

Data Path : Z:\svoasrv\HPCHEM1\BNA\_P\Data\BP051521\  
 Data File : BP005566.D  
 Acq On : 15 May 2021 13:51  
 Operator : CG/JU  
 Sample : PB136199BSD  
 Misc :  
 ALS Vial : 5 Sample Multiplier: 1

Instrument :  
 BNA\_P  
 ClientSampleId :  
 PB136199BSD

Quant Time: May 16 02:43:57 2021  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_P\Methods\8270E-BP050521.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Fri May 14 12:01:17 2021  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc   | Units | Dev(Min) |
|-------------------------------|--------|------|----------|--------|-------|----------|
| -----                         |        |      |          |        |       |          |
| Internal Standards            |        |      |          |        |       |          |
| 1) 1,4-Dichlorobenzene-d4     | 7.669  | 152  | 12808    | 20.00  | ng    | 0.00     |
| 21) Naphthalene-d8            | 10.463 | 136  | 40408    | 20.00  | ng    | # 0.00   |
| 39) Acenaphthene-d10          | 14.327 | 164  | 30240    | 20.00  | ng    | 0.00     |
| 64) Phenanthrene-d10          | 17.086 | 188  | 72821    | 20.00  | ng    | # 0.00   |
| 76) Chrysene-d12              | 21.186 | 240  | 95333    | 20.00  | ng    | # 0.00   |
| 86) Perylene-d12              | 23.486 | 264  | 108744   | 20.00  | ng    | -0.01    |
| System Monitoring Compounds   |        |      |          |        |       |          |
| 5) 2-Fluorophenol             | 5.263  | 112  | 90553    | 135.68 | ng    | 0.00     |
| 7) Phenol-d6                  | 6.875  | 99   | 106226   | 127.65 | ng    | 0.00     |
| 23) Nitrobenzene-d5           | 8.840  | 82   | 88957    | 86.65  | ng    | -0.01    |
| 42) 2,4,6-Tribromophenol      | 15.833 | 330  | 100421   | 117.02 | ng    | 0.00     |
| 45) 2-Fluorobiphenyl          | 12.945 | 172  | 234476   | 87.47  | ng    | 0.00     |
| 79) Terphenyl-d14             | 19.657 | 244  | 490663   | 87.41  | ng    | 0.00     |
| Target Compounds              |        |      |          |        |       | Qvalue   |
| 2) 1,4-Dioxane                | 3.146  | 88   | 9548     | 36.30  | ng    | 94       |
| 3) Pyridine                   | 3.563  | 79   | 23983    | 40.58  | ng    | # 80     |
| 4) n-Nitrosodimethylamine     | 3.475  | 42   | 20345    | 42.81  | ng    | # 7      |
| 6) Aniline                    | 7.010  | 93   | 36365    | 40.49  | ng    | # 80     |
| 8) 2-Chlorophenol             | 7.245  | 128  | 31553    | 44.02  | ng    | 98       |
| 9) Benzaldehyde               | 6.822  | 77   | 23378    | 56.59  | ng    | # 74     |
| 10) Phenol                    | 6.898  | 94   | 37708    | 45.30  | ng    | # 51     |
| 11) bis(2-Chloroethyl)ether   | 7.110  | 93   | 24001    | 41.75  | ng    | 96       |
| 12) 1,3-Dichlorobenzene       | 7.557  | 146  | 38934    | 40.82  | ng    | # 85     |
| 13) 1,4-Dichlorobenzene       | 7.704  | 146  | 41055    | 43.19  | ng    | 95       |
| 14) 1,2-Dichlorobenzene       | 8.022  | 146  | 37756    | 41.44  | ng    | 96       |
| 15) Benzyl Alcohol            | 7.934  | 79   | 36968    | 46.05  | ng    | # 76     |
| 16) 2,2'-oxybis(1-Chloropr... | 8.198  | 45   | 12034    | 42.40  | ng    | 70       |
| 17) 2-Methylphenol            | 8.140  | 107  | 25053    | 43.83  | ng    | # 81     |
| 18) Hexachloroethane          | 8.734  | 117  | 16811    | 42.70  | ng    | # 83     |
| 19) n-Nitroso-di-n-propyla... | 8.487  | 70   | 25286    | 41.49  | ng    | 95       |
| 20) 3+4-Methylphenols         | 8.475  | 107  | 33069    | 43.52  | ng    | 85       |
| 22) Acetophenone              | 8.510  | 105  | 50608    | 44.40  | ng    | # 88     |
| 24) Nitrobenzene              | 8.887  | 77   | 41774    | 40.56  | ng    | # 89     |
| 25) Isophorone                | 9.410  | 82   | 63114    | 39.70  | ng    | # 93     |
| 26) 2-Nitrophenol             | 9.592  | 139  | 17766    | 41.20  | ng    | # 75     |
| 27) 2,4-Dimethylphenol        | 9.669  | 122  | 27150    | 47.57  | ng    | # 76     |
| 28) bis(2-Chloroethoxy)met... | 9.892  | 93   | 31713    | 47.65  | ng    | 100      |
| 29) 2,4-Dichlorophenol        | 10.139 | 162  | 37260    | 41.57  | ng    | 96       |
| 30) 1,2,4-Trichlorobenzene    | 10.328 | 180  | 47268    | 41.28  | ng    | 99       |
| 31) Naphthalene               | 10.516 | 128  | 92450    | 42.55  | ng    | 99       |
| 32) Benzoic acid              | 9.881  | 122  | 16851    | 38.22  | ng    | # 76     |
| 33) 4-Chloroaniline           | 10.651 | 127  | 16877    | 19.94  | ng    | # 90     |
| 34) Hexachlorobutadiene       | 10.786 | 225  | 39499    | 41.37  | ng    | 99       |
| 35) Caprolactam               | 11.463 | 113  | 3442     | 16.69  | ng    | # 82     |
| 36) 4-Chloro-3-methylphenol   | 11.798 | 107  | 34531    | 43.21  | ng    | 91       |
| 37) 2-Methylnaphthalene       | 12.133 | 142  | 72976    | 41.87  | ng    | 98       |
| 38) 1-Methylnaphthalene       | 12.357 | 142  | 67397    | 40.96  | ng    | 96       |
| 40) 1,2,4,5-Tetrachloroben... | 12.510 | 216  | 62355    | 44.88  | ng    | 97       |
| 41) Hexachlorocyclopentadiene | 12.475 | 237  | 53507    | 90.46  | ng    | 99       |
| 43) 2,4,6-Trichlorophenol     | 12.769 | 196  | 37846    | 43.60  | ng    | 91       |

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 ALS Vial : 5 Sample Multiplier: 1

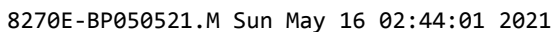
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 BNA\_P  
 ClientSampleId :  
 PB136199BSD

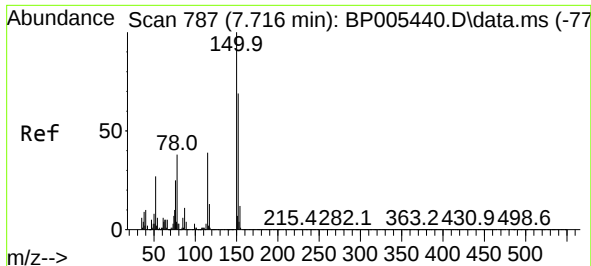
Quant Time: May 16 02:43:57 2021  
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 QLast Update : Fri May 14 12:01:17 2021  
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| Compound                      | R.T.   | QIon | Response | Conc  | Units | Dev(Min) |
|-------------------------------|--------|------|----------|-------|-------|----------|
| 44) 2,4,5-Trichlorophenol     | 12.851 | 196  | 39659    | 42.34 | ng    | 94       |
| 46) 1,1'-Biphenyl             | 13.157 | 154  | 104879   | 45.05 | ng    | 97       |
| 47) 2-Chloronaphthalene       | 13.198 | 162  | 83842    | 43.25 | ng    | 97       |
| 48) 2-Nitroaniline            | 13.428 | 65   | 25121    | 45.62 | ng    | 97       |
| 49) Acenaphthylene            | 14.045 | 152  | 122753   | 43.95 | ng    | 98       |
| 50) Dimethylphthalate         | 13.798 | 163  | 112561   | 43.12 | ng    | 98       |
| 51) 2,6-Dinitrotoluene        | 13.928 | 165  | 23410    | 39.94 | ng    | 98       |
| 52) Acenaphthene              | 14.392 | 154  | 72841    | 41.92 | ng    | 96       |
| 53) 3-Nitroaniline            | 14.263 | 138  | 11414    | 27.18 | ng    | 81       |
| 54) 2,4-Dinitrophenol         | 14.492 | 184  | 31770    | 89.85 | ng    | # 79     |
| 55) Dibenzofuran              | 14.727 | 168  | 135695   | 41.51 | ng    | 99       |
| 56) 4-Nitrophenol             | 14.610 | 139  | 24063    | 75.90 | ng    | # 87     |
| 57) 2,4-Dinitrotoluene        | 14.727 | 165  | 35558    | 41.14 | ng    | # 85     |
| 58) Fluorene                  | 15.380 | 166  | 109422   | 41.00 | ng    | 98       |
| 59) 2,3,4,6-Tetrachlorophenol | 14.886 | 232  | 35410    | 37.80 | ng    | 97       |
| 60) Diethylphthalate          | 15.163 | 149  | 109759   | 43.41 | ng    | 99       |
| 61) 4-Chlorophenyl-phenyle... | 15.374 | 204  | 72236    | 43.25 | ng    | 98       |
| 62) 4-Nitroaniline            | 15.433 | 138  | 16221    | 40.20 | ng    | 87       |
| 63) Azobenzene                | 15.669 | 77   | 110745   | 42.49 | ng    | 87       |
| 65) 4,6-Dinitro-2-methylph... | 15.498 | 198  | 22794    | 39.50 | ng    | 96       |
| 66) n-Nitrosodiphenylamine    | 15.598 | 169  | 93634    | 44.06 | ng    | 93       |
| 67) 4-Bromophenyl-phenylether | 16.274 | 248  | 51310    | 45.14 | ng    | 98       |
| 68) Hexachlorobenzene         | 16.386 | 284  | 62331    | 43.24 | ng    | 99       |
| 69) Atrazine                  | 16.563 | 200  | 46934    | 47.28 | ng    | 95       |
| 70) Pentachlorophenol         | 16.745 | 266  | 59161    | 77.35 | ng    | 95       |
| 71) Phenanthrene              | 17.127 | 178  | 176409   | 42.63 | ng    | 99       |
| 72) Anthracene                | 17.221 | 178  | 183081   | 44.58 | ng    | 98       |
| 73) Carbazole                 | 17.504 | 167  | 144739   | 40.02 | ng    | 99       |
| 74) Di-n-butylphthalate       | 18.051 | 149  | 171244   | 43.14 | ng    | # 96     |
| 75) Fluoranthene              | 19.110 | 202  | 229743   | 40.37 | ng    | 97       |
| 77) Benzidine                 | 19.298 | 184  | 129526   | 87.78 | ng    | 100      |
| 78) Pyrene                    | 19.462 | 202  | 232788   | 43.13 | ng    | 99       |
| 80) Butylbenzylphthalate      | 20.339 | 149  | 77147    | 44.24 | ng    | 90       |
| 81) Benzo(a)anthracene        | 21.174 | 228  | 257269   | 41.65 | ng    | 98       |
| 82) 3,3'-Dichlorobenzidine    | 21.109 | 252  | 80170    | 34.44 | ng    | # 95     |
| 83) Chrysene                  | 21.227 | 228  | 253007   | 42.25 | ng    | 98       |
| 84) Bis(2-ethylhexyl)phtha... | 21.092 | 149  | 117710   | 44.14 | ng    | 98       |
| 85) Di-n-octyl phthalate      | 21.980 | 149  | 204821   | 45.73 | ng    | # 91     |
| 87) Indeno(1,2,3-cd)pyrene    | 25.892 | 276  | 452993   | 49.52 | ng    | # 96     |
| 88) Benzo(b)fluoranthene      | 22.792 | 252  | 307333   | 42.41 | ng    | # 97     |
| 89) Benzo(k)fluoranthene      | 22.833 | 252  | 311501   | 43.96 | ng    | # 98     |
| 90) Benzo(a)pyrene            | 23.386 | 252  | 303818   | 45.74 | ng    | # 99     |
| 91) Dibenzo(a,h)anthracene    | 25.897 | 278  | 386557   | 47.89 | ng    | # 96     |
| 92) Benzo(g,h,i)perylene      | 26.627 | 276  | 366717   | 49.10 | ng    | # 96     |

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

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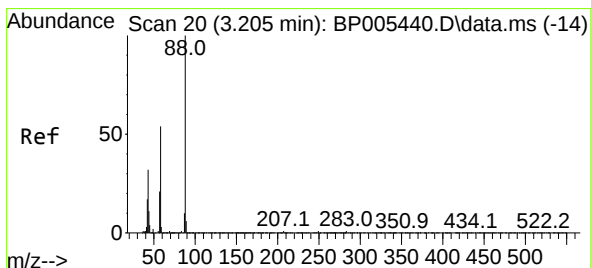
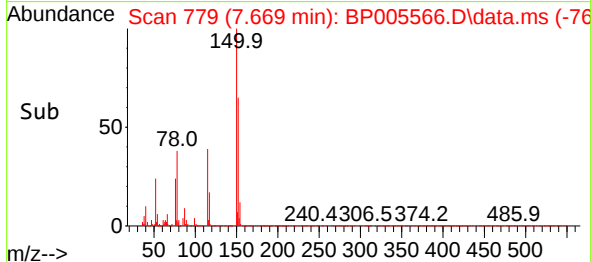
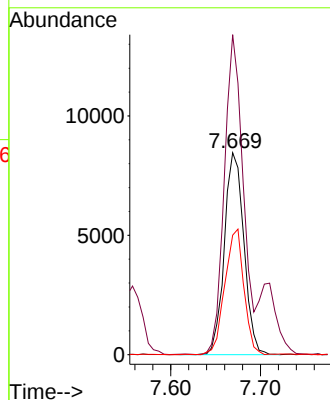
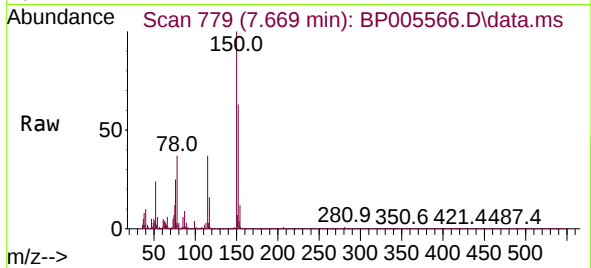




#1  
1,4-Dichlorobenzene-d4  
Concen: 20.00 ng  
RT: 7.669 min Scan# 779  
Delta R.T. -0.006 min  
Lab File: BP005566.D  
Acq: 15 May 2021 13:51

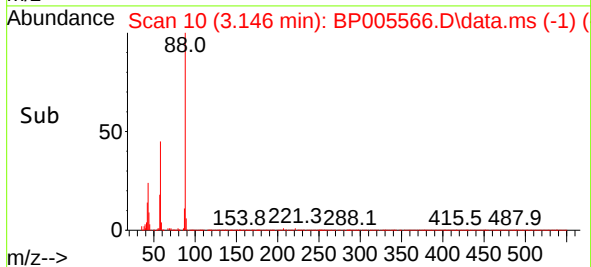
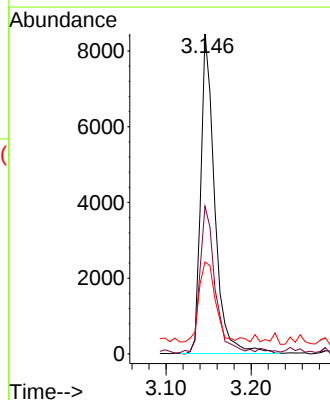
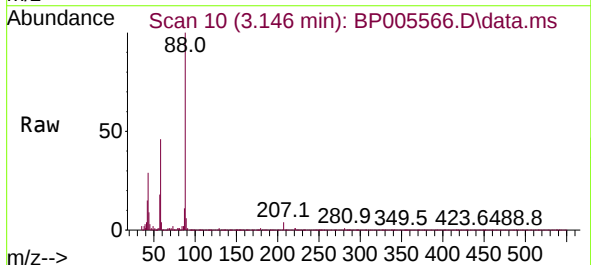
Instrument :  
BNA\_P  
ClientSampleId :  
PB136199BSD

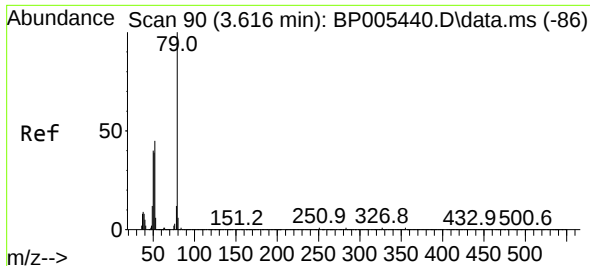
Tgt Ion:152 Resp: 12808  
Ion Ratio Lower Upper  
152 100  
150 158.4 119.8 179.8  
115 59.2 49.0 73.4



#2  
1,4-Dioxane  
Concen: 36.30 ng  
RT: 3.146 min Scan# 10  
Delta R.T. -0.012 min  
Lab File: BP005566.D  
Acq: 15 May 2021 13:51

Tgt Ion: 88 Resp: 9548  
Ion Ratio Lower Upper  
88 100  
58 49.5 42.5 63.7  
43 29.4 19.8 29.8

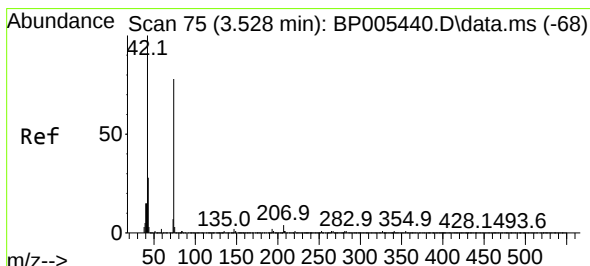
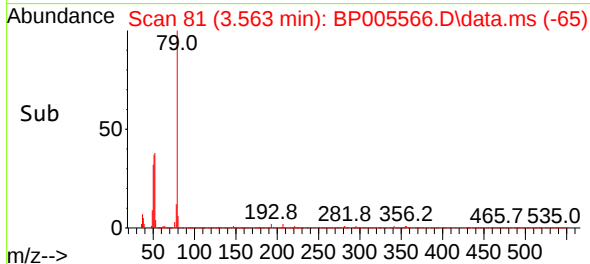
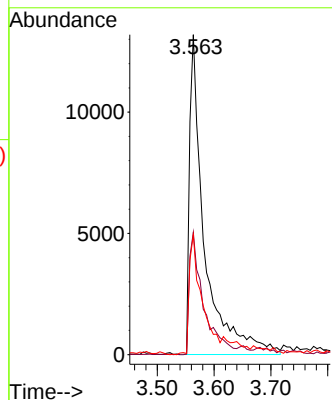
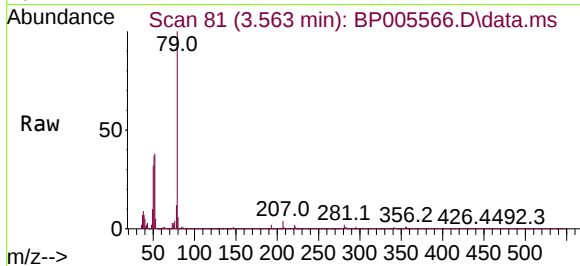




#3  
Pyridine  
Concen: 40.58 ng  
RT: 3.563 min Scan# 81  
Delta R.T. -0.006 min  
Lab File: BP005566.D  
Acq: 15 May 2021 13:51

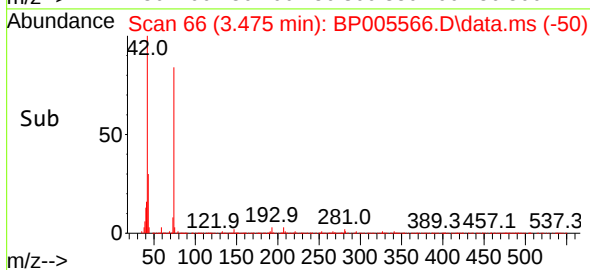
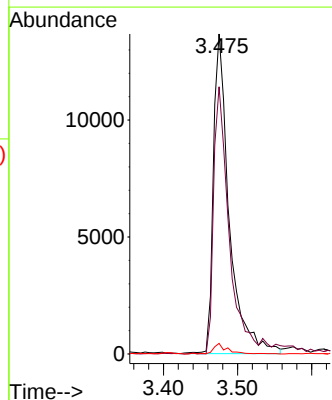
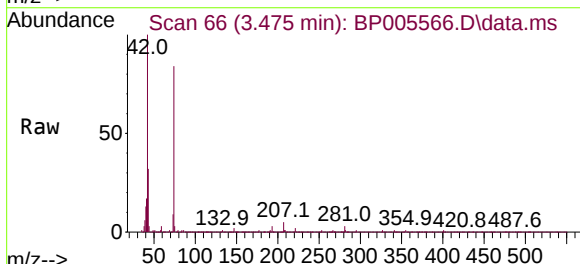
Instrument :  
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ClientSampleId :  
PB136199BSD

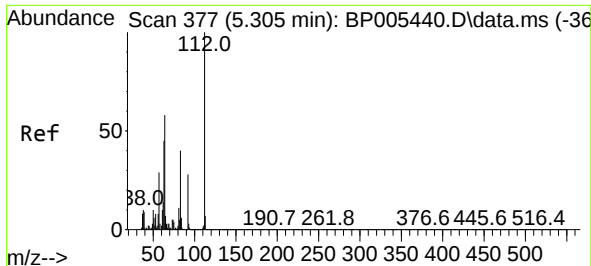
Tgt Ion: 79 Resp: 23983  
Ion Ratio Lower Upper  
79 100  
52 38.2 40.3 60.5#  
51 37.5 20.0 30.0#



#4  
n-Nitrosodimethylamine  
Concen: 42.81 ng  
RT: 3.475 min Scan# 66  
Delta R.T. -0.006 min  
Lab File: BP005566.D  
Acq: 15 May 2021 13:51

Tgt Ion: 42 Resp: 20345  
Ion Ratio Lower Upper  
42 100  
74 83.5 122.6 183.8#  
44 3.3 146.9 220.3#

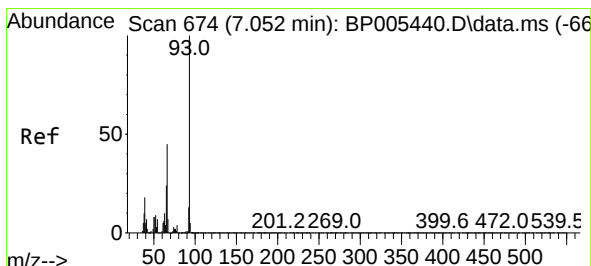
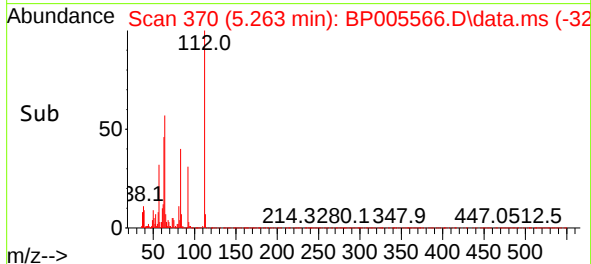
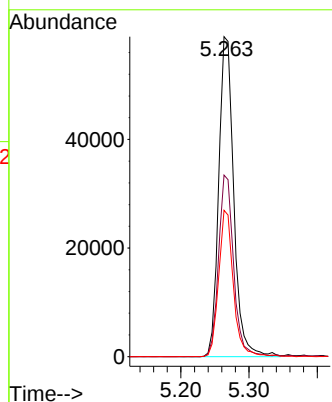
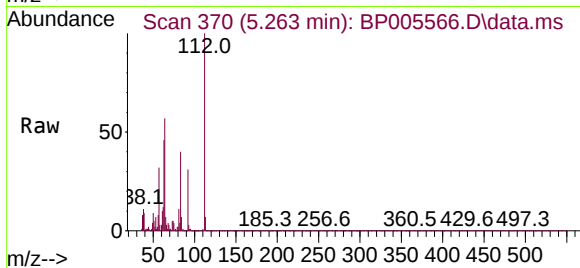




#5  
2-Fluorophenol  
Concen: 135.68 ng  
RT: 5.263 min Scan# 370  
Delta R.T. -0.006 min  
Lab File: BP005566.D  
Acq: 15 May 2021 13:51

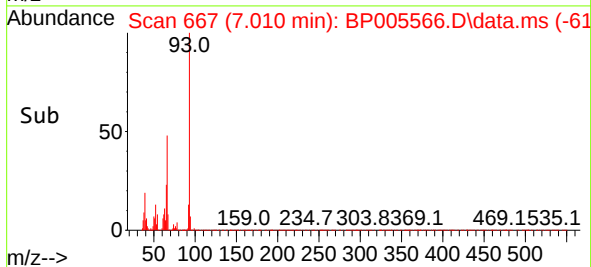
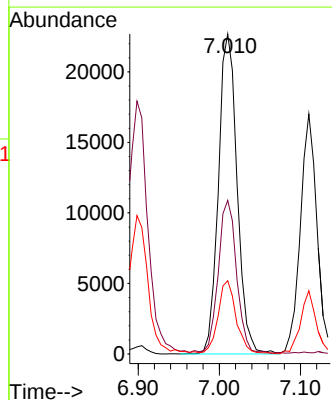
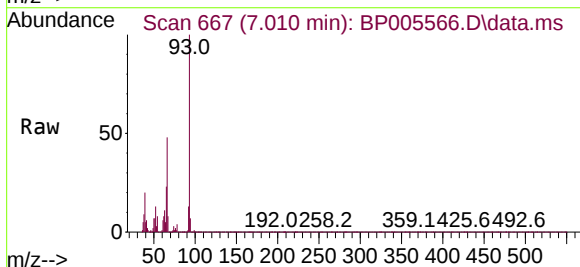
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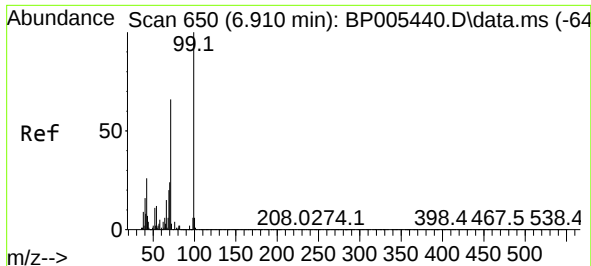
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Ion Ratio Lower Upper  
112 100  
64 56.8 33.6 50.4#  
63 45.8 18.6 27.8#



#6  
Aniline  
Concen: 40.49 ng  
RT: 7.010 min Scan# 667  
Delta R.T. -0.006 min  
Lab File: BP005566.D  
Acq: 15 May 2021 13:51

Tgt Ion: 93 Resp: 36365  
Ion Ratio Lower Upper  
93 100  
66 48.0 27.0 40.4#  
65 22.9 14.4 21.6#

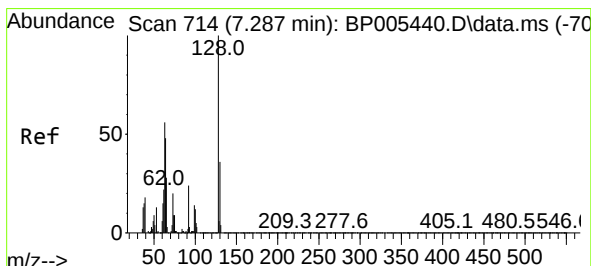
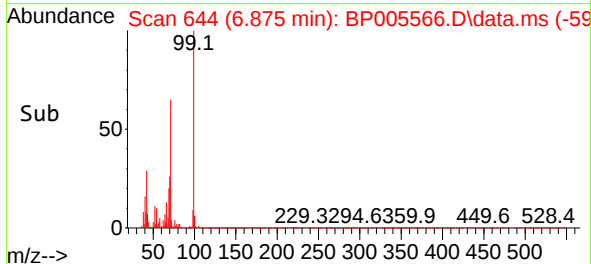
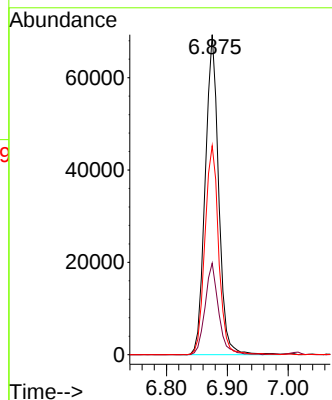
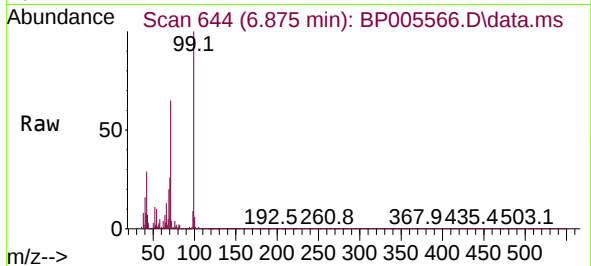




#7  
Phenol-d6  
Concen: 127.65 ng  
RT: 6.875 min Scan# 644  
Delta R.T. -0.006 min  
Lab File: BP005566.D  
Acq: 15 May 2021 13:51

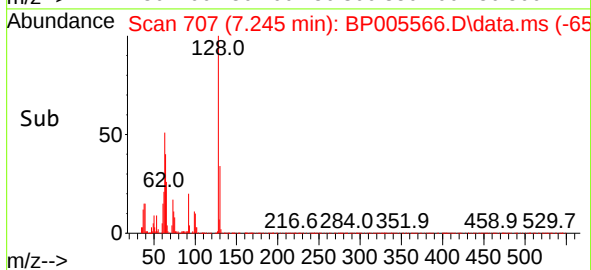
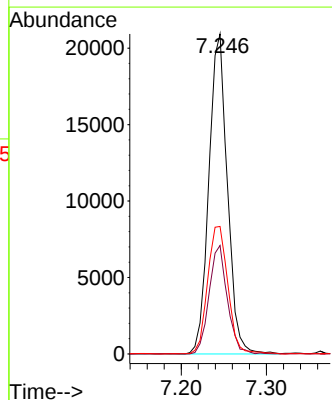
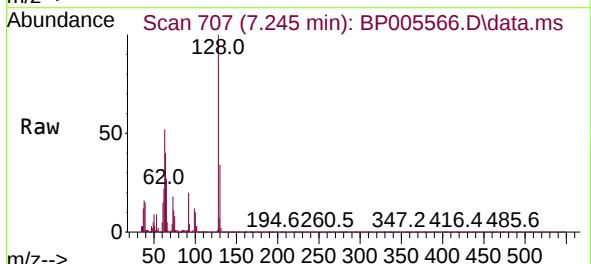
Instrument :  
BNA\_P  
ClientSampleId :  
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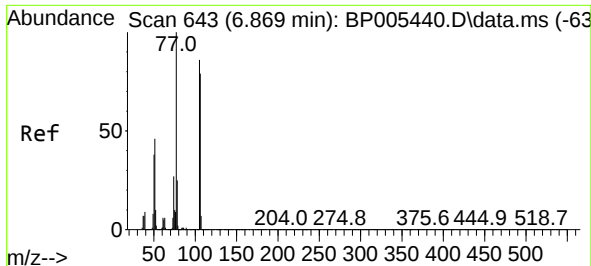
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Ion Ratio Lower Upper  
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42 28.6 12.9 19.3#  
71 65.3 26.7 40.1#



#8  
2-Chlorophenol  
Concen: 44.02 ng  
RT: 7.245 min Scan# 707  
Delta R.T. -0.006 min  
Lab File: BP005566.D  
Acq: 15 May 2021 13:51

Tgt Ion: 128 Resp: 31553  
Ion Ratio Lower Upper  
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130 33.9 14.1 54.1  
64 39.9 17.2 57.2

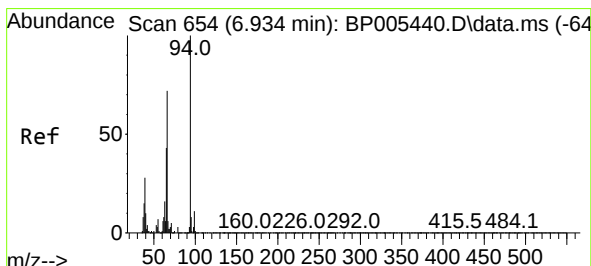
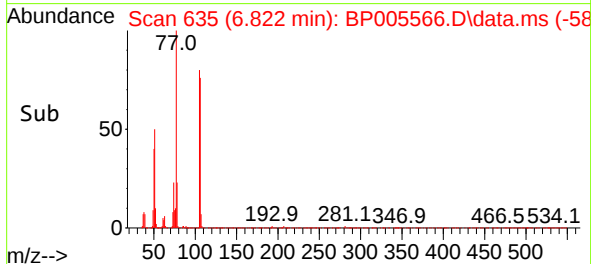
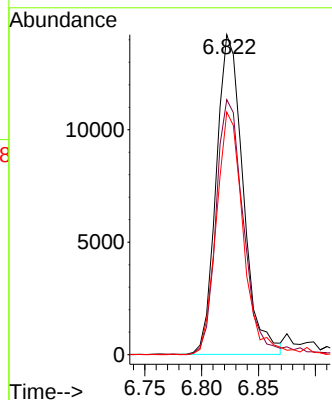
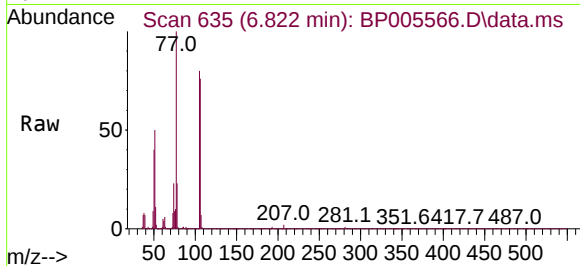




#9  
Benzaldehyde  
Concen: 56.59 ng  
RT: 6.822 min Scan# 635  
Delta R.T. -0.006 min  
Lab File: BP005566.D  
Acq: 15 May 2021 13:51

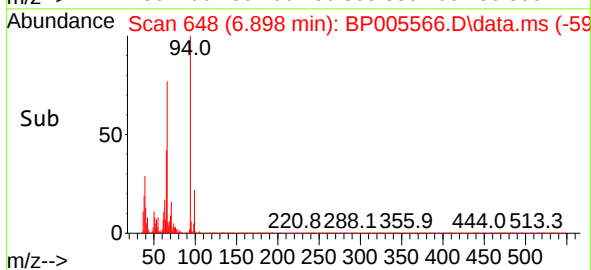
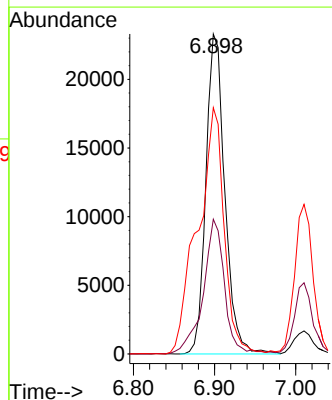
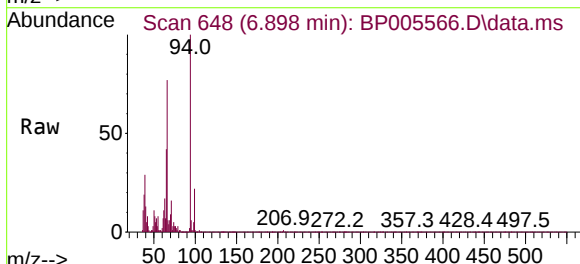
Instrument :  
BNA\_P  
ClientSampleId :  
PB136199BSD

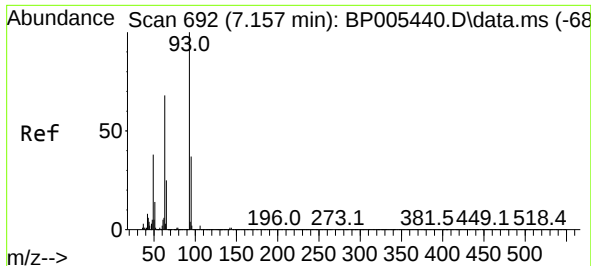
Tgt Ion: 77 Resp: 23378  
Ion Ratio Lower Upper  
77 100  
105 79.7 89.4 129.4#  
106 75.8 79.9 119.9#



#10  
Phenol  
Concen: 45.30 ng  
RT: 6.898 min Scan# 648  
Delta R.T. -0.006 min  
Lab File: BP005566.D  
Acq: 15 May 2021 13:51

Tgt Ion: 94 Resp: 37708  
Ion Ratio Lower Upper  
94 100  
65 42.1 8.0 48.0  
66 76.9 17.3 57.3#

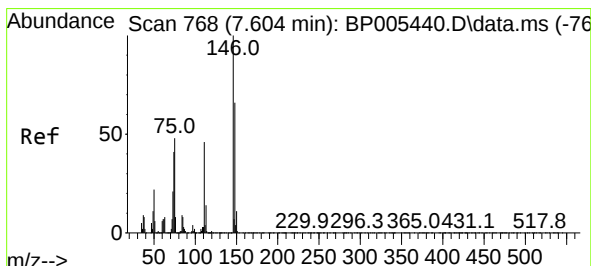
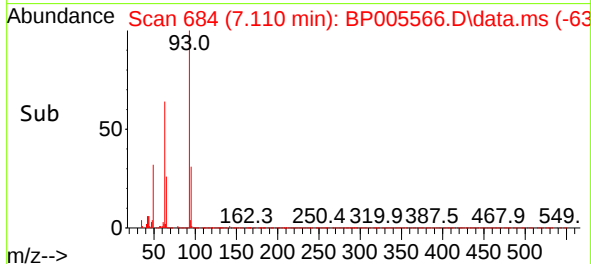
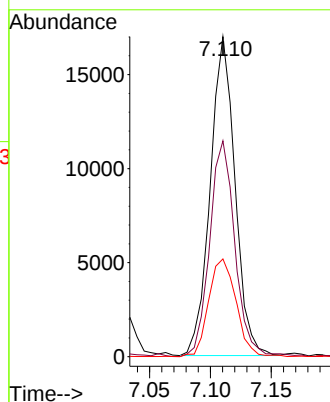
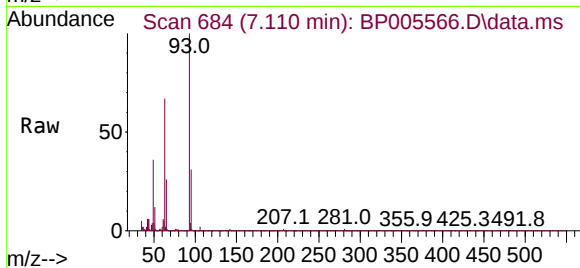




#11  
bis(2-Chloroethyl)ether  
Concen: 41.75 ng  
RT: 7.110 min Scan# 684  
Delta R.T. -0.006 min  
Lab File: BP005566.D  
Acq: 15 May 2021 13:51

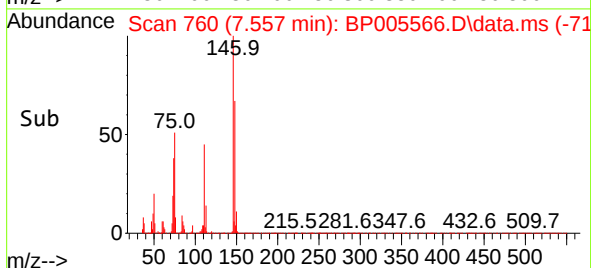
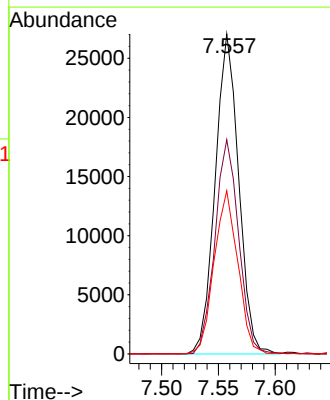
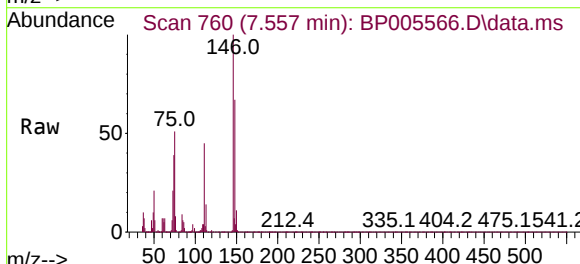
Instrument :  
BNA\_P  
ClientSampleId :  
PB136199BSD

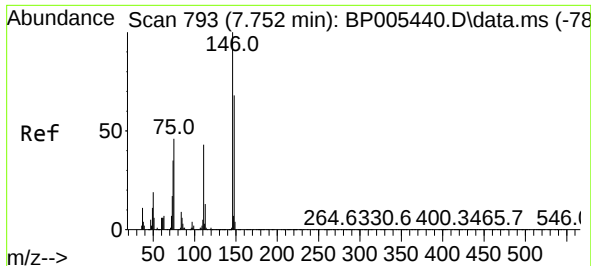
|             |       |             |
|-------------|-------|-------------|
| Tgt Ion: 93 | Resp: | 24001       |
| Ion         | Ratio | Lower Upper |
| 93          | 100   |             |
| 63          | 67.5  | 49.6 89.6   |
| 95          | 30.5  | 14.4 54.4   |



#12  
1,3-Dichlorobenzene  
Concen: 40.82 ng  
RT: 7.557 min Scan# 760  
Delta R.T. -0.006 min  
Lab File: BP005566.D  
Acq: 15 May 2021 13:51

|              |       |             |
|--------------|-------|-------------|
| Tgt Ion: 146 | Resp: | 38934       |
| Ion          | Ratio | Lower Upper |
| 146          | 100   |             |
| 148          | 66.9  | 51.4 77.0   |
| 75           | 51.0  | 23.9 35.9   |

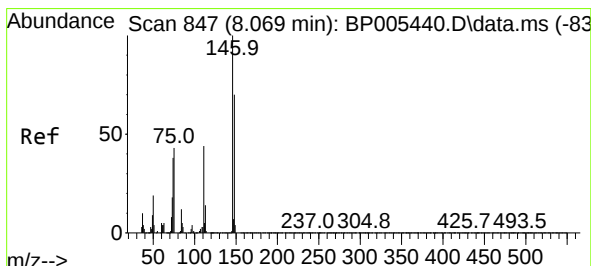
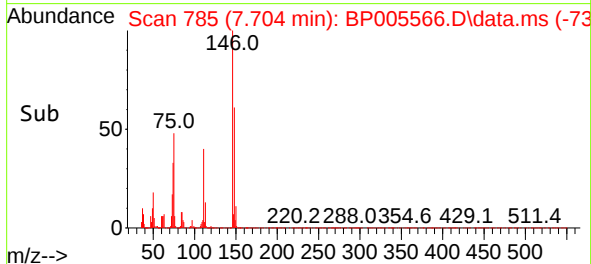
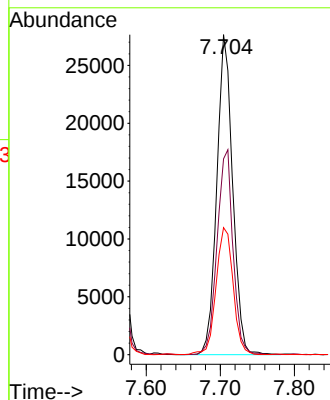
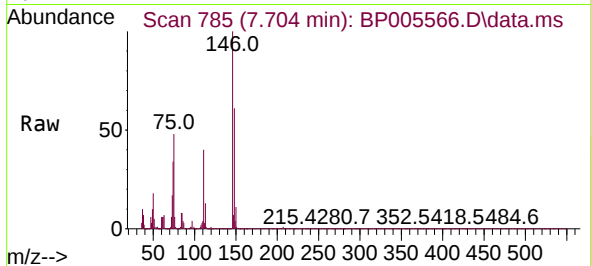




#13  
1,4-Dichlorobenzene  
Concen: 43.19 ng  
RT: 7.704 min Scan# 785  
Delta R.T. -0.006 min  
Lab File: BP005566.D  
Acq: 15 May 2021 13:51

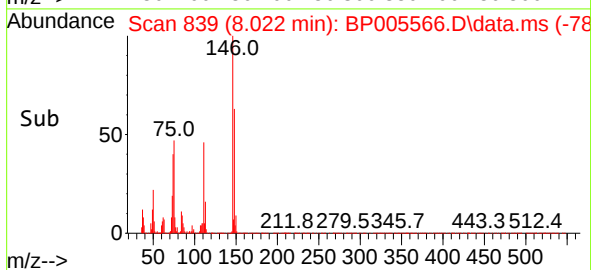
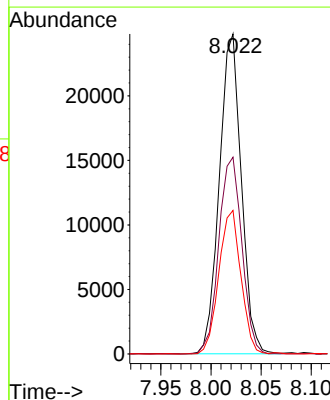
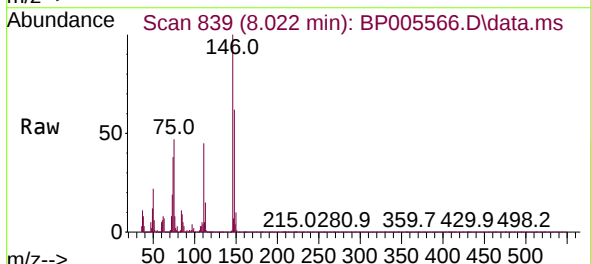
Instrument :  
BNA\_P  
ClientSampleId :  
PB136199BSD

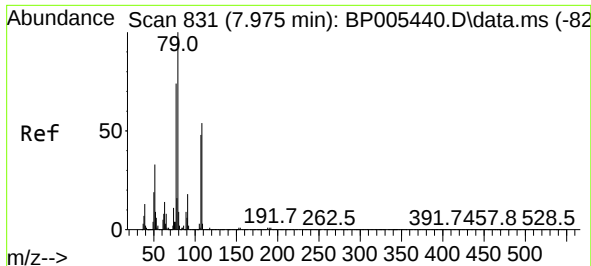
|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 146   | Resp: | 41055 |
| Ion Ratio | Lower | Upper |       |
| 146       | 100   |       |       |
| 148       | 61.2  | 52.2  | 78.4  |
| 111       | 39.7  | 34.2  | 51.4  |



#14  
1,2-Dichlorobenzene  
Concen: 41.44 ng  
RT: 8.022 min Scan# 839  
Delta R.T. -0.006 min  
Lab File: BP005566.D  
Acq: 15 May 2021 13:51

|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 146   | Resp: | 37756 |
| Ion Ratio | Lower | Upper |       |
| 146       | 100   |       |       |
| 148       | 61.5  | 51.5  | 77.3  |
| 111       | 44.8  | 34.0  | 51.0  |

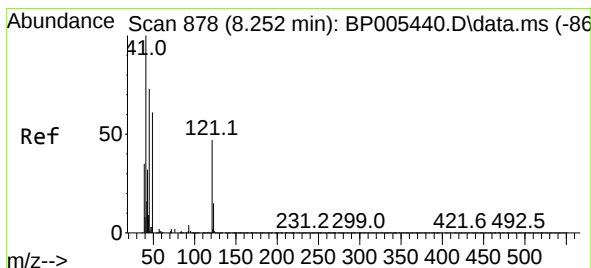
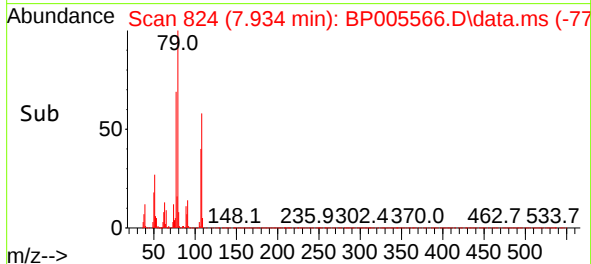
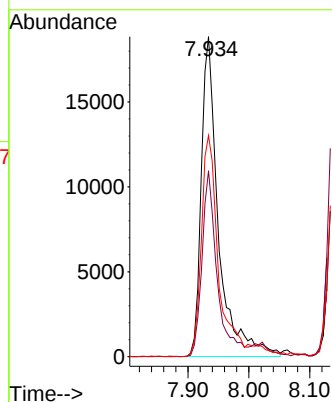
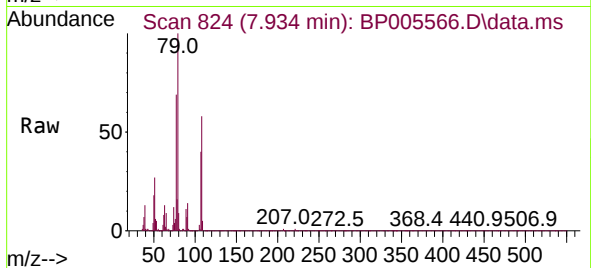




#15  
Benzyl Alcohol  
Concen: 46.05 ng  
RT: 7.934 min Scan# 824  
Delta R.T. -0.006 min  
Lab File: BP005566.D  
Acq: 15 May 2021 13:51

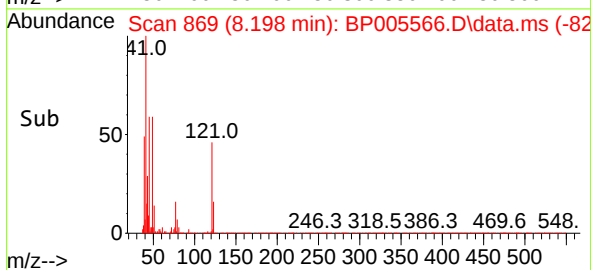
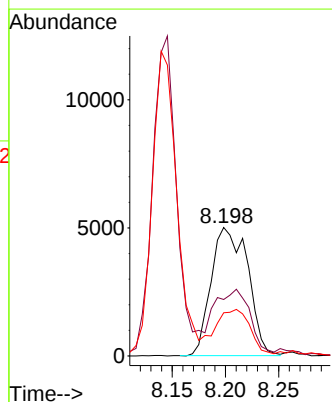
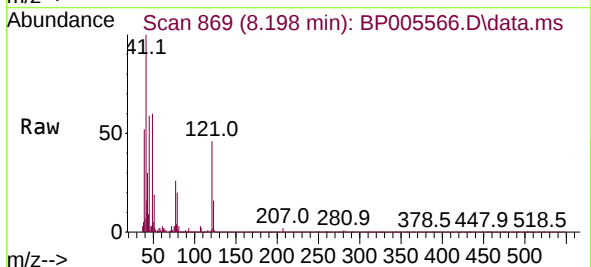
Instrument :  
BNA\_P  
ClientSampleId :  
PB136199BSD

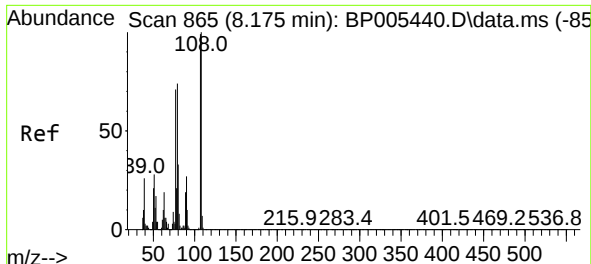
Tgt Ion: 79 Resp: 36968  
Ion Ratio Lower Upper  
79 100  
108 58.1 64.0 96.0#  
77 69.1 72.7 109.1#



#16  
2,2'-oxybis(1-Chloropropane)  
Concen: 42.40 ng  
RT: 8.198 min Scan# 869  
Delta R.T. -0.012 min  
Lab File: BP005566.D  
Acq: 15 May 2021 13:51

Tgt Ion: 45 Resp: 12034  
Ion Ratio Lower Upper  
45 100  
77 43.9 7.0 47.0  
79 33.6 1.0 41.0

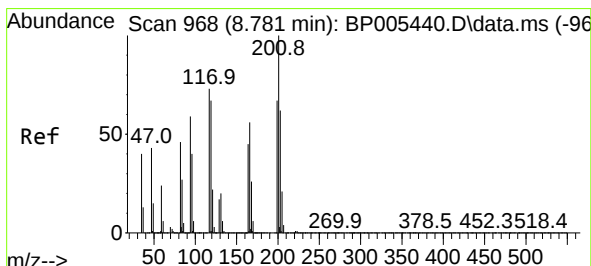
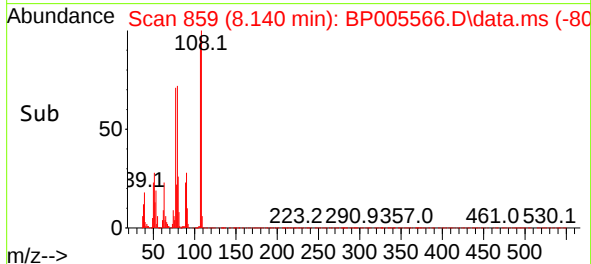
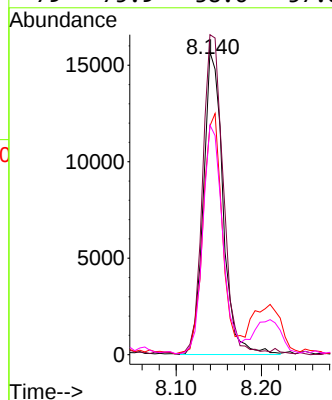
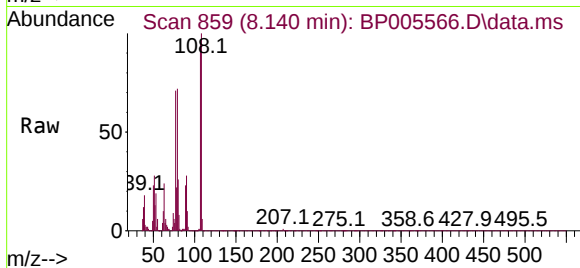




#17  
2-Methylphenol  
Concen: 43.83 ng  
RT: 8.140 min Scan# 859  
Delta R.T. -0.006 min  
Lab File: BP005566.D  
Acq: 15 May 2021 13:51

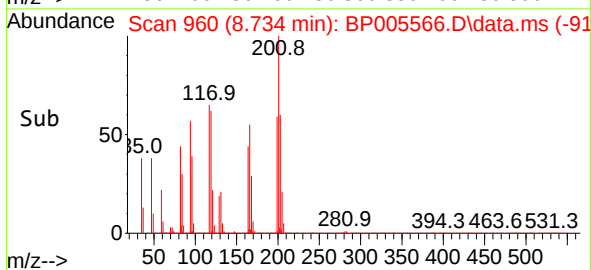
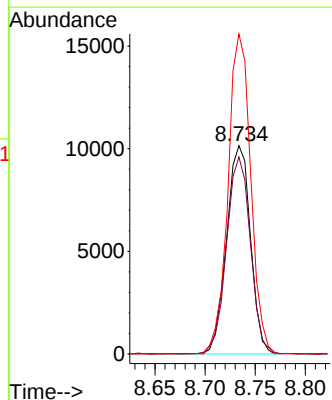
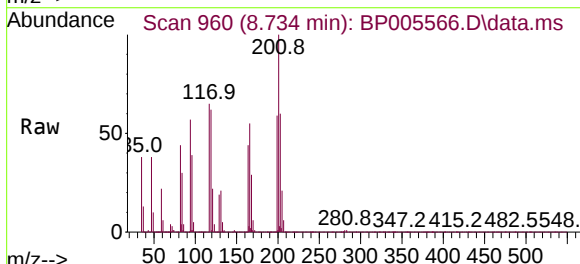
Instrument :  
BNA\_P  
ClientSampleId :  
PB136199BSD

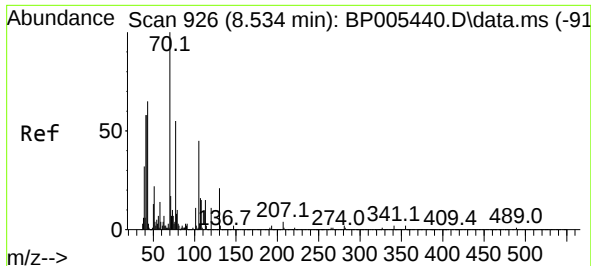
|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 107   | Resp: | 25053 |
| Ion Ratio | Lower | Upper |       |
| 107       | 100   |       |       |
| 108       | 105.7 | 85.8  | 128.8 |
| 77        | 75.6  | 41.4  | 62.0# |
| 79        | 75.9  | 38.6  | 57.8# |



#18  
Hexachloroethane  
Concen: 42.70 ng  
RT: 8.734 min Scan# 960  
Delta R.T. -0.006 min  
Lab File: BP005566.D  
Acq: 15 May 2021 13:51

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 117   | Resp: | 16811  |
| Ion Ratio | Lower | Upper |        |
| 117       | 100   |       |        |
| 119       | 94.6  | 80.1  | 120.1  |
| 201       | 153.6 | 98.8  | 148.2# |

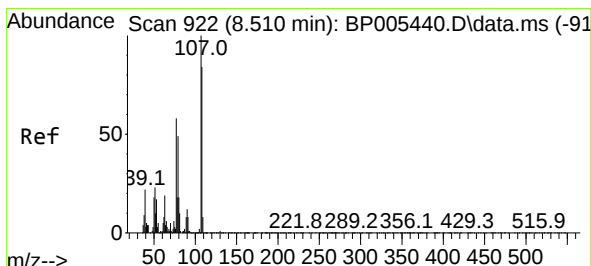
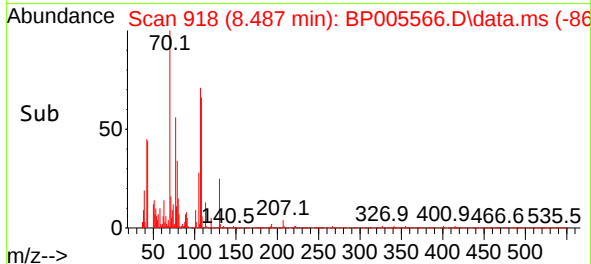
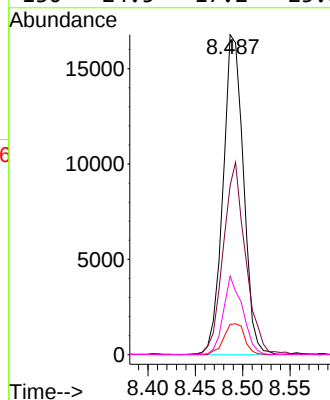
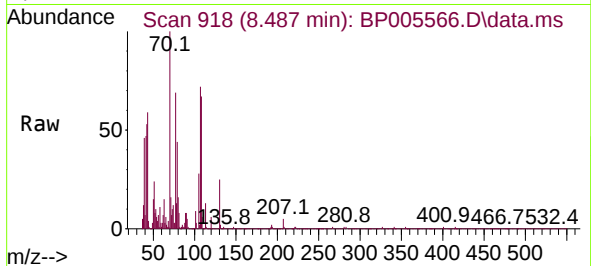




#19  
n-Nitroso-di-n-propylamine  
Concen: 41.49 ng  
RT: 8.487 min Scan# 918  
Delta R.T. -0.012 min  
Lab File: BP005566.D  
Acq: 15 May 2021 13:51

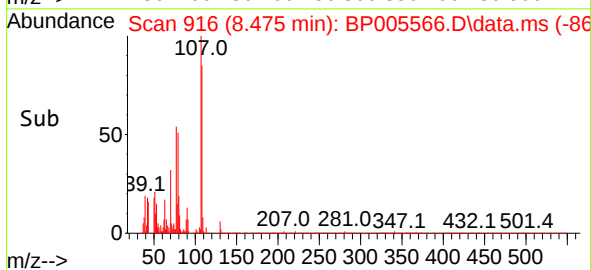
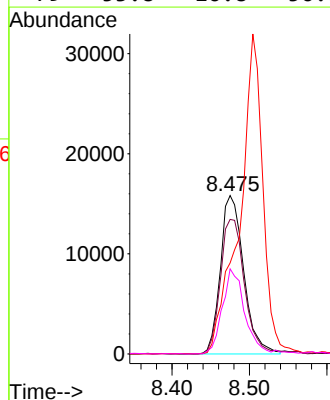
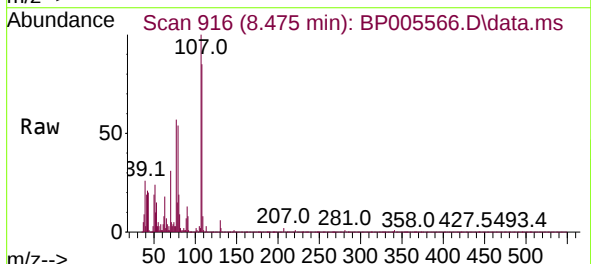
Instrument :  
BNA\_P  
ClientSampleId :  
PB136199BSD

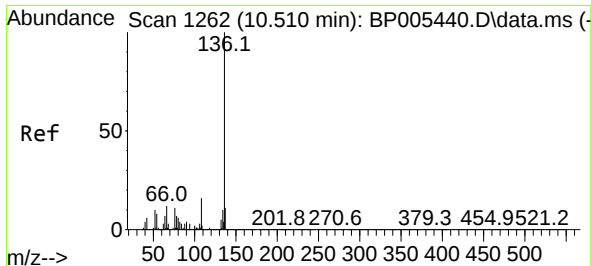
|             |             |
|-------------|-------------|
| Tgt Ion: 70 | Resp: 25286 |
| Ion Ratio   | Lower Upper |
| 70 100      |             |
| 42 52.9     | 39.7 59.5   |
| 101 9.5     | 7.4 11.0    |
| 130 24.5    | 17.2 25.8   |



#20  
3+4-Methylphenols  
Concen: 43.52 ng  
RT: 8.475 min Scan# 916  
Delta R.T. -0.006 min  
Lab File: BP005566.D  
Acq: 15 May 2021 13:51

|              |             |
|--------------|-------------|
| Tgt Ion: 107 | Resp: 33069 |
| Ion Ratio    | Lower Upper |
| 107 100      |             |
| 108 85.0     | 69.5 109.5  |
| 77 57.5      | 21.5 61.5   |
| 79 53.8      | 16.8 56.8   |

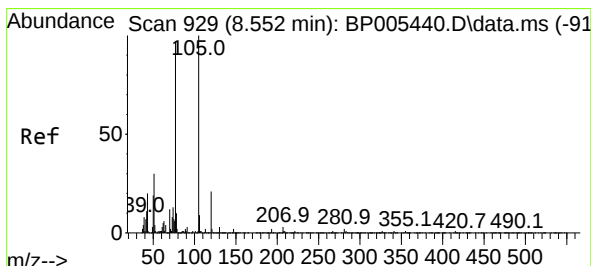
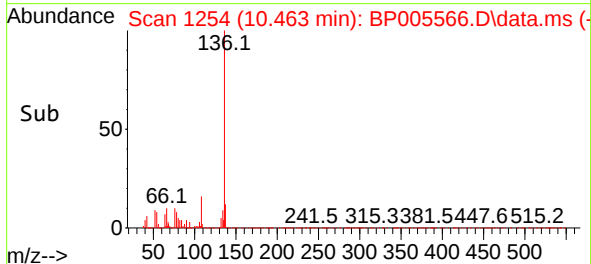
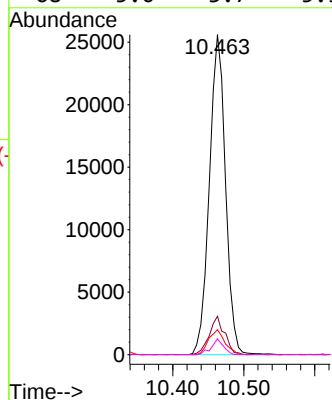
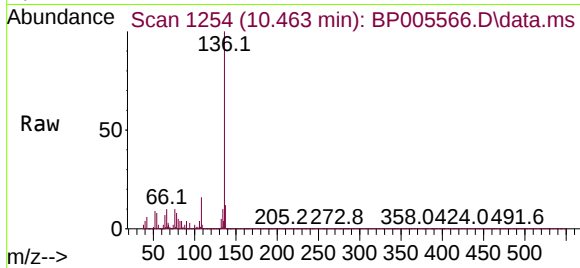




#21  
Naphthalene-d8  
Concen: 20.00 ng  
RT: 10.463 min Scan# 1254  
Delta R.T. -0.006 min  
Lab File: BP005566.D  
Acq: 15 May 2021 13:51

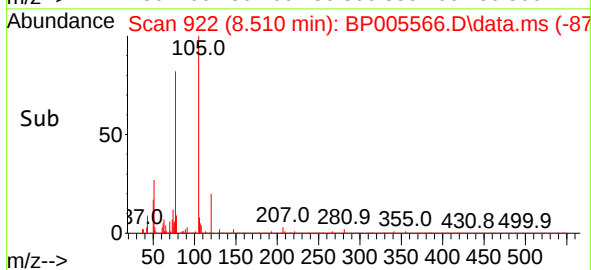
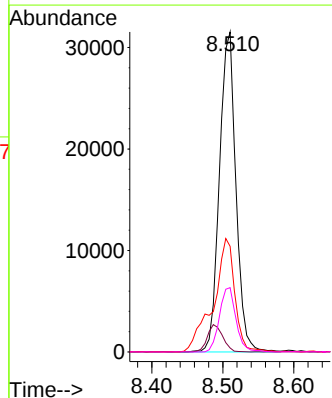
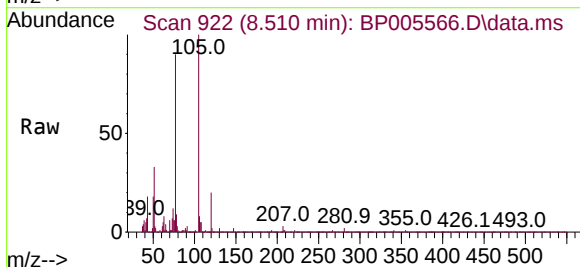
Instrument :  
BNA\_P  
ClientSampleId :  
PB136199BSD

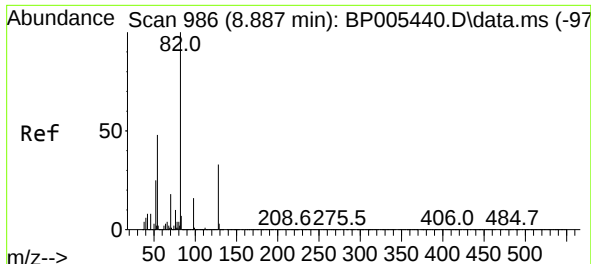
|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 136   | Resp: | 40408 |
| Ion Ratio | Lower | Upper |       |
| 136       | 100   |       |       |
| 137       | 12.0  | 8.9   | 13.3  |
| 54        | 7.8   | 5.0   | 7.4#  |
| 68        | 5.0   | 3.7   | 5.5   |



#22  
Acetophenone  
Concen: 44.40 ng  
RT: 8.510 min Scan# 922  
Delta R.T. -0.000 min  
Lab File: BP005566.D  
Acq: 15 May 2021 13:51

|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 105   | Resp: | 50608 |
| Ion Ratio | Lower | Upper |       |
| 105       | 100   |       |       |
| 71        | 1.2   | 0.9   | 1.3   |
| 51        | 33.0  | 18.2  | 27.2# |
| 120       | 20.1  | 17.0  | 25.6  |

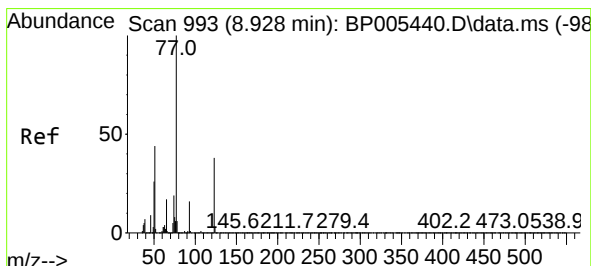
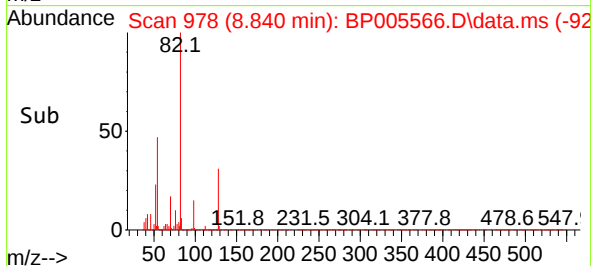
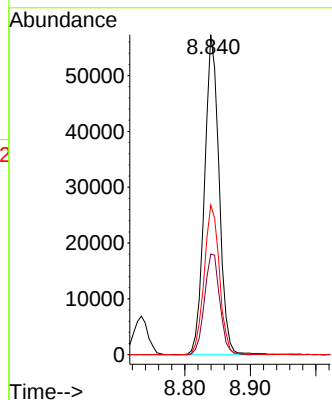
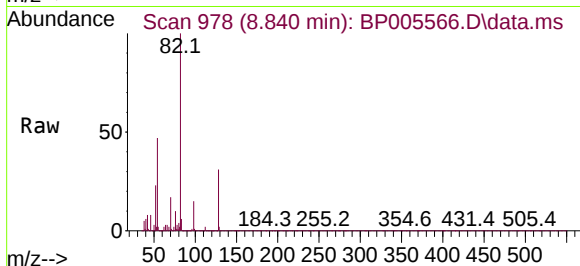




#23  
Nitrobenzene-d5  
Concen: 86.65 ng  
RT: 8.840 min Scan# 978  
Delta R.T. -0.012 min  
Lab File: BP005566.D  
Acq: 15 May 2021 13:51

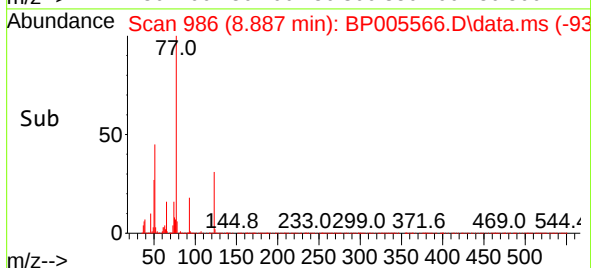
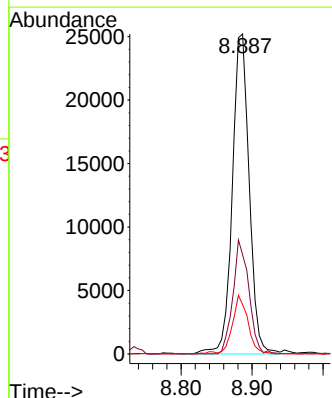
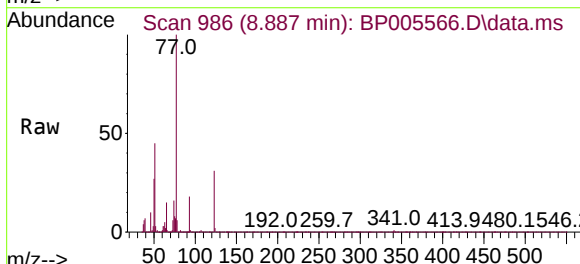
Instrument :  
BNA\_P  
ClientSampleId :  
PB136199BSD

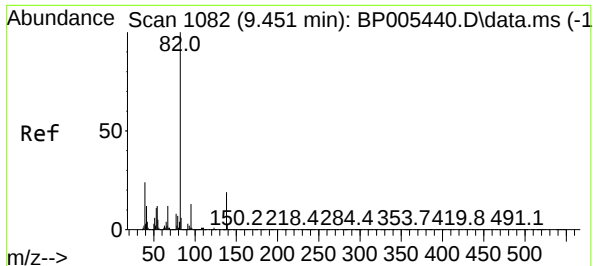
Tgt Ion: 82 Resp: 88957  
Ion Ratio Lower Upper  
82 100  
128 31.5 30.5 45.7  
54 46.7 33.9 50.9



#24  
Nitrobenzene  
Concen: 40.56 ng  
RT: 8.887 min Scan# 986  
Delta R.T. -0.006 min  
Lab File: BP005566.D  
Acq: 15 May 2021 13:51

Tgt Ion: 77 Resp: 41774  
Ion Ratio Lower Upper  
77 100  
123 31.0 31.7 47.5#  
65 15.4 11.5 17.3

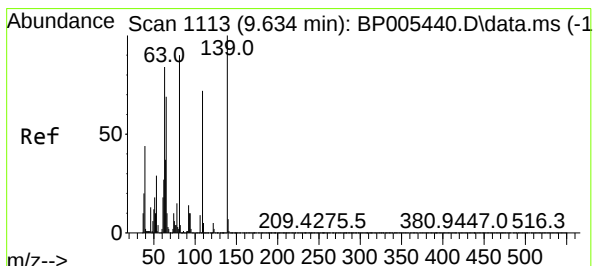
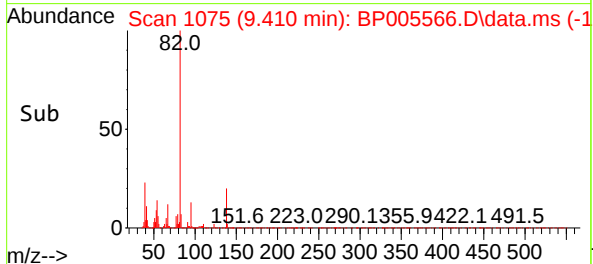
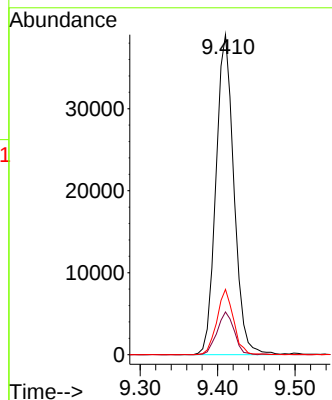
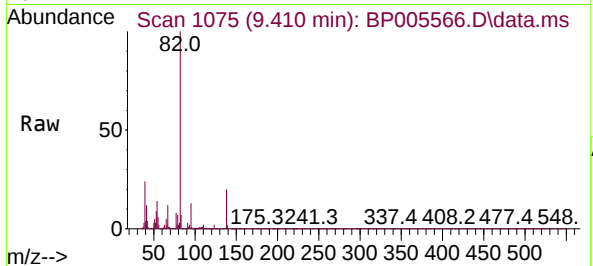




#25  
Isophorone  
Concen: 39.70 ng  
RT: 9.410 min Scan# 1075  
Delta R.T. -0.006 min  
Lab File: BP005566.D  
Acq: 15 May 2021 13:51

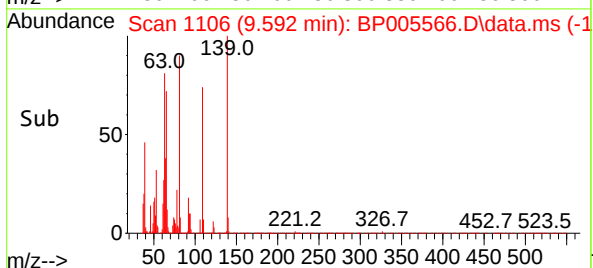
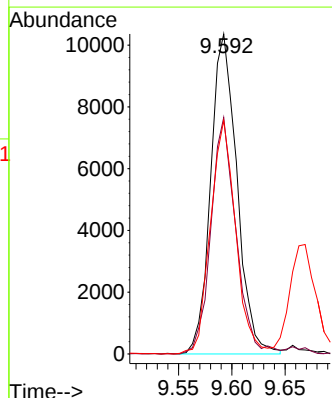
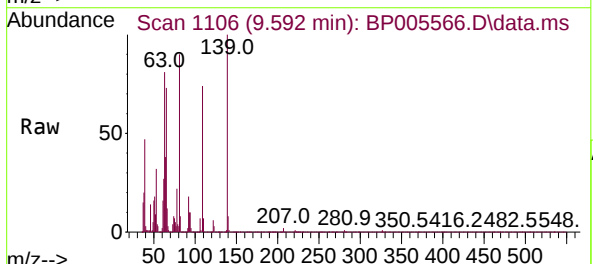
Instrument :  
BNA\_P  
ClientSampleId :  
PB136199BSD

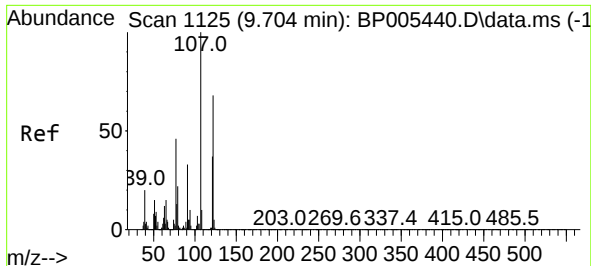
Tgt Ion: 82 Resp: 63114  
Ion Ratio Lower Upper  
82 100  
95 13.3 7.5 11.3#  
138 20.4 14.6 22.0



#26  
2-Nitrophenol  
Concen: 41.20 ng  
RT: 9.592 min Scan# 1106  
Delta R.T. -0.006 min  
Lab File: BP005566.D  
Acq: 15 May 2021 13:51

Tgt Ion: 139 Resp: 17766  
Ion Ratio Lower Upper  
139 100  
109 73.9 40.7 61.1#  
65 72.9 47.8 71.6#

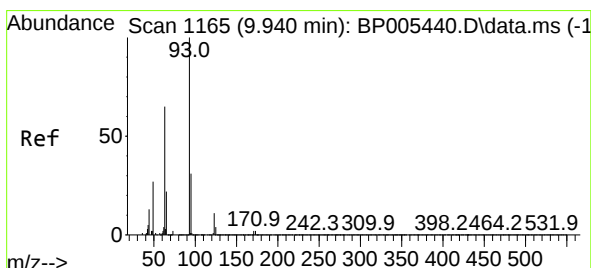
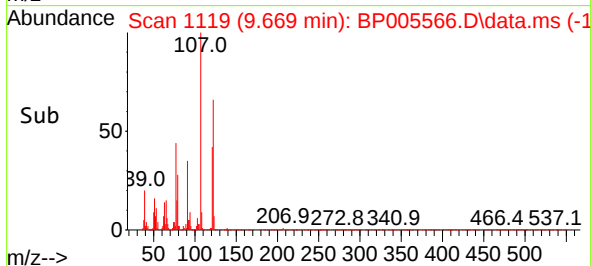
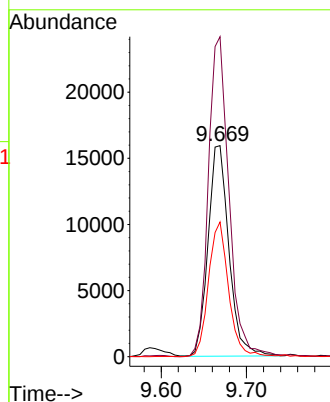
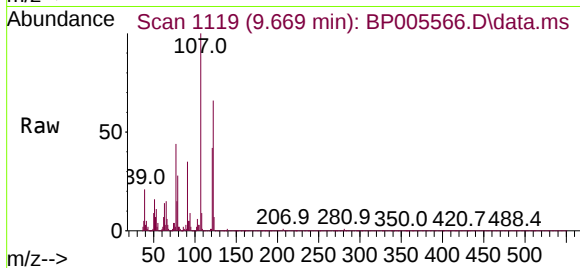




#27  
2,4-Dimethylphenol  
Concen: 47.57 ng  
RT: 9.669 min Scan# 1119  
Delta R.T. -0.006 min  
Lab File: BP005566.D  
Acq: 15 May 2021 13:51

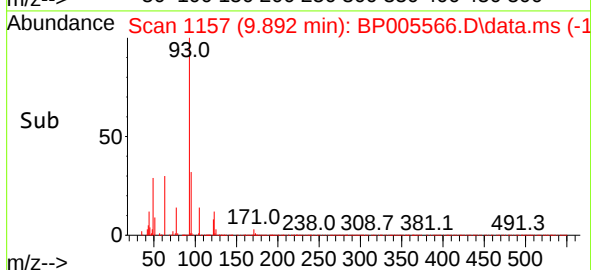
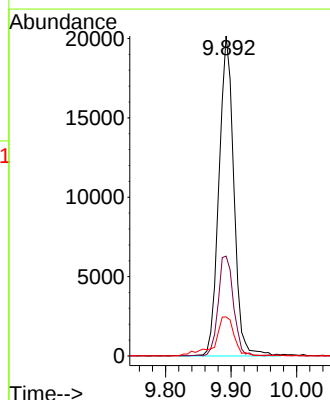
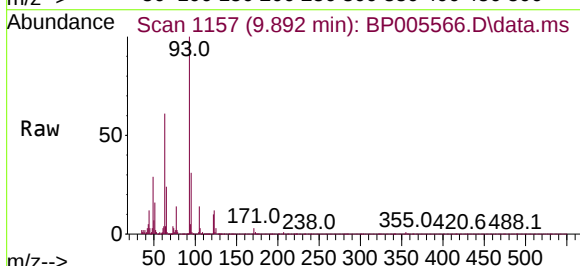
Instrument :  
BNA\_P  
ClientSampleId :  
PB136199BSD

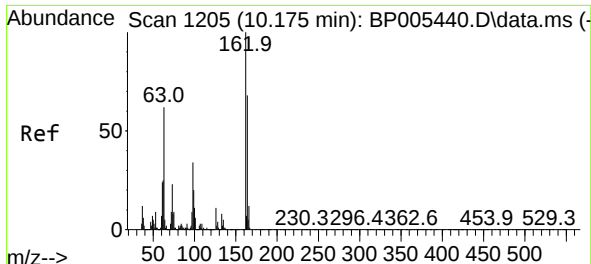
Tgt Ion:122 Resp: 27150  
Ion Ratio Lower Upper  
122 100  
107 151.7 93.8 140.8#  
121 63.9 45.6 68.4



#28  
bis(2-Chloroethoxy)methane  
Concen: 47.65 ng  
RT: 9.892 min Scan# 1157  
Delta R.T. -0.006 min  
Lab File: BP005566.D  
Acq: 15 May 2021 13:51

Tgt Ion: 93 Resp: 31713  
Ion Ratio Lower Upper  
93 100  
95 31.2 24.9 37.3  
123 12.2 9.5 14.3

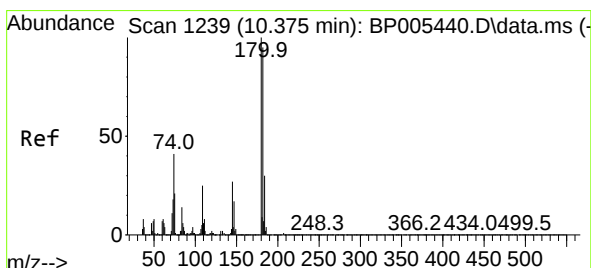
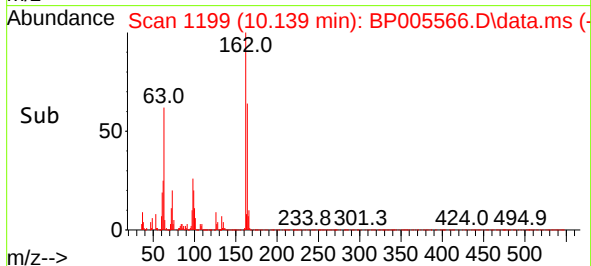
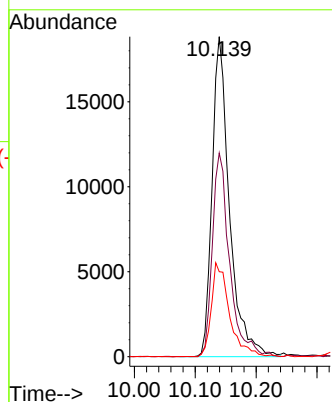
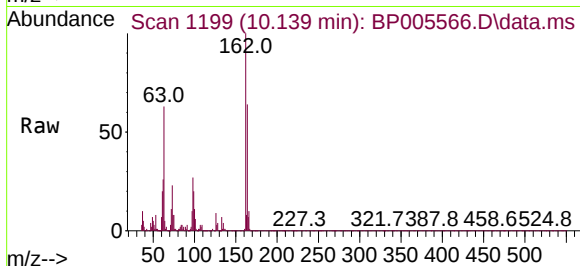




#29  
2,4-Dichlorophenol  
Concen: 41.57 ng  
RT: 10.139 min Scan# 1199  
Delta R.T. -0.006 min  
Lab File: BP005566.D  
Acq: 15 May 2021 13:51

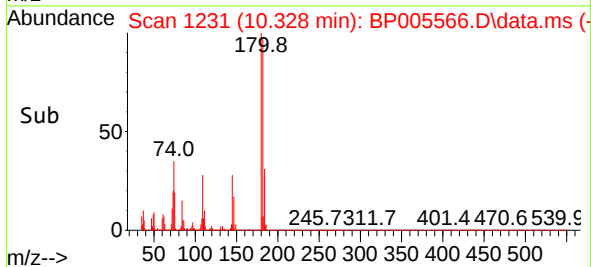
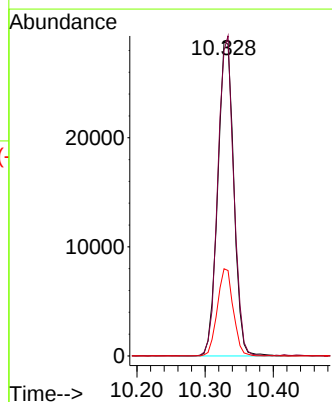
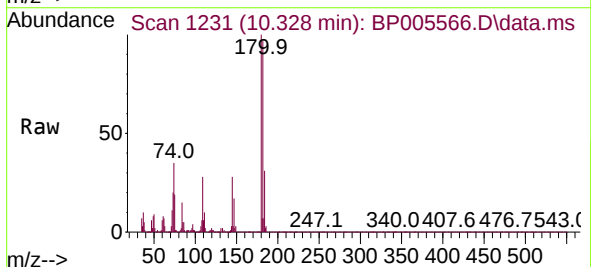
Instrument :  
BNA\_P  
ClientSampleId :  
PB136199BSD

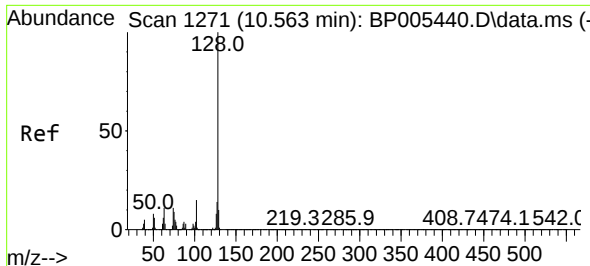
Tgt Ion:162 Resp: 37260  
Ion Ratio Lower Upper  
162 100  
164 63.7 44.1 84.1  
98 26.6 12.6 52.6



#30  
1,2,4-Trichlorobenzene  
Concen: 41.28 ng  
RT: 10.328 min Scan# 1231  
Delta R.T. -0.012 min  
Lab File: BP005566.D  
Acq: 15 May 2021 13:51

Tgt Ion:180 Resp: 47268  
Ion Ratio Lower Upper  
180 100  
182 97.2 77.2 115.8  
145 27.7 21.7 32.5

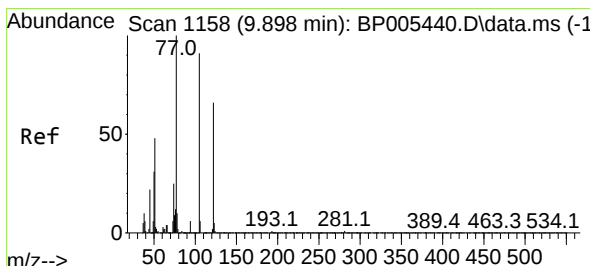
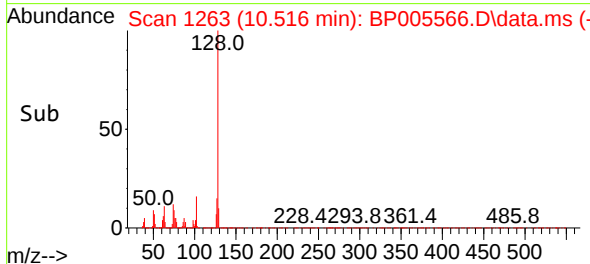
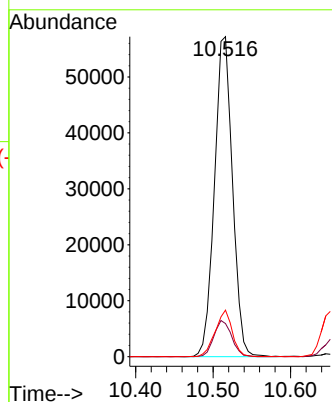
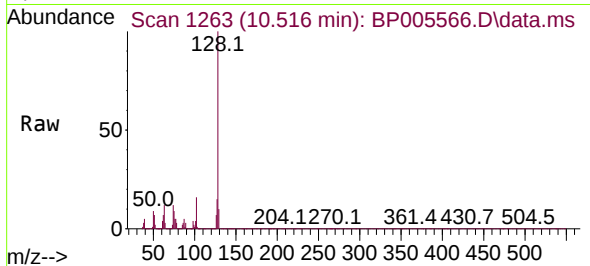




#31  
Naphthalene  
Concen: 42.55 ng  
RT: 10.516 min Scan# 1263  
Delta R.T. -0.006 min  
Lab File: BP005566.D  
Acq: 15 May 2021 13:51

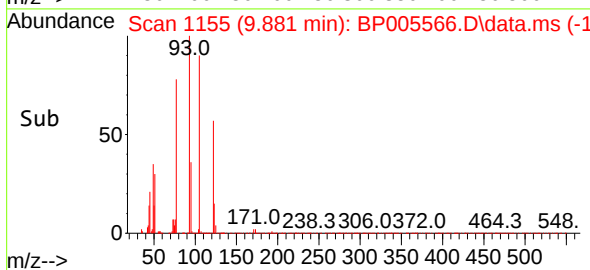
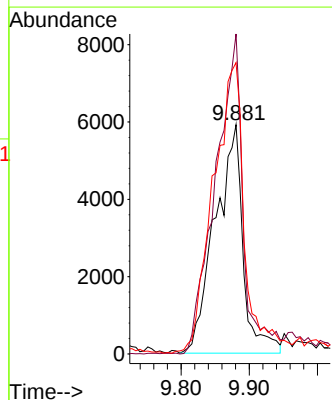
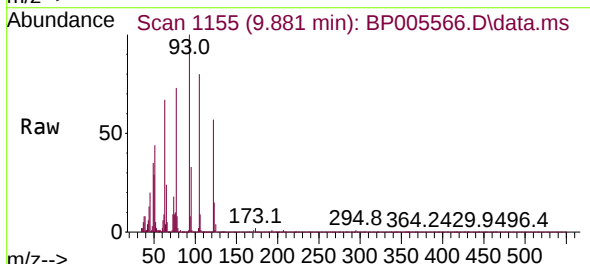
Instrument :  
BNA\_P  
ClientSampleId :  
PB136199BSD

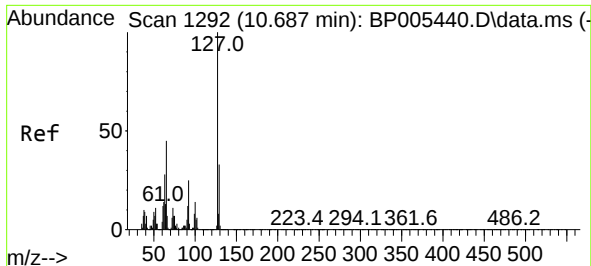
|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 128   | Resp: | 92450 |
| Ion Ratio | Lower | Upper |       |
| 128       | 100   |       |       |
| 129       | 10.3  | 8.0   | 12.0  |
| 127       | 14.5  | 11.1  | 16.7  |



#32  
Benzoic acid  
Concen: 38.22 ng  
RT: 9.881 min Scan# 1155  
Delta R.T. -0.006 min  
Lab File: BP005566.D  
Acq: 15 May 2021 13:51

|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 122   | Resp: | 16851 |
| Ion Ratio | Lower | Upper |       |
| 122       | 100   |       |       |
| 105       | 139.6 | 105.1 | 145.1 |
| 77        | 127.1 | 69.6  | 109.6 |

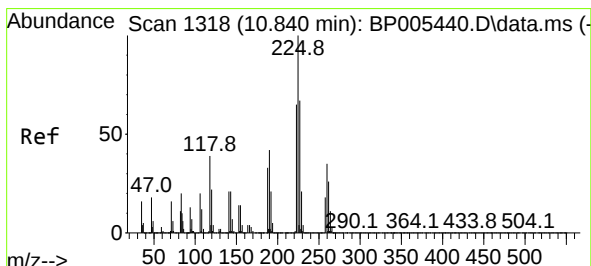
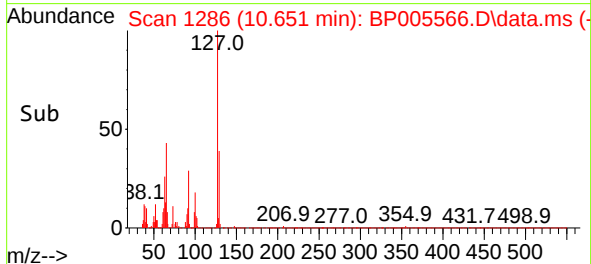
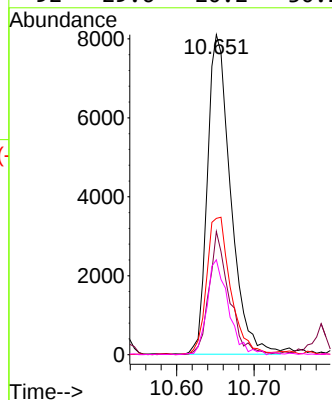
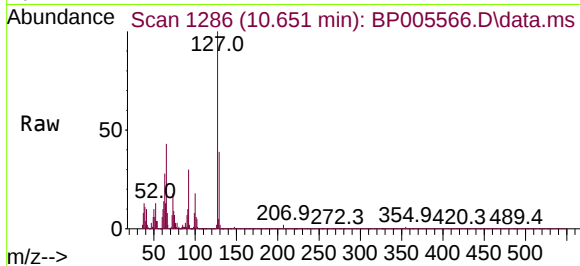




#33  
4-Chloroaniline  
Concen: 19.94 ng  
RT: 10.651 min Scan# 1286  
Delta R.T. -0.000 min  
Lab File: BP005566.D  
Acq: 15 May 2021 13:51

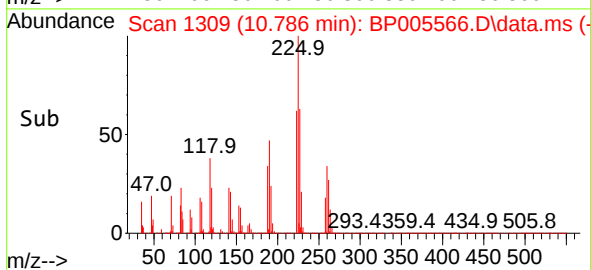
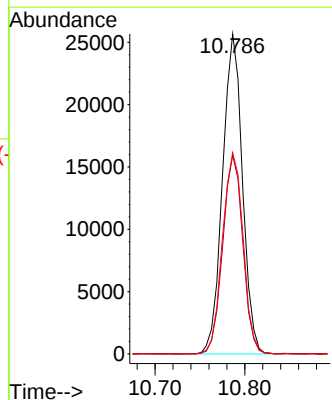
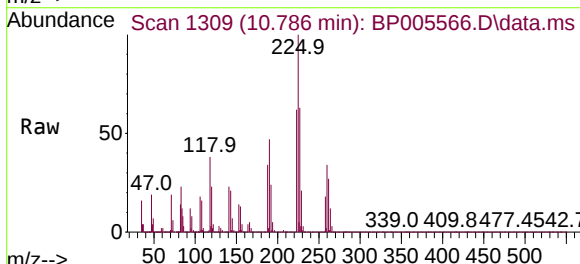
Instrument :  
BNA\_P  
ClientSampleId :  
PB136199BSD

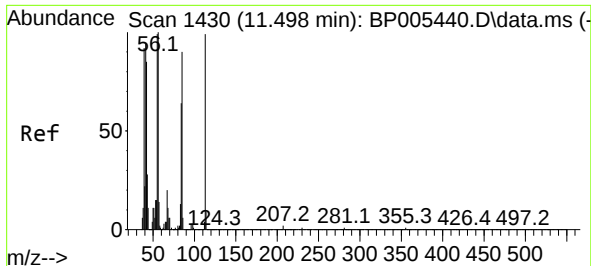
|             |       |            |
|-------------|-------|------------|
| Tgt Ion:127 | Resp: | 16877      |
| Ion Ratio   | Lower | Upper      |
| 127         | 100   |            |
| 129         | 38.5  | 25.5 38.3# |
| 65          | 42.6  | 30.0 45.0  |
| 92          | 29.6  | 20.2 30.2  |



#34  
Hexachlorobutadiene  
Concen: 41.37 ng  
RT: 10.786 min Scan# 1309  
Delta R.T. -0.012 min  
Lab File: BP005566.D  
Acq: 15 May 2021 13:51

|             |       |           |
|-------------|-------|-----------|
| Tgt Ion:225 | Resp: | 39499     |
| Ion Ratio   | Lower | Upper     |
| 225         | 100   |           |
| 223         | 62.1  | 51.1 76.7 |
| 227         | 62.9  | 50.2 75.2 |

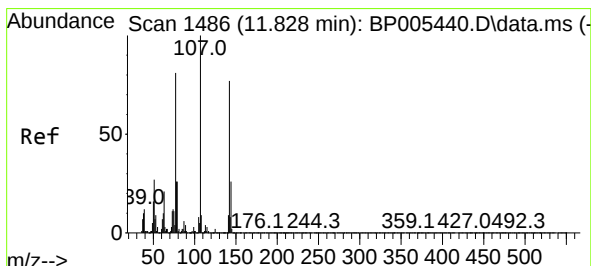
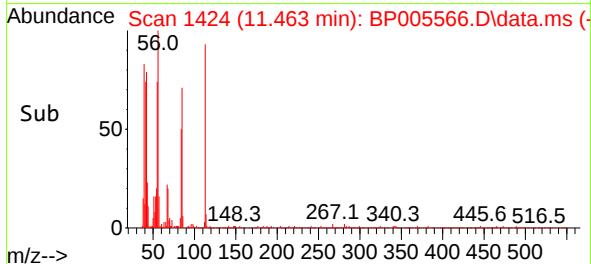
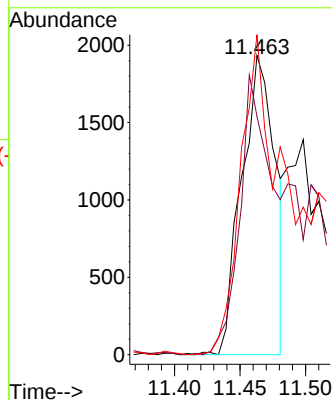
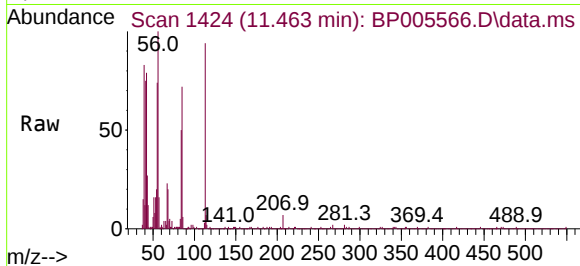




#35  
Caprolactam  
Concen: 16.69 ng  
RT: 11.463 min Scan# 1424  
Delta R.T. -0.006 min  
Lab File: BP005566.D  
Acq: 15 May 2021 13:51

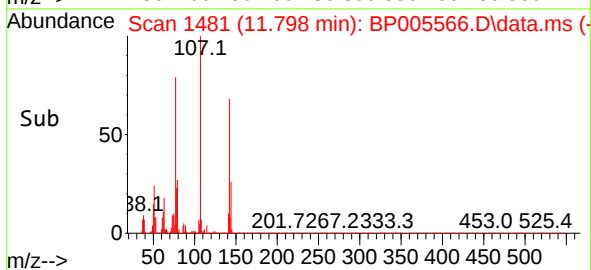
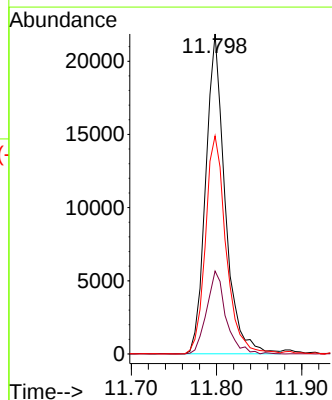
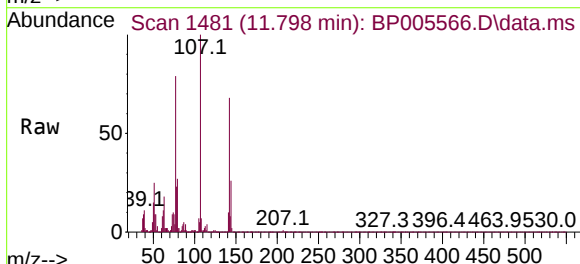
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ClientSampleId :  
PB136199BSD

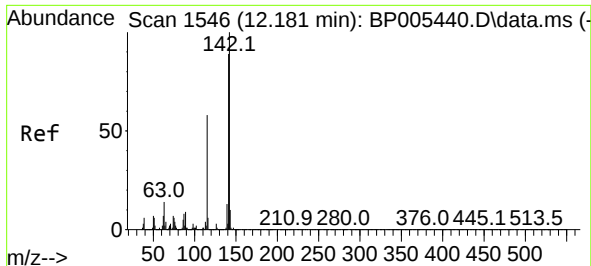
Tgt Ion:113 Resp: 3442  
Ion Ratio Lower Upper  
113 100  
55 79.6 72.0 112.0  
56 106.9 65.1 105.1#



#36  
4-Chloro-3-methylphenol  
Concen: 43.21 ng  
RT: 11.798 min Scan# 1481  
Delta R.T. -0.006 min  
Lab File: BP005566.D  
Acq: 15 May 2021 13:51

Tgt Ion:107 Resp: 34531  
Ion Ratio Lower Upper  
107 100  
144 25.9 20.1 30.1  
142 68.1 62.2 93.4

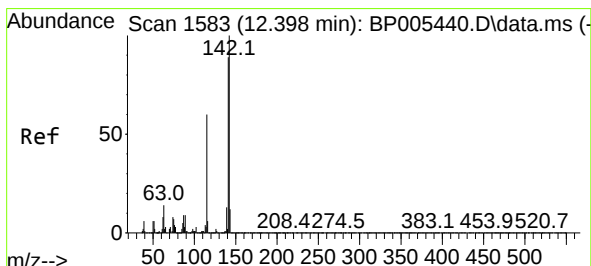
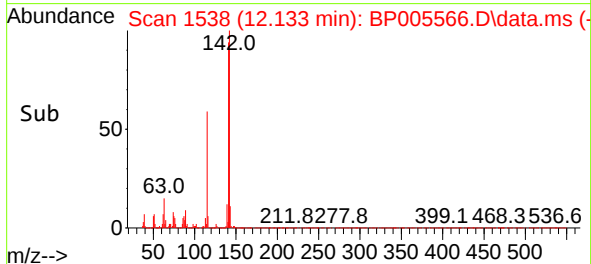
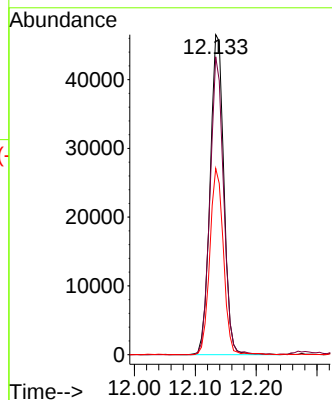
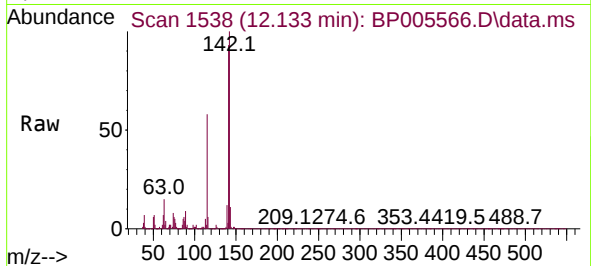




#37  
2-Methylnaphthalene  
Concen: 41.87 ng  
RT: 12.133 min Scan# 1538  
Delta R.T. -0.012 min  
Lab File: BP005566.D  
Acq: 15 May 2021 13:51

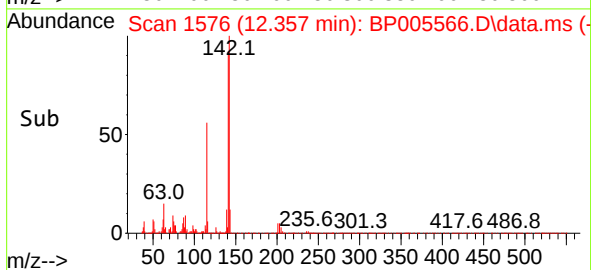
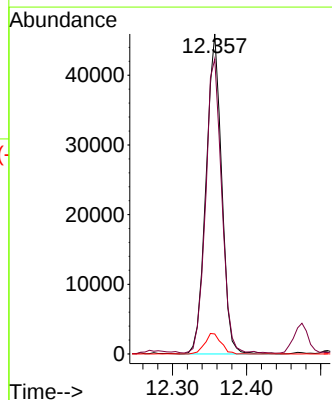
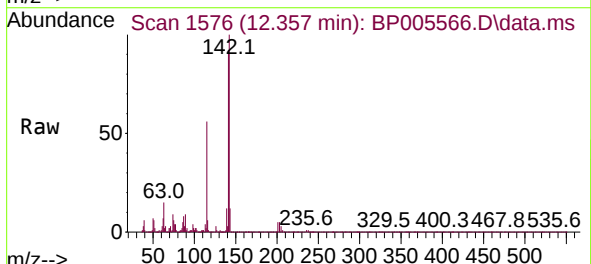
Instrument :  
BNA\_P  
ClientSampleId :  
PB136199BSD

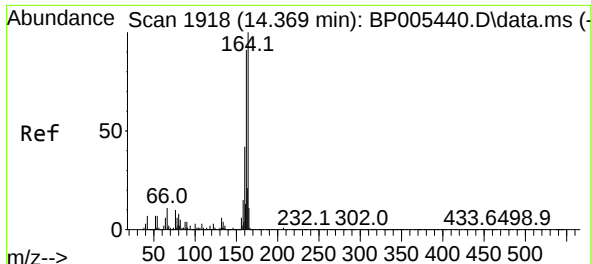
Tgt Ion:142 Resp: 72976  
Ion Ratio Lower Upper  
142 100  
141 93.1 74.7 112.1  
115 58.2 43.8 65.8



#38  
1-Methylnaphthalene  
Concen: 40.96 ng  
RT: 12.357 min Scan# 1576  
Delta R.T. -0.006 min  
Lab File: BP005566.D  
Acq: 15 May 2021 13:51

Tgt Ion:142 Resp: 67397  
Ion Ratio Lower Upper  
142 100  
141 92.2 77.0 115.6  
116 6.2 5.0 7.6

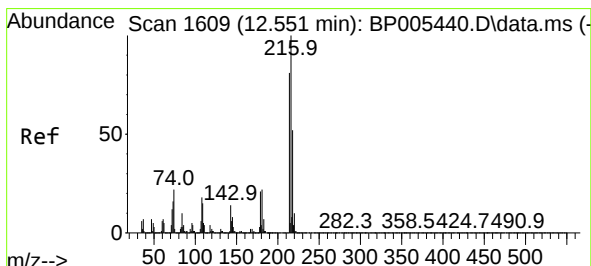
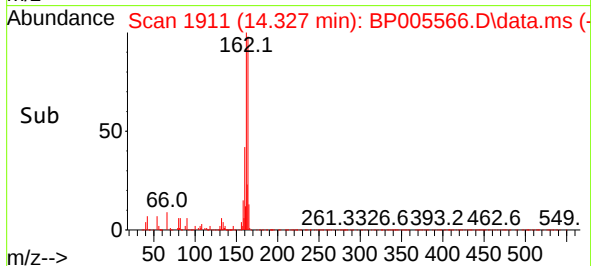
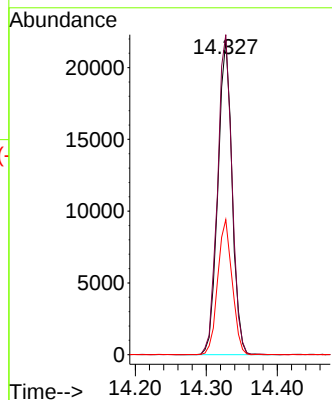
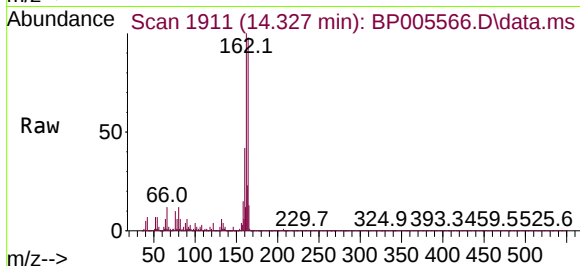




#39  
Acenaphthene-d10  
Concen: 20.00 ng  
RT: 14.327 min Scan# 1911  
Delta R.T. -0.006 min  
Lab File: BP005566.D  
Acq: 15 May 2021 13:51

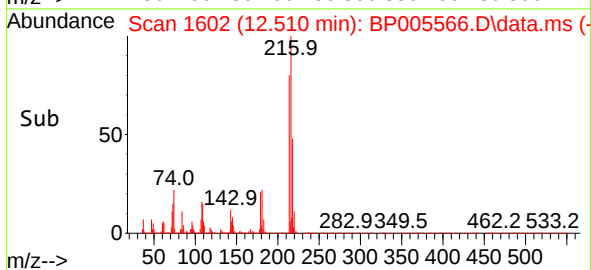
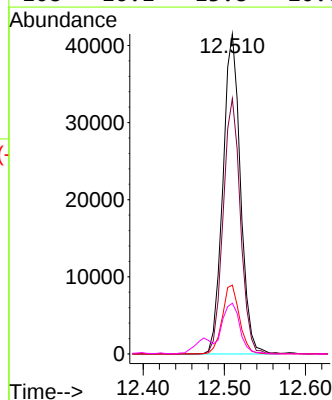
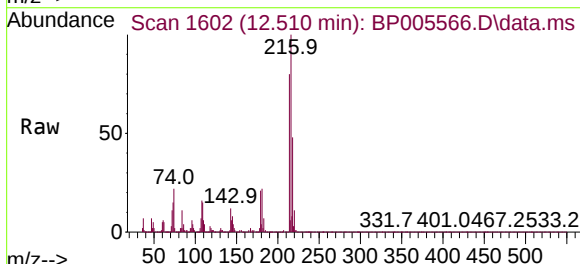
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BNA\_P  
ClientSampleId :  
PB136199BSD

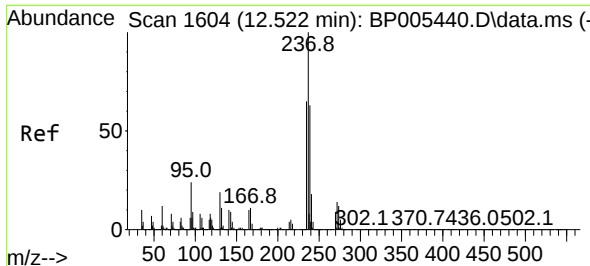
Tgt Ion:164 Resp: 30240  
Ion Ratio Lower Upper  
164 100  
162 101.8 73.5 110.3  
160 42.9 40.6 61.0



#40  
1,2,4,5-Tetrachlorobenzene  
Concen: 44.88 ng  
RT: 12.510 min Scan# 1602  
Delta R.T. -0.006 min  
Lab File: BP005566.D  
Acq: 15 May 2021 13:51

Tgt Ion:216 Resp: 62355  
Ion Ratio Lower Upper  
216 100  
214 78.5 60.6 91.0  
179 21.1 15.3 22.9  
108 16.1 13.8 20.6

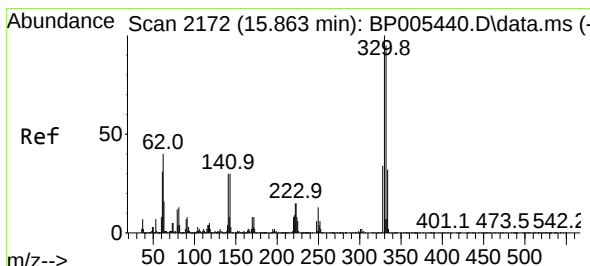
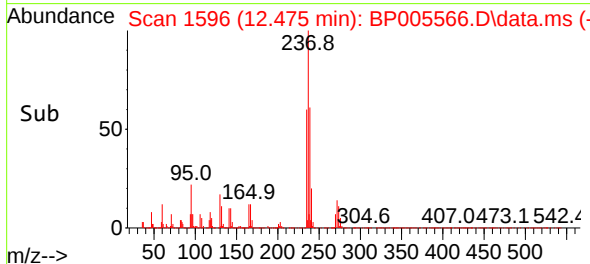
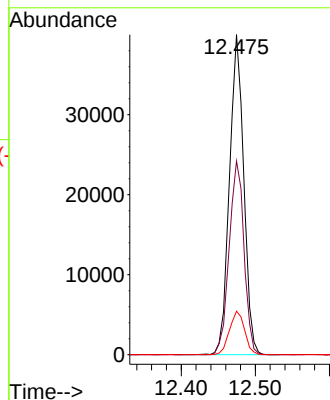
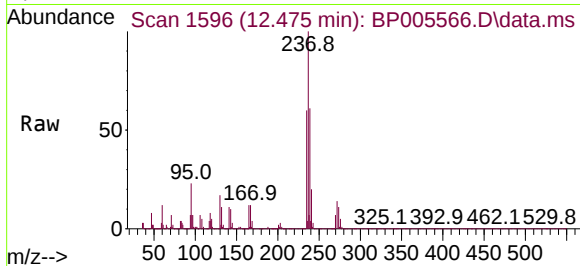




#41  
Hexachlorocyclopentadiene  
Concen: 90.46 ng  
RT: 12.475 min Scan# 1596  
Delta R.T. -0.006 min  
Lab File: BP005566.D  
Acq: 15 May 2021 13:51

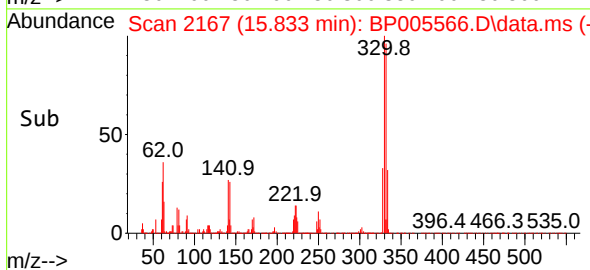
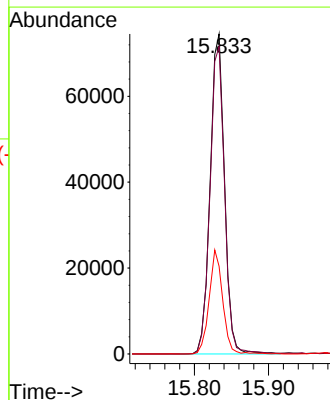
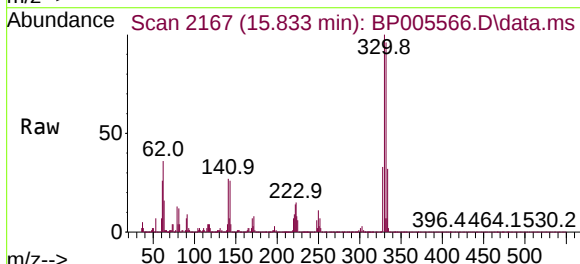
Instrument :  
BNA\_P  
ClientSampleId :  
PB136199BSD

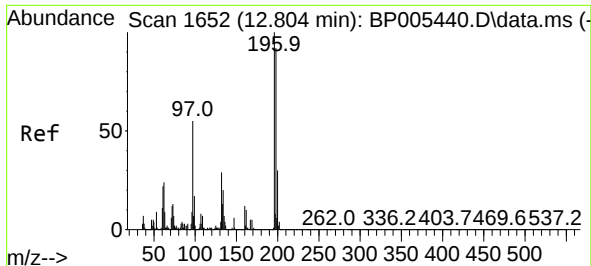
|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 237   | Resp: | 53507 |
| Ion Ratio | Lower | Upper |       |
| 237       | 100   |       |       |
| 235       | 60.5  | 40.9  | 80.9  |
| 272       | 13.6  | 0.0   | 34.6  |



#42  
2,4,6-Tribromophenol  
Concen: 117.02 ng  
RT: 15.833 min Scan# 2167  
Delta R.T. -0.006 min  
Lab File: BP005566.D  
Acq: 15 May 2021 13:51

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 330   | Resp: | 100421 |
| Ion Ratio | Lower | Upper |        |
| 330       | 100   |       |        |
| 332       | 97.2  | 76.3  | 114.5  |
| 141       | 30.7  | 22.8  | 34.2   |

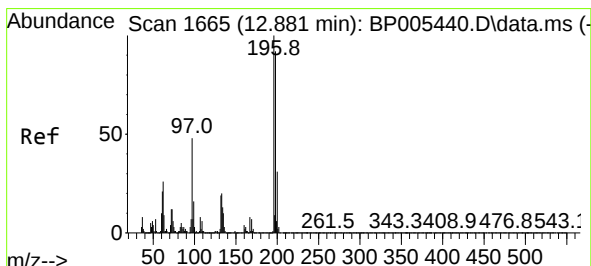
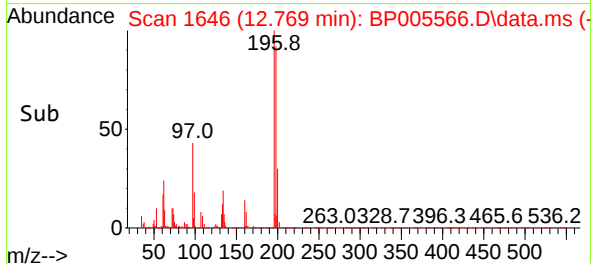
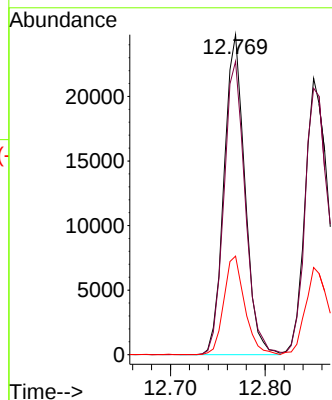
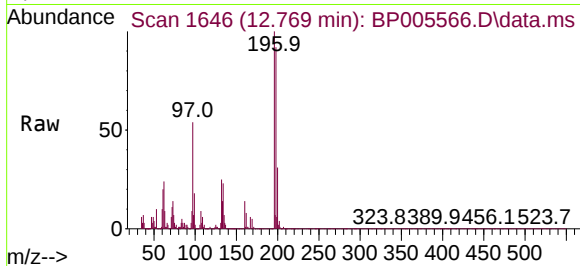




#43  
2,4,6-Trichlorophenol  
Concen: 43.60 ng  
RT: 12.769 min Scan# 1646  
Delta R.T. -0.006 min  
Lab File: BP005566.D  
Acq: 15 May 2021 13:51

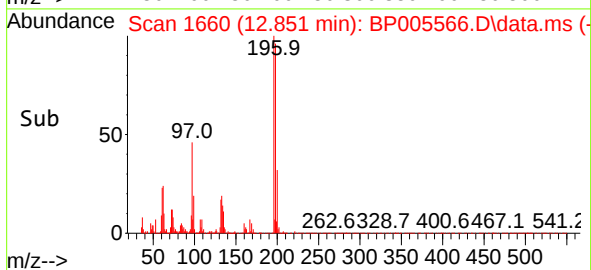
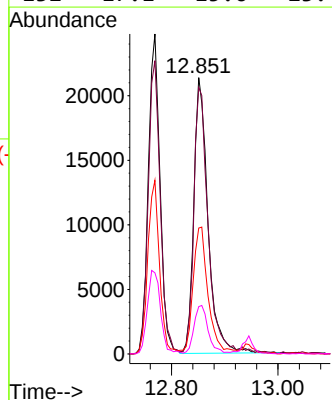
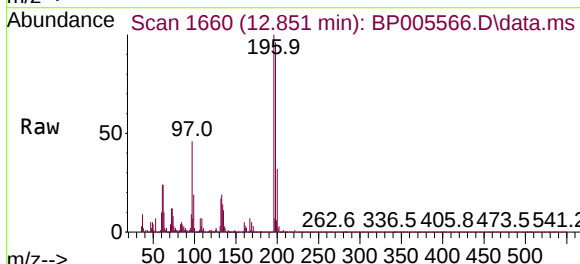
Instrument :  
BNA\_P  
ClientSampleId :  
PB136199BSD

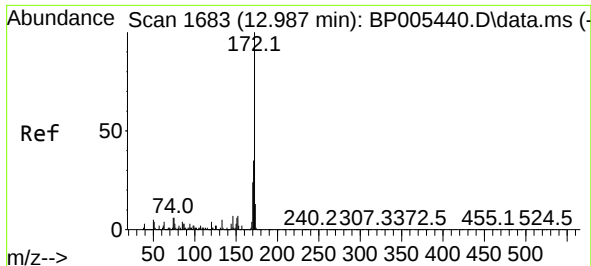
Tgt Ion:196 Resp: 37846  
Ion Ratio Lower Upper  
196 100  
198 91.6 81.4 122.2  
200 30.8 28.2 42.2



#44  
2,4,5-Trichlorophenol  
Concen: 42.34 ng  
RT: 12.851 min Scan# 1660  
Delta R.T. -0.006 min  
Lab File: BP005566.D  
Acq: 15 May 2021 13:51

Tgt Ion:196 Resp: 39659  
Ion Ratio Lower Upper  
196 100  
198 96.4 71.0 106.4  
97 45.6 38.5 57.7  
132 17.1 15.6 23.4

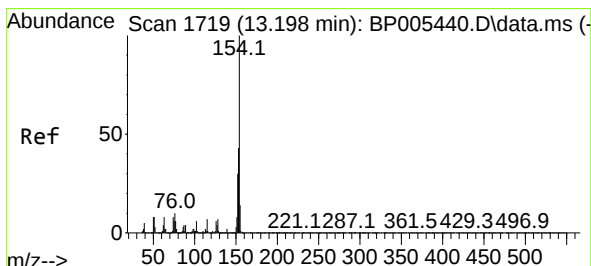
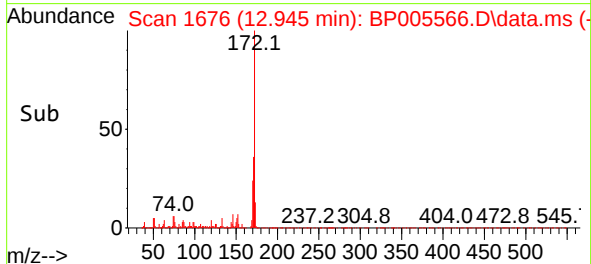
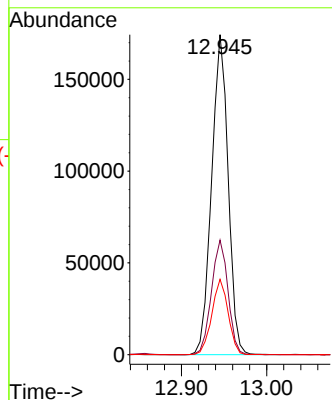
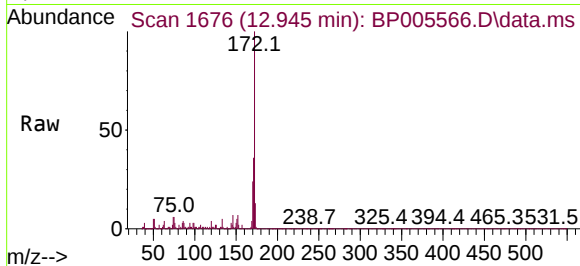




#45  
2-Fluorobiphenyl  
Concen: 87.47 ng  
RT: 12.945 min Scan# 1676  
Delta R.T. -0.006 min  
Lab File: BP005566.D  
Acq: 15 May 2021 13:51

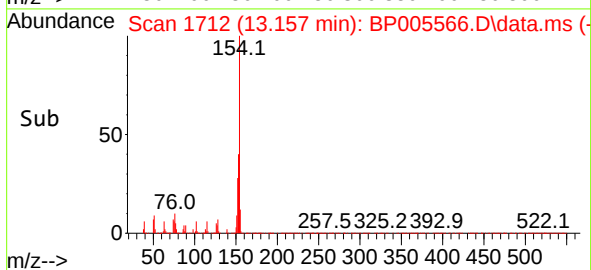
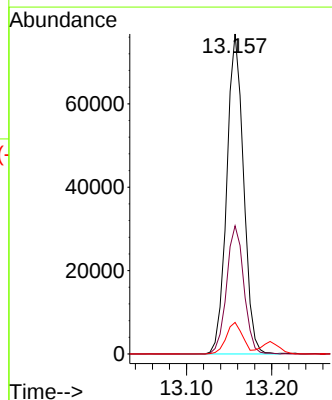
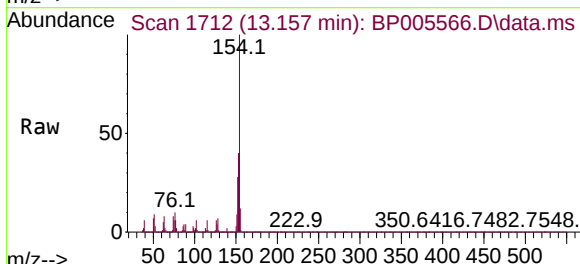
Instrument :  
BNA\_P  
ClientSampleId :  
PB136199BSD

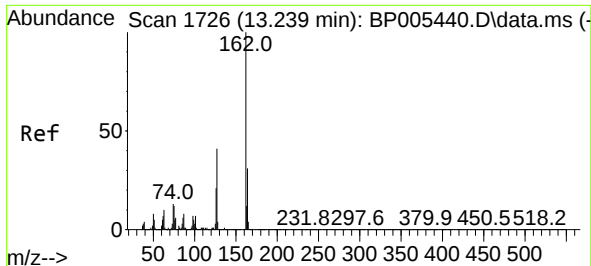
Tgt Ion:172 Resp: 234476  
Ion Ratio Lower Upper  
172 100  
171 35.8 28.1 42.1  
170 23.6 19.6 29.4



#46  
1,1'-Biphenyl  
Concen: 45.05 ng  
RT: 13.157 min Scan# 1712  
Delta R.T. -0.006 min  
Lab File: BP005566.D  
Acq: 15 May 2021 13:51

Tgt Ion:154 Resp: 104879  
Ion Ratio Lower Upper  
154 100  
153 40.1 18.9 58.9  
76 9.8 0.0 32.1

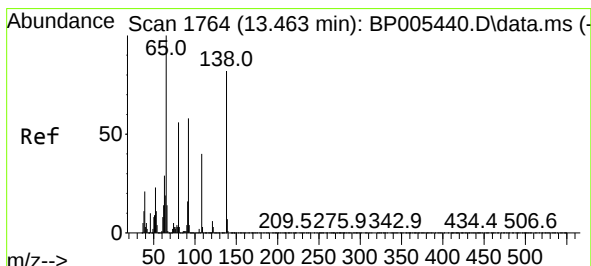
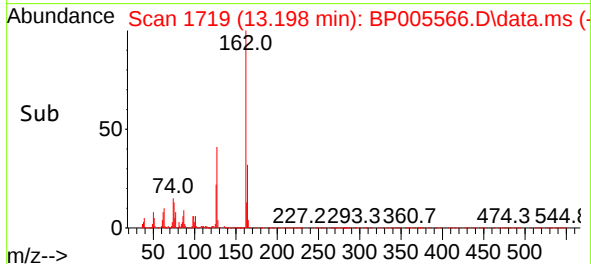
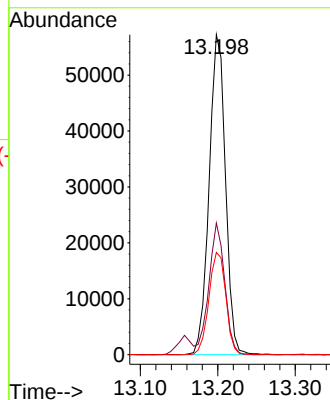
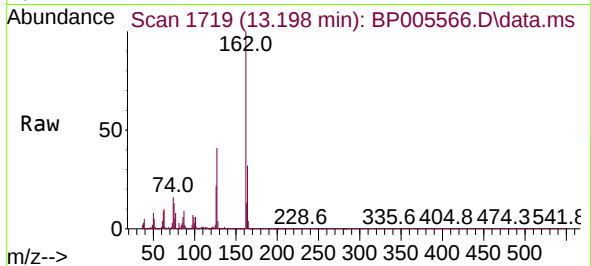




#47  
2-Chloronaphthalene  
Concen: 43.25 ng  
RT: 13.198 min Scan# 1719  
Delta R.T. -0.006 min  
Lab File: BP005566.D  
Acq: 15 May 2021 13:51

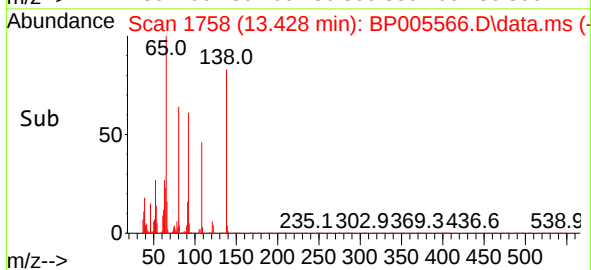
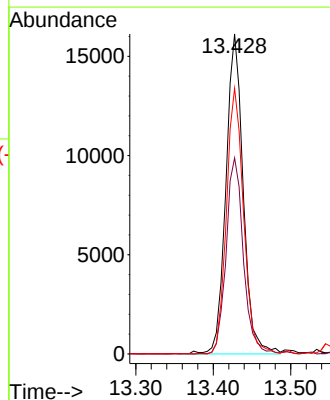
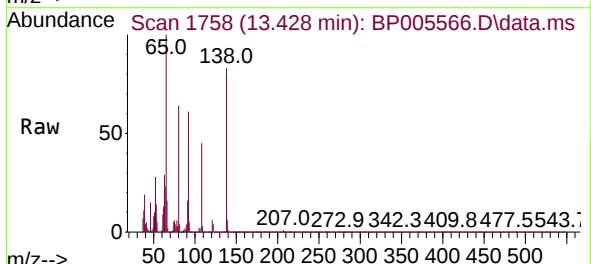
Instrument :  
BNA\_P  
ClientSampleId :  
PB136199BSD

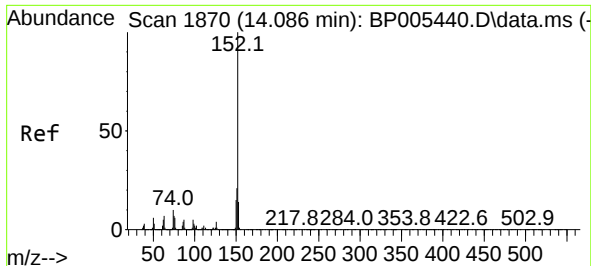
Tgt Ion:162 Resp: 83842  
Ion Ratio Lower Upper  
162 100  
127 41.1 31.4 47.0  
164 32.0 26.6 39.8



#48  
2-Nitroaniline  
Concen: 45.62 ng  
RT: 13.428 min Scan# 1758  
Delta R.T. -0.006 min  
Lab File: BP005566.D  
Acq: 15 May 2021 13:51

Tgt Ion: 65 Resp: 25121  
Ion Ratio Lower Upper  
65 100  
92 61.2 48.8 73.2  
138 83.1 69.5 104.3

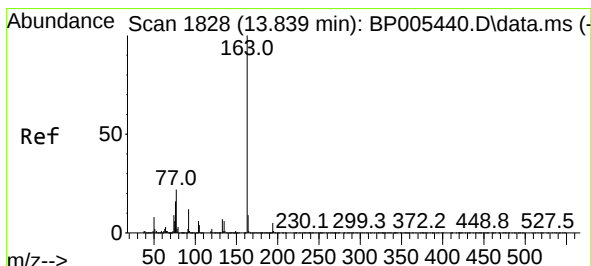
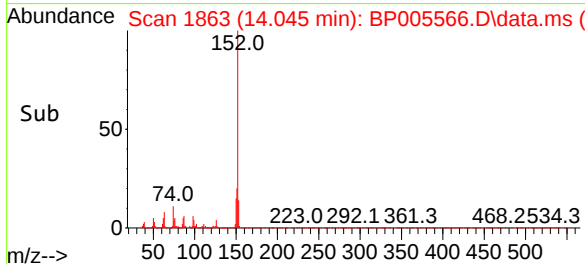
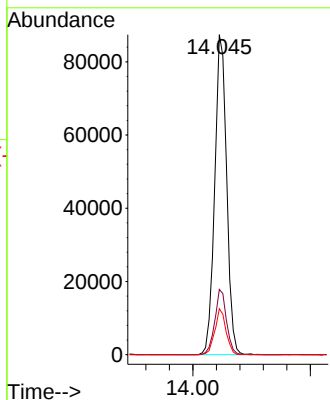
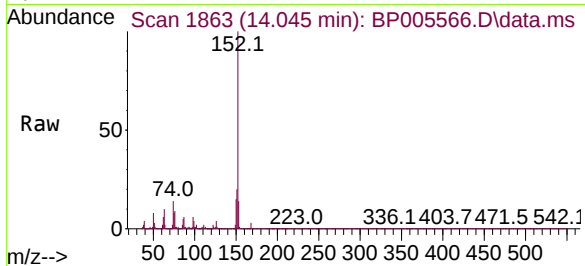




#49  
Acenaphthylene  
Concen: 43.95 ng  
RT: 14.045 min Scan# 1863  
Delta R.T. -0.006 min  
Lab File: BP005566.D  
Acq: 15 May 2021 13:51

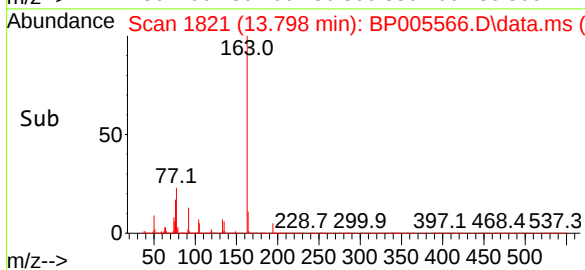
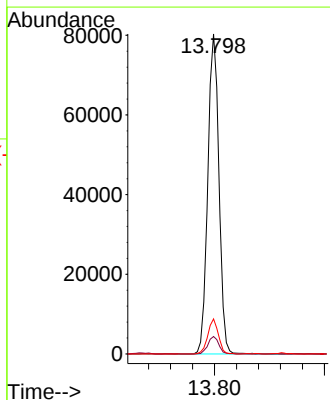
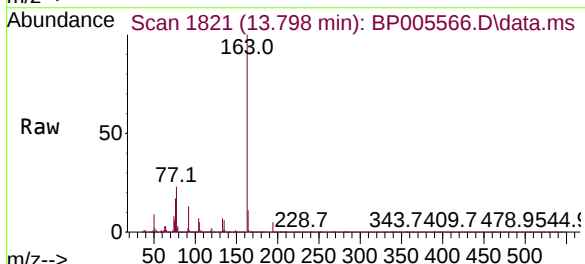
Instrument :  
BNA\_P  
ClientSampleId :  
PB136199BSD

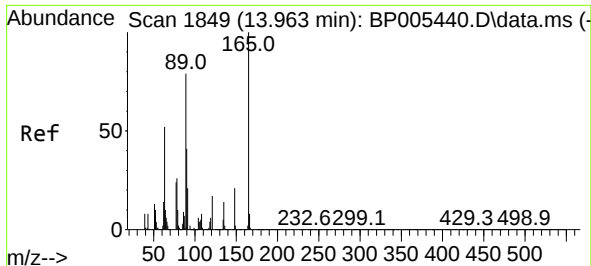
Tgt Ion:152 Resp: 122753  
Ion Ratio Lower Upper  
152 100  
151 20.4 15.8 23.6  
153 14.3 10.5 15.7



#50  
Dimethylphthalate  
Concen: 43.12 ng  
RT: 13.798 min Scan# 1821  
Delta R.T. -0.012 min  
Lab File: BP005566.D  
Acq: 15 May 2021 13:51

Tgt Ion:163 Resp: 112561  
Ion Ratio Lower Upper  
163 100  
194 5.5 3.9 5.9  
164 10.9 8.1 12.1

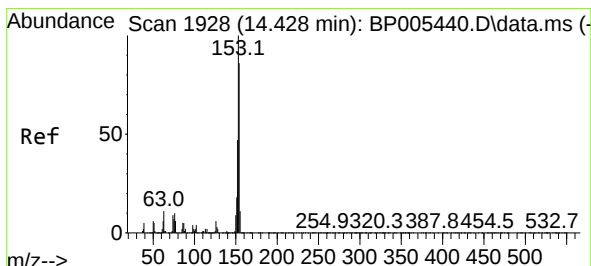
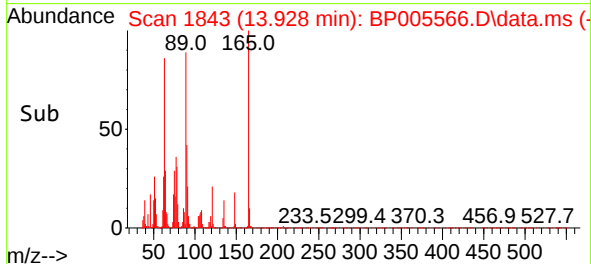
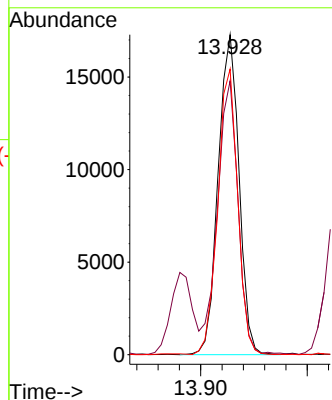
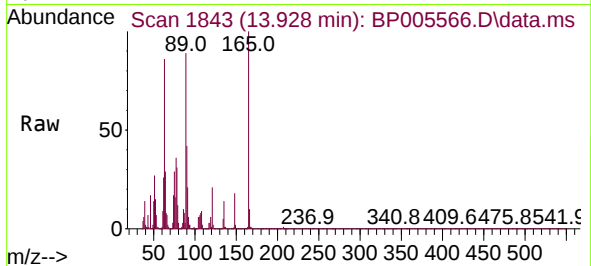




#51  
2,6-Dinitrotoluene  
Concen: 39.94 ng  
RT: 13.928 min Scan# 1843  
Delta R.T. -0.006 min  
Lab File: BP005566.D  
Acq: 15 May 2021 13:51

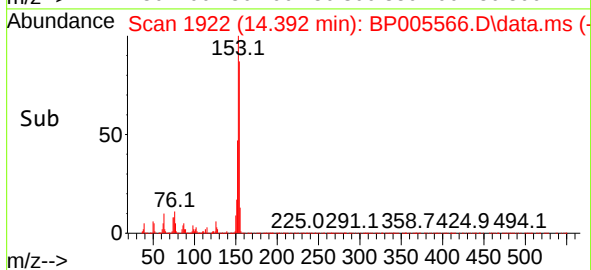
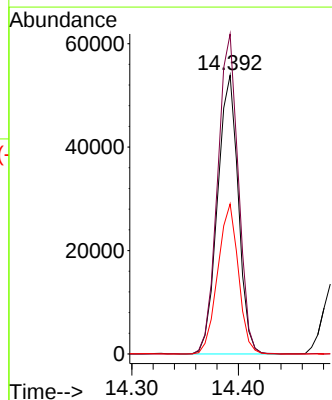
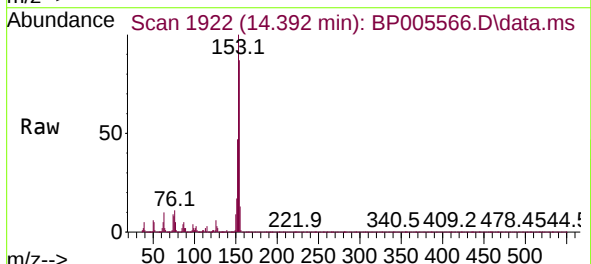
Instrument :  
BNA\_P  
ClientSampleId :  
PB136199BSD

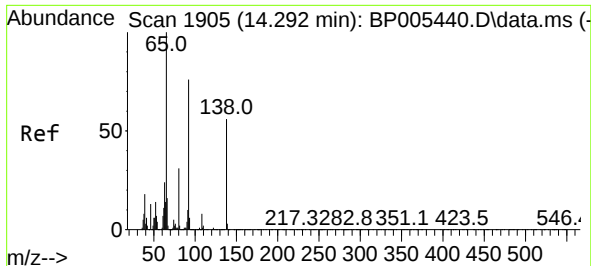
Tgt Ion:165 Resp: 23410  
Ion Ratio Lower Upper  
165 100  
63 85.6 67.4 101.0  
89 89.3 73.8 110.6



#52  
Acenaphthene  
Concen: 41.92 ng  
RT: 14.392 min Scan# 1922  
Delta R.T. -0.006 min  
Lab File: BP005566.D  
Acq: 15 May 2021 13:51

Tgt Ion:154 Resp: 72841  
Ion Ratio Lower Upper  
154 100  
153 114.8 90.9 136.3  
152 53.8 48.5 72.7

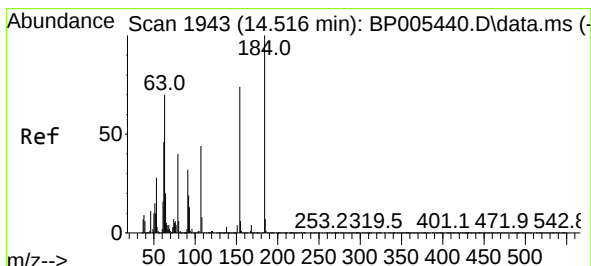
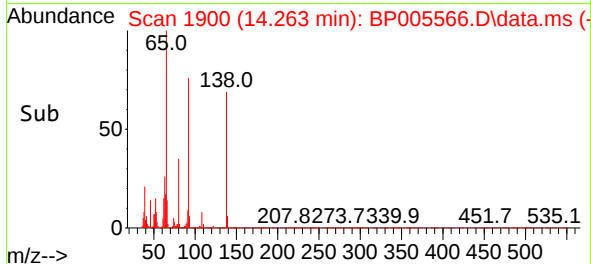
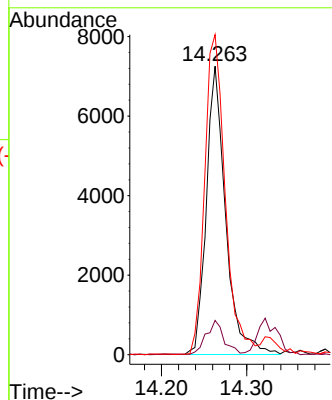
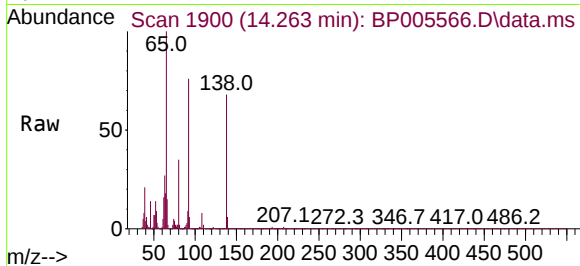




#53  
3-Nitroaniline  
Concen: 27.18 ng  
RT: 14.263 min Scan# 1900  
Delta R.T. -0.006 min  
Lab File: BP005566.D  
Acq: 15 May 2021 13:51

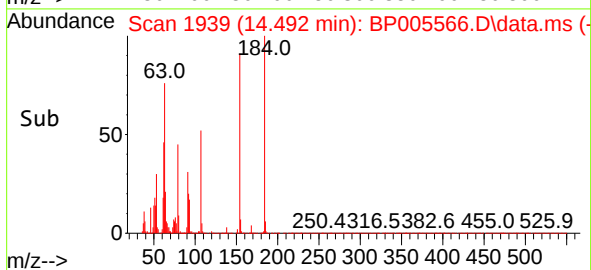
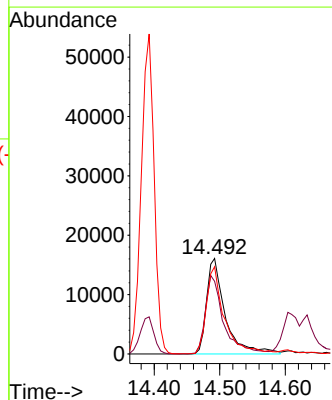
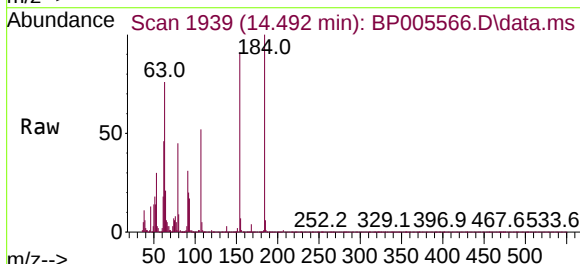
Instrument :  
BNA\_P  
ClientSampleId :  
PB136199BSD

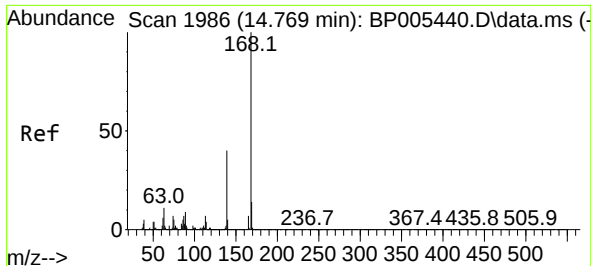
Tgt Ion:138 Resp: 11414  
Ion Ratio Lower Upper  
138 100  
108 11.9 10.2 15.4  
92 110.9 108.1 162.1



#54  
2,4-Dinitrophenol  
Concen: 89.85 ng  
RT: 14.492 min Scan# 1939  
Delta R.T. -0.000 min  
Lab File: BP005566.D  
Acq: 15 May 2021 13:51

Tgt Ion:184 Resp: 31770  
Ion Ratio Lower Upper  
184 100  
63 76.0 51.2 76.8  
154 91.4 55.8 83.8#

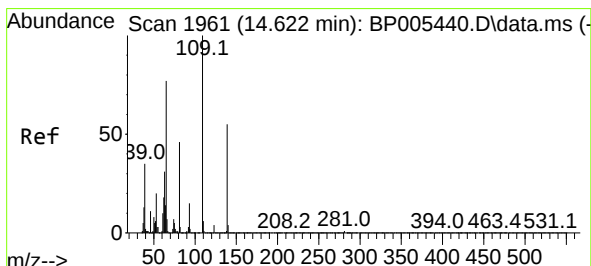
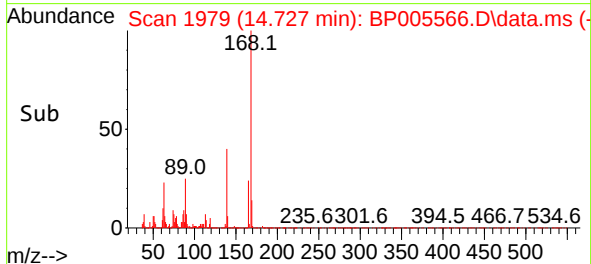
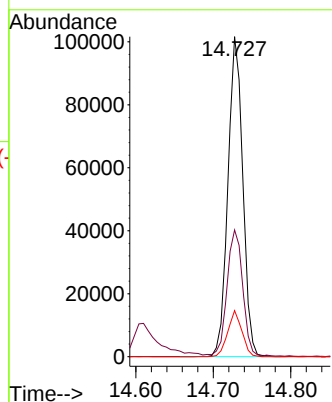
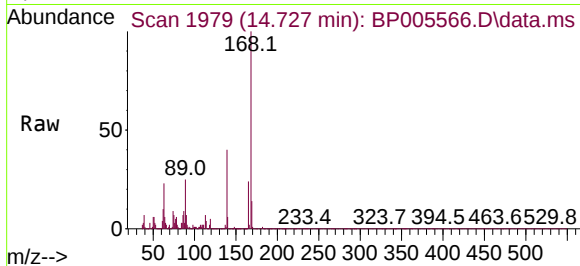




#55  
Dibenzenofuran  
Concen: 41.51 ng  
RT: 14.727 min Scan# 1979  
Delta R.T. -0.006 min  
Lab File: BP005566.D  
Acq: 15 May 2021 13:51

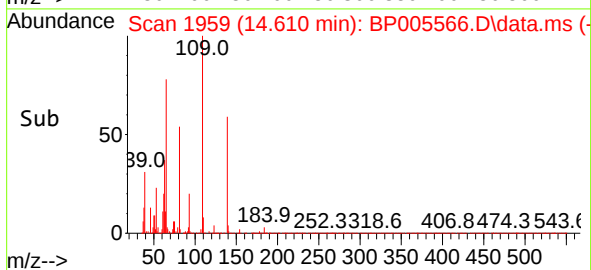
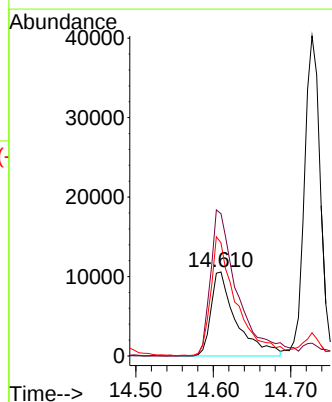
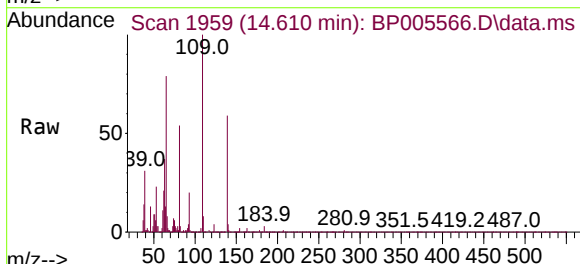
Instrument :  
BNA\_P  
ClientSampleId :  
PB136199BSD

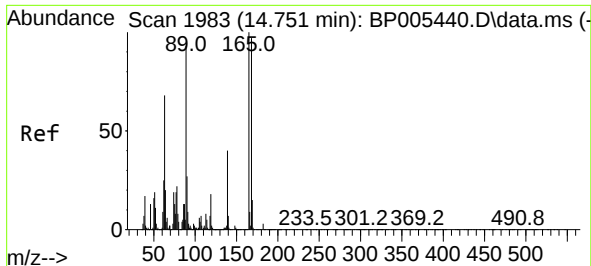
Tgt Ion:168 Resp: 135695  
Ion Ratio Lower Upper  
168 100  
139 39.6 31.4 47.0  
169 14.4 11.4 17.0



#56  
4-Nitrophenol  
Concen: 75.90 ng  
RT: 14.610 min Scan# 1959  
Delta R.T. -0.000 min  
Lab File: BP005566.D  
Acq: 15 May 2021 13:51

Tgt Ion:139 Resp: 24063  
Ion Ratio Lower Upper  
139 100  
109 169.4 122.8 162.8#  
65 134.6 110.0 150.0

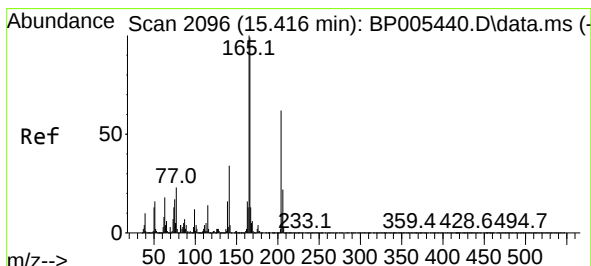
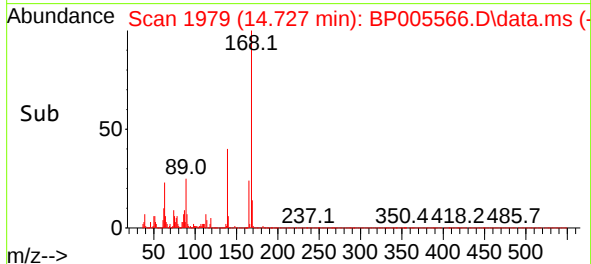
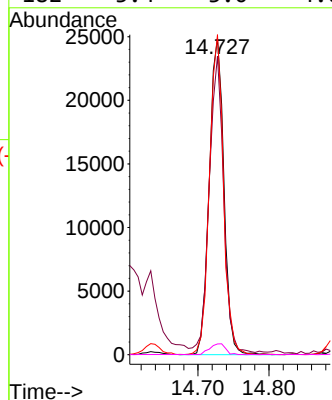
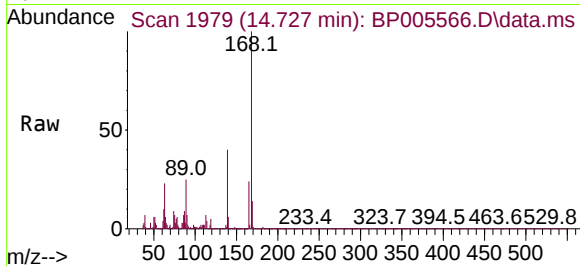




#57  
2,4-Dinitrotoluene  
Concen: 41.14 ng  
RT: 14.727 min Scan# 1979  
Delta R.T. -0.000 min  
Lab File: BP005566.D  
Acq: 15 May 2021 13:51

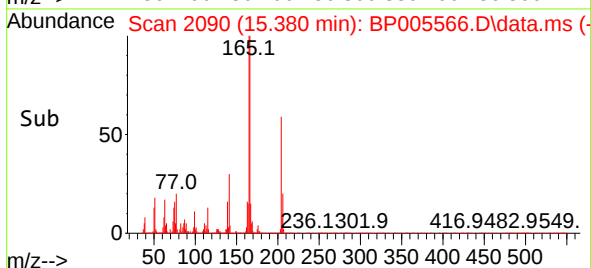
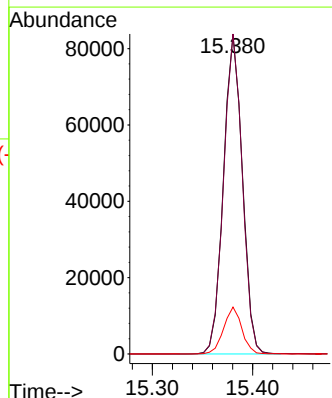
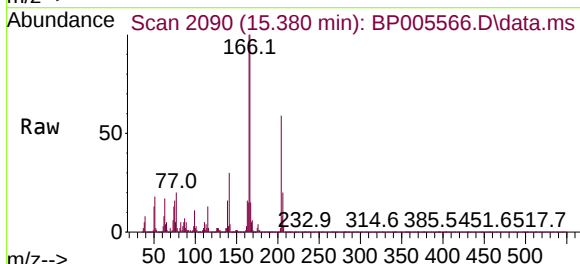
Instrument :  
BNA\_P  
ClientSampleId :  
PB136199BSD

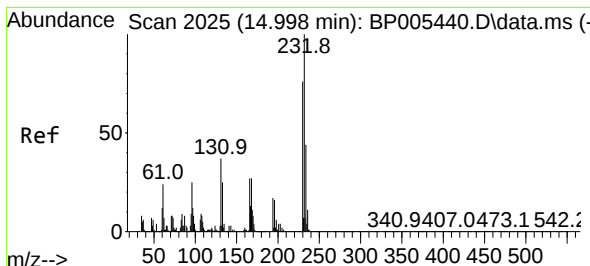
Tgt Ion:165 Resp: 35558  
Ion Ratio Lower Upper  
165 100  
63 94.4 56.7 85.1#  
89 101.2 85.8 128.6  
182 3.4 3.0 4.6



#58  
Fluorene  
Concen: 41.00 ng  
RT: 15.380 min Scan# 2090  
Delta R.T. -0.006 min  
Lab File: BP005566.D  
Acq: 15 May 2021 13:51

Tgt Ion:166 Resp: 109422  
Ion Ratio Lower Upper  
166 100  
165 100.2 78.8 118.2  
167 14.7 10.9 16.3

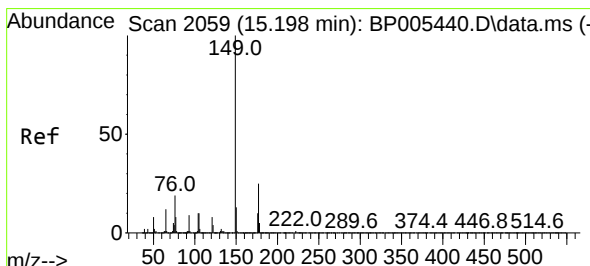
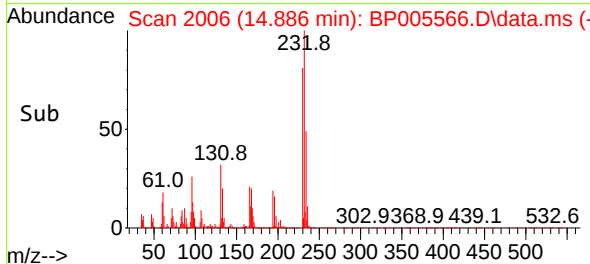
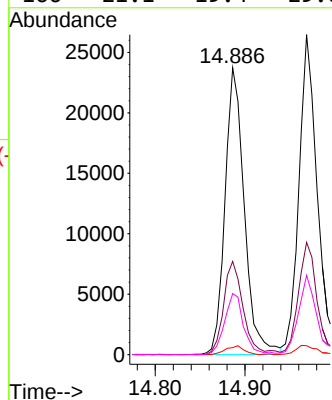
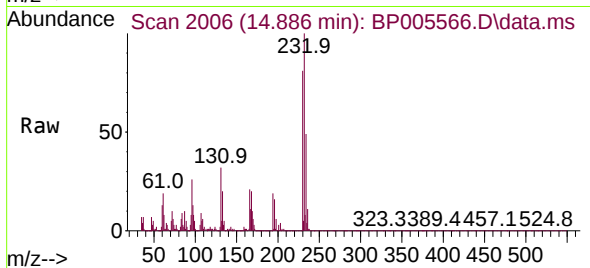




#59  
2,3,4,6-Tetrachlorophenol  
Concen: 37.80 ng  
RT: 14.886 min Scan# 2006  
Delta R.T. -0.089 min  
Lab File: BP005566.D  
Acq: 15 May 2021 13:51

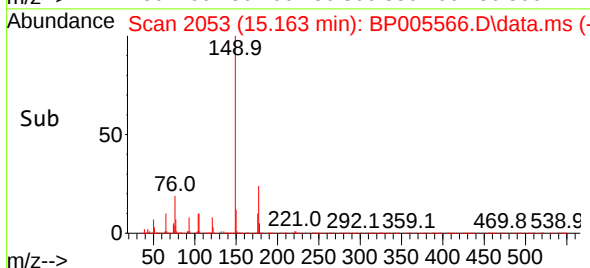
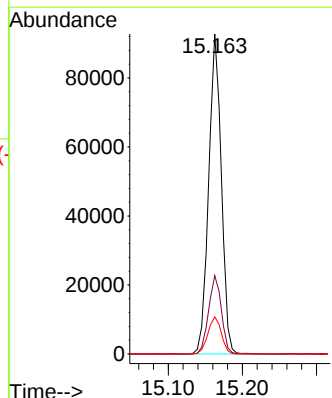
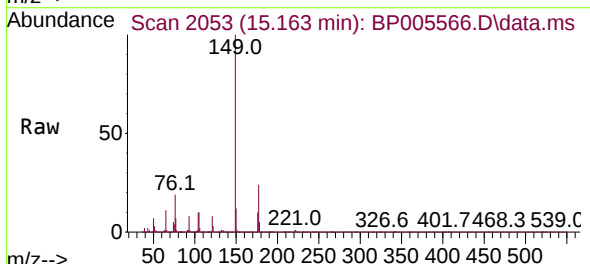
Instrument :  
BNA\_P  
ClientSampleId :  
PB136199BSD

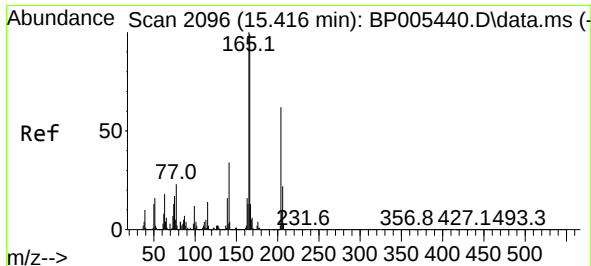
|             |       |           |
|-------------|-------|-----------|
| Tgt Ion:232 | Resp: | 35410     |
| Ion Ratio   | Lower | Upper     |
| 232         | 100   |           |
| 131         | 33.2  | 26.5 39.7 |
| 130         | 2.9   | 2.1 3.1   |
| 166         | 21.1  | 19.4 29.0 |



#60  
Diethylphthalate  
Concen: 43.41 ng  
RT: 15.163 min Scan# 2053  
Delta R.T. -0.006 min  
Lab File: BP005566.D  
Acq: 15 May 2021 13:51

|             |       |           |
|-------------|-------|-----------|
| Tgt Ion:149 | Resp: | 109759    |
| Ion Ratio   | Lower | Upper     |
| 149         | 100   |           |
| 177         | 24.5  | 19.2 28.8 |
| 150         | 11.6  | 9.9 14.9  |

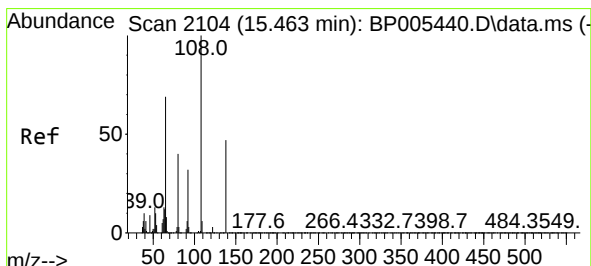
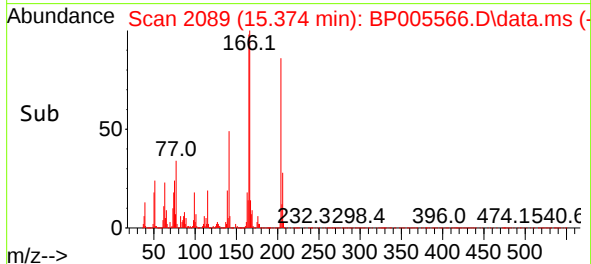
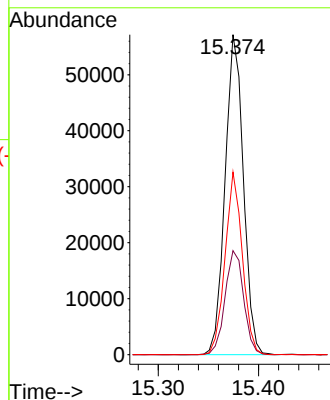
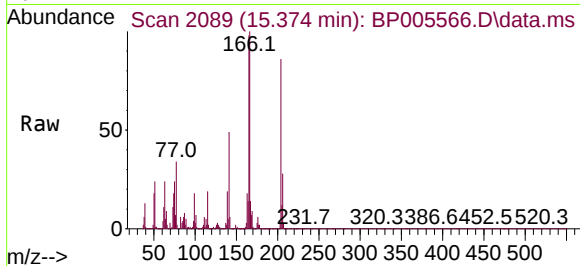




#61  
4-Chlorophenyl-phenylether  
Concen: 43.25 ng  
RT: 15.374 min Scan# 2089  
Delta R.T. -0.006 min  
Lab File: BP005566.D  
Acq: 15 May 2021 13:51

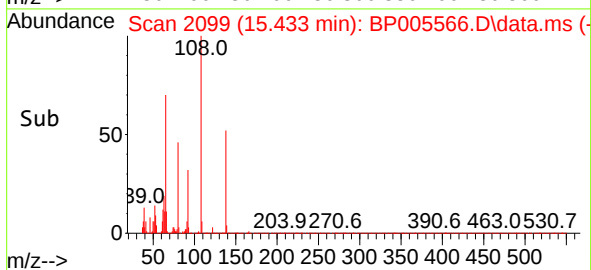
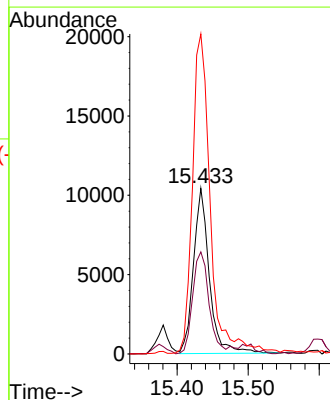
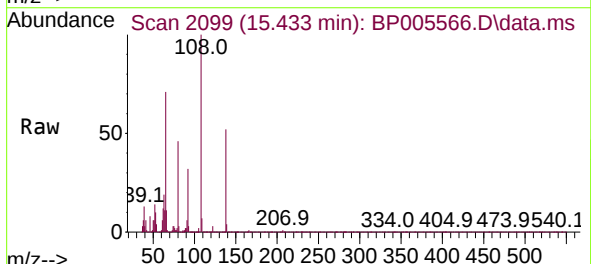
Instrument :  
BNA\_P  
ClientSampleId :  
PB136199BSD

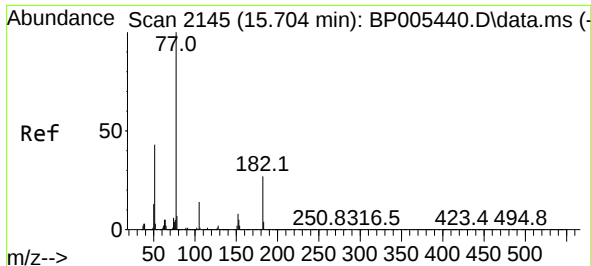
|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 204   | Resp: | 72236 |
| Ion Ratio | Lower | Upper |       |
| 204       | 100   |       |       |
| 206       | 32.5  | 26.0  | 39.0  |
| 141       | 57.1  | 44.2  | 66.2  |



#62  
4-Nitroaniline  
Concen: 40.20 ng  
RT: 15.433 min Scan# 2099  
Delta R.T. -0.000 min  
Lab File: BP005566.D  
Acq: 15 May 2021 13:51

|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 138   | Resp: | 16221 |
| Ion Ratio | Lower | Upper |       |
| 138       | 100   |       |       |
| 92        | 61.6  | 50.9  | 90.9  |
| 108       | 193.2 | 154.7 | 194.7 |

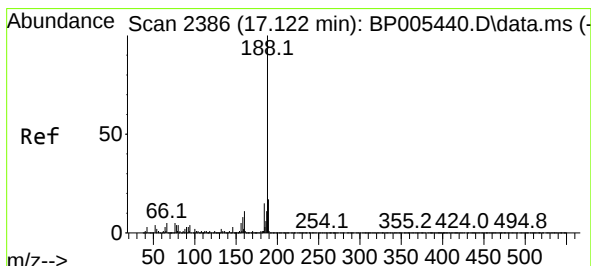
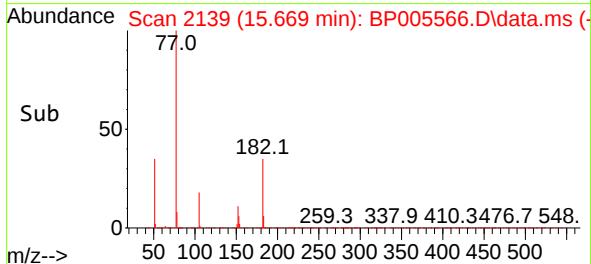
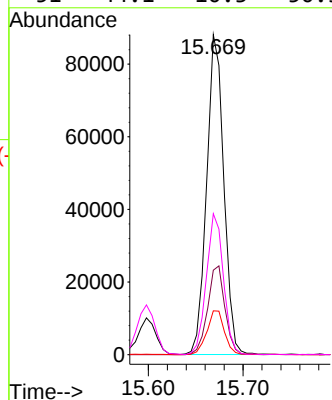
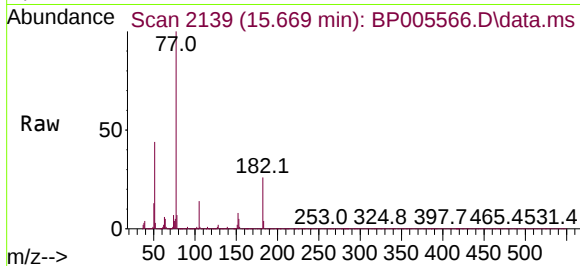




#63  
Azobenzene  
Concen: 42.49 ng  
RT: 15.669 min Scan# 2139  
Delta R.T. -0.006 min  
Lab File: BP005566.D  
Acq: 15 May 2021 13:51

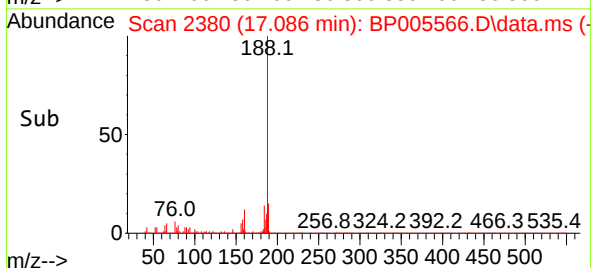
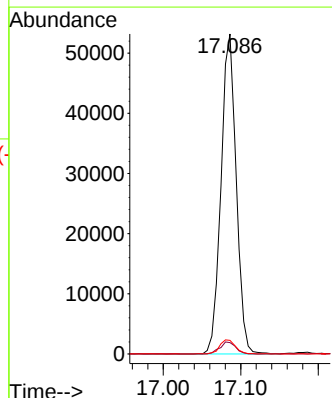
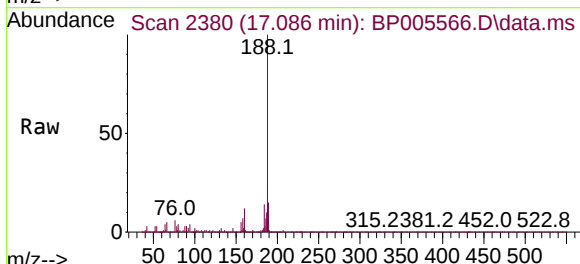
Instrument :  
BNA\_P  
ClientSampleId :  
PB136199BSD

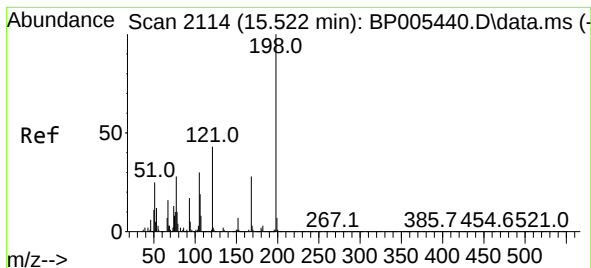
|             |              |
|-------------|--------------|
| Tgt Ion: 77 | Resp: 110745 |
| Ion Ratio   | Lower Upper  |
| 77 100      |              |
| 182 26.4    | 5.5 45.5     |
| 105 13.7    | 0.0 36.5     |
| 51 44.1     | 10.3 50.3    |



#64  
Phenanthrene-d10  
Concen: 20.00 ng  
RT: 17.086 min Scan# 2380  
Delta R.T. -0.000 min  
Lab File: BP005566.D  
Acq: 15 May 2021 13:51

|              |             |
|--------------|-------------|
| Tgt Ion: 188 | Resp: 72821 |
| Ion Ratio    | Lower Upper |
| 188 100      |             |
| 94 3.5       | 5.0 7.6#    |
| 80 4.3       | 5.9 8.9#    |

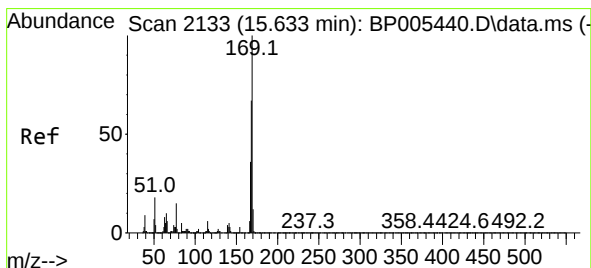
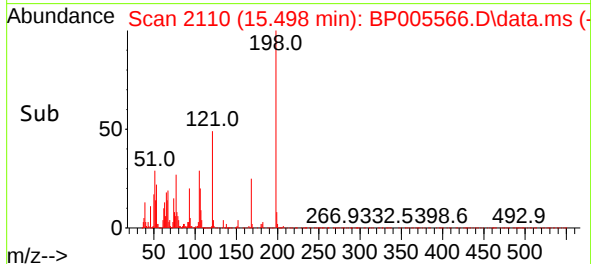
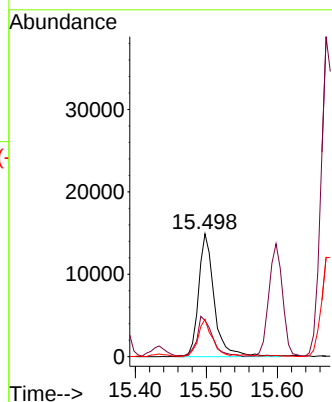
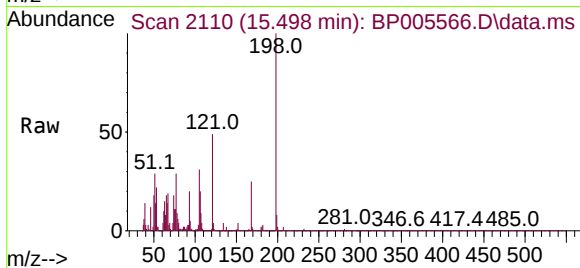




#65  
4,6-Dinitro-2-methylphenol  
Concen: 39.50 ng  
RT: 15.498 min Scan# 2110  
Delta R.T. -0.006 min  
Lab File: BP005566.D  
Acq: 15 May 2021 13:51

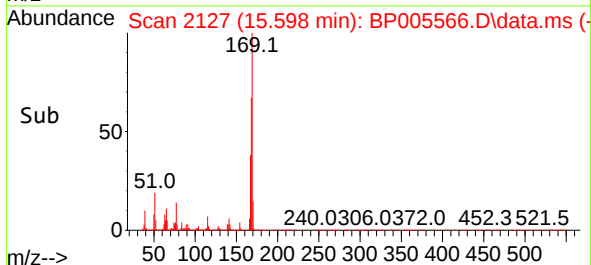
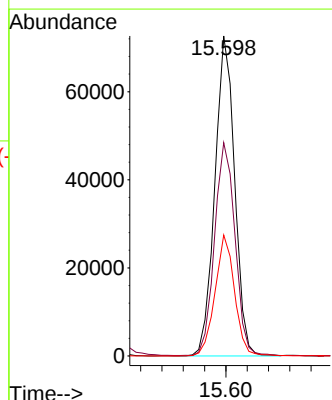
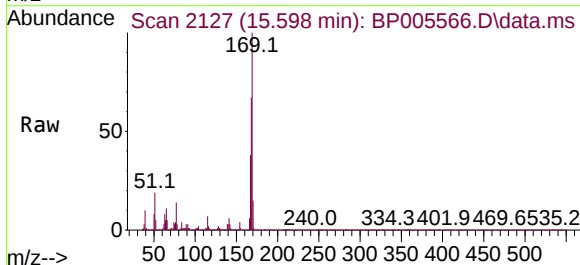
Instrument :  
BNA\_P  
ClientSampleId :  
PB136199BSD

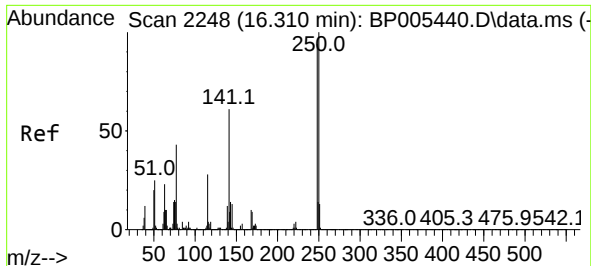
Tgt Ion:198 Resp: 22794  
Ion Ratio Lower Upper  
198 100  
51 29.5 10.3 50.3  
105 30.5 13.6 53.6



#66  
n-Nitrosodiphenylamine  
Concen: 44.06 ng  
RT: 15.598 min Scan# 2127  
Delta R.T. -0.006 min  
Lab File: BP005566.D  
Acq: 15 May 2021 13:51

Tgt Ion:169 Resp: 93634  
Ion Ratio Lower Upper  
169 100  
168 66.7 55.2 82.8  
167 37.8 36.6 54.8

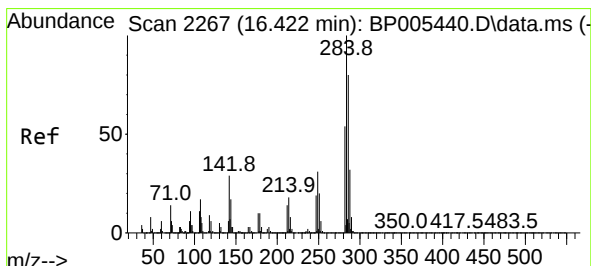
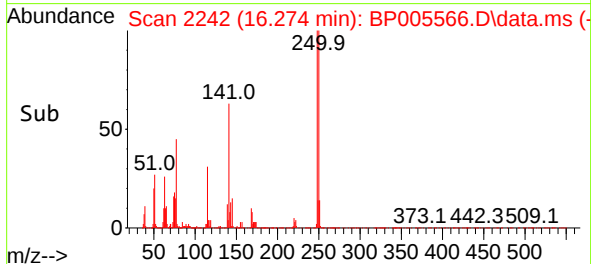
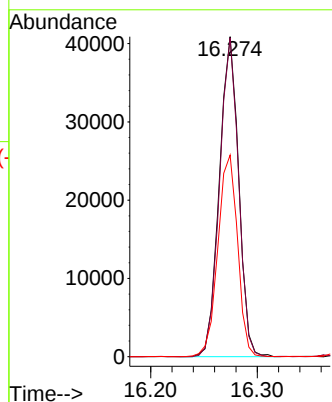
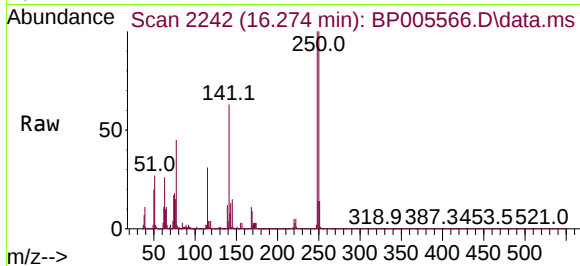




#67  
4-Bromophenyl-phenylether  
Concen: 45.14 ng  
RT: 16.274 min Scan# 2242  
Delta R.T. -0.006 min  
Lab File: BP005566.D  
Acq: 15 May 2021 13:51

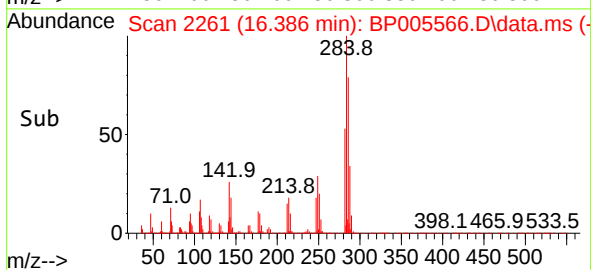
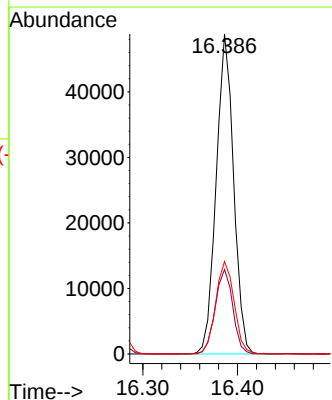
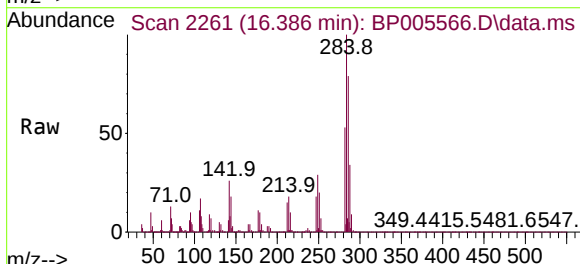
Instrument :  
BNA\_P  
ClientSampleId :  
PB136199BSD

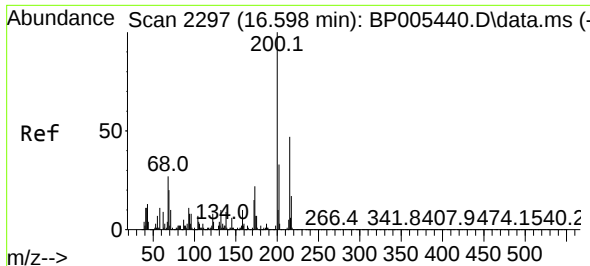
Tgt Ion:248 Resp: 51310  
Ion Ratio Lower Upper  
248 100  
250 99.6 77.5 116.3  
141 63.0 50.1 75.1



#68  
Hexachlorobenzene  
Concen: 43.24 ng  
RT: 16.386 min Scan# 2261  
Delta R.T. -0.006 min  
Lab File: BP005566.D  
Acq: 15 May 2021 13:51

Tgt Ion:284 Resp: 62331  
Ion Ratio Lower Upper  
284 100  
142 26.4 20.8 31.2  
249 28.9 23.7 35.5

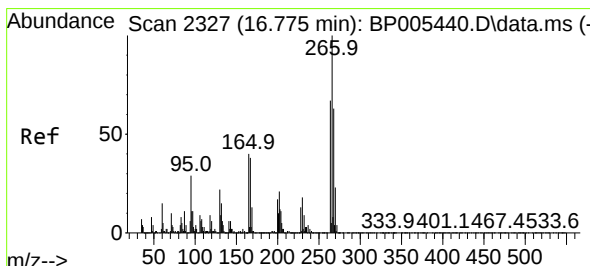
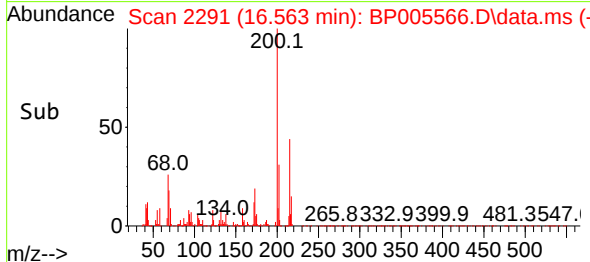
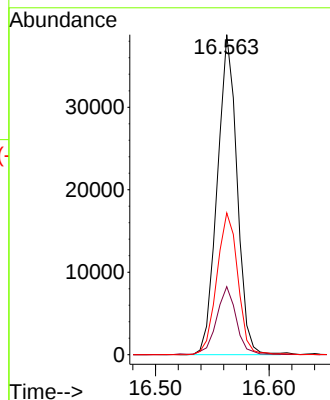
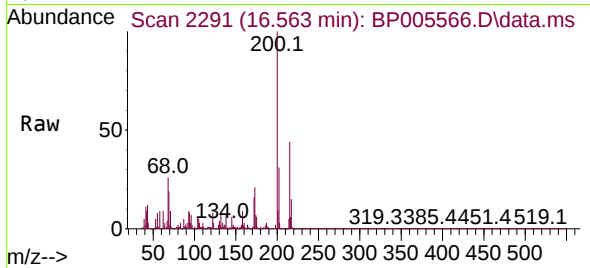




#69  
Atrazine  
Concen: 47.28 ng  
RT: 16.563 min Scan# 2291  
Delta R.T. -0.006 min  
Lab File: BP005566.D  
Acq: 15 May 2021 13:51

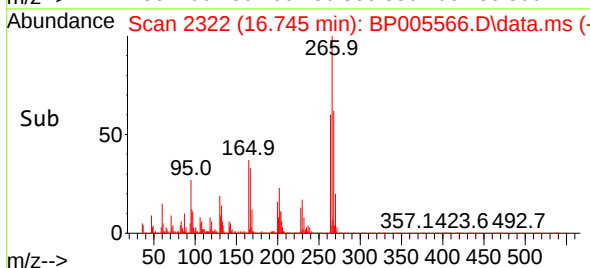
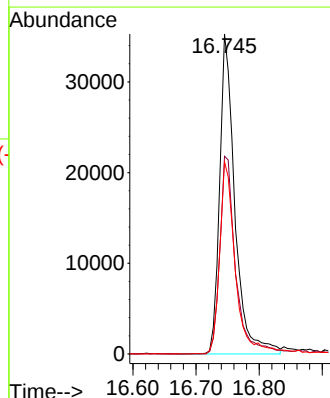
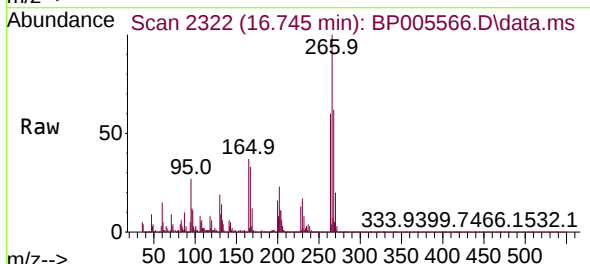
Instrument :  
BNA\_P  
ClientSampleId :  
PB136199BSD

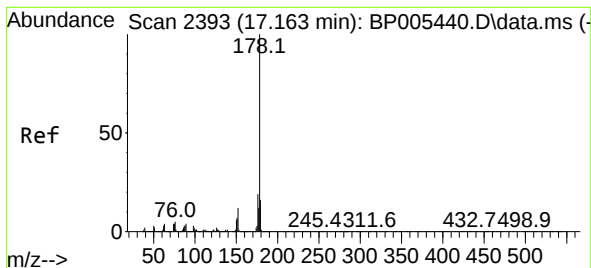
Tgt Ion:200 Resp: 46934  
Ion Ratio Lower Upper  
200 100  
173 21.3 0.7 40.7  
215 44.3 29.0 69.0



#70  
Pentachlorophenol  
Concen: 77.35 ng  
RT: 16.745 min Scan# 2322  
Delta R.T. -0.006 min  
Lab File: BP005566.D  
Acq: 15 May 2021 13:51

Tgt Ion:266 Resp: 59161  
Ion Ratio Lower Upper  
266 100  
268 61.8 49.4 74.0  
264 60.1 53.7 80.5

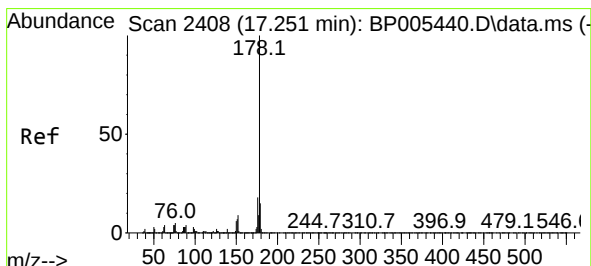
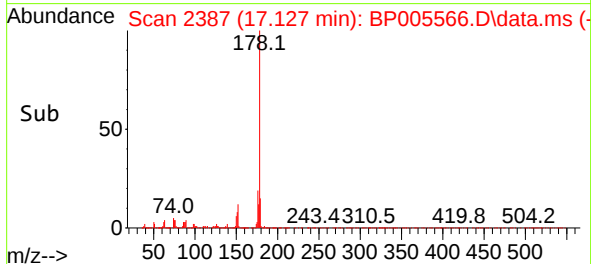
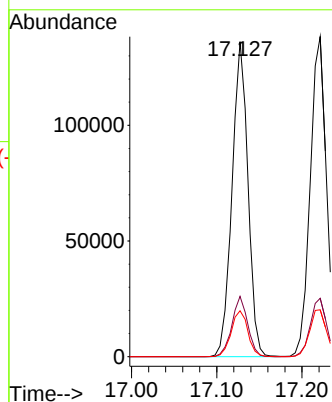
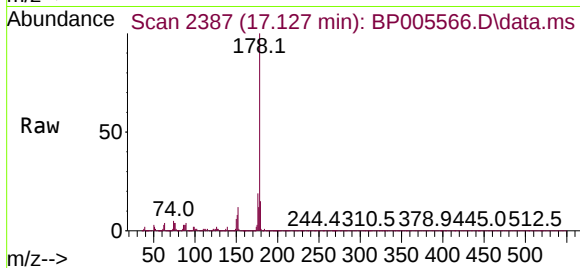




#71  
Phenanthrene  
Concen: 42.63 ng  
RT: 17.127 min Scan# 2387  
Delta R.T. -0.006 min  
Lab File: BP005566.D  
Acq: 15 May 2021 13:51

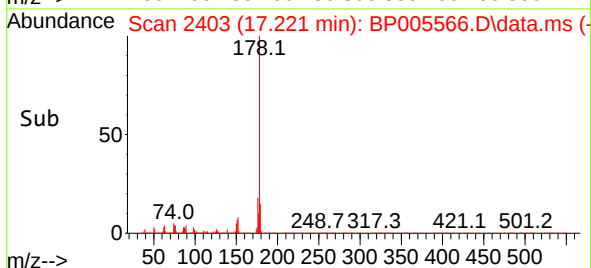
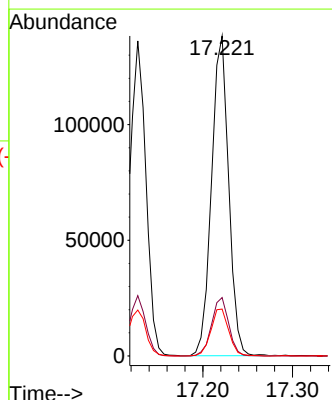
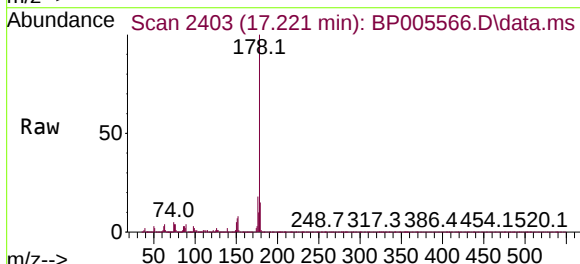
Instrument :  
BNA\_P  
ClientSampleId :  
PB136199BSD

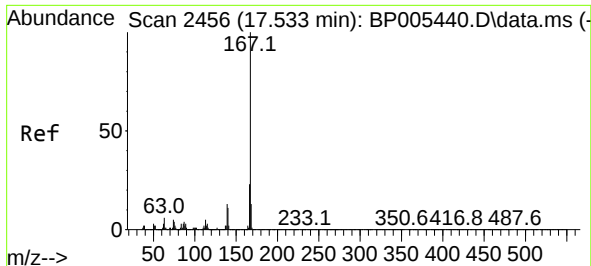
Tgt Ion:178 Resp: 176409  
Ion Ratio Lower Upper  
178 100  
176 19.1 15.4 23.2  
179 14.6 12.3 18.5



#72  
Anthracene  
Concen: 44.58 ng  
RT: 17.221 min Scan# 2403  
Delta R.T. -0.006 min  
Lab File: BP005566.D  
Acq: 15 May 2021 13:51

Tgt Ion:178 Resp: 183081  
Ion Ratio Lower Upper  
178 100  
176 18.3 15.2 22.8  
179 14.6 12.6 19.0

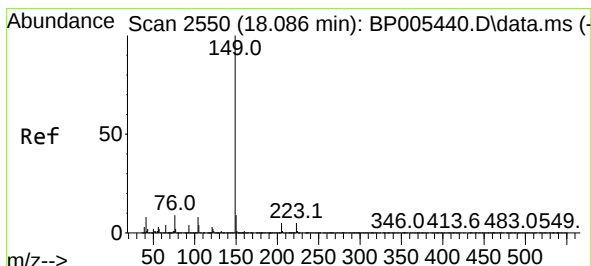
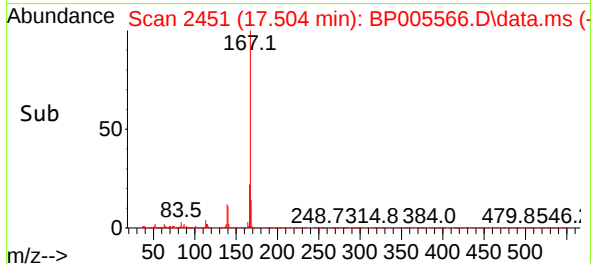
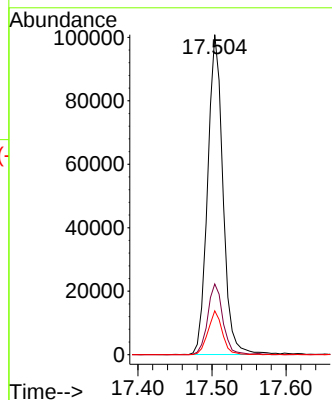
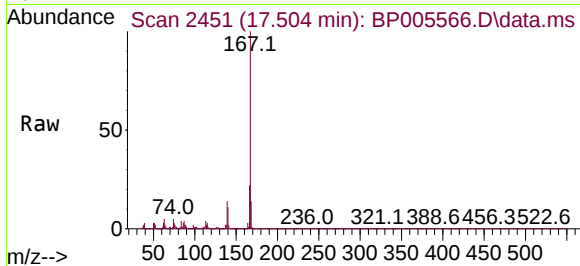




#73  
 Carbazole  
 Concen: 40.02 ng  
 RT: 17.504 min Scan# 2451  
 Delta R.T. -0.006 min  
 Lab File: BP005566.D  
 Acq: 15 May 2021 13:51

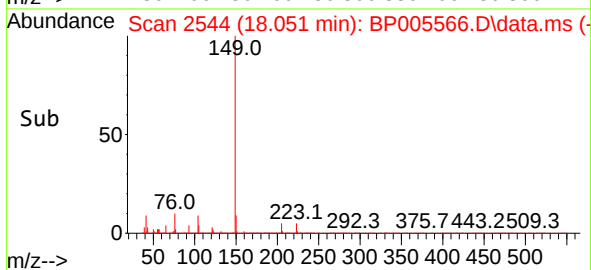
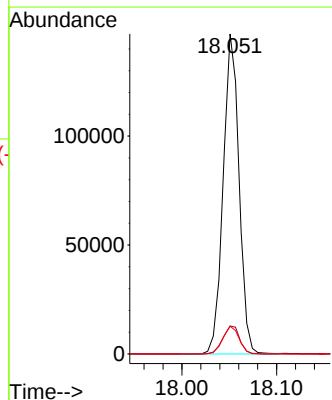
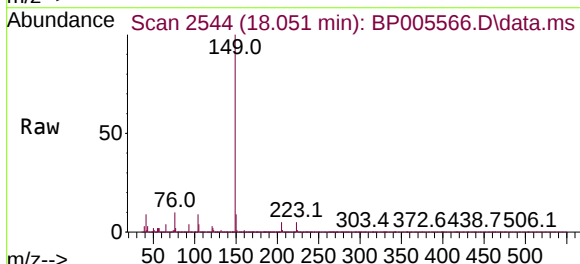
Instrument :  
 BNA\_P  
 ClientSampleId :  
 PB136199BSD

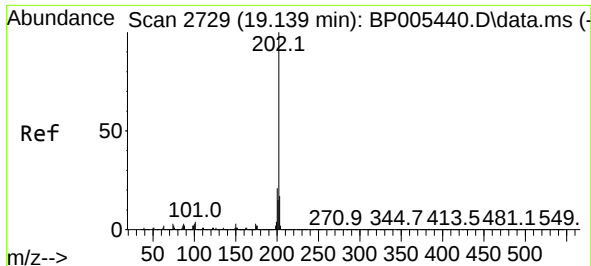
|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 167   | Resp: | 144739 |
| Ion Ratio | Lower | Upper |        |
| 167       | 100   |       |        |
| 166       | 22.1  | 17.4  | 26.0   |
| 139       | 13.7  | 10.4  | 15.6   |



#74  
 Di-n-butylphthalate  
 Concen: 43.14 ng  
 RT: 18.051 min Scan# 2544  
 Delta R.T. -0.006 min  
 Lab File: BP005566.D  
 Acq: 15 May 2021 13:51

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 149   | Resp: | 171244 |
| Ion Ratio | Lower | Upper |        |
| 149       | 100   |       |        |
| 150       | 8.8   | 7.6   | 11.4   |
| 104       | 8.7   | 8.9   | 13.3#  |

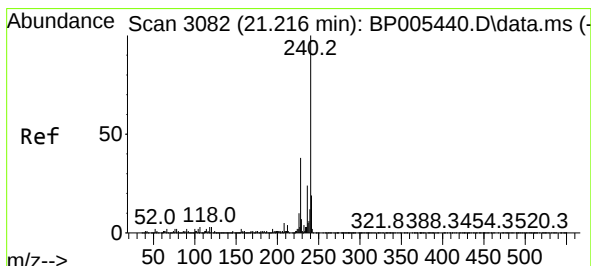
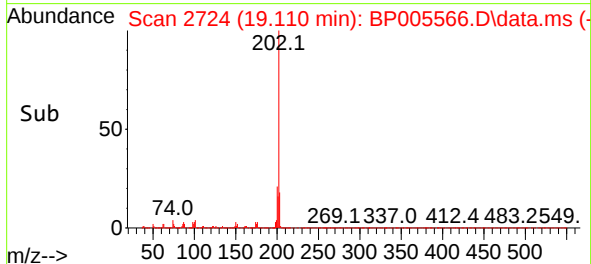
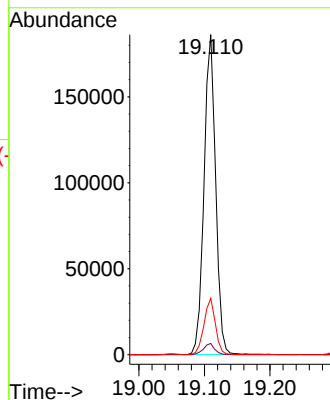
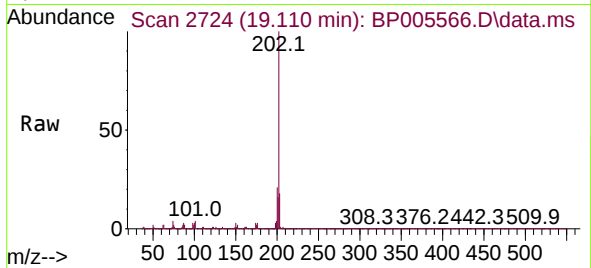




#75  
Fluoranthene  
Concen: 40.37 ng  
RT: 19.110 min Scan# 2724  
Delta R.T. -0.000 min  
Lab File: BP005566.D  
Acq: 15 May 2021 13:51

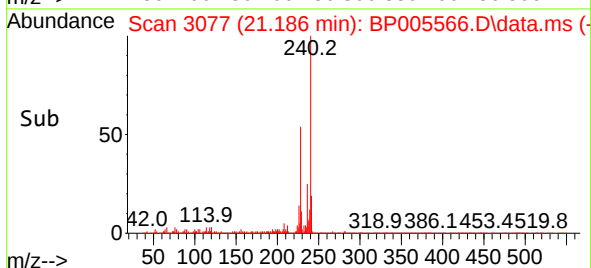
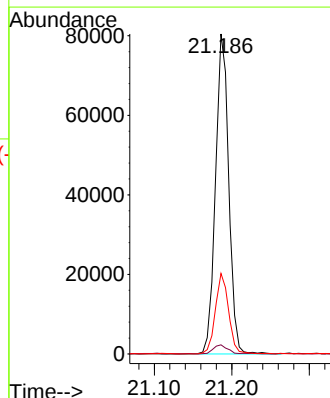
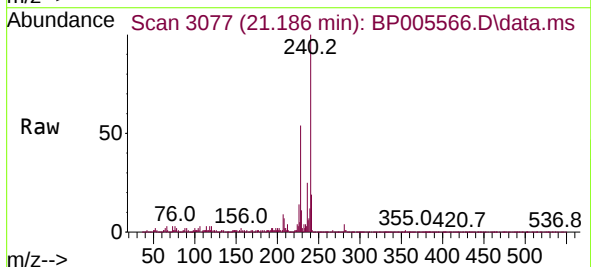
Instrument :  
BNA\_P  
ClientSampleId :  
PB136199BSD

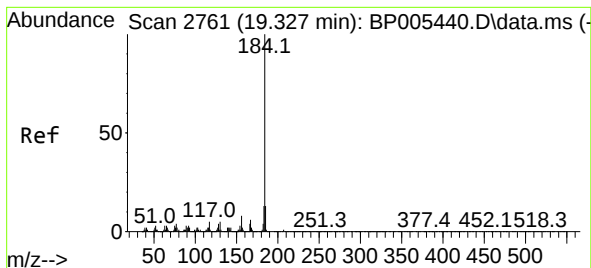
|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 202   | Resp: | 229743 |
| Ion Ratio | Lower | Upper |        |
| 202       | 100   |       |        |
| 101       | 3.5   | 0.0   | 26.1   |
| 203       | 17.6  | 0.0   | 37.2   |



#76  
Chrysene-d12  
Concen: 20.00 ng  
RT: 21.186 min Scan# 3077  
Delta R.T. -0.006 min  
Lab File: BP005566.D  
Acq: 15 May 2021 13:51

|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 240   | Resp: | 95333 |
| Ion Ratio | Lower | Upper |       |
| 240       | 100   |       |       |
| 120       | 2.8   | 4.2   | 6.2#  |
| 236       | 25.2  | 20.2  | 30.2  |





#77

Benzidine

Concen: 87.78 ng

RT: 19.298 min Scan# 2756

Delta R.T. -0.006 min

Lab File: BP005566.D

Acq: 15 May 2021 13:51

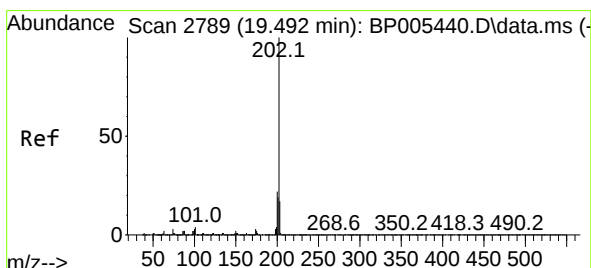
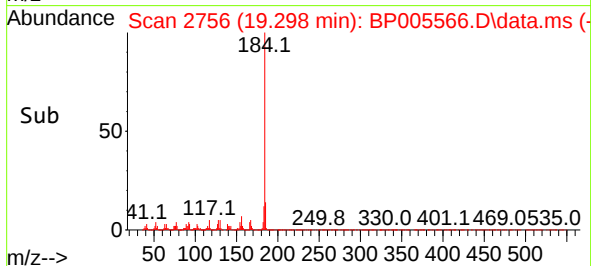
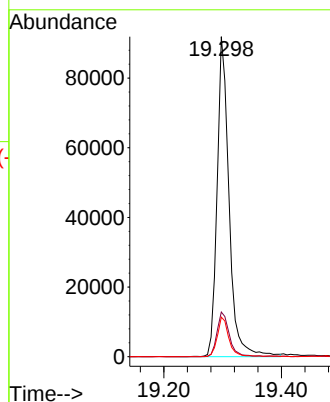
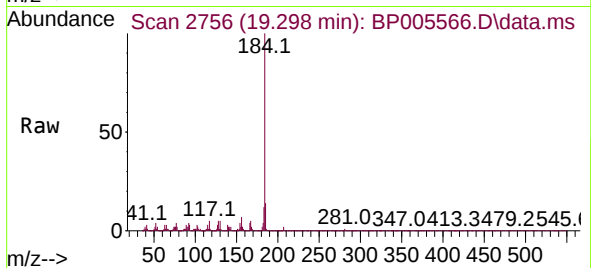
Tgt Ion:184 Resp: 129526

Ion Ratio Lower Upper

184 100

185 14.0 11.1 16.7

183 12.4 9.8 14.8



#78

Pyrene

Concen: 43.13 ng

RT: 19.462 min Scan# 2784

Delta R.T. -0.000 min

Lab File: BP005566.D

Acq: 15 May 2021 13:51

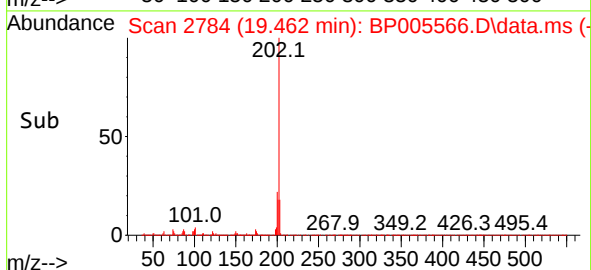
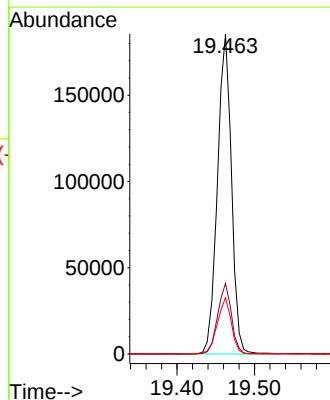
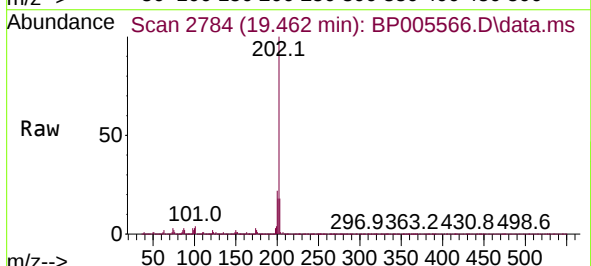
Tgt Ion:202 Resp: 232788

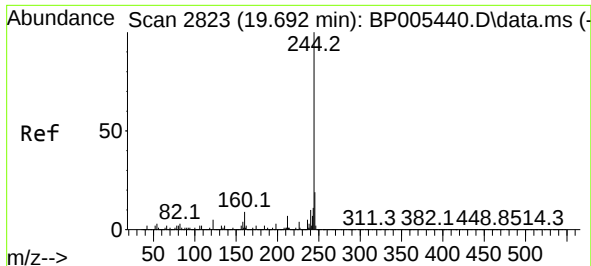
Ion Ratio Lower Upper

202 100

200 22.0 16.9 25.3

203 17.5 13.8 20.6

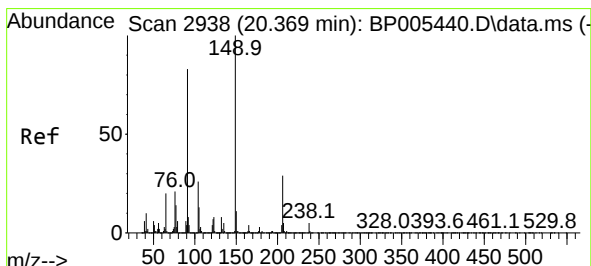
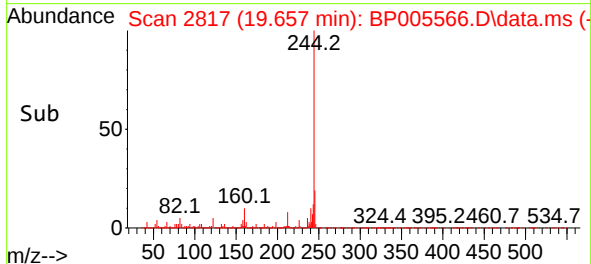
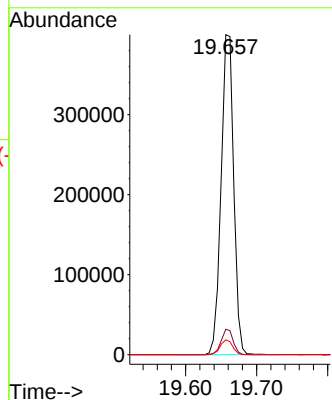
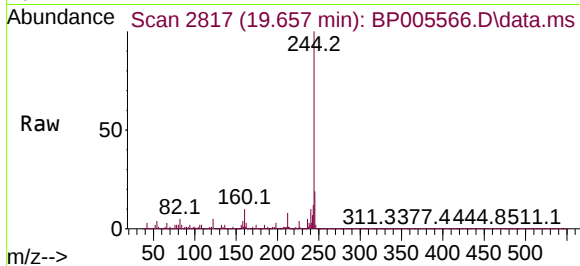




#79  
 Terphenyl-d14  
 Concen: 87.41 ng  
 RT: 19.657 min Scan# 2817  
 Delta R.T. -0.006 min  
 Lab File: BP005566.D  
 Acq: 15 May 2021 13:51

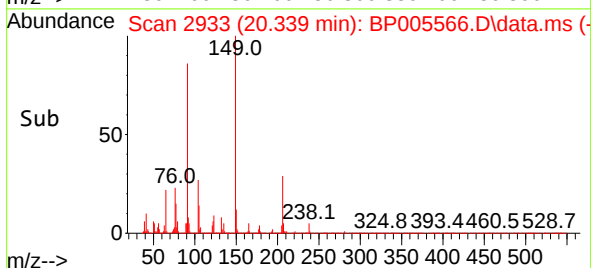
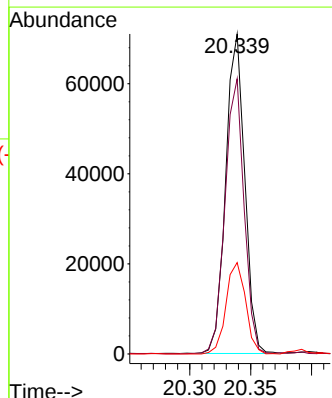
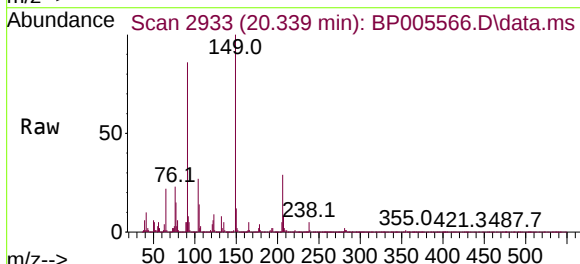
Instrument :  
 BNA\_P  
 ClientSampleId :  
 PB136199BSD

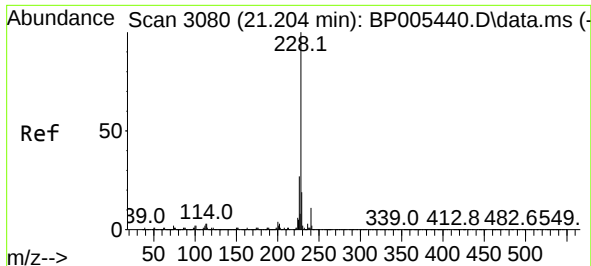
Tgt Ion:244 Resp: 490663  
 Ion Ratio Lower Upper  
 244 100  
 212 7.9 5.8 8.6  
 122 4.6 5.2 7.8#



#80  
 Butylbenzylphthalate  
 Concen: 44.24 ng  
 RT: 20.339 min Scan# 2933  
 Delta R.T. -0.000 min  
 Lab File: BP005566.D  
 Acq: 15 May 2021 13:51

Tgt Ion:149 Resp: 77147  
 Ion Ratio Lower Upper  
 149 100  
 91 86.0 60.2 90.4  
 206 28.5 23.9 35.9

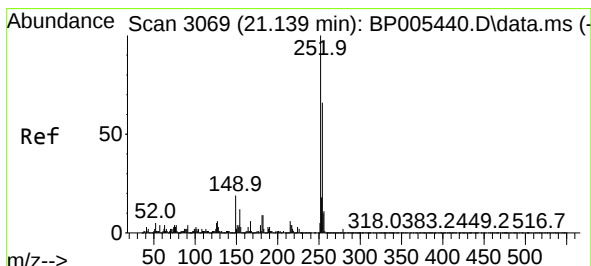
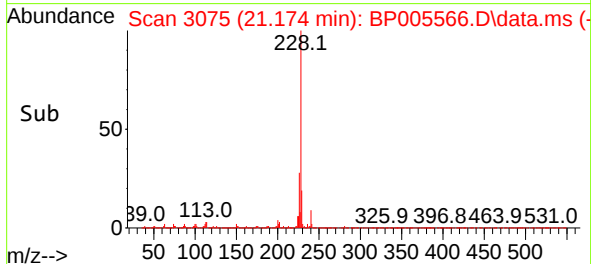
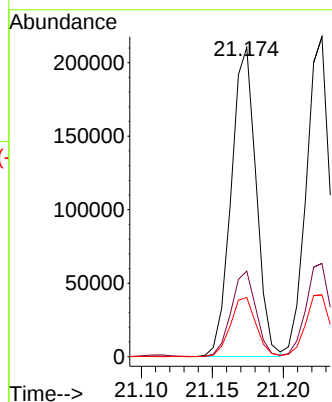
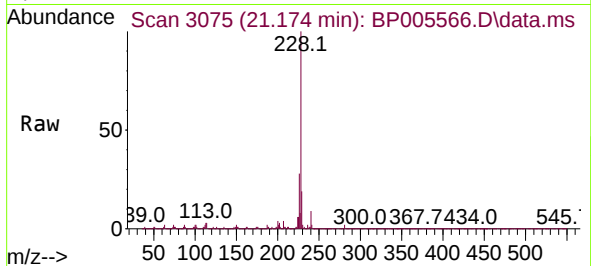




#81  
Benzo(a)anthracene  
Concen: 41.65 ng  
RT: 21.174 min Scan# 3075  
Delta R.T. -0.000 min  
Lab File: BP005566.D  
Acq: 15 May 2021 13:51

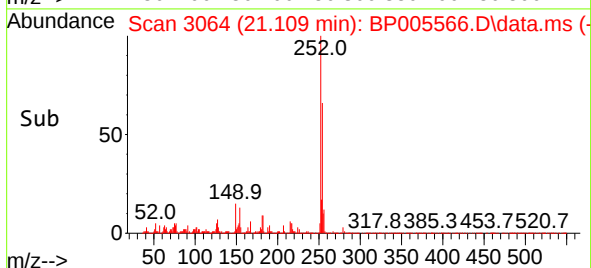
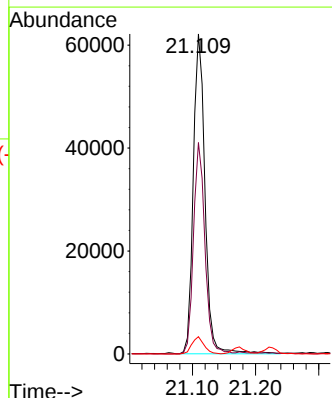
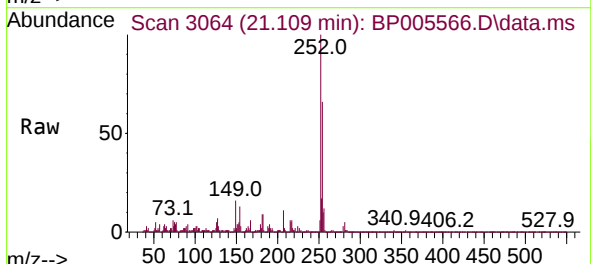
Instrument :  
BNA\_P  
ClientSampleId :  
PB136199BSD

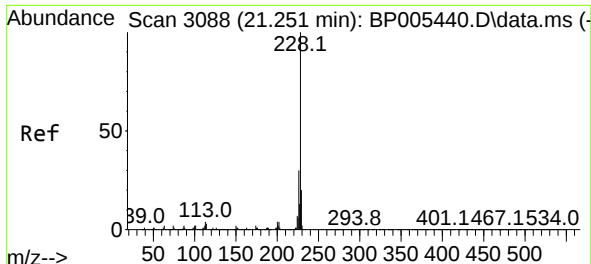
Tgt Ion:228 Resp: 257269  
Ion Ratio Lower Upper  
228 100  
226 27.7 21.2 31.8  
229 19.1 15.6 23.4



#82  
3,3'-Dichlorobenzidine  
Concen: 34.44 ng  
RT: 21.109 min Scan# 3064  
Delta R.T. -0.006 min  
Lab File: BP005566.D  
Acq: 15 May 2021 13:51

Tgt Ion:252 Resp: 80170  
Ion Ratio Lower Upper  
252 100  
254 66.0 49.9 74.9  
126 5.4 5.5 8.3#

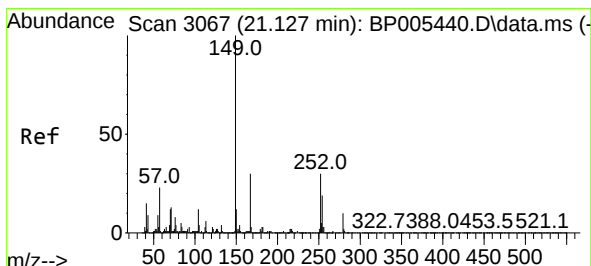
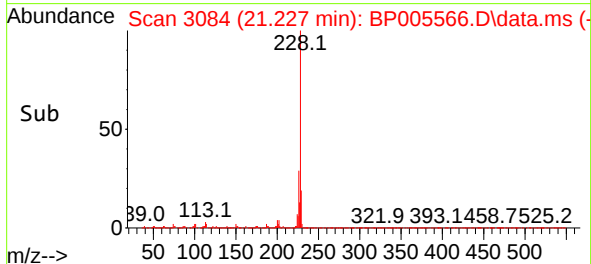
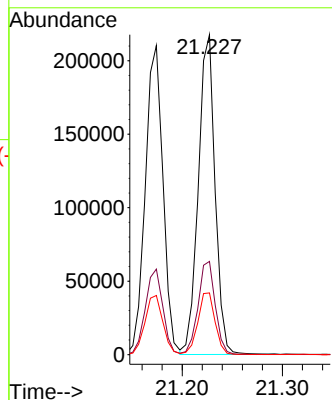
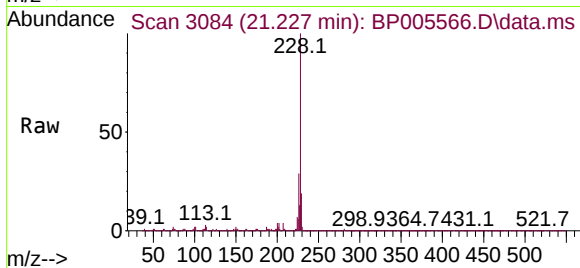




#83  
Chrysene  
Concen: 42.25 ng  
RT: 21.227 min Scan# 3084  
Delta R.T. -0.000 min  
Lab File: BP005566.D  
Acq: 15 May 2021 13:51

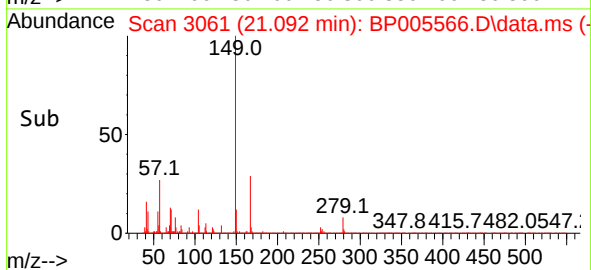
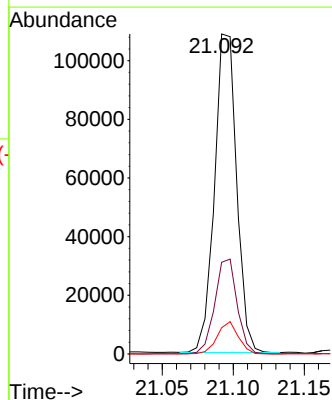
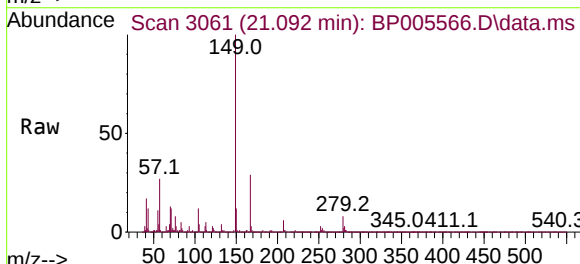
Instrument :  
BNA\_P  
ClientSampleId :  
PB136199BSD

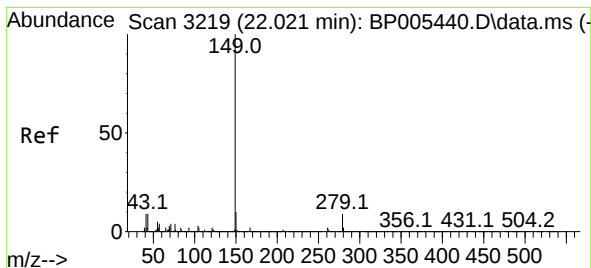
Tgt Ion:228 Resp: 253007  
Ion Ratio Lower Upper  
228 100  
226 29.1 24.8 37.2  
229 19.3 15.4 23.0



#84  
Bis(2-ethylhexyl)phthalate  
Concen: 44.14 ng  
RT: 21.092 min Scan# 3061  
Delta R.T. -0.006 min  
Lab File: BP005566.D  
Acq: 15 May 2021 13:51

Tgt Ion:149 Resp: 117710  
Ion Ratio Lower Upper  
149 100  
167 28.6 23.8 35.8  
279 8.2 5.7 8.5

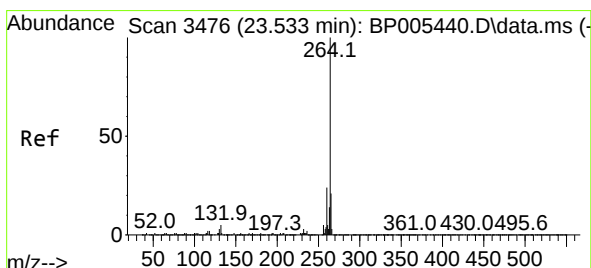
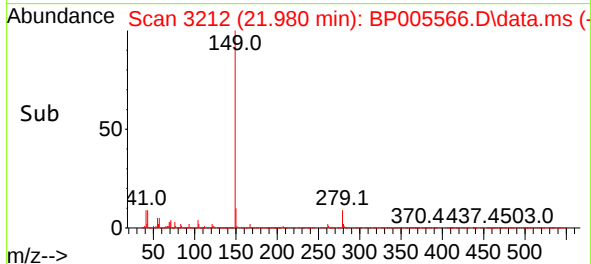
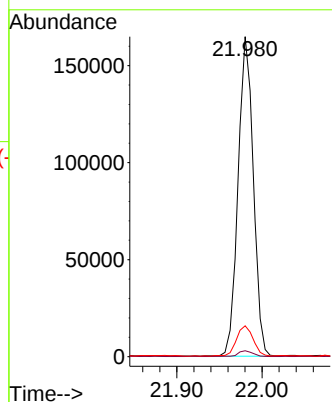
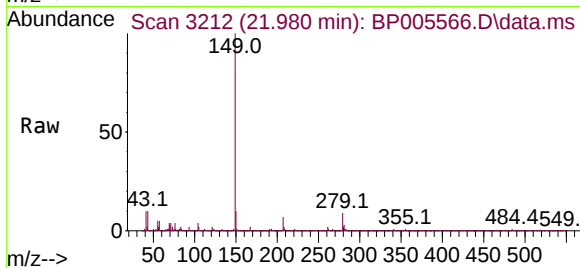




#85  
Di-n-octyl phthalate  
Concen: 45.73 ng  
RT: 21.980 min Scan# 3212  
Delta R.T. -0.006 min  
Lab File: BP005566.D  
Acq: 15 May 2021 13:51

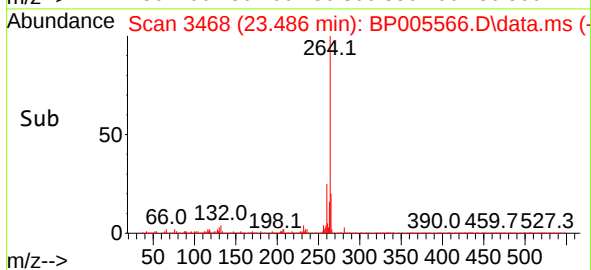
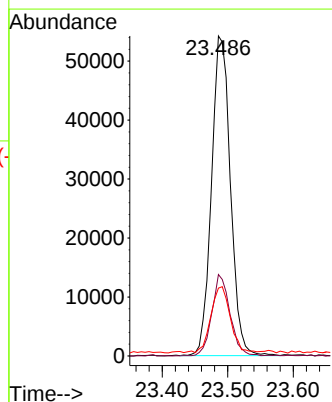
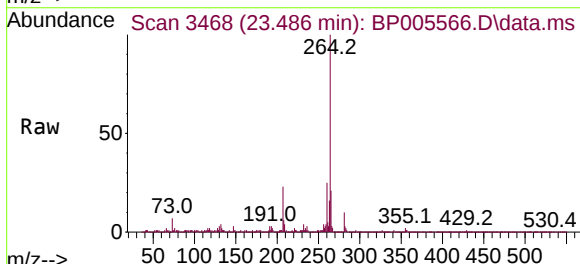
Instrument :  
BNA\_P  
ClientSampleId :  
PB136199BSD

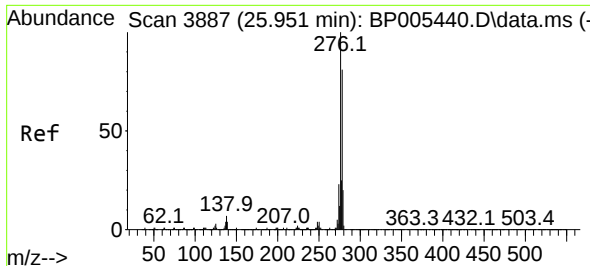
Tgt Ion:149 Resp: 204821  
Ion Ratio Lower Upper  
149 100  
167 1.8 1.5 2.3  
43 10.4 5.1 7.7#



#86  
Perylene-d12  
Concen: 20.00 ng  
RT: 23.486 min Scan# 3468  
Delta R.T. -0.012 min  
Lab File: BP005566.D  
Acq: 15 May 2021 13:51

Tgt Ion:264 Resp: 108744  
Ion Ratio Lower Upper  
264 100  
260 25.5 20.6 30.8  
265 21.2 19.0 28.6

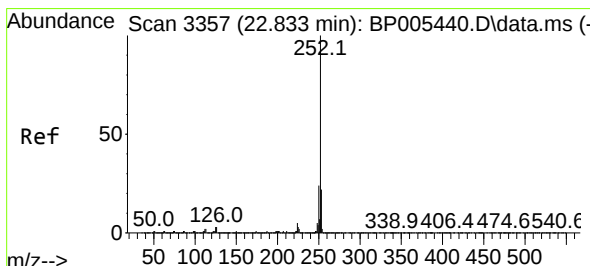
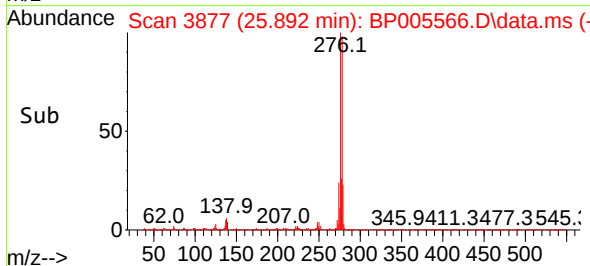
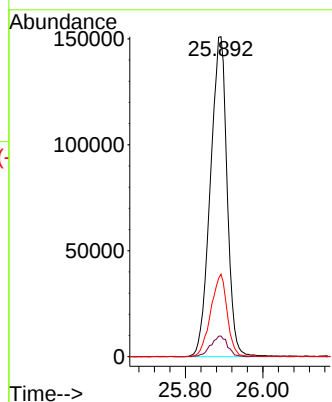
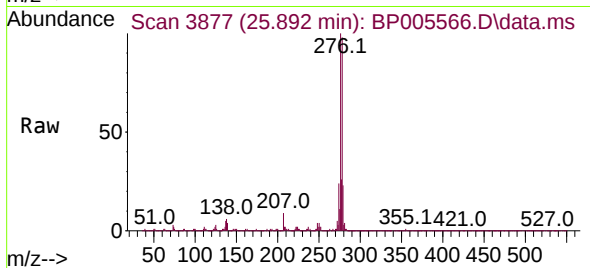




#87  
Indeno(1,2,3-cd)pyrene  
Concen: 49.52 ng  
RT: 25.892 min Scan# 3877  
Delta R.T. -0.012 min  
Lab File: BP005566.D  
Acq: 15 May 2021 13:51

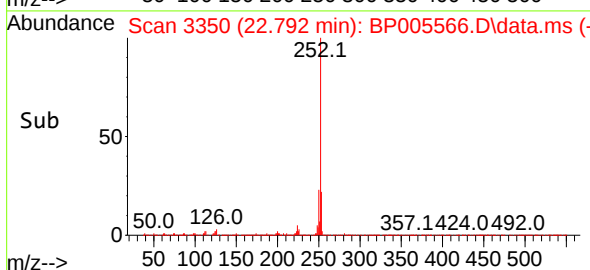
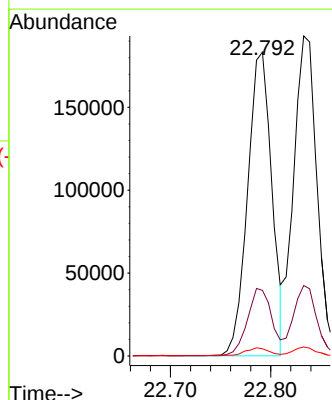
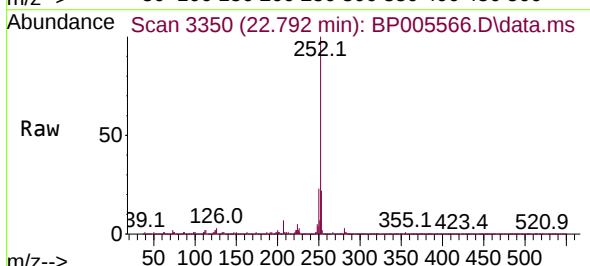
Instrument :  
BNA\_P  
ClientSampleId :  
PB136199BSD

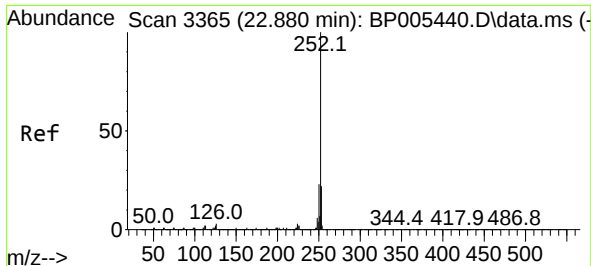
Tgt Ion:276 Resp: 452993  
Ion Ratio Lower Upper  
276 100  
138 6.6 8.4 12.6#  
277 25.1 20.6 31.0



#88  
Benzo(b)fluoranthene  
Concen: 42.41 ng  
RT: 22.792 min Scan# 3350  
Delta R.T. -0.006 min  
Lab File: BP005566.D  
Acq: 15 May 2021 13:51

Tgt Ion:252 Resp: 307333  
Ion Ratio Lower Upper  
252 100  
253 21.6 18.2 27.2  
125 2.4 3.4 5.0#

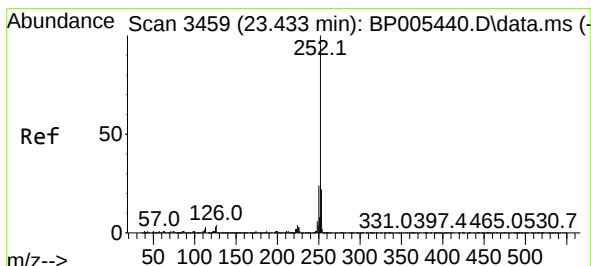
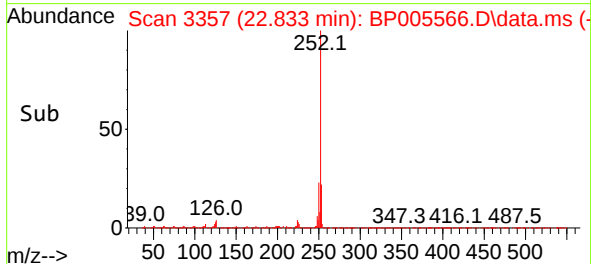
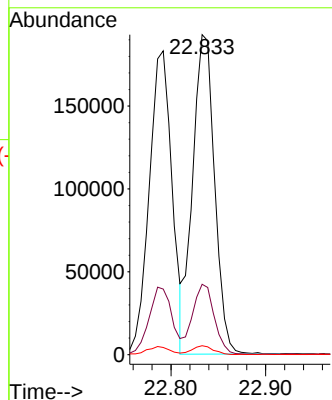
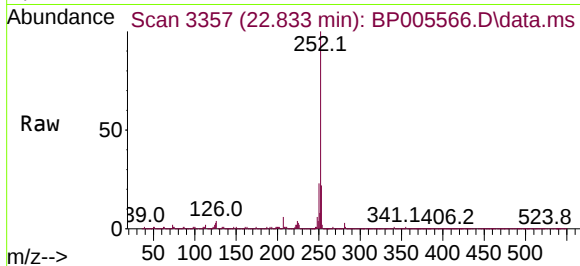




#89  
Benzo(k)fluoranthene  
Concen: 43.96 ng  
RT: 22.833 min Scan# 3357  
Delta R.T. -0.012 min  
Lab File: BP005566.D  
Acq: 15 May 2021 13:51

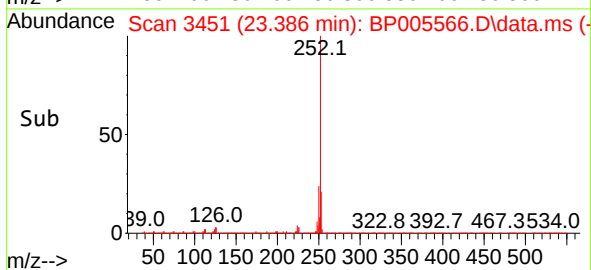
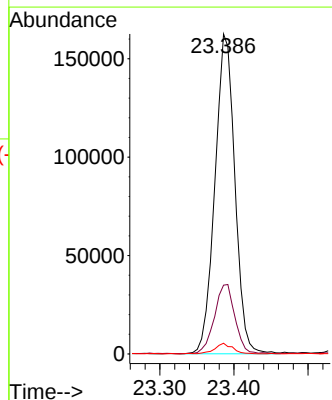
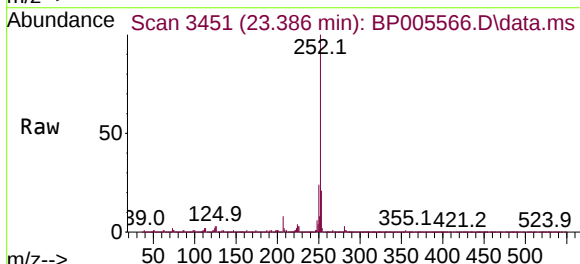
Instrument :  
BNA\_P  
ClientSampleId :  
PB136199BSD

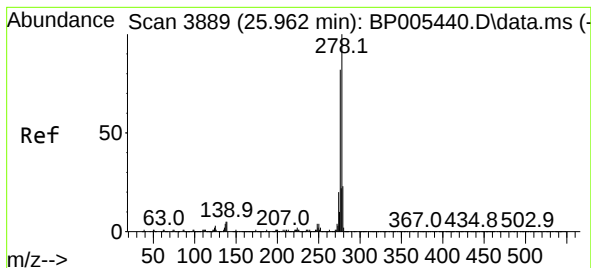
Tgt Ion:252 Resp: 311501  
Ion Ratio Lower Upper  
252 100  
253 22.0 17.2 25.8  
125 2.8 3.8 5.6#



#90  
Benzo(a)pyrene  
Concen: 45.74 ng  
RT: 23.386 min Scan# 3451  
Delta R.T. -0.012 min  
Lab File: BP005566.D  
Acq: 15 May 2021 13:51

Tgt Ion:252 Resp: 303818  
Ion Ratio Lower Upper  
252 100  
253 21.5 17.1 25.7  
125 3.4 3.8 5.6#

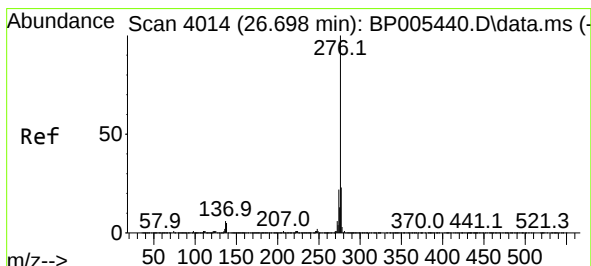
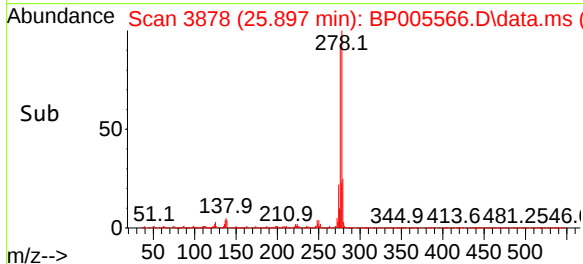
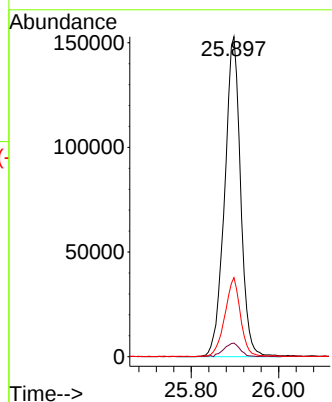
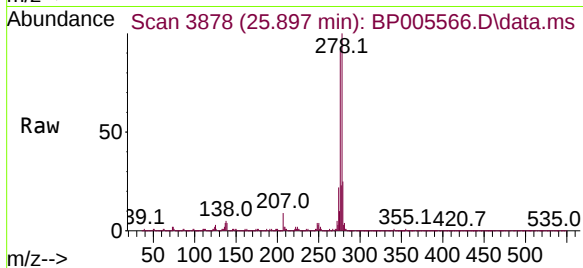




#91  
Dibenzo(a,h)anthracene  
Concen: 47.89 ng  
RT: 25.897 min Scan# 3878  
Delta R.T. -0.012 min  
Lab File: BP005566.D  
Acq: 15 May 2021 13:51

Instrument :  
BNA\_P  
ClientSampleId :  
PB136199BSD

Tgt Ion:278 Resp: 386557  
Ion Ratio Lower Upper  
278 100  
139 4.2 5.0 7.6#  
279 24.7 18.6 28.0



#92  
Benzo(g,h,i)perylene  
Concen: 49.10 ng  
RT: 26.627 min Scan# 4002  
Delta R.T. -0.012 min  
Lab File: BP005566.D  
Acq: 15 May 2021 13:51

Tgt Ion:276 Resp: 366717  
Ion Ratio Lower Upper  
276 100  
277 24.4 19.8 29.8  
138 5.3 7.7 11.5#

