

Data Path : Z:\svoasrv\HPCHEM1\BNA\_P\Data\BP051721\  
 Data File : BP005583.D  
 Acq On : 17 May 2021 16:32  
 Operator : CG/JU  
 Sample : PB136455BS  
 Misc :  
 ALS Vial : 4 Sample Multiplier: 1

Instrument :  
 BNA\_P  
 ClientSampleId :  
 PB136455BS

Quant Time: May 17 18:11:45 2021  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_P\Methods\8270E-BP050521.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Mon May 17 15:35:47 2021  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc   | Units | Dev(Min) |
|-------------------------------|--------|------|----------|--------|-------|----------|
| -----                         |        |      |          |        |       |          |
| Internal Standards            |        |      |          |        |       |          |
| 1) 1,4-Dichlorobenzene-d4     | 7.658  | 152  | 10883    | 20.00  | ng    | 0.00     |
| 21) Naphthalene-d8            | 10.452 | 136  | 35779    | 20.00  | ng    | # 0.00   |
| 39) Acenaphthene-d10          | 14.316 | 164  | 29684    | 20.00  | ng    | 0.00     |
| 64) Phenanthrene-d10          | 17.075 | 188  | 74901    | 20.00  | ng    | # 0.00   |
| 76) Chrysene-d12              | 21.180 | 240  | 110278   | 20.00  | ng    | # 0.00   |
| 86) Perylene-d12              | 23.468 | 264  | 110252   | 20.00  | ng    | 0.00     |
| System Monitoring Compounds   |        |      |          |        |       |          |
| 5) 2-Fluorophenol             | 5.258  | 112  | 68111    | 120.11 | ng    | 0.00     |
| 7) Phenol-d6                  | 6.864  | 99   | 76616    | 108.35 | ng    | 0.00     |
| 23) Nitrobenzene-d5           | 8.834  | 82   | 68459    | 75.31  | ng    | 0.00     |
| 42) 2,4,6-Tribromophenol      | 15.816 | 330  | 90192    | 107.07 | ng    | 0.00     |
| 45) 2-Fluorobiphenyl          | 12.934 | 172  | 189317   | 71.94  | ng    | 0.00     |
| 79) Terphenyl-d14             | 19.651 | 244  | 497173   | 76.56  | ng    | 0.00     |
| Target Compounds              |        |      |          |        |       |          |
|                               |        |      |          |        |       | Qvalue   |
| 2) 1,4-Dioxane                | 3.140  | 88   | 9591     | 43.79  | ng    | # 89     |
| 3) Pyridine                   | 3.558  | 79   | 18141    | 36.13  | ng    | # 75     |
| 4) n-Nitrosodimethylamine     | 3.470  | 42   | 16117    | 39.91  | ng    | # 5      |
| 6) Aniline                    | 6.999  | 93   | 24450    | 32.04  | ng    | # 78     |
| 8) 2-Chlorophenol             | 7.234  | 128  | 23614    | 38.77  | ng    | 92       |
| 9) Benzaldehyde               | 6.822  | 77   | 3598     | 6.93   | ng    | # 72     |
| 10) Phenol                    | 6.893  | 94   | 27690    | 39.15  | ng    | # 53     |
| 11) bis(2-Chloroethyl)ether   | 7.099  | 93   | 17568    | 35.96  | ng    | 99       |
| 12) 1,3-Dichlorobenzene       | 7.546  | 146  | 29900    | 36.90  | ng    | # 83     |
| 13) 1,4-Dichlorobenzene       | 7.699  | 146  | 30293    | 37.51  | ng    | 96       |
| 14) 1,2-Dichlorobenzene       | 8.011  | 146  | 29061    | 37.54  | ng    | 99       |
| 15) Benzyl Alcohol            | 7.928  | 79   | 27467    | 40.27  | ng    | # 71     |
| 16) 2,2'-oxybis(1-Chloropr... | 8.205  | 45   | 9203     | 38.16  | ng    | # 62     |
| 17) 2-Methylphenol            | 8.134  | 107  | 19903    | 40.97  | ng    | # 77     |
| 18) Hexachloroethane          | 8.722  | 117  | 13014    | 38.90  | ng    | 89       |
| 19) n-Nitroso-di-n-propyla... | 8.481  | 70   | 20344    | 39.29  | ng    | # 87     |
| 20) 3+4-Methylphenols         | 8.469  | 107  | 26259    | 40.67  | ng    | # 85     |
| 22) Acetophenone              | 8.499  | 105  | 37374    | 37.03  | ng    | # 79     |
| 24) Nitrobenzene              | 8.875  | 77   | 33708    | 36.96  | ng    | # 93     |
| 25) Isophorone                | 9.399  | 82   | 52447    | 37.26  | ng    | # 97     |
| 26) 2-Nitrophenol             | 9.587  | 139  | 13609    | 35.64  | ng    | # 82     |
| 27) 2,4-Dimethylphenol        | 9.657  | 122  | 20422    | 40.41  | ng    | # 70     |
| 28) bis(2-Chloroethoxy)met... | 9.881  | 93   | 25273    | 42.89  | ng    | 97       |
| 29) 2,4-Dichlorophenol        | 10.134 | 162  | 30007    | 37.81  | ng    | 93       |
| 30) 1,2,4-Trichlorobenzene    | 10.322 | 180  | 37309    | 36.80  | ng    | 96       |
| 31) Naphthalene               | 10.504 | 128  | 70980    | 36.89  | ng    | 98       |
| 32) Benzoic acid              | 9.863  | 122  | 13942    | 35.71  | ng    | # 63     |
| 33) 4-Chloroaniline           | 10.640 | 127  | 18581    | 24.80  | ng    | # 93     |
| 34) Hexachlorobutadiene       | 10.775 | 225  | 33226    | 39.30  | ng    | 95       |
| 35) Caprolactam               | 11.528 | 113  | 1280     | 7.01   | ng    | 90       |
| 36) 4-Chloro-3-methylphenol   | 11.787 | 107  | 27822    | 39.32  | ng    | 92       |
| 37) 2-Methylnaphthalene       | 12.122 | 142  | 57269    | 37.11  | ng    | 95       |
| 38) 1-Methylnaphthalene       | 12.346 | 142  | 53278    | 36.57  | ng    | 94       |
| 40) 1,2,4,5-Tetrachloroben... | 12.498 | 216  | 51632    | 37.86  | ng    | 95       |
| 41) Hexachlorocyclopentadiene | 12.463 | 237  | 40123    | 70.96  | ng    | 98       |
| 43) 2,4,6-Trichlorophenol     | 12.757 | 196  | 32348    | 37.96  | ng    | 95       |

Data Path : Z:\svoasrv\HPCHEM1\BNA\_P\Data\BP051721\  
 Data File : BP005583.D  
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 Operator : CG/JU  
 Sample : PB136455BS  
 Misc :  
 ALS Vial : 4 Sample Multiplier: 1

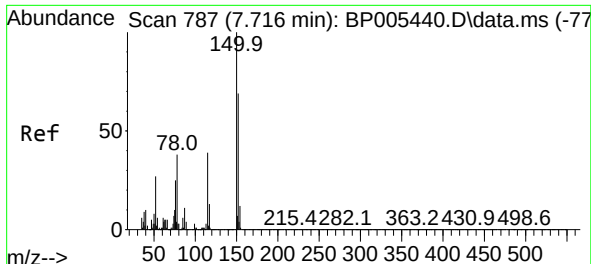
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 BNA\_P  
 ClientSampleId :  
 PB136455BS

Quant Time: May 17 18:11:45 2021  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_P\Methods\8270E-BP050521.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Mon May 17 15:35:47 2021  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc  | Units | Dev(Min) |
|-------------------------------|--------|------|----------|-------|-------|----------|
| 44) 2,4,5-Trichlorophenol     | 12.846 | 196  | 34750    | 37.79 | ng    | 92       |
| 46) 1,1'-Biphenyl             | 13.146 | 154  | 86235    | 37.73 | ng    | 94       |
| 47) 2-Chloronaphthalene       | 13.187 | 162  | 68870    | 36.19 | ng    | 98       |
| 48) 2-Nitroaniline            | 13.416 | 65   | 22280    | 41.22 | ng    | 95       |
| 49) Acenaphthylene            | 14.034 | 152  | 109715   | 40.02 | ng    | 100      |
| 50) Dimethylphthalate         | 13.787 | 163  | 98521    | 38.45 | ng    | 99       |
| 51) 2,6-Dinitrotoluene        | 13.916 | 165  | 21086    | 36.65 | ng    | 92       |
| 52) Acenaphthene              | 14.381 | 154  | 65511    | 38.41 | ng    | 93       |
| 53) 3-Nitroaniline            | 14.251 | 138  | 10975    | 26.62 | ng    | # 99     |
| 54) 2,4-Dinitrophenol         | 14.475 | 184  | 29687    | 85.53 | ng    | # 72     |
| 55) Dibenzofuran              | 14.716 | 168  | 119594   | 37.27 | ng    | 99       |
| 56) 4-Nitrophenol             | 14.592 | 139  | 22117    | 71.07 | ng    | # 75     |
| 57) 2,4-Dinitrotoluene        | 14.716 | 165  | 32760    | 38.62 | ng    | # 85     |
| 58) Fluorene                  | 15.369 | 166  | 99924    | 38.14 | ng    | 98       |
| 59) 2,3,4,6-Tetrachlorophenol | 14.875 | 232  | 33513    | 36.45 | ng    | 96       |
| 60) Diethylphthalate          | 15.151 | 149  | 99015    | 39.89 | ng    | 98       |
| 61) 4-Chlorophenyl-phenyle... | 15.363 | 204  | 65352    | 39.87 | ng    | 98       |
| 62) 4-Nitroaniline            | 15.422 | 138  | 13540    | 34.19 | ng    | # 82     |
| 63) Azobenzene                | 15.657 | 77   | 104984   | 41.04 | ng    | 88       |
| 65) 4,6-Dinitro-2-methylph... | 15.487 | 198  | 20938    | 35.27 | ng    | 95       |
| 66) n-Nitrosodiphenylamine    | 15.587 | 169  | 86292    | 39.47 | ng    | # 94     |
| 67) 4-Bromophenyl-phenylether | 16.263 | 248  | 47370    | 40.52 | ng    | 97       |
| 68) Hexachlorobenzene         | 16.375 | 284  | 57203    | 38.58 | ng    | 96       |
| 69) Atrazine                  | 16.551 | 200  | 45301    | 44.36 | ng    | 97       |
| 70) Pentachlorophenol         | 16.734 | 266  | 60514    | 76.92 | ng    | 96       |
| 71) Phenanthrene              | 17.116 | 178  | 167789   | 39.42 | ng    | 99       |
| 72) Anthracene                | 17.204 | 178  | 172511   | 40.84 | ng    | 99       |
| 73) Carbazole                 | 17.492 | 167  | 140721   | 37.83 | ng    | 98       |
| 74) Di-n-butylphthalate       | 18.039 | 149  | 169392   | 41.49 | ng    | 96       |
| 75) Fluoranthene              | 19.098 | 202  | 239359   | 40.89 | ng    | 98       |
| 77) Benzidine                 | 19.292 | 184  | 85741    | 50.23 | ng    | 98       |
| 78) Pyrene                    | 19.451 | 202  | 241679   | 38.71 | ng    | 99       |
| 80) Butylbenzylphthalate      | 20.327 | 149  | 82803    | 41.05 | ng    | 90       |
| 81) Benzo(a)anthracene        | 21.163 | 228  | 288204   | 40.33 | ng    | 98       |
| 82) 3,3'-Dichlorobenzidine    | 21.098 | 252  | 102061   | 37.91 | ng    | 98       |
| 83) Chrysene                  | 21.216 | 228  | 277531   | 40.07 | ng    | 97       |
| 84) Bis(2-ethylhexyl)phtha... | 21.086 | 149  | 127878   | 41.46 | ng    | # 99     |
| 85) Di-n-octyl phthalate      | 21.969 | 149  | 218726   | 42.22 | ng    | # 91     |
| 87) Indeno(1,2,3-cd)pyrene    | 25.862 | 276  | 398710   | 42.99 | ng    | # 96     |
| 88) Benzo(b)fluoranthene      | 22.774 | 252  | 334512   | 45.53 | ng    | # 98     |
| 89) Benzo(k)fluoranthene      | 22.821 | 252  | 303962   | 42.31 | ng    | # 98     |
| 90) Benzo(a)pyrene            | 23.369 | 252  | 279867   | 41.56 | ng    | # 99     |
| 91) Dibenzo(a,h)anthracene    | 25.868 | 278  | 345350   | 42.20 | ng    | # 99     |
| 92) Benzo(g,h,i)perylene      | 26.580 | 276  | 321221   | 42.42 | ng    | # 95     |

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

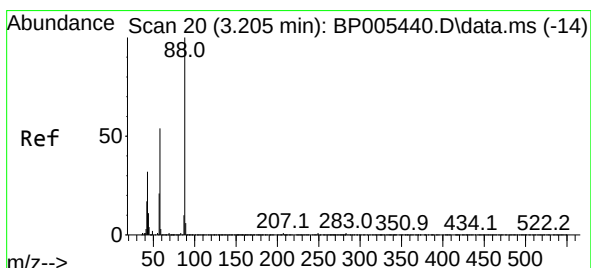
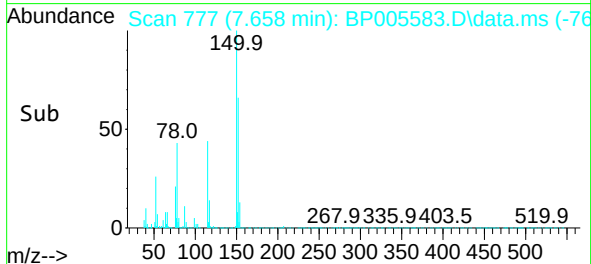
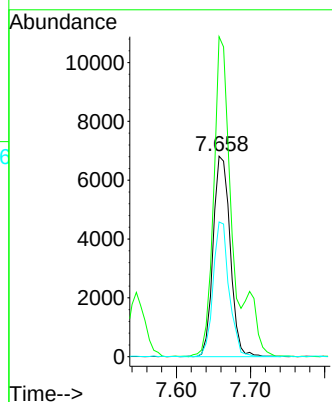
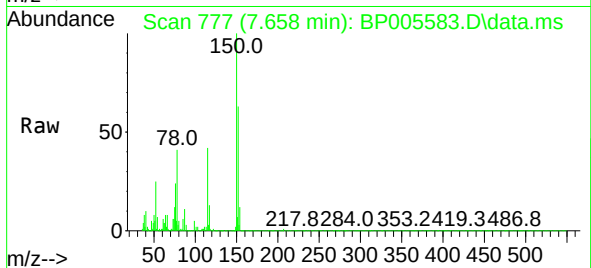




#1  
1,4-Dichlorobenzene-d4  
Concen: 20.00 ng  
RT: 7.658 min Scan# 777  
Delta R.T. -0.005 min  
Lab File: BP005583.D  
Acq: 17 May 2021 16:32

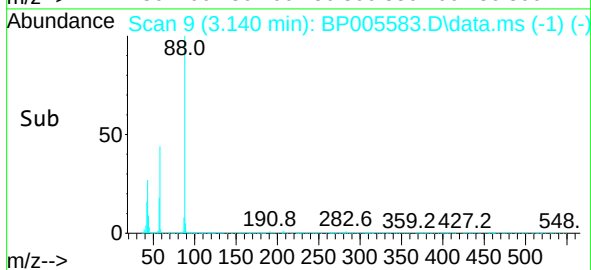
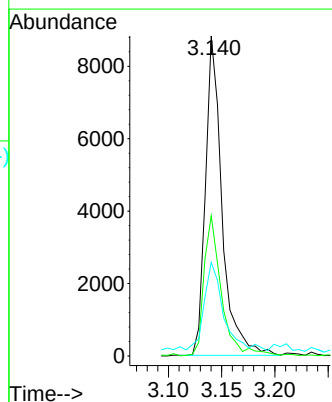
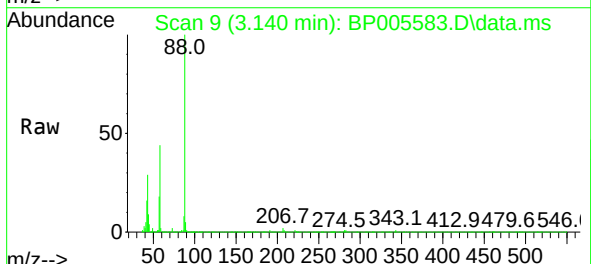
Instrument :  
BNA\_P  
ClientSampleId :  
PB136455BS

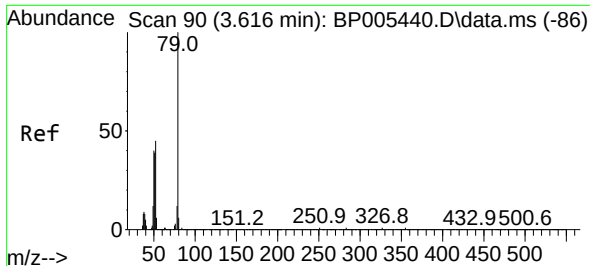
Tgt Ion:152 Resp: 10883  
Ion Ratio Lower Upper  
152 100  
150 159.7 119.8 179.8  
115 67.2 49.0 73.4



#2  
1,4-Dioxane  
Concen: 43.79 ng  
RT: 3.140 min Scan# 9  
Delta R.T. -0.006 min  
Lab File: BP005583.D  
Acq: 17 May 2021 16:32

Tgt Ion: 88 Resp: 9591  
Ion Ratio Lower Upper  
88 100  
58 46.3 42.5 63.7  
43 32.2 19.8 29.8#

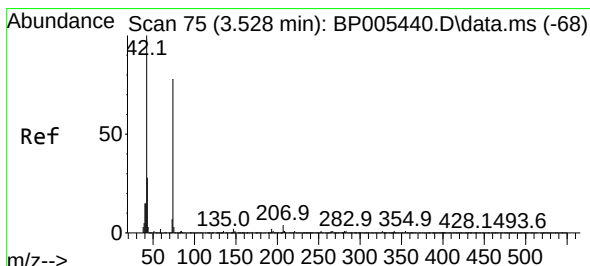
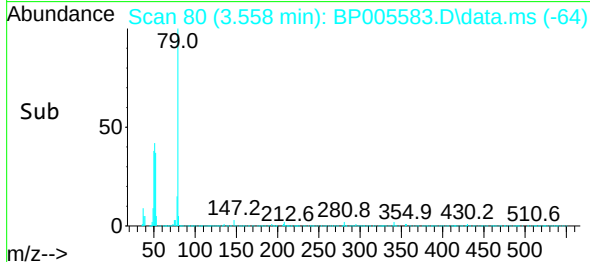
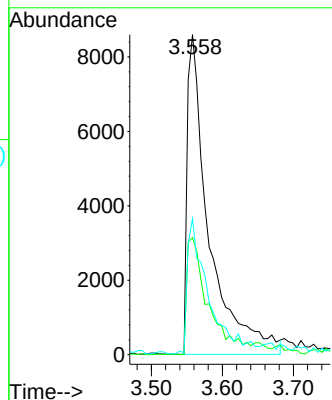
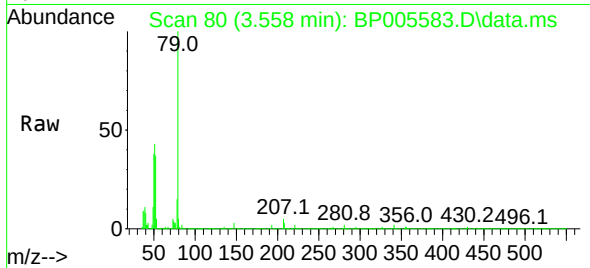




#3  
Pyridine  
Concen: 36.13 ng  
RT: 3.558 min Scan# 80  
Delta R.T. -0.006 min  
Lab File: BP005583.D  
Acq: 17 May 2021 16:32

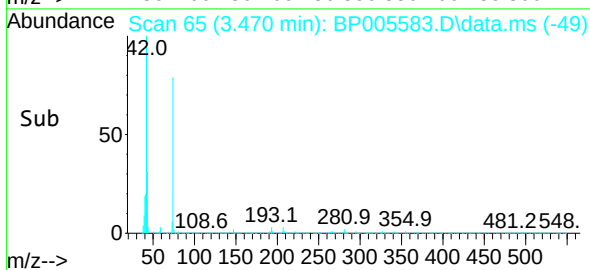
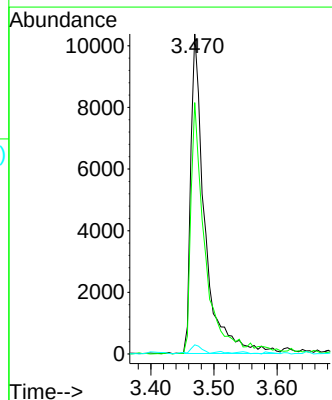
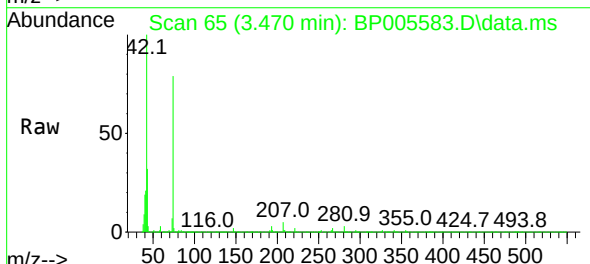
Instrument :  
BNA\_P  
ClientSampleId :  
PB136455BS

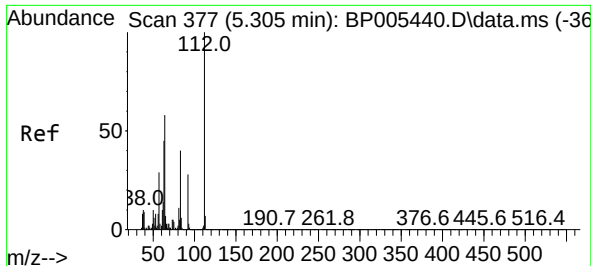
| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 79      | 100   |       |       |
| 52      | 36.5  | 40.3  | 60.5# |
| 51      | 42.6  | 20.0  | 30.0# |



#4  
n-Nitrosodimethylamine  
Concen: 39.91 ng  
RT: 3.470 min Scan# 65  
Delta R.T. -0.006 min  
Lab File: BP005583.D  
Acq: 17 May 2021 16:32

| Tgt Ion | Ratio | Lower | Upper  |
|---------|-------|-------|--------|
| 42      | 100   |       |        |
| 74      | 78.6  | 122.6 | 183.8# |
| 44      | 3.0   | 146.9 | 220.3# |

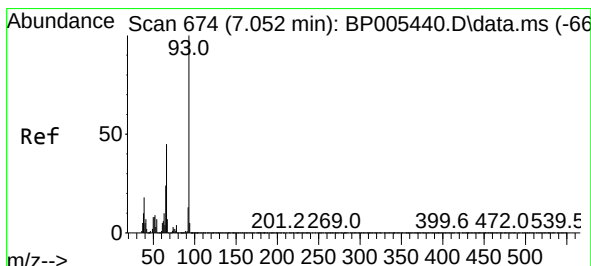
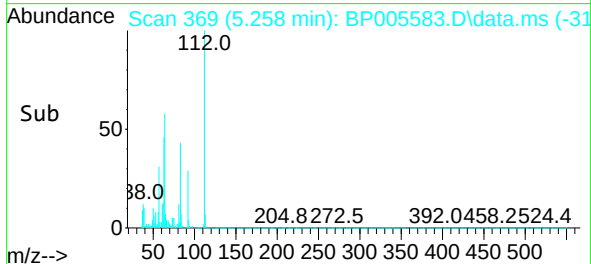
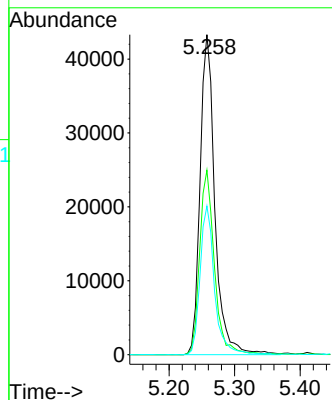
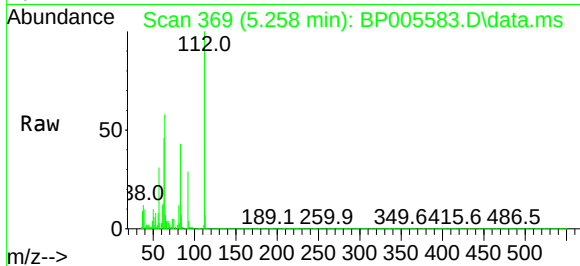




#5  
2-Fluorophenol  
Concen: 120.11 ng  
RT: 5.258 min Scan# 369  
Delta R.T. 0.000 min  
Lab File: BP005583.D  
Acq: 17 May 2021 16:32

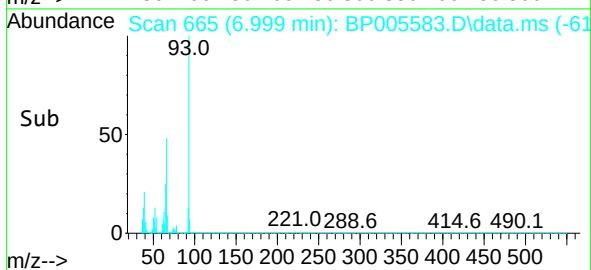
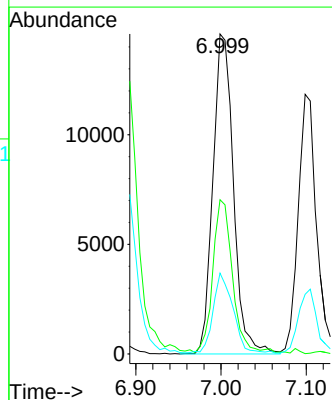
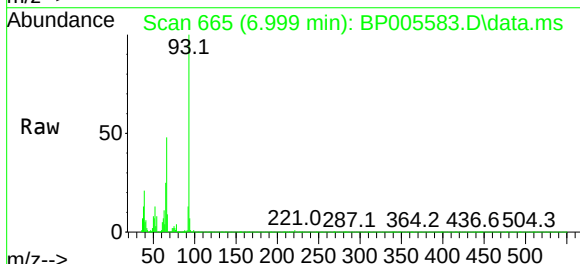
Instrument :  
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PB136455BS

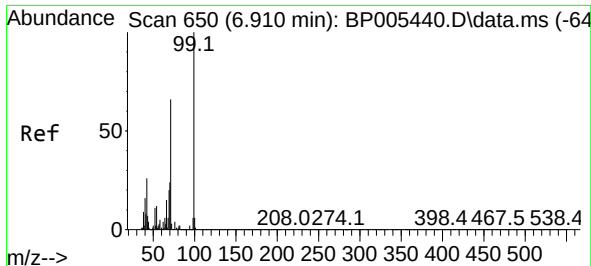
Tgt Ion:112 Resp: 68111  
Ion Ratio Lower Upper  
112 100  
64 57.7 33.6 50.4#  
63 46.4 18.6 27.8#



#6  
Aniline  
Concen: 32.04 ng  
RT: 6.999 min Scan# 665  
Delta R.T. -0.006 min  
Lab File: BP005583.D  
Acq: 17 May 2021 16:32

Tgt Ion: 93 Resp: 24450  
Ion Ratio Lower Upper  
93 100  
66 48.2 27.0 40.4#  
65 25.2 14.4 21.6#

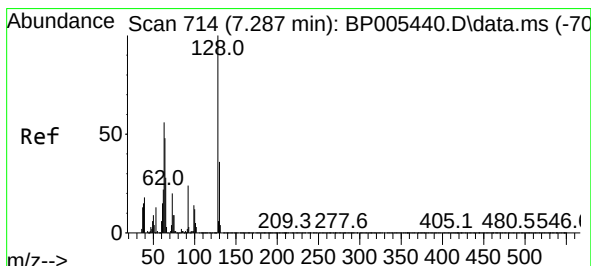
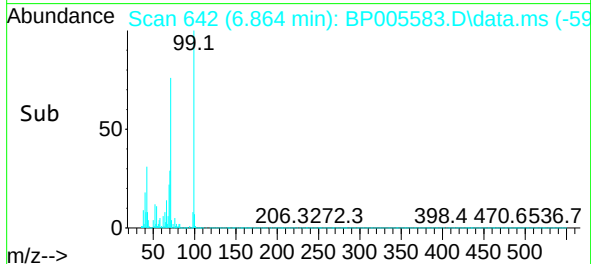
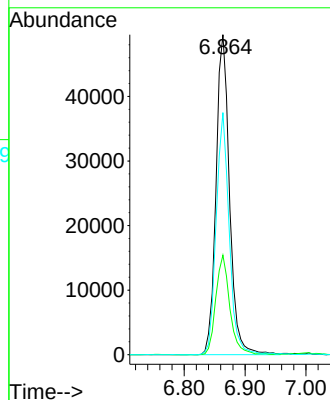
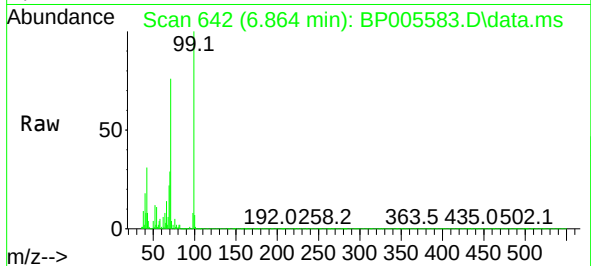




#7  
Phenol-d6  
Concen: 108.35 ng  
RT: 6.864 min Scan# 642  
Delta R.T. 0.000 min  
Lab File: BP005583.D  
Acq: 17 May 2021 16:32

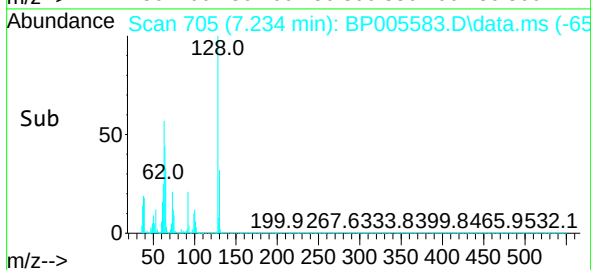
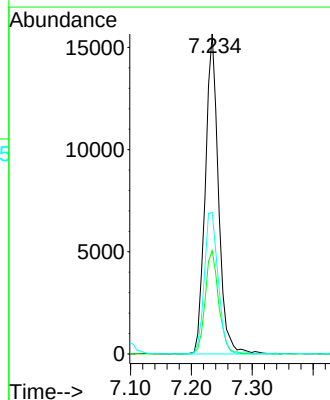
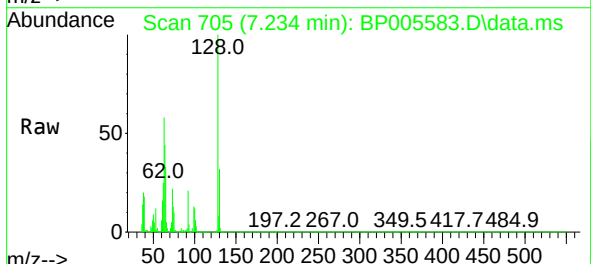
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BNA\_P  
ClientSampleId :  
PB136455BS

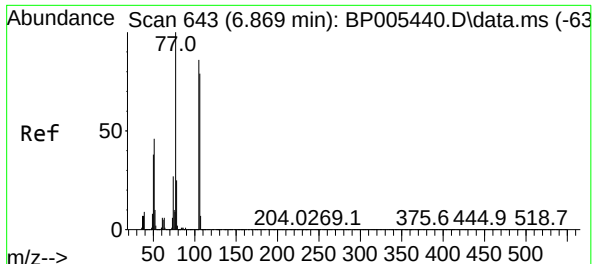
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|-----------|-------|-------|-------|
| Tgt Ion:  | 99    | Resp: | 76616 |
| Ion Ratio | Lower | Upper |       |
| 99        | 100   |       |       |
| 42        | 31.1  | 12.9  | 19.3# |
| 71        | 75.6  | 26.7  | 40.1# |



#8  
2-Chlorophenol  
Concen: 38.77 ng  
RT: 7.234 min Scan# 705  
Delta R.T. 0.000 min  
Lab File: BP005583.D  
Acq: 17 May 2021 16:32

|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 128   | Resp: | 23614 |
| Ion Ratio | Lower | Upper |       |
| 128       | 100   |       |       |
| 130       | 32.3  | 14.1  | 54.1  |
| 64        | 44.3  | 17.2  | 57.2  |

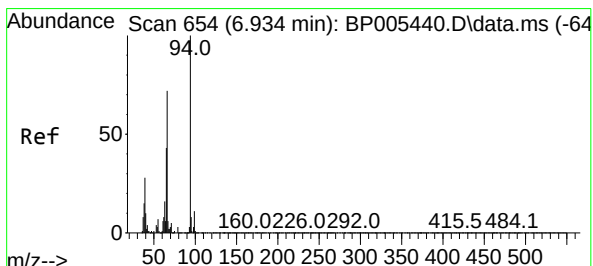
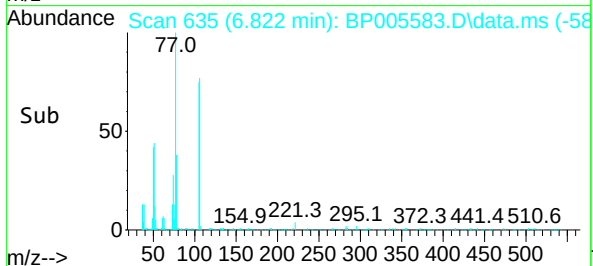
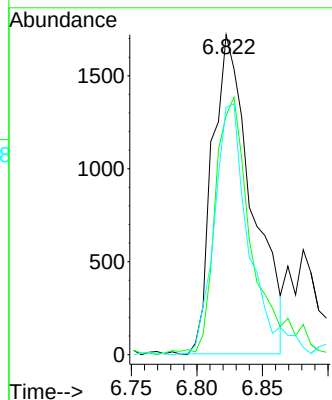
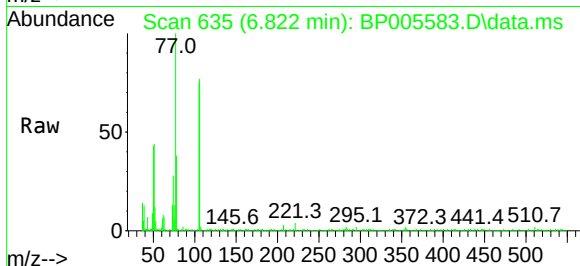




#9  
Benzaldehyde  
Concen: 6.93 ng  
RT: 6.822 min Scan# 635  
Delta R.T. 0.006 min  
Lab File: BP005583.D  
Acq: 17 May 2021 16:32

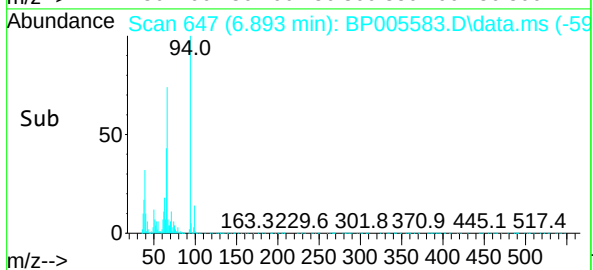
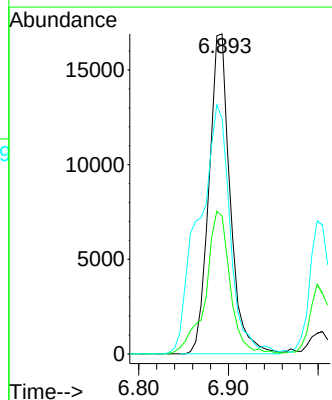
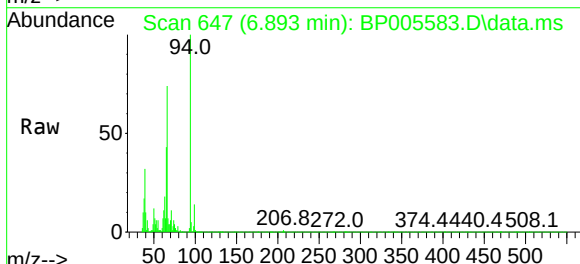
Instrument :  
BNA\_P  
ClientSampleId :  
PB136455BS

Tgt Ion: 77 Resp: 3598  
Ion Ratio Lower Upper  
77 100  
105 74.7 89.4 129.4#  
106 77.3 79.9 119.9#

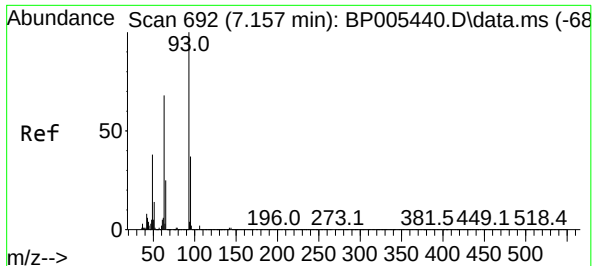


#10  
Phenol  
Concen: 39.15 ng  
RT: 6.893 min Scan# 647  
Delta R.T. 0.006 min  
Lab File: BP005583.D  
Acq: 17 May 2021 16:32

Tgt Ion: 94 Resp: 27690  
Ion Ratio Lower Upper  
94 100  
65 43.0 8.0 48.0  
66 73.6 17.3 57.3#



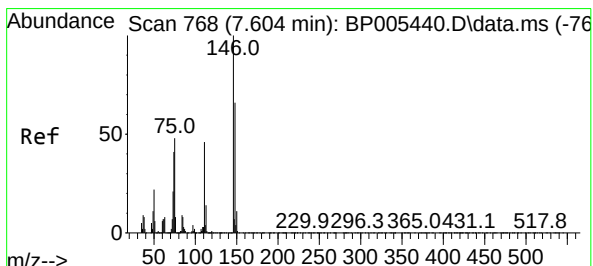
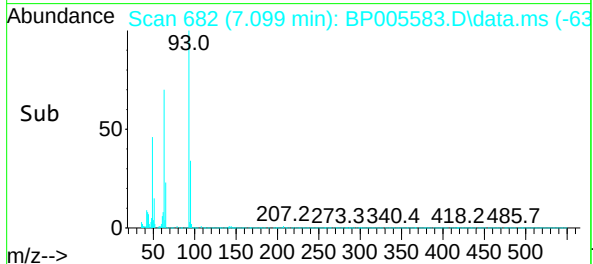
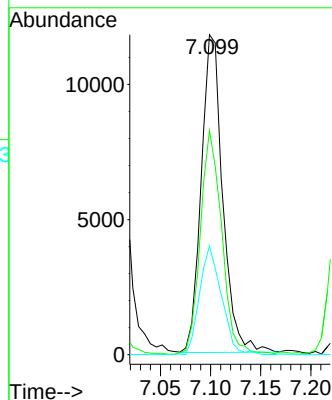
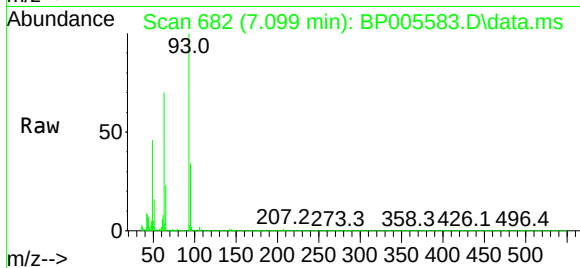




#11  
bis(2-Chloroethyl)ether  
Concen: 35.96 ng  
RT: 7.099 min Scan# 682  
Delta R.T. -0.006 min  
Lab File: BP005583.D  
Acq: 17 May 2021 16:32

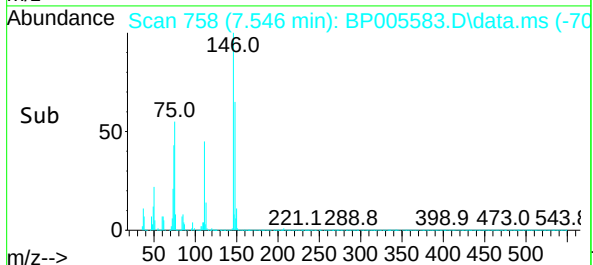
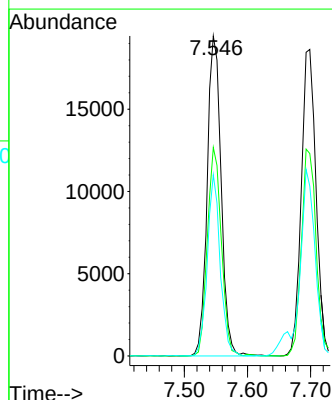
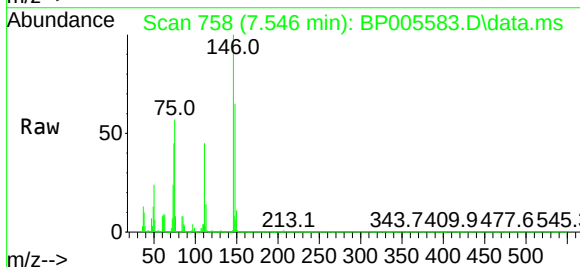
Instrument :  
BNA\_P  
ClientSampleId :  
PB136455BS

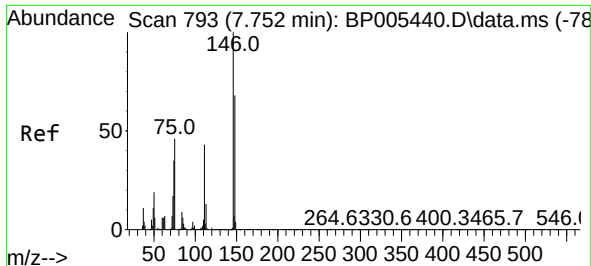
Tgt Ion: 93 Resp: 17568  
Ion Ratio Lower Upper  
93 100  
63 70.1 49.6 89.6  
95 34.0 14.4 54.4



#12  
1,3-Dichlorobenzene  
Concen: 36.90 ng  
RT: 7.546 min Scan# 758  
Delta R.T. -0.006 min  
Lab File: BP005583.D  
Acq: 17 May 2021 16:32

Tgt Ion:146 Resp: 29900  
Ion Ratio Lower Upper  
146 100  
148 65.1 51.4 77.0  
75 56.6 23.9 35.9#

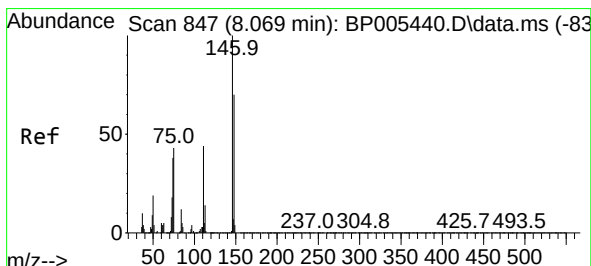
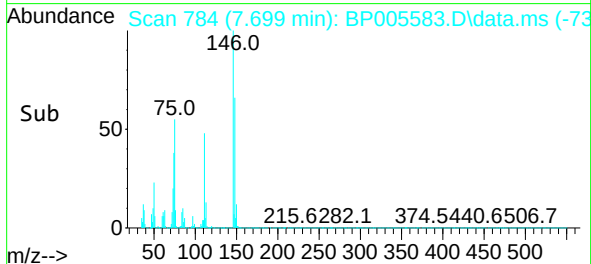
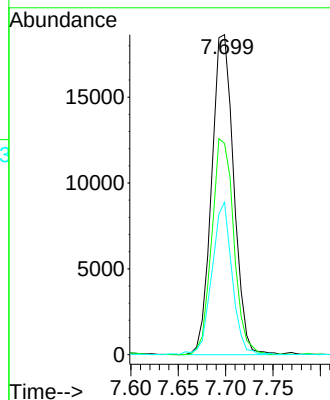
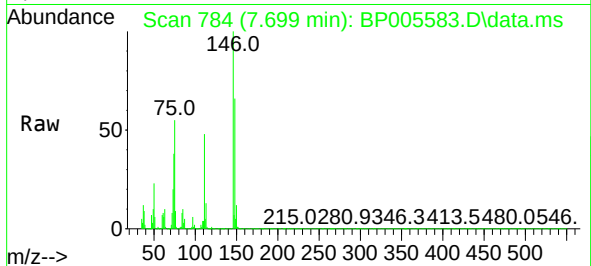




#13  
1,4-Dichlorobenzene  
Concen: 37.51 ng  
RT: 7.699 min Scan# 784  
Delta R.T. 0.000 min  
Lab File: BP005583.D  
Acq: 17 May 2021 16:32

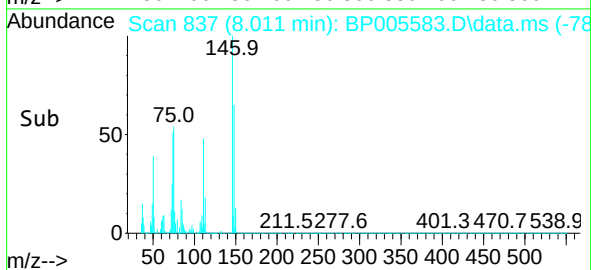
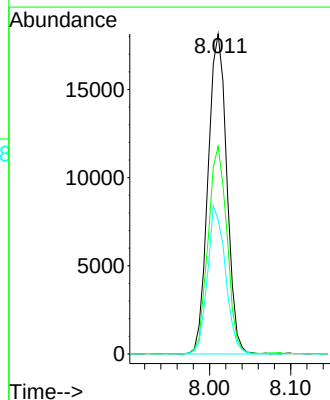
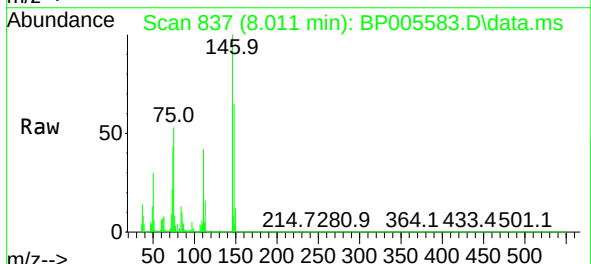
Instrument :  
BNA\_P  
ClientSampleId :  
PB136455BS

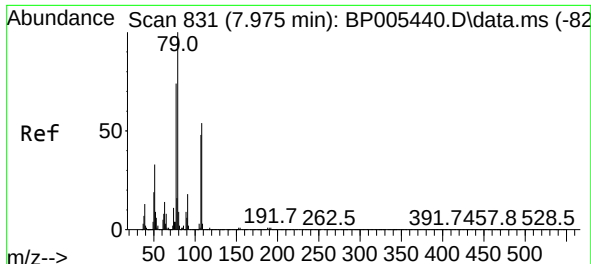
Tgt Ion:146 Resp: 30293  
Ion Ratio Lower Upper  
146 100  
148 66.0 52.2 78.4  
111 47.7 34.2 51.4



#14  
1,2-Dichlorobenzene  
Concen: 37.54 ng  
RT: 8.011 min Scan# 837  
Delta R.T. 0.000 min  
Lab File: BP005583.D  
Acq: 17 May 2021 16:32

Tgt Ion:146 Resp: 29061  
Ion Ratio Lower Upper  
146 100  
148 64.9 51.5 77.3  
111 41.9 34.0 51.0

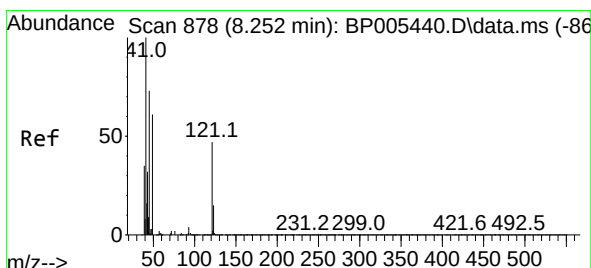
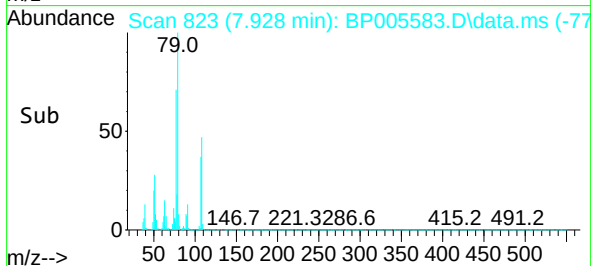
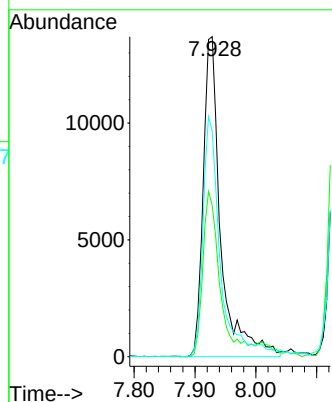
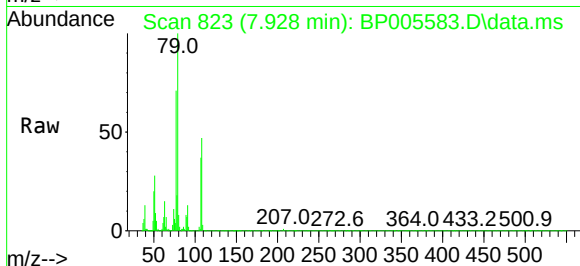




#15  
Benzyl Alcohol  
Concen: 40.27 ng  
RT: 7.928 min Scan# 823  
Delta R.T. 0.000 min  
Lab File: BP005583.D  
Acq: 17 May 2021 16:32

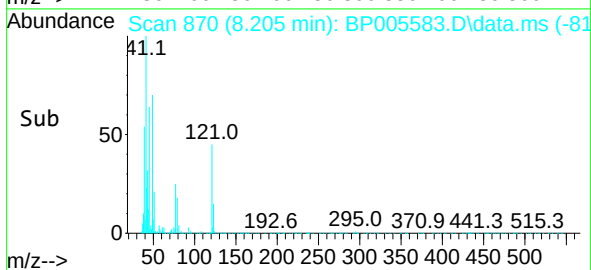
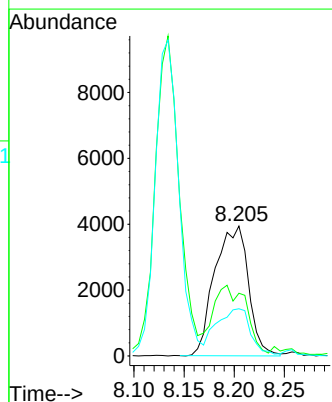
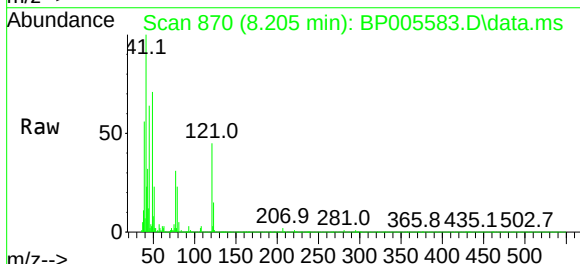
Instrument :  
BNA\_P  
ClientSampleId :  
PB136455BS

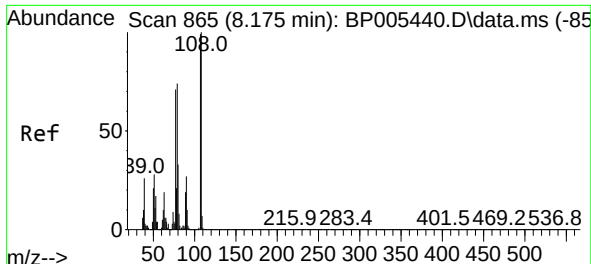
Tgt Ion: 79 Resp: 27467  
Ion Ratio Lower Upper  
79 100  
108 47.3 64.0 96.0#  
77 70.5 72.7 109.1#



#16  
2,2'-oxybis(1-Chloropropane)  
Concen: 38.16 ng  
RT: 8.205 min Scan# 870  
Delta R.T. 0.006 min  
Lab File: BP005583.D  
Acq: 17 May 2021 16:32

Tgt Ion: 45 Resp: 9203  
Ion Ratio Lower Upper  
45 100  
77 48.4 7.0 47.0#  
79 36.4 1.0 41.0

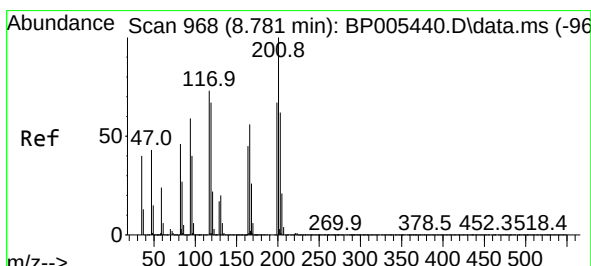
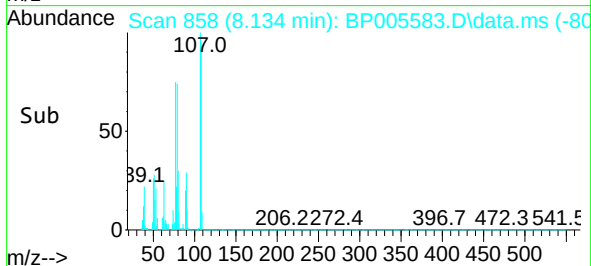
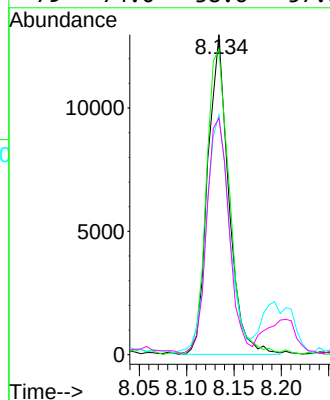
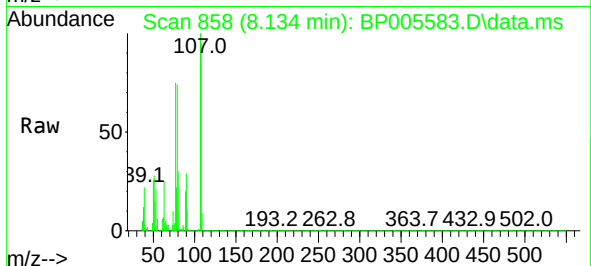




#17  
2-Methylphenol  
Concen: 40.97 ng  
RT: 8.134 min Scan# 858  
Delta R.T. 0.000 min  
Lab File: BP005583.D  
Acq: 17 May 2021 16:32

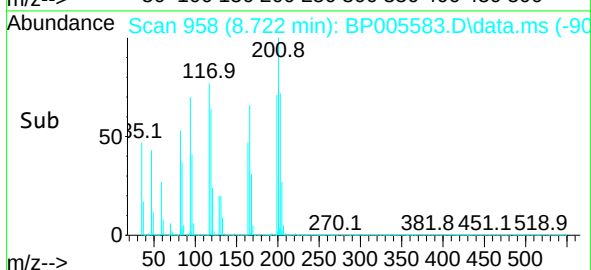
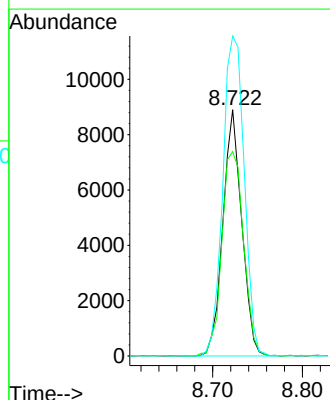
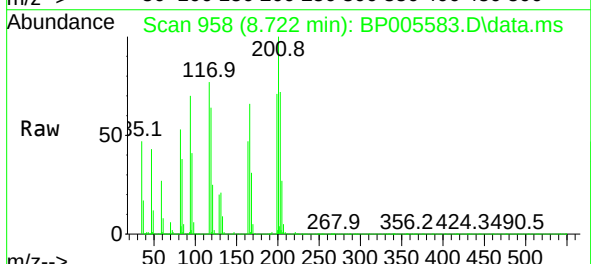
Instrument :  
BNA\_P  
ClientSampleId :  
PB136455BS

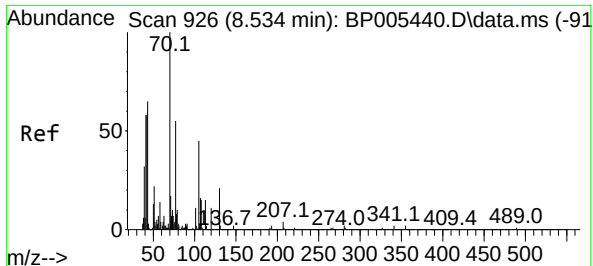
|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 107   | Resp: | 19903 |
| Ion Ratio | Lower | Upper |       |
| 107       | 100   |       |       |
| 108       | 95.5  | 85.8  | 128.8 |
| 77        | 74.9  | 41.4  | 62.0# |
| 79        | 74.0  | 38.6  | 57.8# |



#18  
Hexachloroethane  
Concen: 38.90 ng  
RT: 8.722 min Scan# 958  
Delta R.T. 0.000 min  
Lab File: BP005583.D  
Acq: 17 May 2021 16:32

|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 117   | Resp: | 13014 |
| Ion Ratio | Lower | Upper |       |
| 117       | 100   |       |       |
| 119       | 83.0  | 80.1  | 120.1 |
| 201       | 129.9 | 98.8  | 148.2 |



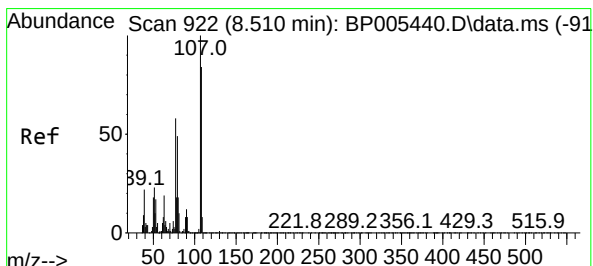
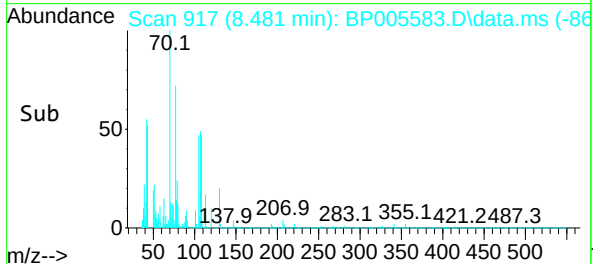
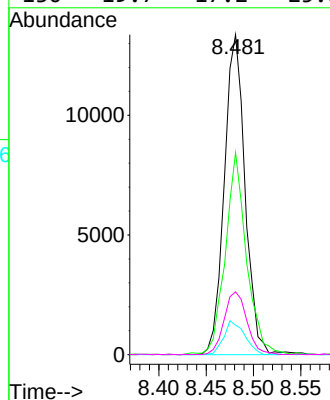
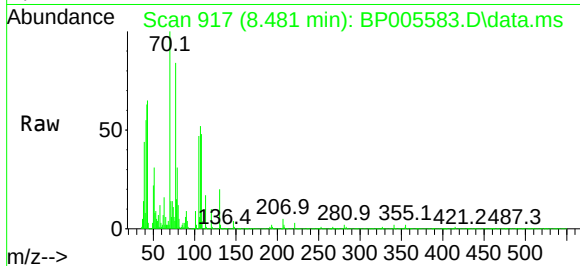


#19

n-Nitroso-di-n-propylamine  
Concen: 39.29 ng  
RT: 8.481 min Scan# 917  
Delta R.T. 0.000 min  
Lab File: BP005583.D  
Acq: 17 May 2021 16:32

Instrument :  
BNA\_P  
ClientSampleId :  
PB136455BS

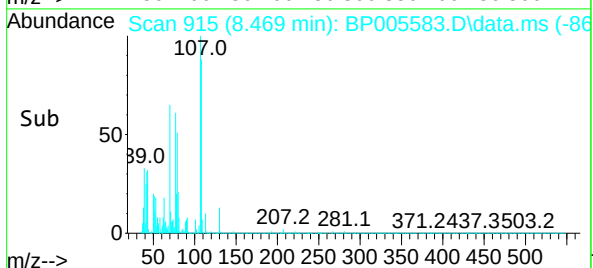
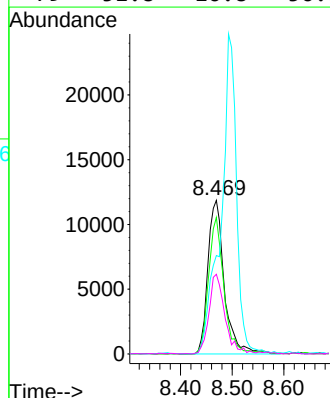
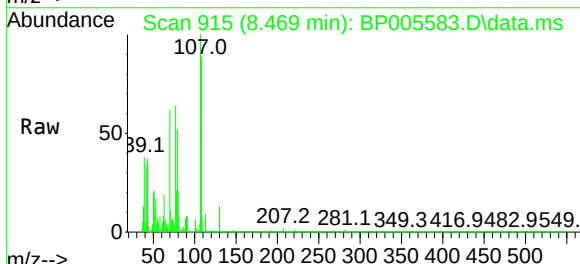
|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 70    | Resp: | 20344 |
| Ion      | Ratio | Lower | Upper |
| 70       | 100   |       |       |
| 42       | 63.2  | 39.7  | 59.5# |
| 101      | 9.2   | 7.4   | 11.0  |
| 130      | 19.7  | 17.2  | 25.8  |

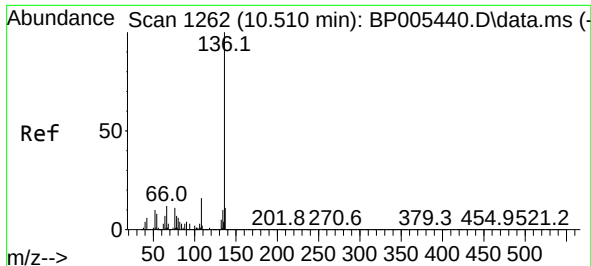


#20

3+4-Methylphenols  
Concen: 40.67 ng  
RT: 8.469 min Scan# 915  
Delta R.T. 0.000 min  
Lab File: BP005583.D  
Acq: 17 May 2021 16:32

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 107   | Resp: | 26259 |
| Ion      | Ratio | Lower | Upper |
| 107      | 100   |       |       |
| 108      | 88.8  | 69.5  | 109.5 |
| 77       | 64.0  | 21.5  | 61.5# |
| 79       | 51.8  | 16.8  | 56.8  |

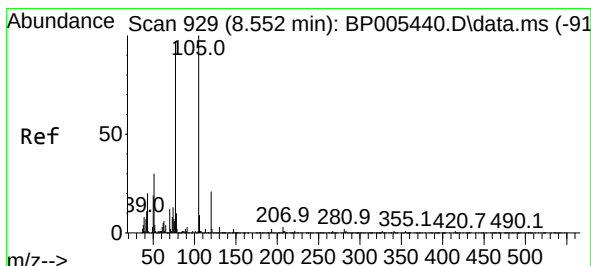
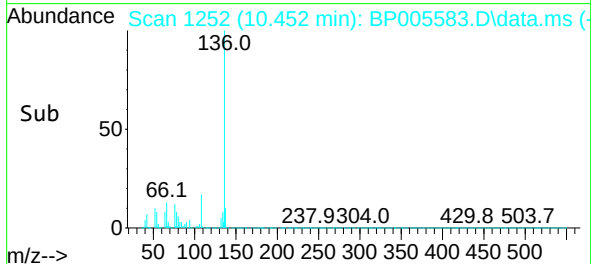
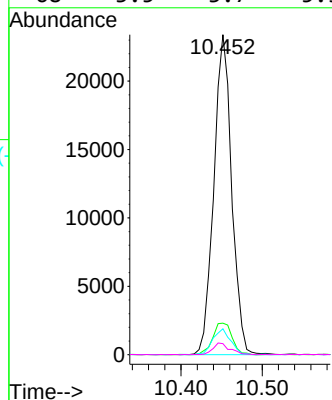
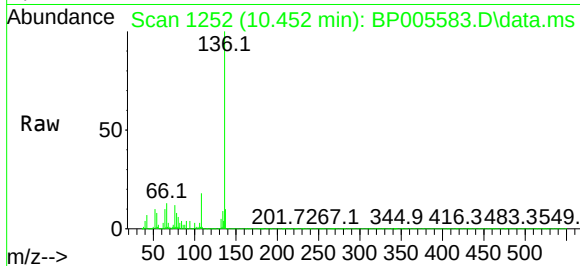




#21  
Naphthalene-d8  
Concen: 20.00 ng  
RT: 10.452 min Scan# 1252  
Delta R.T. 0.000 min  
Lab File: BP005583.D  
Acq: 17 May 2021 16:32

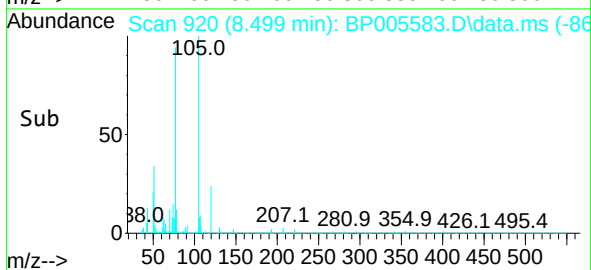
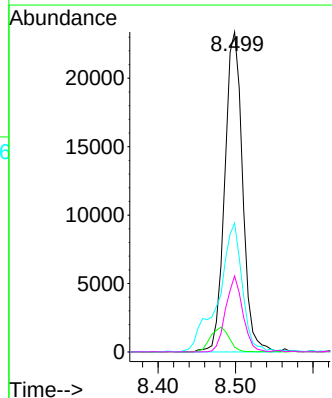
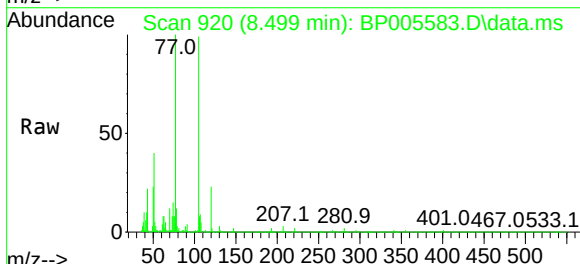
Instrument :  
BNA\_P  
ClientSampleId :  
PB136455BS

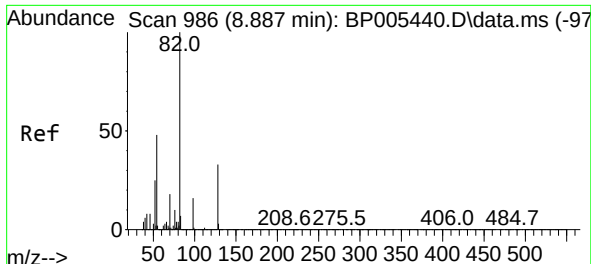
|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 136   | Resp: | 35779 |
| Ion Ratio | Lower | Upper |       |
| 136       | 100   |       |       |
| 137       | 9.9   | 8.9   | 13.3  |
| 54        | 8.1   | 5.0   | 7.4#  |
| 68        | 3.5   | 3.7   | 5.5#  |



#22  
Acetophenone  
Concen: 37.03 ng  
RT: 8.499 min Scan# 920  
Delta R.T. 0.000 min  
Lab File: BP005583.D  
Acq: 17 May 2021 16:32

|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 105   | Resp: | 37374 |
| Ion Ratio | Lower | Upper |       |
| 105       | 100   |       |       |
| 71        | 1.5   | 0.9   | 1.3#  |
| 51        | 40.2  | 18.2  | 27.2# |
| 120       | 23.7  | 17.0  | 25.6  |

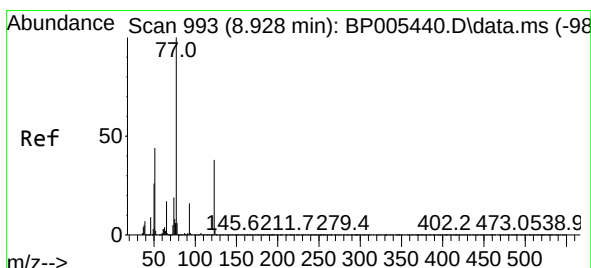
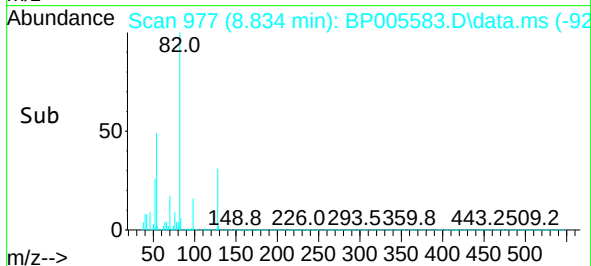
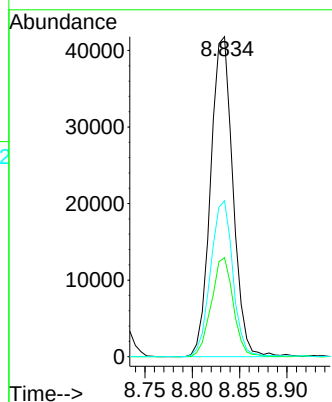
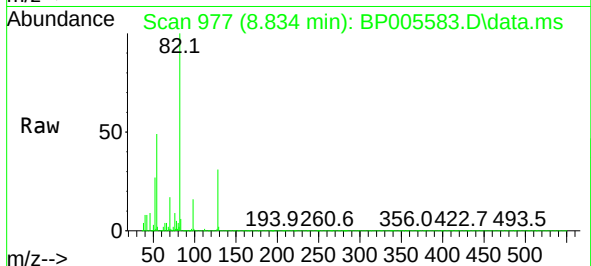




#23  
Nitrobenzene-d5  
Concen: 75.31 ng  
RT: 8.834 min Scan# 977  
Delta R.T. 0.000 min  
Lab File: BP005583.D  
Acq: 17 May 2021 16:32

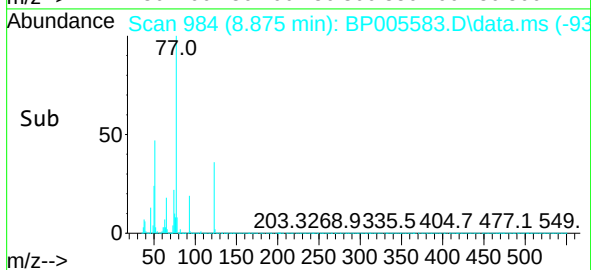
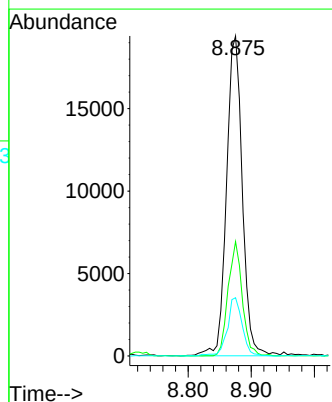
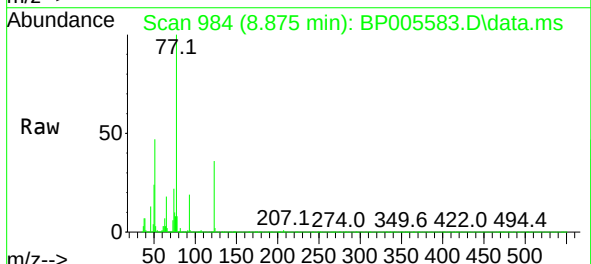
Instrument :  
BNA\_P  
ClientSampleId :  
PB136455BS

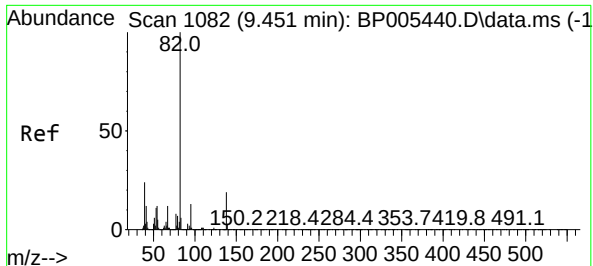
Tgt Ion: 82 Resp: 68459  
Ion Ratio Lower Upper  
82 100  
128 30.9 30.5 45.7  
54 48.7 33.9 50.9



#24  
Nitrobenzene  
Concen: 36.96 ng  
RT: 8.875 min Scan# 984  
Delta R.T. 0.000 min  
Lab File: BP005583.D  
Acq: 17 May 2021 16:32

Tgt Ion: 77 Resp: 33708  
Ion Ratio Lower Upper  
77 100  
123 35.8 31.7 47.5  
65 18.2 11.5 17.3#

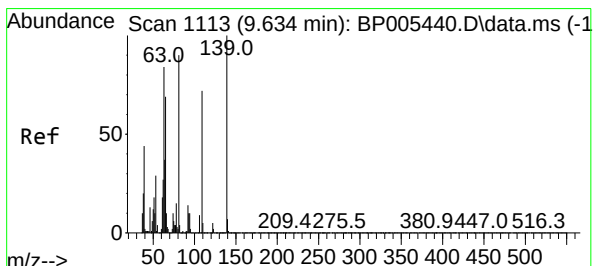
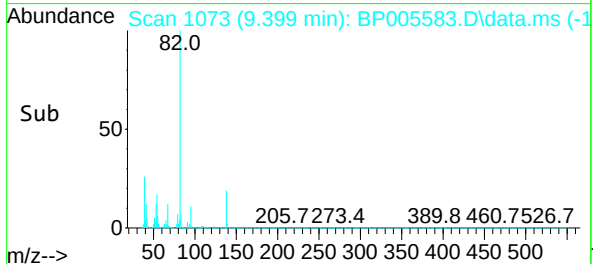
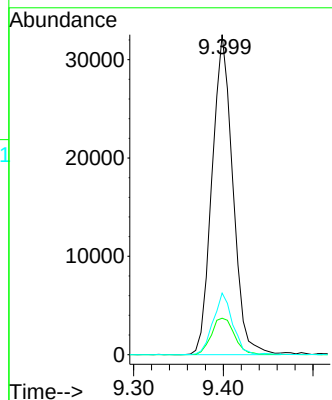
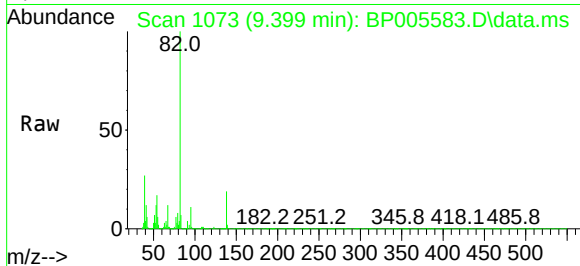




#25  
Isophorone  
Concen: 37.26 ng  
RT: 9.399 min Scan# 1073  
Delta R.T. 0.000 min  
Lab File: BP005583.D  
Acq: 17 May 2021 16:32

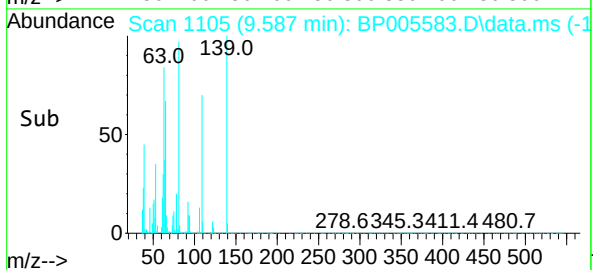
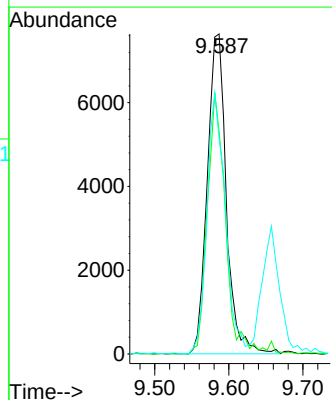
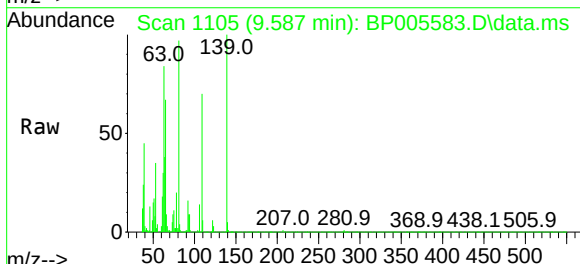
Instrument :  
BNA\_P  
ClientSampleId :  
PB136455BS

Tgt Ion: 82 Resp: 52447  
Ion Ratio Lower Upper  
82 100  
95 11.4 7.5 11.3#  
138 19.3 14.6 22.0

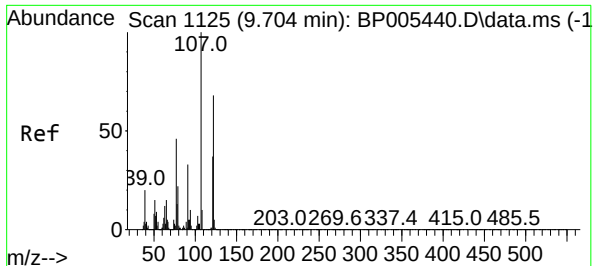


#26  
2-Nitrophenol  
Concen: 35.64 ng  
RT: 9.587 min Scan# 1105  
Delta R.T. 0.006 min  
Lab File: BP005583.D  
Acq: 17 May 2021 16:32

Tgt Ion: 139 Resp: 13609  
Ion Ratio Lower Upper  
139 100  
109 69.6 40.7 61.1#  
65 67.4 47.8 71.6



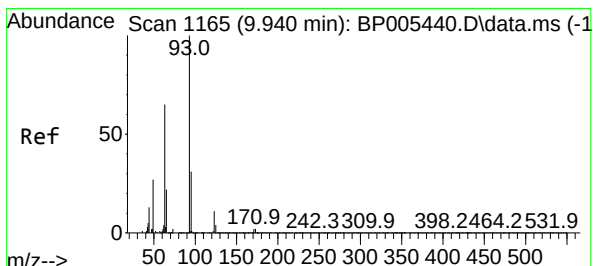
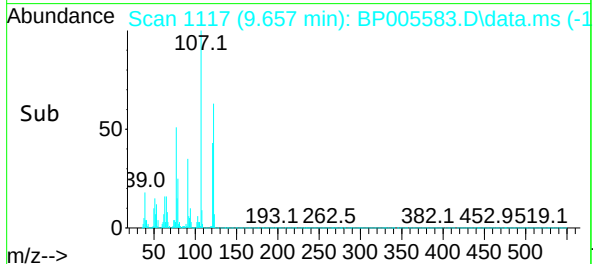
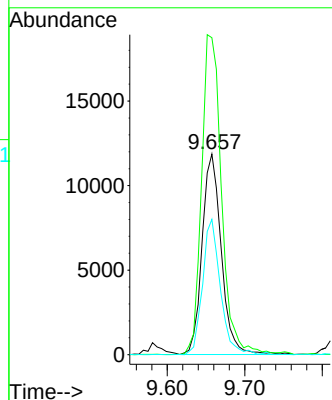
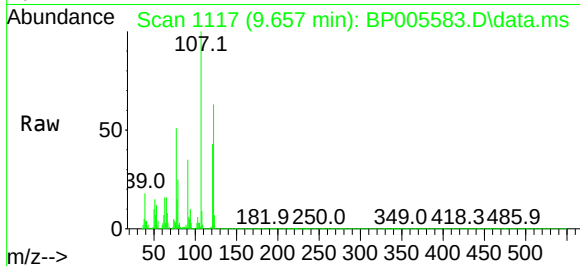




#27  
2,4-Dimethylphenol  
Concen: 40.41 ng  
RT: 9.657 min Scan# 1117  
Delta R.T. 0.000 min  
Lab File: BP005583.D  
Acq: 17 May 2021 16:32

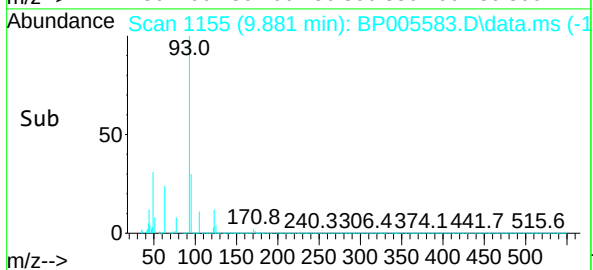
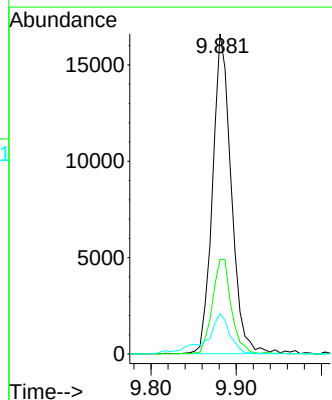
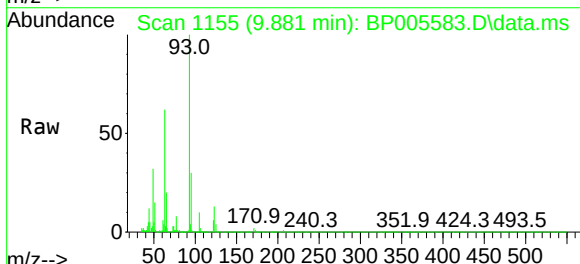
Instrument :  
BNA\_P  
ClientSampleId :  
PB136455BS

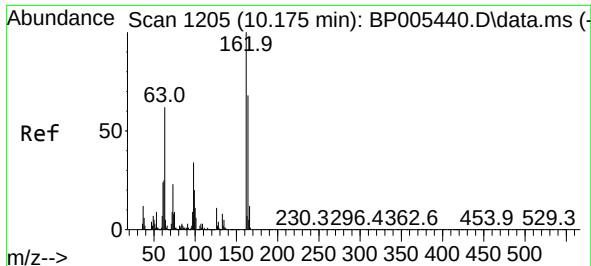
Tgt Ion:122 Resp: 20422  
Ion Ratio Lower Upper  
122 100  
107 158.0 93.8 140.8#  
121 67.5 45.6 68.4



#28  
bis(2-Chloroethoxy)methane  
Concen: 42.89 ng  
RT: 9.881 min Scan# 1155  
Delta R.T. -0.006 min  
Lab File: BP005583.D  
Acq: 17 May 2021 16:32

Tgt Ion: 93 Resp: 25273  
Ion Ratio Lower Upper  
93 100  
95 29.5 24.9 37.3  
123 12.5 9.5 14.3

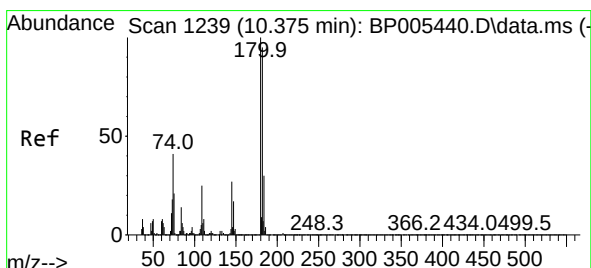
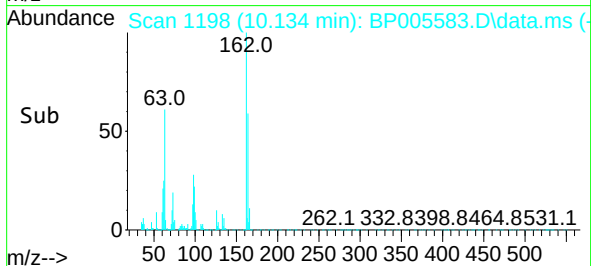
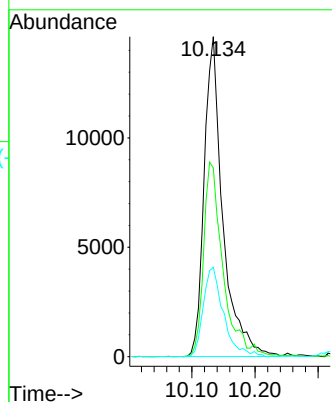
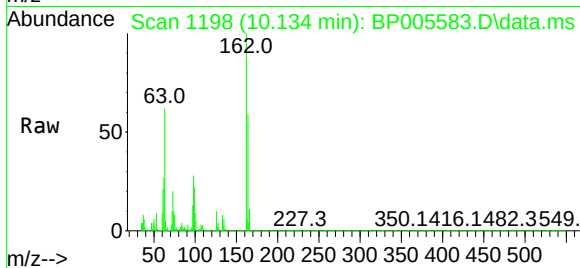




#29  
2,4-Dichlorophenol  
Concen: 37.81 ng  
RT: 10.134 min Scan# 1198  
Delta R.T. 0.006 min  
Lab File: BP005583.D  
Acq: 17 May 2021 16:32

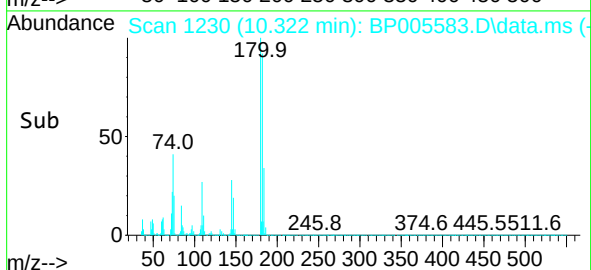
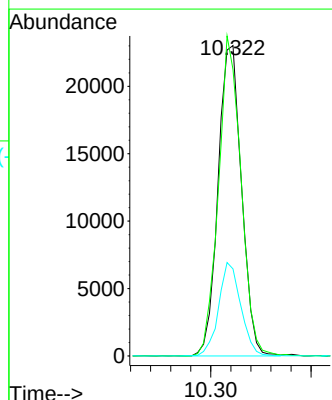
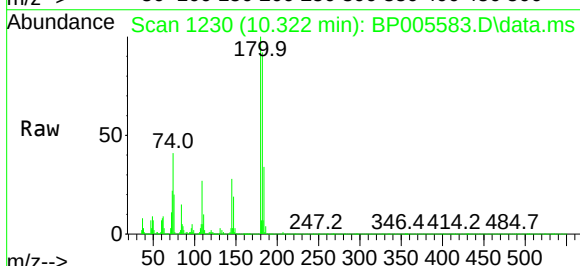
Instrument :  
BNA\_P  
ClientSampleId :  
PB136455BS

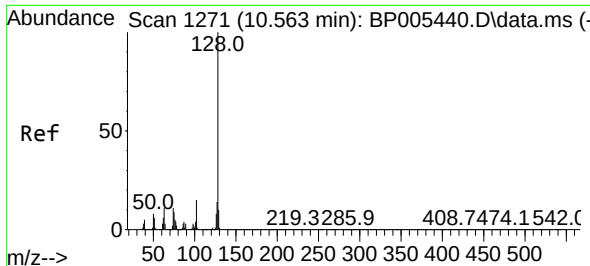
Tgt Ion:162 Resp: 30007  
Ion Ratio Lower Upper  
162 100  
164 58.9 44.1 84.1  
98 28.0 12.6 52.6



#30  
1,2,4-Trichlorobenzene  
Concen: 36.80 ng  
RT: 10.322 min Scan# 1230  
Delta R.T. 0.000 min  
Lab File: BP005583.D  
Acq: 17 May 2021 16:32

Tgt Ion:180 Resp: 37309  
Ion Ratio Lower Upper  
180 100  
182 92.3 77.2 115.8  
145 28.0 21.7 32.5

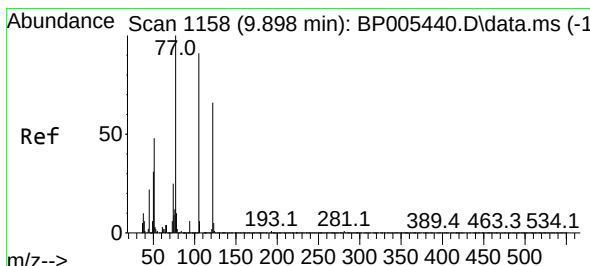
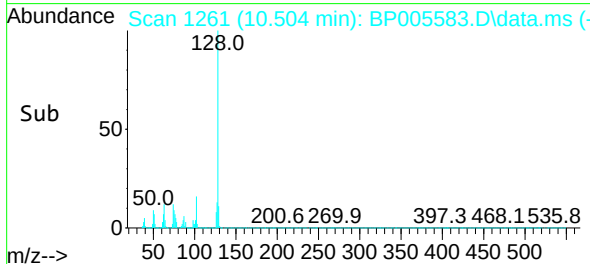
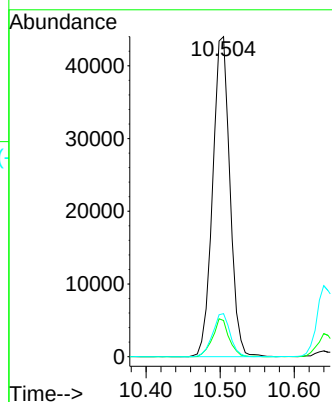
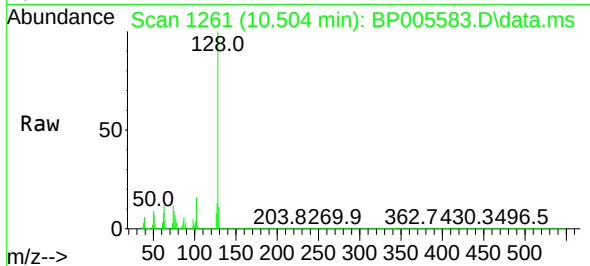




#31  
Naphthalene  
Concen: 36.89 ng  
RT: 10.504 min Scan# 1261  
Delta R.T. 0.000 min  
Lab File: BP005583.D  
Acq: 17 May 2021 16:32

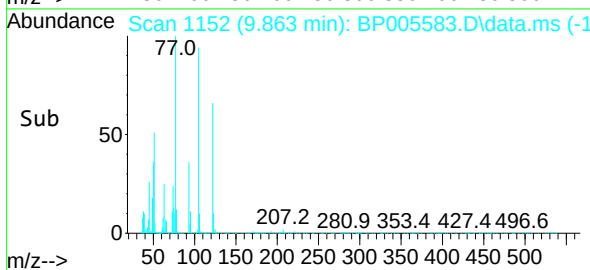
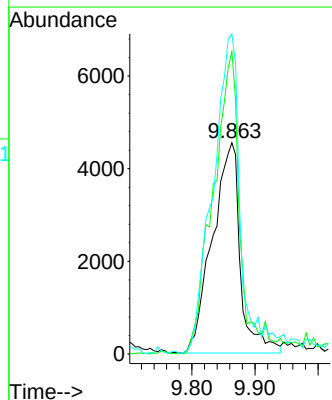
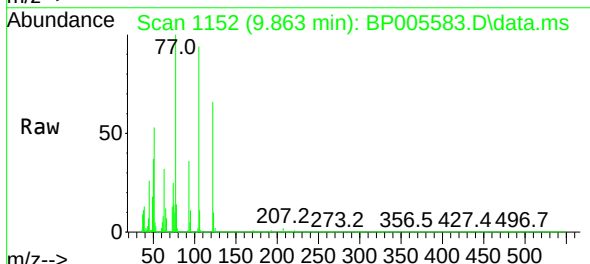
Instrument :  
BNA\_P  
ClientSampleId :  
PB136455BS

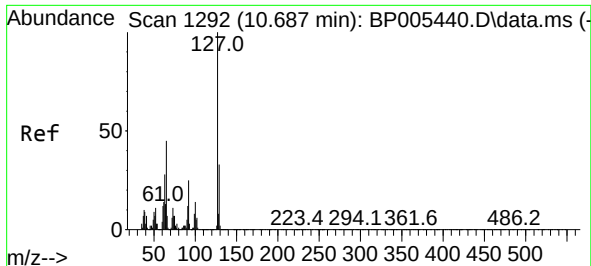
|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 128   | Resp: | 70980 |
| Ion Ratio | Lower | Upper |       |
| 128       | 100   |       |       |
| 129       | 11.3  | 8.0   | 12.0  |
| 127       | 13.5  | 11.1  | 16.7  |



#32  
Benzoic acid  
Concen: 35.71 ng  
RT: 9.863 min Scan# 1152  
Delta R.T. 0.006 min  
Lab File: BP005583.D  
Acq: 17 May 2021 16:32

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 122   | Resp: | 13942  |
| Ion Ratio | Lower | Upper |        |
| 122       | 100   |       |        |
| 105       | 143.1 | 105.1 | 145.1  |
| 77        | 151.5 | 69.6  | 109.6# |

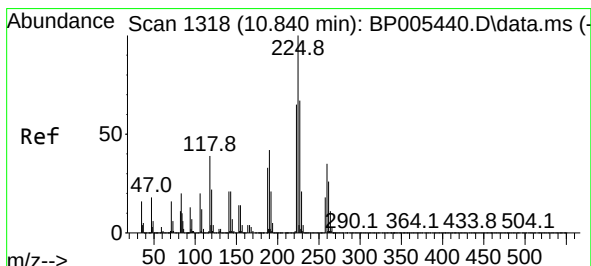
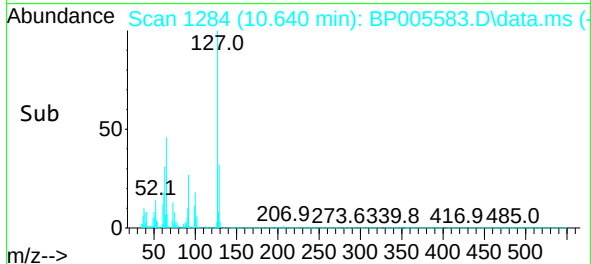
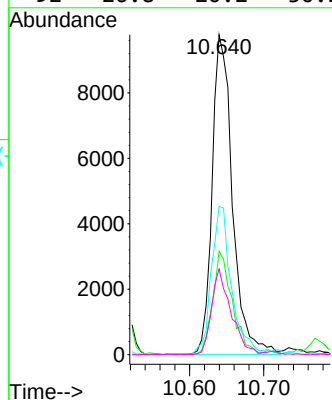
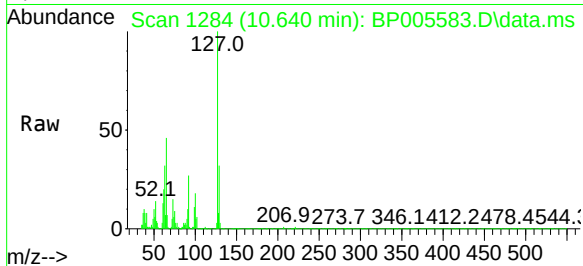




#33  
4-Chloroaniline  
Concen: 24.80 ng  
RT: 10.640 min Scan# 1284  
Delta R.T. -0.006 min  
Lab File: BP005583.D  
Acq: 17 May 2021 16:32

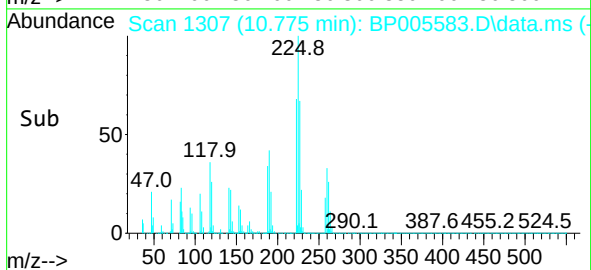
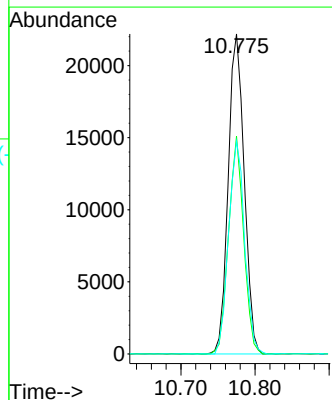
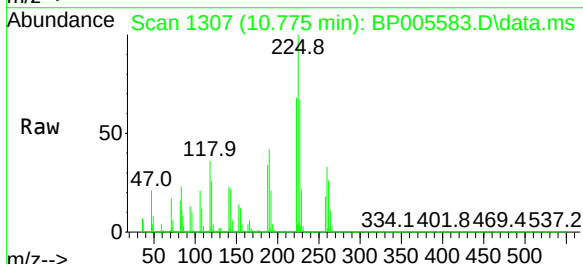
Instrument :  
BNA\_P  
ClientSampleId :  
PB136455BS

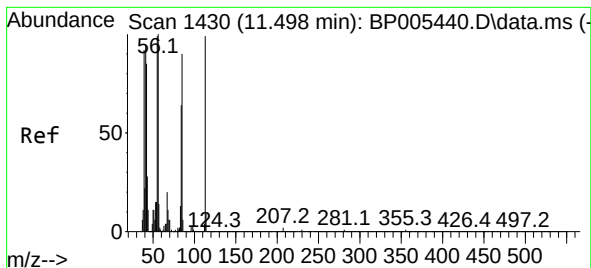
|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 127   | Resp: | 18581 |
| Ion      | Ratio | Lower | Upper |
| 127      | 100   |       |       |
| 129      | 32.3  | 25.5  | 38.3  |
| 65       | 46.3  | 30.0  | 45.0# |
| 92       | 26.8  | 20.2  | 30.2  |



#34  
Hexachlorobutadiene  
Concen: 39.30 ng  
RT: 10.775 min Scan# 1307  
Delta R.T. 0.000 min  
Lab File: BP005583.D  
Acq: 17 May 2021 16:32

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 225   | Resp: | 33226 |
| Ion      | Ratio | Lower | Upper |
| 225      | 100   |       |       |
| 223      | 68.1  | 51.1  | 76.7  |
| 227      | 66.6  | 50.2  | 75.2  |

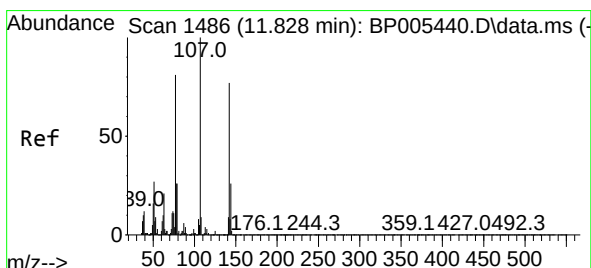
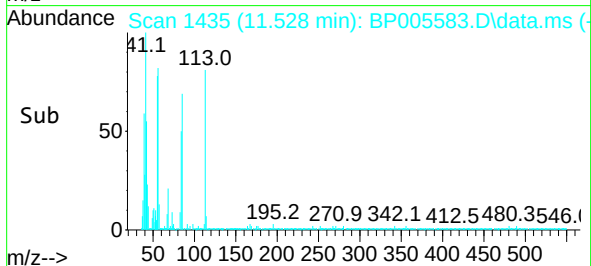
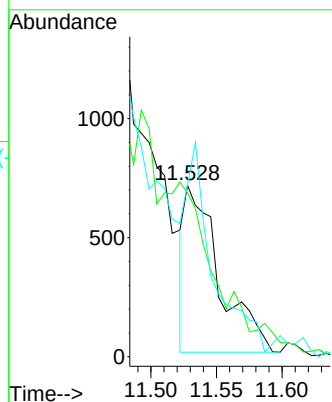
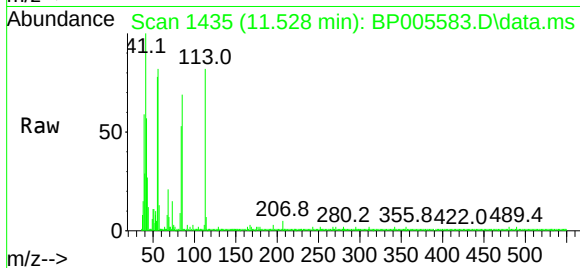




#35  
Caprolactam  
Concen: 7.01 ng  
RT: 11.528 min Scan# 1435  
Delta R.T. 0.077 min  
Lab File: BP005583.D  
Acq: 17 May 2021 16:32

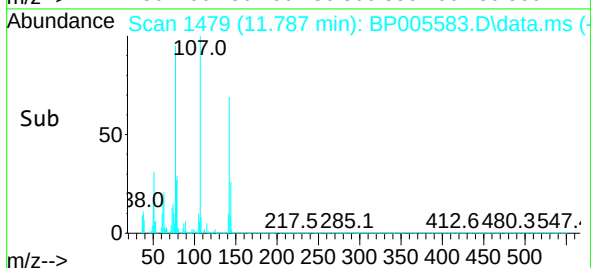
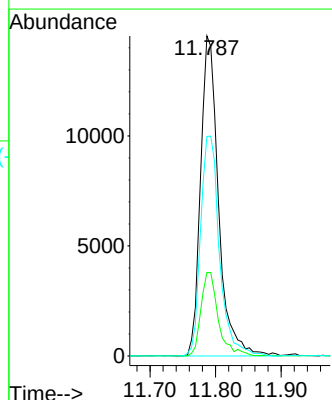
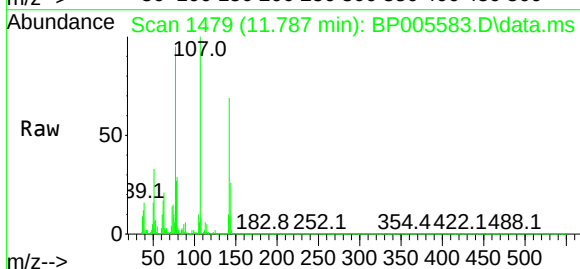
Instrument :  
BNA\_P  
ClientSampleId :  
PB136455BS

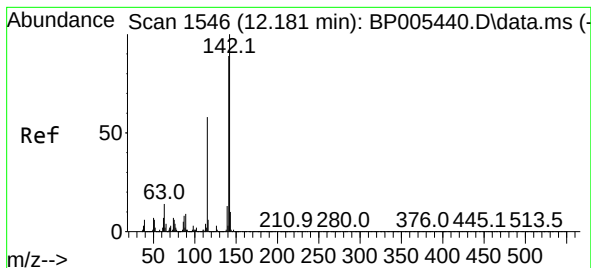
Tgt Ion:113 Resp: 1280  
Ion Ratio Lower Upper  
113 100  
55 95.6 72.0 112.0  
56 100.6 65.1 105.1



#36  
4-Chloro-3-methylphenol  
Concen: 39.32 ng  
RT: 11.787 min Scan# 1479  
Delta R.T. 0.000 min  
Lab File: BP005583.D  
Acq: 17 May 2021 16:32

Tgt Ion:107 Resp: 27822  
Ion Ratio Lower Upper  
107 100  
144 26.1 20.1 30.1  
142 68.6 62.2 93.4

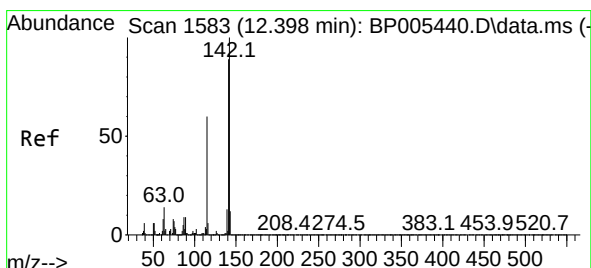
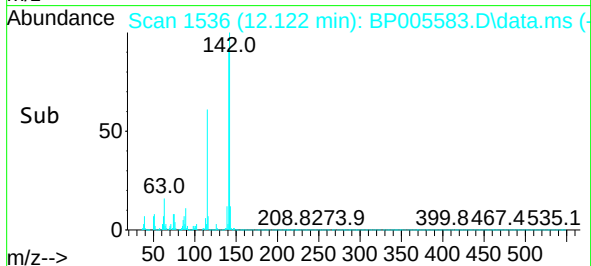
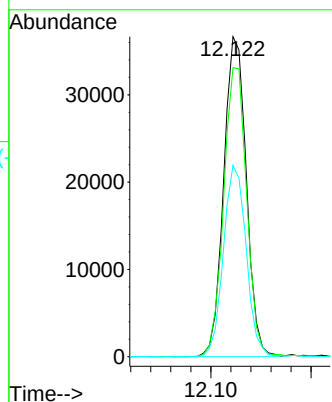
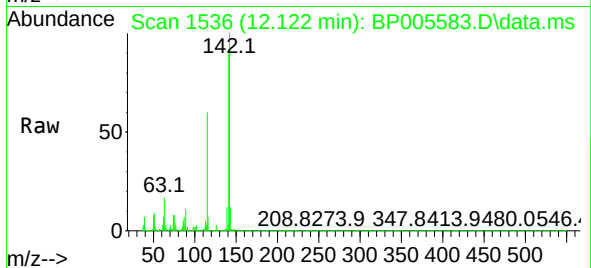




#37  
2-Methylnaphthalene  
Concen: 37.11 ng  
RT: 12.122 min Scan# 1536  
Delta R.T. -0.006 min  
Lab File: BP005583.D  
Acq: 17 May 2021 16:32

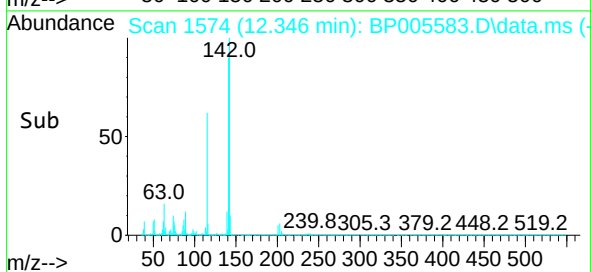
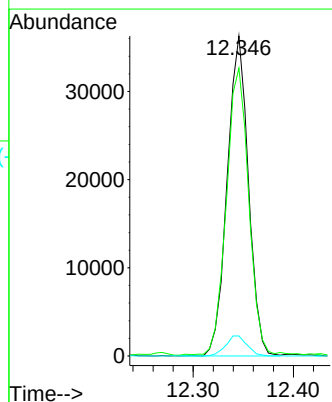
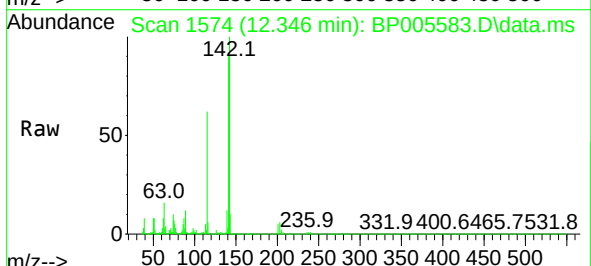
Instrument :  
BNA\_P  
ClientSampleId :  
PB136455BS

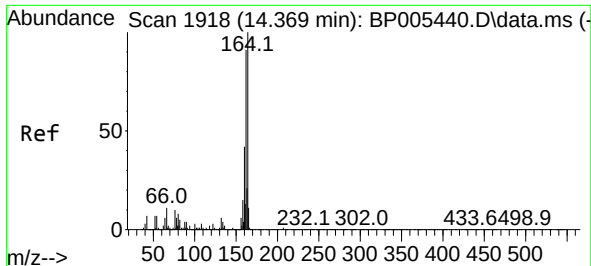
Tgt Ion:142 Resp: 57269  
Ion Ratio Lower Upper  
142 100  
141 90.3 74.7 112.1  
115 59.8 43.8 65.8



#38  
1-Methylnaphthalene  
Concen: 36.57 ng  
RT: 12.346 min Scan# 1574  
Delta R.T. 0.000 min  
Lab File: BP005583.D  
Acq: 17 May 2021 16:32

Tgt Ion:142 Resp: 53278  
Ion Ratio Lower Upper  
142 100  
141 89.9 77.0 115.6  
116 6.3 5.0 7.6

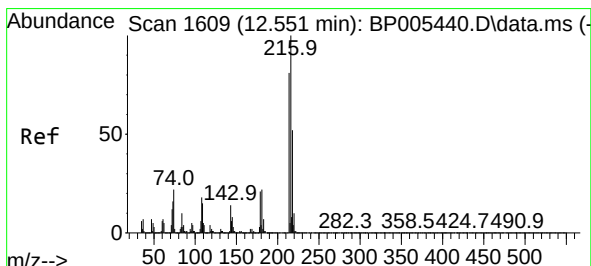
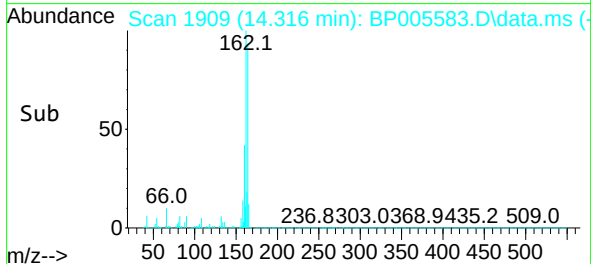
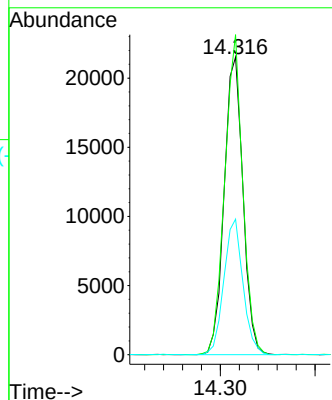
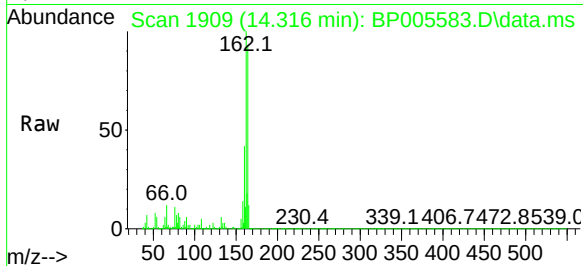




#39  
Acenaphthene-d10  
Concen: 20.00 ng  
RT: 14.316 min Scan# 1909  
Delta R.T. 0.000 min  
Lab File: BP005583.D  
Acq: 17 May 2021 16:32

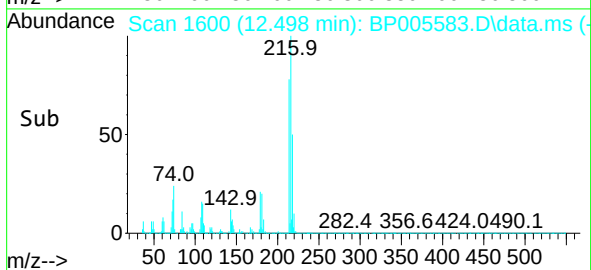
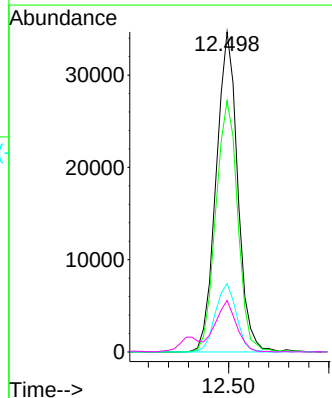
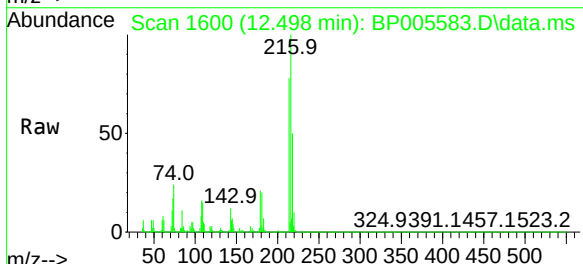
Instrument :  
BNA\_P  
ClientSampleId :  
PB136455BS

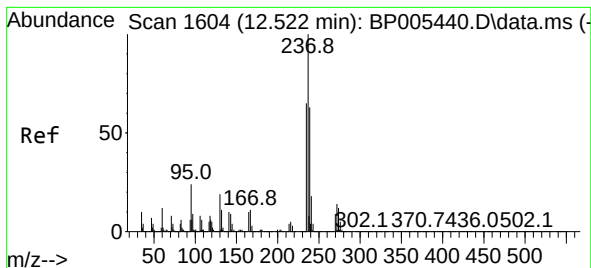
|             |       |            |
|-------------|-------|------------|
| Tgt Ion:164 | Resp: | 29684      |
| Ion Ratio   | Lower | Upper      |
| 164         | 100   |            |
| 162         | 107.5 | 73.5 110.3 |
| 160         | 45.5  | 40.6 61.0  |



#40  
1,2,4,5-Tetrachlorobenzene  
Concen: 37.86 ng  
RT: 12.498 min Scan# 1600  
Delta R.T. 0.000 min  
Lab File: BP005583.D  
Acq: 17 May 2021 16:32

|             |       |           |
|-------------|-------|-----------|
| Tgt Ion:216 | Resp: | 51632     |
| Ion Ratio   | Lower | Upper     |
| 216         | 100   |           |
| 214         | 80.1  | 60.6 91.0 |
| 179         | 20.9  | 15.3 22.9 |
| 108         | 15.4  | 13.8 20.6 |

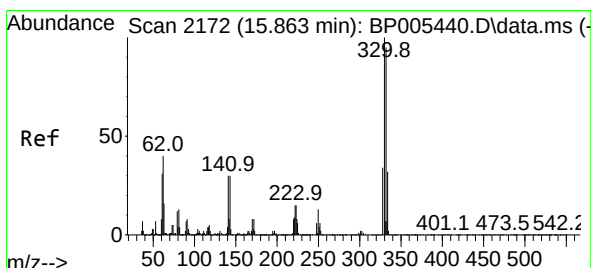
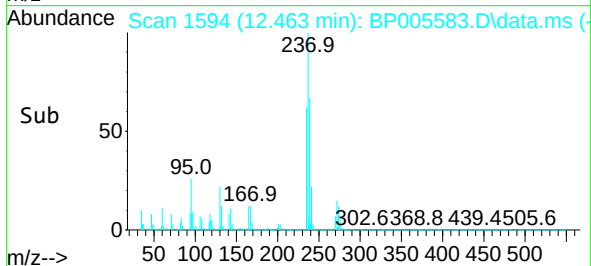
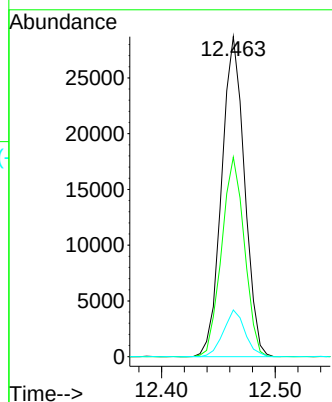
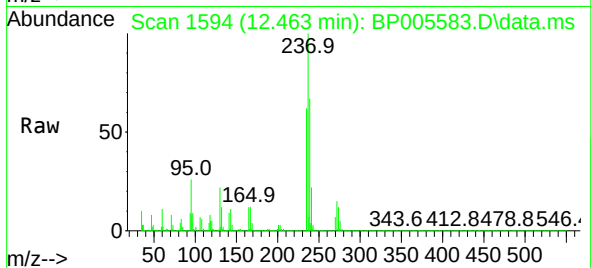




#41  
Hexachlorocyclopentadiene  
Concen: 70.96 ng  
RT: 12.463 min Scan# 1594  
Delta R.T. 0.000 min  
Lab File: BP005583.D  
Acq: 17 May 2021 16:32

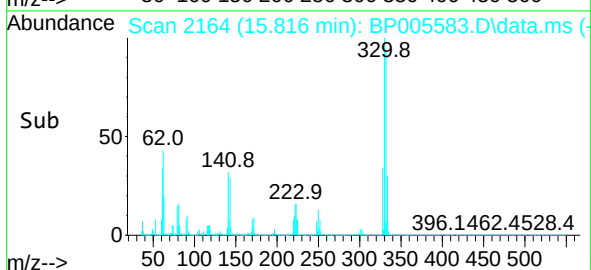
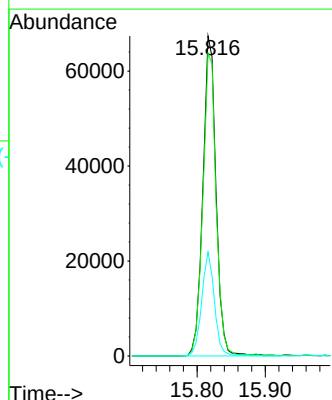
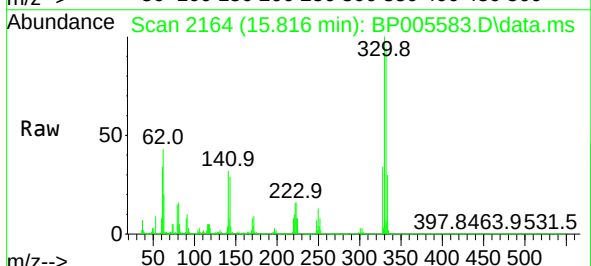
Instrument :  
BNA\_P  
ClientSampleId :  
PB136455BS

Tgt Ion:237 Resp: 40123  
Ion Ratio Lower Upper  
237 100  
235 62.4 40.9 80.9  
272 14.6 0.0 34.6

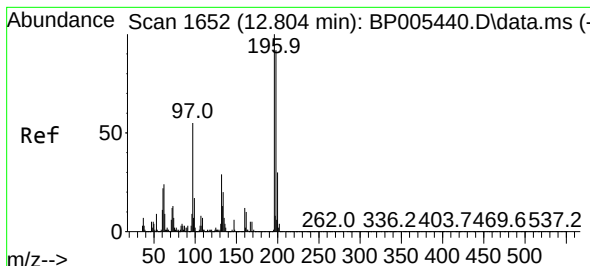


#42  
2,4,6-Tribromophenol  
Concen: 107.07 ng  
RT: 15.816 min Scan# 2164  
Delta R.T. 0.000 min  
Lab File: BP005583.D  
Acq: 17 May 2021 16:32

Tgt Ion:330 Resp: 90192  
Ion Ratio Lower Upper  
330 100  
332 95.1 76.3 114.5  
141 31.5 22.8 34.2



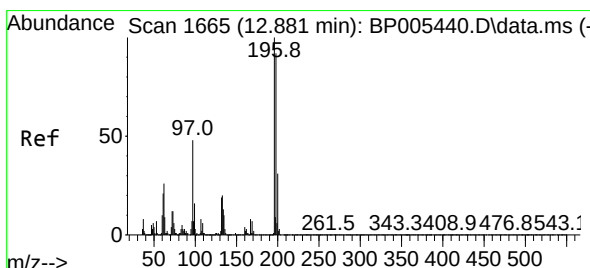
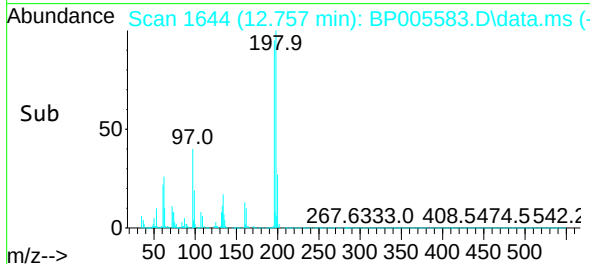
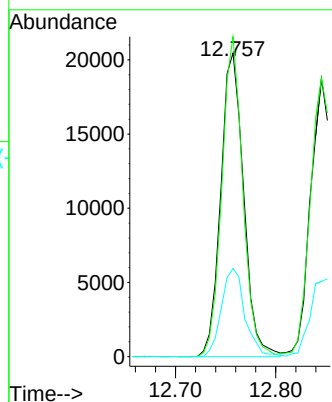
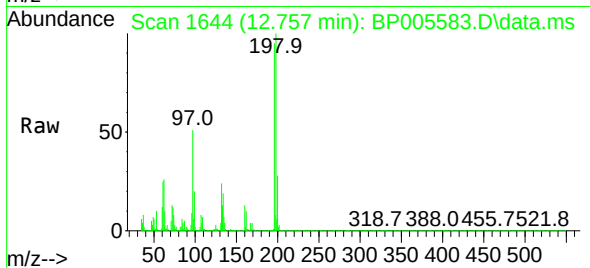




#43  
2,4,6-Trichlorophenol  
Concen: 37.96 ng  
RT: 12.757 min Scan# 1644  
Delta R.T. 0.000 min  
Lab File: BP005583.D  
Acq: 17 May 2021 16:32

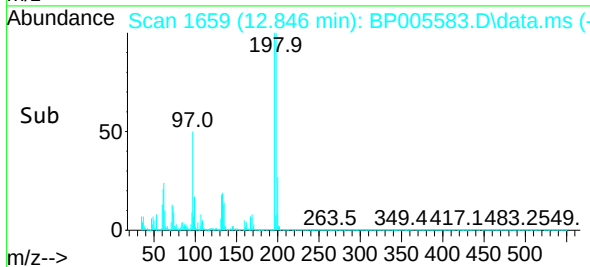
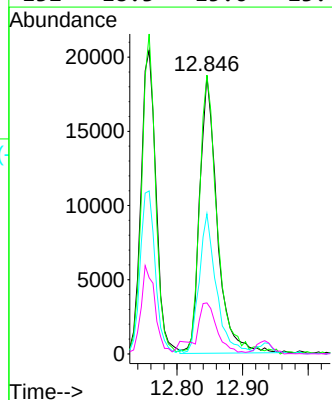
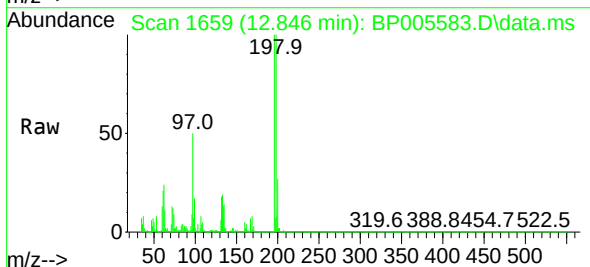
Instrument :  
BNA\_P  
ClientSampleId :  
PB136455BS

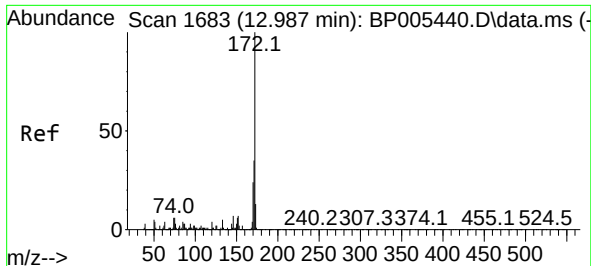
Tgt Ion:196 Resp: 32348  
Ion Ratio Lower Upper  
196 100  
198 105.4 81.4 122.2  
200 29.0 28.2 42.2



#44  
2,4,5-Trichlorophenol  
Concen: 37.79 ng  
RT: 12.846 min Scan# 1659  
Delta R.T. 0.000 min  
Lab File: BP005583.D  
Acq: 17 May 2021 16:32

Tgt Ion:196 Resp: 34750  
Ion Ratio Lower Upper  
196 100  
198 100.3 71.0 106.4  
97 50.4 38.5 57.7  
132 18.3 15.6 23.4

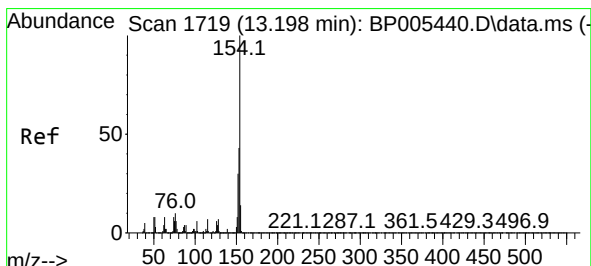
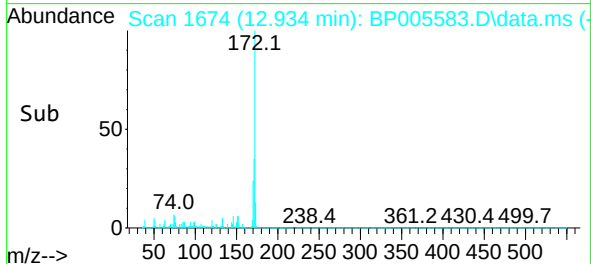
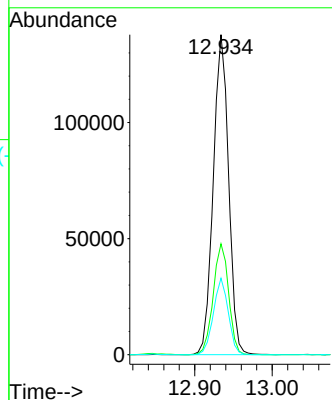
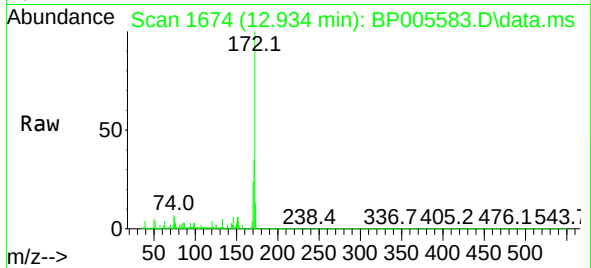




#45  
2-Fluorobiphenyl  
Concen: 71.94 ng  
RT: 12.934 min Scan# 1674  
Delta R.T. 0.000 min  
Lab File: BP005583.D  
Acq: 17 May 2021 16:32

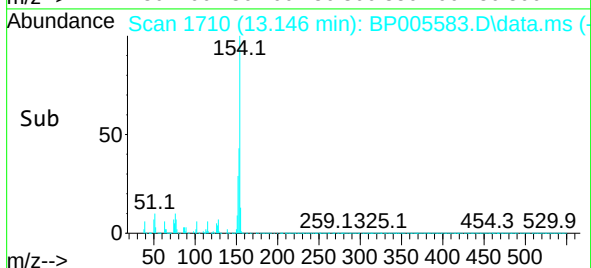
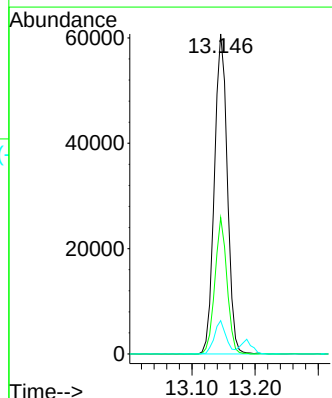
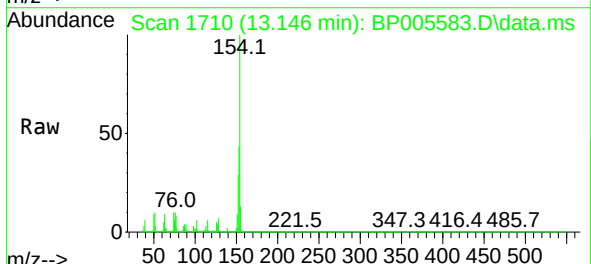
Instrument :  
BNA\_P  
ClientSampleId :  
PB136455BS

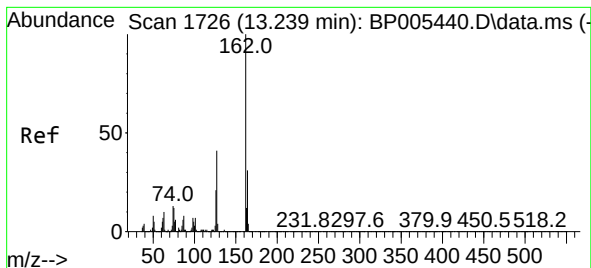
Tgt Ion:172 Resp: 189317  
Ion Ratio Lower Upper  
172 100  
171 34.6 28.1 42.1  
170 23.9 19.6 29.4



#46  
1,1'-Biphenyl  
Concen: 37.73 ng  
RT: 13.146 min Scan# 1710  
Delta R.T. 0.000 min  
Lab File: BP005583.D  
Acq: 17 May 2021 16:32

Tgt Ion:154 Resp: 86235  
Ion Ratio Lower Upper  
154 100  
153 42.6 18.9 58.9  
76 10.4 0.0 32.1

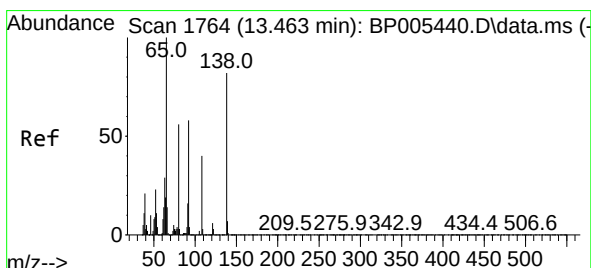
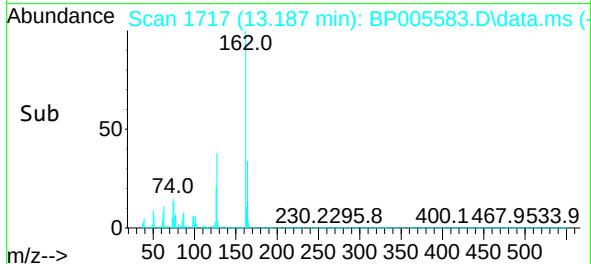
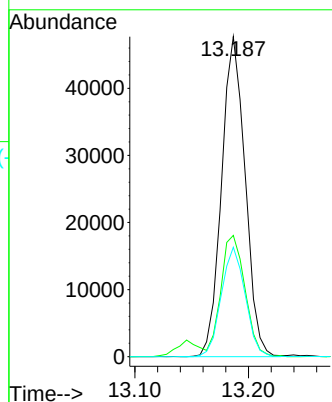
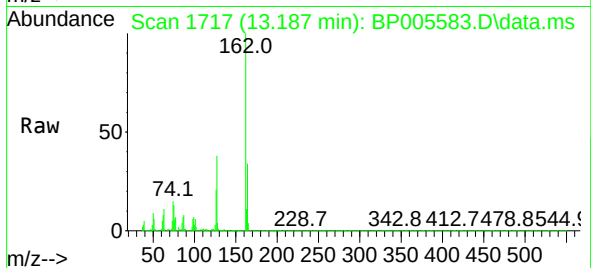




#47  
2-Chloronaphthalene  
Concen: 36.19 ng  
RT: 13.187 min Scan# 1717  
Delta R.T. 0.000 min  
Lab File: BP005583.D  
Acq: 17 May 2021 16:32

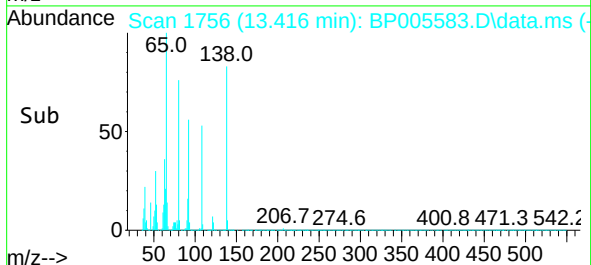
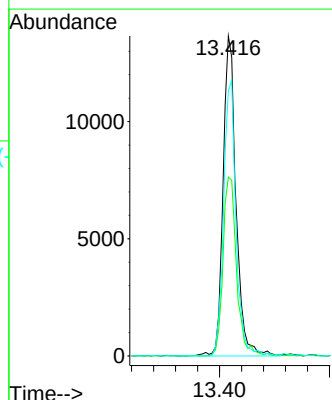
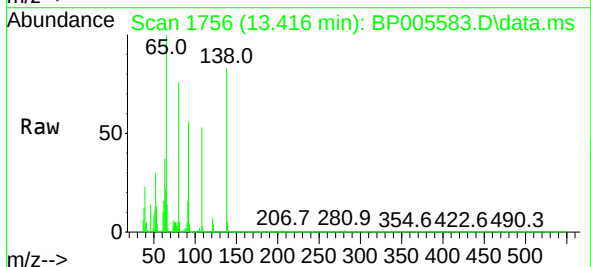
Instrument :  
BNA\_P  
ClientSampleId :  
PB136455BS

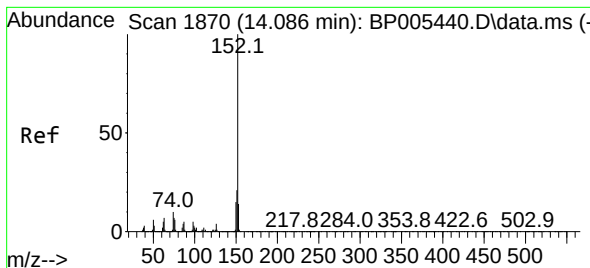
|             |       |           |
|-------------|-------|-----------|
| Tgt Ion:162 | Resp: | 68870     |
| Ion Ratio   | Lower | Upper     |
| 162         | 100   |           |
| 127         | 37.9  | 31.4 47.0 |
| 164         | 34.2  | 26.6 39.8 |



#48  
2-Nitroaniline  
Concen: 41.22 ng  
RT: 13.416 min Scan# 1756  
Delta R.T. -0.006 min  
Lab File: BP005583.D  
Acq: 17 May 2021 16:32

|             |       |            |
|-------------|-------|------------|
| Tgt Ion: 65 | Resp: | 22280      |
| Ion Ratio   | Lower | Upper      |
| 65          | 100   |            |
| 92          | 55.9  | 48.8 73.2  |
| 138         | 82.8  | 69.5 104.3 |





#49

Acenaphthylene

Concen: 40.02 ng

RT: 14.034 min Scan# 1861

Delta R.T. -0.006 min

Lab File: BP005583.D

Acq: 17 May 2021 16:32

Tgt Ion:152 Resp: 109715

Ion Ratio Lower Upper

152 100

151 19.7 15.8 23.6

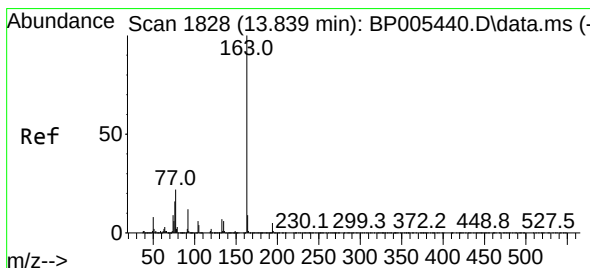
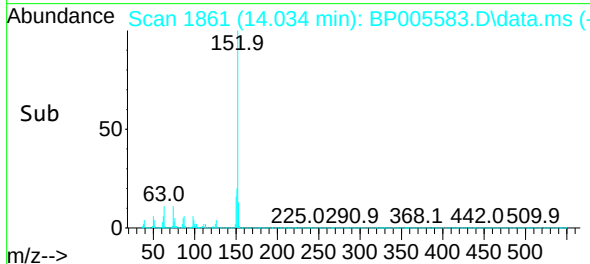
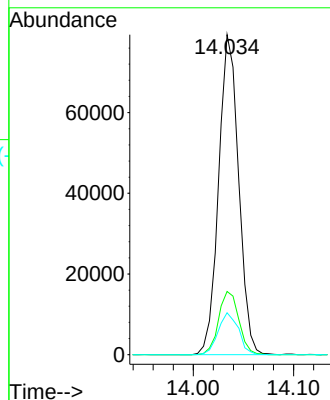
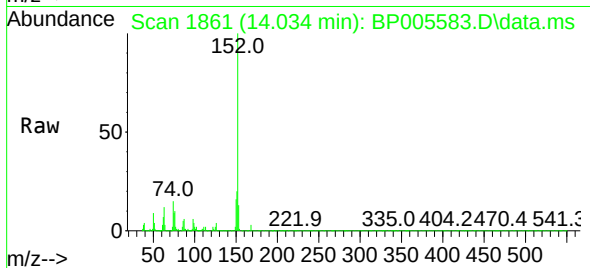
153 13.1 10.5 15.7

Instrument :

BNA\_P

ClientSampleId :

PB136455BS



#50

Dimethylphthalate

Concen: 38.45 ng

RT: 13.787 min Scan# 1819

Delta R.T. 0.000 min

Lab File: BP005583.D

Acq: 17 May 2021 16:32

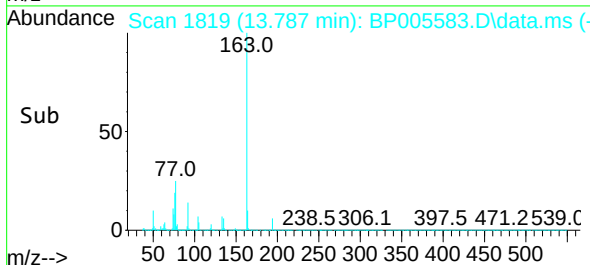
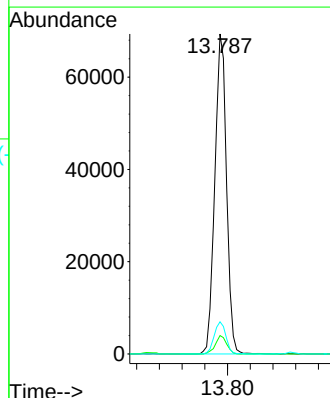
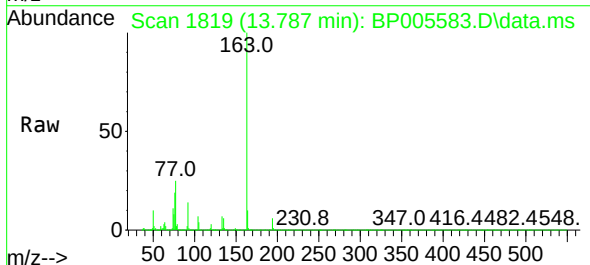
Tgt Ion:163 Resp: 98521

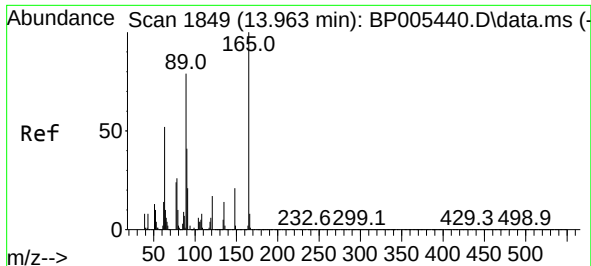
Ion Ratio Lower Upper

163 100

194 5.7 3.9 5.9

164 10.1 8.1 12.1

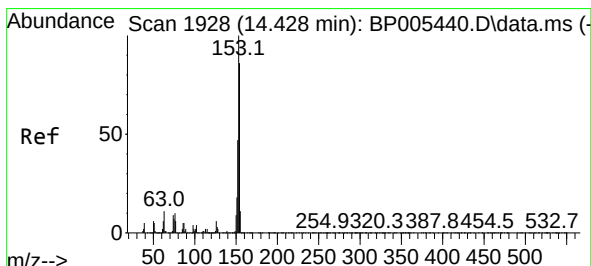
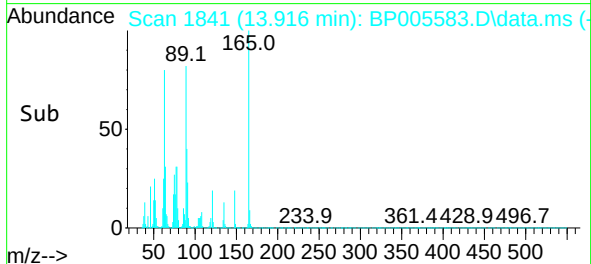
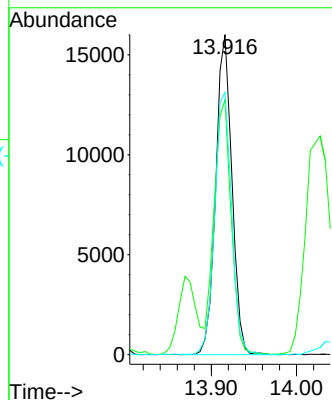
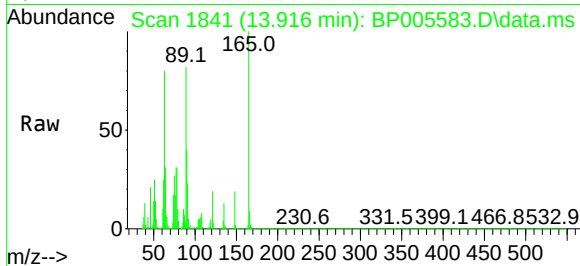




#51  
2,6-Dinitrotoluene  
Concen: 36.65 ng  
RT: 13.916 min Scan# 1841  
Delta R.T. 0.000 min  
Lab File: BP005583.D  
Acq: 17 May 2021 16:32

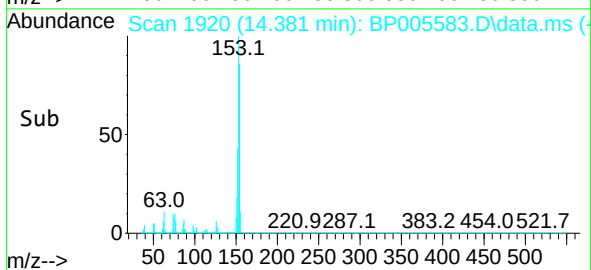
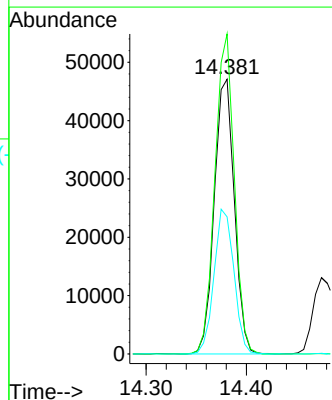
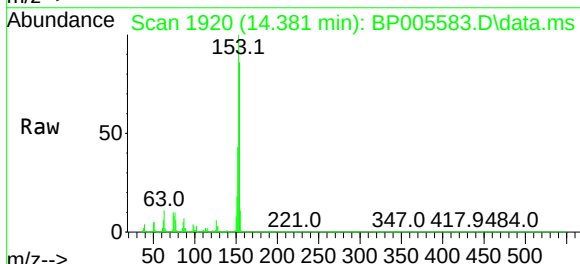
Instrument :  
BNA\_P  
ClientSampleId :  
PB136455BS

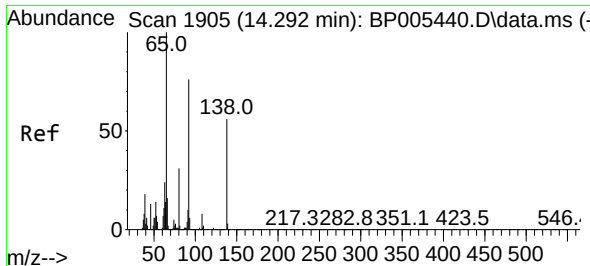
|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 165   | Resp: | 21086 |
| Ion Ratio | Lower | Upper |       |
| 165       | 100   |       |       |
| 63        | 79.6  | 67.4  | 101.0 |
| 89        | 82.0  | 73.8  | 110.6 |



#52  
Acenaphthene  
Concen: 38.41 ng  
RT: 14.381 min Scan# 1920  
Delta R.T. 0.000 min  
Lab File: BP005583.D  
Acq: 17 May 2021 16:32

|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 154   | Resp: | 65511 |
| Ion Ratio | Lower | Upper |       |
| 154       | 100   |       |       |
| 153       | 116.5 | 90.9  | 136.3 |
| 152       | 49.9  | 48.5  | 72.7  |

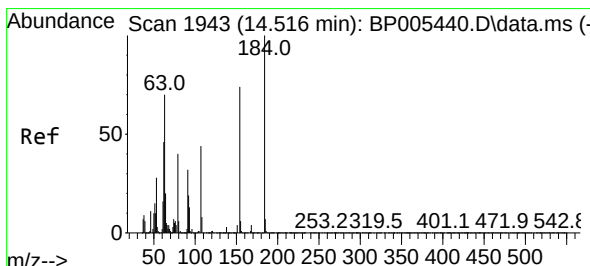
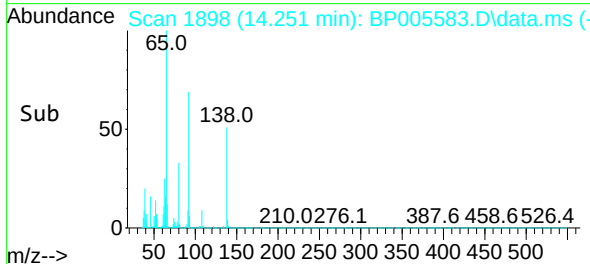
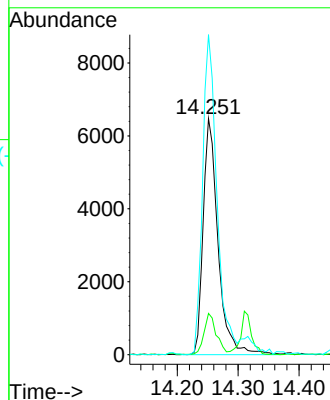
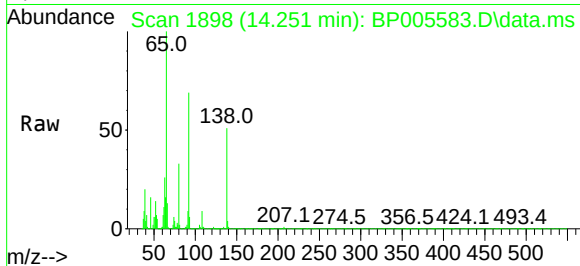




#53  
3-Nitroaniline  
Concen: 26.62 ng  
RT: 14.251 min Scan# 1898  
Delta R.T. 0.000 min  
Lab File: BP005583.D  
Acq: 17 May 2021 16:32

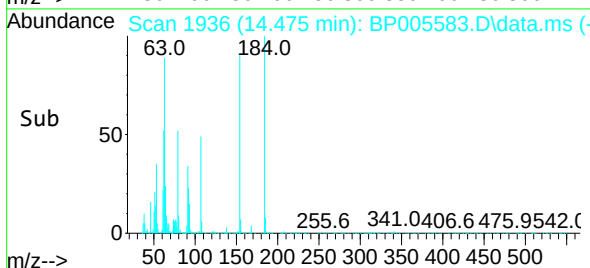
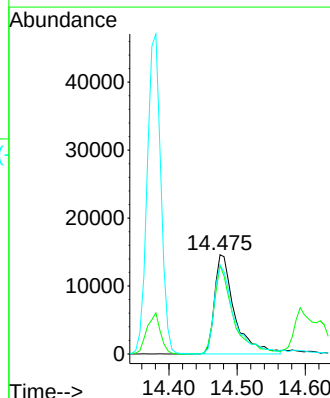
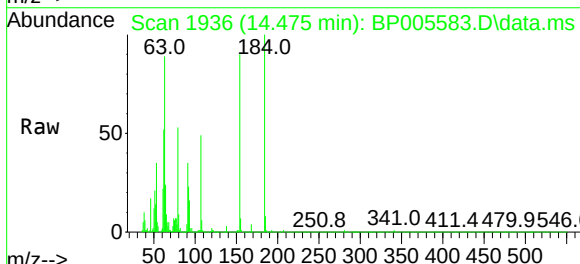
Instrument :  
BNA\_P  
ClientSampleId :  
PB136455BS

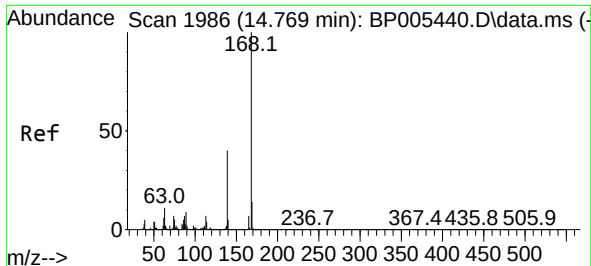
Tgt Ion:138 Resp: 10975  
Ion Ratio Lower Upper  
138 100  
108 17.5 10.2 15.4#  
92 135.5 108.1 162.1



#54  
2,4-Dinitrophenol  
Concen: 85.53 ng  
RT: 14.475 min Scan# 1936  
Delta R.T. -0.012 min  
Lab File: BP005583.D  
Acq: 17 May 2021 16:32

Tgt Ion:184 Resp: 29687  
Ion Ratio Lower Upper  
184 100  
63 89.3 51.2 76.8#  
154 89.7 55.8 83.8#

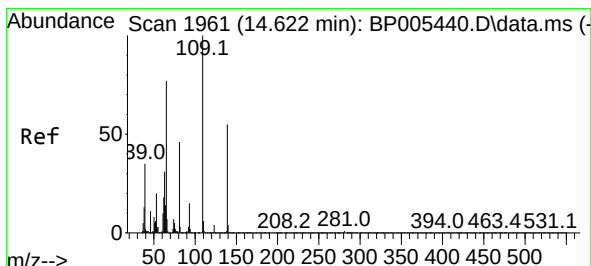
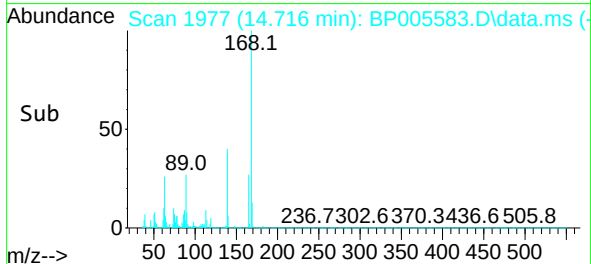
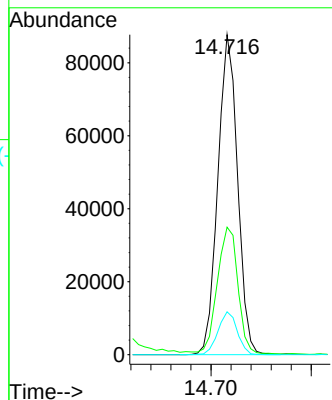
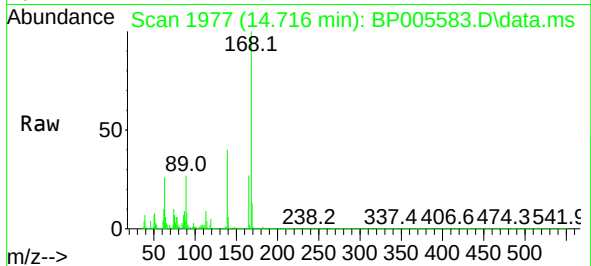




#55  
Dibenzofuran  
Concen: 37.27 ng  
RT: 14.716 min Scan# 1977  
Delta R.T. 0.000 min  
Lab File: BP005583.D  
Acq: 17 May 2021 16:32

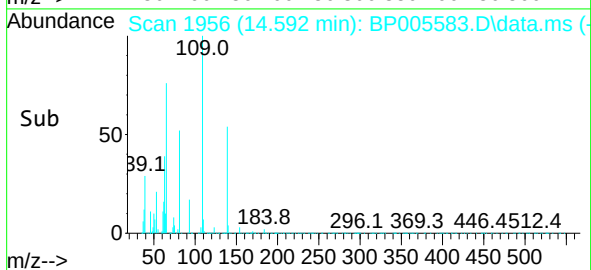
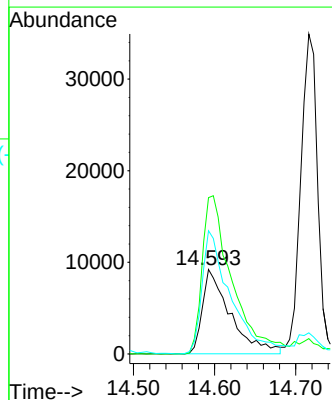
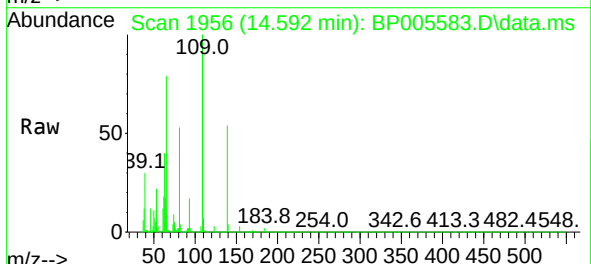
Instrument :  
BNA\_P  
ClientSampleId :  
PB136455BS

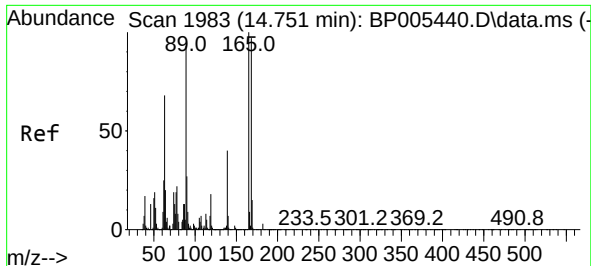
Tgt Ion:168 Resp: 119594  
Ion Ratio Lower Upper  
168 100  
139 39.8 31.4 47.0  
169 13.4 11.4 17.0



#56  
4-Nitrophenol  
Concen: 71.07 ng  
RT: 14.592 min Scan# 1956  
Delta R.T. -0.012 min  
Lab File: BP005583.D  
Acq: 17 May 2021 16:32

Tgt Ion:139 Resp: 22117  
Ion Ratio Lower Upper  
139 100  
109 185.1 122.8 162.8#  
65 146.0 110.0 150.0

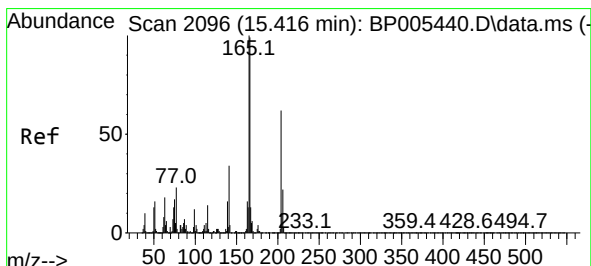
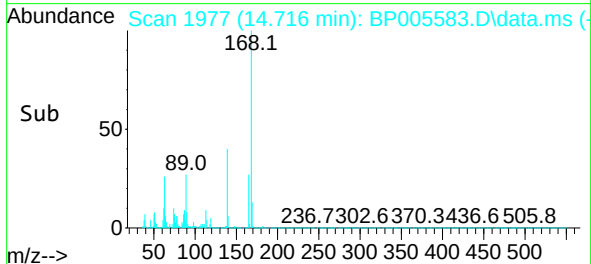
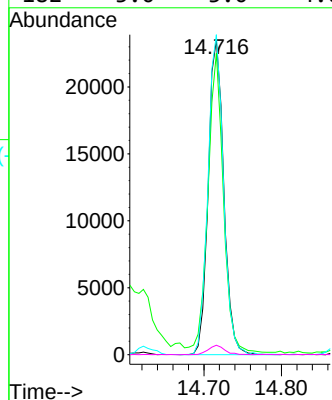
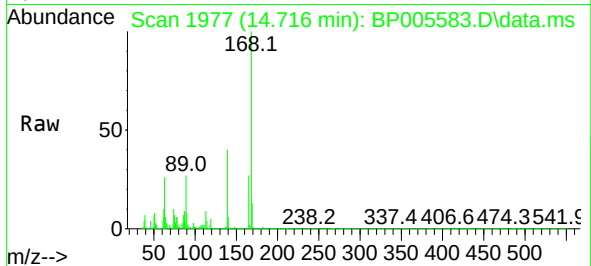




#57  
2,4-Dinitrotoluene  
Concen: 38.62 ng  
RT: 14.716 min Scan# 1977  
Delta R.T. 0.000 min  
Lab File: BP005583.D  
Acq: 17 May 2021 16:32

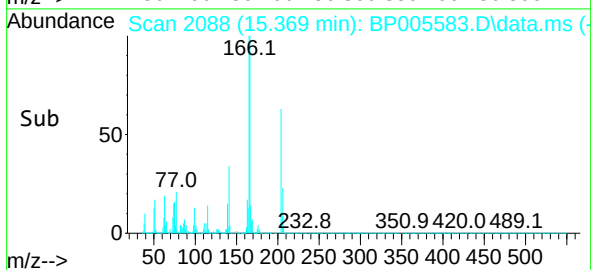
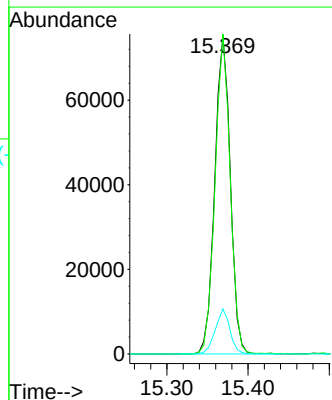
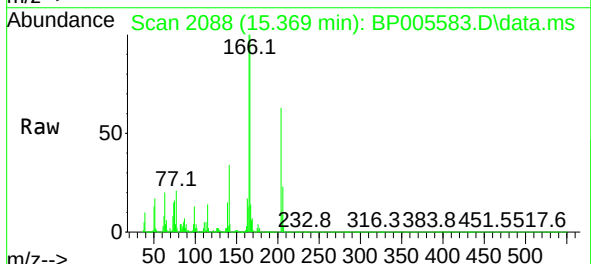
Instrument :  
BNA\_P  
ClientSampleId :  
PB136455BS

Tgt Ion:165 Resp: 32760  
Ion Ratio Lower Upper  
165 100  
63 95.8 56.7 85.1#  
89 101.7 85.8 128.6  
182 3.0 3.0 4.6#

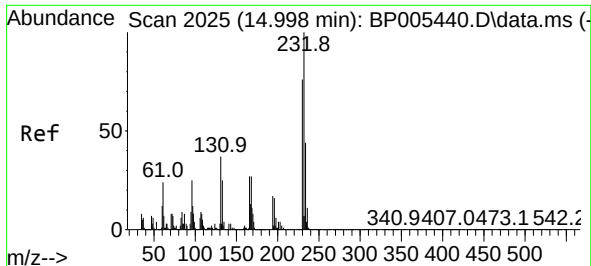


#58  
Fluorene  
Concen: 38.14 ng  
RT: 15.369 min Scan# 2088  
Delta R.T. 0.000 min  
Lab File: BP005583.D  
Acq: 17 May 2021 16:32

Tgt Ion:166 Resp: 99924  
Ion Ratio Lower Upper  
166 100  
165 100.4 78.8 118.2  
167 14.1 10.9 16.3



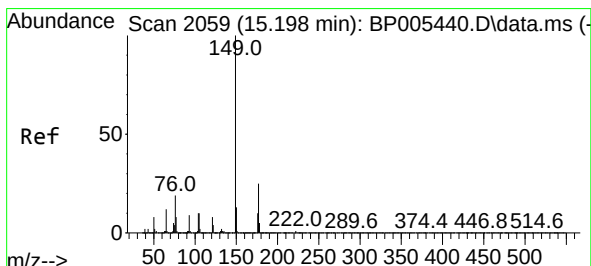
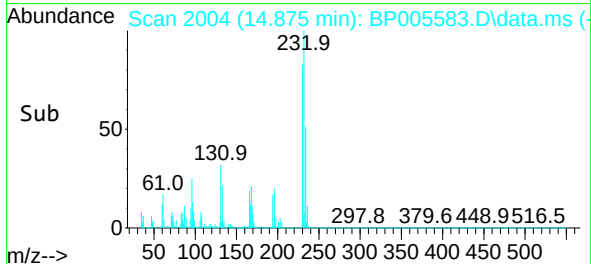
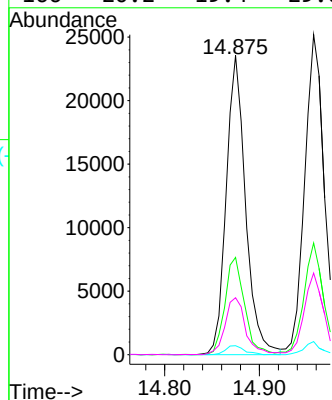
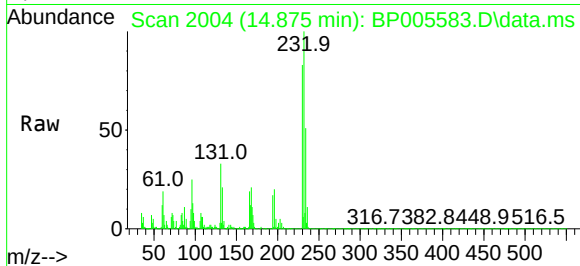




#59  
2,3,4,6-Tetrachlorophenol  
Concen: 36.45 ng  
RT: 14.875 min Scan# 2004  
Delta R.T. -0.082 min  
Lab File: BP005583.D  
Acq: 17 May 2021 16:32

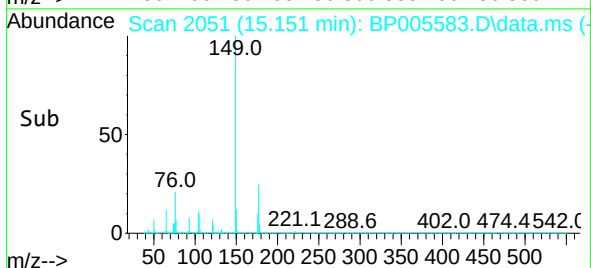
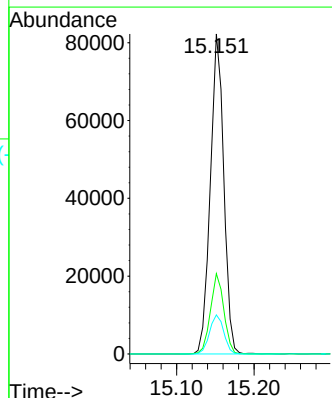
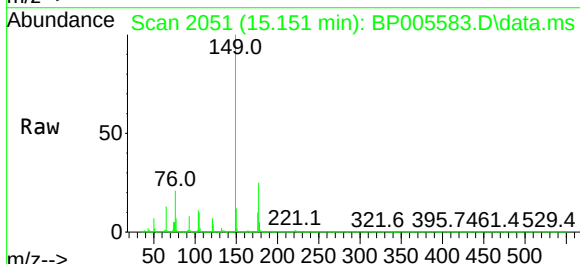
Instrument :  
BNA\_P  
ClientSampleId :  
PB136455BS

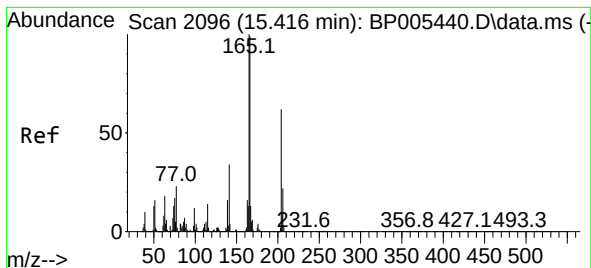
|             |       |           |
|-------------|-------|-----------|
| Tgt Ion:232 | Resp: | 33513     |
| Ion Ratio   | Lower | Upper     |
| 232         | 100   |           |
| 131         | 32.8  | 26.5 39.7 |
| 130         | 3.0   | 2.1 3.1   |
| 166         | 20.2  | 19.4 29.0 |



#60  
Diethylphthalate  
Concen: 39.89 ng  
RT: 15.151 min Scan# 2051  
Delta R.T. 0.000 min  
Lab File: BP005583.D  
Acq: 17 May 2021 16:32

|             |       |           |
|-------------|-------|-----------|
| Tgt Ion:149 | Resp: | 99015     |
| Ion Ratio   | Lower | Upper     |
| 149         | 100   |           |
| 177         | 25.1  | 19.2 28.8 |
| 150         | 12.2  | 9.9 14.9  |

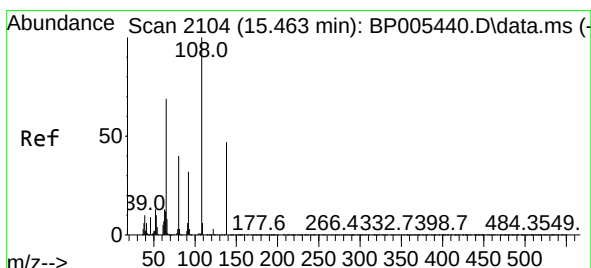
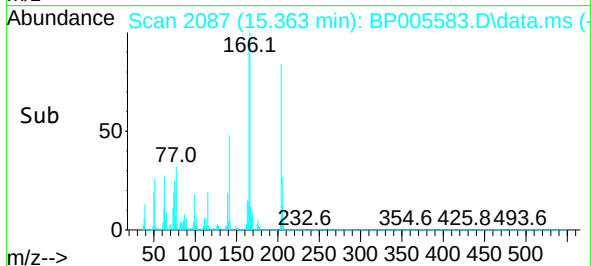
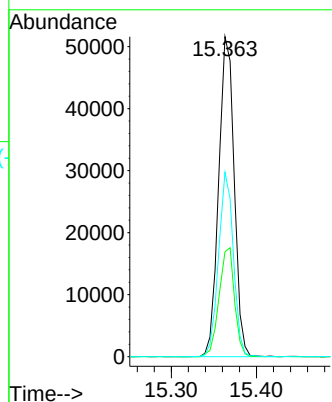
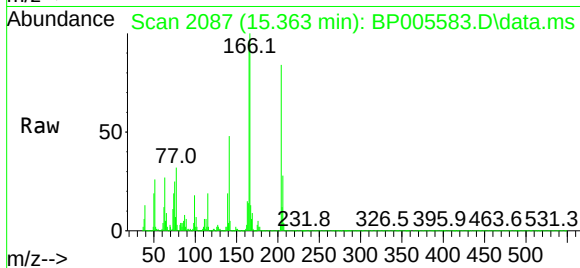




#61  
4-Chlorophenyl-phenylether  
Concen: 39.87 ng  
RT: 15.363 min Scan# 2087  
Delta R.T. 0.000 min  
Lab File: BP005583.D  
Acq: 17 May 2021 16:32

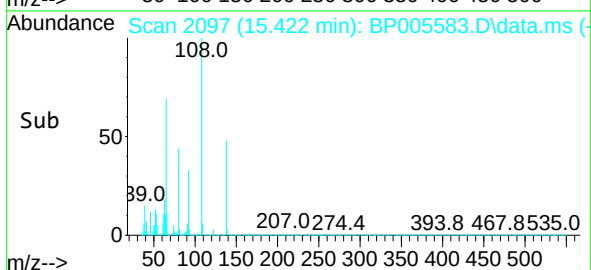
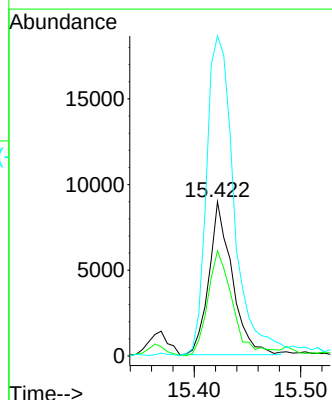
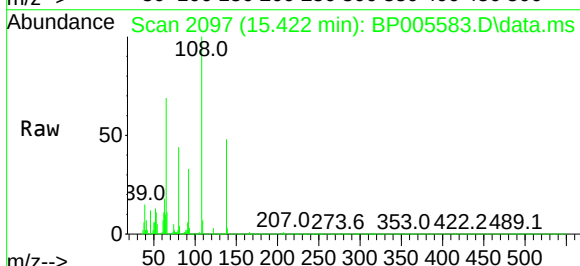
Instrument :  
BNA\_P  
ClientSampleId :  
PB136455BS

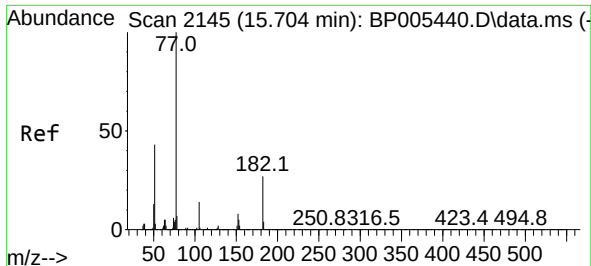
Tgt Ion:204 Resp: 65352  
Ion Ratio Lower Upper  
204 100  
206 32.8 26.0 39.0  
141 57.6 44.2 66.2



#62  
4-Nitroaniline  
Concen: 34.19 ng  
RT: 15.422 min Scan# 2097  
Delta R.T. 0.000 min  
Lab File: BP005583.D  
Acq: 17 May 2021 16:32

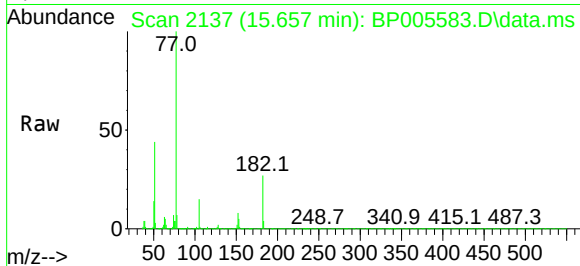
Tgt Ion:138 Resp: 13540  
Ion Ratio Lower Upper  
138 100  
92 68.2 50.9 90.9  
108 207.4 154.7 194.7#



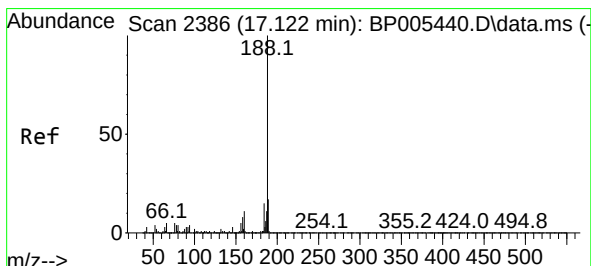
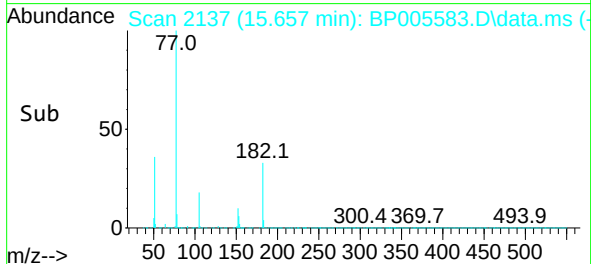
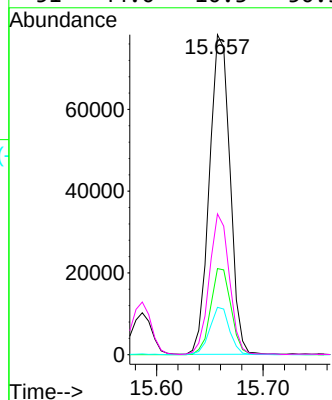


#63  
Azobenzene  
Concen: 41.04 ng  
RT: 15.657 min Scan# 2137  
Delta R.T. 0.000 min  
Lab File: BP005583.D  
Acq: 17 May 2021 16:32

Instrument :  
BNA\_P  
ClientSampleId :  
PB136455BS

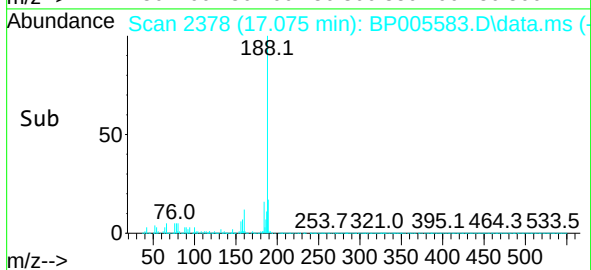
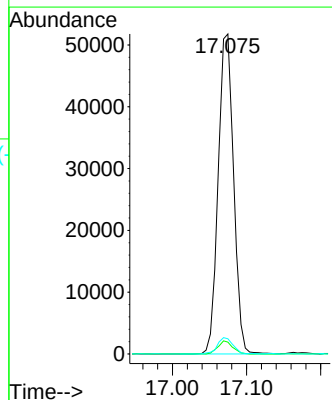
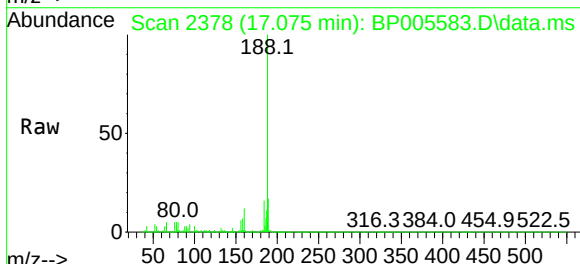


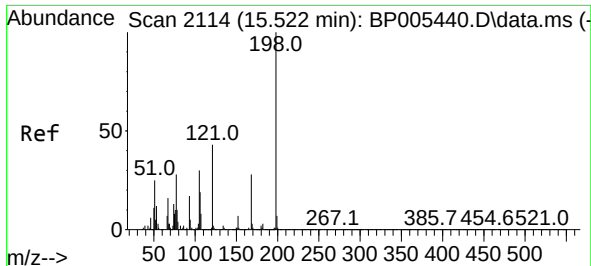
| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 77      | 100   |       |       |
| 182     | 26.9  | 5.5   | 45.5  |
| 105     | 14.8  | 0.0   | 36.5  |
| 51      | 44.0  | 10.3  | 50.3  |



#64  
Phenanthrene-d10  
Concen: 20.00 ng  
RT: 17.075 min Scan# 2378  
Delta R.T. 0.000 min  
Lab File: BP005583.D  
Acq: 17 May 2021 16:32

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 188     | 100   |       |       |
| 94      | 3.7   | 5.0   | 7.6#  |
| 80      | 4.7   | 5.9   | 8.9#  |

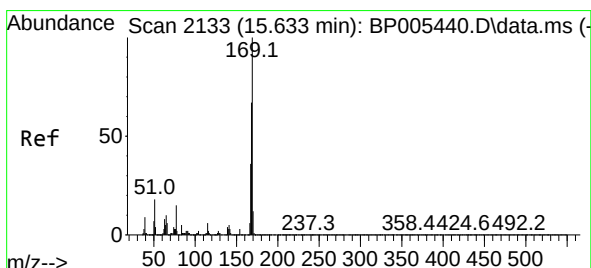
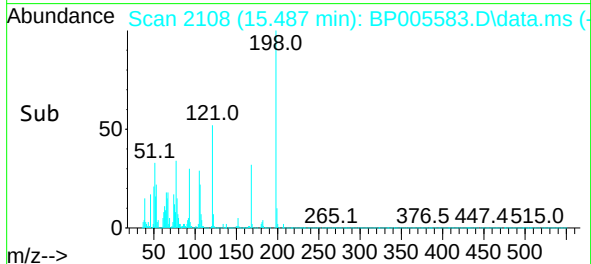
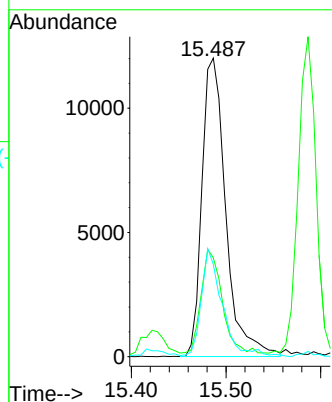
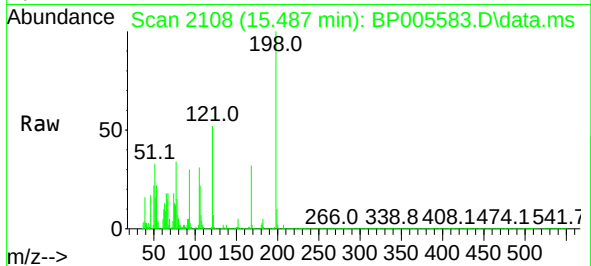




#65  
4,6-Dinitro-2-methylphenol  
Concen: 35.27 ng  
RT: 15.487 min Scan# 2108  
Delta R.T. 0.000 min  
Lab File: BP005583.D  
Acq: 17 May 2021 16:32

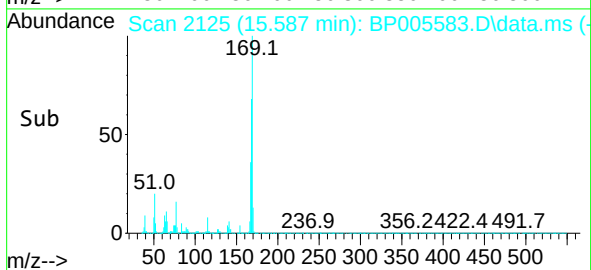
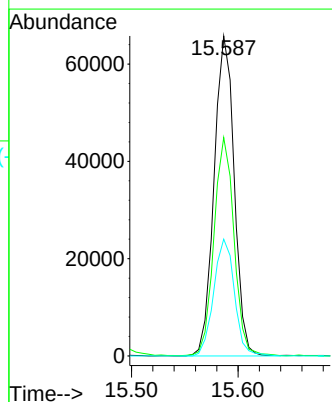
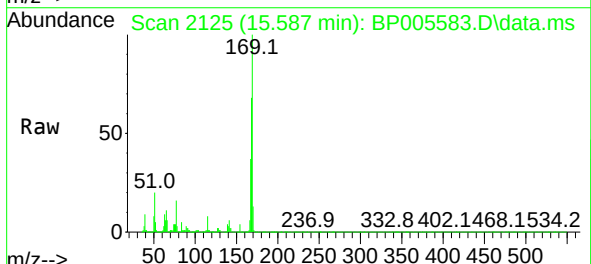
Instrument :  
BNA\_P  
ClientSampleId :  
PB136455BS

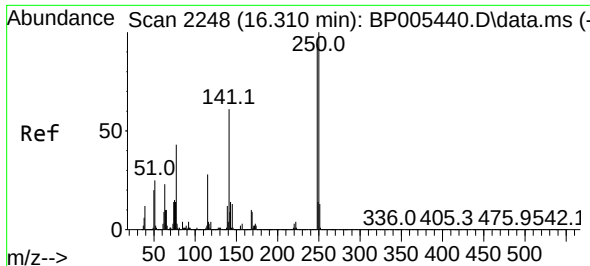
Tgt Ion:198 Resp: 20938  
Ion Ratio Lower Upper  
198 100  
51 33.1 10.3 50.3  
105 31.0 13.6 53.6



#66  
n-Nitrosodiphenylamine  
Concen: 39.47 ng  
RT: 15.587 min Scan# 2125  
Delta R.T. 0.000 min  
Lab File: BP005583.D  
Acq: 17 May 2021 16:32

Tgt Ion:169 Resp: 86292  
Ion Ratio Lower Upper  
169 100  
168 68.3 55.2 82.8  
167 36.5 36.6 54.8#

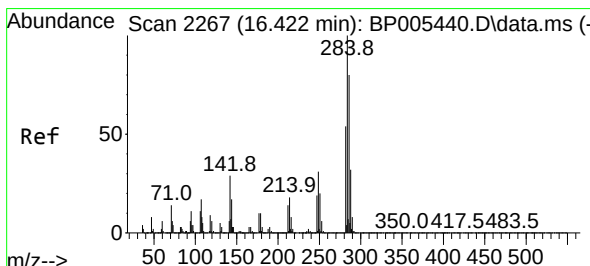
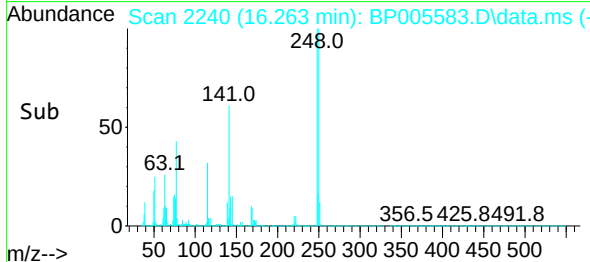
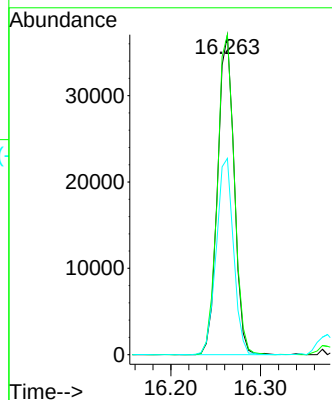
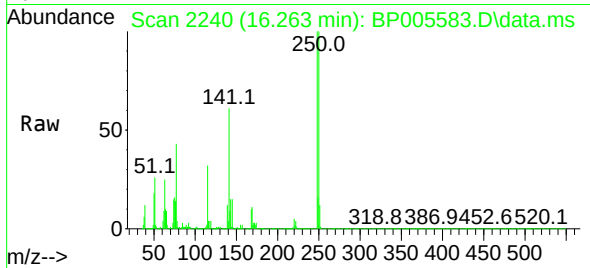




#67  
4-Bromophenyl-phenylether  
Concen: 40.52 ng  
RT: 16.263 min Scan# 2240  
Delta R.T. 0.000 min  
Lab File: BP005583.D  
Acq: 17 May 2021 16:32

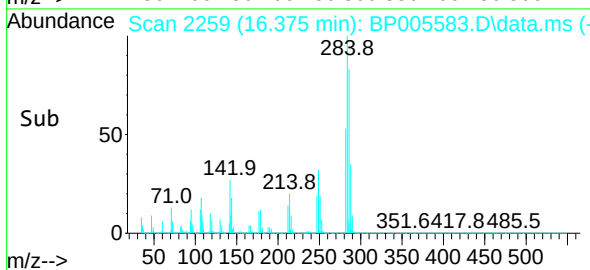
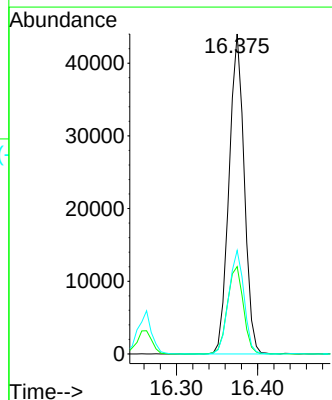
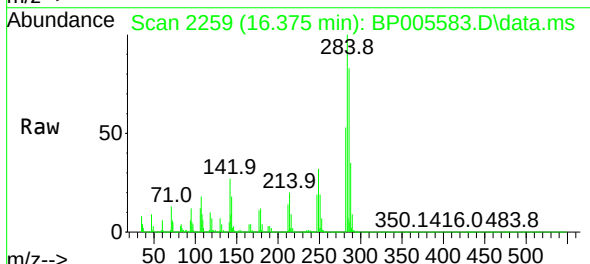
Instrument :  
BNA\_P  
ClientSampleId :  
PB136455BS

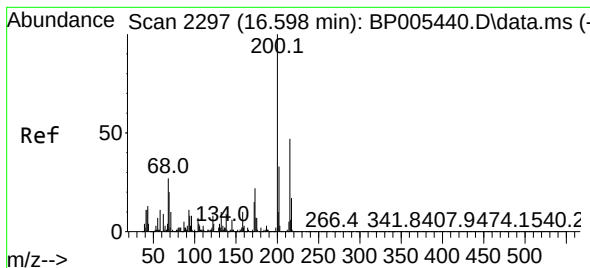
Tgt Ion:248 Resp: 47370  
Ion Ratio Lower Upper  
248 100  
250 100.2 77.5 116.3  
141 61.5 50.1 75.1



#68  
Hexachlorobenzene  
Concen: 38.58 ng  
RT: 16.375 min Scan# 2259  
Delta R.T. 0.000 min  
Lab File: BP005583.D  
Acq: 17 May 2021 16:32

Tgt Ion:284 Resp: 57203  
Ion Ratio Lower Upper  
284 100  
142 27.3 20.8 31.2  
249 32.3 23.7 35.5





#69

Atrazine

Concen: 44.36 ng

RT: 16.551 min Scan# 2289

Delta R.T. 0.000 min

Lab File: BP005583.D

Acq: 17 May 2021 16:32

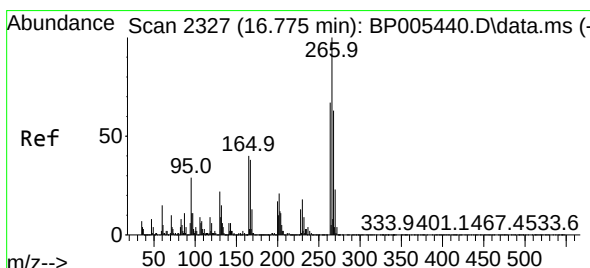
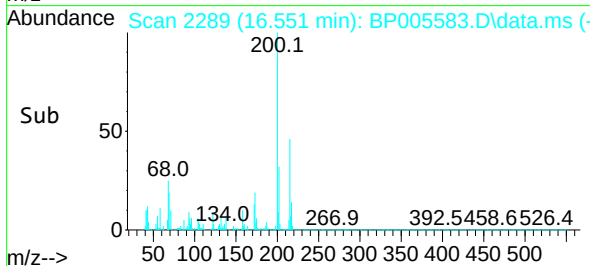
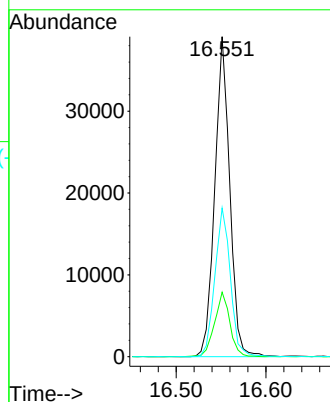
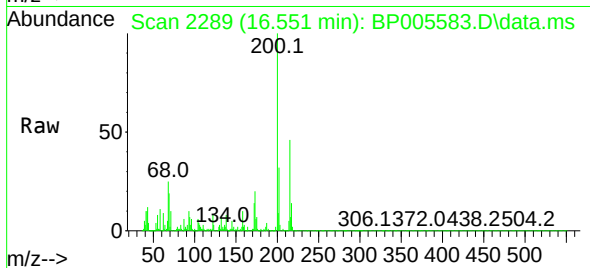
|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 200   | Resp: | 45301 |
| Ion Ratio | Lower | Upper |       |
| 200       | 100   |       |       |
| 173       | 20.2  | 0.7   | 40.7  |
| 215       | 46.5  | 29.0  | 69.0  |

Instrument :

BNA\_P

ClientSampleId :

PB136455BS



#70

Pentachlorophenol

Concen: 76.92 ng

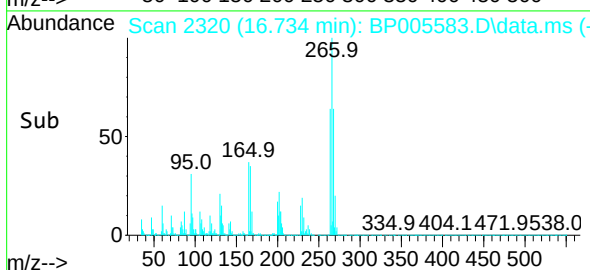
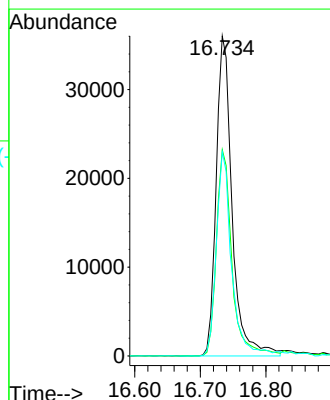
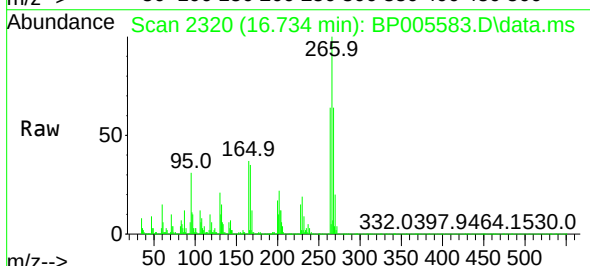
RT: 16.734 min Scan# 2320

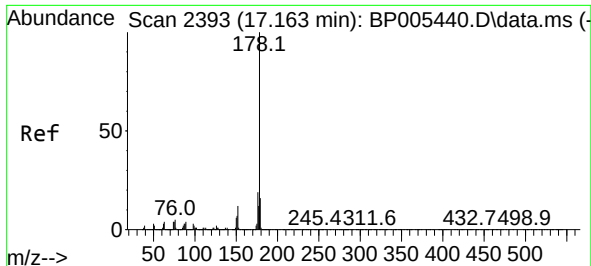
Delta R.T. -0.006 min

Lab File: BP005583.D

Acq: 17 May 2021 16:32

|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 266   | Resp: | 60514 |
| Ion Ratio | Lower | Upper |       |
| 266       | 100   |       |       |
| 268       | 64.4  | 49.4  | 74.0  |
| 264       | 63.8  | 53.7  | 80.5  |

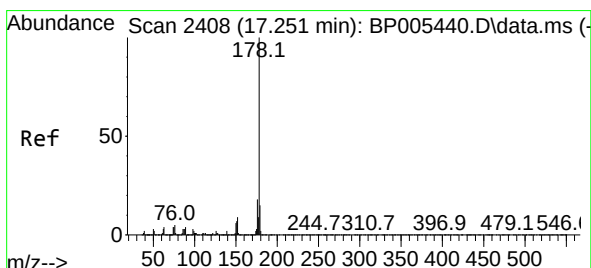
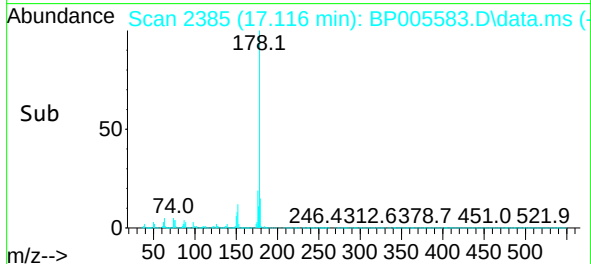
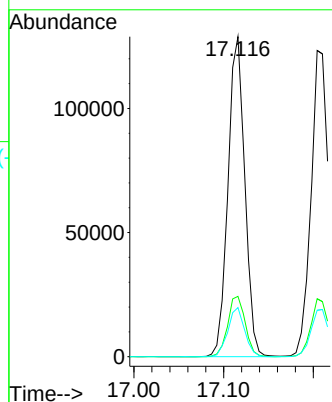
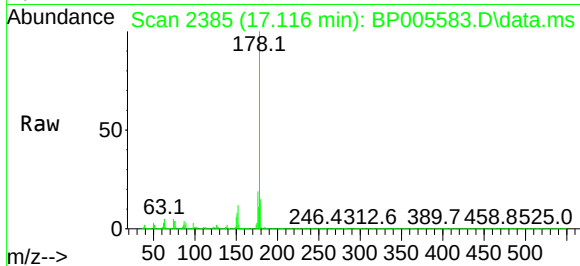




#71  
Phenanthrene  
Concen: 39.42 ng  
RT: 17.116 min Scan# 2385  
Delta R.T. 0.000 min  
Lab File: BP005583.D  
Acq: 17 May 2021 16:32

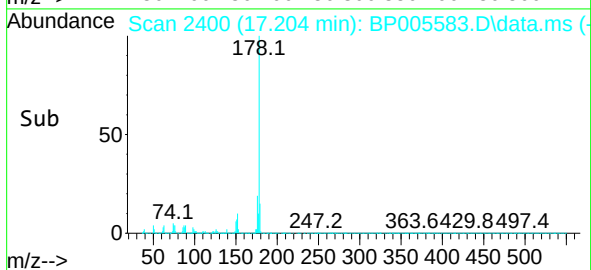
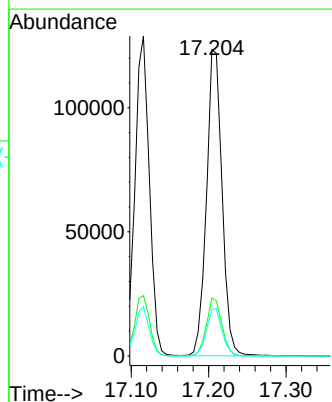
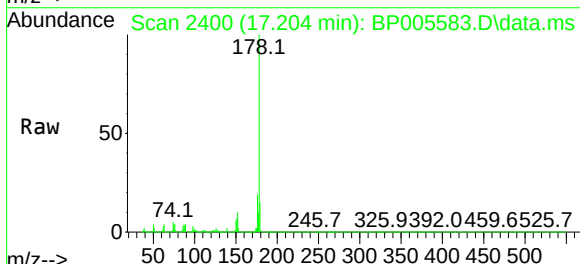
Instrument :  
BNA\_P  
ClientSampleId :  
PB136455BS

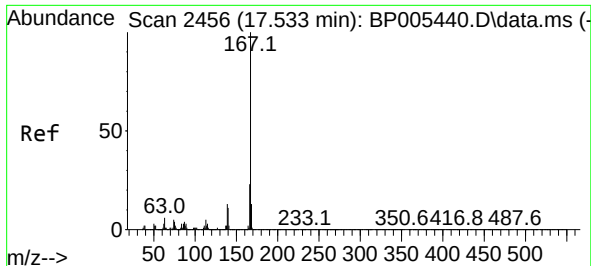
Tgt Ion:178 Resp: 167789  
Ion Ratio Lower Upper  
178 100  
176 18.9 15.4 23.2  
179 15.3 12.3 18.5



#72  
Anthracene  
Concen: 40.84 ng  
RT: 17.204 min Scan# 2400  
Delta R.T. -0.006 min  
Lab File: BP005583.D  
Acq: 17 May 2021 16:32

Tgt Ion:178 Resp: 172511  
Ion Ratio Lower Upper  
178 100  
176 18.9 15.2 22.8  
179 15.1 12.6 19.0

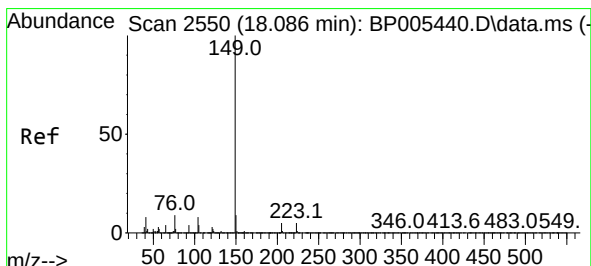
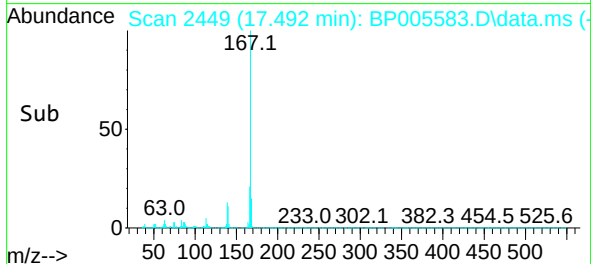
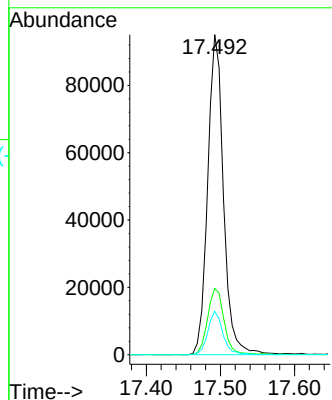
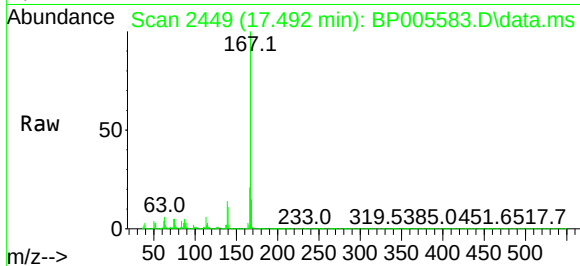




#73  
 Carbazole  
 Concen: 37.83 ng  
 RT: 17.492 min Scan# 2449  
 Delta R.T. 0.000 min  
 Lab File: BP005583.D  
 Acq: 17 May 2021 16:32

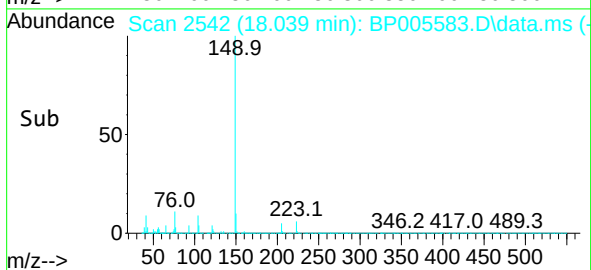
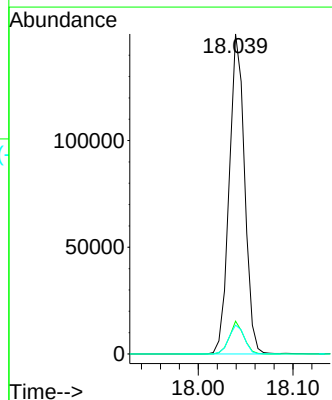
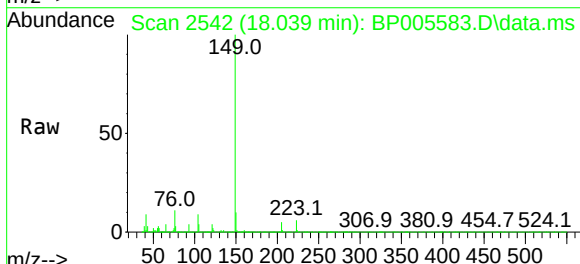
Instrument :  
 BNA\_P  
 ClientSampleId :  
 PB136455BS

|             |              |
|-------------|--------------|
| Tgt Ion:167 | Resp: 140721 |
| Ion Ratio   | Lower Upper  |
| 167 100     |              |
| 166 20.7    | 17.4 26.0    |
| 139 13.5    | 10.4 15.6    |

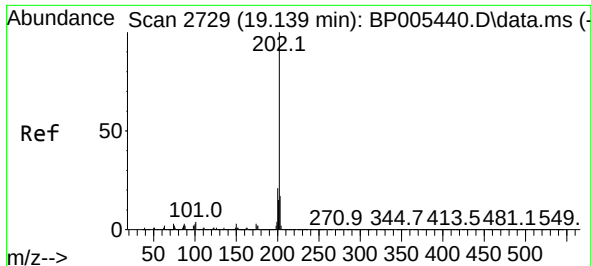


#74  
 Di-n-butylphthalate  
 Concen: 41.49 ng  
 RT: 18.039 min Scan# 2542  
 Delta R.T. 0.000 min  
 Lab File: BP005583.D  
 Acq: 17 May 2021 16:32

|             |              |
|-------------|--------------|
| Tgt Ion:149 | Resp: 169392 |
| Ion Ratio   | Lower Upper  |
| 149 100     |              |
| 150 10.3    | 7.6 11.4     |
| 104 9.0     | 8.9 13.3     |



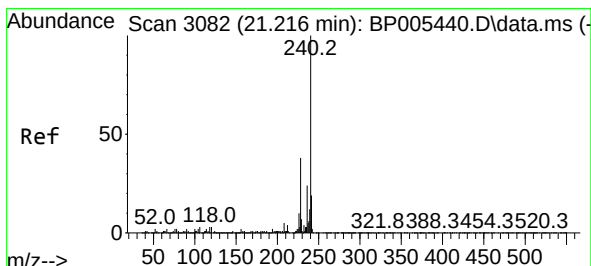
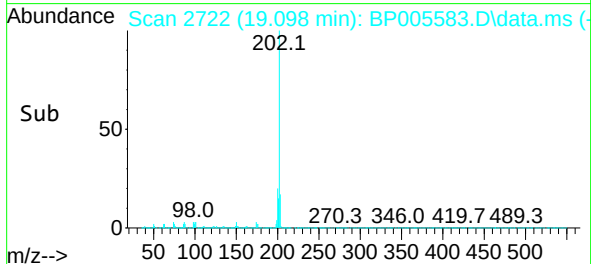
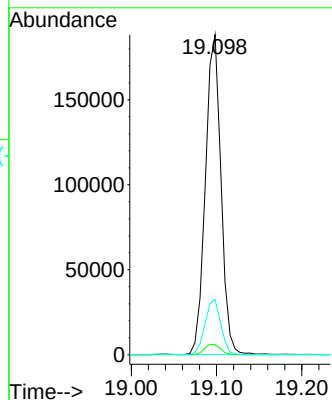
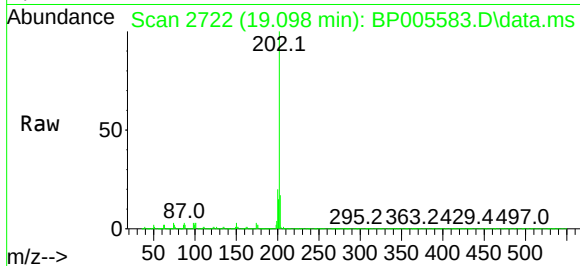




#75  
Fluoranthene  
Concen: 40.89 ng  
RT: 19.098 min Scan# 2722  
Delta R.T. 0.000 min  
Lab File: BP005583.D  
Acq: 17 May 2021 16:32

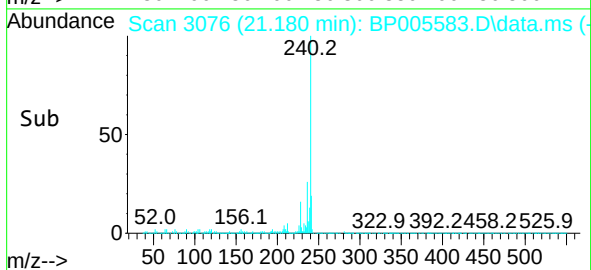
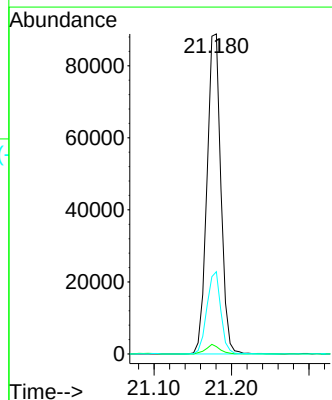
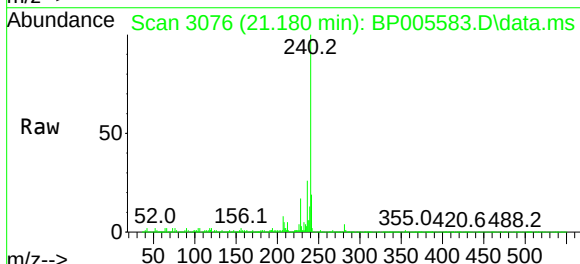
Instrument :  
BNA\_P  
ClientSampleId :  
PB136455BS

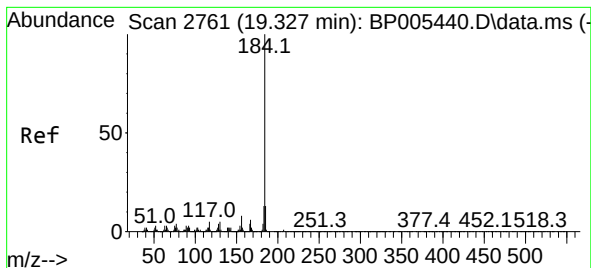
Tgt Ion:202 Resp: 239359  
Ion Ratio Lower Upper  
202 100  
101 3.2 0.0 26.1  
203 17.3 0.0 37.2



#76  
Chrysene-d12  
Concen: 20.00 ng  
RT: 21.180 min Scan# 3076  
Delta R.T. 0.000 min  
Lab File: BP005583.D  
Acq: 17 May 2021 16:32

Tgt Ion:240 Resp: 110278  
Ion Ratio Lower Upper  
240 100  
120 2.3 4.2 6.2#  
236 25.7 20.2 30.2





#77

Benzidine

Concen: 50.23 ng

RT: 19.292 min Scan# 2755

Delta R.T. 0.000 min

Lab File: BP005583.D

Acq: 17 May 2021 16:32

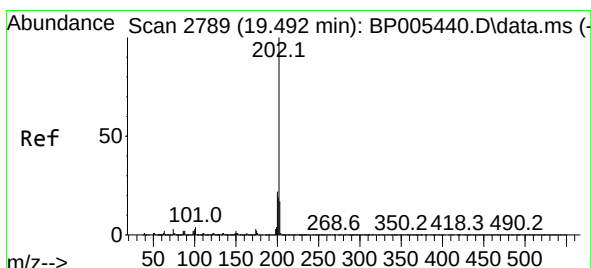
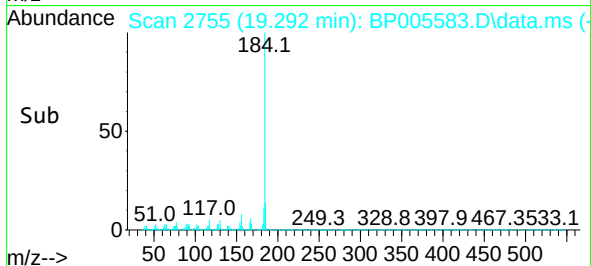
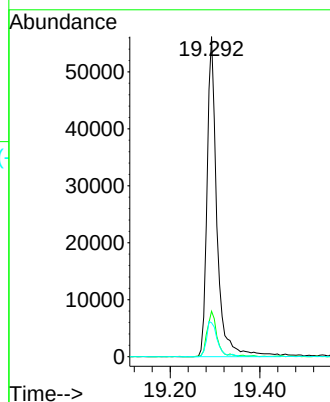
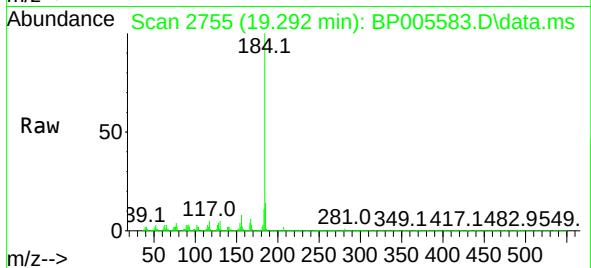
Tgt Ion:184 Resp: 85741

Ion Ratio Lower Upper

184 100

185 14.2 11.1 16.7

183 10.6 9.8 14.8



#78

Pyrene

Concen: 38.71 ng

RT: 19.451 min Scan# 2782

Delta R.T. 0.000 min

Lab File: BP005583.D

Acq: 17 May 2021 16:32

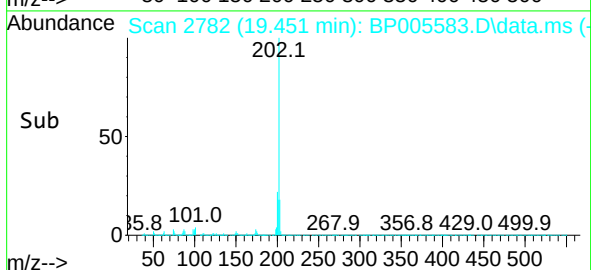
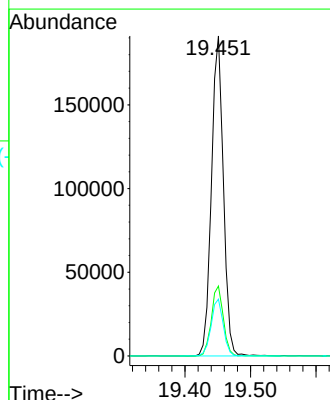
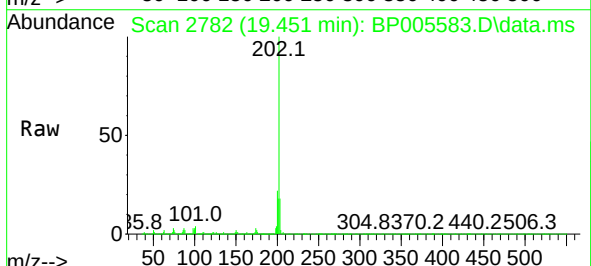
Tgt Ion:202 Resp: 241679

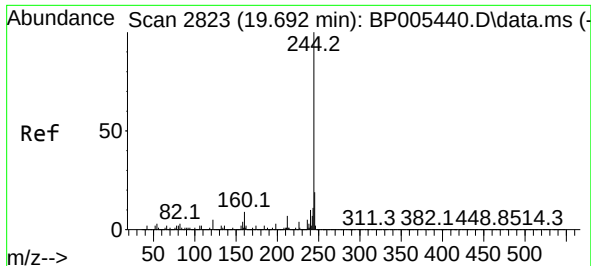
Ion Ratio Lower Upper

202 100

200 21.9 16.9 25.3

203 17.8 13.8 20.6

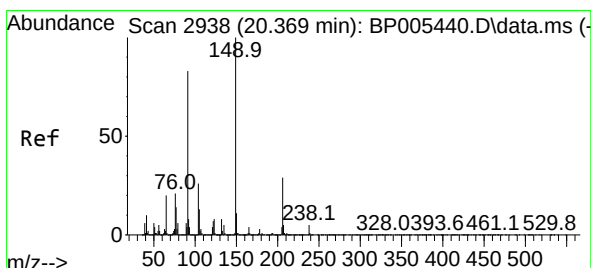
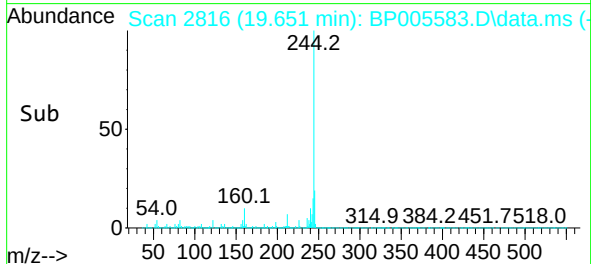
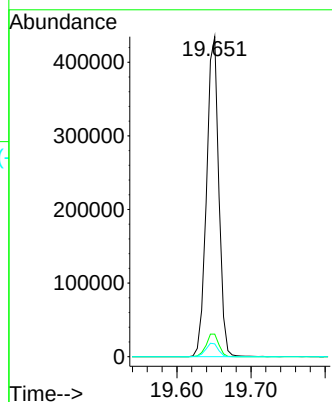
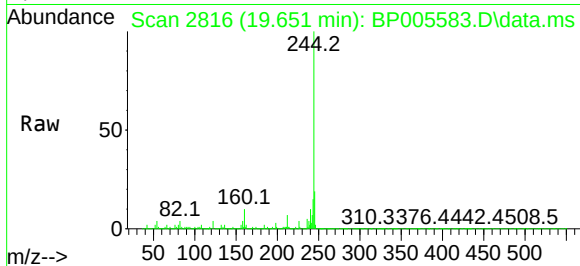




#79  
Terphenyl-d14  
Concen: 76.56 ng  
RT: 19.651 min Scan# 2816  
Delta R.T. 0.000 min  
Lab File: BP005583.D  
Acq: 17 May 2021 16:32

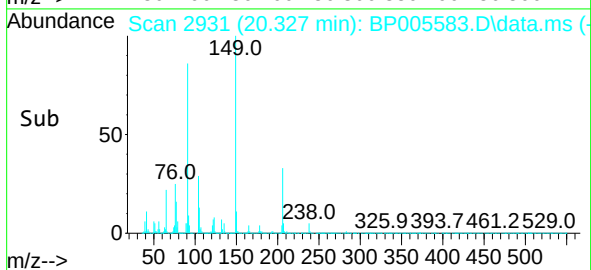
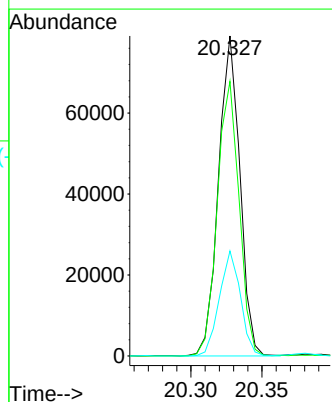
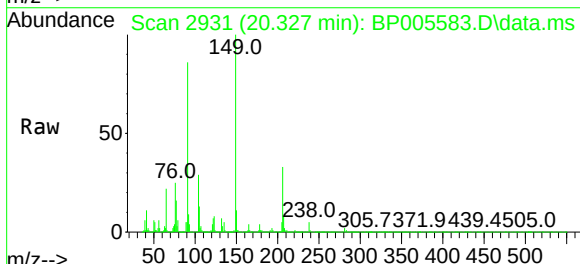
Instrument :  
BNA\_P  
ClientSampleId :  
PB136455BS

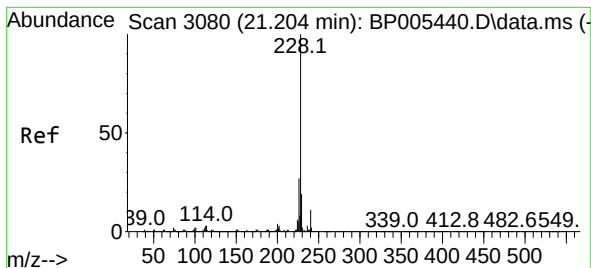
Tgt Ion:244 Resp: 497173  
Ion Ratio Lower Upper  
244 100  
212 7.0 5.8 8.6  
122 4.0 5.2 7.8#



#80  
Butylbenzylphthalate  
Concen: 41.05 ng  
RT: 20.327 min Scan# 2931  
Delta R.T. 0.000 min  
Lab File: BP005583.D  
Acq: 17 May 2021 16:32

Tgt Ion:149 Resp: 82803  
Ion Ratio Lower Upper  
149 100  
91 85.8 60.2 90.4  
206 32.8 23.9 35.9





#81

Benzo(a)anthracene

Concen: 40.33 ng

RT: 21.163 min Scan# 3073

Delta R.T. 0.000 min

Lab File: BP005583.D

Acq: 17 May 2021 16:32

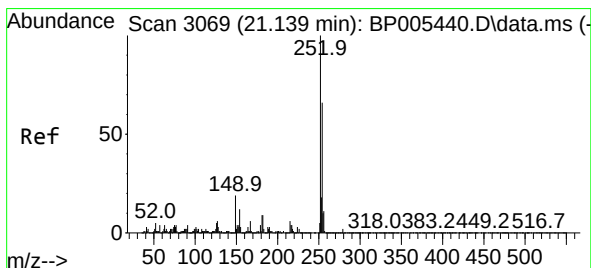
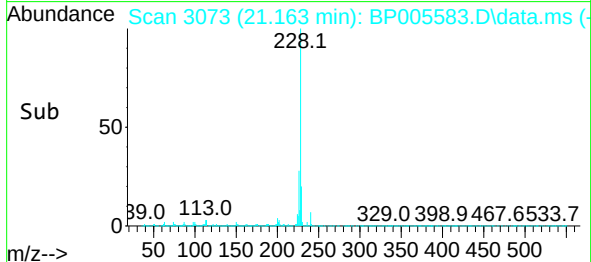
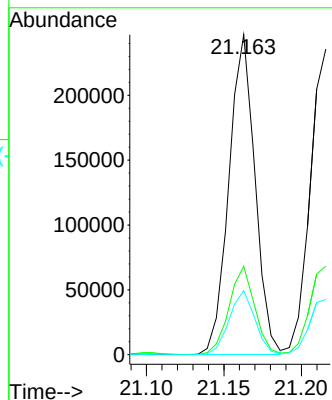
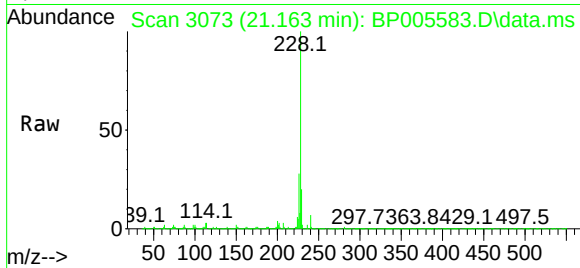
Instrument :

BNA\_P

ClientSampleId :

PB136455BS

|             |              |       |      |
|-------------|--------------|-------|------|
| Tgt Ion:228 | Resp: 288204 |       |      |
| Ion Ratio   | Lower        | Upper |      |
| 228         | 100          |       |      |
| 226         | 27.6         | 21.2  | 31.8 |
| 229         | 20.0         | 15.6  | 23.4 |



#82

3,3'-Dichlorobenzidine

Concen: 37.91 ng

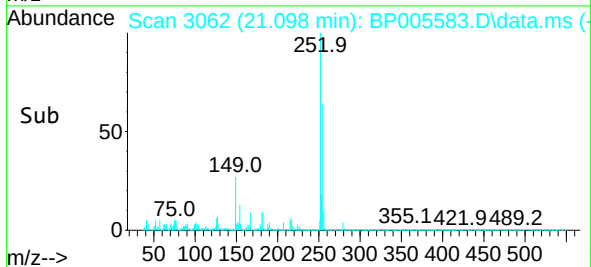
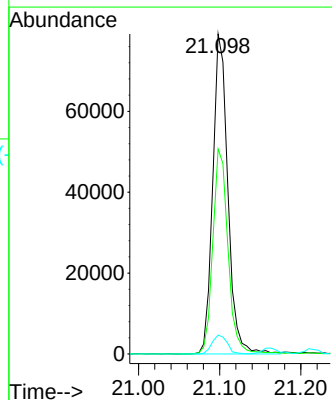
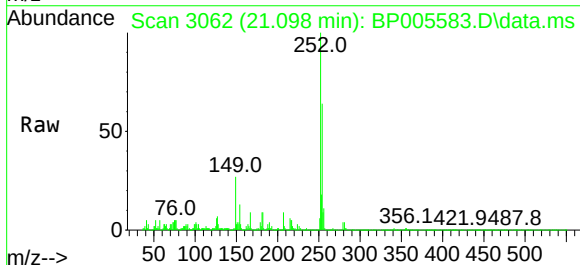
RT: 21.098 min Scan# 3062

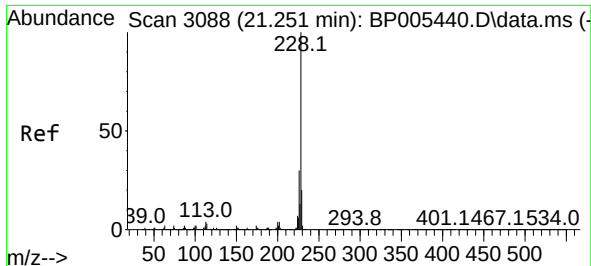
Delta R.T. -0.006 min

Lab File: BP005583.D

Acq: 17 May 2021 16:32

|     |         |       |        |
|-----|---------|-------|--------|
| Tgt | Ion:252 | Resp: | 102061 |
| Ion | Ratio   | Lower | Upper  |
| 252 | 100     |       |        |
| 254 | 64.0    | 49.9  | 74.9   |
| 126 | 5.9     | 5.5   | 8.3    |

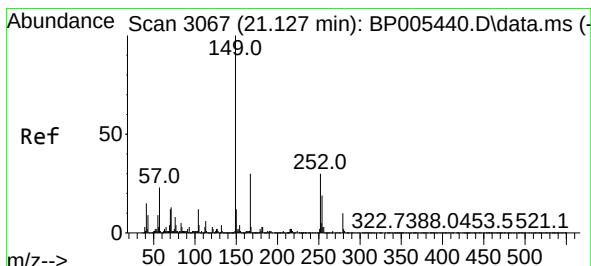
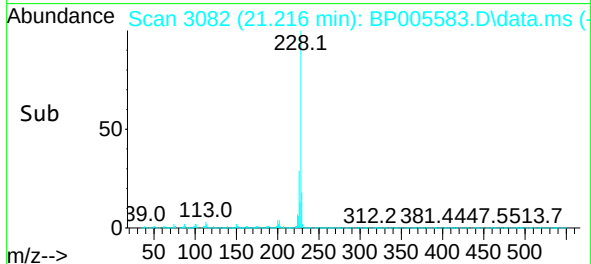
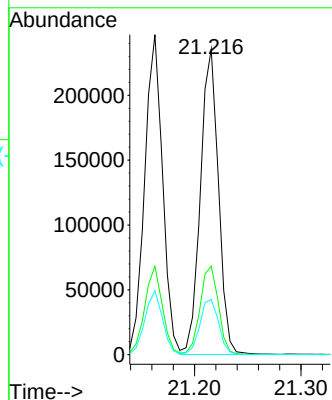
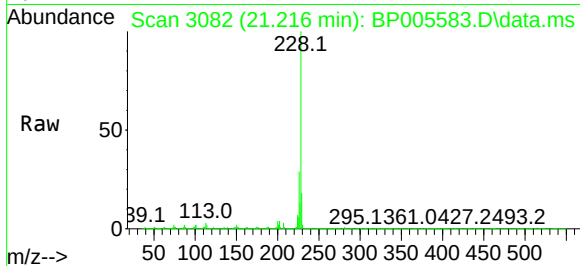




#83  
Chrysene  
Concen: 40.07 ng  
RT: 21.216 min Scan# 3082  
Delta R.T. 0.000 min  
Lab File: BP005583.D  
Acq: 17 May 2021 16:32

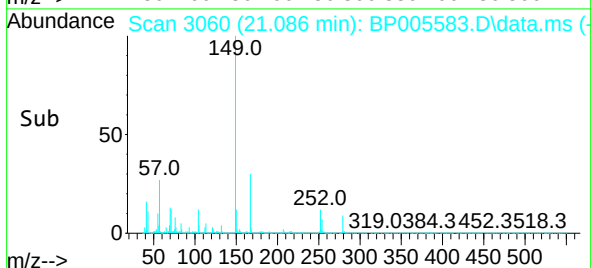
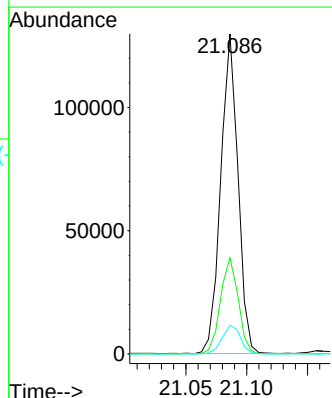
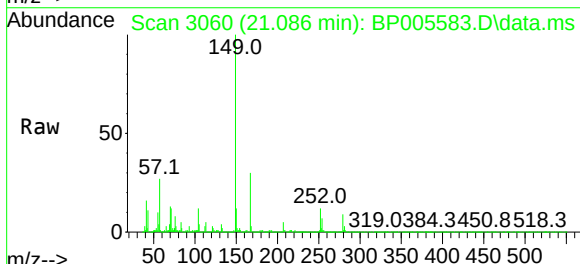
Instrument :  
BNA\_P  
ClientSampleId :  
PB136455BS

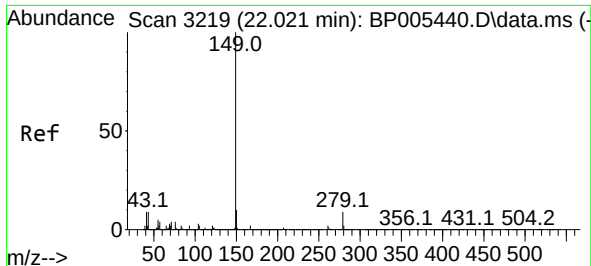
|     |         |       |        |
|-----|---------|-------|--------|
| Tgt | Ion:228 | Resp: | 277531 |
| Ion | Ratio   | Lower | Upper  |
| 228 | 100     |       |        |
| 226 | 28.9    | 24.8  | 37.2   |
| 229 | 18.1    | 15.4  | 23.0   |



#84  
Bis(2-ethylhexyl)phthalate  
Concen: 41.46 ng  
RT: 21.086 min Scan# 3060  
Delta R.T. 0.000 min  
Lab File: BP005583.D  
Acq: 17 May 2021 16:32

|             |              |
|-------------|--------------|
| Tgt Ion:149 | Resp: 127878 |
| Ion Ratio   | Lower Upper  |
| 149 100     |              |
| 167 30.0    | 23.8 35.8    |
| 279 9.0     | 5.7 8.5#     |

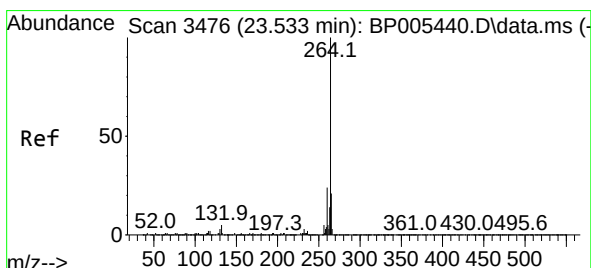
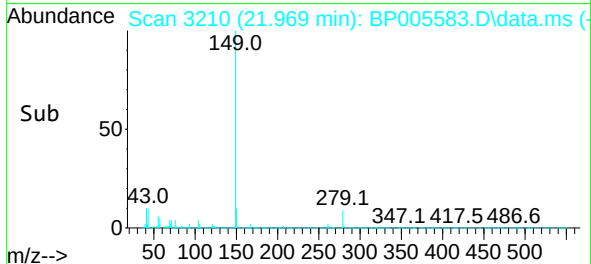
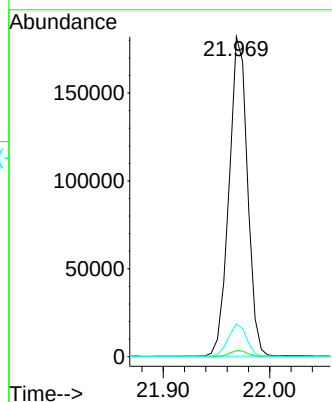
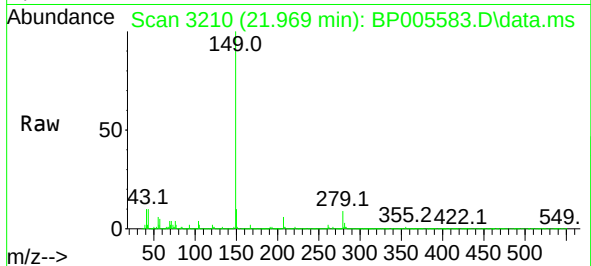




#85  
Di-n-octyl phthalate  
Concen: 42.22 ng  
RT: 21.969 min Scan# 3210  
Delta R.T. -0.006 min  
Lab File: BP005583.D  
Acq: 17 May 2021 16:32

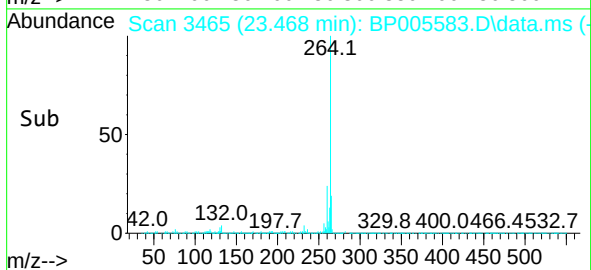
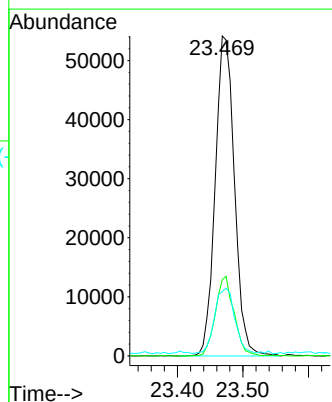
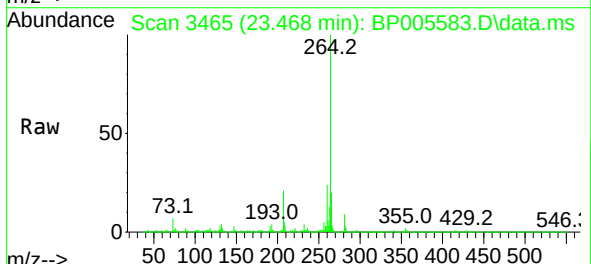
Instrument :  
BNA\_P  
ClientSampleId :  
PB136455BS

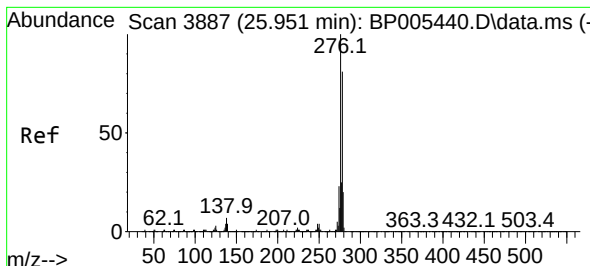
Tgt Ion:149 Resp: 218726  
Ion Ratio Lower Upper  
149 100  
167 1.9 1.5 2.3  
43 10.3 5.1 7.7#



#86  
Perylene-d12  
Concen: 20.00 ng  
RT: 23.468 min Scan# 3465  
Delta R.T. -0.006 min  
Lab File: BP005583.D  
Acq: 17 May 2021 16:32

Tgt Ion:264 Resp: 110252  
Ion Ratio Lower Upper  
264 100  
260 23.9 20.6 30.8  
265 20.1 19.0 28.6

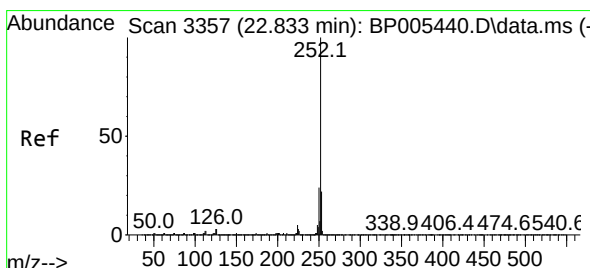
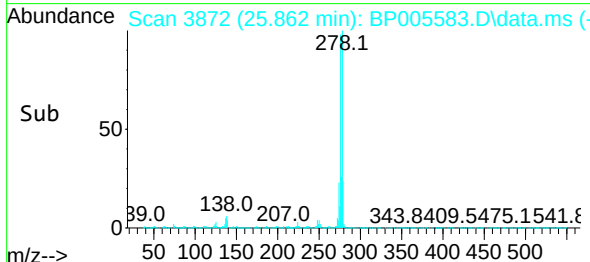
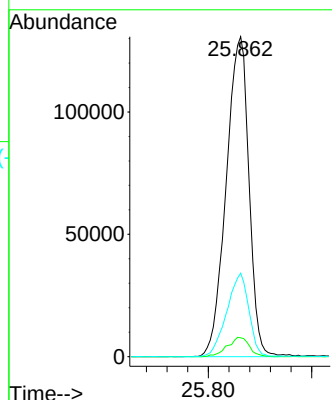
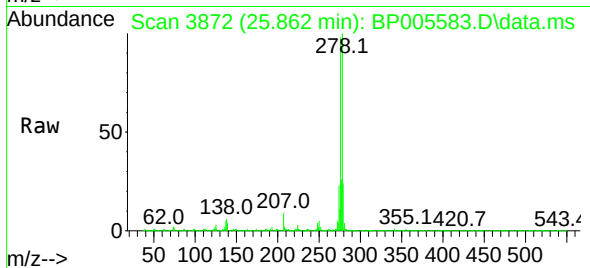




#87  
Indeno(1,2,3-cd)pyrene  
Concen: 42.99 ng  
RT: 25.862 min Scan# 3872  
Delta R.T. 0.000 min  
Lab File: BP005583.D  
Acq: 17 May 2021 16:32

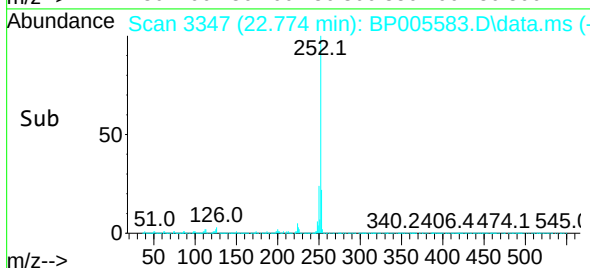
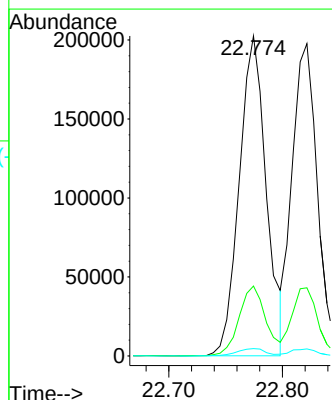
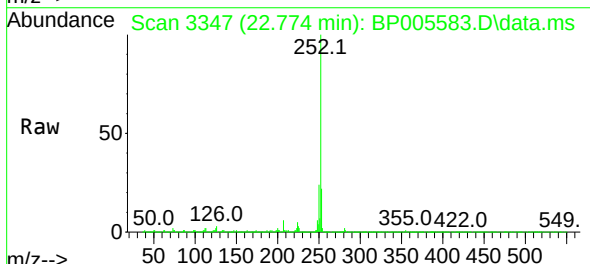
Instrument :  
BNA\_P  
ClientSampleId :  
PB136455BS

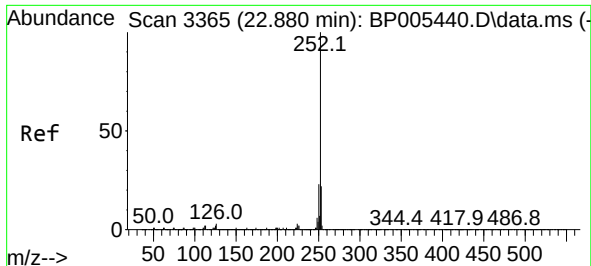
Tgt Ion:276 Resp: 398710  
Ion Ratio Lower Upper  
276 100  
138 5.8 8.4 12.6#  
277 25.5 20.6 31.0



#88  
Benzo(b)fluoranthene  
Concen: 45.53 ng  
RT: 22.774 min Scan# 3347  
Delta R.T. 0.000 min  
Lab File: BP005583.D  
Acq: 17 May 2021 16:32

Tgt Ion:252 Resp: 334512  
Ion Ratio Lower Upper  
252 100  
253 21.8 18.2 27.2  
125 2.3 3.4 5.0#

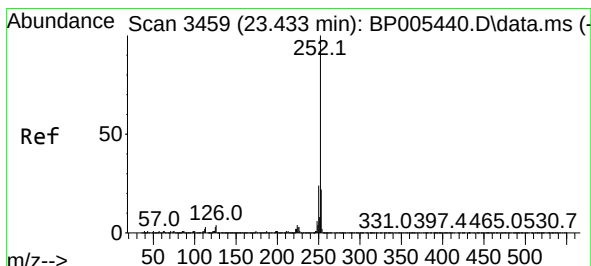
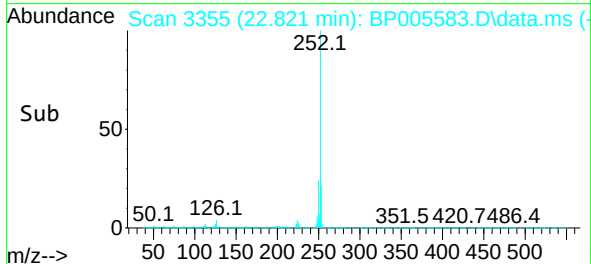
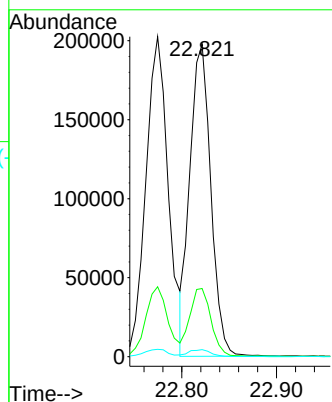
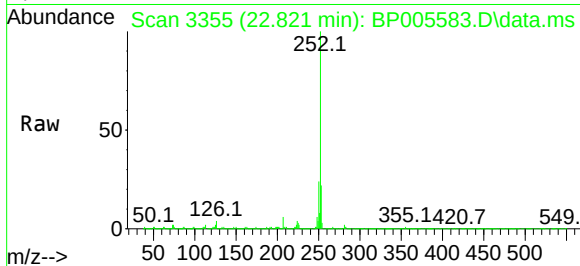




#89  
Benzo(k)fluoranthene  
Concen: 42.31 ng  
RT: 22.821 min Scan# 3355  
Delta R.T. 0.000 min  
Lab File: BP005583.D  
Acq: 17 May 2021 16:32

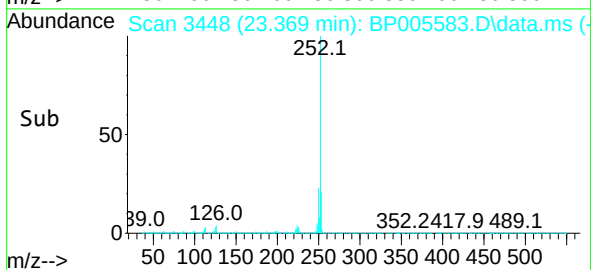
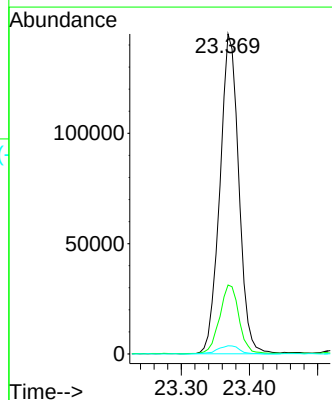
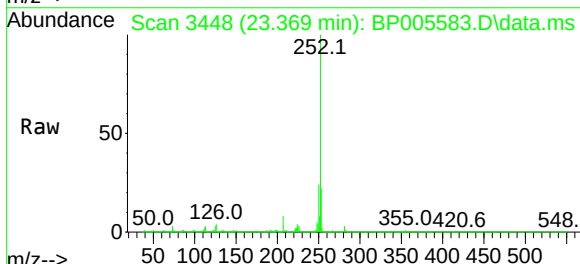
Instrument :  
BNA\_P  
ClientSampleId :  
PB136455BS

Tgt Ion:252 Resp: 303962  
Ion Ratio Lower Upper  
252 100  
253 21.8 17.2 25.8  
125 2.3 3.8 5.6#

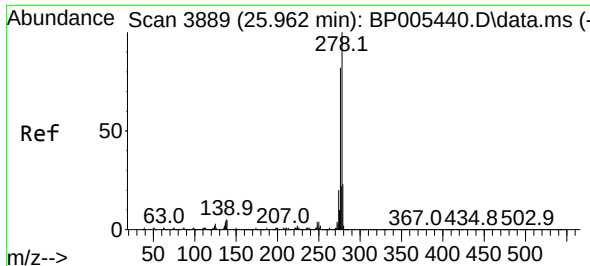


#90  
Benzo(a)pyrene  
Concen: 41.56 ng  
RT: 23.369 min Scan# 3448  
Delta R.T. 0.000 min  
Lab File: BP005583.D  
Acq: 17 May 2021 16:32

Tgt Ion:252 Resp: 279867  
Ion Ratio Lower Upper  
252 100  
253 21.5 17.1 25.7  
125 2.6 3.8 5.6#



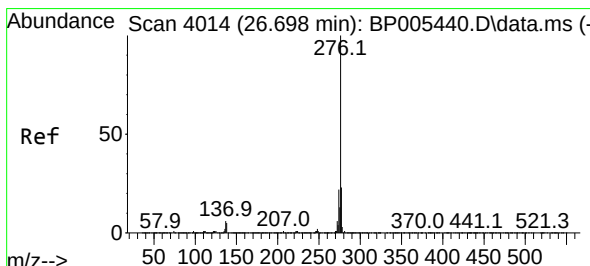
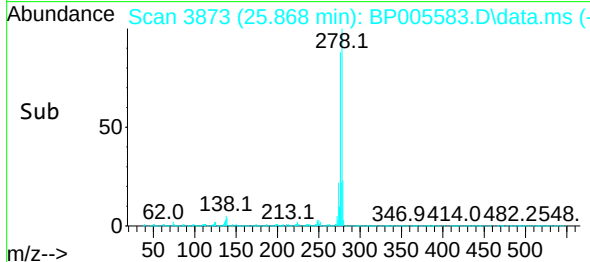
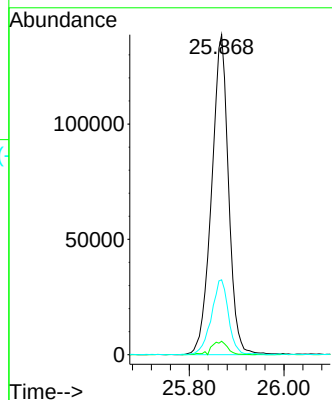
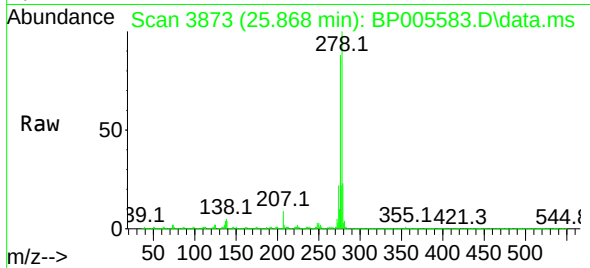




#91  
Dibenzo(a,h)anthracene  
Concen: 42.20 ng  
RT: 25.868 min Scan# 3873  
Delta R.T. 0.000 min  
Lab File: BP005583.D  
Acq: 17 May 2021 16:32

Instrument :  
BNA\_P  
ClientSampleId :  
PB136455BS

Tgt Ion:278 Resp: 345350  
Ion Ratio Lower Upper  
278 100  
139 4.2 5.0 7.6#  
279 23.4 18.6 28.0



#92  
Benzo(g,h,i)perylene  
Concen: 42.42 ng  
RT: 26.580 min Scan# 3994  
Delta R.T. -0.012 min  
Lab File: BP005583.D  
Acq: 17 May 2021 16:32

Tgt Ion:276 Resp: 321221  
Ion Ratio Lower Upper  
276 100  
277 23.4 19.8 29.8  
138 5.1 7.7 11.5#

