

Data Path : Z:\svoasrv\HPCHEM1\BNA\_P\Data\BP032522\  
 Data File : BP009551.D  
 Acq On : 25 Mar 2022 14:20  
 Operator : CG/JU  
 Sample : PB143541BS  
 Misc :  
 ALS Vial : 7 Sample Multiplier: 1

Instrument :  
 BNA\_P  
 ClientSampleId :  
 PB143541BS

Quant Time: Mar 26 02:59:58 2022  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_P\Methods\8270E-BP031722.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Fri Mar 25 06:34:38 2022  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc    | Units | Dev(Min) |
|-------------------------------|--------|------|----------|---------|-------|----------|
| -----                         |        |      |          |         |       |          |
| Internal Standards            |        |      |          |         |       |          |
| 1) 1,4-Dichlorobenzene-d4     | 7.769  | 152  | 380689   | 20.000  | ng    | 0.00     |
| 21) Naphthalene-d8            | 10.563 | 136  | 1571098  | 20.000  | ng    | 0.00     |
| 39) Acenaphthene-d10          | 14.416 | 164  | 1001853  | 20.000  | ng    | 0.00     |
| 64) Phenanthrene-d10          | 17.180 | 188  | 1973041  | 20.000  | ng    | 0.00     |
| 76) Chrysene-d12              | 21.298 | 240  | 1571101  | 20.000  | ng    | 0.00     |
| 86) Perylene-d12              | 23.686 | 264  | 1258974  | 20.000  | ng    | 0.00     |
| System Monitoring Compounds   |        |      |          |         |       |          |
| 5) 2-Fluorophenol             | 5.375  | 112  | 3261618  | 149.586 | ng    | 0.00     |
| 7) Phenol-d6                  | 6.963  | 99   | 4159139  | 141.049 | ng    | 0.00     |
| 23) Nitrobenzene-d5           | 8.928  | 82   | 2557364  | 86.500  | ng    | 0.00     |
| 42) 2,4,6-Tribromophenol      | 15.916 | 330  | 1849030  | 111.843 | ng    | 0.00     |
| 45) 2-Fluorobiphenyl          | 13.039 | 172  | 6016540  | 83.252  | ng    | 0.00     |
| 79) Terphenyl-d14             | 19.757 | 244  | 8547400  | 97.649  | ng    | 0.00     |
| Target Compounds              |        |      |          |         |       |          |
|                               |        |      |          |         |       | Qvalue   |
| 2) 1,4-Dioxane                | 3.305  | 88   | 309530   | 35.840  | ng    | 98       |
| 3) Pyridine                   | 3.699  | 79   | 866850   | 37.268  | ng    | 98       |
| 4) n-Nitrosodimethylamine     | 3.611  | 42   | 425530   | 49.675  | ng    | 99       |
| 6) Aniline                    | 7.104  | 93   | 1430468  | 42.564  | ng    | 97       |
| 8) 2-Chlorophenol             | 7.340  | 128  | 1299559  | 52.268  | ng    | 98       |
| 9) Benzaldehyde               | 6.916  | 77   | 609093   | 43.940  | ng    | 97       |
| 10) Phenol                    | 6.987  | 94   | 1618123  | 54.698  | ng    | 98       |
| 11) bis(2-Chloroethyl)ether   | 7.199  | 93   | 1164318  | 49.731  | ng    | 97       |
| 12) 1,3-Dichlorobenzene       | 7.657  | 146  | 1286801  | 45.855  | ng    | 99       |
| 13) 1,4-Dichlorobenzene       | 7.804  | 146  | 1313793  | 45.790  | ng    | 99       |
| 14) 1,2-Dichlorobenzene       | 8.122  | 146  | 1275934  | 46.010  | ng    | 98       |
| 15) Benzyl Alcohol            | 8.016  | 79   | 1096042  | 46.620  | ng    | 100      |
| 16) 2,2'-oxybis(1-Chloropr... | 8.304  | 45   | 1341993  | 52.879  | ng    | 97       |
| 17) 2-Methylphenol            | 8.228  | 107  | 1068720  | 52.424  | ng    | 99       |
| 18) Hexachloroethane          | 8.846  | 117  | 462068   | 45.953  | ng    | 94       |
| 19) n-Nitroso-di-n-propyla... | 8.587  | 70   | 925373   | 49.616  | ng    | 97       |
| 20) 3+4-Methylphenols         | 8.557  | 107  | 1447366  | 51.635  | ng    | 99       |
| 22) Acetophenone              | 8.598  | 105  | 1781325  | 45.809  | ng    | # 98     |
| 24) Nitrobenzene              | 8.969  | 77   | 1354631  | 48.503  | ng    | 98       |
| 25) Isophorone                | 9.504  | 82   | 2580865  | 51.177  | ng    | 99       |
| 26) 2-Nitrophenol             | 9.681  | 139  | 692689   | 47.582  | ng    | 95       |
| 27) 2,4-Dimethylphenol        | 9.757  | 122  | 1201046  | 58.468  | ng    | 99       |
| 28) bis(2-Chloroethoxy)met... | 9.981  | 93   | 1576589  | 48.014  | ng    | 99       |
| 29) 2,4-Dichlorophenol        | 10.222 | 162  | 1250273  | 49.898  | ng    | 98       |
| 30) 1,2,4-Trichlorobenzene    | 10.428 | 180  | 1278958  | 44.056  | ng    | 99       |
| 31) Naphthalene               | 10.610 | 128  | 3725588  | 46.036  | ng    | 100      |
| 32) Benzoic acid              | 9.963  | 122  | 790686   | 49.232  | ng    | 96       |
| 33) 4-Chloroaniline           | 10.734 | 127  | 539245   | 16.329  | ng    | 97       |
| 34) Hexachlorobutadiene       | 10.904 | 225  | 812148   | 41.289  | ng    | 99       |
| 35) Caprolactam               | 11.540 | 113  | 227719   | 26.929  | ng    | 93       |
| 36) 4-Chloro-3-methylphenol   | 11.875 | 107  | 1271916  | 47.239  | ng    | 99       |
| 37) 2-Methylnaphthalene       | 12.228 | 142  | 2657258  | 46.798  | ng    | 99       |
| 38) 1-Methylnaphthalene       | 12.451 | 142  | 2543710  | 45.986  | ng    | 100      |
| 40) 1,2,4,5-Tetrachloroben... | 12.604 | 216  | 1496065  | 45.007  | ng    | 99       |
| 41) Hexachlorocyclopentadiene | 12.587 | 237  | 1463215  | 99.200  | ng    | 99       |
| 43) 2,4,6-Trichlorophenol     | 12.851 | 196  | 1007326  | 45.720  | ng    | 99       |

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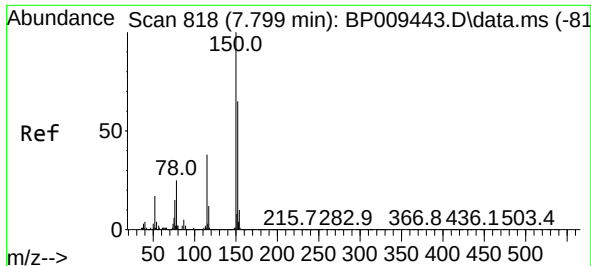
Quant Time: Mar 26 02:59:58 2022  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_P\Methods\8270E-BP031722.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Fri Mar 25 06:34:38 2022  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc   | Units | Dev(Min) |
|-------------------------------|--------|------|----------|--------|-------|----------|
| 44) 2,4,5-Trichlorophenol     | 12.934 | 196  | 1091789  | 45.632 | ng    | 97       |
| 46) 1,1'-Biphenyl             | 13.245 | 154  | 3452286  | 46.191 | ng    | 99       |
| 47) 2-Chloronaphthalene       | 13.286 | 162  | 2674274  | 45.448 | ng    | 99       |
| 48) 2-Nitroaniline            | 13.498 | 65   | 755289   | 47.128 | ng    | 98       |
| 49) Acenaphthylene            | 14.134 | 152  | 4433040  | 48.802 | ng    | 99       |
| 50) Dimethylphthalate         | 13.886 | 163  | 3371635  | 44.414 | ng    | 100      |
| 51) 2,6-Dinitrotoluene        | 13.998 | 165  | 754955   | 47.465 | ng    | 98       |
| 52) Acenaphthene              | 14.481 | 154  | 2487321  | 45.839 | ng    | 99       |
| 53) 3-Nitroaniline            | 14.328 | 138  | 365327   | 21.746 | ng    | 97       |
| 54) 2,4-Dinitrophenol         | 14.545 | 184  | 819138   | 82.717 | ng    | 99       |
| 55) Dibenzofuran              | 14.816 | 168  | 4013404  | 44.026 | ng    | 99       |
| 56) 4-Nitrophenol             | 14.663 | 139  | 1142577  | 91.240 | ng    | 98       |
| 57) 2,4-Dinitrotoluene        | 14.798 | 165  | 1003473  | 45.883 | ng    | 97       |
| 58) Fluorene                  | 15.469 | 166  | 3132922  | 43.698 | ng    | 98       |
| 59) 2,3,4,6-Tetrachlorophenol | 15.057 | 232  | 930545   | 42.901 | ng    | 94       |
| 60) Diethylphthalate          | 15.251 | 149  | 3322172  | 43.726 | ng    | 99       |
| 61) 4-Chlorophenyl-phenyle... | 15.469 | 204  | 1688276  | 42.748 | ng    | 95       |
| 62) 4-Nitroaniline            | 15.504 | 138  | 708481   | 40.156 | ng    | 98       |
| 63) Azobenzene                | 15.763 | 77   | 3079087  | 46.587 | ng    | 97       |
| 65) 4,6-Dinitro-2-methylph... | 15.569 | 198  | 557581   | 43.948 | ng    | 94       |
| 66) n-Nitrosodiphenylamine    | 15.686 | 169  | 2841103  | 48.659 | ng    | 98       |
| 67) 4-Bromophenyl-phenylether | 16.369 | 248  | 1107499  | 45.872 | ng    | 93       |
| 68) Hexachlorobenzene         | 16.486 | 284  | 1252141  | 45.063 | ng    | 97       |
| 69) Atrazine                  | 16.651 | 200  | 1048016  | 51.052 | ng    | 98       |
| 70) Pentachlorophenol         | 16.839 | 266  | 1423251  | 95.819 | ng    | 99       |
| 71) Phenanthrene              | 17.222 | 178  | 4916194  | 46.547 | ng    | 100      |
| 72) Anthracene                | 17.316 | 178  | 4992997  | 47.881 | ng    | 99       |
| 73) Carbazole                 | 17.592 | 167  | 4459719  | 43.730 | ng    | 99       |
| 74) Di-n-butylphthalate       | 18.151 | 149  | 5487824  | 45.921 | ng    | 99       |
| 75) Fluoranthene              | 19.204 | 202  | 5550747  | 43.411 | ng    | 99       |
| 77) Benzidine                 | 19.386 | 184  | 1984377  | 51.529 | ng    | 100      |
| 78) Pyrene                    | 19.557 | 202  | 5588629  | 53.981 | ng    | 99       |
| 80) Butylbenzylphthalate      | 20.445 | 149  | 2182364  | 49.595 | ng    | 95       |
| 81) Benzo(a)anthracene        | 21.280 | 228  | 4873424  | 47.214 | ng    | 100      |
| 82) 3,3'-Dichlorobenzidine    | 21.215 | 252  | 1127728  | 28.281 | ng    | 98       |
| 83) Chrysene                  | 21.333 | 228  | 4524569  | 46.292 | ng    | 100      |
| 84) Bis(2-ethylhexyl)phtha... | 21.215 | 149  | 3072333  | 50.091 | ng    | 99       |
| 85) Di-n-octyl phthalate      | 22.133 | 149  | 4746286  | 44.894 | ng    | 98       |
| 87) Indeno(1,2,3-cd)pyrene    | 26.180 | 276  | 3846949  | 40.276 | ng    | 97       |
| 88) Benzo(b)fluoranthene      | 22.957 | 252  | 4016944  | 53.447 | ng    | 98       |
| 89) Benzo(k)fluoranthene      | 23.009 | 252  | 4064317  | 55.232 | ng    | 98       |
| 90) Benzo(a)pyrene            | 23.580 | 252  | 3740865  | 58.176 | ng    | 98       |
| 91) Dibenzo(a,h)anthracene    | 26.192 | 278  | 3382154  | 42.487 | ng    | 98       |
| 92) Benzo(g,h,i)perylene      | 26.939 | 276  | 3336640  | 42.607 | ng    | 96       |

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

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QLast Update : Fri Mar 25 06:34:38 2022  
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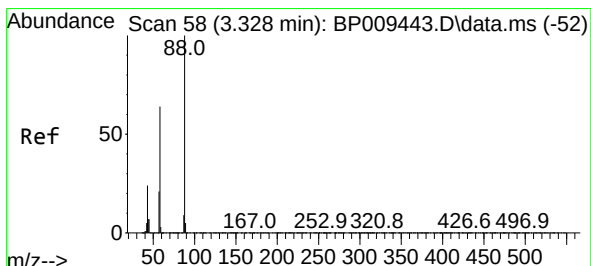
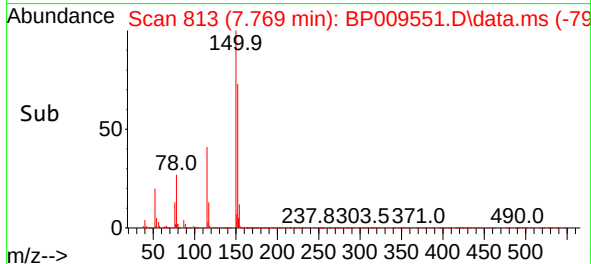
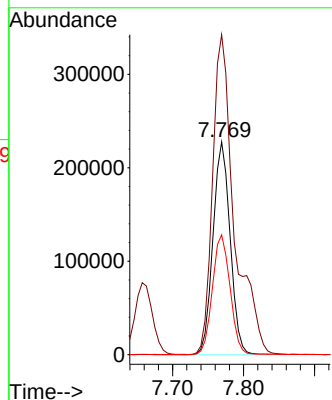
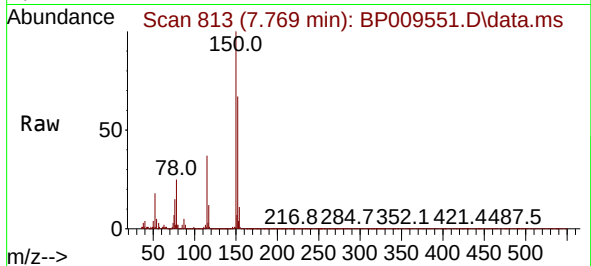




#1  
 1,4-Dichlorobenzene-d4  
 Concen: 20.000 ng  
 RT: 7.769 min Scan# 81  
 Delta R.T. -0.006 min  
 Lab File: BP009551.D  
 Acq: 25 Mar 2022 14:20

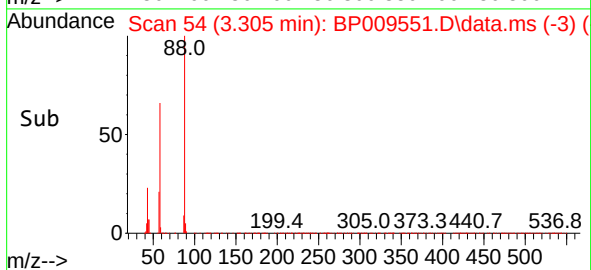
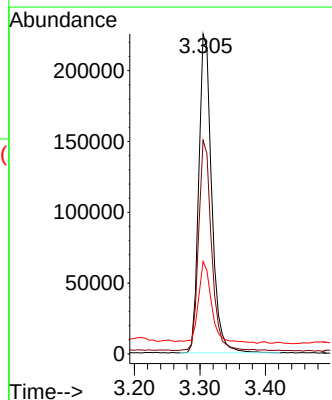
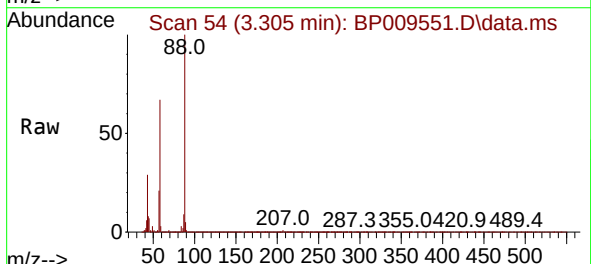
Instrument :  
 BNA\_P  
 ClientSampleId :  
 PB143541BS

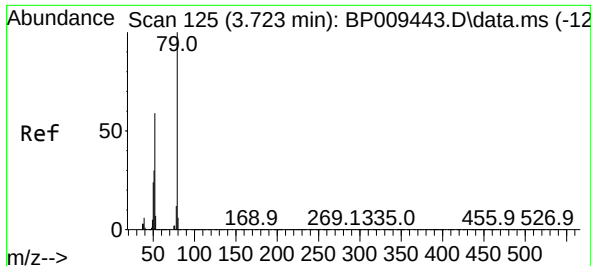
Tgt Ion:152 Resp: 380689  
 Ion Ratio Lower Upper  
 152 100  
 150 150.4 124.5 186.7  
 115 56.3 48.2 72.4



#2  
 1,4-Dioxane  
 Concen: 35.840 ng  
 RT: 3.305 min Scan# 54  
 Delta R.T. -0.000 min  
 Lab File: BP009551.D  
 Acq: 25 Mar 2022 14:20

Tgt Ion: 88 Resp: 309530  
 Ion Ratio Lower Upper  
 88 100  
 58 65.8 54.2 81.2  
 43 26.2 20.4 30.6

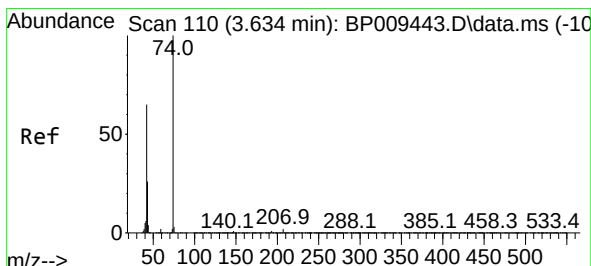
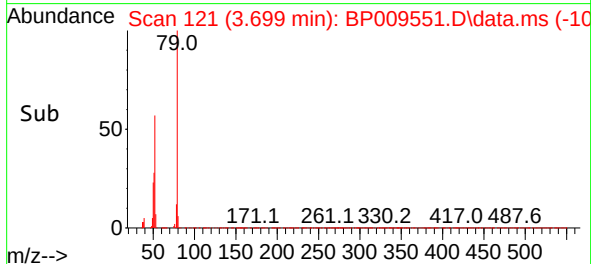
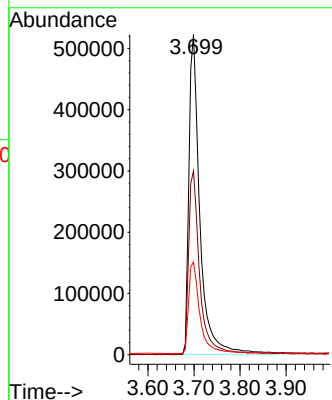
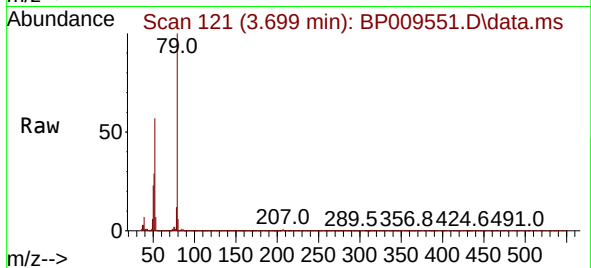




#3  
Pyridine  
Concen: 37.268 ng  
RT: 3.699 min Scan# 110  
Delta R.T. -0.000 min  
Lab File: BP009551.D  
Acq: 25 Mar 2022 14:20

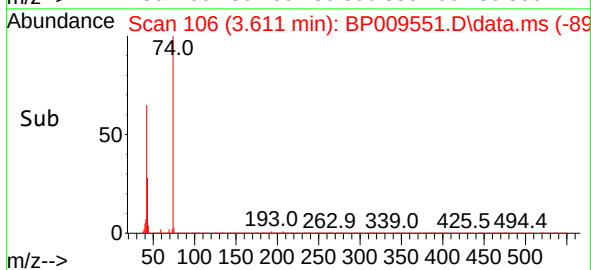
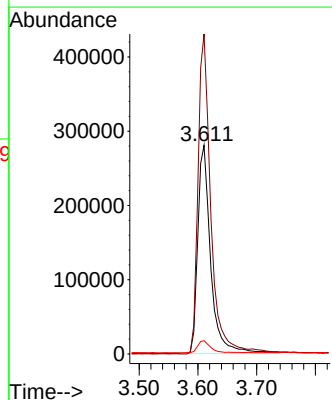
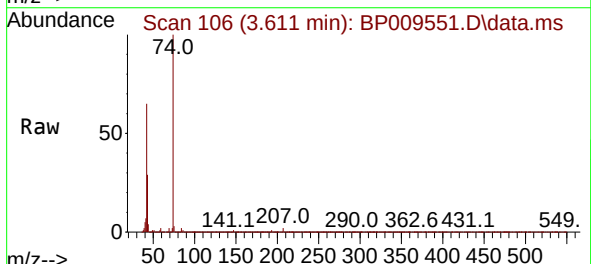
Instrument :  
BNA\_P  
ClientSampleId :  
PB143541BS

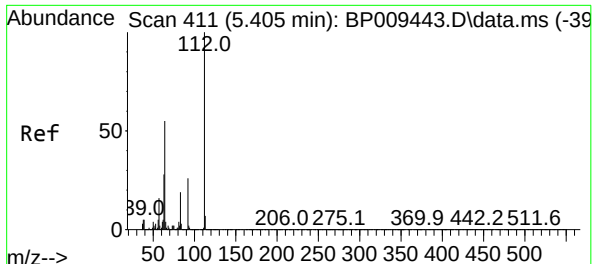
Tgt Ion: 79 Resp: 866850  
Ion Ratio Lower Upper  
79 100  
52 57.5 47.5 71.3  
51 28.9 24.1 36.1



#4  
n-Nitrosodimethylamine  
Concen: 49.675 ng  
RT: 3.611 min Scan# 106  
Delta R.T. -0.000 min  
Lab File: BP009551.D  
Acq: 25 Mar 2022 14:20

Tgt Ion: 42 Resp: 425530  
Ion Ratio Lower Upper  
42 100  
74 153.4 122.1 183.1  
44 6.3 5.8 8.8

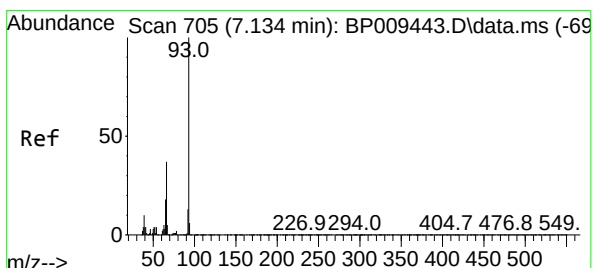
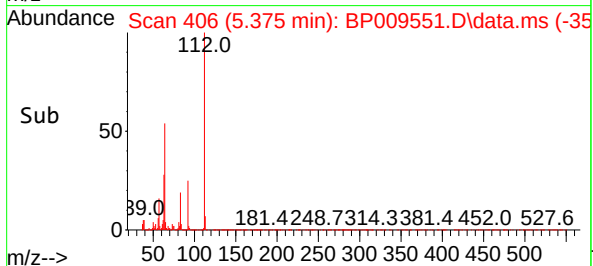
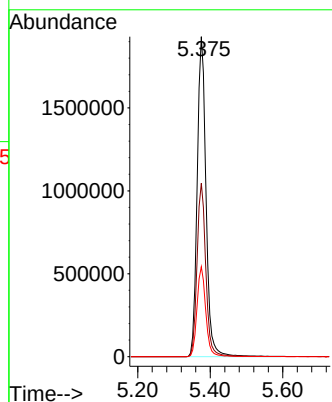
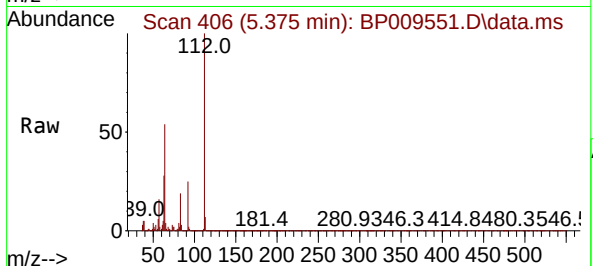




#5  
2-Fluorophenol  
Concen: 149.586 ng  
RT: 5.375 min Scan# 406  
Delta R.T. -0.000 min  
Lab File: BP009551.D  
Acq: 25 Mar 2022 14:20

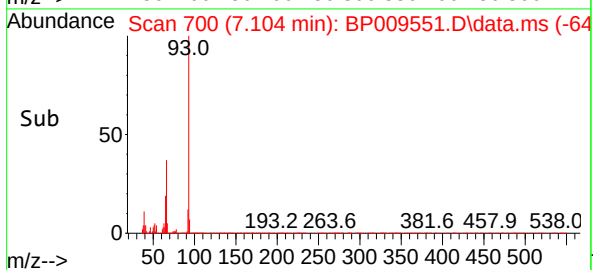
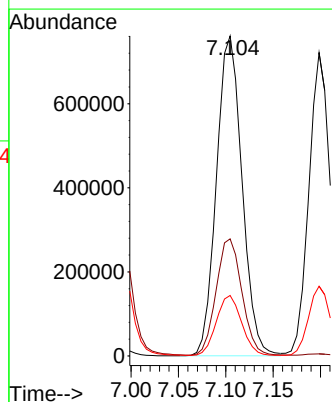
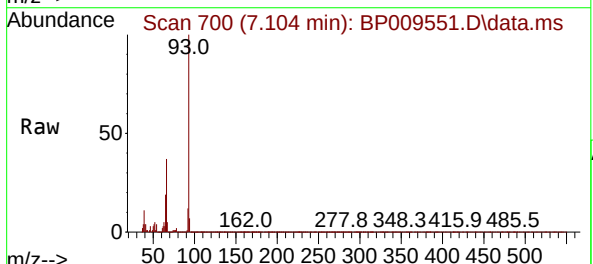
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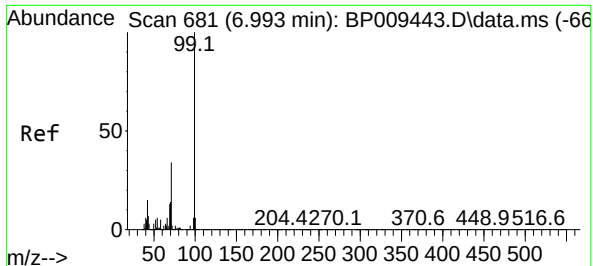
Tgt Ion:112 Resp: 3261618  
Ion Ratio Lower Upper  
112 100  
64 54.2 45.0 67.4  
63 28.1 23.0 34.6



#6  
Aniline  
Concen: 42.564 ng  
RT: 7.104 min Scan# 700  
Delta R.T. -0.000 min  
Lab File: BP009551.D  
Acq: 25 Mar 2022 14:20

Tgt Ion: 93 Resp: 1430468  
Ion Ratio Lower Upper  
93 100  
66 36.6 30.9 46.3  
65 18.9 15.8 23.8

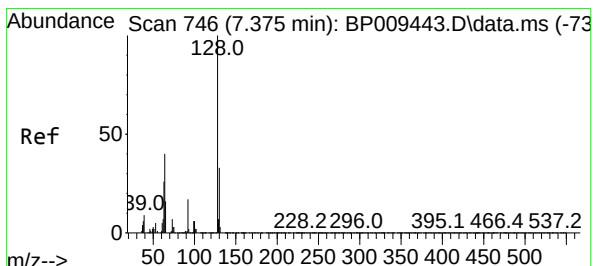
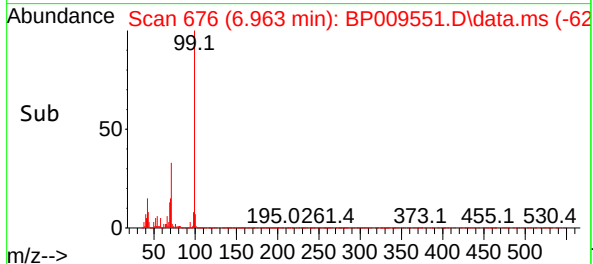
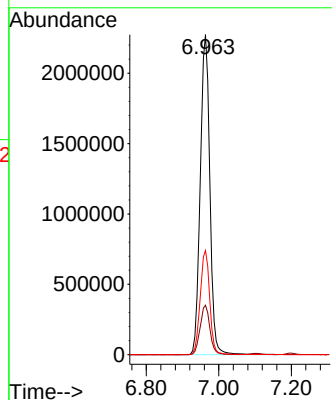
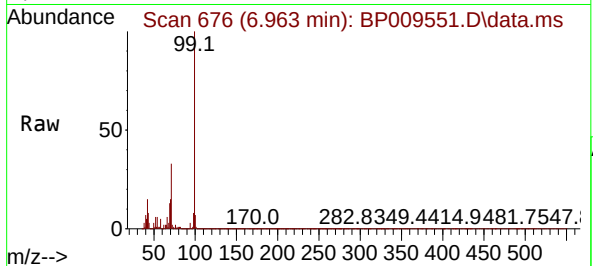




#7  
Phenol-d6  
Concen: 141.049 ng  
RT: 6.963 min Scan# 61  
Delta R.T. -0.000 min  
Lab File: BP009551.D  
Acq: 25 Mar 2022 14:20

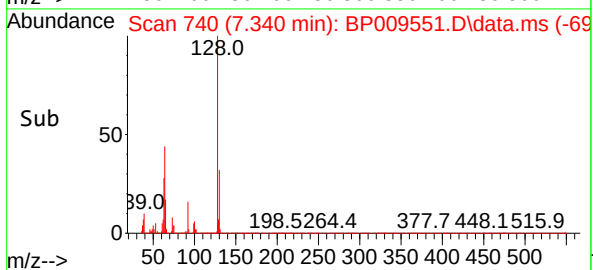
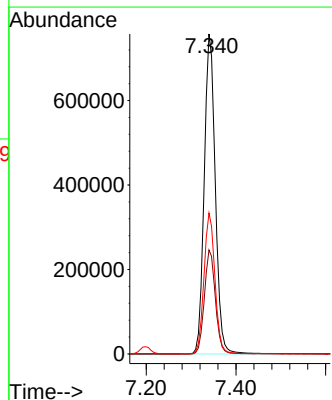
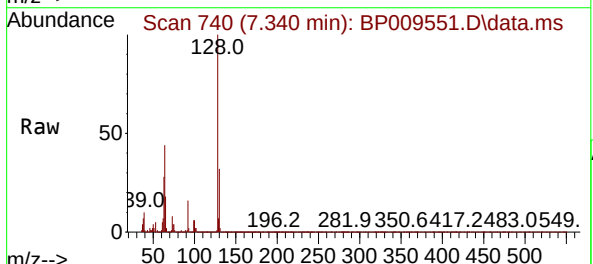
Instrument :  
BNA\_P  
ClientSampleId :  
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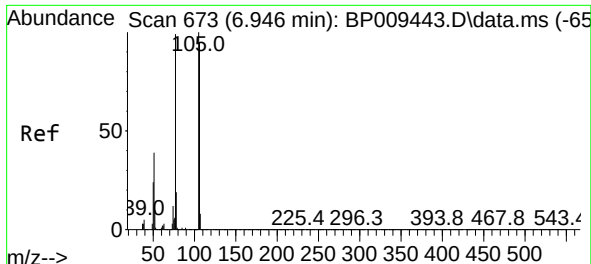
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Ion Ratio Lower Upper  
99 100  
42 15.4 12.8 19.2  
71 32.5 26.3 39.5



#8  
2-Chlorophenol  
Concen: 52.268 ng  
RT: 7.340 min Scan# 740  
Delta R.T. -0.006 min  
Lab File: BP009551.D  
Acq: 25 Mar 2022 14:20

Tgt Ion: 128 Resp: 1299559  
Ion Ratio Lower Upper  
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130 32.5 12.5 52.5  
64 44.1 26.2 66.2

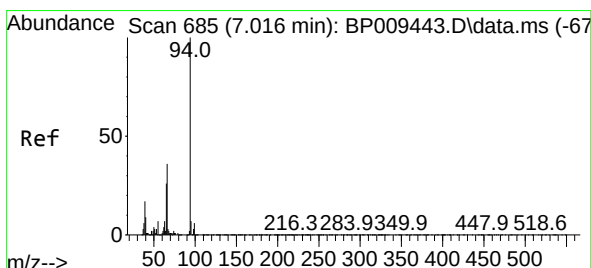
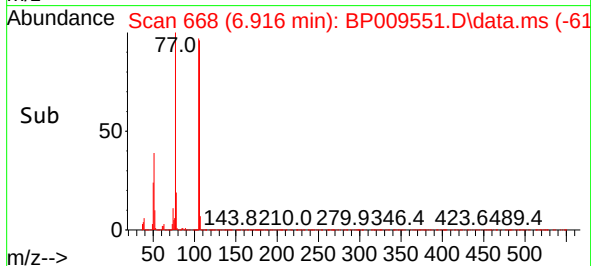
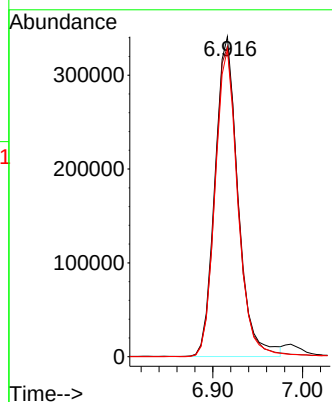
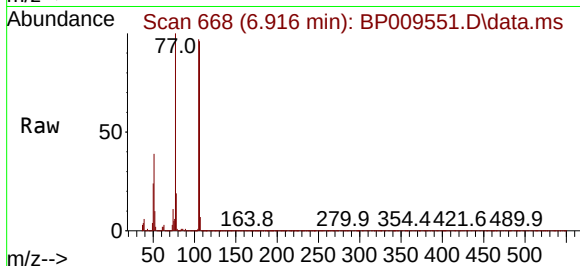




#9  
Benzaldehyde  
Concen: 43.940 ng  
RT: 6.916 min Scan# 609  
Delta R.T. -0.000 min  
Lab File: BP009551.D  
Acq: 25 Mar 2022 14:20

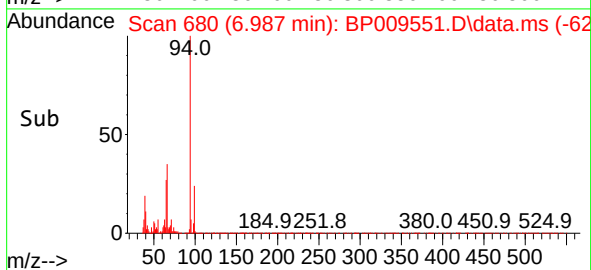
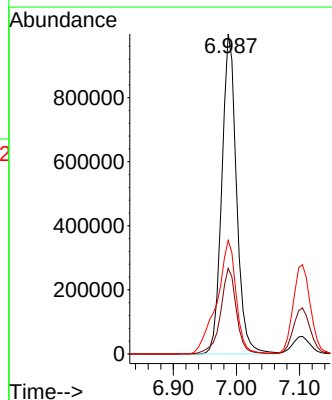
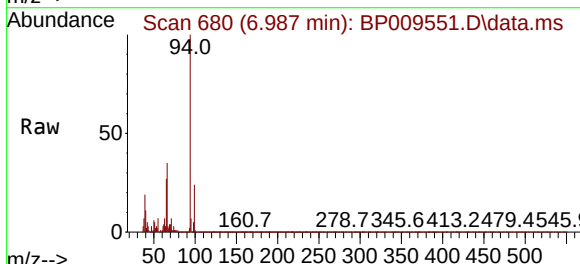
Instrument :  
BNA\_P  
ClientSampleId :  
PB143541BS

Tgt Ion: 77 Resp: 609093  
Ion Ratio Lower Upper  
77 100  
105 96.9 75.2 115.2  
106 96.1 72.3 112.3

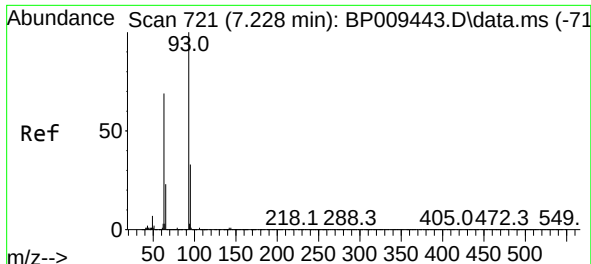


#10  
Phenol  
Concen: 54.698 ng  
RT: 6.987 min Scan# 680  
Delta R.T. -0.000 min  
Lab File: BP009551.D  
Acq: 25 Mar 2022 14:20

Tgt Ion: 94 Resp: 1618123  
Ion Ratio Lower Upper  
94 100  
65 26.8 7.2 47.2  
66 35.5 14.3 54.3



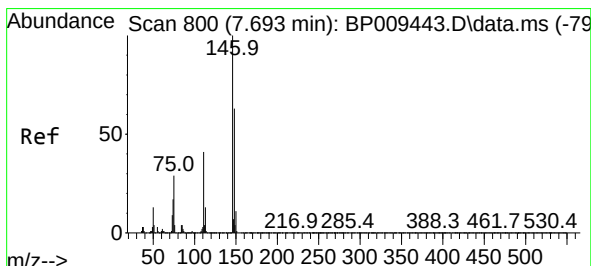
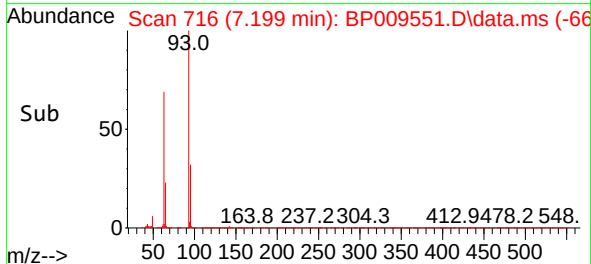
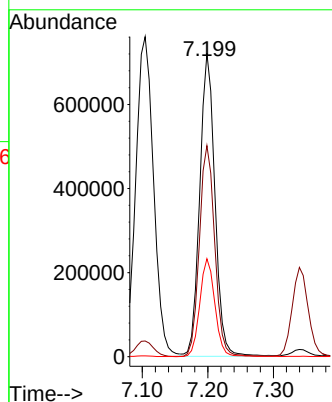
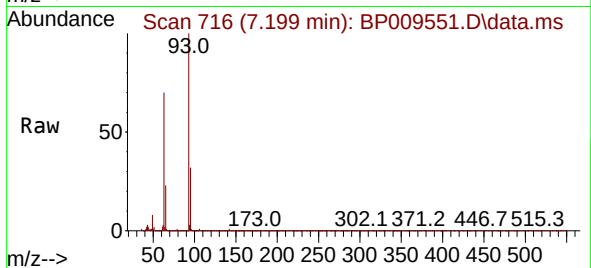




#11  
bis(2-Chloroethyl)ether  
Concen: 49.731 ng  
RT: 7.199 min Scan# 716  
Delta R.T. -0.006 min  
Lab File: BP009551.D  
Acq: 25 Mar 2022 14:20

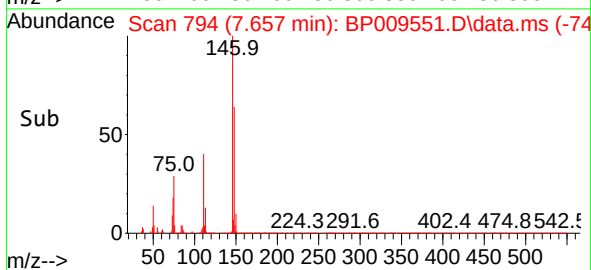
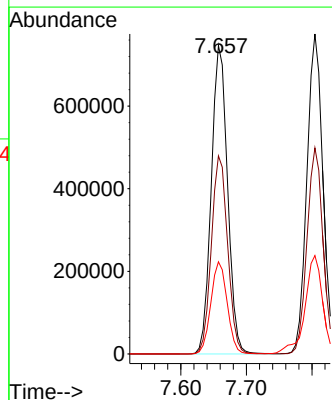
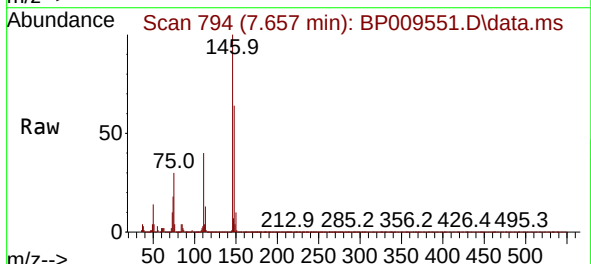
Instrument :  
BNA\_P  
ClientSampleId :  
PB143541BS

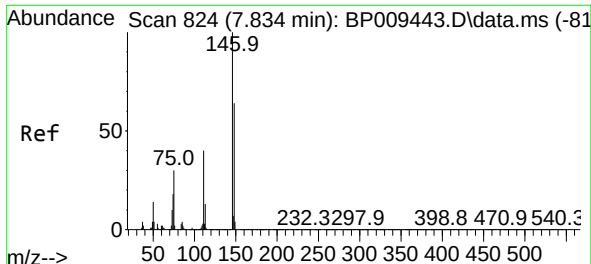
Tgt Ion: 93 Resp: 1164318  
Ion Ratio Lower Upper  
93 100  
63 69.6 53.5 93.5  
95 32.3 12.0 52.0



#12  
1,3-Dichlorobenzene  
Concen: 45.855 ng  
RT: 7.657 min Scan# 794  
Delta R.T. -0.006 min  
Lab File: BP009551.D  
Acq: 25 Mar 2022 14:20

Tgt Ion:146 Resp: 1286801  
Ion Ratio Lower Upper  
146 100  
148 64.2 51.4 77.0  
75 29.9 25.3 37.9

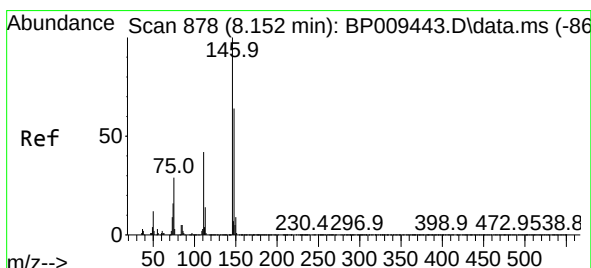
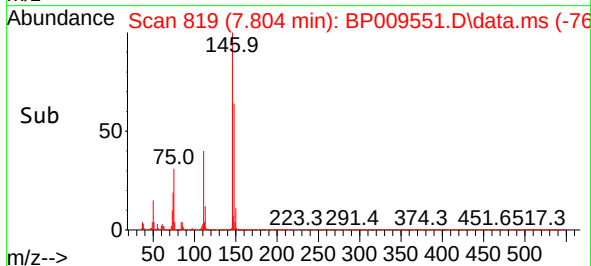
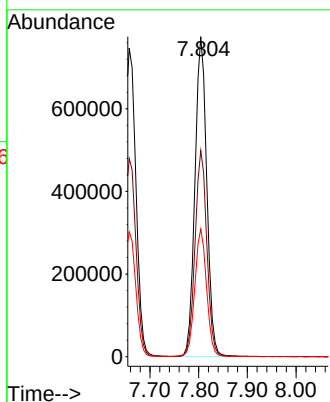
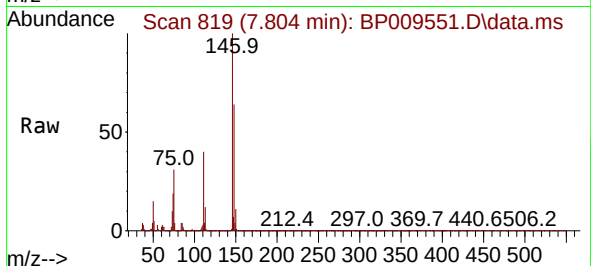




#13  
1,4-Dichlorobenzene  
Concen: 45.790 ng  
RT: 7.804 min Scan# 81  
Delta R.T. -0.006 min  
Lab File: BP009551.D  
Acq: 25 Mar 2022 14:20

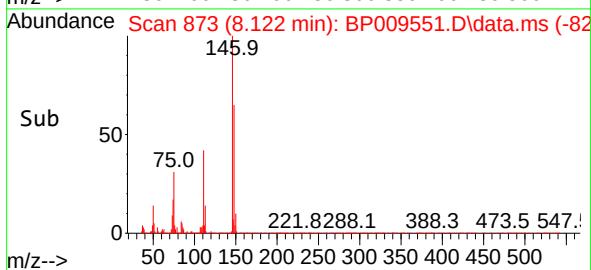
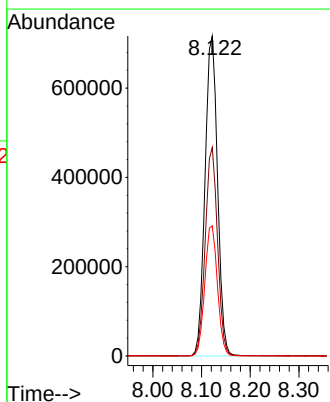
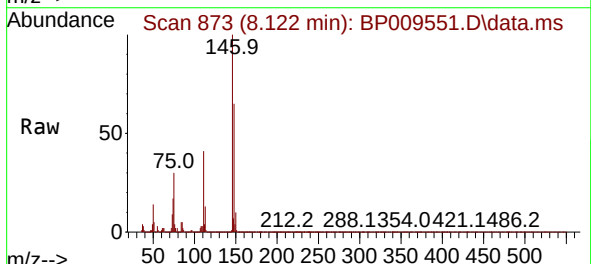
Instrument :  
BNA\_P  
ClientSampleId :  
PB143541BS

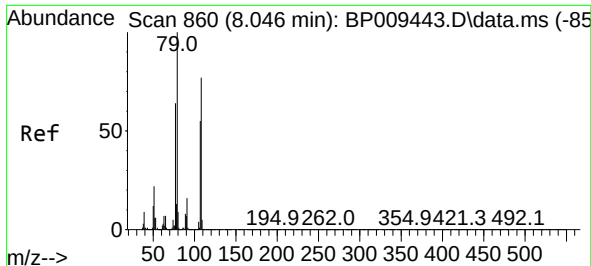
Tgt Ion:146 Resp: 1313793  
Ion Ratio Lower Upper  
146 100  
148 64.4 51.1 76.7  
111 39.9 32.1 48.1



#14  
1,2-Dichlorobenzene  
Concen: 46.010 ng  
RT: 8.122 min Scan# 873  
Delta R.T. -0.000 min  
Lab File: BP009551.D  
Acq: 25 Mar 2022 14:20

Tgt Ion:146 Resp: 1275934  
Ion Ratio Lower Upper  
146 100  
148 65.2 50.9 76.3  
111 40.7 34.1 51.1

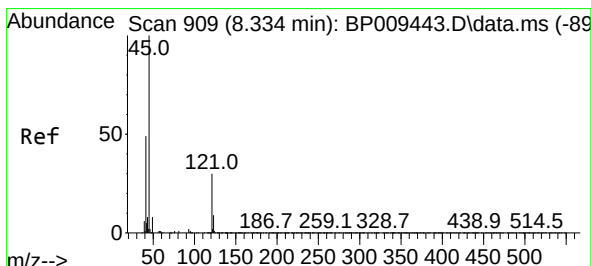
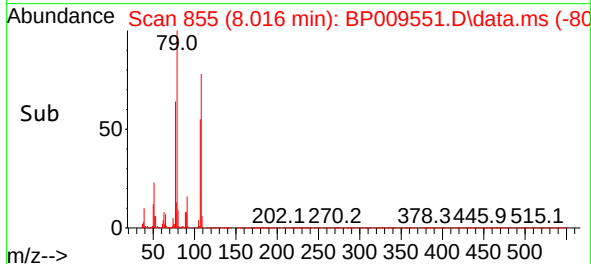
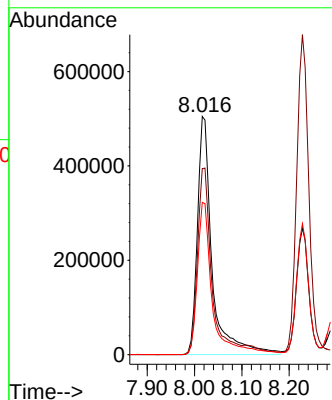
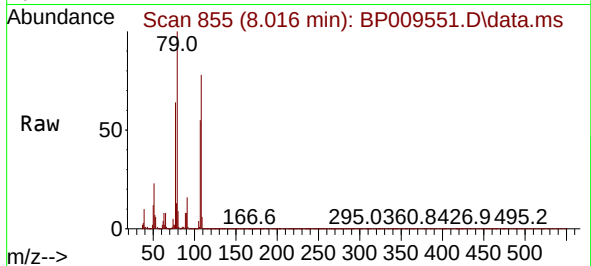




#15  
Benzyl Alcohol  
Concen: 46.620 ng  
RT: 8.016 min Scan# 80  
Delta R.T. -0.006 min  
Lab File: BP009551.D  
Acq: 25 Mar 2022 14:20

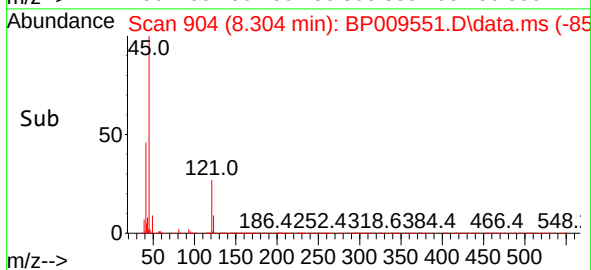
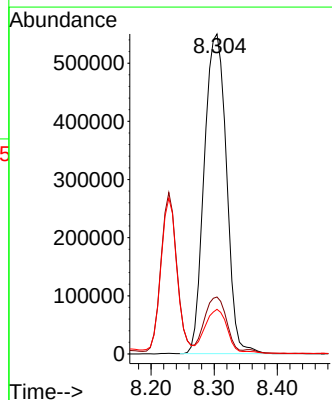
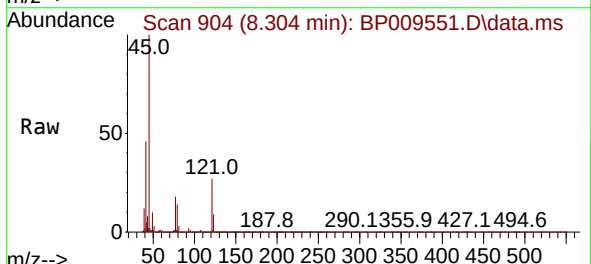
Instrument :  
BNA\_P  
ClientSampleId :  
PB143541BS

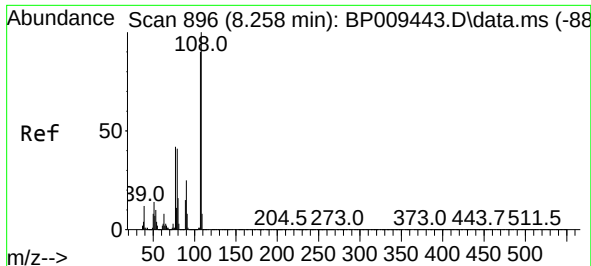
Tgt Ion: 79 Resp: 1096042  
Ion Ratio Lower Upper  
79 100  
108 78.1 62.5 93.7  
77 64.0 51.7 77.5



#16  
2,2'-oxybis(1-Chloropropane)  
Concen: 52.879 ng  
RT: 8.304 min Scan# 904  
Delta R.T. -0.000 min  
Lab File: BP009551.D  
Acq: 25 Mar 2022 14:20

Tgt Ion: 45 Resp: 1341993  
Ion Ratio Lower Upper  
45 100  
77 17.8 0.0 36.5  
79 14.0 0.0 32.4





#17

2-Methylphenol

Concen: 52.424 ng

RT: 8.228 min Scan# 896

Delta R.T. -0.000 min

Lab File: BP009551.D

Acq: 25 Mar 2022 14:20

Instrument :

BNA\_P

ClientSampleId :

PB143541BS

Tgt Ion:107 Resp: 1068720

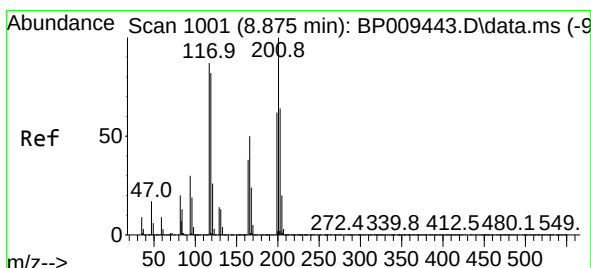
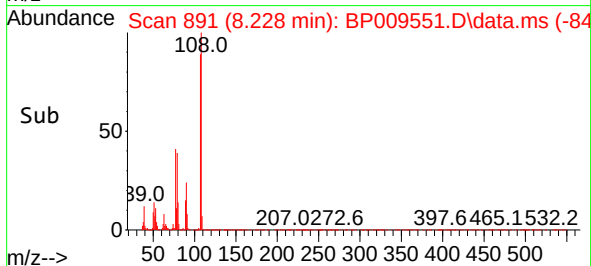
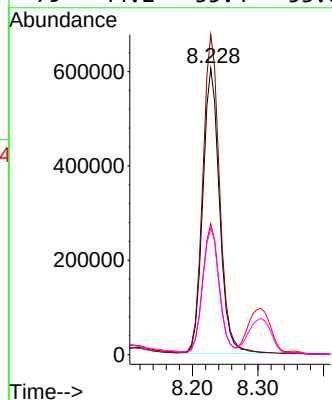
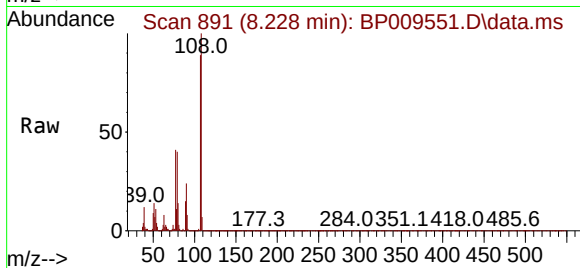
Ion Ratio Lower Upper

107 100

108 111.8 90.2 135.2

77 45.8 36.3 54.5

79 44.2 35.4 53.0



#18

Hexachloroethane

Concen: 45.953 ng

RT: 8.846 min Scan# 996

Delta R.T. -0.000 min

Lab File: BP009551.D

Acq: 25 Mar 2022 14:20

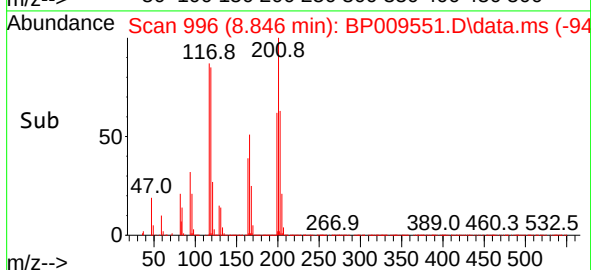
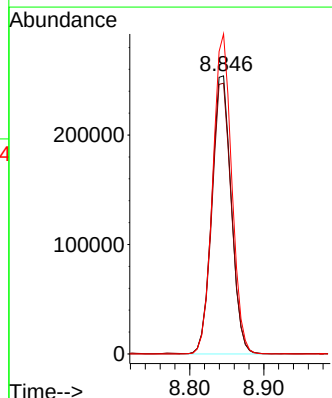
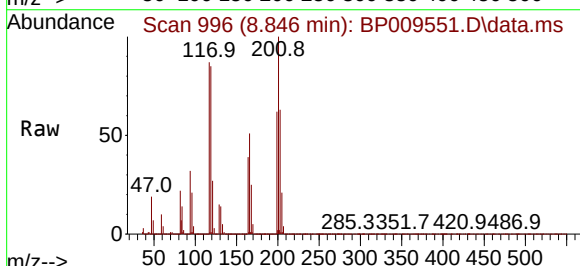
Tgt Ion:117 Resp: 462068

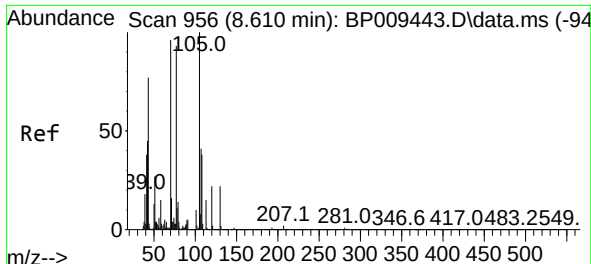
Ion Ratio Lower Upper

117 100

119 97.4 76.4 114.6

201 115.1 83.4 125.2

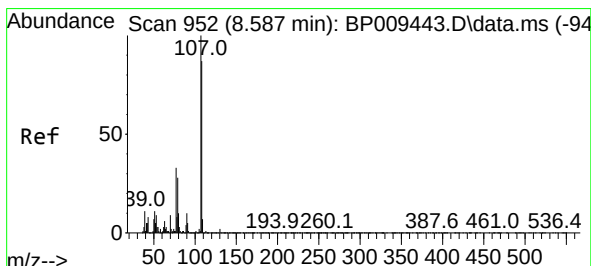
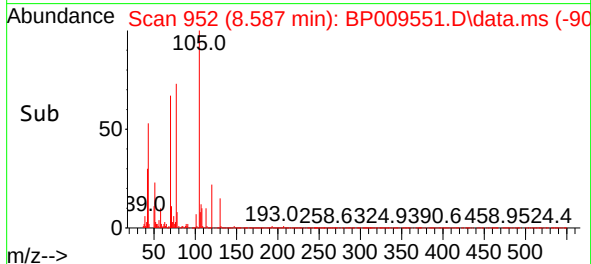
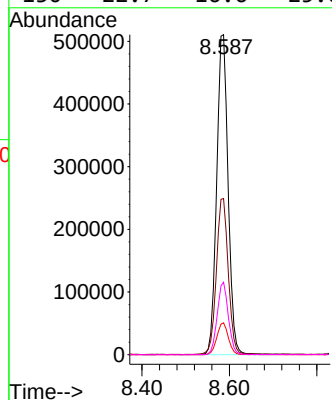
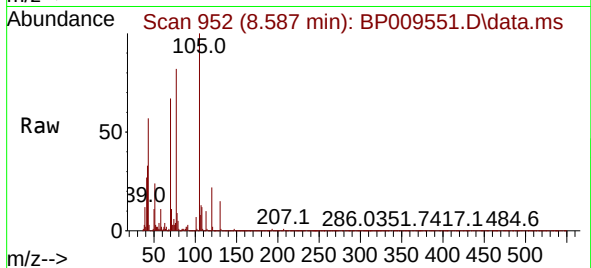




#19  
n-Nitroso-di-n-propylamine  
Concen: 49.616 ng  
RT: 8.587 min Scan# 91  
Delta R.T. -0.000 min  
Lab File: BP009551.D  
Acq: 25 Mar 2022 14:20

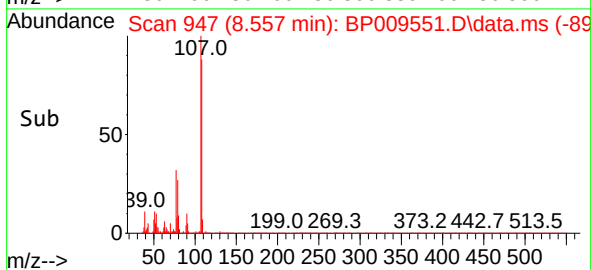
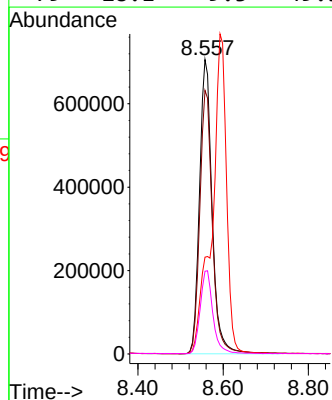
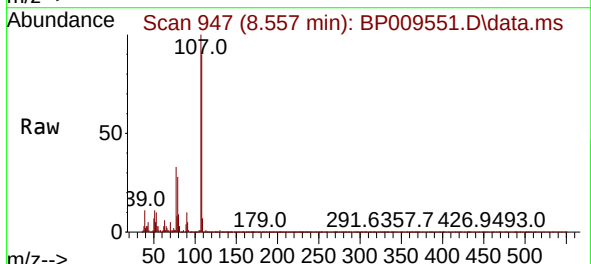
Instrument :  
BNA\_P  
ClientSampleId :  
PB143541BS

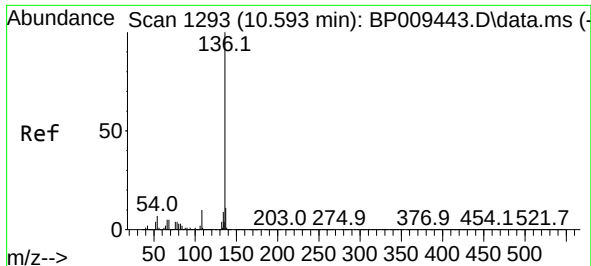
Tgt Ion: 70 Resp: 925373  
Ion Ratio Lower Upper  
70 100  
42 48.8 41.0 61.4  
101 10.0 7.9 11.9  
130 22.7 16.6 25.0



#20  
3+4-Methylphenols  
Concen: 51.635 ng  
RT: 8.557 min Scan# 947  
Delta R.T. -0.006 min  
Lab File: BP009551.D  
Acq: 25 Mar 2022 14:20

Tgt Ion: 107 Resp: 1447366  
Ion Ratio Lower Upper  
107 100  
108 89.6 69.4 109.4  
77 32.9 13.6 53.6  
79 28.1 9.3 49.3

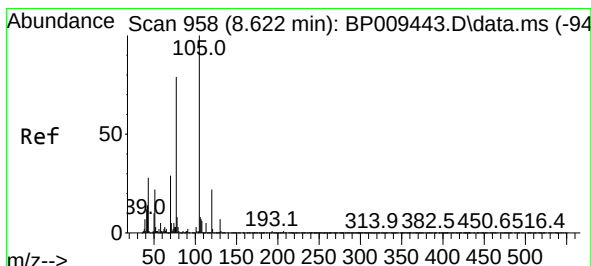
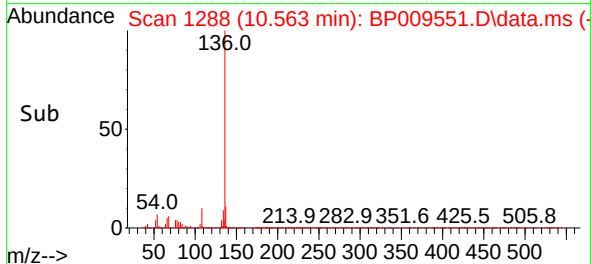
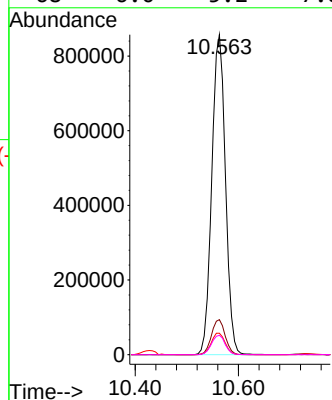
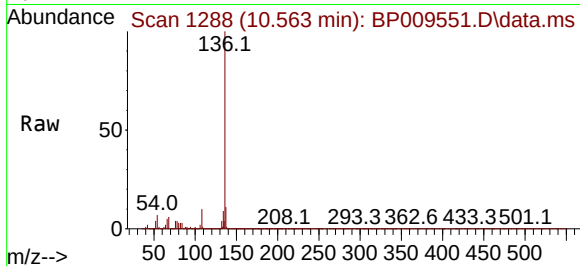




#21  
Naphthalene-d8  
Concen: 20.000 ng  
RT: 10.563 min Scan# 11  
Delta R.T. -0.000 min  
Lab File: BP009551.D  
Acq: 25 Mar 2022 14:20

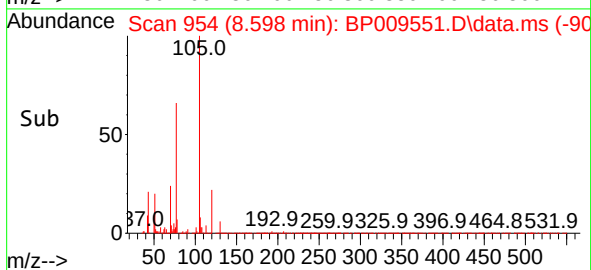
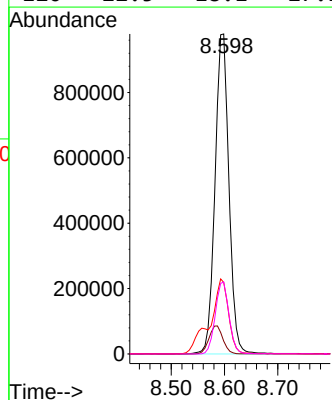
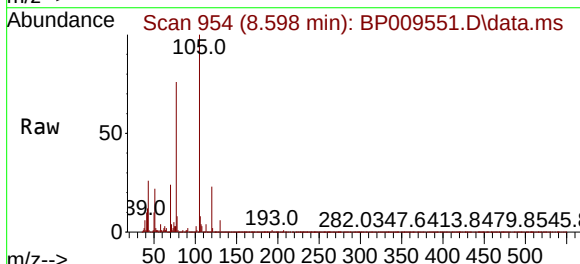
Instrument :  
BNA\_P  
ClientSampleId :  
PB143541BS

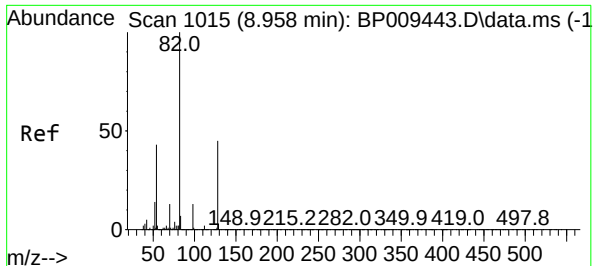
Tgt Ion:136 Resp: 1571098  
Ion Ratio Lower Upper  
136 100  
137 11.0 8.6 12.8  
54 6.7 5.8 8.8  
68 6.0 5.2 7.8



#22  
Acetophenone  
Concen: 45.809 ng  
RT: 8.598 min Scan# 954  
Delta R.T. -0.000 min  
Lab File: BP009551.D  
Acq: 25 Mar 2022 14:20

Tgt Ion:105 Resp: 1781325  
Ion Ratio Lower Upper  
105 100  
71 4.0 5.5 8.3#  
51 22.4 18.9 28.3  
120 22.5 18.1 27.1



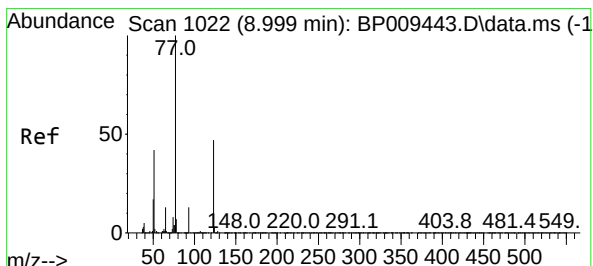
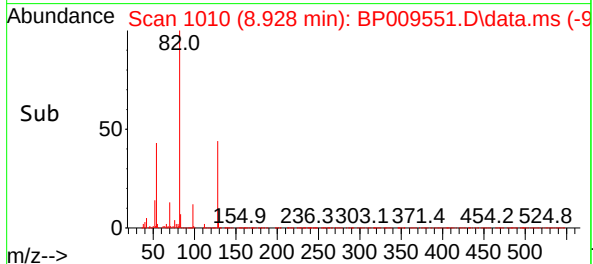
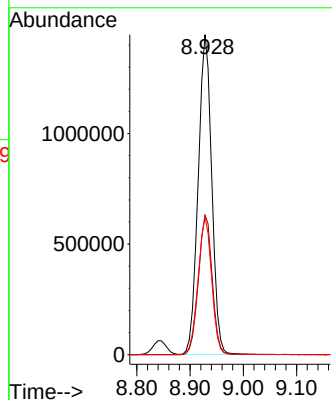
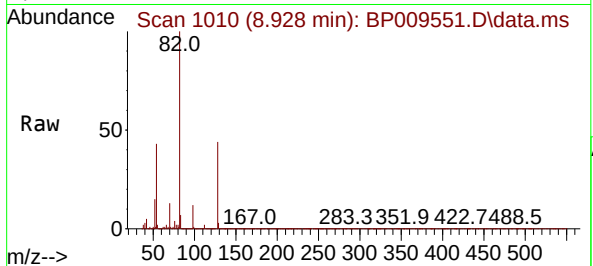


#23  
Nitrobenzene-d5  
Concen: 86.500 ng  
RT: 8.928 min Scan# 1010  
Delta R.T. -0.006 min  
Lab File: BP009551.D  
Acq: 25 Mar 2022 14:20

Instrument :  
BNA\_P  
ClientSampleId :  
PB143541BS

Tgt Ion: 82 Resp: 2557364

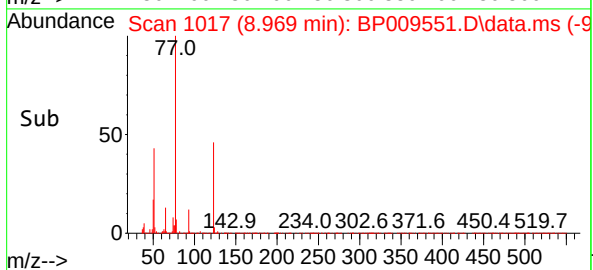
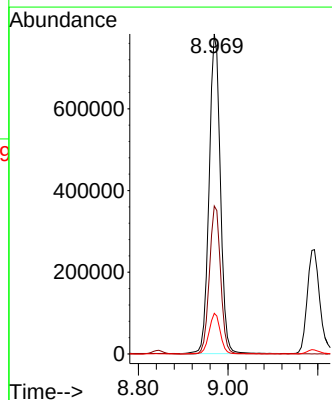
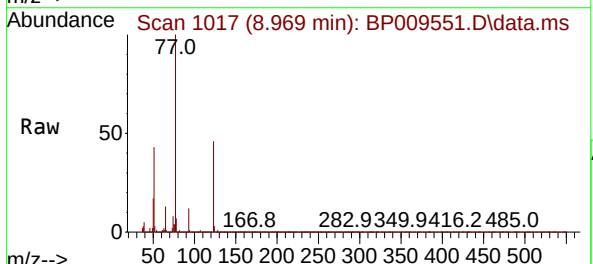
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 82  | 100   |       |       |
| 128 | 43.6  | 34.2  | 51.4  |
| 54  | 43.1  | 34.7  | 52.1  |

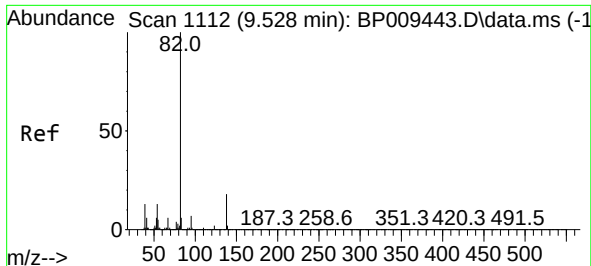


#24  
Nitrobenzene  
Concen: 48.503 ng  
RT: 8.969 min Scan# 1017  
Delta R.T. -0.006 min  
Lab File: BP009551.D  
Acq: 25 Mar 2022 14:20

Tgt Ion: 77 Resp: 1354631

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 77  | 100   |       |       |
| 123 | 46.2  | 35.5  | 53.3  |
| 65  | 12.7  | 10.3  | 15.5  |

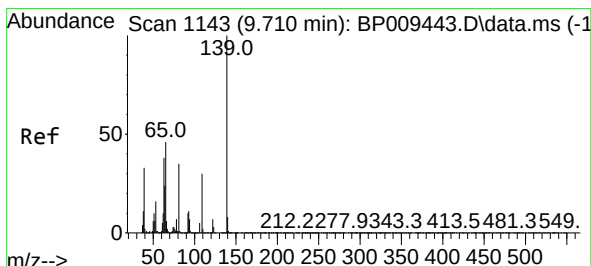
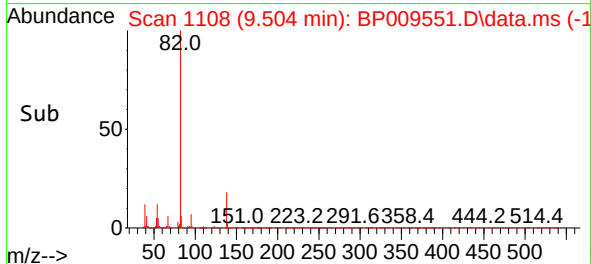
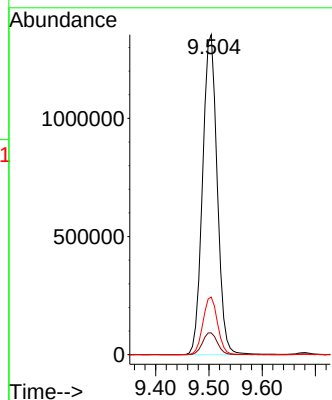
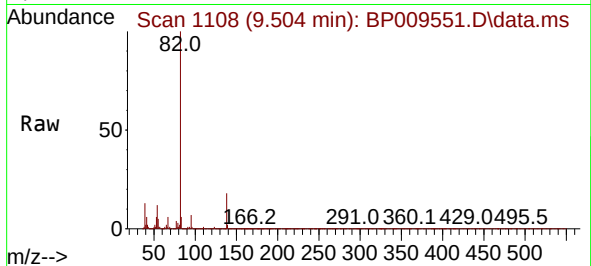




#25  
Isophorone  
Concen: 51.177 ng  
RT: 9.504 min Scan# 1112  
Delta R.T. -0.000 min  
Lab File: BP009551.D  
Acq: 25 Mar 2022 14:20

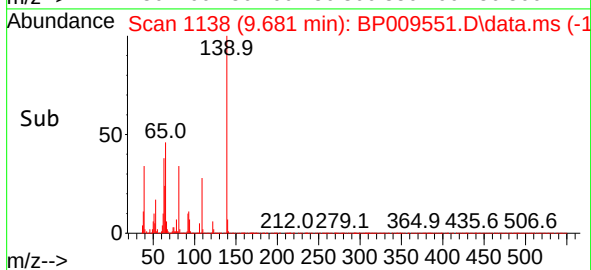
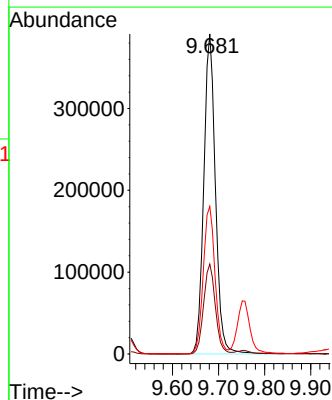
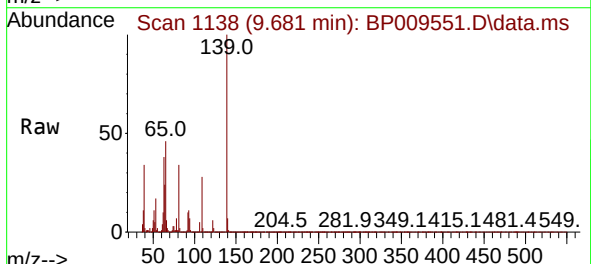
Instrument :  
BNA\_P  
ClientSampleId :  
PB143541BS

Tgt Ion: 82 Resp: 2580865  
Ion Ratio Lower Upper  
82 100  
95 6.8 5.5 8.3  
138 18.0 13.8 20.8

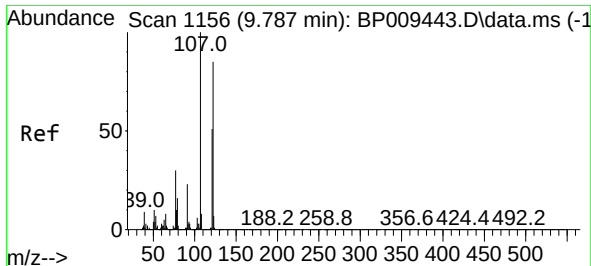


#26  
2-Nitrophenol  
Concen: 47.582 ng  
RT: 9.681 min Scan# 1138  
Delta R.T. -0.006 min  
Lab File: BP009551.D  
Acq: 25 Mar 2022 14:20

Tgt Ion: 139 Resp: 692689  
Ion Ratio Lower Upper  
139 100  
109 28.1 23.4 35.0  
65 46.1 41.0 61.6







#27

2,4-Dimethylphenol

Concen: 58.468 ng

RT: 9.757 min Scan# 1156

Delta R.T. -0.000 min

Lab File: BP009551.D

Acq: 25 Mar 2022 14:20

Instrument :

BNA\_P

ClientSampleId :

PB143541BS

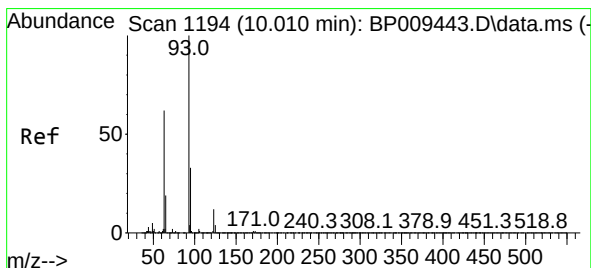
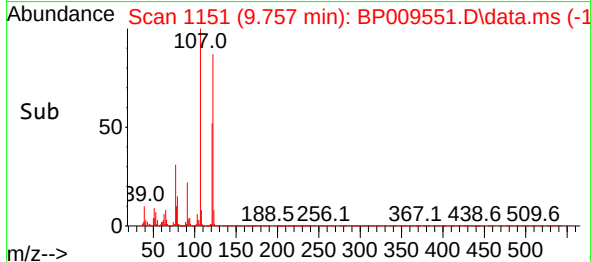
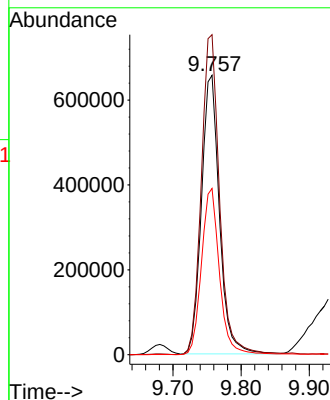
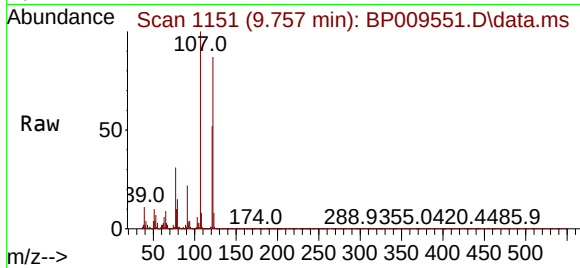
Tgt Ion:122 Resp: 1201046

Ion Ratio Lower Upper

122 100

107 114.6 92.6 138.8

121 59.5 46.7 70.1



#28

bis(2-Chloroethoxy)methane

Concen: 48.014 ng

RT: 9.981 min Scan# 1189

Delta R.T. -0.006 min

Lab File: BP009551.D

Acq: 25 Mar 2022 14:20

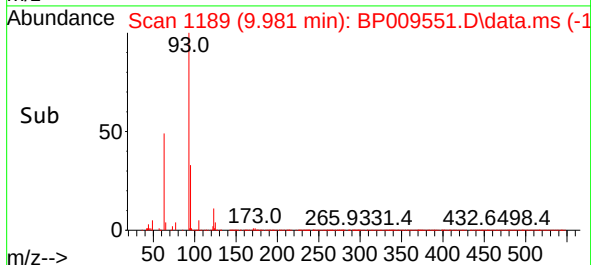
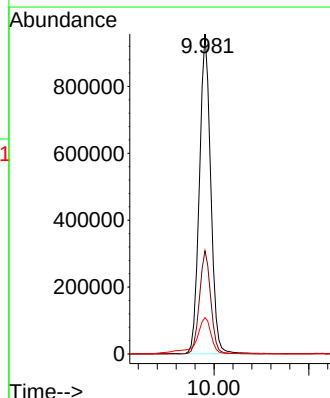
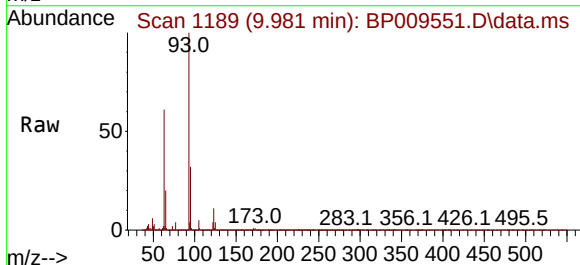
Tgt Ion: 93 Resp: 1576589

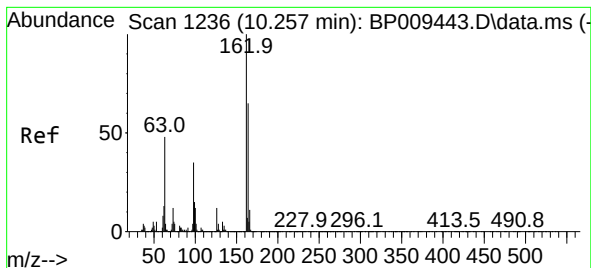
Ion Ratio Lower Upper

93 100

95 32.2 25.5 38.3

123 11.3 8.9 13.3





#29

2,4-Dichlorophenol

Concen: 49.898 ng

RT: 10.222 min Scan# 1230

Delta R.T. -0.006 min

Lab File: BP009551.D

Acq: 25 Mar 2022 14:20

Instrument :

BNA\_P

ClientSampleId :

PB143541BS

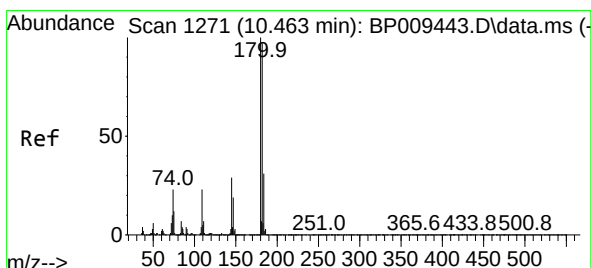
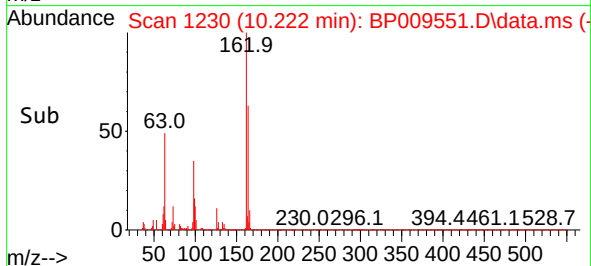
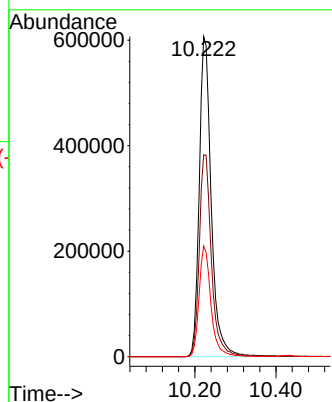
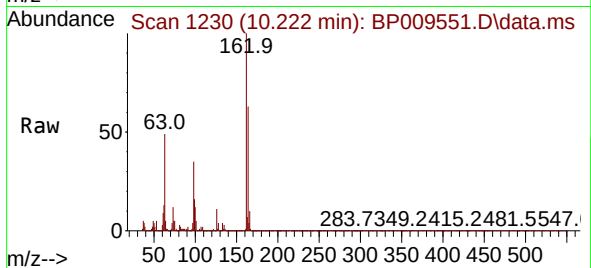
Tgt Ion:162 Resp: 1250273

Ion Ratio Lower Upper

162 100

164 63.1 44.3 84.3

98 34.6 15.6 55.6



#30

1,2,4-Trichlorobenzene

Concen: 44.056 ng

RT: 10.428 min Scan# 1265

Delta R.T. -0.006 min

Lab File: BP009551.D

Acq: 25 Mar 2022 14:20

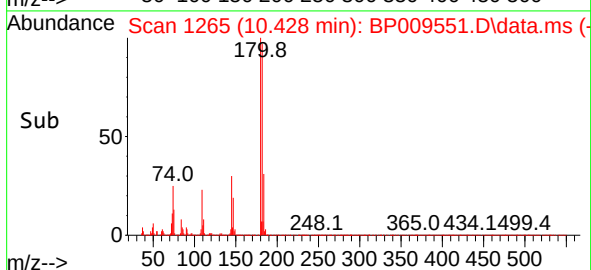
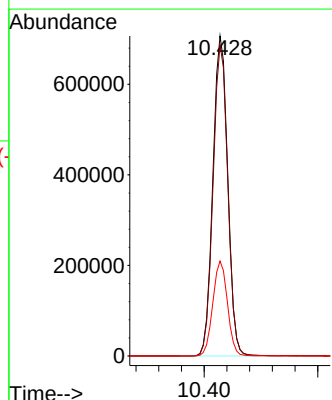
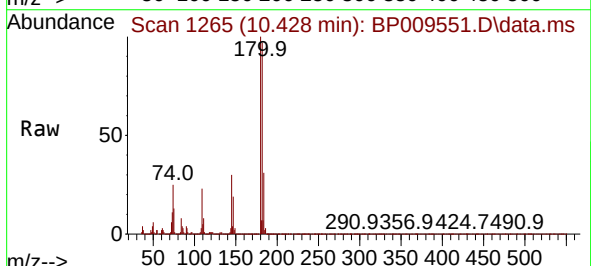
Tgt Ion:180 Resp: 1278958

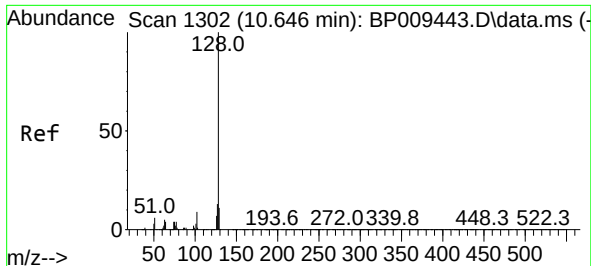
Ion Ratio Lower Upper

180 100

182 97.1 76.4 114.6

145 29.7 23.8 35.6

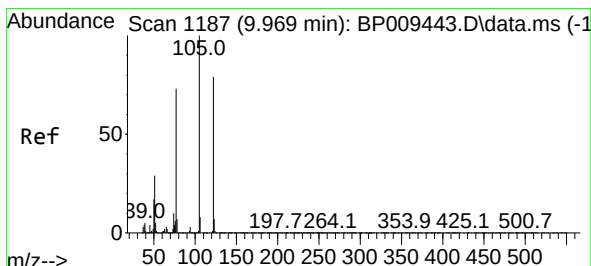
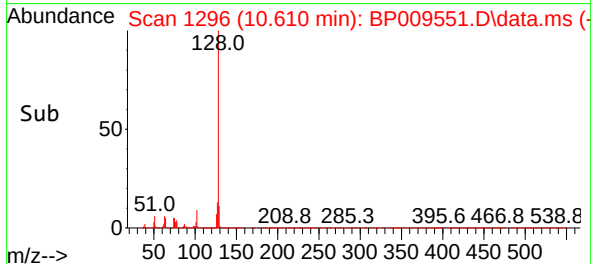
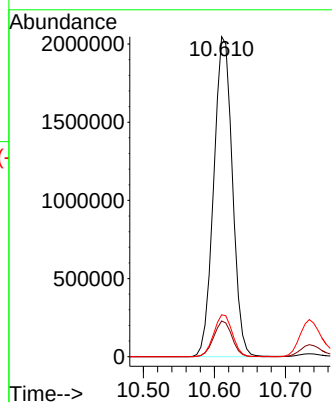
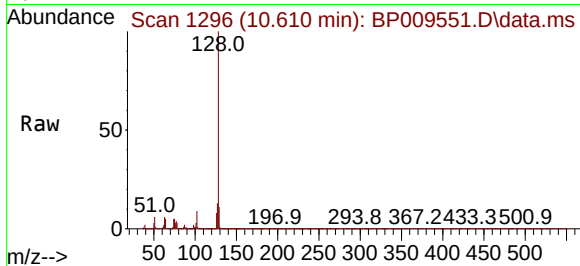




#31  
Naphthalene  
Concen: 46.036 ng  
RT: 10.610 min Scan# 1129  
Delta R.T. -0.006 min  
Lab File: BP009551.D  
Acq: 25 Mar 2022 14:20

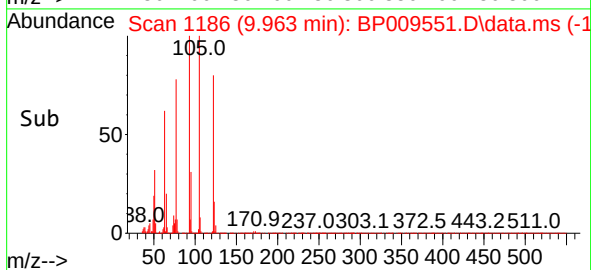
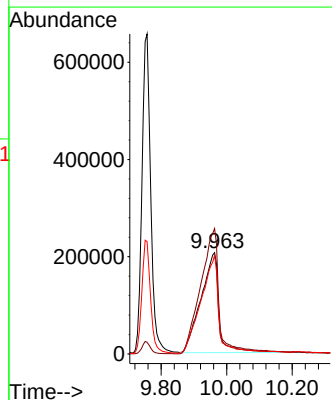
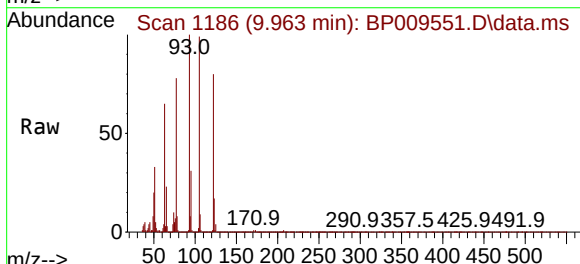
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ClientSampleId :  
PB143541BS

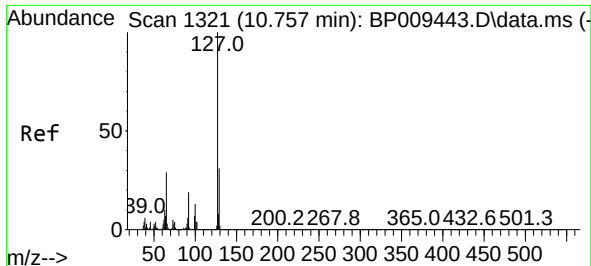
Tgt Ion:128 Resp: 3725588  
Ion Ratio Lower Upper  
128 100  
129 11.2 8.6 13.0  
127 13.1 10.5 15.7



#32  
Benzoic acid  
Concen: 49.232 ng  
RT: 9.963 min Scan# 1186  
Delta R.T. 0.011 min  
Lab File: BP009551.D  
Acq: 25 Mar 2022 14:20

Tgt Ion:122 Resp: 790686  
Ion Ratio Lower Upper  
122 100  
105 123.8 110.5 150.5  
77 97.5 79.9 119.9

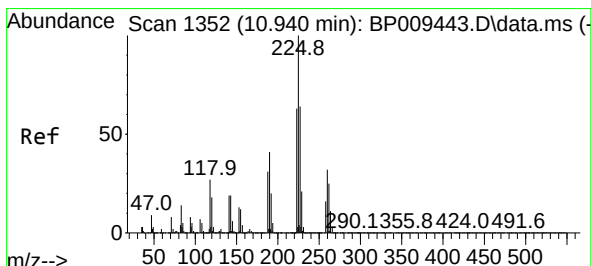
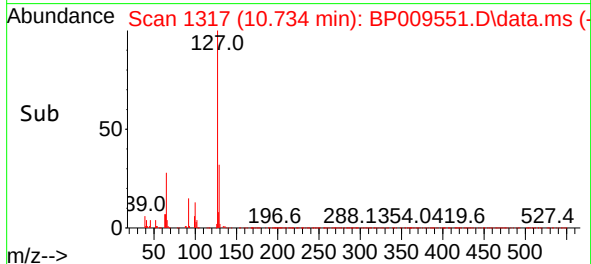
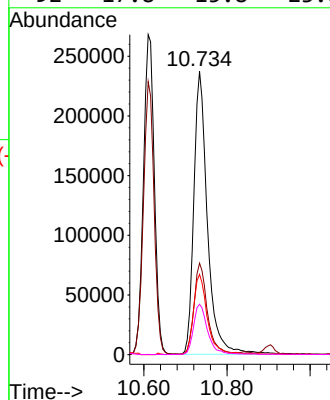
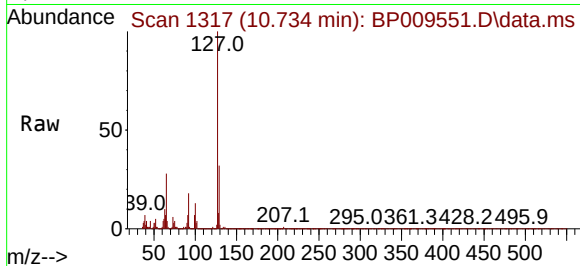




#33  
4-Chloroaniline  
Concen: 16.329 ng  
RT: 10.734 min Scan# 11  
Delta R.T. -0.000 min  
Lab File: BP009551.D  
Acq: 25 Mar 2022 14:20

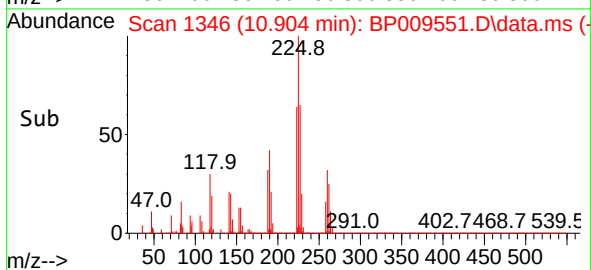
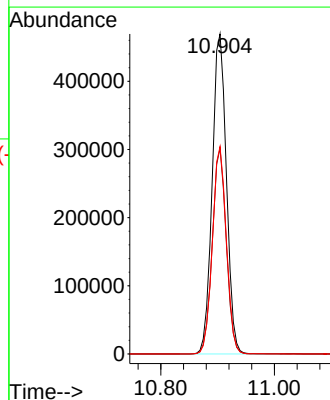
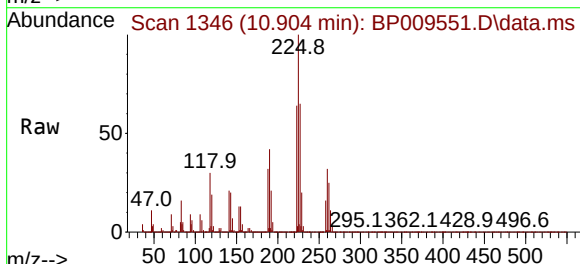
Instrument :  
BNA\_P  
ClientSampleId :  
PB143541BS

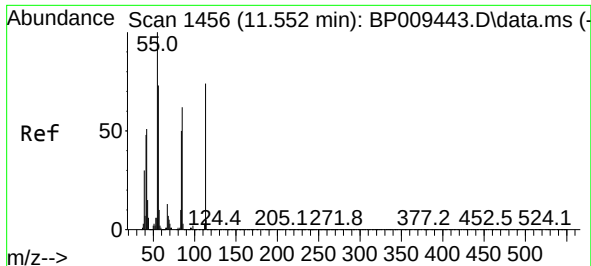
|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 127   | Resp: | 539245 |
| Ion      | Ratio | Lower | Upper  |
| 127      | 100   |       |        |
| 129      | 32.3  | 25.5  | 38.3   |
| 65       | 28.3  | 24.3  | 36.5   |
| 92       | 17.8  | 15.8  | 23.8   |



#34  
Hexachlorobutadiene  
Concen: 41.289 ng  
RT: 10.904 min Scan# 1346  
Delta R.T. -0.006 min  
Lab File: BP009551.D  
Acq: 25 Mar 2022 14:20

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 225   | Resp: | 812148 |
| Ion      | Ratio | Lower | Upper  |
| 225      | 100   |       |        |
| 223      | 64.3  | 50.5  | 75.7   |
| 227      | 64.8  | 51.2  | 76.8   |

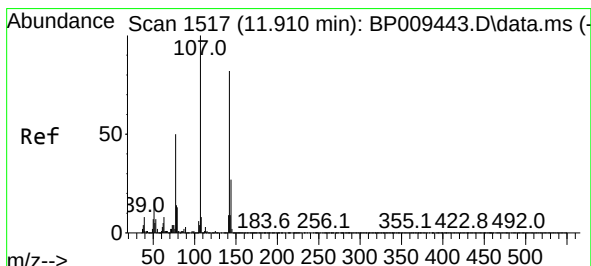
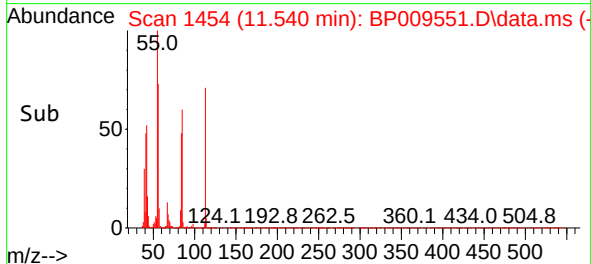
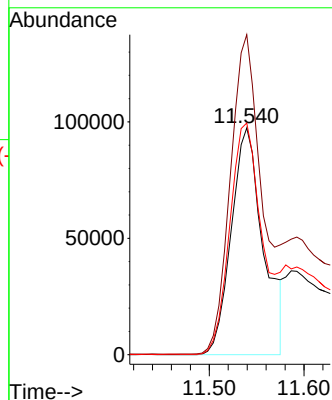
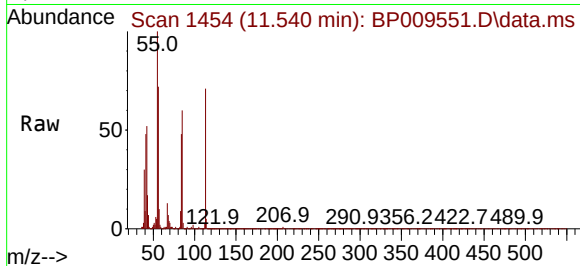




#35  
 Caprolactam  
 Concen: 26.929 ng  
 RT: 11.540 min Scan# 1456  
 Delta R.T. 0.006 min  
 Lab File: BP009551.D  
 Acq: 25 Mar 2022 14:20

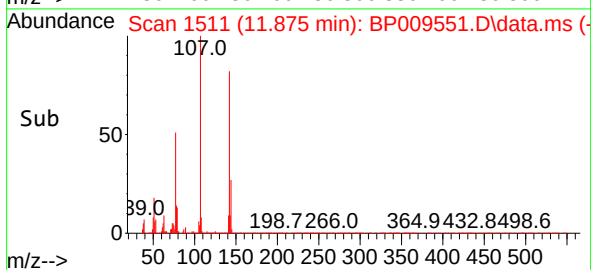
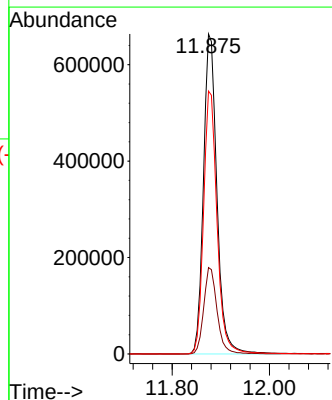
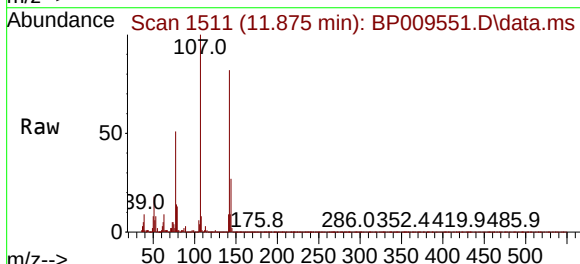
Instrument :  
 BNA\_P  
 ClientSampleId :  
 PB143541BS

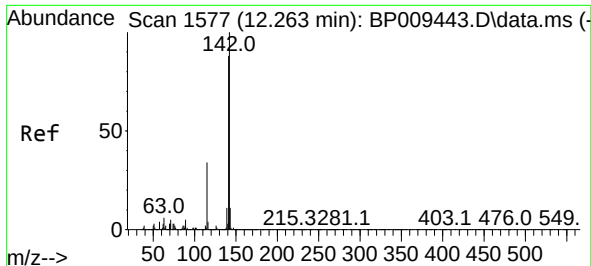
Tgt Ion:113 Resp: 227719  
 Ion Ratio Lower Upper  
 113 100  
 55 141.1 128.4 168.4  
 56 102.2 90.9 130.9



#36  
 4-Chloro-3-methylphenol  
 Concen: 47.239 ng  
 RT: 11.875 min Scan# 1511  
 Delta R.T. -0.000 min  
 Lab File: BP009551.D  
 Acq: 25 Mar 2022 14:20

Tgt Ion:107 Resp: 1271916  
 Ion Ratio Lower Upper  
 107 100  
 144 27.0 21.0 31.4  
 142 82.1 64.9 97.3

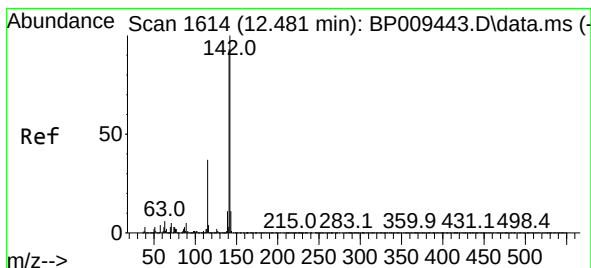
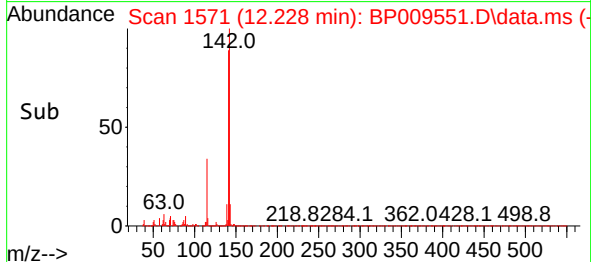
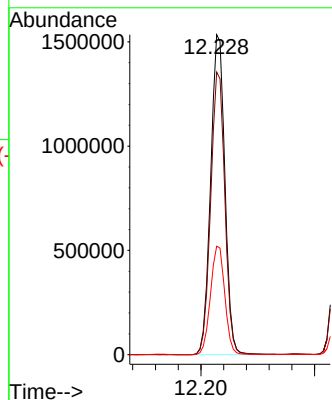
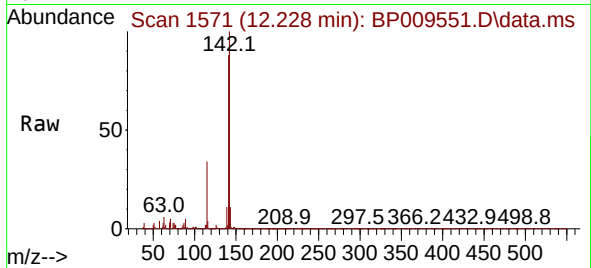




#37  
2-Methylnaphthalene  
Concen: 46.798 ng  
RT: 12.228 min Scan# 1  
Delta R.T. -0.006 min  
Lab File: BP009551.D  
Acq: 25 Mar 2022 14:20

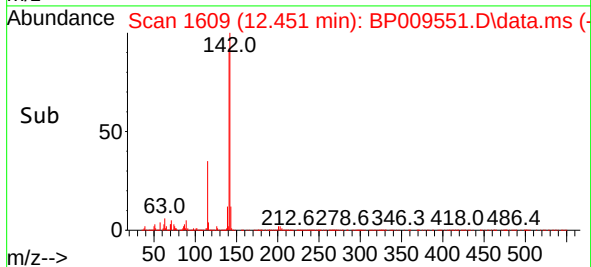
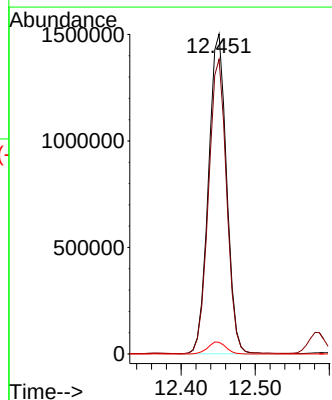
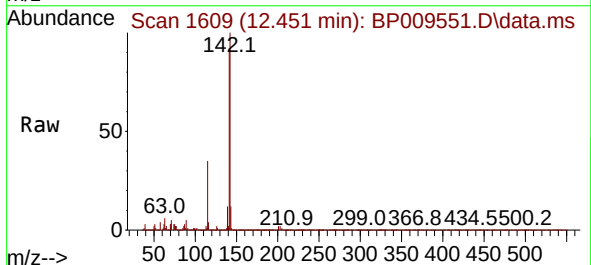
Instrument :  
BNA\_P  
ClientSampleId :  
PB143541BS

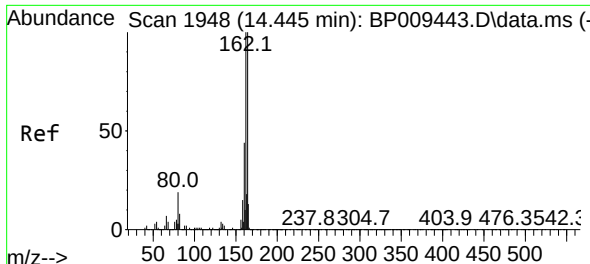
Tgt Ion:142 Resp: 2657258  
Ion Ratio Lower Upper  
142 100  
141 88.3 70.2 105.4  
115 33.9 27.4 41.2



#38  
1-Methylnaphthalene  
Concen: 45.986 ng  
RT: 12.451 min Scan# 1609  
Delta R.T. -0.000 min  
Lab File: BP009551.D  
Acq: 25 Mar 2022 14:20

Tgt Ion:142 Resp: 2543710  
Ion Ratio Lower Upper  
142 100  
141 92.1 73.5 110.3  
116 3.7 3.3 4.9

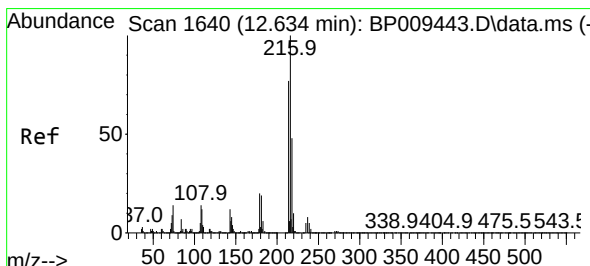
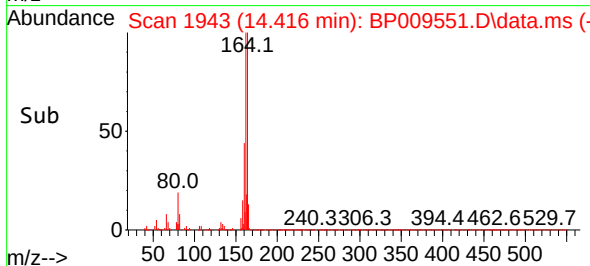
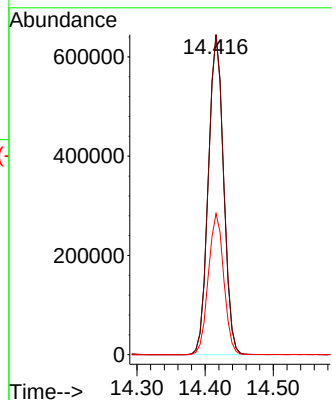
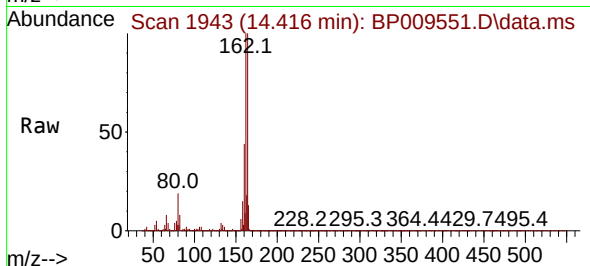




#39  
Acenaphthene-d10  
Concen: 20.000 ng  
RT: 14.416 min Scan# 1948  
Delta R.T. -0.006 min  
Lab File: BP009551.D  
Acq: 25 Mar 2022 14:20

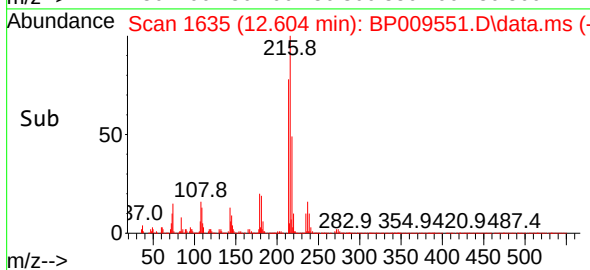
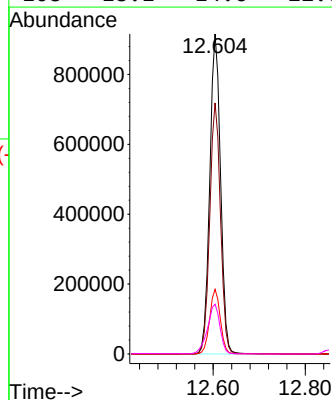
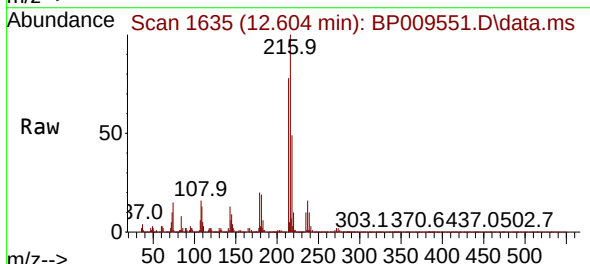
Instrument :  
BNA\_P  
ClientSampleId :  
PB143541BS

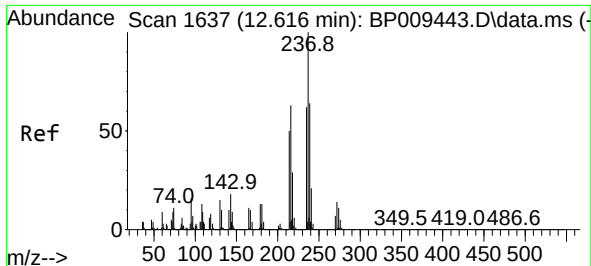
Tgt Ion:164 Resp: 1001853  
Ion Ratio Lower Upper  
164 100  
162 100.0 79.1 118.7  
160 44.1 34.9 52.3



#40  
1,2,4,5-Tetrachlorobenzene  
Concen: 45.007 ng  
RT: 12.604 min Scan# 1635  
Delta R.T. -0.006 min  
Lab File: BP009551.D  
Acq: 25 Mar 2022 14:20

Tgt Ion:216 Resp: 1496065  
Ion Ratio Lower Upper  
216 100  
214 78.1 62.3 93.5  
179 19.9 16.8 25.2  
108 18.1 14.6 22.0

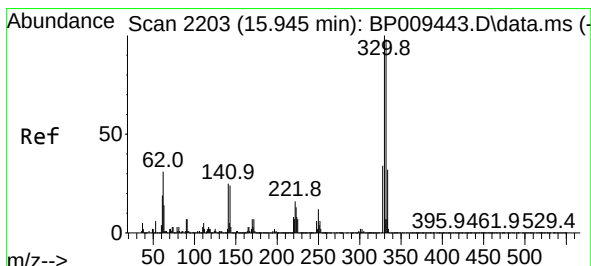
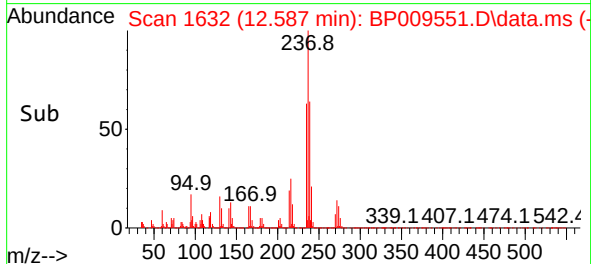
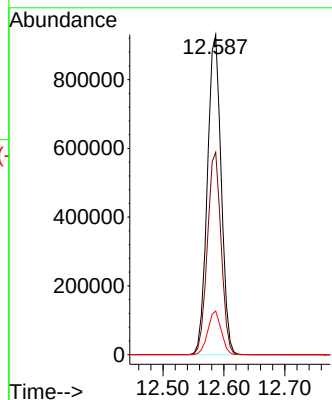
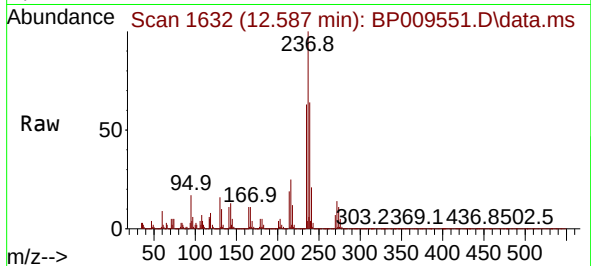




#41  
Hexachlorocyclopentadiene  
Concen: 99.200 ng  
RT: 12.587 min Scan# 1  
Delta R.T. -0.000 min  
Lab File: BP009551.D  
Acq: 25 Mar 2022 14:20

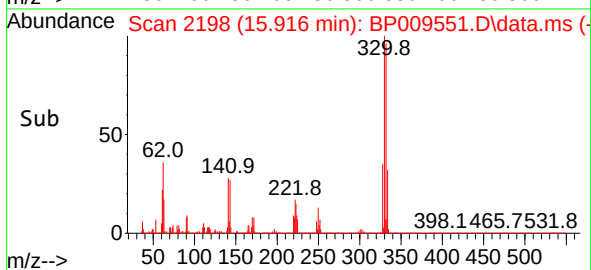
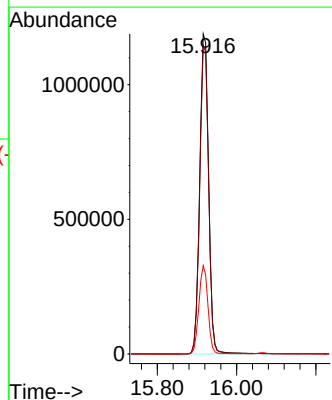
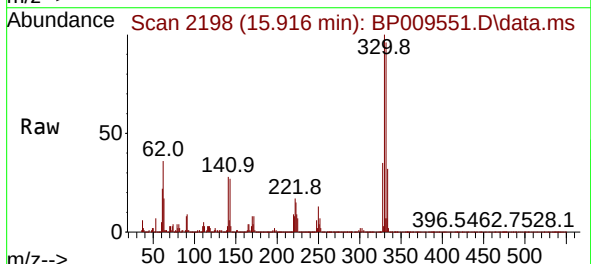
Instrument :  
BNA\_P  
ClientSampleId :  
PB143541BS

Tgt Ion:237 Resp: 1463215  
Ion Ratio Lower Upper  
237 100  
235 63.3 42.6 82.6  
272 13.6 0.0 32.8

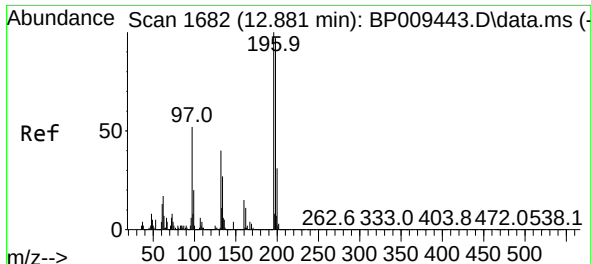


#42  
2,4,6-Tribromophenol  
Concen: 111.843 ng  
RT: 15.916 min Scan# 2198  
Delta R.T. -0.006 min  
Lab File: BP009551.D  
Acq: 25 Mar 2022 14:20

Tgt Ion:330 Resp: 1849030  
Ion Ratio Lower Upper  
330 100  
332 96.7 77.0 115.6  
141 28.0 27.6 41.4



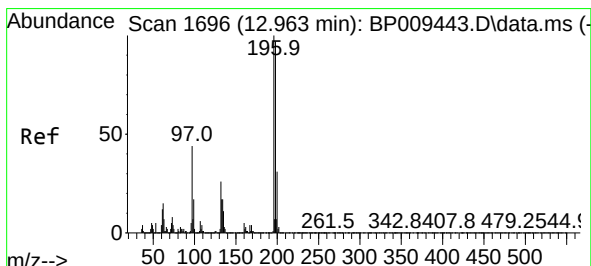
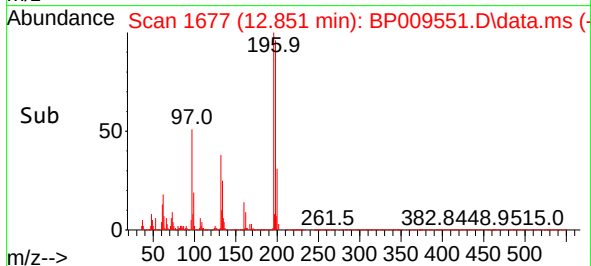
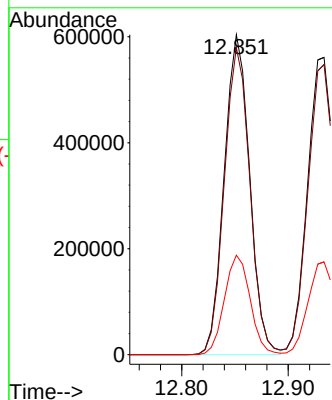
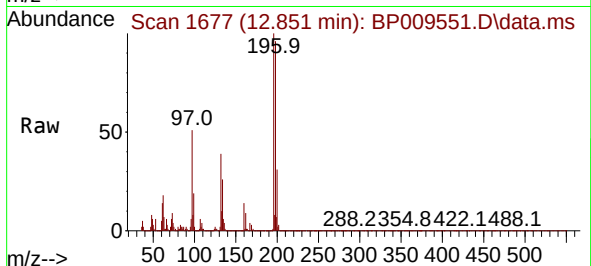




#43  
2,4,6-Trichlorophenol  
Concen: 45.720 ng  
RT: 12.851 min Scan# 1682  
Delta R.T. -0.006 min  
Lab File: BP009551.D  
Acq: 25 Mar 2022 14:20

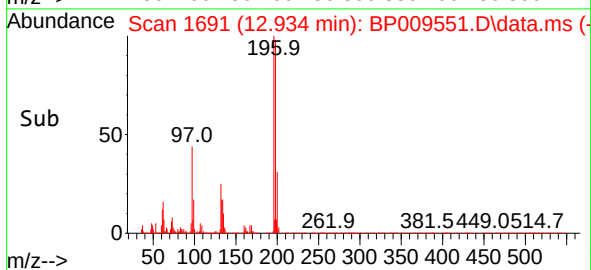
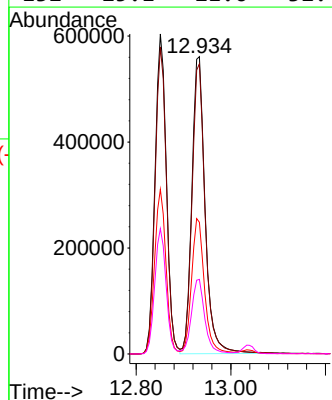
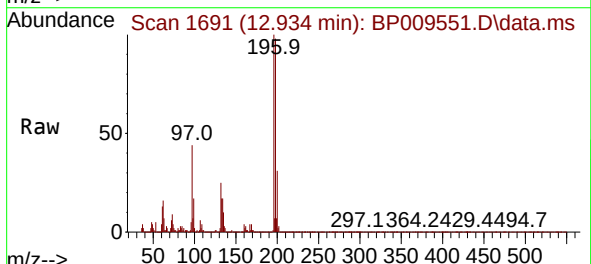
Instrument :  
BNA\_P  
ClientSampleId :  
PB143541BS

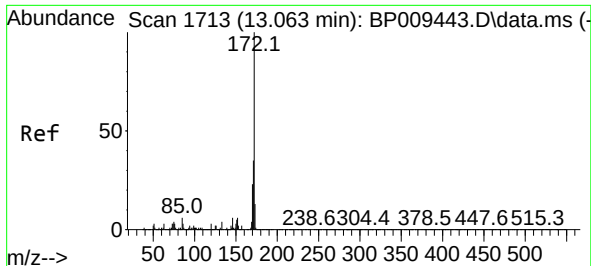
Tgt Ion:196 Resp: 1007326  
Ion Ratio Lower Upper  
196 100  
198 96.0 76.2 114.4  
200 31.1 24.4 36.6



#44  
2,4,5-Trichlorophenol  
Concen: 45.632 ng  
RT: 12.934 min Scan# 1691  
Delta R.T. -0.000 min  
Lab File: BP009551.D  
Acq: 25 Mar 2022 14:20

Tgt Ion:196 Resp: 1091789  
Ion Ratio Lower Upper  
196 100  
198 97.6 76.6 114.8  
97 44.3 38.3 57.5  
132 25.1 21.6 32.4

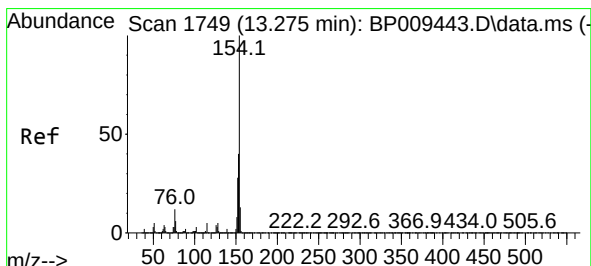
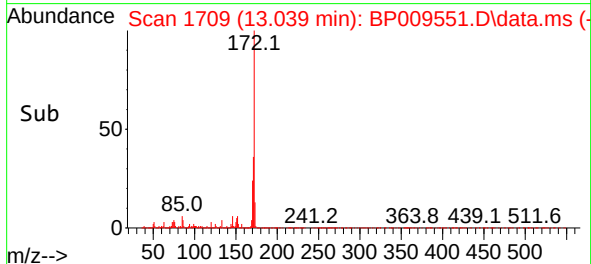
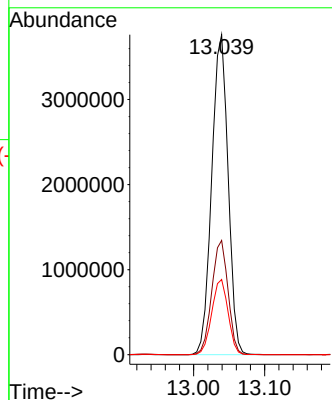
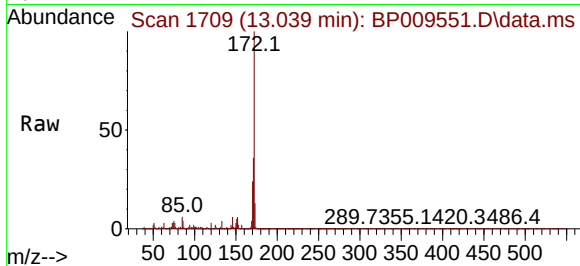




#45  
2-Fluorobiphenyl  
Concen: 83.252 ng  
RT: 13.039 min Scan# 1713  
Delta R.T. -0.000 min  
Lab File: BP009551.D  
Acq: 25 Mar 2022 14:20

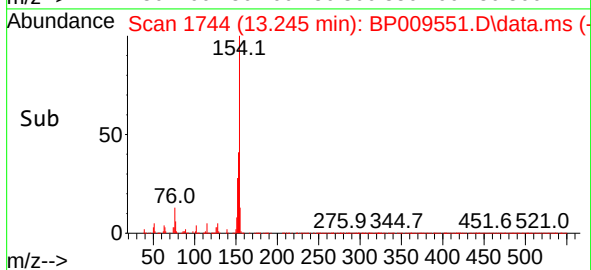
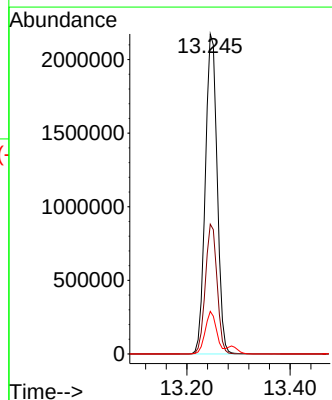
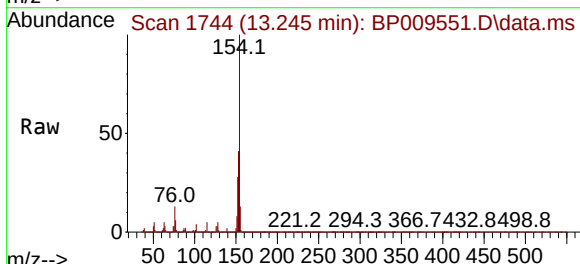
Instrument :  
BNA\_P  
ClientSampleId :  
PB143541BS

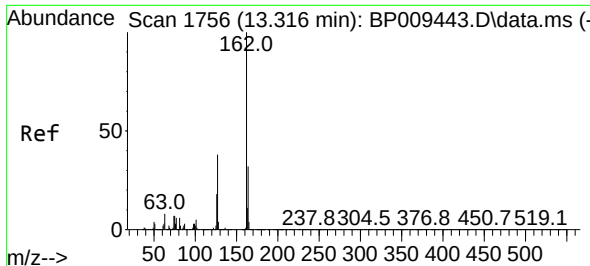
Tgt Ion:172 Resp: 6016540  
Ion Ratio Lower Upper  
172 100  
171 35.7 28.0 42.0  
170 23.5 18.6 27.8



#46  
1,1'-Biphenyl  
Concen: 46.191 ng  
RT: 13.245 min Scan# 1744  
Delta R.T. -0.006 min  
Lab File: BP009551.D  
Acq: 25 Mar 2022 14:20

Tgt Ion:154 Resp: 3452286  
Ion Ratio Lower Upper  
154 100  
153 40.6 20.2 60.2  
76 13.3 0.0 34.0

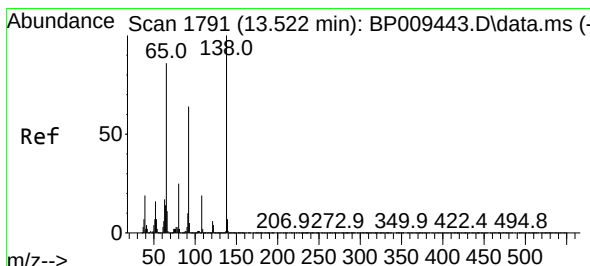
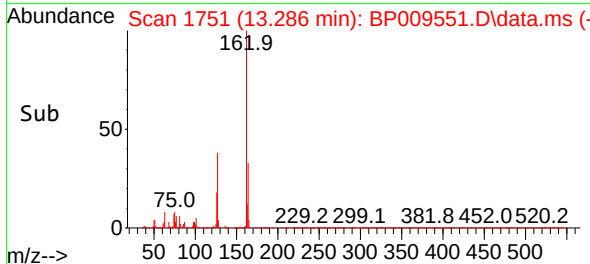
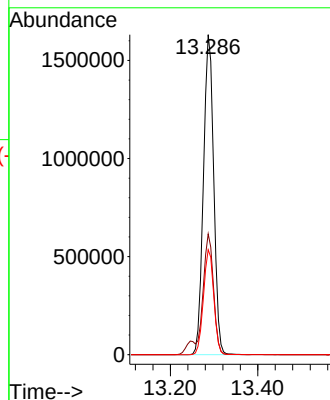
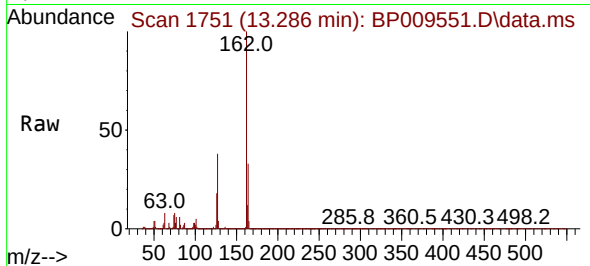




#47  
2-Chloronaphthalene  
Concen: 45.448 ng  
RT: 13.286 min Scan# 1751  
Delta R.T. -0.006 min  
Lab File: BP009551.D  
Acq: 25 Mar 2022 14:20

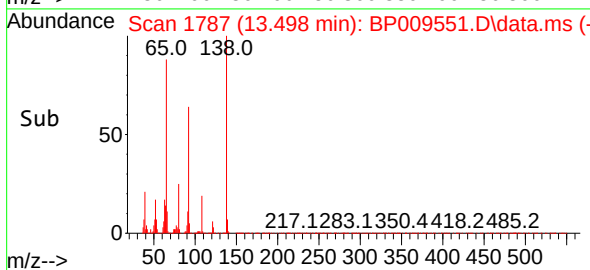
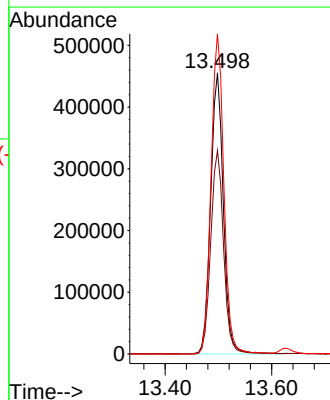
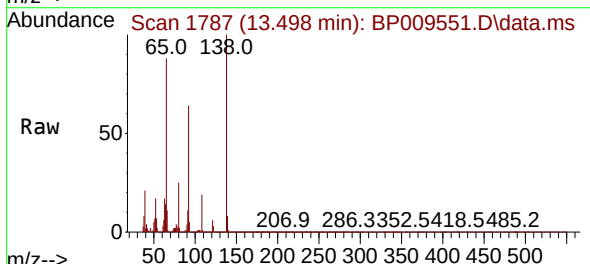
Instrument :  
BNA\_P  
ClientSampleId :  
PB143541BS

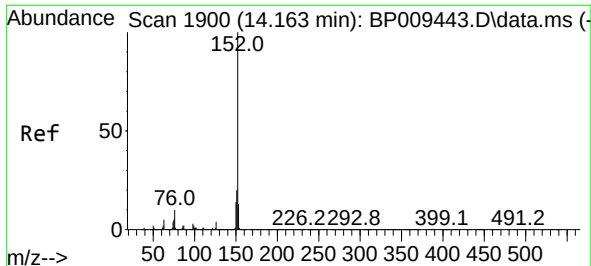
Tgt Ion:162 Resp: 2674274  
Ion Ratio Lower Upper  
162 100  
127 37.7 30.8 46.2  
164 32.8 26.3 39.5



#48  
2-Nitroaniline  
Concen: 47.128 ng  
RT: 13.498 min Scan# 1787  
Delta R.T. -0.000 min  
Lab File: BP009551.D  
Acq: 25 Mar 2022 14:20

Tgt Ion: 65 Resp: 755289  
Ion Ratio Lower Upper  
65 100  
92 72.4 56.9 85.3  
138 113.9 89.3 133.9

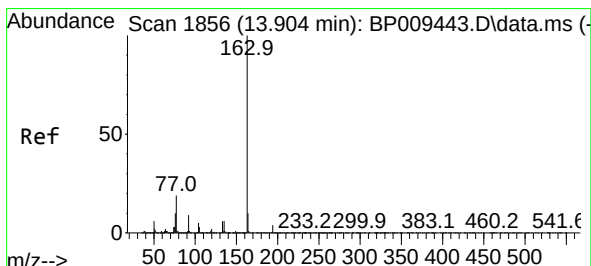
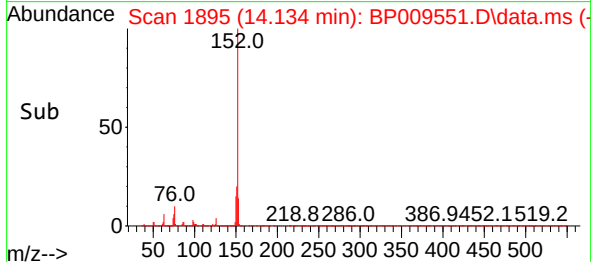
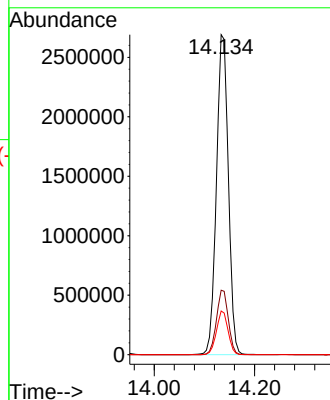
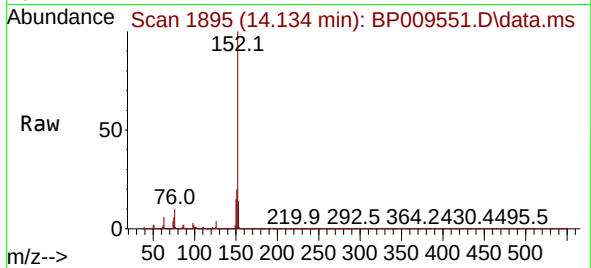




#49  
Acenaphthylene  
Concen: 48.802 ng  
RT: 14.134 min Scan# 1895  
Delta R.T. -0.006 min  
Lab File: BP009551.D  
Acq: 25 Mar 2022 14:20

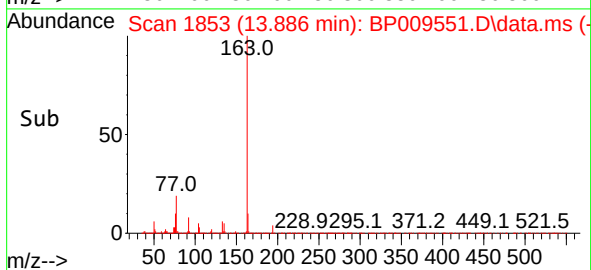
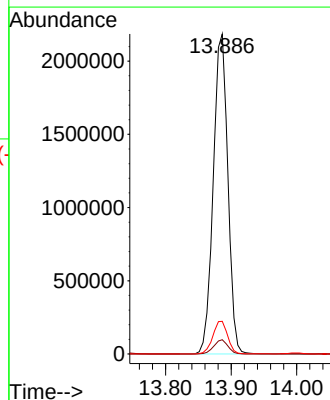
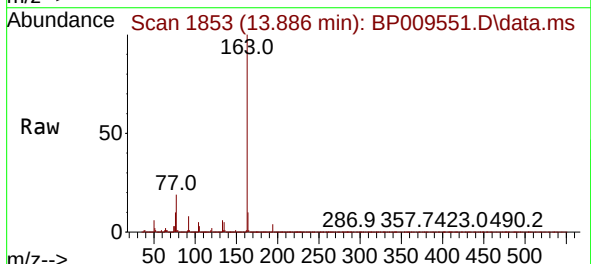
Instrument :  
BNA\_P  
ClientSampleId :  
PB143541BS

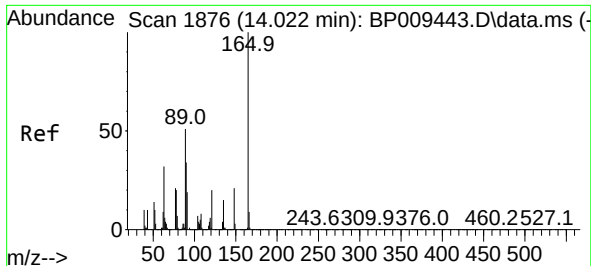
Tgt Ion:152 Resp: 4433040  
Ion Ratio Lower Upper  
152 100  
151 20.1 15.9 23.9  
153 13.7 10.7 16.1



#50  
Dimethylphthalate  
Concen: 44.414 ng  
RT: 13.886 min Scan# 1853  
Delta R.T. -0.000 min  
Lab File: BP009551.D  
Acq: 25 Mar 2022 14:20

Tgt Ion:163 Resp: 3371635  
Ion Ratio Lower Upper  
163 100  
194 4.4 3.4 5.0  
164 10.2 8.2 12.2

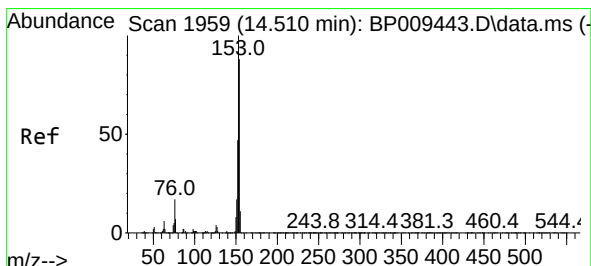
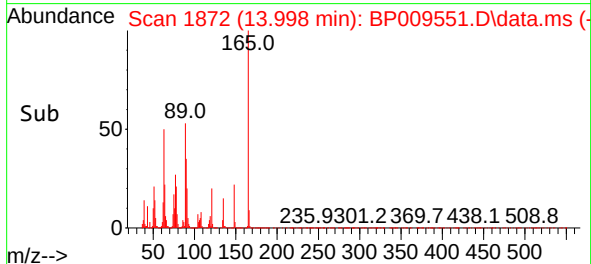
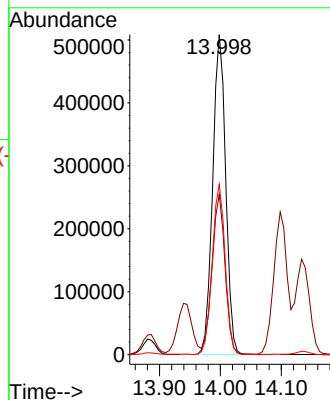
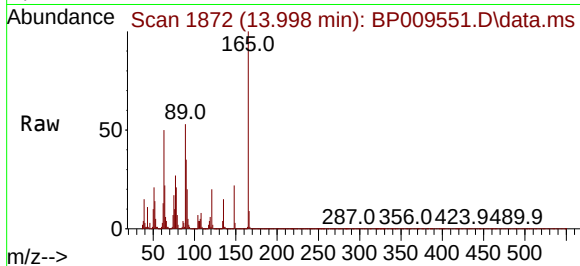




#51  
2,6-Dinitrotoluene  
Concen: 47.465 ng  
RT: 13.998 min Scan# 1876  
Delta R.T. -0.000 min  
Lab File: BP009551.D  
Acq: 25 Mar 2022 14:20

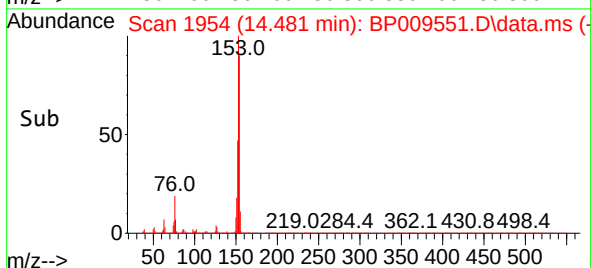
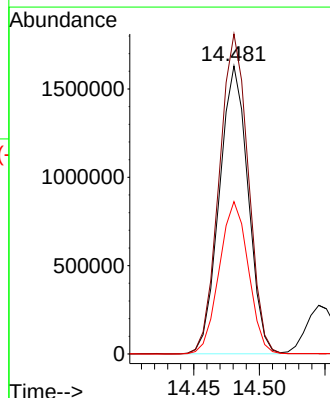
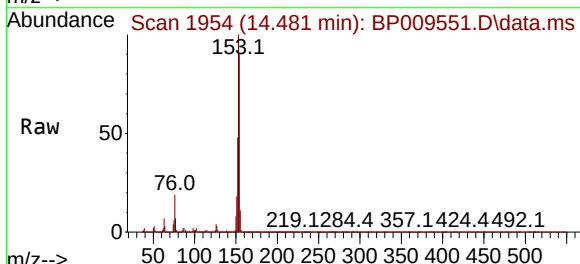
Instrument :  
BNA\_P  
ClientSampleId :  
PB143541BS

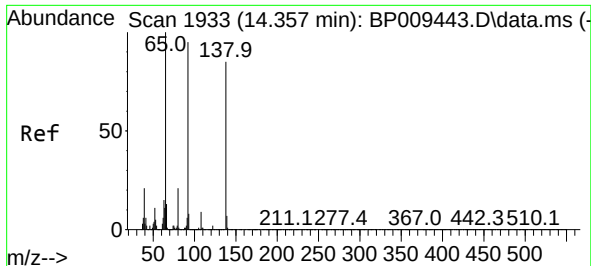
Tgt Ion:165 Resp: 754955  
Ion Ratio Lower Upper  
165 100  
63 50.0 40.9 61.3  
89 53.2 43.4 65.2



#52  
Acenaphthene  
Concen: 45.839 ng  
RT: 14.481 min Scan# 1954  
Delta R.T. -0.006 min  
Lab File: BP009551.D  
Acq: 25 Mar 2022 14:20

Tgt Ion:154 Resp: 2487321  
Ion Ratio Lower Upper  
154 100  
153 111.1 90.2 135.4  
152 52.9 42.7 64.1

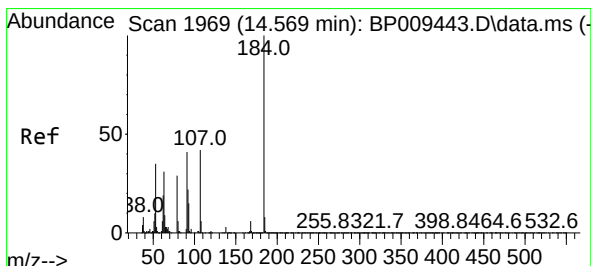
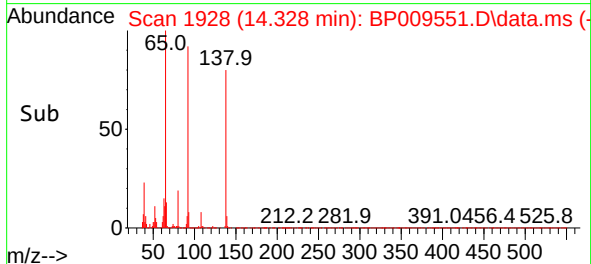
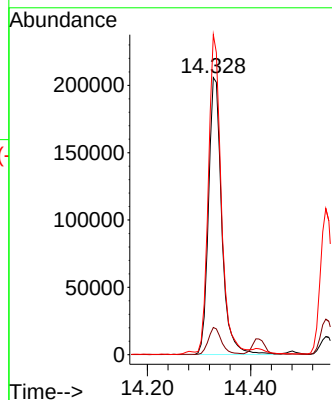
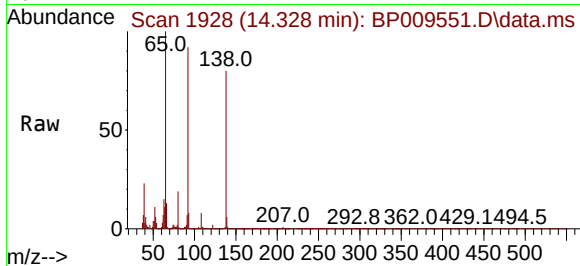




#53  
3-Nitroaniline  
Concen: 21.746 ng  
RT: 14.328 min Scan# 1933  
Delta R.T. -0.006 min  
Lab File: BP009551.D  
Acq: 25 Mar 2022 14:20

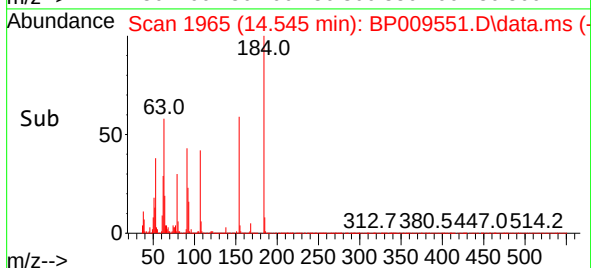
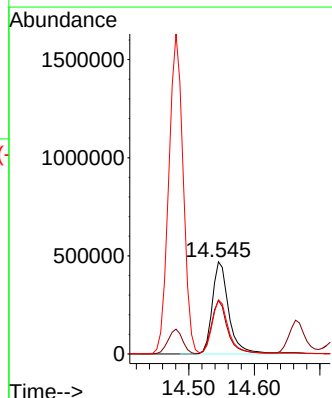
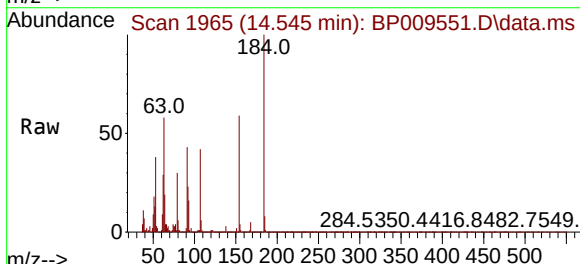
Instrument :  
BNA\_P  
ClientSampleId :  
PB143541BS

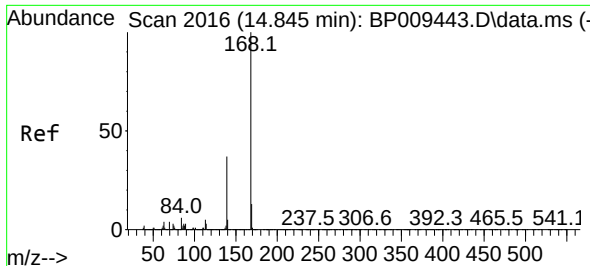
Tgt Ion:138 Resp: 365327  
Ion Ratio Lower Upper  
138 100  
108 9.8 9.7 14.5  
92 115.5 94.4 141.6



#54  
2,4-Dinitrophenol  
Concen: 82.717 ng  
RT: 14.545 min Scan# 1965  
Delta R.T. -0.006 min  
Lab File: BP009551.D  
Acq: 25 Mar 2022 14:20

Tgt Ion:184 Resp: 819138  
Ion Ratio Lower Upper  
184 100  
63 58.1 46.3 69.5  
154 58.7 45.8 68.6

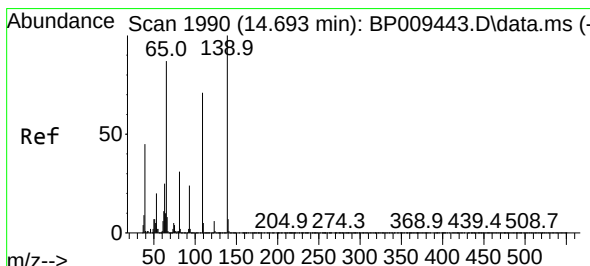
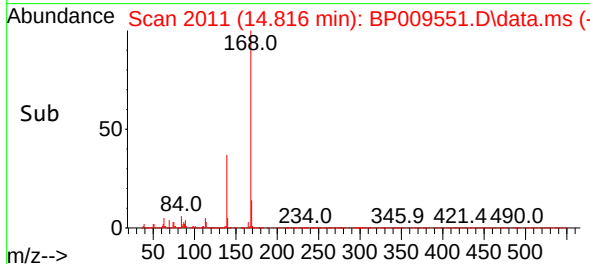
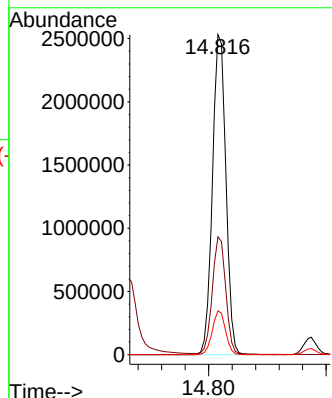
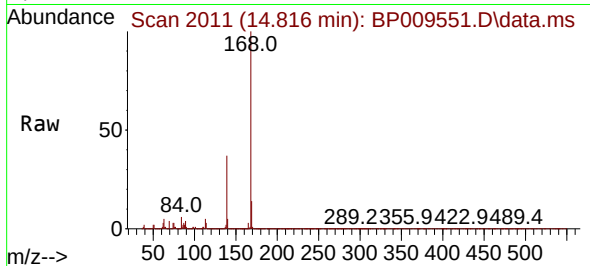




#55  
Dibenzenofuran  
Concen: 44.026 ng  
RT: 14.816 min Scan# 2016  
Delta R.T. -0.006 min  
Lab File: BP009551.D  
Acq: 25 Mar 2022 14:20

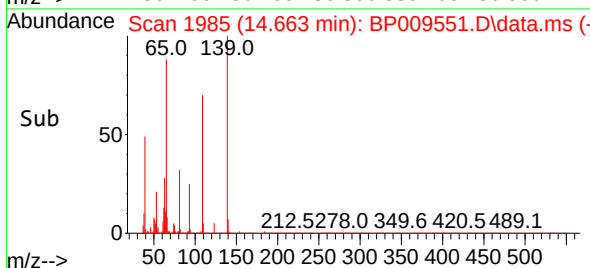
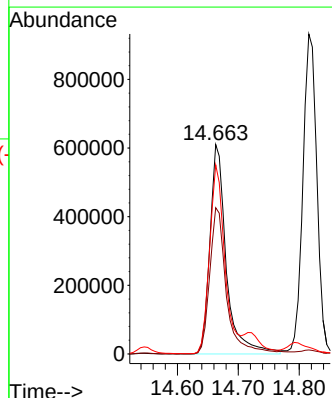
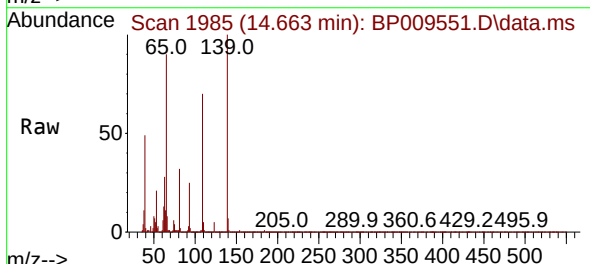
Instrument :  
BNA\_P  
ClientSampleId :  
PB143541BS

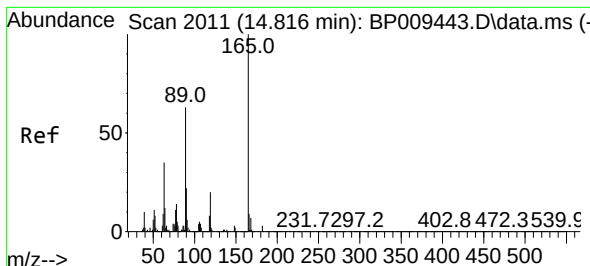
Tgt Ion:168 Resp: 4013404  
Ion Ratio Lower Upper  
168 100  
139 36.8 29.1 43.7  
169 13.7 10.6 16.0



#56  
4-Nitrophenol  
Concen: 91.240 ng  
RT: 14.663 min Scan# 1985  
Delta R.T. -0.006 min  
Lab File: BP009551.D  
Acq: 25 Mar 2022 14:20

Tgt Ion:139 Resp: 1142577  
Ion Ratio Lower Upper  
139 100  
109 69.8 51.2 91.2  
65 90.3 73.2 113.2

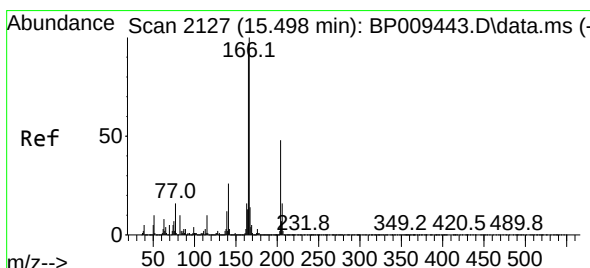
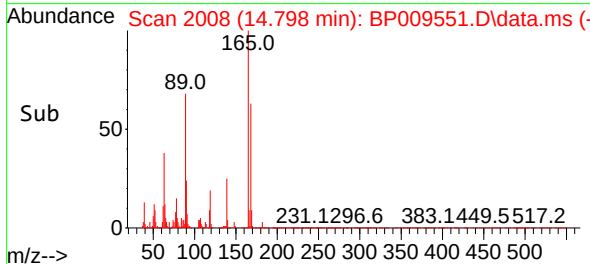
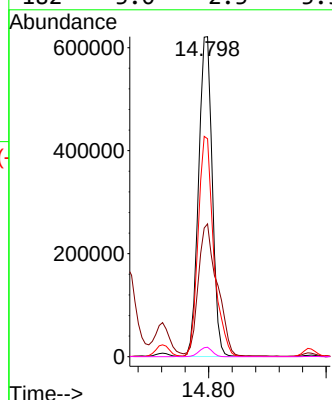
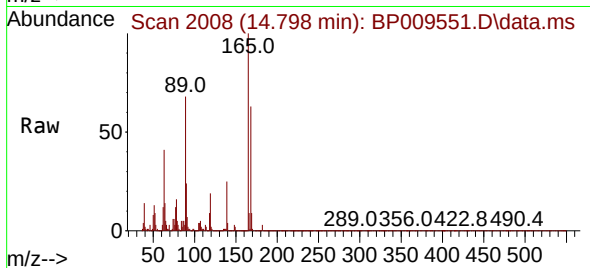




#57  
2,4-Dinitrotoluene  
Concen: 45.883 ng  
RT: 14.798 min Scan# 2011  
Delta R.T. -0.000 min  
Lab File: BP009551.D  
Acq: 25 Mar 2022 14:20

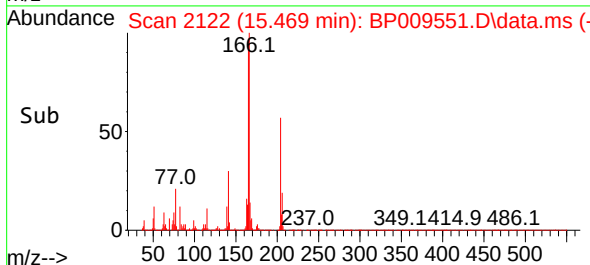
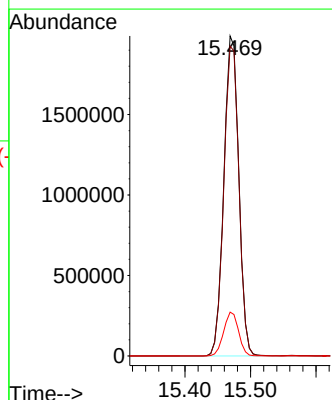
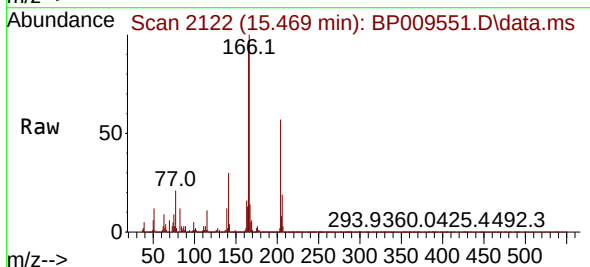
Instrument :  
BNA\_P  
ClientSampleId :  
PB143541BS

Tgt Ion:165 Resp: 1003473  
Ion Ratio Lower Upper  
165 100  
63 41.5 31.4 47.2  
89 68.1 55.9 83.9  
182 3.0 2.3 3.5

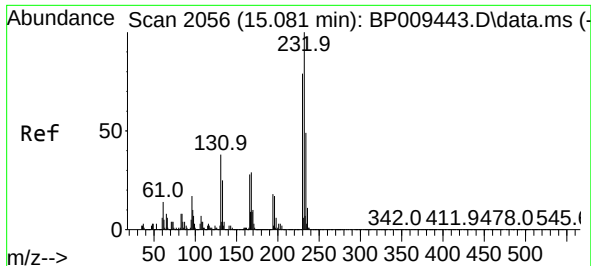


#58  
Fluorene  
Concen: 43.698 ng  
RT: 15.469 min Scan# 2122  
Delta R.T. -0.006 min  
Lab File: BP009551.D  
Acq: 25 Mar 2022 14:20

Tgt Ion:166 Resp: 3132922  
Ion Ratio Lower Upper  
166 100  
165 96.8 79.2 118.8  
167 13.7 10.7 16.1



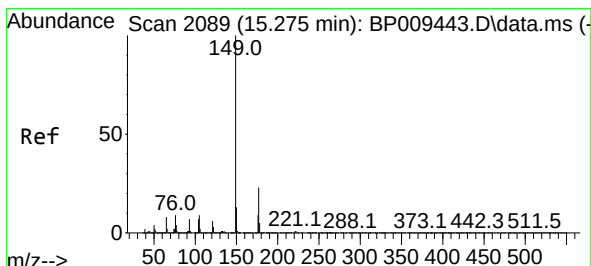
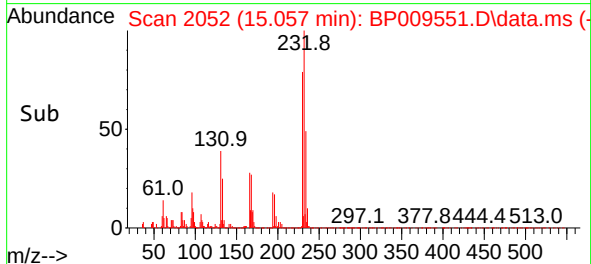
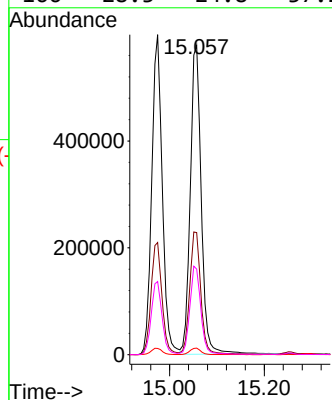
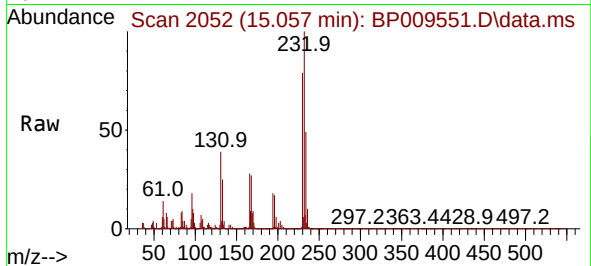




#59  
2,3,4,6-Tetrachlorophenol  
Concen: 42.901 ng  
RT: 15.057 min Scan# 2052  
Delta R.T. -0.000 min  
Lab File: BP009551.D  
Acq: 25 Mar 2022 14:20

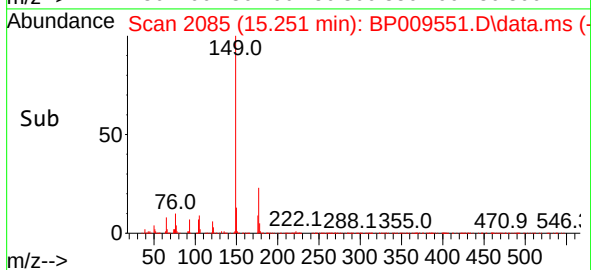
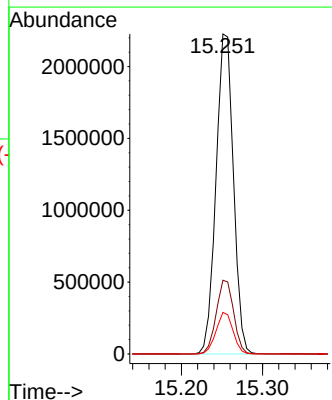
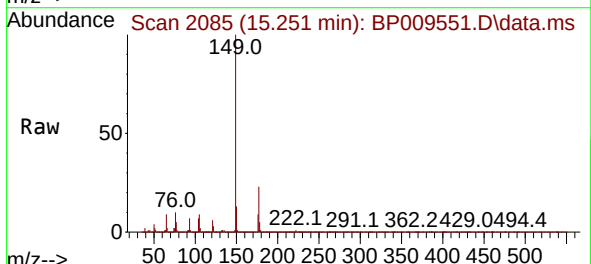
Instrument :  
BNA\_P  
ClientSampleId :  
PB143541BS

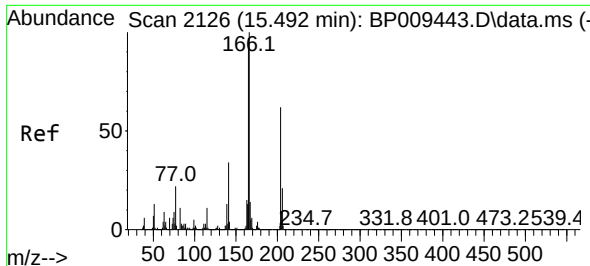
|             |       |           |
|-------------|-------|-----------|
| Tgt Ion:232 | Resp: | 930545    |
| Ion Ratio   | Lower | Upper     |
| 232         | 100   |           |
| 131         | 40.1  | 35.5 53.3 |
| 130         | 2.1   | 1.8 2.8   |
| 166         | 28.3  | 24.8 37.2 |



#60  
Diethylphthalate  
Concen: 43.726 ng  
RT: 15.251 min Scan# 2085  
Delta R.T. -0.000 min  
Lab File: BP009551.D  
Acq: 25 Mar 2022 14:20

|             |       |           |
|-------------|-------|-----------|
| Tgt Ion:149 | Resp: | 3322172   |
| Ion Ratio   | Lower | Upper     |
| 149         | 100   |           |
| 177         | 23.0  | 18.2 27.2 |
| 150         | 13.0  | 9.9 14.9  |

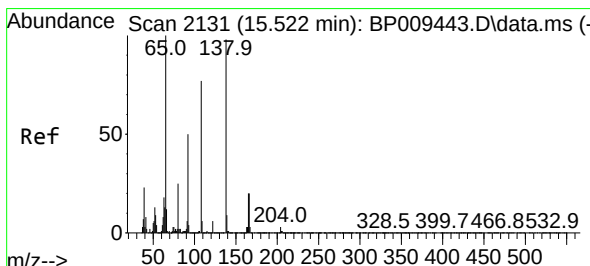
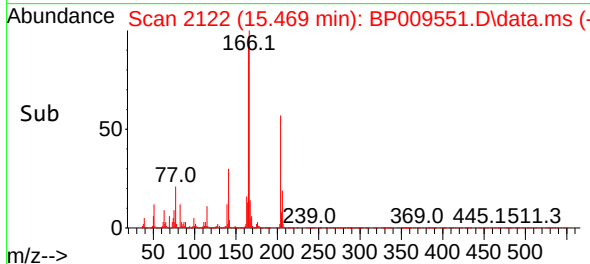
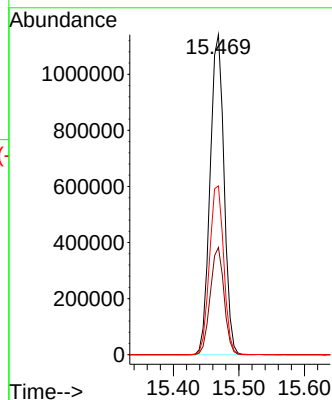
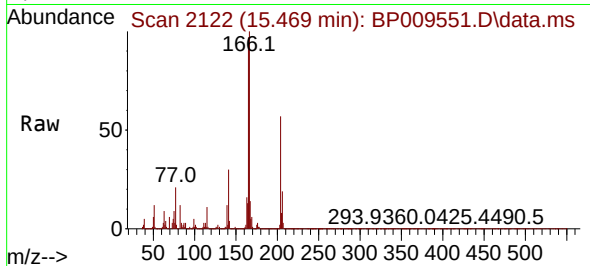




#61  
4-Chlorophenyl-phenylether  
Concen: 42.748 ng  
RT: 15.469 min Scan# 2122  
Delta R.T. -0.000 min  
Lab File: BP009551.D  
Acq: 25 Mar 2022 14:20

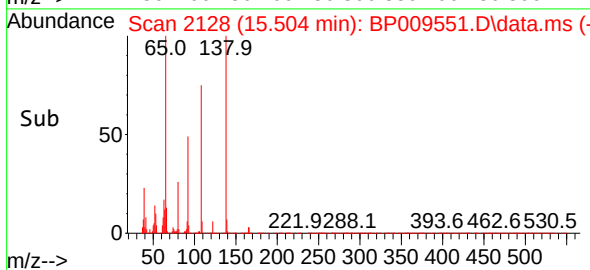
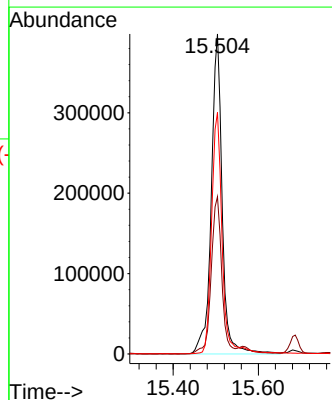
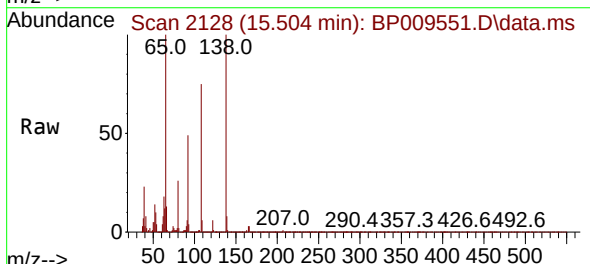
Instrument :  
BNA\_P  
ClientSampleId :  
PB143541BS

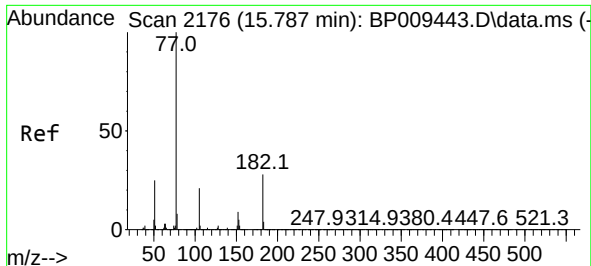
Tgt Ion:204 Resp: 1688276  
Ion Ratio Lower Upper  
204 100  
206 33.5 26.0 39.0  
141 52.7 45.9 68.9



#62  
4-Nitroaniline  
Concen: 40.156 ng  
RT: 15.504 min Scan# 2128  
Delta R.T. 0.006 min  
Lab File: BP009551.D  
Acq: 25 Mar 2022 14:20

Tgt Ion:138 Resp: 708481  
Ion Ratio Lower Upper  
138 100  
92 49.2 31.2 71.2  
108 75.4 54.3 94.3

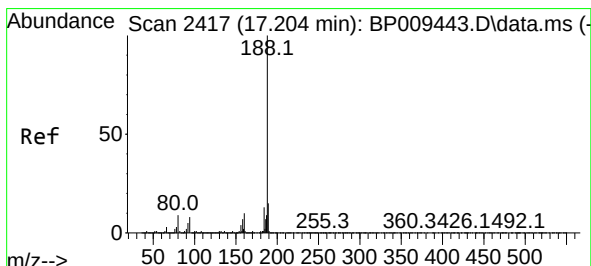
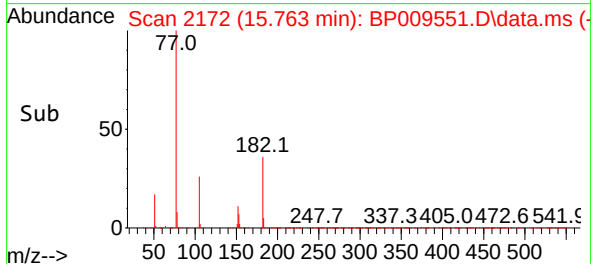
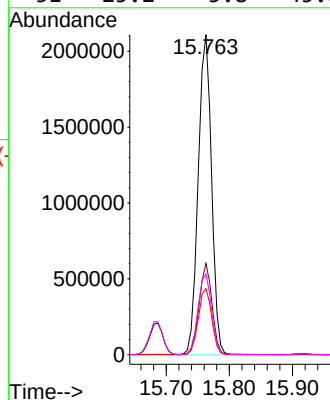
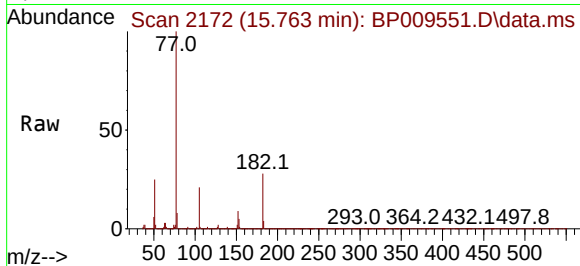




#63  
Azobenzene  
Concen: 46.587 ng  
RT: 15.763 min Scan# 2172  
Delta R.T. -0.000 min  
Lab File: BP009551.D  
Acq: 25 Mar 2022 14:20

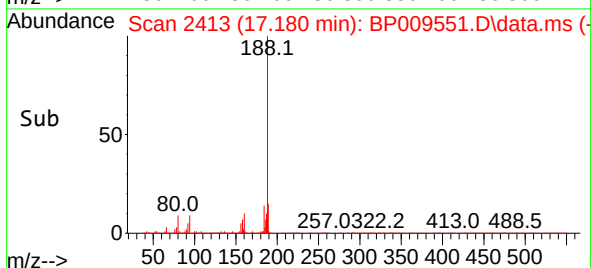
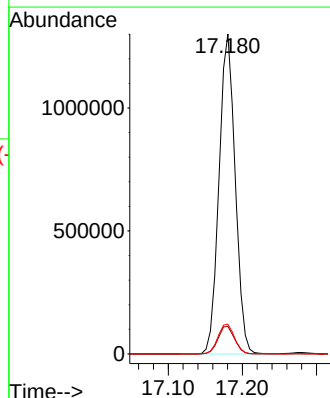
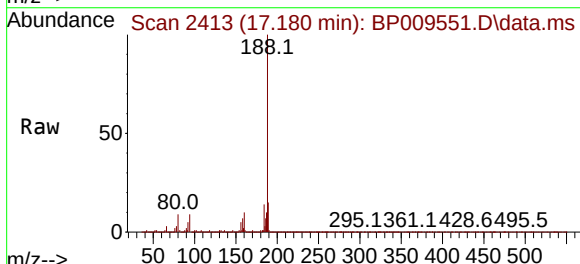
Instrument :  
BNA\_P  
ClientSampleId :  
PB143541BS

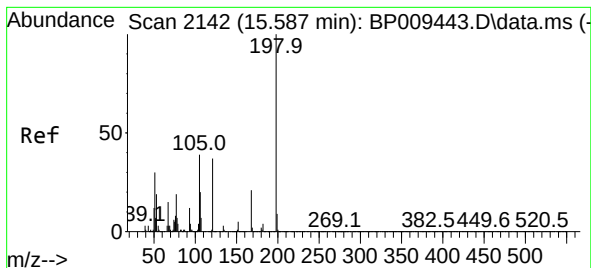
Tgt Ion: 77 Resp: 3079087  
Ion Ratio Lower Upper  
77 100  
182 28.5 5.4 45.4  
105 20.7 0.3 40.3  
51 25.2 5.8 45.8



#64  
Phenanthrene-d10  
Concen: 20.000 ng  
RT: 17.180 min Scan# 2413  
Delta R.T. -0.006 min  
Lab File: BP009551.D  
Acq: 25 Mar 2022 14:20

Tgt Ion: 188 Resp: 1973041  
Ion Ratio Lower Upper  
188 100  
94 8.6 7.9 11.9  
80 9.3 8.8 13.2

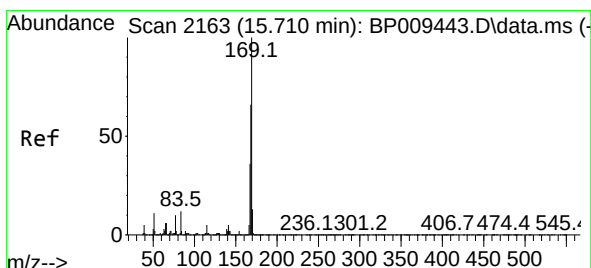
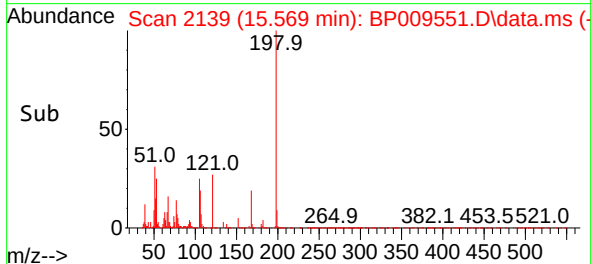
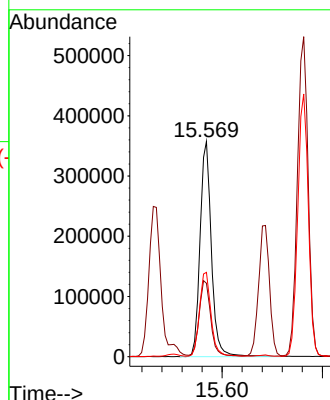
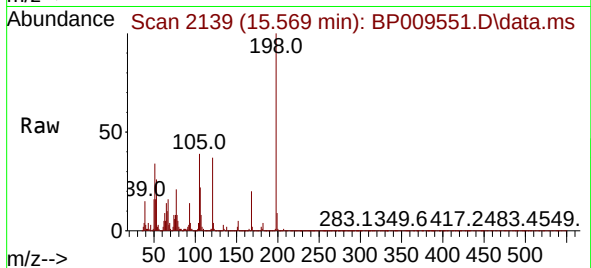




#65  
4,6-Dinitro-2-methylphenol  
Concen: 43.948 ng  
RT: 15.569 min Scan# 2119  
Delta R.T. -0.000 min  
Lab File: BP009551.D  
Acq: 25 Mar 2022 14:20

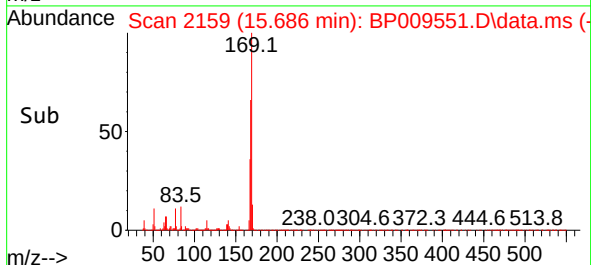
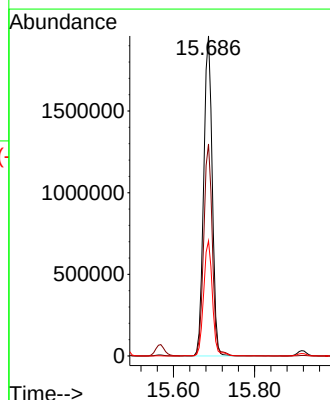
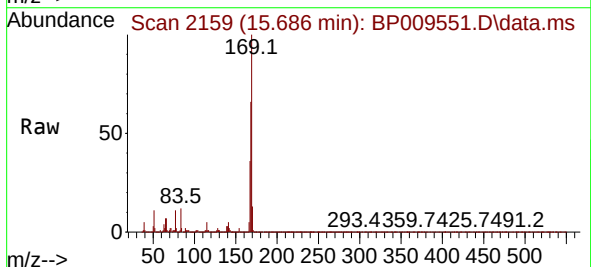
Instrument :  
BNA\_P  
ClientSampleId :  
PB143541BS

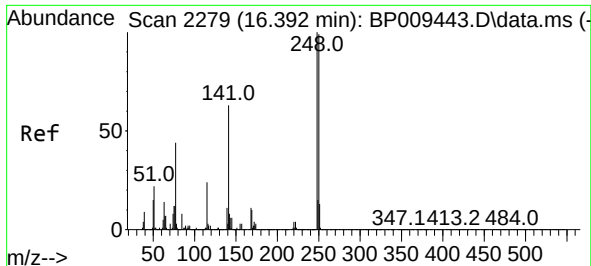
Tgt Ion:198 Resp: 557581  
Ion Ratio Lower Upper  
198 100  
51 34.1 17.7 57.7  
105 39.2 23.2 63.2



#66  
n-Nitrosodiphenylamine  
Concen: 48.659 ng  
RT: 15.686 min Scan# 2159  
Delta R.T. -0.000 min  
Lab File: BP009551.D  
Acq: 25 Mar 2022 14:20

Tgt Ion:169 Resp: 2841103  
Ion Ratio Lower Upper  
169 100  
168 66.3 51.6 77.4  
167 36.0 29.0 43.4

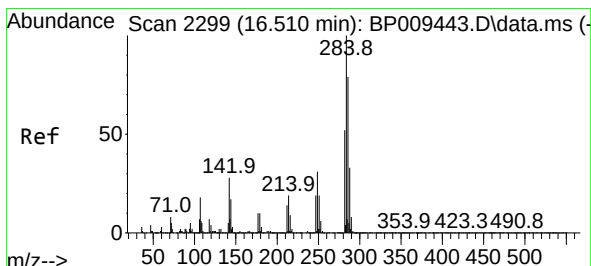
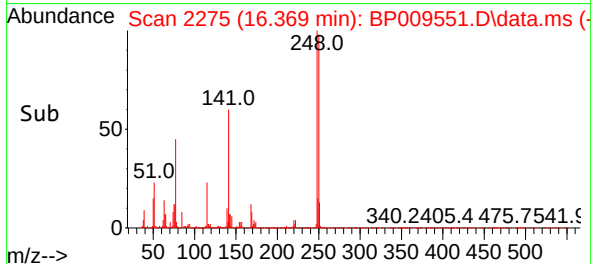
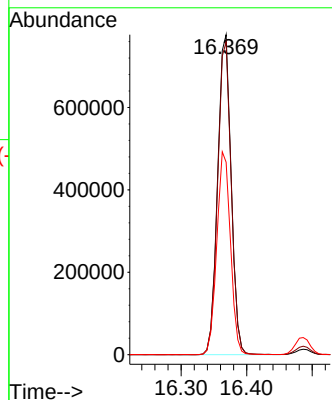
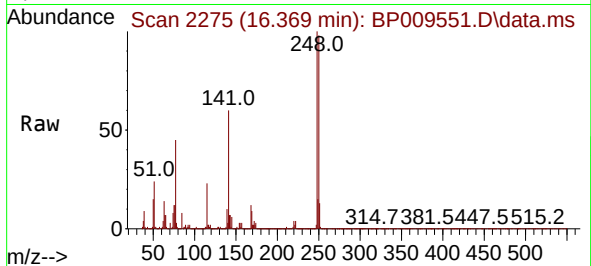




#67  
4-Bromophenyl-phenylether  
Concen: 45.872 ng  
RT: 16.369 min Scan# 211  
Delta R.T. -0.000 min  
Lab File: BP009551.D  
Acq: 25 Mar 2022 14:20

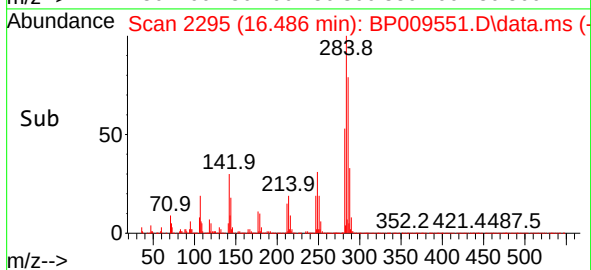
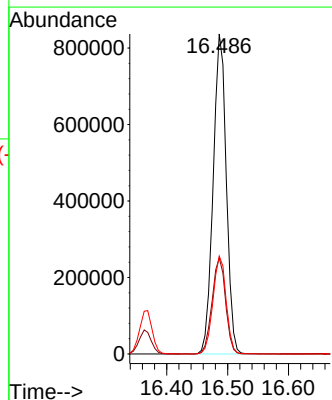
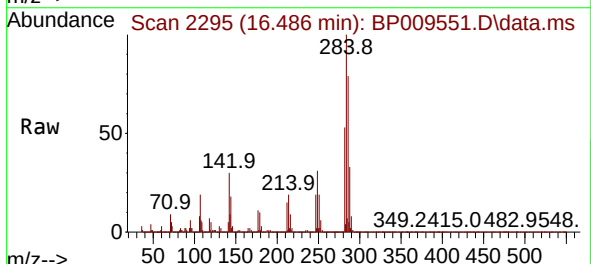
Instrument :  
BNA\_P  
ClientSampleId :  
PB143541BS

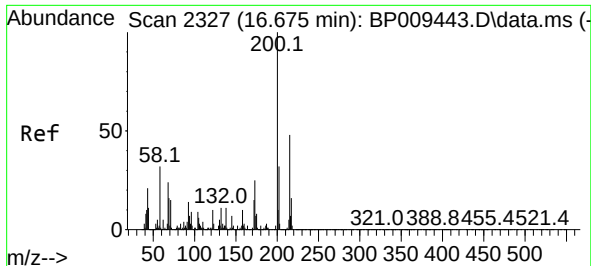
Tgt Ion:248 Resp: 1107499  
Ion Ratio Lower Upper  
248 100  
250 97.7 77.7 116.5  
141 60.1 58.3 87.5



#68  
Hexachlorobenzene  
Concen: 45.063 ng  
RT: 16.486 min Scan# 2295  
Delta R.T. -0.006 min  
Lab File: BP009551.D  
Acq: 25 Mar 2022 14:20

Tgt Ion:284 Resp: 1252141  
Ion Ratio Lower Upper  
284 100  
142 30.0 26.8 40.2  
249 30.6 24.6 37.0

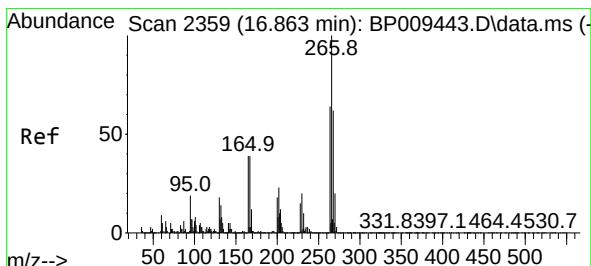
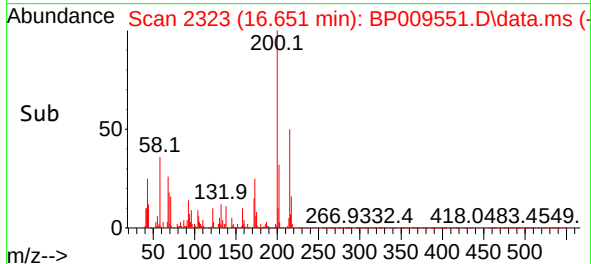
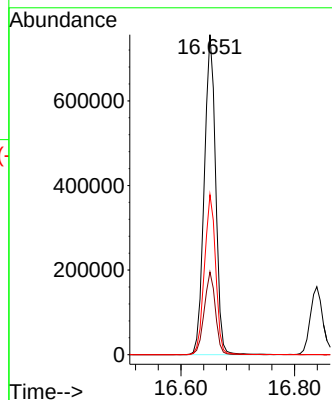
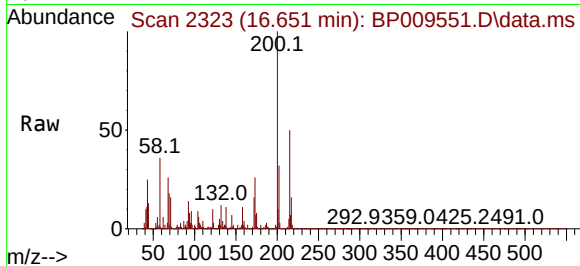




#69  
Atrazine  
Concen: 51.052 ng  
RT: 16.651 min Scan# 21  
Delta R.T. -0.000 min  
Lab File: BP009551.D  
Acq: 25 Mar 2022 14:20

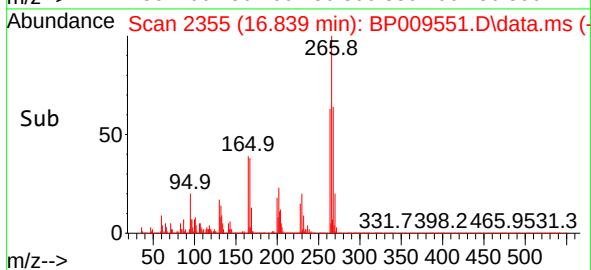
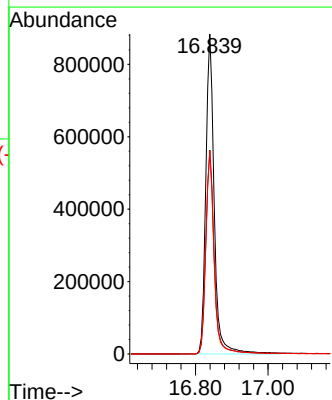
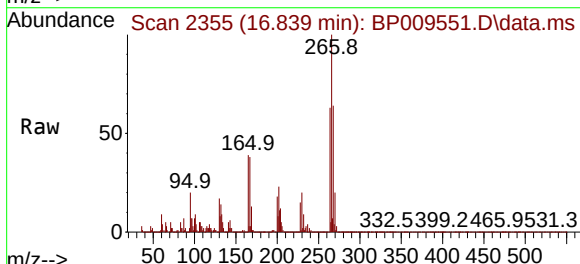
Instrument :  
BNA\_P  
ClientSampleId :  
PB143541BS

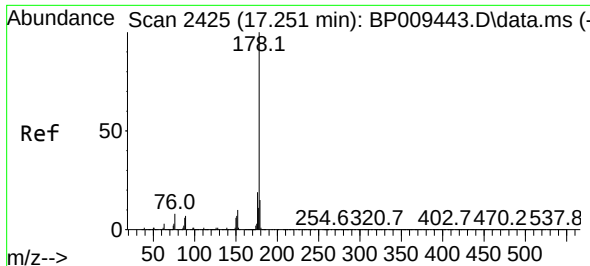
Tgt Ion:200 Resp: 1048016  
Ion Ratio Lower Upper  
200 100  
173 25.8 6.2 46.2  
215 50.0 28.5 68.5



#70  
Pentachlorophenol  
Concen: 95.819 ng  
RT: 16.839 min Scan# 2355  
Delta R.T. -0.006 min  
Lab File: BP009551.D  
Acq: 25 Mar 2022 14:20

Tgt Ion:266 Resp: 1423251  
Ion Ratio Lower Upper  
266 100  
268 63.7 49.8 74.8  
264 63.4 50.9 76.3

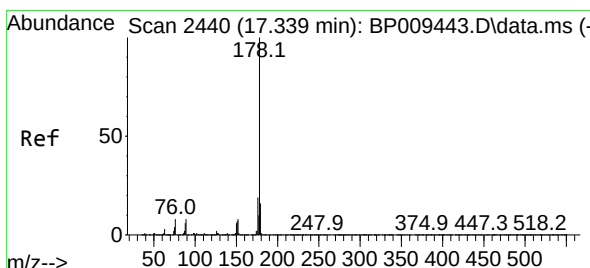
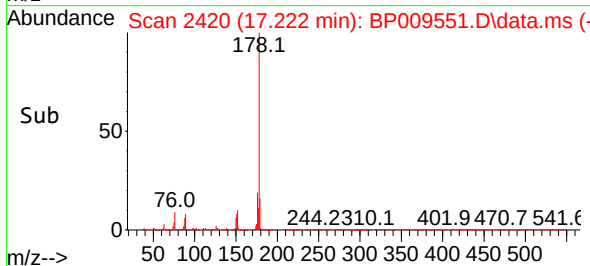
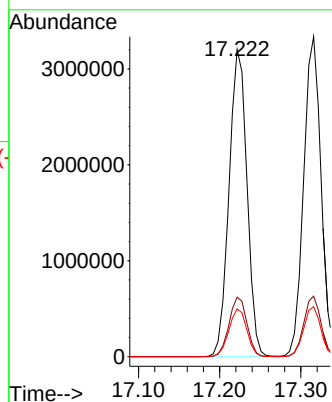
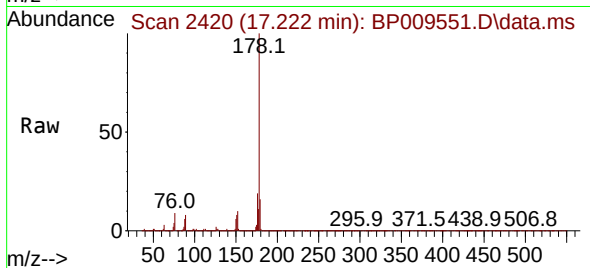




#71  
Phenanthrene  
Concen: 46.547 ng  
RT: 17.222 min Scan# 2425  
Delta R.T. -0.006 min  
Lab File: BP009551.D  
Acq: 25 Mar 2022 14:20

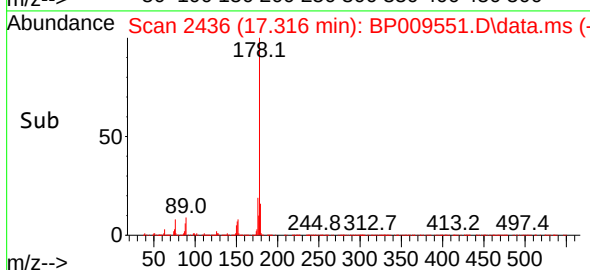
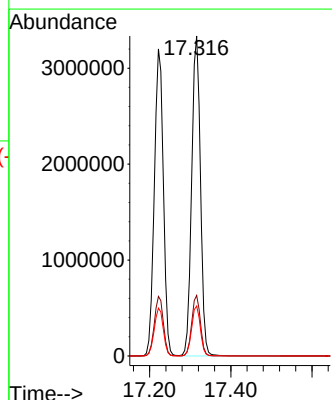
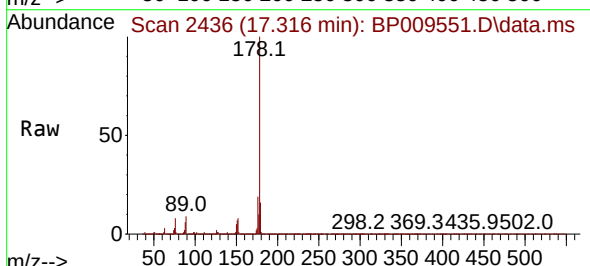
Instrument :  
BNA\_P  
ClientSampleId :  
PB143541BS

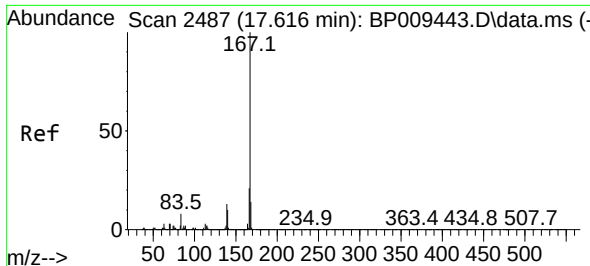
Tgt Ion:178 Resp: 4916194  
Ion Ratio Lower Upper  
178 100  
176 19.4 15.4 23.2  
179 15.6 12.3 18.5



#72  
Anthracene  
Concen: 47.881 ng  
RT: 17.316 min Scan# 2436  
Delta R.T. -0.000 min  
Lab File: BP009551.D  
Acq: 25 Mar 2022 14:20

Tgt Ion:178 Resp: 4992997  
Ion Ratio Lower Upper  
178 100  
176 18.9 14.8 22.2  
179 15.6 12.2 18.4

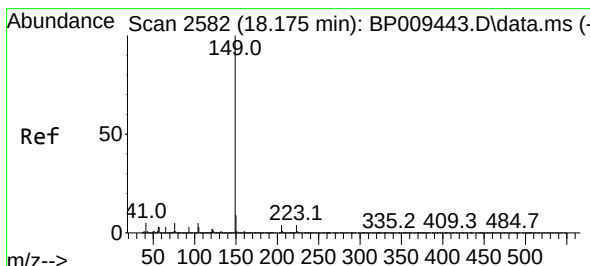
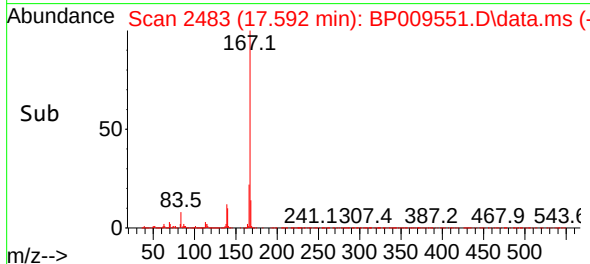
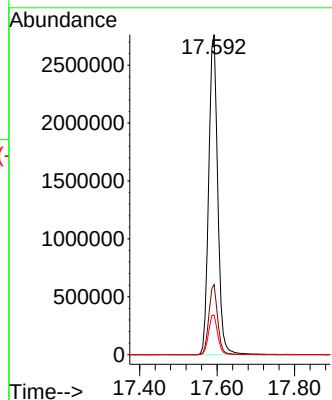
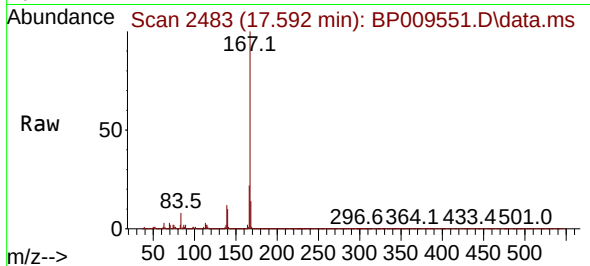




#73  
 Carbazole  
 Concen: 43.730 ng  
 RT: 17.592 min Scan# 24  
 Delta R.T. -0.000 min  
 Lab File: BP009551.D  
 Acq: 25 Mar 2022 14:20

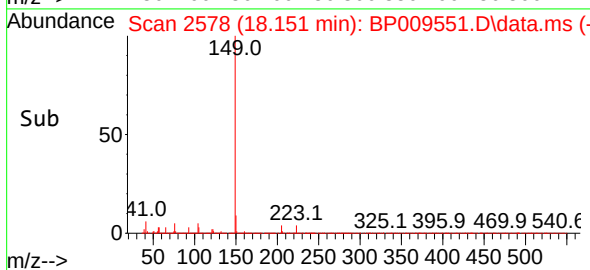
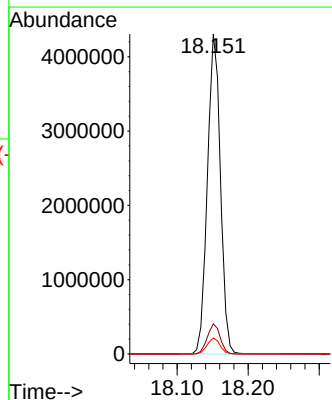
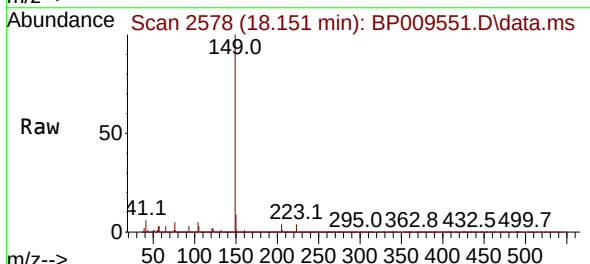
Instrument :  
 BNA\_P  
 ClientSampleId :  
 PB143541BS

Tgt Ion:167 Resp: 4459719  
 Ion Ratio Lower Upper  
 167 100  
 166 21.9 17.2 25.8  
 139 12.4 10.3 15.5

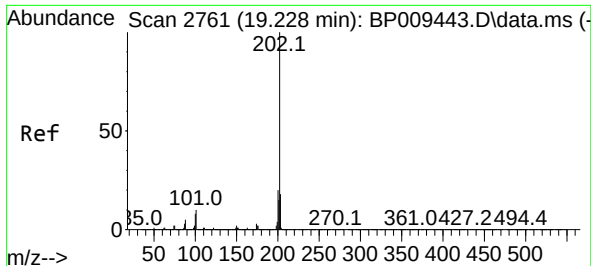


#74  
 Di-n-butylphthalate  
 Concen: 45.921 ng  
 RT: 18.151 min Scan# 2578  
 Delta R.T. -0.006 min  
 Lab File: BP009551.D  
 Acq: 25 Mar 2022 14:20

Tgt Ion:149 Resp: 5487824  
 Ion Ratio Lower Upper  
 149 100  
 150 9.4 7.3 10.9  
 104 5.0 4.2 6.2



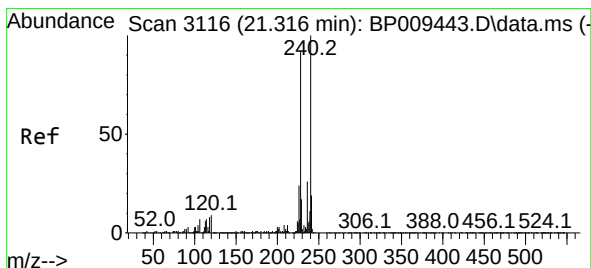
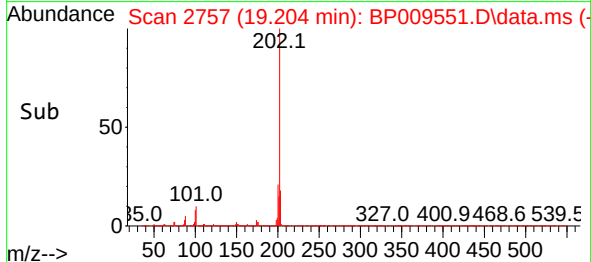
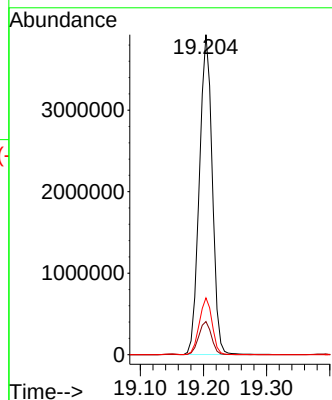
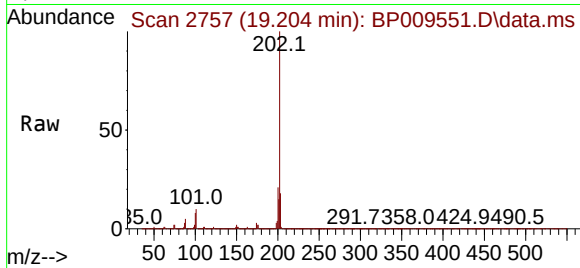




#75  
Fluoranthene  
Concen: 43.411 ng  
RT: 19.204 min Scan# 21  
Delta R.T. -0.006 min  
Lab File: BP009551.D  
Acq: 25 Mar 2022 14:20

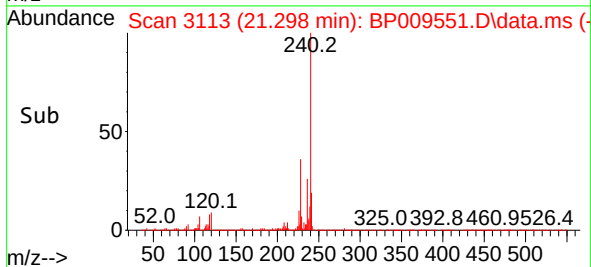
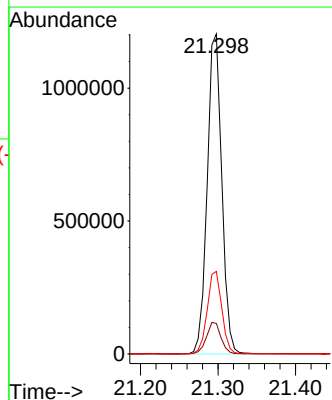
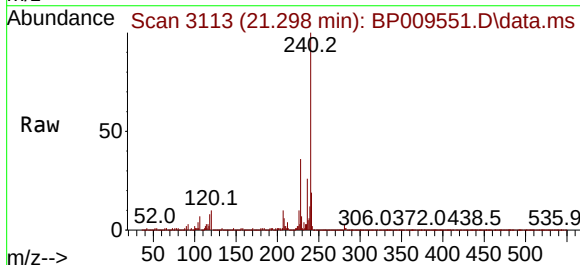
Instrument :  
BNA\_P  
ClientSampleId :  
PB143541BS

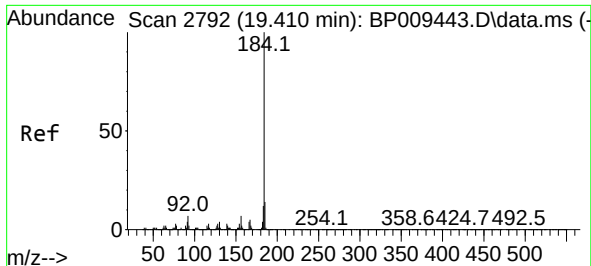
Tgt Ion:202 Resp: 5550747  
Ion Ratio Lower Upper  
202 100  
101 10.4 0.0 31.5  
203 17.8 0.0 37.8



#76  
Chrysene-d12  
Concen: 20.000 ng  
RT: 21.298 min Scan# 3113  
Delta R.T. -0.000 min  
Lab File: BP009551.D  
Acq: 25 Mar 2022 14:20

Tgt Ion:240 Resp: 1571101  
Ion Ratio Lower Upper  
240 100  
120 9.5 9.0 13.4  
236 25.8 20.6 30.8

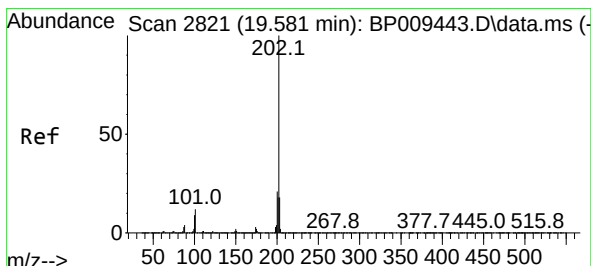
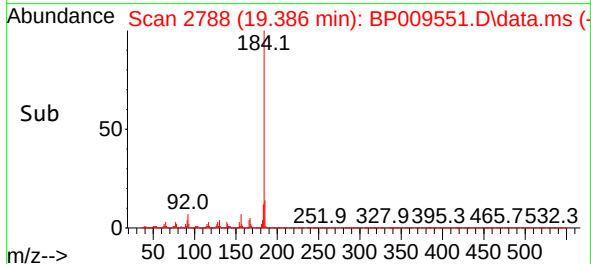
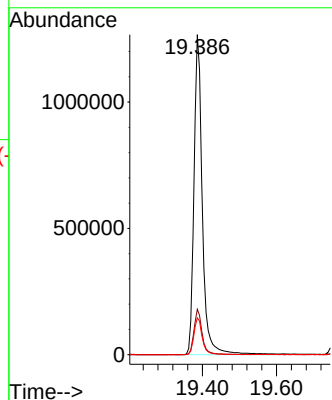
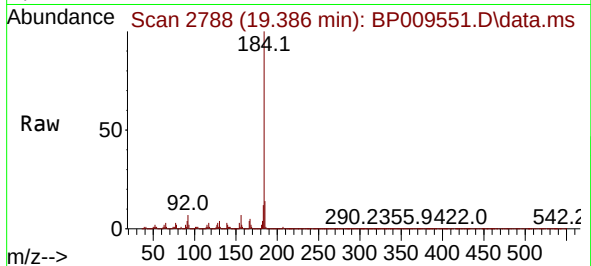




#77  
Benzidine  
Concen: 51.529 ng  
RT: 19.386 min Scan# 21  
Delta R.T. -0.006 min  
Lab File: BP009551.D  
Acq: 25 Mar 2022 14:20

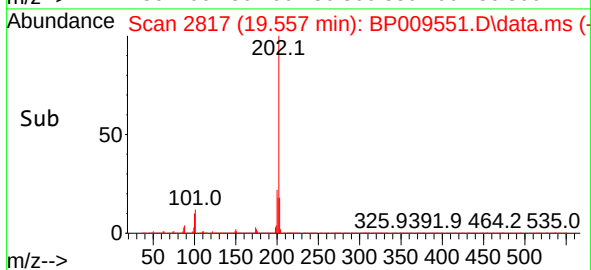
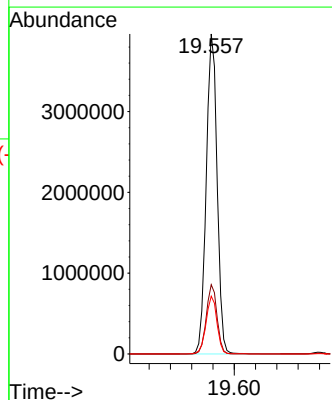
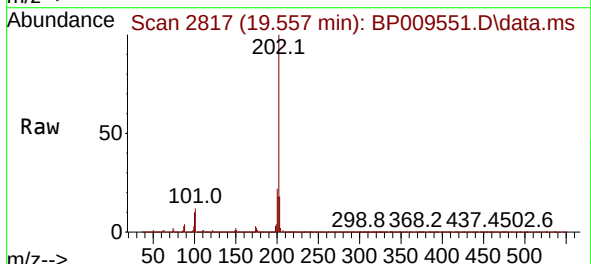
Instrument :  
BNA\_P  
ClientSampleId :  
PB143541BS

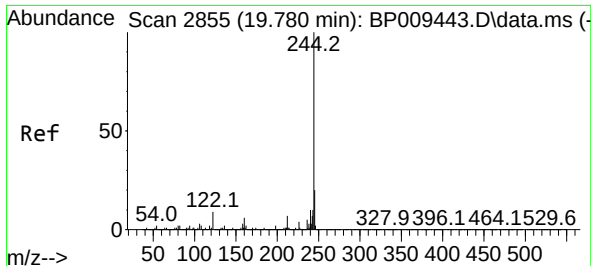
Tgt Ion:184 Resp: 1984377  
Ion Ratio Lower Upper  
184 100  
185 14.2 11.5 17.3  
183 11.5 9.4 14.0



#78  
Pyrene  
Concen: 53.981 ng  
RT: 19.557 min Scan# 2817  
Delta R.T. -0.006 min  
Lab File: BP009551.D  
Acq: 25 Mar 2022 14:20

Tgt Ion:202 Resp: 5588629  
Ion Ratio Lower Upper  
202 100  
200 21.6 16.8 25.2  
203 18.0 14.2 21.4



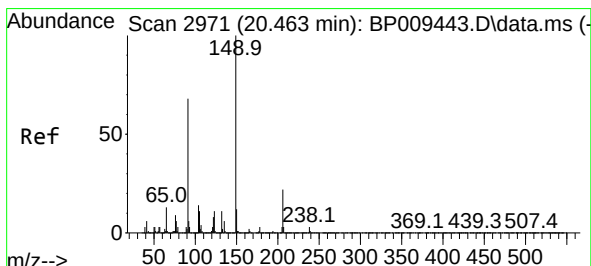
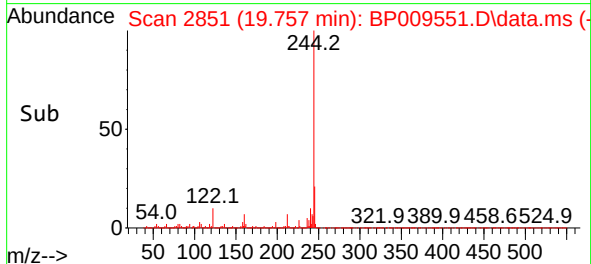
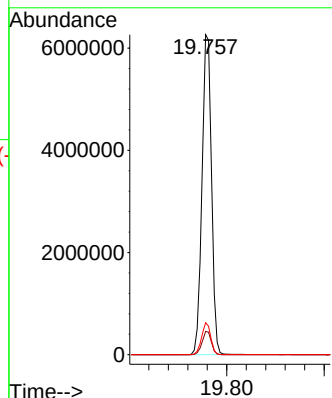
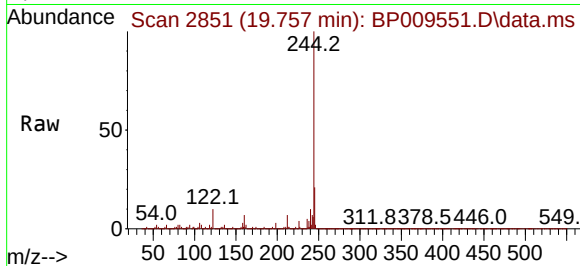


#79  
 Terphenyl-d14  
 Concen: 97.649 ng  
 RT: 19.757 min Scan# 2855  
 Delta R.T. -0.006 min  
 Lab File: BP009551.D  
 Acq: 25 Mar 2022 14:20

Instrument :  
 BNA\_P  
 ClientSampleId :  
 PB143541BS

Tgt Ion:244 Resp: 8547400  

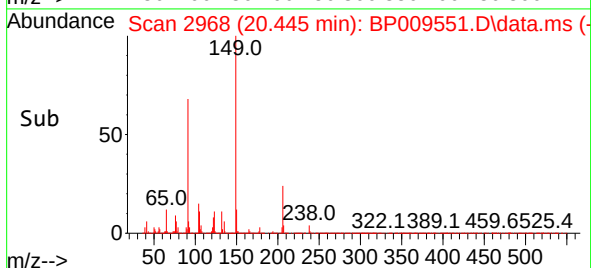
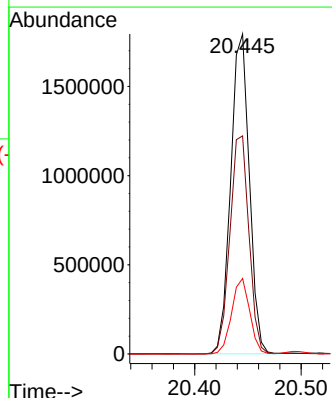
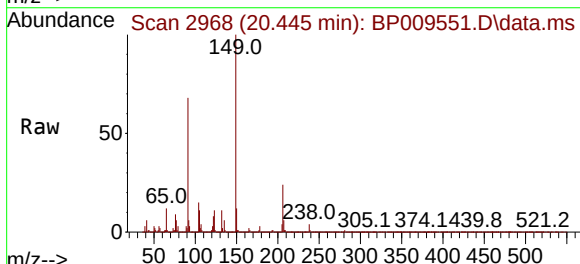
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 244 | 100   |       |       |
| 212 | 7.3   | 5.8   | 8.6   |
| 122 | 10.0  | 8.3   | 12.5  |

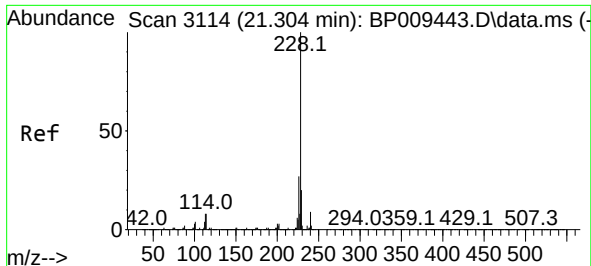


#80  
 Butylbenzylphthalate  
 Concen: 49.595 ng  
 RT: 20.445 min Scan# 2968  
 Delta R.T. -0.000 min  
 Lab File: BP009551.D  
 Acq: 25 Mar 2022 14:20

Tgt Ion:149 Resp: 2182364  

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 149 | 100   |       |       |
| 91  | 68.2  | 57.9  | 86.9  |
| 206 | 23.6  | 16.9  | 25.3  |

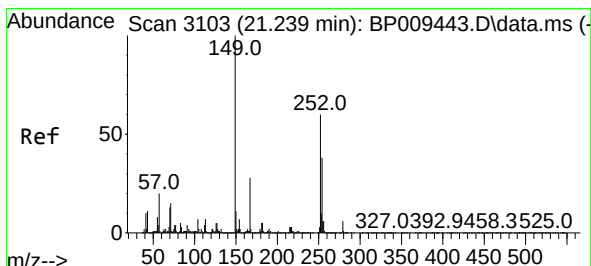
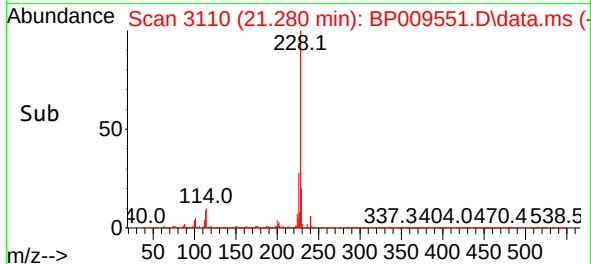
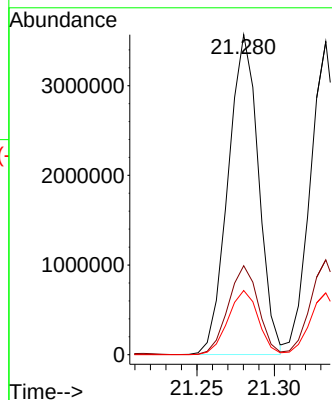
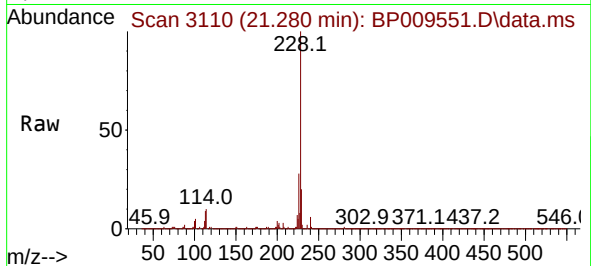




#81  
Benzo(a)anthracene  
Concen: 47.214 ng  
RT: 21.280 min Scan# 3114  
Delta R.T. -0.006 min  
Lab File: BP009551.D  
Acq: 25 Mar 2022 14:20

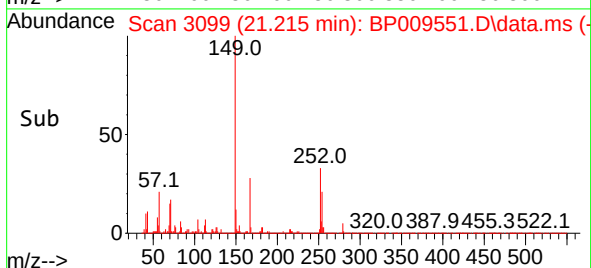
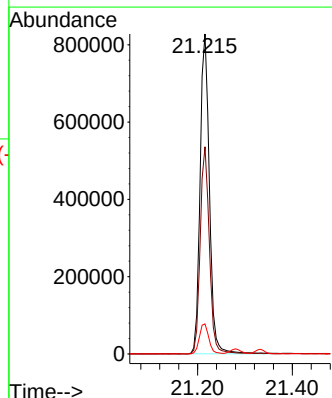
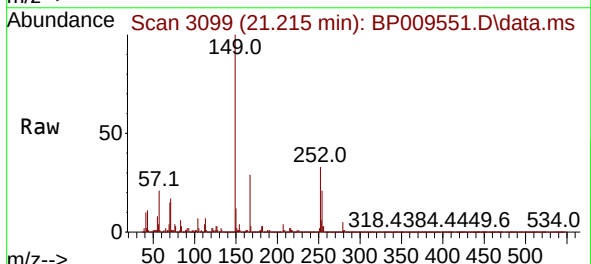
Instrument :  
BNA\_P  
ClientSampleId :  
PB143541BS

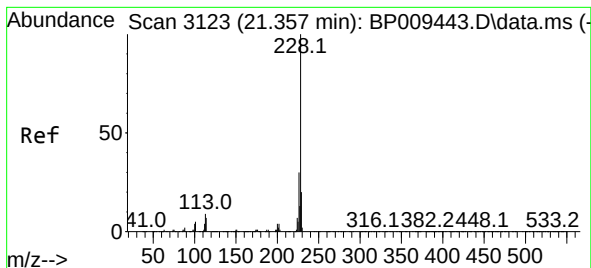
Tgt Ion:228 Resp: 4873424  
Ion Ratio Lower Upper  
228 100  
226 27.8 22.0 33.0  
229 20.1 16.1 24.1



#82  
3,3'-Dichlorobenzidine  
Concen: 28.281 ng  
RT: 21.215 min Scan# 3099  
Delta R.T. -0.000 min  
Lab File: BP009551.D  
Acq: 25 Mar 2022 14:20

Tgt Ion:252 Resp: 1127728  
Ion Ratio Lower Upper  
252 100  
254 64.8 50.7 76.1  
126 9.4 8.9 13.3





#83

Chrysene

Concen: 46.292 ng

RT: 21.333 min Scan# 31

Delta R.T. -0.000 min

Lab File: BP009551.D

Acq: 25 Mar 2022 14:20

Instrument :

BNA\_P

ClientSampleId :

PB143541BS

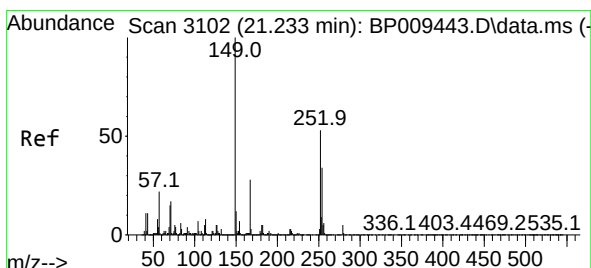
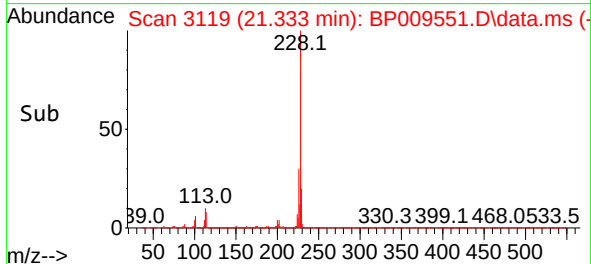
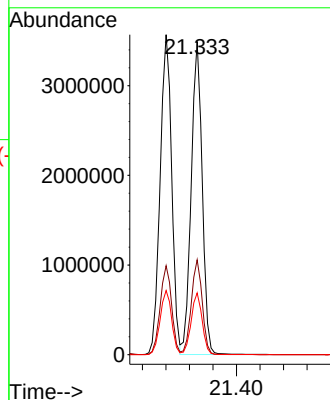
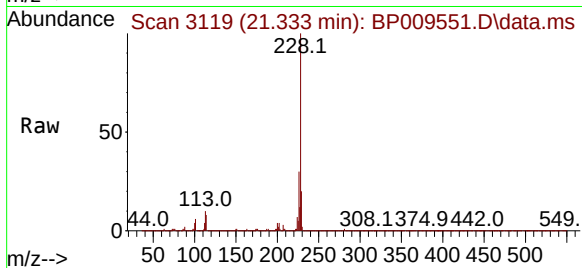
Tgt Ion:228 Resp: 4524569

Ion Ratio Lower Upper

228 100

226 30.3 24.2 36.2

229 19.7 16.1 24.1



#84

Bis(2-ethylhexyl)phthalate

Concen: 50.091 ng

RT: 21.215 min Scan# 3099

Delta R.T. -0.000 min

Lab File: BP009551.D

Acq: 25 Mar 2022 14:20

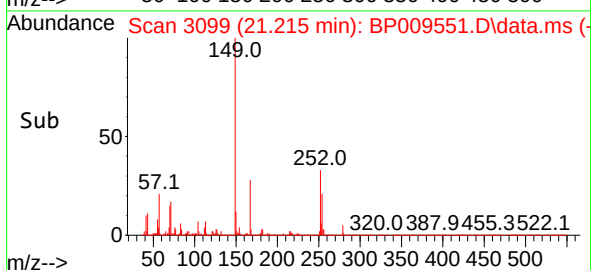
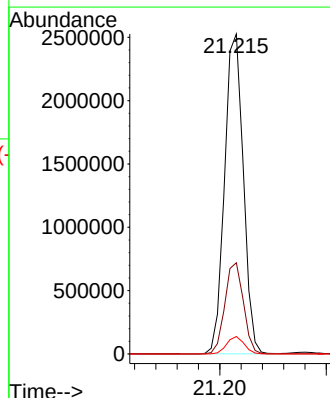
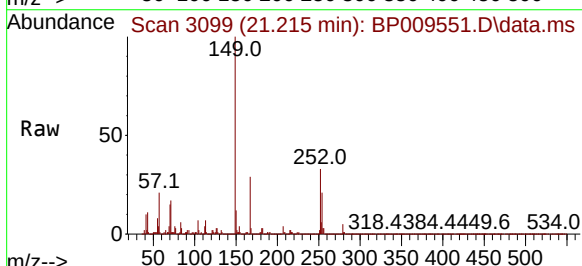
Tgt Ion:149 Resp: 3072333

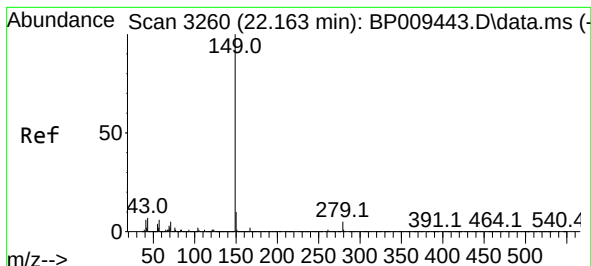
Ion Ratio Lower Upper

149 100

167 28.5 22.6 33.8

279 5.5 3.8 5.6





#85

Di-n-octyl phthalate

Concen: 44.894 ng

RT: 22.133 min Scan# 31

Delta R.T. -0.006 min

Lab File: BP009551.D

Acq: 25 Mar 2022 14:20

Instrument :

BNA\_P

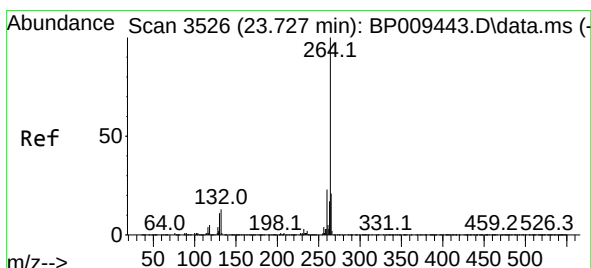
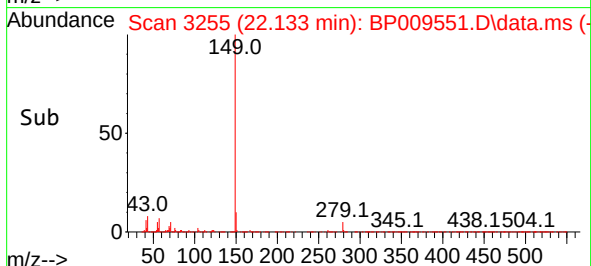
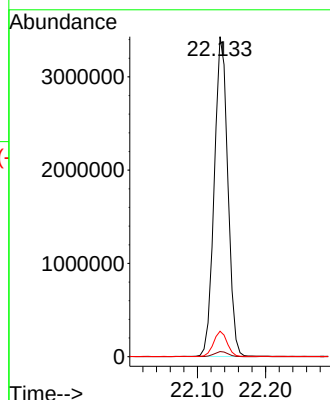
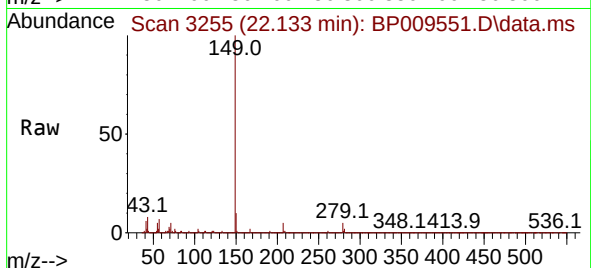
ClientSampleId :

PB143541BS

Tgt Ion:149 Resp: 4746286

Ion Ratio Lower Upper

|     |     |     |      |
|-----|-----|-----|------|
| 149 | 100 |     |      |
| 167 | 1.6 | 1.3 | 1.9  |
| 43  | 7.9 | 6.9 | 10.3 |



#86

Perylene-d12

Concen: 20.000 ng

RT: 23.686 min Scan# 3519

Delta R.T. -0.006 min

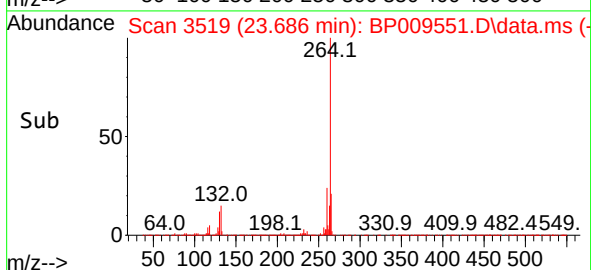
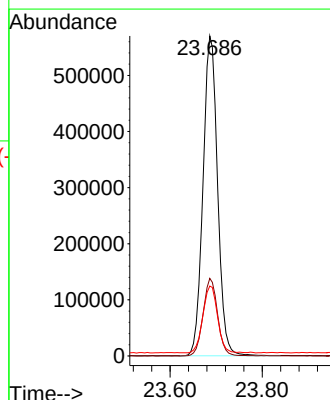
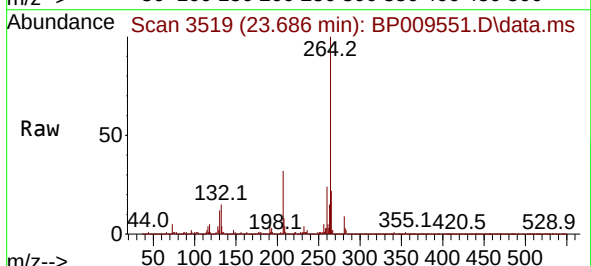
Lab File: BP009551.D

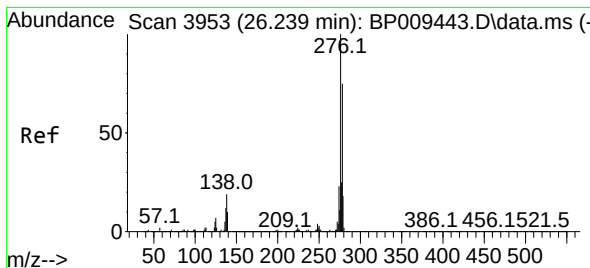
Acq: 25 Mar 2022 14:20

Tgt Ion:264 Resp: 1258974

Ion Ratio Lower Upper

|     |      |      |      |
|-----|------|------|------|
| 264 | 100  |      |      |
| 260 | 24.3 | 19.4 | 29.0 |
| 265 | 21.9 | 17.2 | 25.8 |





#87

Indeno(1,2,3-cd)pyrene

Concen: 40.276 ng

RT: 26.180 min Scan# 3943

Delta R.T. -0.018 min

Lab File: BP009551.D

Acq: 25 Mar 2022 14:20

Instrument :

BNA\_P

ClientSampleId :

PB143541BS

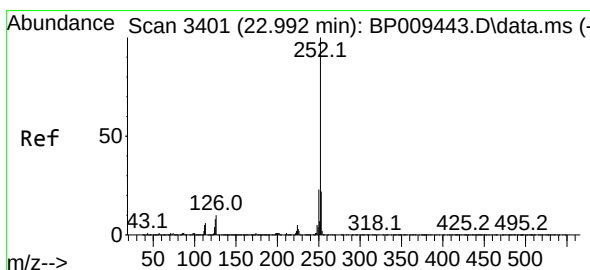
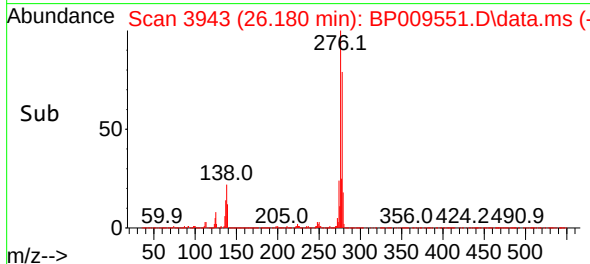
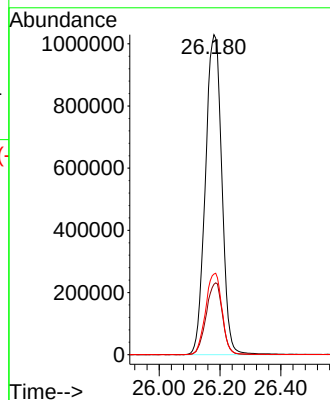
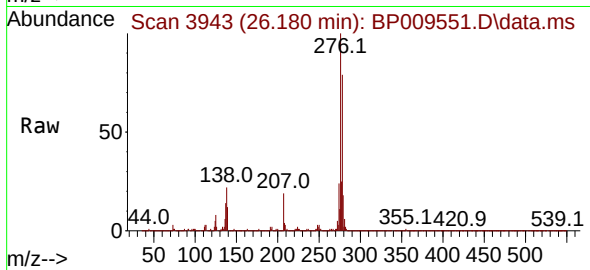
Tgt Ion:276 Resp: 3846949

Ion Ratio Lower Upper

276 100

138 22.2 20.5 30.7

277 25.4 20.4 30.6



#88

Benzo(b)fluoranthene

Concen: 53.447 ng

RT: 22.957 min Scan# 3395

Delta R.T. -0.006 min

Lab File: BP009551.D

Acq: 25 Mar 2022 14:20

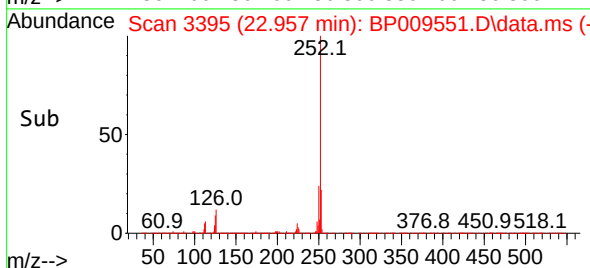
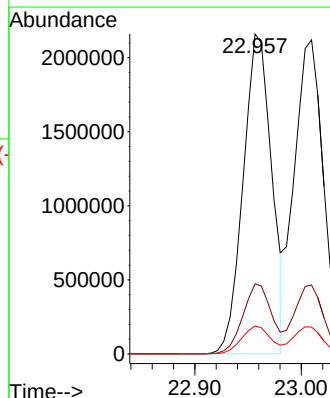
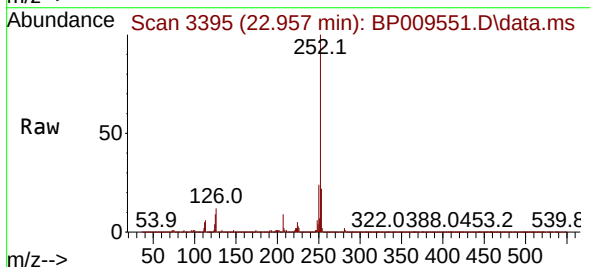
Tgt Ion:252 Resp: 4016944

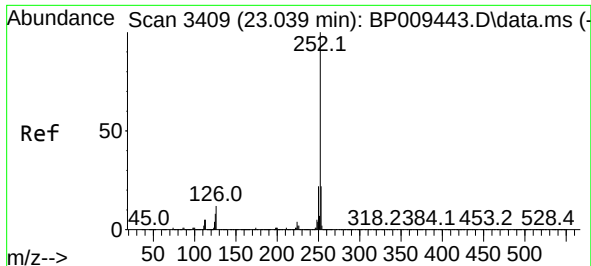
Ion Ratio Lower Upper

252 100

253 21.9 17.8 26.8

125 8.8 8.1 12.1

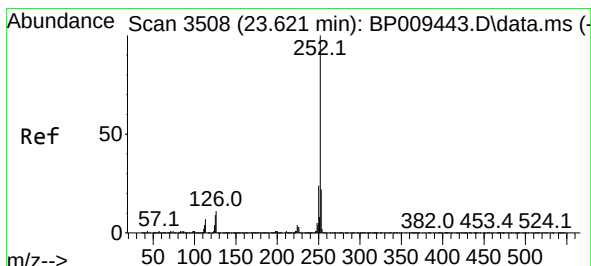
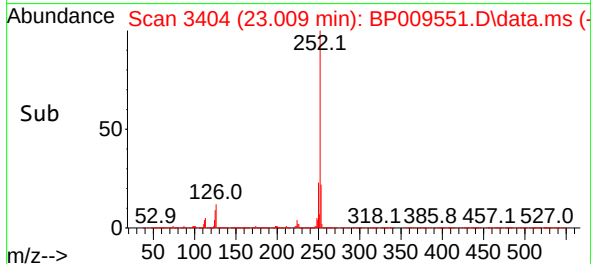
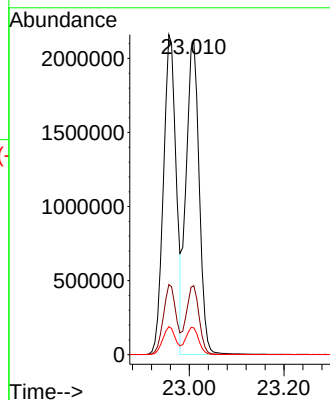
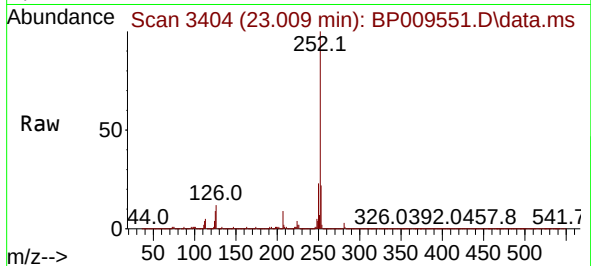




#89  
Benzo(k)fluoranthene  
Concen: 55.232 ng  
RT: 23.009 min Scan# 3409  
Delta R.T. -0.000 min  
Lab File: BP009551.D  
Acq: 25 Mar 2022 14:20

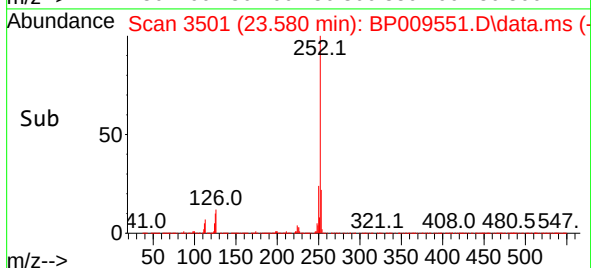
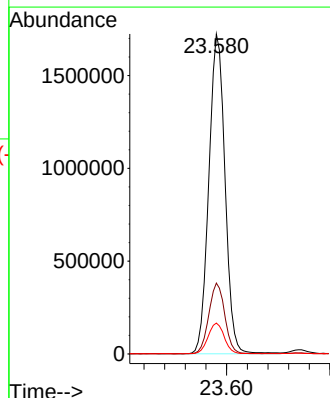
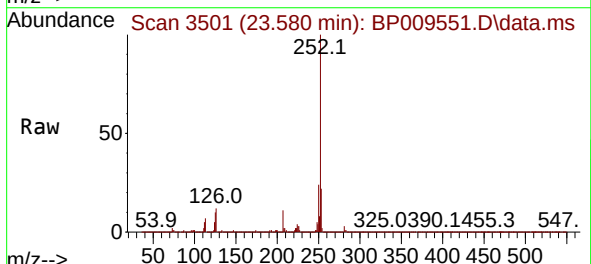
Instrument :  
BNA\_P  
ClientSampleId :  
PB143541BS

Tgt Ion:252 Resp: 4064317  
Ion Ratio Lower Upper  
252 100  
253 22.0 17.5 26.3  
125 8.6 8.3 12.5

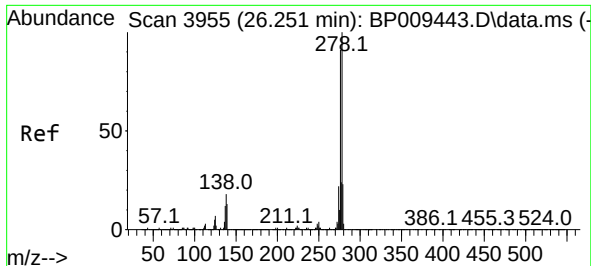


#90  
Benzo(a)pyrene  
Concen: 58.176 ng  
RT: 23.580 min Scan# 3501  
Delta R.T. -0.006 min  
Lab File: BP009551.D  
Acq: 25 Mar 2022 14:20

Tgt Ion:252 Resp: 3740865  
Ion Ratio Lower Upper  
252 100  
253 22.1 17.8 26.6  
125 9.6 9.3 13.9



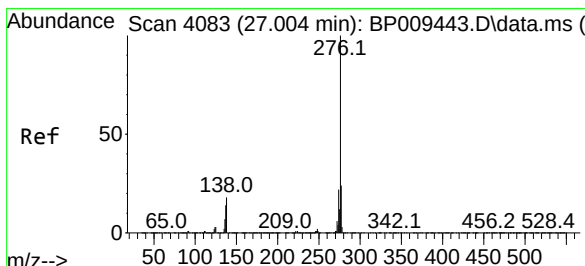
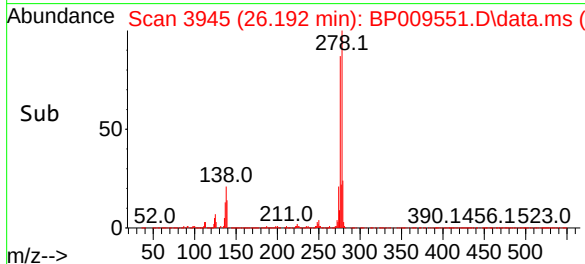
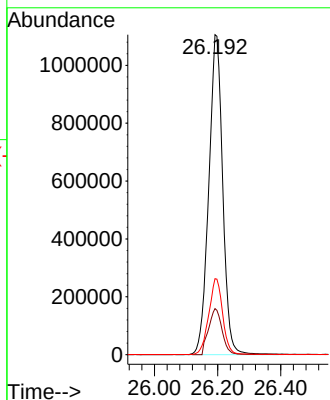
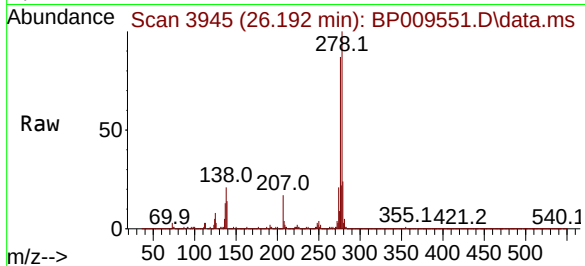




#91  
 Dibenzo(a,h)anthracene  
 Concen: 42.487 ng  
 RT: 26.192 min Scan# 3955  
 Delta R.T. -0.018 min  
 Lab File: BP009551.D  
 Acq: 25 Mar 2022 14:20

Instrument :  
 BNA\_P  
 ClientSampleId :  
 PB143541BS

Tgt Ion:278 Resp: 3382154  
 Ion Ratio Lower Upper  
 278 100  
 139 14.4 13.2 19.8  
 279 23.8 19.2 28.8



#92  
 Benzo(g,h,i)perylene  
 Concen: 42.607 ng  
 RT: 26.939 min Scan# 4072  
 Delta R.T. -0.012 min  
 Lab File: BP009551.D  
 Acq: 25 Mar 2022 14:20

Tgt Ion:276 Resp: 3336640  
 Ion Ratio Lower Upper  
 276 100  
 277 23.6 19.2 28.8  
 138 19.0 18.0 27.0

