

Data Path : Z:\svoasrv\HPCHEM1\BNA\_P\Data\BP030822\  
 Data File : BP009299.D  
 Acq On : 08 Mar 2022 11:52  
 Operator : CG/JU  
 Sample : PB143133BS  
 Misc :  
 ALS Vial : 4 Sample Multiplier: 1

Instrument :  
 BNA\_P  
 ClientSampleId :  
 PB143133BS

Quant Time: Mar 09 03:00:02 2022  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_P\Methods\8270E-BP030522.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Sat Mar 05 01:55:59 2022  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc    | Units | Dev(Min) |
|-------------------------------|--------|------|----------|---------|-------|----------|
| -----                         |        |      |          |         |       |          |
| Internal Standards            |        |      |          |         |       |          |
| 1) 1,4-Dichlorobenzene-d4     | 7.822  | 152  | 551193   | 20.000  | ng    | 0.00     |
| 21) Naphthalene-d8            | 10.616 | 136  | 2139238  | 20.000  | ng    | 0.00     |
| 39) Acenaphthene-d10          | 14.457 | 164  | 1183637  | 20.000  | ng    | 0.00     |
| 64) Phenanthrene-d10          | 17.216 | 188  | 2038935  | 20.000  | ng    | 0.00     |
| 76) Chrysene-d12              | 21.327 | 240  | 1629568  | 20.000  | ng    | 0.00     |
| 86) Perylene-d12              | 23.727 | 264  | 1671451  | 20.000  | ng    | 0.00     |
|                               |        |      |          |         |       |          |
| System Monitoring Compounds   |        |      |          |         |       |          |
| 5) 2-Fluorophenol             | 5.417  | 112  | 4713669  | 124.828 | ng    | 0.00     |
| 7) Phenol-d6                  | 6.999  | 99   | 5795574  | 120.775 | ng    | 0.01     |
| 23) Nitrobenzene-d5           | 8.975  | 82   | 3559934  | 91.657  | ng    | 0.00     |
| 42) 2,4,6-Tribromophenol      | 15.951 | 330  | 1821142  | 127.420 | ng    | 0.00     |
| 45) 2-Fluorobiphenyl          | 13.087 | 172  | 7471059  | 86.802  | ng    | 0.00     |
| 79) Terphenyl-d14             | 19.792 | 244  | 8112136  | 93.943  | ng    | 0.00     |
|                               |        |      |          |         |       |          |
| Target Compounds              |        |      |          |         |       | Qvalue   |
| 2) 1,4-Dioxane                | 3.358  | 88   | 513171   | 31.926  | ng    | 99       |
| 3) Pyridine                   | 3.740  | 79   | 1378718  | 40.245  | ng    | 99       |
| 4) n-Nitrosodimethylamine     | 3.652  | 42   | 616699   | 43.164  | ng    | 99       |
| 6) Aniline                    | 7.152  | 93   | 2009620  | 33.063  | ng    | 98       |
| 8) 2-Chlorophenol             | 7.387  | 128  | 1712659  | 44.277  | ng    | 99       |
| 9) Benzaldehyde               | 6.958  | 77   | 996309   | 32.587  | ng    | 97       |
| 10) Phenol                    | 7.022  | 94   | 2125344  | 42.771  | ng    | 98       |
| 11) bis(2-Chloroethyl)ether   | 7.246  | 93   | 1595302  | 41.484  | ng    | 99       |
| 12) 1,3-Dichlorobenzene       | 7.710  | 146  | 1814949  | 39.827  | ng    | 99       |
| 13) 1,4-Dichlorobenzene       | 7.858  | 146  | 1860833  | 40.245  | ng    | 99       |
| 14) 1,2-Dichlorobenzene       | 8.169  | 146  | 1772019  | 40.099  | ng    | 99       |
| 15) Benzyl Alcohol            | 8.058  | 79   | 1448269  | 42.795  | ng    | 99       |
| 16) 2,2'-oxybis(1-Chloropr... | 8.358  | 45   | 1852022  | 37.102  | ng    | 98       |
| 17) 2-Methylphenol            | 8.263  | 107  | 1384151  | 43.032  | ng    | 98       |
| 18) Hexachloroethane          | 8.905  | 117  | 649102   | 40.336  | ng    | 97       |
| 19) n-Nitroso-di-n-propyla... | 8.634  | 70   | 1192891  | 41.217  | ng    | 98       |
| 20) 3+4-Methylphenols         | 8.593  | 107  | 1833245  | 42.527  | ng    | 99       |
| 22) Acetophenone              | 8.640  | 105  | 2358074  | 41.236  | ng    | 99       |
| 24) Nitrobenzene              | 9.016  | 77   | 1795701  | 43.625  | ng    | 98       |
| 25) Isophorone                | 9.546  | 82   | 3204018  | 44.102  | ng    | 99       |
| 26) 2-Nitrophenol             | 9.728  | 139  | 828536   | 51.960  | ng    | 97       |
| 27) 2,4-Dimethylphenol        | 9.793  | 122  | 1501469  | 42.812  | ng    | 98       |
| 28) bis(2-Chloroethoxy)met... | 10.028 | 93   | 1995354  | 41.970  | ng    | 99       |
| 29) 2,4-Dichlorophenol        | 10.263 | 162  | 1488829  | 44.015  | ng    | 99       |
| 30) 1,2,4-Trichlorobenzene    | 10.481 | 180  | 1664115  | 42.033  | ng    | 99       |
| 31) Naphthalene               | 10.663 | 128  | 4863385  | 41.052  | ng    | 99       |
| 32) Benzoic acid              | 9.940  | 122  | 959704   | 53.879  | ng    | 95       |
| 33) 4-Chloroaniline           | 10.769 | 127  | 656007   | 13.543  | ng    | 99       |
| 34) Hexachlorobutadiene       | 10.963 | 225  | 1040485  | 43.156  | ng    | 100      |
| 35) Caprolactam               | 11.551 | 113  | 390318   | 39.202  | ng    | 98       |
| 36) 4-Chloro-3-methylphenol   | 11.904 | 107  | 1456634  | 41.253  | ng    | 99       |
| 37) 2-Methylnaphthalene       | 12.281 | 142  | 3262175  | 38.756  | ng    | 100      |
| 38) 1-Methylnaphthalene       | 12.498 | 142  | 3118504  | 40.229  | ng    | 100      |
| 40) 1,2,4,5-Tetrachloroben... | 12.651 | 216  | 1756990  | 44.049  | ng    | 99       |
| 41) Hexachlorocyclopentadiene | 12.640 | 237  | 2519186  | 99.716  | ng    | 100      |
| 43) 2,4,6-Trichlorophenol     | 12.887 | 196  | 1116427  | 46.614  | ng    | 98       |

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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Sat Mar 05 01:55:59 2022  
 Response via : Initial Calibration

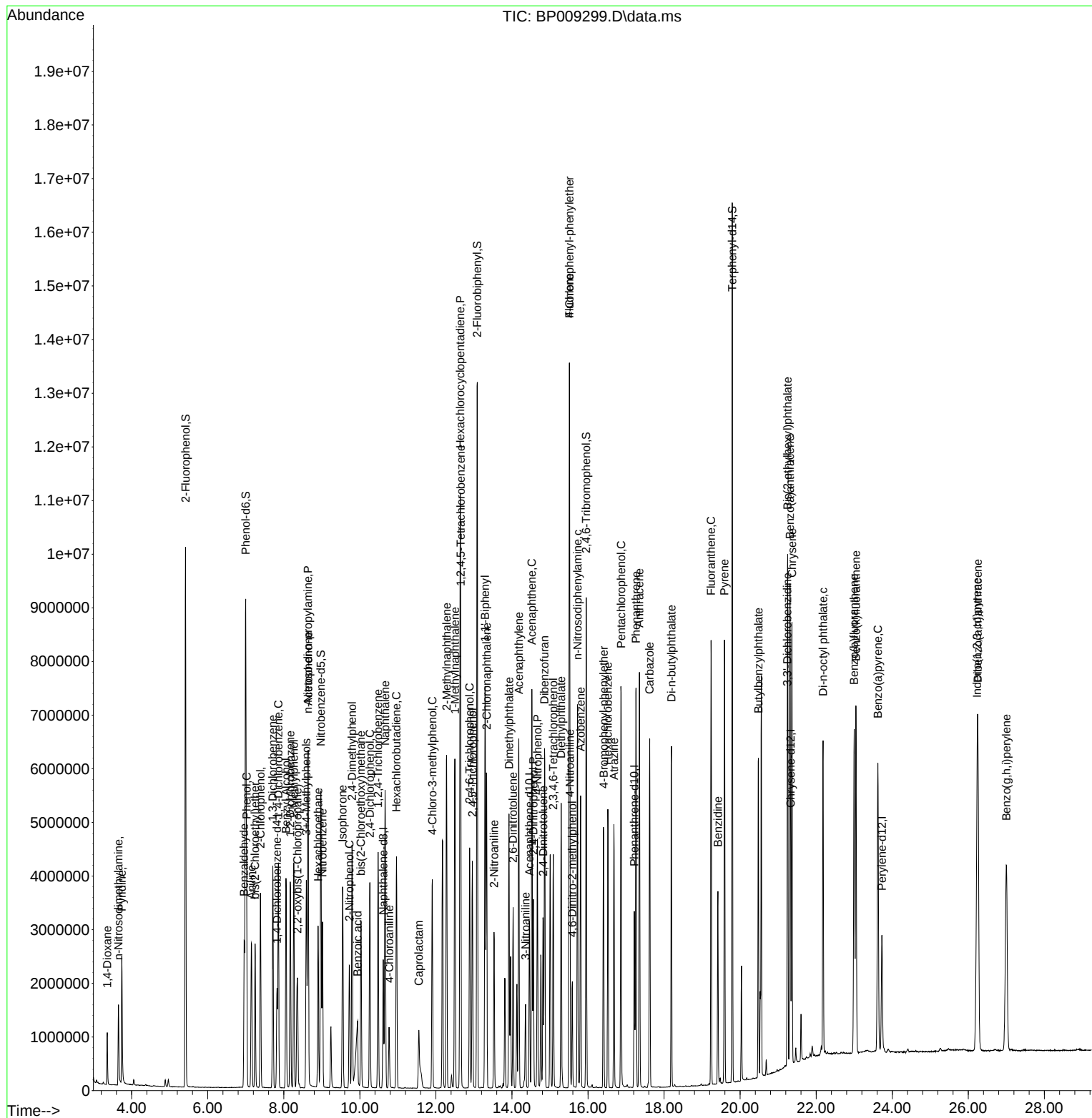
| Compound                      | R.T.   | QIon | Response | Conc    | Units | Dev(Min) |
|-------------------------------|--------|------|----------|---------|-------|----------|
| 44) 2,4,5-Trichlorophenol     | 12.957 | 196  | 1179262  | 44.890  | ng    | 99       |
| 46) 1,1'-Biphenyl             | 13.293 | 154  | 4066401  | 42.079  | ng    | 99       |
| 47) 2-Chloronaphthalene       | 13.334 | 162  | 3163378  | 43.217  | ng    | 99       |
| 48) 2-Nitroaniline            | 13.528 | 65   | 795718   | 47.279  | ng    | 98       |
| 49) Acenaphthylene            | 14.181 | 152  | 5049074  | 44.643  | ng    | 99       |
| 50) Dimethylphthalate         | 13.922 | 163  | 3508004  | 40.183  | ng    | 100      |
| 51) 2,6-Dinitrotoluene        | 14.028 | 165  | 769669   | 44.644  | ng    | 100      |
| 52) Acenaphthene              | 14.522 | 154  | 2905581  | 40.085  | ng    | 99       |
| 53) 3-Nitroaniline            | 14.357 | 138  | 421220   | 23.001  | ng    | 96       |
| 54) 2,4-Dinitrophenol         | 14.563 | 184  | 789598   | 106.964 | ng    | 97       |
| 55) Dibenzofuran              | 14.857 | 168  | 4440554  | 40.442  | ng    | 98       |
| 56) 4-Nitrophenol             | 14.669 | 139  | 1252399  | 82.234  | ng    | 99       |
| 57) 2,4-Dinitrotoluene        | 14.822 | 165  | 984944   | 44.620  | ng    | 96       |
| 58) Fluorene                  | 15.510 | 166  | 3377063  | 39.275  | ng    | 98       |
| 59) 2,3,4,6-Tetrachlorophenol | 15.087 | 232  | 921497   | 41.660  | ng    | 98       |
| 60) Diethylphthalate          | 15.292 | 149  | 3318956  | 39.048  | ng    | 99       |
| 61) 4-Chlorophenyl-phenyle... | 15.510 | 204  | 1770960  | 40.434  | ng    | 98       |
| 62) 4-Nitroaniline            | 15.528 | 138  | 688716   | 38.783  | ng    | 99       |
| 63) Azobenzene                | 15.804 | 77   | 3303188  | 39.557  | ng    | 98       |
| 65) 4,6-Dinitro-2-methylph... | 15.587 | 198  | 483048   | 53.861  | ng    | 96       |
| 66) n-Nitrosodiphenylamine    | 15.722 | 169  | 2885528  | 45.084  | ng    | 99       |
| 67) 4-Bromophenyl-phenylether | 16.410 | 248  | 1053053  | 47.871  | ng    | 97       |
| 68) Hexachlorobenzene         | 16.522 | 284  | 1194274  | 46.287  | ng    | 99       |
| 69) Atrazine                  | 16.681 | 200  | 946972   | 42.031  | ng    | 100      |
| 70) Pentachlorophenol         | 16.869 | 266  | 1421033  | 91.506  | ng    | 98       |
| 71) Phenanthrene              | 17.263 | 178  | 4844152  | 41.340  | ng    | 100      |
| 72) Anthracene                | 17.351 | 178  | 4895313  | 41.971  | ng    | 100      |
| 73) Carbazole                 | 17.622 | 167  | 4220293  | 39.711  | ng    | 100      |
| 74) Di-n-butylphthalate       | 18.192 | 149  | 4817603  | 40.957  | ng    | 99       |
| 75) Fluoranthene              | 19.233 | 202  | 5081637  | 37.572  | ng    | 100      |
| 77) Benzidine                 | 19.416 | 184  | 2023079  | 35.569  | ng    | 100      |
| 78) Pyrene                    | 19.586 | 202  | 5118968  | 46.526  | ng    | 100      |
| 80) Butylbenzylphthalate      | 20.480 | 149  | 1885397  | 47.476  | ng    | 95       |
| 81) Benzo(a)anthracene        | 21.310 | 228  | 4754622  | 43.047  | ng    | 100      |
| 82) 3,3'-Dichlorobenzidine    | 21.239 | 252  | 1276125  | 31.475  | ng    | 100      |
| 83) Chrysene                  | 21.363 | 228  | 4399256  | 41.023  | ng    | 100      |
| 84) Bis(2-ethylhexyl)phtha... | 21.251 | 149  | 2760081  | 43.456  | ng    | 99       |
| 85) Di-n-octyl phthalate      | 22.180 | 149  | 4505278  | 43.325  | ng    | 99       |
| 87) Indeno(1,2,3-cd)pyrene    | 26.233 | 276  | 5598662  | 43.112  | ng    | 98       |
| 88) Benzo(b)fluoranthene      | 22.998 | 252  | 4790259  | 42.447  | ng    | 99       |
| 89) Benzo(k)fluoranthene      | 23.045 | 252  | 4596511  | 42.633  | ng    | 99       |
| 90) Benzo(a)pyrene            | 23.621 | 252  | 4618978  | 43.153  | ng    | 99       |
| 91) Dibenzo(a,h)anthracene    | 26.251 | 278  | 4917466  | 44.657  | ng    | 99       |
| 92) Benzo(g,h,i)perylene      | 27.004 | 276  | 4866768  | 44.738  | ng    | 98       |

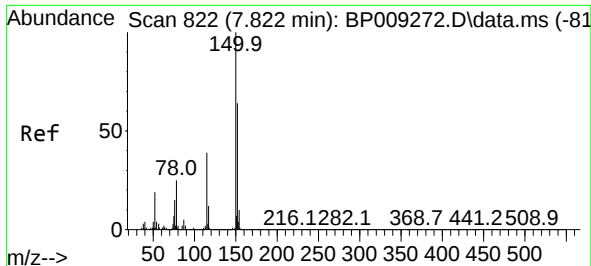
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BNA P

**ClientSampleId :**  
PB143133BS

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QLast Update : Sat Mar 05 01:55:59 2022  
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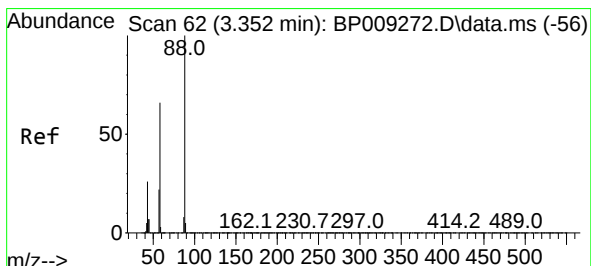
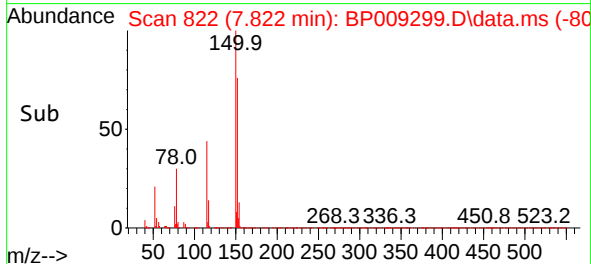
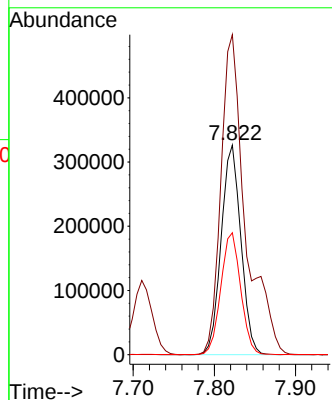
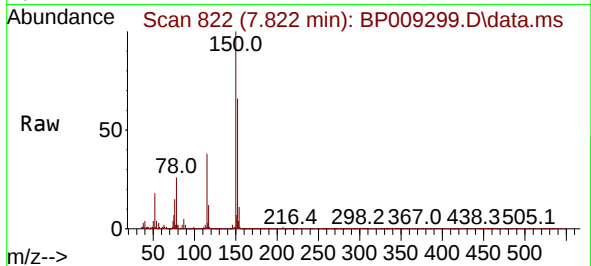




#1  
1,4-Dichlorobenzene-d4  
Concen: 20.000 ng  
RT: 7.822 min Scan# 81  
Delta R.T. 0.000 min  
Lab File: BP009299.D  
Acq: 08 Mar 2022 11:52

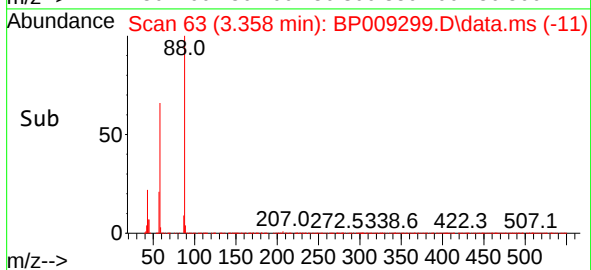
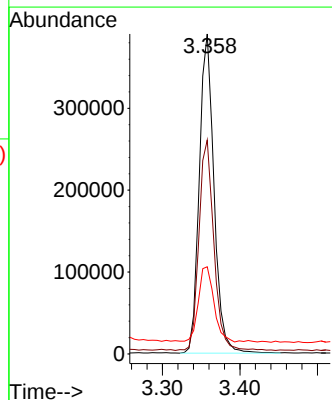
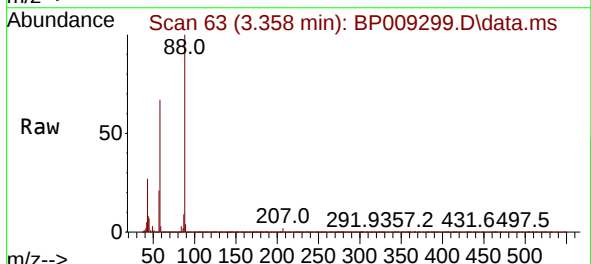
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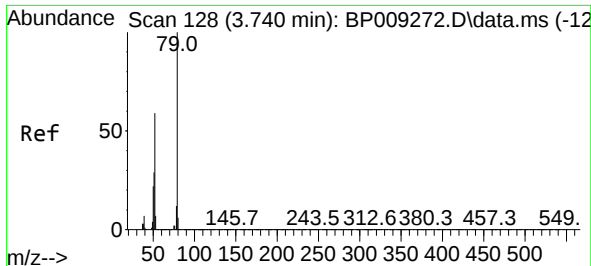
Tgt Ion:152 Resp: 551193  
Ion Ratio Lower Upper  
152 100  
150 152.6 124.5 186.7  
115 58.2 48.2 72.4



#2  
1,4-Dioxane  
Concen: 31.926 ng  
RT: 3.358 min Scan# 63  
Delta R.T. 0.006 min  
Lab File: BP009299.D  
Acq: 08 Mar 2022 11:52

Tgt Ion: 88 Resp: 513171  
Ion Ratio Lower Upper  
88 100  
58 66.8 54.2 81.2  
43 24.4 20.4 30.6

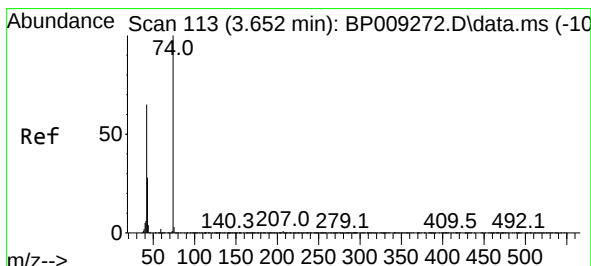
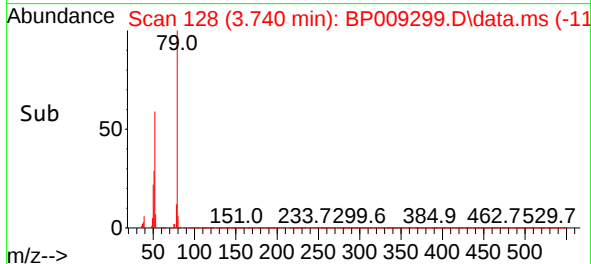
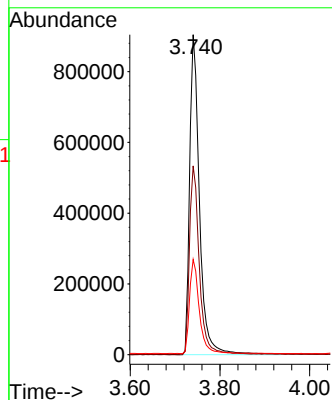
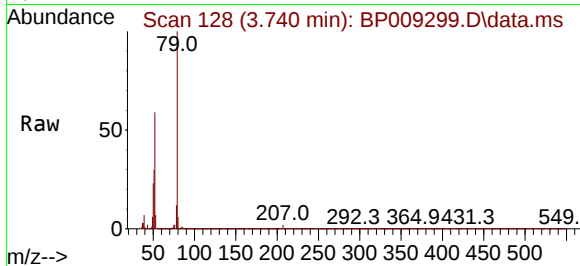




#3  
Pyridine  
Concen: 40.245 ng  
RT: 3.740 min Scan# 113  
Delta R.T. 0.000 min  
Lab File: BP009299.D  
Acq: 08 Mar 2022 11:52

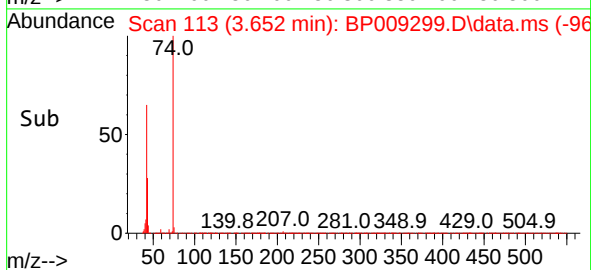
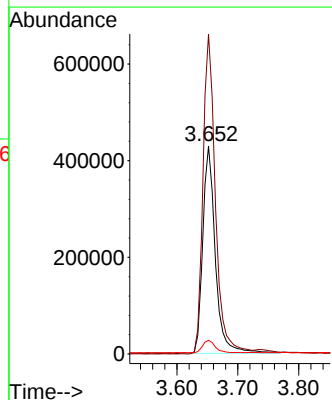
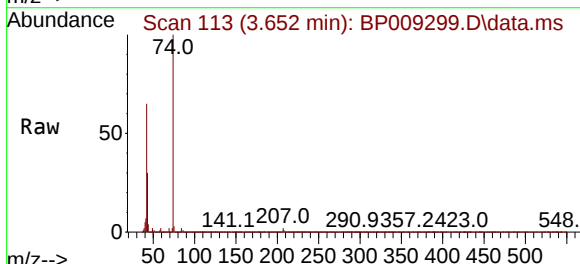
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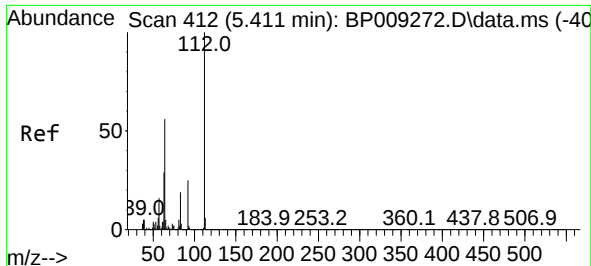
Tgt Ion: 79 Resp: 1378718  
Ion Ratio Lower Upper  
79 100  
52 59.0 47.5 71.3  
51 29.7 24.1 36.1



#4  
n-Nitrosodimethylamine  
Concen: 43.164 ng  
RT: 3.652 min Scan# 113  
Delta R.T. 0.000 min  
Lab File: BP009299.D  
Acq: 08 Mar 2022 11:52

Tgt Ion: 42 Resp: 616699  
Ion Ratio Lower Upper  
42 100  
74 154.0 122.1 183.1  
44 6.6 5.8 8.8

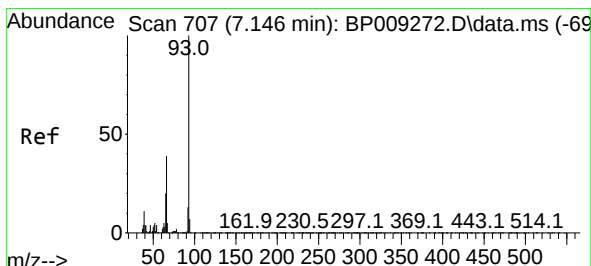
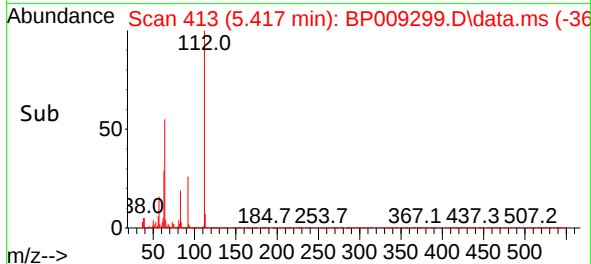
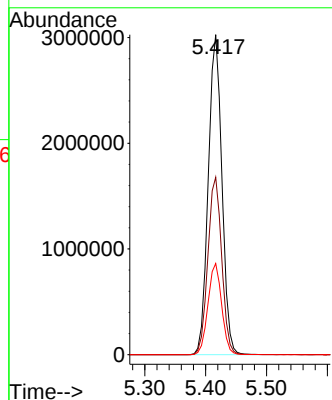
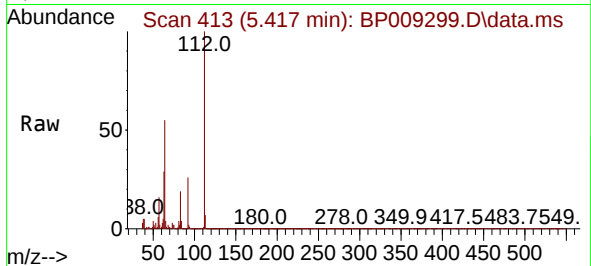




#5  
2-Fluorophenol  
Concen: 124.828 ng  
RT: 5.417 min Scan# 412  
Delta R.T. 0.006 min  
Lab File: BP009299.D  
Acq: 08 Mar 2022 11:52

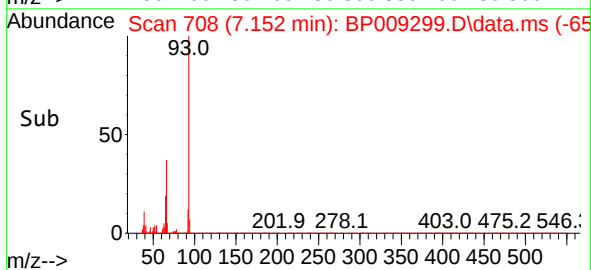
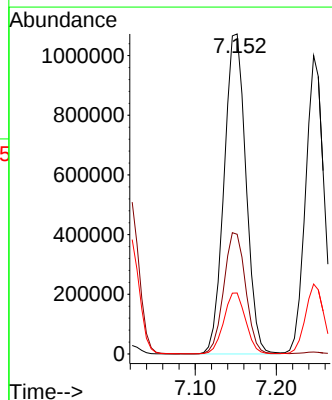
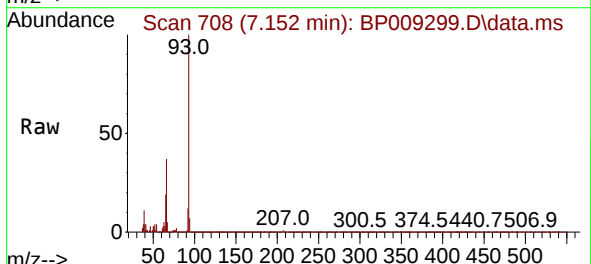
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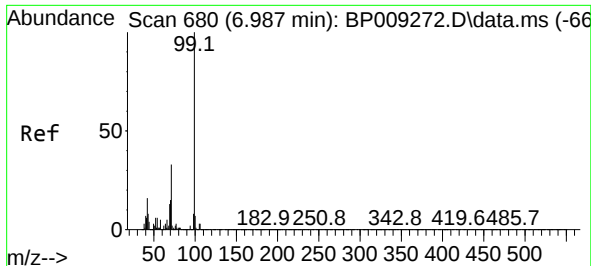
Tgt Ion:112 Resp: 4713669  
Ion Ratio Lower Upper  
112 100  
64 55.4 45.0 67.4  
63 28.5 23.0 34.6



#6  
Aniline  
Concen: 33.063 ng  
RT: 7.152 min Scan# 708  
Delta R.T. 0.006 min  
Lab File: BP009299.D  
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Tgt Ion: 93 Resp: 2009620  
Ion Ratio Lower Upper  
93 100  
66 37.4 30.9 46.3  
65 19.1 15.8 23.8

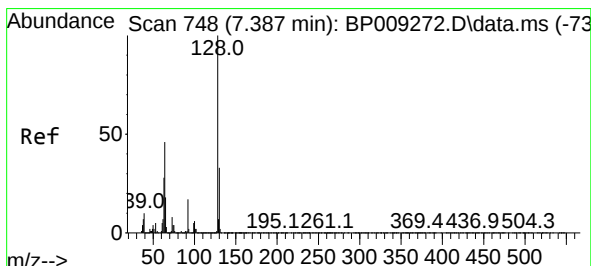
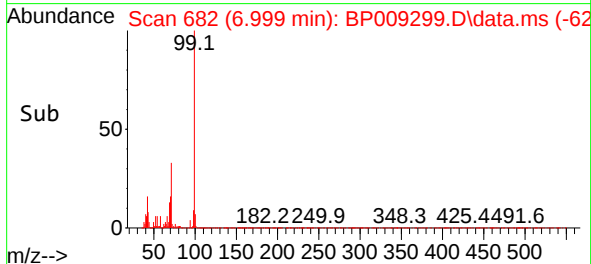
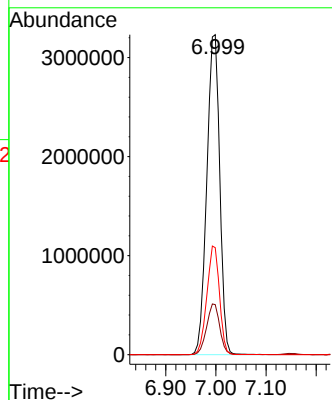
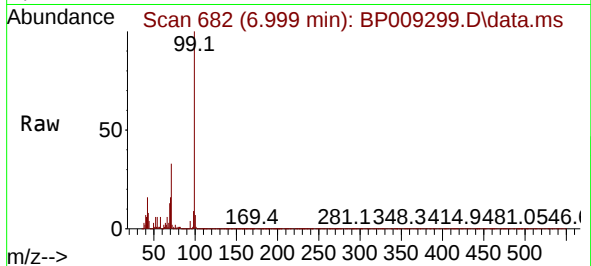




#7  
Phenol-d6  
Concen: 120.775 ng  
RT: 6.999 min Scan# 682  
Delta R.T. 0.012 min  
Lab File: BP009299.D  
Acq: 08 Mar 2022 11:52

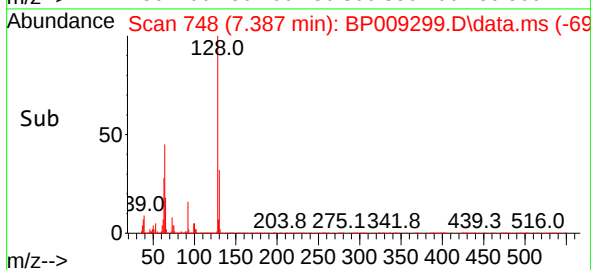
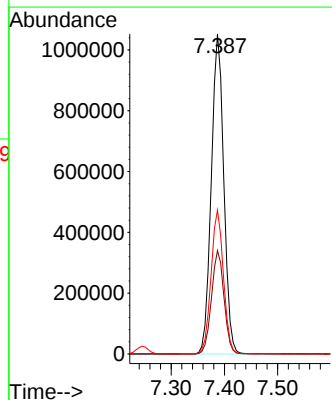
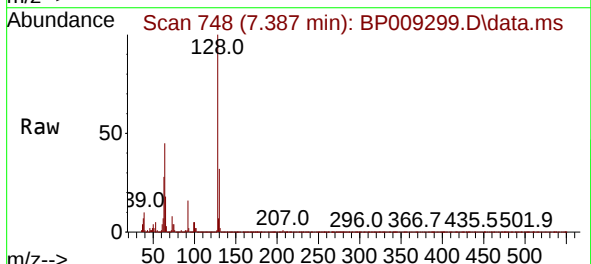
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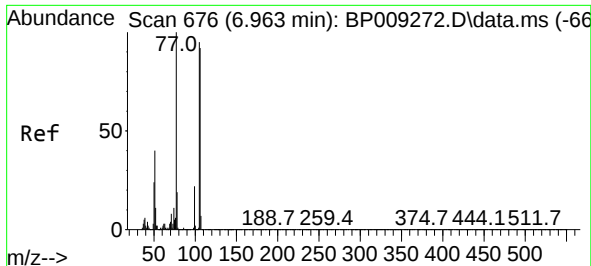
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Ion Ratio Lower Upper  
99 100  
42 15.7 12.8 19.2  
71 33.5 26.3 39.5



#8  
2-Chlorophenol  
Concen: 44.277 ng  
RT: 7.387 min Scan# 748  
Delta R.T. 0.000 min  
Lab File: BP009299.D  
Acq: 08 Mar 2022 11:52

Tgt Ion: 128 Resp: 1712659  
Ion Ratio Lower Upper  
128 100  
130 32.3 12.5 52.5  
64 44.9 26.2 66.2

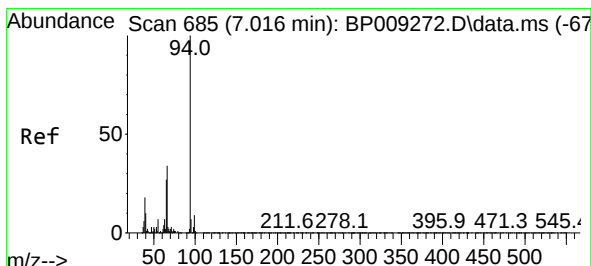
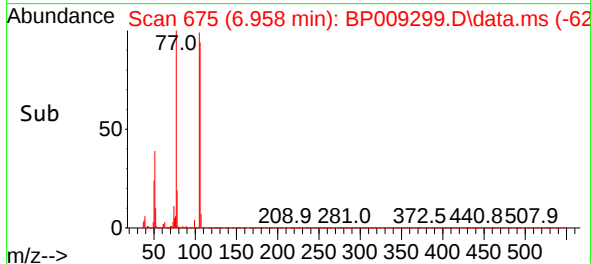
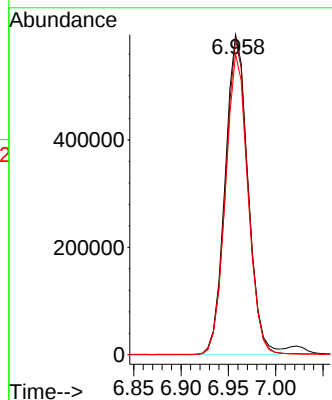
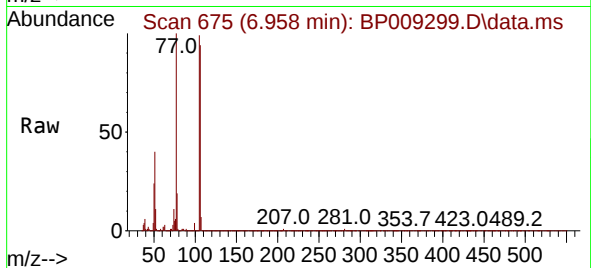




#9  
Benzaldehyde  
Concen: 32.587 ng  
RT: 6.958 min Scan# 61  
Delta R.T. -0.005 min  
Lab File: BP009299.D  
Acq: 08 Mar 2022 11:52

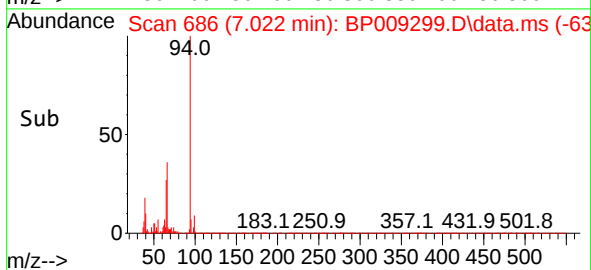
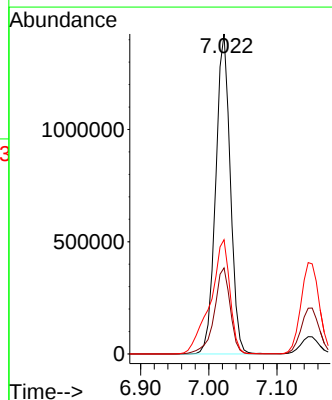
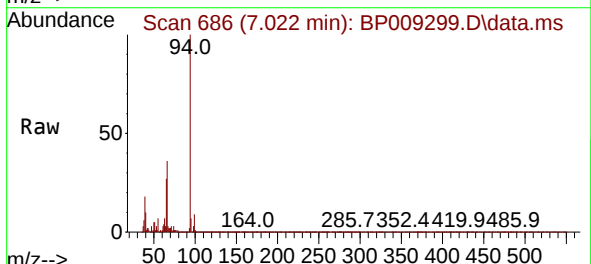
Instrument :  
BNA\_P  
ClientSampleId :  
PB143133BS

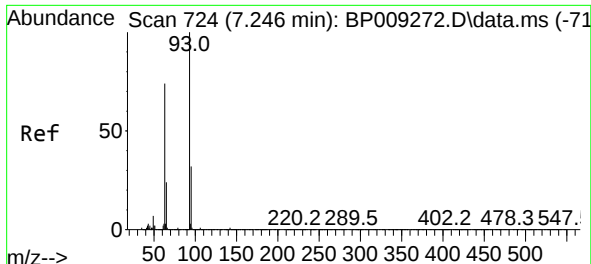
Tgt Ion: 77 Resp: 996309  
Ion Ratio Lower Upper  
77 100  
105 98.6 75.2 115.2  
106 93.9 72.3 112.3



#10  
Phenol  
Concen: 42.771 ng  
RT: 7.022 min Scan# 686  
Delta R.T. 0.006 min  
Lab File: BP009299.D  
Acq: 08 Mar 2022 11:52

Tgt Ion: 94 Resp: 2125344  
Ion Ratio Lower Upper  
94 100  
65 26.9 7.2 47.2  
66 35.7 14.3 54.3

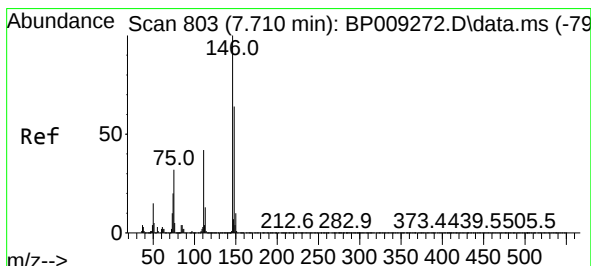
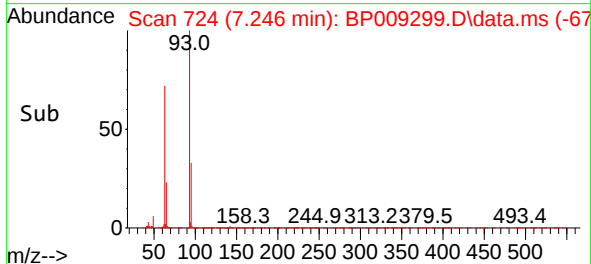
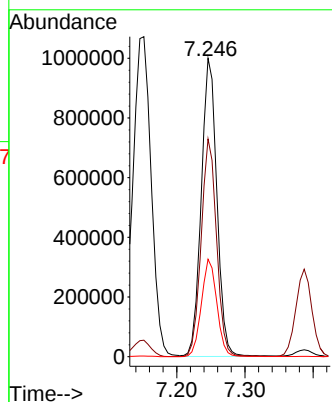
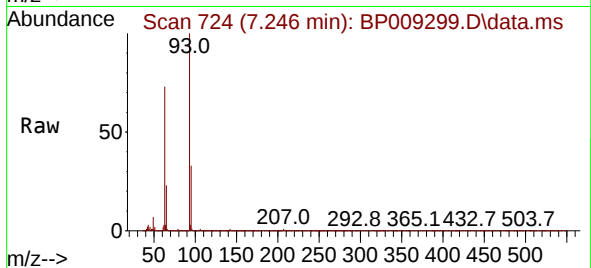




#11  
bis(2-Chloroethyl)ether  
Concen: 41.484 ng  
RT: 7.246 min Scan# 71  
Delta R.T. 0.000 min  
Lab File: BP009299.D  
Acq: 08 Mar 2022 11:52

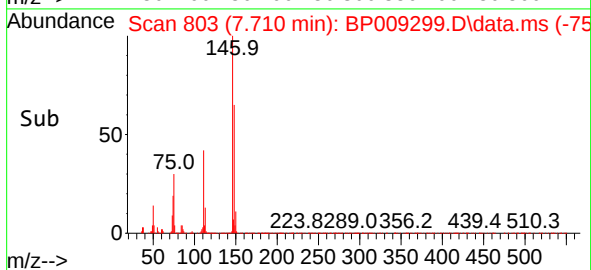
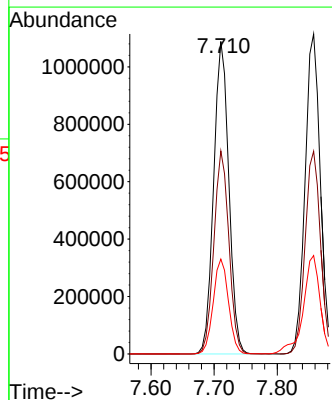
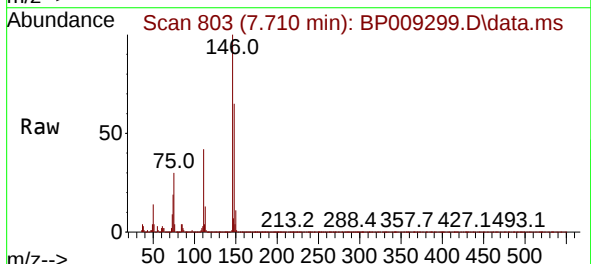
Instrument :  
BNA\_P  
ClientSampleId :  
PB143133BS

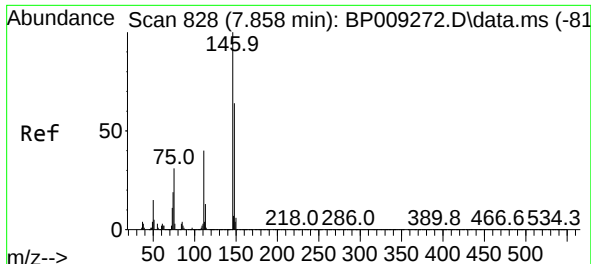
Tgt Ion: 93 Resp: 1595302  
Ion Ratio Lower Upper  
93 100  
63 73.0 53.5 93.5  
95 32.7 12.0 52.0



#12  
1,3-Dichlorobenzene  
Concen: 39.827 ng  
RT: 7.710 min Scan# 803  
Delta R.T. -0.000 min  
Lab File: BP009299.D  
Acq: 08 Mar 2022 11:52

Tgt Ion:146 Resp: 1814949  
Ion Ratio Lower Upper  
146 100  
148 65.0 51.4 77.0  
75 30.4 25.3 37.9

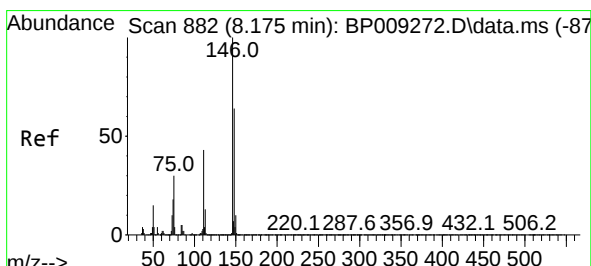
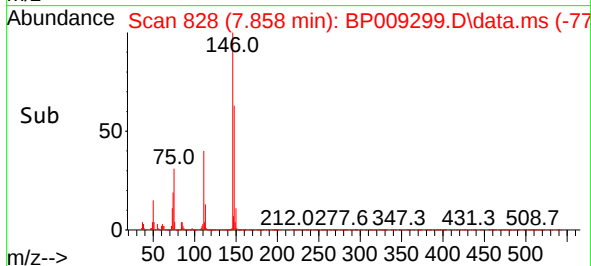
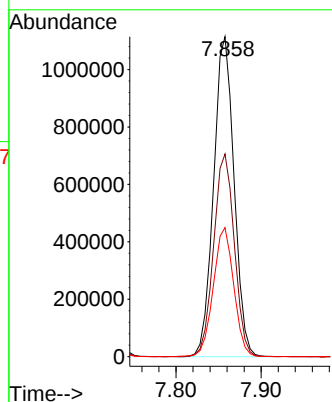
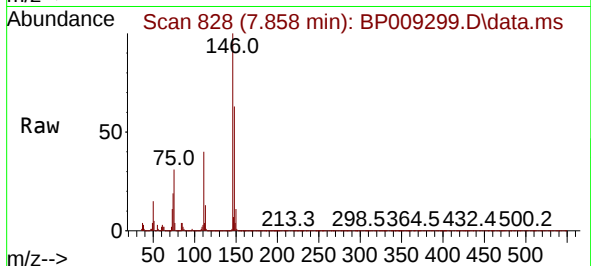




#13  
1,4-Dichlorobenzene  
Concen: 40.245 ng  
RT: 7.858 min Scan# 81  
Delta R.T. -0.000 min  
Lab File: BP009299.D  
Acq: 08 Mar 2022 11:52

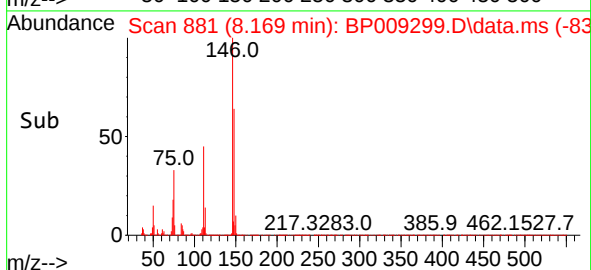
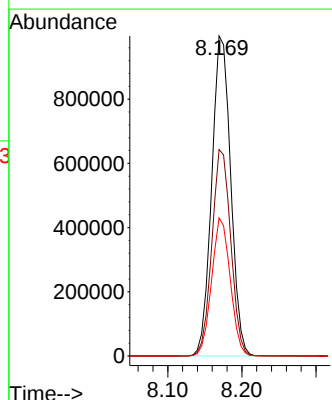
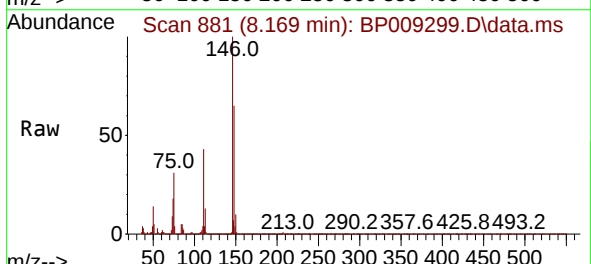
Instrument :  
BNA\_P  
ClientSampleId :  
PB143133BS

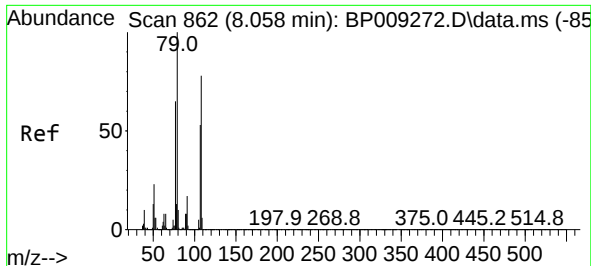
Tgt Ion:146 Resp: 1860833  
Ion Ratio Lower Upper  
146 100  
148 63.4 51.1 76.7  
111 40.4 32.1 48.1



#14  
1,2-Dichlorobenzene  
Concen: 40.099 ng  
RT: 8.169 min Scan# 881  
Delta R.T. -0.006 min  
Lab File: BP009299.D  
Acq: 08 Mar 2022 11:52

Tgt Ion:146 Resp: 1772019  
Ion Ratio Lower Upper  
146 100  
148 64.5 50.9 76.3  
111 43.1 34.1 51.1

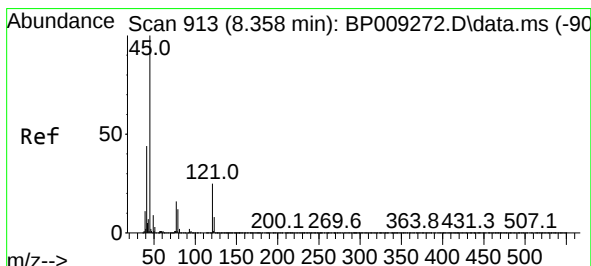
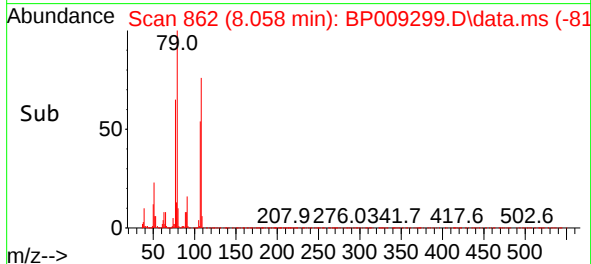
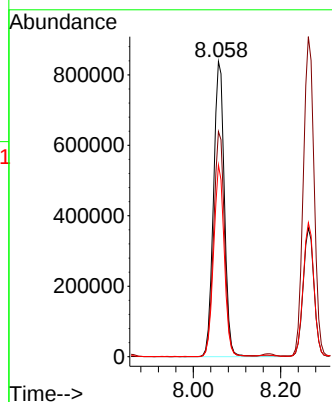
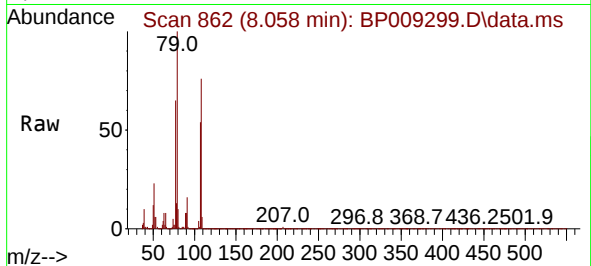




#15  
Benzyl Alcohol  
Concen: 42.795 ng  
RT: 8.058 min Scan# 862  
Delta R.T. 0.000 min  
Lab File: BP009299.D  
Acq: 08 Mar 2022 11:52

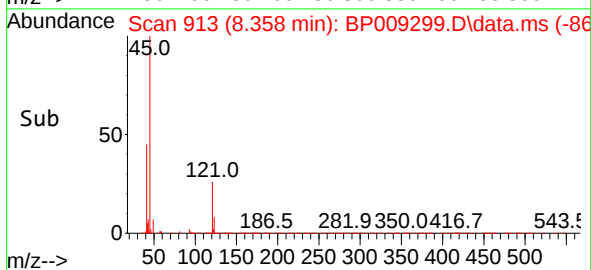
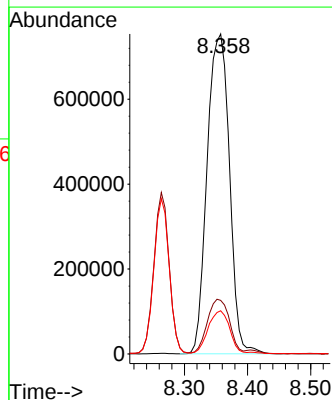
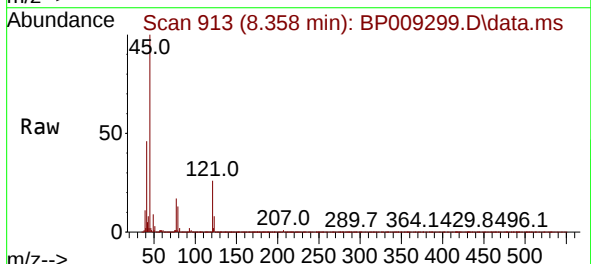
Instrument :  
BNA\_P  
ClientSampleId :  
PB143133BS

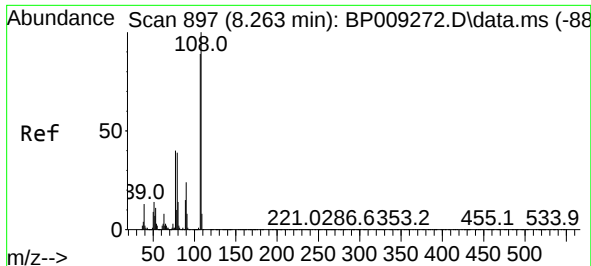
Tgt Ion: 79 Resp: 1448269  
Ion Ratio Lower Upper  
79 100  
108 76.3 62.5 93.7  
77 64.9 51.7 77.5



#16  
2,2'-oxybis(1-Chloropropane)  
Concen: 37.102 ng  
RT: 8.358 min Scan# 913  
Delta R.T. 0.000 min  
Lab File: BP009299.D  
Acq: 08 Mar 2022 11:52

Tgt Ion: 45 Resp: 1852022  
Ion Ratio Lower Upper  
45 100  
77 16.8 0.0 36.5  
79 13.5 0.0 32.4



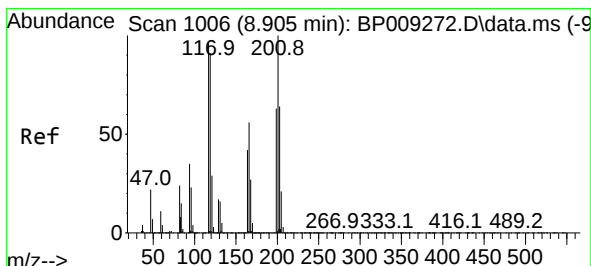
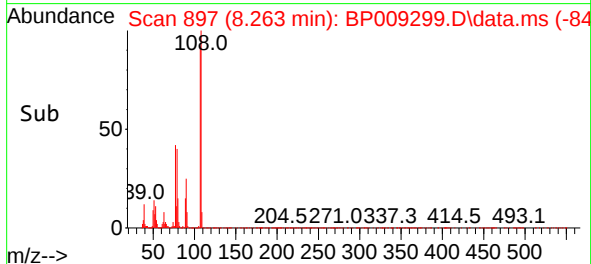
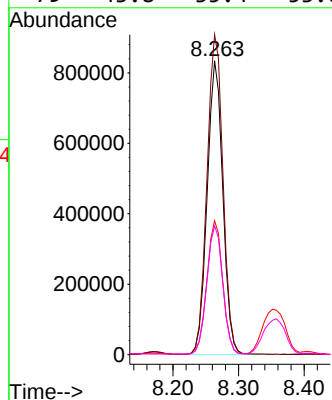
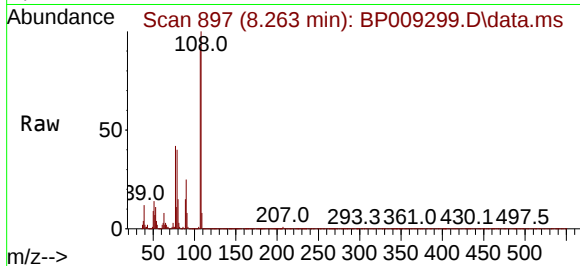


#17  
2-Methylphenol  
Concen: 43.032 ng  
RT: 8.263 min Scan# 897  
Delta R.T. 0.000 min  
Lab File: BP009299.D  
Acq: 08 Mar 2022 11:52

Instrument :  
BNA\_P  
ClientSampleId :  
PB143133BS

Tgt Ion:107 Resp: 1384151

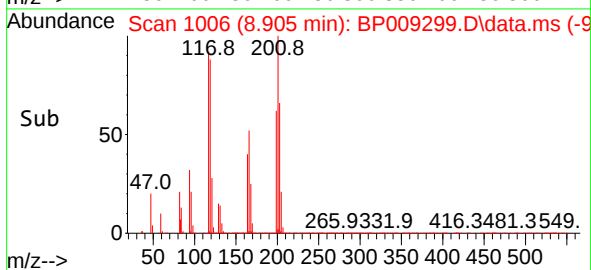
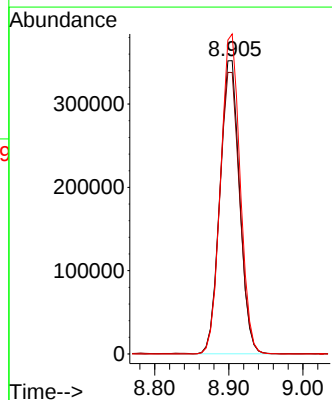
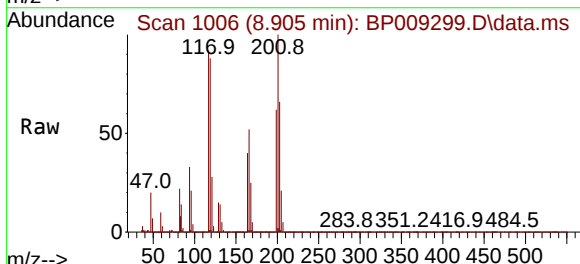
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 107 | 100   |       |       |
| 108 | 108.8 | 90.2  | 135.2 |
| 77  | 45.6  | 36.3  | 54.5  |
| 79  | 43.8  | 35.4  | 53.0  |

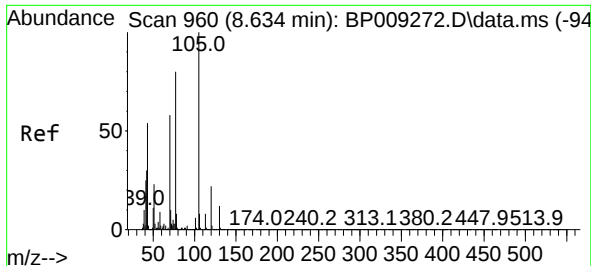


#18  
Hexachloroethane  
Concen: 40.336 ng  
RT: 8.905 min Scan# 1006  
Delta R.T. 0.000 min  
Lab File: BP009299.D  
Acq: 08 Mar 2022 11:52

Tgt Ion:117 Resp: 649102

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 117 | 100   |       |       |
| 119 | 96.0  | 76.4  | 114.6 |
| 201 | 109.1 | 83.4  | 125.2 |



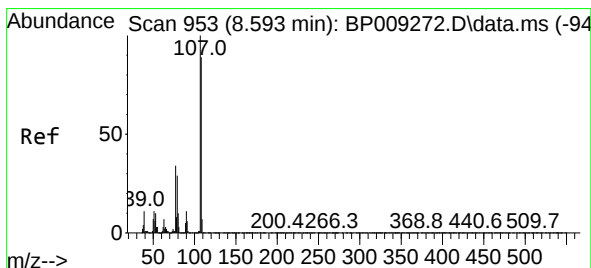
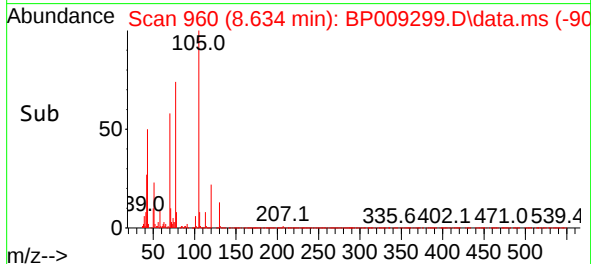
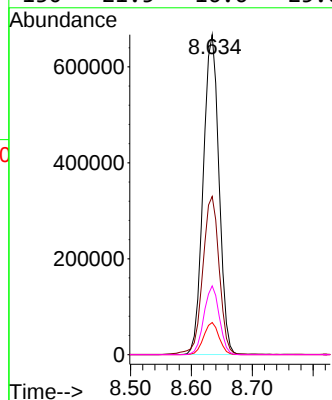
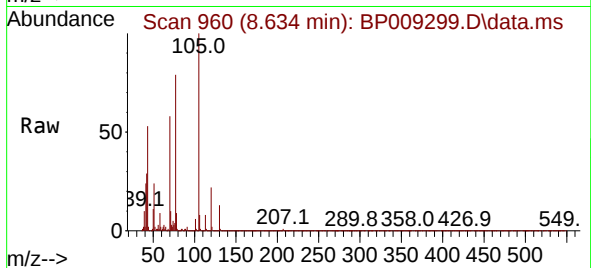


#19  
n-Nitroso-di-n-propylamine  
Concen: 41.217 ng  
RT: 8.634 min Scan# 960  
Delta R.T. -0.000 min  
Lab File: BP009299.D  
Acq: 08 Mar 2022 11:52

Instrument :  
BNA\_P  
ClientSampleId :  
PB143133BS

Tgt Ion: 70 Resp: 1192891

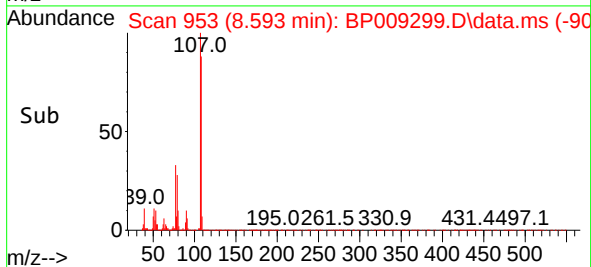
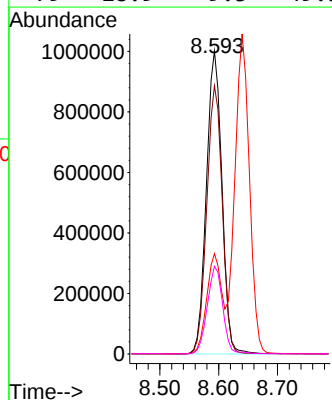
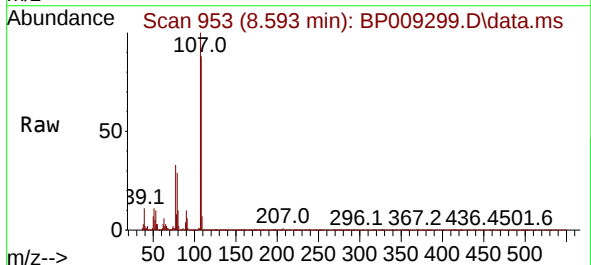
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 70  | 100   |       |       |
| 42  | 49.5  | 41.0  | 61.4  |
| 101 | 10.1  | 7.9   | 11.9  |
| 130 | 21.5  | 16.6  | 25.0  |

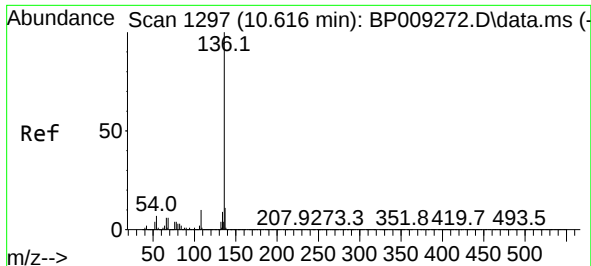


#20  
3+4-Methylphenols  
Concen: 42.527 ng  
RT: 8.593 min Scan# 953  
Delta R.T. 0.000 min  
Lab File: BP009299.D  
Acq: 08 Mar 2022 11:52

Tgt Ion: 107 Resp: 1833245

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 107 | 100   |       |       |
| 108 | 88.5  | 69.4  | 109.4 |
| 77  | 33.1  | 13.6  | 53.6  |
| 79  | 28.9  | 9.3   | 49.3  |

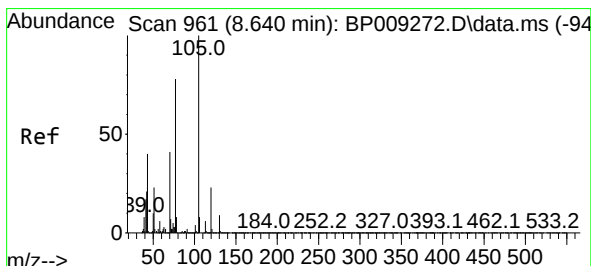
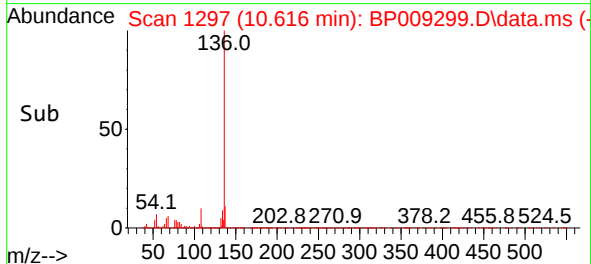
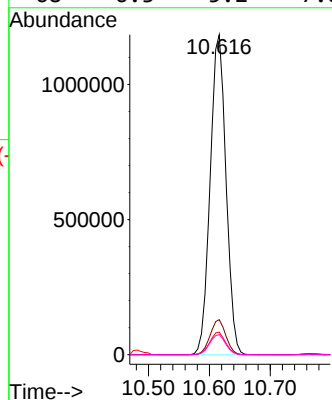
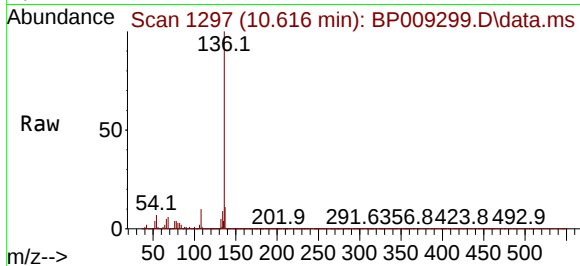




#21  
Naphthalene-d8  
Concen: 20.000 ng  
RT: 10.616 min Scan# 1297  
Delta R.T. 0.000 min  
Lab File: BP009299.D  
Acq: 08 Mar 2022 11:52

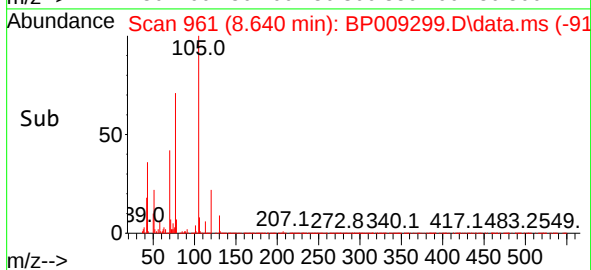
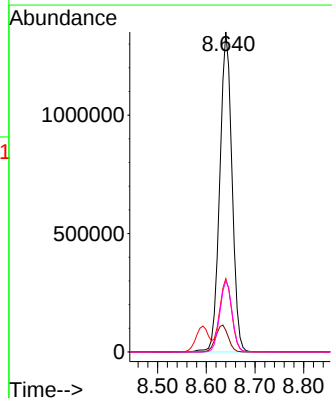
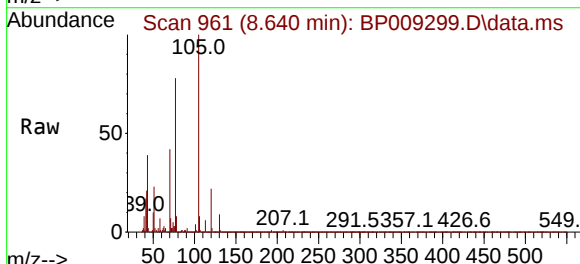
Instrument :  
BNA\_P  
ClientSampleId :  
PB143133BS

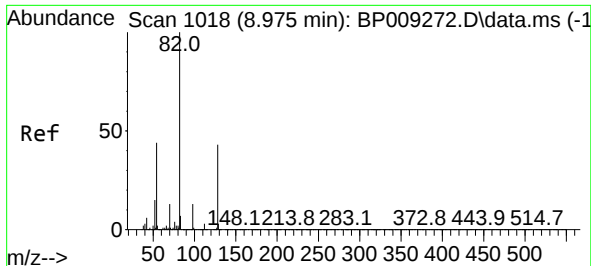
Tgt Ion:136 Resp: 2139238  
Ion Ratio Lower Upper  
136 100  
137 10.9 8.6 12.8  
54 7.1 5.8 8.8  
68 6.3 5.2 7.8



#22  
Acetophenone  
Concen: 41.236 ng  
RT: 8.640 min Scan# 961  
Delta R.T. 0.000 min  
Lab File: BP009299.D  
Acq: 08 Mar 2022 11:52

Tgt Ion:105 Resp: 2358074  
Ion Ratio Lower Upper  
105 100  
71 6.8 5.5 8.3  
51 22.9 18.9 28.3  
120 22.2 18.1 27.1

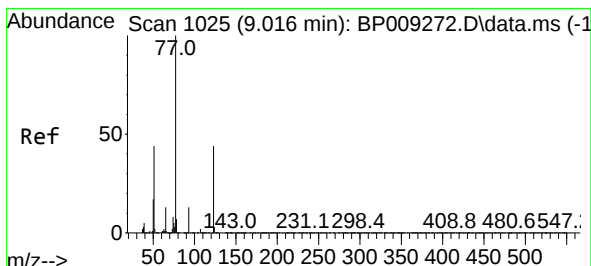
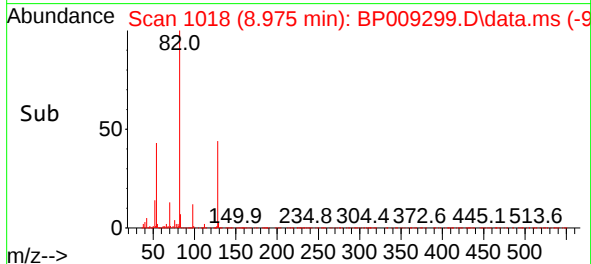
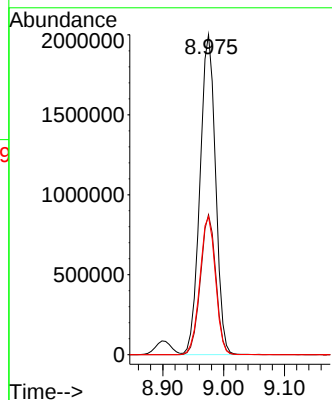
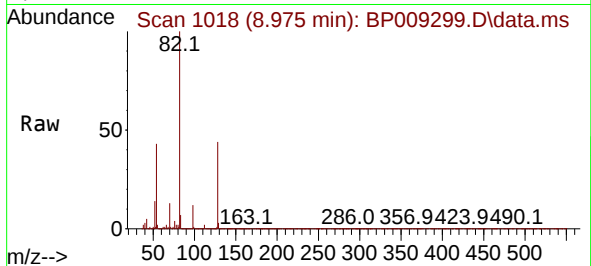




#23  
Nitrobenzene-d5  
Concen: 91.657 ng  
RT: 8.975 min Scan# 1018  
Delta R.T. 0.000 min  
Lab File: BP009299.D  
Acq: 08 Mar 2022 11:52

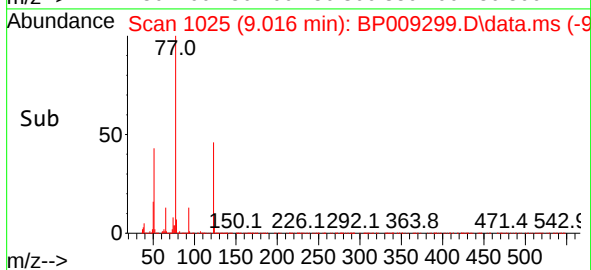
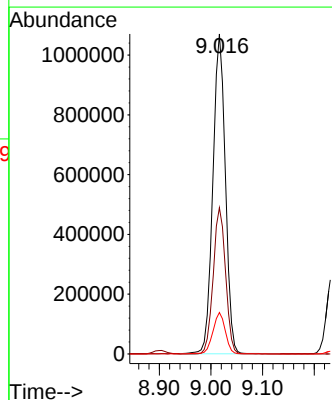
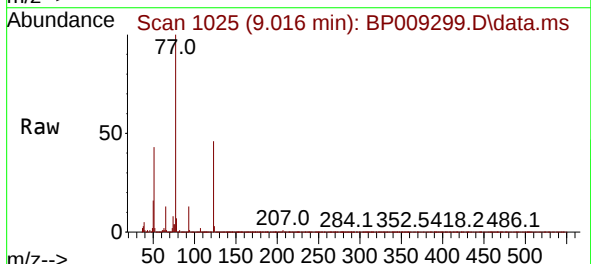
Instrument :  
BNA\_P  
ClientSampleId :  
PB143133BS

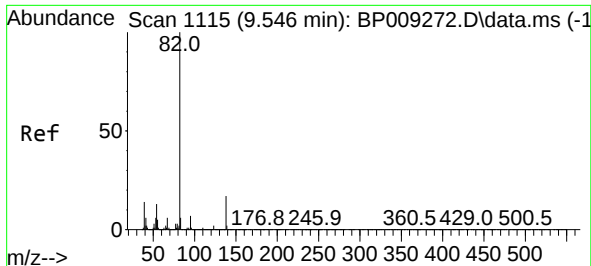
Tgt Ion: 82 Resp: 3559934  
Ion Ratio Lower Upper  
82 100  
128 43.7 34.2 51.4  
54 43.1 34.7 52.1



#24  
Nitrobenzene  
Concen: 43.625 ng  
RT: 9.016 min Scan# 1025  
Delta R.T. -0.000 min  
Lab File: BP009299.D  
Acq: 08 Mar 2022 11:52

Tgt Ion: 77 Resp: 1795701  
Ion Ratio Lower Upper  
77 100  
123 45.7 35.5 53.3  
65 13.0 10.3 15.5

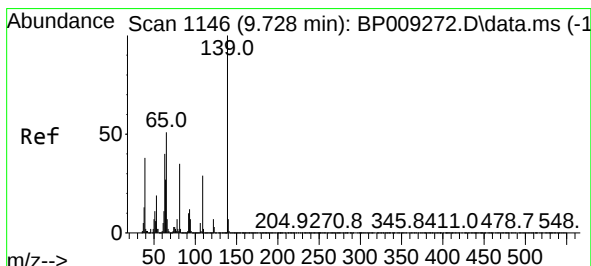
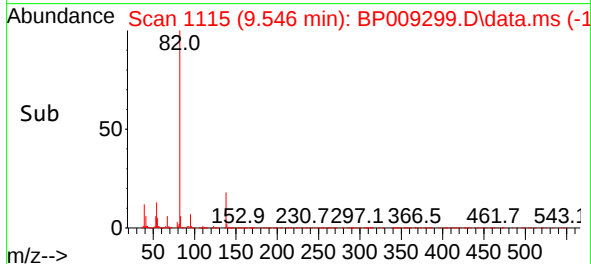
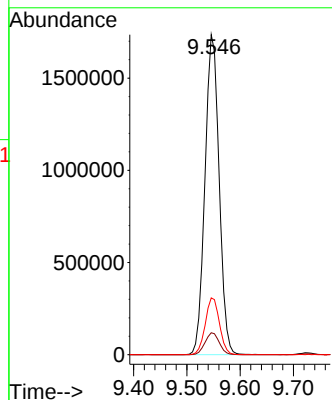
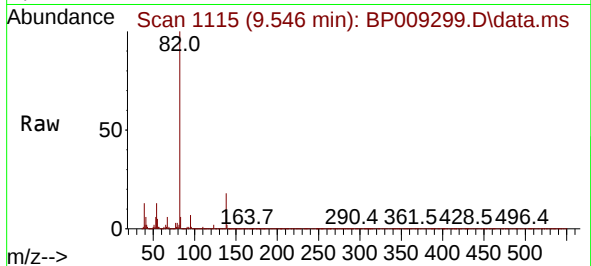




#25  
Isophorone  
Concen: 44.102 ng  
RT: 9.546 min Scan# 1115  
Delta R.T. -0.000 min  
Lab File: BP009299.D  
Acq: 08 Mar 2022 11:52

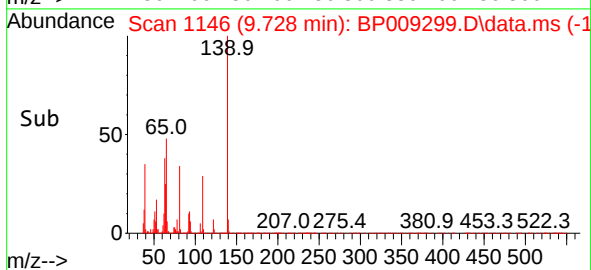
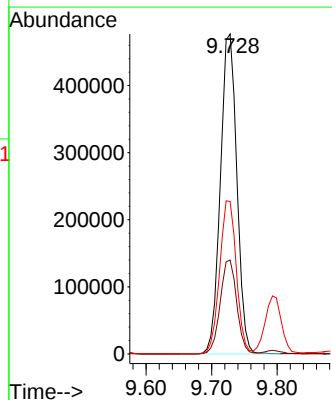
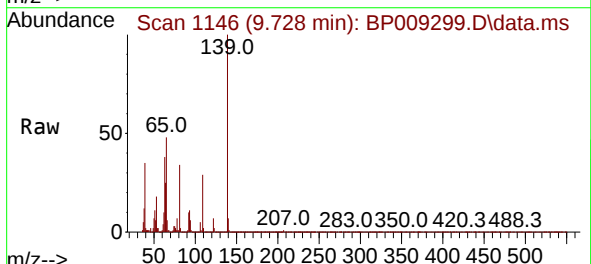
Instrument :  
BNA\_P  
ClientSampleId :  
PB143133BS

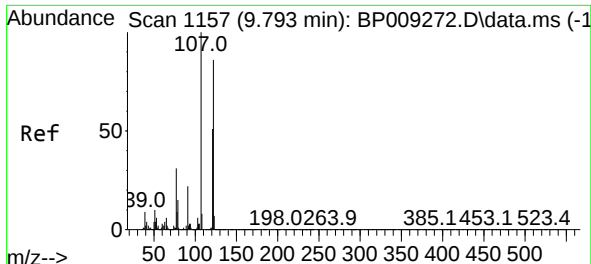
Tgt Ion: 82 Resp: 3204018  
Ion Ratio Lower Upper  
82 100  
95 6.9 5.5 8.3  
138 17.8 13.8 20.8



#26  
2-Nitrophenol  
Concen: 51.960 ng  
RT: 9.728 min Scan# 1146  
Delta R.T. 0.000 min  
Lab File: BP009299.D  
Acq: 08 Mar 2022 11:52

Tgt Ion: 139 Resp: 828536  
Ion Ratio Lower Upper  
139 100  
109 29.4 23.4 35.0  
65 47.7 41.0 61.6





#27

2,4-Dimethylphenol

Concen: 42.812 ng

RT: 9.793 min Scan# 1157

Delta R.T. 0.000 min

Lab File: BP009299.D

Acq: 08 Mar 2022 11:52

Instrument :

BNA\_P

ClientSampleId :

PB143133BS

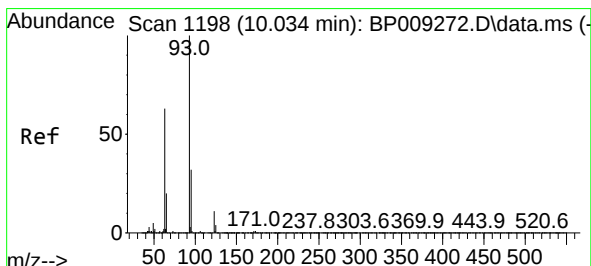
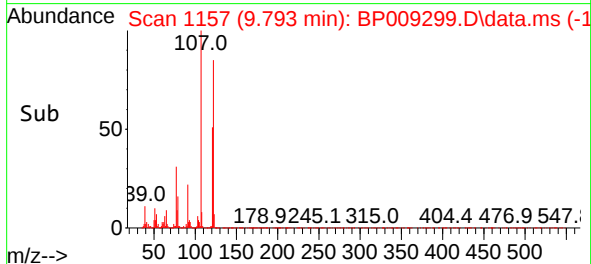
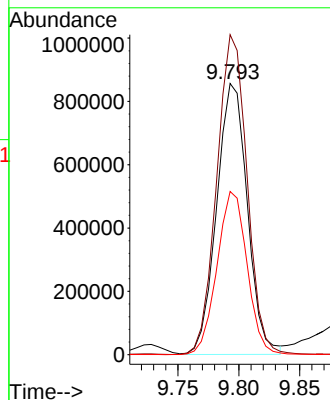
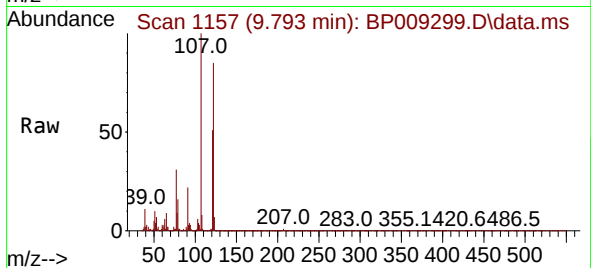
Tgt Ion:122 Resp: 1501469

Ion Ratio Lower Upper

122 100

107 118.0 92.6 138.8

121 60.2 46.7 70.1



#28

bis(2-Chloroethoxy)methane

Concen: 41.970 ng

RT: 10.028 min Scan# 1197

Delta R.T. -0.006 min

Lab File: BP009299.D

Acq: 08 Mar 2022 11:52

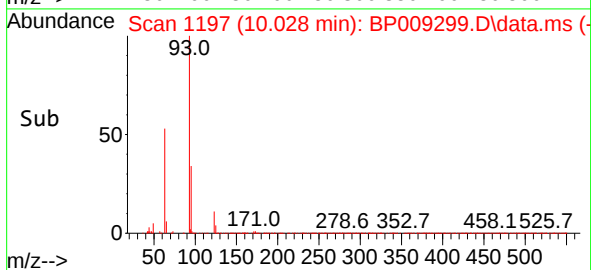
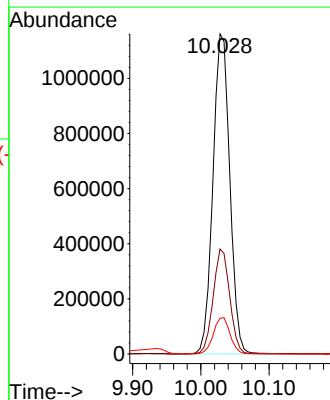
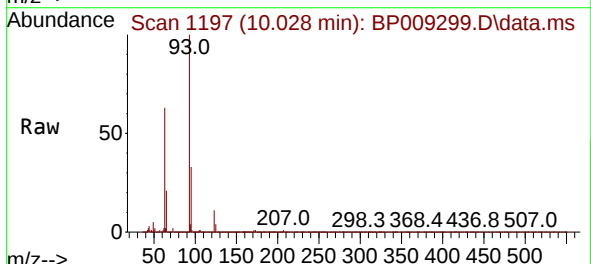
Tgt Ion: 93 Resp: 1995354

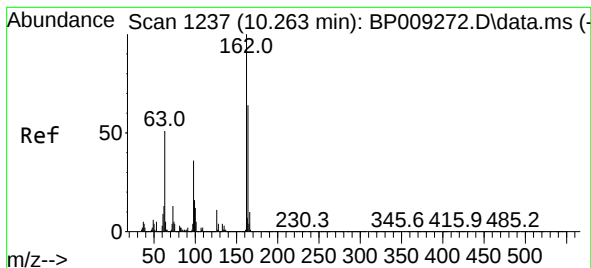
Ion Ratio Lower Upper

93 100

95 32.8 25.5 38.3

123 11.2 8.9 13.3





#29

2,4-Dichlorophenol

Concen: 44.015 ng

RT: 10.263 min Scan# 1237

Delta R.T. 0.000 min

Lab File: BP009299.D

Acq: 08 Mar 2022 11:52

Instrument :

BNA\_P

ClientSampleId :

PB143133BS

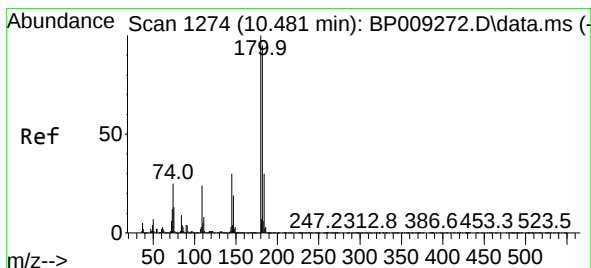
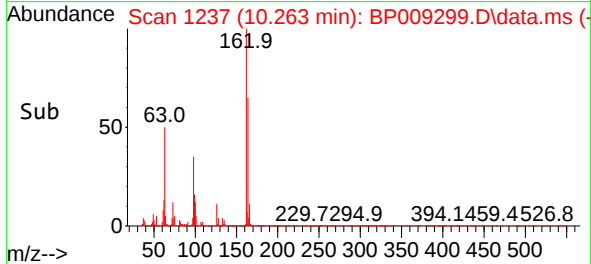
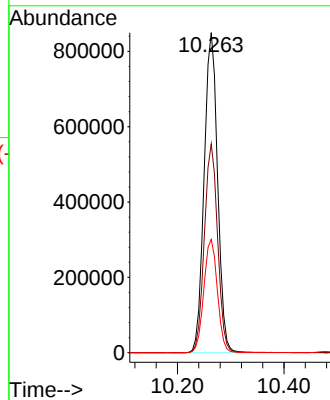
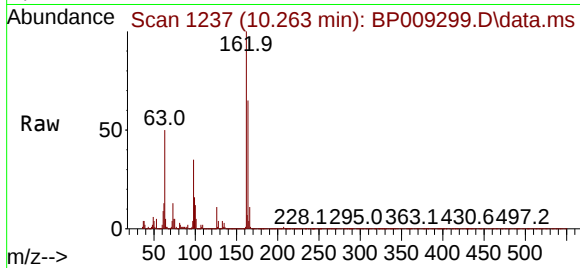
Tgt Ion:162 Resp: 1488829

Ion Ratio Lower Upper

162 100

164 65.3 44.3 84.3

98 35.4 15.6 55.6



#30

1,2,4-Trichlorobenzene

Concen: 42.033 ng

RT: 10.481 min Scan# 1274

Delta R.T. 0.000 min

Lab File: BP009299.D

Acq: 08 Mar 2022 11:52

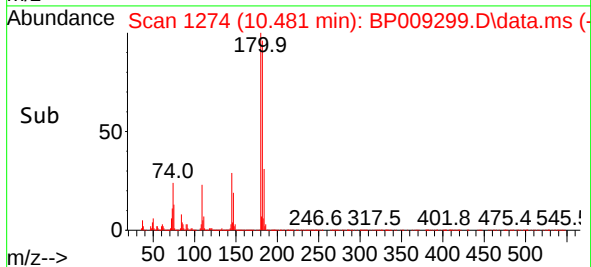
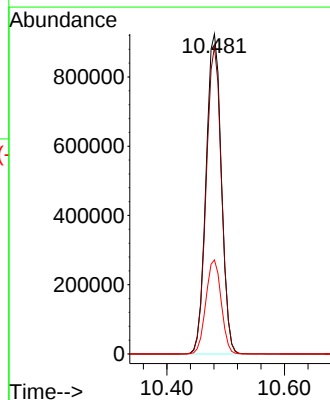
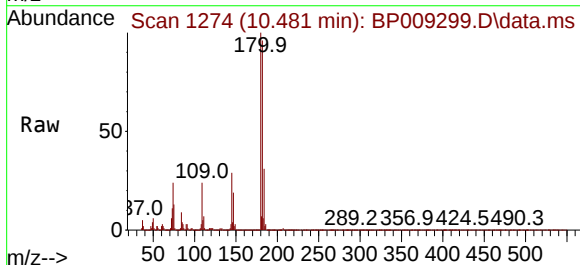
Tgt Ion:180 Resp: 1664115

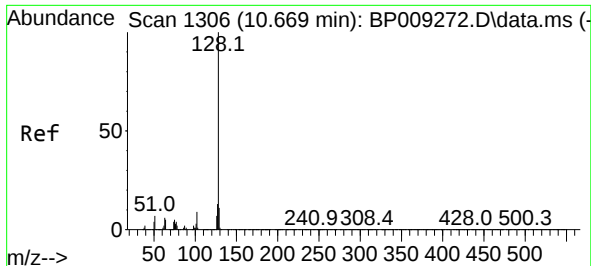
Ion Ratio Lower Upper

180 100

182 96.0 76.4 114.6

145 29.4 23.8 35.6

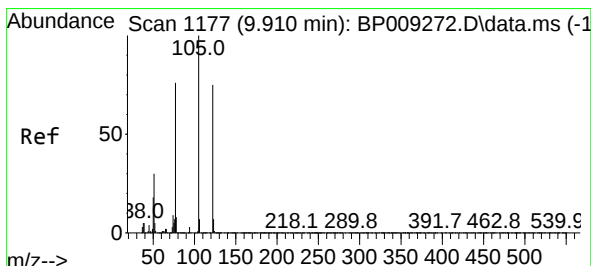
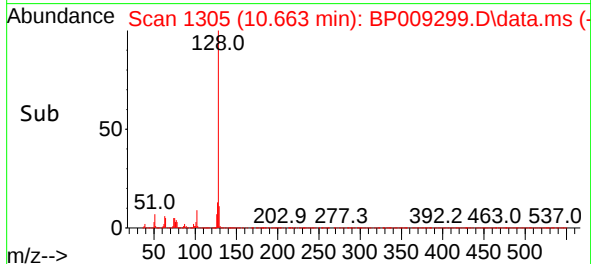
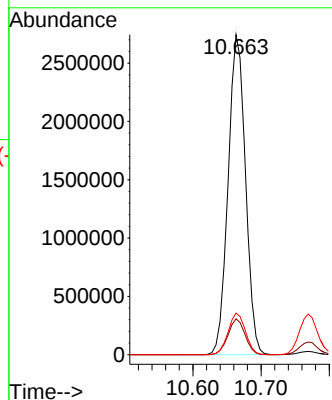
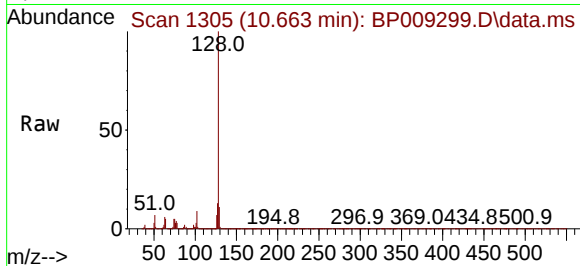




#31  
Naphthalene  
Concen: 41.052 ng  
RT: 10.663 min Scan# 1182  
Delta R.T. -0.006 min  
Lab File: BP009299.D  
Acq: 08 Mar 2022 11:52

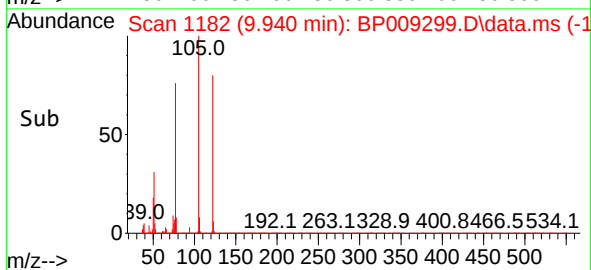
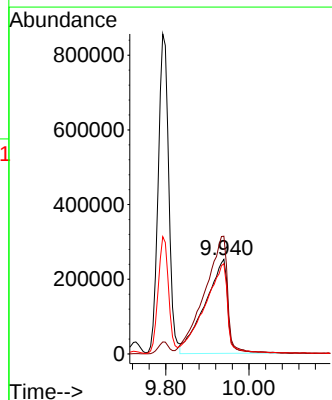
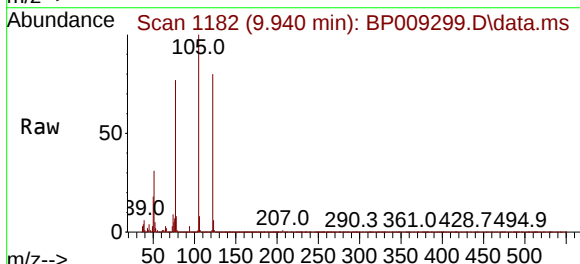
Instrument :  
BNA\_P  
ClientSampleId :  
PB143133BS

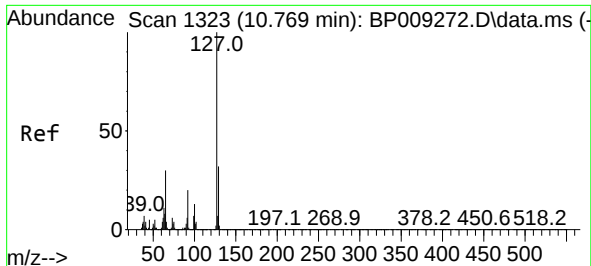
Tgt Ion:128 Resp: 4863385  
Ion Ratio Lower Upper  
128 100  
129 11.2 8.6 13.0  
127 13.0 10.5 15.7



#32  
Benzoic acid  
Concen: 53.879 ng  
RT: 9.940 min Scan# 1182  
Delta R.T. 0.029 min  
Lab File: BP009299.D  
Acq: 08 Mar 2022 11:52

Tgt Ion:122 Resp: 959704  
Ion Ratio Lower Upper  
122 100  
105 124.5 110.5 150.5  
77 95.4 79.9 119.9

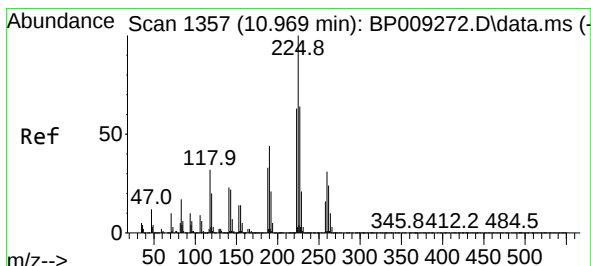
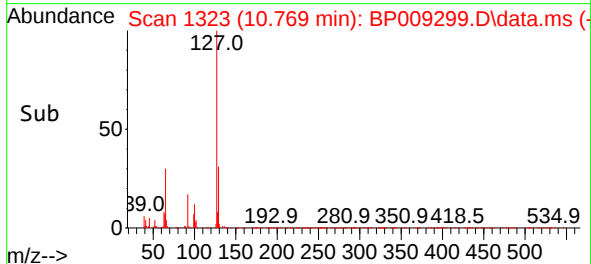
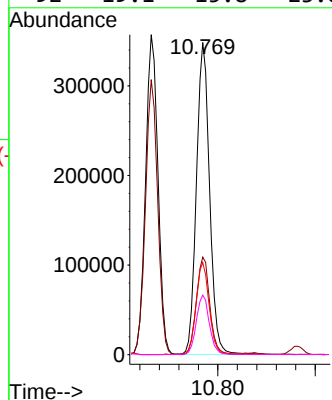
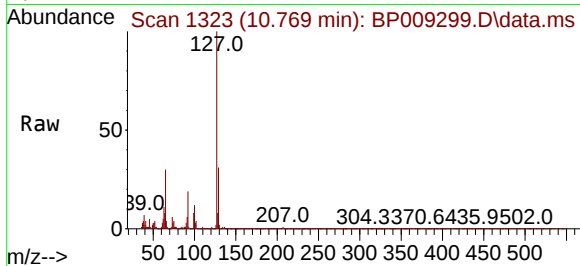




#33  
4-Chloroaniline  
Concen: 13.543 ng  
RT: 10.769 min Scan# 11  
Delta R.T. 0.000 min  
Lab File: BP009299.D  
Acq: 08 Mar 2022 11:52

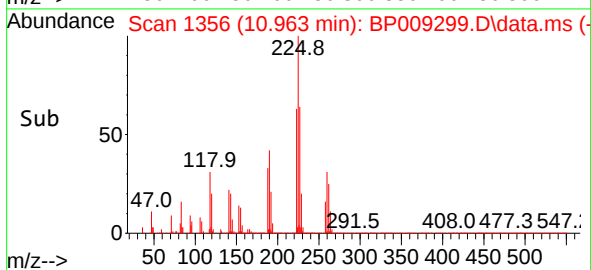
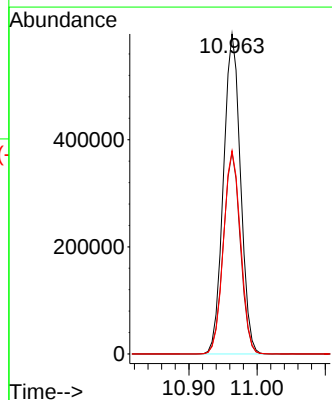
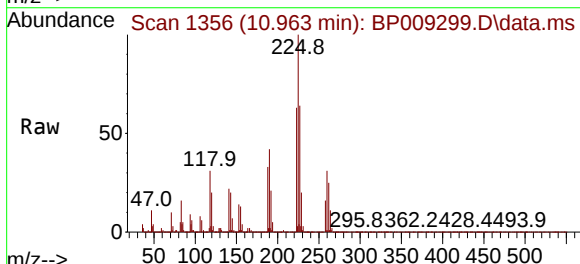
Instrument :  
BNA\_P  
ClientSampleId :  
PB143133BS

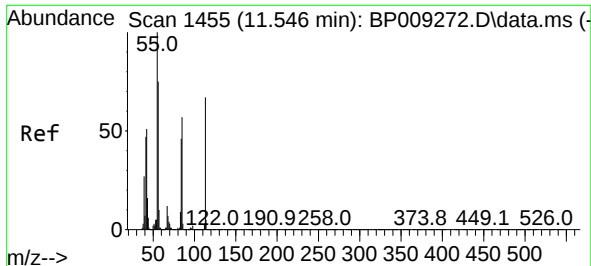
|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 127   | Resp: | 656007 |
| Ion      | Ratio | Lower | Upper  |
| 127      | 100   |       |        |
| 129      | 31.3  | 25.5  | 38.3   |
| 65       | 29.5  | 24.3  | 36.5   |
| 92       | 19.1  | 15.8  | 23.8   |



#34  
Hexachlorobutadiene  
Concen: 43.156 ng  
RT: 10.963 min Scan# 1356  
Delta R.T. -0.006 min  
Lab File: BP009299.D  
Acq: 08 Mar 2022 11:52

|          |       |       |         |
|----------|-------|-------|---------|
| Tgt Ion: | 225   | Resp: | 1040485 |
| Ion      | Ratio | Lower | Upper   |
| 225      | 100   |       |         |
| 223      | 63.0  | 50.5  | 75.7    |
| 227      | 63.5  | 51.2  | 76.8    |

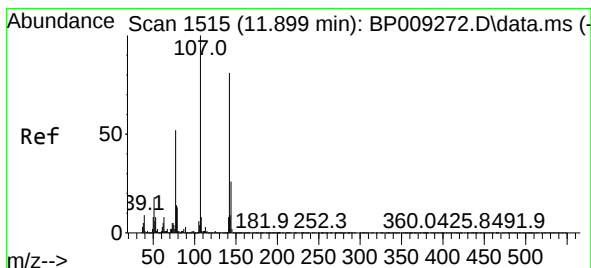
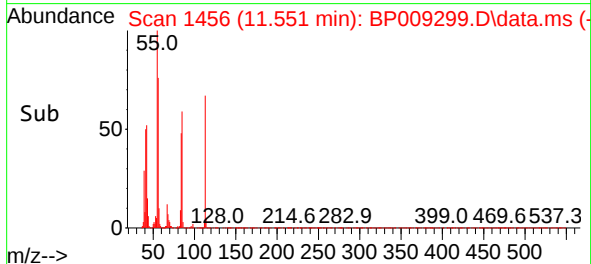
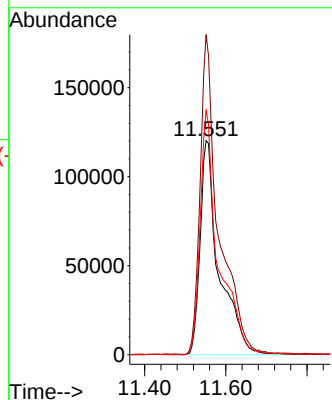
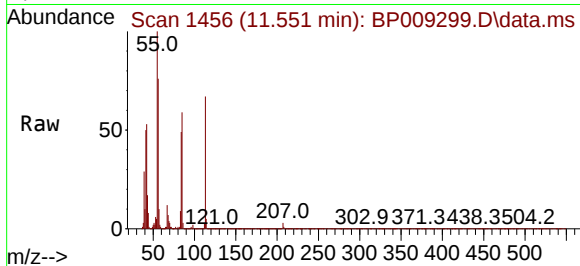




#35  
Caprolactam  
Concen: 39.202 ng  
RT: 11.551 min Scan# 1455  
Delta R.T. 0.006 min  
Lab File: BP009299.D  
Acq: 08 Mar 2022 11:52

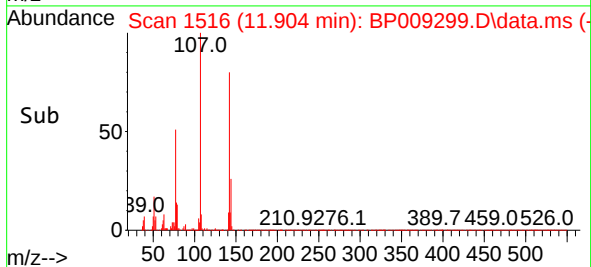
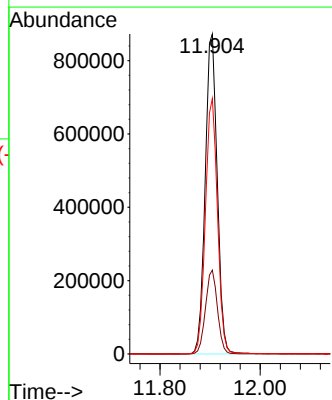
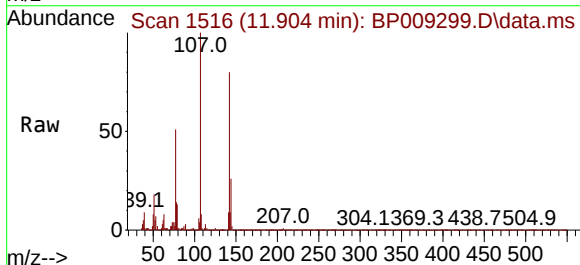
Instrument :  
BNA\_P  
ClientSampleId :  
PB143133BS

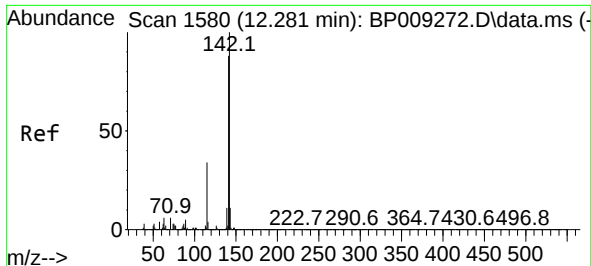
Tgt Ion:113 Resp: 390318  
Ion Ratio Lower Upper  
113 100  
55 149.4 128.4 168.4  
56 114.0 90.9 130.9



#36  
4-Chloro-3-methylphenol  
Concen: 41.253 ng  
RT: 11.904 min Scan# 1516  
Delta R.T. 0.006 min  
Lab File: BP009299.D  
Acq: 08 Mar 2022 11:52

Tgt Ion:107 Resp: 1456634  
Ion Ratio Lower Upper  
107 100  
144 26.2 21.0 31.4  
142 79.8 64.9 97.3

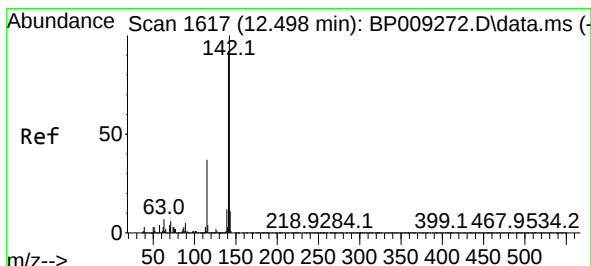
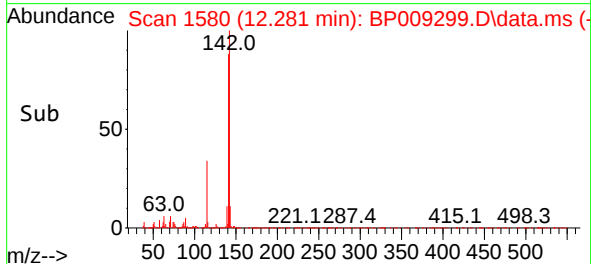
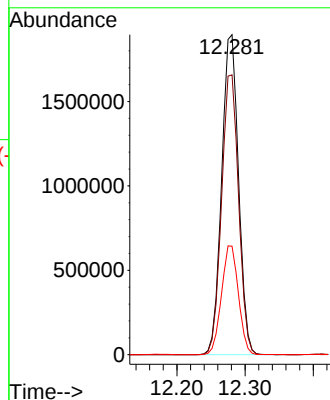
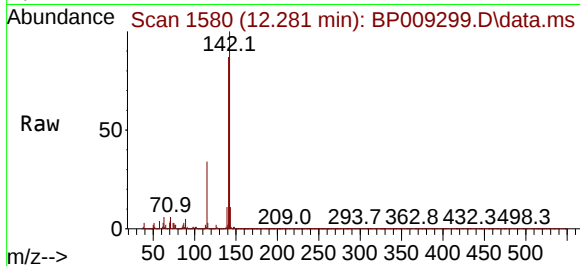




#37  
2-Methylnaphthalene  
Concen: 38.756 ng  
RT: 12.281 min Scan# 1580  
Delta R.T. -0.000 min  
Lab File: BP009299.D  
Acq: 08 Mar 2022 11:52

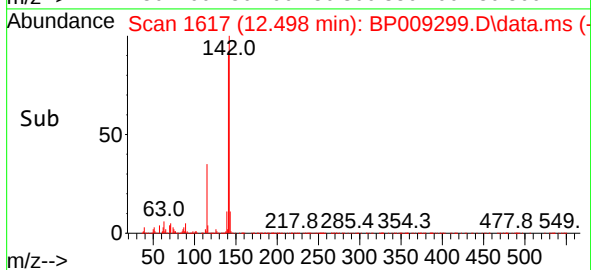
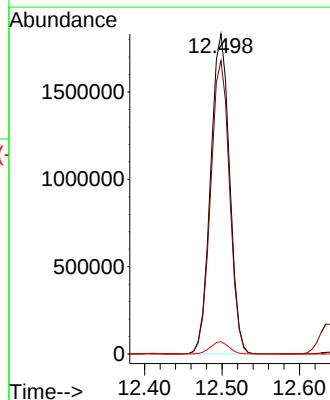
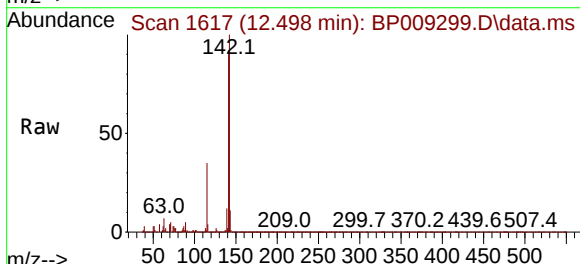
Instrument :  
BNA\_P  
ClientSampleId :  
PB143133BS

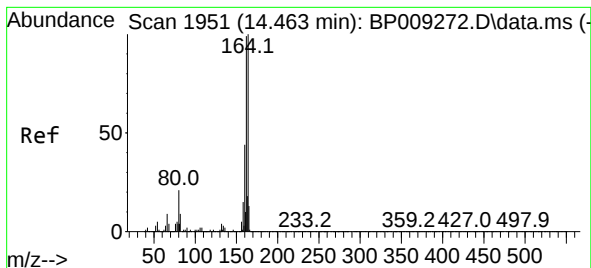
Tgt Ion:142 Resp: 3262175  
Ion Ratio Lower Upper  
142 100  
141 87.4 70.2 105.4  
115 33.9 27.4 41.2



#38  
1-Methylnaphthalene  
Concen: 40.229 ng  
RT: 12.498 min Scan# 1617  
Delta R.T. -0.000 min  
Lab File: BP009299.D  
Acq: 08 Mar 2022 11:52

Tgt Ion:142 Resp: 3118504  
Ion Ratio Lower Upper  
142 100  
141 91.6 73.5 110.3  
116 3.8 3.3 4.9





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.457 min Scan# 1951

Delta R.T. -0.006 min

Lab File: BP009299.D

Acq: 08 Mar 2022 11:52

Instrument :

BNA\_P

ClientSampleId :

PB143133BS

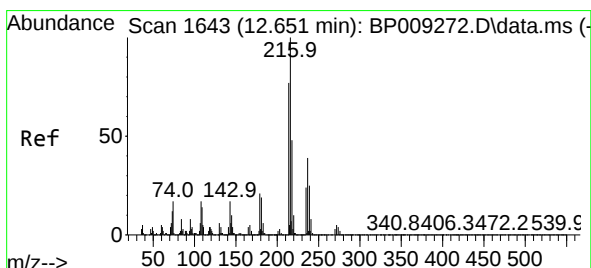
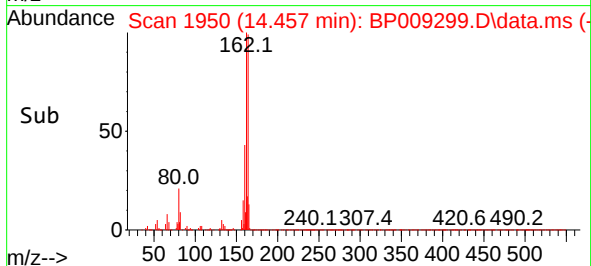
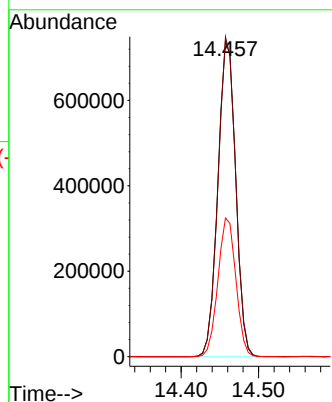
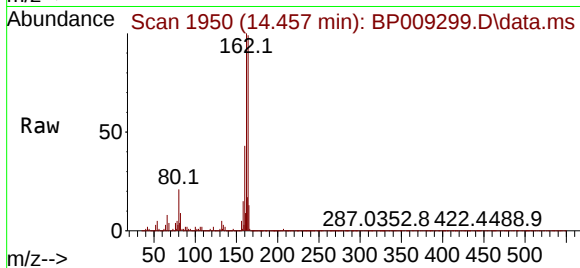
Tgt Ion:164 Resp: 1183637

Ion Ratio Lower Upper

164 100

162 101.4 79.1 118.7

160 44.0 34.9 52.3



#40

1,2,4,5-Tetrachlorobenzene

Concen: 44.049 ng

RT: 12.651 min Scan# 1643

Delta R.T. -0.000 min

Lab File: BP009299.D

Acq: 08 Mar 2022 11:52

Tgt Ion:216 Resp: 1756990

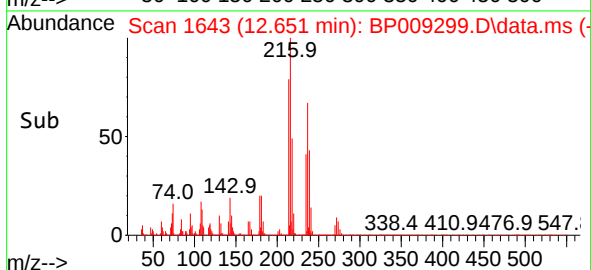
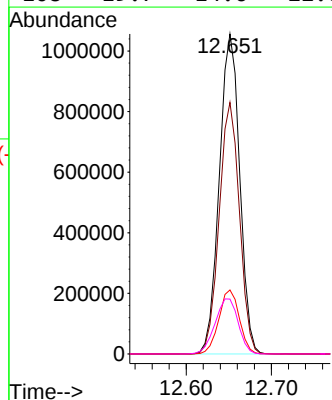
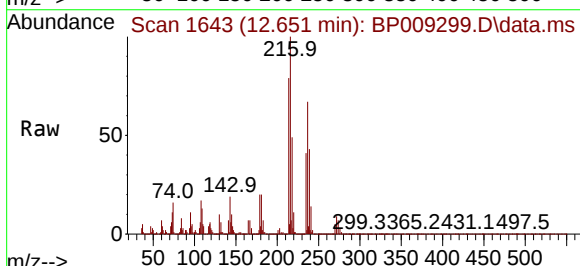
Ion Ratio Lower Upper

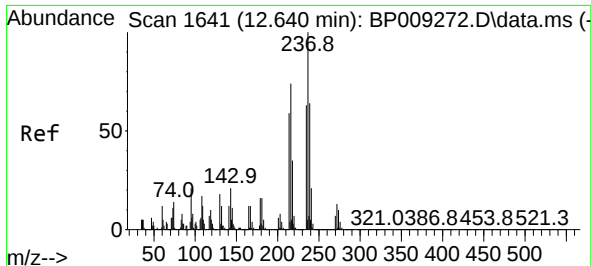
216 100

214 78.1 62.3 93.5

179 20.1 16.8 25.2

108 19.7 14.6 22.0

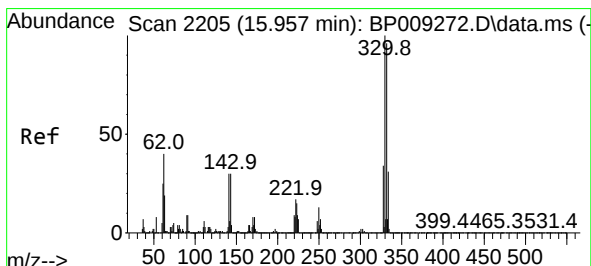
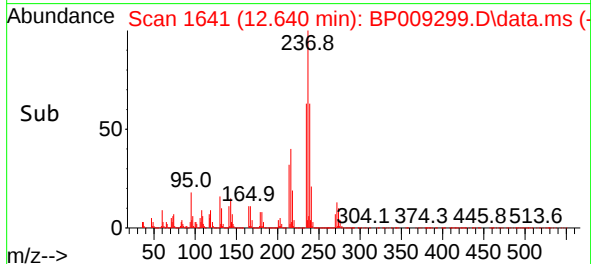
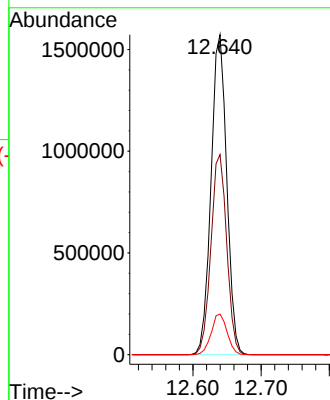
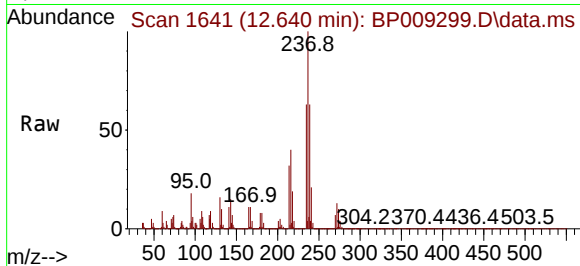




#41  
Hexachlorocyclopentadiene  
Concen: 99.716 ng  
RT: 12.640 min Scan# 1  
Delta R.T. -0.000 min  
Lab File: BP009299.D  
Acq: 08 Mar 2022 11:52

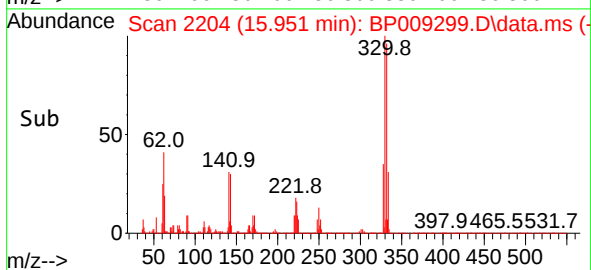
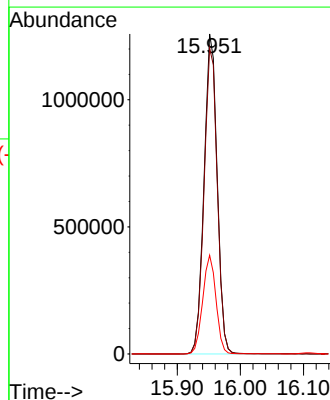
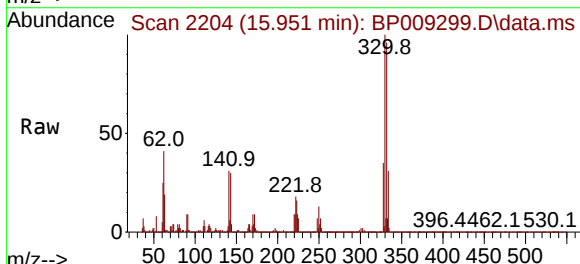
Instrument :  
BNA\_P  
ClientSampleId :  
PB143133BS

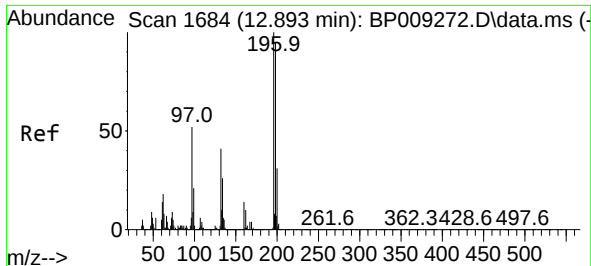
Tgt Ion:237 Resp: 2519186  
Ion Ratio Lower Upper  
237 100  
235 62.5 42.6 82.6  
272 12.7 0.0 32.8



#42  
2,4,6-Tribromophenol  
Concen: 127.420 ng  
RT: 15.951 min Scan# 2204  
Delta R.T. -0.006 min  
Lab File: BP009299.D  
Acq: 08 Mar 2022 11:52

Tgt Ion:330 Resp: 1821142  
Ion Ratio Lower Upper  
330 100  
332 96.4 77.0 115.6  
141 31.1 27.6 41.4

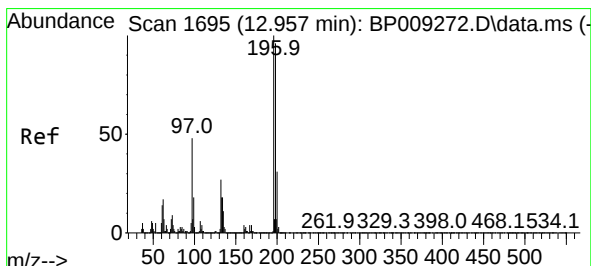
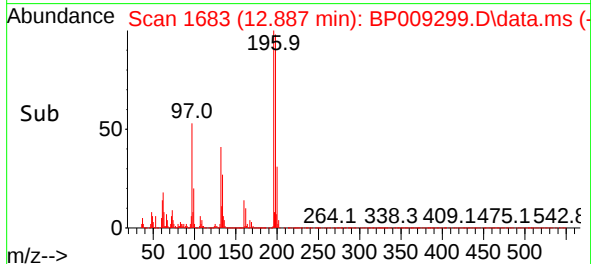
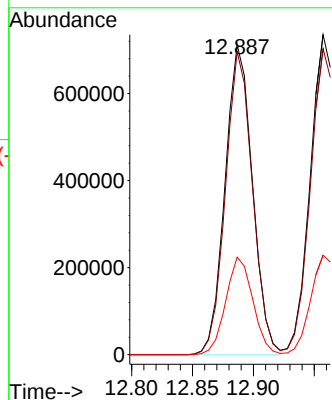
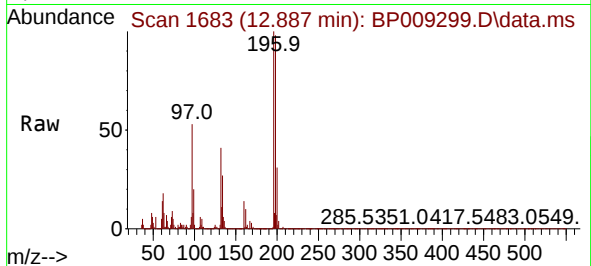




#43  
2,4,6-Trichlorophenol  
Concen: 46.614 ng  
RT: 12.887 min Scan# 1683  
Delta R.T. -0.006 min  
Lab File: BP009299.D  
Acq: 08 Mar 2022 11:52

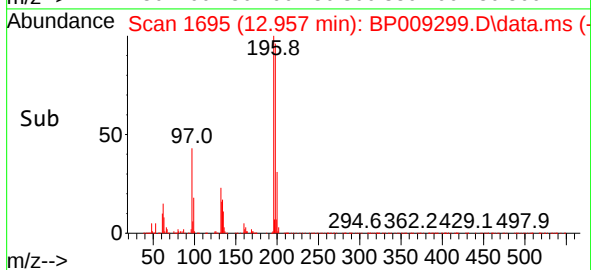
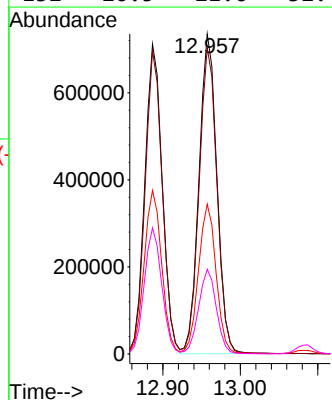
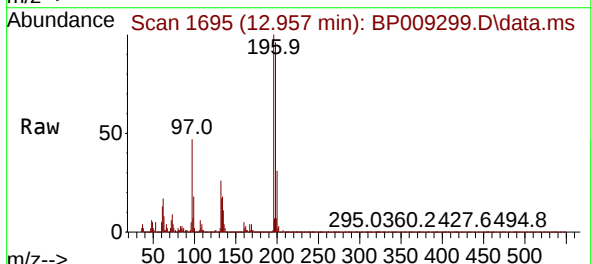
Instrument :  
BNA\_P  
ClientSampleId :  
PB143133BS

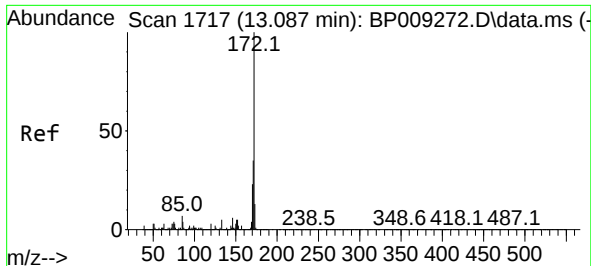
Tgt Ion:196 Resp: 1116427  
Ion Ratio Lower Upper  
196 100  
198 97.8 76.2 114.4  
200 31.5 24.4 36.6



#44  
2,4,5-Trichlorophenol  
Concen: 44.890 ng  
RT: 12.957 min Scan# 1695  
Delta R.T. -0.000 min  
Lab File: BP009299.D  
Acq: 08 Mar 2022 11:52

Tgt Ion:196 Resp: 1179262  
Ion Ratio Lower Upper  
196 100  
198 95.6 76.6 114.8  
97 46.8 38.3 57.5  
132 26.5 21.6 32.4

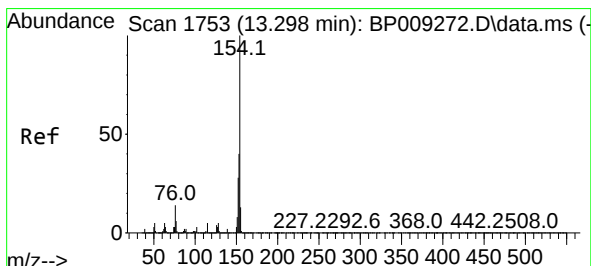
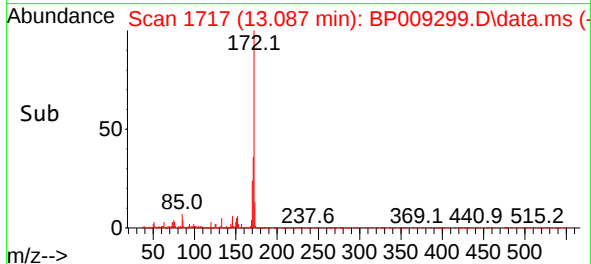
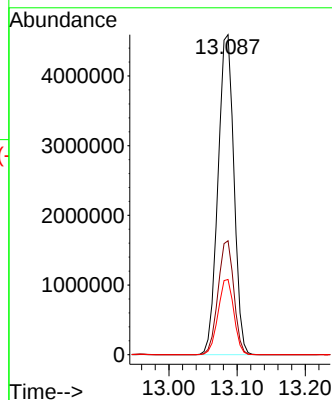
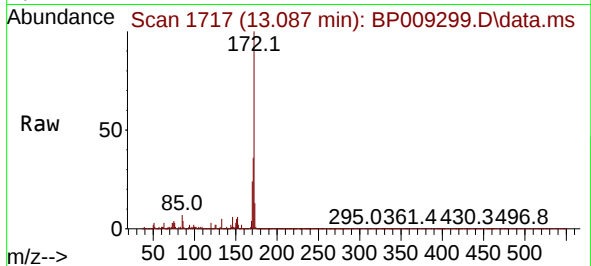




#45  
2-Fluorobiphenyl  
Concen: 86.802 ng  
RT: 13.087 min Scan# 1717  
Delta R.T. -0.000 min  
Lab File: BP009299.D  
Acq: 08 Mar 2022 11:52

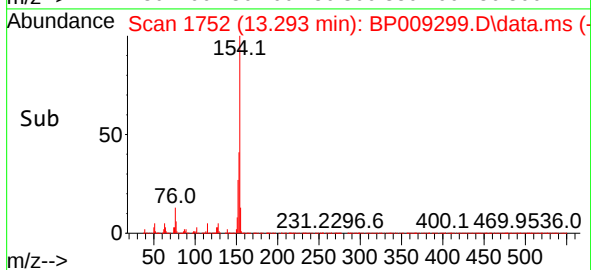
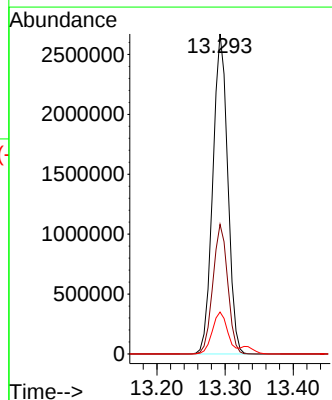
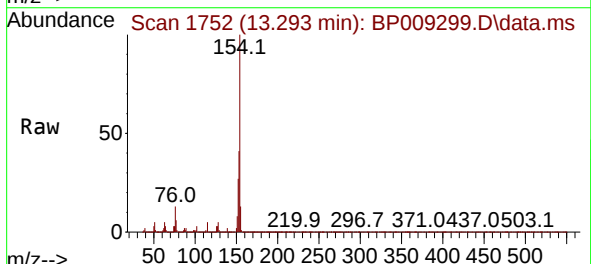
Instrument :  
BNA\_P  
ClientSampleId :  
PB143133BS

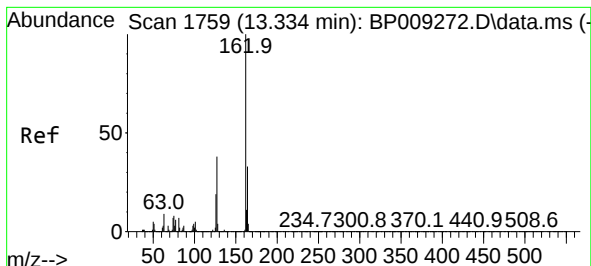
Tgt Ion:172 Resp: 7471059  
Ion Ratio Lower Upper  
172 100  
171 35.6 28.0 42.0  
170 23.5 18.6 27.8



#46  
1,1'-Biphenyl  
Concen: 42.079 ng  
RT: 13.293 min Scan# 1752  
Delta R.T. -0.006 min  
Lab File: BP009299.D  
Acq: 08 Mar 2022 11:52

Tgt Ion:154 Resp: 4066401  
Ion Ratio Lower Upper  
154 100  
153 40.5 20.2 60.2  
76 13.1 0.0 34.0

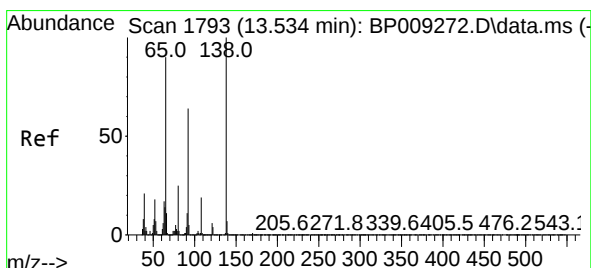
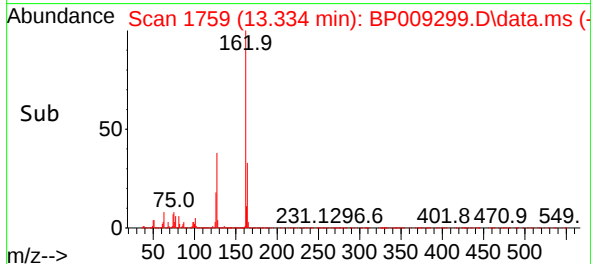
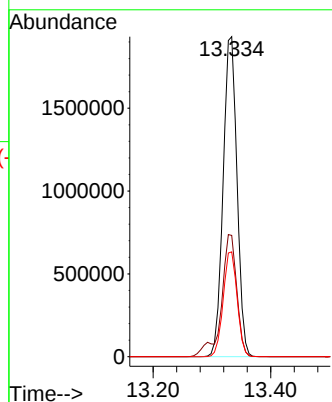
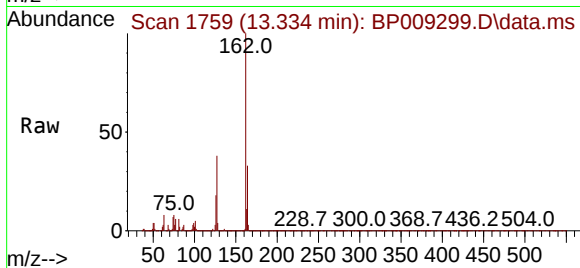




#47  
2-Chloronaphthalene  
Concen: 43.217 ng  
RT: 13.334 min Scan# 1759  
Delta R.T. -0.000 min  
Lab File: BP009299.D  
Acq: 08 Mar 2022 11:52

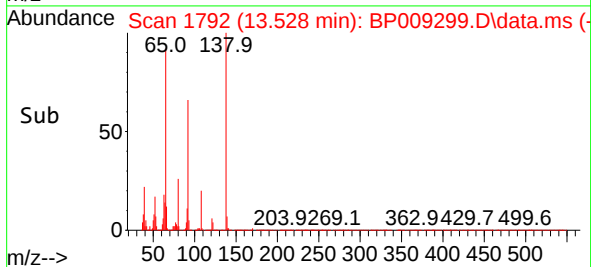
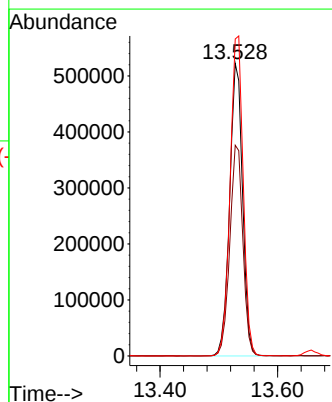
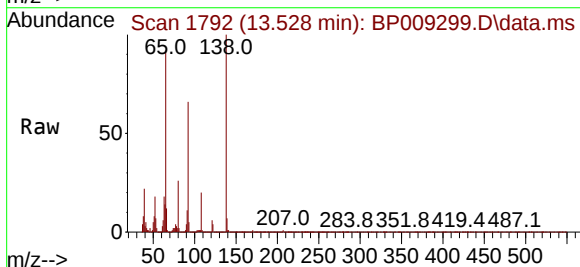
Instrument :  
BNA\_P  
ClientSampleId :  
PB143133BS

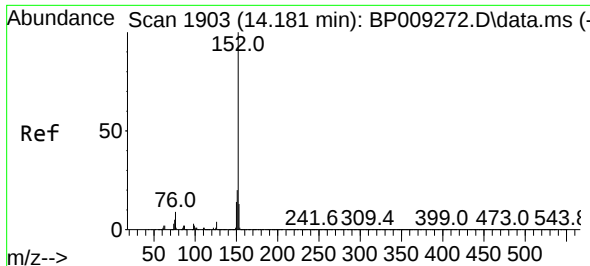
Tgt Ion:162 Resp: 3163378  
Ion Ratio Lower Upper  
162 100  
127 37.9 30.8 46.2  
164 32.8 26.3 39.5



#48  
2-Nitroaniline  
Concen: 47.279 ng  
RT: 13.528 min Scan# 1792  
Delta R.T. -0.006 min  
Lab File: BP009299.D  
Acq: 08 Mar 2022 11:52

Tgt Ion: 65 Resp: 795718  
Ion Ratio Lower Upper  
65 100  
92 72.0 56.9 85.3  
138 108.4 89.3 133.9

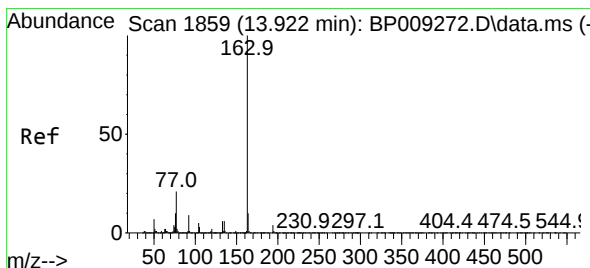
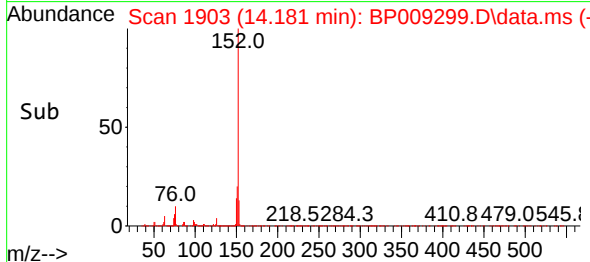
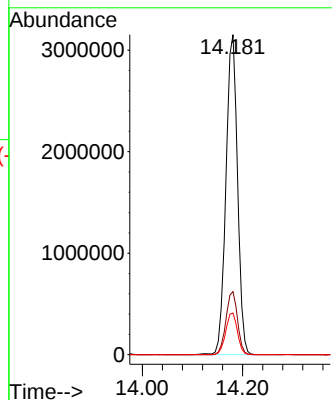
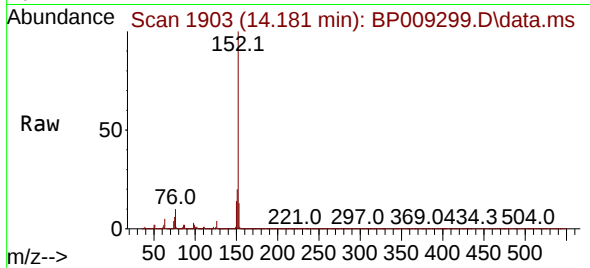




#49  
Acenaphthylene  
Concen: 44.643 ng  
RT: 14.181 min Scan# 1903  
Delta R.T. -0.000 min  
Lab File: BP009299.D  
Acq: 08 Mar 2022 11:52

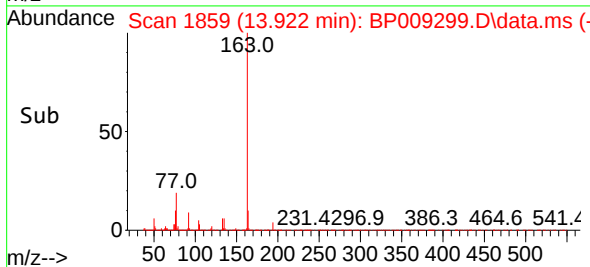
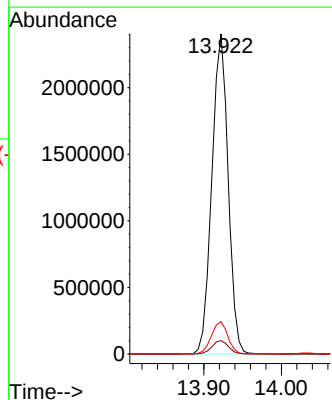
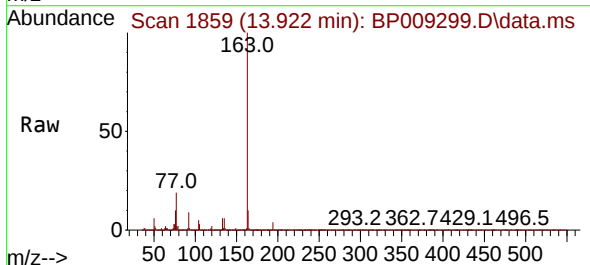
Instrument :  
BNA\_P  
ClientSampleId :  
PB143133BS

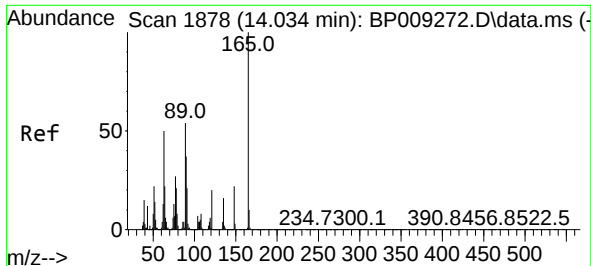
Tgt Ion:152 Resp: 5049074  
Ion Ratio Lower Upper  
152 100  
151 19.7 15.9 23.9  
153 13.0 10.7 16.1



#50  
Dimethylphthalate  
Concen: 40.183 ng  
RT: 13.922 min Scan# 1859  
Delta R.T. 0.000 min  
Lab File: BP009299.D  
Acq: 08 Mar 2022 11:52

Tgt Ion:163 Resp: 3508004  
Ion Ratio Lower Upper  
163 100  
194 4.1 3.4 5.0  
164 10.1 8.2 12.2

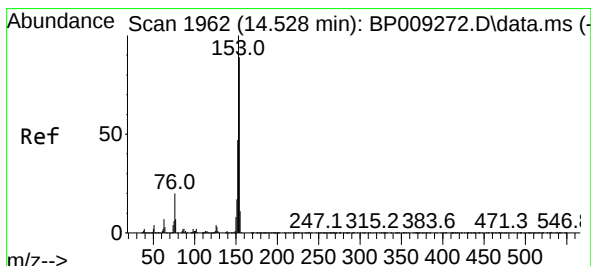
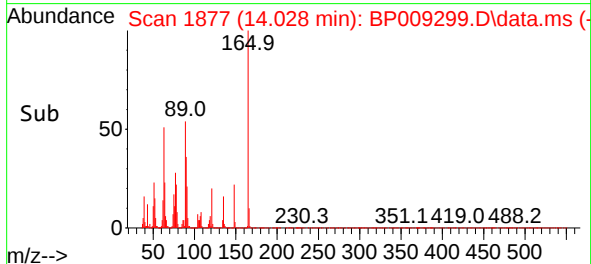
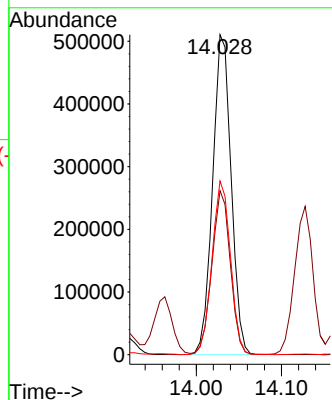
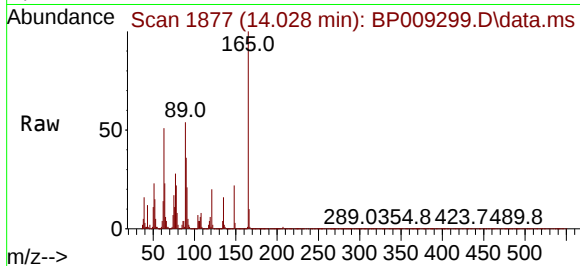




#51  
2,6-Dinitrotoluene  
Concen: 44.644 ng  
RT: 14.028 min Scan# 1878  
Delta R.T. -0.006 min  
Lab File: BP009299.D  
Acq: 08 Mar 2022 11:52

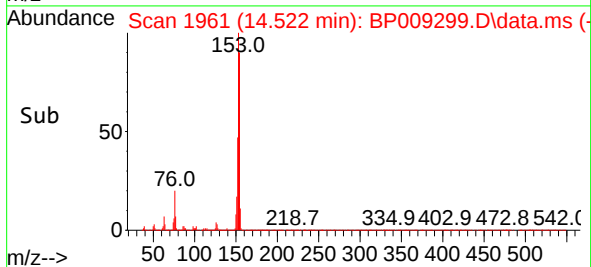
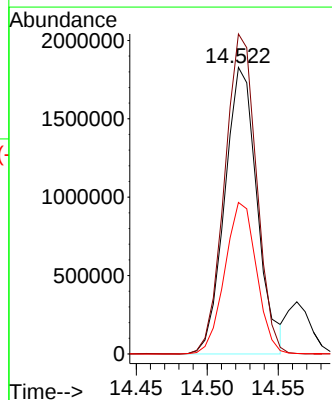
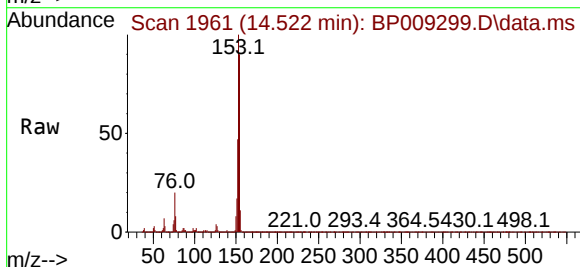
Instrument :  
BNA\_P  
ClientSampleId :  
PB143133BS

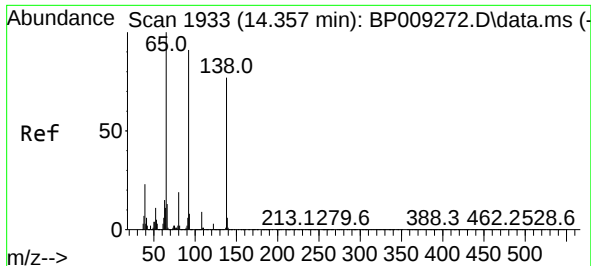
Tgt Ion:165 Resp: 769669  
Ion Ratio Lower Upper  
165 100  
63 51.2 40.9 61.3  
89 54.3 43.4 65.2



#52  
Acenaphthene  
Concen: 40.085 ng  
RT: 14.522 min Scan# 1961  
Delta R.T. -0.006 min  
Lab File: BP009299.D  
Acq: 08 Mar 2022 11:52

Tgt Ion:154 Resp: 2905581  
Ion Ratio Lower Upper  
154 100  
153 111.7 90.2 135.4  
152 52.9 42.7 64.1

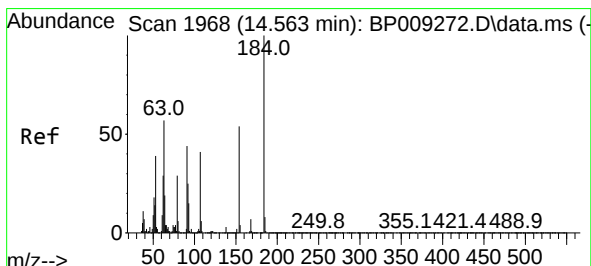
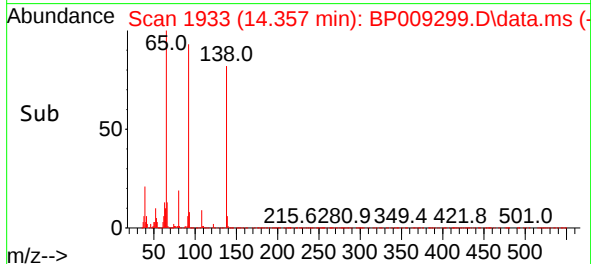
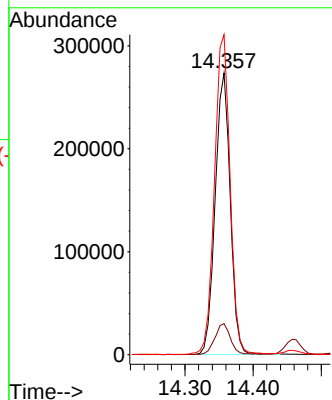
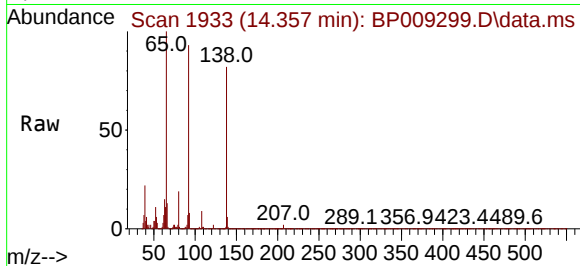




#53  
3-Nitroaniline  
Concen: 23.001 ng  
RT: 14.357 min Scan# 1933  
Delta R.T. 0.000 min  
Lab File: BP009299.D  
Acq: 08 Mar 2022 11:52

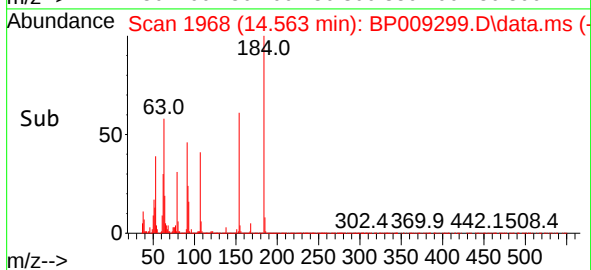
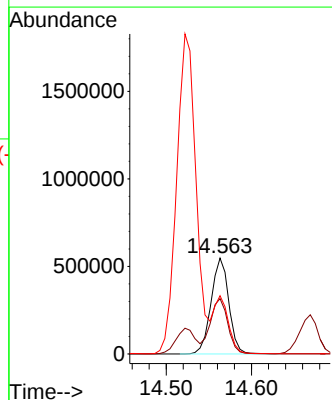
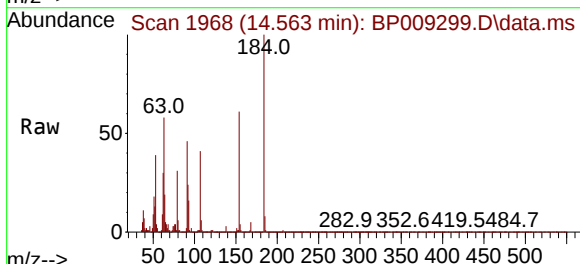
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BNA\_P  
ClientSampleId :  
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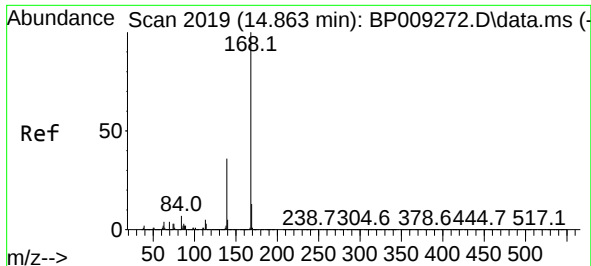
Tgt Ion:138 Resp: 421220  
Ion Ratio Lower Upper  
138 100  
108 11.0 9.7 14.5  
92 113.6 94.4 141.6



#54  
2,4-Dinitrophenol  
Concen: 106.964 ng  
RT: 14.563 min Scan# 1968  
Delta R.T. 0.000 min  
Lab File: BP009299.D  
Acq: 08 Mar 2022 11:52

Tgt Ion:184 Resp: 789598  
Ion Ratio Lower Upper  
184 100  
63 57.7 46.3 69.5  
154 60.8 45.8 68.6

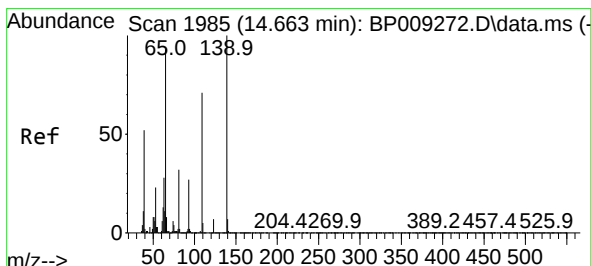
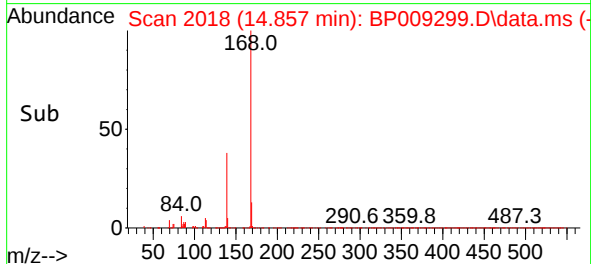
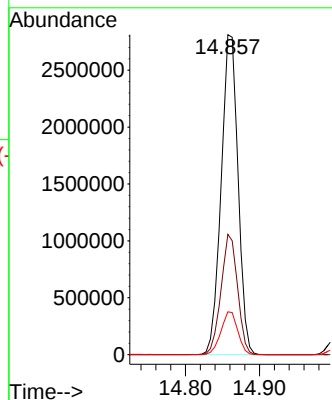
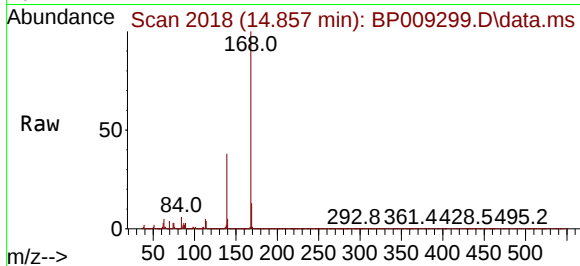




#55  
Dibenzofuran  
Concen: 40.442 ng  
RT: 14.857 min Scan# 2019  
Delta R.T. -0.006 min  
Lab File: BP009299.D  
Acq: 08 Mar 2022 11:52

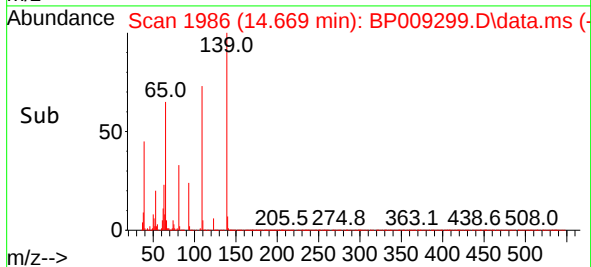
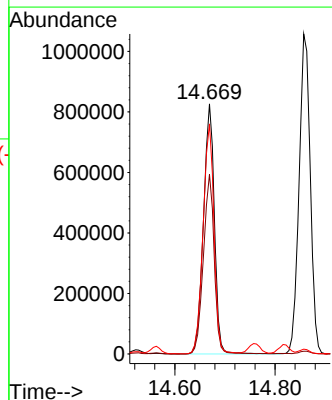
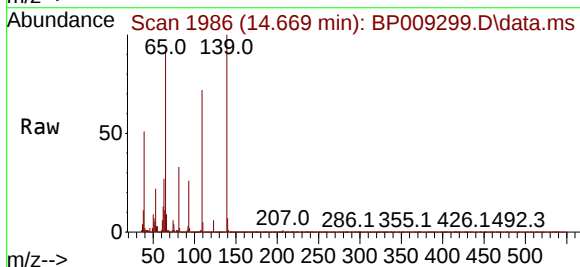
Instrument :  
BNA\_P  
ClientSampleId :  
PB143133BS

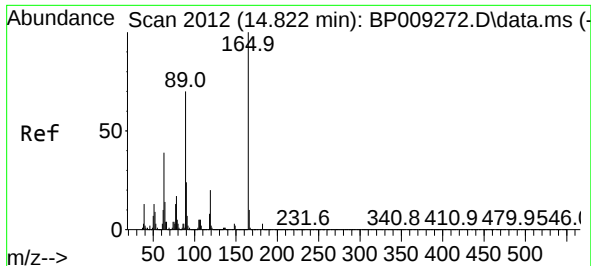
Tgt Ion:168 Resp: 4440554  
Ion Ratio Lower Upper  
168 100  
139 37.6 29.1 43.7  
169 13.4 10.6 16.0



#56  
4-Nitrophenol  
Concen: 82.234 ng  
RT: 14.669 min Scan# 1986  
Delta R.T. 0.006 min  
Lab File: BP009299.D  
Acq: 08 Mar 2022 11:52

Tgt Ion:139 Resp: 1252399  
Ion Ratio Lower Upper  
139 100  
109 71.9 51.2 91.2  
65 92.0 73.2 113.2

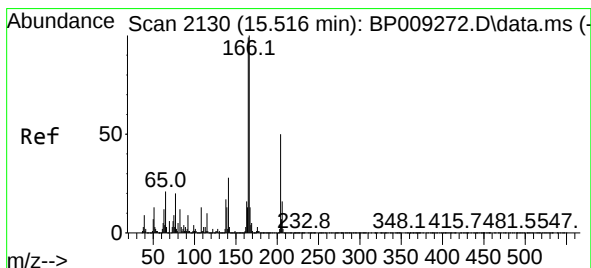
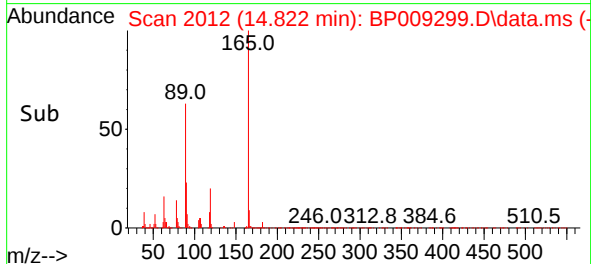
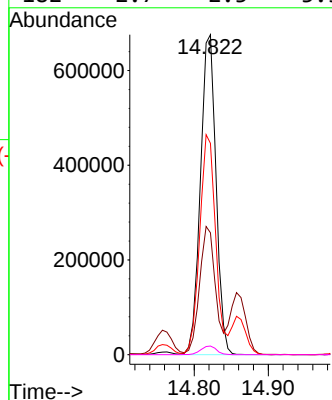
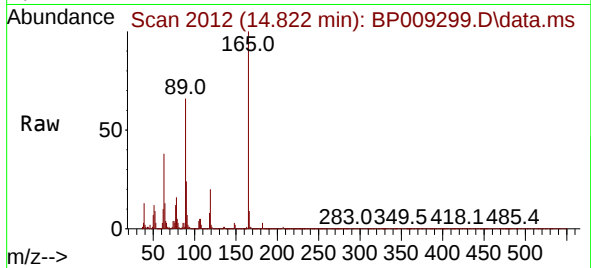




#57  
2,4-Dinitrotoluene  
Concen: 44.620 ng  
RT: 14.822 min Scan# 2012  
Delta R.T. 0.000 min  
Lab File: BP009299.D  
Acq: 08 Mar 2022 11:52

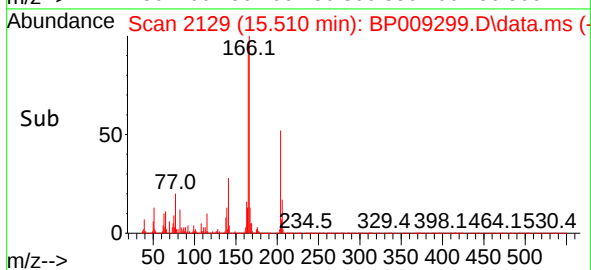
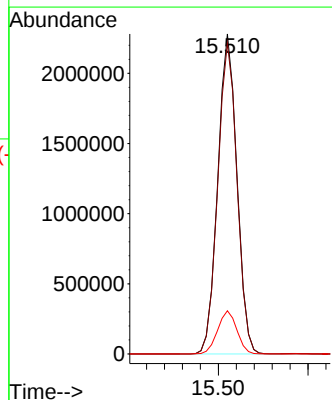
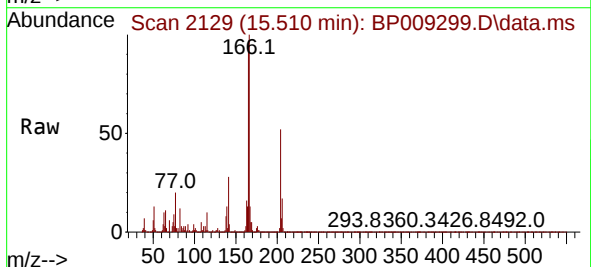
Instrument :  
BNA\_P  
ClientSampleId :  
PB143133BS

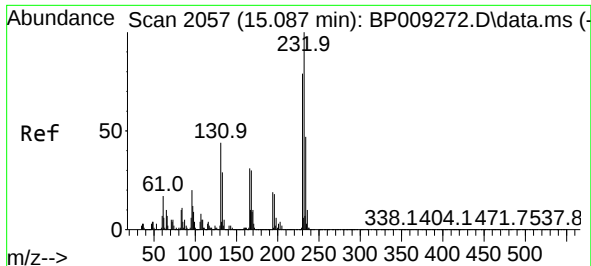
Tgt Ion:165 Resp: 984944  
Ion Ratio Lower Upper  
165 100  
63 38.1 31.4 47.2  
89 66.1 55.9 83.9  
182 2.7 2.3 3.5



#58  
Fluorene  
Concen: 39.275 ng  
RT: 15.510 min Scan# 2129  
Delta R.T. -0.006 min  
Lab File: BP009299.D  
Acq: 08 Mar 2022 11:52

Tgt Ion:166 Resp: 3377063  
Ion Ratio Lower Upper  
166 100  
165 97.2 79.2 118.8  
167 13.5 10.7 16.1

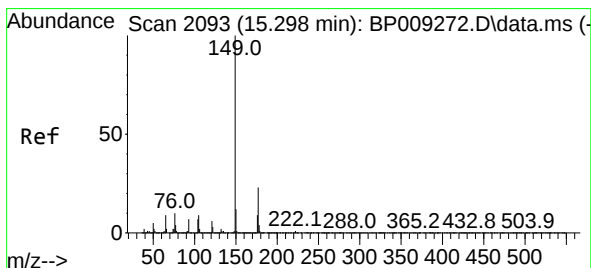
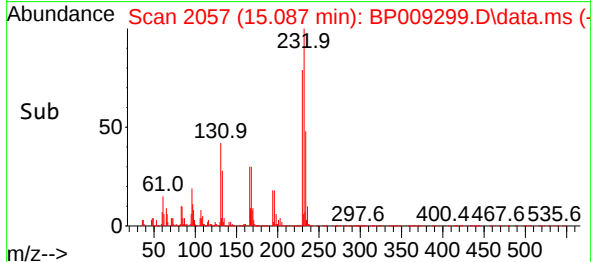
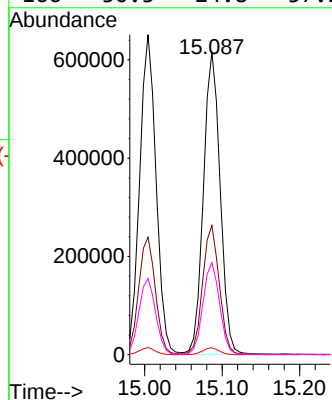
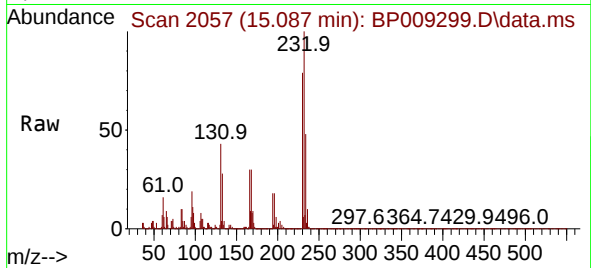




#59  
2,3,4,6-Tetrachlorophenol  
Concen: 41.660 ng  
RT: 15.087 min Scan# 2057  
Delta R.T. -0.000 min  
Lab File: BP009299.D  
Acq: 08 Mar 2022 11:52

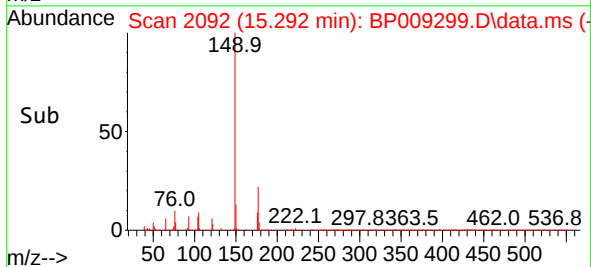
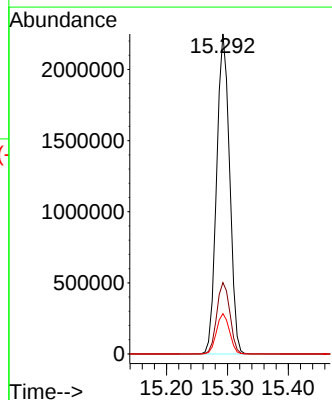
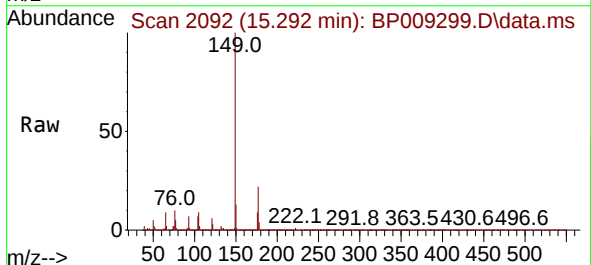
Instrument :  
BNA\_P  
ClientSampleId :  
PB143133BS

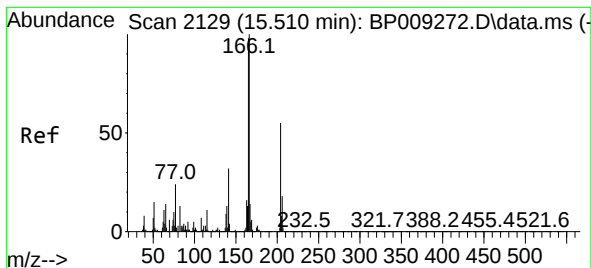
|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 232   | Resp: | 921497 |
| Ion      | Ratio | Lower | Upper  |
| 232      | 100   |       |        |
| 131      | 42.5  | 35.5  | 53.3   |
| 130      | 2.3   | 1.8   | 2.8    |
| 166      | 30.3  | 24.8  | 37.2   |



#60  
Diethylphthalate  
Concen: 39.048 ng  
RT: 15.292 min Scan# 2092  
Delta R.T. -0.006 min  
Lab File: BP009299.D  
Acq: 08 Mar 2022 11:52

|          |       |       |         |
|----------|-------|-------|---------|
| Tgt Ion: | 149   | Resp: | 3318956 |
| Ion      | Ratio | Lower | Upper   |
| 149      | 100   |       |         |
| 177      | 22.3  | 18.2  | 27.2    |
| 150      | 12.6  | 9.9   | 14.9    |

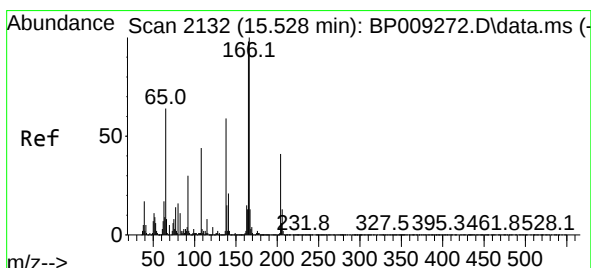
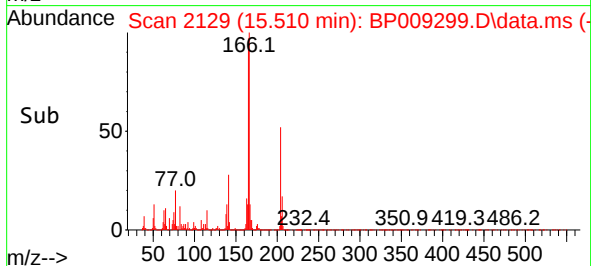
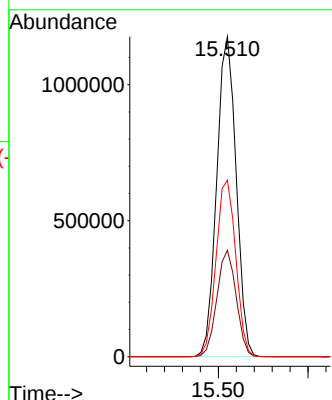
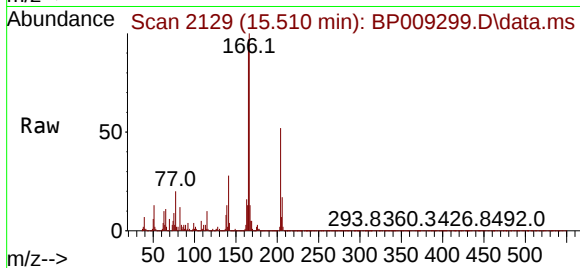




#61  
4-Chlorophenyl-phenylether  
Concen: 40.434 ng  
RT: 15.510 min Scan# 2129  
Delta R.T. 0.000 min  
Lab File: BP009299.D  
Acq: 08 Mar 2022 11:52

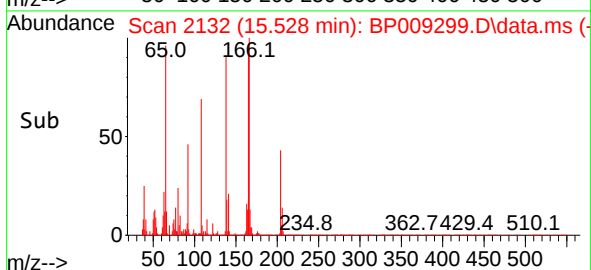
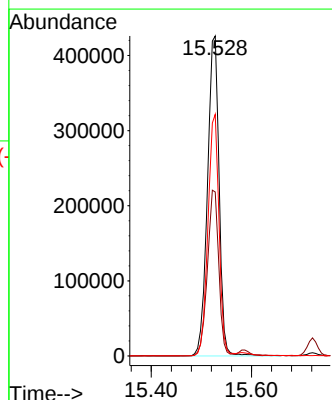
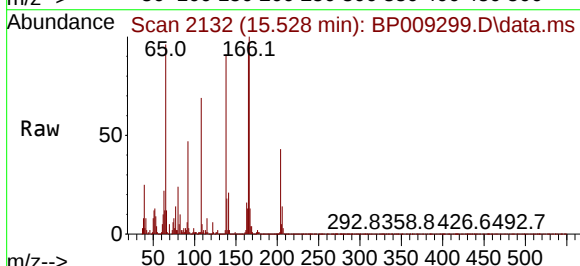
Instrument :  
BNA\_P  
ClientSampleId :  
PB143133BS

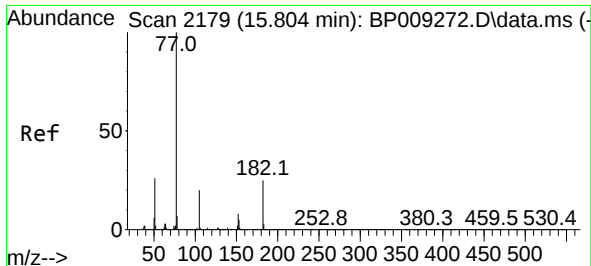
Tgt Ion:204 Resp: 1770960  
Ion Ratio Lower Upper  
204 100  
206 33.2 26.0 39.0  
141 55.2 45.9 68.9



#62  
4-Nitroaniline  
Concen: 38.783 ng  
RT: 15.528 min Scan# 2132  
Delta R.T. -0.000 min  
Lab File: BP009299.D  
Acq: 08 Mar 2022 11:52

Tgt Ion:138 Resp: 688716  
Ion Ratio Lower Upper  
138 100  
92 51.2 31.2 71.2  
108 75.5 54.3 94.3

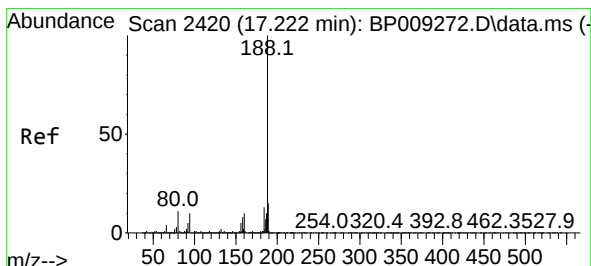
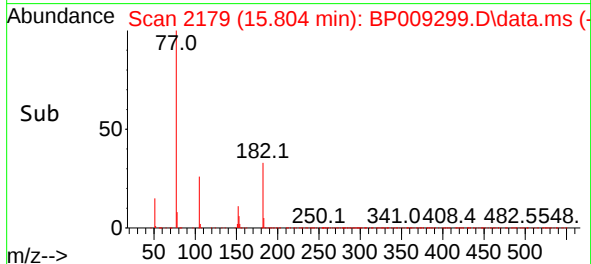
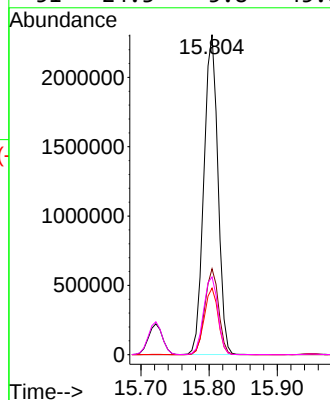
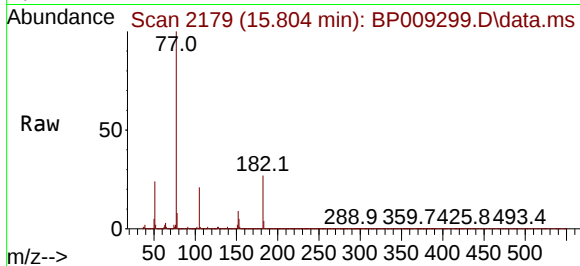




#63  
Azobenzene  
Concen: 39.557 ng  
RT: 15.804 min Scan# 2179  
Delta R.T. 0.000 min  
Lab File: BP009299.D  
Acq: 08 Mar 2022 11:52

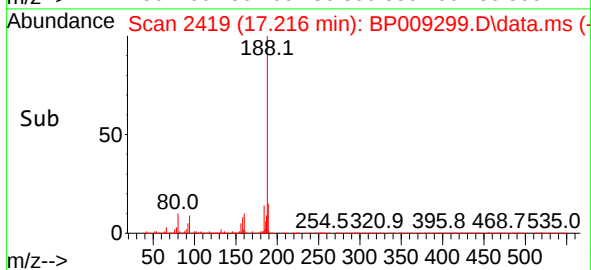
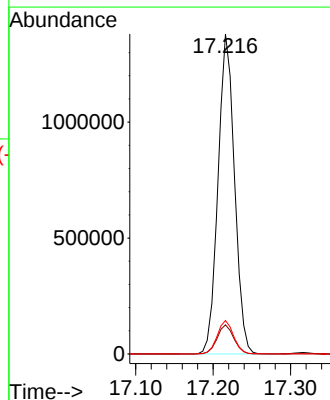
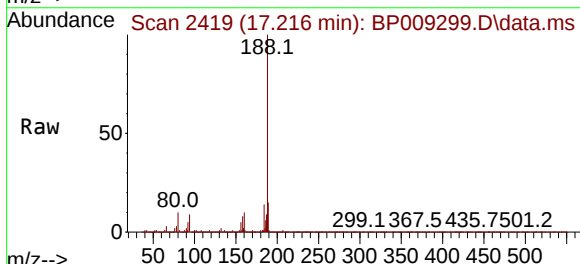
Instrument :  
BNA\_P  
ClientSampleId :  
PB143133BS

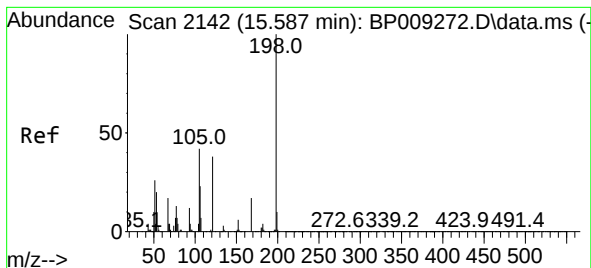
Tgt Ion: 77 Resp: 3303188  
Ion Ratio Lower Upper  
77 100  
182 26.8 5.4 45.4  
105 20.8 0.3 40.3  
51 24.3 5.8 45.8



#64  
Phenanthrene-d10  
Concen: 20.000 ng  
RT: 17.216 min Scan# 2419  
Delta R.T. -0.006 min  
Lab File: BP009299.D  
Acq: 08 Mar 2022 11:52

Tgt Ion: 188 Resp: 2038935  
Ion Ratio Lower Upper  
188 100  
94 9.1 7.9 11.9  
80 10.4 8.8 13.2

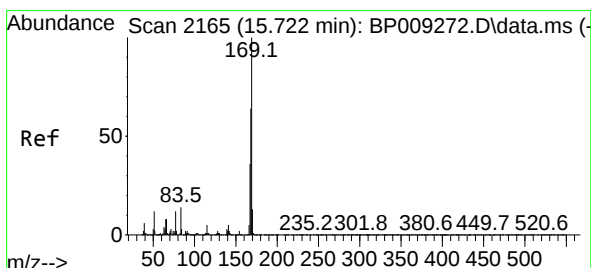
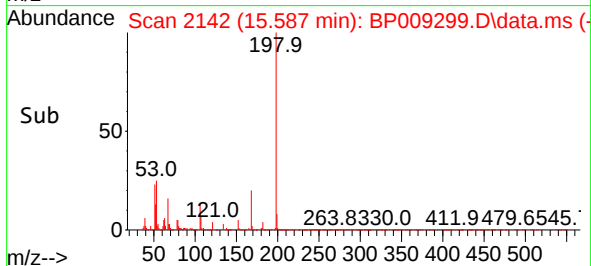
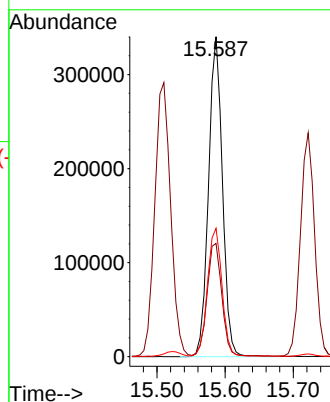
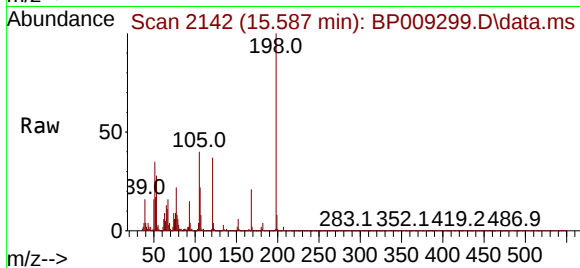




#65  
4,6-Dinitro-2-methylphenol  
Concen: 53.861 ng  
RT: 15.587 min Scan# 2142  
Delta R.T. 0.000 min  
Lab File: BP009299.D  
Acq: 08 Mar 2022 11:52

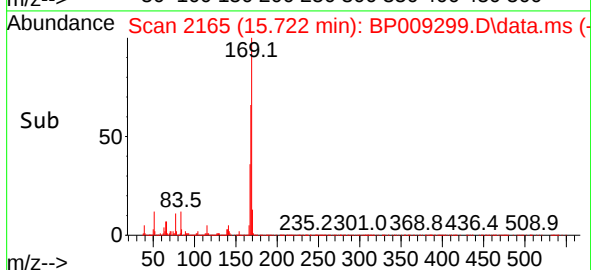
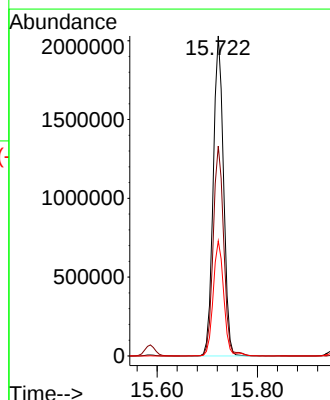
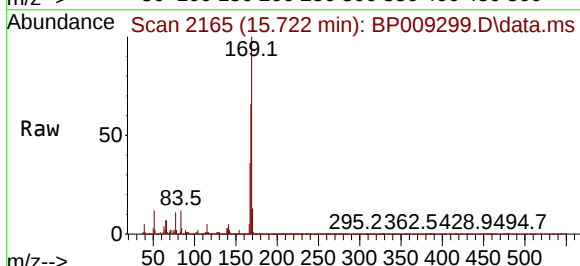
Instrument :  
BNA\_P  
ClientSampleId :  
PB143133BS

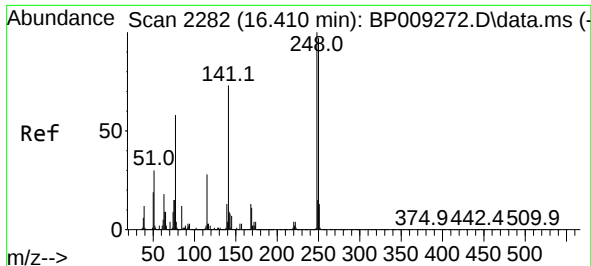
Tgt Ion:198 Resp: 483048  
Ion Ratio Lower Upper  
198 100  
51 35.4 17.7 57.7  
105 40.1 23.2 63.2



#66  
n-Nitrosodiphenylamine  
Concen: 45.084 ng  
RT: 15.722 min Scan# 2165  
Delta R.T. 0.000 min  
Lab File: BP009299.D  
Acq: 08 Mar 2022 11:52

Tgt Ion:169 Resp: 2885528  
Ion Ratio Lower Upper  
169 100  
168 65.6 51.6 77.4  
167 35.9 29.0 43.4

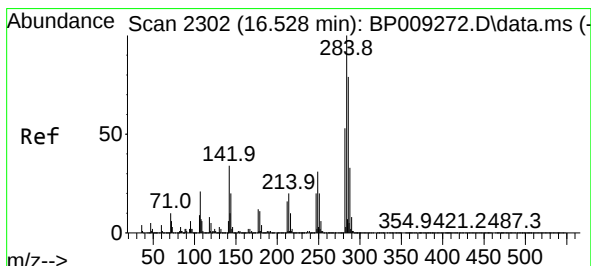
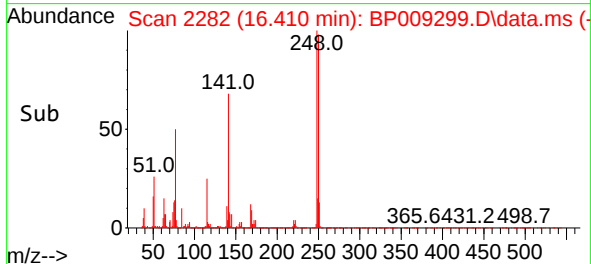
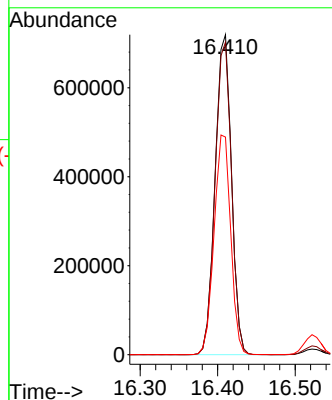
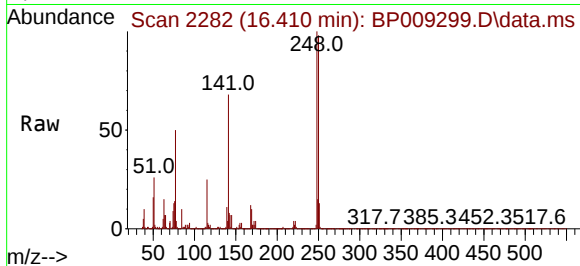




#67  
4-Bromophenyl-phenylether  
Concen: 47.871 ng  
RT: 16.410 min Scan# 210  
Delta R.T. 0.000 min  
Lab File: BP009299.D  
Acq: 08 Mar 2022 11:52

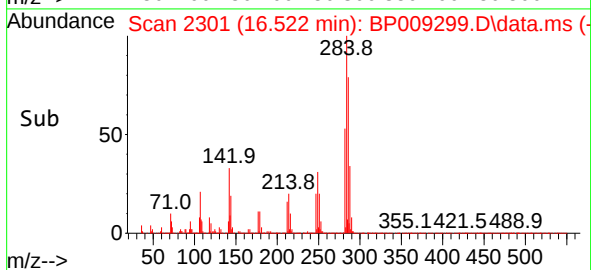
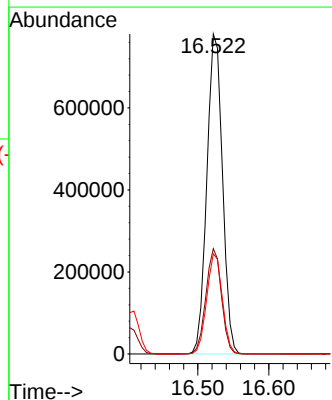
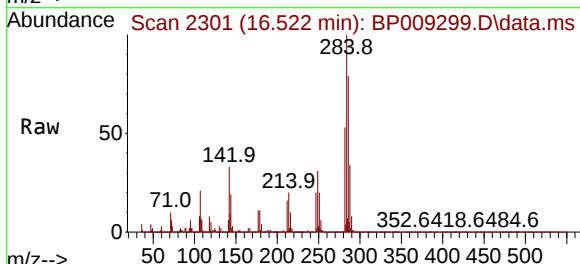
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BNA\_P  
ClientSampleId :  
PB143133BS

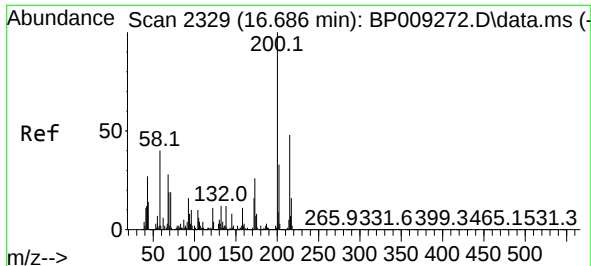
Tgt Ion:248 Resp: 1053053  
Ion Ratio Lower Upper  
248 100  
250 97.6 77.7 116.5  
141 68.0 58.3 87.5



#68  
Hexachlorobenzene  
Concen: 46.287 ng  
RT: 16.522 min Scan# 2301  
Delta R.T. -0.006 min  
Lab File: BP009299.D  
Acq: 08 Mar 2022 11:52

Tgt Ion:284 Resp: 1194274  
Ion Ratio Lower Upper  
284 100  
142 32.9 26.8 40.2  
249 31.3 24.6 37.0

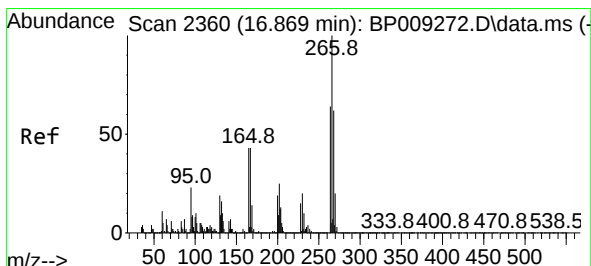
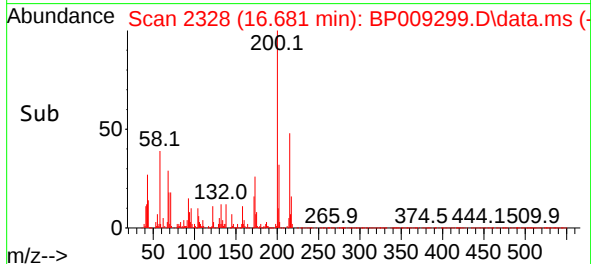
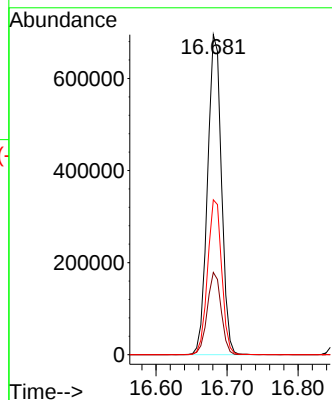
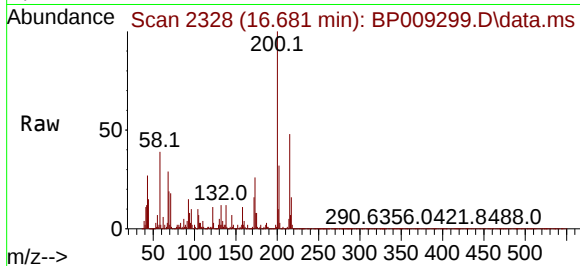




#69  
Atrazine  
Concen: 42.031 ng  
RT: 16.681 min Scan# 21  
Delta R.T. -0.006 min  
Lab File: BP009299.D  
Acq: 08 Mar 2022 11:52

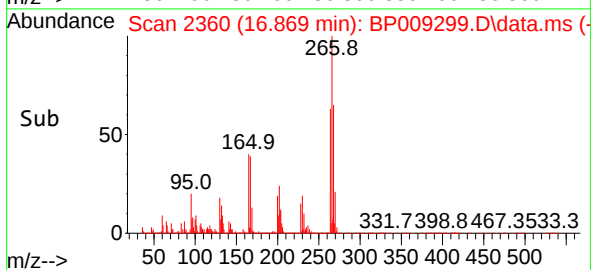
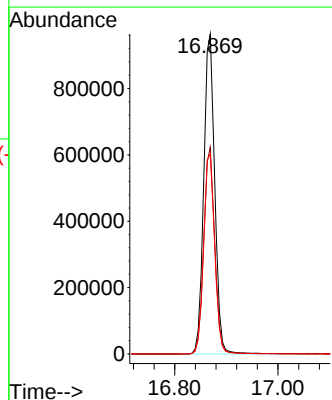
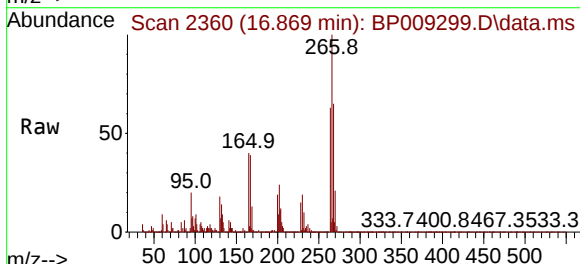
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BNA\_P  
ClientSampleId :  
PB143133BS

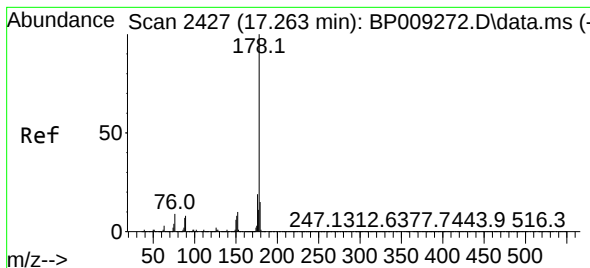
Tgt Ion:200 Resp: 946972  
Ion Ratio Lower Upper  
200 100  
173 25.7 6.2 46.2  
215 48.4 28.5 68.5



#70  
Pentachlorophenol  
Concen: 91.506 ng  
RT: 16.869 min Scan# 2360  
Delta R.T. 0.000 min  
Lab File: BP009299.D  
Acq: 08 Mar 2022 11:52

Tgt Ion:266 Resp: 1421033  
Ion Ratio Lower Upper  
266 100  
268 64.6 49.8 74.8  
264 62.6 50.9 76.3





#71

Phenanthrene

Concen: 41.340 ng

RT: 17.263 min Scan# 2427

Delta R.T. 0.000 min

Lab File: BP009299.D

Acq: 08 Mar 2022 11:52

Instrument :

BNA\_P

ClientSampleId :

PB143133BS

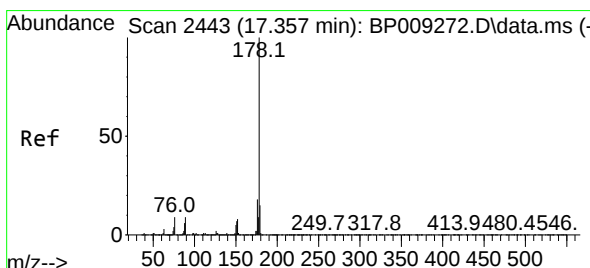
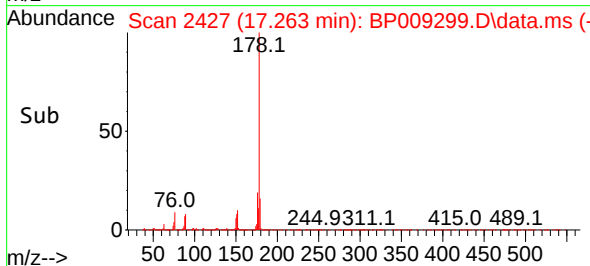
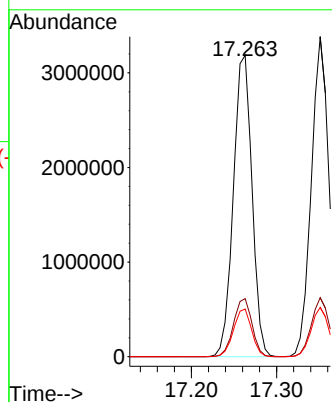
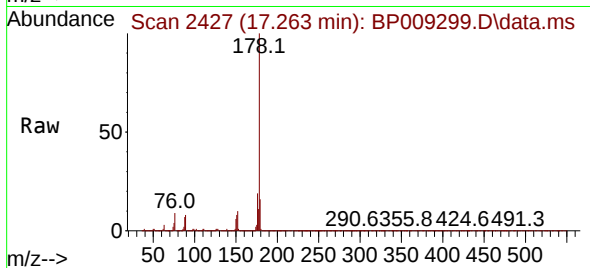
Tgt Ion:178 Resp: 4844152

Ion Ratio Lower Upper

178 100

176 19.3 15.4 23.2

179 15.8 12.3 18.5



#72

Anthracene

Concen: 41.971 ng

RT: 17.351 min Scan# 2442

Delta R.T. -0.006 min

Lab File: BP009299.D

Acq: 08 Mar 2022 11:52

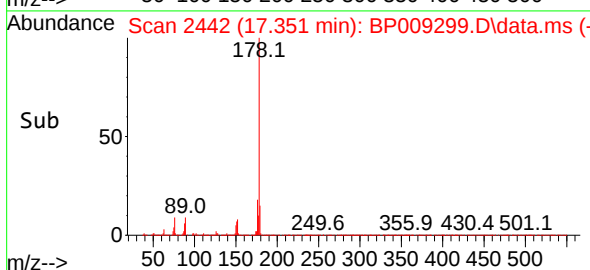
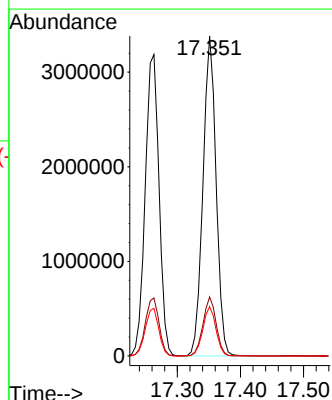
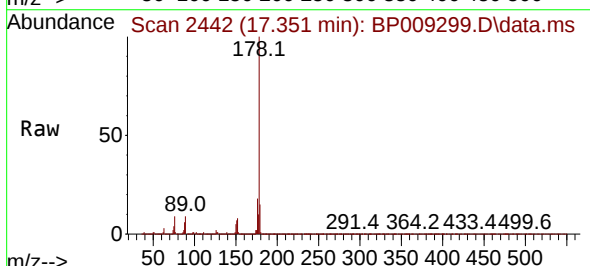
Tgt Ion:178 Resp: 4895313

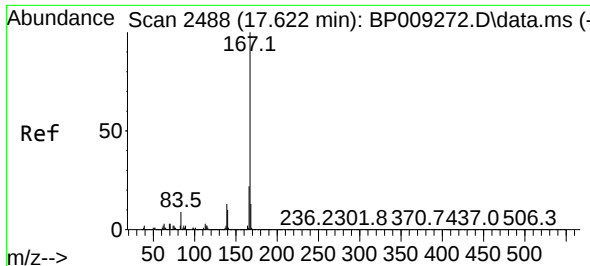
Ion Ratio Lower Upper

178 100

176 18.5 14.8 22.2

179 15.4 12.2 18.4

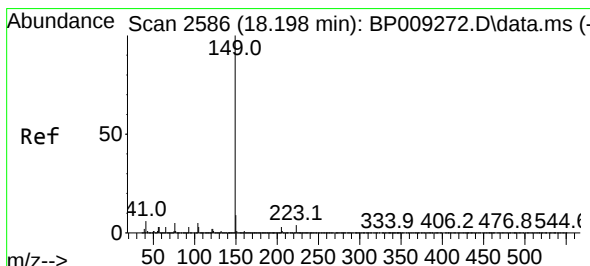
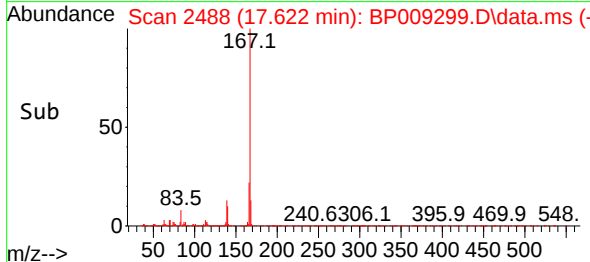
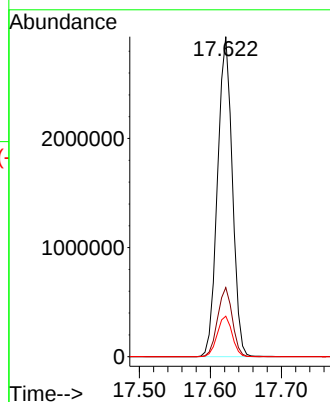
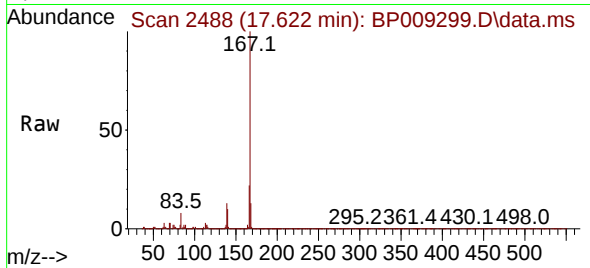




#73  
 Carbazole  
 Concen: 39.711 ng  
 RT: 17.622 min Scan# 2488  
 Delta R.T. 0.000 min  
 Lab File: BP009299.D  
 Acq: 08 Mar 2022 11:52

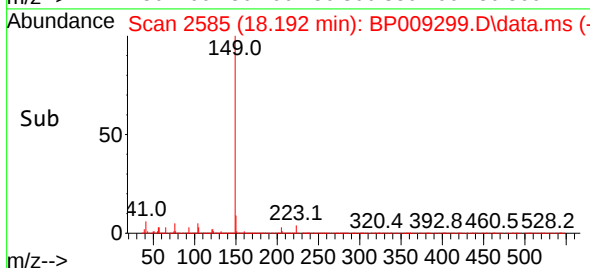
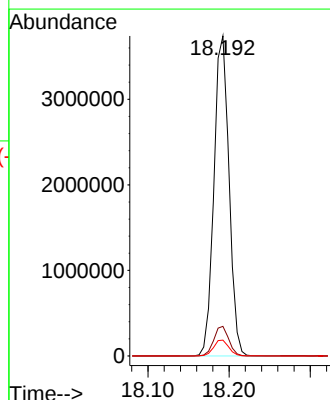
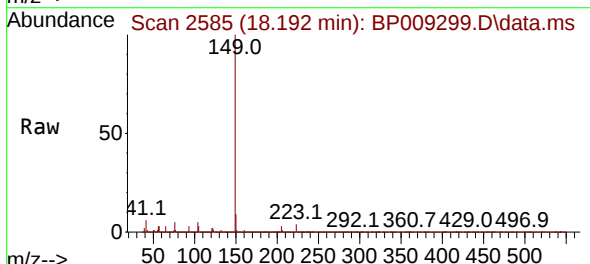
Instrument :  
 BNA\_P  
 ClientSampleId :  
 PB143133BS

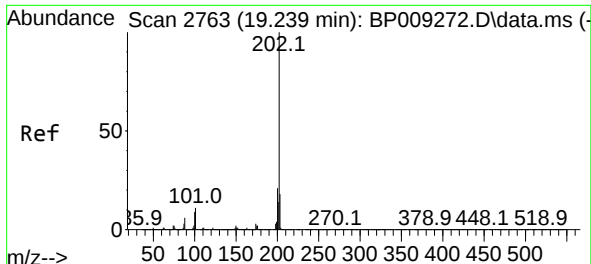
Tgt Ion:167 Resp: 4220293  
 Ion Ratio Lower Upper  
 167 100  
 166 21.6 17.2 25.8  
 139 12.7 10.3 15.5



#74  
 Di-n-butylphthalate  
 Concen: 40.957 ng  
 RT: 18.192 min Scan# 2585  
 Delta R.T. -0.006 min  
 Lab File: BP009299.D  
 Acq: 08 Mar 2022 11:52

Tgt Ion:149 Resp: 4817603  
 Ion Ratio Lower Upper  
 149 100  
 150 9.3 7.3 10.9  
 104 4.9 4.2 6.2

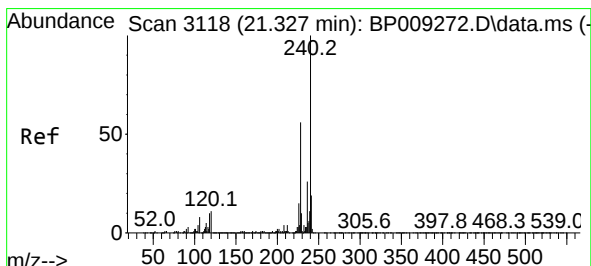
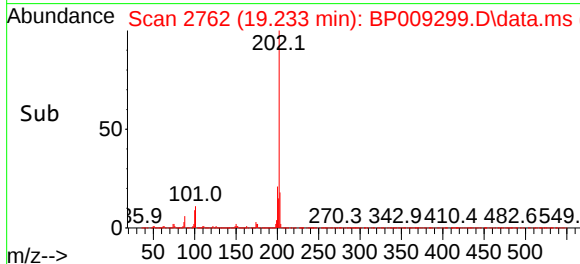
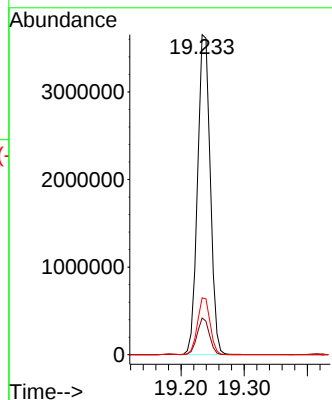
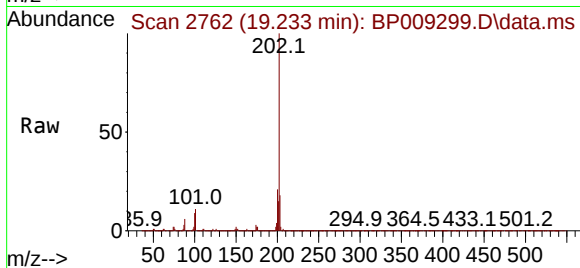




#75  
Fluoranthene  
Concen: 37.572 ng  
RT: 19.233 min Scan# 21  
Delta R.T. -0.006 min  
Lab File: BP009299.D  
Acq: 08 Mar 2022 11:52

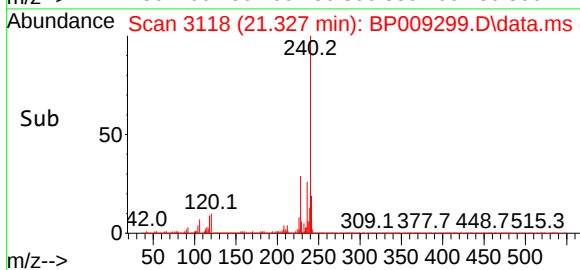
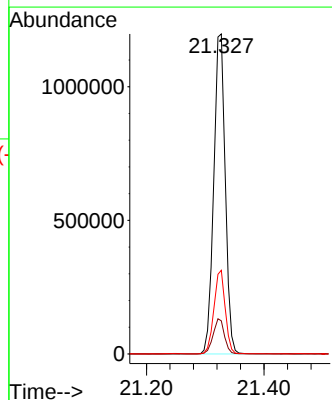
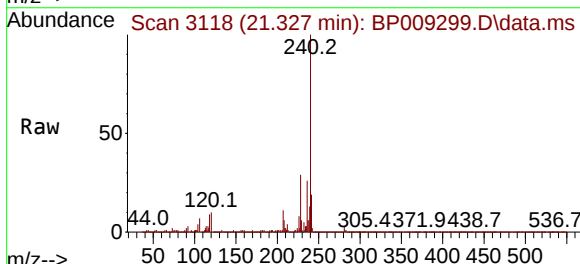
Instrument :  
BNA\_P  
ClientSampleId :  
PB143133BS

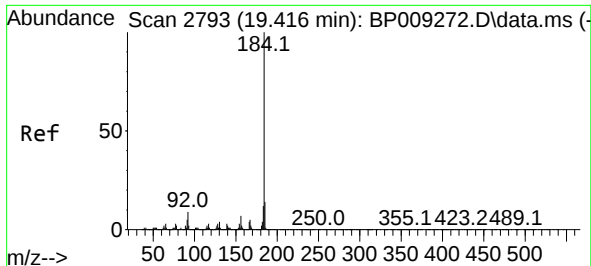
Tgt Ion:202 Resp: 5081637  
Ion Ratio Lower Upper  
202 100  
101 11.4 0.0 31.5  
203 17.8 0.0 37.8



#76  
Chrysene-d12  
Concen: 20.000 ng  
RT: 21.327 min Scan# 3118  
Delta R.T. 0.000 min  
Lab File: BP009299.D  
Acq: 08 Mar 2022 11:52

Tgt Ion:240 Resp: 1629568  
Ion Ratio Lower Upper  
240 100  
120 10.3 9.0 13.4  
236 26.1 20.6 30.8

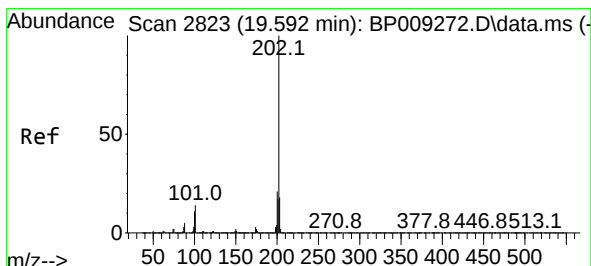
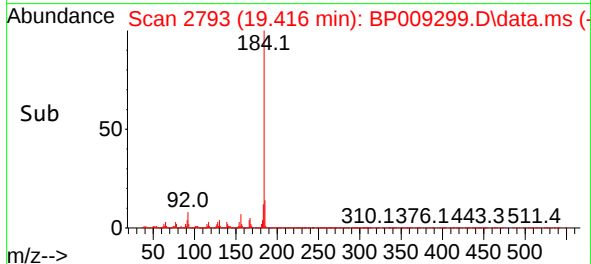
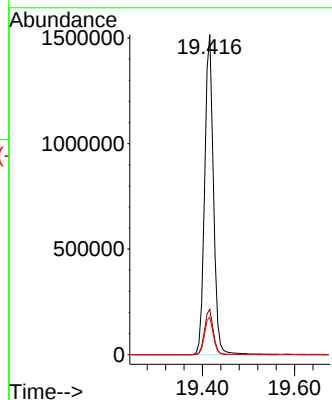
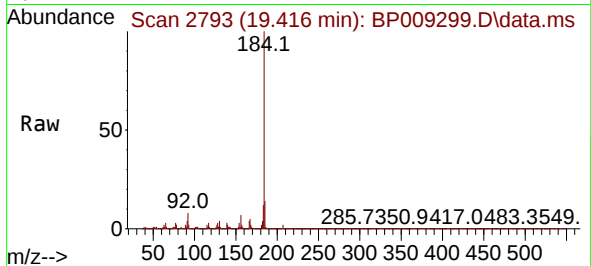




#77  
Benzidine  
Concen: 35.569 ng  
RT: 19.416 min Scan# 21  
Delta R.T. -0.000 min  
Lab File: BP009299.D  
Acq: 08 Mar 2022 11:52

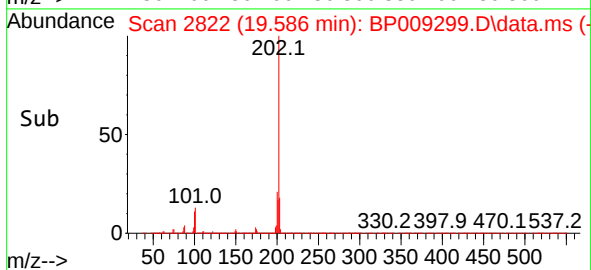
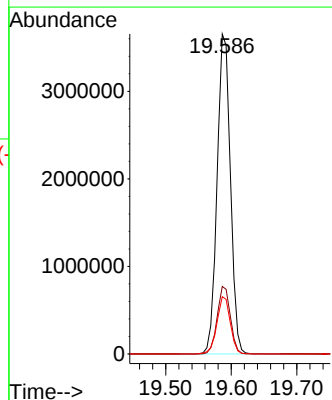
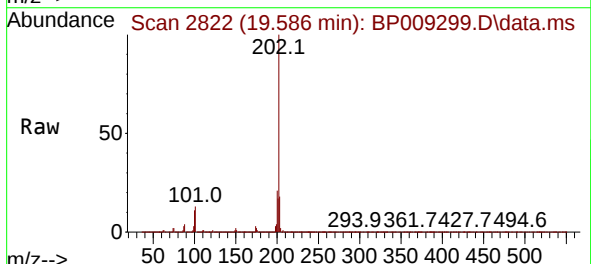
Instrument :  
BNA\_P  
ClientSampleId :  
PB143133BS

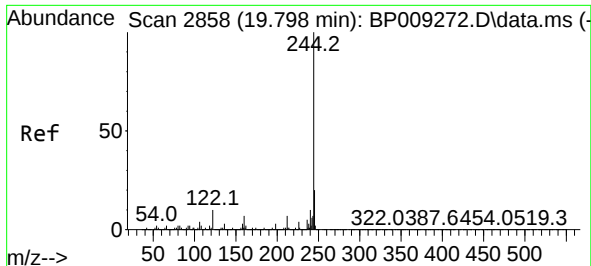
Tgt Ion:184 Resp: 2023079  
Ion Ratio Lower Upper  
184 100  
185 14.2 11.5 17.3  
183 11.8 9.4 14.0



#78  
Pyrene  
Concen: 46.526 ng  
RT: 19.586 min Scan# 2822  
Delta R.T. -0.006 min  
Lab File: BP009299.D  
Acq: 08 Mar 2022 11:52

Tgt Ion:202 Resp: 5118968  
Ion Ratio Lower Upper  
202 100  
200 21.1 16.8 25.2  
203 17.9 14.2 21.4

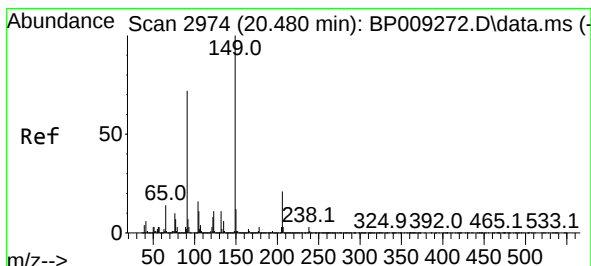
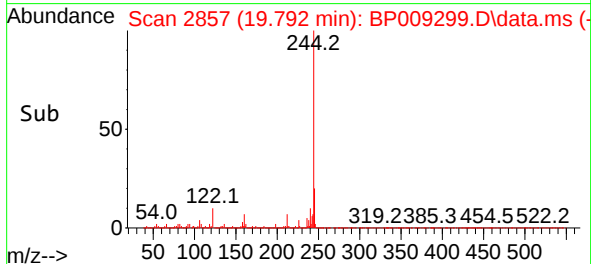
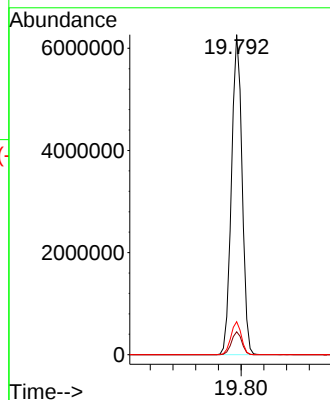
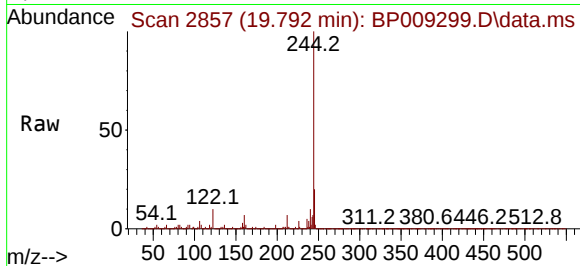




#79  
 Terphenyl-d14  
 Concen: 93.943 ng  
 RT: 19.792 min Scan# 21  
 Delta R.T. -0.006 min  
 Lab File: BP009299.D  
 Acq: 08 Mar 2022 11:52

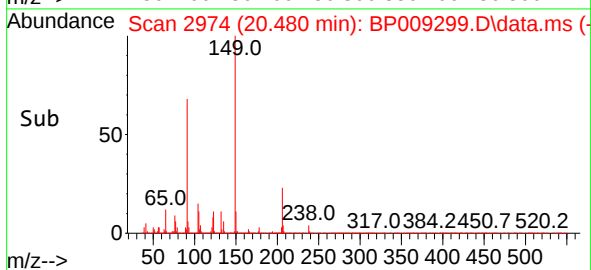
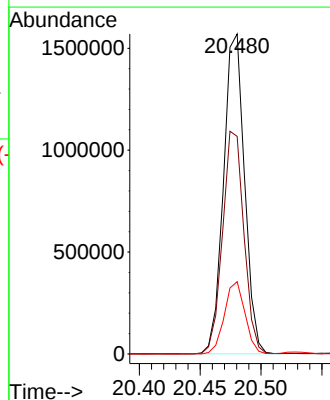
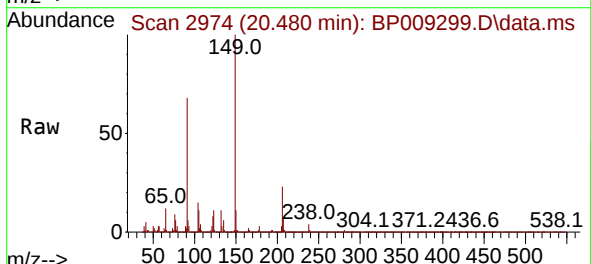
Instrument :  
 BNA\_P  
 ClientSampleId :  
 PB143133BS

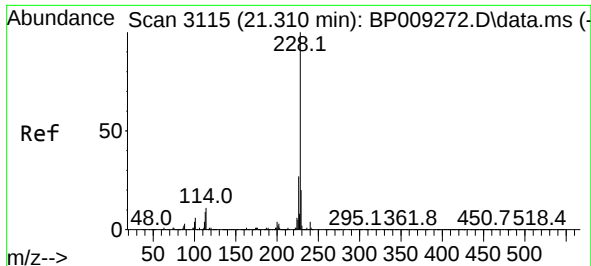
Tgt Ion:244 Resp: 8112136  
 Ion Ratio Lower Upper  
 244 100  
 212 7.2 5.8 8.6  
 122 10.3 8.3 12.5



#80  
 Butylbenzylphthalate  
 Concen: 47.476 ng  
 RT: 20.480 min Scan# 2974  
 Delta R.T. -0.000 min  
 Lab File: BP009299.D  
 Acq: 08 Mar 2022 11:52

Tgt Ion:149 Resp: 1885397  
 Ion Ratio Lower Upper  
 149 100  
 91 68.0 57.9 86.9  
 206 22.6 16.9 25.3

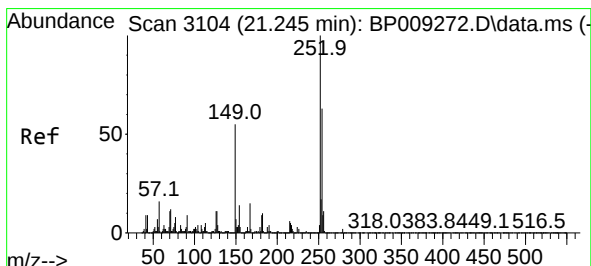
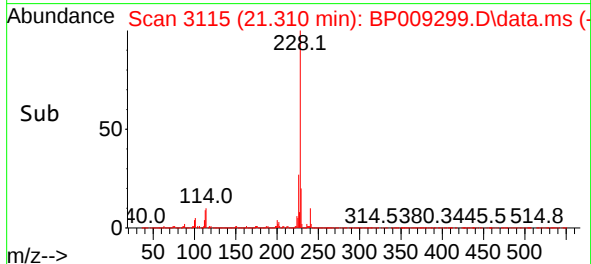
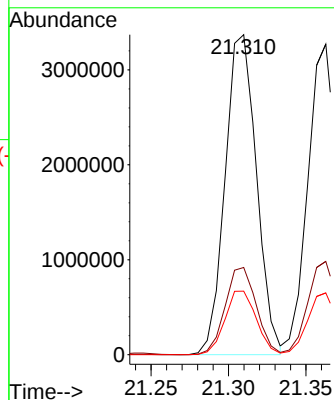
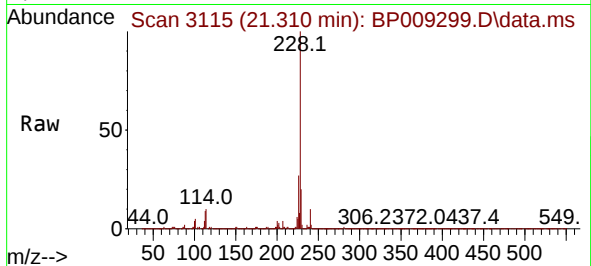




#81  
Benzo(a)anthracene  
Concen: 43.047 ng  
RT: 21.310 min Scan# 3115  
Delta R.T. -0.000 min  
Lab File: BP009299.D  
Acq: 08 Mar 2022 11:52

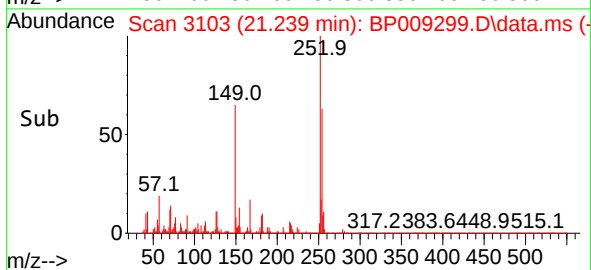
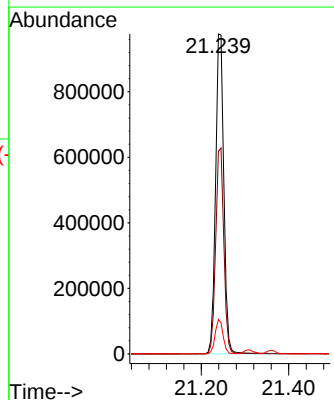
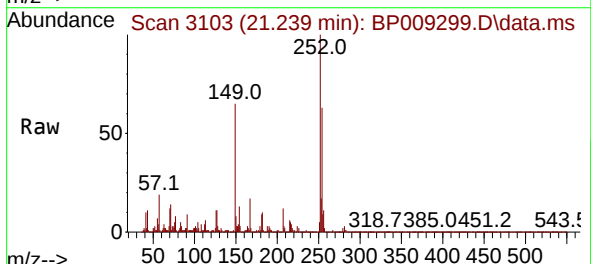
Instrument :  
BNA\_P  
ClientSampleId :  
PB143133BS

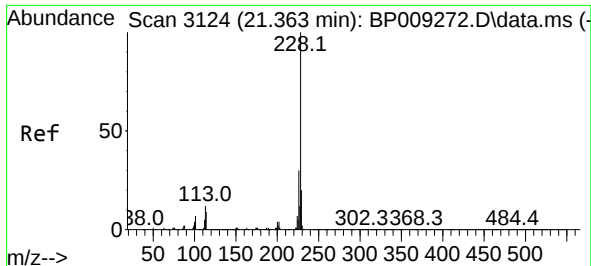
Tgt Ion:228 Resp: 4754622  
Ion Ratio Lower Upper  
228 100  
226 27.3 22.0 33.0  
229 19.9 16.1 24.1



#82  
3,3'-Dichlorobenzidine  
Concen: 31.475 ng  
RT: 21.239 min Scan# 3103  
Delta R.T. -0.006 min  
Lab File: BP009299.D  
Acq: 08 Mar 2022 11:52

Tgt Ion:252 Resp: 1276125  
Ion Ratio Lower Upper  
252 100  
254 63.4 50.7 76.1  
126 10.8 8.9 13.3

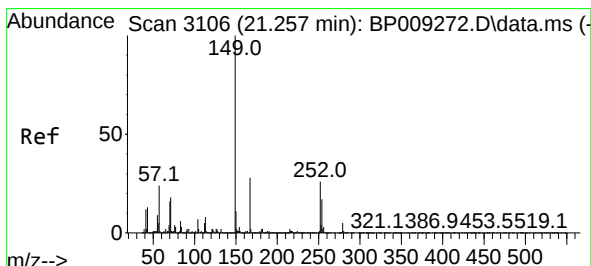
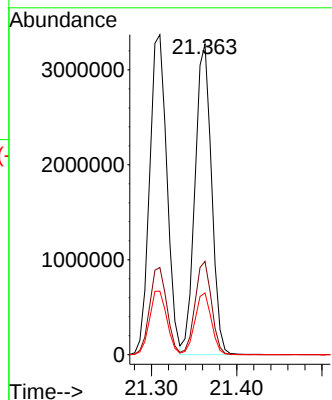
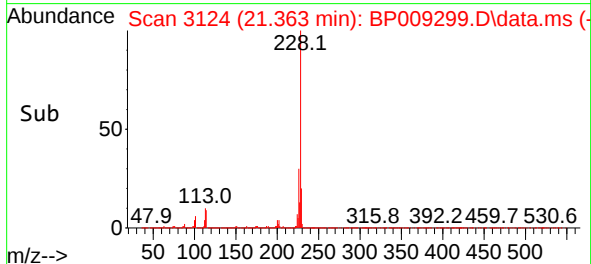
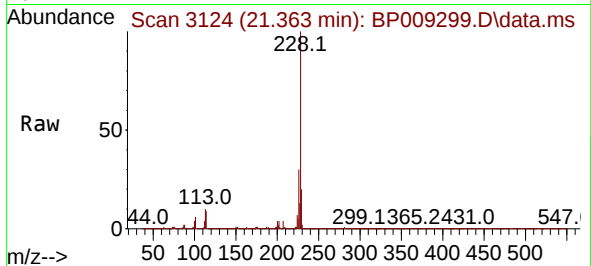




#83  
Chrysene  
Concen: 41.023 ng  
RT: 21.363 min Scan# 3124  
Delta R.T. 0.000 min  
Lab File: BP009299.D  
Acq: 08 Mar 2022 11:52

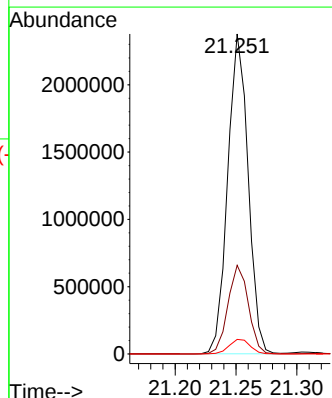
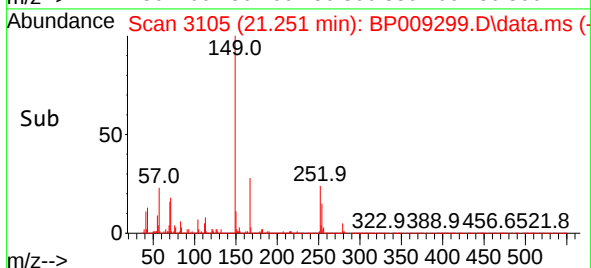
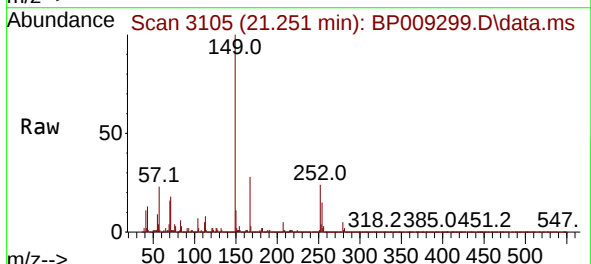
Instrument :  
BNA\_P  
ClientSampleId :  
PB143133BS

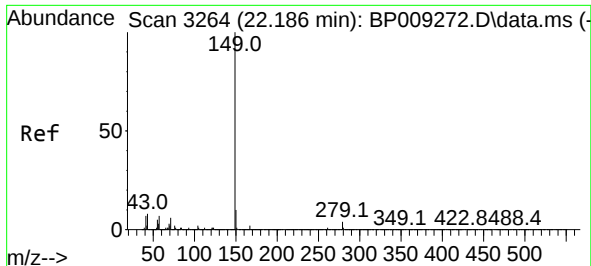
Tgt Ion:228 Resp: 4399256  
Ion Ratio Lower Upper  
228 100  
226 30.0 24.2 36.2  
229 19.9 16.1 24.1



#84  
Bis(2-ethylhexyl)phthalate  
Concen: 43.456 ng  
RT: 21.251 min Scan# 3105  
Delta R.T. -0.006 min  
Lab File: BP009299.D  
Acq: 08 Mar 2022 11:52

Tgt Ion:149 Resp: 2760081  
Ion Ratio Lower Upper  
149 100  
167 27.7 22.6 33.8  
279 4.6 3.8 5.6

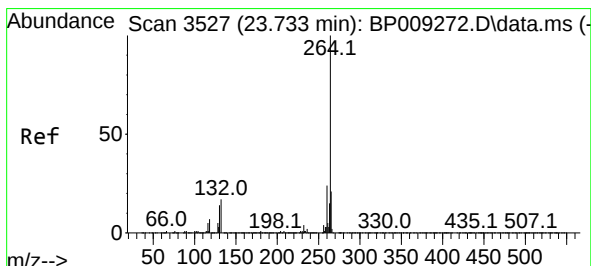
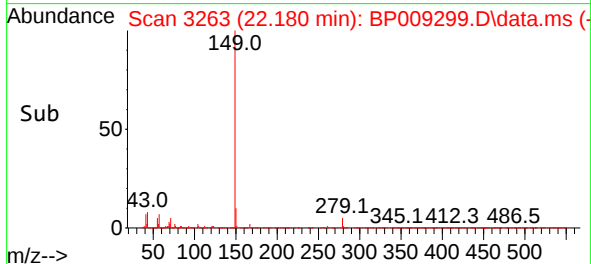
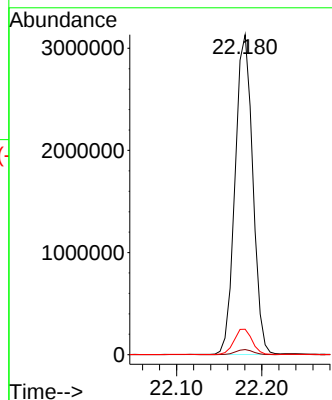
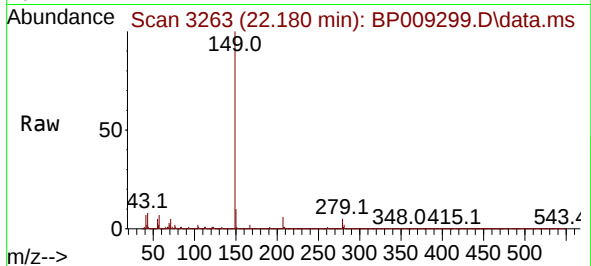




#85  
Di-n-octyl phthalate  
Concen: 43.325 ng  
RT: 22.180 min Scan# 31  
Delta R.T. -0.006 min  
Lab File: BP009299.D  
Acq: 08 Mar 2022 11:52

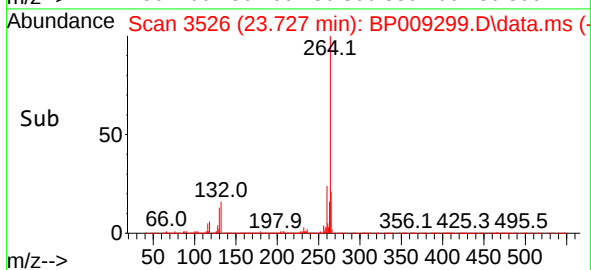
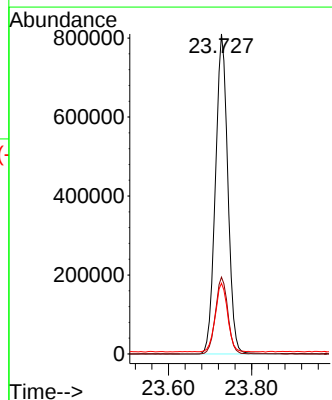
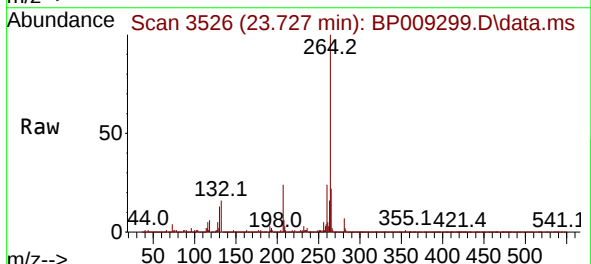
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BNA\_P  
ClientSampleId :  
PB143133BS

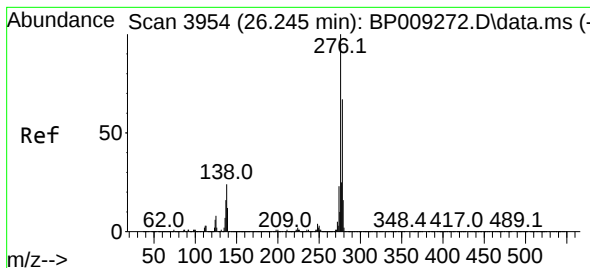
Tgt Ion:149 Resp: 4505278  
Ion Ratio Lower Upper  
149 100  
167 1.6 1.3 1.9  
43 8.1 6.9 10.3



#86  
Perylene-d12  
Concen: 20.000 ng  
RT: 23.727 min Scan# 3526  
Delta R.T. -0.006 min  
Lab File: BP009299.D  
Acq: 08 Mar 2022 11:52

Tgt Ion:264 Resp: 1671451  
Ion Ratio Lower Upper  
264 100  
260 24.0 19.4 29.0  
265 22.1 17.2 25.8





#87

Indeno(1,2,3-cd)pyrene

Concen: 43.112 ng

RT: 26.233 min Scan# 3952

Delta R.T. -0.012 min

Lab File: BP009299.D

Acq: 08 Mar 2022 11:52

Instrument :

BNA\_P

ClientSampleId :

PB143133BS

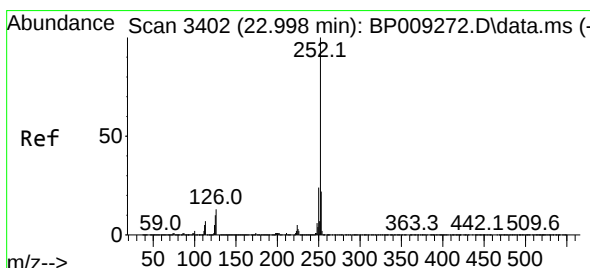
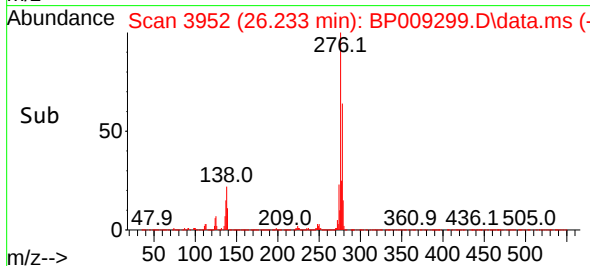
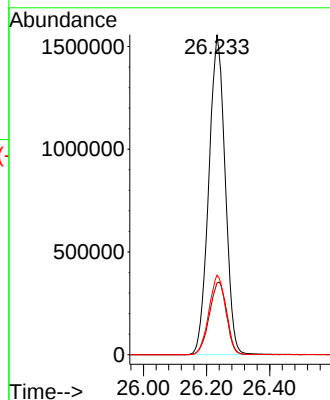
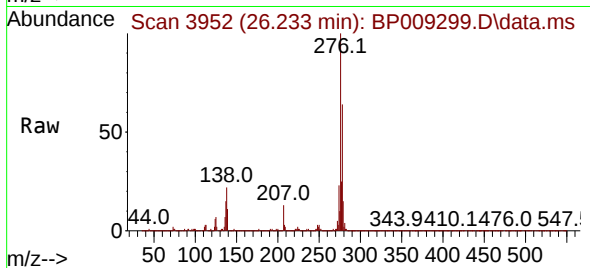
Tgt Ion:276 Resp: 5598662

Ion Ratio Lower Upper

276 100

138 24.1 20.5 30.7

277 25.4 20.4 30.6



#88

Benzo(b)fluoranthene

Concen: 42.447 ng

RT: 22.998 min Scan# 3402

Delta R.T. 0.000 min

Lab File: BP009299.D

Acq: 08 Mar 2022 11:52

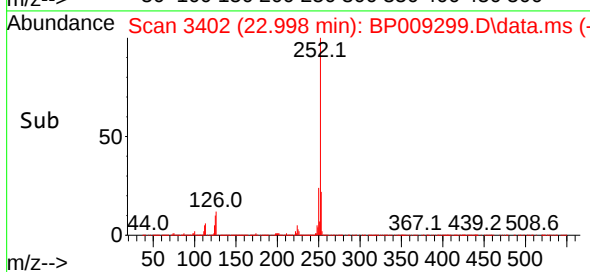
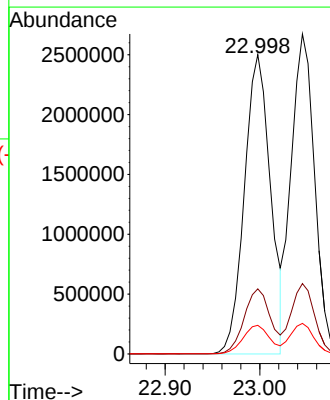
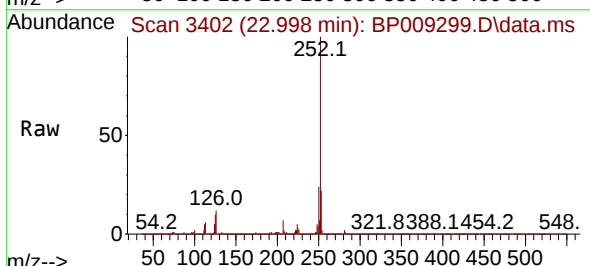
Tgt Ion:252 Resp: 4790259

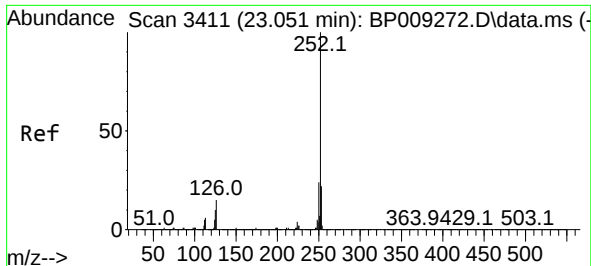
Ion Ratio Lower Upper

252 100

253 21.8 17.8 26.8

125 9.6 8.1 12.1

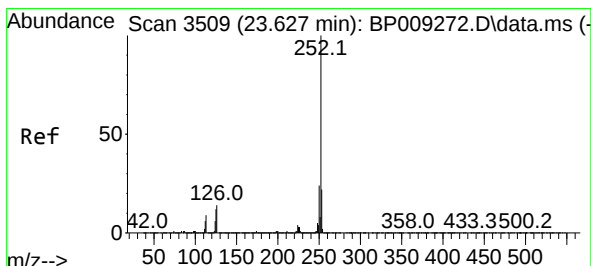
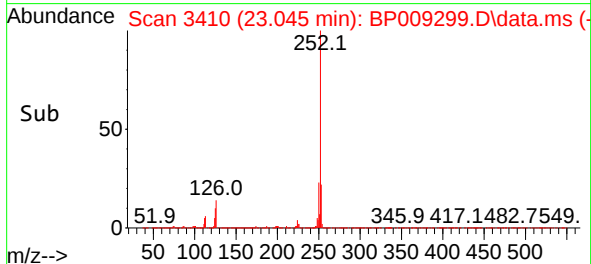
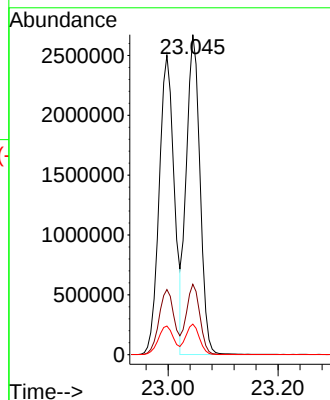
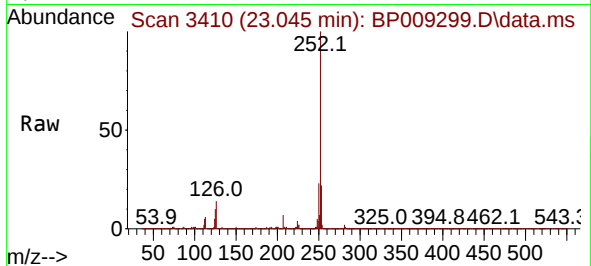




#89  
Benzo(k)fluoranthene  
Concen: 42.633 ng  
RT: 23.045 min Scan# 3411  
Delta R.T. -0.006 min  
Lab File: BP009299.D  
Acq: 08 Mar 2022 11:52

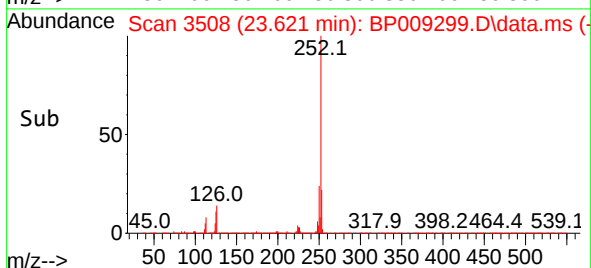
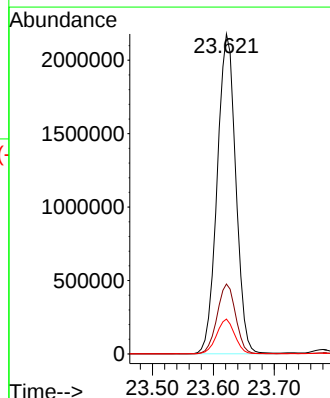
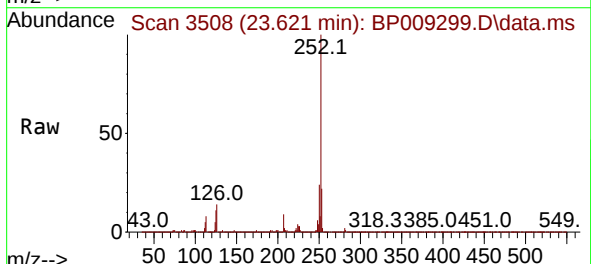
Instrument :  
BNA\_P  
ClientSampleId :  
PB143133BS

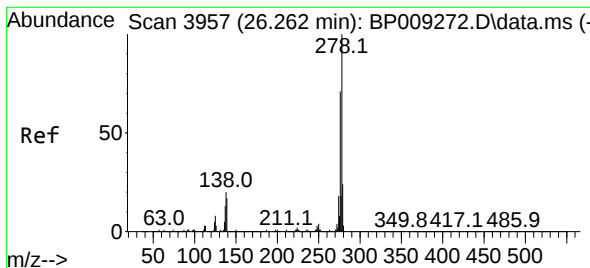
Tgt Ion:252 Resp: 4596511  
Ion Ratio Lower Upper  
252 100  
253 22.0 17.5 26.3  
125 9.6 8.3 12.5



#90  
Benzo(a)pyrene  
Concen: 43.153 ng  
RT: 23.621 min Scan# 3508  
Delta R.T. -0.006 min  
Lab File: BP009299.D  
Acq: 08 Mar 2022 11:52

Tgt Ion:252 Resp: 4618978  
Ion Ratio Lower Upper  
252 100  
253 21.8 17.8 26.6  
125 10.9 9.3 13.9





#91

Dibenzo(a,h)anthracene

Concen: 44.657 ng

RT: 26.251 min Scan# 3955

Delta R.T. -0.012 min

Lab File: BP009299.D

Acq: 08 Mar 2022 11:52

Instrument :

BNA\_P

ClientSampleId :

PB143133BS

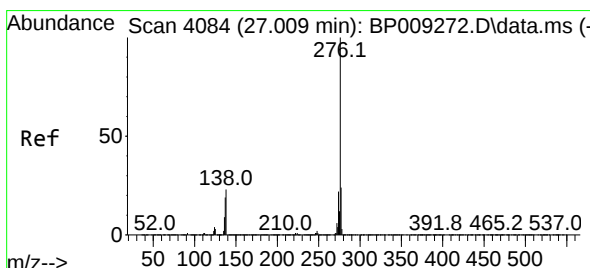
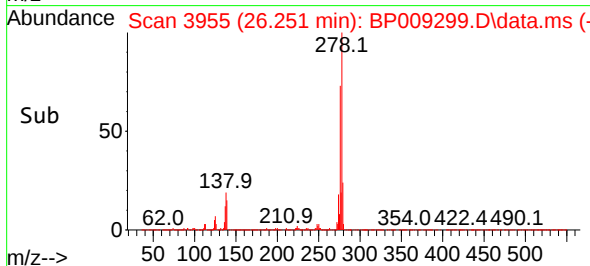
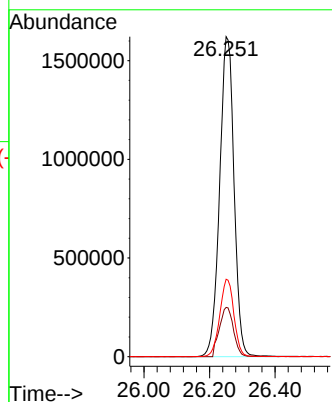
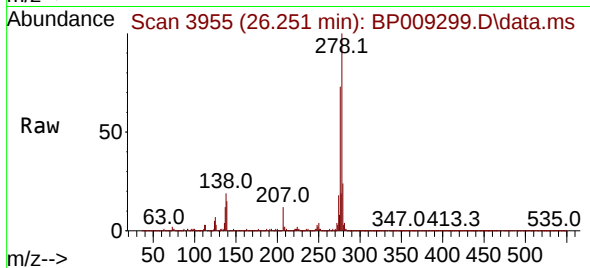
Tgt Ion:278 Resp: 4917466

Ion Ratio Lower Upper

278 100

139 15.4 13.2 19.8

279 24.2 19.2 28.8



#92

Benzo(g,h,i)perylene

Concen: 44.738 ng

RT: 27.004 min Scan# 4083

Delta R.T. -0.006 min

Lab File: BP009299.D

Acq: 08 Mar 2022 11:52

Tgt Ion:276 Resp: 4866768

Ion Ratio Lower Upper

276 100

277 23.9 19.2 28.8

138 20.7 18.0 27.0

