

Data Path : Z:\svoasrv\HPCHEM1\BNA\_P\Data\BP020722\  
 Data File : BP009048.D  
 Acq On : 07 Feb 2022 15:47  
 Operator : CG/JU  
 Sample : PB142438BS  
 Misc :  
 ALS Vial : 11 Sample Multiplier: 1

Instrument :  
 BNA\_P  
 ClientSampleId :  
 PB142438BS

Quant Time: Feb 07 16:33:49 2022  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_P\Methods\8270E-BP020722.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Mon Feb 07 15:13:17 2022  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc    | Units | Dev(Min) |
|-------------------------------|--------|------|----------|---------|-------|----------|
| -----                         |        |      |          |         |       |          |
| Internal Standards            |        |      |          |         |       |          |
| 1) 1,4-Dichlorobenzene-d4     | 7.804  | 152  | 246983   | 20.000  | ng    | 0.00     |
| 21) Naphthalene-d8            | 10.604 | 136  | 897752   | 20.000  | ng    | 0.00     |
| 39) Acenaphthene-d10          | 14.451 | 164  | 502327   | 20.000  | ng    | 0.00     |
| 64) Phenanthrene-d10          | 17.204 | 188  | 873268   | 20.000  | ng    | 0.00     |
| 76) Chrysene-d12              | 21.298 | 240  | 721921   | 20.000  | ng    | 0.00     |
| 86) Perylene-d12              | 23.698 | 264  | 731746   | 20.000  | ng    | 0.00     |
| System Monitoring Compounds   |        |      |          |         |       |          |
| 5) 2-Fluorophenol             | 5.398  | 112  | 1947736  | 140.673 | ng    | 0.00     |
| 7) Phenol-d6                  | 6.992  | 99   | 2406330  | 131.895 | ng    | 0.00     |
| 23) Nitrobenzene-d5           | 8.969  | 82   | 1542142  | 96.872  | ng    | 0.00     |
| 42) 2,4,6-Tribromophenol      | 15.951 | 330  | 870853   | 129.843 | ng    | 0.00     |
| 45) 2-Fluorobiphenyl          | 13.069 | 172  | 3545155  | 98.797  | ng    | 0.00     |
| 79) Terphenyl-d14             | 19.768 | 244  | 3856543  | 96.068  | ng    | 0.00     |
| Target Compounds              |        |      |          |         |       |          |
|                               |        |      |          |         |       | Qvalue   |
| 2) 1,4-Dioxane                | 3.310  | 88   | 179467   | 39.357  | ng    | 98       |
| 3) Pyridine                   | 3.710  | 79   | 440623   | 33.077  | ng    | 97       |
| 4) n-Nitrosodimethylamine     | 3.622  | 42   | 220394   | 43.188  | ng    | 92       |
| 6) Aniline                    | 7.140  | 93   | 946030   | 45.683  | ng    | 98       |
| 8) 2-Chlorophenol             | 7.375  | 128  | 777678   | 49.768  | ng    | 97       |
| 9) Benzaldehyde               | 6.951  | 77   | 438459   | 47.445  | ng    | 99       |
| 10) Phenol                    | 7.022  | 94   | 900111   | 49.070  | ng    | 97       |
| 11) bis(2-Chloroethyl)ether   | 7.234  | 93   | 699518   | 49.113  | ng    | 97       |
| 12) 1,3-Dichlorobenzene       | 7.698  | 146  | 878856   | 48.631  | ng    | 99       |
| 13) 1,4-Dichlorobenzene       | 7.840  | 146  | 900784   | 48.827  | ng    | 100      |
| 14) 1,2-Dichlorobenzene       | 8.157  | 146  | 860059   | 48.105  | ng    | 99       |
| 15) Benzyl Alcohol            | 8.057  | 79   | 599828   | 51.648  | ng    | 97       |
| 16) 2,2'-oxybis(1-Chloropr... | 8.334  | 45   | 770818   | 48.015  | ng    | 99       |
| 17) 2-Methylphenol            | 8.263  | 107  | 586527   | 47.695  | ng    | 97       |
| 18) Hexachloroethane          | 8.881  | 117  | 303023   | 49.583  | ng    | 99       |
| 19) n-Nitroso-di-n-propyla... | 8.622  | 70   | 472295   | 45.213  | ng    | 97       |
| 20) 3+4-Methylphenols         | 8.592  | 107  | 774723   | 46.031  | ng    | 99       |
| 22) Acetophenone              | 8.634  | 105  | 985693   | 46.968  | ng    | # 98     |
| 24) Nitrobenzene              | 9.010  | 77   | 758522   | 50.403  | ng    | 95       |
| 25) Isophorone                | 9.539  | 82   | 1289469  | 48.752  | ng    | 97       |
| 26) 2-Nitrophenol             | 9.722  | 139  | 394824   | 50.727  | ng    | 93       |
| 27) 2,4-Dimethylphenol        | 9.792  | 122  | 640629   | 55.046  | ng    | 99       |
| 28) bis(2-Chloroethoxy)met... | 10.022 | 93   | 831275   | 46.302  | ng    | 100      |
| 29) 2,4-Dichlorophenol        | 10.269 | 162  | 693253   | 47.670  | ng    | 100      |
| 30) 1,2,4-Trichlorobenzene    | 10.469 | 180  | 822537   | 48.103  | ng    | 100      |
| 31) Naphthalene               | 10.657 | 128  | 2195514  | 47.949  | ng    | 100      |
| 32) Benzoic acid              | 9.986  | 122  | 393823   | 42.164  | ng    | 98       |
| 33) 4-Chloroaniline           | 10.781 | 127  | 410940   | 22.226  | ng    | 99       |
| 34) Hexachlorobutadiene       | 10.939 | 225  | 505848   | 48.090  | ng    | 99       |
| 35) Caprolactam               | 11.575 | 113  | 165967   | 38.920  | ng    | 89       |
| 36) 4-Chloro-3-methylphenol   | 11.916 | 107  | 596558   | 43.003  | ng    | 100      |
| 37) 2-Methylnaphthalene       | 12.269 | 142  | 1510560  | 46.619  | ng    | 98       |
| 38) 1-Methylnaphthalene       | 12.486 | 142  | 1416720  | 44.746  | ng    | 99       |
| 40) 1,2,4,5-Tetrachloroben... | 12.639 | 216  | 864167   | 54.047  | ng    | 99       |
| 41) Hexachlorocyclopentadiene | 12.616 | 237  | 878642   | 139.674 | ng    | 99       |
| 43) 2,4,6-Trichlorophenol     | 12.886 | 196  | 524103   | 49.429  | ng    | 99       |

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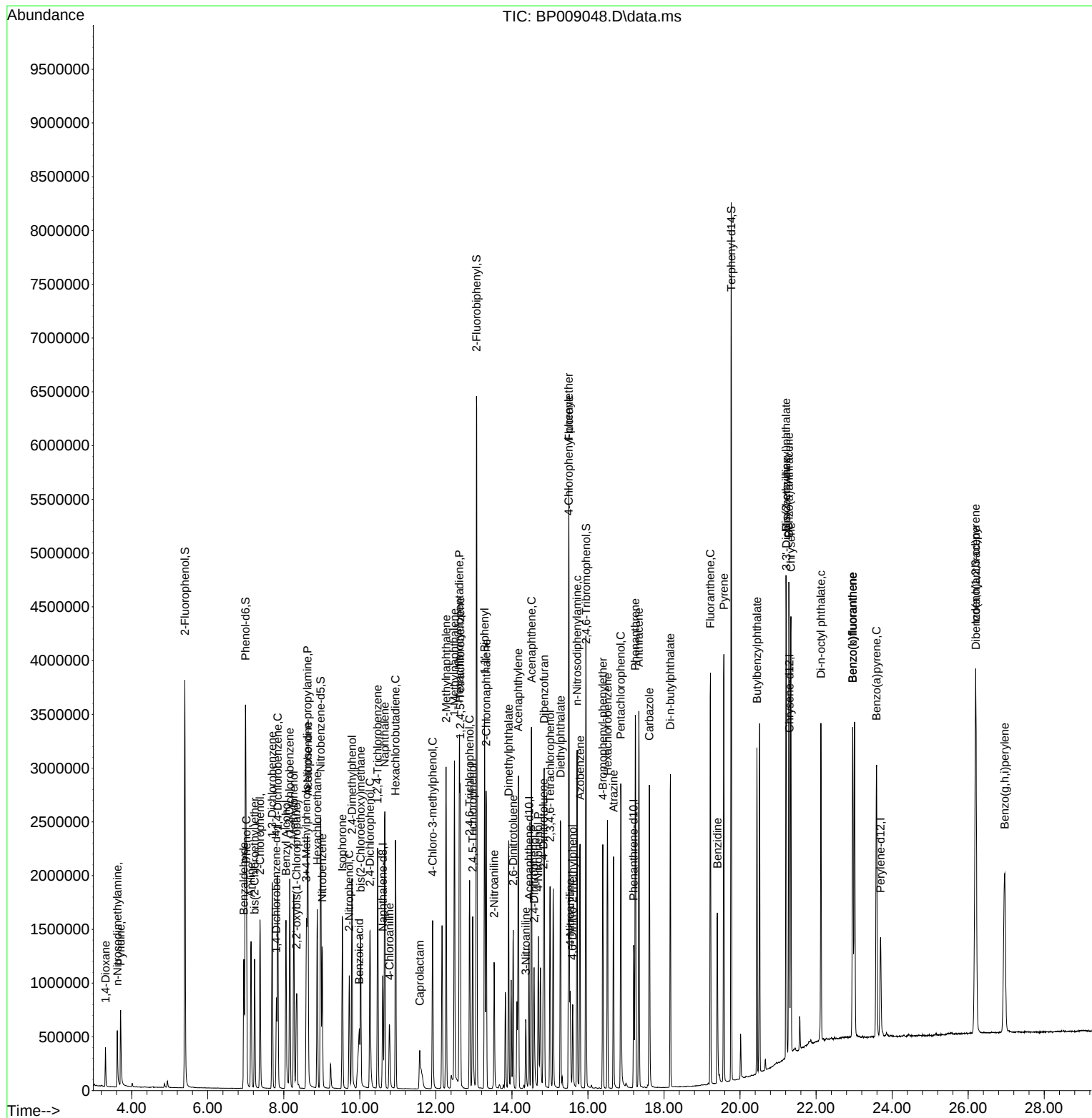
| Compound                      | R.T.   | QIon | Response | Conc    | Units | Dev(Min) |
|-------------------------------|--------|------|----------|---------|-------|----------|
| 44) 2,4,5-Trichlorophenol     | 12.969 | 196  | 548279   | 48.220  | ng    | 97       |
| 46) 1,1'-Biphenyl             | 13.280 | 154  | 1885135  | 51.078  | ng    | 99       |
| 47) 2-Chloronaphthalene       | 13.322 | 162  | 1483129  | 50.572  | ng    | 99       |
| 48) 2-Nitroaniline            | 13.533 | 65   | 324421   | 47.741  | ng    | 93       |
| 49) Acenaphthylene            | 14.169 | 152  | 2240813  | 50.681  | ng    | 100      |
| 50) Dimethylphthalate         | 13.916 | 163  | 1598716  | 44.649  | ng    | 100      |
| 51) 2,6-Dinitrotoluene        | 14.033 | 165  | 356179   | 47.695  | ng    | 94       |
| 52) Acenaphthene              | 14.516 | 154  | 1299668  | 48.311  | ng    | 99       |
| 53) 3-Nitroaniline            | 14.363 | 138  | 202713   | 26.539  | ng    | 96       |
| 54) 2,4-Dinitrophenol         | 14.586 | 184  | 352132   | 72.248  | ng    | 93       |
| 55) Dibenzofuran              | 14.851 | 168  | 2068745  | 45.644  | ng    | 98       |
| 56) 4-Nitrophenol             | 14.692 | 139  | 497153   | 76.519  | ng    | 89       |
| 57) 2,4-Dinitrotoluene        | 14.827 | 165  | 458030   | 46.964  | ng    | # 88     |
| 58) Fluorene                  | 15.498 | 166  | 1600265  | 45.958  | ng    | 99       |
| 59) 2,3,4,6-Tetrachlorophenol | 15.004 | 232  | 429688   | 43.182  | ng    | 95       |
| 60) Diethylphthalate          | 15.280 | 149  | 1463097  | 43.214  | ng    | 98       |
| 61) 4-Chlorophenyl-phenyle... | 15.492 | 204  | 849712   | 44.913  | ng    | 97       |
| 62) 4-Nitroaniline            | 15.533 | 138  | 307278   | 40.009  | ng    | 91       |
| 63) Azobenzene                | 15.792 | 77   | 1307807  | 44.644  | ng    | 96       |
| 65) 4,6-Dinitro-2-methylph... | 15.598 | 198  | 224631   | 41.915  | ng    | 92       |
| 66) n-Nitrosodiphenylamine    | 15.716 | 169  | 1345210  | 50.793  | ng    | 99       |
| 67) 4-Bromophenyl-phenylether | 16.392 | 248  | 507450   | 50.145  | ng    | 98       |
| 68) Hexachlorobenzene         | 16.516 | 284  | 571234   | 50.393  | ng    | 98       |
| 69) Atrazine                  | 16.674 | 200  | 448942   | 51.122  | ng    | 98       |
| 70) Pentachlorophenol         | 16.863 | 266  | 614112   | 102.889 | ng    | 100      |
| 71) Phenanthrene              | 17.245 | 178  | 2276554  | 48.146  | ng    | 99       |
| 72) Anthracene                | 17.339 | 178  | 2329419  | 50.353  | ng    | 99       |
| 73) Carbazole                 | 17.615 | 167  | 1973137  | 44.496  | ng    | 99       |
| 74) Di-n-butylphthalate       | 18.168 | 149  | 2159554  | 48.064  | ng    | 98       |
| 75) Fluoranthene              | 19.221 | 202  | 2443680  | 46.110  | ng    | 96       |
| 77) Benzidine                 | 19.404 | 184  | 1150811  | 76.287  | ng    | 98       |
| 78) Pyrene                    | 19.574 | 202  | 2510464  | 48.885  | ng    | 99       |
| 80) Butylbenzylphthalate      | 20.445 | 149  | 866135   | 49.049  | ng    | 97       |
| 81) Benzo(a)anthracene        | 21.286 | 228  | 2264381  | 48.673  | ng    | 97       |
| 82) 3,3'-Dichlorobenzidine    | 21.215 | 252  | 699830   | 43.386  | ng    | 99       |
| 83) Chrysene                  | 21.339 | 228  | 2187792  | 48.782  | ng    | 98       |
| 84) Bis(2-ethylhexyl)phtha... | 21.209 | 149  | 1182172  | 50.611  | ng    | 97       |
| 85) Di-n-octyl phthalate      | 22.127 | 149  | 2039958  | 54.596  | ng    | 100      |
| 87) Indeno(1,2,3-cd)pyrene    | 26.197 | 276  | 2684461  | 49.374  | ng    | 98       |
| 88) Benzo(b)fluoranthene      | 22.962 | 252  | 2281494  | 50.647  | ng    | 99       |
| 89) Benzo(k)fluoranthene      | 22.962 | 252  | 2281494  | 50.764  | ng    | 98       |
| 90) Benzo(a)pyrene            | 23.592 | 252  | 2204440  | 58.696  | ng    | 98       |
| 91) Dibenzo(a,h)anthracene    | 26.203 | 278  | 2343049  | 52.439  | ng    | 98       |
| 92) Benzo(g,h,i)perylene      | 26.962 | 276  | 2282541  | 51.308  | ng    | 98       |

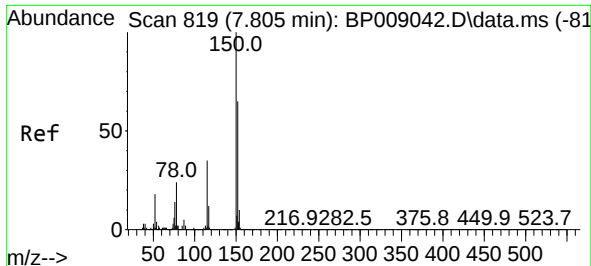
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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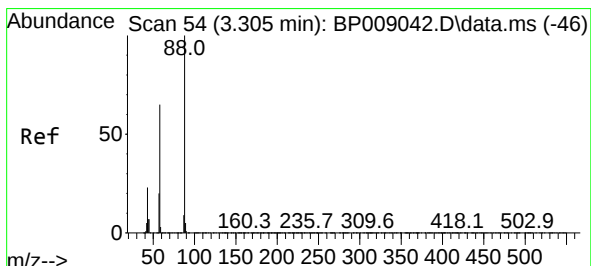
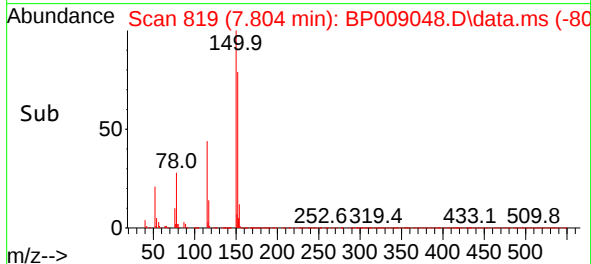
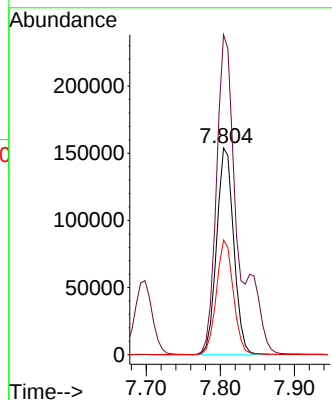
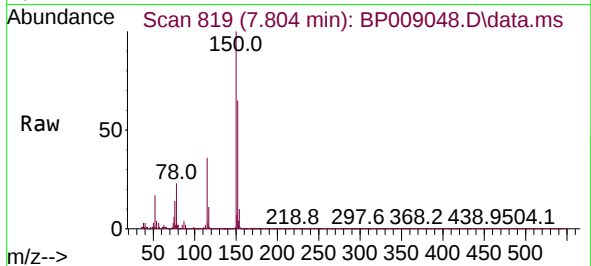




#1  
 1,4-Dichlorobenzene-d4  
 Concen: 20.000 ng  
 RT: 7.804 min Scan# 81  
 Delta R.T. -0.001 min  
 Lab File: BP009048.D  
 Acq: 07 Feb 2022 15:47

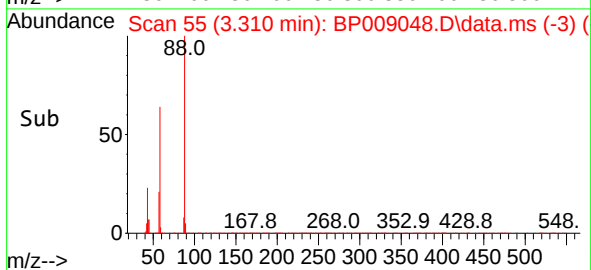
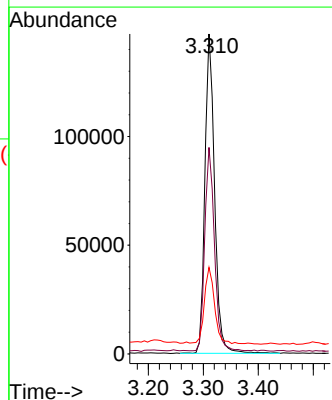
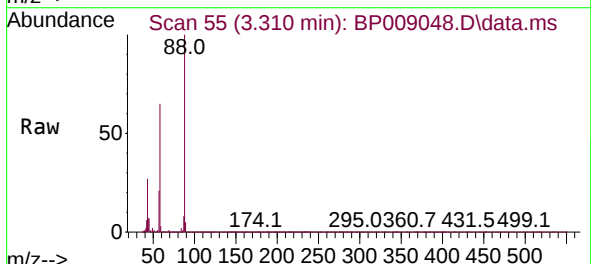
Instrument :  
 BNA\_P  
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 PB142438BS

Tgt Ion:152 Resp: 246983  
 Ion Ratio Lower Upper  
 152 100  
 150 154.8 127.0 190.6  
 115 55.5 43.7 65.5



#2  
 1,4-Dioxane  
 Concen: 39.357 ng  
 RT: 3.310 min Scan# 55  
 Delta R.T. 0.006 min  
 Lab File: BP009048.D  
 Acq: 07 Feb 2022 15:47

Tgt Ion: 88 Resp: 179467  
 Ion Ratio Lower Upper  
 88 100  
 58 63.8 50.6 75.8  
 43 25.0 18.2 27.4

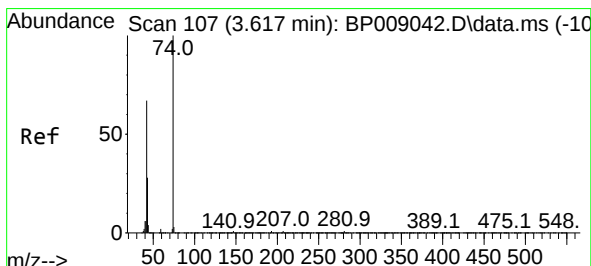
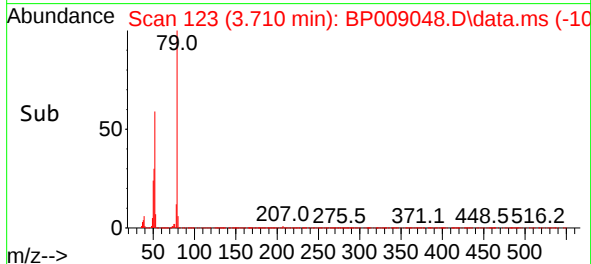
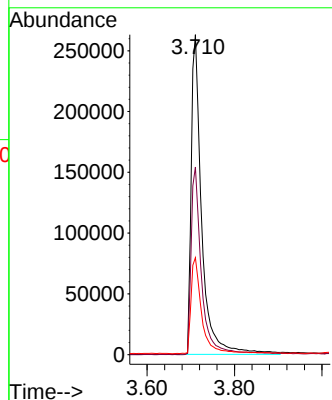
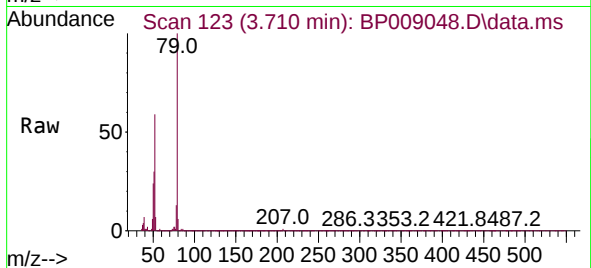




#3  
Pyridine  
Concen: 33.077 ng  
RT: 3.710 min Scan# 11  
Delta R.T. 0.011 min  
Lab File: BP009048.D  
Acq: 07 Feb 2022 15:47

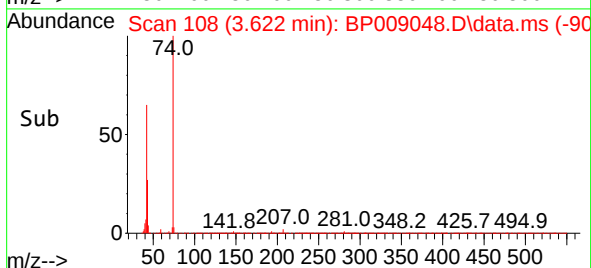
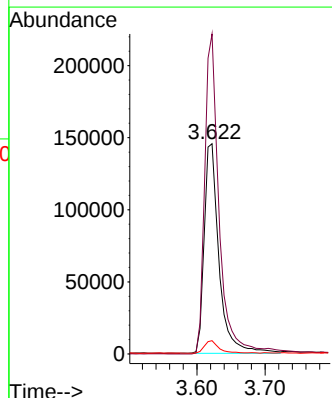
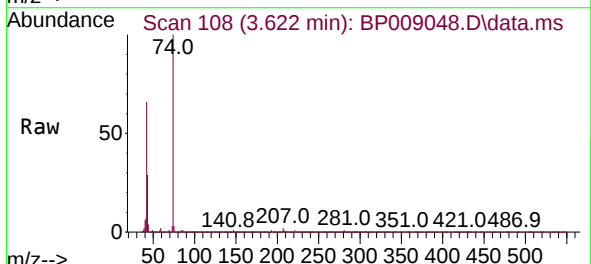
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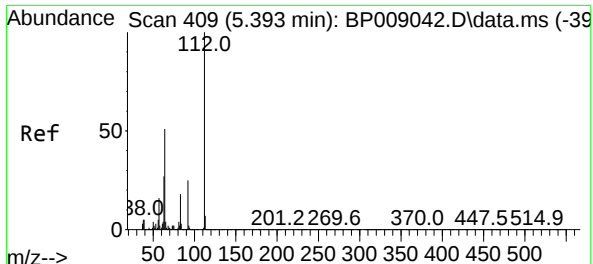
Tgt Ion: 79 Resp: 440623  
Ion Ratio Lower Upper  
79 100  
52 58.6 45.1 67.7  
51 30.3 23.1 34.7



#4  
n-Nitrosodimethylamine  
Concen: 43.188 ng  
RT: 3.622 min Scan# 108  
Delta R.T. 0.006 min  
Lab File: BP009048.D  
Acq: 07 Feb 2022 15:47

Tgt Ion: 42 Resp: 220394  
Ion Ratio Lower Upper  
42 100  
74 152.2 131.1 196.7  
44 6.4 6.2 9.2

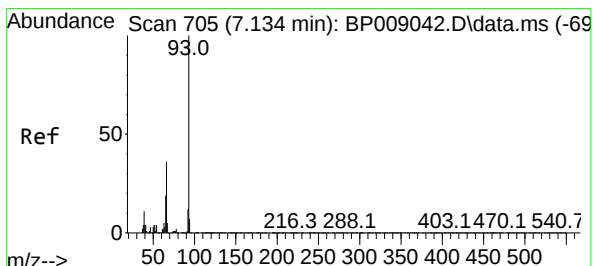
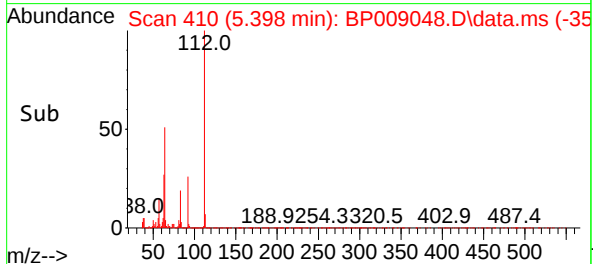
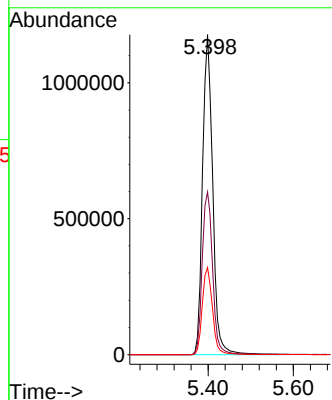
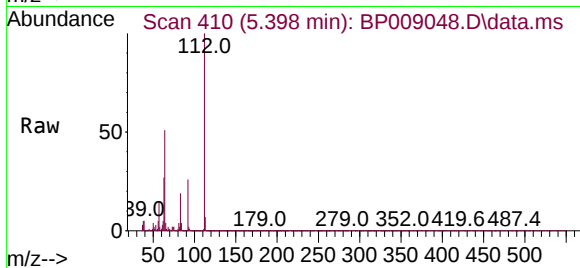




#5  
2-Fluorophenol  
Concen: 140.673 ng  
RT: 5.398 min Scan# 410  
Delta R.T. 0.006 min  
Lab File: BP009048.D  
Acq: 07 Feb 2022 15:47

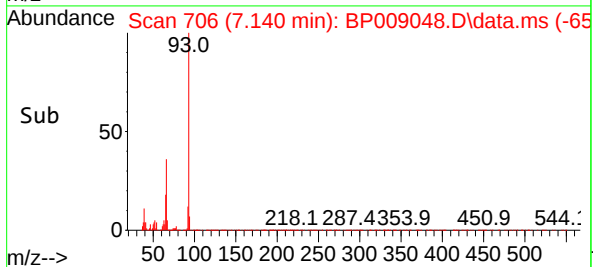
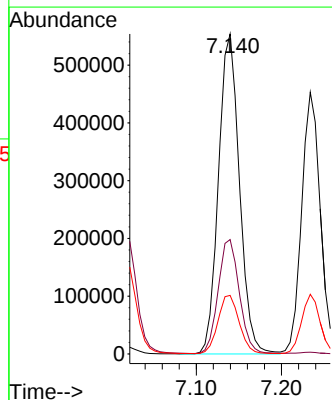
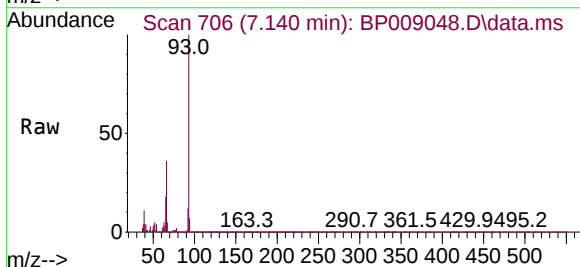
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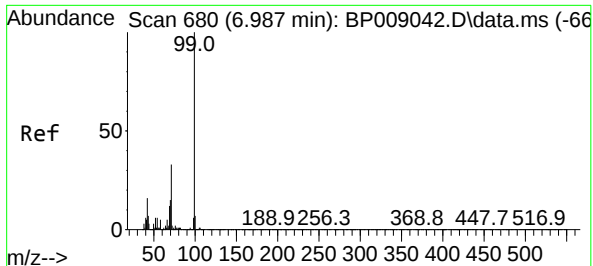
Tgt Ion:112 Resp: 1947736  
Ion Ratio Lower Upper  
112 100  
64 50.8 39.7 59.5  
63 27.2 20.0 30.0



#6  
Aniline  
Concen: 45.683 ng  
RT: 7.140 min Scan# 706  
Delta R.T. 0.006 min  
Lab File: BP009048.D  
Acq: 07 Feb 2022 15:47

Tgt Ion: 93 Resp: 946030  
Ion Ratio Lower Upper  
93 100  
66 35.7 27.8 41.6  
65 18.3 14.0 21.0

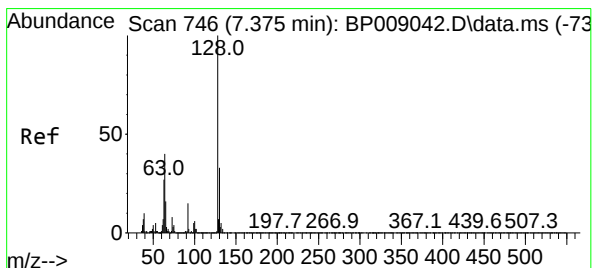
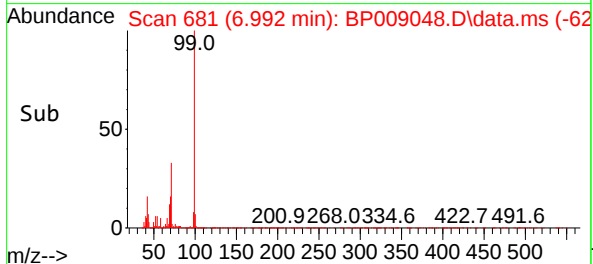
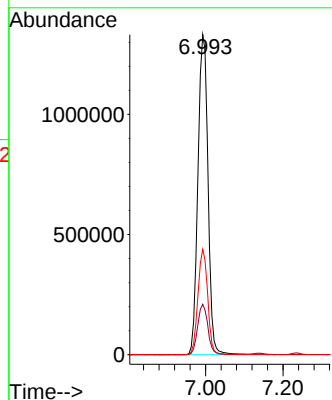
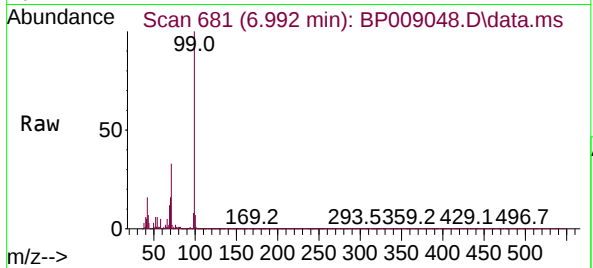




#7  
Phenol-d6  
Concen: 131.895 ng  
RT: 6.992 min Scan# 681  
Delta R.T. 0.006 min  
Lab File: BP009048.D  
Acq: 07 Feb 2022 15:47

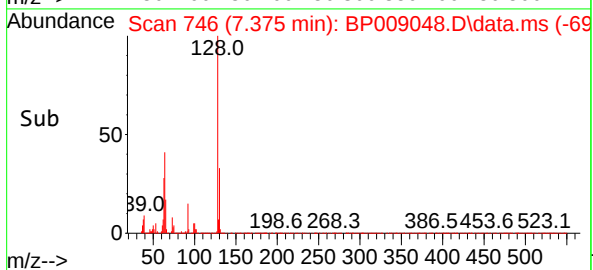
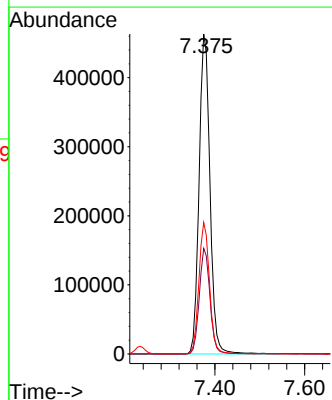
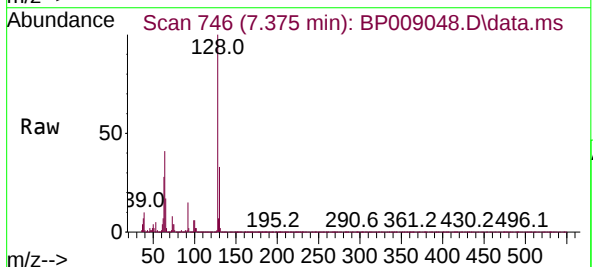
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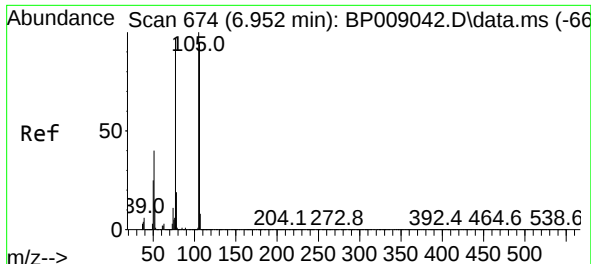
Tgt Ion: 99 Resp: 2406330  
Ion Ratio Lower Upper  
99 100  
42 15.8 10.8 16.2  
71 33.0 23.8 35.6



#8  
2-Chlorophenol  
Concen: 49.768 ng  
RT: 7.375 min Scan# 746  
Delta R.T. -0.000 min  
Lab File: BP009048.D  
Acq: 07 Feb 2022 15:47

Tgt Ion: 128 Resp: 777678  
Ion Ratio Lower Upper  
128 100  
130 33.0 12.6 52.6  
64 41.1 18.6 58.6

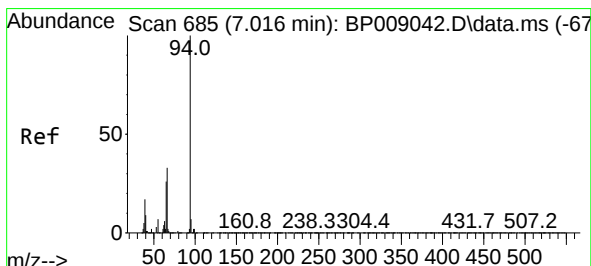
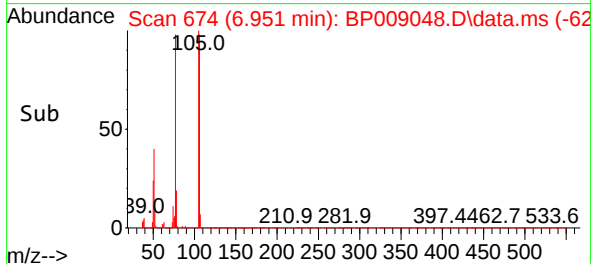
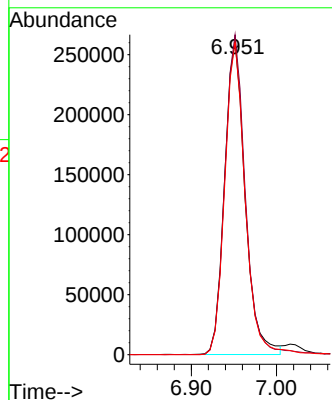
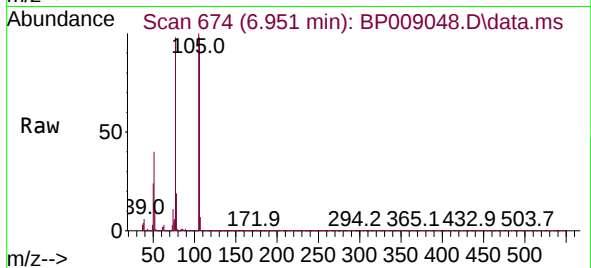




#9  
Benzaldehyde  
Concen: 47.445 ng  
RT: 6.951 min Scan# 61  
Delta R.T. -0.000 min  
Lab File: BP009048.D  
Acq: 07 Feb 2022 15:47

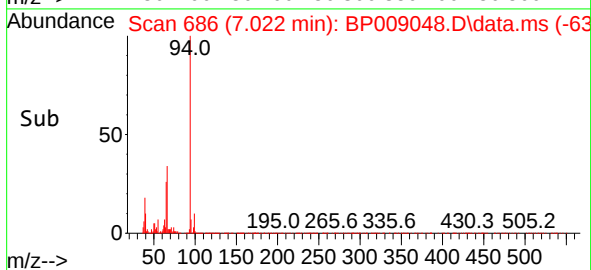
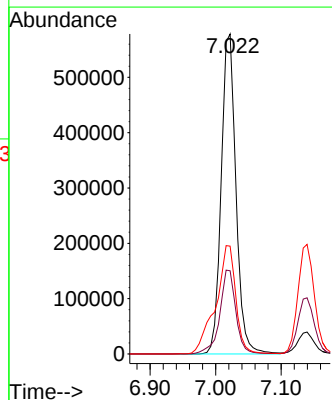
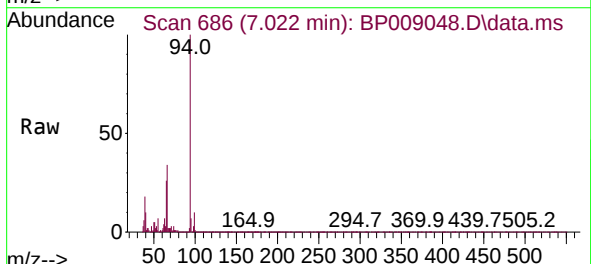
Instrument :  
BNA\_P  
ClientSampleId :  
PB142438BS

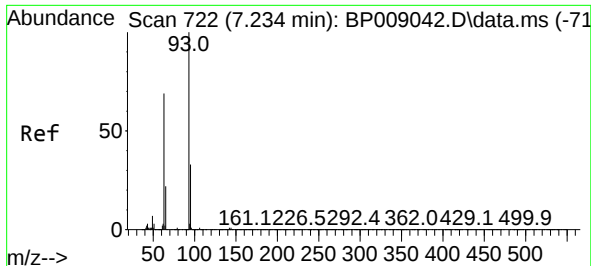
Tgt Ion: 77 Resp: 438459  
Ion Ratio Lower Upper  
77 100  
105 102.2 84.2 124.2  
106 99.7 80.6 120.6



#10  
Phenol  
Concen: 49.070 ng  
RT: 7.022 min Scan# 686  
Delta R.T. 0.006 min  
Lab File: BP009048.D  
Acq: 07 Feb 2022 15:47

Tgt Ion: 94 Resp: 900111  
Ion Ratio Lower Upper  
94 100  
65 26.0 4.1 44.1  
66 33.7 12.4 52.4

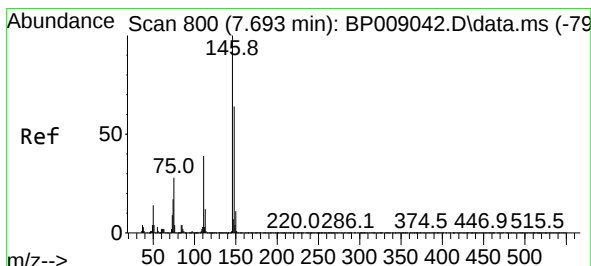
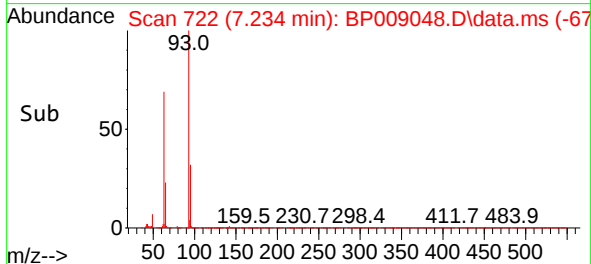
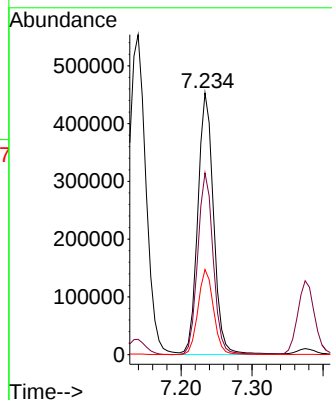
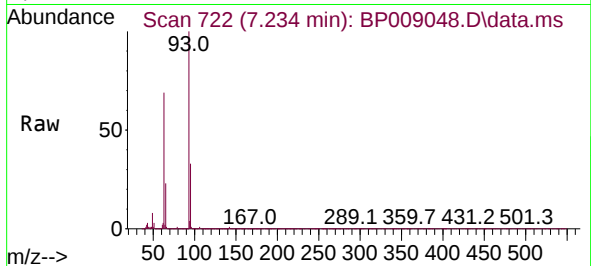




#11  
bis(2-Chloroethyl)ether  
Concen: 49.113 ng  
RT: 7.234 min Scan# 71  
Delta R.T. -0.000 min  
Lab File: BP009048.D  
Acq: 07 Feb 2022 15:47

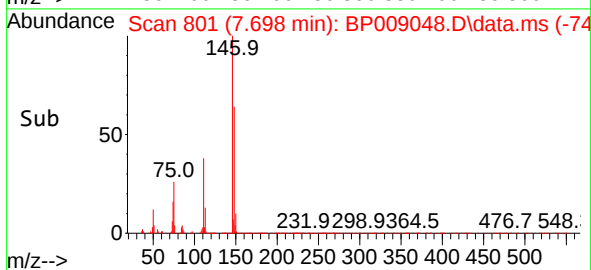
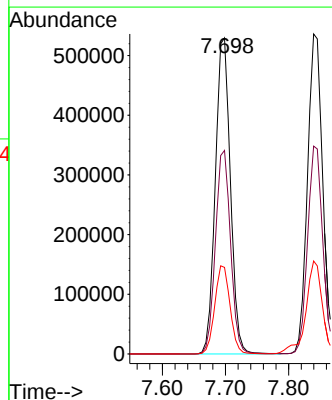
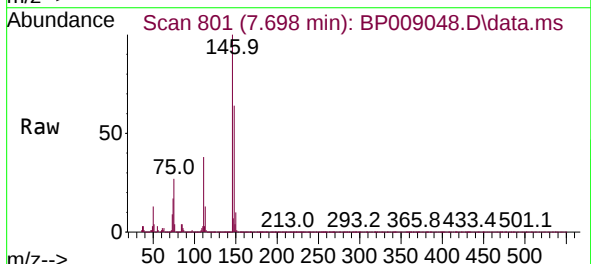
Instrument :  
BNA\_P  
ClientSampleId :  
PB142438BS

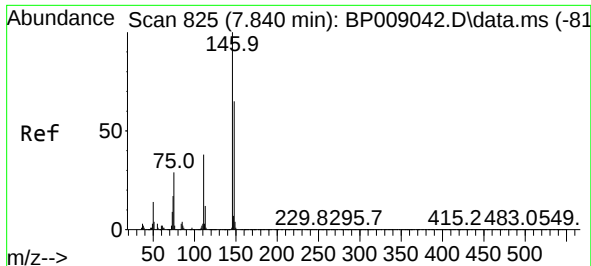
Tgt Ion: 93 Resp: 699518  
Ion Ratio Lower Upper  
93 100  
63 69.5 46.0 86.0  
95 32.5 12.2 52.2



#12  
1,3-Dichlorobenzene  
Concen: 48.631 ng  
RT: 7.698 min Scan# 801  
Delta R.T. 0.006 min  
Lab File: BP009048.D  
Acq: 07 Feb 2022 15:47

Tgt Ion:146 Resp: 878856  
Ion Ratio Lower Upper  
146 100  
148 64.4 51.9 77.9  
75 27.4 20.5 30.7

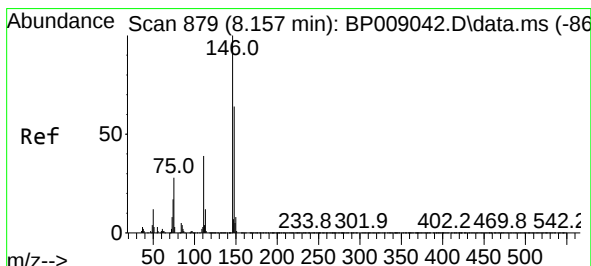
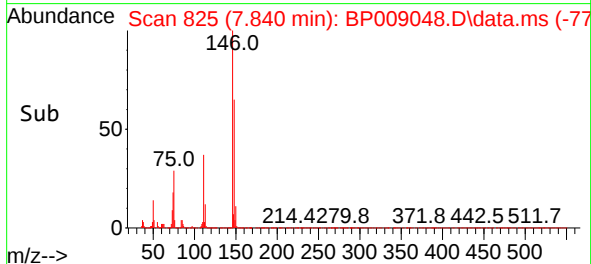
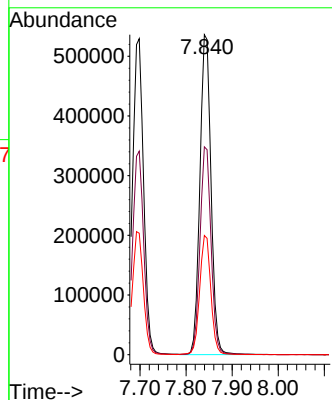
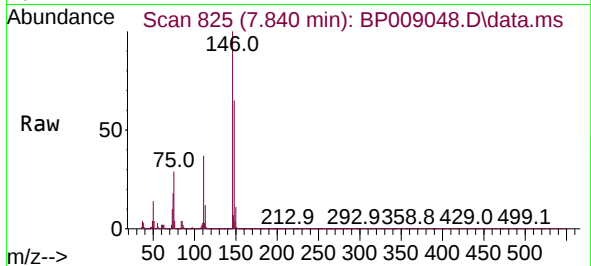




#13  
1,4-Dichlorobenzene  
Concen: 48.827 ng  
RT: 7.840 min Scan# 81  
Delta R.T. -0.000 min  
Lab File: BP009048.D  
Acq: 07 Feb 2022 15:47

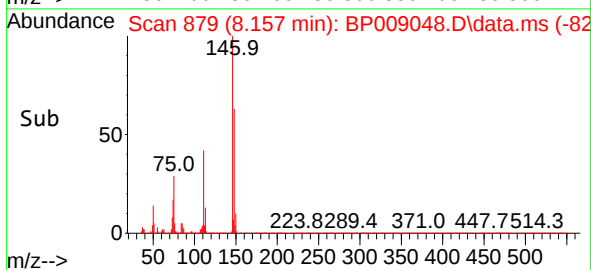
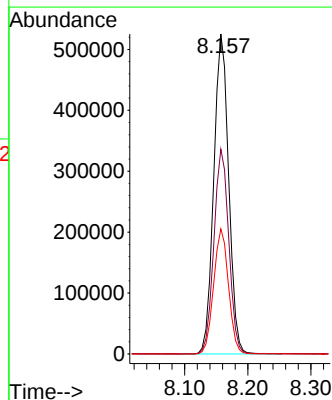
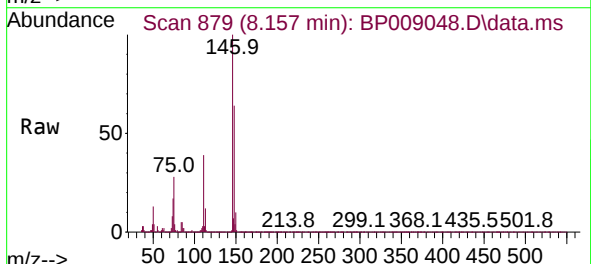
Instrument :  
BNA\_P  
ClientSampleId :  
PB142438BS

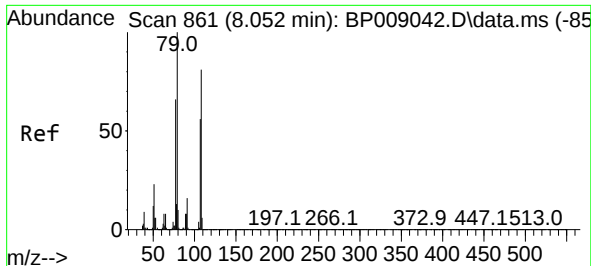
Tgt Ion:146 Resp: 900784  
Ion Ratio Lower Upper  
146 100  
148 64.9 52.3 78.5  
111 37.3 29.8 44.8



#14  
1,2-Dichlorobenzene  
Concen: 48.105 ng  
RT: 8.157 min Scan# 879  
Delta R.T. -0.000 min  
Lab File: BP009048.D  
Acq: 07 Feb 2022 15:47

Tgt Ion:146 Resp: 860059  
Ion Ratio Lower Upper  
146 100  
148 64.0 52.2 78.2  
111 39.1 31.1 46.7

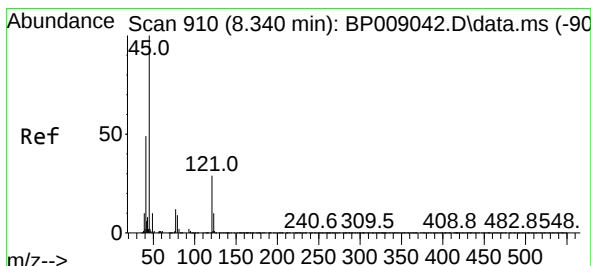
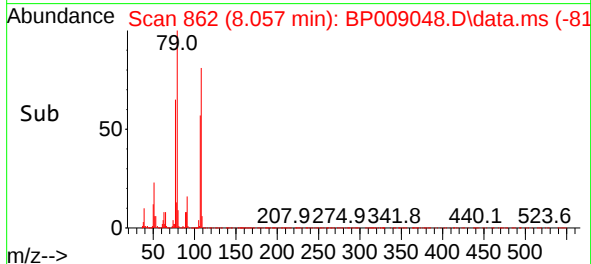
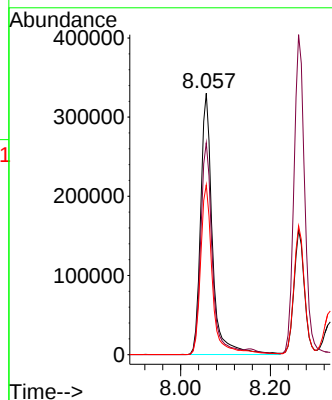
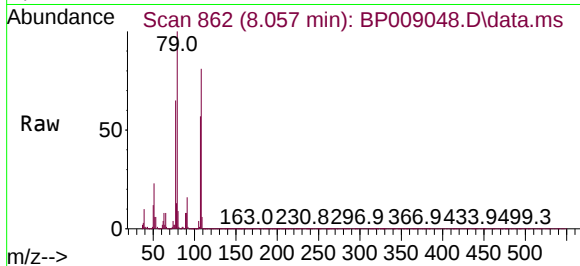




#15  
Benzyl Alcohol  
Concen: 51.648 ng  
RT: 8.057 min Scan# 80  
Delta R.T. 0.006 min  
Lab File: BP009048.D  
Acq: 07 Feb 2022 15:47

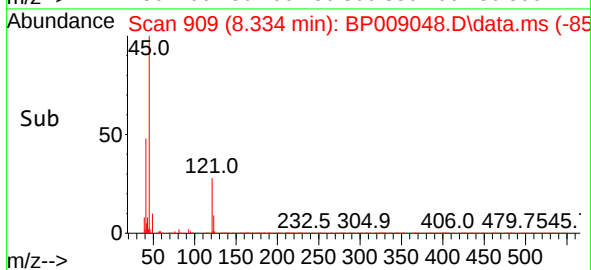
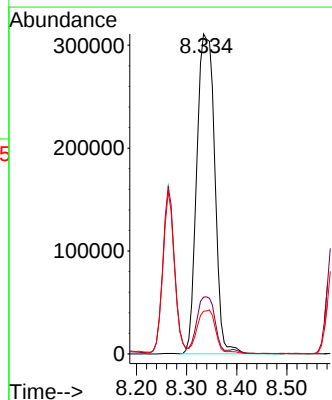
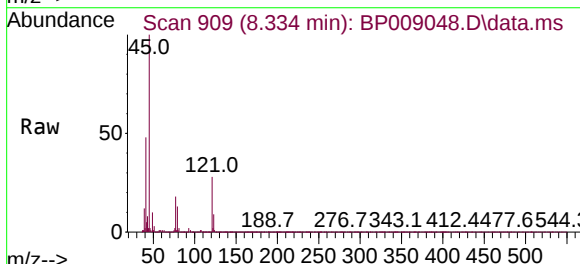
Instrument :  
BNA\_P  
ClientSampleId :  
PB142438BS

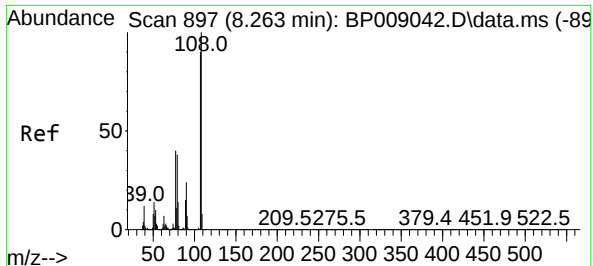
Tgt Ion: 79 Resp: 599828  
Ion Ratio Lower Upper  
79 100  
108 81.0 67.8 101.8  
77 64.9 50.7 76.1



#16  
2,2'-oxybis(1-Chloropropane)  
Concen: 48.015 ng  
RT: 8.334 min Scan# 909  
Delta R.T. -0.006 min  
Lab File: BP009048.D  
Acq: 07 Feb 2022 15:47

Tgt Ion: 45 Resp: 770818  
Ion Ratio Lower Upper  
45 100  
77 17.8 0.0 37.4  
79 13.4 0.0 34.1

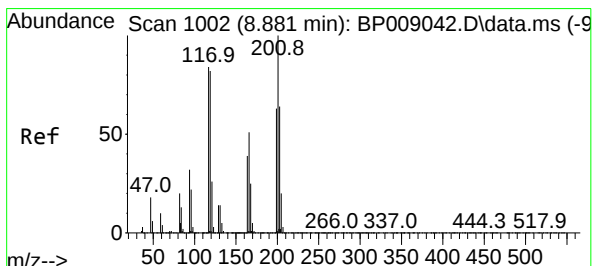
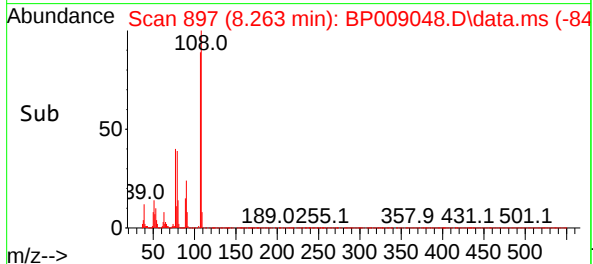
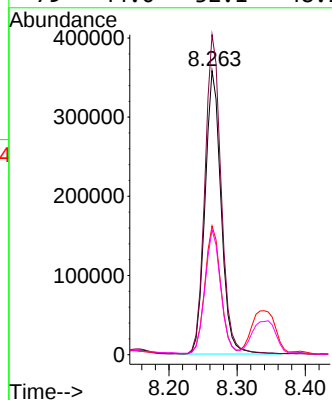
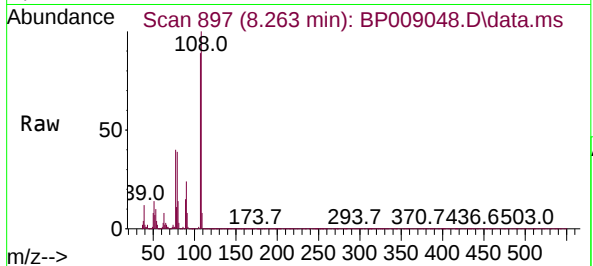




#17  
2-Methylphenol  
Concen: 47.695 ng  
RT: 8.263 min Scan# 897  
Delta R.T. -0.000 min  
Lab File: BP009048.D  
Acq: 07 Feb 2022 15:47

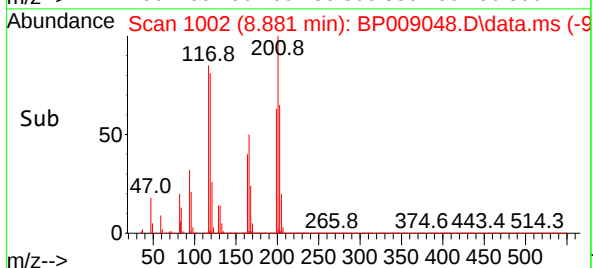
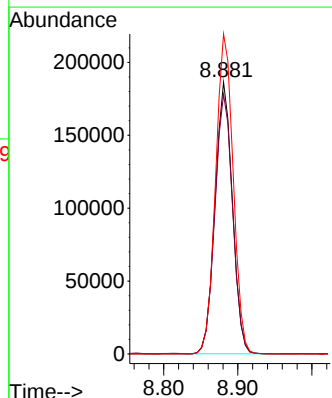
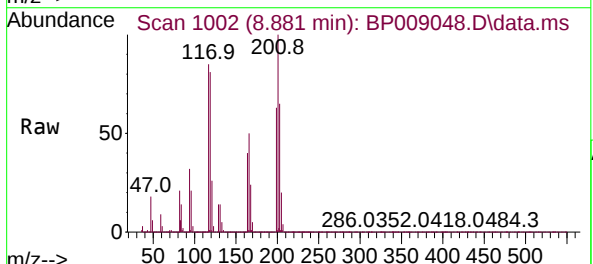
Instrument :  
BNA\_P  
ClientSampleId :  
PB142438BS

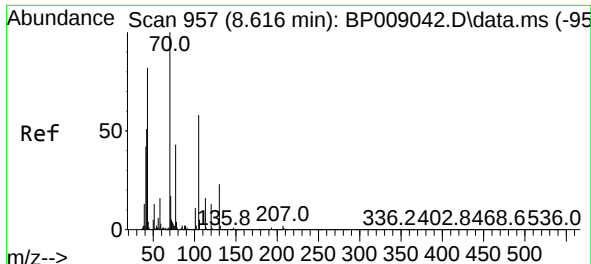
|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 107   | Resp: | 586527 |
| Ion      | Ratio | Lower | Upper  |
| 107      | 100   |       |        |
| 108      | 112.7 | 90.0  | 135.0  |
| 77       | 45.4  | 32.7  | 49.1   |
| 79       | 44.0  | 32.1  | 48.1   |



#18  
Hexachloroethane  
Concen: 49.583 ng  
RT: 8.881 min Scan# 1002  
Delta R.T. -0.000 min  
Lab File: BP009048.D  
Acq: 07 Feb 2022 15:47

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 117   | Resp: | 303023 |
| Ion      | Ratio | Lower | Upper  |
| 117      | 100   |       |        |
| 119      | 95.6  | 76.9  | 115.3  |
| 201      | 117.8 | 93.7  | 140.5  |





#19

n-Nitroso-di-n-propylamine

Concen: 45.213 ng

RT: 8.622 min Scan# 957

Delta R.T. 0.006 min

Lab File: BP009048.D

Acq: 07 Feb 2022 15:47

Instrument :

BNA\_P

ClientSampleId :

PB142438BS

Tgt Ion: 70 Resp: 472295

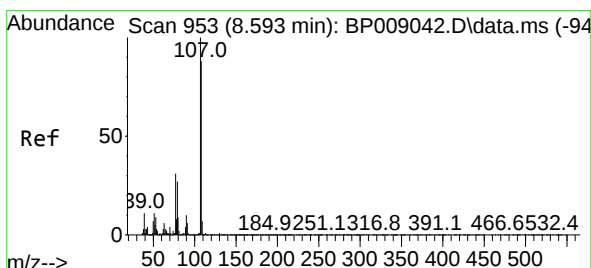
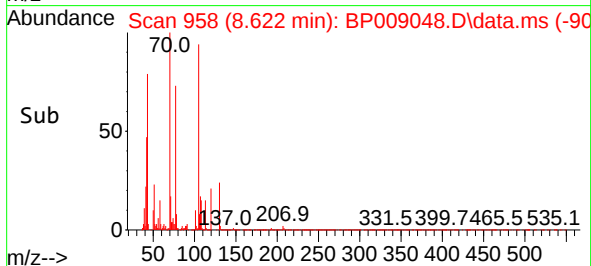
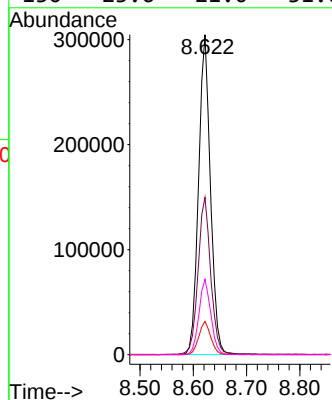
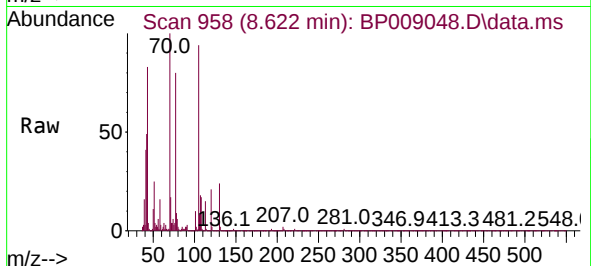
Ion Ratio Lower Upper

70 100

42 49.2 38.2 57.2

101 10.4 8.7 13.1

130 23.6 21.0 31.6



#20

3+4-Methylphenols

Concen: 46.031 ng

RT: 8.592 min Scan# 953

Delta R.T. -0.000 min

Lab File: BP009048.D

Acq: 07 Feb 2022 15:47

Tgt Ion: 107 Resp: 774723

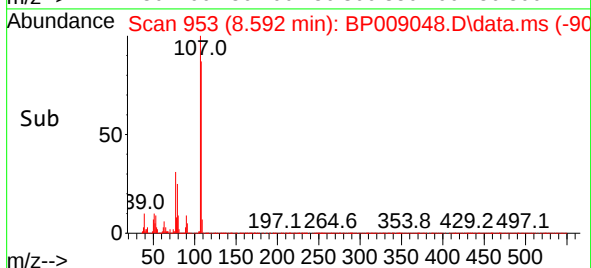
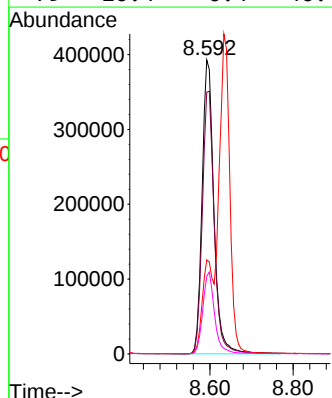
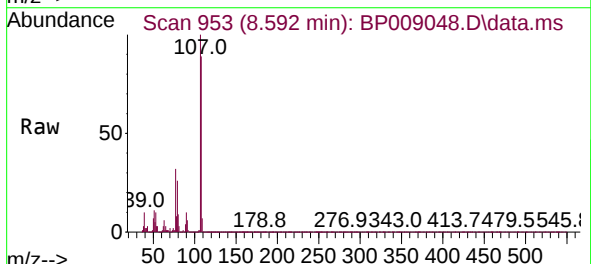
Ion Ratio Lower Upper

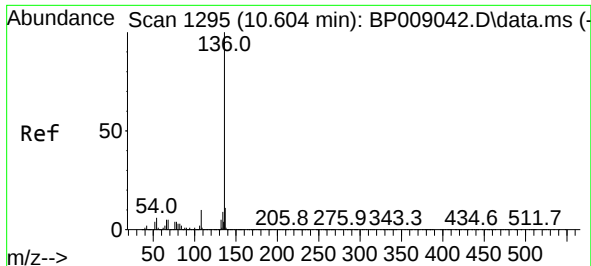
107 100

108 89.0 69.8 109.8

77 32.0 10.4 50.4

79 26.4 6.4 46.4



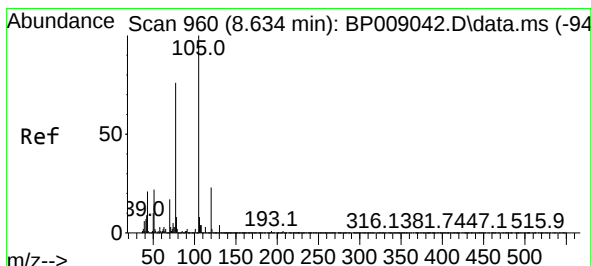
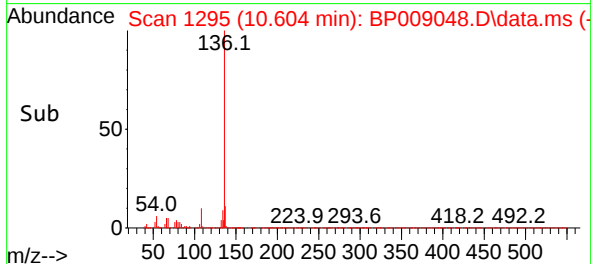
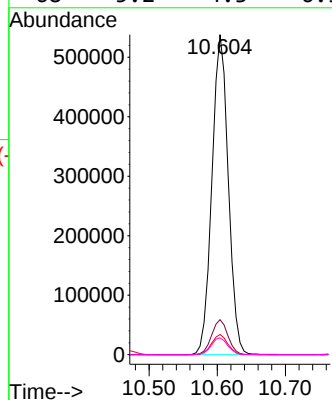
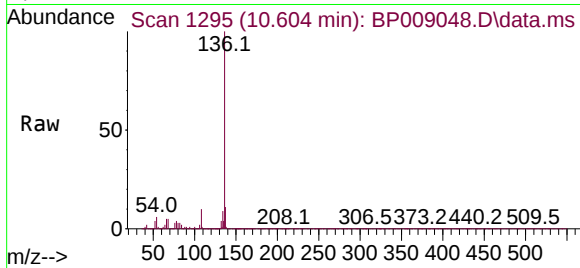


#21  
Naphthalene-d8  
Concen: 20.000 ng  
RT: 10.604 min Scan# 1295  
Delta R.T. 0.000 min  
Lab File: BP009048.D  
Acq: 07 Feb 2022 15:47

Instrument :  
BNA\_P  
ClientSampleId :  
PB142438BS

Tgt Ion:136 Resp: 897752

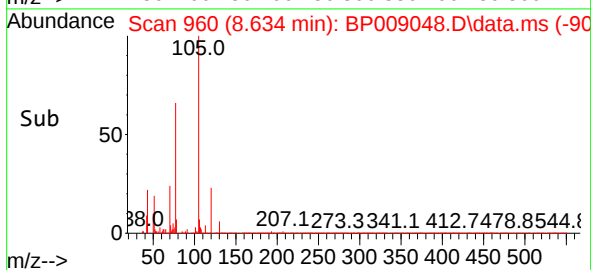
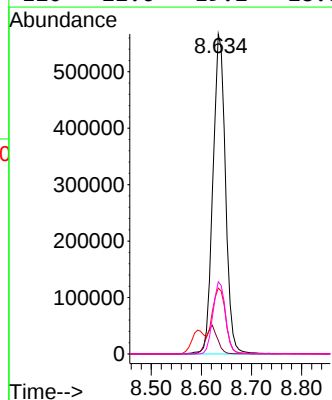
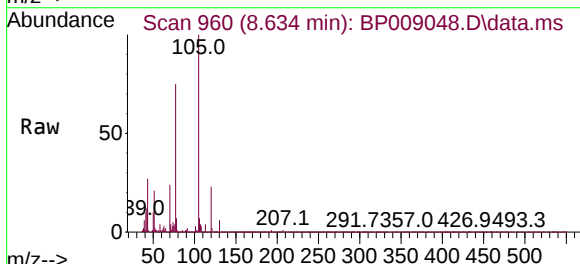
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 136 | 100   |       |       |
| 137 | 11.0  | 9.0   | 13.4  |
| 54  | 6.3   | 4.9   | 7.3   |
| 68  | 5.2   | 4.3   | 6.5   |

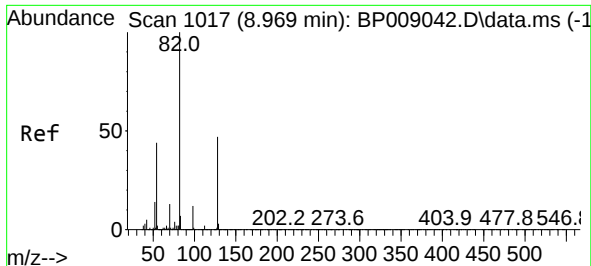


#22  
Acetophenone  
Concen: 46.968 ng  
RT: 8.634 min Scan# 960  
Delta R.T. -0.000 min  
Lab File: BP009048.D  
Acq: 07 Feb 2022 15:47

Tgt Ion:105 Resp: 985693

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 105 | 100   |       |       |
| 71  | 4.3   | 5.3   | 7.9#  |
| 51  | 20.6  | 16.3  | 24.5  |
| 120 | 22.6  | 19.2  | 28.8  |

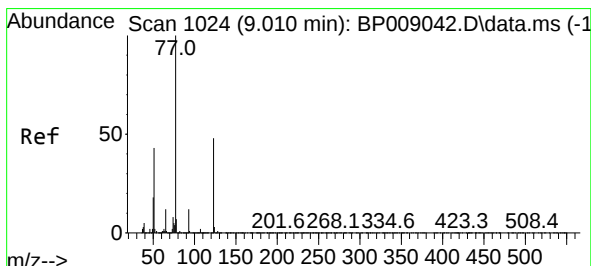
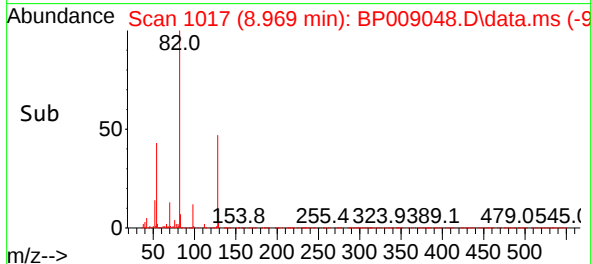
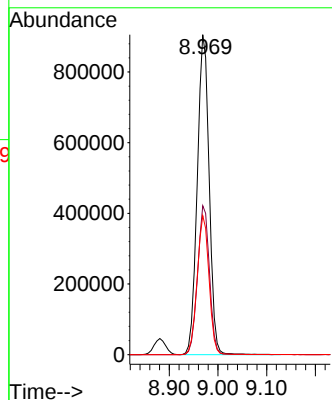
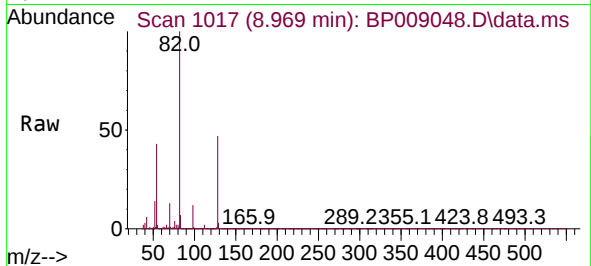




#23  
Nitrobenzene-d5  
Concen: 96.872 ng  
RT: 8.969 min Scan# 1017  
Delta R.T. -0.000 min  
Lab File: BP009048.D  
Acq: 07 Feb 2022 15:47

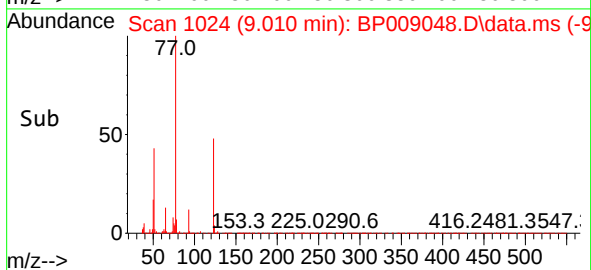
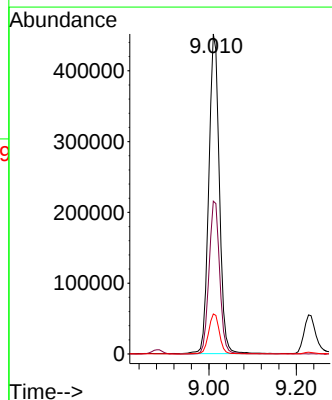
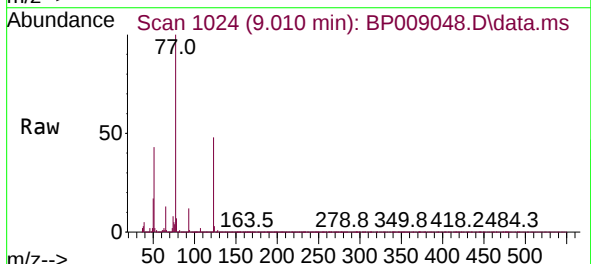
Instrument :  
BNA\_P  
ClientSampleId :  
PB142438BS

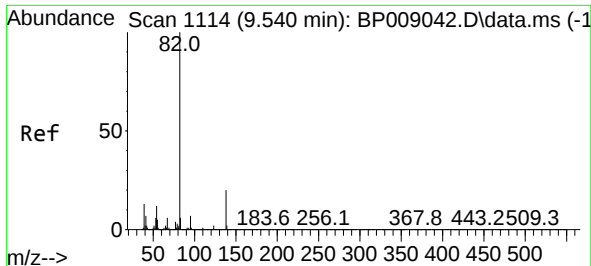
Tgt Ion: 82 Resp: 1542142  
Ion Ratio Lower Upper  
82 100  
128 46.5 39.4 59.2  
54 43.5 32.6 48.8



#24  
Nitrobenzene  
Concen: 50.403 ng  
RT: 9.010 min Scan# 1024  
Delta R.T. -0.000 min  
Lab File: BP009048.D  
Acq: 07 Feb 2022 15:47

Tgt Ion: 77 Resp: 758522  
Ion Ratio Lower Upper  
77 100  
123 47.8 41.4 62.2  
65 12.5 9.8 14.8

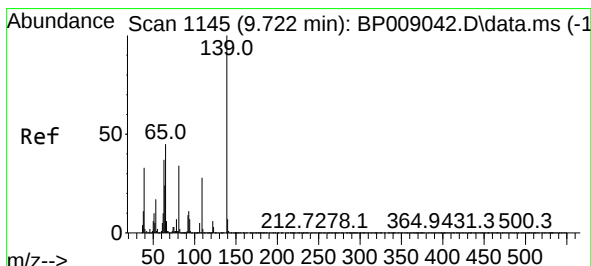
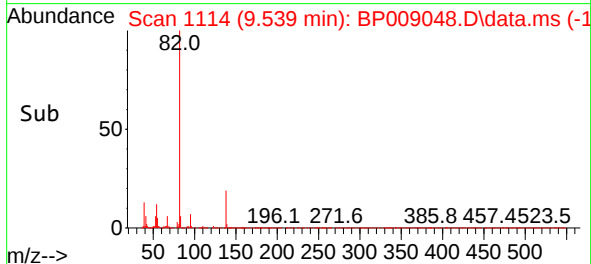
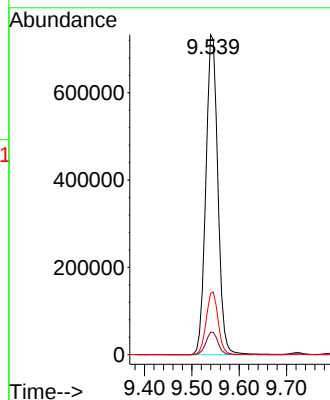
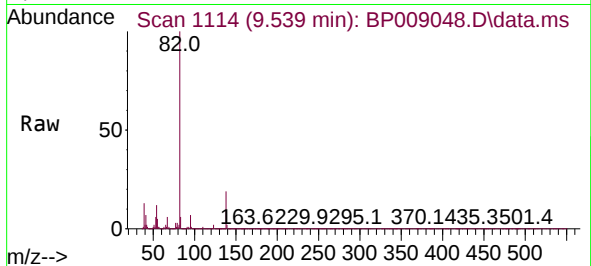




#25  
Isophorone  
Concen: 48.752 ng  
RT: 9.539 min Scan# 1114  
Delta R.T. -0.000 min  
Lab File: BP009048.D  
Acq: 07 Feb 2022 15:47

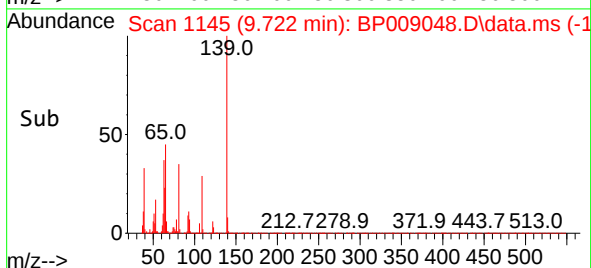
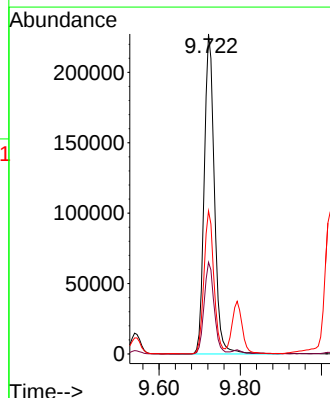
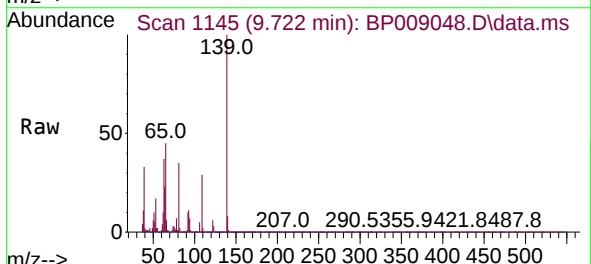
Instrument :  
BNA\_P  
ClientSampleId :  
PB142438BS

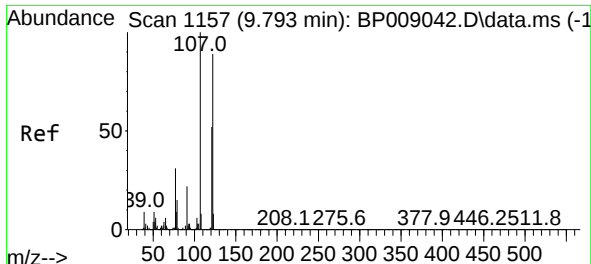
Tgt Ion: 82 Resp: 1289469  
Ion Ratio Lower Upper  
82 100  
95 7.1 5.4 8.2  
138 19.2 16.6 24.8



#26  
2-Nitrophenol  
Concen: 50.727 ng  
RT: 9.722 min Scan# 1145  
Delta R.T. -0.000 min  
Lab File: BP009048.D  
Acq: 07 Feb 2022 15:47

Tgt Ion: 139 Resp: 394824  
Ion Ratio Lower Upper  
139 100  
109 28.6 20.7 31.1  
65 44.7 31.6 47.4





#27

2,4-Dimethylphenol

Concen: 55.046 ng

RT: 9.792 min Scan# 1157

Delta R.T. -0.000 min

Lab File: BP009048.D

Acq: 07 Feb 2022 15:47

Instrument :

BNA\_P

ClientSampleId :

PB142438BS

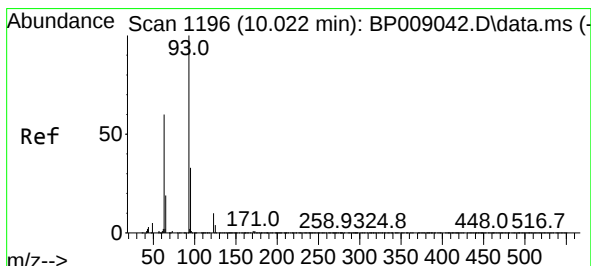
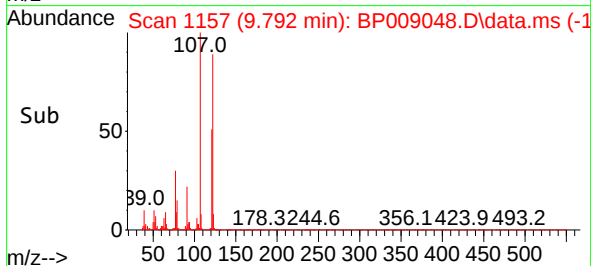
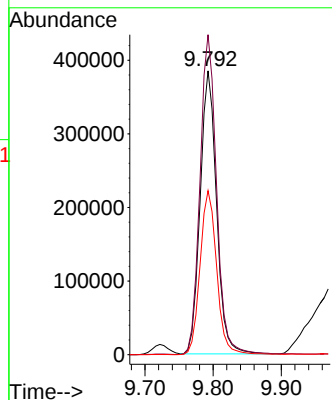
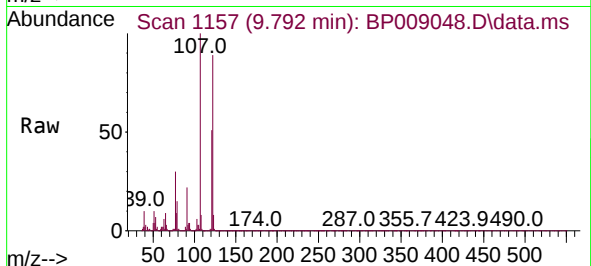
Tgt Ion:122 Resp: 640629

Ion Ratio Lower Upper

122 100

107 112.8 89.6 134.4

121 57.8 47.8 71.8



#28

bis(2-Chloroethoxy)methane

Concen: 46.302 ng

RT: 10.022 min Scan# 1196

Delta R.T. -0.000 min

Lab File: BP009048.D

Acq: 07 Feb 2022 15:47

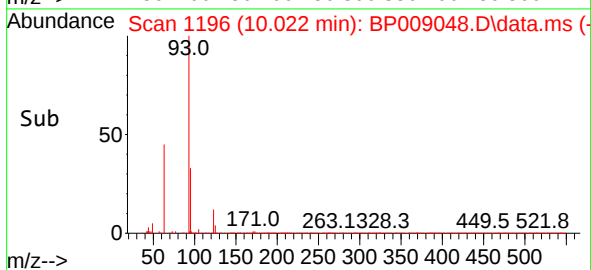
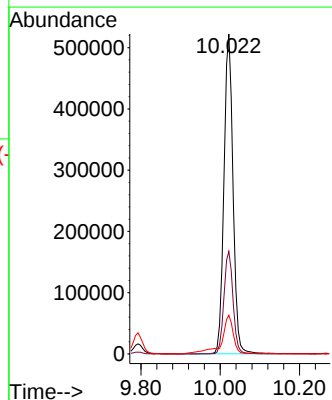
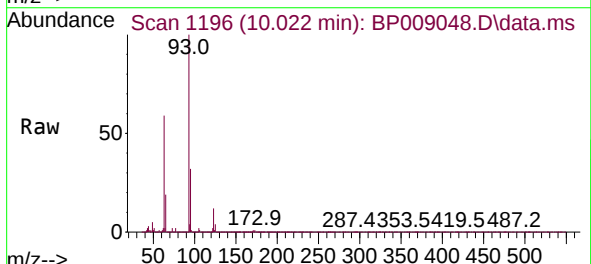
Tgt Ion: 93 Resp: 831275

Ion Ratio Lower Upper

93 100

95 32.0 25.8 38.8

123 12.1 9.7 14.5





#29

2,4-Dichlorophenol

Concen: 47.670 ng

RT: 10.269 min Scan# 1238

Delta R.T. -0.000 min

Lab File: BP009048.D

Acq: 07 Feb 2022 15:47

Instrument :

BNA\_P

ClientSampleId :

PB142438BS

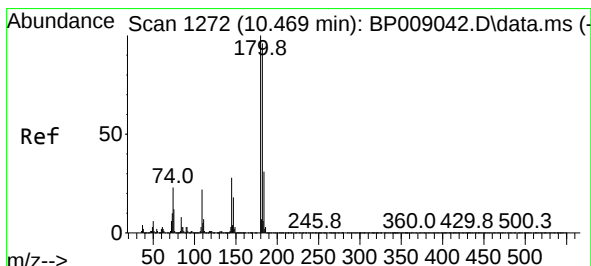
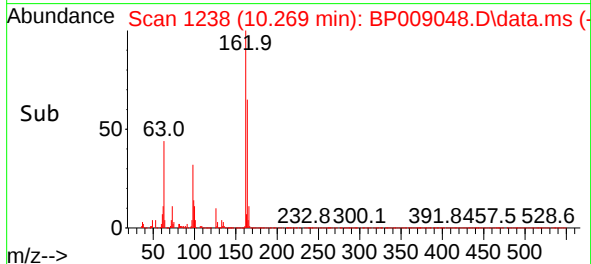
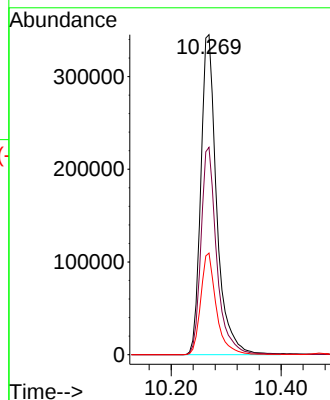
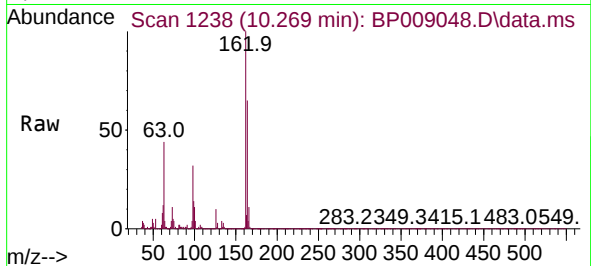
Tgt Ion:162 Resp: 693253

Ion Ratio Lower Upper

162 100

164 64.8 44.9 84.9

98 31.8 11.2 51.2



#30

1,2,4-Trichlorobenzene

Concen: 48.103 ng

RT: 10.469 min Scan# 1272

Delta R.T. -0.000 min

Lab File: BP009048.D

Acq: 07 Feb 2022 15:47

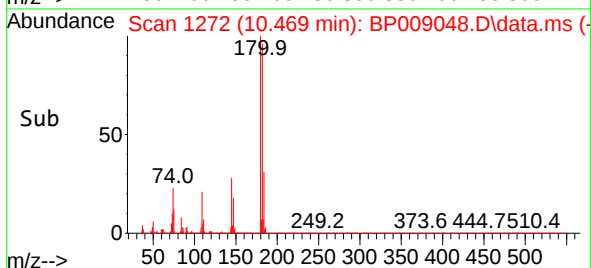
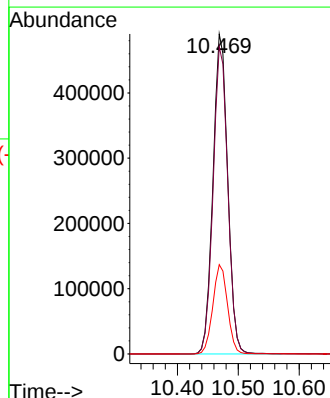
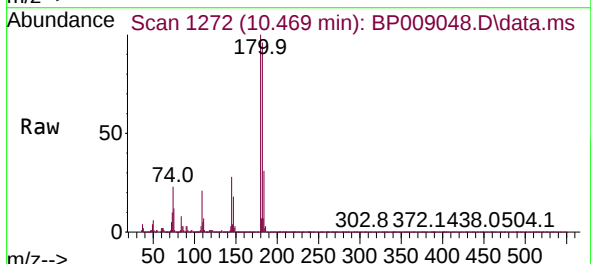
Tgt Ion:180 Resp: 822537

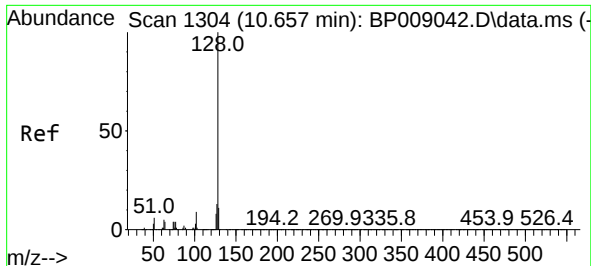
Ion Ratio Lower Upper

180 100

182 96.0 76.7 115.1

145 27.9 22.4 33.6

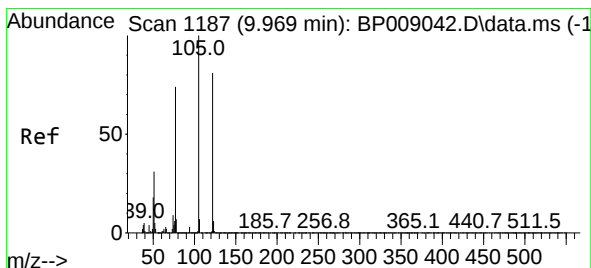
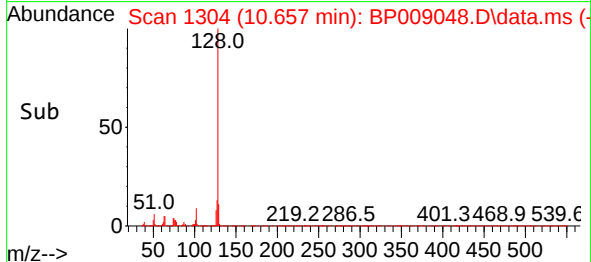
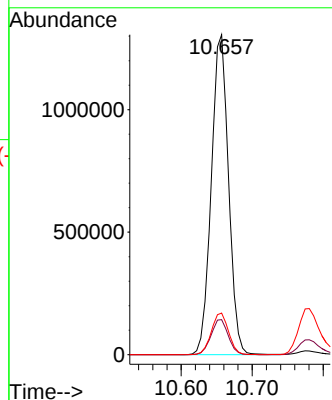
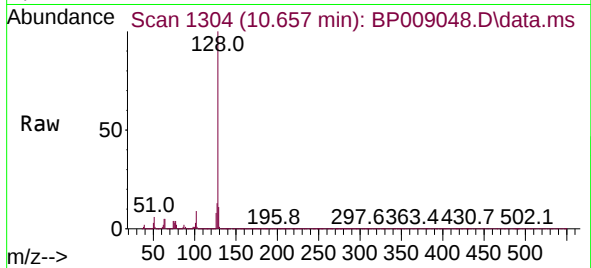




#31  
Naphthalene  
Concen: 47.949 ng  
RT: 10.657 min Scan# 1190  
Delta R.T. -0.000 min  
Lab File: BP009048.D  
Acq: 07 Feb 2022 15:47

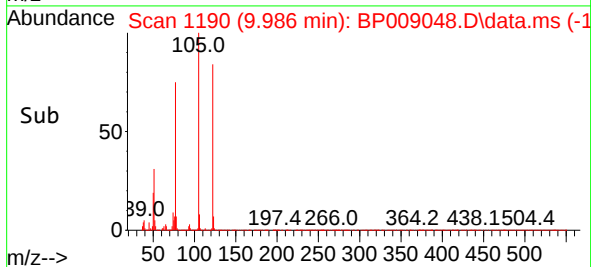
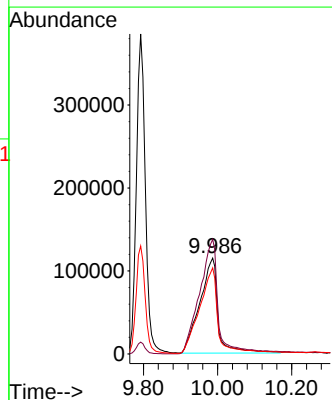
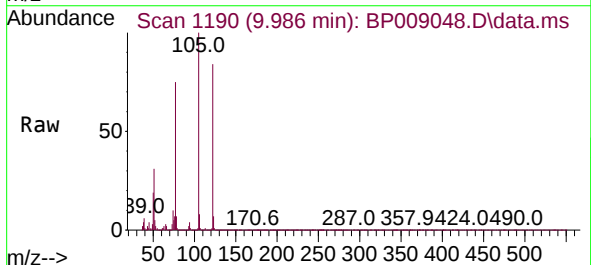
Instrument :  
BNA\_P  
ClientSampleId :  
PB142438BS

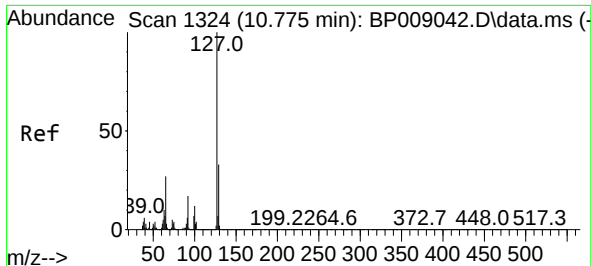
Tgt Ion:128 Resp: 2195514  
Ion Ratio Lower Upper  
128 100  
129 11.0 8.8 13.2  
127 13.0 10.4 15.6



#32  
Benzoic acid  
Concen: 42.164 ng  
RT: 9.986 min Scan# 1190  
Delta R.T. 0.017 min  
Lab File: BP009048.D  
Acq: 07 Feb 2022 15:47

Tgt Ion:122 Resp: 393823  
Ion Ratio Lower Upper  
122 100  
105 119.5 100.1 140.1  
77 89.7 65.5 105.5



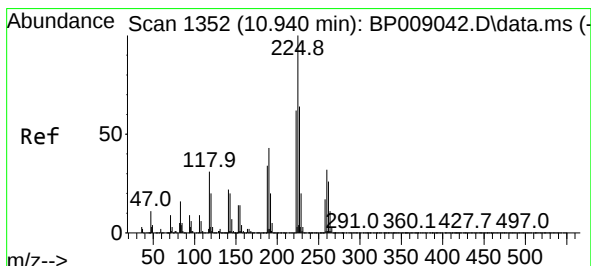
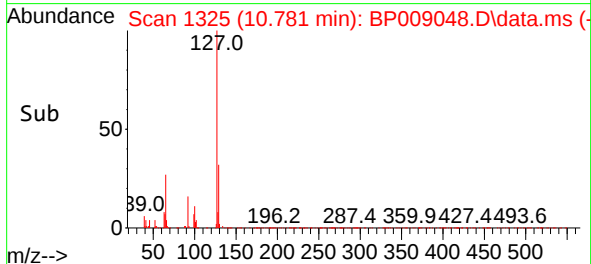
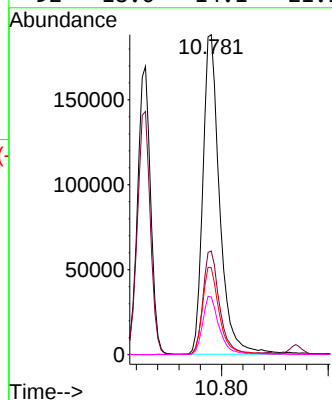
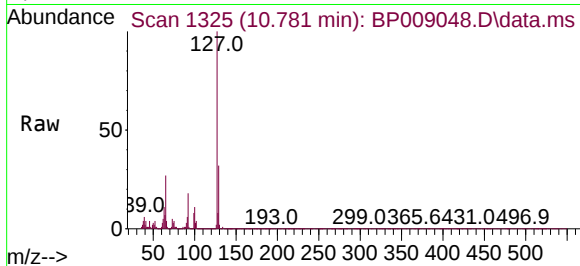


#33  
4-Chloroaniline  
Concen: 22.226 ng  
RT: 10.781 min Scan# 1325  
Delta R.T. 0.006 min  
Lab File: BP009048.D  
Acq: 07 Feb 2022 15:47

Instrument :  
BNA\_P  
ClientSampleId :  
PB142438BS

Tgt Ion:127 Resp: 410940

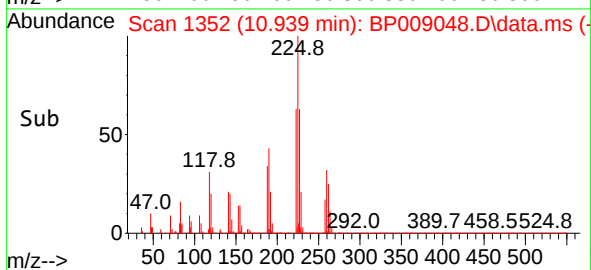
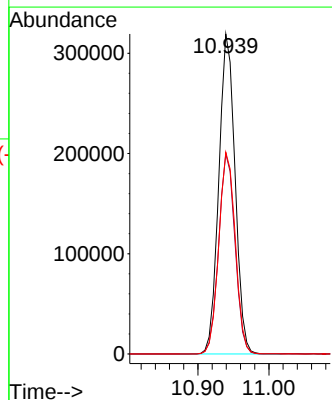
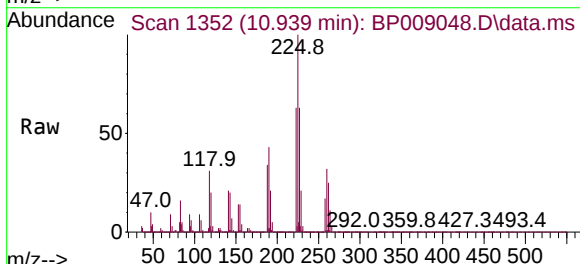
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 127 | 100   |       |       |
| 129 | 32.4  | 26.0  | 39.0  |
| 65  | 27.2  | 20.5  | 30.7  |
| 92  | 18.0  | 14.1  | 21.1  |

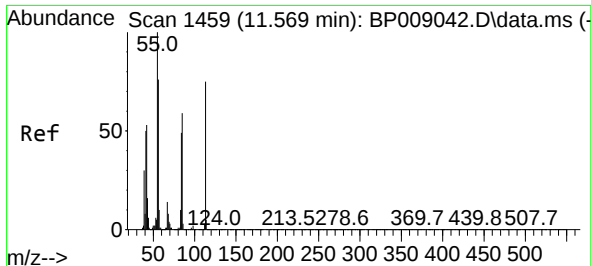


#34  
Hexachlorobutadiene  
Concen: 48.090 ng  
RT: 10.939 min Scan# 1352  
Delta R.T. -0.000 min  
Lab File: BP009048.D  
Acq: 07 Feb 2022 15:47

Tgt Ion:225 Resp: 505848

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 225 | 100   |       |       |
| 223 | 62.6  | 50.1  | 75.1  |
| 227 | 63.1  | 51.5  | 77.3  |

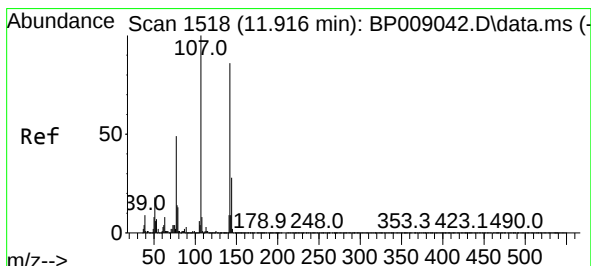
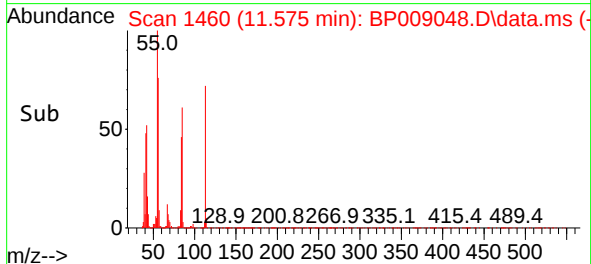
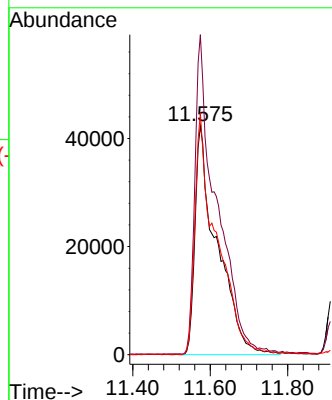
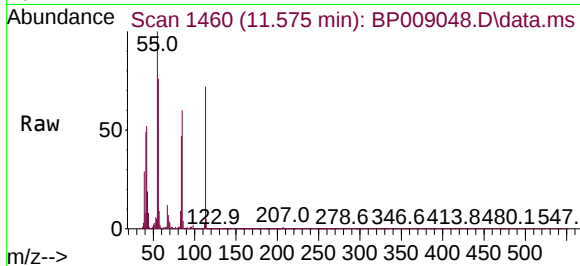




#35  
Caprolactam  
Concen: 38.920 ng  
RT: 11.575 min Scan# 1459  
Delta R.T. 0.006 min  
Lab File: BP009048.D  
Acq: 07 Feb 2022 15:47

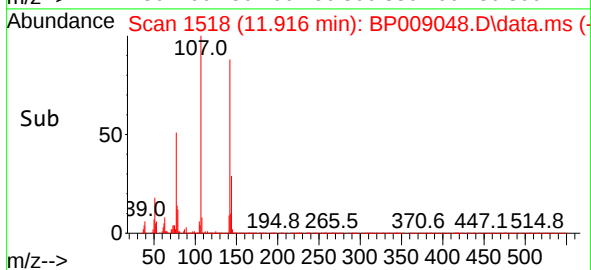
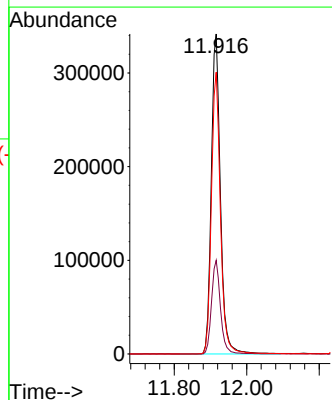
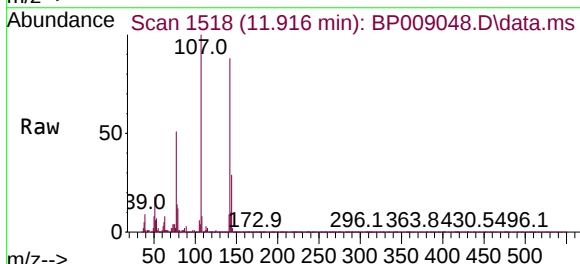
Instrument :  
BNA\_P  
ClientSampleId :  
PB142438BS

Tgt Ion:113 Resp: 165967  
Ion Ratio Lower Upper  
113 100  
55 139.8 107.1 147.1  
56 105.6 74.1 114.1



#36  
4-Chloro-3-methylphenol  
Concen: 43.003 ng  
RT: 11.916 min Scan# 1518  
Delta R.T. -0.000 min  
Lab File: BP009048.D  
Acq: 07 Feb 2022 15:47

Tgt Ion:107 Resp: 596558  
Ion Ratio Lower Upper  
107 100  
144 29.2 23.2 34.8  
142 88.0 70.1 105.1

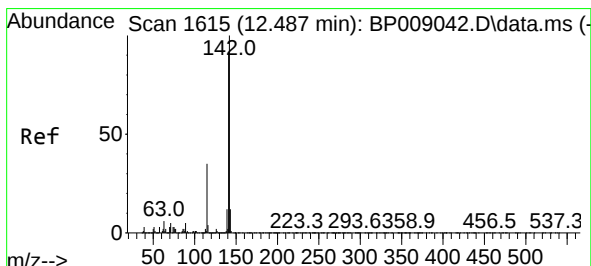
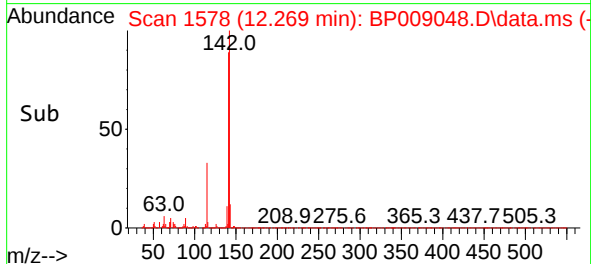
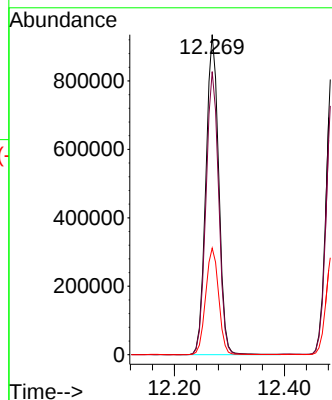
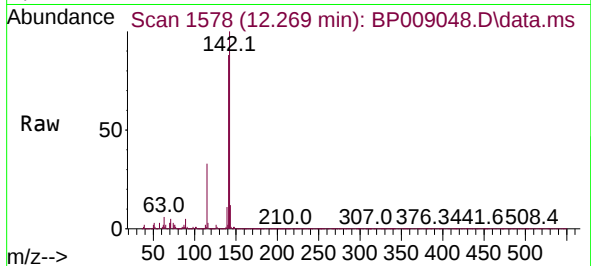




#37  
2-Methylnaphthalene  
Concen: 46.619 ng  
RT: 12.269 min Scan# 1578  
Delta R.T. -0.000 min  
Lab File: BP009048.D  
Acq: 07 Feb 2022 15:47

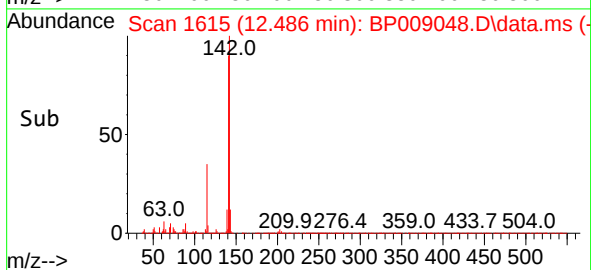
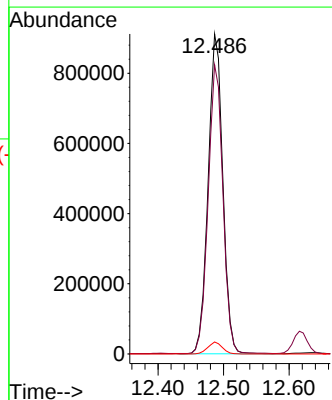
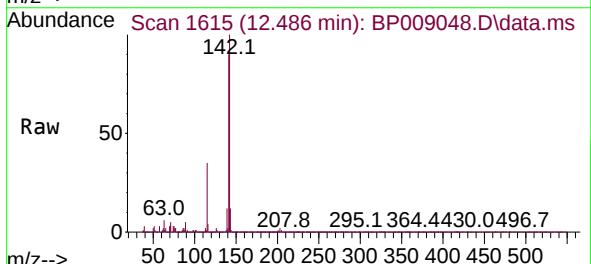
Instrument :  
BNA\_P  
ClientSampleId :  
PB142438BS

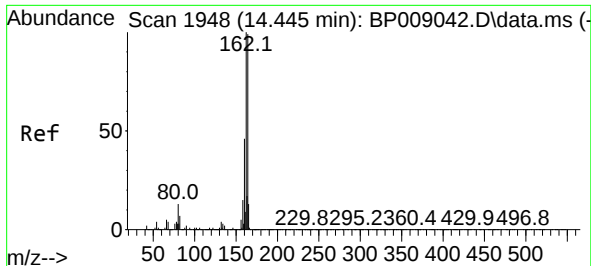
Tgt Ion:142 Resp: 1510560  
Ion Ratio Lower Upper  
142 100  
141 88.5 70.5 105.7  
115 33.3 24.6 36.8



#38  
1-Methylnaphthalene  
Concen: 44.746 ng  
RT: 12.486 min Scan# 1615  
Delta R.T. -0.000 min  
Lab File: BP009048.D  
Acq: 07 Feb 2022 15:47

Tgt Ion:142 Resp: 1416720  
Ion Ratio Lower Upper  
142 100  
141 90.4 73.2 109.8  
116 3.8 2.7 4.1

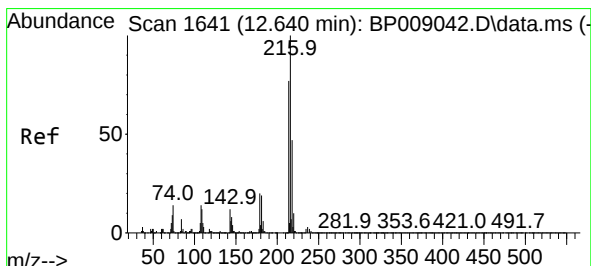
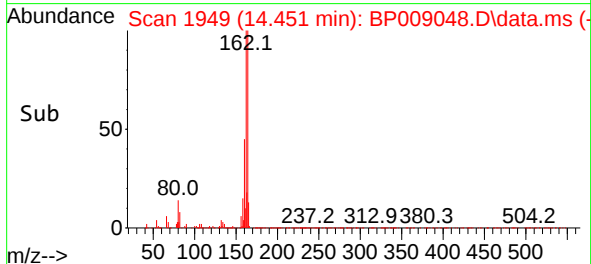
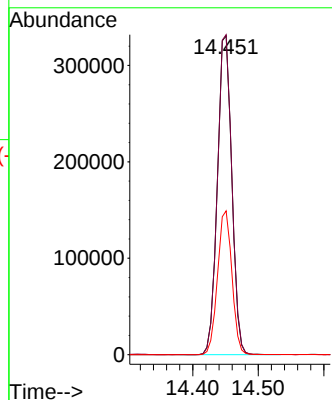
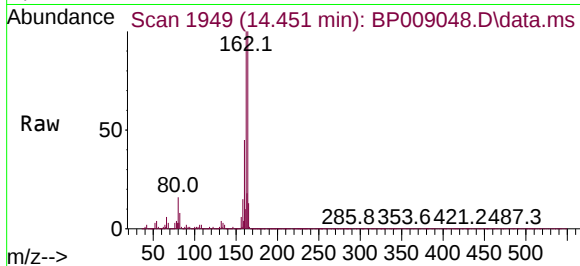




#39  
Acenaphthene-d10  
Concen: 20.000 ng  
RT: 14.451 min Scan# 1949  
Delta R.T. 0.006 min  
Lab File: BP009048.D  
Acq: 07 Feb 2022 15:47

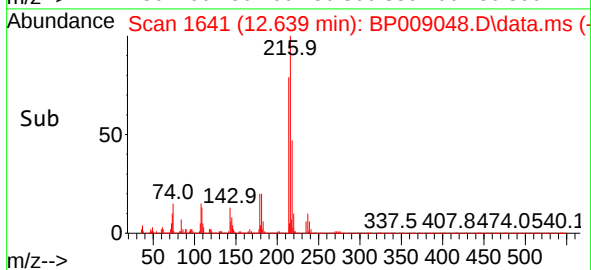
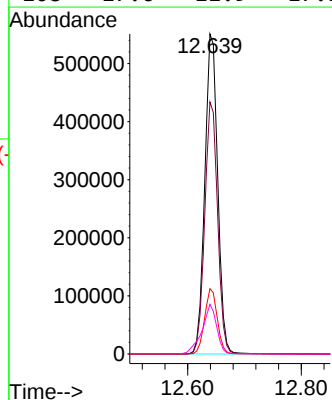
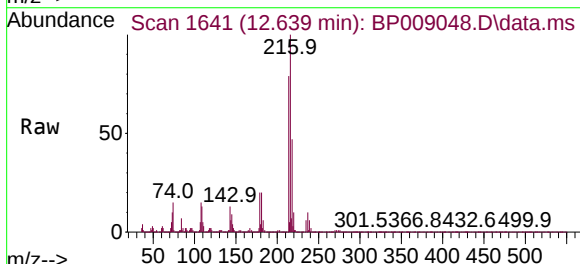
Instrument :  
BNA\_P  
ClientSampleId :  
PB142438BS

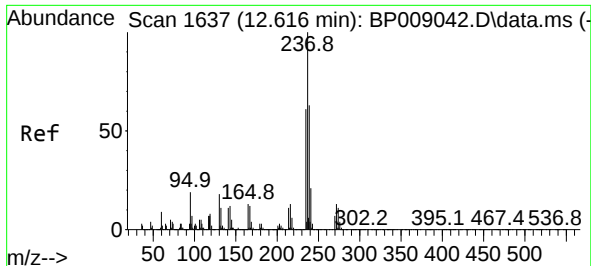
Tgt Ion:164 Resp: 502327  
Ion Ratio Lower Upper  
164 100  
162 100.3 79.9 119.9  
160 45.1 35.5 53.3



#40  
1,2,4,5-Tetrachlorobenzene  
Concen: 54.047 ng  
RT: 12.639 min Scan# 1641  
Delta R.T. -0.000 min  
Lab File: BP009048.D  
Acq: 07 Feb 2022 15:47

Tgt Ion:216 Resp: 864167  
Ion Ratio Lower Upper  
216 100  
214 78.7 63.1 94.7  
179 20.1 16.0 24.0  
108 17.6 11.9 17.9

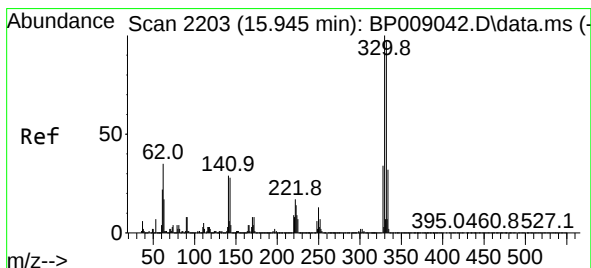
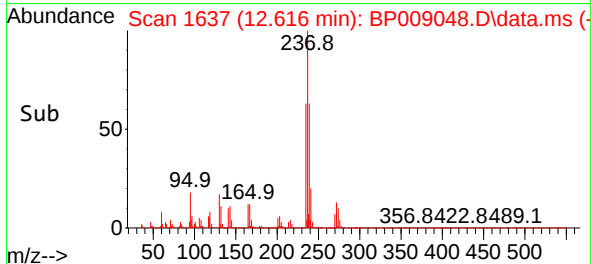
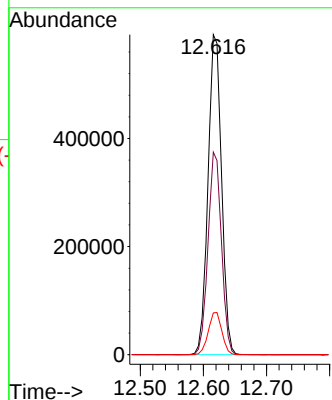
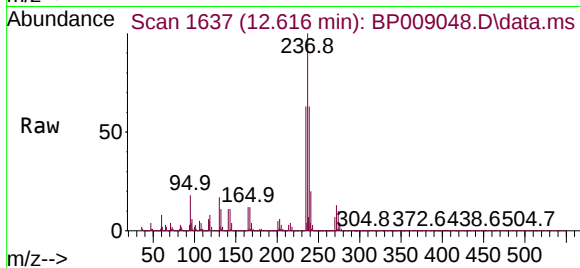




#41  
Hexachlorocyclopentadiene  
Concen: 139.674 ng  
RT: 12.616 min Scan# 1  
Delta R.T. -0.000 min  
Lab File: BP009048.D  
Acq: 07 Feb 2022 15:47

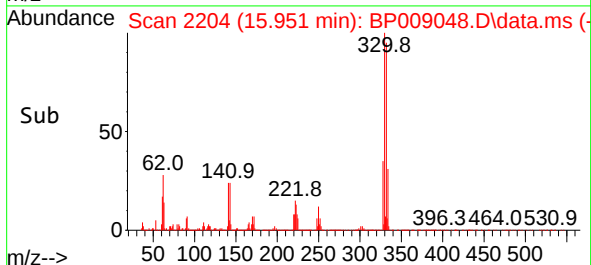
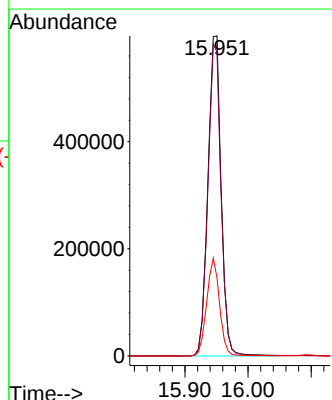
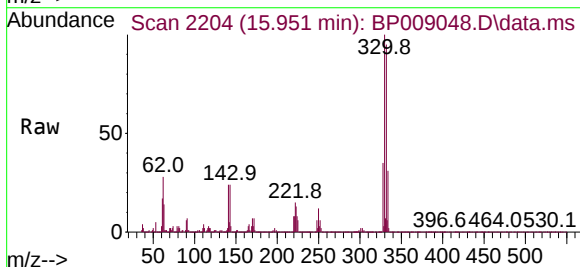
Instrument :  
BNA\_P  
ClientSampleId :  
PB142438BS

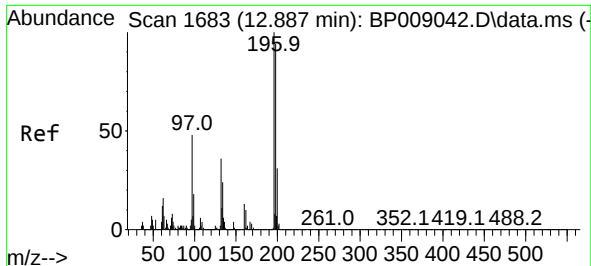
Tgt Ion:237 Resp: 878642  
Ion Ratio Lower Upper  
237 100  
235 63.3 42.9 82.9  
272 13.0 0.0 33.8



#42  
2,4,6-Tribromophenol  
Concen: 129.843 ng  
RT: 15.951 min Scan# 2204  
Delta R.T. 0.006 min  
Lab File: BP009048.D  
Acq: 07 Feb 2022 15:47

Tgt Ion:330 Resp: 870853  
Ion Ratio Lower Upper  
330 100  
332 96.8 77.0 115.4  
141 29.7 21.3 31.9

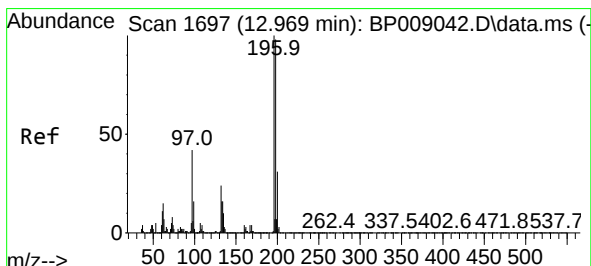
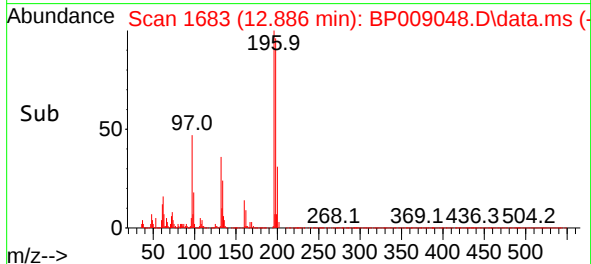
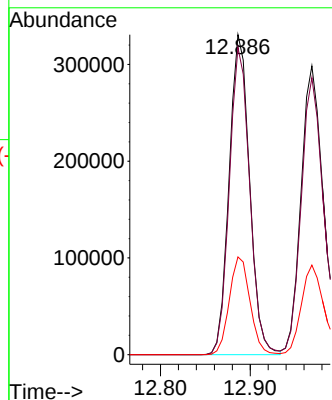
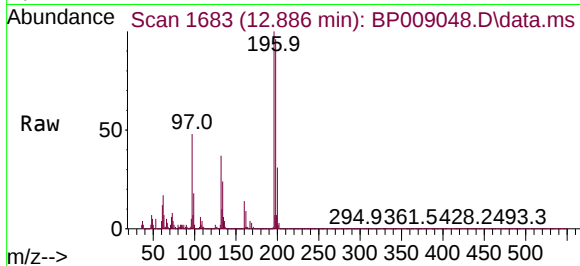




#43  
2,4,6-Trichlorophenol  
Concen: 49.429 ng  
RT: 12.886 min Scan# 1683  
Delta R.T. -0.000 min  
Lab File: BP009048.D  
Acq: 07 Feb 2022 15:47

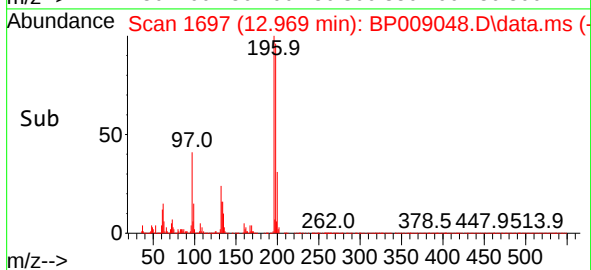
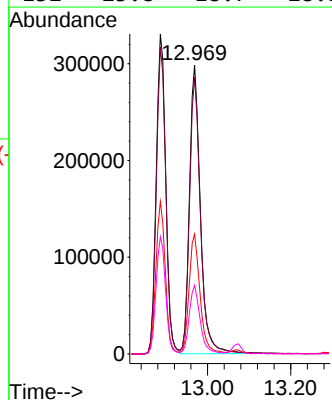
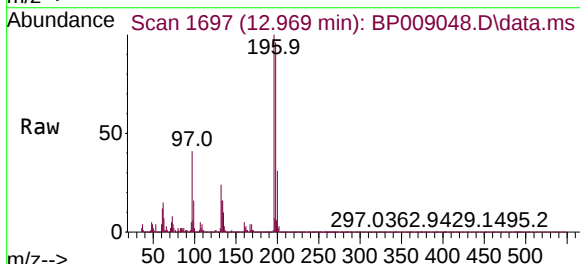
Instrument :  
BNA\_P  
ClientSampleId :  
PB142438BS

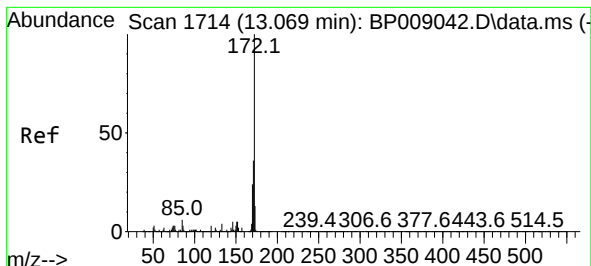
Tgt Ion:196 Resp: 524103  
Ion Ratio Lower Upper  
196 100  
198 96.0 77.8 116.8  
200 30.6 24.7 37.1



#44  
2,4,5-Trichlorophenol  
Concen: 48.220 ng  
RT: 12.969 min Scan# 1697  
Delta R.T. -0.000 min  
Lab File: BP009048.D  
Acq: 07 Feb 2022 15:47

Tgt Ion:196 Resp: 548279  
Ion Ratio Lower Upper  
196 100  
198 95.9 77.7 116.5  
97 41.5 29.6 44.4  
132 23.8 18.7 28.1





#45

2-Fluorobiphenyl

Concen: 98.797 ng

RT: 13.069 min Scan# 1714

Delta R.T. -0.000 min

Lab File: BP009048.D

Acq: 07 Feb 2022 15:47

Instrument :

BNA\_P

ClientSampleId :

PB142438BS

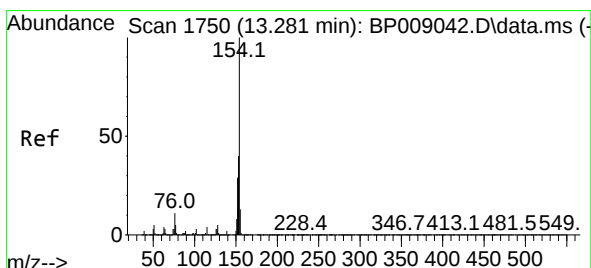
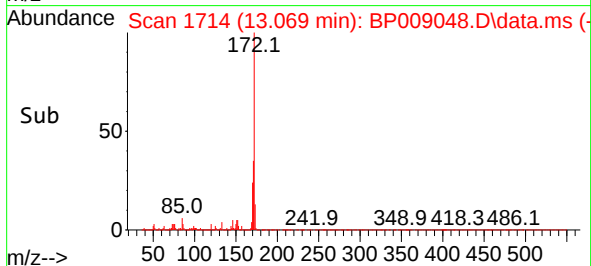
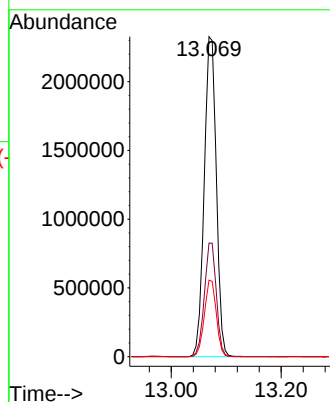
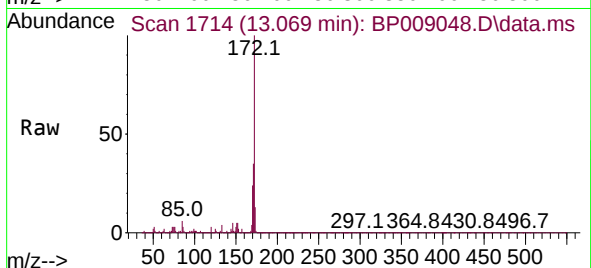
Tgt Ion:172 Resp: 3545155

Ion Ratio Lower Upper

172 100

171 35.5 29.3 43.9

170 23.9 19.5 29.3



#46

1,1'-Biphenyl

Concen: 51.078 ng

RT: 13.280 min Scan# 1750

Delta R.T. -0.000 min

Lab File: BP009048.D

Acq: 07 Feb 2022 15:47

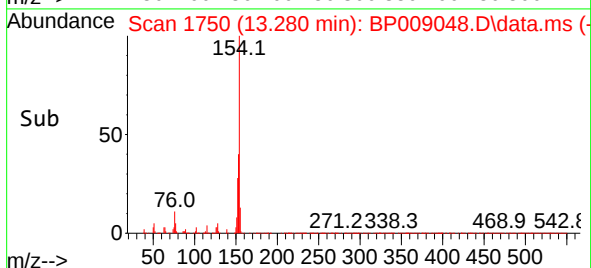
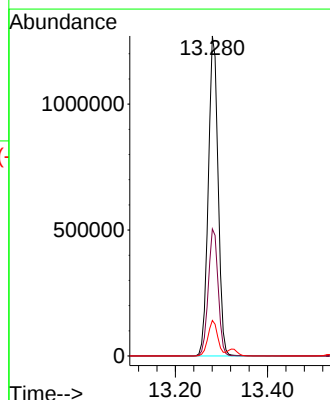
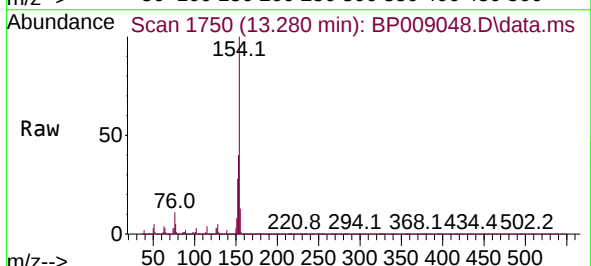
Tgt Ion:154 Resp: 1885135

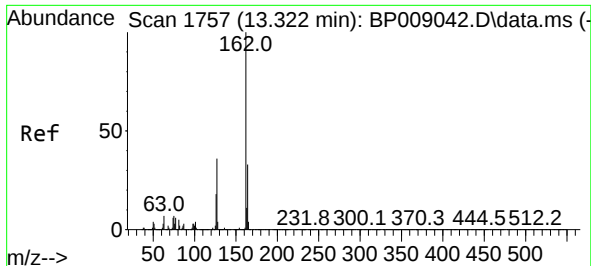
Ion Ratio Lower Upper

154 100

153 39.7 20.3 60.3

76 11.1 0.0 31.1

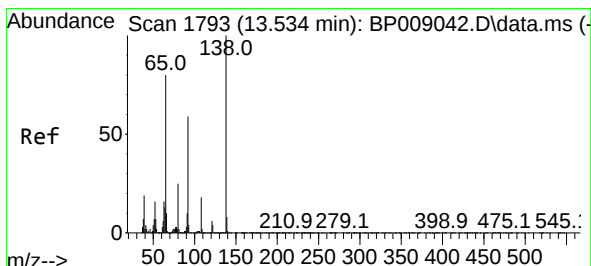
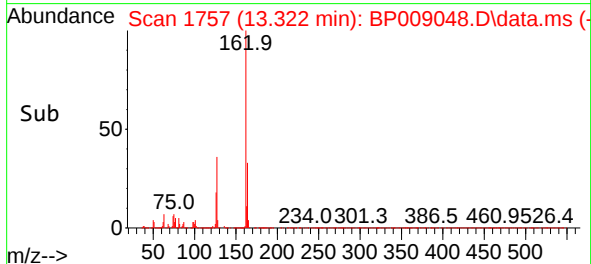
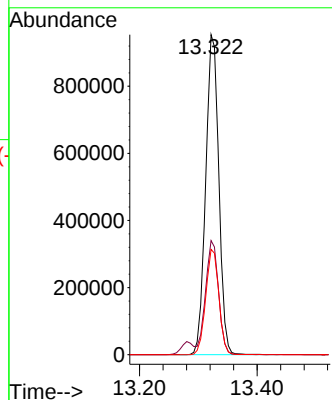
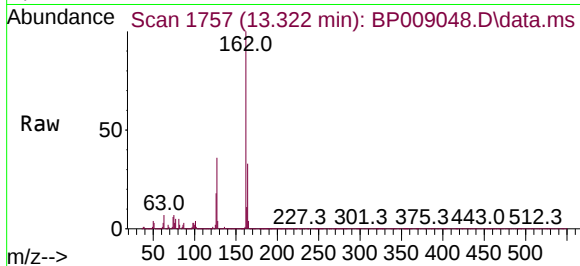




#47  
2-Chloronaphthalene  
Concen: 50.572 ng  
RT: 13.322 min Scan# 1757  
Delta R.T. -0.000 min  
Lab File: BP009048.D  
Acq: 07 Feb 2022 15:47

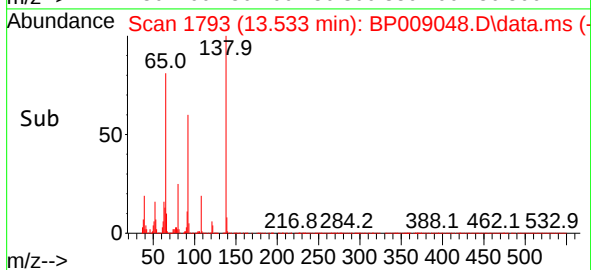
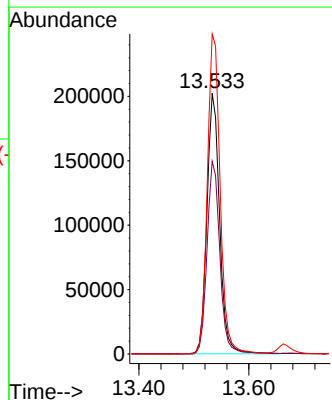
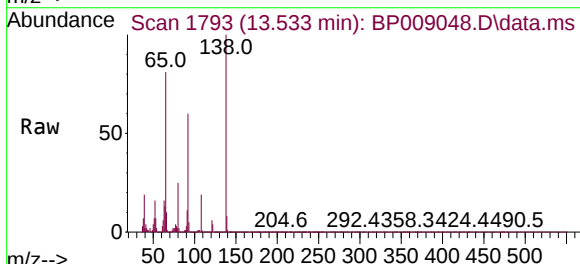
Instrument :  
BNA\_P  
ClientSampleId :  
PB142438BS

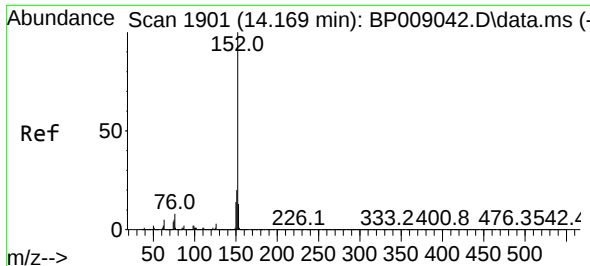
Tgt Ion:162 Resp: 1483129  
Ion Ratio Lower Upper  
162 100  
127 35.6 28.4 42.6  
164 32.9 26.8 40.2



#48  
2-Nitroaniline  
Concen: 47.741 ng  
RT: 13.533 min Scan# 1793  
Delta R.T. -0.000 min  
Lab File: BP009048.D  
Acq: 07 Feb 2022 15:47

Tgt Ion: 65 Resp: 324421  
Ion Ratio Lower Upper  
65 100  
92 73.9 62.2 93.4  
138 122.8 105.8 158.8

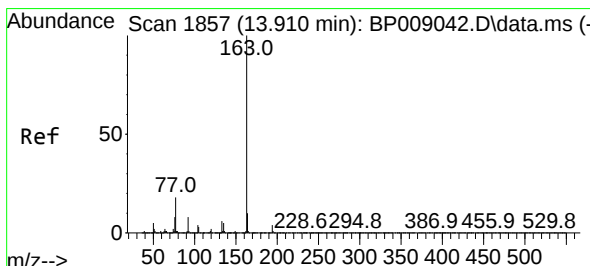
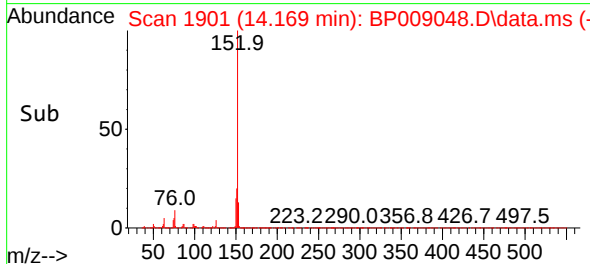
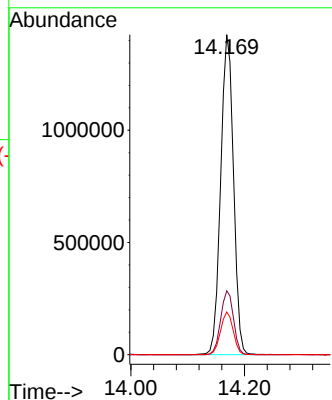
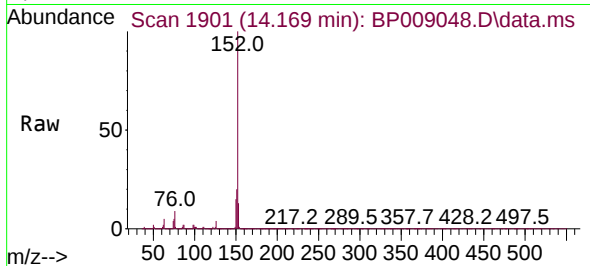




#49  
Acenaphthylene  
Concen: 50.681 ng  
RT: 14.169 min Scan# 1901  
Delta R.T. -0.000 min  
Lab File: BP009048.D  
Acq: 07 Feb 2022 15:47

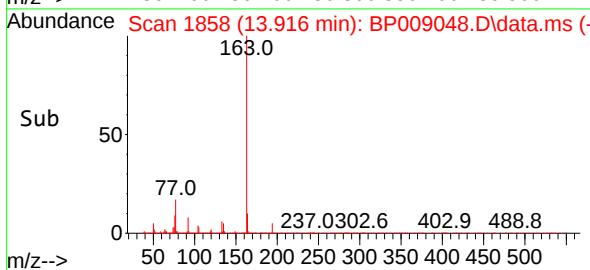
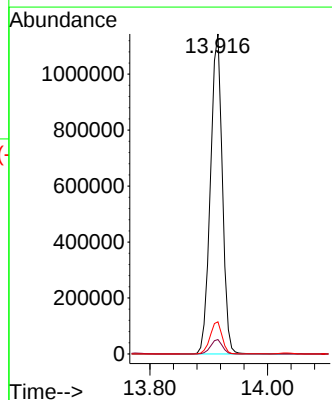
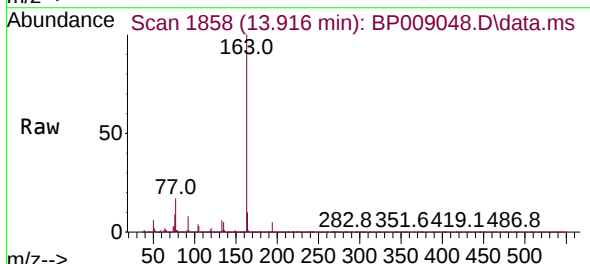
Instrument :  
BNA\_P  
ClientSampleId :  
PB142438BS

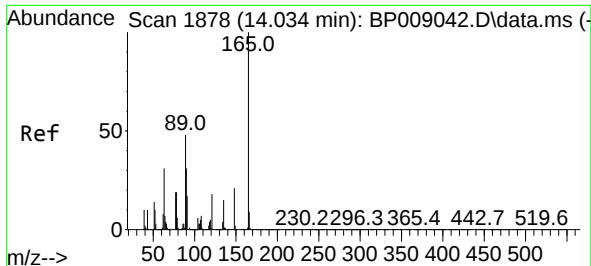
Tgt Ion:152 Resp: 2240813  
Ion Ratio Lower Upper  
152 100  
151 20.0 16.1 24.1  
153 13.4 10.6 16.0



#50  
Dimethylphthalate  
Concen: 44.649 ng  
RT: 13.916 min Scan# 1858  
Delta R.T. 0.006 min  
Lab File: BP009048.D  
Acq: 07 Feb 2022 15:47

Tgt Ion:163 Resp: 1598716  
Ion Ratio Lower Upper  
163 100  
194 4.5 3.8 5.6  
164 10.0 8.2 12.2

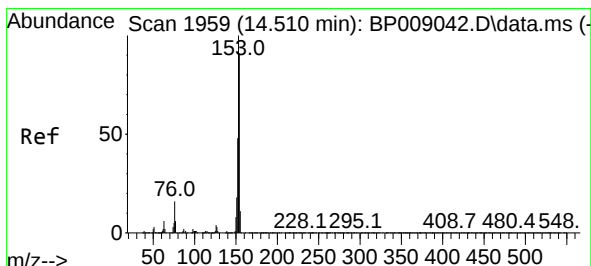
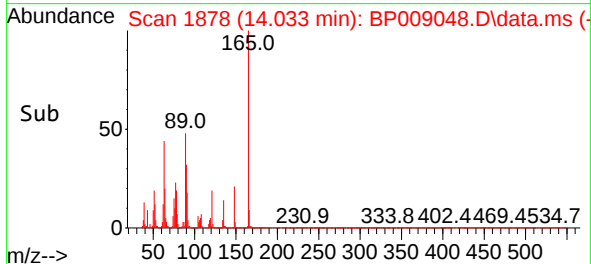
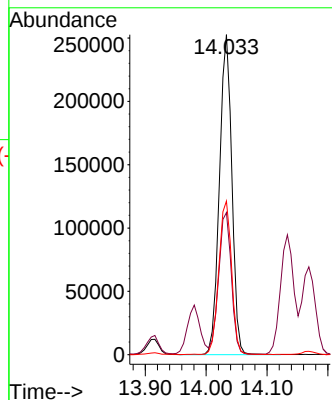
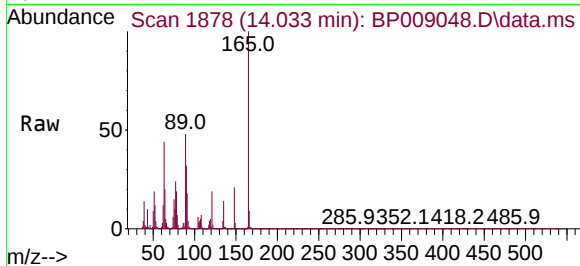




#51  
2,6-Dinitrotoluene  
Concen: 47.695 ng  
RT: 14.033 min Scan# 1878  
Delta R.T. -0.000 min  
Lab File: BP009048.D  
Acq: 07 Feb 2022 15:47

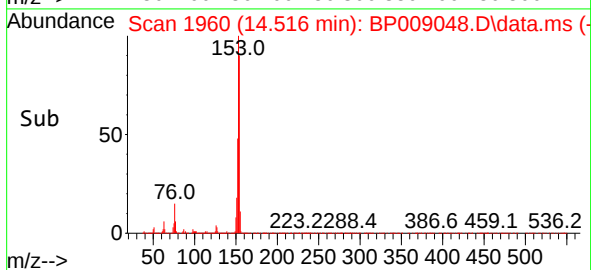
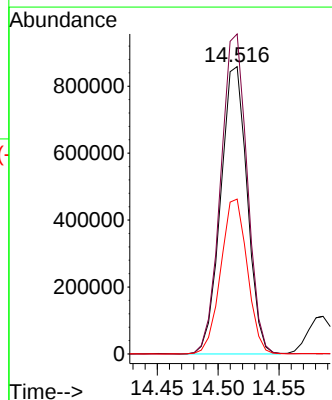
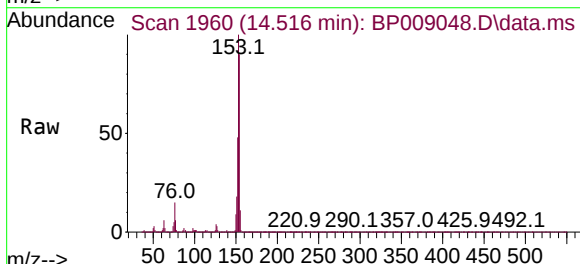
Instrument :  
BNA\_P  
ClientSampleId :  
PB142438BS

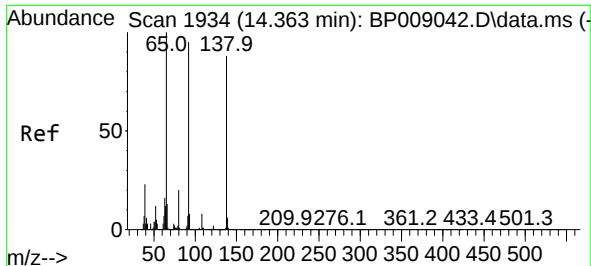
Tgt Ion:165 Resp: 356179  
Ion Ratio Lower Upper  
165 100  
63 44.4 31.8 47.8  
89 48.0 36.1 54.1



#52  
Acenaphthene  
Concen: 48.311 ng  
RT: 14.516 min Scan# 1960  
Delta R.T. 0.006 min  
Lab File: BP009048.D  
Acq: 07 Feb 2022 15:47

Tgt Ion:154 Resp: 1299668  
Ion Ratio Lower Upper  
154 100  
153 111.4 89.4 134.2  
152 53.9 42.6 63.8

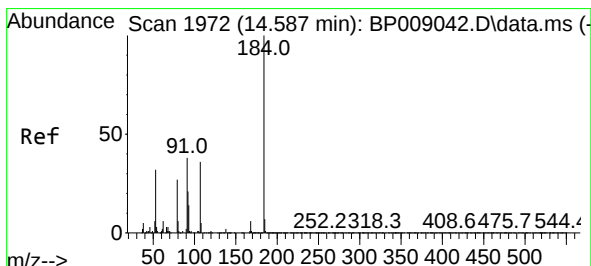
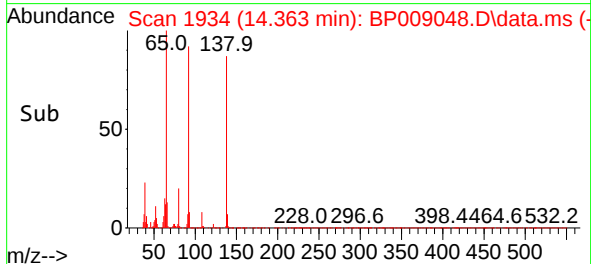
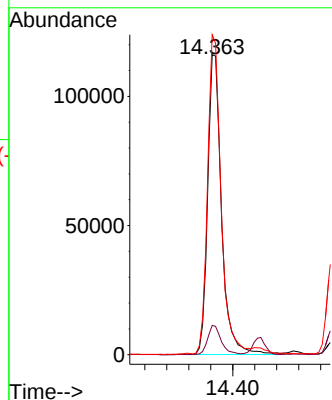
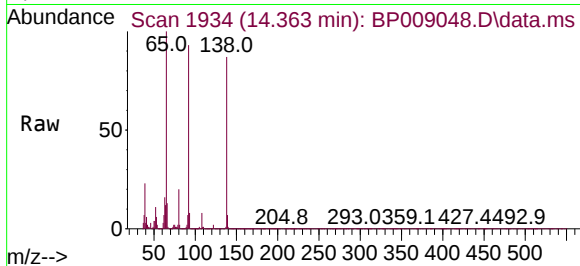




#53  
3-Nitroaniline  
Concen: 26.539 ng  
RT: 14.363 min Scan# 1934  
Delta R.T. -0.000 min  
Lab File: BP009048.D  
Acq: 07 Feb 2022 15:47

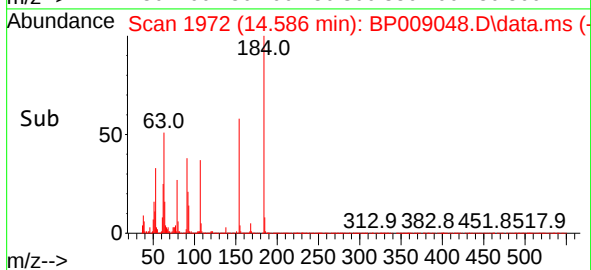
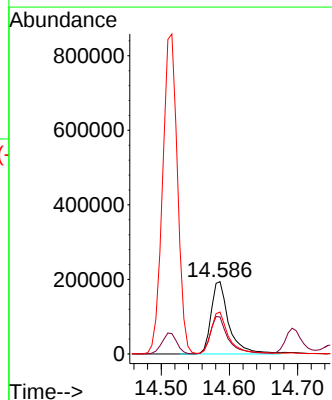
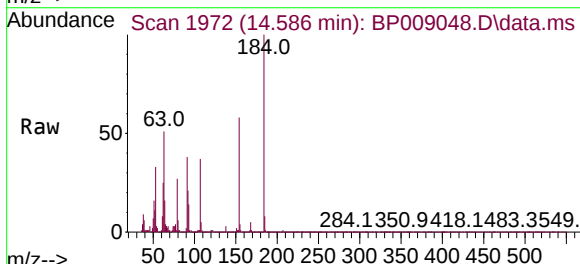
Instrument :  
BNA\_P  
ClientSampleId :  
PB142438BS

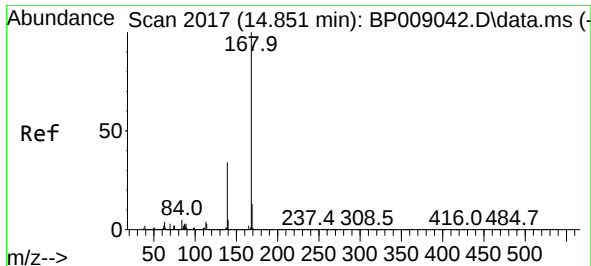
Tgt Ion:138 Resp: 202713  
Ion Ratio Lower Upper  
138 100  
108 9.8 8.0 12.0  
92 106.6 81.7 122.5



#54  
2,4-Dinitrophenol  
Concen: 72.248 ng  
RT: 14.586 min Scan# 1972  
Delta R.T. -0.001 min  
Lab File: BP009048.D  
Acq: 07 Feb 2022 15:47

Tgt Ion:184 Resp: 352132  
Ion Ratio Lower Upper  
184 100  
63 51.0 35.6 53.4  
154 58.0 43.4 65.0

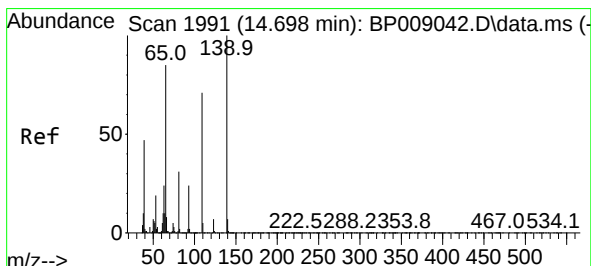
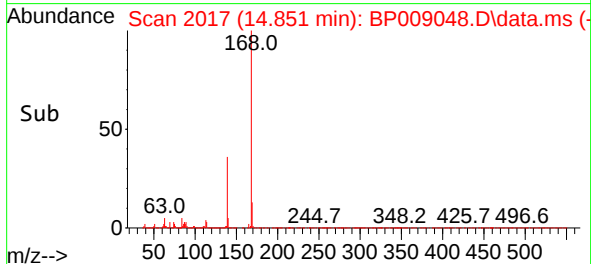
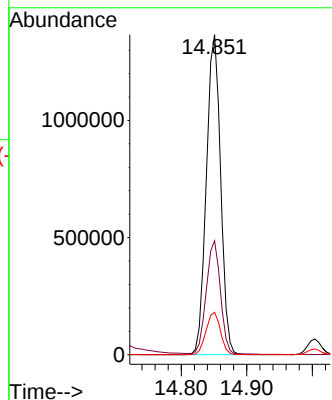
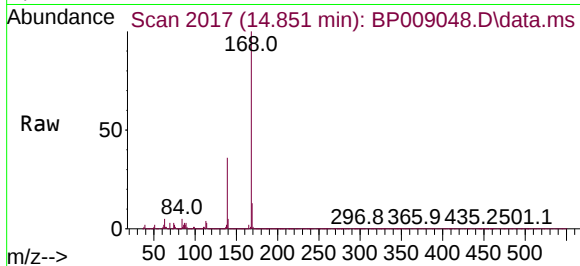




#55  
Dibenzofuran  
Concen: 45.644 ng  
RT: 14.851 min Scan# 2017  
Delta R.T. -0.000 min  
Lab File: BP009048.D  
Acq: 07 Feb 2022 15:47

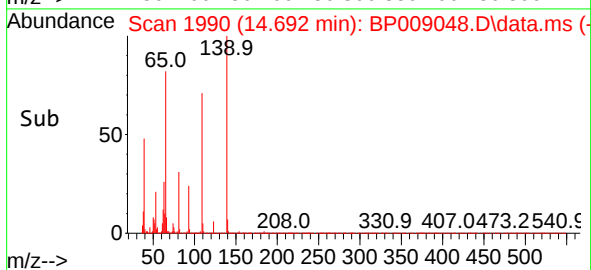
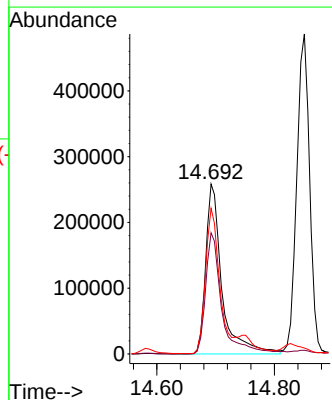
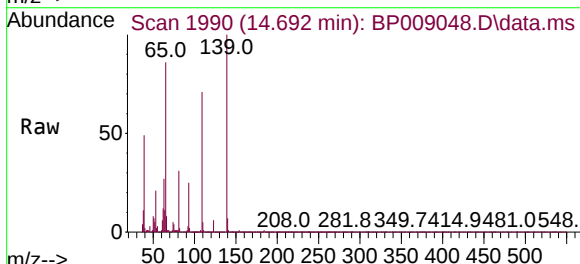
Instrument :  
BNA\_P  
ClientSampleId :  
PB142438BS

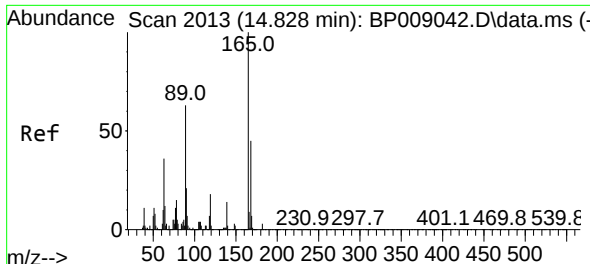
Tgt Ion:168 Resp: 2068745  
Ion Ratio Lower Upper  
168 100  
139 35.6 27.4 41.0  
169 13.3 10.9 16.3



#56  
4-Nitrophenol  
Concen: 76.519 ng  
RT: 14.692 min Scan# 1990  
Delta R.T. -0.006 min  
Lab File: BP009048.D  
Acq: 07 Feb 2022 15:47

Tgt Ion:139 Resp: 497153  
Ion Ratio Lower Upper  
139 100  
109 71.3 42.2 82.2  
65 85.7 57.3 97.3

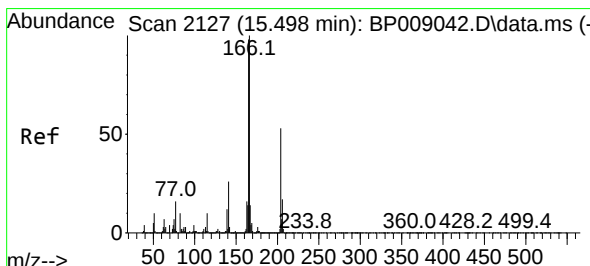
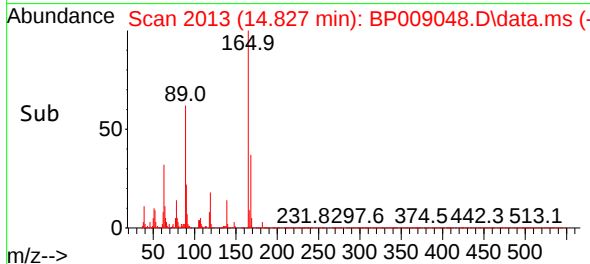
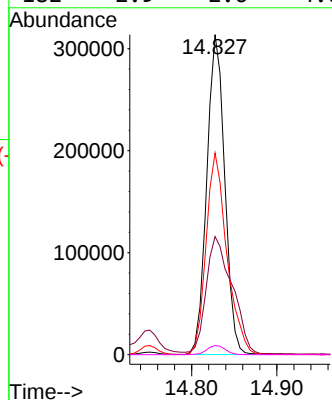
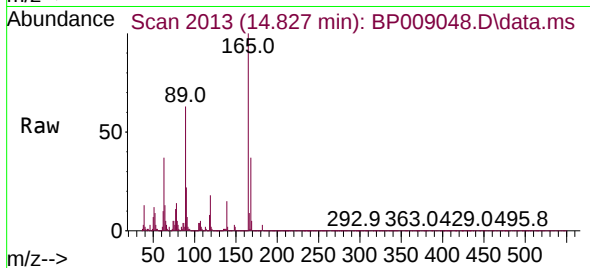




#57  
2,4-Dinitrotoluene  
Concen: 46.964 ng  
RT: 14.827 min Scan# 2013  
Delta R.T. -0.000 min  
Lab File: BP009048.D  
Acq: 07 Feb 2022 15:47

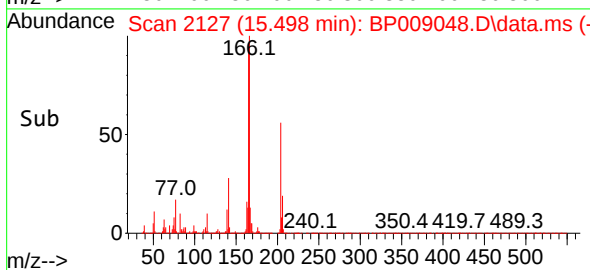
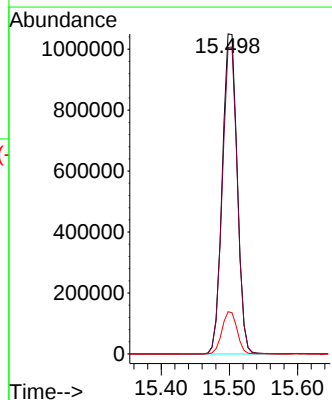
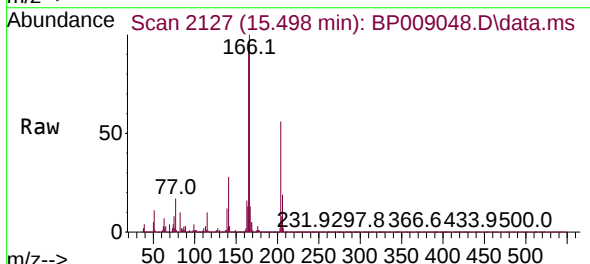
Instrument :  
BNA\_P  
ClientSampleId :  
PB142438BS

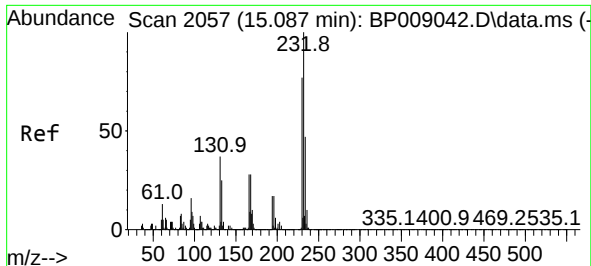
Tgt Ion:165 Resp: 458030  
Ion Ratio Lower Upper  
165 100  
63 36.9 23.3 34.9#  
89 63.0 44.2 66.4  
182 2.9 2.6 4.0



#58  
Fluorene  
Concen: 45.958 ng  
RT: 15.498 min Scan# 2127  
Delta R.T. -0.000 min  
Lab File: BP009048.D  
Acq: 07 Feb 2022 15:47

Tgt Ion:166 Resp: 1600265  
Ion Ratio Lower Upper  
166 100  
165 95.8 77.2 115.8  
167 13.2 11.2 16.8





#59

2,3,4,6-Tetrachlorophenol

Concen: 43.182 ng

RT: 15.004 min Scan# 20

Delta R.T. -0.083 min

Lab File: BP009048.D

Acq: 07 Feb 2022 15:47

Instrument :

BNA\_P

ClientSampleId :

PB142438BS

Tgt Ion:232 Resp: 429688

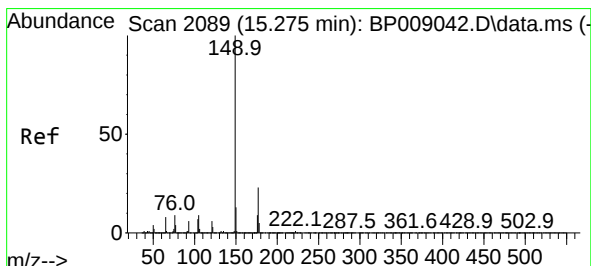
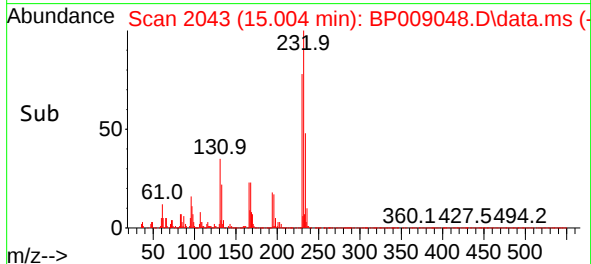
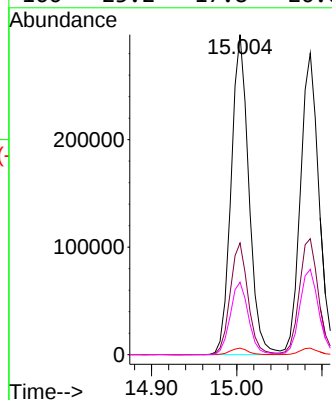
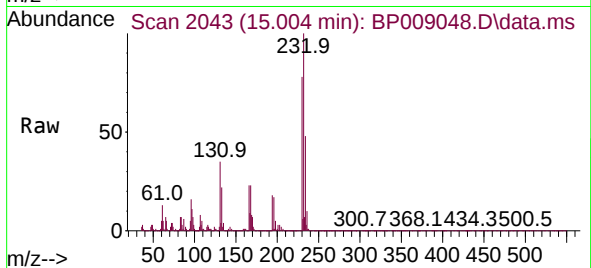
Ion Ratio Lower Upper

232 100

131 35.3 25.2 37.8

130 2.0 1.4 2.2

166 23.2 17.8 26.6



#60

Diethylphthalate

Concen: 43.214 ng

RT: 15.280 min Scan# 2090

Delta R.T. 0.005 min

Lab File: BP009048.D

Acq: 07 Feb 2022 15:47

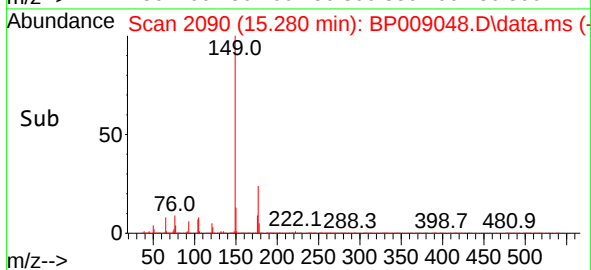
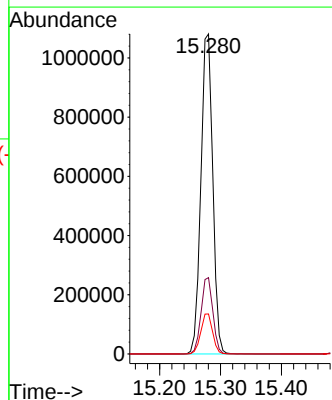
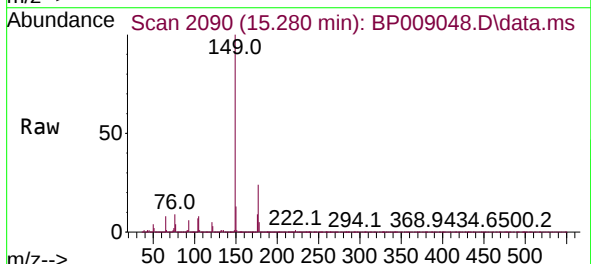
Tgt Ion:149 Resp: 1463097

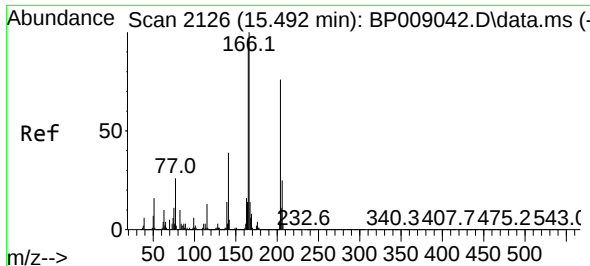
Ion Ratio Lower Upper

149 100

177 23.9 19.9 29.9

150 12.5 10.3 15.5

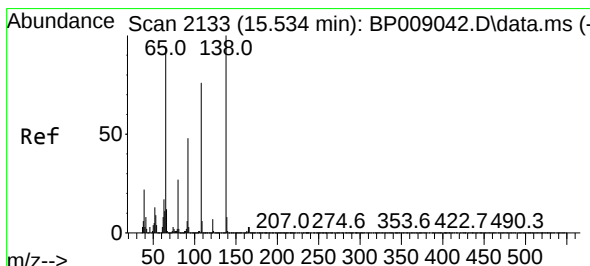
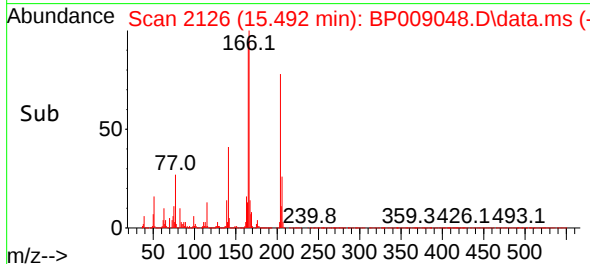
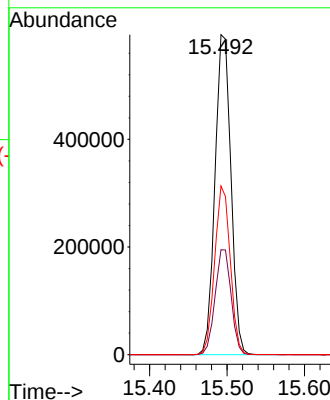
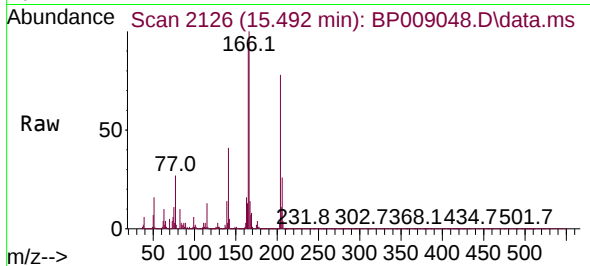




#61  
4-Chlorophenyl-phenylether  
Concen: 44.913 ng  
RT: 15.492 min Scan# 2126  
Delta R.T. -0.000 min  
Lab File: BP009048.D  
Acq: 07 Feb 2022 15:47

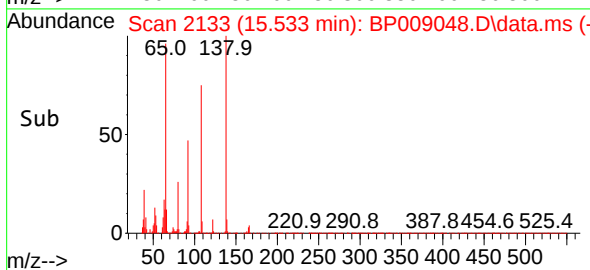
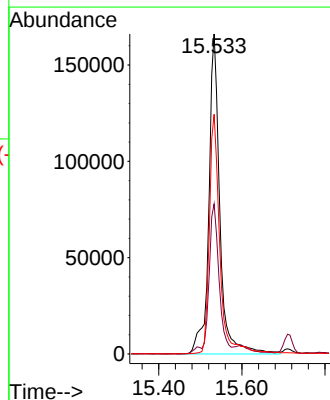
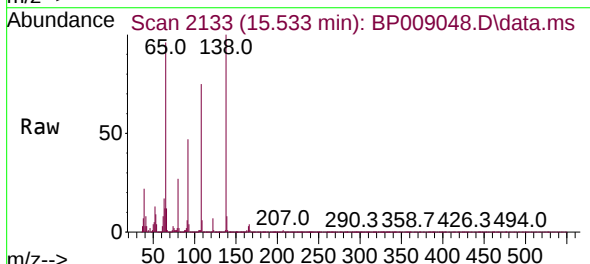
Instrument :  
BNA\_P  
ClientSampleId :  
PB142438BS

Tgt Ion:204 Resp: 849712  
Ion Ratio Lower Upper  
204 100  
206 32.8 26.3 39.5  
141 52.7 39.1 58.7



#62  
4-Nitroaniline  
Concen: 40.009 ng  
RT: 15.533 min Scan# 2133  
Delta R.T. -0.000 min  
Lab File: BP009048.D  
Acq: 07 Feb 2022 15:47

Tgt Ion:138 Resp: 307278  
Ion Ratio Lower Upper  
138 100  
92 46.9 24.3 64.3  
108 74.9 44.8 84.8

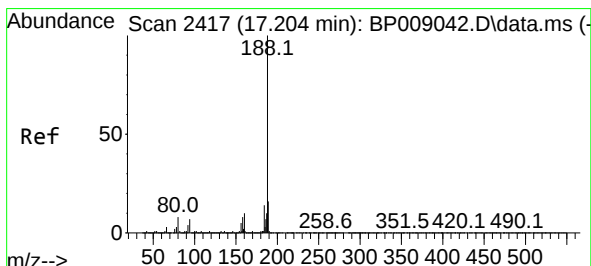
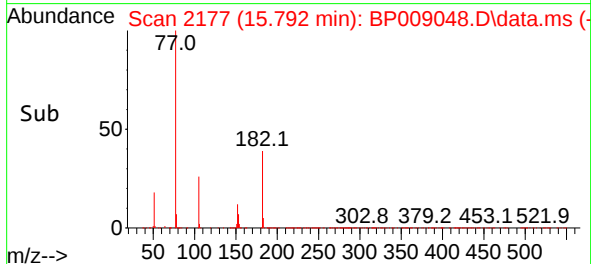
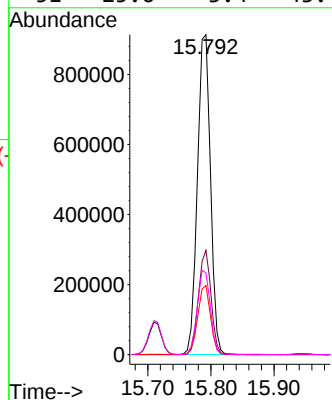
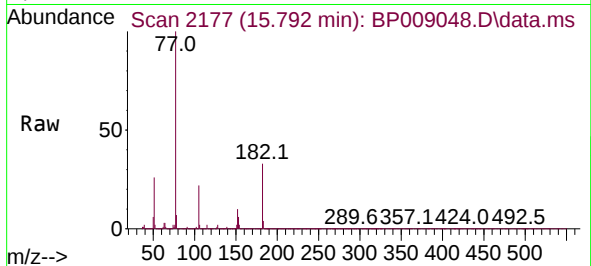




#63  
Azobenzene  
Concen: 44.644 ng  
RT: 15.792 min Scan# 2176  
Delta R.T. 0.006 min  
Lab File: BP009048.D  
Acq: 07 Feb 2022 15:47

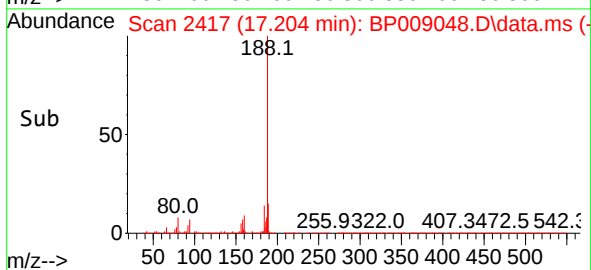
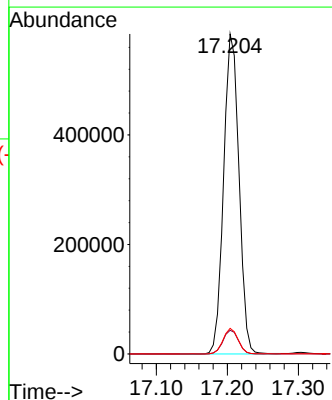
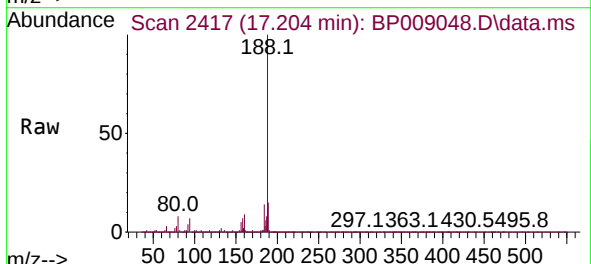
Instrument :  
BNA\_P  
ClientSampleId :  
PB142438BS

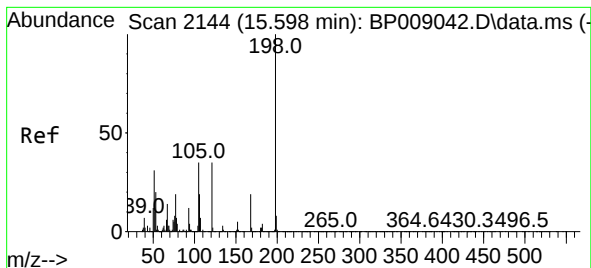
Tgt Ion: 77 Resp: 1307807  
Ion Ratio Lower Upper  
77 100  
182 32.6 15.3 55.3  
105 21.6 3.2 43.2  
51 25.6 3.4 43.4



#64  
Phenanthrene-d10  
Concen: 20.000 ng  
RT: 17.204 min Scan# 2417  
Delta R.T. -0.000 min  
Lab File: BP009048.D  
Acq: 07 Feb 2022 15:47

Tgt Ion:188 Resp: 873268  
Ion Ratio Lower Upper  
188 100  
94 7.4 6.8 10.2  
80 8.0 7.2 10.8

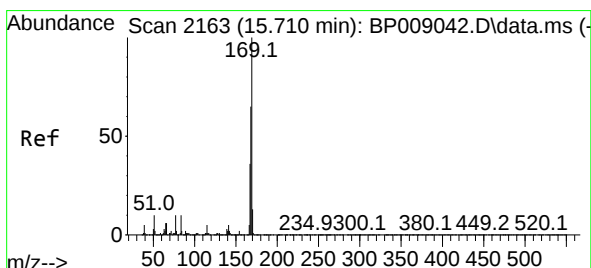
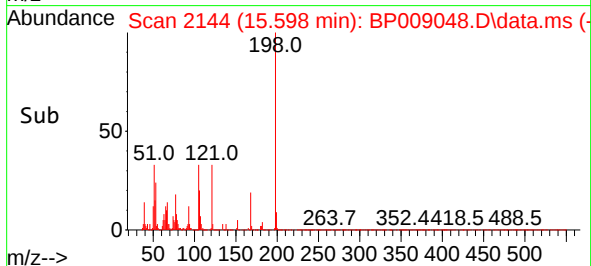
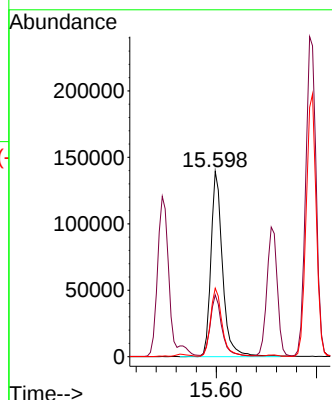
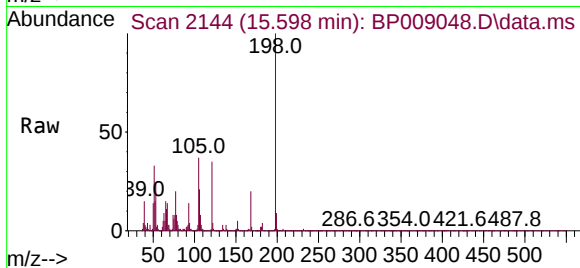




#65  
4,6-Dinitro-2-methylphenol  
Concen: 41.915 ng  
RT: 15.598 min Scan# 2144  
Delta R.T. -0.000 min  
Lab File: BP009048.D  
Acq: 07 Feb 2022 15:47

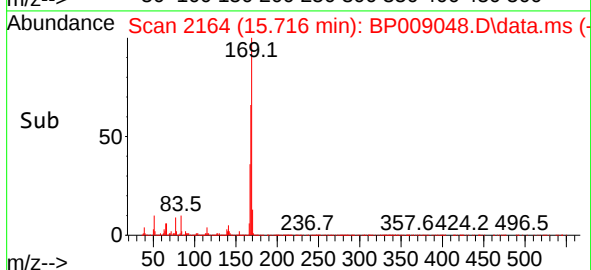
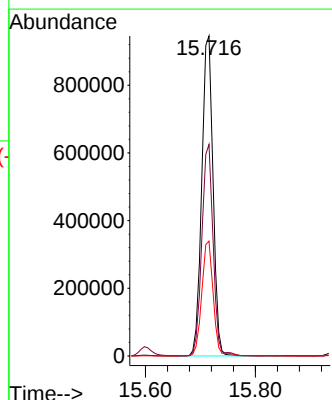
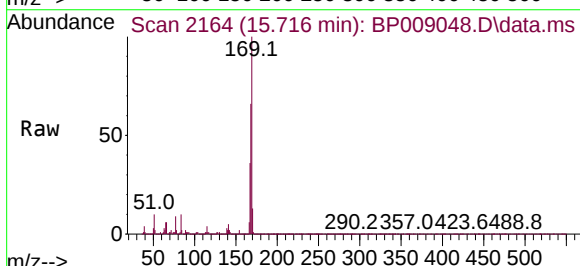
Instrument :  
BNA\_P  
ClientSampleId :  
PB142438BS

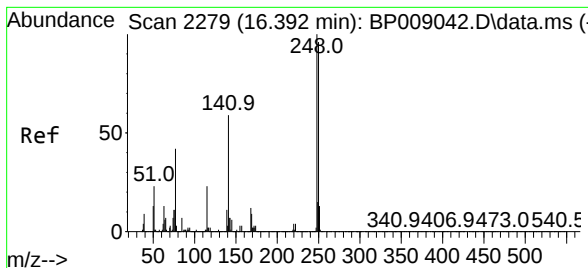
Tgt Ion:198 Resp: 224631  
Ion Ratio Lower Upper  
198 100  
51 33.4 6.8 46.8  
105 36.9 14.4 54.4



#66  
n-Nitrosodiphenylamine  
Concen: 50.793 ng  
RT: 15.716 min Scan# 2164  
Delta R.T. 0.006 min  
Lab File: BP009048.D  
Acq: 07 Feb 2022 15:47

Tgt Ion:169 Resp: 1345210  
Ion Ratio Lower Upper  
169 100  
168 66.1 53.3 79.9  
167 35.9 29.0 43.6

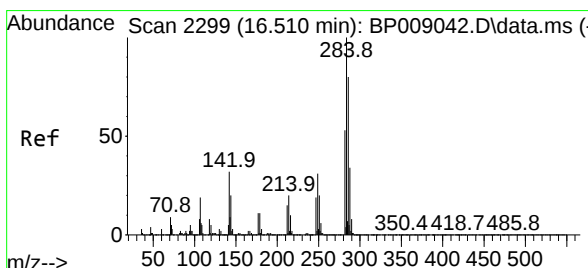
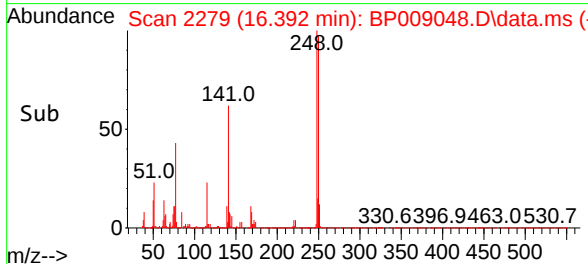
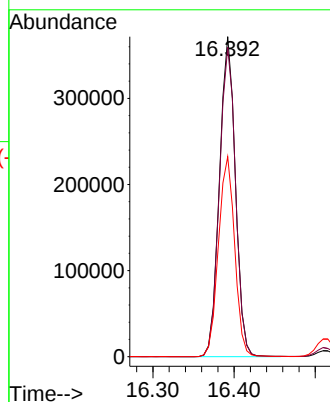
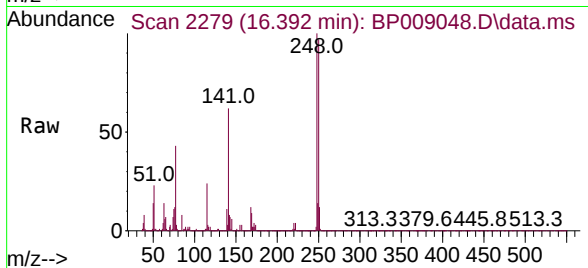




#67  
4-Bromophenyl-phenylether  
Concen: 50.145 ng  
RT: 16.392 min Scan# 21  
Delta R.T. -0.000 min  
Lab File: BP009048.D  
Acq: 07 Feb 2022 15:47

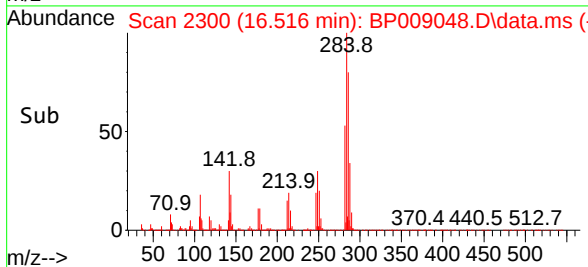
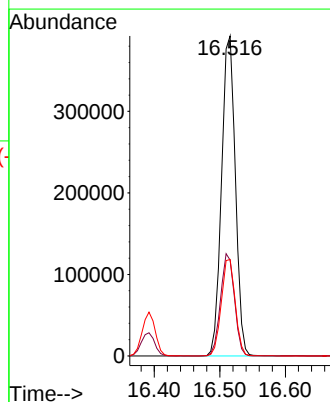
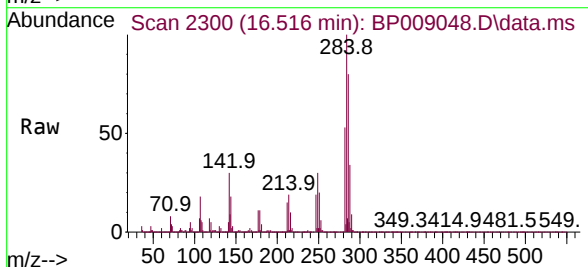
Instrument :  
BNA\_P  
ClientSampleId :  
PB142438BS

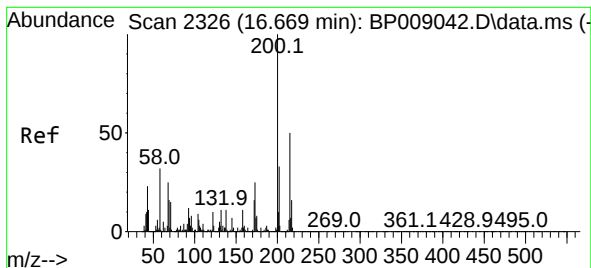
Tgt Ion:248 Resp: 507450  
Ion Ratio Lower Upper  
248 100  
250 96.7 77.6 116.4  
141 62.5 47.4 71.2



#68  
Hexachlorobenzene  
Concen: 50.393 ng  
RT: 16.516 min Scan# 2300  
Delta R.T. 0.006 min  
Lab File: BP009048.D  
Acq: 07 Feb 2022 15:47

Tgt Ion:284 Resp: 571234  
Ion Ratio Lower Upper  
284 100  
142 29.9 22.4 33.6  
249 30.2 24.4 36.6





#69

Atrazine

Concen: 51.122 ng

RT: 16.674 min Scan# 21

Delta R.T. 0.006 min

Lab File: BP009048.D

Acq: 07 Feb 2022 15:47

Instrument :

BNA\_P

ClientSampleId :

PB142438BS

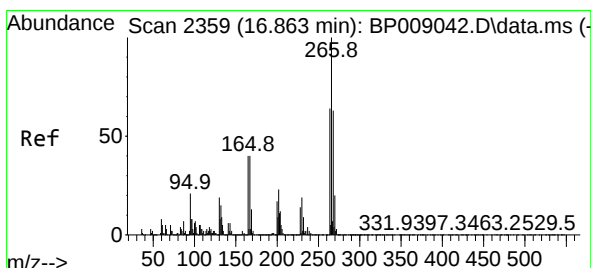
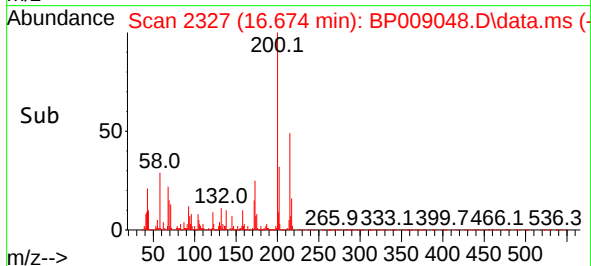
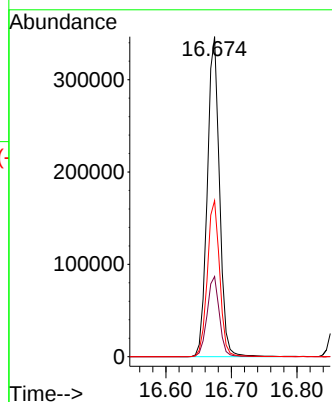
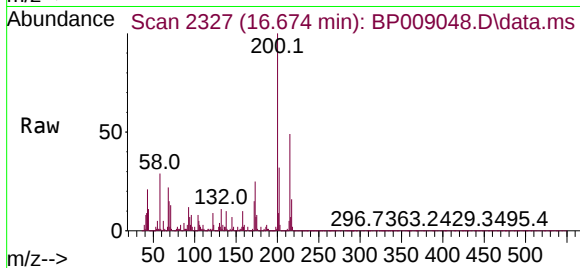
Tgt Ion:200 Resp: 448942

Ion Ratio Lower Upper

200 100

173 25.1 6.5 46.5

215 48.7 29.6 69.6



#70

Pentachlorophenol

Concen: 102.889 ng

RT: 16.863 min Scan# 2359

Delta R.T. -0.000 min

Lab File: BP009048.D

Acq: 07 Feb 2022 15:47

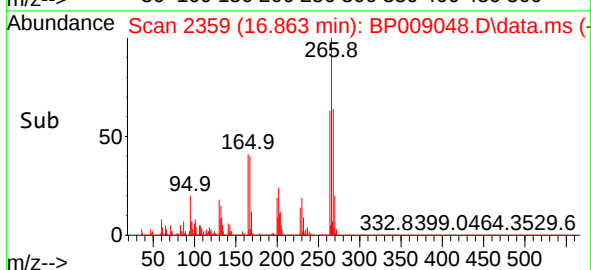
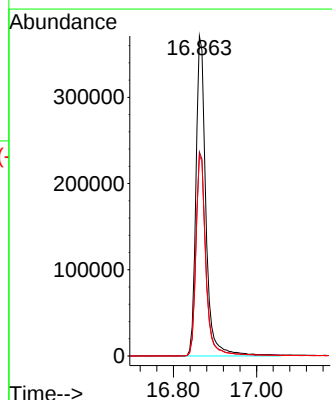
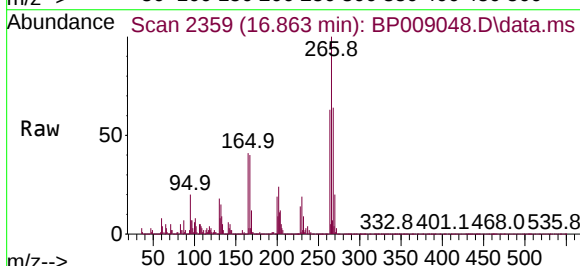
Tgt Ion:266 Resp: 614112

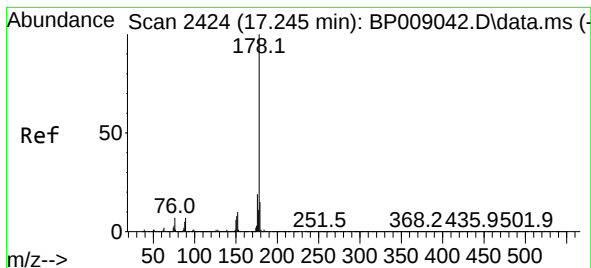
Ion Ratio Lower Upper

266 100

268 63.8 50.9 76.3

264 62.8 50.3 75.5





#71

Phenanthrene

Concen: 48.146 ng

RT: 17.245 min Scan# 2424

Delta R.T. -0.000 min

Lab File: BP009048.D

Acq: 07 Feb 2022 15:47

Instrument :

BNA\_P

ClientSampleId :

PB142438BS

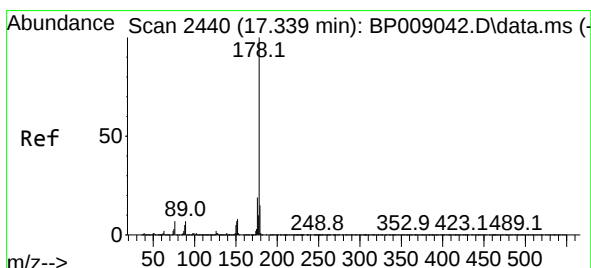
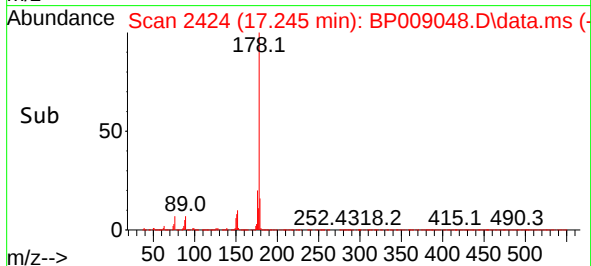
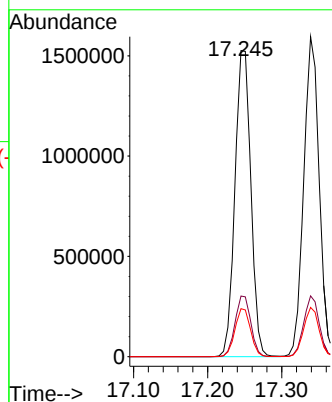
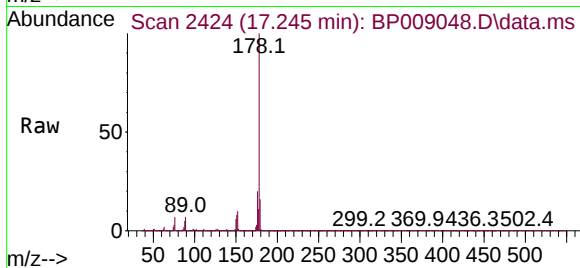
Tgt Ion:178 Resp: 2276554

Ion Ratio Lower Upper

178 100

176 19.8 16.0 24.0

179 15.7 13.0 19.4



#72

Anthracene

Concen: 50.353 ng

RT: 17.339 min Scan# 2440

Delta R.T. -0.000 min

Lab File: BP009048.D

Acq: 07 Feb 2022 15:47

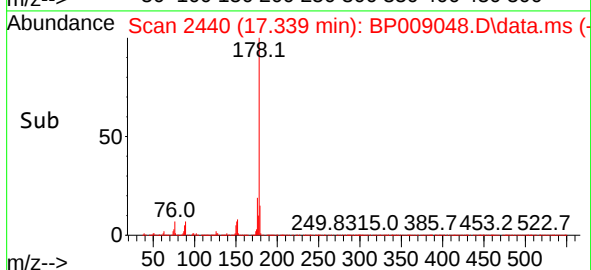
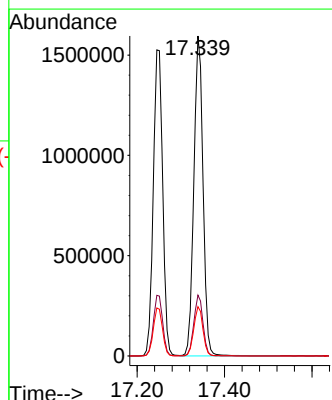
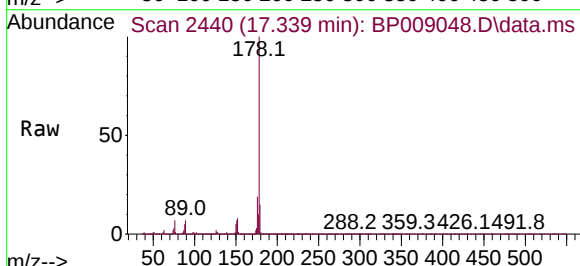
Tgt Ion:178 Resp: 2329419

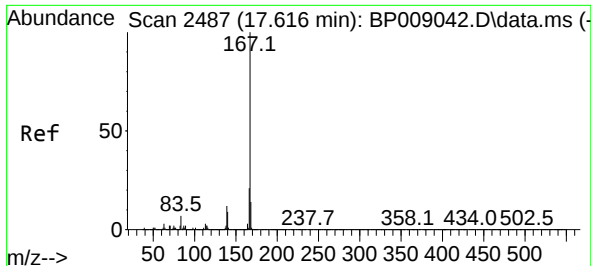
Ion Ratio Lower Upper

178 100

176 19.0 15.1 22.7

179 15.4 12.8 19.2

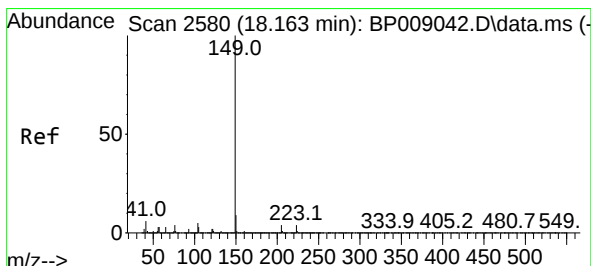
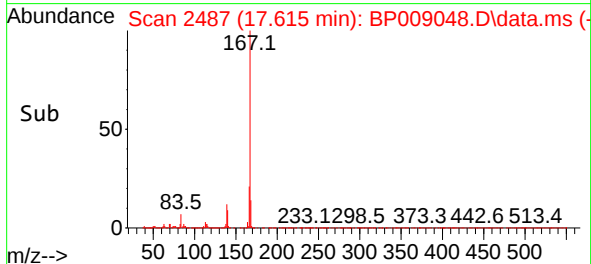
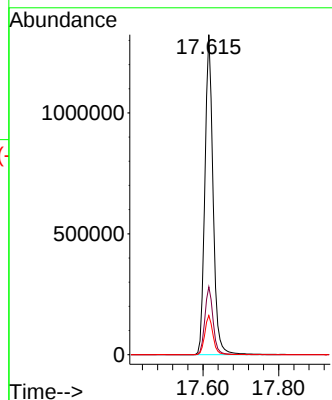
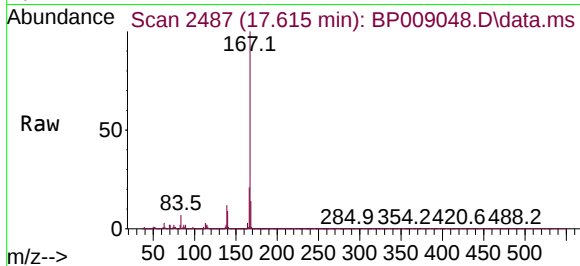




#73  
 Carbazole  
 Concen: 44.496 ng  
 RT: 17.615 min Scan# 2487  
 Delta R.T. -0.000 min  
 Lab File: BP009048.D  
 Acq: 07 Feb 2022 15:47

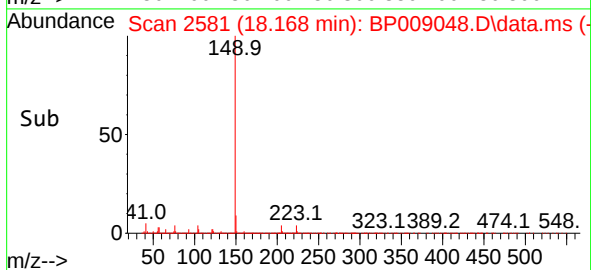
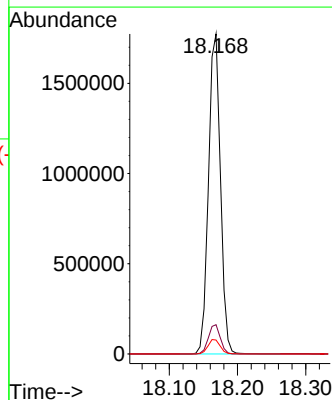
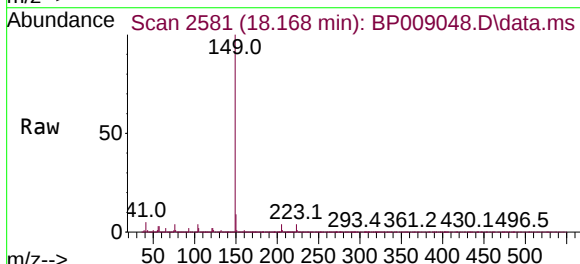
Instrument :  
 BNA\_P  
 ClientSampleId :  
 PB142438BS

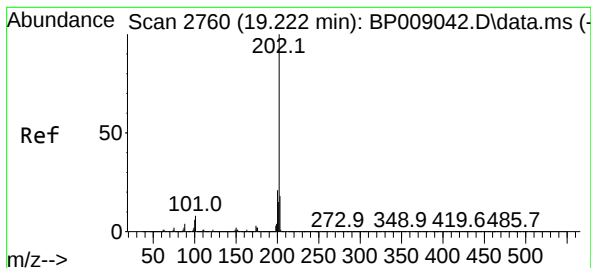
Tgt Ion:167 Resp: 1973137  
 Ion Ratio Lower Upper  
 167 100  
 166 21.2 17.7 26.5  
 139 12.3 9.8 14.6



#74  
 Di-n-butylphthalate  
 Concen: 48.064 ng  
 RT: 18.168 min Scan# 2581  
 Delta R.T. 0.006 min  
 Lab File: BP009048.D  
 Acq: 07 Feb 2022 15:47

Tgt Ion:149 Resp: 2159554  
 Ion Ratio Lower Upper  
 149 100  
 150 9.1 7.9 11.9  
 104 4.4 3.7 5.5

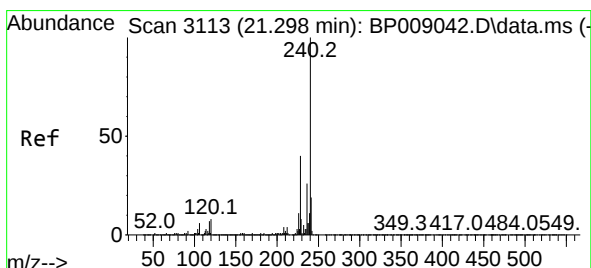
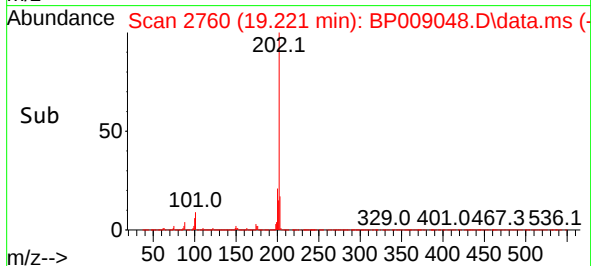
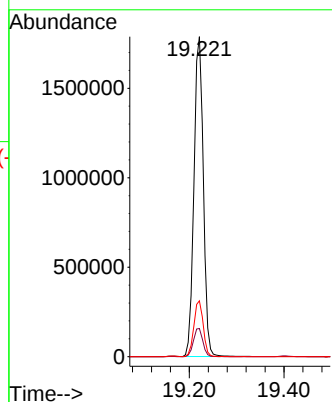
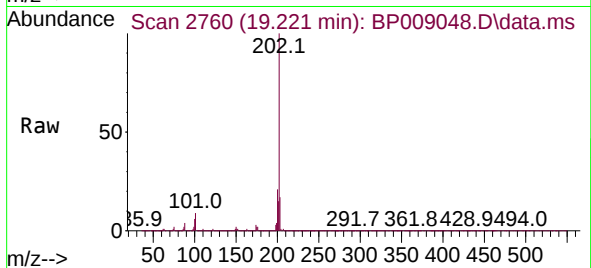




#75  
Fluoranthene  
Concen: 46.110 ng  
RT: 19.221 min Scan# 21  
Delta R.T. -0.000 min  
Lab File: BP009048.D  
Acq: 07 Feb 2022 15:47

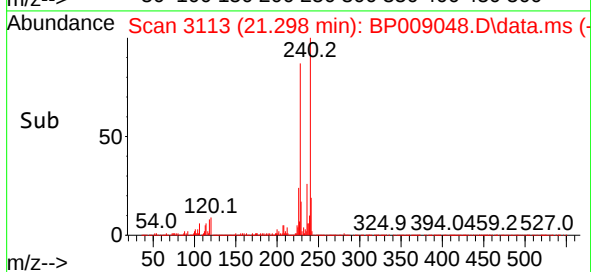
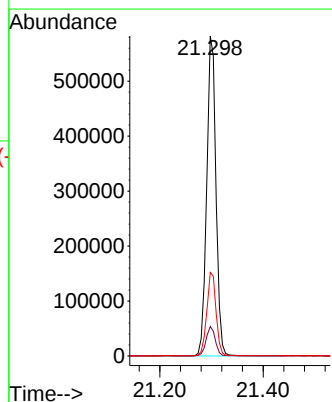
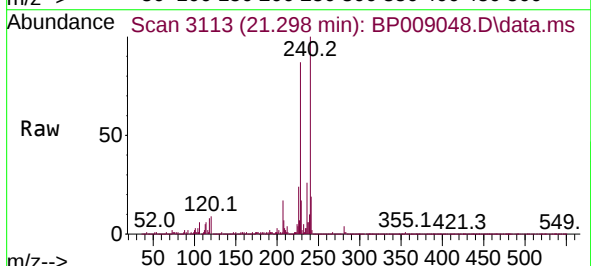
Instrument :  
BNA\_P  
ClientSampleId :  
PB142438BS

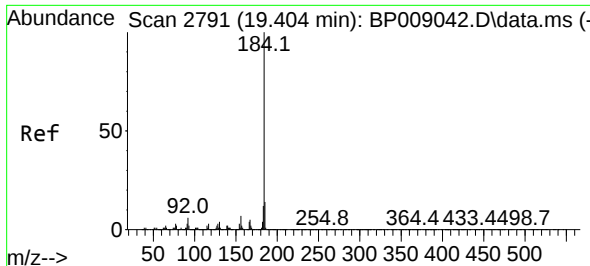
Tgt Ion:202 Resp: 2443680  
Ion Ratio Lower Upper  
202 100  
101 8.8 0.0 30.7  
203 17.5 0.0 38.9



#76  
Chrysene-d12  
Concen: 20.000 ng  
RT: 21.298 min Scan# 3113  
Delta R.T. -0.000 min  
Lab File: BP009048.D  
Acq: 07 Feb 2022 15:47

Tgt Ion:240 Resp: 721921  
Ion Ratio Lower Upper  
240 100  
120 9.2 7.7 11.5  
236 26.1 21.2 31.8

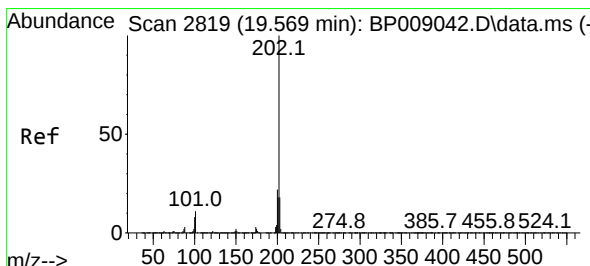
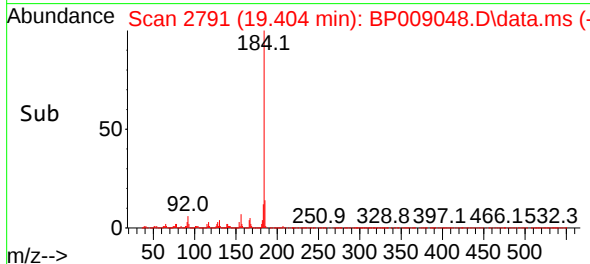
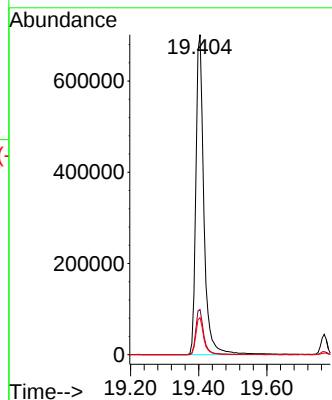
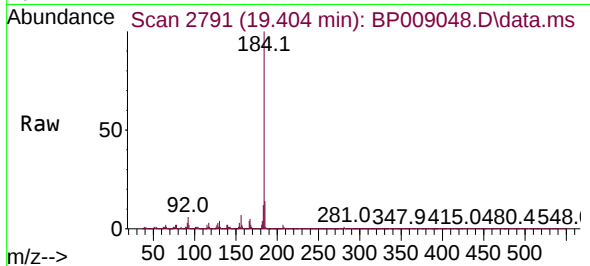




#77  
Benzidine  
Concen: 76.287 ng  
RT: 19.404 min Scan# 211  
Delta R.T. -0.000 min  
Lab File: BP009048.D  
Acq: 07 Feb 2022 15:47

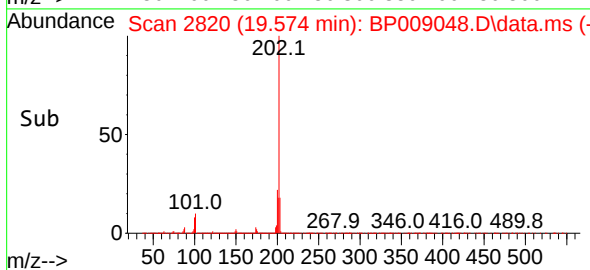
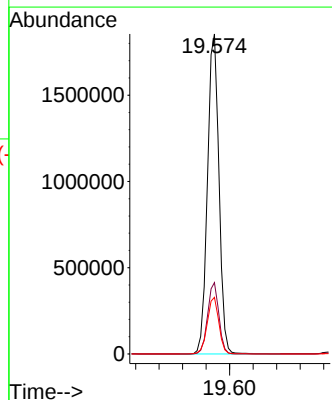
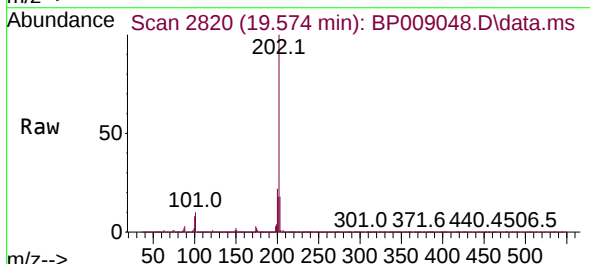
Instrument :  
BNA\_P  
ClientSampleId :  
PB142438BS

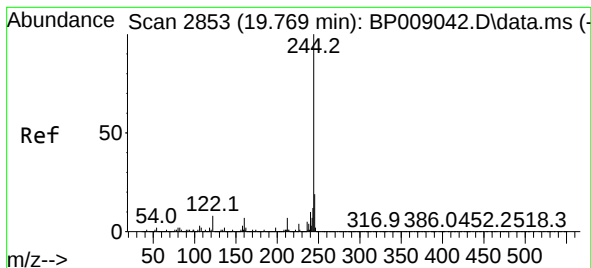
Tgt Ion:184 Resp: 1150811  
Ion Ratio Lower Upper  
184 100  
185 14.1 12.2 18.2  
183 11.6 9.5 14.3



#78  
Pyrene  
Concen: 48.885 ng  
RT: 19.574 min Scan# 2820  
Delta R.T. 0.006 min  
Lab File: BP009048.D  
Acq: 07 Feb 2022 15:47

Tgt Ion:202 Resp: 2510464  
Ion Ratio Lower Upper  
202 100  
200 22.3 18.0 27.0  
203 17.7 15.0 22.6





#79

Terphenyl-d14

Concen: 96.068 ng

RT: 19.768 min Scan# 2853

Delta R.T. -0.000 min

Lab File: BP009048.D

Acq: 07 Feb 2022 15:47

Instrument :

BNA\_P

ClientSampleId :

PB142438BS

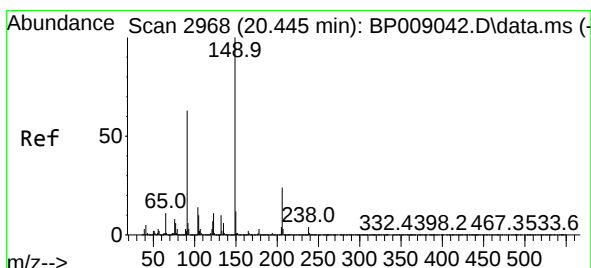
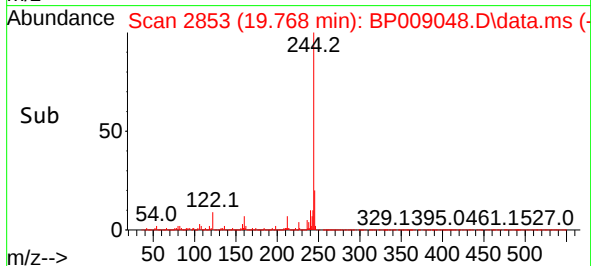
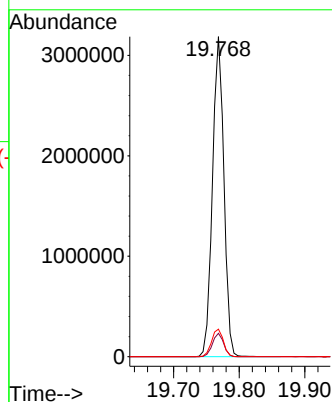
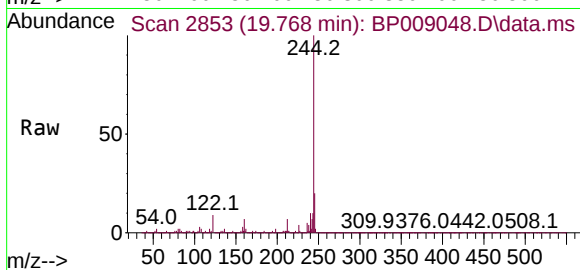
Tgt Ion:244 Resp: 3856543

Ion Ratio Lower Upper

244 100

212 7.3 6.5 9.7

122 8.6 9.2 13.8#



#80

Butylbenzylphthalate

Concen: 49.049 ng

RT: 20.445 min Scan# 2968

Delta R.T. -0.000 min

Lab File: BP009048.D

Acq: 07 Feb 2022 15:47

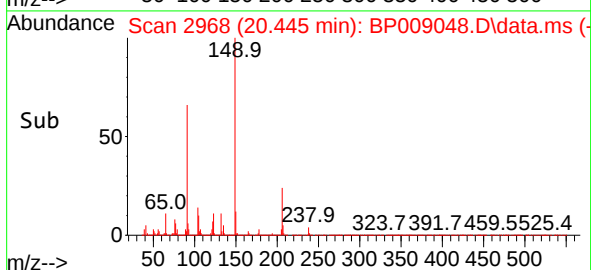
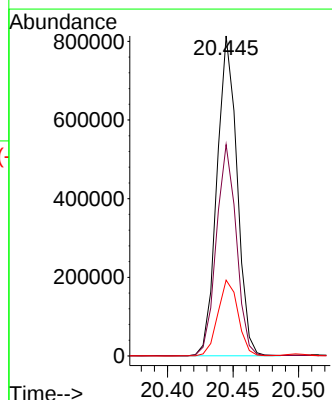
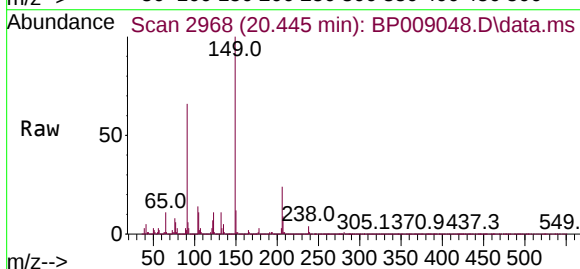
Tgt Ion:149 Resp: 866135

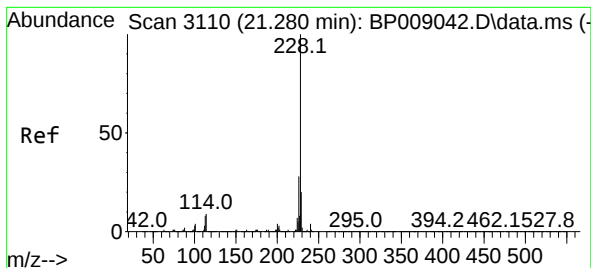
Ion Ratio Lower Upper

149 100

91 66.1 50.6 76.0

206 23.7 19.7 29.5





#81

Benzo(a)anthracene

Concen: 48.673 ng

RT: 21.286 min Scan# 3110

Delta R.T. 0.006 min

Lab File: BP009048.D

Acq: 07 Feb 2022 15:47

Instrument :

BNA\_P

ClientSampleId :

PB142438BS

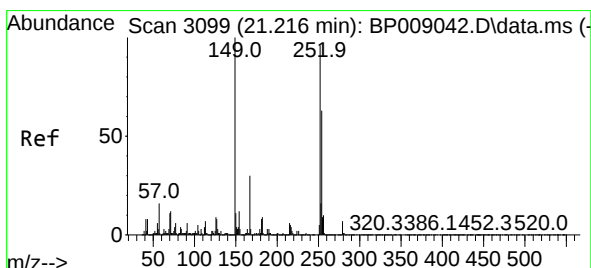
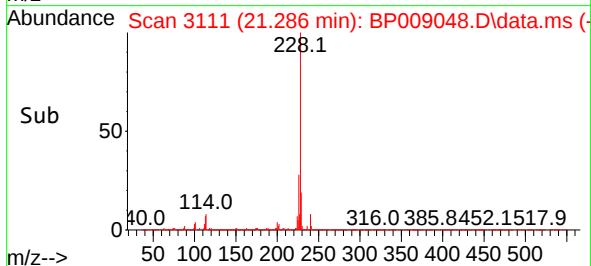
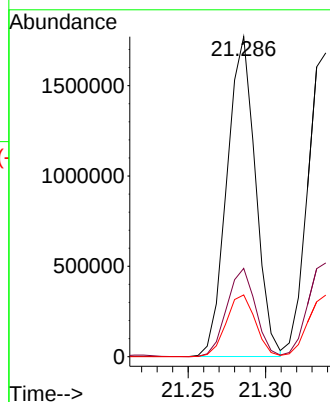
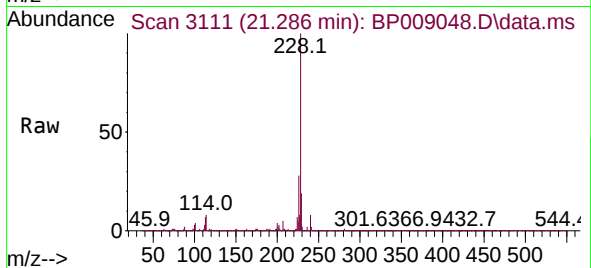
Tgt Ion:228 Resp: 2264381

Ion Ratio Lower Upper

228 100

226 27.6 23.3 34.9

229 19.3 17.0 25.6



#82

3,3'-Dichlorobenzidine

Concen: 43.386 ng

RT: 21.215 min Scan# 3099

Delta R.T. -0.000 min

Lab File: BP009048.D

Acq: 07 Feb 2022 15:47

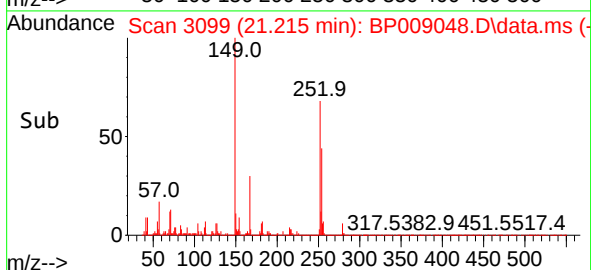
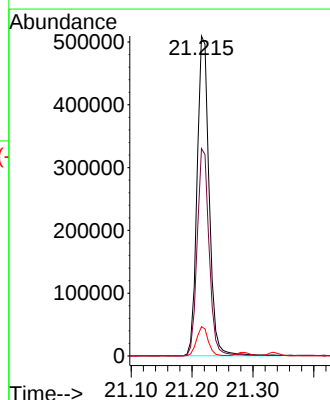
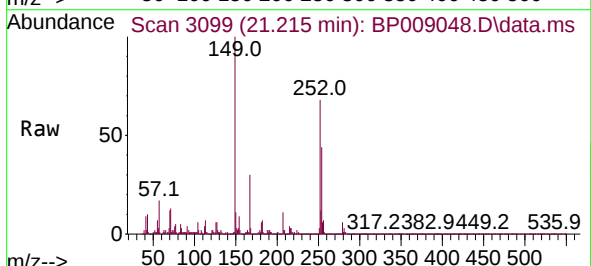
Tgt Ion:252 Resp: 699830

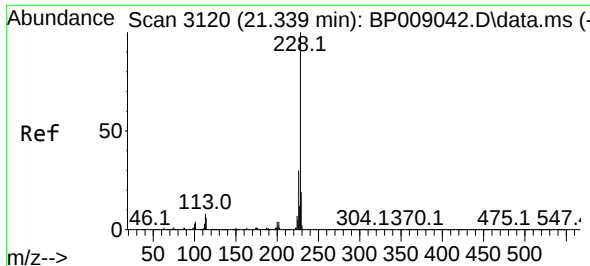
Ion Ratio Lower Upper

252 100

254 64.8 52.4 78.6

126 9.2 7.3 10.9

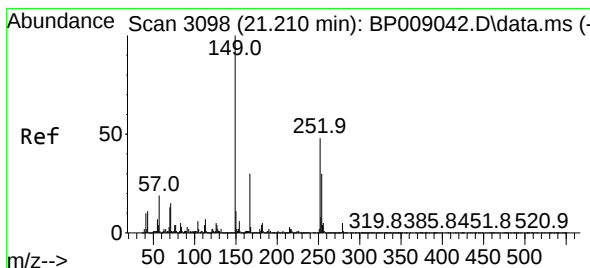
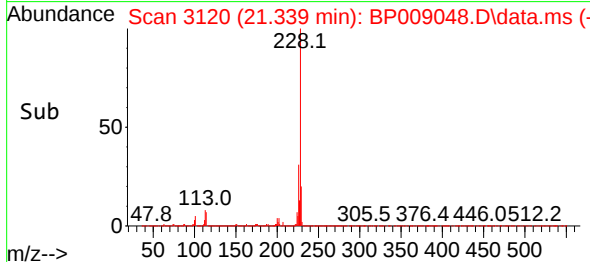
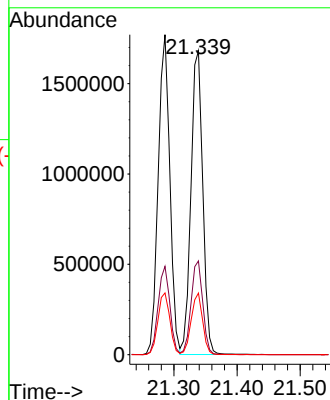
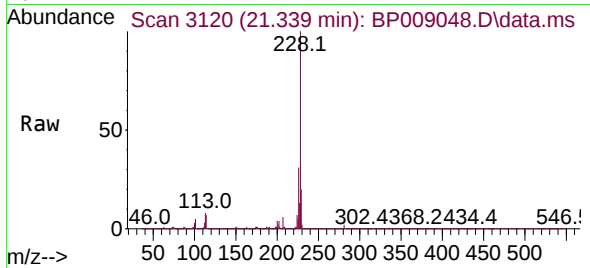




#83  
Chrysene  
Concen: 48.782 ng  
RT: 21.339 min Scan# 3120  
Delta R.T. -0.000 min  
Lab File: BP009048.D  
Acq: 07 Feb 2022 15:47

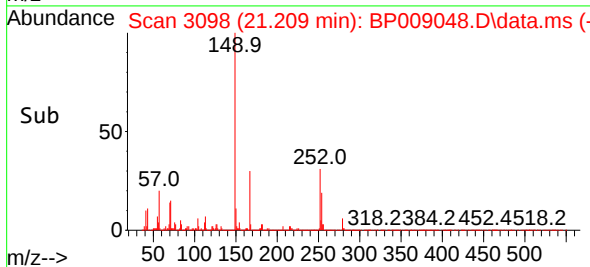
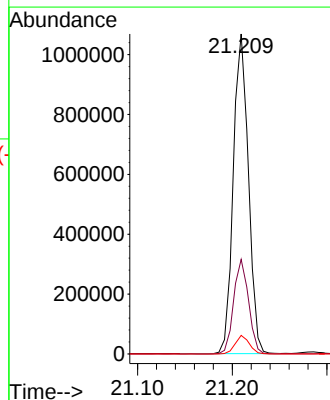
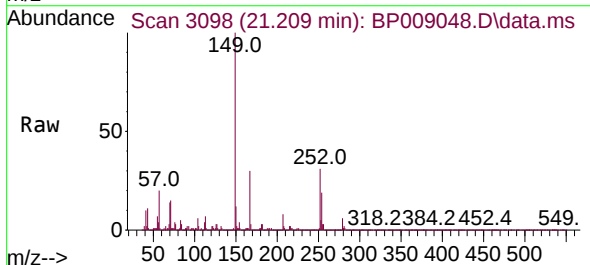
Instrument :  
BNA\_P  
ClientSampleId :  
PB142438BS

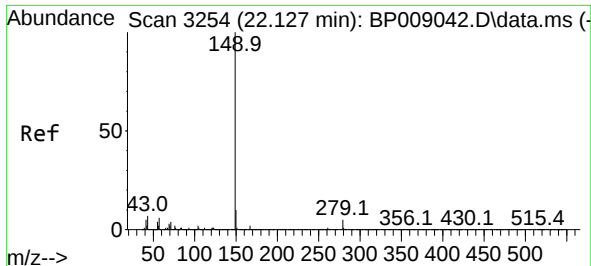
Tgt Ion:228 Resp: 2187792  
Ion Ratio Lower Upper  
228 100  
226 30.9 26.0 39.0  
229 20.3 16.9 25.3



#84  
Bis(2-ethylhexyl)phthalate  
Concen: 50.611 ng  
RT: 21.209 min Scan# 3098  
Delta R.T. -0.000 min  
Lab File: BP009048.D  
Acq: 07 Feb 2022 15:47

Tgt Ion:149 Resp: 1182172  
Ion Ratio Lower Upper  
149 100  
167 29.5 25.0 37.4  
279 5.8 4.8 7.2

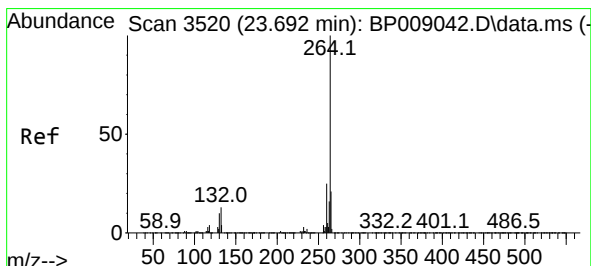
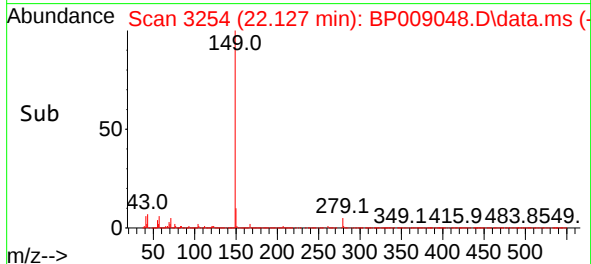
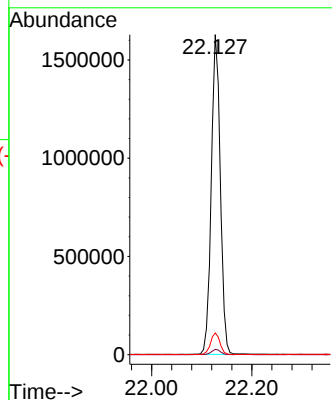
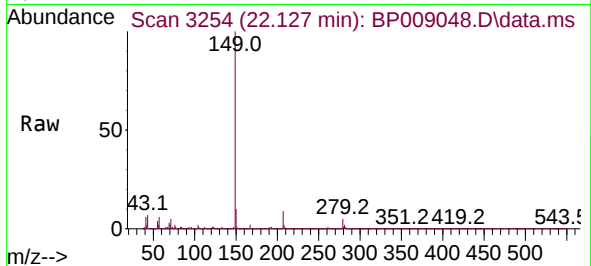




#85  
Di-n-octyl phthalate  
Concen: 54.596 ng  
RT: 22.127 min Scan# 31  
Delta R.T. -0.000 min  
Lab File: BP009048.D  
Acq: 07 Feb 2022 15:47

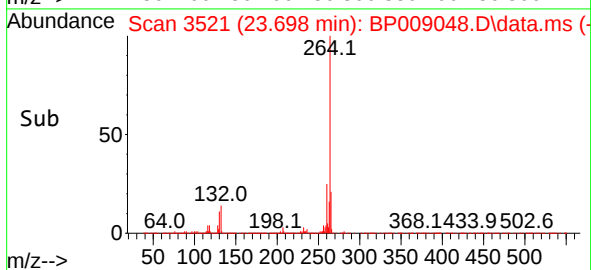
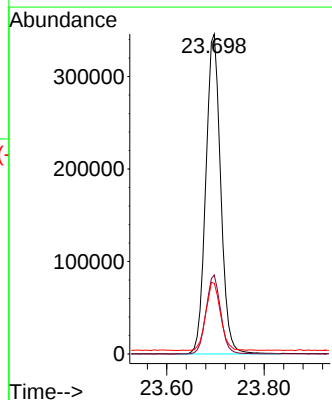
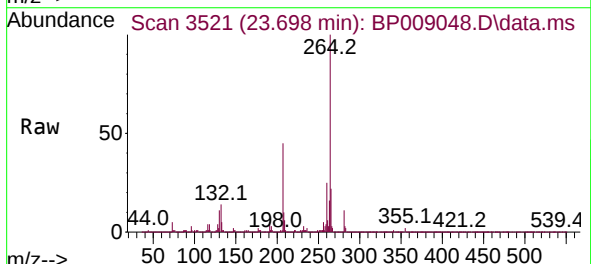
Instrument :  
BNA\_P  
ClientSampleId :  
PB142438BS

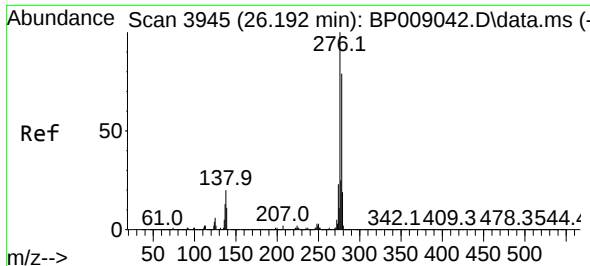
Tgt Ion:149 Resp: 2039958  
Ion Ratio Lower Upper  
149 100  
167 1.7 1.4 2.0  
43 7.0 5.4 8.2



#86  
Perylene-d12  
Concen: 20.000 ng  
RT: 23.698 min Scan# 3521  
Delta R.T. 0.006 min  
Lab File: BP009048.D  
Acq: 07 Feb 2022 15:47

Tgt Ion:264 Resp: 731746  
Ion Ratio Lower Upper  
264 100  
260 24.7 19.1 28.7  
265 22.1 17.1 25.7

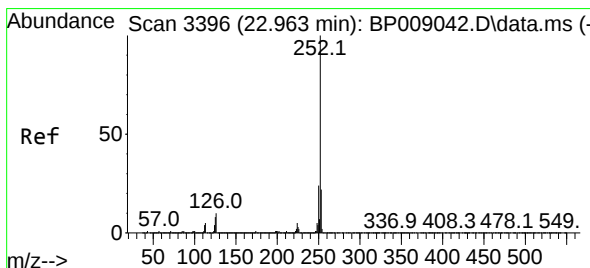
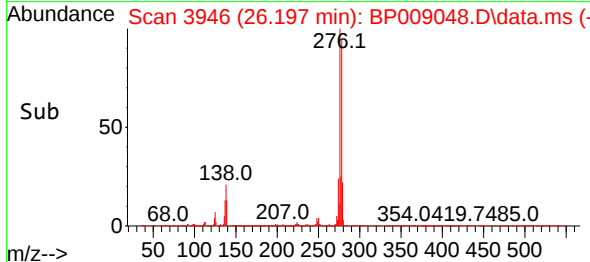
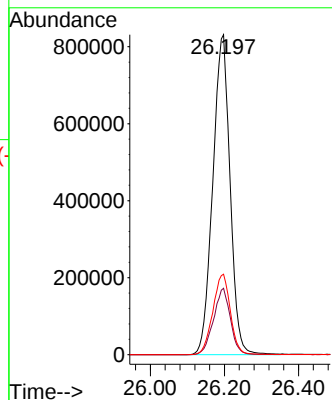
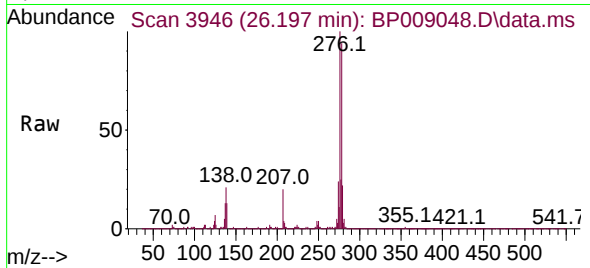




#87  
Indeno(1,2,3-cd)pyrene  
Concen: 49.374 ng  
RT: 26.197 min Scan# 3946  
Delta R.T. 0.006 min  
Lab File: BP009048.D  
Acq: 07 Feb 2022 15:47

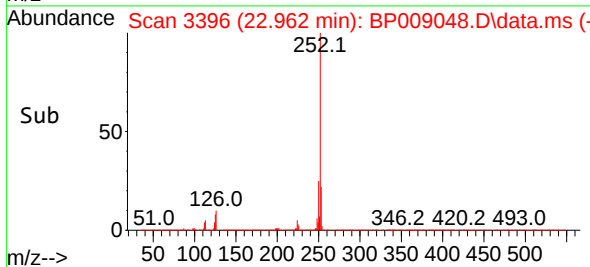
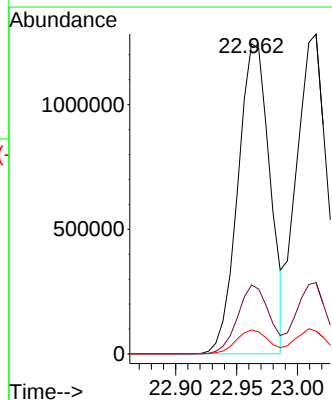
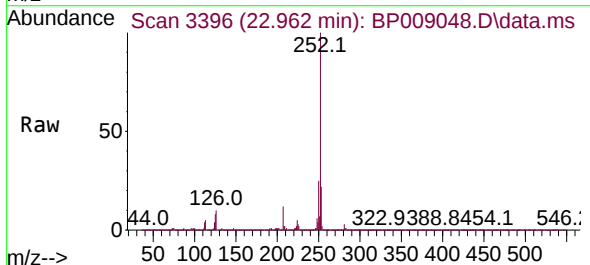
Instrument :  
BNA\_P  
ClientSampleId :  
PB142438BS

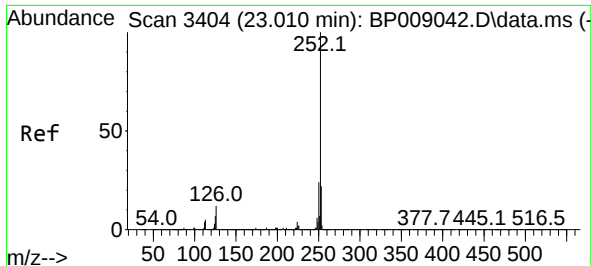
Tgt Ion:276 Resp: 2684461  
Ion Ratio Lower Upper  
276 100  
138 20.3 17.8 26.6  
277 25.5 20.4 30.6



#88  
Benzo(b)fluoranthene  
Concen: 50.647 ng  
RT: 22.962 min Scan# 3396  
Delta R.T. -0.000 min  
Lab File: BP009048.D  
Acq: 07 Feb 2022 15:47

Tgt Ion:252 Resp: 2281494  
Ion Ratio Lower Upper  
252 100  
253 22.2 18.0 27.0  
125 7.8 6.9 10.3

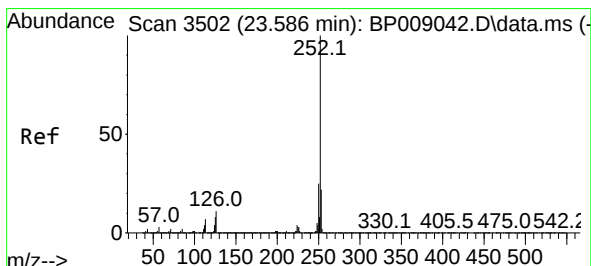
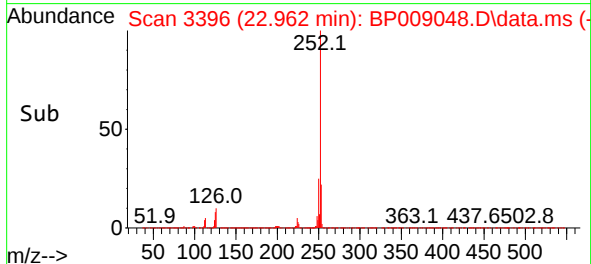
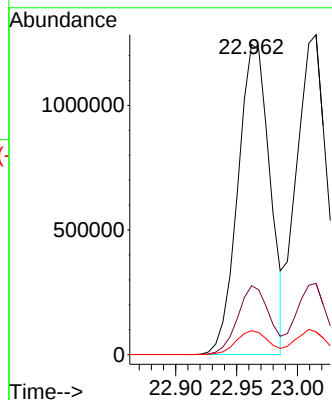
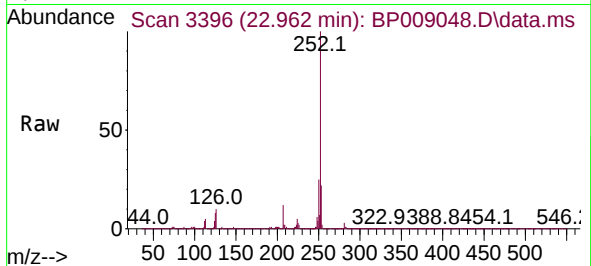




#89  
Benzo(k)fluoranthene  
Concen: 50.764 ng  
RT: 22.962 min Scan# 31  
Delta R.T. -0.047 min  
Lab File: BP009048.D  
Acq: 07 Feb 2022 15:47

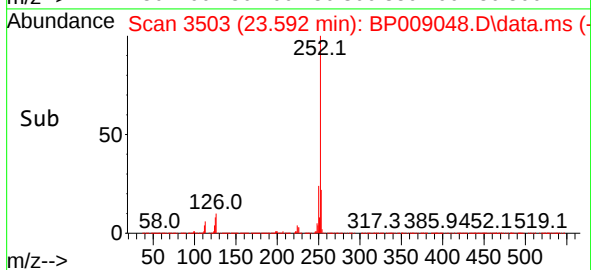
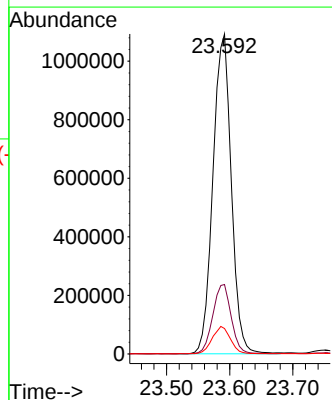
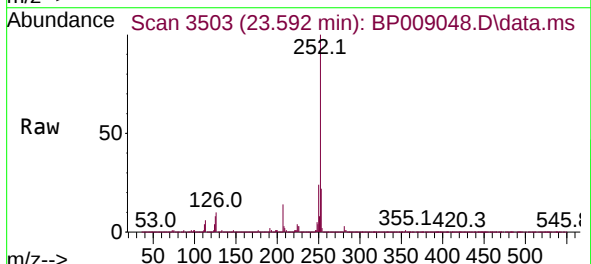
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BNA\_P  
ClientSampleId :  
PB142438BS

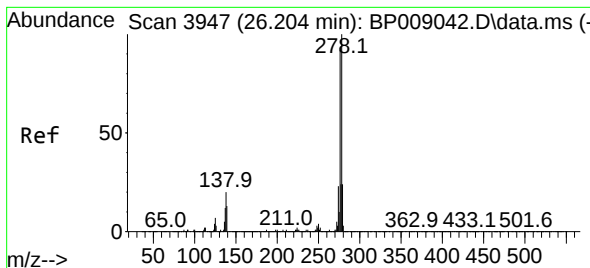
Tgt Ion:252 Resp: 2281494  
Ion Ratio Lower Upper  
252 100  
253 22.2 18.2 27.2  
125 7.8 7.3 10.9



#90  
Benzo(a)pyrene  
Concen: 58.696 ng  
RT: 23.592 min Scan# 3503  
Delta R.T. 0.006 min  
Lab File: BP009048.D  
Acq: 07 Feb 2022 15:47

Tgt Ion:252 Resp: 2204440  
Ion Ratio Lower Upper  
252 100  
253 21.7 17.8 26.8  
125 7.9 7.8 11.6





#91

Dibenzo(a,h)anthracene

Concen: 52.439 ng

RT: 26.203 min Scan# 3947

Delta R.T. -0.000 min

Lab File: BP009048.D

Acq: 07 Feb 2022 15:47

Instrument :

BNA\_P

ClientSampleId :

PB142438BS

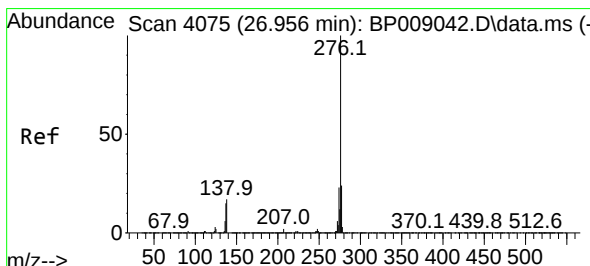
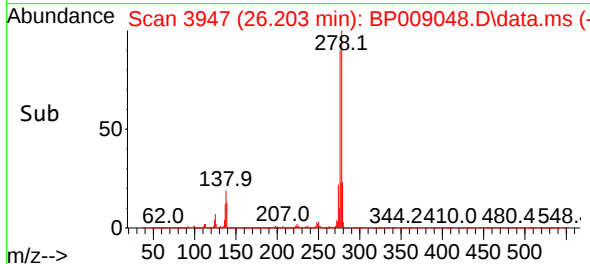
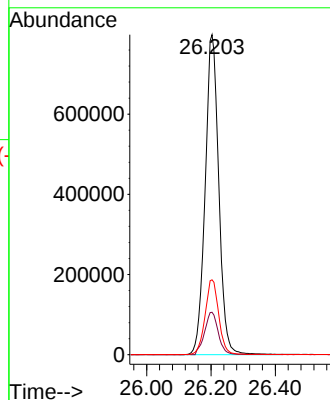
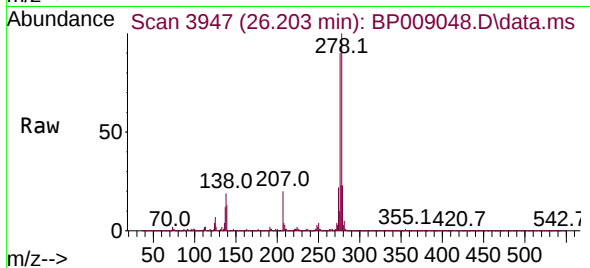
Tgt Ion:278 Resp: 2343049

Ion Ratio Lower Upper

278 100

139 13.2 11.5 17.3

279 23.4 19.1 28.7



#92

Benzo(g,h,i)perylene

Concen: 51.308 ng

RT: 26.962 min Scan# 4076

Delta R.T. 0.006 min

Lab File: BP009048.D

Acq: 07 Feb 2022 15:47

Tgt Ion:276 Resp: 2282541

Ion Ratio Lower Upper

276 100

277 23.3 19.2 28.8

138 17.9 15.0 22.4

