

Data Path : Z:\svoasrv\HPCHEM1\BNA\_P\Data\BP032222\  
 Data File : BP009490.D  
 Acq On : 22 Mar 2022 16:22  
 Operator : CG/JU  
 Sample : N2030-01MS  
 Misc :  
 ALS Vial : 11 Sample Multiplier: 1

Instrument :  
 BNA\_P  
 ClientSampleId :  
 MR-1MS

Quant Time: Mar 23 01:21:38 2022  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_P\Methods\8270E-BP031722.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Thu Mar 17 18:26:53 2022  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc    | Units | Dev(Min) |
|-------------------------------|--------|------|----------|---------|-------|----------|
| -----                         |        |      |          |         |       |          |
| Internal Standards            |        |      |          |         |       |          |
| 1) 1,4-Dichlorobenzene-d4     | 7.792  | 152  | 365210   | 20.000  | ng    | 0.00     |
| 21) Naphthalene-d8            | 10.586 | 136  | 1375137  | 20.000  | ng    | 0.00     |
| 39) Acenaphthene-d10          | 14.433 | 164  | 768258   | 20.000  | ng    | -0.01    |
| 64) Phenanthrene-d10          | 17.198 | 188  | 1469344  | 20.000  | ng    | 0.00     |
| 76) Chrysene-d12              | 21.309 | 240  | 1427587  | 20.000  | ng    | 0.00     |
| 86) Perylene-d12              | 23.715 | 264  | 1858492  | 20.000  | ng    | -0.01    |
| System Monitoring Compounds   |        |      |          |         |       |          |
| 5) 2-Fluorophenol             | 5.398  | 112  | 3672968  | 175.591 | ng    | 0.00     |
| 7) Phenol-d6                  | 6.987  | 99   | 4484630  | 158.533 | ng    | 0.00     |
| 23) Nitrobenzene-d5           | 8.951  | 82   | 2766667  | 106.914 | ng    | 0.00     |
| 42) 2,4,6-Tribromophenol      | 15.933 | 330  | 1586766  | 125.163 | ng    | -0.01    |
| 45) 2-Fluorobiphenyl          | 13.057 | 172  | 5807486  | 104.794 | ng    | 0.00     |
| 79) Terphenyl-d14             | 19.774 | 244  | 7530797  | 94.684  | ng    | 0.00     |
| Target Compounds              |        |      |          |         |       |          |
|                               |        |      |          |         |       | Qvalue   |
| 2) 1,4-Dioxane                | 3.334  | 88   | 433194   | 52.285  | ng    | 98       |
| 3) Pyridine                   | 3.722  | 79   | 1204335  | 53.971  | ng    | 99       |
| 4) n-Nitrosodimethylamine     | 3.628  | 42   | 525326   | 63.923  | ng    | 98       |
| 6) Aniline                    | 7.122  | 93   | 1622778  | 50.333  | ng    | 98       |
| 8) 2-Chlorophenol             | 7.363  | 128  | 1364427  | 57.202  | ng    | 98       |
| 9) Benzaldehyde               | 6.934  | 77   | 686905   | 53.955  | ng    | 97       |
| 10) Phenol                    | 7.010  | 94   | 1660280  | 58.502  | ng    | 99       |
| 11) bis(2-Chloroethyl)ether   | 7.222  | 93   | 1272577  | 56.659  | ng    | 97       |
| 12) 1,3-Dichlorobenzene       | 7.681  | 146  | 1478717  | 54.928  | ng    | 99       |
| 13) 1,4-Dichlorobenzene       | 7.828  | 146  | 1501997  | 54.568  | ng    | 99       |
| 14) 1,2-Dichlorobenzene       | 8.145  | 146  | 1438568  | 54.073  | ng    | 98       |
| 15) Benzyl Alcohol            | 8.040  | 79   | 1131014  | 50.147  | ng    | 99       |
| 16) 2,2'-oxybis(1-Chloropr... | 8.328  | 45   | 1417853  | 58.235  | ng    | 98       |
| 17) 2-Methylphenol            | 8.251  | 107  | 1070586  | 54.742  | ng    | 99       |
| 18) Hexachloroethane          | 8.869  | 117  | 522439   | 54.159  | ng    | 94       |
| 19) n-Nitroso-di-n-propyla... | 8.604  | 70   | 920138   | 51.426  | ng    | 98       |
| 20) 3+4-Methylphenols         | 8.581  | 107  | 1425876  | 53.024  | ng    | 99       |
| 22) Acetophenone              | 8.616  | 105  | 1861785  | 54.701  | ng    | # 99     |
| 24) Nitrobenzene              | 8.992  | 77   | 1396261  | 57.118  | ng    | 98       |
| 25) Isophorone                | 9.522  | 82   | 2488774  | 56.383  | ng    | 99       |
| 26) 2-Nitrophenol             | 9.698  | 139  | 684999   | 53.759  | ng    | 98       |
| 27) 2,4-Dimethylphenol        | 9.775  | 122  | 1158613  | 64.440  | ng    | 99       |
| 28) bis(2-Chloroethoxy)met... | 10.004 | 93   | 1534697  | 53.399  | ng    | 99       |
| 29) 2,4-Dichlorophenol        | 10.245 | 162  | 1181037  | 53.851  | ng    | 99       |
| 30) 1,2,4-Trichlorobenzene    | 10.451 | 180  | 1329858  | 52.338  | ng    | 99       |
| 31) Naphthalene               | 10.633 | 128  | 3834057  | 54.128  | ng    | 100      |
| 32) Benzoic acid              | 9.963  | 122  | 765846   | 54.481  | ng    | 93       |
| 33) 4-Chloroaniline           | 10.751 | 127  | 701315   | 24.263  | ng    | 98       |
| 34) Hexachlorobutadiene       | 10.928 | 225  | 832175   | 48.336  | ng    | 100      |
| 35) Caprolactam               | 11.551 | 113  | 340053   | 45.943  | ng    | 97       |
| 36) 4-Chloro-3-methylphenol   | 11.898 | 107  | 1159730  | 49.211  | ng    | 99       |
| 37) 2-Methylnaphthalene       | 12.251 | 142  | 2570366  | 51.718  | ng    | 99       |
| 38) 1-Methylnaphthalene       | 12.469 | 142  | 2458081  | 50.771  | ng    | 100      |
| 40) 1,2,4,5-Tetrachloroben... | 12.622 | 216  | 1416267  | 55.562  | ng    | 99       |
| 41) Hexachlorocyclopentadiene | 12.604 | 237  | 1118403  | 98.902  | ng    | 99       |
| 43) 2,4,6-Trichlorophenol     | 12.869 | 196  | 915892   | 54.210  | ng    | 99       |

Data Path : Z:\svoasrv\HPCHEM1\BNA\_P\Data\BP032222\  
 Data File : BP009490.D  
 Acq On : 22 Mar 2022 16:22  
 Operator : CG/JU  
 Sample : N2030-01MS  
 Misc :  
 ALS Vial : 11 Sample Multiplier: 1

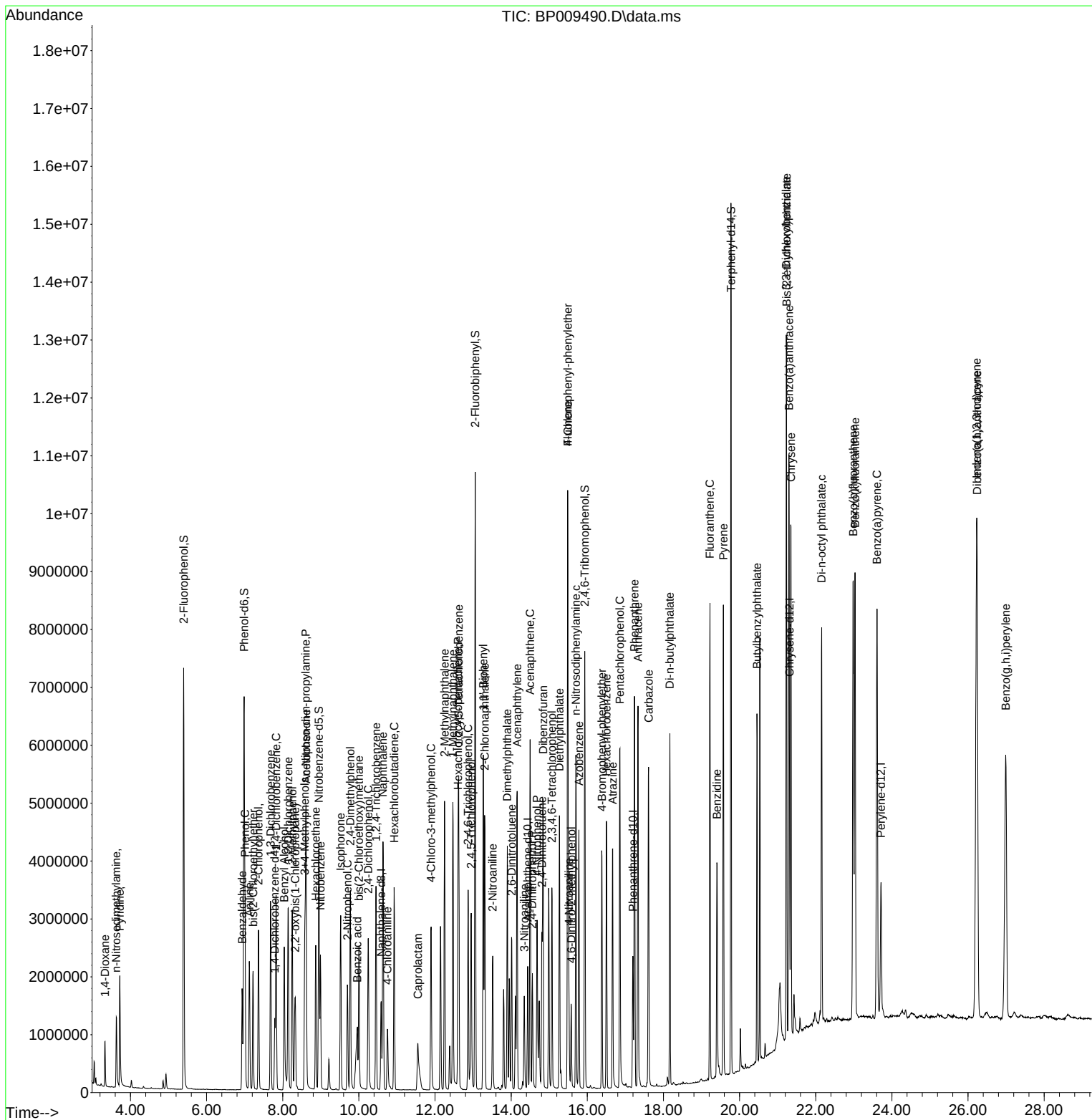
Instrument :  
 BNA\_P  
 ClientSampleId :  
 MR-1MS

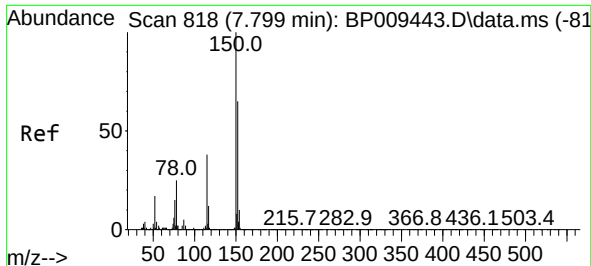
Quant Time: Mar 23 01:21:38 2022  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_P\Methods\8270E-BP031722.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Thu Mar 17 18:26:53 2022  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc    | Units | Dev(Min) |
|-------------------------------|--------|------|----------|---------|-------|----------|
| 44) 2,4,5-Trichlorophenol     | 12.951 | 196  | 981845   | 53.515  | ng    | 97       |
| 46) 1,1'-Biphenyl             | 13.269 | 154  | 3215974  | 56.113  | ng    | 99       |
| 47) 2-Chloronaphthalene       | 13.304 | 162  | 2527736  | 56.019  | ng    | 99       |
| 48) 2-Nitroaniline            | 13.516 | 65   | 694372   | 56.501  | ng    | 98       |
| 49) Acenaphthylene            | 14.157 | 152  | 4060787  | 58.297  | ng    | 99       |
| 50) Dimethylphthalate         | 13.898 | 163  | 2913711  | 50.053  | ng    | 100      |
| 51) 2,6-Dinitrotoluene        | 14.016 | 165  | 644998   | 52.882  | ng    | 99       |
| 52) Acenaphthene              | 14.498 | 154  | 2279025  | 54.771  | ng    | 100      |
| 53) 3-Nitroaniline            | 14.345 | 138  | 473152   | 36.727  | ng    | 97       |
| 54) 2,4-Dinitrophenol         | 14.557 | 184  | 535633   | 71.202  | ng    | 97       |
| 55) Dibenzofuran              | 14.839 | 168  | 3634342  | 51.990  | ng    | 100      |
| 56) 4-Nitrophenol             | 14.680 | 139  | 1068358  | 111.253 | ng    | 99       |
| 57) 2,4-Dinitrotoluene        | 14.810 | 165  | 861916   | 51.394  | ng    | 96       |
| 58) Fluorene                  | 15.486 | 166  | 2856750  | 51.962  | ng    | 98       |
| 59) 2,3,4,6-Tetrachlorophenol | 15.069 | 232  | 804192   | 48.349  | ng    | 95       |
| 60) Diethylphthalate          | 15.269 | 149  | 2804105  | 48.129  | ng    | 100      |
| 61) 4-Chlorophenyl-phenyle... | 15.486 | 204  | 1478134  | 48.807  | ng    | 96       |
| 62) 4-Nitroaniline            | 15.516 | 138  | 618004   | 45.678  | ng    | 99       |
| 63) Azobenzene                | 15.780 | 77   | 2697258  | 53.219  | ng    | 98       |
| 65) 4,6-Dinitro-2-methylph... | 15.580 | 198  | 376068   | 39.803  | ng    | 95       |
| 66) n-Nitrosodiphenylamine    | 15.704 | 169  | 2476582  | 56.956  | ng    | 99       |
| 67) 4-Bromophenyl-phenylether | 16.386 | 248  | 926464   | 51.528  | ng    | 95       |
| 68) Hexachlorobenzene         | 16.504 | 284  | 1048034  | 50.647  | ng    | 98       |
| 69) Atrazine                  | 16.668 | 200  | 860961   | 56.317  | ng    | 97       |
| 70) Pentachlorophenol         | 16.857 | 266  | 1241530  | 112.238 | ng    | 99       |
| 71) Phenanthrene              | 17.239 | 178  | 4339268  | 55.169  | ng    | 99       |
| 72) Anthracene                | 17.333 | 178  | 4369953  | 56.272  | ng    | 99       |
| 73) Carbazole                 | 17.610 | 167  | 3949735  | 52.006  | ng    | 100      |
| 74) Di-n-butylphthalate       | 18.168 | 149  | 4565399  | 51.298  | ng    | 99       |
| 75) Fluoranthene              | 19.221 | 202  | 5002526  | 52.535  | ng    | 99       |
| 77) Benzidine                 | 19.410 | 184  | 2753285  | 78.683  | ng    | 99       |
| 78) Pyrene                    | 19.574 | 202  | 5112096  | 54.343  | ng    | 100      |
| 80) Butylbenzylphthalate      | 20.456 | 149  | 2022698  | 50.587  | ng    | 98       |
| 81) Benzo(a)anthracene        | 21.298 | 228  | 5247754  | 55.951  | ng    | 100      |
| 82) 3,3'-Dichlorobenzidine    | 21.227 | 252  | 1849723  | 51.051  | ng    | 99       |
| 83) Chrysene                  | 21.351 | 228  | 4870895  | 54.845  | ng    | 99       |
| 84) Bis(2-ethylhexyl)phtha... | 21.233 | 149  | 2790056  | 50.062  | ng    | 100      |
| 85) Di-n-octyl phthalate      | 22.156 | 149  | 5136307  | 53.468  | ng    | 99       |
| 87) Indeno(1,2,3-cd)pyrene    | 26.227 | 276  | 7832871  | 55.553  | ng    | 97       |
| 88) Benzo(b)fluoranthene      | 22.986 | 252  | 6422800  | 57.891  | ng    | 99       |
| 89) Benzo(k)fluoranthene      | 23.033 | 252  | 5770404  | 53.121  | ng    | 99       |
| 90) Benzo(a)pyrene            | 23.609 | 252  | 6214656  | 65.470  | ng    | 98       |
| 91) Dibenzo(a,h)anthracene    | 26.239 | 278  | 6781102  | 57.705  | ng    | 98       |
| 92) Benzo(g,h,i)perylene      | 26.991 | 276  | 6882109  | 59.532  | ng    | 97       |

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

Quant Time: Mar 23 01:21:38 2022  
Quant Method : Z:\svoasrv\HPCHEM1\BNA\_P\Methods\8270E-BP031722.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
QLast Update : Thu Mar 17 18:26:53 2022  
Response via : Initial Calibration

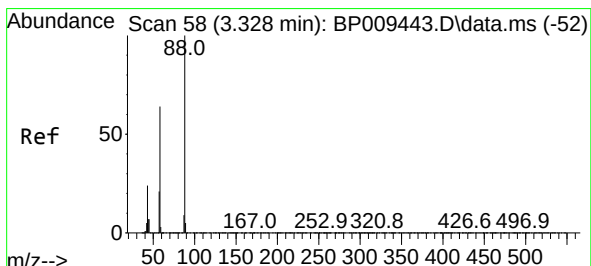
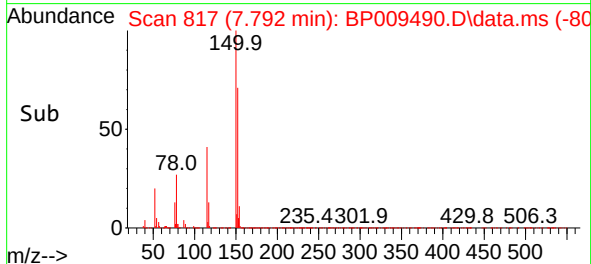
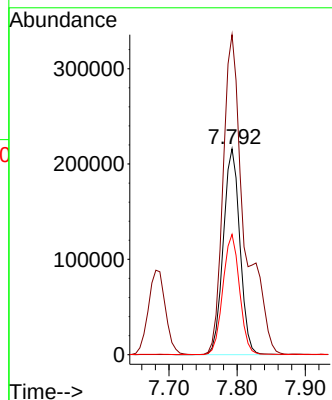
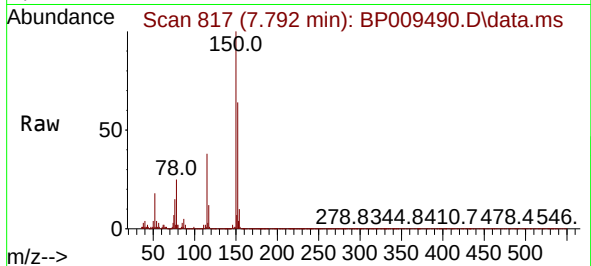




#1  
 1,4-Dichlorobenzene-d4  
 Concen: 20.000 ng  
 RT: 7.792 min Scan# 81  
 Delta R.T. -0.007 min  
 Lab File: BP009490.D  
 Acq: 22 Mar 2022 16:22

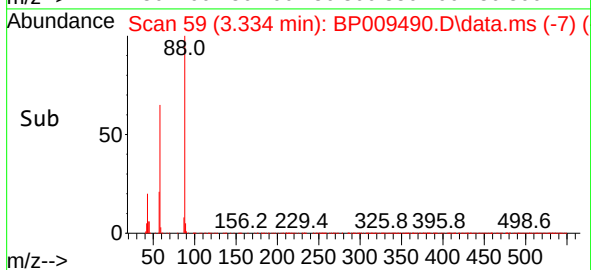
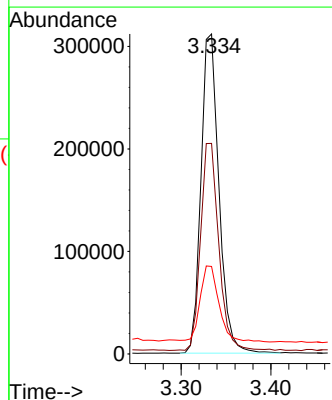
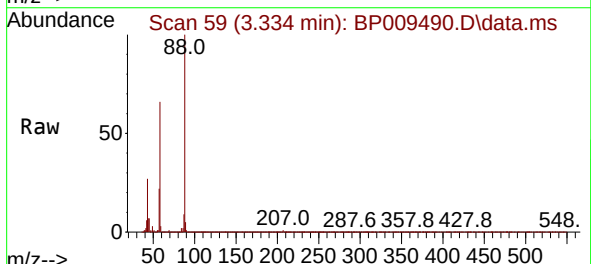
Instrument :  
 BNA\_P  
 ClientSampleId :  
 MR-1MS

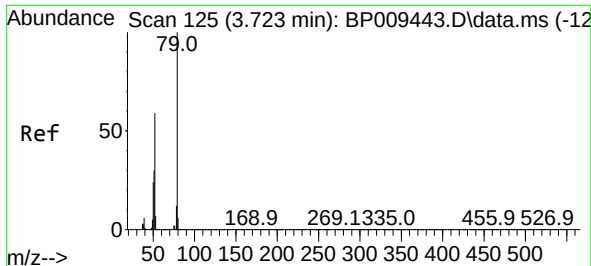
Tgt Ion:152 Resp: 365210  
 Ion Ratio Lower Upper  
 152 100  
 150 155.4 124.5 186.7  
 115 58.4 48.2 72.4



#2  
 1,4-Dioxane  
 Concen: 52.285 ng  
 RT: 3.334 min Scan# 59  
 Delta R.T. 0.005 min  
 Lab File: BP009490.D  
 Acq: 22 Mar 2022 16:22

Tgt Ion: 88 Resp: 433194  
 Ion Ratio Lower Upper  
 88 100  
 58 65.4 54.2 81.2  
 43 25.2 20.4 30.6

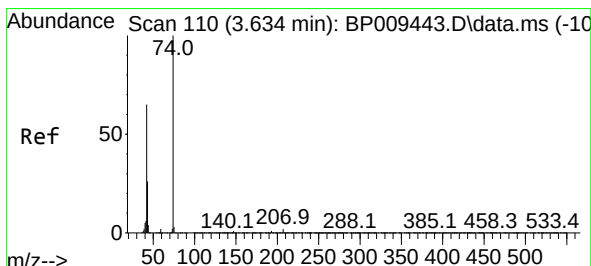
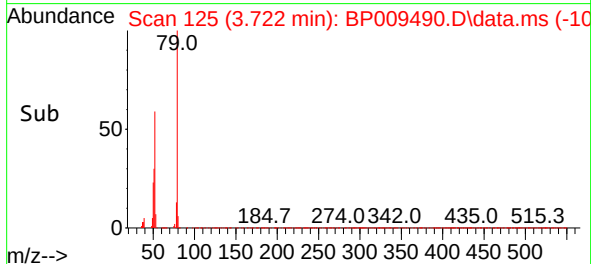
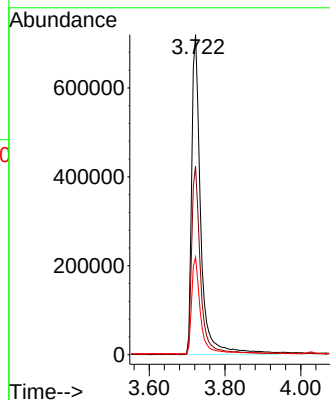
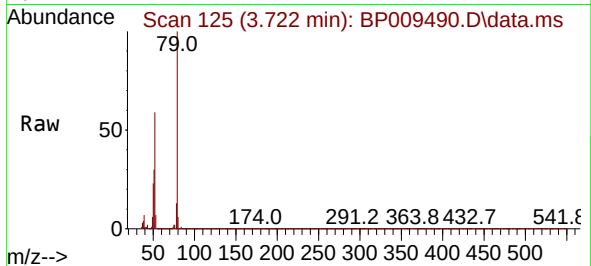




#3  
Pyridine  
Concen: 53.971 ng  
RT: 3.722 min Scan# 110  
Delta R.T. -0.000 min  
Lab File: BP009490.D  
Acq: 22 Mar 2022 16:22

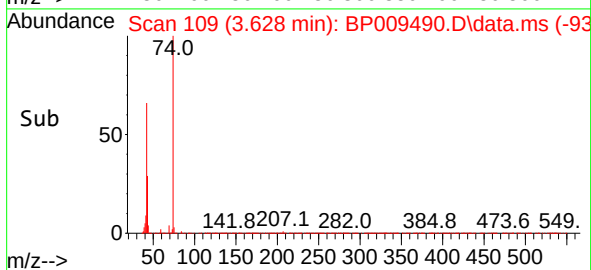
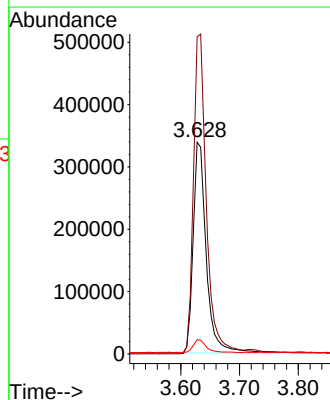
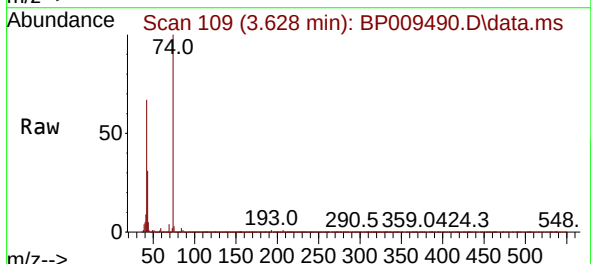
Instrument :  
BNA\_P  
ClientSampleId :  
MR-1MS

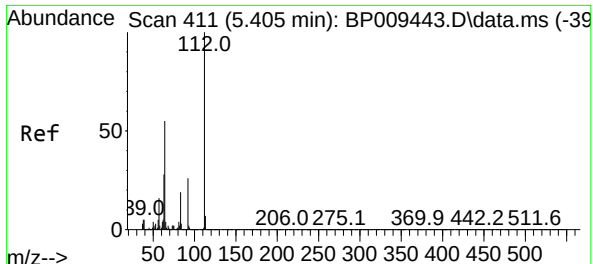
Tgt Ion: 79 Resp: 1204335  
Ion Ratio Lower Upper  
79 100  
52 58.9 47.5 71.3  
51 30.4 24.1 36.1



#4  
n-Nitrosodimethylamine  
Concen: 63.923 ng  
RT: 3.628 min Scan# 109  
Delta R.T. -0.006 min  
Lab File: BP009490.D  
Acq: 22 Mar 2022 16:22

Tgt Ion: 42 Resp: 525326  
Ion Ratio Lower Upper  
42 100  
74 149.8 122.1 183.1  
44 6.8 5.8 8.8

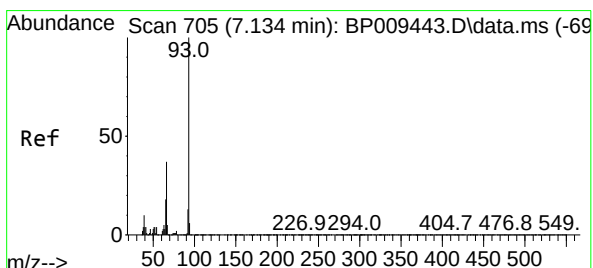
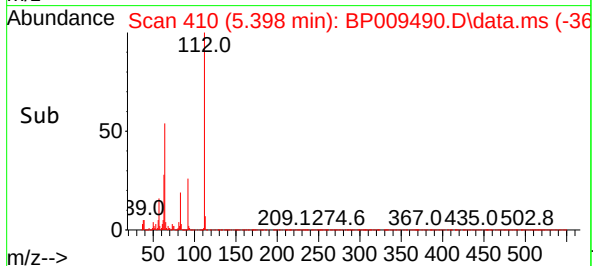
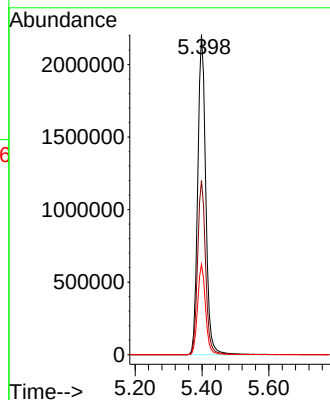
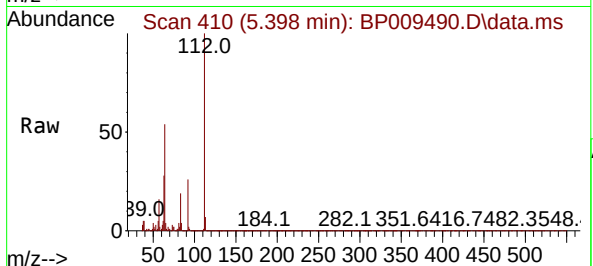




#5  
2-Fluorophenol  
Concen: 175.591 ng  
RT: 5.398 min Scan# 411  
Delta R.T. -0.006 min  
Lab File: BP009490.D  
Acq: 22 Mar 2022 16:22

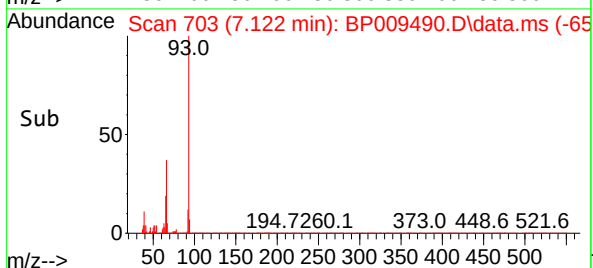
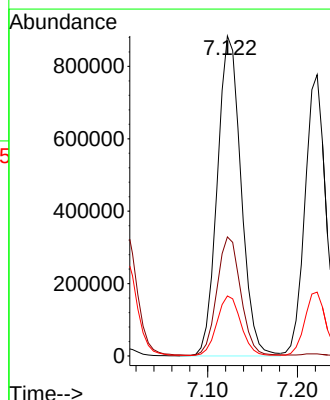
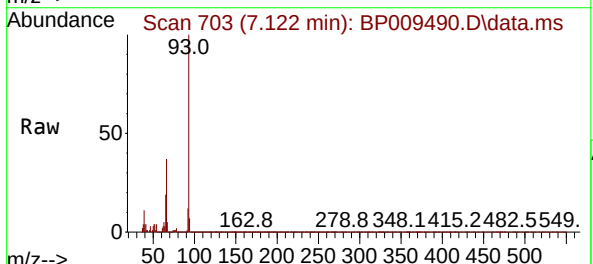
Instrument :  
BNA\_P  
ClientSampleId :  
MR-1MS

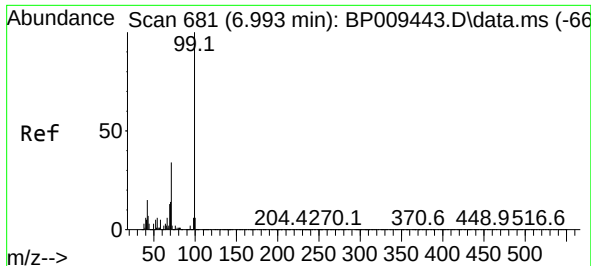
Tgt Ion:112 Resp: 3672968  
Ion Ratio Lower Upper  
112 100  
64 54.4 45.0 67.4  
63 28.3 23.0 34.6



#6  
Aniline  
Concen: 50.333 ng  
RT: 7.122 min Scan# 703  
Delta R.T. -0.012 min  
Lab File: BP009490.D  
Acq: 22 Mar 2022 16:22

Tgt Ion: 93 Resp: 1622778  
Ion Ratio Lower Upper  
93 100  
66 37.2 30.9 46.3  
65 18.8 15.8 23.8

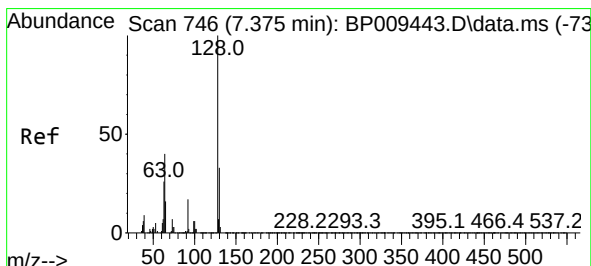
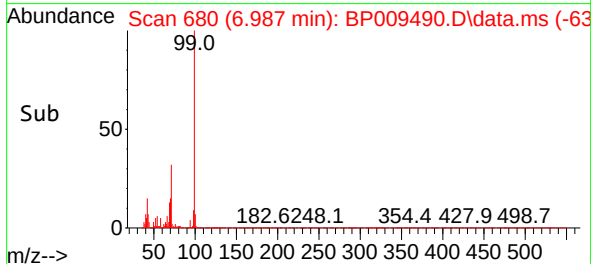
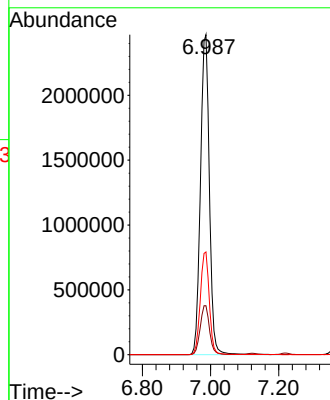
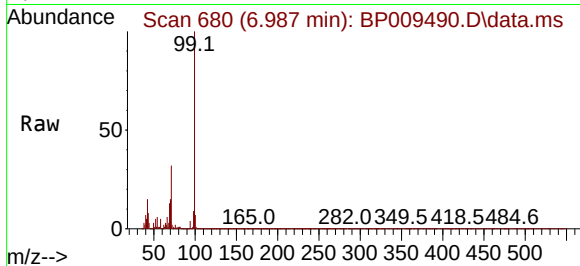




#7  
Phenol-d6  
Concen: 158.533 ng  
RT: 6.987 min Scan# 61  
Delta R.T. -0.006 min  
Lab File: BP009490.D  
Acq: 22 Mar 2022 16:22

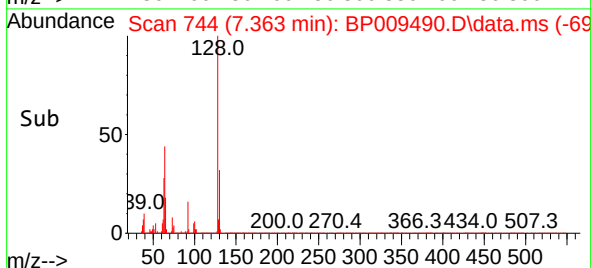
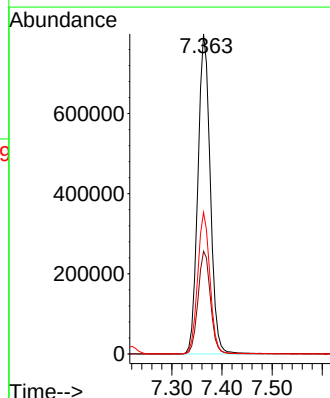
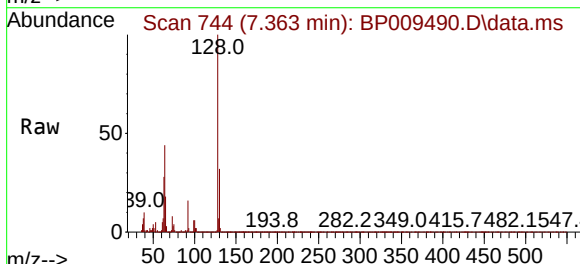
Instrument :  
BNA\_P  
ClientSampleId :  
MR-1MS

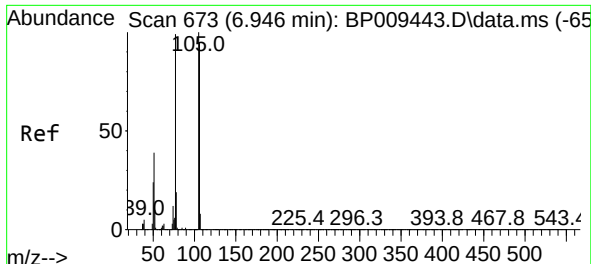
Tgt Ion: 99 Resp: 4484630  
Ion Ratio Lower Upper  
99 100  
42 15.3 12.8 19.2  
71 32.1 26.3 39.5



#8  
2-Chlorophenol  
Concen: 57.202 ng  
RT: 7.363 min Scan# 744  
Delta R.T. -0.012 min  
Lab File: BP009490.D  
Acq: 22 Mar 2022 16:22

Tgt Ion: 128 Resp: 1364427  
Ion Ratio Lower Upper  
128 100  
130 32.1 12.5 52.5  
64 44.3 26.2 66.2

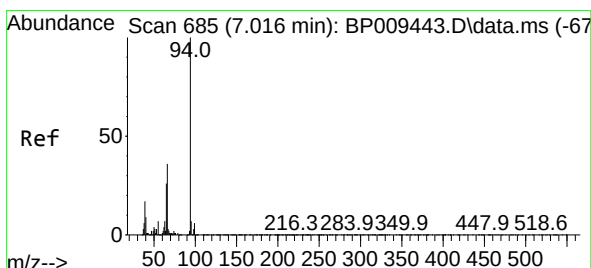
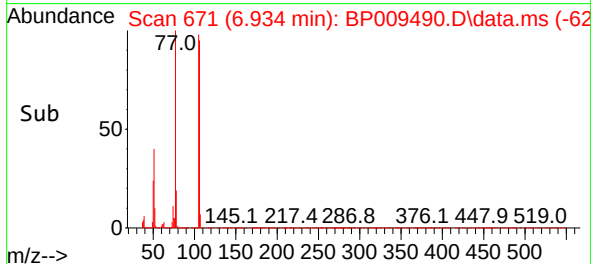
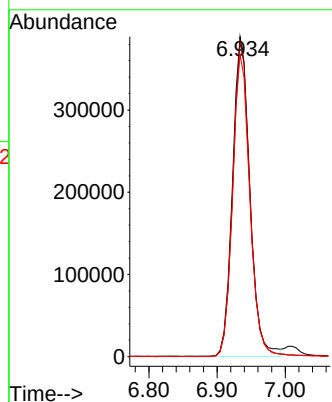
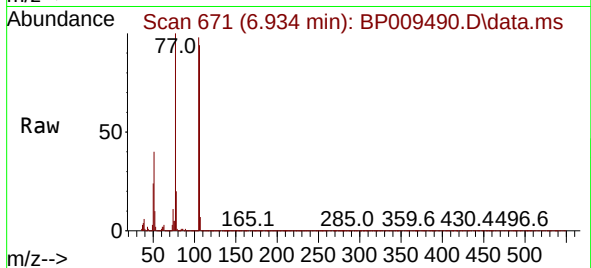




#9  
Benzaldehyde  
Concen: 53.955 ng  
RT: 6.934 min Scan# 61  
Delta R.T. -0.012 min  
Lab File: BP009490.D  
Acq: 22 Mar 2022 16:22

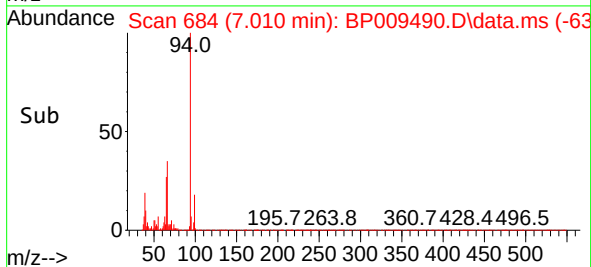
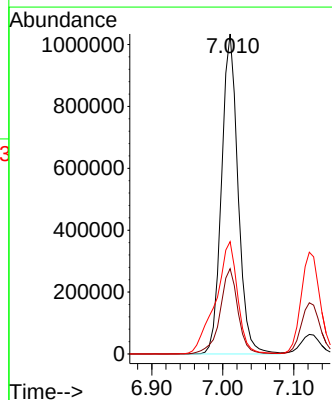
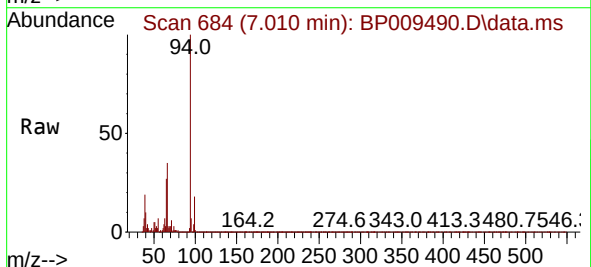
Instrument :  
BNA\_P  
ClientSampleId :  
MR-1MS

Tgt Ion: 77 Resp: 686905  
Ion Ratio Lower Upper  
77 100  
105 98.4 75.2 115.2  
106 94.4 72.3 112.3

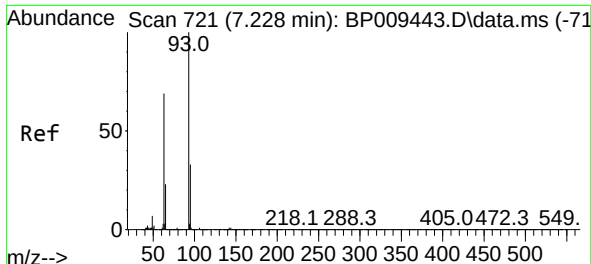


#10  
Phenol  
Concen: 58.502 ng  
RT: 7.010 min Scan# 684  
Delta R.T. -0.006 min  
Lab File: BP009490.D  
Acq: 22 Mar 2022 16:22

Tgt Ion: 94 Resp: 1660280  
Ion Ratio Lower Upper  
94 100  
65 26.7 7.2 47.2  
66 35.1 14.3 54.3



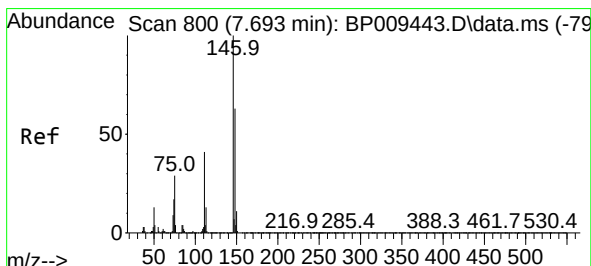
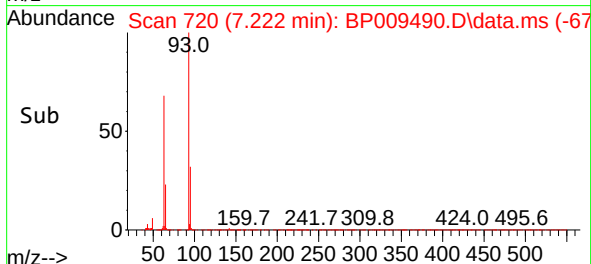
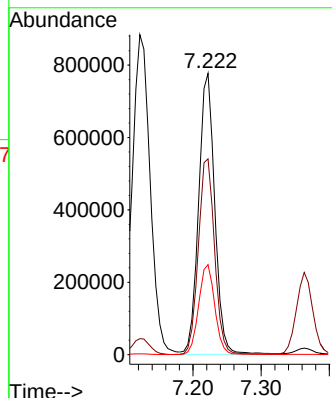
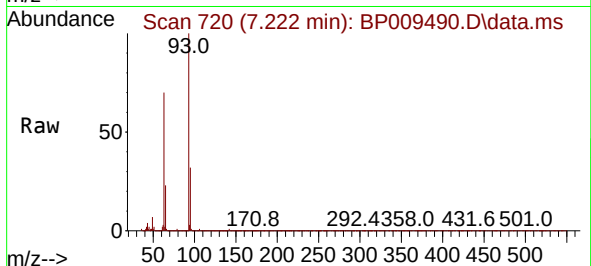




#11  
bis(2-Chloroethyl)ether  
Concen: 56.659 ng  
RT: 7.222 min Scan# 71  
Delta R.T. -0.006 min  
Lab File: BP009490.D  
Acq: 22 Mar 2022 16:22

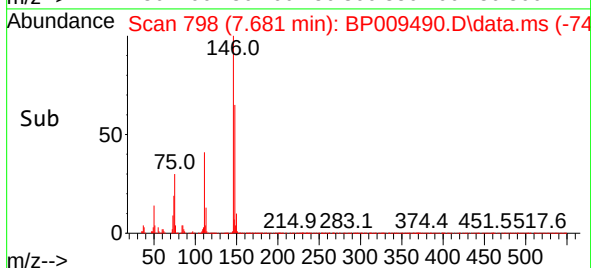
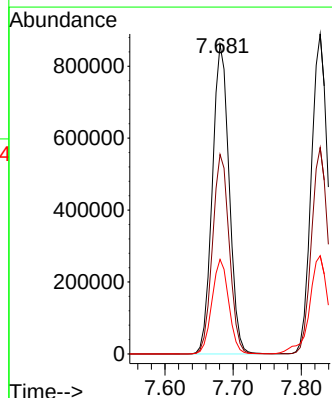
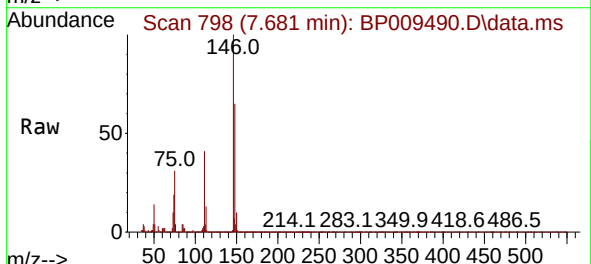
Instrument :  
BNA\_P  
ClientSampleId :  
MR-1MS

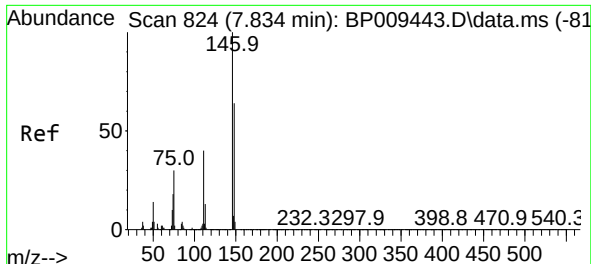
Tgt Ion: 93 Resp: 1272577  
Ion Ratio Lower Upper  
93 100  
63 69.6 53.5 93.5  
95 32.0 12.0 52.0



#12  
1,3-Dichlorobenzene  
Concen: 54.928 ng  
RT: 7.681 min Scan# 798  
Delta R.T. -0.012 min  
Lab File: BP009490.D  
Acq: 22 Mar 2022 16:22

Tgt Ion:146 Resp: 1478717  
Ion Ratio Lower Upper  
146 100  
148 64.5 51.4 77.0  
75 30.6 25.3 37.9

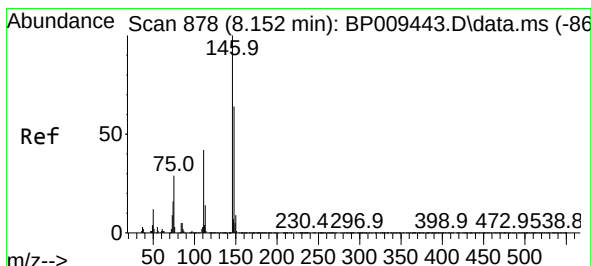
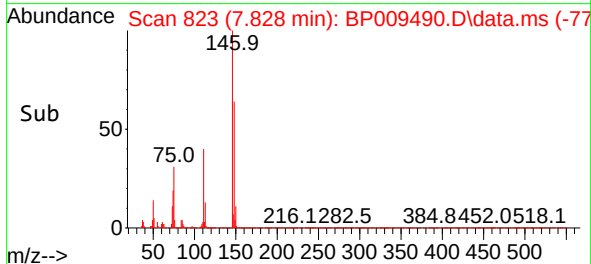
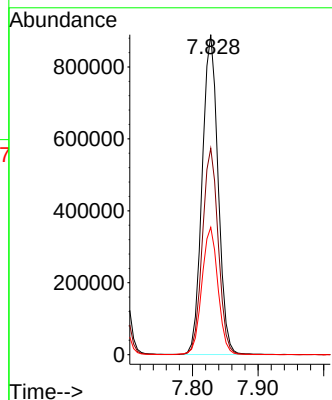
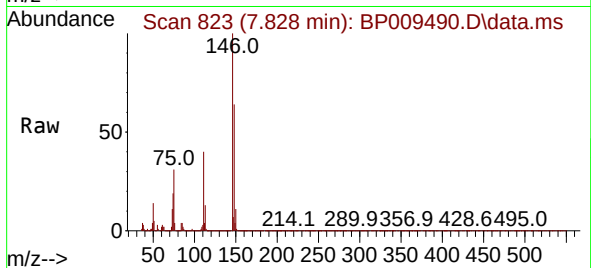




#13  
1,4-Dichlorobenzene  
Concen: 54.568 ng  
RT: 7.828 min Scan# 81  
Delta R.T. -0.006 min  
Lab File: BP009490.D  
Acq: 22 Mar 2022 16:22

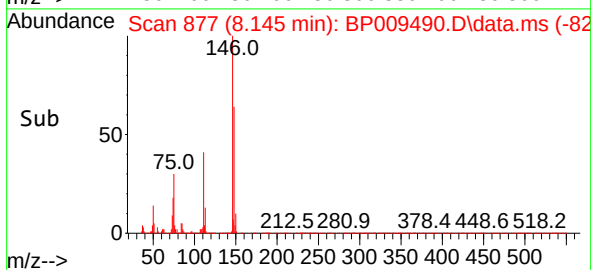
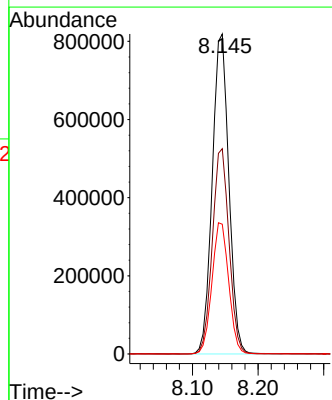
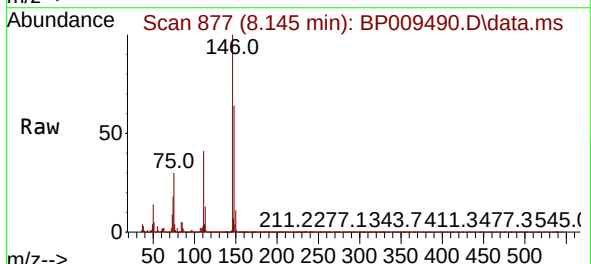
Instrument :  
BNA\_P  
ClientSampleId :  
MR-1MS

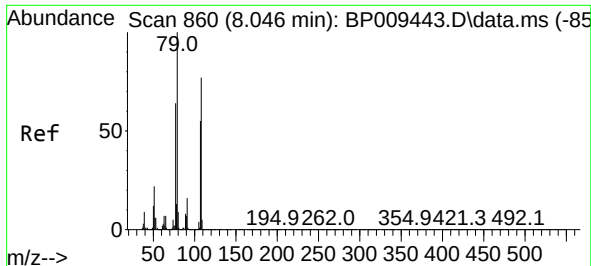
Tgt Ion:146 Resp: 1501997  
Ion Ratio Lower Upper  
146 100  
148 64.5 51.1 76.7  
111 39.8 32.1 48.1



#14  
1,2-Dichlorobenzene  
Concen: 54.073 ng  
RT: 8.145 min Scan# 877  
Delta R.T. -0.006 min  
Lab File: BP009490.D  
Acq: 22 Mar 2022 16:22

Tgt Ion:146 Resp: 1438568  
Ion Ratio Lower Upper  
146 100  
148 64.2 50.9 76.3  
111 40.5 34.1 51.1

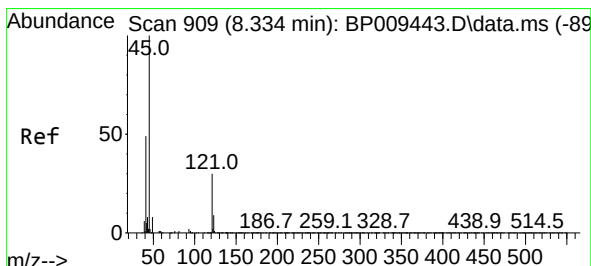
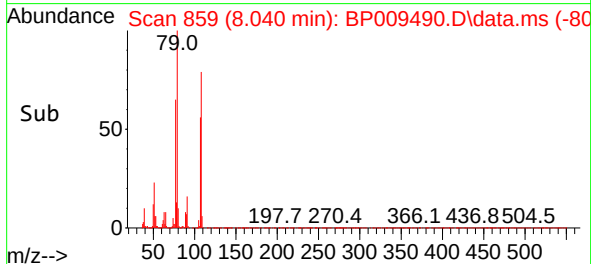
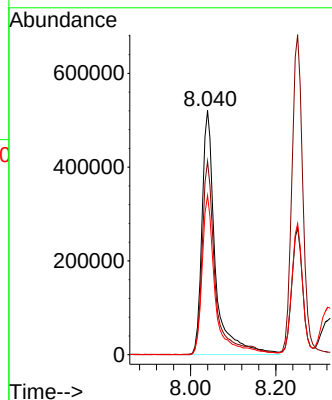
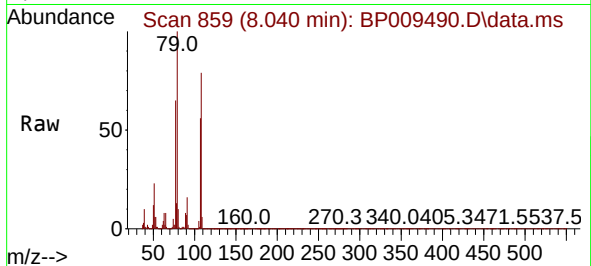




#15  
Benzyl Alcohol  
Concen: 50.147 ng  
RT: 8.040 min Scan# 860  
Delta R.T. -0.006 min  
Lab File: BP009490.D  
Acq: 22 Mar 2022 16:22

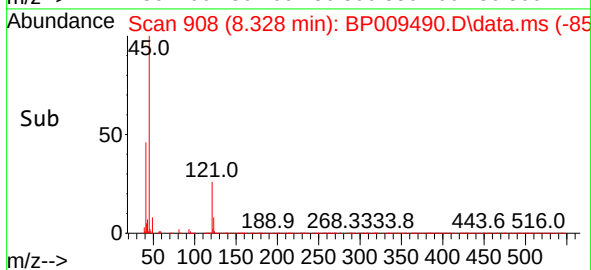
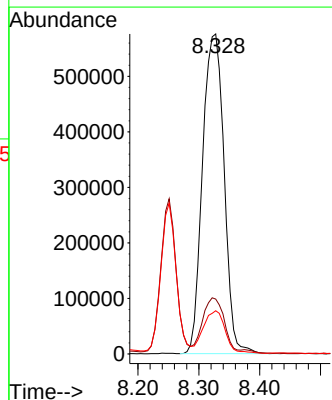
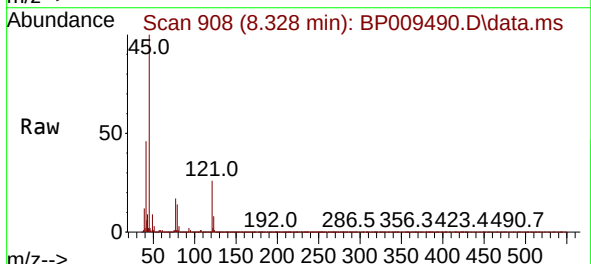
Instrument :  
BNA\_P  
ClientSampleId :  
MR-1MS

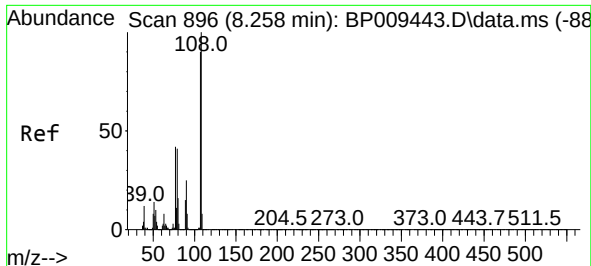
Tgt Ion: 79 Resp: 1131014  
Ion Ratio Lower Upper  
79 100  
108 79.2 62.5 93.7  
77 65.2 51.7 77.5



#16  
2,2'-oxybis(1-Chloropropane)  
Concen: 58.235 ng  
RT: 8.328 min Scan# 908  
Delta R.T. -0.006 min  
Lab File: BP009490.D  
Acq: 22 Mar 2022 16:22

Tgt Ion: 45 Resp: 1417853  
Ion Ratio Lower Upper  
45 100  
77 17.2 0.0 36.5  
79 13.5 0.0 32.4

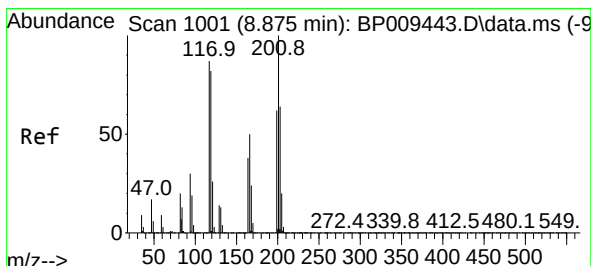
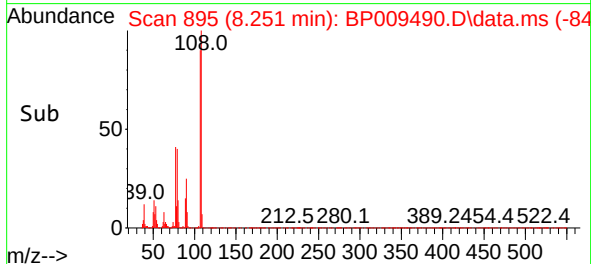
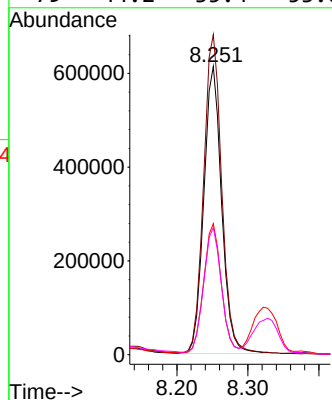
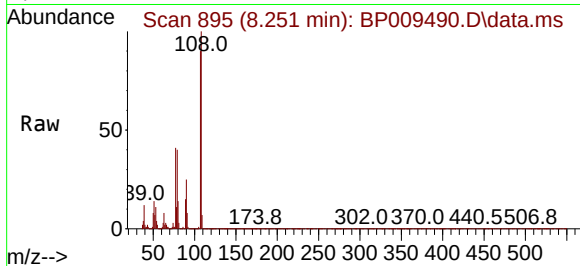




#17  
2-Methylphenol  
Concen: 54.742 ng  
RT: 8.251 min Scan# 895  
Delta R.T. -0.006 min  
Lab File: BP009490.D  
Acq: 22 Mar 2022 16:22

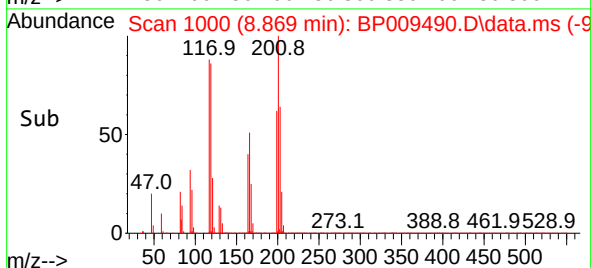
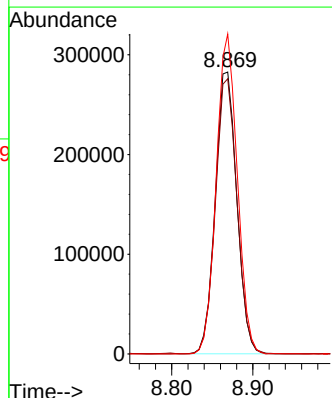
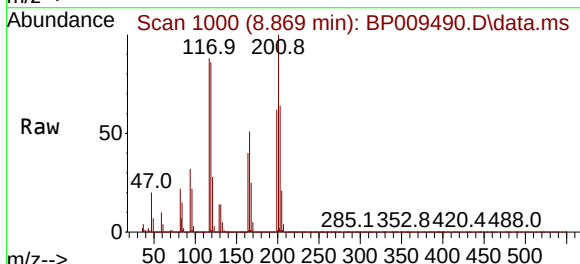
Instrument :  
BNA\_P  
ClientSampleId :  
MR-1MS

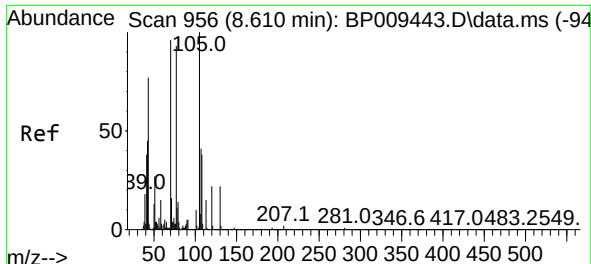
Tgt Ion:107 Resp: 1070586  
Ion Ratio Lower Upper  
107 100  
108 111.0 90.2 135.2  
77 45.5 36.3 54.5  
79 44.2 35.4 53.0



#18  
Hexachloroethane  
Concen: 54.159 ng  
RT: 8.869 min Scan# 1000  
Delta R.T. -0.006 min  
Lab File: BP009490.D  
Acq: 22 Mar 2022 16:22

Tgt Ion:117 Resp: 522439  
Ion Ratio Lower Upper  
117 100  
119 97.6 76.4 114.6  
201 113.5 83.4 125.2

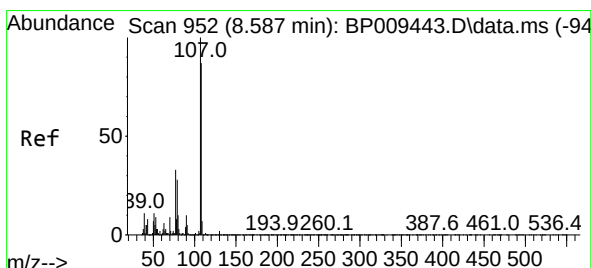
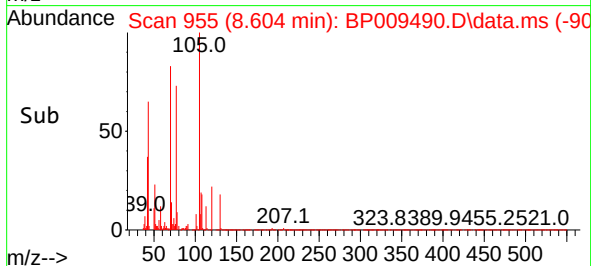
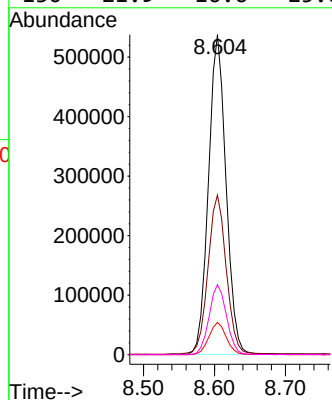
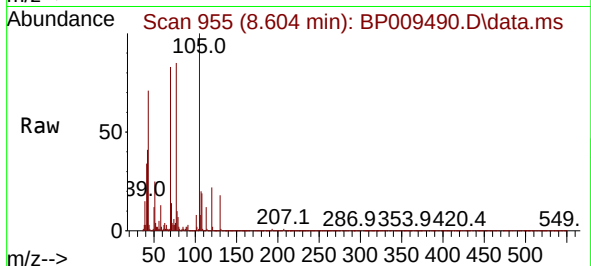




#19  
n-Nitroso-di-n-propylamine  
Concen: 51.426 ng  
RT: 8.604 min Scan# 91  
Delta R.T. -0.006 min  
Lab File: BP009490.D  
Acq: 22 Mar 2022 16:22

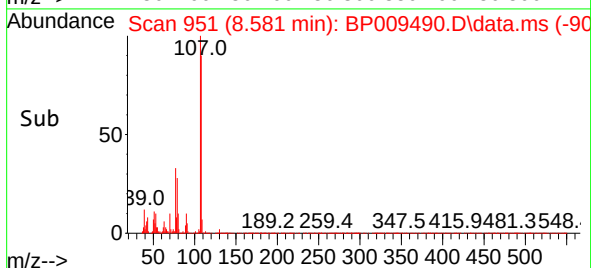
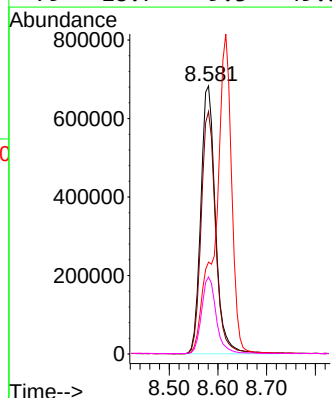
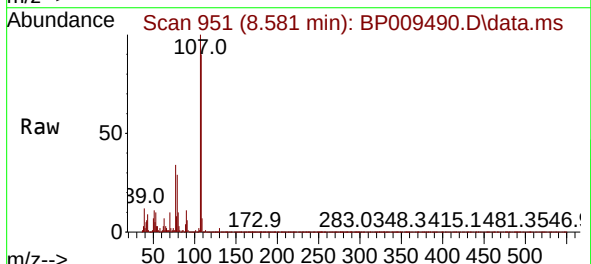
Instrument :  
BNA\_P  
ClientSampleId :  
MR-1MS

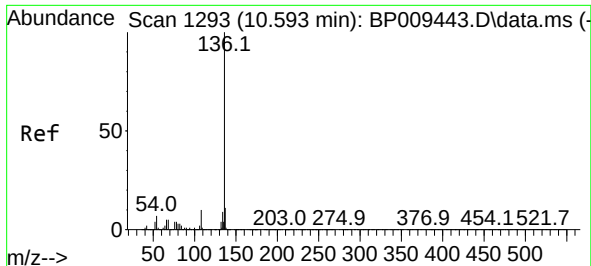
Tgt Ion: 70 Resp: 920138  
Ion Ratio Lower Upper  
70 100  
42 49.9 41.0 61.4  
101 10.1 7.9 11.9  
130 21.9 16.6 25.0



#20  
3+4-Methylphenols  
Concen: 53.024 ng  
RT: 8.581 min Scan# 951  
Delta R.T. -0.006 min  
Lab File: BP009490.D  
Acq: 22 Mar 2022 16:22

Tgt Ion: 107 Resp: 1425876  
Ion Ratio Lower Upper  
107 100  
108 90.4 69.4 109.4  
77 34.3 13.6 53.6  
79 28.7 9.3 49.3



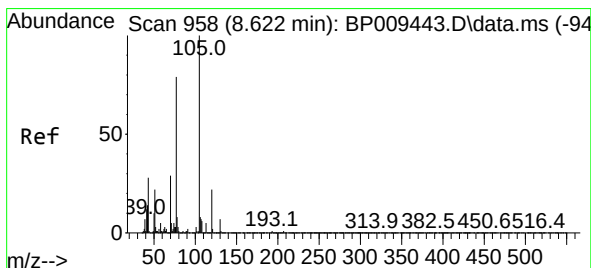
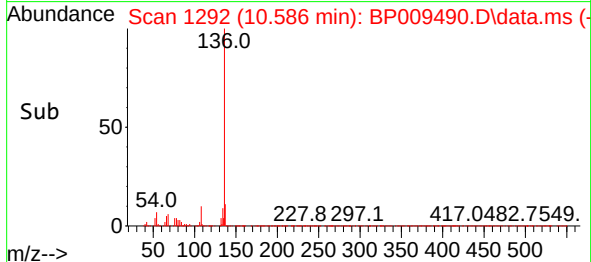
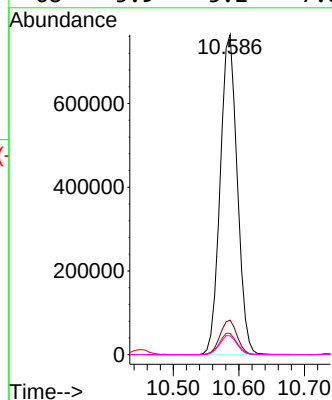
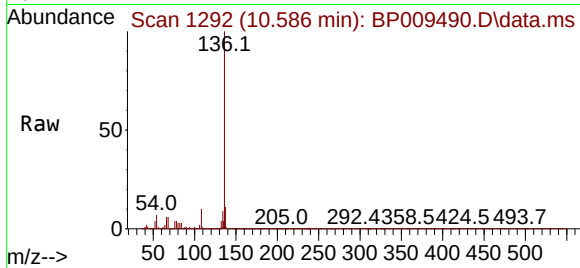


#21  
Naphthalene-d8  
Concen: 20.000 ng  
RT: 10.586 min Scan# 1292  
Delta R.T. -0.007 min  
Lab File: BP009490.D  
Acq: 22 Mar 2022 16:22

Instrument :  
BNA\_P  
ClientSampleId :  
MR-1MS

Tgt Ion:136 Resp: 1375137

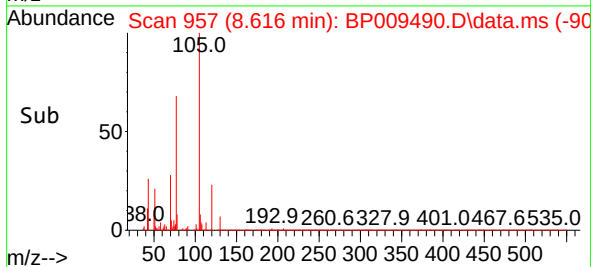
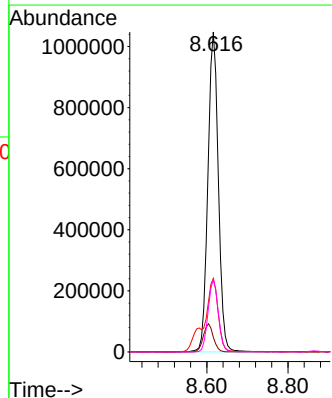
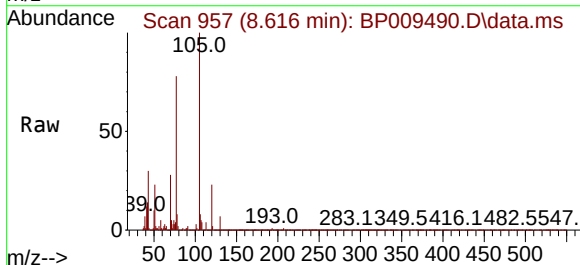
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 136 | 100   |       |       |
| 137 | 10.8  | 8.6   | 12.8  |
| 54  | 6.6   | 5.8   | 8.8   |
| 68  | 5.9   | 5.2   | 7.8   |

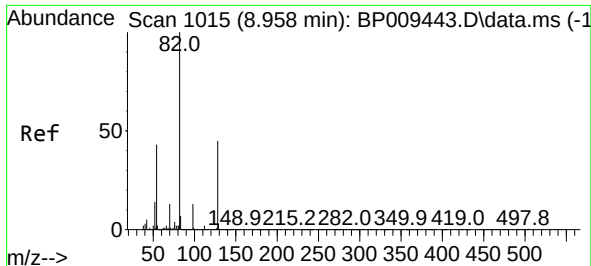


#22  
Acetophenone  
Concen: 54.701 ng  
RT: 8.616 min Scan# 957  
Delta R.T. -0.006 min  
Lab File: BP009490.D  
Acq: 22 Mar 2022 16:22

Tgt Ion:105 Resp: 1861785

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 105 | 100   |       |       |
| 71  | 4.6   | 5.5   | 8.3   |
| 51  | 23.0  | 18.9  | 28.3  |
| 120 | 22.6  | 18.1  | 27.1  |

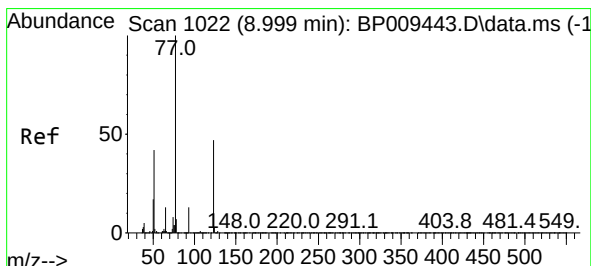
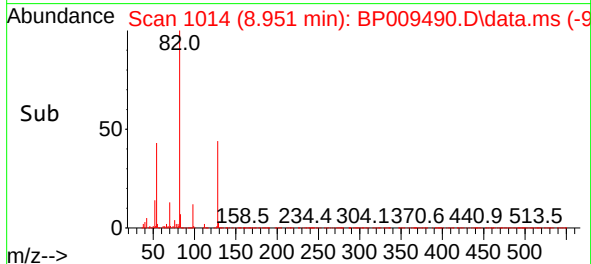
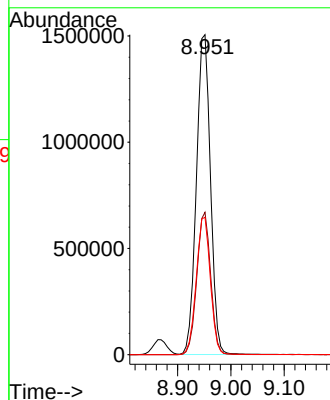
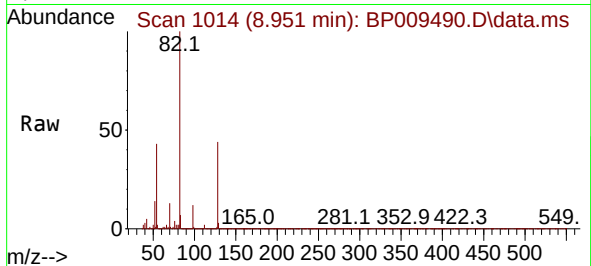




#23  
Nitrobenzene-d5  
Concen: 106.914 ng  
RT: 8.951 min Scan# 1014  
Delta R.T. -0.006 min  
Lab File: BP009490.D  
Acq: 22 Mar 2022 16:22

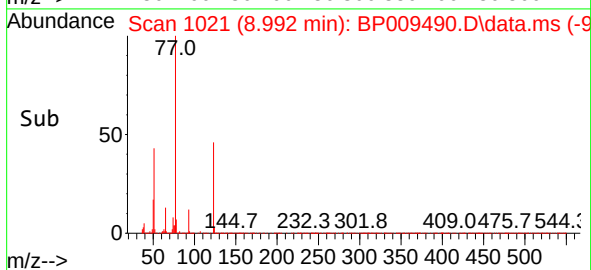
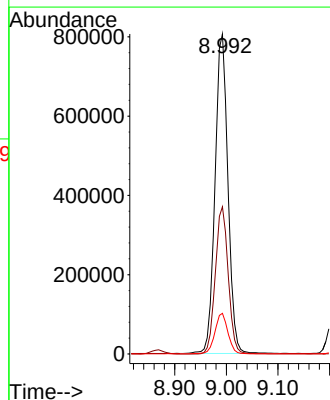
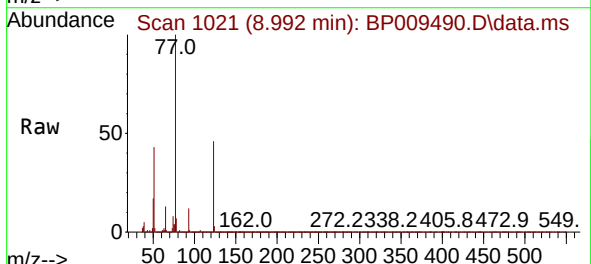
Instrument :  
BNA\_P  
ClientSampleId :  
MR-1MS

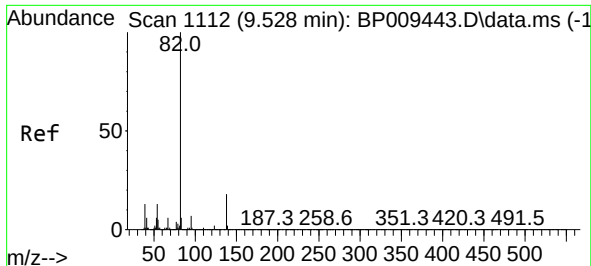
Tgt Ion: 82 Resp: 2766667  
Ion Ratio Lower Upper  
82 100  
128 44.5 34.2 51.4  
54 43.0 34.7 52.1



#24  
Nitrobenzene  
Concen: 57.118 ng  
RT: 8.992 min Scan# 1021  
Delta R.T. -0.006 min  
Lab File: BP009490.D  
Acq: 22 Mar 2022 16:22

Tgt Ion: 77 Resp: 1396261  
Ion Ratio Lower Upper  
77 100  
123 46.0 35.5 53.3  
65 12.7 10.3 15.5

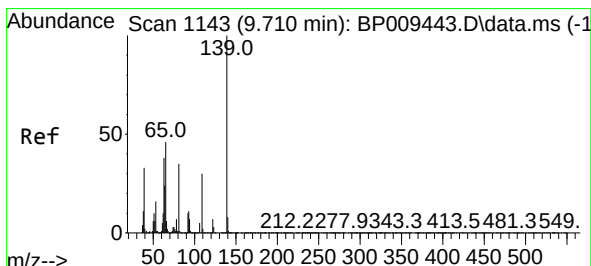
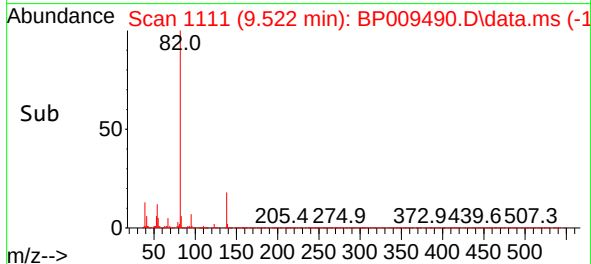
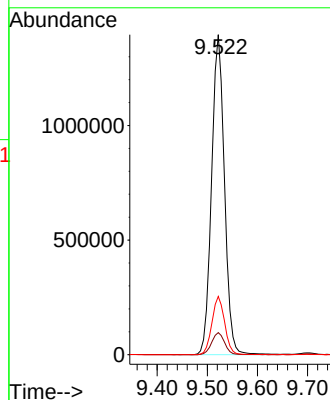
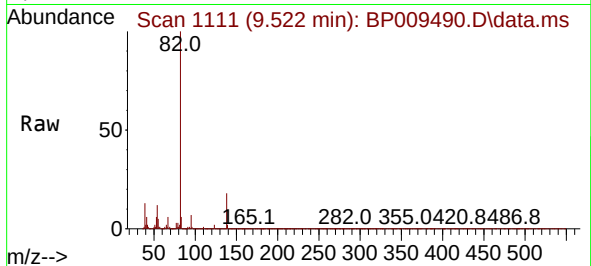




#25  
Isophorone  
Concen: 56.383 ng  
RT: 9.522 min Scan# 1112  
Delta R.T. -0.006 min  
Lab File: BP009490.D  
Acq: 22 Mar 2022 16:22

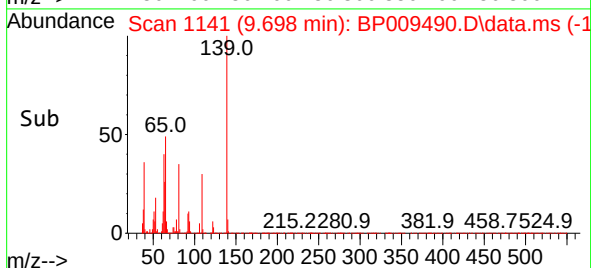
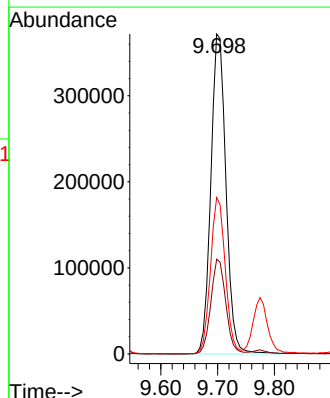
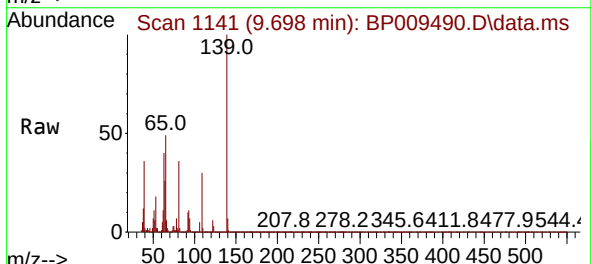
Instrument :  
BNA\_P  
ClientSampleId :  
MR-1MS

Tgt Ion: 82 Resp: 2488774  
Ion Ratio Lower Upper  
82 100  
95 6.9 5.5 8.3  
138 18.2 13.8 20.8

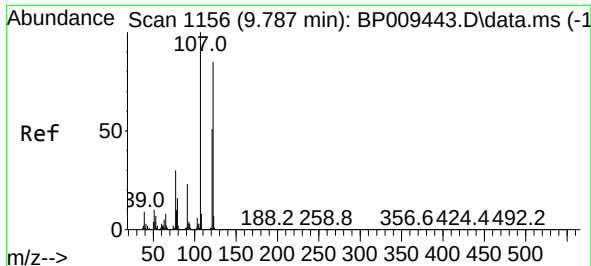


#26  
2-Nitrophenol  
Concen: 53.759 ng  
RT: 9.698 min Scan# 1141  
Delta R.T. -0.012 min  
Lab File: BP009490.D  
Acq: 22 Mar 2022 16:22

Tgt Ion: 139 Resp: 684999  
Ion Ratio Lower Upper  
139 100  
109 29.6 23.4 35.0  
65 48.9 41.0 61.6



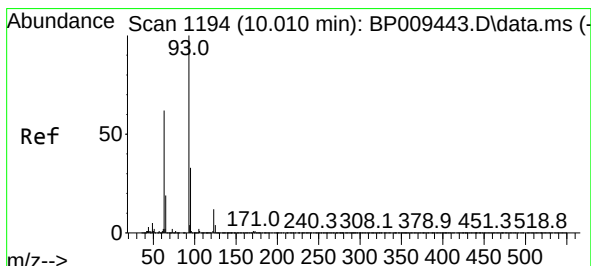
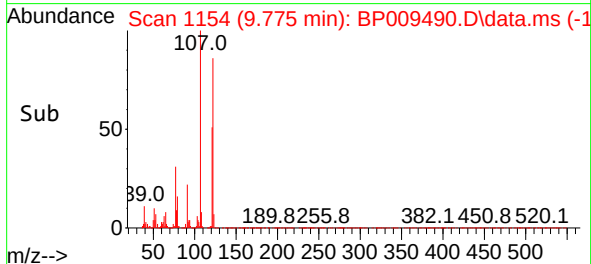
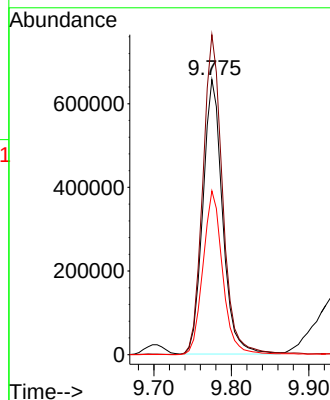
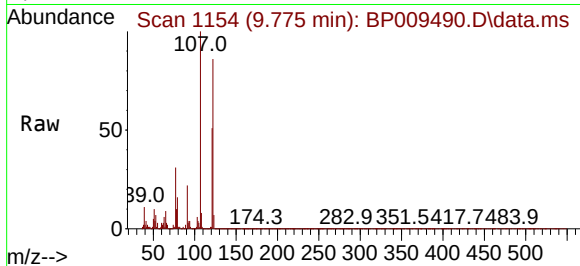




#27  
2,4-Dimethylphenol  
Concen: 64.440 ng  
RT: 9.775 min Scan# 1156  
Delta R.T. -0.012 min  
Lab File: BP009490.D  
Acq: 22 Mar 2022 16:22

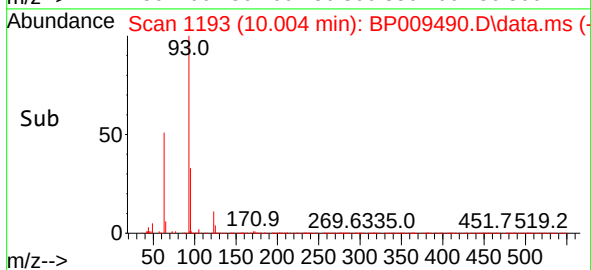
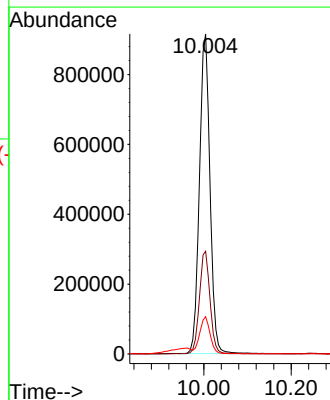
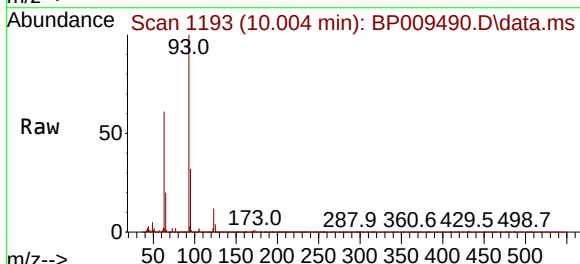
Instrument :  
BNA\_P  
ClientSampleId :  
MR-1MS

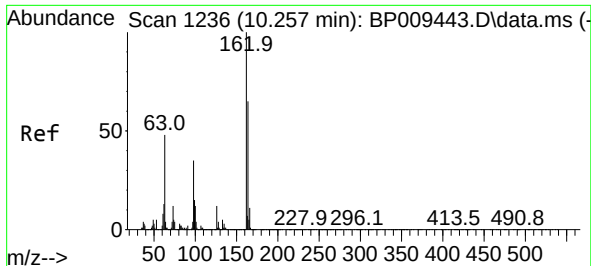
Tgt Ion:122 Resp: 1158613  
Ion Ratio Lower Upper  
122 100  
107 116.3 92.6 138.8  
121 59.5 46.7 70.1



#28  
bis(2-Chloroethoxy)methane  
Concen: 53.399 ng  
RT: 10.004 min Scan# 1193  
Delta R.T. -0.006 min  
Lab File: BP009490.D  
Acq: 22 Mar 2022 16:22

Tgt Ion: 93 Resp: 1534697  
Ion Ratio Lower Upper  
93 100  
95 32.1 25.5 38.3  
123 11.7 8.9 13.3





#29

2,4-Dichlorophenol

Concen: 53.851 ng

RT: 10.245 min Scan# 11

Delta R.T. -0.012 min

Lab File: BP009490.D

Acq: 22 Mar 2022 16:22

Instrument :

BNA\_P

ClientSampleId :

MR-1MS

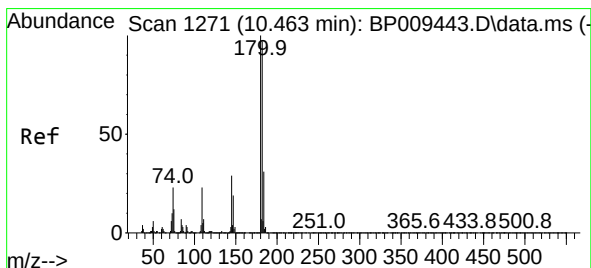
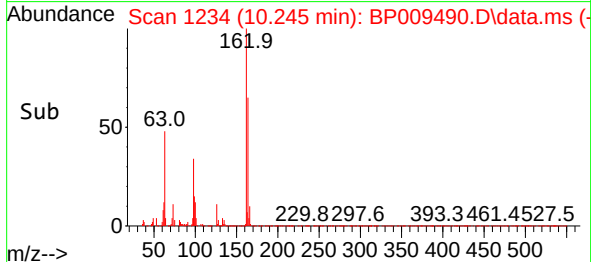
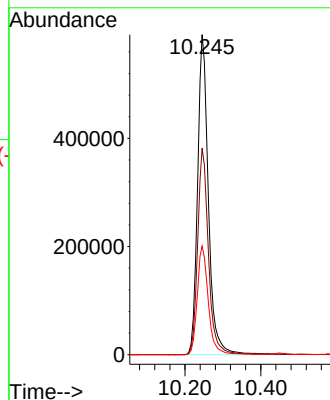
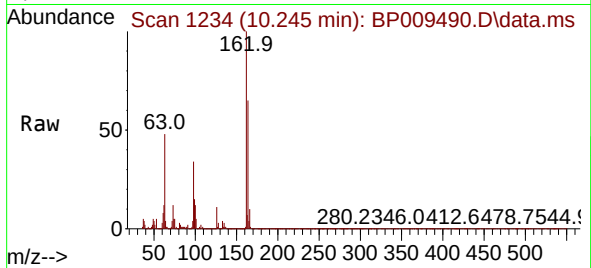
Tgt Ion:162 Resp: 1181037

Ion Ratio Lower Upper

162 100

164 64.5 44.3 84.3

98 34.0 15.6 55.6



#30

1,2,4-Trichlorobenzene

Concen: 52.338 ng

RT: 10.451 min Scan# 1269

Delta R.T. -0.012 min

Lab File: BP009490.D

Acq: 22 Mar 2022 16:22

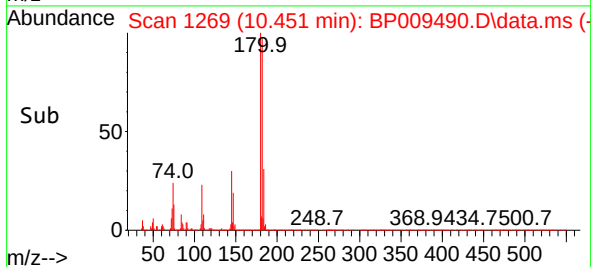
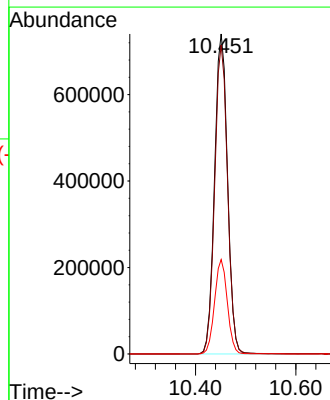
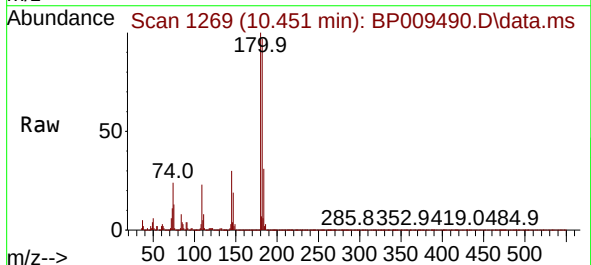
Tgt Ion:180 Resp: 1329858

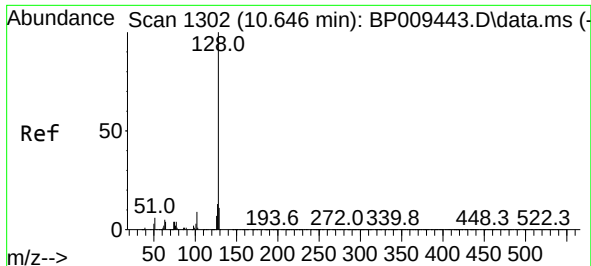
Ion Ratio Lower Upper

180 100

182 96.5 76.4 114.6

145 29.5 23.8 35.6

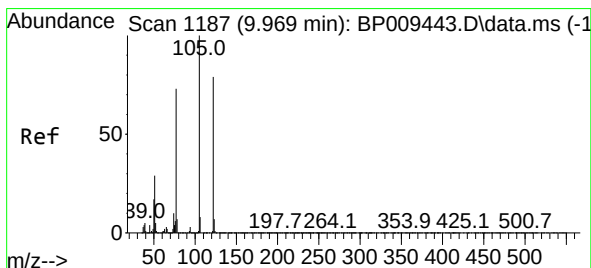
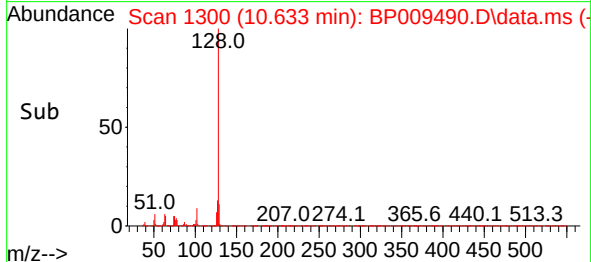
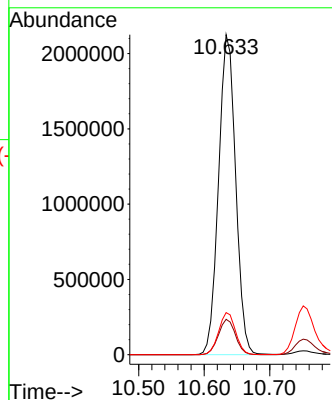
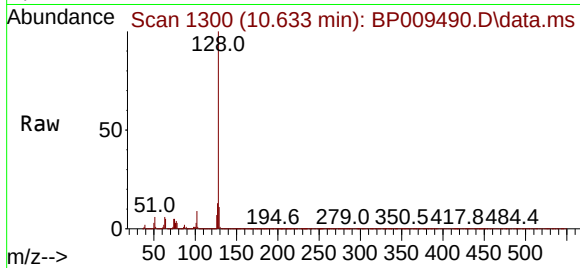




#31  
Naphthalene  
Concen: 54.128 ng  
RT: 10.633 min Scan# 1186  
Delta R.T. -0.012 min  
Lab File: BP009490.D  
Acq: 22 Mar 2022 16:22

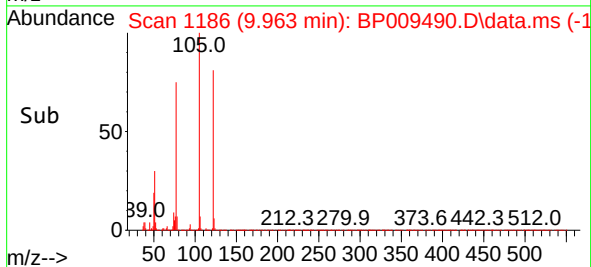
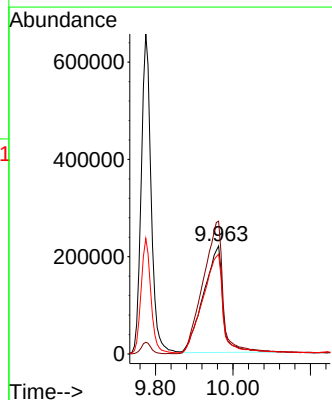
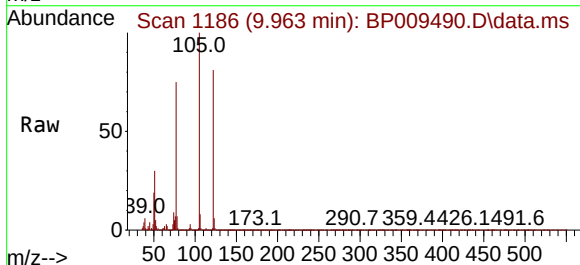
Instrument :  
BNA\_P  
ClientSampleId :  
MR-1MS

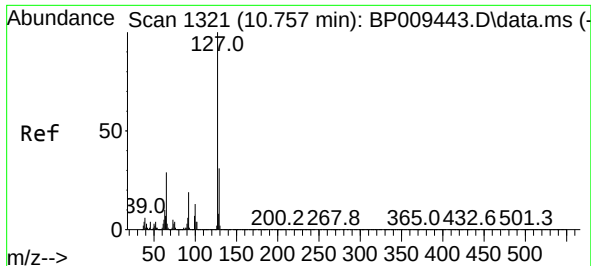
Tgt Ion:128 Resp: 3834057  
Ion Ratio Lower Upper  
128 100  
129 11.1 8.6 13.0  
127 13.2 10.5 15.7



#32  
Benzoic acid  
Concen: 54.481 ng  
RT: 9.963 min Scan# 1186  
Delta R.T. -0.006 min  
Lab File: BP009490.D  
Acq: 22 Mar 2022 16:22

Tgt Ion:122 Resp: 765846  
Ion Ratio Lower Upper  
122 100  
105 123.1 110.5 150.5  
77 92.5 79.9 119.9

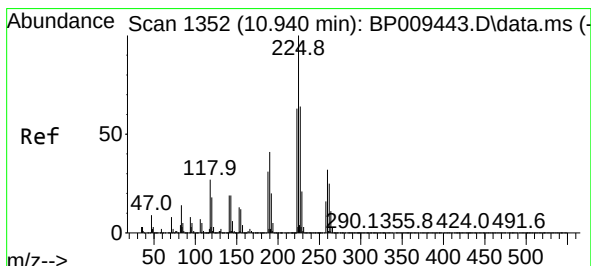
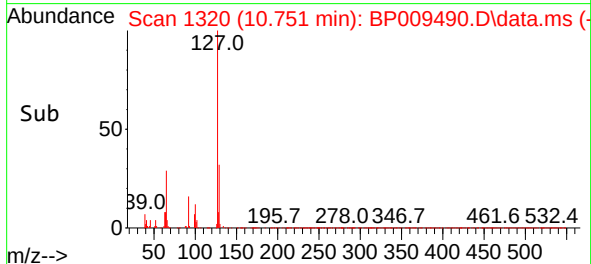
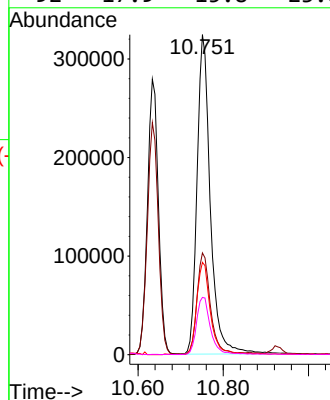
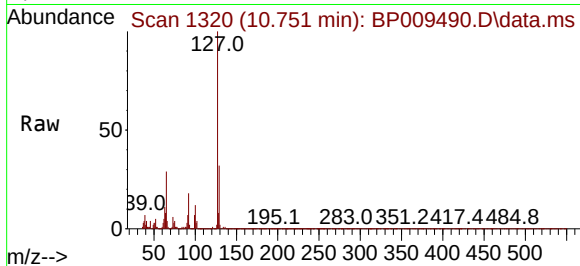




#33  
4-Chloroaniline  
Concen: 24.263 ng  
RT: 10.751 min Scan# 11  
Delta R.T. -0.006 min  
Lab File: BP009490.D  
Acq: 22 Mar 2022 16:22

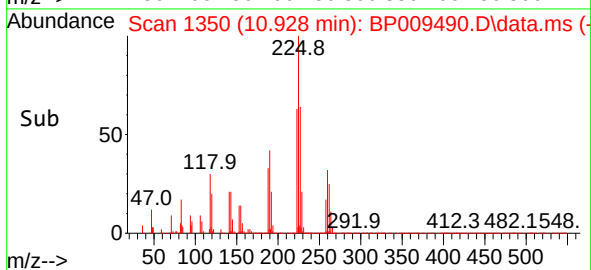
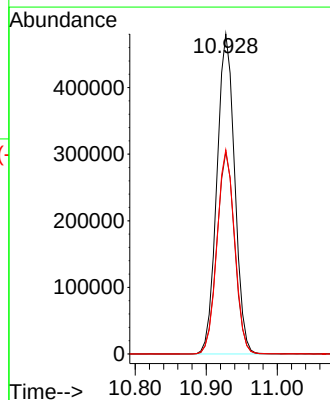
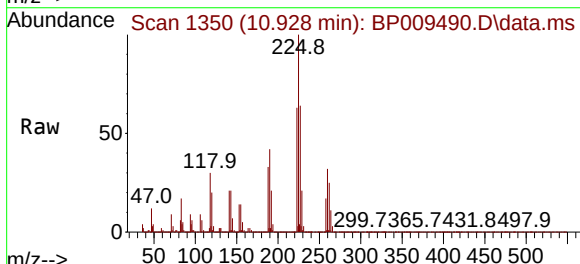
Instrument :  
BNA\_P  
ClientSampleId :  
MR-1MS

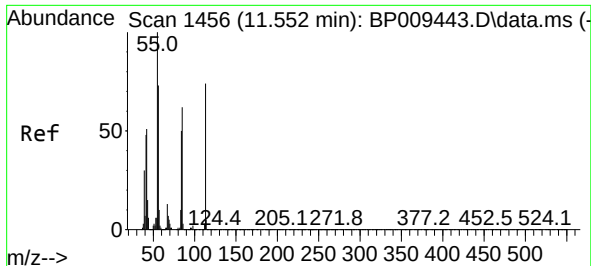
|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 127   | Resp: | 701315 |
| Ion      | Ratio | Lower | Upper  |
| 127      | 100   |       |        |
| 129      | 31.8  | 25.5  | 38.3   |
| 65       | 28.9  | 24.3  | 36.5   |
| 92       | 17.9  | 15.8  | 23.8   |



#34  
Hexachlorobutadiene  
Concen: 48.336 ng  
RT: 10.928 min Scan# 1350  
Delta R.T. -0.012 min  
Lab File: BP009490.D  
Acq: 22 Mar 2022 16:22

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 225   | Resp: | 832175 |
| Ion      | Ratio | Lower | Upper  |
| 225      | 100   |       |        |
| 223      | 63.1  | 50.5  | 75.7   |
| 227      | 63.8  | 51.2  | 76.8   |

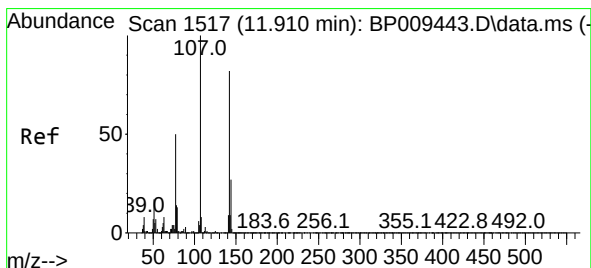
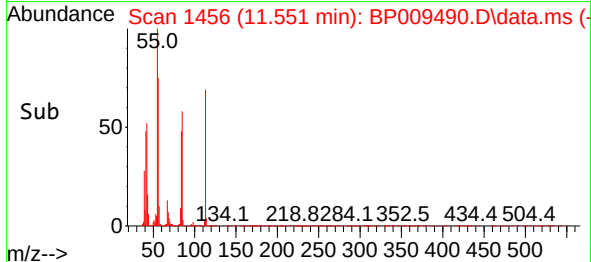
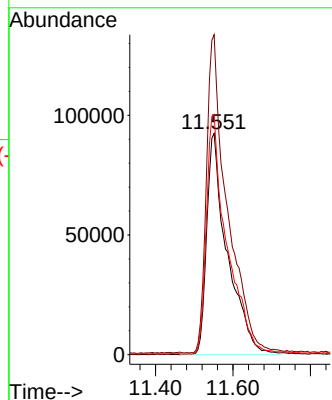
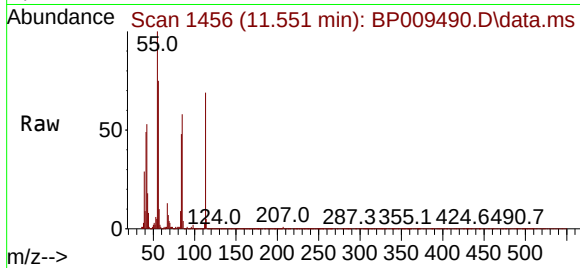




#35  
Caprolactam  
Concen: 45.943 ng  
RT: 11.551 min Scan# 1456  
Delta R.T. -0.000 min  
Lab File: BP009490.D  
Acq: 22 Mar 2022 16:22

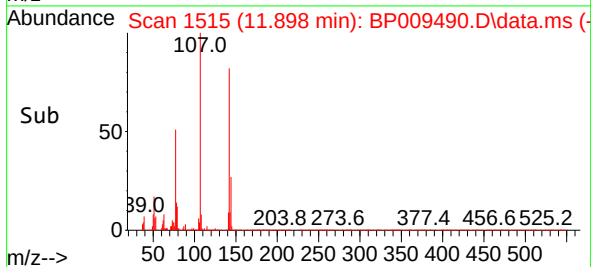
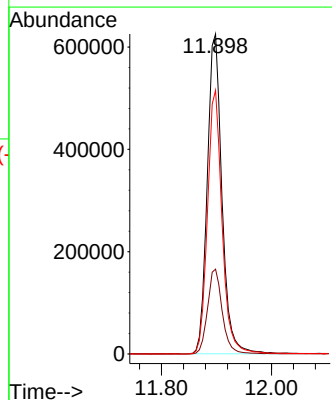
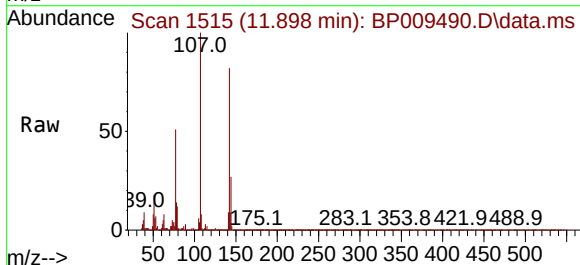
Instrument :  
BNA\_P  
ClientSampleId :  
MR-1MS

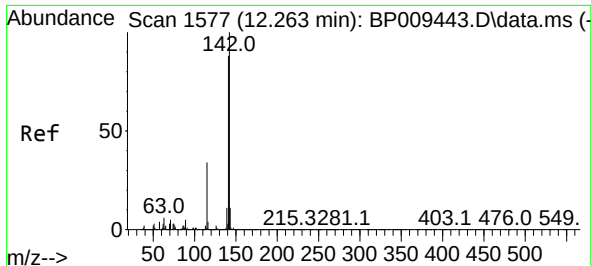
Tgt Ion:113 Resp: 340053  
Ion Ratio Lower Upper  
113 100  
55 144.6 128.4 168.4  
56 108.6 90.9 130.9



#36  
4-Chloro-3-methylphenol  
Concen: 49.211 ng  
RT: 11.898 min Scan# 1515  
Delta R.T. -0.012 min  
Lab File: BP009490.D  
Acq: 22 Mar 2022 16:22

Tgt Ion:107 Resp: 1159730  
Ion Ratio Lower Upper  
107 100  
144 26.5 21.0 31.4  
142 82.4 64.9 97.3

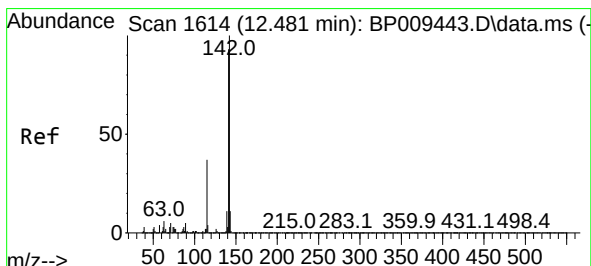
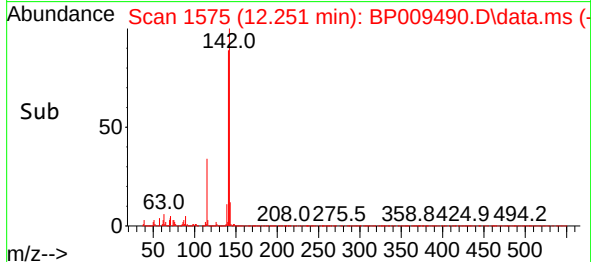
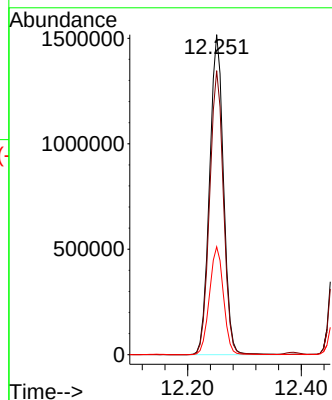
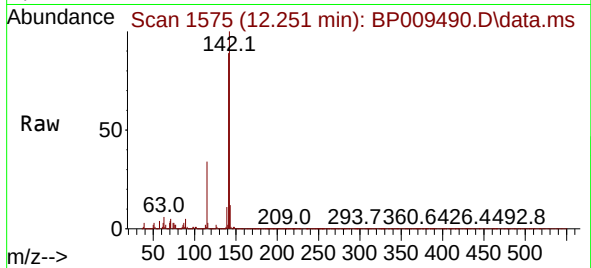




#37  
2-Methylnaphthalene  
Concen: 51.718 ng  
RT: 12.251 min Scan# 1575  
Delta R.T. -0.012 min  
Lab File: BP009490.D  
Acq: 22 Mar 2022 16:22

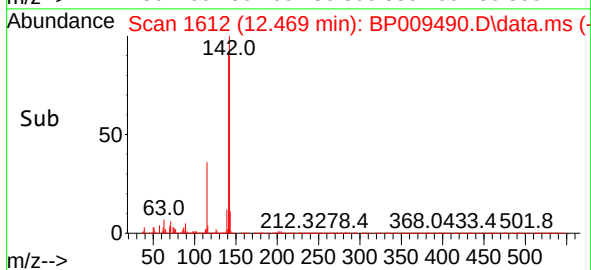
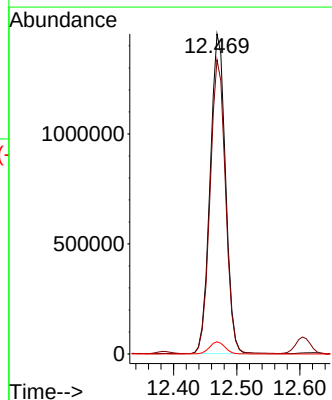
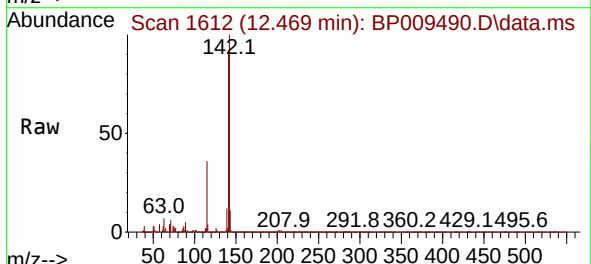
Instrument :  
BNA\_P  
ClientSampleId :  
MR-1MS

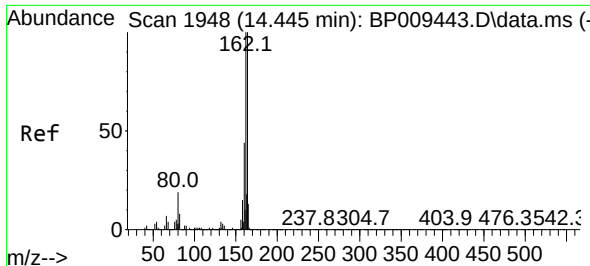
Tgt Ion:142 Resp: 2570366  
Ion Ratio Lower Upper  
142 100  
141 88.7 70.2 105.4  
115 33.7 27.4 41.2



#38  
1-Methylnaphthalene  
Concen: 50.771 ng  
RT: 12.469 min Scan# 1612  
Delta R.T. -0.012 min  
Lab File: BP009490.D  
Acq: 22 Mar 2022 16:22

Tgt Ion:142 Resp: 2458081  
Ion Ratio Lower Upper  
142 100  
141 92.0 73.5 110.3  
116 3.8 3.3 4.9

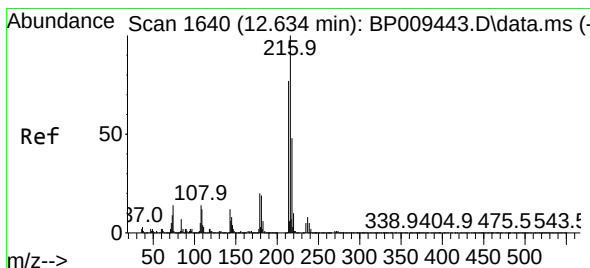
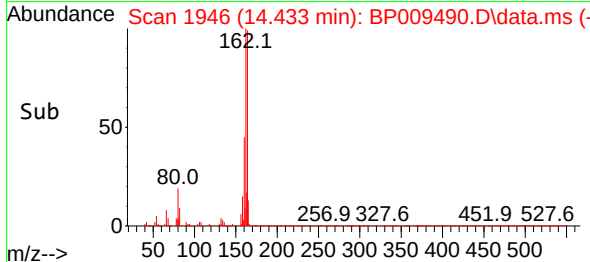
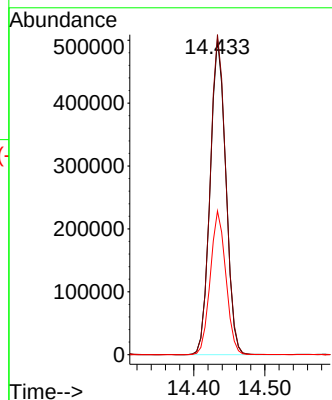
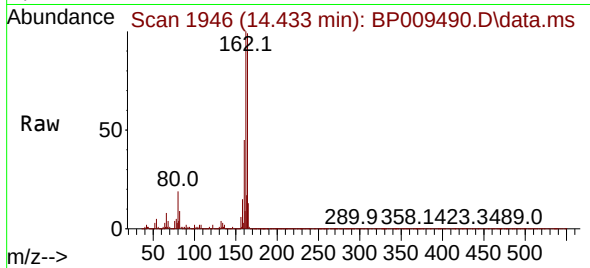




#39  
Acenaphthene-d10  
Concen: 20.000 ng  
RT: 14.433 min Scan# 1946  
Delta R.T. -0.012 min  
Lab File: BP009490.D  
Acq: 22 Mar 2022 16:22

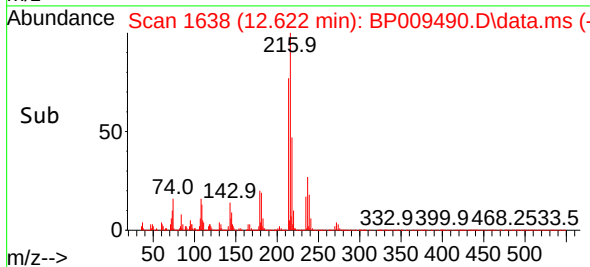
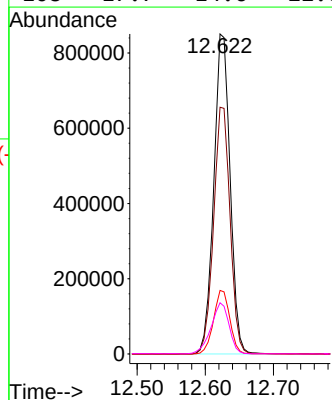
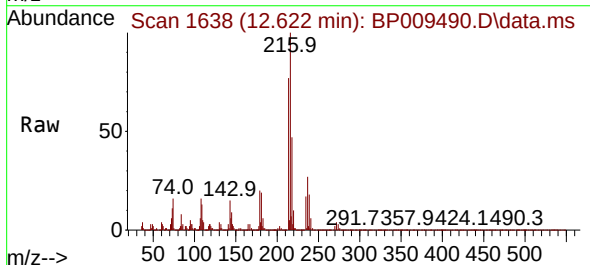
Instrument :  
BNA\_P  
ClientSampleId :  
MR-1MS

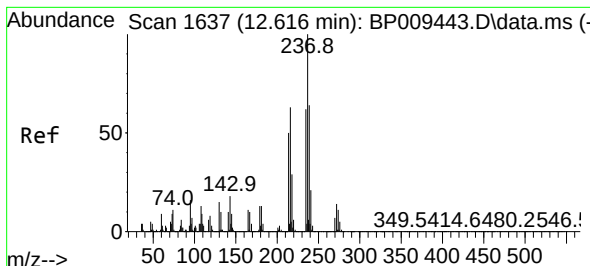
Tgt Ion:164 Resp: 768258  
Ion Ratio Lower Upper  
164 100  
162 101.3 79.1 118.7  
160 45.5 34.9 52.3



#40  
1,2,4,5-Tetrachlorobenzene  
Concen: 55.562 ng  
RT: 12.622 min Scan# 1638  
Delta R.T. -0.012 min  
Lab File: BP009490.D  
Acq: 22 Mar 2022 16:22

Tgt Ion:216 Resp: 1416267  
Ion Ratio Lower Upper  
216 100  
214 78.0 62.3 93.5  
179 19.9 16.8 25.2  
108 17.7 14.6 22.0





#41

Hexachlorocyclopentadiene

Concen: 98.902 ng

RT: 12.604 min Scan# 1

Delta R.T. -0.012 min

Lab File: BP009490.D

Acq: 22 Mar 2022 16:22

Instrument :

BNA\_P

ClientSampleId :

MR-1MS

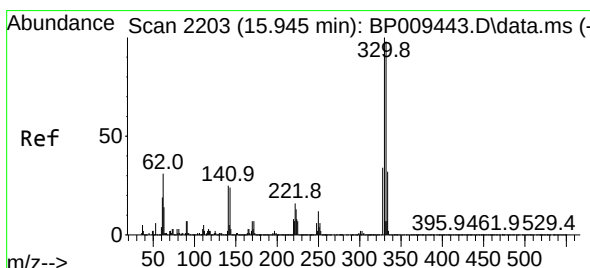
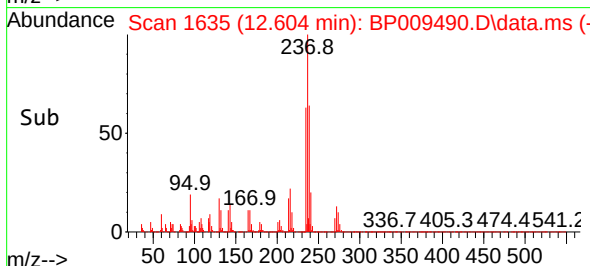
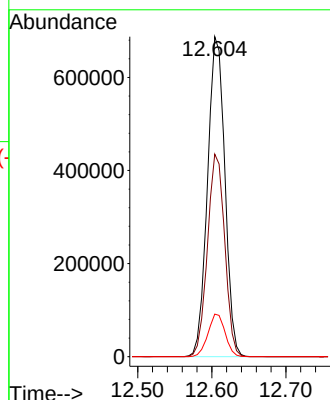
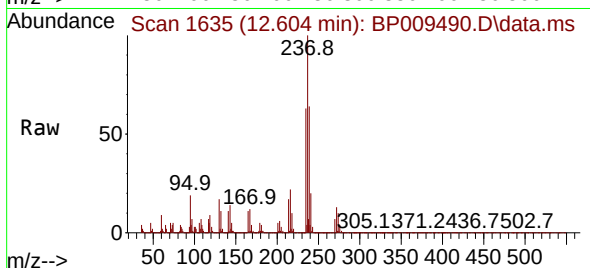
Tgt Ion:237 Resp: 1118403

Ion Ratio Lower Upper

237 100

235 63.3 42.6 82.6

272 13.3 0.0 32.8



#42

2,4,6-Tribromophenol

Concen: 125.163 ng

RT: 15.933 min Scan# 2201

Delta R.T. -0.012 min

Lab File: BP009490.D

Acq: 22 Mar 2022 16:22

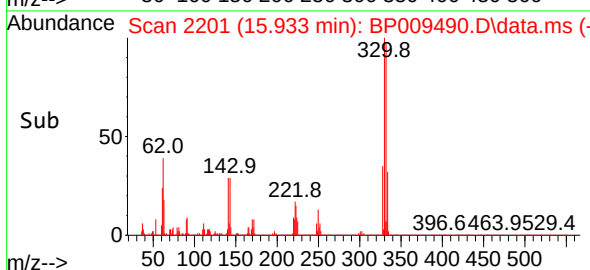
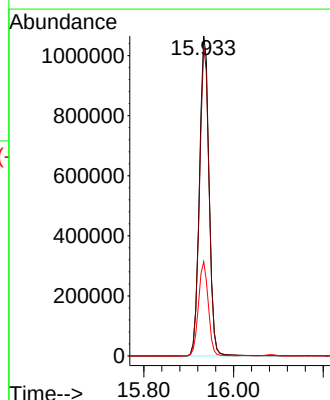
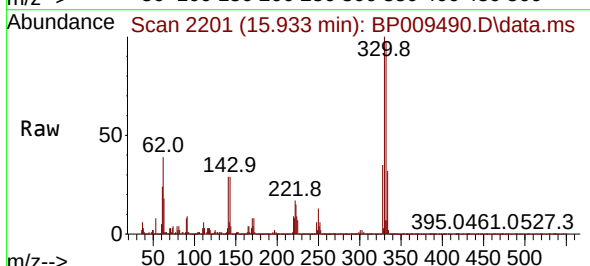
Tgt Ion:330 Resp: 1586766

Ion Ratio Lower Upper

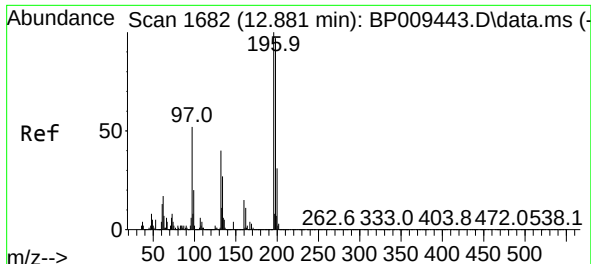
330 100

332 96.1 77.0 115.6

141 29.9 27.6 41.4



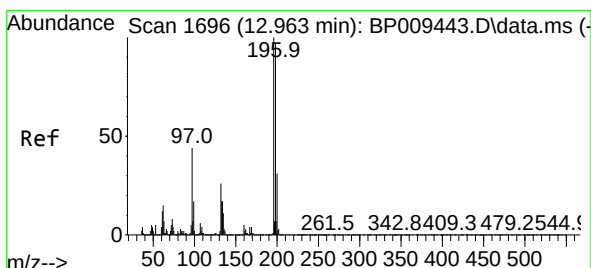
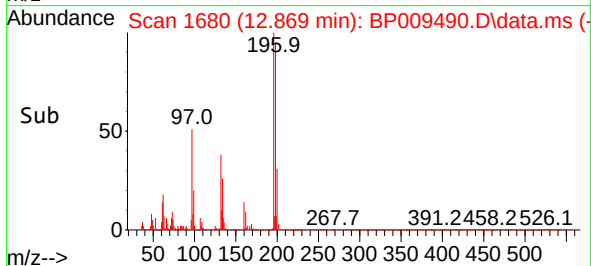
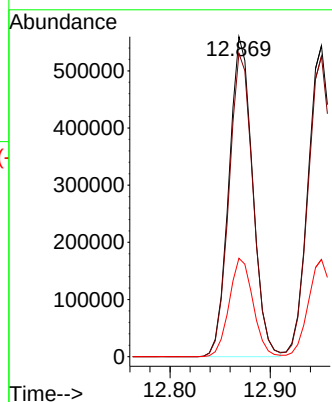
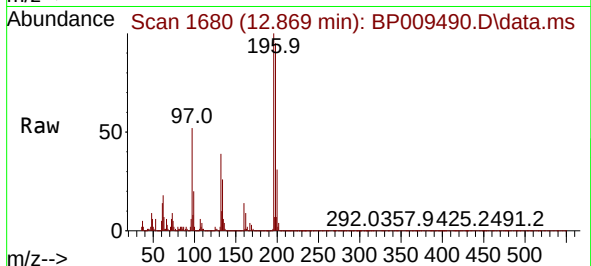




#43  
2,4,6-Trichlorophenol  
Concen: 54.210 ng  
RT: 12.869 min Scan# 1680  
Delta R.T. -0.012 min  
Lab File: BP009490.D  
Acq: 22 Mar 2022 16:22

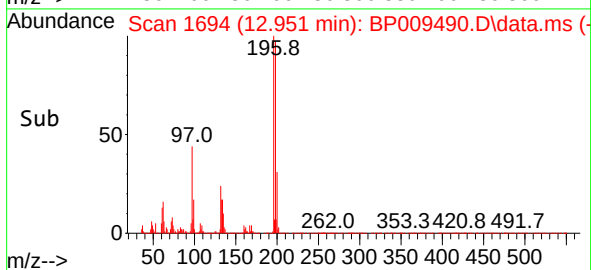
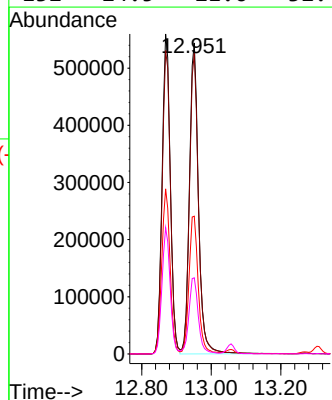
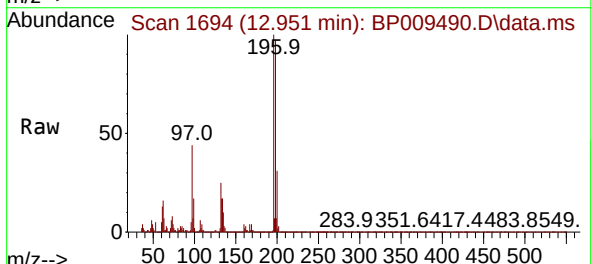
Instrument :  
BNA\_P  
ClientSampleId :  
MR-1MS

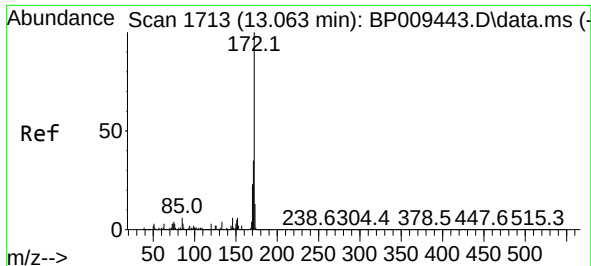
Tgt Ion:196 Resp: 915892  
Ion Ratio Lower Upper  
196 100  
198 94.8 76.2 114.4  
200 30.8 24.4 36.6



#44  
2,4,5-Trichlorophenol  
Concen: 53.515 ng  
RT: 12.951 min Scan# 1694  
Delta R.T. -0.012 min  
Lab File: BP009490.D  
Acq: 22 Mar 2022 16:22

Tgt Ion:196 Resp: 981845  
Ion Ratio Lower Upper  
196 100  
198 96.6 76.6 114.8  
97 44.3 38.3 57.5  
132 24.5 21.6 32.4

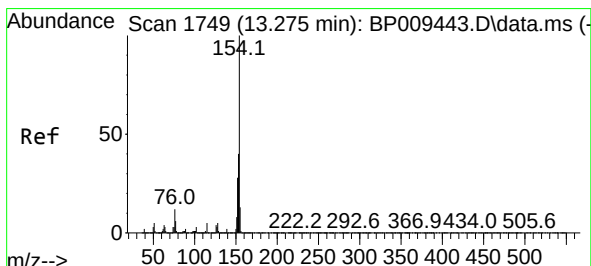
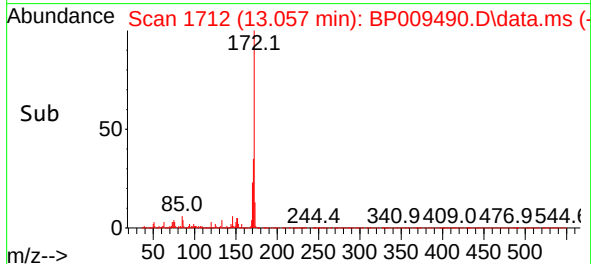
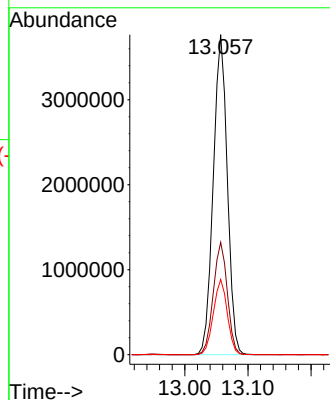
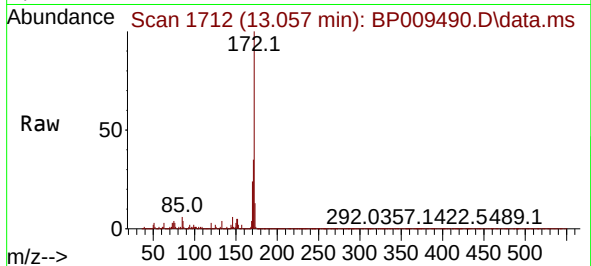




#45  
2-Fluorobiphenyl  
Concen: 104.794 ng  
RT: 13.057 min Scan# 1712  
Delta R.T. -0.006 min  
Lab File: BP009490.D  
Acq: 22 Mar 2022 16:22

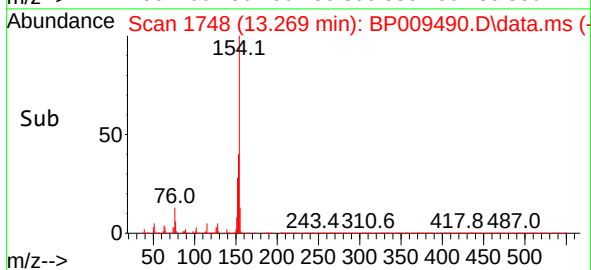
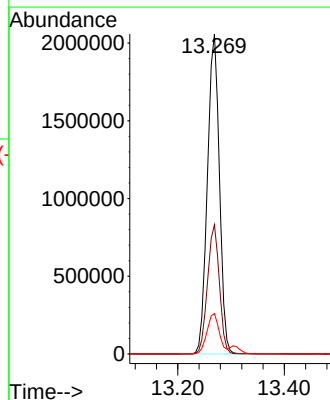
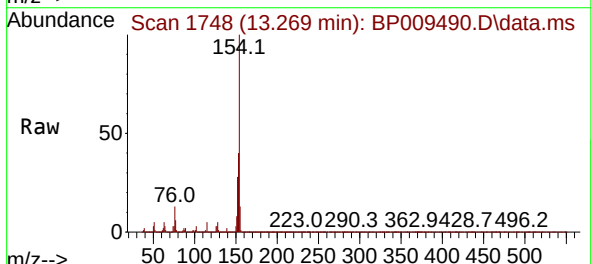
Instrument :  
BNA\_P  
ClientSampleId :  
MR-1MS

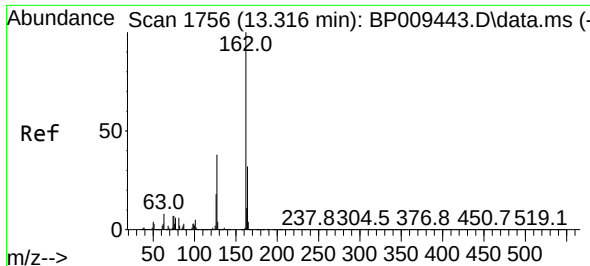
Tgt Ion:172 Resp: 5807486  
Ion Ratio Lower Upper  
172 100  
171 35.1 28.0 42.0  
170 23.5 18.6 27.8



#46  
1,1'-Biphenyl  
Concen: 56.113 ng  
RT: 13.269 min Scan# 1748  
Delta R.T. -0.006 min  
Lab File: BP009490.D  
Acq: 22 Mar 2022 16:22

Tgt Ion:154 Resp: 3215974  
Ion Ratio Lower Upper  
154 100  
153 40.4 20.2 60.2  
76 12.6 0.0 34.0

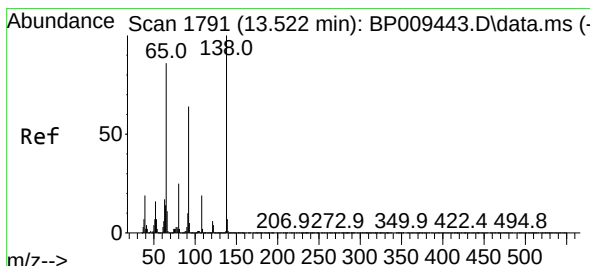
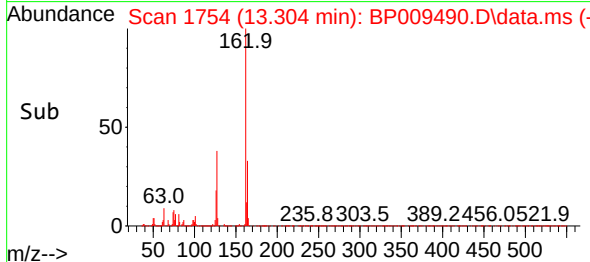
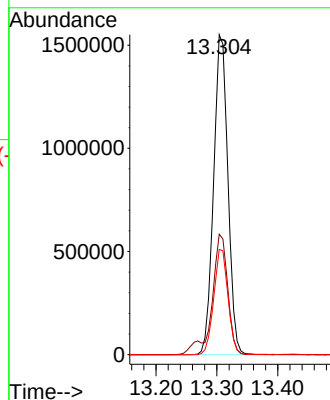
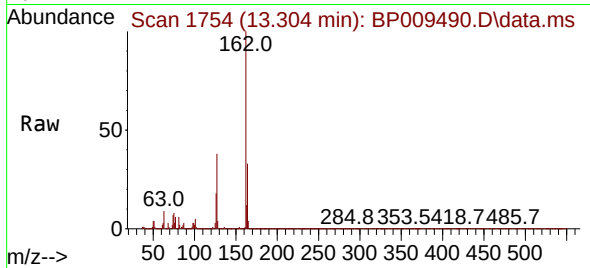




#47  
2-Chloronaphthalene  
Concen: 56.019 ng  
RT: 13.304 min Scan# 1754  
Delta R.T. -0.012 min  
Lab File: BP009490.D  
Acq: 22 Mar 2022 16:22

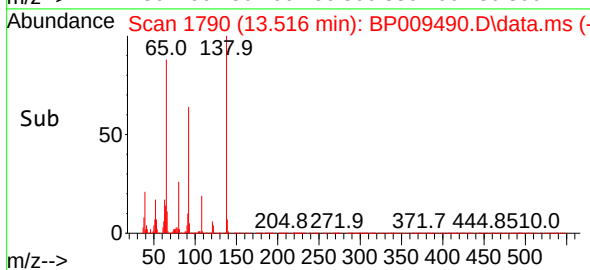
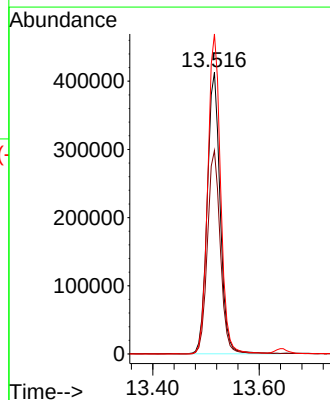
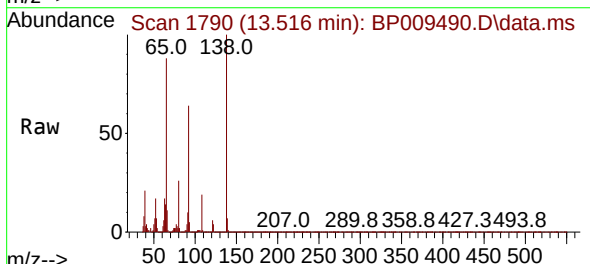
Instrument :  
BNA\_P  
ClientSampleId :  
MR-1MS

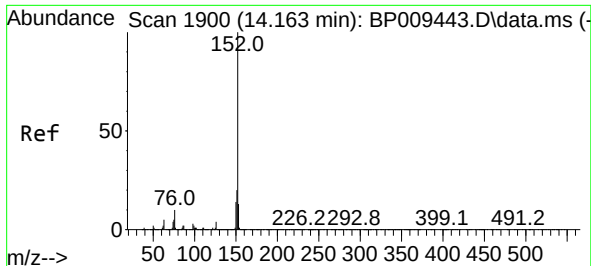
Tgt Ion:162 Resp: 2527736  
Ion Ratio Lower Upper  
162 100  
127 37.6 30.8 46.2  
164 32.9 26.3 39.5



#48  
2-Nitroaniline  
Concen: 56.501 ng  
RT: 13.516 min Scan# 1790  
Delta R.T. -0.006 min  
Lab File: BP009490.D  
Acq: 22 Mar 2022 16:22

Tgt Ion: 65 Resp: 694372  
Ion Ratio Lower Upper  
65 100  
92 72.2 56.9 85.3  
138 113.6 89.3 133.9

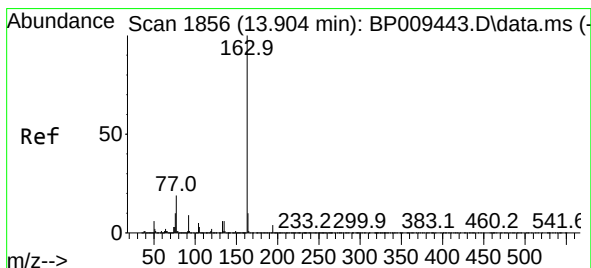
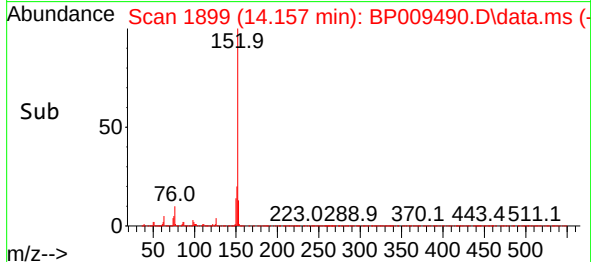
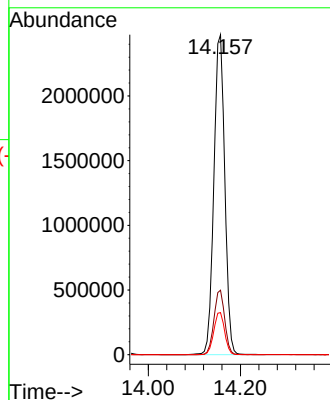
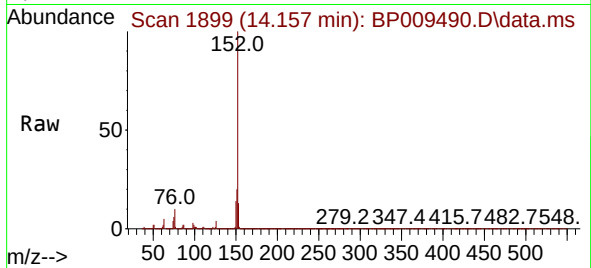




#49  
Acenaphthylene  
Concen: 58.297 ng  
RT: 14.157 min Scan# 1899  
Delta R.T. -0.006 min  
Lab File: BP009490.D  
Acq: 22 Mar 2022 16:22

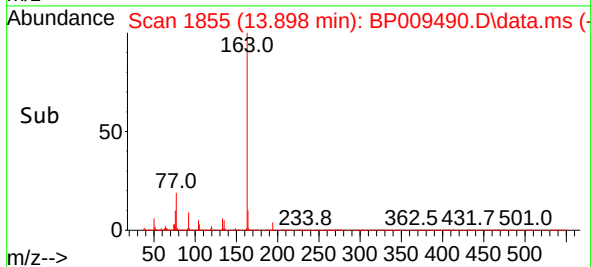
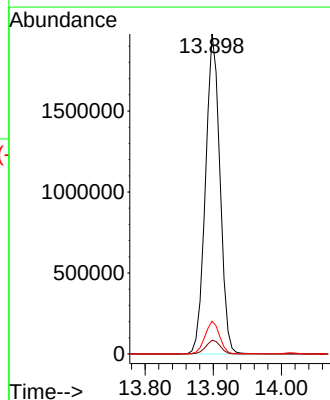
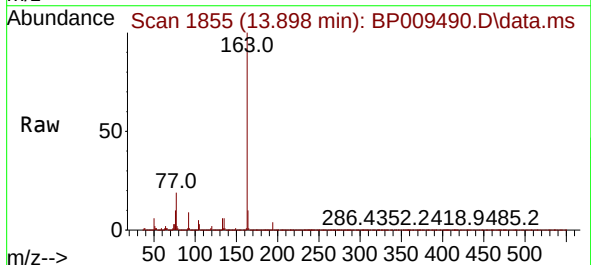
Instrument :  
BNA\_P  
ClientSampleId :  
MR-1MS

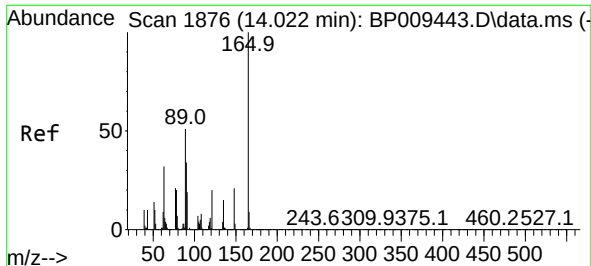
Tgt Ion:152 Resp: 4060787  
Ion Ratio Lower Upper  
152 100  
151 20.1 15.9 23.9  
153 13.2 10.7 16.1



#50  
Dimethylphthalate  
Concen: 50.053 ng  
RT: 13.898 min Scan# 1855  
Delta R.T. -0.006 min  
Lab File: BP009490.D  
Acq: 22 Mar 2022 16:22

Tgt Ion:163 Resp: 2913711  
Ion Ratio Lower Upper  
163 100  
194 4.3 3.4 5.0  
164 10.3 8.2 12.2

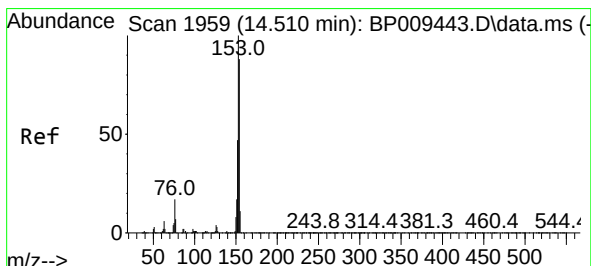
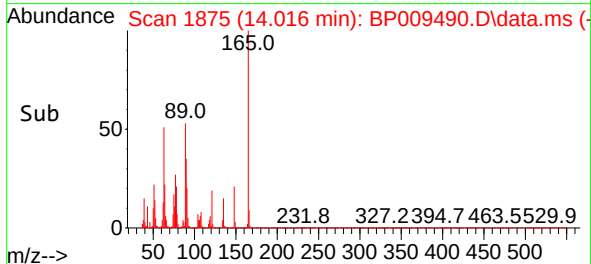
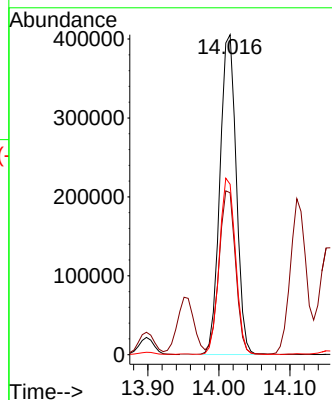
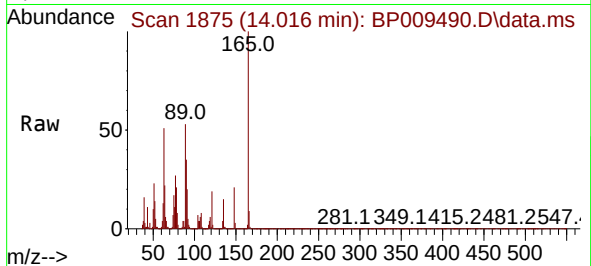




#51  
2,6-Dinitrotoluene  
Concen: 52.882 ng  
RT: 14.016 min Scan# 1875  
Delta R.T. -0.006 min  
Lab File: BP009490.D  
Acq: 22 Mar 2022 16:22

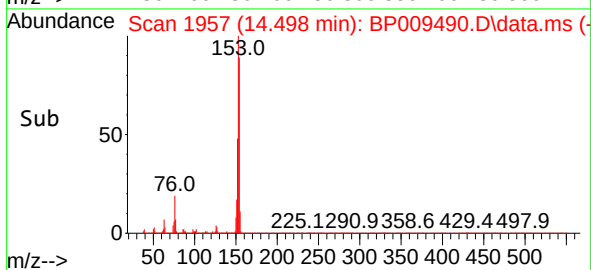
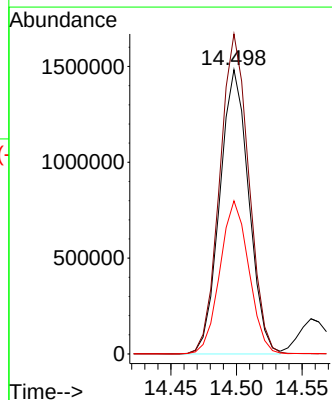
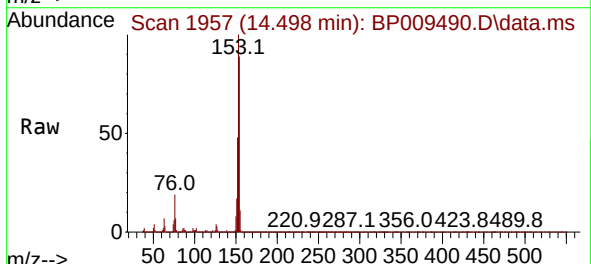
Instrument :  
BNA\_P  
ClientSampleId :  
MR-1MS

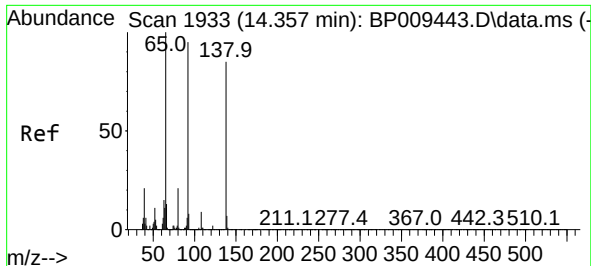
Tgt Ion:165 Resp: 644998  
Ion Ratio Lower Upper  
165 100  
63 50.6 40.9 61.3  
89 53.3 43.4 65.2



#52  
Acenaphthene  
Concen: 54.771 ng  
RT: 14.498 min Scan# 1957  
Delta R.T. -0.012 min  
Lab File: BP009490.D  
Acq: 22 Mar 2022 16:22

Tgt Ion:154 Resp: 2279025  
Ion Ratio Lower Upper  
154 100  
153 112.5 90.2 135.4  
152 53.9 42.7 64.1

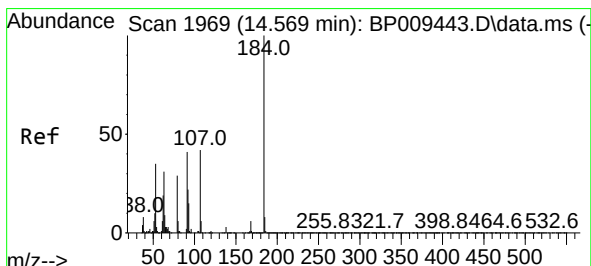
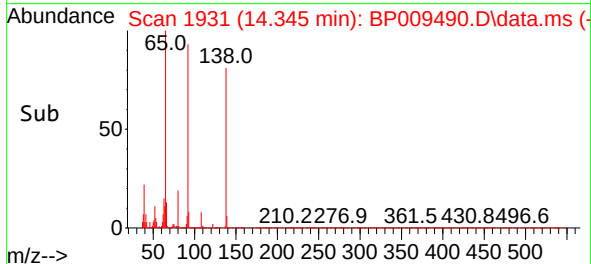
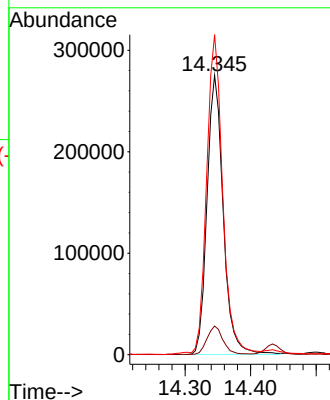
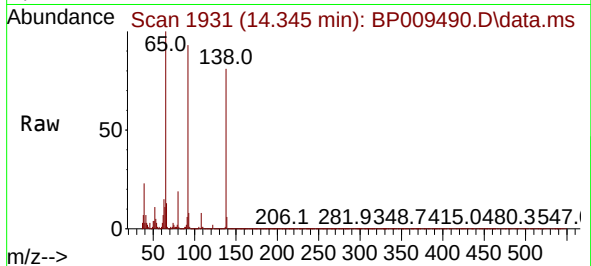




#53  
3-Nitroaniline  
Concen: 36.727 ng  
RT: 14.345 min Scan# 1931  
Delta R.T. -0.012 min  
Lab File: BP009490.D  
Acq: 22 Mar 2022 16:22

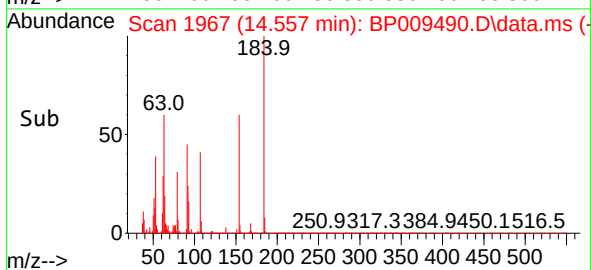
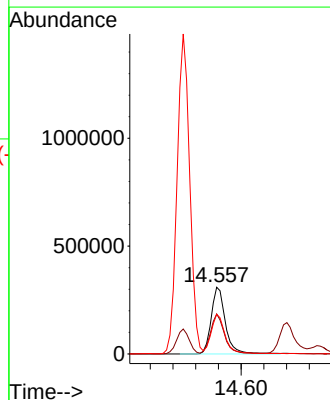
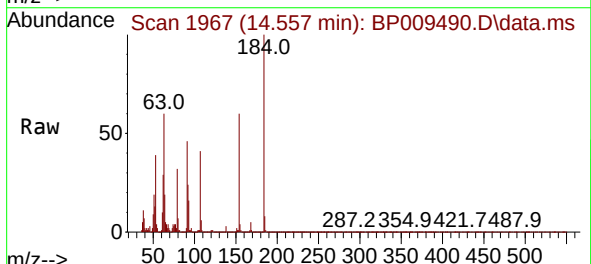
Instrument :  
BNA\_P  
ClientSampleId :  
MR-1MS

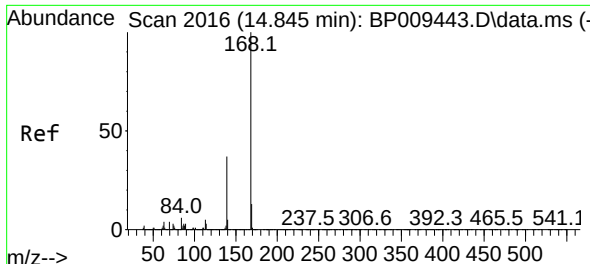
Tgt Ion:138 Resp: 473152  
Ion Ratio Lower Upper  
138 100  
108 10.2 9.7 14.5  
92 114.6 94.4 141.6



#54  
2,4-Dinitrophenol  
Concen: 71.202 ng  
RT: 14.557 min Scan# 1967  
Delta R.T. -0.012 min  
Lab File: BP009490.D  
Acq: 22 Mar 2022 16:22

Tgt Ion:184 Resp: 535633  
Ion Ratio Lower Upper  
184 100  
63 60.0 46.3 69.5  
154 59.6 45.8 68.6

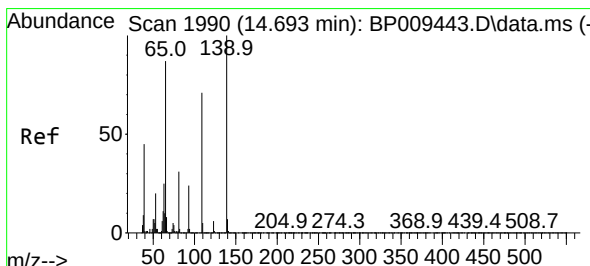
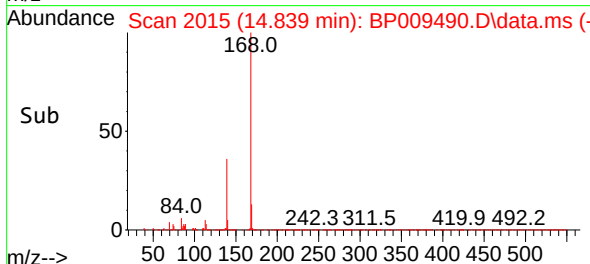
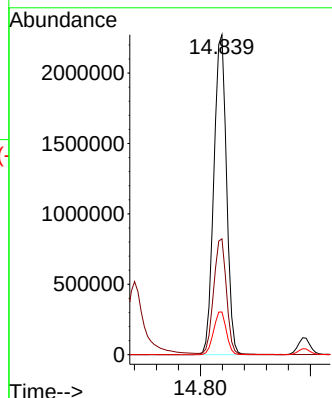
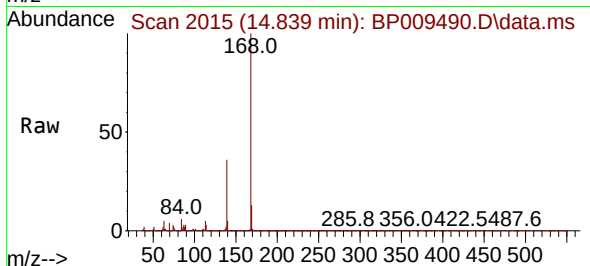




#55  
Dibenzenofuran  
Concen: 51.990 ng  
RT: 14.839 min Scan# 20  
Delta R.T. -0.006 min  
Lab File: BP009490.D  
Acq: 22 Mar 2022 16:22

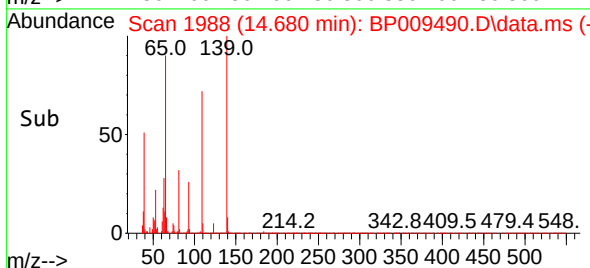
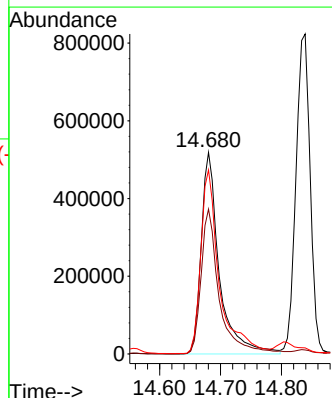
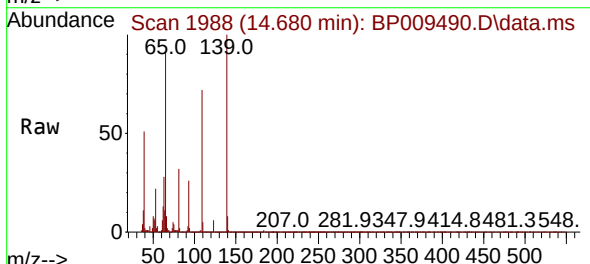
Instrument :  
BNA\_P  
ClientSampleId :  
MR-1MS

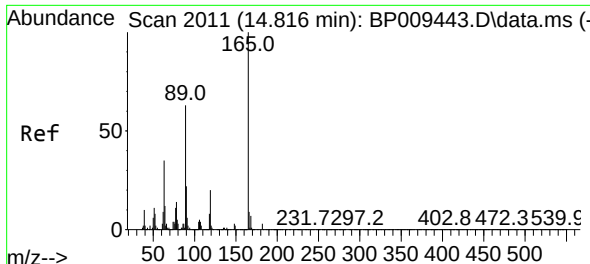
Tgt Ion:168 Resp: 3634342  
Ion Ratio Lower Upper  
168 100  
139 36.2 29.1 43.7  
169 13.4 10.6 16.0



#56  
4-Nitrophenol  
Concen: 111.253 ng  
RT: 14.680 min Scan# 1988  
Delta R.T. -0.012 min  
Lab File: BP009490.D  
Acq: 22 Mar 2022 16:22

Tgt Ion:139 Resp: 1068358  
Ion Ratio Lower Upper  
139 100  
109 71.8 51.2 91.2  
65 91.3 73.2 113.2

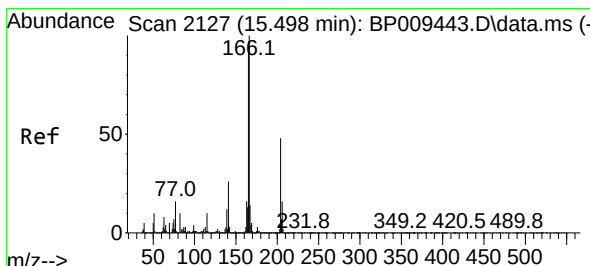
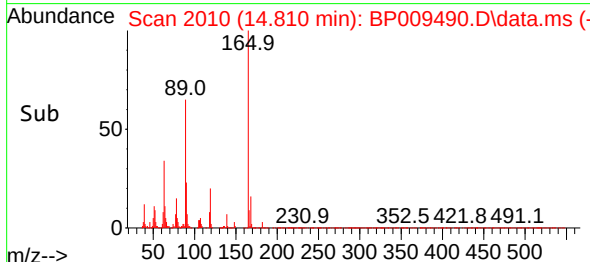
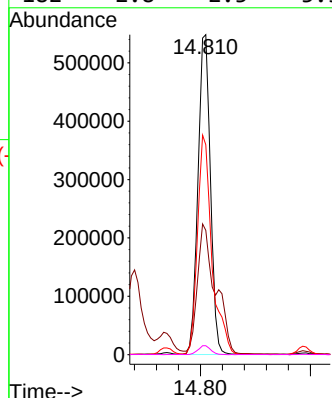
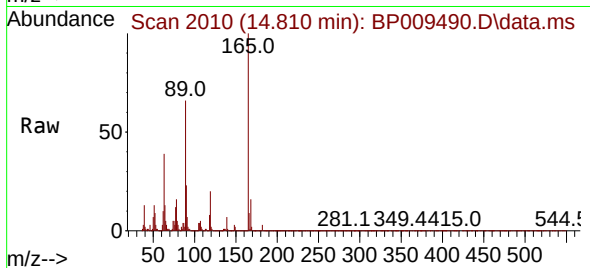




#57  
2,4-Dinitrotoluene  
Concen: 51.394 ng  
RT: 14.810 min Scan# 2011  
Delta R.T. -0.006 min  
Lab File: BP009490.D  
Acq: 22 Mar 2022 16:22

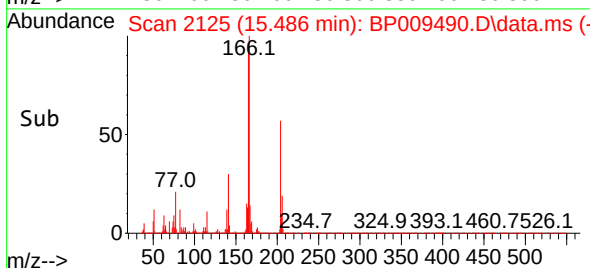
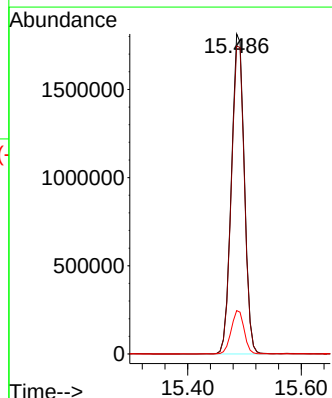
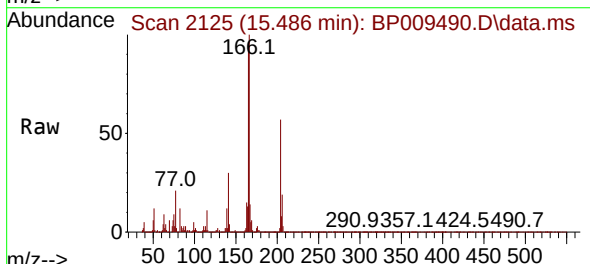
Instrument :  
BNA\_P  
ClientSampleId :  
MR-1MS

Tgt Ion:165 Resp: 861916  
Ion Ratio Lower Upper  
165 100  
63 38.8 31.4 47.2  
89 65.6 55.9 83.9  
182 2.8 2.3 3.5

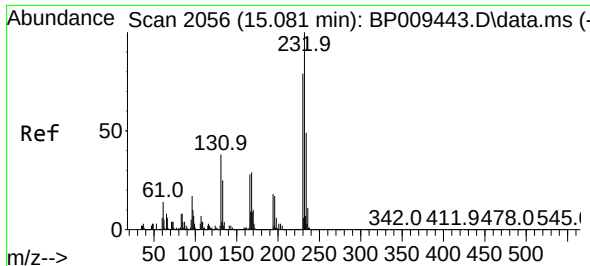


#58  
Fluorene  
Concen: 51.962 ng  
RT: 15.486 min Scan# 2125  
Delta R.T. -0.012 min  
Lab File: BP009490.D  
Acq: 22 Mar 2022 16:22

Tgt Ion:166 Resp: 2856750  
Ion Ratio Lower Upper  
166 100  
165 96.3 79.2 118.8  
167 13.5 10.7 16.1



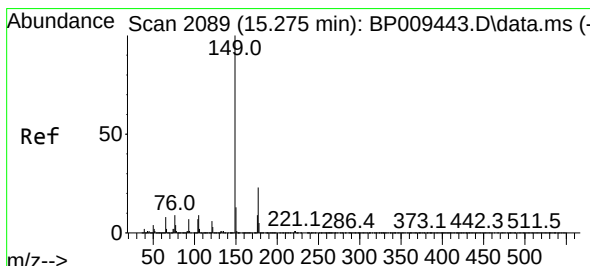
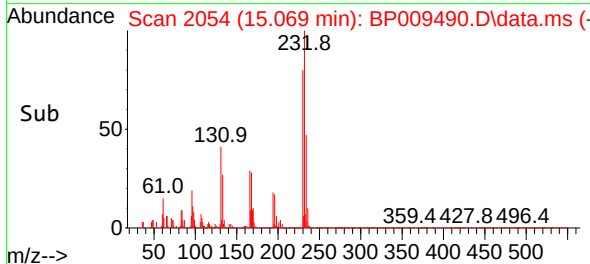
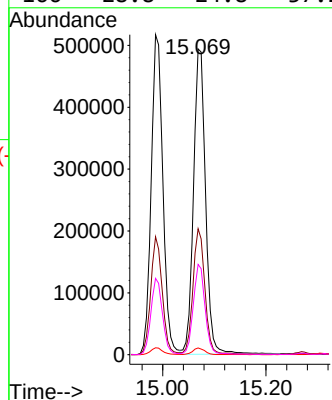
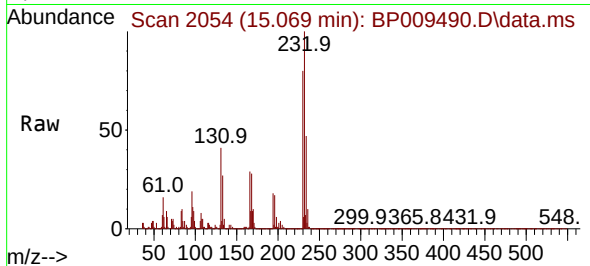




#59  
2,3,4,6-Tetrachlorophenol  
Concen: 48.349 ng  
RT: 15.069 min Scan# 2054  
Delta R.T. -0.012 min  
Lab File: BP009490.D  
Acq: 22 Mar 2022 16:22

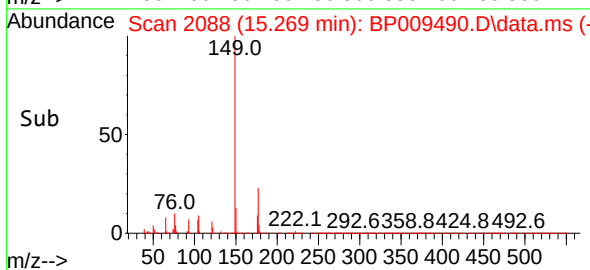
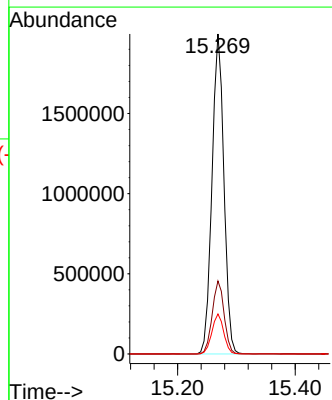
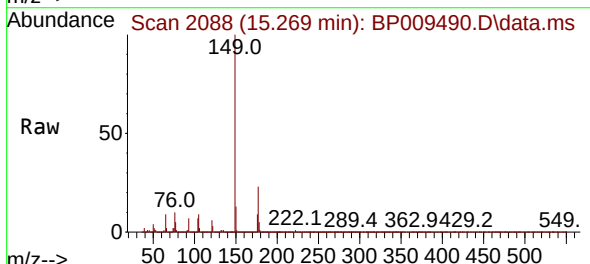
Instrument :  
BNA\_P  
ClientSampleId :  
MR-1MS

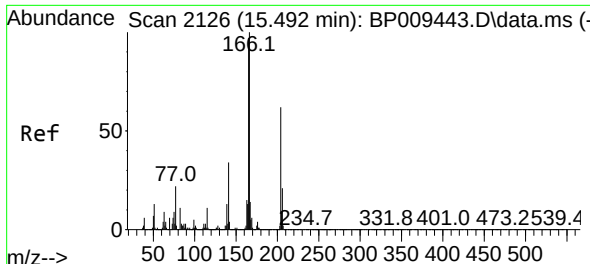
Tgt Ion:232 Resp: 804192  
Ion Ratio Lower Upper  
232 100  
131 40.1 35.5 53.3  
130 2.1 1.8 2.8  
166 28.8 24.8 37.2



#60  
Diethylphthalate  
Concen: 48.129 ng  
RT: 15.269 min Scan# 2088  
Delta R.T. -0.006 min  
Lab File: BP009490.D  
Acq: 22 Mar 2022 16:22

Tgt Ion:149 Resp: 2804105  
Ion Ratio Lower Upper  
149 100  
177 22.8 18.2 27.2  
150 12.5 9.9 14.9

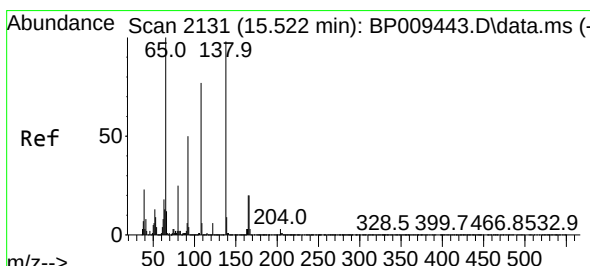
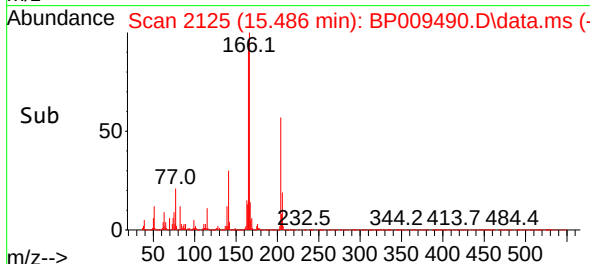
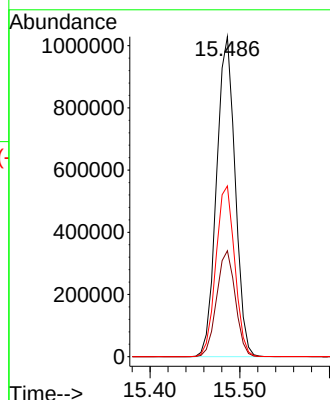
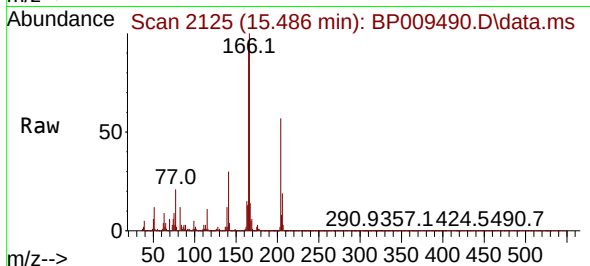




#61  
4-Chlorophenyl-phenylether  
Concen: 48.807 ng  
RT: 15.486 min Scan# 2126  
Delta R.T. -0.006 min  
Lab File: BP009490.D  
Acq: 22 Mar 2022 16:22

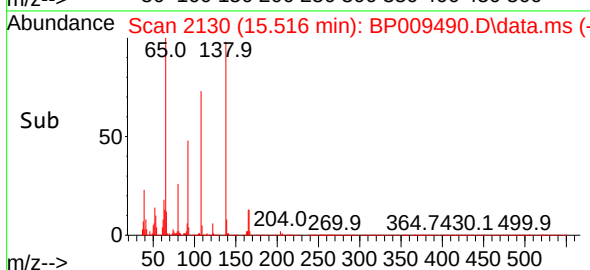
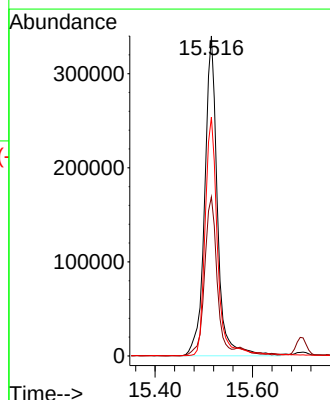
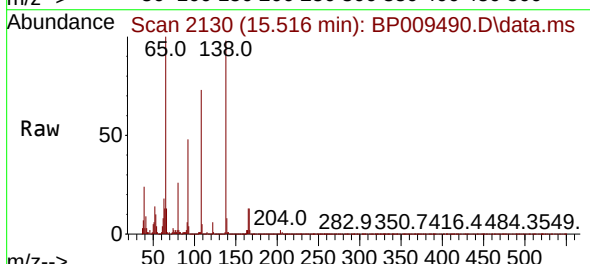
Instrument :  
BNA\_P  
ClientSampleId :  
MR-1MS

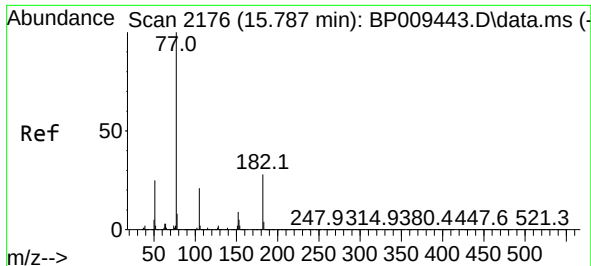
Tgt Ion:204 Resp: 1478134  
Ion Ratio Lower Upper  
204 100  
206 33.1 26.0 39.0  
141 53.3 45.9 68.9



#62  
4-Nitroaniline  
Concen: 45.678 ng  
RT: 15.516 min Scan# 2130  
Delta R.T. -0.006 min  
Lab File: BP009490.D  
Acq: 22 Mar 2022 16:22

Tgt Ion:138 Resp: 618004  
Ion Ratio Lower Upper  
138 100  
92 49.7 31.2 71.2  
108 74.6 54.3 94.3



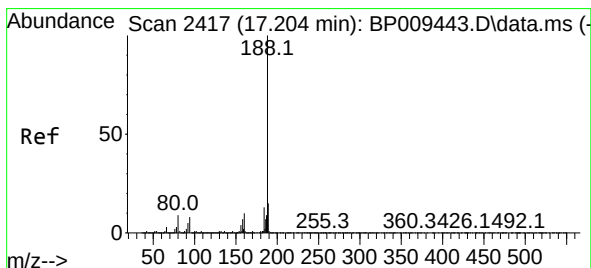
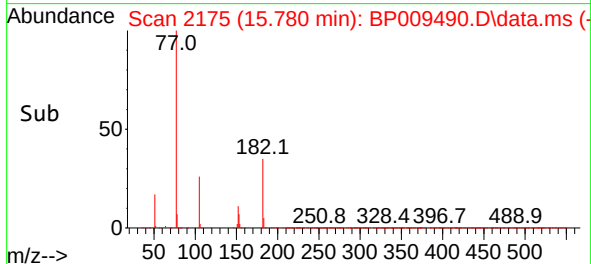
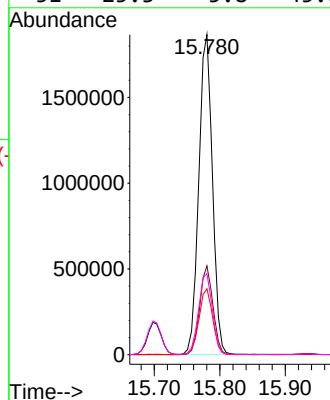
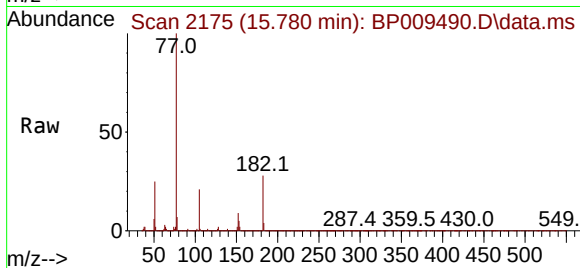


#63  
Azobenzene  
Concen: 53.219 ng  
RT: 15.780 min Scan# 2175  
Delta R.T. -0.006 min  
Lab File: BP009490.D  
Acq: 22 Mar 2022 16:22

Instrument :  
BNA\_P  
ClientSampleId :  
MR-1MS

Tgt Ion: 77 Resp: 2697258

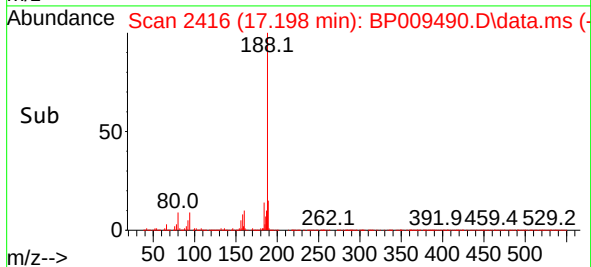
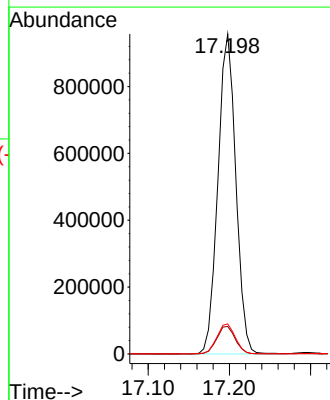
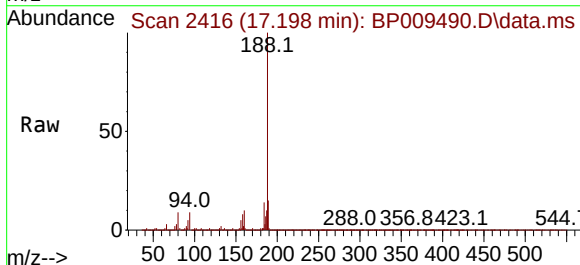
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 77  | 100   |       |       |
| 182 | 27.7  | 5.4   | 45.4  |
| 105 | 20.6  | 0.3   | 40.3  |
| 51  | 25.3  | 5.8   | 45.8  |

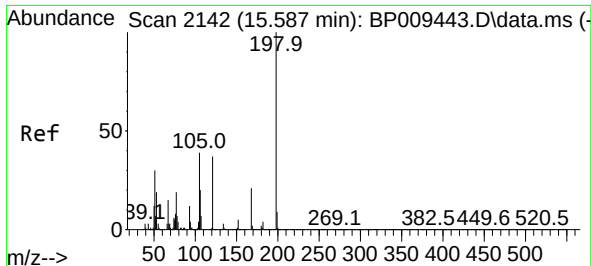


#64  
Phenanthrene-d10  
Concen: 20.000 ng  
RT: 17.198 min Scan# 2416  
Delta R.T. -0.006 min  
Lab File: BP009490.D  
Acq: 22 Mar 2022 16:22

Tgt Ion:188 Resp: 1469344

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 188 | 100   |       |       |
| 94  | 8.6   | 7.9   | 11.9  |
| 80  | 9.4   | 8.8   | 13.2  |

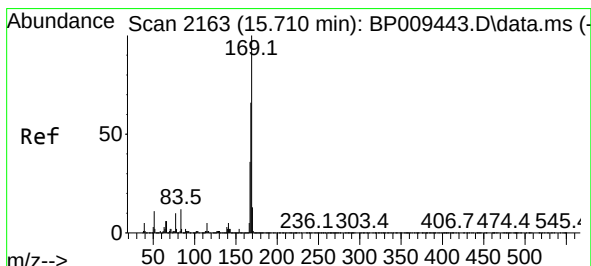
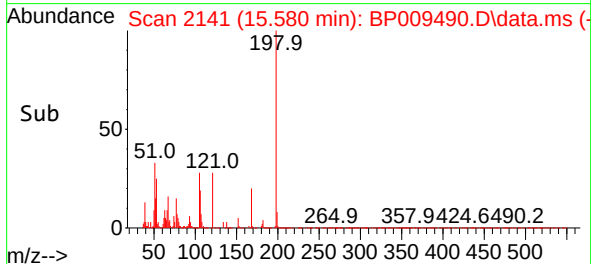
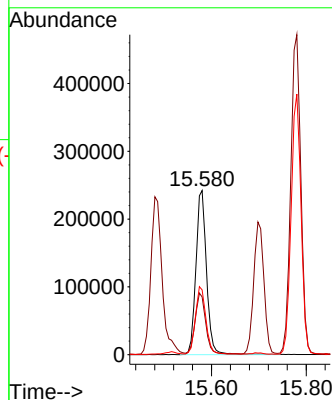
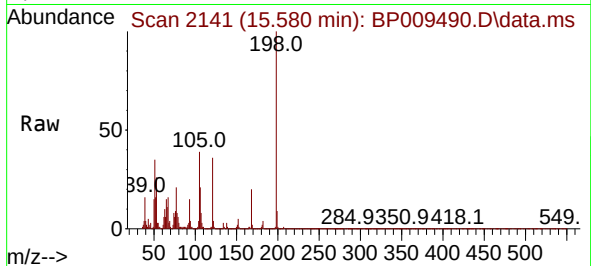




#65  
4,6-Dinitro-2-methylphenol  
Concen: 39.803 ng  
RT: 15.580 min Scan# 2142  
Delta R.T. -0.006 min  
Lab File: BP009490.D  
Acq: 22 Mar 2022 16:22

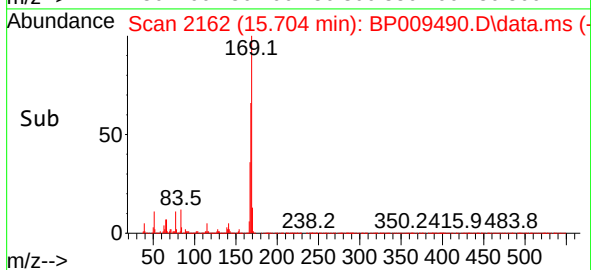
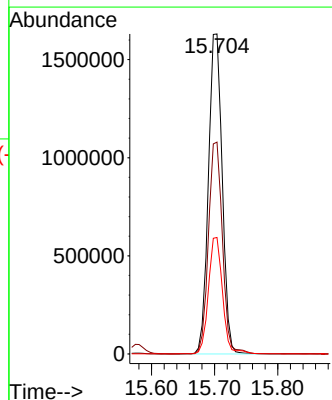
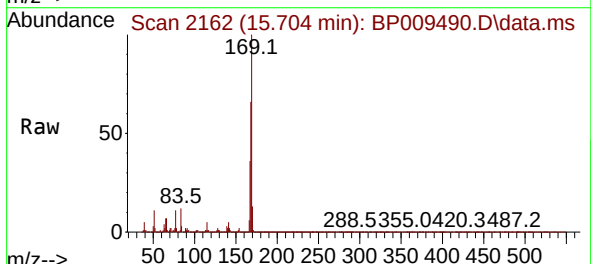
Instrument :  
BNA\_P  
ClientSampleId :  
MR-1MS

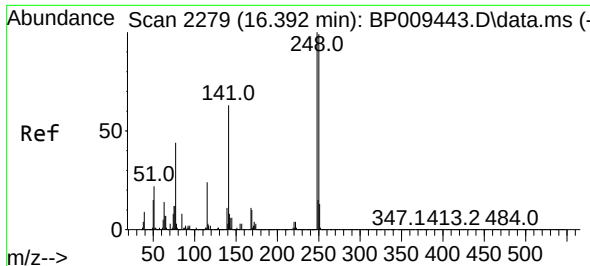
Tgt Ion:198 Resp: 376068  
Ion Ratio Lower Upper  
198 100  
51 35.2 17.7 57.7  
105 39.5 23.2 63.2



#66  
n-Nitrosodiphenylamine  
Concen: 56.956 ng  
RT: 15.704 min Scan# 2162  
Delta R.T. -0.006 min  
Lab File: BP009490.D  
Acq: 22 Mar 2022 16:22

Tgt Ion:169 Resp: 2476582  
Ion Ratio Lower Upper  
169 100  
168 66.2 51.6 77.4  
167 36.4 29.0 43.4

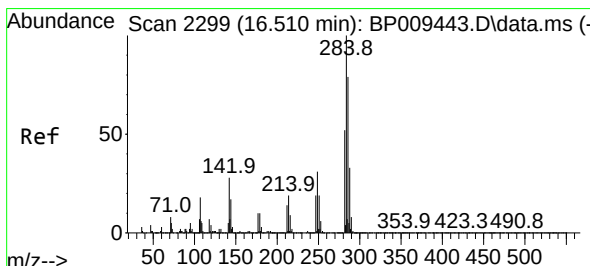
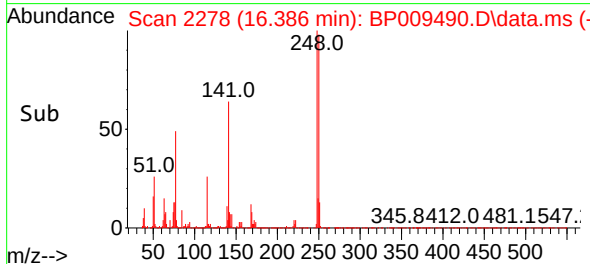
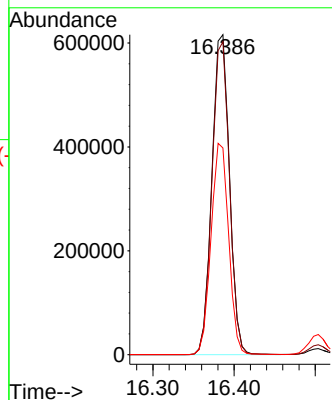
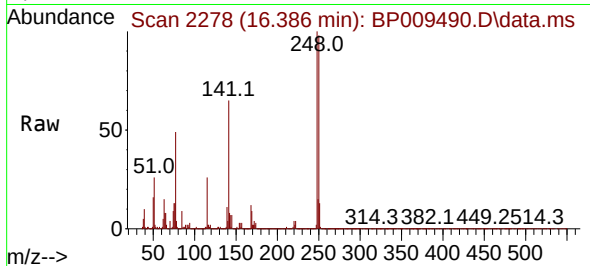




#67  
4-Bromophenyl-phenylether  
Concen: 51.528 ng  
RT: 16.386 min Scan# 21  
Delta R.T. -0.006 min  
Lab File: BP009490.D  
Acq: 22 Mar 2022 16:22

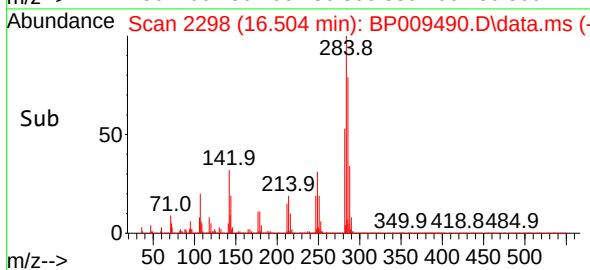
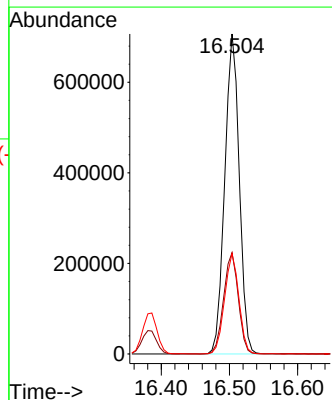
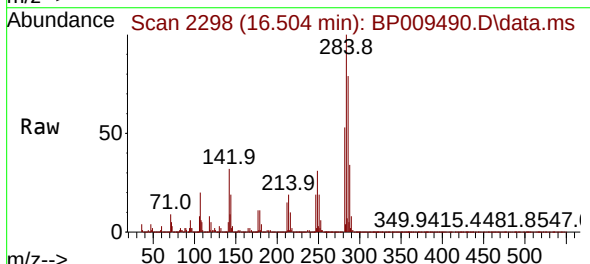
Instrument :  
BNA\_P  
ClientSampleId :  
MR-1MS

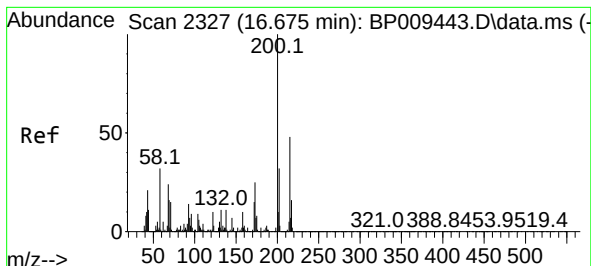
Tgt Ion:248 Resp: 926464  
Ion Ratio Lower Upper  
248 100  
250 97.8 77.7 116.5  
141 64.6 58.3 87.5



#68  
Hexachlorobenzene  
Concen: 50.647 ng  
RT: 16.504 min Scan# 2298  
Delta R.T. -0.006 min  
Lab File: BP009490.D  
Acq: 22 Mar 2022 16:22

Tgt Ion:284 Resp: 1048034  
Ion Ratio Lower Upper  
284 100  
142 31.7 26.8 40.2  
249 31.4 24.6 37.0





#69

Atrazine

Concen: 56.317 ng

RT: 16.668 min Scan# 21

Delta R.T. -0.006 min

Lab File: BP009490.D

Acq: 22 Mar 2022 16:22

Instrument :

BNA\_P

ClientSampleId :

MR-1MS

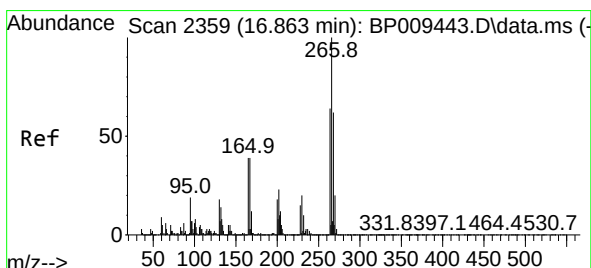
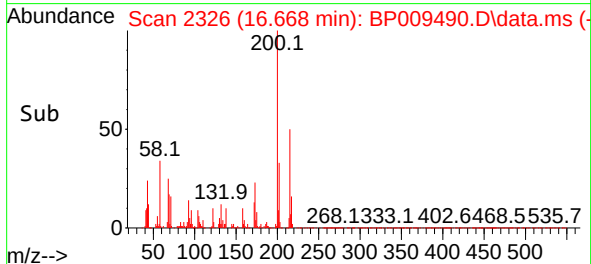
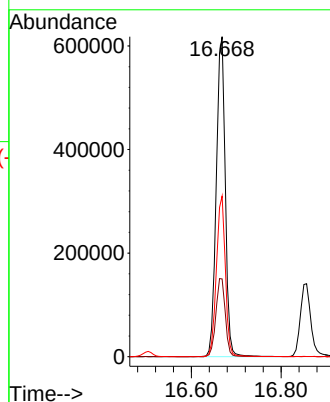
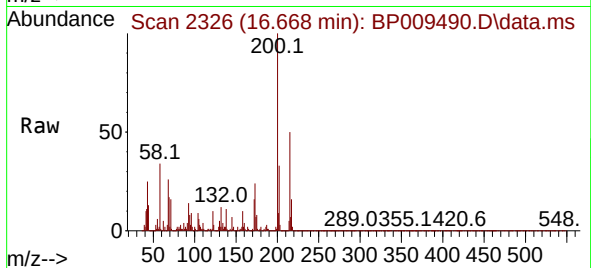
Tgt Ion:200 Resp: 860961

Ion Ratio Lower Upper

200 100

173 24.3 6.2 46.2

215 50.2 28.5 68.5



#70

Pentachlorophenol

Concen: 112.238 ng

RT: 16.857 min Scan# 2358

Delta R.T. -0.006 min

Lab File: BP009490.D

Acq: 22 Mar 2022 16:22

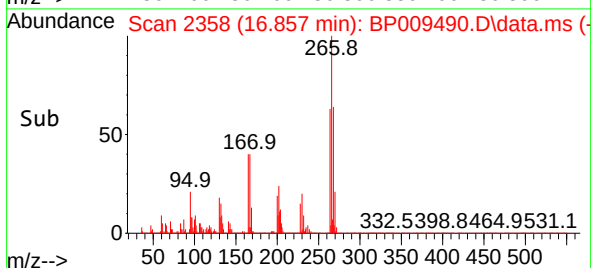
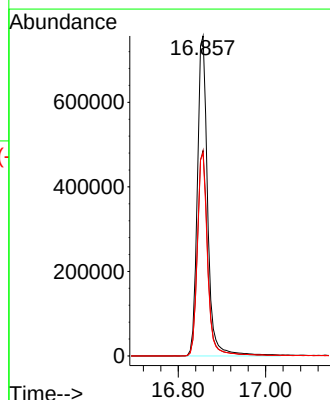
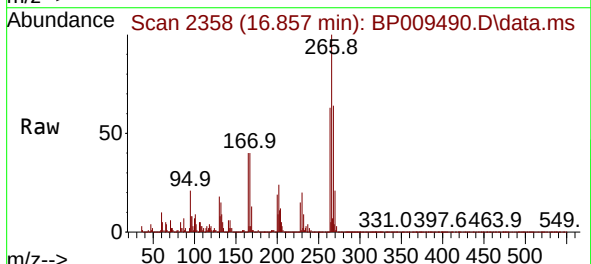
Tgt Ion:266 Resp: 1241530

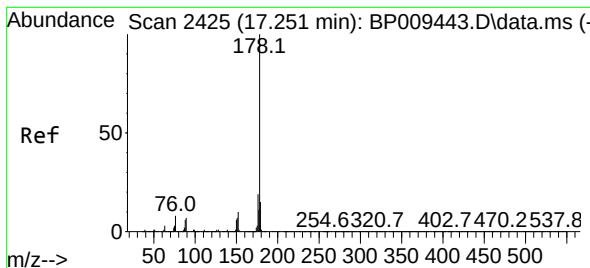
Ion Ratio Lower Upper

266 100

268 64.2 49.8 74.8

264 63.3 50.9 76.3





#71

Phenanthrene

Concen: 55.169 ng

RT: 17.239 min Scan# 2423

Delta R.T. -0.012 min

Lab File: BP009490.D

Acq: 22 Mar 2022 16:22

Instrument :

BNA\_P

ClientSampleId :

MR-1MS

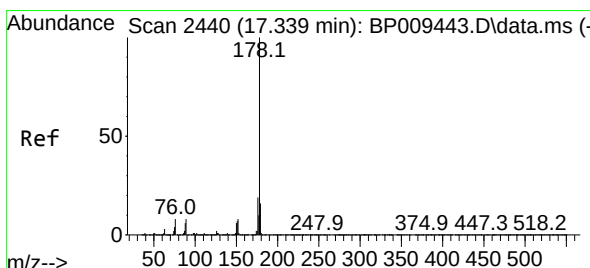
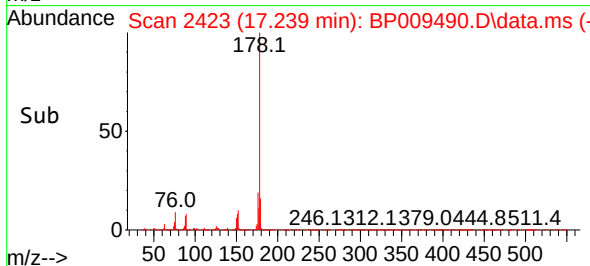
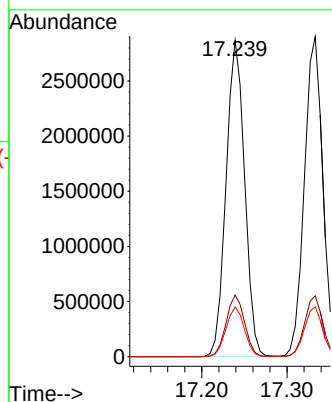
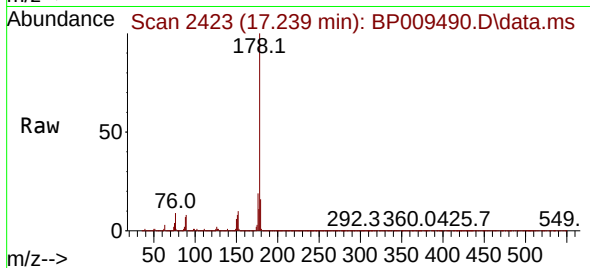
Tgt Ion:178 Resp: 4339268

Ion Ratio Lower Upper

178 100

176 19.5 15.4 23.2

179 15.7 12.3 18.5



#72

Anthracene

Concen: 56.272 ng

RT: 17.333 min Scan# 2439

Delta R.T. -0.006 min

Lab File: BP009490.D

Acq: 22 Mar 2022 16:22

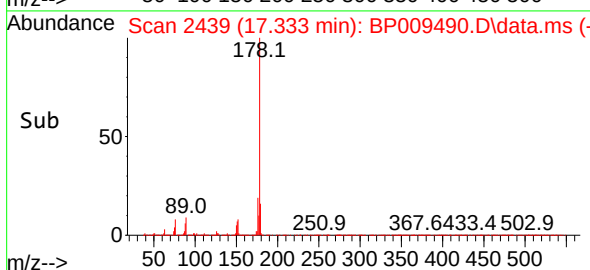
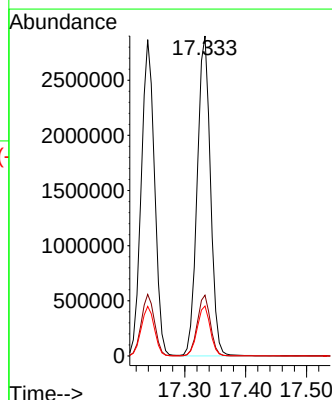
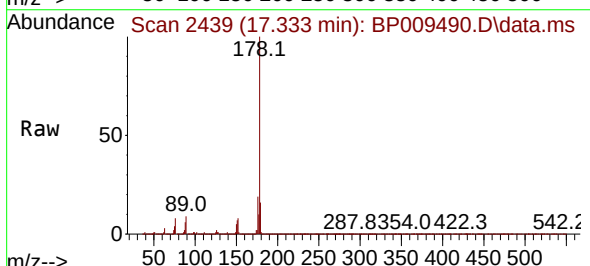
Tgt Ion:178 Resp: 4369953

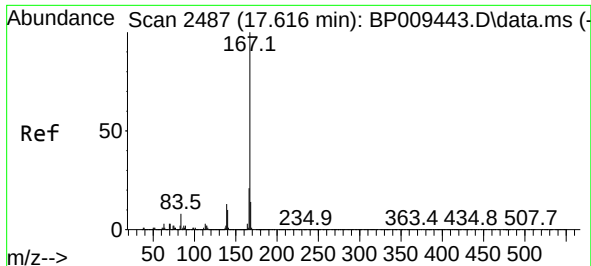
Ion Ratio Lower Upper

178 100

176 19.0 14.8 22.2

179 15.6 12.2 18.4

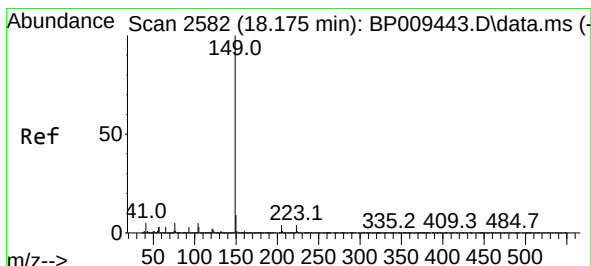
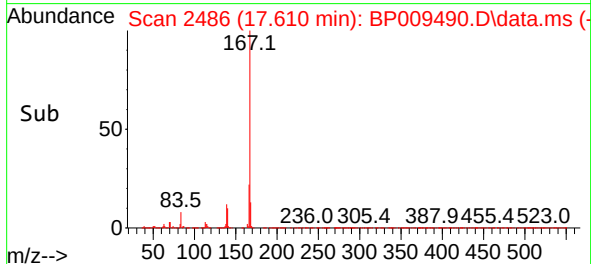
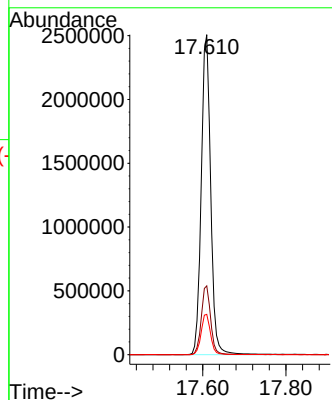
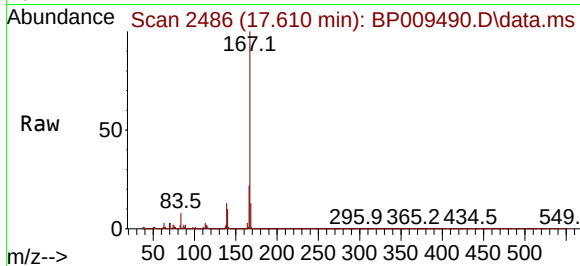




#73  
 Carbazole  
 Concen: 52.006 ng  
 RT: 17.610 min Scan# 2486  
 Delta R.T. -0.006 min  
 Lab File: BP009490.D  
 Acq: 22 Mar 2022 16:22

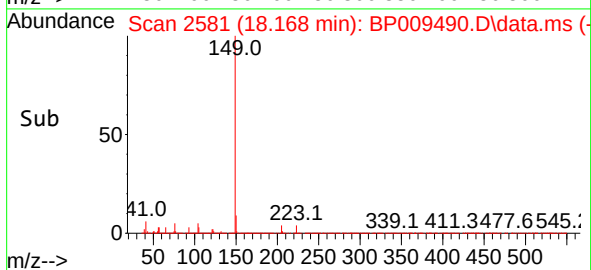
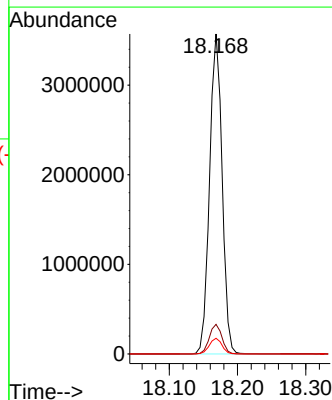
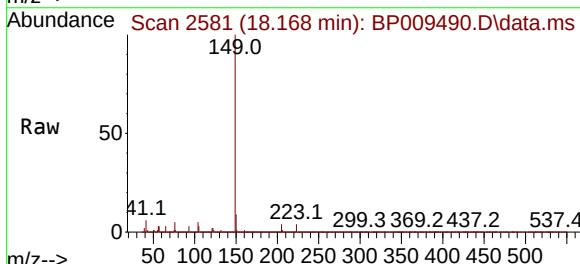
Instrument :  
 BNA\_P  
 ClientSampleId :  
 MR-1MS

Tgt Ion:167 Resp: 3949735  
 Ion Ratio Lower Upper  
 167 100  
 166 21.5 17.2 25.8  
 139 12.6 10.3 15.5

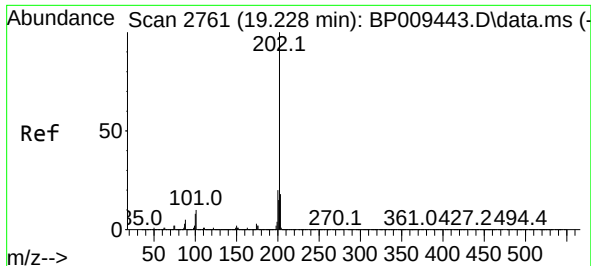


#74  
 Di-n-butylphthalate  
 Concen: 51.298 ng  
 RT: 18.168 min Scan# 2581  
 Delta R.T. -0.006 min  
 Lab File: BP009490.D  
 Acq: 22 Mar 2022 16:22

Tgt Ion:149 Resp: 4565399  
 Ion Ratio Lower Upper  
 149 100  
 150 9.3 7.3 10.9  
 104 4.9 4.2 6.2



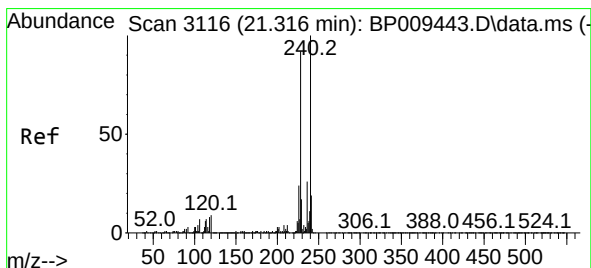
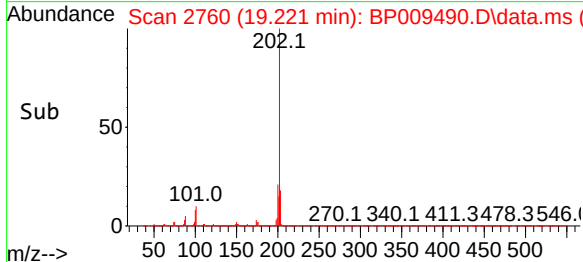
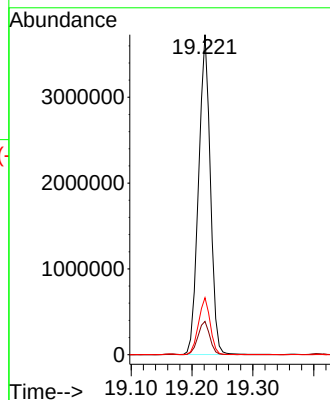
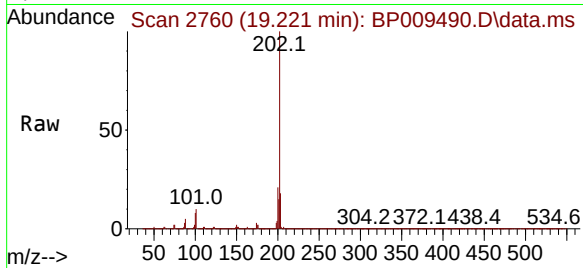




#75  
Fluoranthene  
Concen: 52.535 ng  
RT: 19.221 min Scan# 21  
Delta R.T. -0.006 min  
Lab File: BP009490.D  
Acq: 22 Mar 2022 16:22

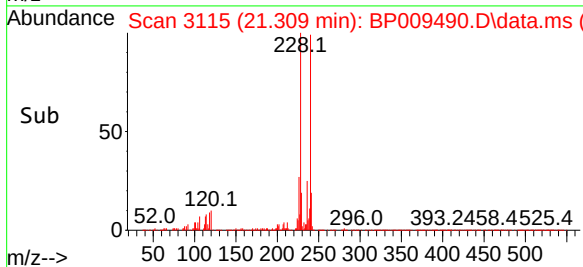
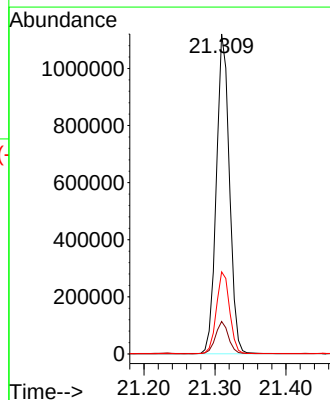
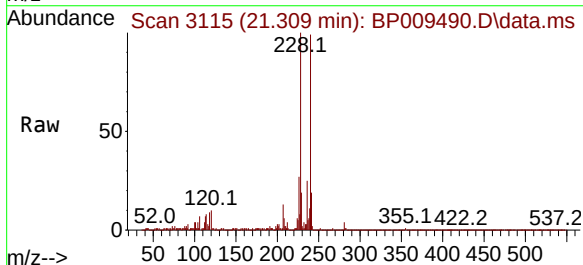
Instrument :  
BNA\_P  
ClientSampleId :  
MR-1MS

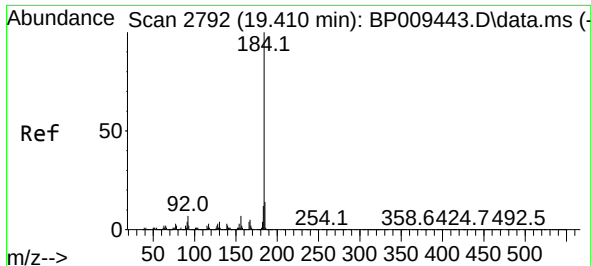
Tgt Ion:202 Resp: 5002526  
Ion Ratio Lower Upper  
202 100  
101 10.4 0.0 31.5  
203 17.8 0.0 37.8



#76  
Chrysene-d12  
Concen: 20.000 ng  
RT: 21.309 min Scan# 3115  
Delta R.T. -0.006 min  
Lab File: BP009490.D  
Acq: 22 Mar 2022 16:22

Tgt Ion:240 Resp: 1427587  
Ion Ratio Lower Upper  
240 100  
120 10.2 9.0 13.4  
236 25.6 20.6 30.8

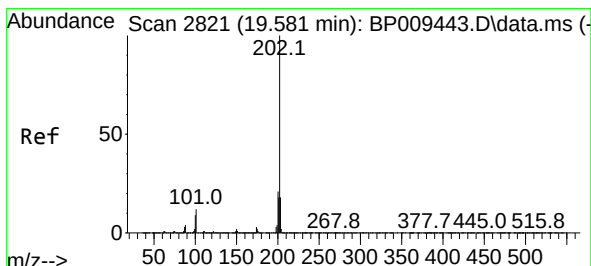
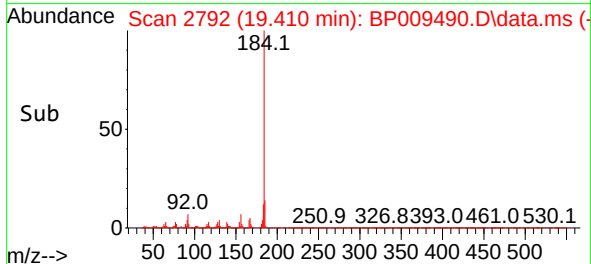
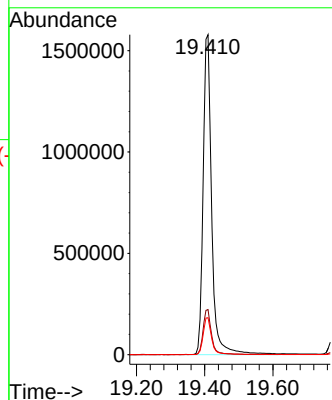
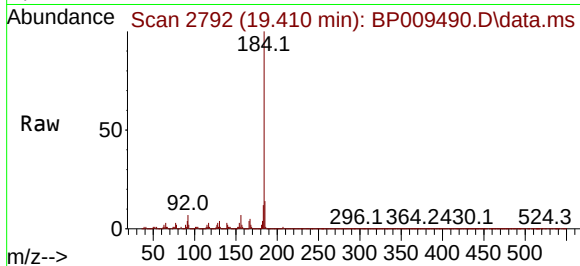




#77  
Benzidine  
Concen: 78.683 ng  
RT: 19.410 min Scan# 2792  
Delta R.T. -0.000 min  
Lab File: BP009490.D  
Acq: 22 Mar 2022 16:22

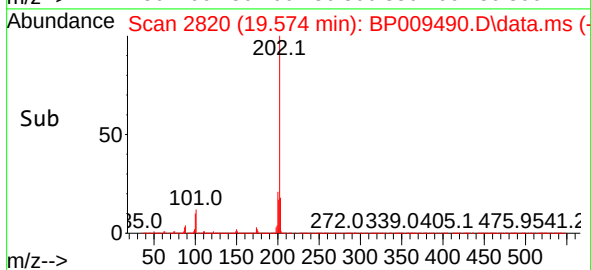
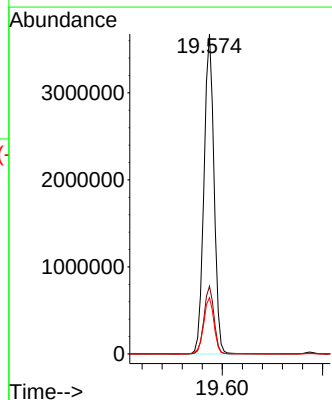
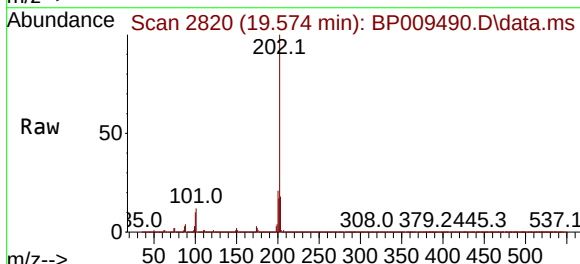
Instrument :  
BNA\_P  
ClientSampleId :  
MR-1MS

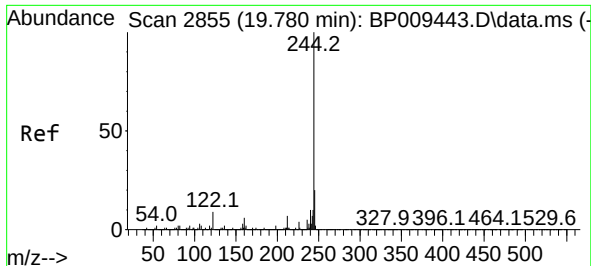
Tgt Ion:184 Resp: 2753285  
Ion Ratio Lower Upper  
184 100  
185 14.1 11.5 17.3  
183 11.5 9.4 14.0



#78  
Pyrene  
Concen: 54.343 ng  
RT: 19.574 min Scan# 2820  
Delta R.T. -0.006 min  
Lab File: BP009490.D  
Acq: 22 Mar 2022 16:22

Tgt Ion:202 Resp: 5112096  
Ion Ratio Lower Upper  
202 100  
200 21.2 16.8 25.2  
203 17.6 14.2 21.4

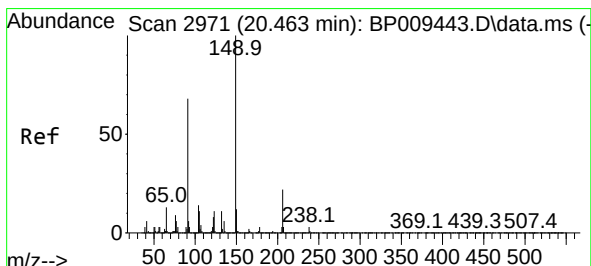
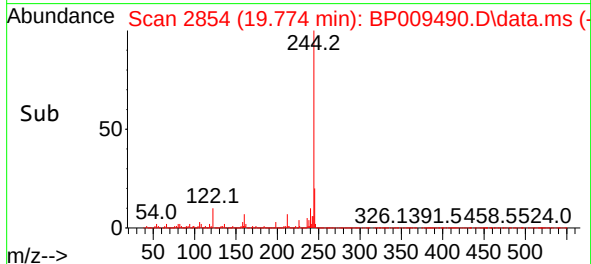
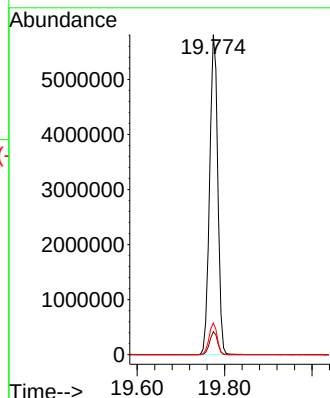
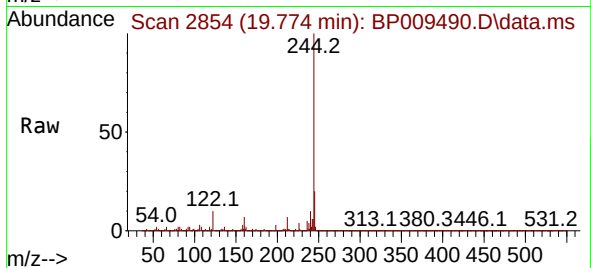




#79  
 Terphenyl-d14  
 Concen: 94.684 ng  
 RT: 19.774 min Scan# 21  
 Delta R.T. -0.006 min  
 Lab File: BP009490.D  
 Acq: 22 Mar 2022 16:22

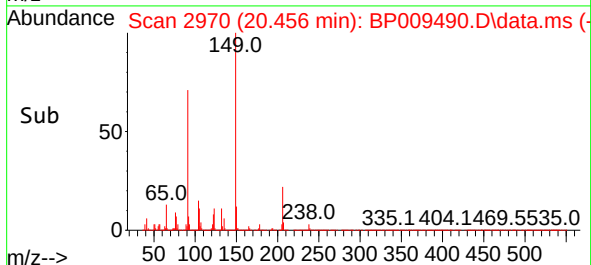
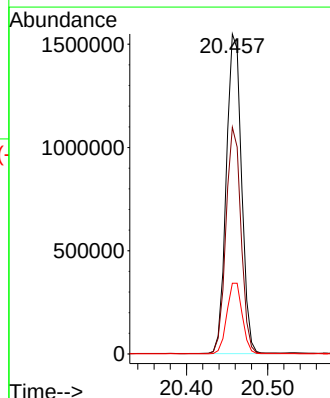
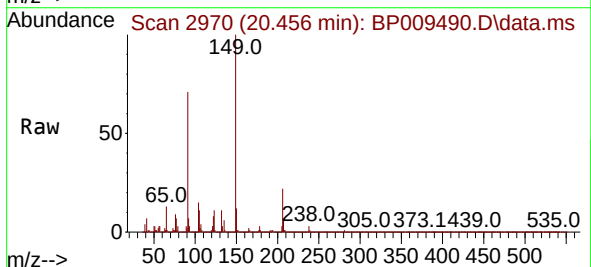
Instrument :  
 BNA\_P  
 ClientSampleId :  
 MR-1MS

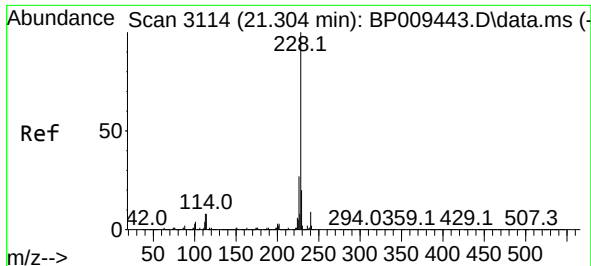
Tgt Ion:244 Resp: 7530797  
 Ion Ratio Lower Upper  
 244 100  
 212 7.2 5.8 8.6  
 122 9.9 8.3 12.5



#80  
 Butylbenzylphthalate  
 Concen: 50.587 ng  
 RT: 20.456 min Scan# 2970  
 Delta R.T. -0.006 min  
 Lab File: BP009490.D  
 Acq: 22 Mar 2022 16:22

Tgt Ion:149 Resp: 2022698  
 Ion Ratio Lower Upper  
 149 100  
 91 70.9 57.9 86.9  
 206 22.1 16.9 25.3

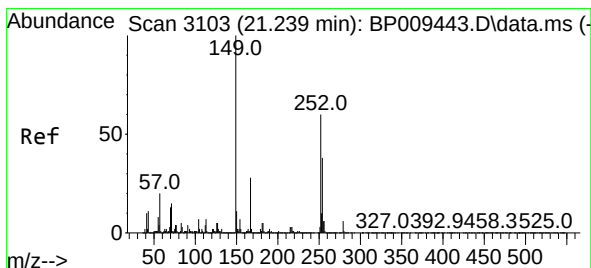
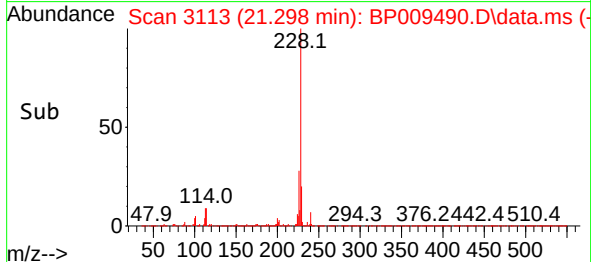
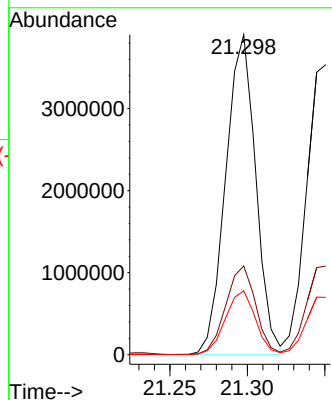
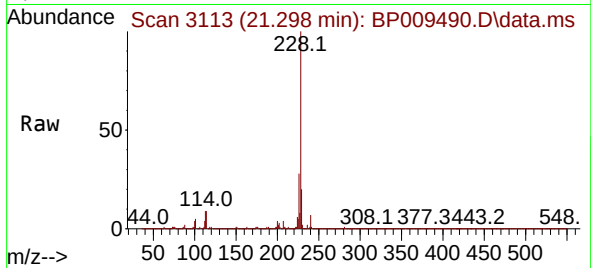




#81  
Benzo(a)anthracene  
Concen: 55.951 ng  
RT: 21.298 min Scan# 3114  
Delta R.T. -0.006 min  
Lab File: BP009490.D  
Acq: 22 Mar 2022 16:22

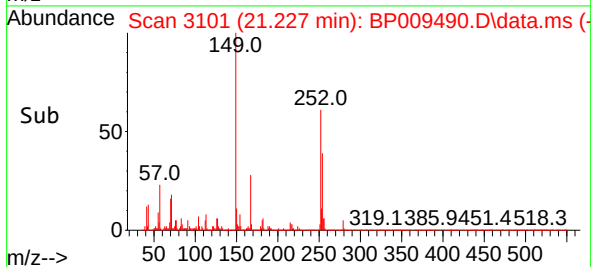
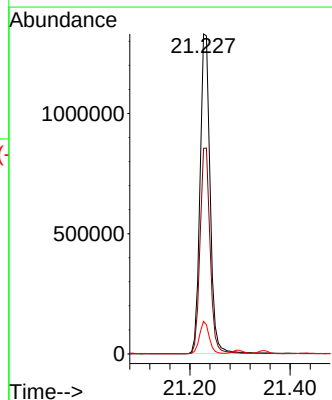
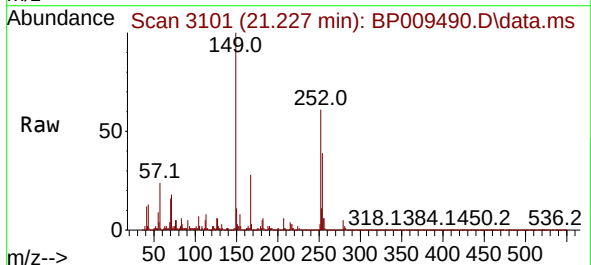
Instrument :  
BNA\_P  
ClientSampleId :  
MR-1MS

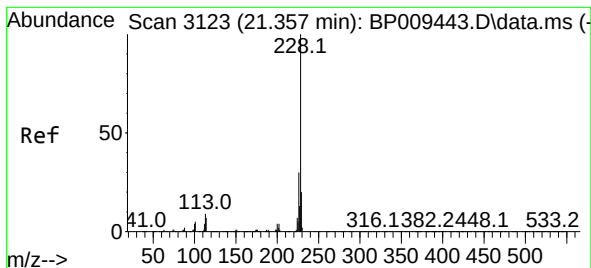
Tgt Ion:228 Resp: 5247754  
Ion Ratio Lower Upper  
228 100  
226 27.8 22.0 33.0  
229 20.0 16.1 24.1



#82  
3,3'-Dichlorobenzidine  
Concen: 51.051 ng  
RT: 21.227 min Scan# 3101  
Delta R.T. -0.012 min  
Lab File: BP009490.D  
Acq: 22 Mar 2022 16:22

Tgt Ion:252 Resp: 1849723  
Ion Ratio Lower Upper  
252 100  
254 64.3 50.7 76.1  
126 10.2 8.9 13.3





#83

Chrysene

Concen: 54.845 ng

RT: 21.351 min Scan# 3123

Delta R.T. -0.006 min

Lab File: BP009490.D

Acq: 22 Mar 2022 16:22

Instrument :

BNA\_P

ClientSampleId :

MR-1MS

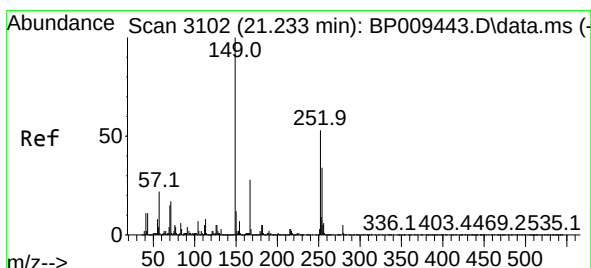
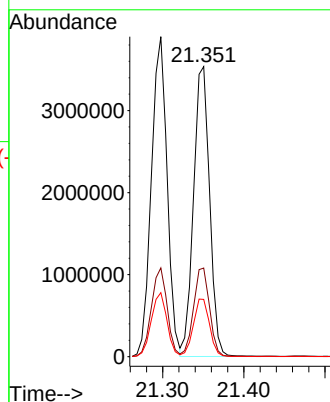
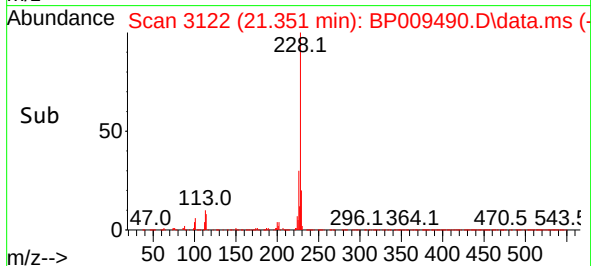
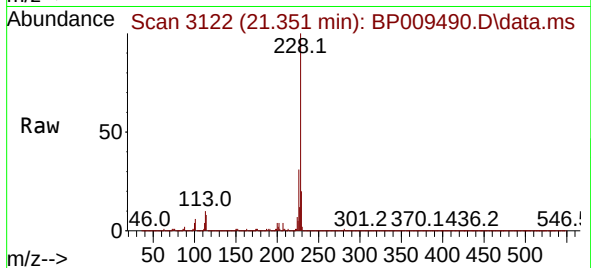
Tgt Ion:228 Resp: 4870895

Ion Ratio Lower Upper

228 100

226 30.5 24.2 36.2

229 19.8 16.1 24.1



#84

Bis(2-ethylhexyl)phthalate

Concen: 50.062 ng

RT: 21.233 min Scan# 3102

Delta R.T. -0.000 min

Lab File: BP009490.D

Acq: 22 Mar 2022 16:22

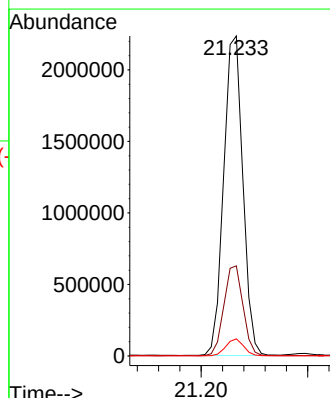
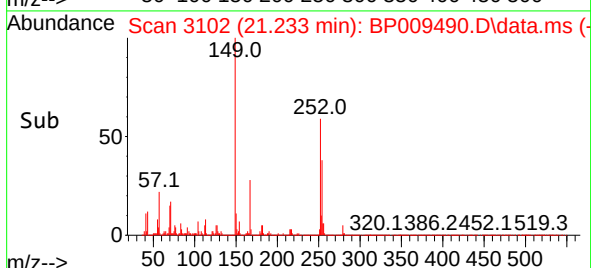
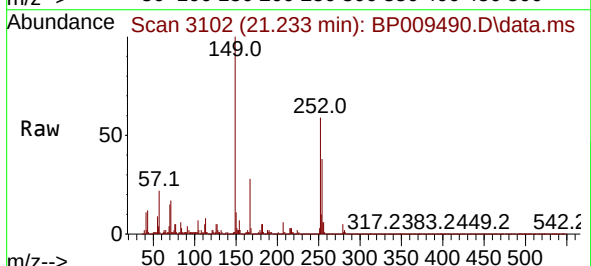
Tgt Ion:149 Resp: 2790056

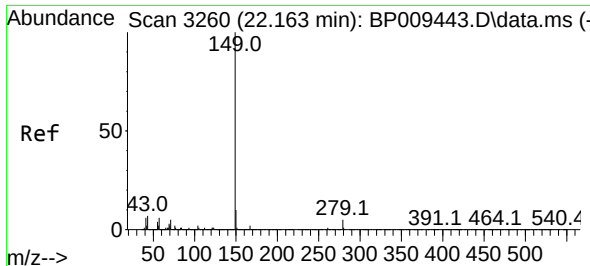
Ion Ratio Lower Upper

149 100

167 28.2 22.6 33.8

279 5.4 3.8 5.6

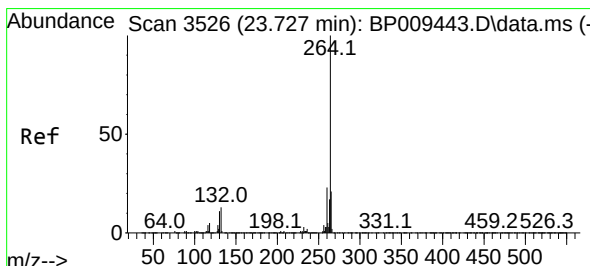
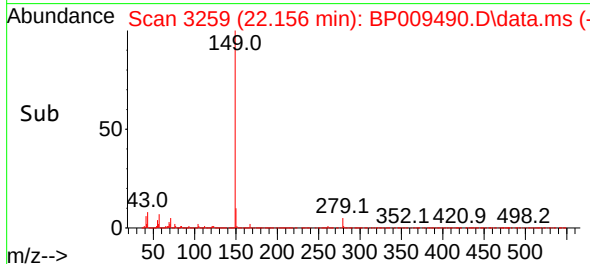
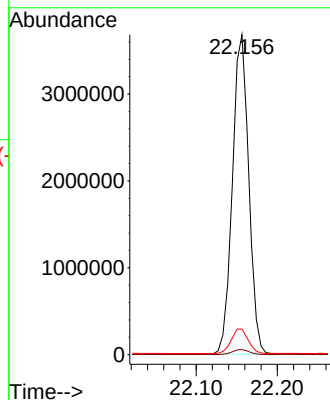
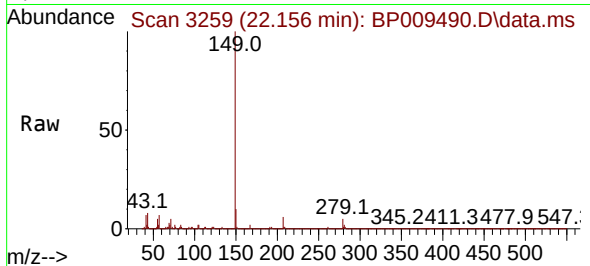




#85  
Di-n-octyl phthalate  
Concen: 53.468 ng  
RT: 22.156 min Scan# 31  
Delta R.T. -0.006 min  
Lab File: BP009490.D  
Acq: 22 Mar 2022 16:22

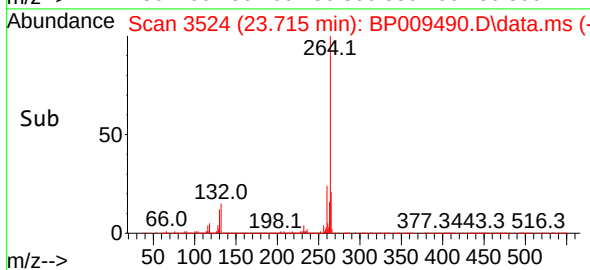
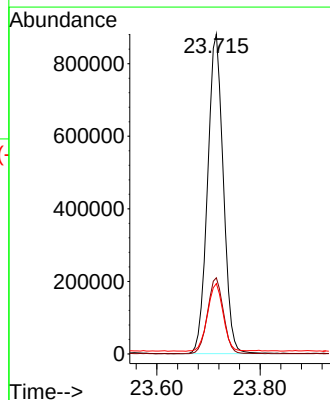
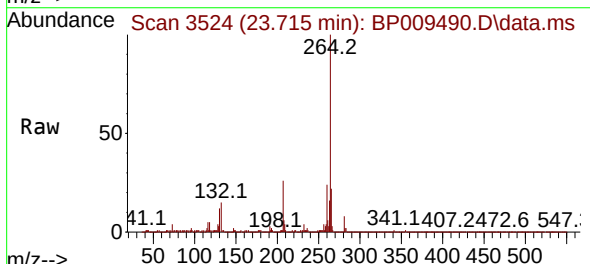
Instrument :  
BNA\_P  
ClientSampleId :  
MR-1MS

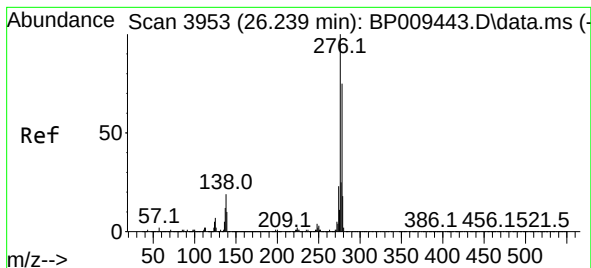
Tgt Ion:149 Resp: 5136307  
Ion Ratio Lower Upper  
149 100  
167 1.6 1.3 1.9  
43 8.0 6.9 10.3



#86  
Perylene-d12  
Concen: 20.000 ng  
RT: 23.715 min Scan# 3524  
Delta R.T. -0.012 min  
Lab File: BP009490.D  
Acq: 22 Mar 2022 16:22

Tgt Ion:264 Resp: 1858492  
Ion Ratio Lower Upper  
264 100  
260 23.8 19.4 29.0  
265 22.0 17.2 25.8





#87

Indeno(1,2,3-cd)pyrene

Concen: 55.553 ng

RT: 26.227 min Scan# 3951

Delta R.T. -0.012 min

Lab File: BP009490.D

Acq: 22 Mar 2022 16:22

Instrument :

BNA\_P

ClientSampleId :

MR-1MS

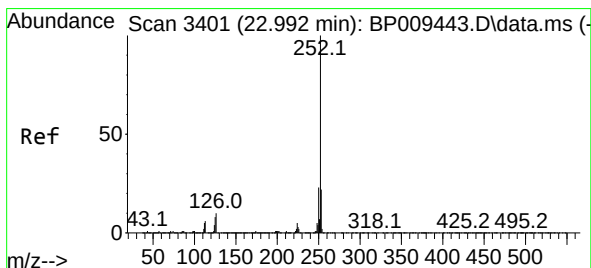
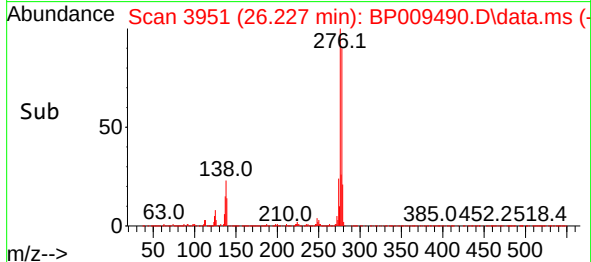
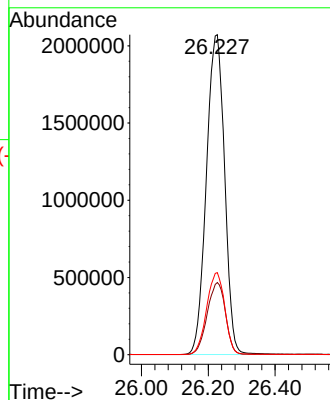
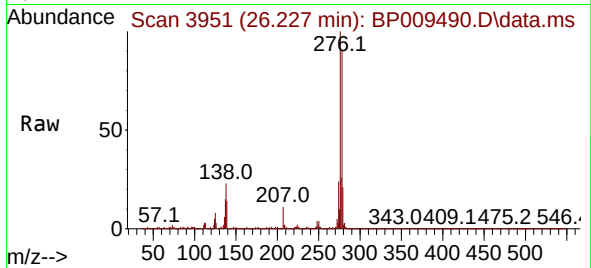
Tgt Ion:276 Resp: 7832871

Ion Ratio Lower Upper

276 100

138 22.6 20.5 30.7

277 25.4 20.4 30.6



#88

Benzo(b)fluoranthene

Concen: 57.891 ng

RT: 22.986 min Scan# 3400

Delta R.T. -0.006 min

Lab File: BP009490.D

Acq: 22 Mar 2022 16:22

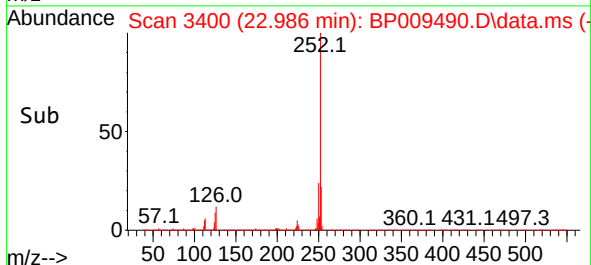
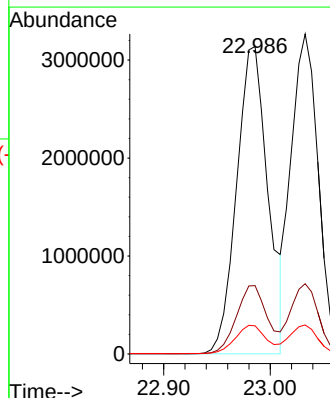
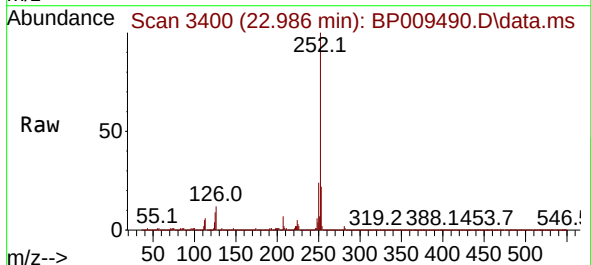
Tgt Ion:252 Resp: 6422800

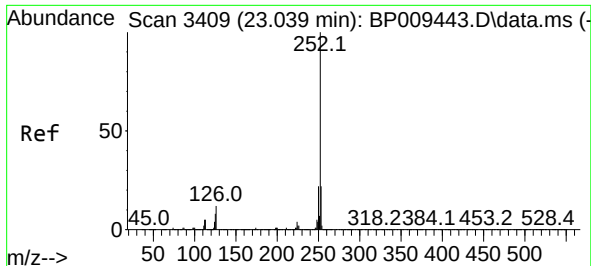
Ion Ratio Lower Upper

252 100

253 22.2 17.8 26.8

125 9.1 8.1 12.1

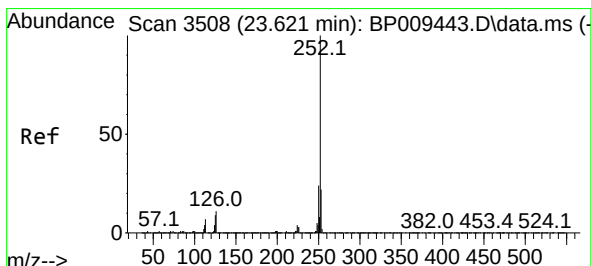
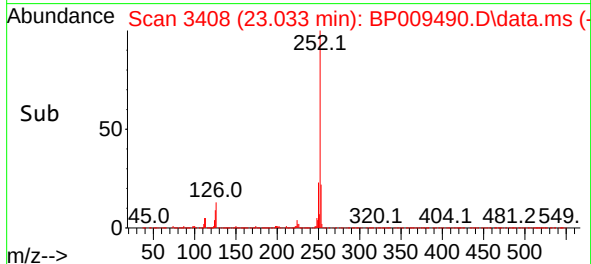
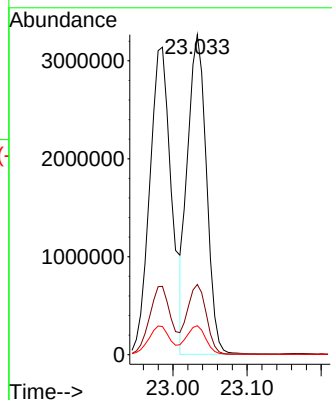
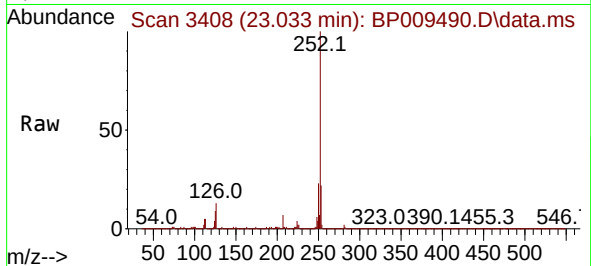




#89  
Benzo(k)fluoranthene  
Concen: 53.121 ng  
RT: 23.033 min Scan# 3409  
Delta R.T. -0.006 min  
Lab File: BP009490.D  
Acq: 22 Mar 2022 16:22

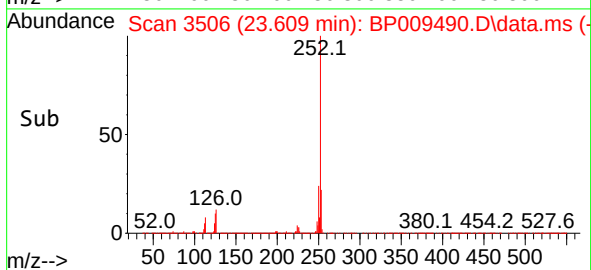
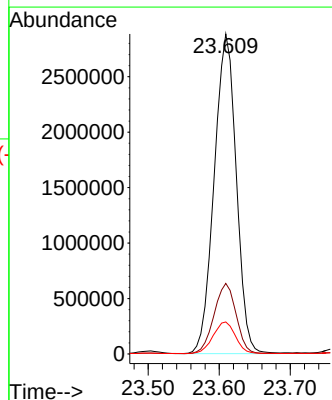
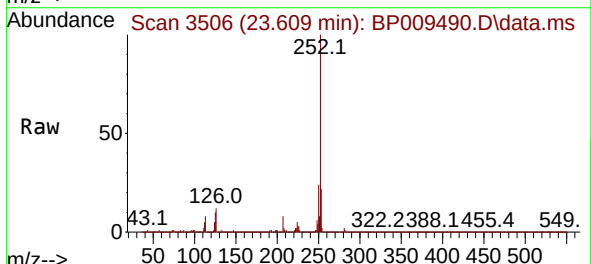
Instrument :  
BNA\_P  
ClientSampleId :  
MR-1MS

Tgt Ion:252 Resp: 5770404  
Ion Ratio Lower Upper  
252 100  
253 22.0 17.5 26.3  
125 9.0 8.3 12.5

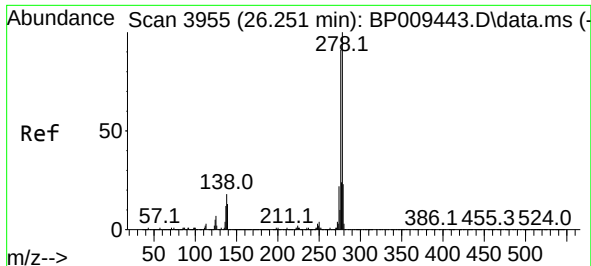


#90  
Benzo(a)pyrene  
Concen: 65.470 ng  
RT: 23.609 min Scan# 3506  
Delta R.T. -0.012 min  
Lab File: BP009490.D  
Acq: 22 Mar 2022 16:22

Tgt Ion:252 Resp: 6214656  
Ion Ratio Lower Upper  
252 100  
253 22.1 17.8 26.6  
125 10.0 9.3 13.9



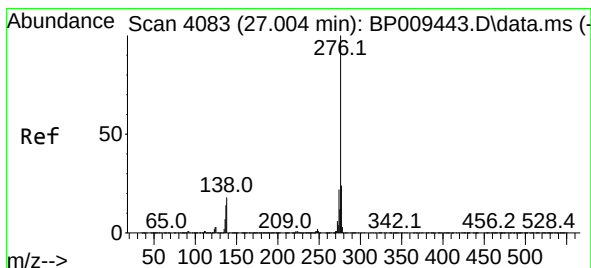
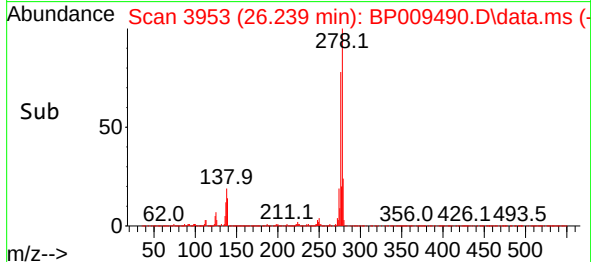
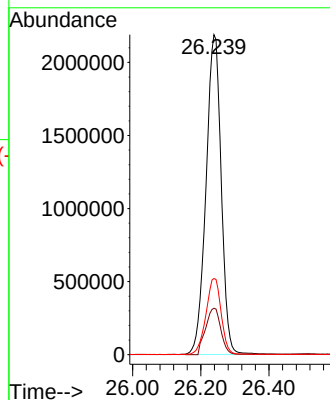
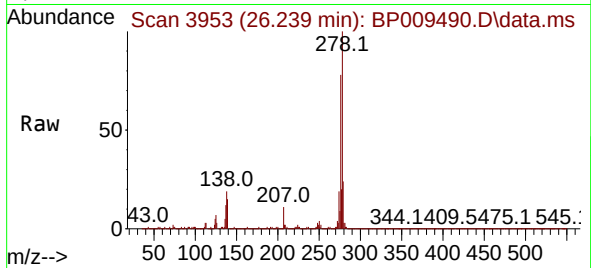




#91  
Dibenzo(a,h)anthracene  
Concen: 57.705 ng  
RT: 26.239 min Scan# 3955  
Delta R.T. -0.012 min  
Lab File: BP009490.D  
Acq: 22 Mar 2022 16:22

Instrument :  
BNA\_P  
ClientSampleId :  
MR-1MS

Tgt Ion:278 Resp: 6781102  
Ion Ratio Lower Upper  
278 100  
139 14.5 13.2 19.8  
279 23.8 19.2 28.8



#92  
Benzo(g,h,i)perylene  
Concen: 59.532 ng  
RT: 26.991 min Scan# 4081  
Delta R.T. -0.012 min  
Lab File: BP009490.D  
Acq: 22 Mar 2022 16:22

Tgt Ion:276 Resp: 6882109  
Ion Ratio Lower Upper  
276 100  
277 24.0 19.2 28.8  
138 19.3 18.0 27.0

