

Data Path : Z:\svoasrv\HPCHEM1\BNA\_P\Data\BP081821\  
 Data File : BP006740.D  
 Acq On : 18 Aug 2021 12:08  
 Operator : CG/JU  
 Sample : PB138447BS  
 Misc :  
 ALS Vial : 4 Sample Multiplier: 1

Instrument :  
 BNA\_P  
 ClientSampleId :  
 PB138447BS

Quant Time: Aug 27 01:57:22 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     | 7.699  | 152  | 152573   | 20.000  | ng    | 0.02     |
| 21) Naphthalene-d8            | 10.487 | 136  | 650486   | 20.000  | ng    | # 0.02   |
| 39) Acenaphthene-d10          | 14.346 | 164  | 369265   | 20.000  | ng    | 0.02     |
| 64) Phenanthrene-d10          | 17.098 | 188  | 730198   | 20.000  | ng    | # 0.01   |
| 76) Chrysene-d12              | 21.210 | 240  | 701927   | 20.000  | ng    | # 0.02   |
| 86) Perylene-d12              | 23.516 | 264  | 740022   | 20.000  | ng    | 0.02     |
| System Monitoring Compounds   |        |      |          |         |       |          |
| 5) 2-Fluorophenol             | 5.305  | 112  | 1464668  | 147.447 | ng    | 0.02     |
| 7) Phenol-d6                  | 6.893  | 99   | 1815771  | 128.680 | ng    | 0.02     |
| 23) Nitrobenzene-d5           | 8.864  | 82   | 1230406  | 87.308  | ng    | 0.02     |
| 42) 2,4,6-Tribromophenol      | 15.845 | 330  | 558297   | 144.666 | ng    | 0.02     |
| 45) 2-Fluorobiphenyl          | 12.963 | 172  | 2163696  | 87.665  | ng    | 0.02     |
| 79) Terphenyl-d14             | 19.681 | 244  | 3198426  | 91.305  | ng    | 0.01     |
| Target Compounds              |        |      |          |         |       |          |
|                               |        |      |          |         |       | Qvalue   |
| 2) 1,4-Dioxane                | 3.240  | 88   | 162378   | 37.547  | ng    | 94       |
| 3) Pyridine                   | 3.634  | 79   | 430695   | 33.884  | ng    | 97       |
| 4) n-Nitrosodimethylamine     | 3.552  | 42   | 198120   | 41.296  | ng    | # 77     |
| 6) Aniline                    | 7.040  | 93   | 729783   | 47.612  | ng    | 96       |
| 8) 2-Chlorophenol             | 7.269  | 128  | 530387   | 49.348  | ng    | 93       |
| 9) Benzaldehyde               | 6.852  | 77   | 390840   | 46.020  | ng    | 93       |
| 10) Phenol                    | 6.917  | 94   | 673534   | 47.602  | ng    | 99       |
| 11) bis(2-Chloroethyl)ether   | 7.140  | 93   | 493630   | 45.946  | ng    | 92       |
| 12) 1,3-Dichlorobenzene       | 7.587  | 146  | 528827   | 47.209  | ng    | 97       |
| 13) 1,4-Dichlorobenzene       | 7.734  | 146  | 540997   | 47.587  | ng    | 98       |
| 14) 1,2-Dichlorobenzene       | 8.046  | 146  | 514843   | 47.195  | ng    | 97       |
| 15) Benzyl Alcohol            | 7.952  | 79   | 505238   | 47.745  | ng    | 95       |
| 16) 2,2'-oxybis(1-Chloropr... | 8.228  | 45   | 544126   | 42.560  | ng    | 94       |
| 17) 2-Methylphenol            | 8.152  | 107  | 444017   | 49.697  | ng    | 99       |
| 18) Hexachloroethane          | 8.764  | 117  | 218328   | 48.519  | ng    | # 89     |
| 19) n-Nitroso-di-n-propyla... | 8.516  | 70   | 419911   | 44.355  | ng    | 96       |
| 20) 3+4-Methylphenols         | 8.481  | 107  | 598765   | 49.237  | ng    | 97       |
| 22) Acetophenone              | 8.528  | 105  | 804886   | 46.659  | ng    | # 98     |
| 24) Nitrobenzene              | 8.905  | 77   | 639410   | 43.647  | ng    | 93       |
| 25) Isophorone                | 9.434  | 82   | 1076568  | 42.531  | ng    | 96       |
| 26) 2-Nitrophenol             | 9.611  | 139  | 268446   | 50.352  | ng    | 94       |
| 27) 2,4-Dimethylphenol        | 9.681  | 122  | 476282   | 53.349  | ng    | 96       |
| 28) bis(2-Chloroethoxy)met... | 9.916  | 93   | 654732   | 48.343  | ng    | 97       |
| 29) 2,4-Dichlorophenol        | 10.140 | 162  | 444037   | 49.127  | ng    | 95       |
| 30) 1,2,4-Trichlorobenzene    | 10.352 | 180  | 451450   | 46.482  | ng    | 97       |
| 31) Naphthalene               | 10.534 | 128  | 1579874  | 45.199  | ng    | 99       |
| 32) Benzoic acid              | 9.840  | 122  | 333174   | 48.241  | ng    | 90       |
| 33) 4-Chloroaniline           | 10.658 | 127  | 504569   | 35.672  | ng    | # 95     |
| 34) Hexachlorobutadiene       | 10.816 | 225  | 266597   | 47.104  | ng    | 98       |
| 35) Caprolactam               | 11.469 | 113  | 87873    | 26.962  | ng    | # 71     |
| 36) 4-Chloro-3-methylphenol   | 11.793 | 107  | 548855   | 47.794  | ng    | 91       |
| 37) 2-Methylnaphthalene       | 12.152 | 142  | 1075639  | 45.414  | ng    | 99       |
| 38) 1-Methylnaphthalene       | 12.369 | 142  | 996452   | 44.270  | ng    | 98       |
| 40) 1,2,4,5-Tetrachloroben... | 12.522 | 216  | 460686   | 47.667  | ng    | # 94     |
| 41) Hexachlorocyclopentadiene | 12.499 | 237  | 651759   | 127.150 | ng    | 99       |
| 43) 2,4,6-Trichlorophenol     | 12.769 | 196  | 325923   | 49.388  | ng    | 96       |

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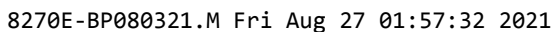
Instrument :  
 BNA\_P  
 ClientSampleId :  
 PB138447BS

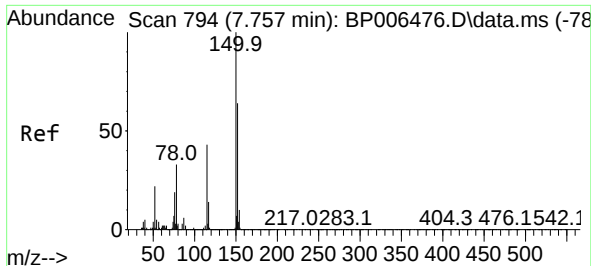
Quant Time: Aug 27 01:57:22 2021  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_P\Methods\8270E-BP080321.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Wed Aug 25 11:27:41 2021  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc    | Units | Dev(Min) |
|-------------------------------|--------|------|----------|---------|-------|----------|
| 44) 2,4,5-Trichlorophenol     | 12.846 | 196  | 357986   | 49.007  | ng    | # 91     |
| 46) 1,1'-Biphenyl             | 13.175 | 154  | 1255897  | 44.934  | ng    | 97       |
| 47) 2-Chloronaphthalene       | 13.210 | 162  | 980789   | 45.568  | ng    | 94       |
| 48) 2-Nitroaniline            | 13.428 | 65   | 368165   | 48.469  | ng    | # 85     |
| 49) Acenaphthylene            | 14.063 | 152  | 1636613  | 47.156  | ng    | 100      |
| 50) Dimethylphthalate         | 13.816 | 163  | 1263901  | 47.021  | ng    | 99       |
| 51) 2,6-Dinitrotoluene        | 13.934 | 165  | 277256   | 46.225  | ng    | # 78     |
| 52) Acenaphthene              | 14.410 | 154  | 950047   | 44.979  | ng    | 98       |
| 53) 3-Nitroaniline            | 14.263 | 138  | 258243   | 38.837  | ng    | 84       |
| 54) 2,4-Dinitrophenol         | 14.475 | 184  | 322140   | 102.705 | ng    | # 79     |
| 55) Dibenzofuran              | 14.746 | 168  | 1477546  | 44.472  | ng    | 94       |
| 56) 4-Nitrophenol             | 14.587 | 139  | 559370   | 96.882  | ng    | 89       |
| 57) 2,4-Dinitrotoluene        | 14.728 | 165  | 390252   | 48.516  | ng    | # 77     |
| 58) Fluorene                  | 15.398 | 166  | 1216970  | 45.827  | ng    | 100      |
| 59) 2,3,4,6-Tetrachlorophenol | 14.975 | 232  | 293701   | 47.978  | ng    | # 70     |
| 60) Diethylphthalate          | 15.187 | 149  | 1364065  | 48.316  | ng    | 96       |
| 61) 4-Chlorophenyl-phenyle... | 15.398 | 204  | 562095   | 46.740  | ng    | 90       |
| 62) 4-Nitroaniline            | 15.434 | 138  | 333410   | 47.253  | ng    | 93       |
| 63) Azobenzene                | 15.693 | 77   | 1498082  | 45.513  | ng    | 93       |
| 65) 4,6-Dinitro-2-methylph... | 15.493 | 198  | 193095   | 43.279  | ng    | 78       |
| 66) n-Nitrosodiphenylamine    | 15.616 | 169  | 1041051  | 45.359  | ng    | 99       |
| 67) 4-Bromophenyl-phenylether | 16.293 | 248  | 333160   | 47.552  | ng    | # 86     |
| 68) Hexachlorobenzene         | 16.398 | 284  | 374198   | 46.933  | ng    | # 84     |
| 69) Atrazine                  | 16.587 | 200  | 371789   | 51.912  | ng    | 97       |
| 70) Pentachlorophenol         | 16.751 | 266  | 510577   | 100.932 | ng    | 99       |
| 71) Phenanthrene              | 17.145 | 178  | 1879922  | 45.643  | ng    | 99       |
| 72) Anthracene                | 17.234 | 178  | 1908312  | 47.949  | ng    | 99       |
| 73) Carbazole                 | 17.516 | 167  | 1790664  | 44.111  | ng    | 98       |
| 74) Di-n-butylphthalate       | 18.081 | 149  | 2333063  | 50.445  | ng    | 99       |
| 75) Fluoranthene              | 19.122 | 202  | 2118472  | 45.826  | ng    | 95       |
| 77) Benzidine                 | 19.316 | 184  | 1692670  | 96.369  | ng    | 99       |
| 78) Pyrene                    | 19.475 | 202  | 2167656  | 46.233  | ng    | 99       |
| 80) Butylbenzylphthalate      | 20.369 | 149  | 1068671  | 51.835  | ng    | 89       |
| 81) Benzo(a)anthracene        | 21.192 | 228  | 2077695  | 45.292  | ng    | 99       |
| 82) 3,3'-Dichlorobenzidine    | 21.133 | 252  | 626989   | 52.062  | ng    | # 97     |
| 83) Chrysene                  | 21.245 | 228  | 2027569  | 45.592  | ng    | 99       |
| 84) Bis(2-ethylhexyl)phtha... | 21.133 | 149  | 1608435  | 51.915  | ng    | # 96     |
| 85) Di-n-octyl phthalate      | 22.033 | 149  | 2778618  | 54.413  | ng    | # 96     |
| 87) Indeno(1,2,3-cd)pyrene    | 25.910 | 276  | 2568842  | 47.873  | ng    | # 91     |
| 88) Benzo(b)fluoranthene      | 22.816 | 252  | 2164135  | 44.996  | ng    | # 96     |
| 89) Benzo(k)fluoranthene      | 22.863 | 252  | 2140778  | 46.360  | ng    | # 96     |
| 90) Benzo(a)pyrene            | 23.416 | 252  | 2116105  | 49.053  | ng    | # 95     |
| 91) Dibenzo(a,h)anthracene    | 25.927 | 278  | 2182603  | 47.045  | ng    | # 93     |
| 92) Benzo(g,h,i)perylene      | 26.639 | 276  | 2147174  | 48.296  | ng    | # 91     |

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

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QLast Update : Wed Aug 25 11:27:41 2021  
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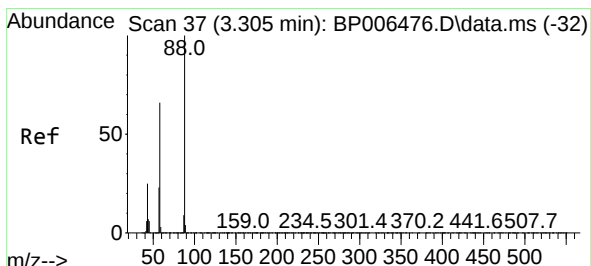
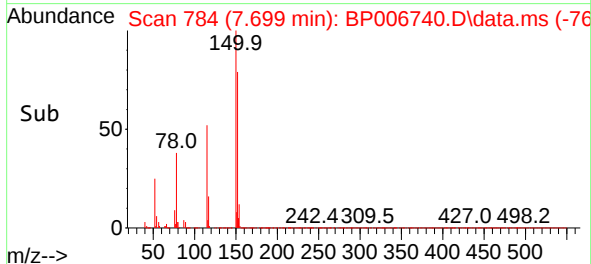
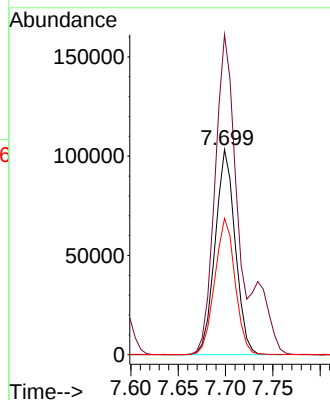
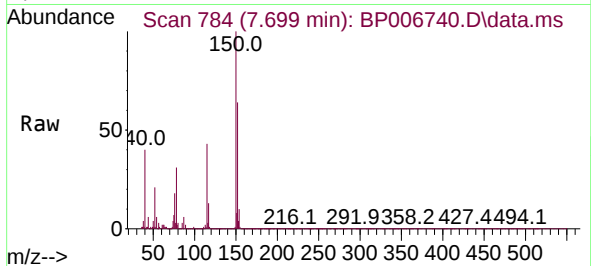




#1  
1,4-Dichlorobenzene-d4  
Concen: 20.000 ng  
RT: 7.699 min Scan# 784  
Delta R.T. 0.018 min  
Lab File: BP006740.D  
Acq: 18 Aug 2021 12:08

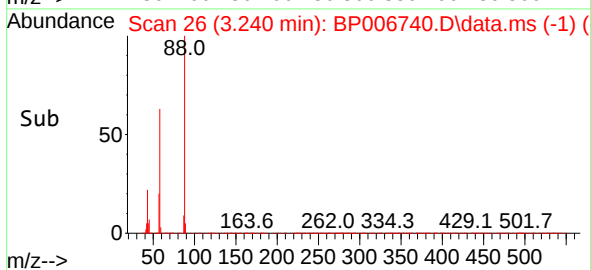
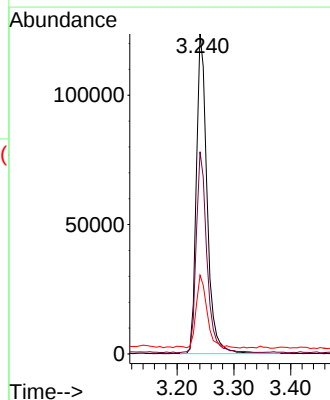
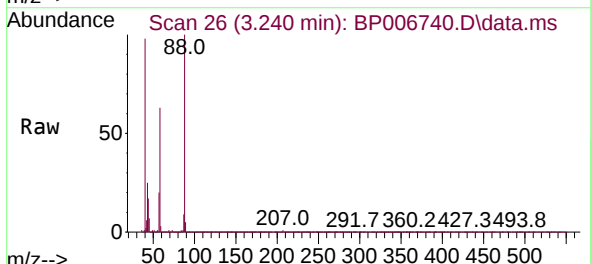
Instrument :  
BNA\_P  
ClientSampleId :  
PB138447BS

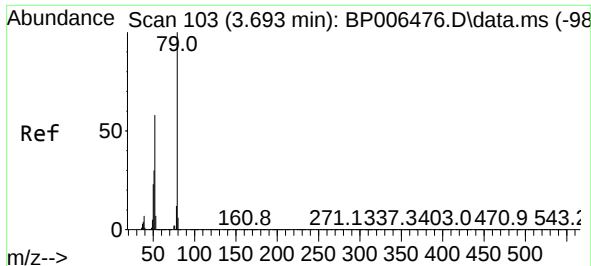
Tgt Ion:152 Resp: 152573  
Ion Ratio Lower Upper  
152 100  
150 156.0 125.6 188.4  
115 66.5 48.5 72.7



#2  
1,4-Dioxane  
Concen: 37.547 ng  
RT: 3.240 min Scan# 26  
Delta R.T. 0.006 min  
Lab File: BP006740.D  
Acq: 18 Aug 2021 12:08

Tgt Ion: 88 Resp: 162378  
Ion Ratio Lower Upper  
88 100  
58 62.9 46.7 70.1  
43 23.3 20.3 30.5

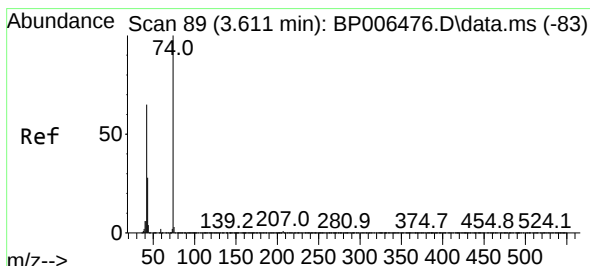
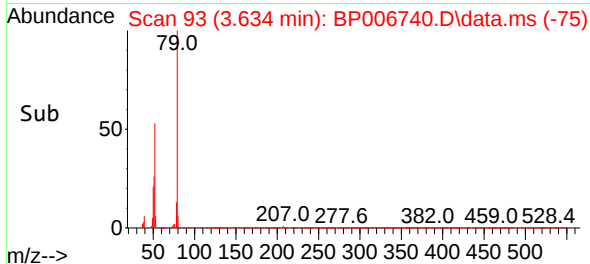
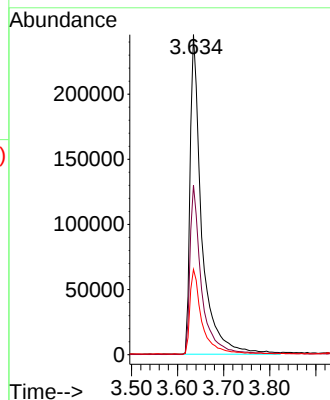
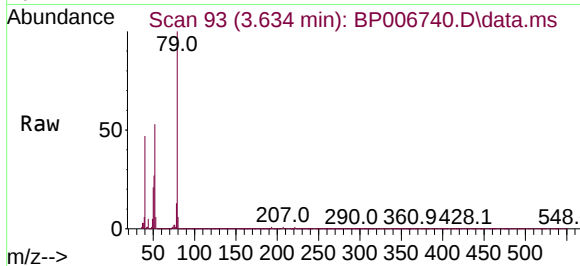




#3  
Pyridine  
Concen: 33.884 ng  
RT: 3.634 min Scan# 93  
Delta R.T. 0.006 min  
Lab File: BP006740.D  
Acq: 18 Aug 2021 12:08

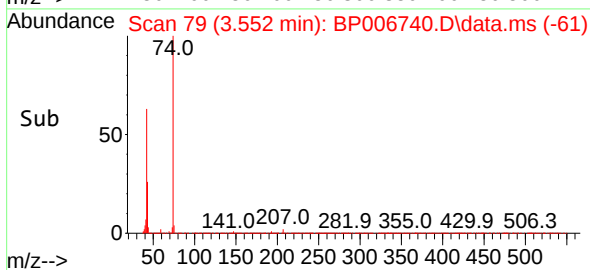
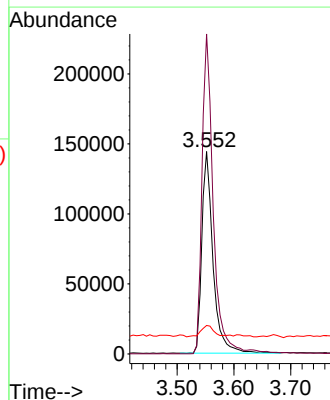
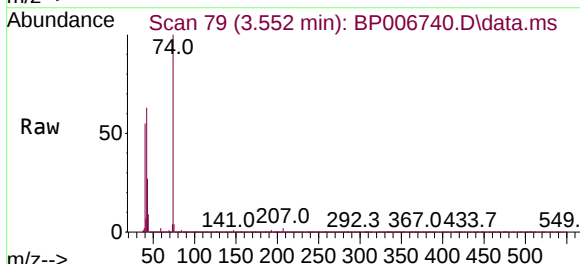
Instrument :  
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ClientSampleId :  
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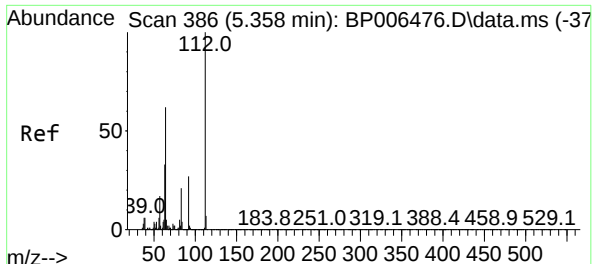
Tgt Ion: 79 Resp: 430695  
Ion Ratio Lower Upper  
79 100  
52 53.0 41.7 62.5  
51 26.7 24.1 36.1



#4  
n-Nitrosodimethylamine  
Concen: 41.296 ng  
RT: 3.552 min Scan# 79  
Delta R.T. 0.006 min  
Lab File: BP006740.D  
Acq: 18 Aug 2021 12:08

Tgt Ion: 42 Resp: 198120  
Ion Ratio Lower Upper  
42 100  
74 158.1 105.4 158.0#  
44 14.0 4.2 6.4#

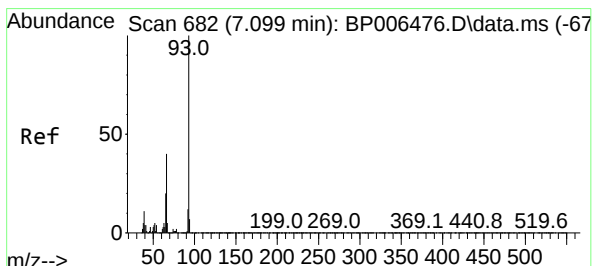
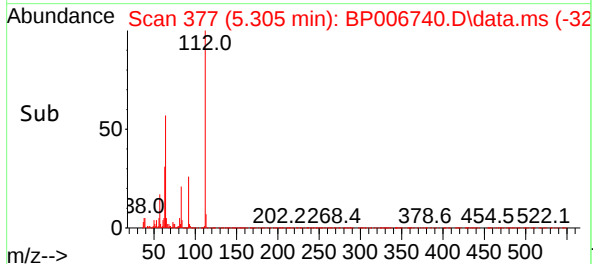
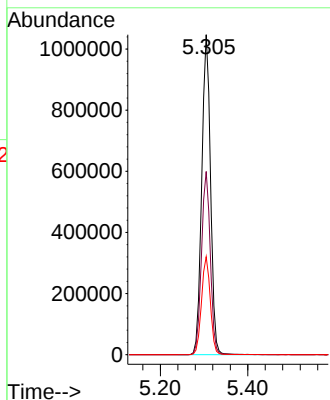
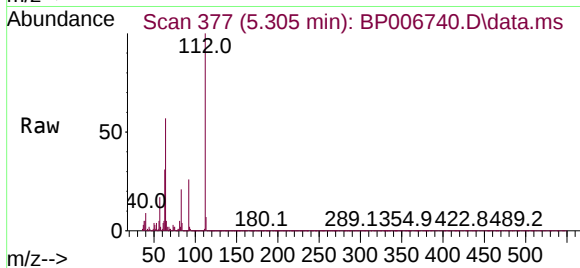




#5  
2-Fluorophenol  
Concen: 147.447 ng  
RT: 5.305 min Scan# 377  
Delta R.T. 0.018 min  
Lab File: BP006740.D  
Acq: 18 Aug 2021 12:08

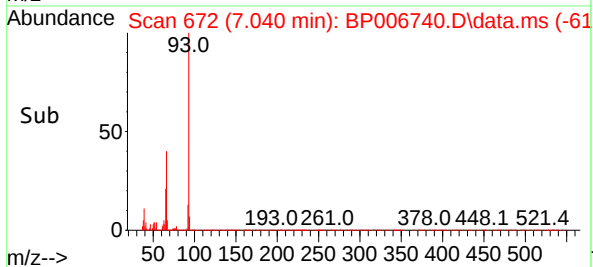
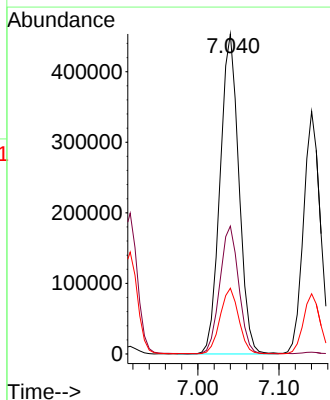
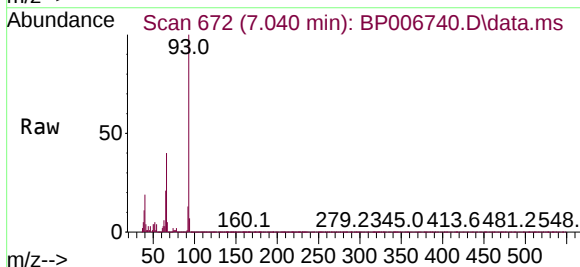
Instrument :  
BNA\_P  
ClientSampleId :  
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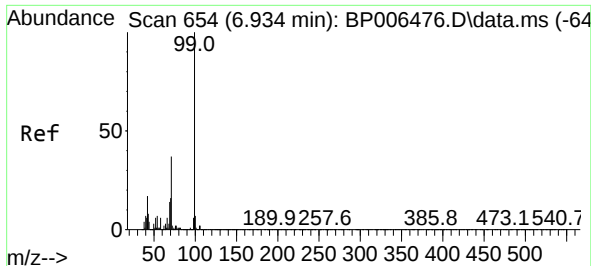
Tgt Ion:112 Resp: 1464668  
Ion Ratio Lower Upper  
112 100  
64 57.3 41.4 62.2  
63 30.6 23.8 35.8



#6  
Aniline  
Concen: 47.612 ng  
RT: 7.040 min Scan# 672  
Delta R.T. 0.018 min  
Lab File: BP006740.D  
Acq: 18 Aug 2021 12:08

Tgt Ion: 93 Resp: 729783  
Ion Ratio Lower Upper  
93 100  
66 40.0 29.7 44.5  
65 20.6 15.3 22.9



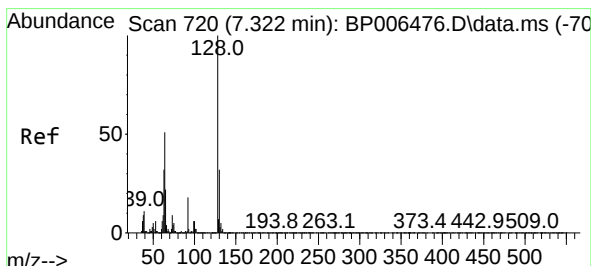
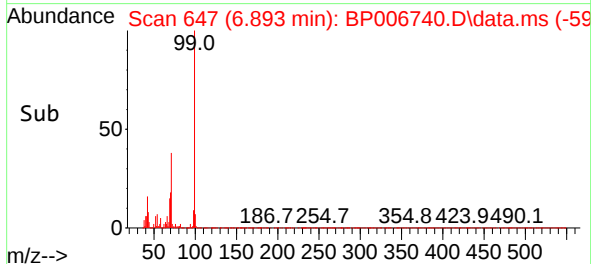
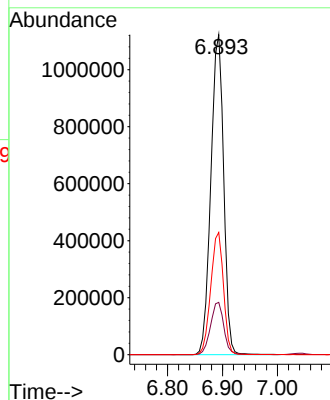
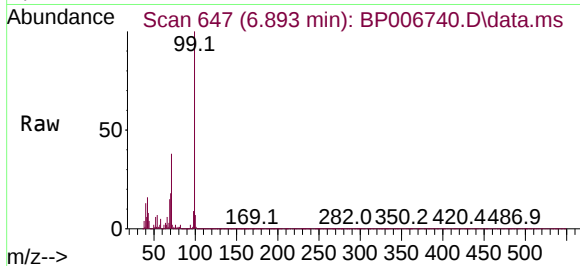


#7  
Phenol-d6  
Concen: 128.680 ng  
RT: 6.893 min Scan# 647  
Delta R.T. 0.024 min  
Lab File: BP006740.D  
Acq: 18 Aug 2021 12:08

Instrument :  
BNA\_P  
ClientSampleId :  
PB138447BS

Tgt Ion: 99 Resp: 1815771

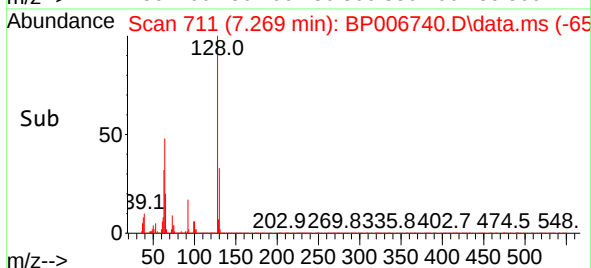
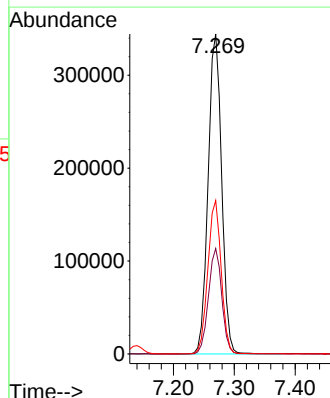
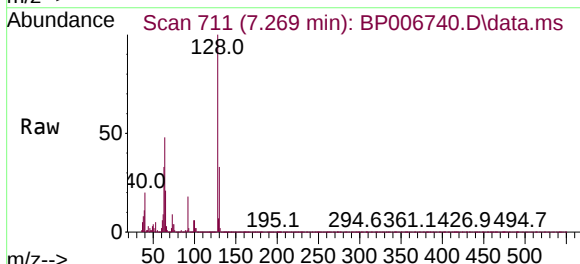
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 99  | 100   |       |       |
| 42  | 16.4  | 13.4  | 20.0  |
| 71  | 38.2  | 30.6  | 46.0  |

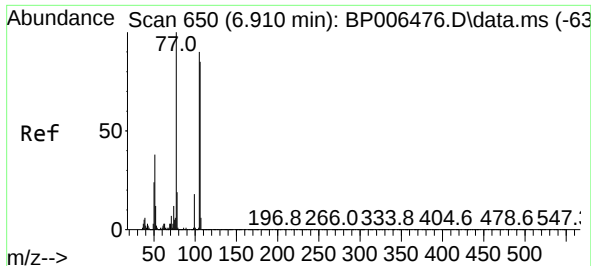


#8  
2-Chlorophenol  
Concen: 49.348 ng  
RT: 7.269 min Scan# 711  
Delta R.T. 0.018 min  
Lab File: BP006740.D  
Acq: 18 Aug 2021 12:08

Tgt Ion:128 Resp: 530387

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 128 | 100   |       |       |
| 130 | 32.9  | 12.4  | 52.4  |
| 64  | 47.9  | 20.3  | 60.3  |

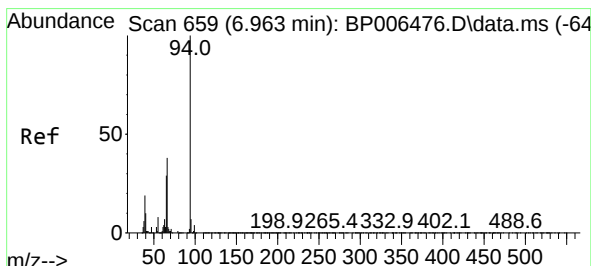
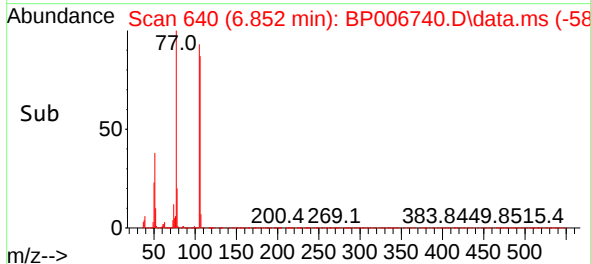
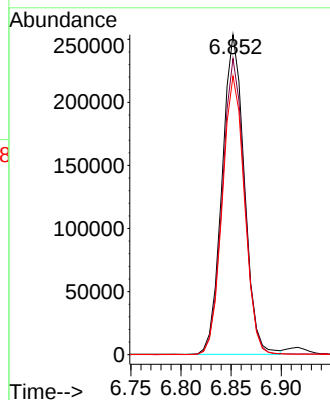
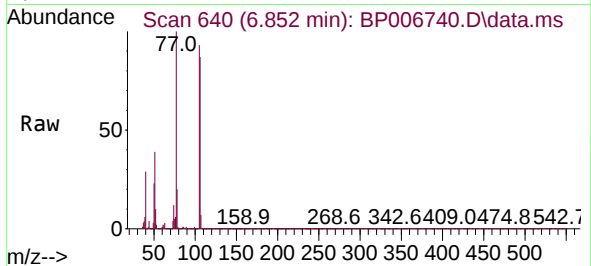




#9  
Benzaldehyde  
Concen: 46.020 ng  
RT: 6.852 min Scan# 640  
Delta R.T. 0.012 min  
Lab File: BP006740.D  
Acq: 18 Aug 2021 12:08

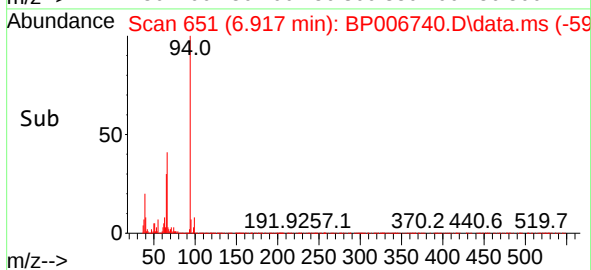
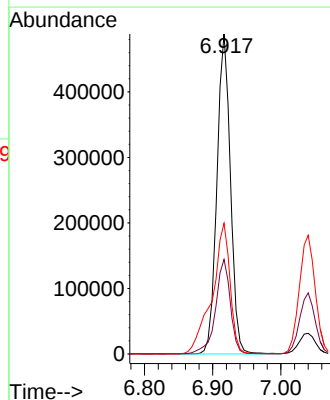
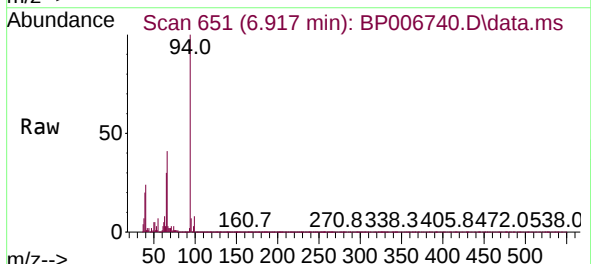
Instrument :  
BNA\_P  
ClientSampleId :  
PB138447BS

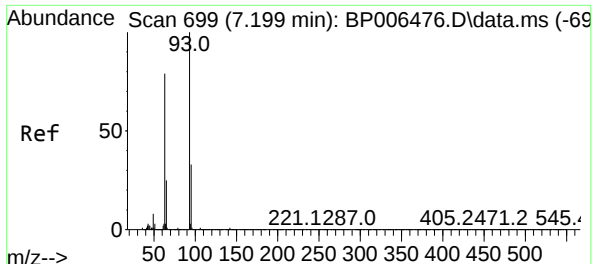
Tgt Ion: 77 Resp: 390840  
Ion Ratio Lower Upper  
77 100  
105 92.5 76.7 116.7  
106 87.0 76.2 116.2



#10  
Phenol  
Concen: 47.602 ng  
RT: 6.917 min Scan# 651  
Delta R.T. 0.018 min  
Lab File: BP006740.D  
Acq: 18 Aug 2021 12:08

Tgt Ion: 94 Resp: 673534  
Ion Ratio Lower Upper  
94 100  
65 29.6 8.8 48.8  
66 40.9 20.7 60.7

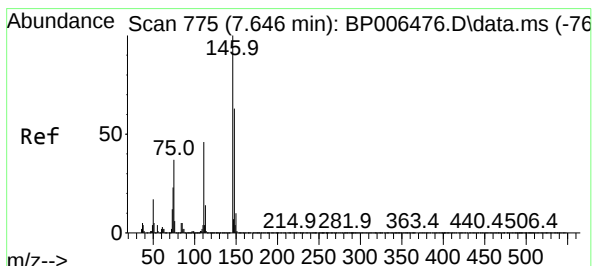
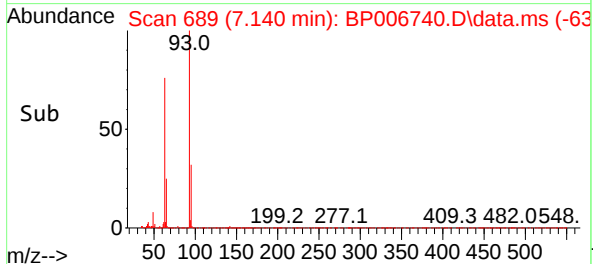
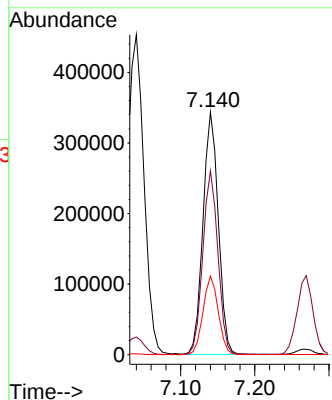
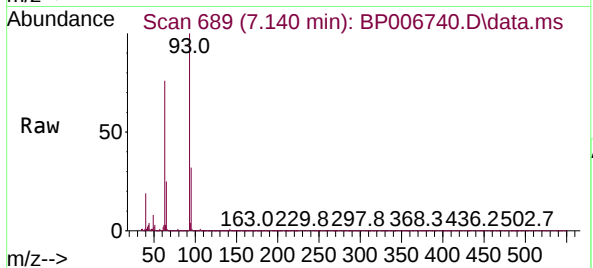




#11  
bis(2-Chloroethyl)ether  
Concen: 45.946 ng  
RT: 7.140 min Scan# 689  
Delta R.T. 0.018 min  
Lab File: BP006740.D  
Acq: 18 Aug 2021 12:08

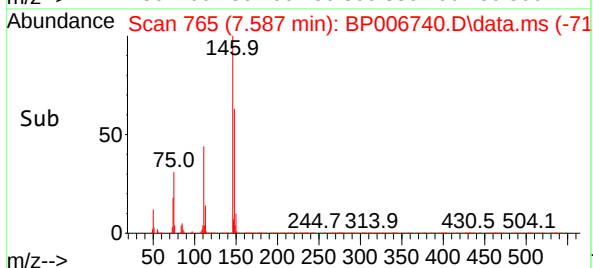
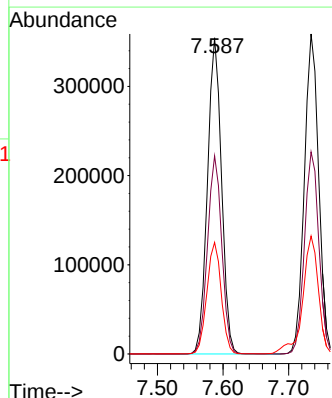
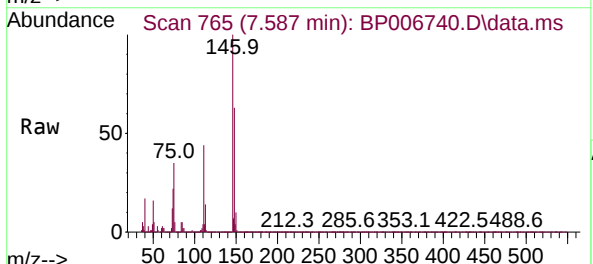
Instrument :  
BNA\_P  
ClientSampleId :  
PB138447BS

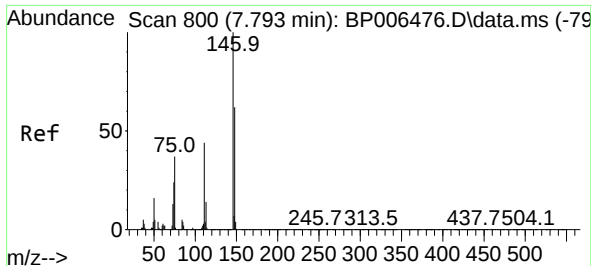
Tgt Ion: 93 Resp: 493630  
Ion Ratio Lower Upper  
93 100  
63 75.8 46.2 86.2  
95 32.4 12.2 52.2



#12  
1,3-Dichlorobenzene  
Concen: 47.209 ng  
RT: 7.587 min Scan# 765  
Delta R.T. 0.018 min  
Lab File: BP006740.D  
Acq: 18 Aug 2021 12:08

Tgt Ion:146 Resp: 528827  
Ion Ratio Lower Upper  
146 100  
148 62.7 51.5 77.3  
75 35.3 25.7 38.5

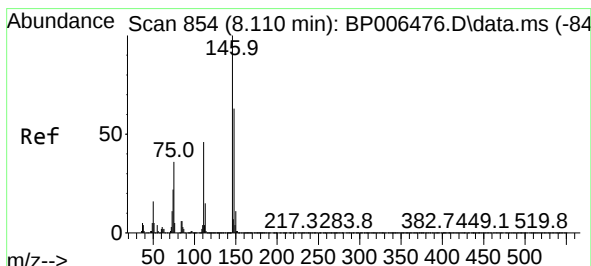
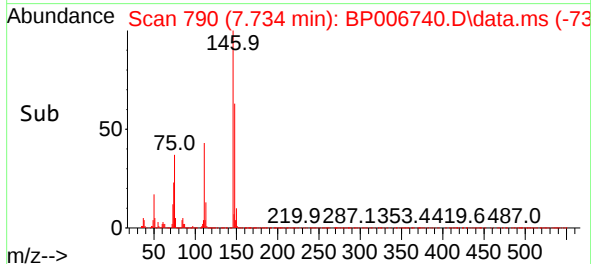
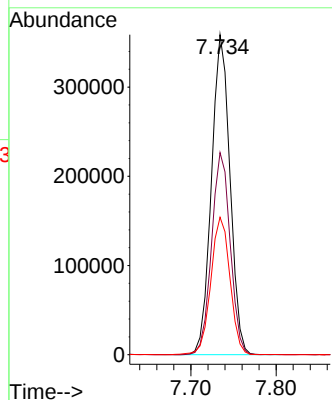
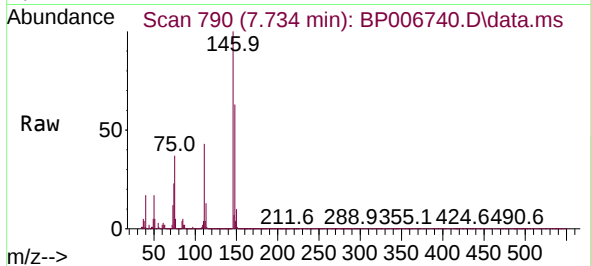




#13  
1,4-Dichlorobenzene  
Concen: 47.587 ng  
RT: 7.734 min Scan# 790  
Delta R.T. 0.018 min  
Lab File: BP006740.D  
Acq: 18 Aug 2021 12:08

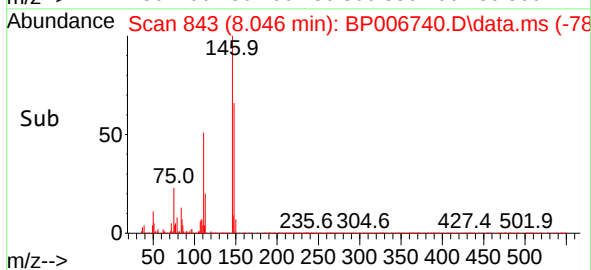
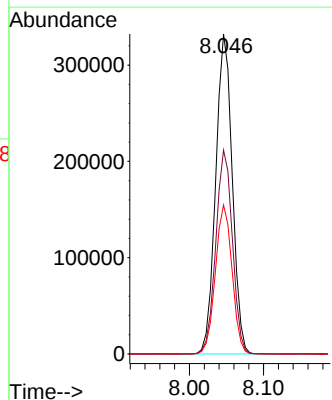
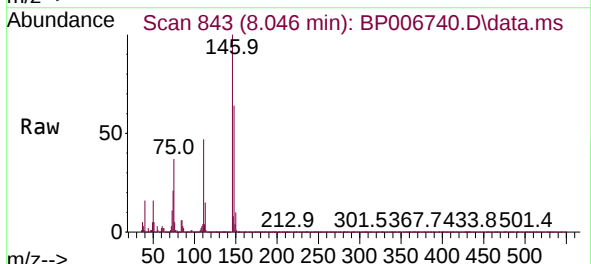
Instrument :  
BNA\_P  
ClientSampleId :  
PB138447BS

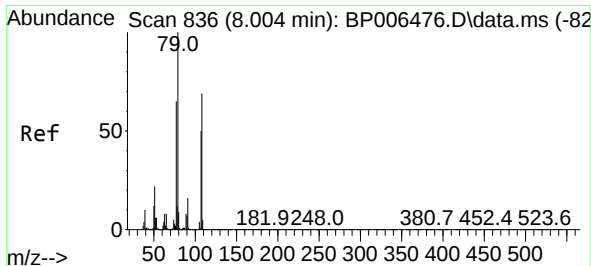
Tgt Ion:146 Resp: 540997  
Ion Ratio Lower Upper  
146 100  
148 63.1 51.3 76.9  
111 43.0 33.0 49.6



#14  
1,2-Dichlorobenzene  
Concen: 47.195 ng  
RT: 8.046 min Scan# 843  
Delta R.T. 0.018 min  
Lab File: BP006740.D  
Acq: 18 Aug 2021 12:08

Tgt Ion:146 Resp: 514843  
Ion Ratio Lower Upper  
146 100  
148 63.7 50.3 75.5  
111 46.5 33.7 50.5

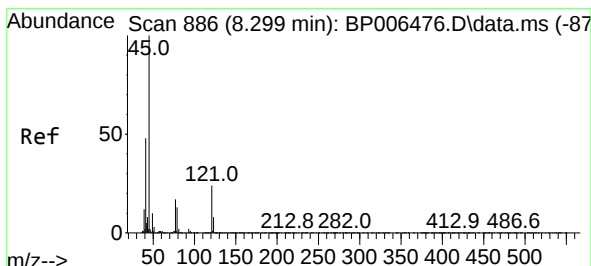
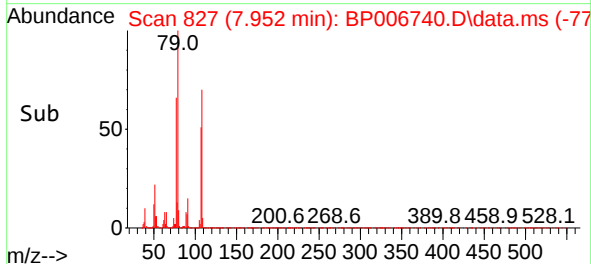
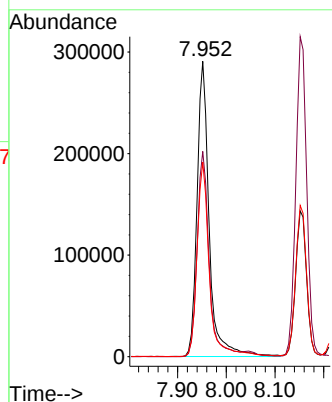
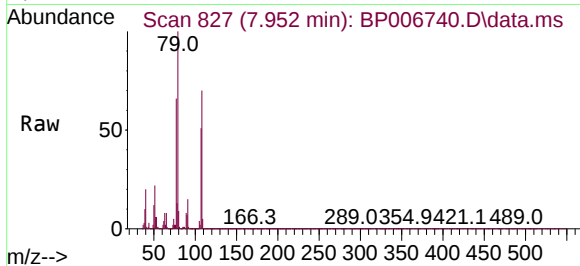




#15  
Benzyl Alcohol  
Concen: 47.745 ng  
RT: 7.952 min Scan# 827  
Delta R.T. 0.018 min  
Lab File: BP006740.D  
Acq: 18 Aug 2021 12:08

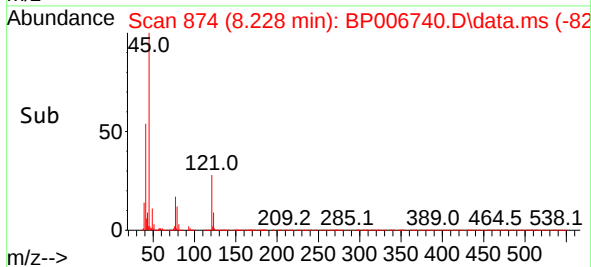
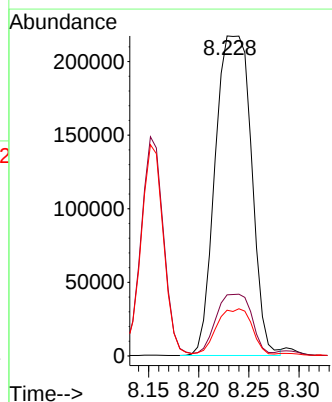
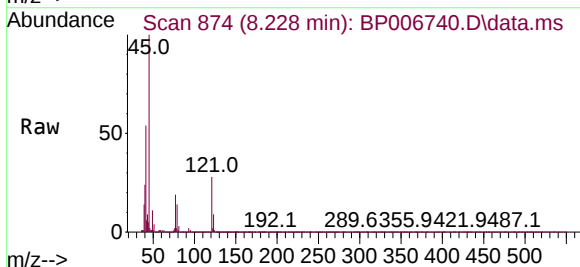
Instrument :  
BNA\_P  
ClientSampleId :  
PB138447BS

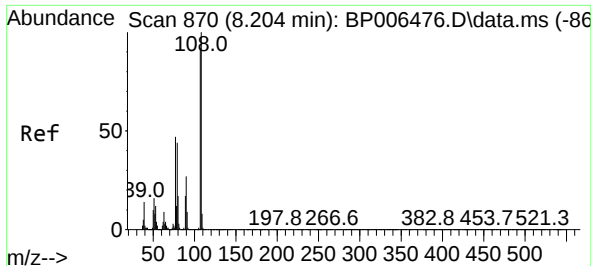
Tgt Ion: 79 Resp: 505238  
Ion Ratio Lower Upper  
79 100  
108 69.5 62.5 93.7  
77 65.9 52.9 79.3



#16  
2,2'-oxybis(1-Chloropropane)  
Concen: 42.560 ng  
RT: 8.228 min Scan# 874  
Delta R.T. 0.006 min  
Lab File: BP006740.D  
Acq: 18 Aug 2021 12:08

Tgt Ion: 45 Resp: 544126  
Ion Ratio Lower Upper  
45 100  
77 19.1 2.0 42.0  
79 14.3 0.0 36.7

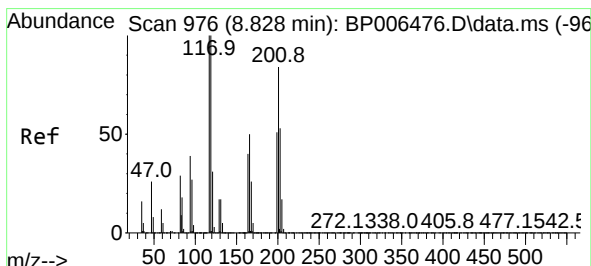
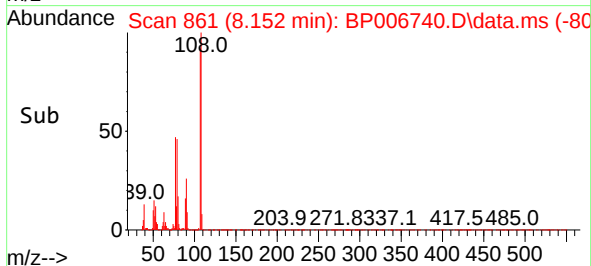
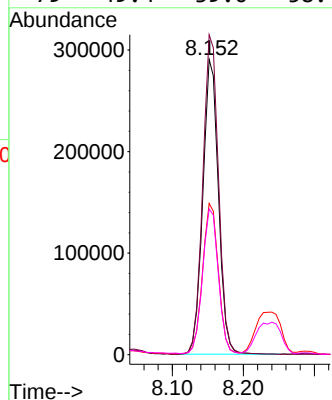
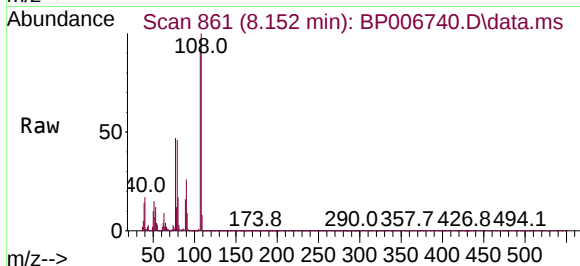




#17  
2-Methylphenol  
Concen: 49.697 ng  
RT: 8.152 min Scan# 861  
Delta R.T. 0.018 min  
Lab File: BP006740.D  
Acq: 18 Aug 2021 12:08

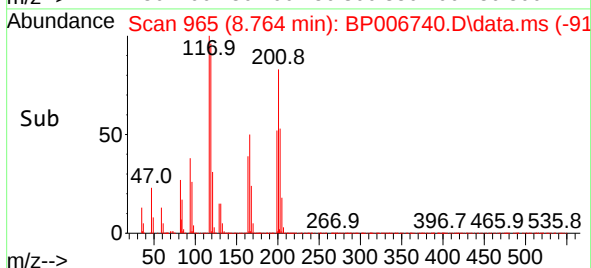
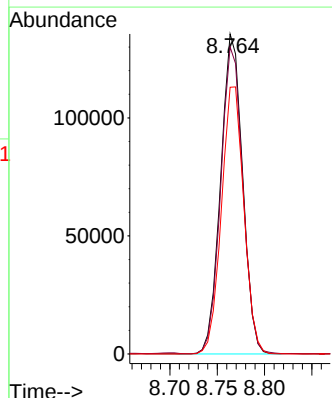
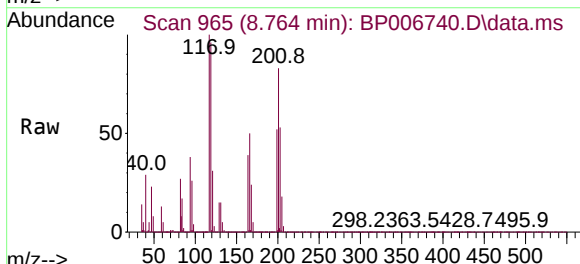
Instrument :  
BNA\_P  
ClientSampleId :  
PB138447BS

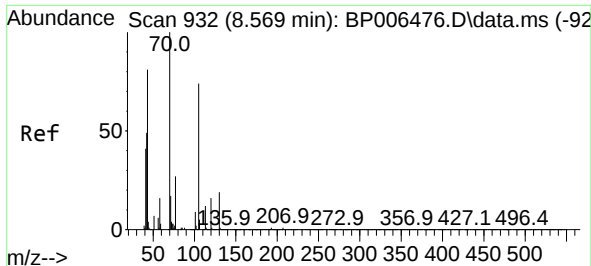
|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 107   | Resp: | 444017 |
| Ion      | Ratio | Lower | Upper  |
| 107      | 100   |       |        |
| 108      | 108.4 | 87.7  | 131.5  |
| 77       | 51.2  | 40.2  | 60.2   |
| 79       | 49.4  | 39.0  | 58.4   |



#18  
Hexachloroethane  
Concen: 48.519 ng  
RT: 8.764 min Scan# 965  
Delta R.T. 0.018 min  
Lab File: BP006740.D  
Acq: 18 Aug 2021 12:08

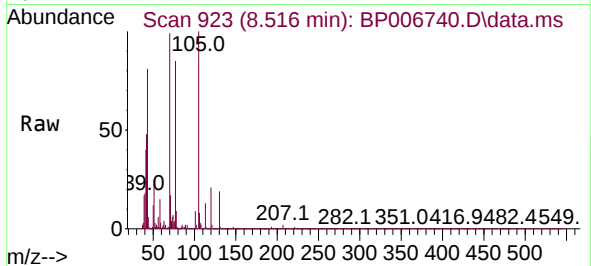
|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 117   | Resp: | 218328 |
| Ion      | Ratio | Lower | Upper  |
| 117      | 100   |       |        |
| 119      | 95.9  | 76.2  | 114.2  |
| 201      | 83.3  | 83.4  | 125.0  |



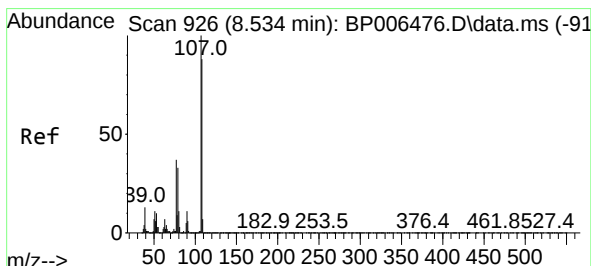
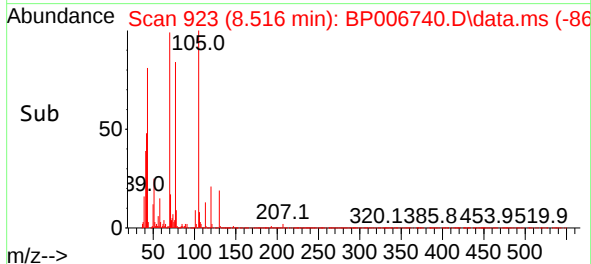
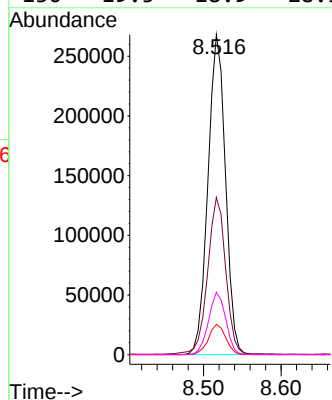


#19  
n-Nitroso-di-n-propylamine  
Concen: 44.355 ng  
RT: 8.516 min Scan# 923  
Delta R.T. 0.018 min  
Lab File: BP006740.D  
Acq: 18 Aug 2021 12:08

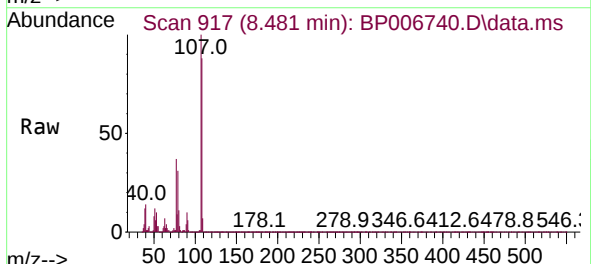
Instrument :  
BNA\_P  
ClientSampleId :  
PB138447BS



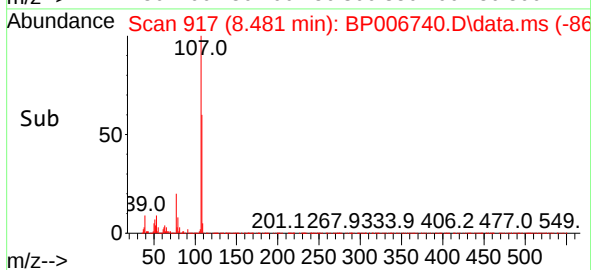
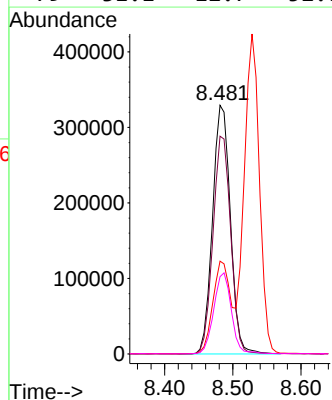
| Tgt Ion: | 70    | Resp: | 419911 |
|----------|-------|-------|--------|
| Ion      | Ratio | Lower | Upper  |
| 70       | 100   |       |        |
| 42       | 49.1  | 40.8  | 61.2   |
| 101      | 9.4   | 8.8   | 13.2   |
| 130      | 19.5  | 18.9  | 28.3   |

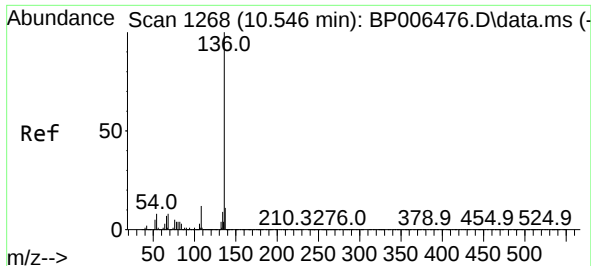


#20  
3+4-Methylphenols  
Concen: 49.237 ng  
RT: 8.481 min Scan# 917  
Delta R.T. 0.018 min  
Lab File: BP006740.D  
Acq: 18 Aug 2021 12:08



| Tgt Ion: | 107   | Resp: | 598765 |
|----------|-------|-------|--------|
| Ion      | Ratio | Lower | Upper  |
| 107      | 100   |       |        |
| 108      | 87.6  | 71.0  | 111.0  |
| 77       | 37.3  | 16.6  | 56.6   |
| 79       | 31.1  | 12.7  | 52.7   |

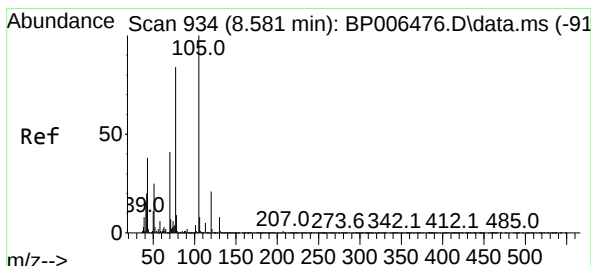
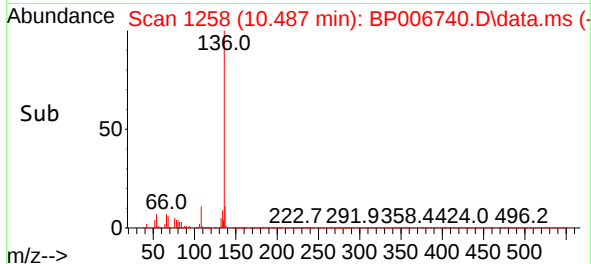
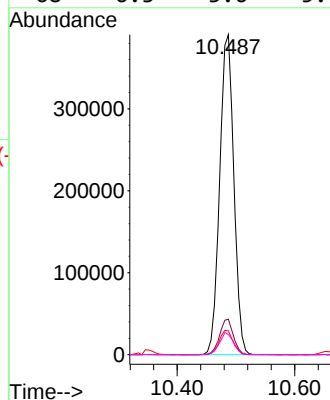
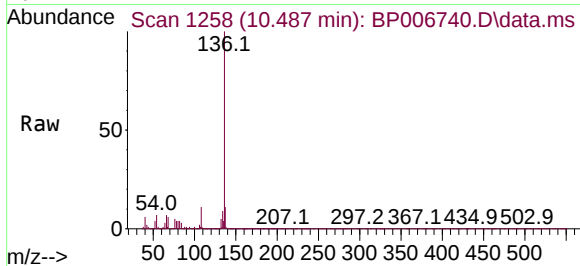




#21  
Naphthalene-d8  
Concen: 20.000 ng  
RT: 10.487 min Scan# 1258  
Delta R.T. 0.024 min  
Lab File: BP006740.D  
Acq: 18 Aug 2021 12:08

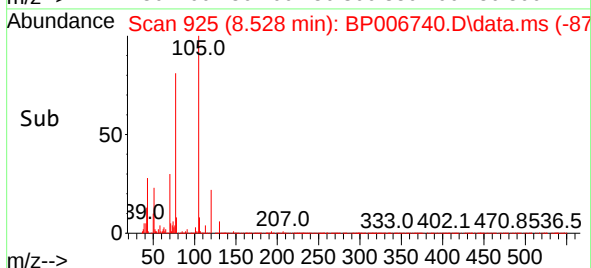
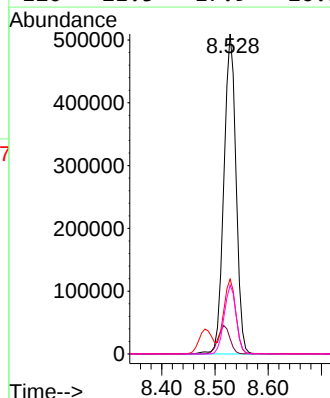
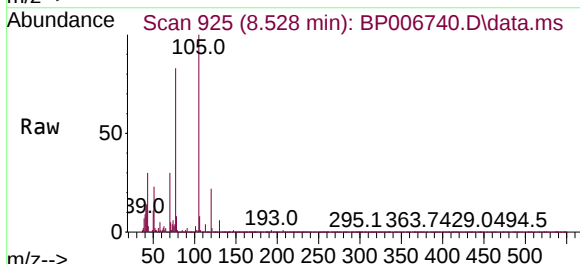
Instrument :  
BNA\_P  
ClientSampleId :  
PB138447BS

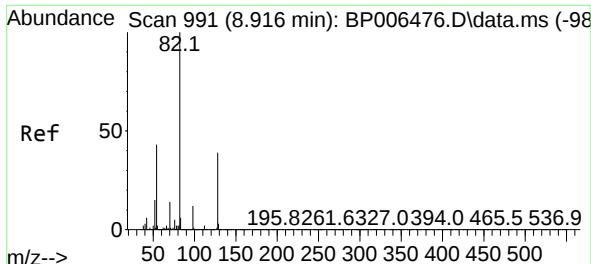
|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 136   | Resp: | 650486 |
| Ion Ratio | Lower | Upper |        |
| 136       | 100   |       |        |
| 137       | 11.1  | 8.6   | 12.8   |
| 54        | 7.5   | 4.6   | 6.8#   |
| 68        | 6.3   | 3.6   | 5.4#   |



#22  
Acetophenone  
Concen: 46.659 ng  
RT: 8.528 min Scan# 925  
Delta R.T. 0.018 min  
Lab File: BP006740.D  
Acq: 18 Aug 2021 12:08

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 105   | Resp: | 804886 |
| Ion Ratio | Lower | Upper |        |
| 105       | 100   |       |        |
| 71        | 4.7   | 1.9   | 2.9#   |
| 51        | 23.4  | 18.4  | 27.6   |
| 120       | 21.5  | 17.9  | 26.9   |

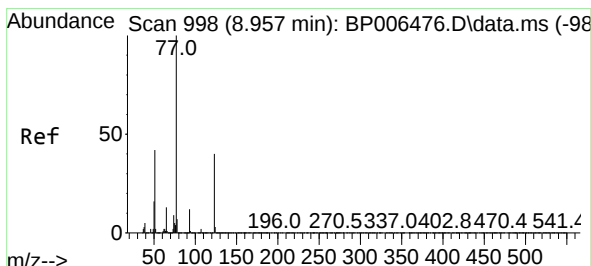
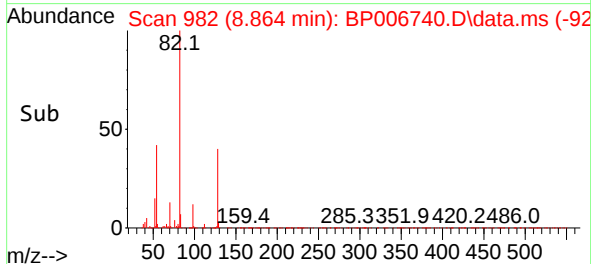
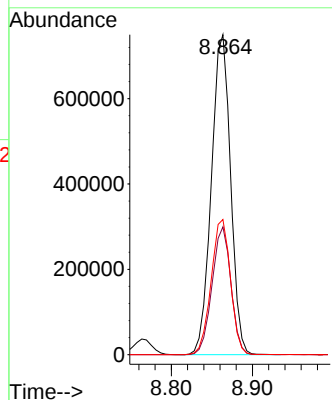
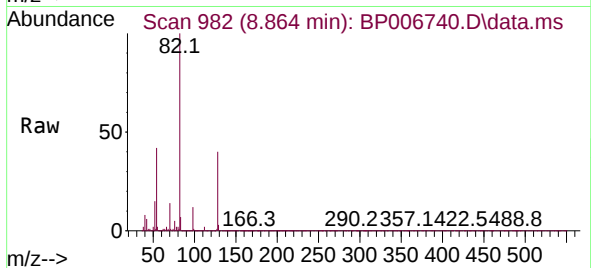




#23  
Nitrobenzene-d5  
Concen: 87.308 ng  
RT: 8.864 min Scan# 982  
Delta R.T. 0.018 min  
Lab File: BP006740.D  
Acq: 18 Aug 2021 12:08

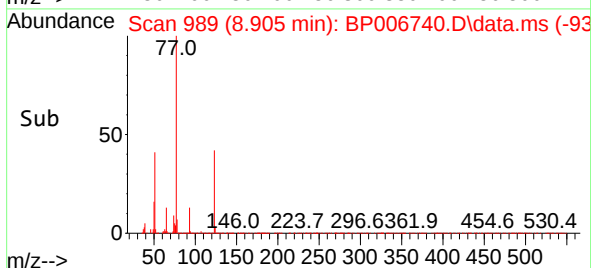
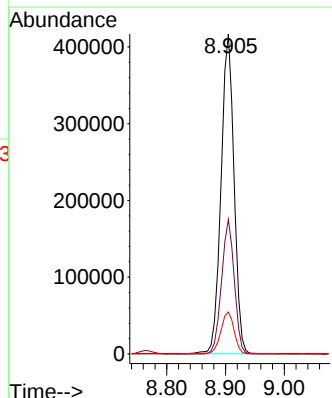
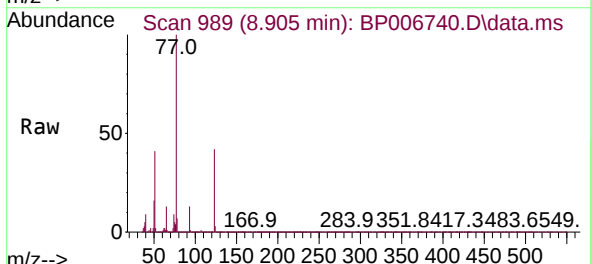
Instrument :  
BNA\_P  
ClientSampleId :  
PB138447BS

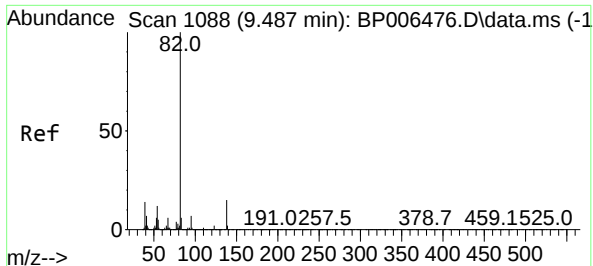
Tgt Ion: 82 Resp: 1230406  
Ion Ratio Lower Upper  
82 100  
128 40.0 35.7 53.5  
54 42.2 35.0 52.4



#24  
Nitrobenzene  
Concen: 43.647 ng  
RT: 8.905 min Scan# 989  
Delta R.T. 0.018 min  
Lab File: BP006740.D  
Acq: 18 Aug 2021 12:08

Tgt Ion: 77 Resp: 639410  
Ion Ratio Lower Upper  
77 100  
123 42.1 38.2 57.2  
65 13.1 11.4 17.2

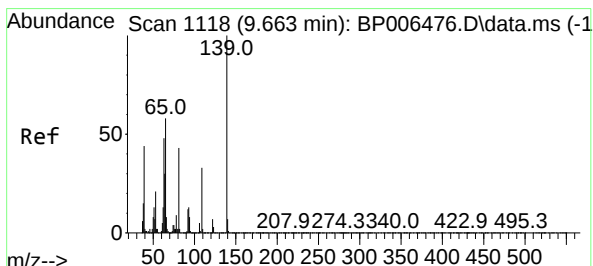
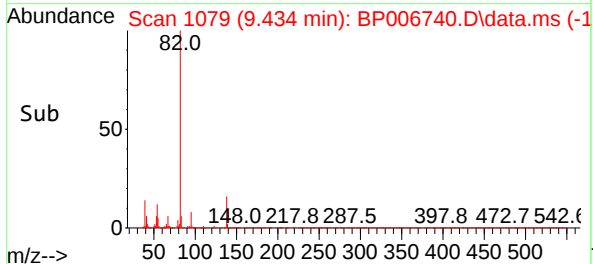
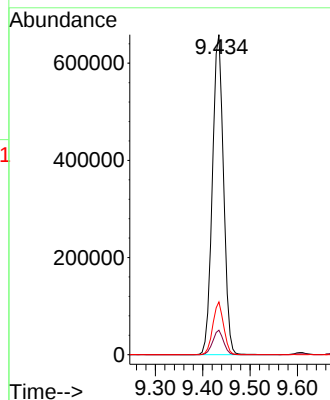
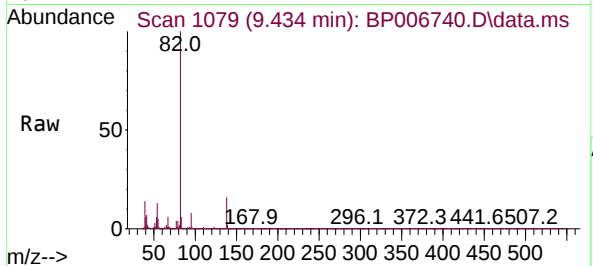




#25  
Isophorone  
Concen: 42.531 ng  
RT: 9.434 min Scan# 1079  
Delta R.T. 0.024 min  
Lab File: BP006740.D  
Acq: 18 Aug 2021 12:08

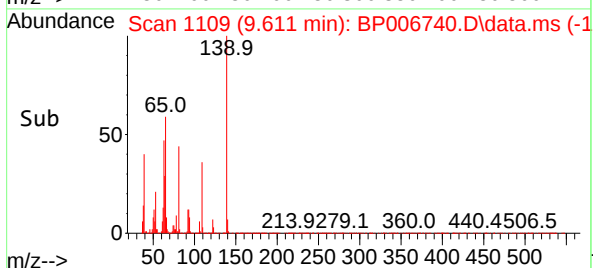
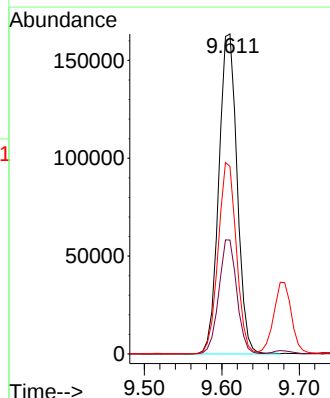
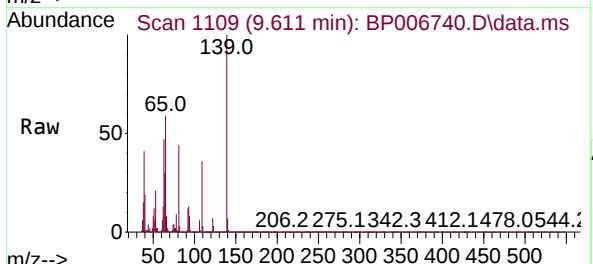
Instrument :  
BNA\_P  
ClientSampleId :  
PB138447BS

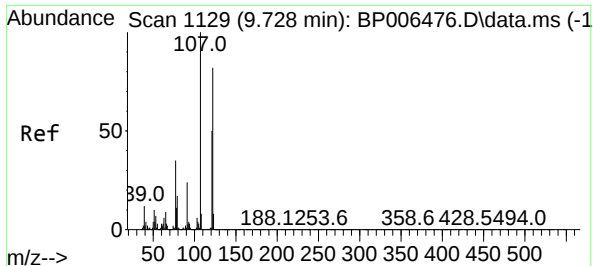
Tgt Ion: 82 Resp: 1076568  
Ion Ratio Lower Upper  
82 100  
95 7.6 6.5 9.7  
138 16.5 15.0 22.4



#26  
2-Nitrophenol  
Concen: 50.352 ng  
RT: 9.611 min Scan# 1109  
Delta R.T. 0.018 min  
Lab File: BP006740.D  
Acq: 18 Aug 2021 12:08

Tgt Ion: 139 Resp: 268446  
Ion Ratio Lower Upper  
139 100  
109 35.6 28.8 43.2  
65 58.6 41.0 61.6

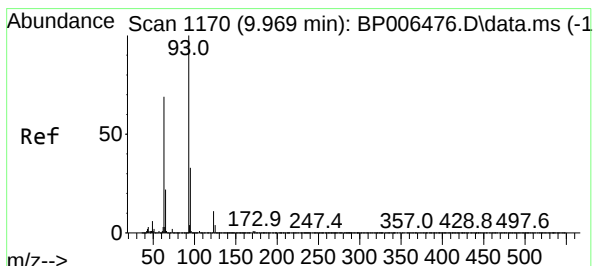
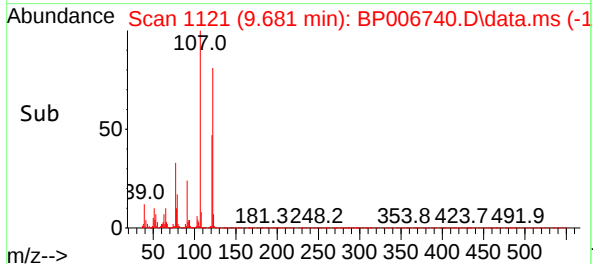
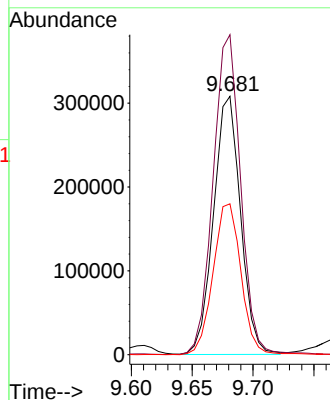
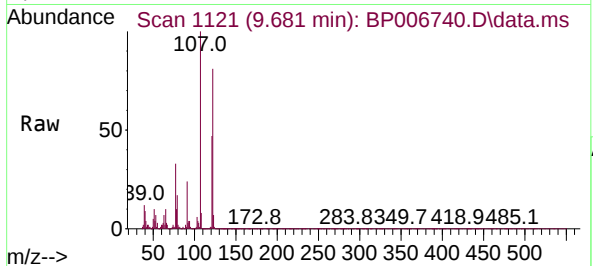




#27  
2,4-Dimethylphenol  
Concen: 53.349 ng  
RT: 9.681 min Scan# 1121  
Delta R.T. 0.024 min  
Lab File: BP006740.D  
Acq: 18 Aug 2021 12:08

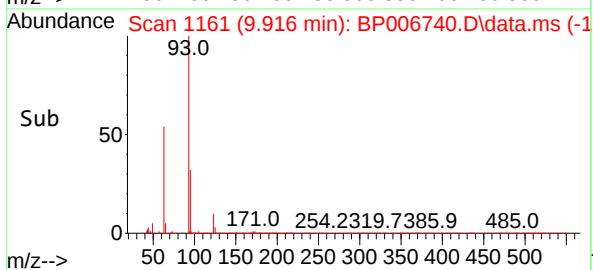
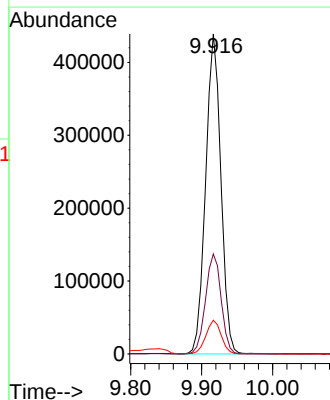
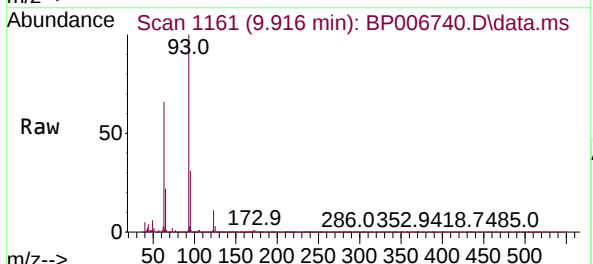
Instrument :  
BNA\_P  
ClientSampleId :  
PB138447BS

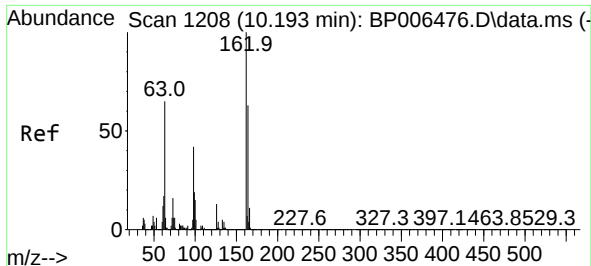
Tgt Ion:122 Resp: 476282  
Ion Ratio Lower Upper  
122 100  
107 123.8 94.5 141.7  
121 58.4 47.4 71.2



#28  
bis(2-Chloroethoxy)methane  
Concen: 48.343 ng  
RT: 9.916 min Scan# 1161  
Delta R.T. 0.018 min  
Lab File: BP006740.D  
Acq: 18 Aug 2021 12:08

Tgt Ion: 93 Resp: 654732  
Ion Ratio Lower Upper  
93 100  
95 31.3 25.9 38.9  
123 10.6 10.2 15.2

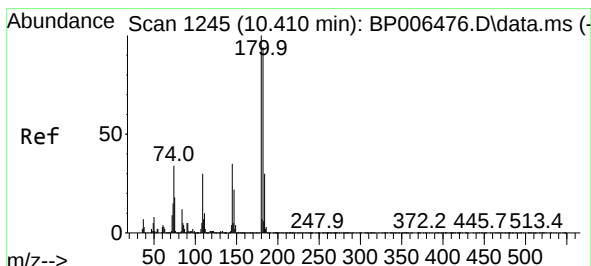
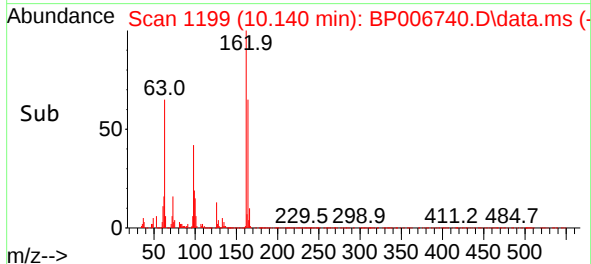
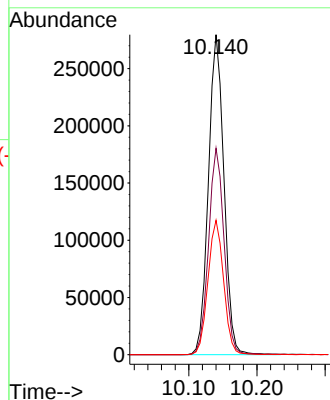
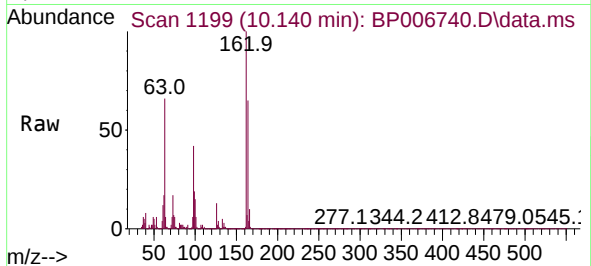




#29  
2,4-Dichlorophenol  
Concen: 49.127 ng  
RT: 10.140 min Scan# 1199  
Delta R.T. 0.018 min  
Lab File: BP006740.D  
Acq: 18 Aug 2021 12:08

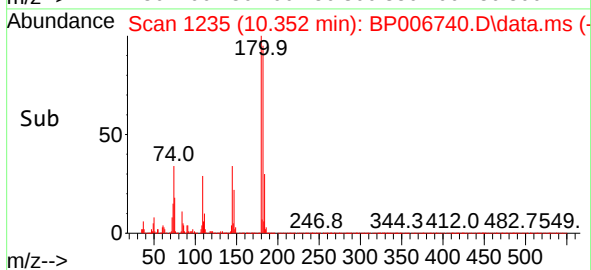
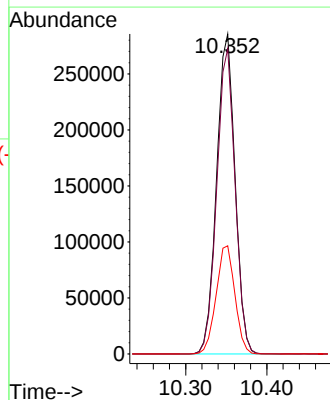
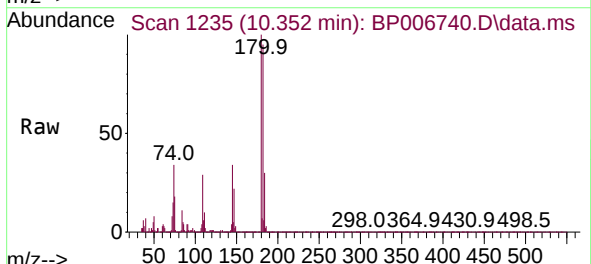
Instrument :  
BNA\_P  
ClientSampleId :  
PB138447BS

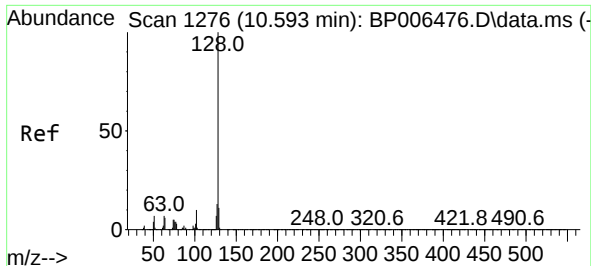
Tgt Ion:162 Resp: 444037  
Ion Ratio Lower Upper  
162 100  
164 64.5 44.9 84.9  
98 42.0 14.3 54.3



#30  
1,2,4-Trichlorobenzene  
Concen: 46.482 ng  
RT: 10.352 min Scan# 1235  
Delta R.T. 0.024 min  
Lab File: BP006740.D  
Acq: 18 Aug 2021 12:08

Tgt Ion:180 Resp: 451450  
Ion Ratio Lower Upper  
180 100  
182 95.5 77.9 116.9  
145 33.8 24.7 37.1

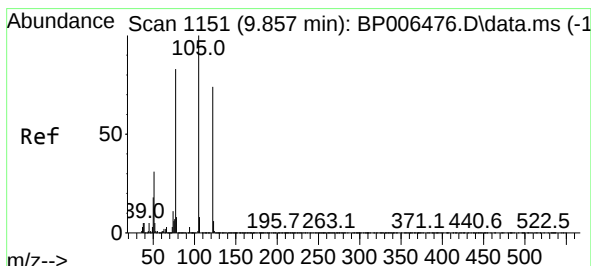
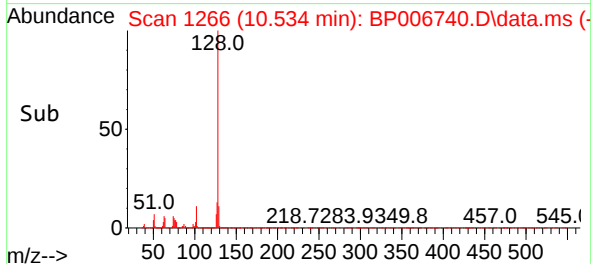
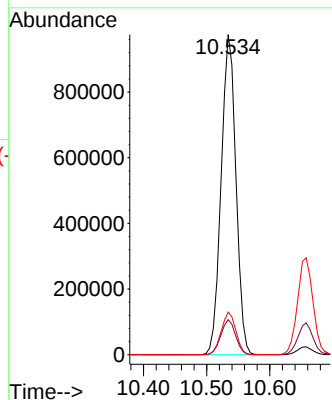
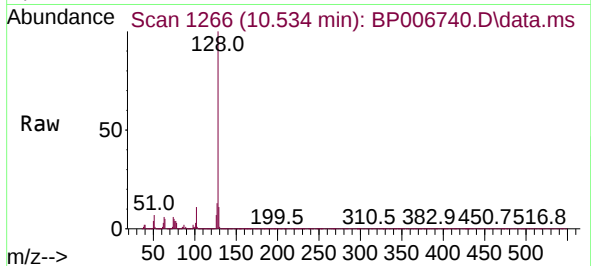




#31  
Naphthalene  
Concen: 45.199 ng  
RT: 10.534 min Scan# 1266  
Delta R.T. 0.018 min  
Lab File: BP006740.D  
Acq: 18 Aug 2021 12:08

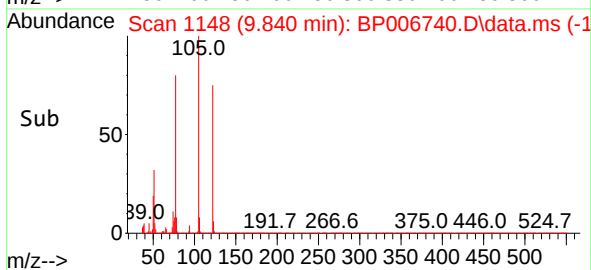
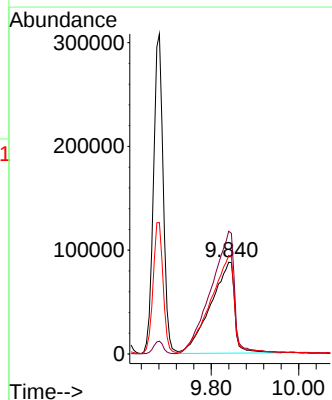
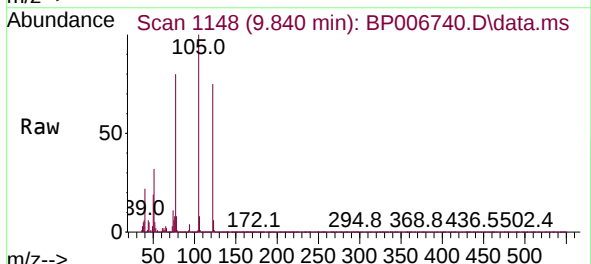
Instrument :  
BNA\_P  
ClientSampleId :  
PB138447BS

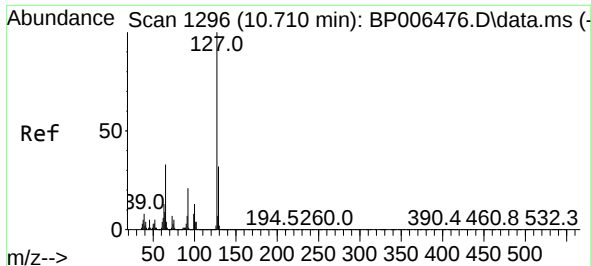
Tgt Ion:128 Resp: 1579874  
Ion Ratio Lower Upper  
128 100  
129 11.0 9.0 13.6  
127 13.3 10.7 16.1



#32  
Benzoic acid  
Concen: 48.241 ng  
RT: 9.840 min Scan# 1148  
Delta R.T. 0.024 min  
Lab File: BP006740.D  
Acq: 18 Aug 2021 12:08

Tgt Ion:122 Resp: 333174  
Ion Ratio Lower Upper  
122 100  
105 133.8 103.2 143.2  
77 107.4 76.2 116.2

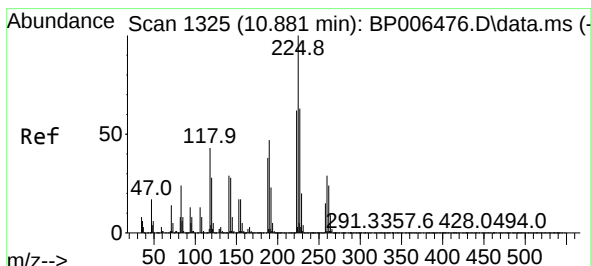
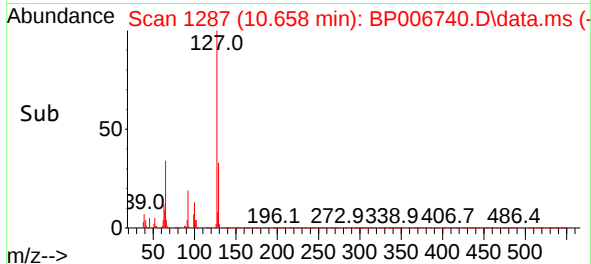
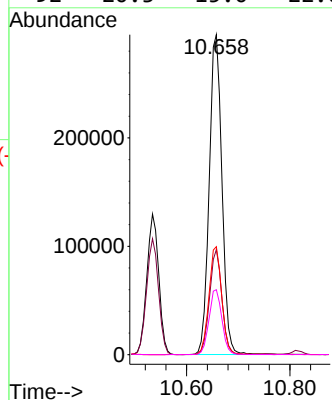
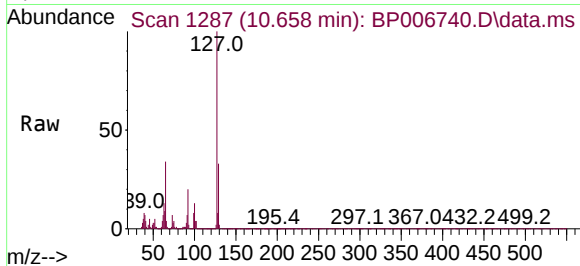




#33  
4-Chloroaniline  
Concen: 35.672 ng  
RT: 10.658 min Scan# 1287  
Delta R.T. 0.018 min  
Lab File: BP006740.D  
Acq: 18 Aug 2021 12:08

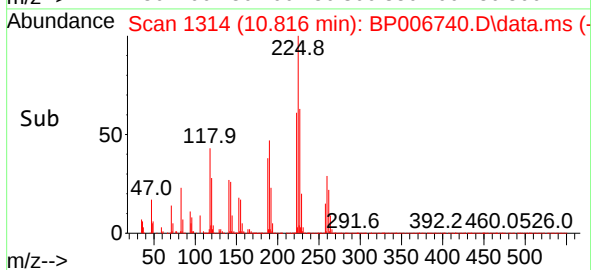
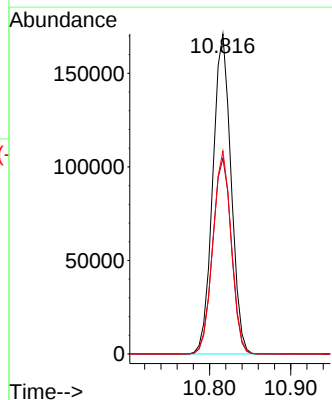
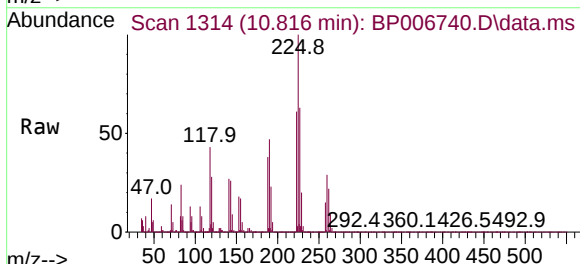
Instrument :  
BNA\_P  
ClientSampleId :  
PB138447BS

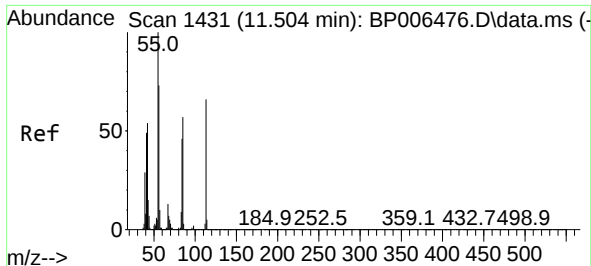
|             |              |
|-------------|--------------|
| Tgt Ion:127 | Resp: 504569 |
| Ion Ratio   | Lower Upper  |
| 127 100     |              |
| 129 32.8    | 26.1 39.1    |
| 65 33.7     | 22.5 33.7#   |
| 92 20.3     | 15.0 22.6    |



#34  
Hexachlorobutadiene  
Concen: 47.104 ng  
RT: 10.816 min Scan# 1314  
Delta R.T. 0.024 min  
Lab File: BP006740.D  
Acq: 18 Aug 2021 12:08

|             |              |
|-------------|--------------|
| Tgt Ion:225 | Resp: 266597 |
| Ion Ratio   | Lower Upper  |
| 225 100     |              |
| 223 61.2    | 51.0 76.6    |
| 227 63.4    | 51.4 77.2    |

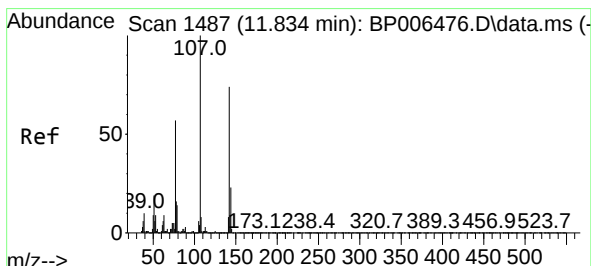
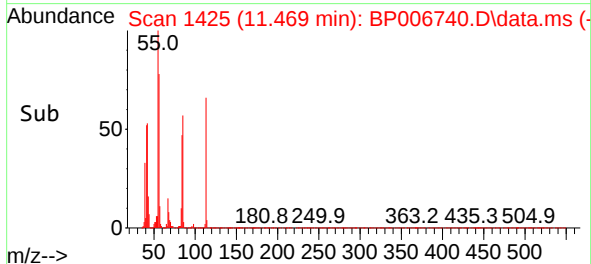
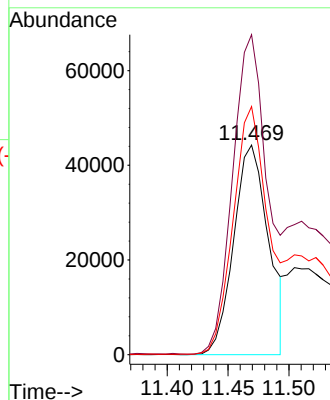
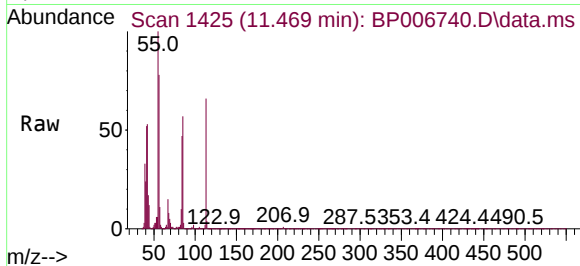




#35  
Caprolactam  
Concen: 26.962 ng  
RT: 11.469 min Scan# 1425  
Delta R.T. 0.024 min  
Lab File: BP006740.D  
Acq: 18 Aug 2021 12:08

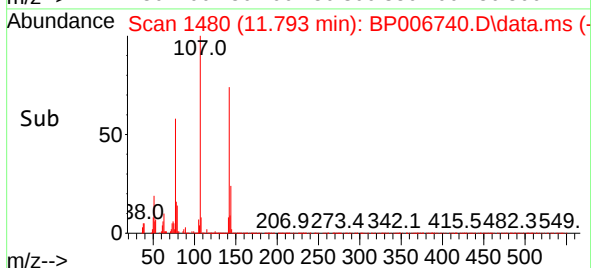
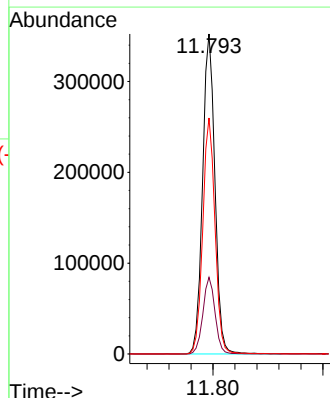
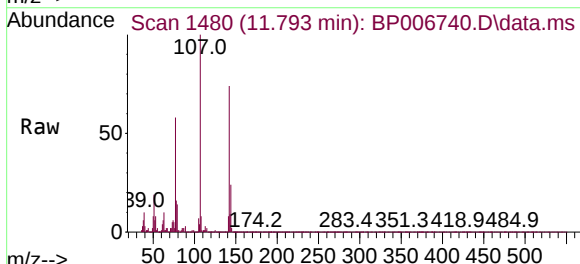
Instrument :  
BNA\_P  
ClientSampleId :  
PB138447BS

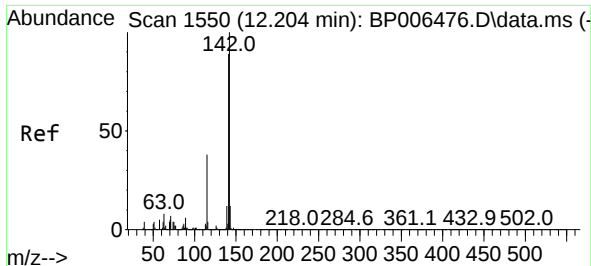
Tgt Ion:113 Resp: 87873  
Ion Ratio Lower Upper  
113 100  
55 152.6 98.9 138.9#  
56 118.4 71.7 111.7#



#36  
4-Chloro-3-methylphenol  
Concen: 47.794 ng  
RT: 11.793 min Scan# 1480  
Delta R.T. 0.018 min  
Lab File: BP006740.D  
Acq: 18 Aug 2021 12:08

Tgt Ion:107 Resp: 548855  
Ion Ratio Lower Upper  
107 100  
144 24.0 21.1 31.7  
142 73.8 66.0 99.0

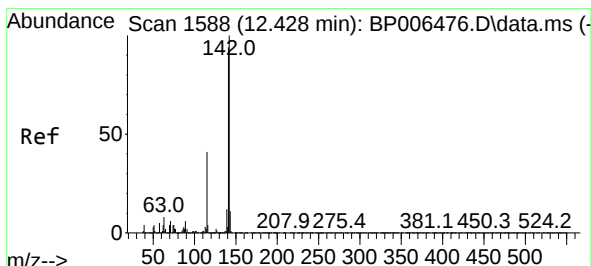
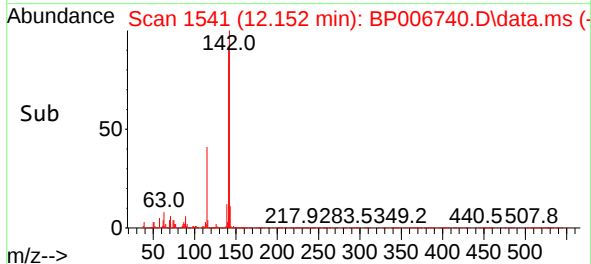
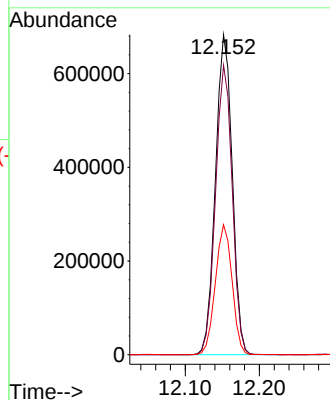
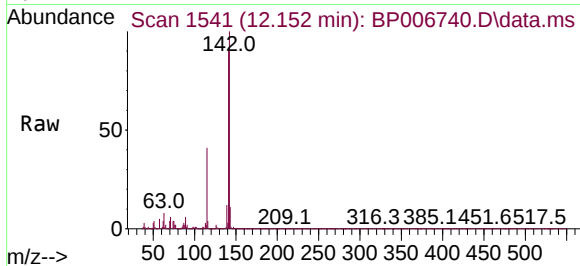




#37  
2-Methylnaphthalene  
Concen: 45.414 ng  
RT: 12.152 min Scan# 1541  
Delta R.T. 0.018 min  
Lab File: BP006740.D  
Acq: 18 Aug 2021 12:08

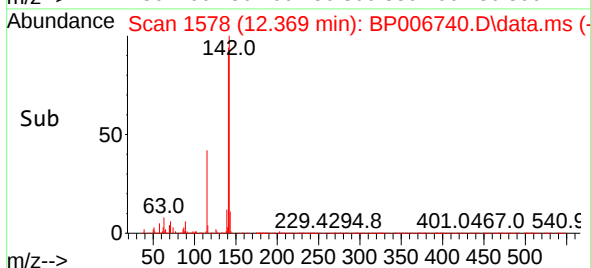
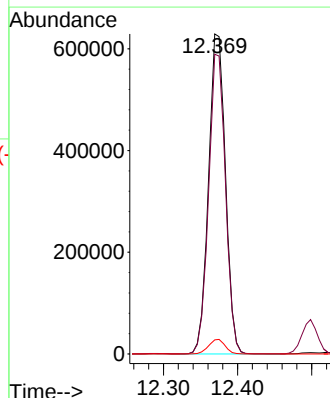
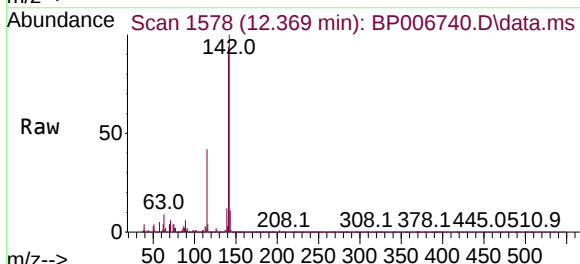
Instrument :  
BNA\_P  
ClientSampleId :  
PB138447BS

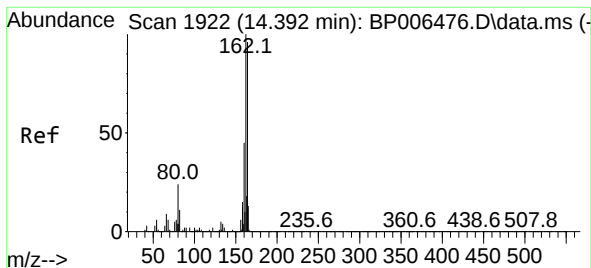
Tgt Ion:142 Resp: 1075639  
Ion Ratio Lower Upper  
142 100  
141 90.4 71.8 107.6  
115 40.6 31.6 47.4



#38  
1-Methylnaphthalene  
Concen: 44.270 ng  
RT: 12.369 min Scan# 1578  
Delta R.T. 0.012 min  
Lab File: BP006740.D  
Acq: 18 Aug 2021 12:08

Tgt Ion:142 Resp: 996452  
Ion Ratio Lower Upper  
142 100  
141 93.6 73.3 109.9  
116 4.4 3.5 5.3





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.346 min Scan# 1914

Delta R.T. 0.018 min

Lab File: BP006740.D

Acq: 18 Aug 2021 12:08

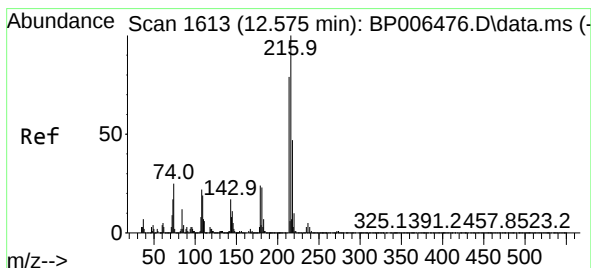
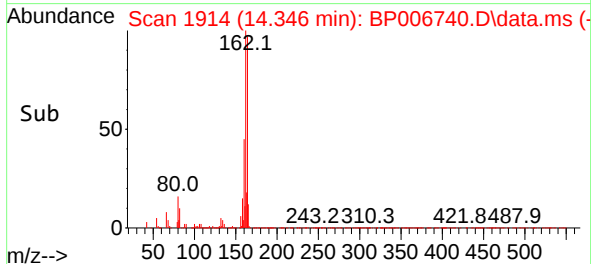
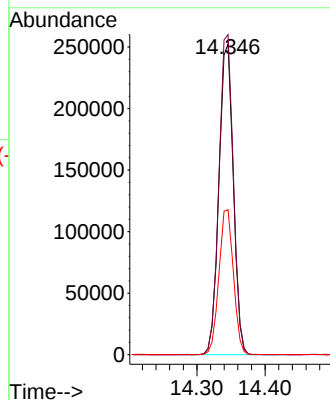
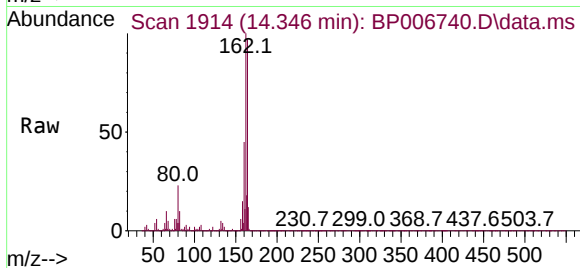
Instrument :

BNA\_P

ClientSampleId :

PB138447BS

|             |                  |
|-------------|------------------|
| Tgt Ion:164 | Resp: 369265     |
| Ion Ratio   | Lower Upper      |
| 164         | 100              |
| 162         | 103.0 80.2 120.2 |
| 160         | 46.7 34.5 51.7   |



#40

1,2,4,5-Tetrachlorobenzene

Concen: 47.667 ng

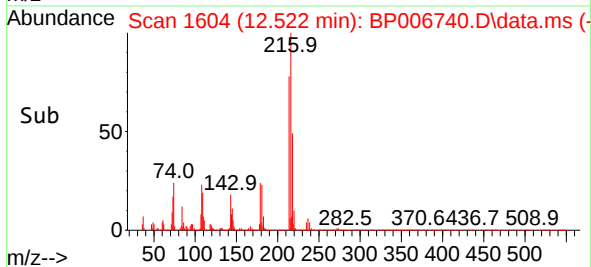
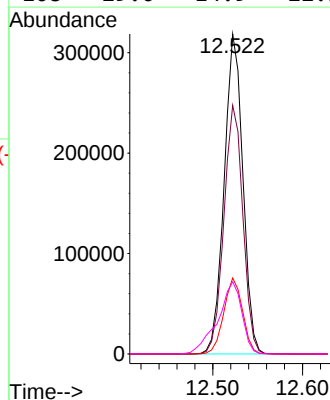
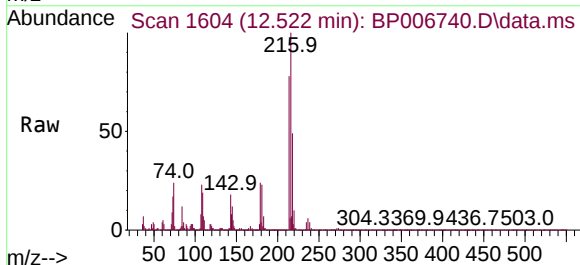
RT: 12.522 min Scan# 1604

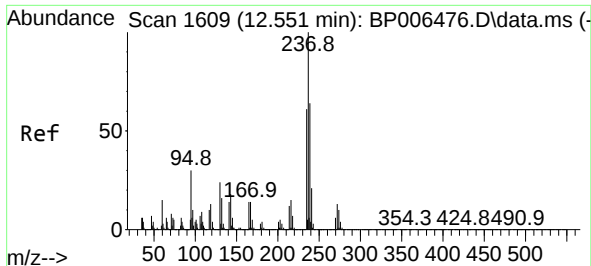
Delta R.T. 0.018 min

Lab File: BP006740.D

Acq: 18 Aug 2021 12:08

|             |                |
|-------------|----------------|
| Tgt Ion:216 | Resp: 460686   |
| Ion Ratio   | Lower Upper    |
| 216         | 100            |
| 214         | 78.9 61.9 92.9 |
| 179         | 23.9 16.8 25.2 |
| 108         | 29.0 14.9 22.3 |

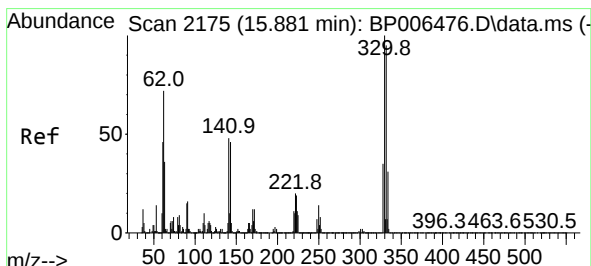
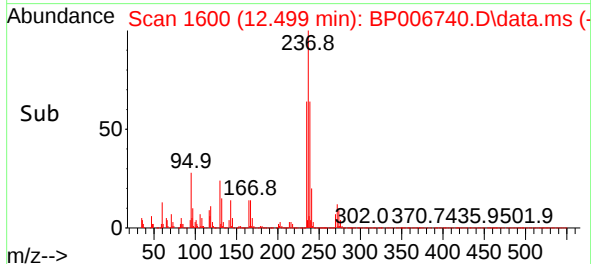
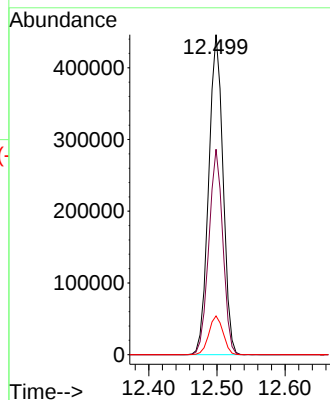
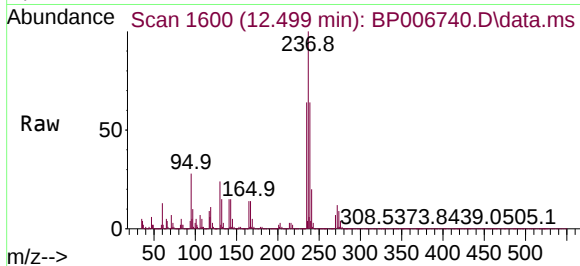




#41  
Hexachlorocyclopentadiene  
Concen: 127.150 ng  
RT: 12.499 min Scan# 1600  
Delta R.T. 0.024 min  
Lab File: BP006740.D  
Acq: 18 Aug 2021 12:08

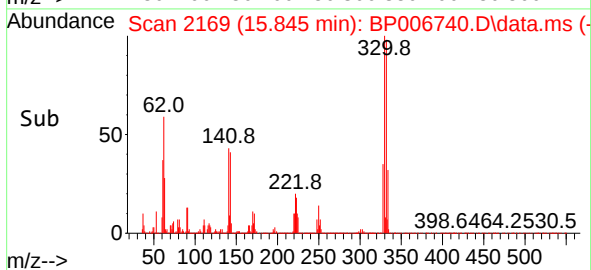
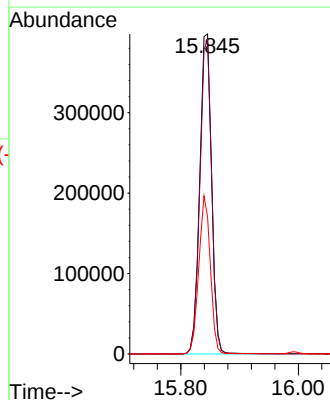
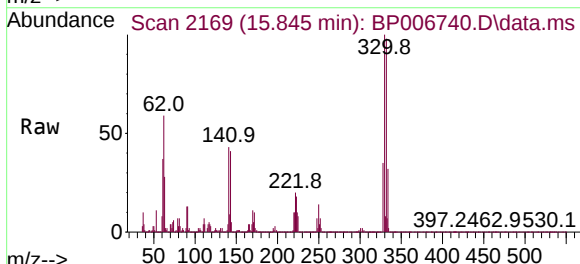
Instrument :  
BNA\_P  
ClientSampleId :  
PB138447BS

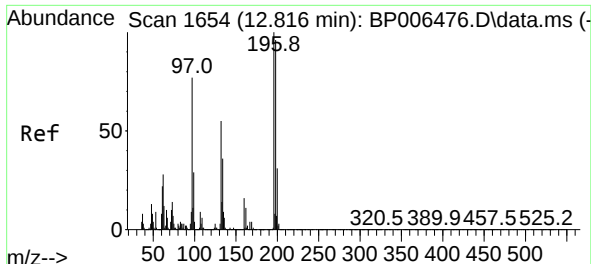
Tgt Ion:237 Resp: 651759  
Ion Ratio Lower Upper  
237 100  
235 64.2 44.5 84.5  
272 12.1 0.0 32.5



#42  
2,4,6-Tribromophenol  
Concen: 144.666 ng  
RT: 15.845 min Scan# 2169  
Delta R.T. 0.018 min  
Lab File: BP006740.D  
Acq: 18 Aug 2021 12:08

Tgt Ion:330 Resp: 558297  
Ion Ratio Lower Upper  
330 100  
332 96.8 77.8 116.8  
141 48.1 25.4 38.2#

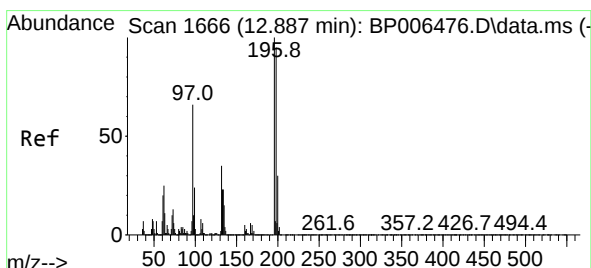
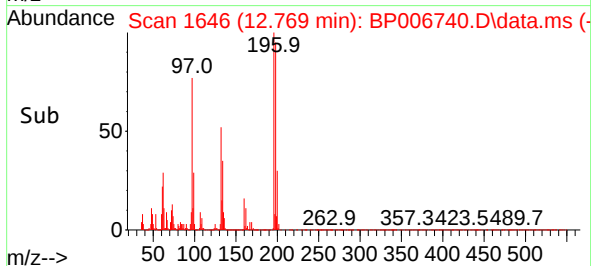
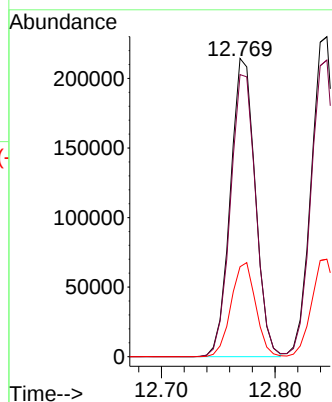
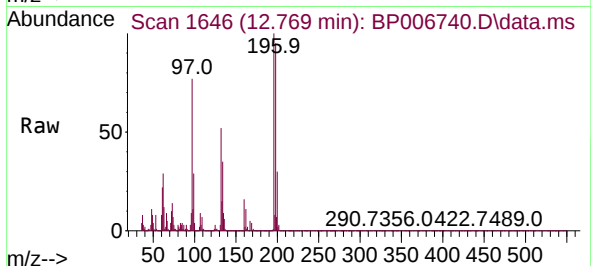




#43  
2,4,6-Trichlorophenol  
Concen: 49.388 ng  
RT: 12.769 min Scan# 1646  
Delta R.T. 0.012 min  
Lab File: BP006740.D  
Acq: 18 Aug 2021 12:08

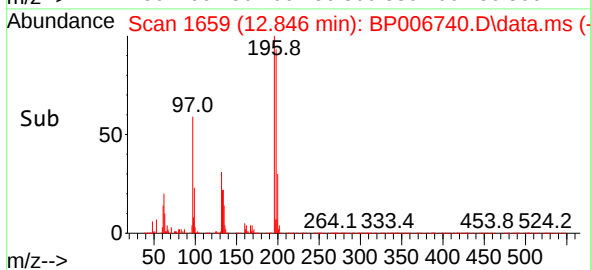
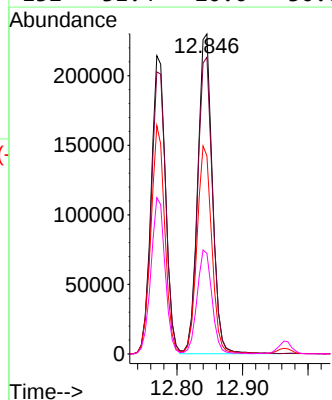
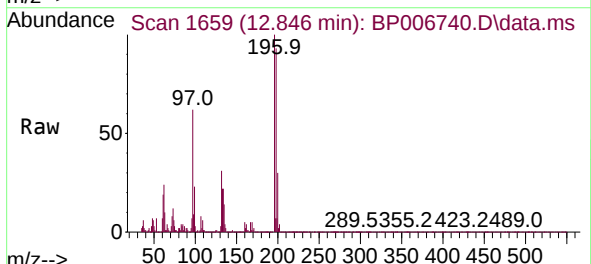
Instrument :  
BNA\_P  
ClientSampleId :  
PB138447BS

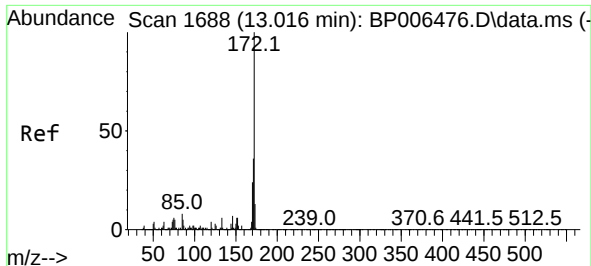
Tgt Ion:196 Resp: 325923  
Ion Ratio Lower Upper  
196 100  
198 94.6 79.5 119.3  
200 30.2 25.0 37.6



#44  
2,4,5-Trichlorophenol  
Concen: 49.007 ng  
RT: 12.846 min Scan# 1659  
Delta R.T. 0.018 min  
Lab File: BP006740.D  
Acq: 18 Aug 2021 12:08

Tgt Ion:196 Resp: 357986  
Ion Ratio Lower Upper  
196 100  
198 92.7 74.7 112.1  
97 61.9 37.4 56.0#  
132 31.4 20.0 30.0#

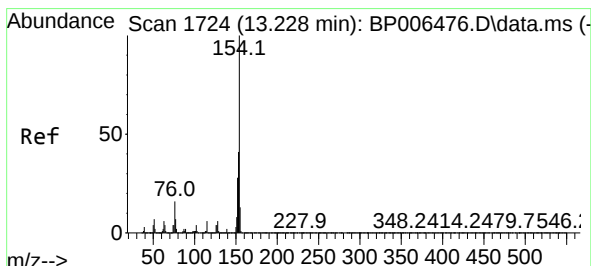
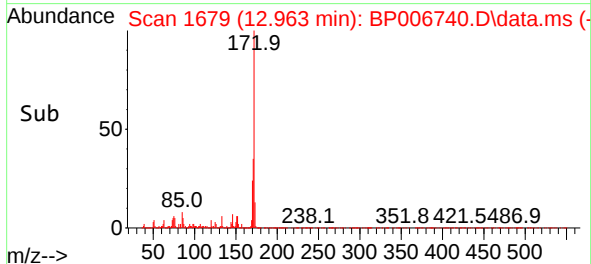
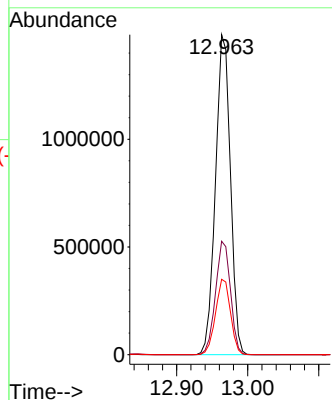
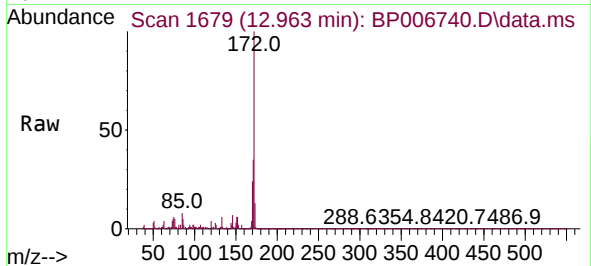




#45  
2-Fluorobiphenyl  
Concen: 87.665 ng  
RT: 12.963 min Scan# 1679  
Delta R.T. 0.018 min  
Lab File: BP006740.D  
Acq: 18 Aug 2021 12:08

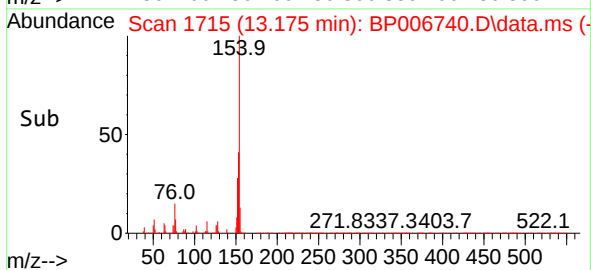
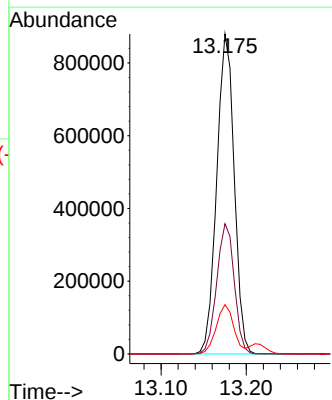
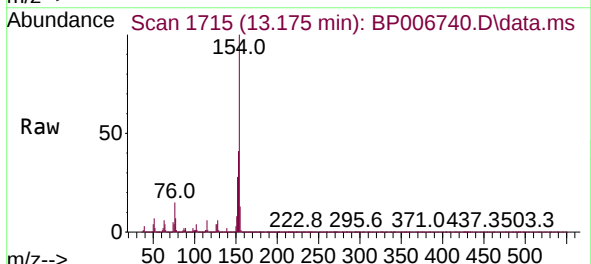
Instrument :  
BNA\_P  
ClientSampleId :  
PB138447BS

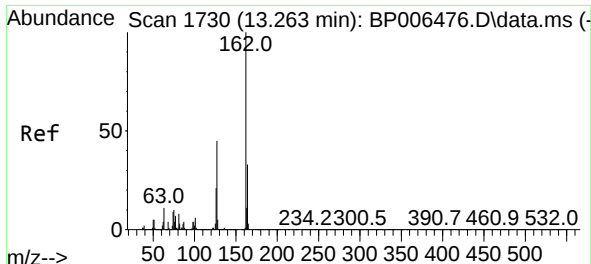
Tgt Ion:172 Resp: 2163696  
Ion Ratio Lower Upper  
172 100  
171 35.5 27.9 41.9  
170 23.6 18.6 27.8



#46  
1,1'-Biphenyl  
Concen: 44.934 ng  
RT: 13.175 min Scan# 1715  
Delta R.T. 0.018 min  
Lab File: BP006740.D  
Acq: 18 Aug 2021 12:08

Tgt Ion:154 Resp: 1255897  
Ion Ratio Lower Upper  
154 100  
153 40.7 20.4 60.4  
76 15.4 0.0 30.8

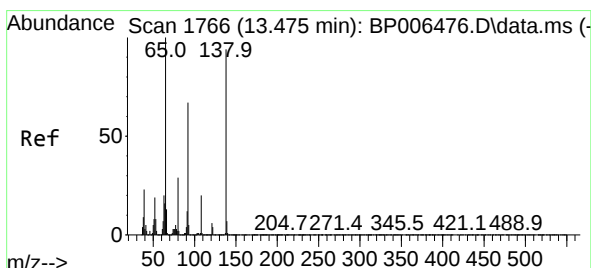
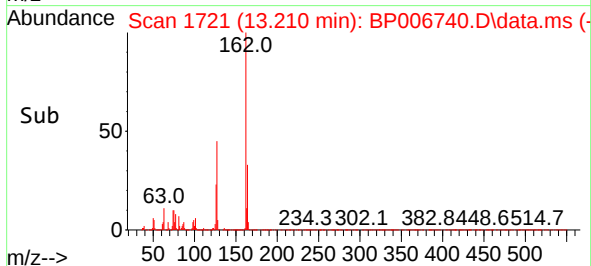
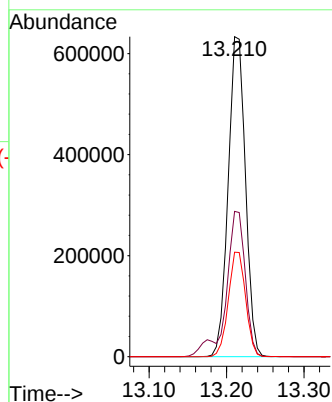
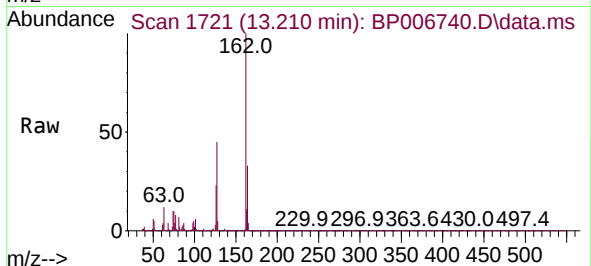




#47  
2-Chloronaphthalene  
Concen: 45.568 ng  
RT: 13.210 min Scan# 1721  
Delta R.T. 0.012 min  
Lab File: BP006740.D  
Acq: 18 Aug 2021 12:08

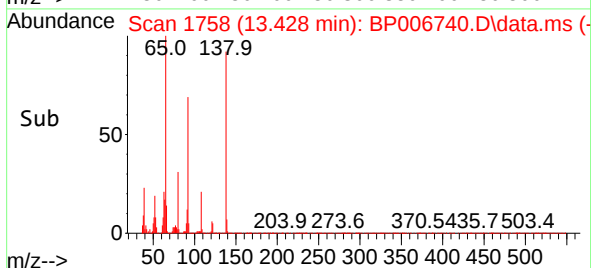
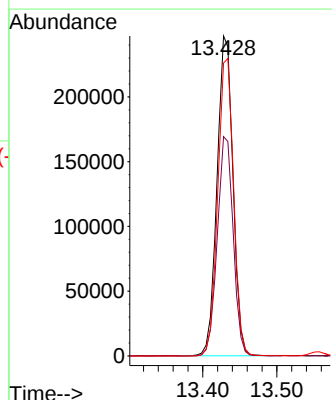
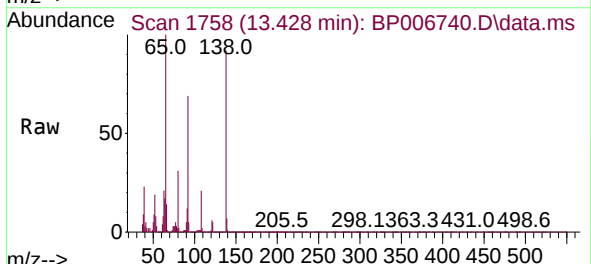
Instrument :  
BNA\_P  
ClientSampleId :  
PB138447BS

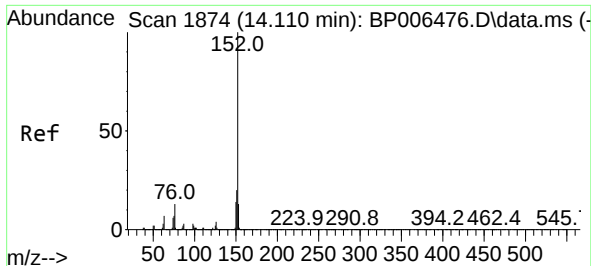
Tgt Ion:162 Resp: 980789  
Ion Ratio Lower Upper  
162 100  
127 45.4 31.4 47.0  
164 32.7 26.6 39.8



#48  
2-Nitroaniline  
Concen: 48.469 ng  
RT: 13.428 min Scan# 1758  
Delta R.T. 0.012 min  
Lab File: BP006740.D  
Acq: 18 Aug 2021 12:08

Tgt Ion: 65 Resp: 368165  
Ion Ratio Lower Upper  
65 100  
92 68.6 57.7 86.5  
138 91.6 92.1 138.1#

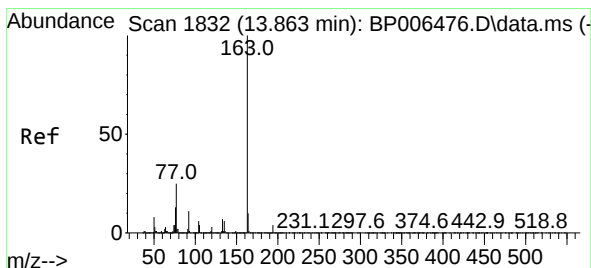
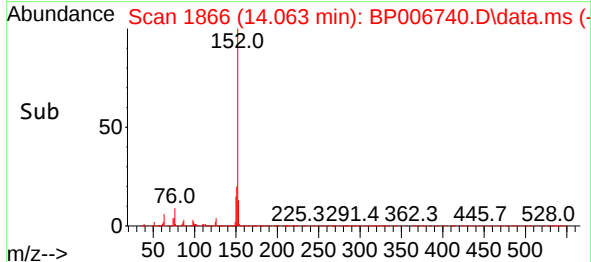
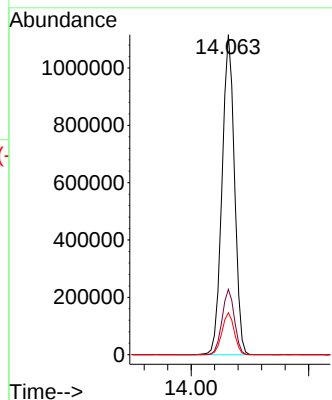
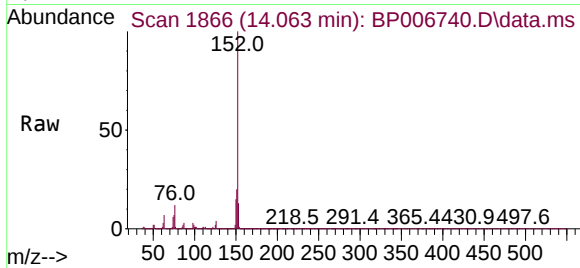




#49  
Acenaphthylene  
Concen: 47.156 ng  
RT: 14.063 min Scan# 1866  
Delta R.T. 0.018 min  
Lab File: BP006740.D  
Acq: 18 Aug 2021 12:08

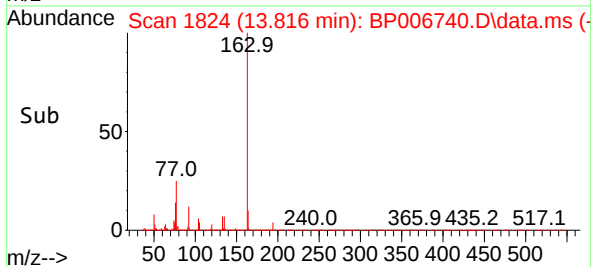
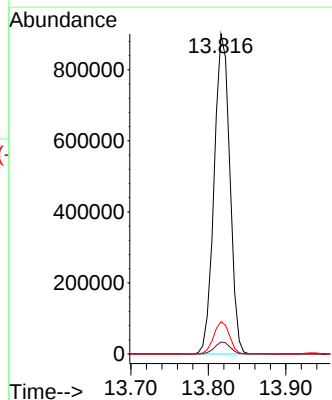
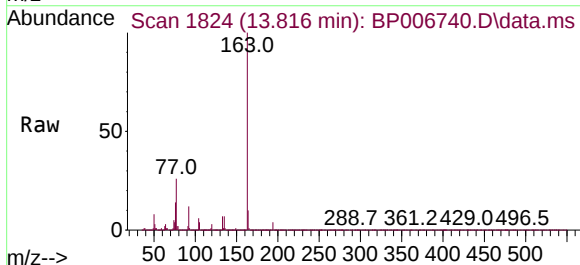
Instrument :  
BNA\_P  
ClientSampleId :  
PB138447BS

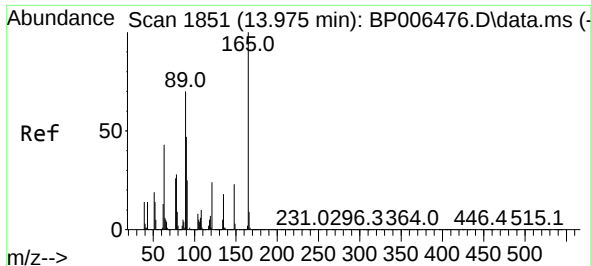
Tgt Ion:152 Resp: 1636613  
Ion Ratio Lower Upper  
152 100  
151 20.4 16.2 24.2  
153 13.1 10.6 16.0



#50  
Dimethylphthalate  
Concen: 47.021 ng  
RT: 13.816 min Scan# 1824  
Delta R.T. 0.018 min  
Lab File: BP006740.D  
Acq: 18 Aug 2021 12:08

Tgt Ion:163 Resp: 1263901  
Ion Ratio Lower Upper  
163 100  
194 3.7 3.4 5.2  
164 10.1 8.2 12.2

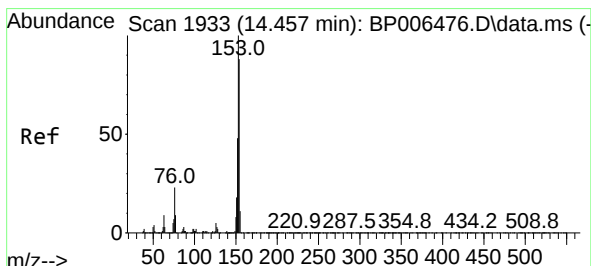
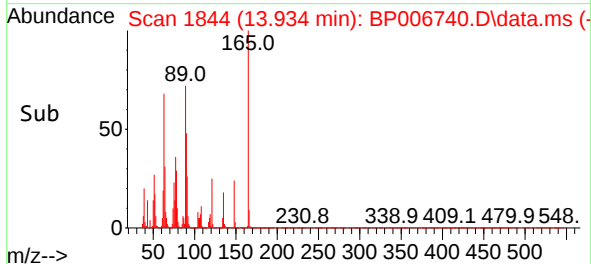
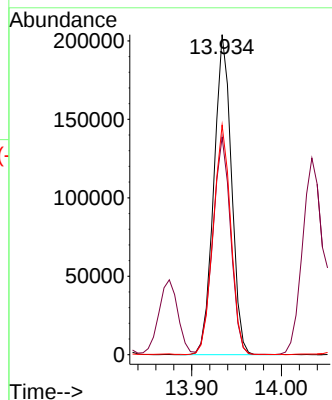
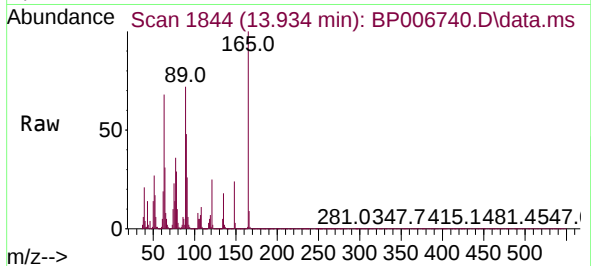




#51  
2,6-Dinitrotoluene  
Concen: 46.225 ng  
RT: 13.934 min Scan# 1844  
Delta R.T. 0.012 min  
Lab File: BP006740.D  
Acq: 18 Aug 2021 12:08

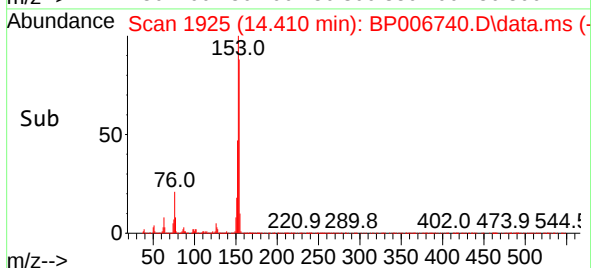
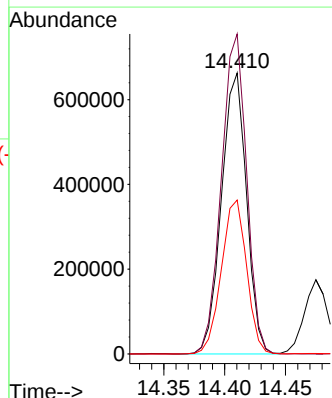
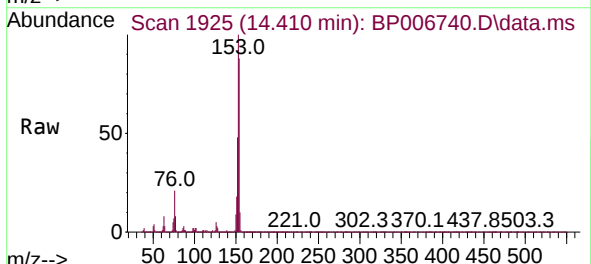
Instrument :  
BNA\_P  
ClientSampleId :  
PB138447BS

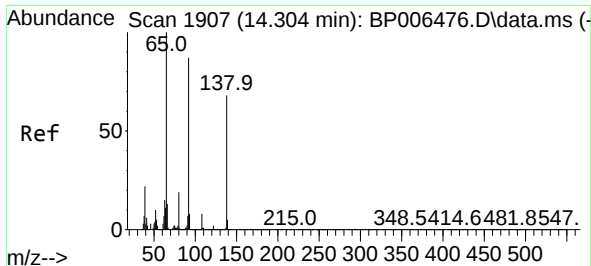
Tgt Ion:165 Resp: 277256  
Ion Ratio Lower Upper  
165 100  
63 68.0 41.3 61.9#  
89 71.8 44.8 67.2#



#52  
Acenaphthene  
Concen: 44.979 ng  
RT: 14.410 min Scan# 1925  
Delta R.T. 0.018 min  
Lab File: BP006740.D  
Acq: 18 Aug 2021 12:08

Tgt Ion:154 Resp: 950047  
Ion Ratio Lower Upper  
154 100  
153 113.9 89.4 134.2  
152 54.8 43.0 64.4

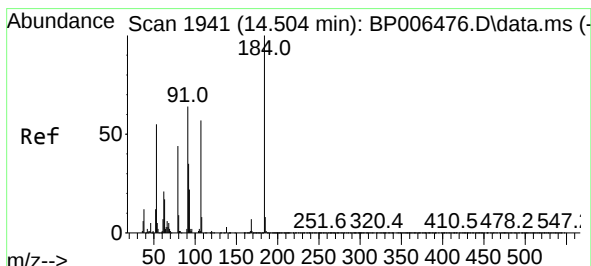
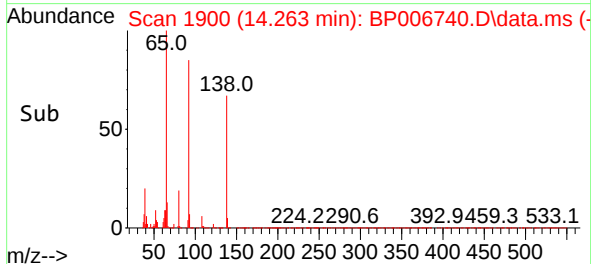
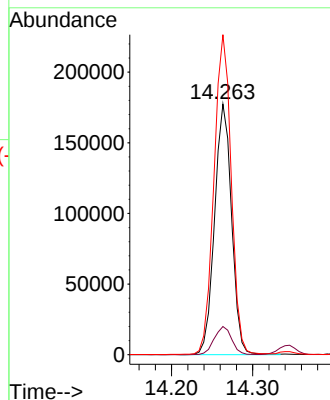
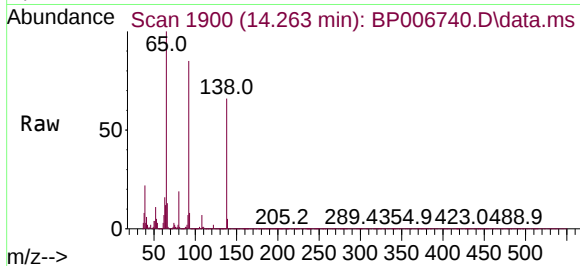




#53  
3-Nitroaniline  
Concen: 38.837 ng  
RT: 14.263 min Scan# 1900  
Delta R.T. 0.012 min  
Lab File: BP006740.D  
Acq: 18 Aug 2021 12:08

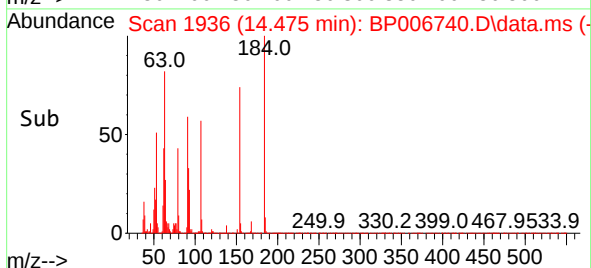
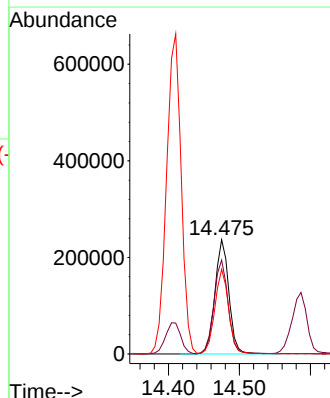
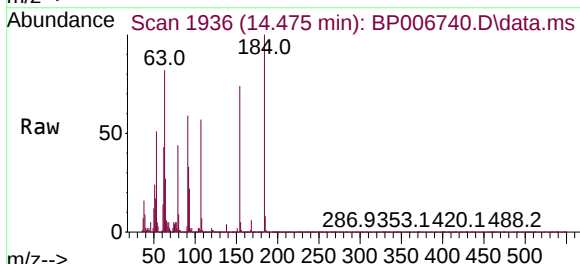
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ClientSampleId :  
PB138447BS

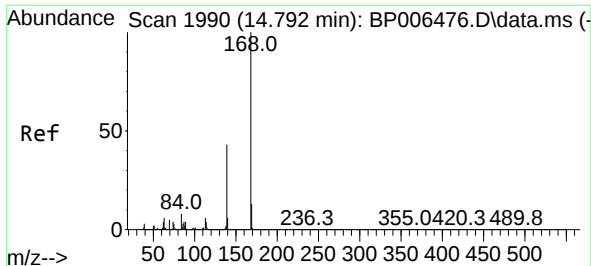
Tgt Ion:138 Resp: 258243  
Ion Ratio Lower Upper  
138 100  
108 11.2 8.4 12.6  
92 127.7 87.8 131.8



#54  
2,4-Dinitrophenol  
Concen: 102.705 ng  
RT: 14.475 min Scan# 1936  
Delta R.T. 0.012 min  
Lab File: BP006740.D  
Acq: 18 Aug 2021 12:08

Tgt Ion:184 Resp: 322140  
Ion Ratio Lower Upper  
184 100  
63 82.3 47.0 70.6#  
154 74.1 52.3 78.5

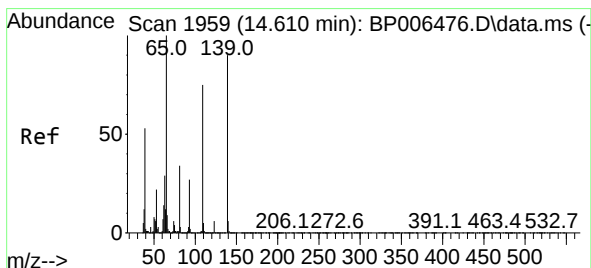
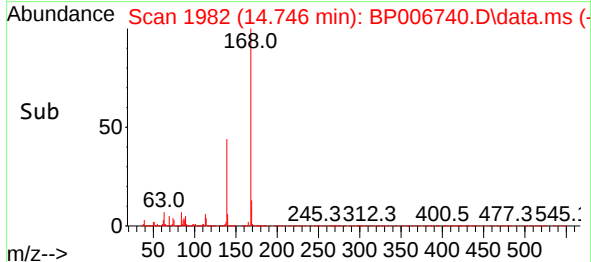
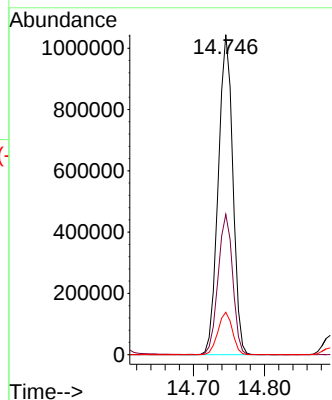
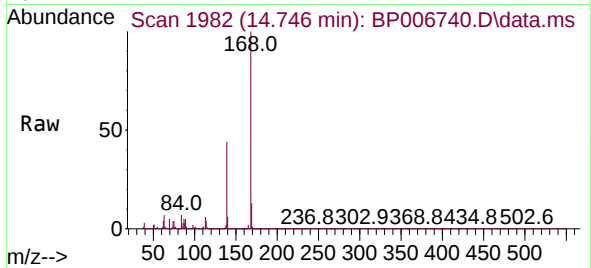




#55  
Dibenzofuran  
Concen: 44.472 ng  
RT: 14.746 min Scan# 1982  
Delta R.T. 0.018 min  
Lab File: BP006740.D  
Acq: 18 Aug 2021 12:08

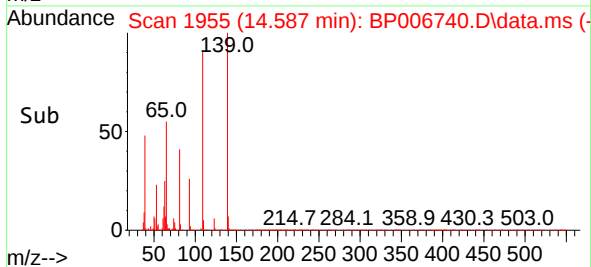
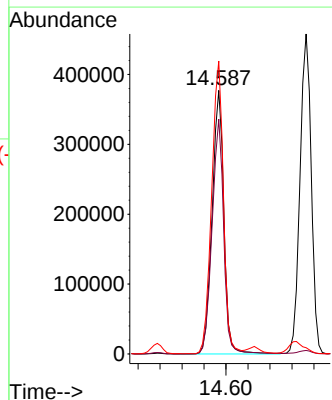
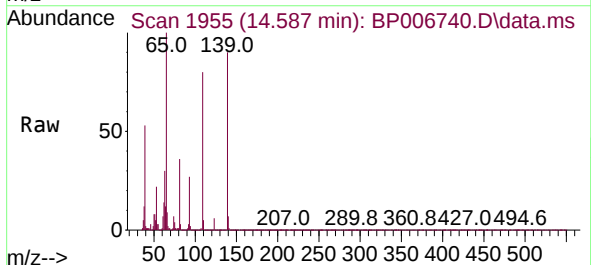
Instrument :  
BNA\_P  
ClientSampleId :  
PB138447BS

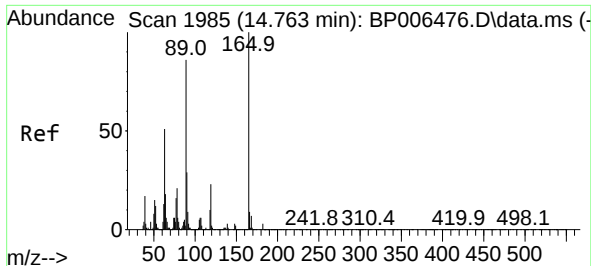
Tgt Ion:168 Resp: 1477546  
Ion Ratio Lower Upper  
168 100  
139 43.9 31.0 46.6  
169 13.2 10.8 16.2



#56  
4-Nitrophenol  
Concen: 96.882 ng  
RT: 14.587 min Scan# 1955  
Delta R.T. 0.018 min  
Lab File: BP006740.D  
Acq: 18 Aug 2021 12:08

Tgt Ion:139 Resp: 559370  
Ion Ratio Lower Upper  
139 100  
109 89.1 72.3 112.3  
65 111.1 72.5 112.5

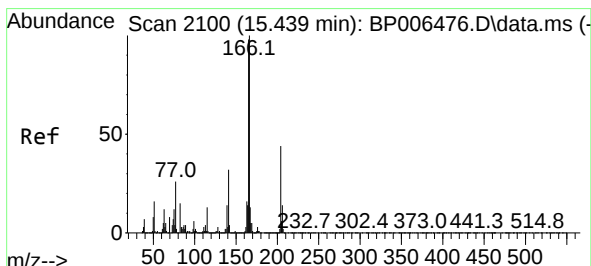
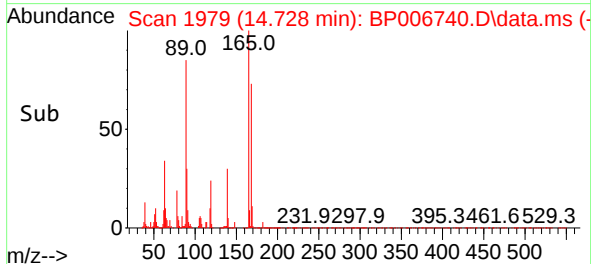
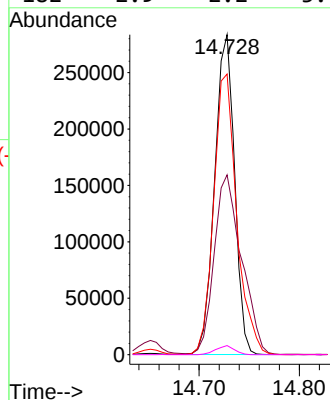
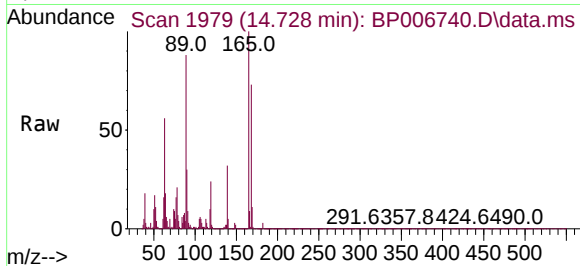




#57  
2,4-Dinitrotoluene  
Concen: 48.516 ng  
RT: 14.728 min Scan# 1979  
Delta R.T. 0.018 min  
Lab File: BP006740.D  
Acq: 18 Aug 2021 12:08

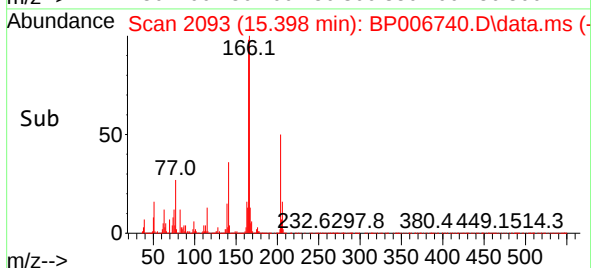
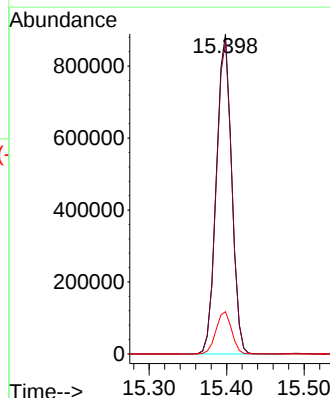
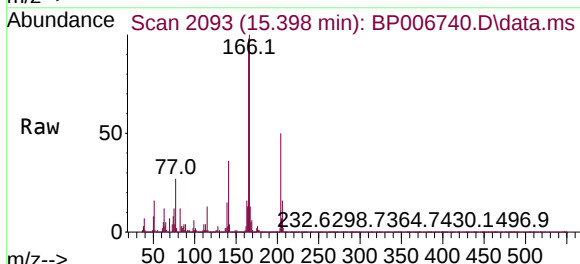
Instrument :  
BNA\_P  
ClientSampleId :  
PB138447BS

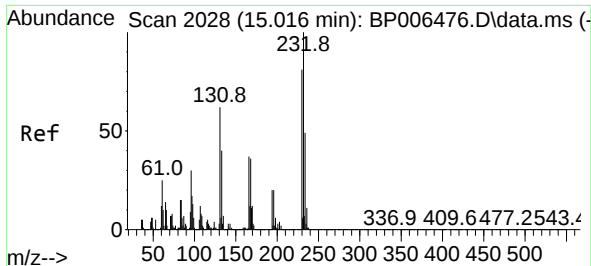
| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 165     | 100   |       |       |
| 63      | 56.2  | 32.3  | 48.5# |
| 89      | 87.7  | 55.9  | 83.9# |
| 182     | 2.9   | 2.2   | 3.4   |



#58  
Fluorene  
Concen: 45.827 ng  
RT: 15.398 min Scan# 2093  
Delta R.T. 0.018 min  
Lab File: BP006740.D  
Acq: 18 Aug 2021 12:08

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 166     | 100   |       |       |
| 165     | 98.0  | 78.0  | 117.0 |
| 167     | 13.2  | 10.5  | 15.7  |

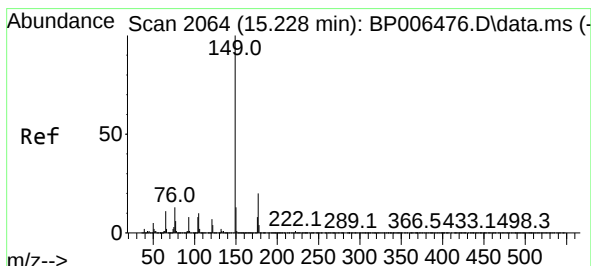
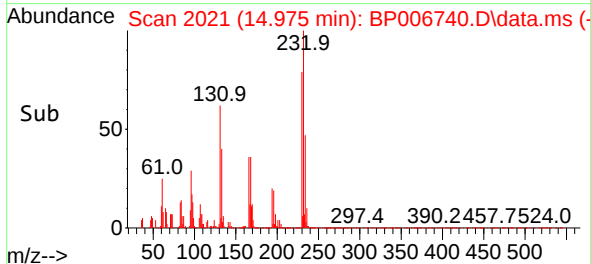
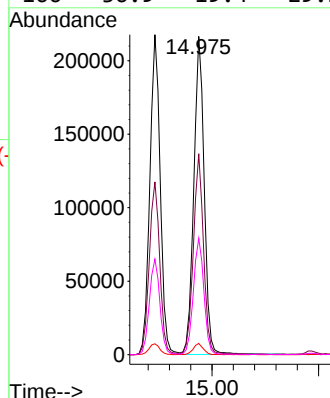
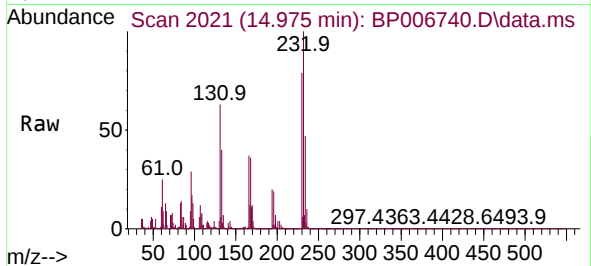




#59  
2,3,4,6-Tetrachlorophenol  
Concen: 47.978 ng  
RT: 14.975 min Scan# 2021  
Delta R.T. 0.018 min  
Lab File: BP006740.D  
Acq: 18 Aug 2021 12:08

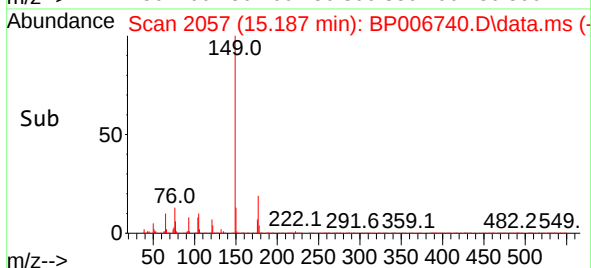
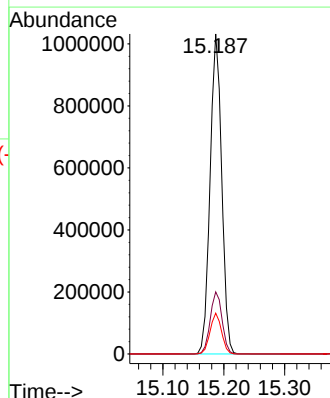
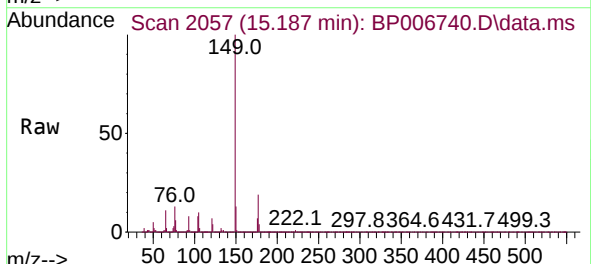
Instrument :  
BNA\_P  
ClientSampleId :  
PB138447BS

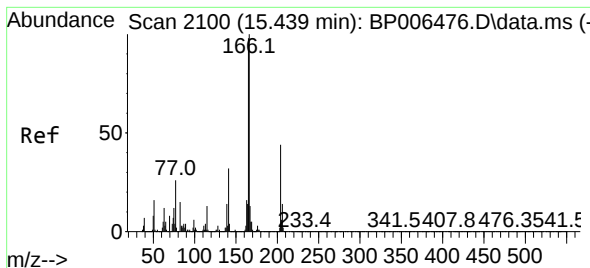
|             |       |            |
|-------------|-------|------------|
| Tgt Ion:232 | Resp: | 293701     |
| Ion Ratio   | Lower | Upper      |
| 232         | 100   |            |
| 131         | 61.4  | 32.2 48.4# |
| 130         | 3.4   | 2.0 3.0#   |
| 166         | 36.9  | 19.4 29.2# |



#60  
Diethylphthalate  
Concen: 48.316 ng  
RT: 15.187 min Scan# 2057  
Delta R.T. 0.018 min  
Lab File: BP006740.D  
Acq: 18 Aug 2021 12:08

|             |       |           |
|-------------|-------|-----------|
| Tgt Ion:149 | Resp: | 1364065   |
| Ion Ratio   | Lower | Upper     |
| 149         | 100   |           |
| 177         | 19.4  | 17.5 26.3 |
| 150         | 12.8  | 9.9 14.9  |

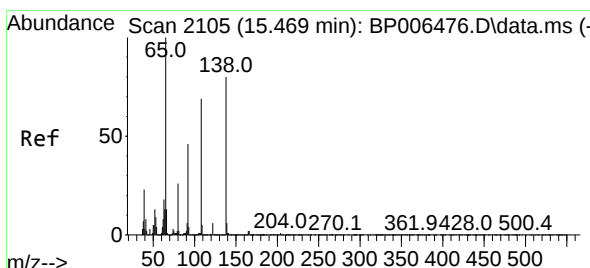
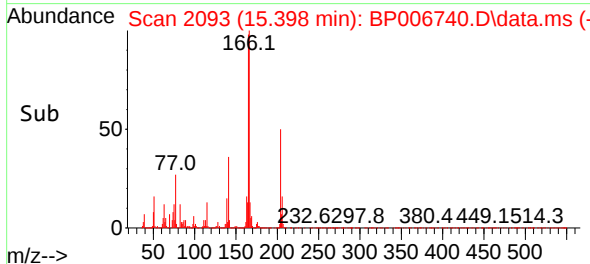
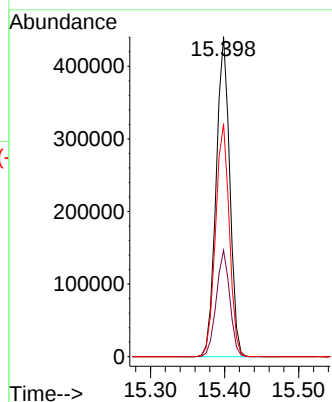
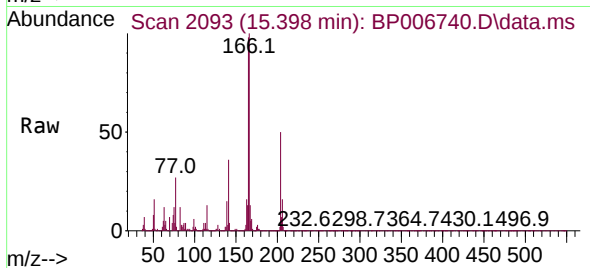




#61  
4-Chlorophenyl-phenylether  
Concen: 46.740 ng  
RT: 15.398 min Scan# 2093  
Delta R.T. 0.018 min  
Lab File: BP006740.D  
Acq: 18 Aug 2021 12:08

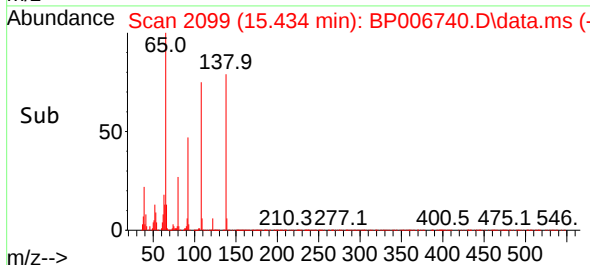
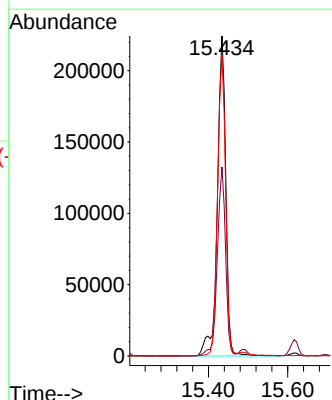
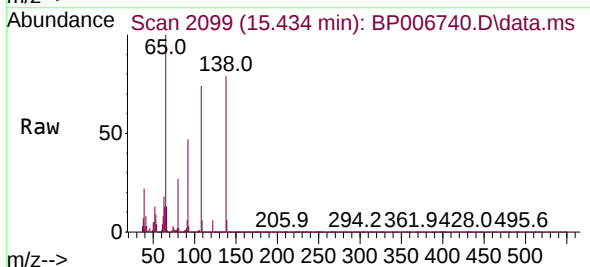
Instrument :  
BNA\_P  
ClientSampleId :  
PB138447BS

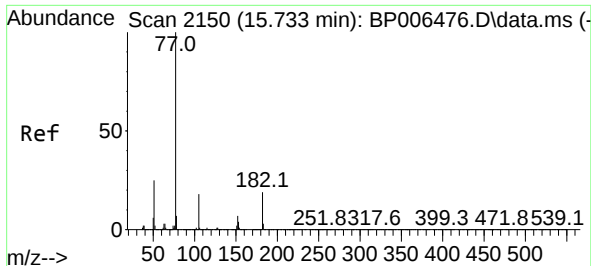
Tgt Ion:204 Resp: 562095  
Ion Ratio Lower Upper  
204 100  
206 33.2 26.6 40.0  
141 72.8 48.6 73.0



#62  
4-Nitroaniline  
Concen: 47.253 ng  
RT: 15.434 min Scan# 2099  
Delta R.T. 0.018 min  
Lab File: BP006740.D  
Acq: 18 Aug 2021 12:08

Tgt Ion:138 Resp: 333410  
Ion Ratio Lower Upper  
138 100  
92 59.0 31.2 71.2  
108 94.1 78.6 118.6



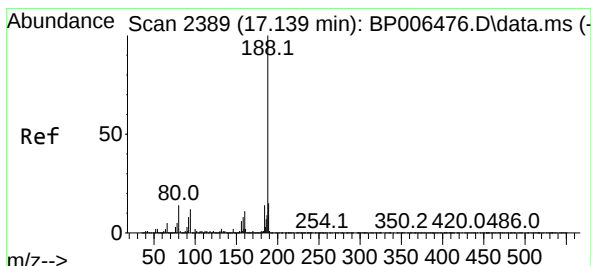
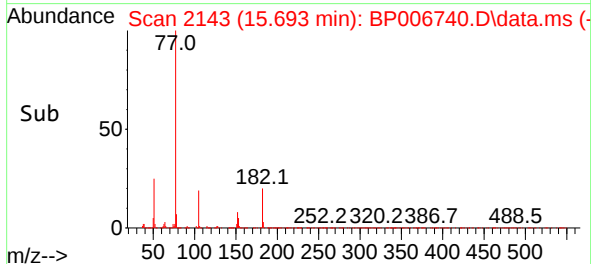
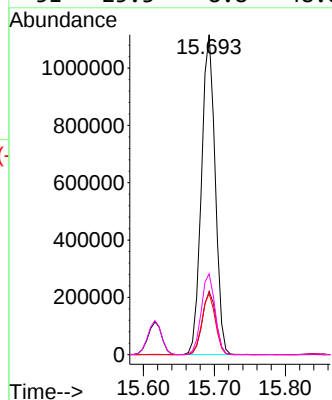
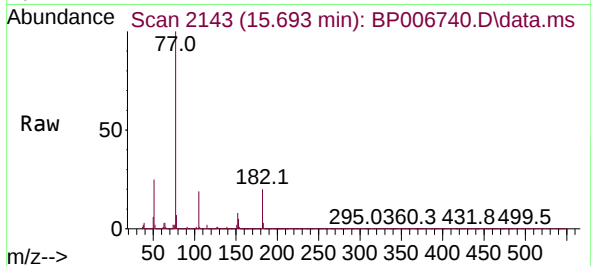


#63  
Azobenzene  
Concen: 45.513 ng  
RT: 15.693 min Scan# 2143  
Delta R.T. 0.018 min  
Lab File: BP006740.D  
Acq: 18 Aug 2021 12:08

Instrument :  
BNA\_P  
ClientSampleId :  
PB138447BS

Tgt Ion: 77 Resp: 1498082

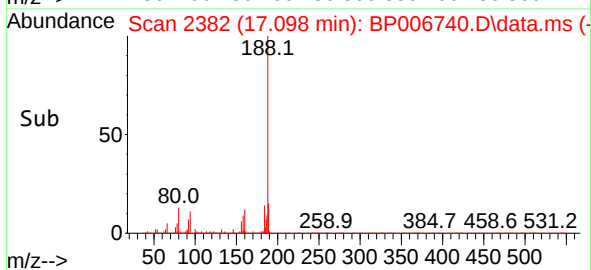
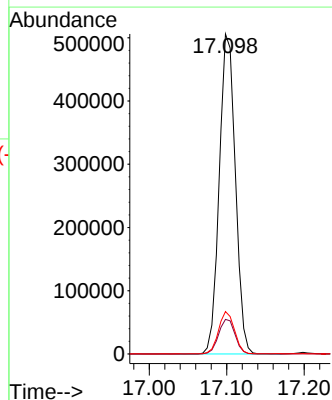
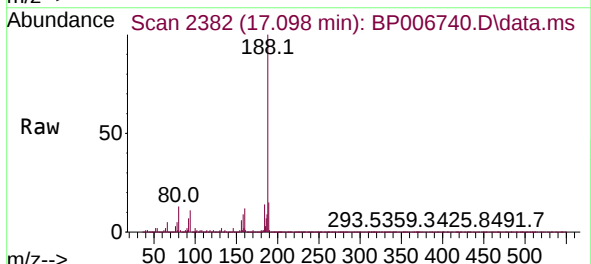
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 77  | 100   |       |       |
| 182 | 19.8  | 6.0   | 46.0  |
| 105 | 19.1  | 0.0   | 38.8  |
| 51  | 25.3  | 8.8   | 48.8  |

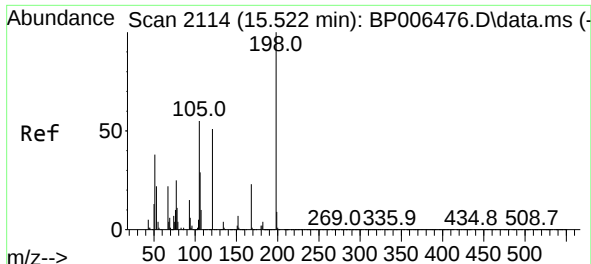


#64  
Phenanthrene-d10  
Concen: 20.000 ng  
RT: 17.098 min Scan# 2382  
Delta R.T. 0.012 min  
Lab File: BP006740.D  
Acq: 18 Aug 2021 12:08

Tgt Ion: 188 Resp: 730198

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 188 | 100   |       |       |
| 94  | 10.8  | 5.6   | 8.4#  |
| 80  | 13.3  | 6.3   | 9.5#  |

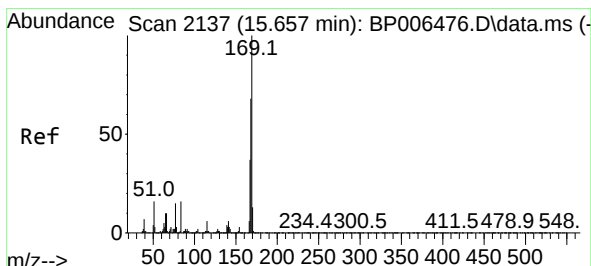
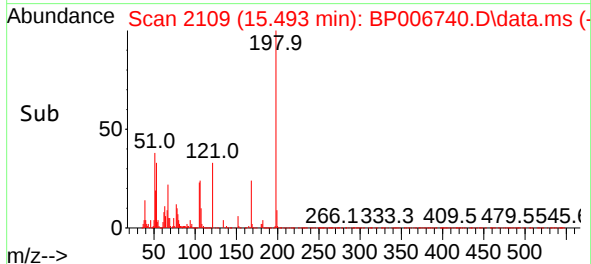
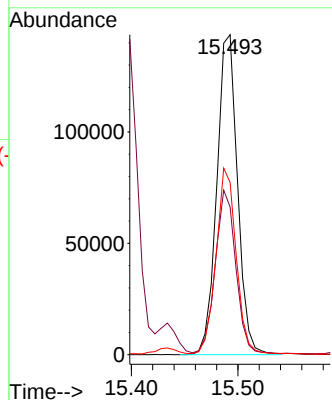
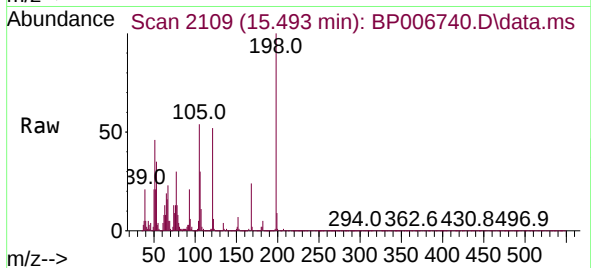




#65  
4,6-Dinitro-2-methylphenol  
Concen: 43.279 ng  
RT: 15.493 min Scan# 2109  
Delta R.T. 0.018 min  
Lab File: BP006740.D  
Acq: 18 Aug 2021 12:08

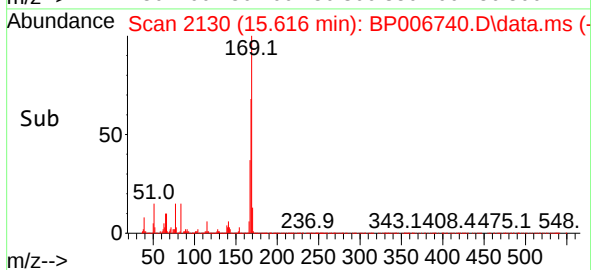
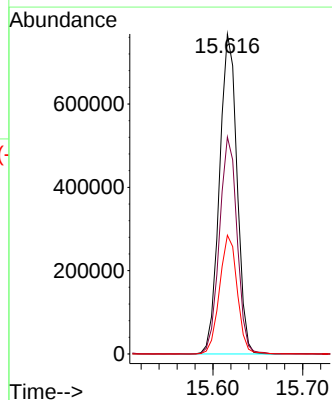
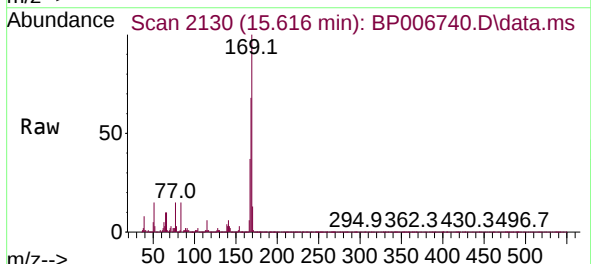
Instrument :  
BNA\_P  
ClientSampleId :  
PB138447BS

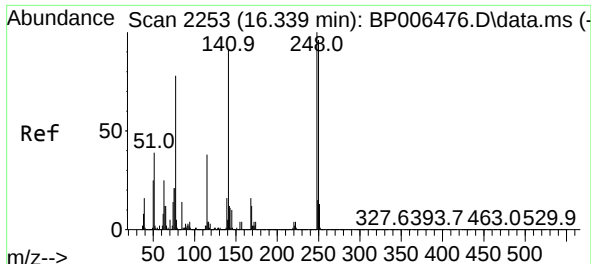
Tgt Ion:198 Resp: 193095  
Ion Ratio Lower Upper  
198 100  
51 46.2 14.0 54.0  
105 53.8 19.5 59.5



#66  
n-Nitrosodiphenylamine  
Concen: 45.359 ng  
RT: 15.616 min Scan# 2130  
Delta R.T. 0.018 min  
Lab File: BP006740.D  
Acq: 18 Aug 2021 12:08

Tgt Ion:169 Resp: 1041051  
Ion Ratio Lower Upper  
169 100  
168 67.8 54.4 81.6  
167 37.1 29.0 43.6

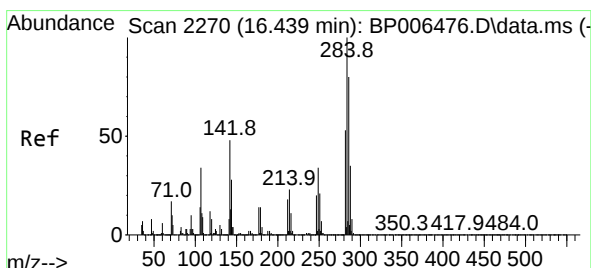
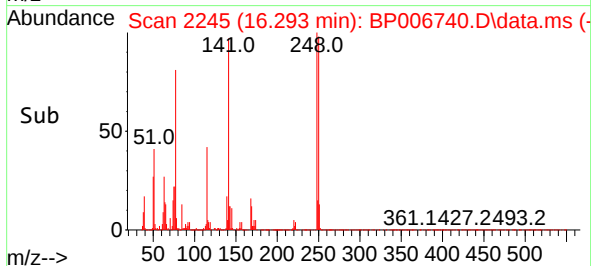
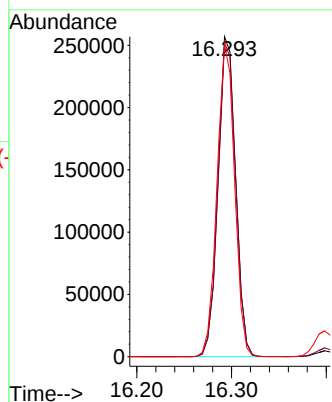
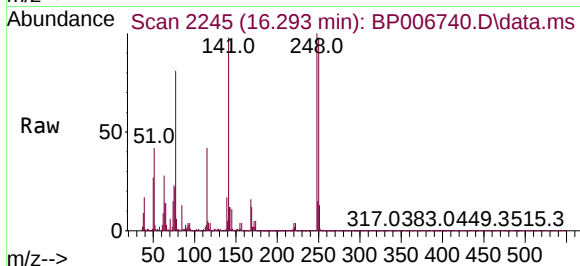




#67  
4-Bromophenyl-phenylether  
Concen: 47.552 ng  
RT: 16.293 min Scan# 2245  
Delta R.T. 0.012 min  
Lab File: BP006740.D  
Acq: 18 Aug 2021 12:08

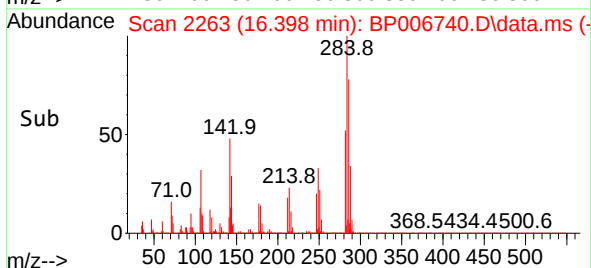
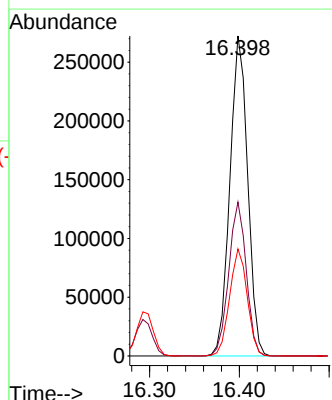
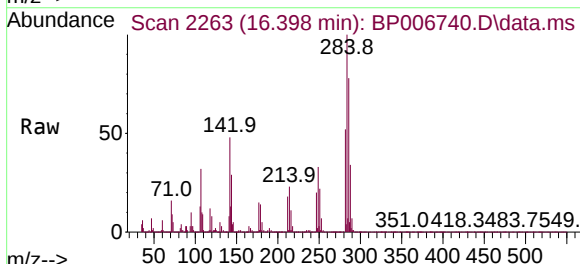
Instrument :  
BNA\_P  
ClientSampleId :  
PB138447BS

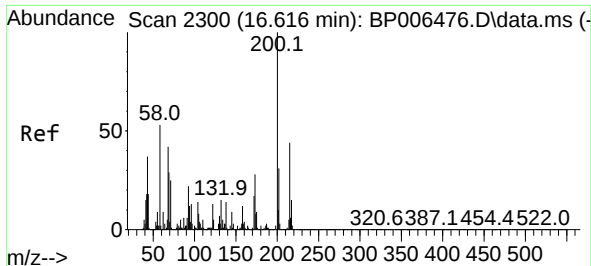
Tgt Ion:248 Resp: 333160  
Ion Ratio Lower Upper  
248 100  
250 98.2 79.8 119.8  
141 97.7 57.8 86.6#



#68  
Hexachlorobenzene  
Concen: 46.933 ng  
RT: 16.398 min Scan# 2263  
Delta R.T. 0.012 min  
Lab File: BP006740.D  
Acq: 18 Aug 2021 12:08

Tgt Ion:284 Resp: 374198  
Ion Ratio Lower Upper  
284 100  
142 48.1 26.9 40.3#  
249 33.5 24.5 36.7

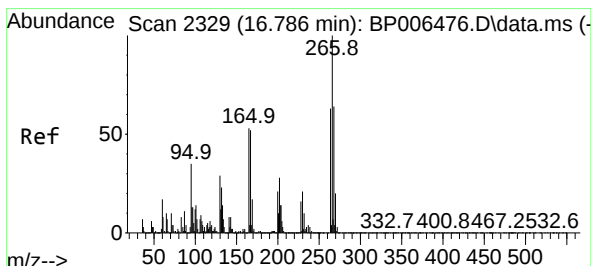
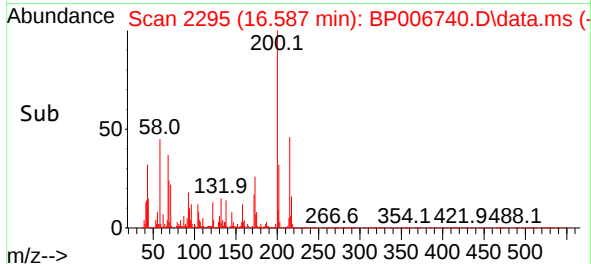
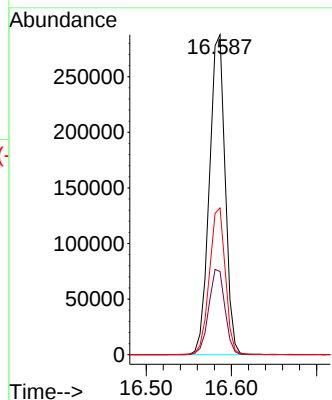
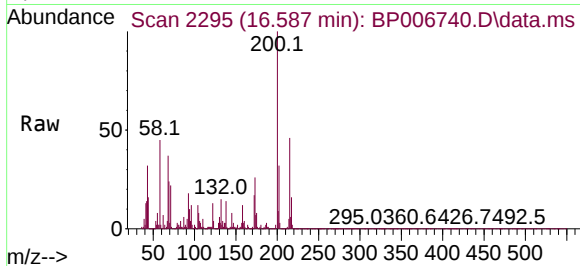




#69  
Atrazine  
Concen: 51.912 ng  
RT: 16.587 min Scan# 2295  
Delta R.T. 0.018 min  
Lab File: BP006740.D  
Acq: 18 Aug 2021 12:08

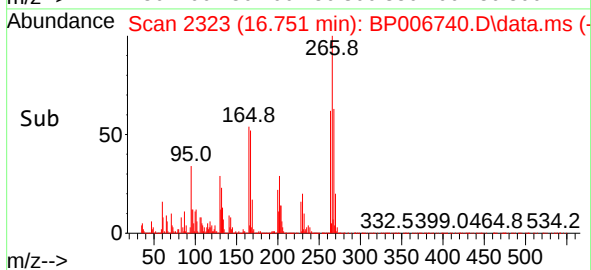
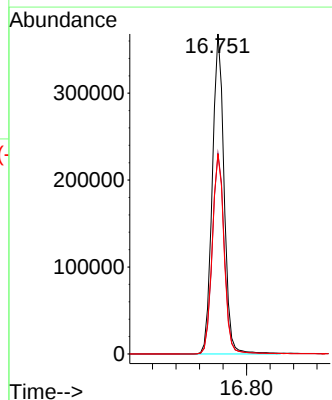
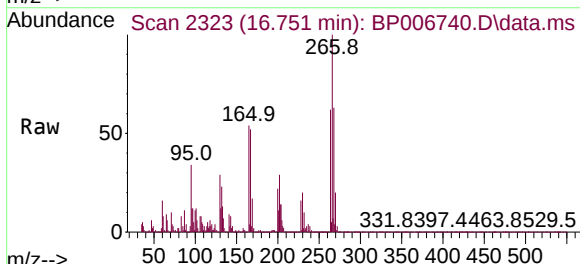
Instrument :  
BNA\_P  
ClientSampleId :  
PB138447BS

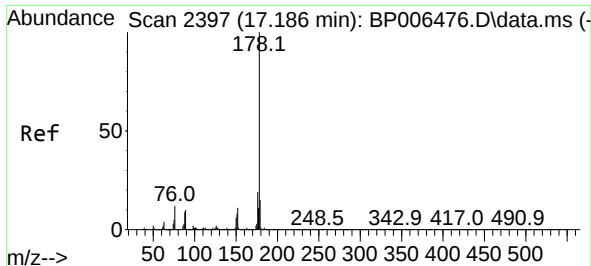
Tgt Ion:200 Resp: 371789  
Ion Ratio Lower Upper  
200 100  
173 26.0 4.1 44.1  
215 45.8 27.7 67.7



#70  
Pentachlorophenol  
Concen: 100.932 ng  
RT: 16.751 min Scan# 2323  
Delta R.T. 0.018 min  
Lab File: BP006740.D  
Acq: 18 Aug 2021 12:08

Tgt Ion:266 Resp: 510577  
Ion Ratio Lower Upper  
266 100  
268 62.7 51.6 77.4  
264 62.4 50.3 75.5

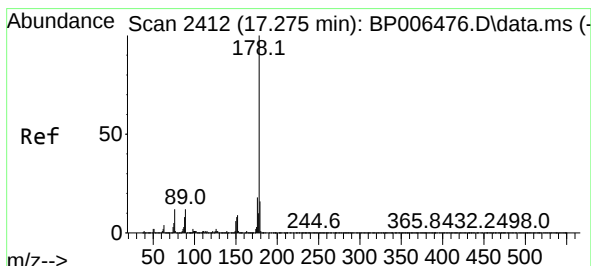
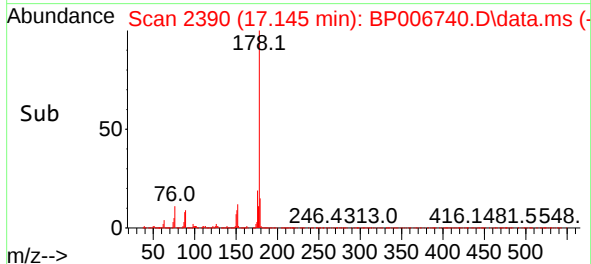
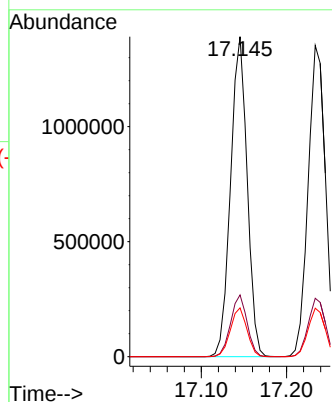
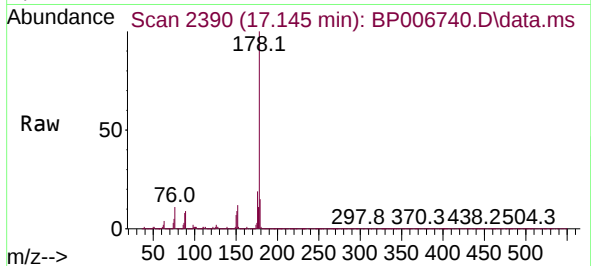




#71  
Phenanthrene  
Concen: 45.643 ng  
RT: 17.145 min Scan# 2390  
Delta R.T. 0.018 min  
Lab File: BP006740.D  
Acq: 18 Aug 2021 12:08

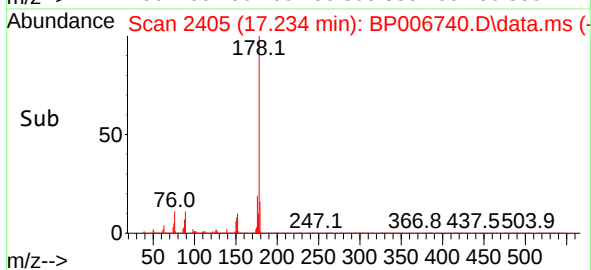
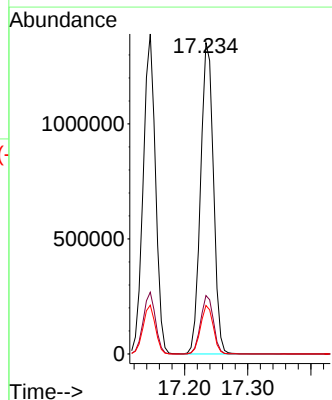
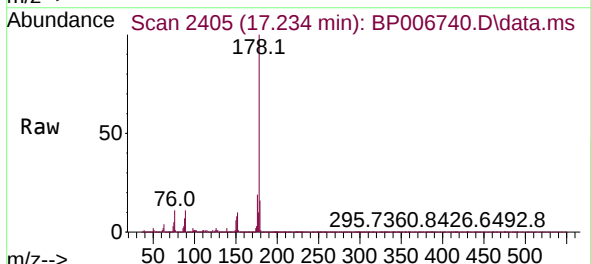
Instrument :  
BNA\_P  
ClientSampleId :  
PB138447BS

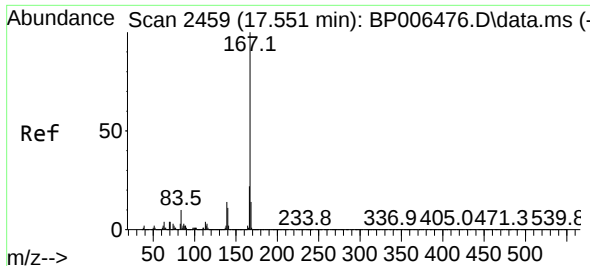
Tgt Ion:178 Resp: 1879922  
Ion Ratio Lower Upper  
178 100  
176 19.3 15.1 22.7  
179 15.3 12.4 18.6



#72  
Anthracene  
Concen: 47.949 ng  
RT: 17.234 min Scan# 2405  
Delta R.T. 0.012 min  
Lab File: BP006740.D  
Acq: 18 Aug 2021 12:08

Tgt Ion:178 Resp: 1908312  
Ion Ratio Lower Upper  
178 100  
176 18.7 14.9 22.3  
179 15.6 12.2 18.2

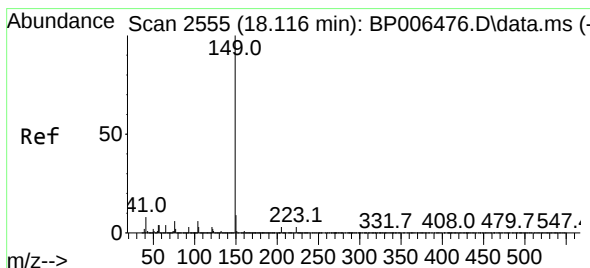
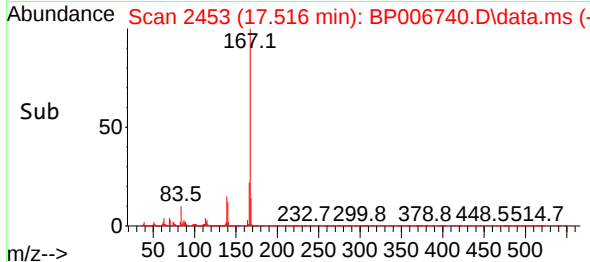
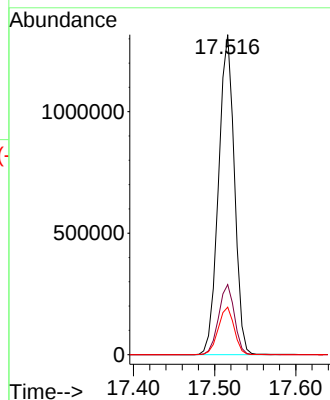
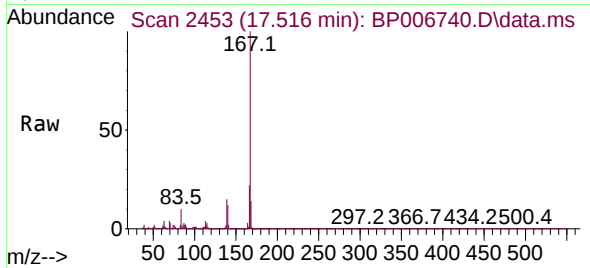




#73  
Carbazole  
Concen: 44.111 ng  
RT: 17.516 min Scan# 2453  
Delta R.T. 0.018 min  
Lab File: BP006740.D  
Acq: 18 Aug 2021 12:08

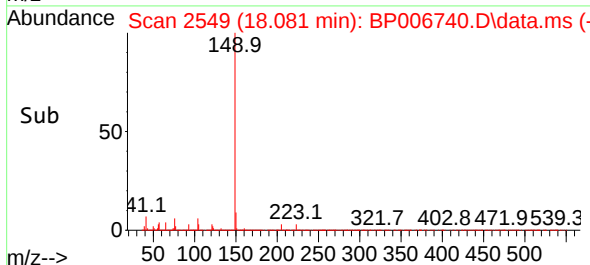
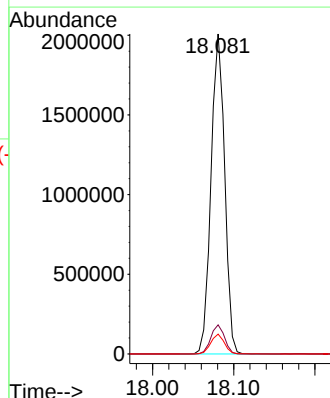
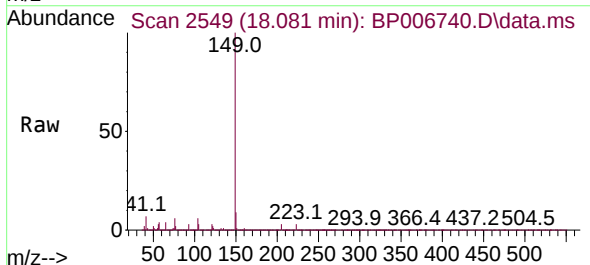
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BNA\_P  
ClientSampleId :  
PB138447BS

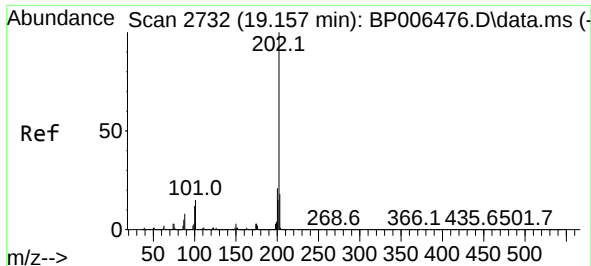
Tgt Ion:167 Resp: 1790664  
Ion Ratio Lower Upper  
167 100  
166 21.9 17.1 25.7  
139 14.8 10.7 16.1



#74  
Di-n-butylphthalate  
Concen: 50.445 ng  
RT: 18.081 min Scan# 2549  
Delta R.T. 0.018 min  
Lab File: BP006740.D  
Acq: 18 Aug 2021 12:08

Tgt Ion:149 Resp: 2333063  
Ion Ratio Lower Upper  
149 100  
150 9.1 7.3 10.9  
104 6.2 4.5 6.7

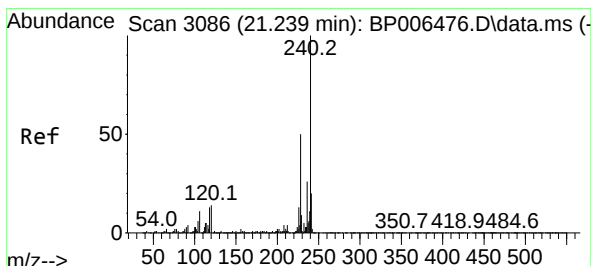
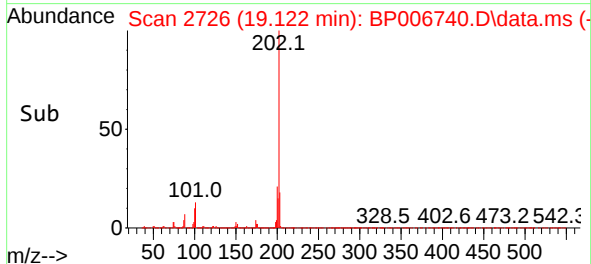
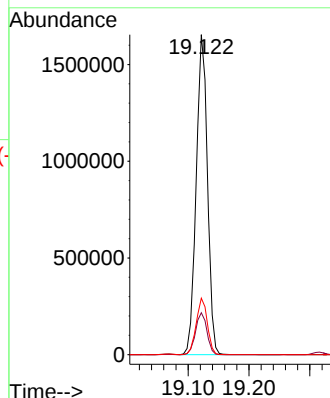
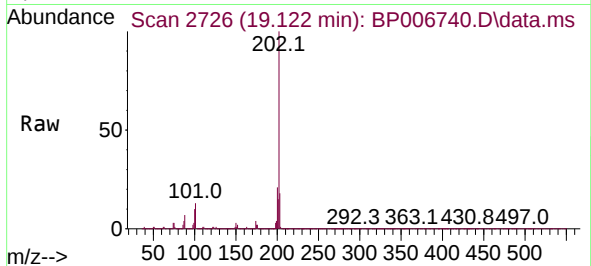




#75  
Fluoranthene  
Concen: 45.826 ng  
RT: 19.122 min Scan# 2726  
Delta R.T. 0.012 min  
Lab File: BP006740.D  
Acq: 18 Aug 2021 12:08

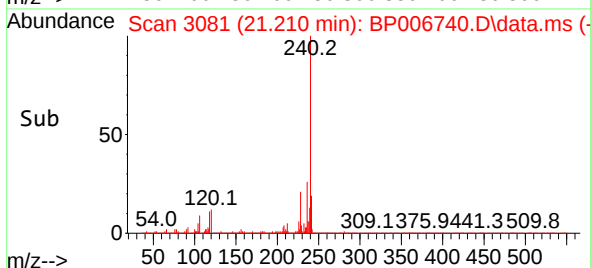
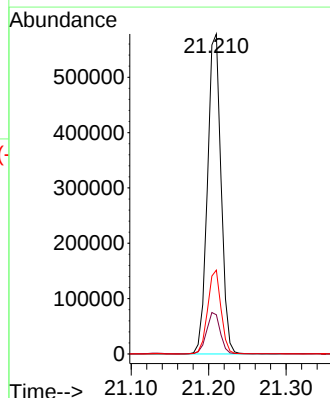
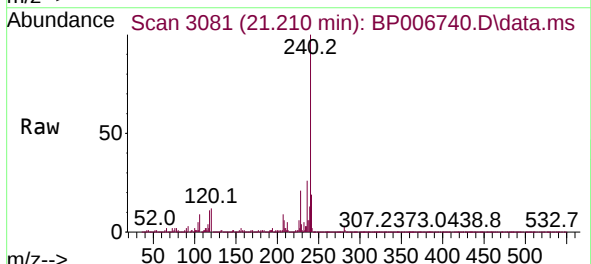
Instrument :  
BNA\_P  
ClientSampleId :  
PB138447BS

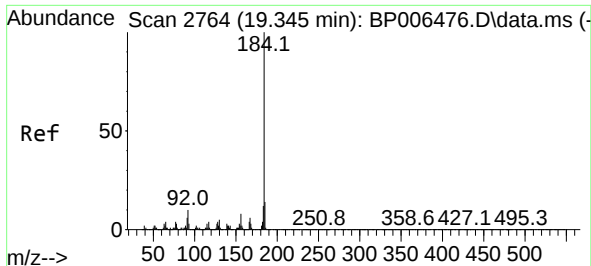
Tgt Ion:202 Resp: 2118472  
Ion Ratio Lower Upper  
202 100  
101 13.1 0.0 27.6  
203 17.7 0.0 37.8



#76  
Chrysene-d12  
Concen: 20.000 ng  
RT: 21.210 min Scan# 3081  
Delta R.T. 0.018 min  
Lab File: BP006740.D  
Acq: 18 Aug 2021 12:08

Tgt Ion:240 Resp: 701927  
Ion Ratio Lower Upper  
240 100  
120 12.3 6.5 9.7#  
236 26.2 20.6 31.0

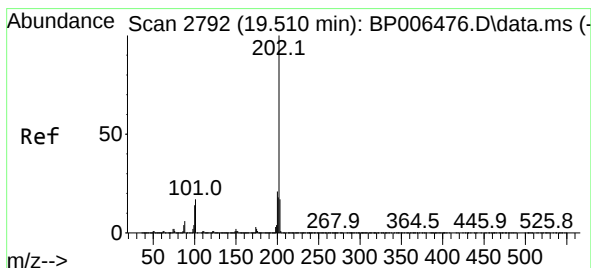
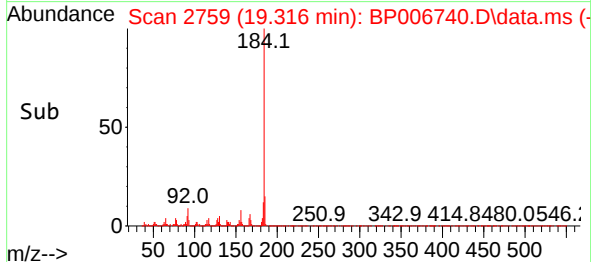
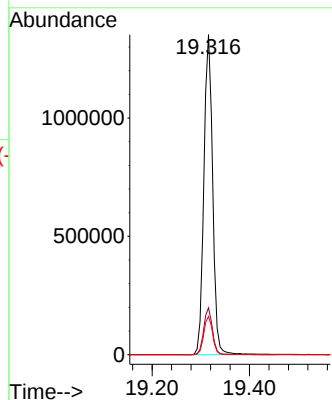
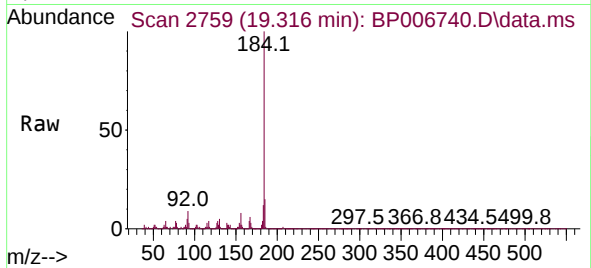




#77  
Benzidine  
Concen: 96.369 ng  
RT: 19.316 min Scan# 2759  
Delta R.T. 0.012 min  
Lab File: BP006740.D  
Acq: 18 Aug 2021 12:08

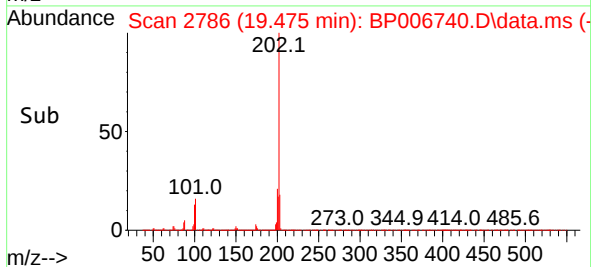
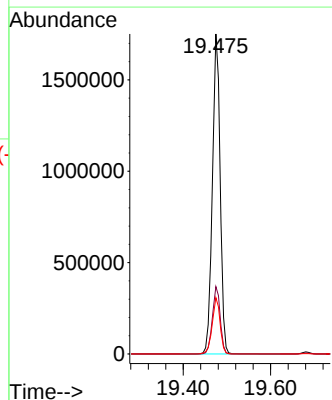
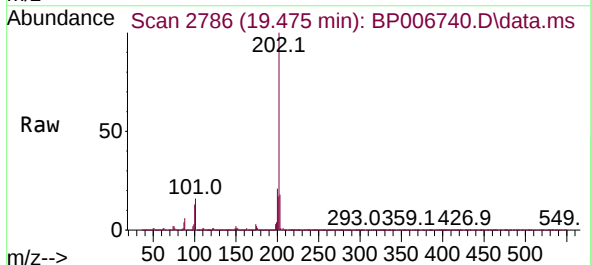
Instrument :  
BNA\_P  
ClientSampleId :  
PB138447BS

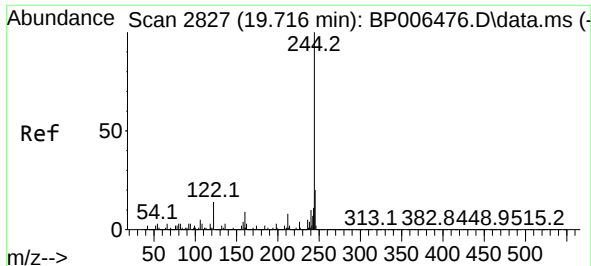
Tgt Ion:184 Resp: 1692670  
Ion Ratio Lower Upper  
184 100  
185 14.7 11.0 16.4  
183 12.0 9.5 14.3



#78  
Pyrene  
Concen: 46.233 ng  
RT: 19.475 min Scan# 2786  
Delta R.T. 0.012 min  
Lab File: BP006740.D  
Acq: 18 Aug 2021 12:08

Tgt Ion:202 Resp: 2167656  
Ion Ratio Lower Upper  
202 100  
200 21.1 16.3 24.5  
203 17.6 14.2 21.2

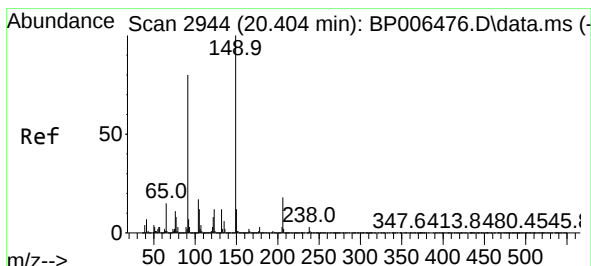
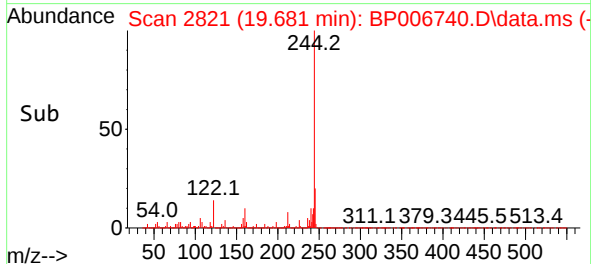
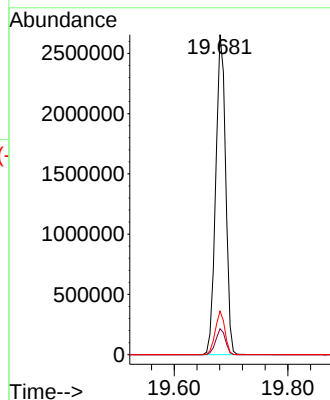
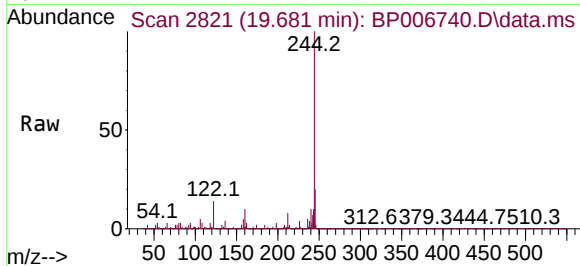




#79  
Terphenyl-d14  
Concen: 91.305 ng  
RT: 19.681 min Scan# 2821  
Delta R.T. 0.012 min  
Lab File: BP006740.D  
Acq: 18 Aug 2021 12:08

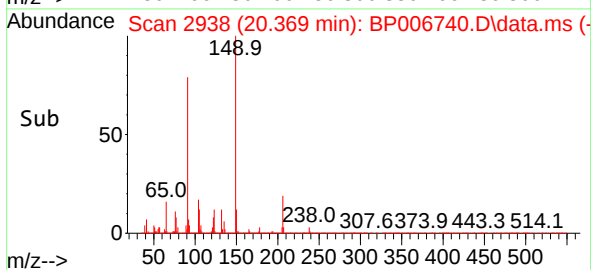
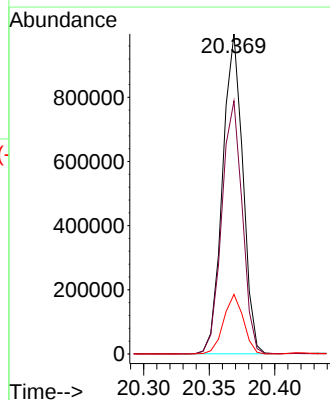
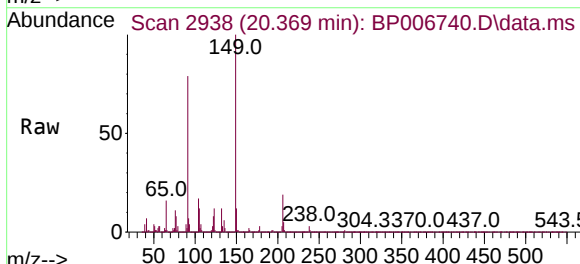
Instrument :  
BNA\_P  
ClientSampleId :  
PB138447BS

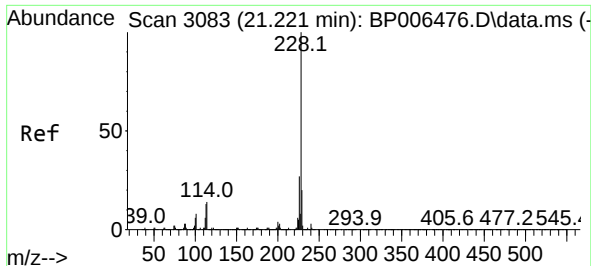
Tgt Ion:244 Resp: 3198426  
Ion Ratio Lower Upper  
244 100  
212 8.1 6.0 9.0  
122 13.6 7.1 10.7#



#80  
Butylbenzylphthalate  
Concen: 51.835 ng  
RT: 20.369 min Scan# 2938  
Delta R.T. 0.018 min  
Lab File: BP006740.D  
Acq: 18 Aug 2021 12:08

Tgt Ion:149 Resp: 1068671  
Ion Ratio Lower Upper  
149 100  
91 79.1 54.6 81.8  
206 18.6 16.7 25.1

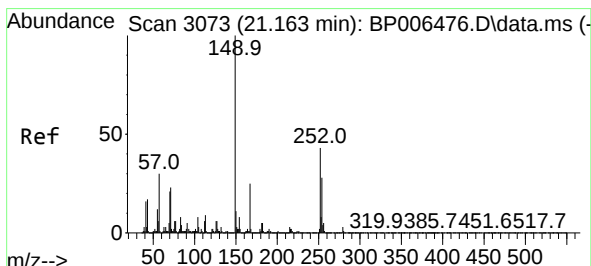
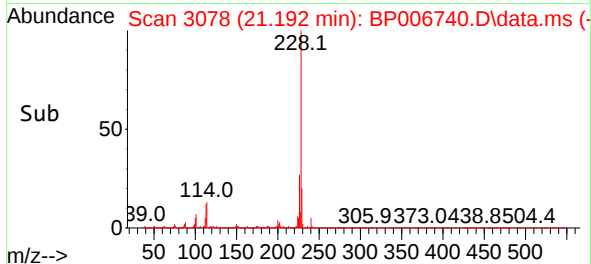
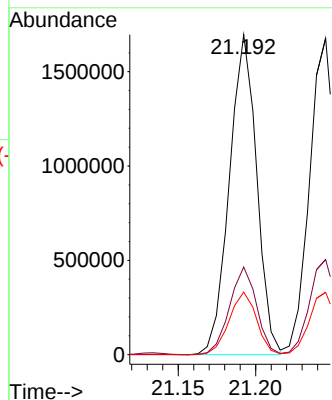
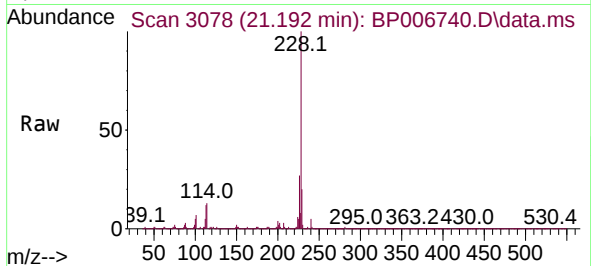




#81  
Benzo(a)anthracene  
Concen: 45.292 ng  
RT: 21.192 min Scan# 3078  
Delta R.T. 0.012 min  
Lab File: BP006740.D  
Acq: 18 Aug 2021 12:08

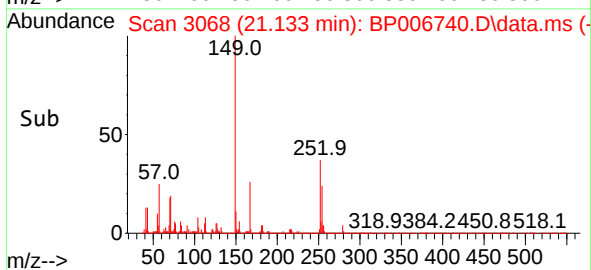
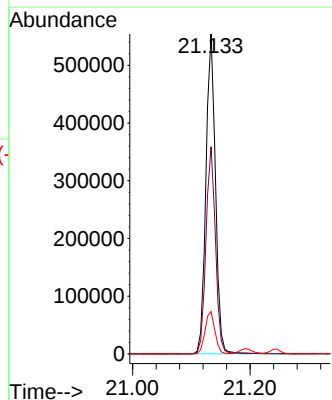
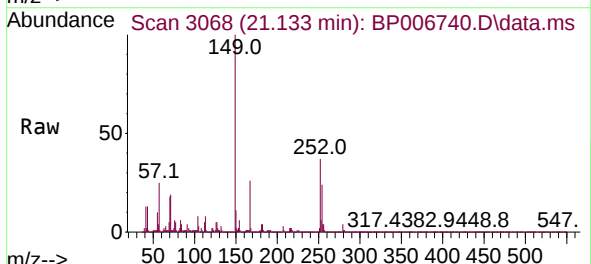
Instrument :  
BNA\_P  
ClientSampleId :  
PB138447BS

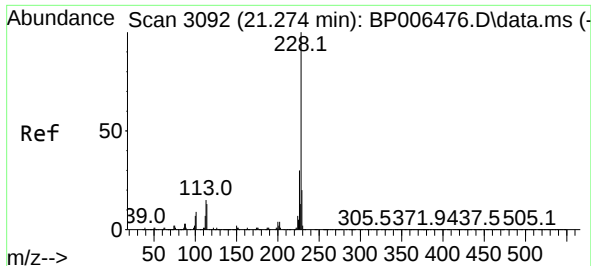
Tgt Ion:228 Resp: 2077695  
Ion Ratio Lower Upper  
228 100  
226 27.4 21.6 32.4  
229 19.6 15.8 23.6



#82  
3,3'-Dichlorobenzidine  
Concen: 52.062 ng  
RT: 21.133 min Scan# 3068  
Delta R.T. 0.012 min  
Lab File: BP006740.D  
Acq: 18 Aug 2021 12:08

Tgt Ion:252 Resp: 626989  
Ion Ratio Lower Upper  
252 100  
254 64.7 50.6 76.0  
126 13.3 7.0 10.6#

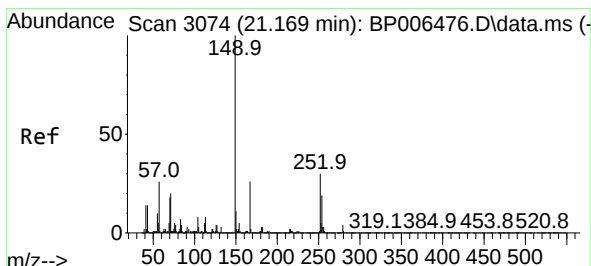
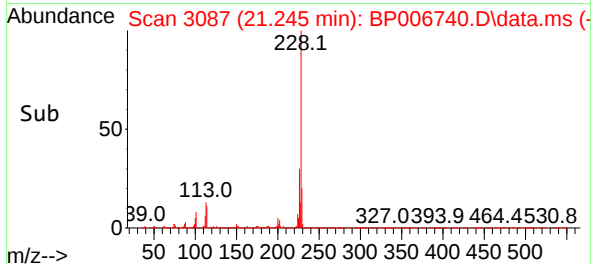
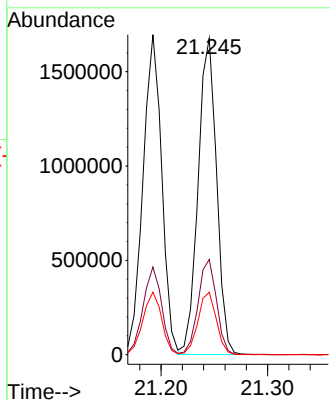
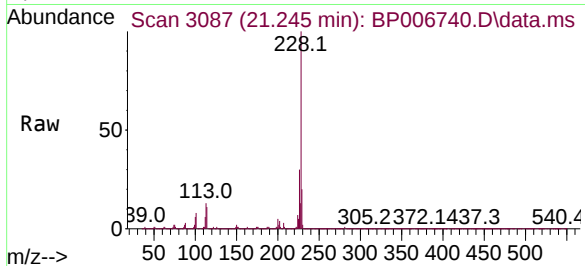




#83  
Chrysene  
Concen: 45.592 ng  
RT: 21.245 min Scan# 3087  
Delta R.T. 0.018 min  
Lab File: BP006740.D  
Acq: 18 Aug 2021 12:08

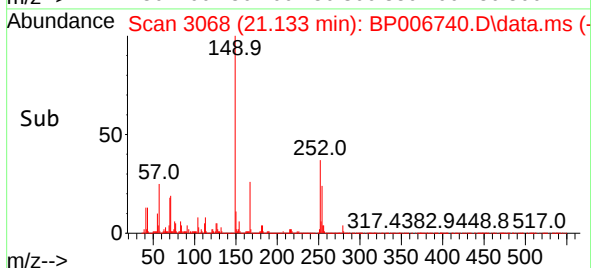
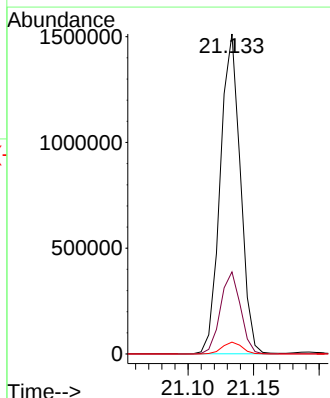
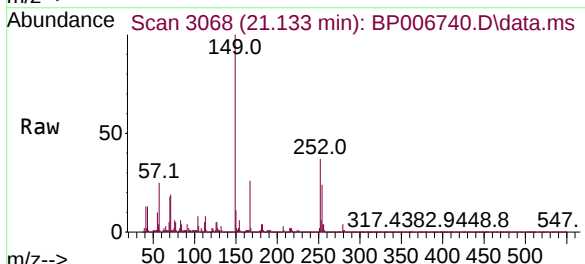
Instrument :  
BNA\_P  
ClientSampleId :  
PB138447BS

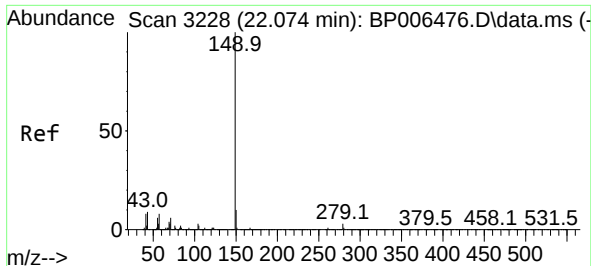
Tgt Ion:228 Resp: 2027569  
Ion Ratio Lower Upper  
228 100  
226 30.1 23.8 35.6  
229 19.7 15.4 23.2



#84  
Bis(2-ethylhexyl)phthalate  
Concen: 51.915 ng  
RT: 21.133 min Scan# 3068  
Delta R.T. 0.018 min  
Lab File: BP006740.D  
Acq: 18 Aug 2021 12:08

Tgt Ion:149 Resp: 1608435  
Ion Ratio Lower Upper  
149 100  
167 25.7 21.9 32.9  
279 3.7 4.3 6.5

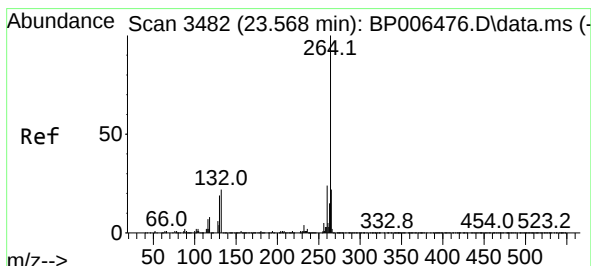
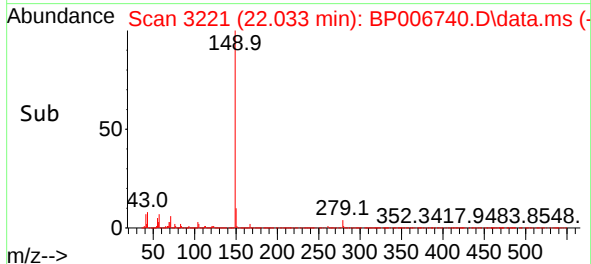
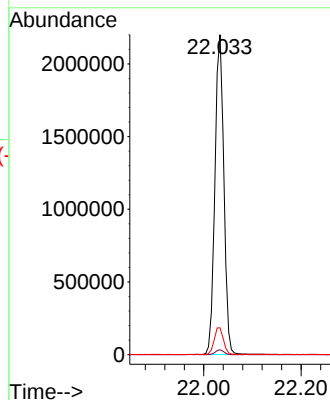
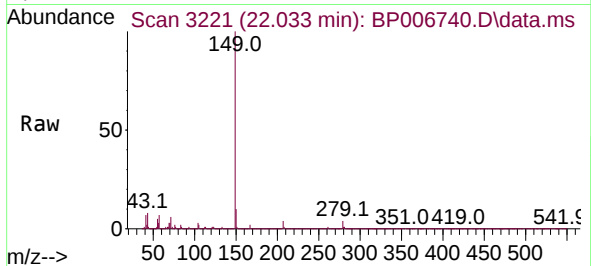




#85  
Di-n-octyl phthalate  
Concen: 54.413 ng  
RT: 22.033 min Scan# 3221  
Delta R.T. 0.018 min  
Lab File: BP006740.D  
Acq: 18 Aug 2021 12:08

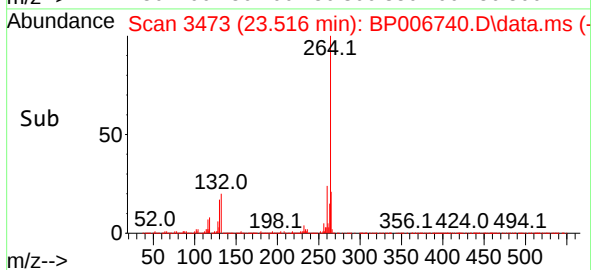
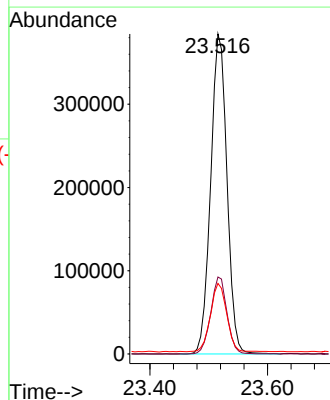
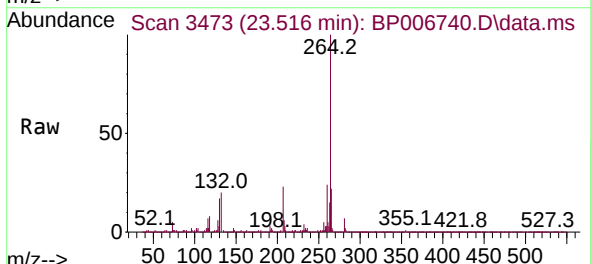
Instrument :  
BNA\_P  
ClientSampleId :  
PB138447BS

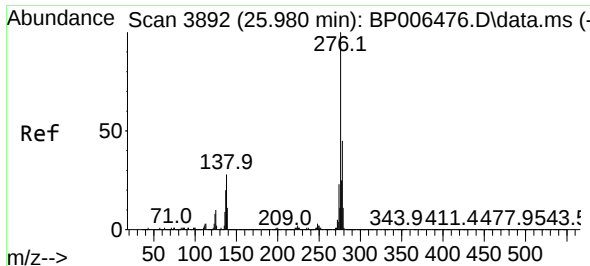
Tgt Ion:149 Resp: 2778618  
Ion Ratio Lower Upper  
149 100  
167 1.5 1.4 2.0  
43 8.7 5.6 8.4#



#86  
Perylene-d12  
Concen: 20.000 ng  
RT: 23.516 min Scan# 3473  
Delta R.T. 0.018 min  
Lab File: BP006740.D  
Acq: 18 Aug 2021 12:08

Tgt Ion:264 Resp: 740022  
Ion Ratio Lower Upper  
264 100  
260 24.0 18.6 28.0  
265 22.0 17.6 26.4

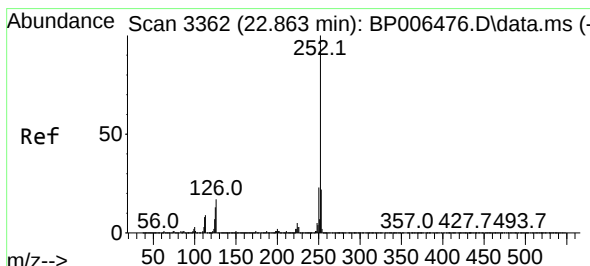
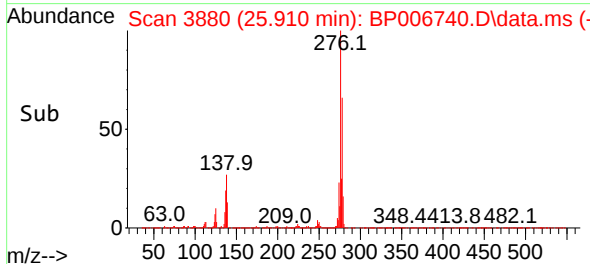
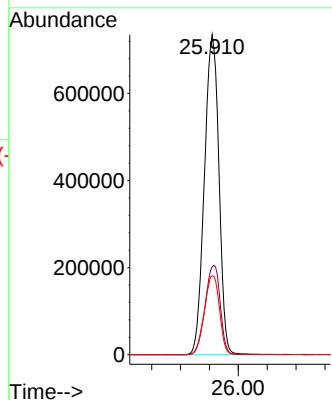
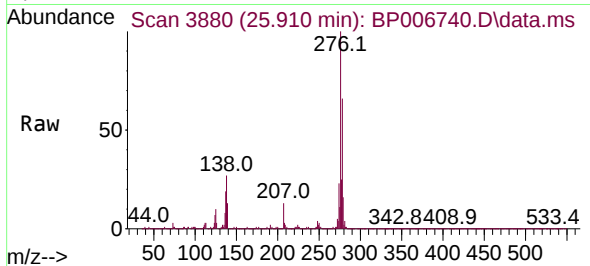




#87  
Indeno(1,2,3-cd)pyrene  
Concen: 47.873 ng  
RT: 25.910 min Scan# 3880  
Delta R.T. 0.036 min  
Lab File: BP006740.D  
Acq: 18 Aug 2021 12:08

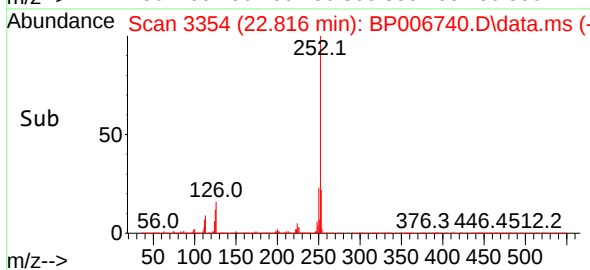
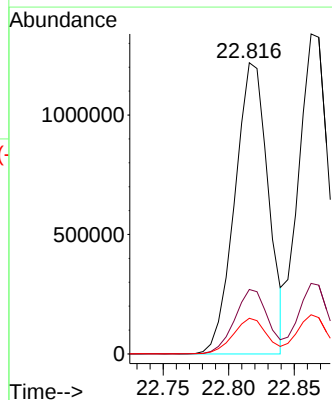
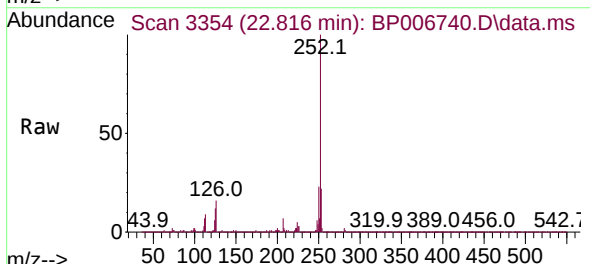
Instrument :  
BNA\_P  
ClientSampleId :  
PB138447BS

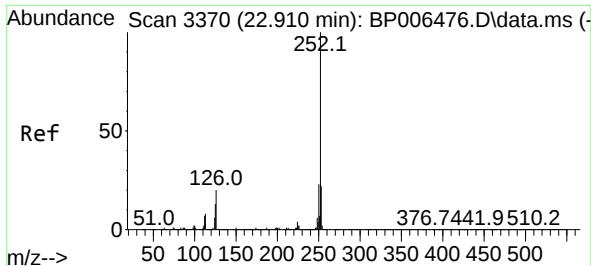
Tgt Ion:276 Resp: 2568842  
Ion Ratio Lower Upper  
276 100  
138 29.0 15.3 22.9#  
277 25.4 20.4 30.6



#88  
Benzo(b)fluoranthene  
Concen: 44.996 ng  
RT: 22.816 min Scan# 3354  
Delta R.T. 0.018 min  
Lab File: BP006740.D  
Acq: 18 Aug 2021 12:08

Tgt Ion:252 Resp: 2164135  
Ion Ratio Lower Upper  
252 100  
253 22.1 17.5 26.3  
125 12.3 6.2 9.4#

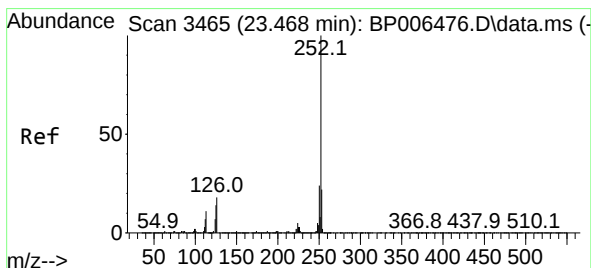
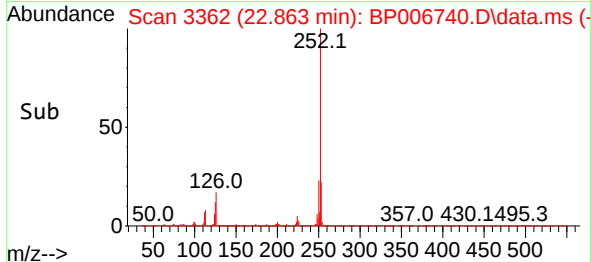
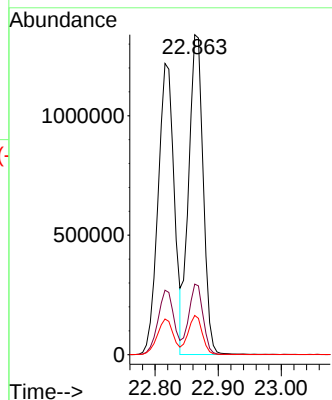
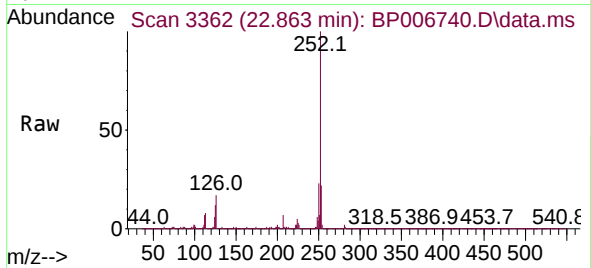




#89  
Benzo(k)fluoranthene  
Concen: 46.360 ng  
RT: 22.863 min Scan# 3362  
Delta R.T. 0.018 min  
Lab File: BP006740.D  
Acq: 18 Aug 2021 12:08

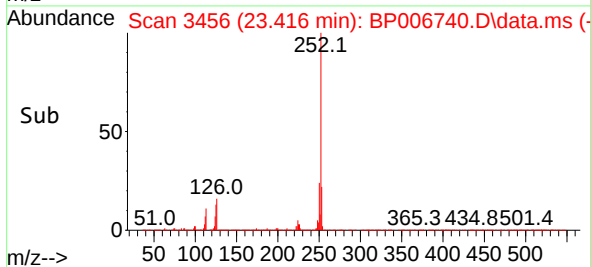
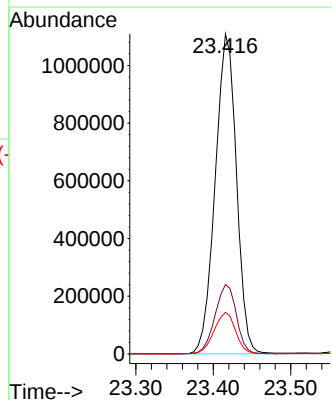
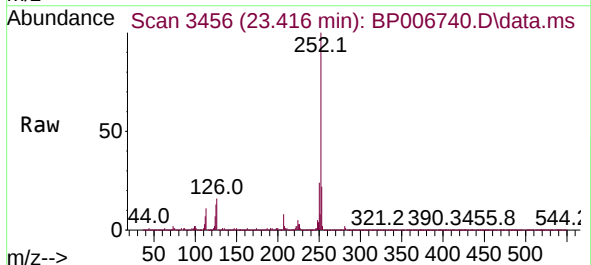
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BNA\_P  
ClientSampleId :  
PB138447BS

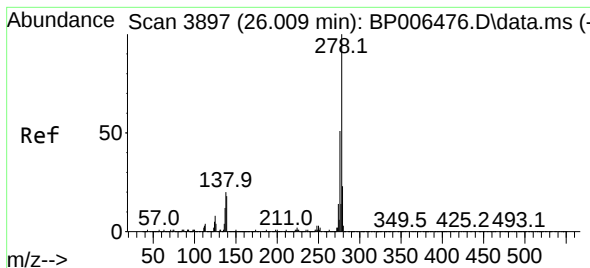
Tgt Ion:252 Resp: 2140778  
Ion Ratio Lower Upper  
252 100  
253 22.1 17.6 26.4  
125 12.2 6.0 9.0#



#90  
Benzo(a)pyrene  
Concen: 49.053 ng  
RT: 23.416 min Scan# 3456  
Delta R.T. 0.018 min  
Lab File: BP006740.D  
Acq: 18 Aug 2021 12:08

Tgt Ion:252 Resp: 2116105  
Ion Ratio Lower Upper  
252 100  
253 21.7 17.9 26.9  
125 13.0 6.5 9.7#





#91

Dibenzo(a,h)anthracene

Concen: 47.045 ng

RT: 25.927 min Scan# 3883

Delta R.T. 0.036 min

Lab File: BP006740.D

Acq: 18 Aug 2021 12:08

Instrument :

BNA\_P

ClientSampleId :

PB138447BS

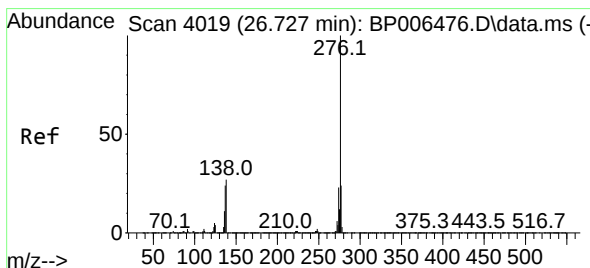
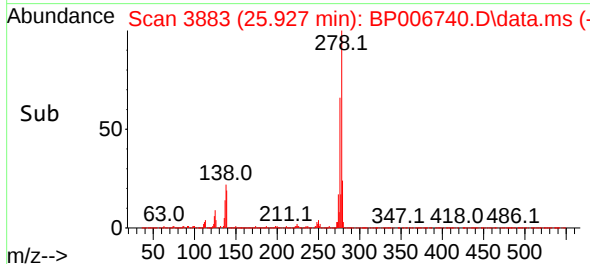
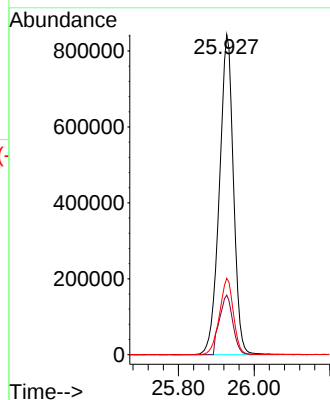
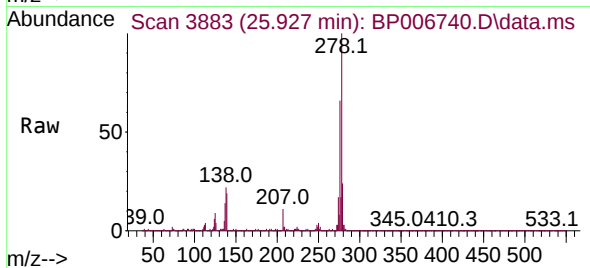
Tgt Ion:278 Resp: 2182603

Ion Ratio Lower Upper

278 100

139 18.6 9.3 13.9#

279 23.9 18.8 28.2



#92

Benzo(g,h,i)perylene

Concen: 48.296 ng

RT: 26.639 min Scan# 4004

Delta R.T. 0.036 min

Lab File: BP006740.D

Acq: 18 Aug 2021 12:08

Tgt Ion:276 Resp: 2147174

Ion Ratio Lower Upper

276 100

277 23.9 18.9 28.3

138 25.0 12.6 18.8#

