 ng  
RT: 22.804 min Scan# 3352  
Delta R.T. 0.006 min  
Lab File: BP006876.D  
Acq: 25 Aug 2021 11:08

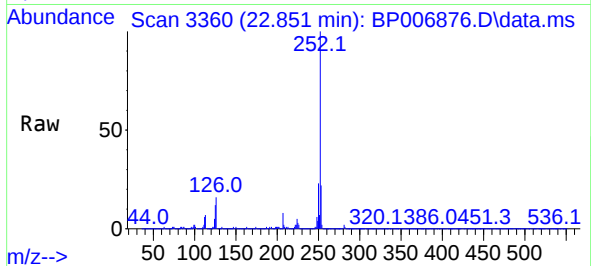
Tgt Ion:252 Resp: 1984606  
Ion Ratio Lower Upper  
252 100  
253 21.8 17.5 26.3  
125 11.5 6.2 9.4#





#89  
Benzo(k)fluoranthene  
Concen: 44.941 ng  
RT: 22.851 min Scan# 3360  
Delta R.T. 0.006 min  
Lab File: BP006876.D  
Acq: 25 Aug 2021 11:08

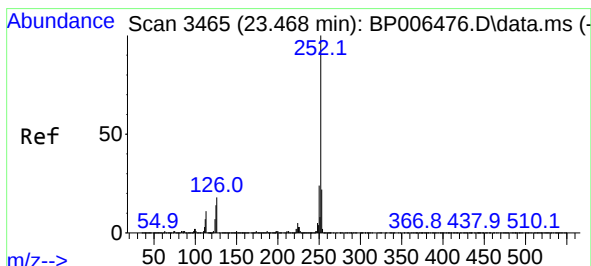
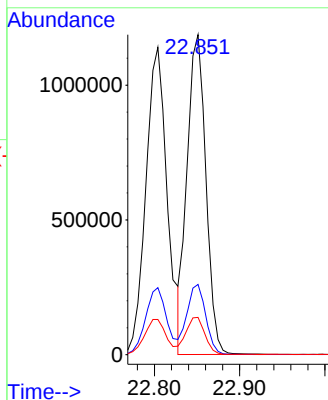
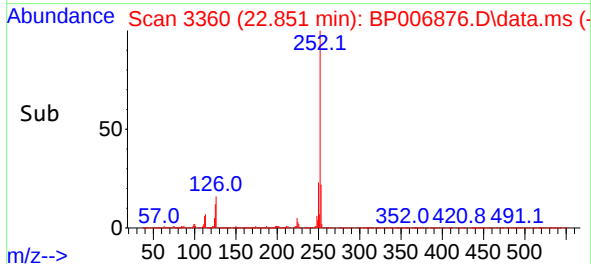
Instrument :  
BNA\_P  
ClientSampleId :  
PB138637BS



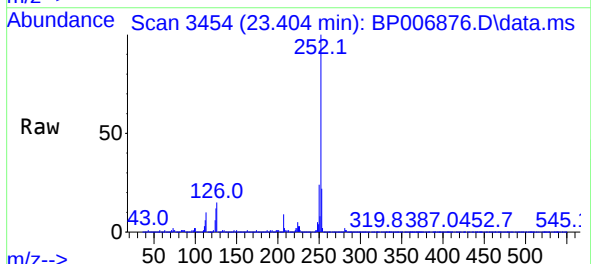
Tgt Ion:252 Resp: 1818244  
Ion Ratio Lower Upper  
252 100  
253 22.0 17.6 26.4  
125 11.6 6.0 9.0#

Manual Integrations  
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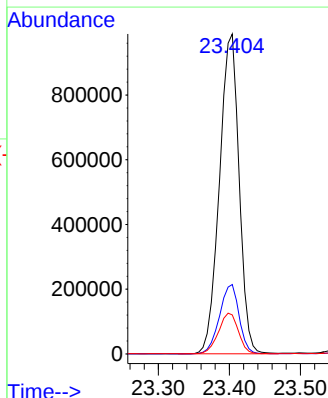
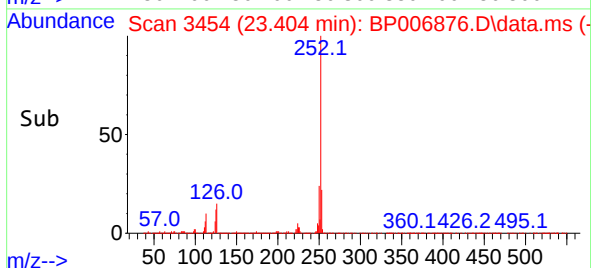
mohammad  
8/26/2021 11:40:29 AM

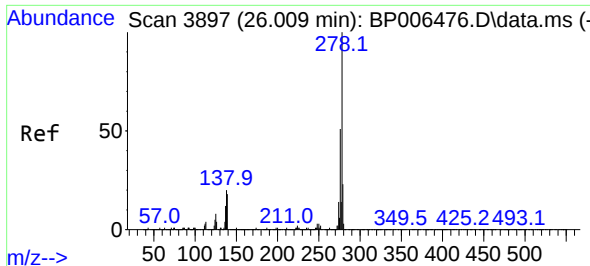


#90  
Benzo(a)pyrene  
Concen: 50.171 ng  
RT: 23.404 min Scan# 3454  
Delta R.T. 0.006 min  
Lab File: BP006876.D  
Acq: 25 Aug 2021 11:08



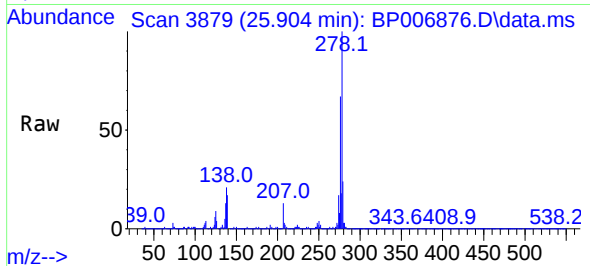
Tgt Ion:252 Resp: 1896308  
Ion Ratio Lower Upper  
252 100  
253 21.7 17.9 26.9  
125 12.2 6.5 9.7#





#91  
Dibenzo(a,h)anthracene  
Concen: 49.270 ng  
RT: 25.904 min Scan# 3879  
Delta R.T. 0.012 min  
Lab File: BP006876.D  
Acq: 25 Aug 2021 11:08

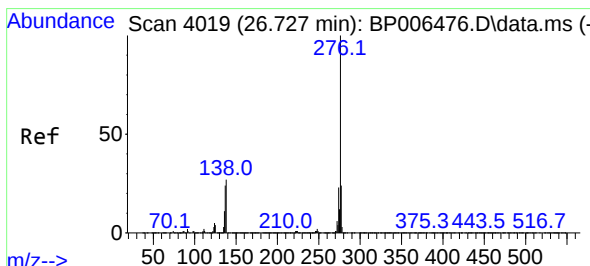
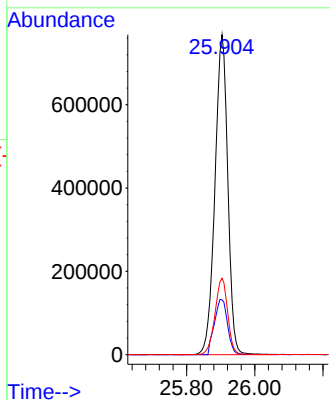
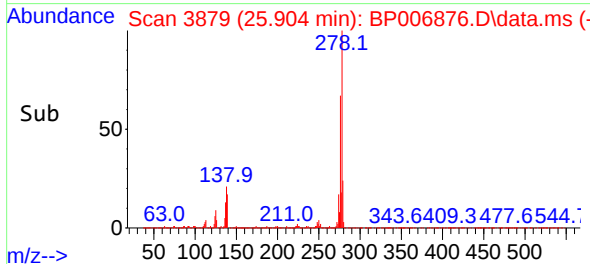
Instrument :  
BNA\_P  
ClientSampleId :  
PB138637BS



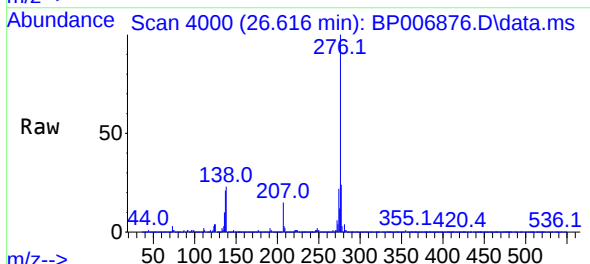
Tgt Ion:278 Resp: 2002780  
Ion Ratio Lower Upper  
278 100  
139 17.2 9.3 13.9#  
279 23.9 18.8 28.2

Manual Integrations  
APPROVED

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#92  
Benzo(g,h,i)perylene  
Concen: 50.585 ng  
RT: 26.616 min Scan# 4000  
Delta R.T. 0.012 min  
Lab File: BP006876.D  
Acq: 25 Aug 2021 11:08



Tgt Ion:276 Resp: 1970443  
Ion Ratio Lower Upper  
276 100  
277 23.5 18.9 28.3  
138 23.1 12.6 18.8#

