

Data Path : Z:\svoasrv\HPCHEM1\BNA\_P\Data\BP060424\  
 Data File : BP020496.D  
 Acq On : 04 Jun 2024 13:56  
 Operator : MA/JU  
 Sample : PB161260BS  
 Misc :  
 ALS Vial : 4 Sample Multiplier: 1

Instrument :  
 BNA\_P  
 ClientSampleId :  
 PB161260BS

Quant Time: Jun 04 14:28:54 2024  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_P\Methods\8270E-BP052924.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Thu May 30 03:41:03 2024  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc    | Units | Dev(Min) |
|-------------------------------|--------|------|----------|---------|-------|----------|
| -----                         |        |      |          |         |       |          |
| Internal Standards            |        |      |          |         |       |          |
| 1) 1,4-Dichlorobenzene-d4     | 7.769  | 152  | 285809   | 20.000  | ng    | 0.00     |
| 21) Naphthalene-d8            | 10.534 | 136  | 970833   | 20.000  | ng    | 0.00     |
| 39) Acenaphthene-d10          | 14.387 | 164  | 517798   | 20.000  | ng    | 0.00     |
| 64) Phenanthrene-d10          | 17.192 | 188  | 1052099  | 20.000  | ng    | -0.01    |
| 76) Chrysene-d12              | 21.657 | 240  | 1192311  | 20.000  | ng    | -0.01    |
| 86) Perylene-d12              | 25.010 | 264  | 1424991  | 20.000  | ng    | -0.01    |
| System Monitoring Compounds   |        |      |          |         |       |          |
| 5) 2-Fluorophenol             | 5.381  | 112  | 2068104  | 129.556 | ng    | 0.00     |
| 7) Phenol-d6                  | 6.934  | 99   | 2424959  | 107.720 | ng    | 0.00     |
| 23) Nitrobenzene-d5           | 8.916  | 82   | 1521433  | 85.785  | ng    | 0.00     |
| 42) 2,4,6-Tribromophenol      | 15.904 | 330  | 724819   | 134.882 | ng    | 0.00     |
| 45) 2-Fluorobiphenyl          | 13.004 | 172  | 3102736  | 89.327  | ng    | 0.00     |
| 79) Terphenyl-d14             | 19.927 | 244  | 4934404  | 68.895  | ng    | -0.02    |
| Target Compounds              |        |      |          |         |       |          |
|                               |        |      |          |         |       | Qvalue   |
| 2) 1,4-Dioxane                | 3.334  | 88   | 272062   | 42.180  | ng    | 98       |
| 3) Pyridine                   | 3.717  | 79   | 684811   | 37.762  | ng    | 97       |
| 4) n-Nitrosodimethylamine     | 3.634  | 42   | 383506   | 43.539  | ng    | 95       |
| 6) Aniline                    | 7.105  | 93   | 552631   | 24.227  | ng    | 96       |
| 8) 2-Chlorophenol             | 7.334  | 128  | 735965   | 41.128  | ng    | 99       |
| 9) Benzaldehyde               | 6.922  | 77   | 533999   | 36.980  | ng    | 97       |
| 10) Phenol                    | 6.963  | 94   | 895831   | 38.849  | ng    | 99       |
| 11) bis(2-Chloroethyl)ether   | 7.205  | 93   | 759392   | 39.933  | ng    | 99       |
| 12) 1,3-Dichlorobenzene       | 7.658  | 146  | 900866   | 42.729  | ng    | 100      |
| 13) 1,4-Dichlorobenzene       | 7.805  | 146  | 913535   | 42.632  | ng    | 99       |
| 14) 1,2-Dichlorobenzene       | 8.110  | 146  | 867185   | 41.933  | ng    | 99       |
| 15) Benzyl Alcohol            | 8.005  | 79   | 618504   | 37.195  | ng    | 100      |
| 16) 2,2'-oxybis(1-Chloropr... | 8.287  | 45   | 1104770  | 38.912  | ng    | 99       |
| 17) 2-Methylphenol            | 8.199  | 107  | 574666   | 36.724  | ng    | 99       |
| 18) Hexachloroethane          | 8.834  | 117  | 331094   | 42.315  | ng    | 95       |
| 19) n-Nitroso-di-n-propyla... | 8.563  | 70   | 521976   | 33.965  | ng    | 99       |
| 20) 3+4-Methylphenols         | 8.516  | 107  | 755489   | 35.496  | ng    | 99       |
| 22) Acetophenone              | 8.581  | 105  | 1077486  | 44.712  | ng    | 99       |
| 24) Nitrobenzene              | 8.957  | 77   | 785353   | 43.632  | ng    | 99       |
| 25) Isophorone                | 9.469  | 82   | 1358701  | 39.430  | ng    | 99       |
| 26) 2-Nitrophenol             | 9.657  | 139  | 297571   | 42.283  | ng    | 99       |
| 27) 2,4-Dimethylphenol        | 9.710  | 122  | 480254   | 46.133  | ng    | 98       |
| 28) bis(2-Chloroethoxy)met... | 9.957  | 93   | 874873   | 41.307  | ng    | 99       |
| 29) 2,4-Dichlorophenol        | 10.175 | 162  | 608259   | 43.552  | ng    | 98       |
| 30) 1,2,4-Trichlorobenzene    | 10.404 | 180  | 747532   | 45.085  | ng    | 98       |
| 31) Naphthalene               | 10.581 | 128  | 2139588  | 43.110  | ng    | 100      |
| 32) Benzoic acid              | 9.828  | 122  | 328438   | 35.319  | ng    | 95       |
| 33) 4-Chloroaniline           | 10.693 | 127  | 334172   | 17.406  | ng    | 99       |
| 34) Hexachlorobutadiene       | 10.863 | 225  | 470644   | 45.062  | ng    | 99       |
| 35) Caprolactam               | 11.463 | 113  | 182898   | 35.735  | ng    | 96       |
| 36) 4-Chloro-3-methylphenol   | 11.804 | 107  | 618543   | 37.826  | ng    | 99       |
| 37) 2-Methylnaphthalene       | 12.198 | 142  | 1409292  | 39.628  | ng    | 98       |
| 38) 1-Methylnaphthalene       | 12.410 | 142  | 1291005  | 36.621  | ng    | 98       |
| 40) 1,2,4,5-Tetrachloroben... | 12.569 | 216  | 765561   | 51.100  | ng    | 99       |
| 41) Hexachlorocyclopentadiene | 12.545 | 237  | 746285   | 141.738 | ng    | 99       |
| 43) 2,4,6-Trichlorophenol     | 12.798 | 196  | 443315   | 48.953  | ng    | 98       |

Data Path : Z:\svoasrv\HPCHEM1\BNA\_P\Data\BP060424\  
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 Sample : PB161260BS  
 Misc :  
 ALS Vial : 4 Sample Multiplier: 1

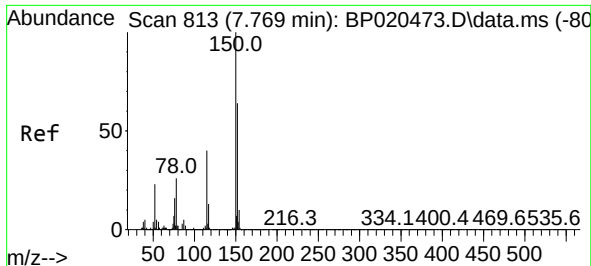
Instrument :  
 BNA\_P  
 ClientSampleId :  
 PB161260BS

Quant Time: Jun 04 14:28:54 2024  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_P\Methods\8270E-BP052924.M  
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| Compound                      | R.T.   | QIon | Response | Conc    | Units | Dev(Min) |
|-------------------------------|--------|------|----------|---------|-------|----------|
| 44) 2,4,5-Trichlorophenol     | 12.869 | 196  | 481549   | 46.092  | ng    | 99       |
| 46) 1,1'-Biphenyl             | 13.216 | 154  | 1747271  | 47.814  | ng    | 99       |
| 47) 2-Chloronaphthalene       | 13.257 | 162  | 1349945  | 46.469  | ng    | 99       |
| 48) 2-Nitroaniline            | 13.457 | 65   | 364418   | 46.294  | ng    | 98       |
| 49) Acenaphthylene            | 14.110 | 152  | 2130703  | 49.429  | ng    | 100      |
| 50) Dimethylphthalate         | 13.845 | 163  | 1564557  | 42.866  | ng    | 99       |
| 51) 2,6-Dinitrotoluene        | 13.957 | 165  | 331881   | 42.540  | ng    | 96       |
| 52) Acenaphthene              | 14.451 | 154  | 1207691  | 44.415  | ng    | 99       |
| 53) 3-Nitroaniline            | 14.281 | 138  | 260162   | 33.245  | ng    | 98       |
| 54) 2,4-Dinitrophenol         | 14.498 | 184  | 260617   | 75.752  | ng    | 94       |
| 55) Dibenzofuran              | 14.798 | 168  | 1961986  | 45.550  | ng    | 99       |
| 56) 4-Nitrophenol             | 14.592 | 139  | 627887   | 103.725 | ng    | 96       |
| 57) 2,4-Dinitrotoluene        | 14.763 | 165  | 459067   | 44.775  | ng    | 94       |
| 58) Fluorene                  | 15.451 | 166  | 1524673  | 44.093  | ng    | 99       |
| 59) 2,3,4,6-Tetrachlorophenol | 15.010 | 232  | 396765   | 46.406  | ng    | 99       |
| 60) Diethylphthalate          | 15.239 | 149  | 1538504  | 41.466  | ng    | 100      |
| 61) 4-Chlorophenyl-phenyle... | 15.457 | 204  | 770950   | 43.206  | ng    | 98       |
| 62) 4-Nitroaniline            | 15.469 | 138  | 347351   | 43.090  | ng    | 97       |
| 63) Azobenzene                | 15.751 | 77   | 1492087  | 43.068  | ng    | 99       |
| 65) 4,6-Dinitro-2-methylph... | 15.522 | 198  | 187357   | 41.416  | ng    | 98       |
| 66) n-Nitrosodiphenylamine    | 15.675 | 169  | 1294338  | 44.747  | ng    | 99       |
| 67) 4-Bromophenyl-phenylether | 16.369 | 248  | 469019   | 43.575  | ng    | 98       |
| 68) Hexachlorobenzene         | 16.469 | 284  | 547439   | 43.215  | ng    | 97       |
| 69) Atrazine                  | 16.657 | 200  | 474687   | 46.646  | ng    | 99       |
| 70) Pentachlorophenol         | 16.822 | 266  | 662420   | 86.099  | ng    | 99       |
| 71) Phenanthrene              | 17.233 | 178  | 2387110  | 46.156  | ng    | 99       |
| 72) Anthracene                | 17.328 | 178  | 2402858  | 47.348  | ng    | 100      |
| 73) Carbazole                 | 17.610 | 167  | 2344432  | 47.759  | ng    | 99       |
| 74) Di-n-butylphthalate       | 18.216 | 149  | 2702688  | 45.464  | ng    | 99       |
| 75) Fluoranthene              | 19.327 | 202  | 2974181  | 48.610  | ng    | 99       |
| 77) Benzidine                 | 19.522 | 184  | 401352   | 14.261  | ng    | 99       |
| 78) Pyrene                    | 19.704 | 202  | 3153140  | 35.159  | ng    | 99       |
| 80) Butylbenzylphthalate      | 20.669 | 149  | 1315145  | 37.000  | ng    | 96       |
| 81) Benzo(a)anthracene        | 21.633 | 228  | 3588647  | 45.711  | ng    | 99       |
| 82) 3,3'-Dichlorobenzidine    | 21.557 | 252  | 984418   | 42.182  | ng    | 100      |
| 83) Chrysene                  | 21.704 | 228  | 3417109  | 46.193  | ng    | 100      |
| 84) Bis(2-ethylhexyl)phtha... | 21.592 | 149  | 2170852  | 42.532  | ng    | 99       |
| 85) Di-n-octyl phthalate      | 22.898 | 149  | 3971082  | 53.529  | ng    | 99       |
| 87) Indeno(1,2,3-cd)pyrene    | 28.833 | 276  | 4123376  | 47.585  | ng    | # 91     |
| 88) Benzo(b)fluoranthene      | 23.945 | 252  | 4095711  | 46.136  | ng    | 100      |
| 89) Benzo(k)fluoranthene      | 24.015 | 252  | 4085980  | 47.191  | ng    | 100      |
| 90) Benzo(a)pyrene            | 24.857 | 252  | 3860084  | 52.503  | ng    | 99       |
| 91) Dibenzo(a,h)anthracene    | 28.921 | 278  | 4155261  | 57.491  | ng    | 99       |
| 92) Benzo(g,h,i)perylene      | 29.997 | 276  | 3911768  | 54.147  | ng    | 99       |

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

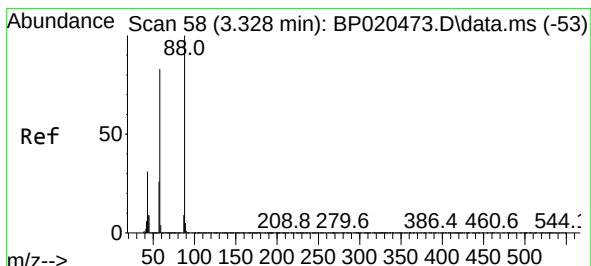
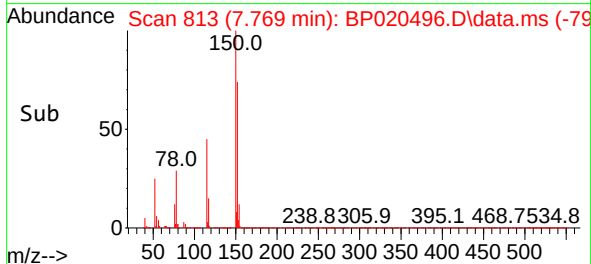
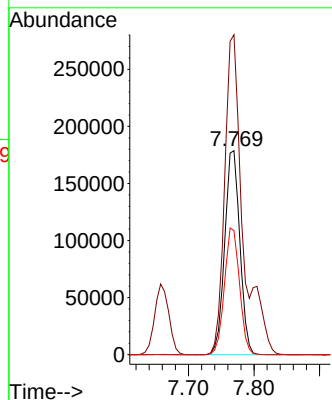
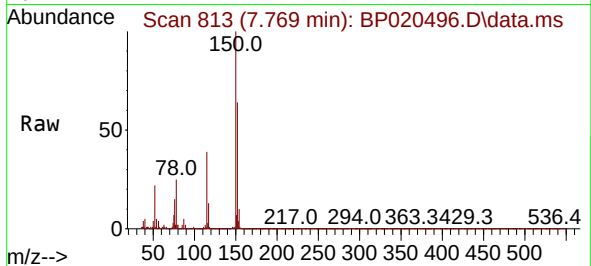




#1  
1,4-Dichlorobenzene-d4  
Concen: 20.000 ng  
RT: 7.769 min Scan# 813  
Delta R.T. 0.000 min  
Lab File: BP020496.D  
Acq: 04 Jun 2024 13:56

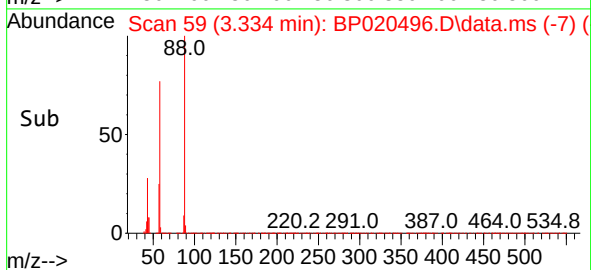
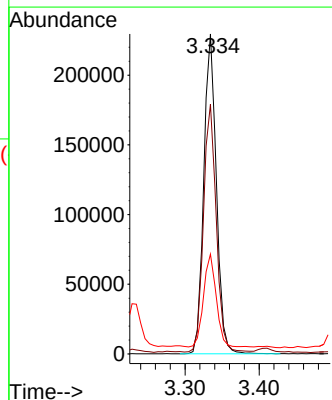
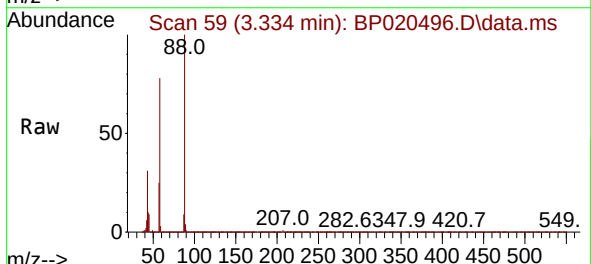
Instrument :  
BNA\_P  
ClientSampleId :  
PB161260BS

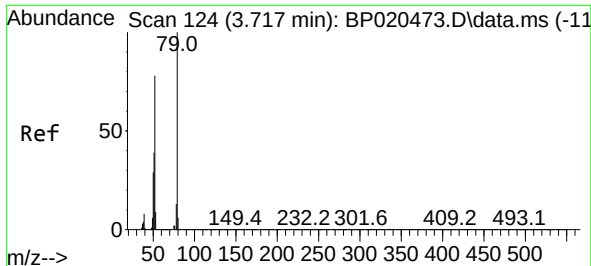
Tgt Ion:152 Resp: 285809  
Ion Ratio Lower Upper  
152 100  
150 156.8 124.2 186.2  
115 60.8 49.5 74.3



#2  
1,4-Dioxane  
Concen: 42.180 ng  
RT: 3.334 min Scan# 59  
Delta R.T. 0.006 min  
Lab File: BP020496.D  
Acq: 04 Jun 2024 13:56

Tgt Ion: 88 Resp: 272062  
Ion Ratio Lower Upper  
88 100  
58 78.7 64.6 97.0  
43 29.2 24.5 36.7

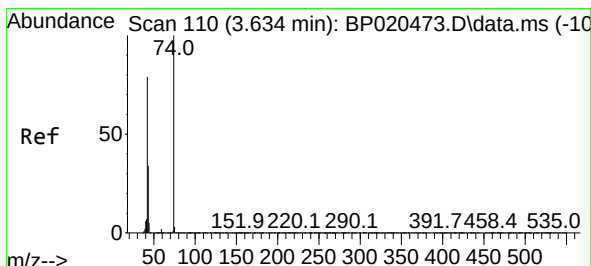
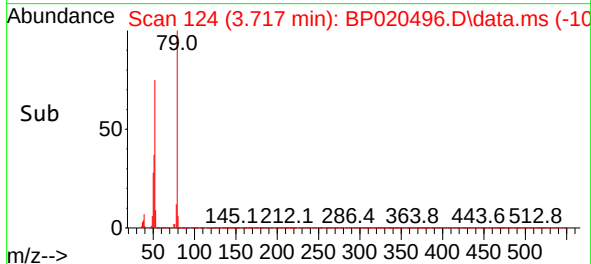
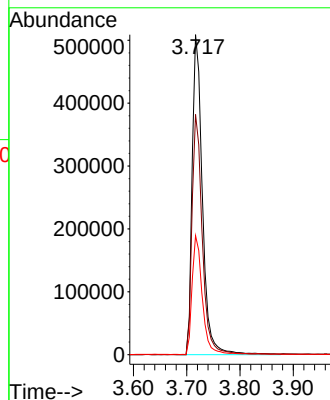
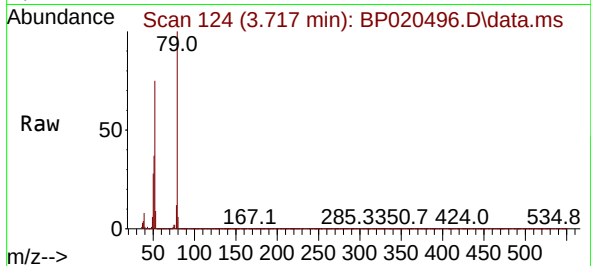




#3  
Pyridine  
Concen: 37.762 ng  
RT: 3.717 min Scan# 11  
Delta R.T. -0.000 min  
Lab File: BP020496.D  
Acq: 04 Jun 2024 13:56

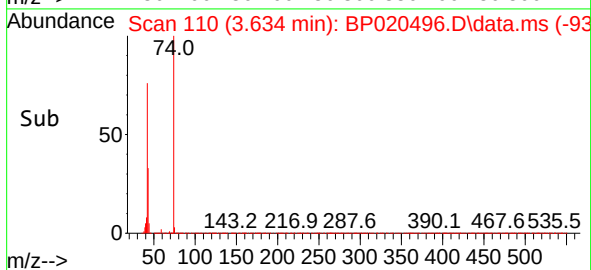
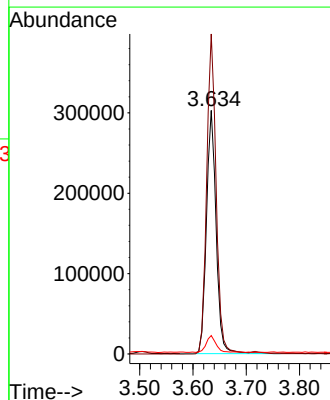
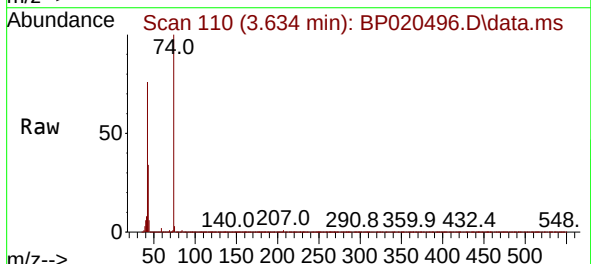
Instrument :  
BNA\_P  
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PB161260BS

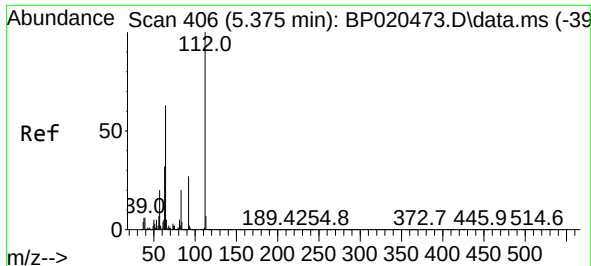
Tgt Ion: 79 Resp: 684811  
Ion Ratio Lower Upper  
79 100  
52 75.1 62.6 94.0  
51 37.2 31.0 46.4



#4  
n-Nitrosodimethylamine  
Concen: 43.539 ng  
RT: 3.634 min Scan# 110  
Delta R.T. -0.000 min  
Lab File: BP020496.D  
Acq: 04 Jun 2024 13:56

Tgt Ion: 42 Resp: 383506  
Ion Ratio Lower Upper  
42 100  
74 131.4 100.6 151.0  
44 7.5 5.8 8.8

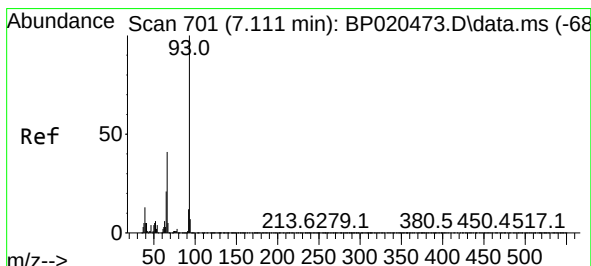
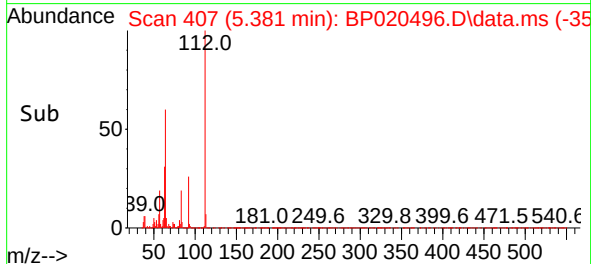
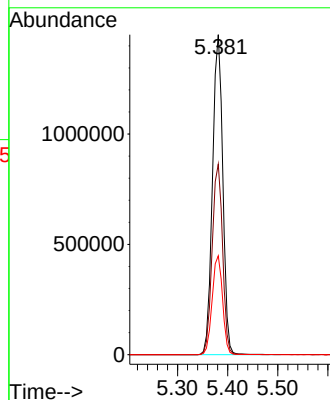
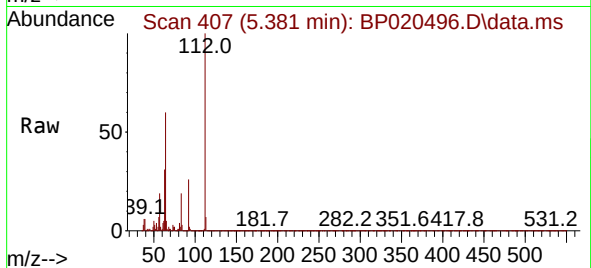




#5  
2-Fluorophenol  
Concen: 129.556 ng  
RT: 5.381 min Scan# 406  
Delta R.T. 0.006 min  
Lab File: BP020496.D  
Acq: 04 Jun 2024 13:56

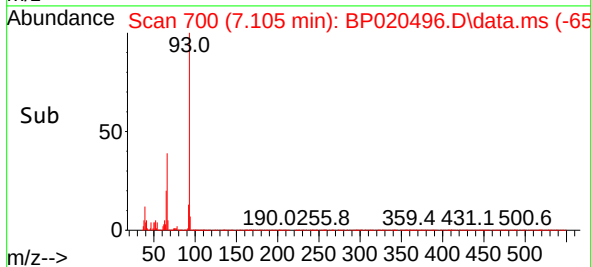
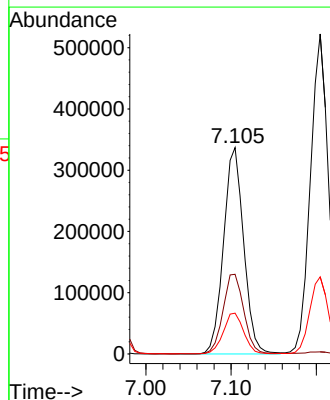
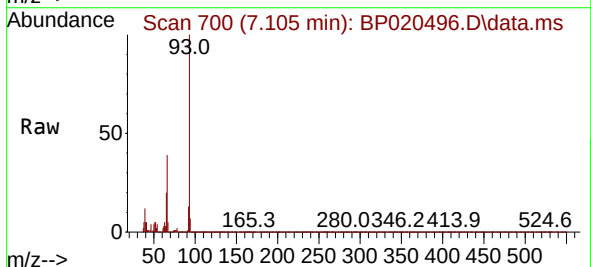
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PB161260BS

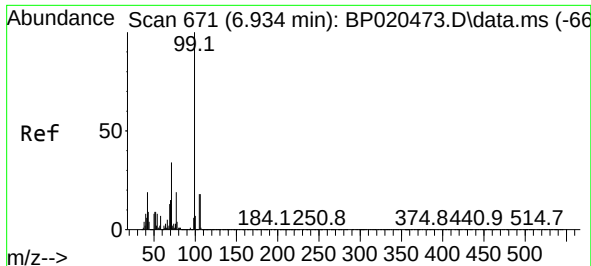
Tgt Ion:112 Resp: 2068104  
Ion Ratio Lower Upper  
112 100  
64 59.6 50.1 75.1  
63 30.9 25.7 38.5



#6  
Aniline  
Concen: 24.227 ng  
RT: 7.105 min Scan# 700  
Delta R.T. -0.006 min  
Lab File: BP020496.D  
Acq: 04 Jun 2024 13:56

Tgt Ion: 93 Resp: 552631  
Ion Ratio Lower Upper  
93 100  
66 38.6 32.8 49.2  
65 19.8 16.9 25.3



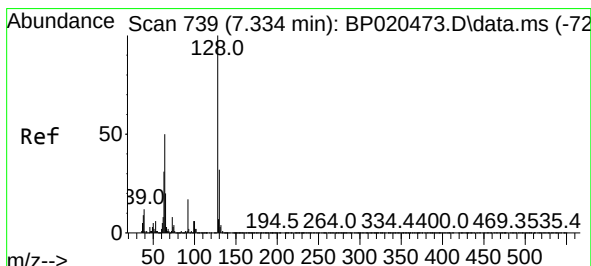
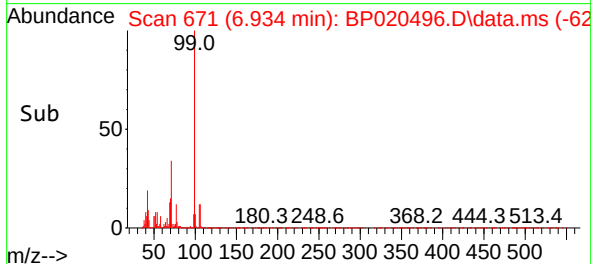
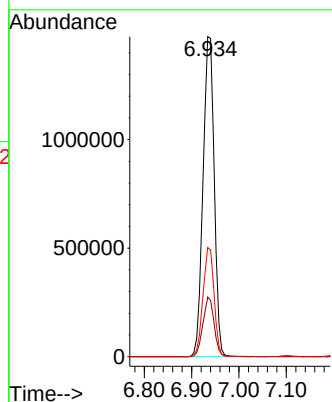
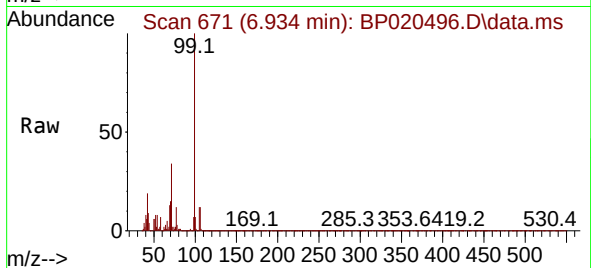


#7  
Phenol-d6  
Concen: 107.720 ng  
RT: 6.934 min Scan# 61  
Delta R.T. -0.000 min  
Lab File: BP020496.D  
Acq: 04 Jun 2024 13:56

Instrument :  
BNA\_P  
ClientSampleId :  
PB161260BS

Tgt Ion: 99 Resp: 2424959

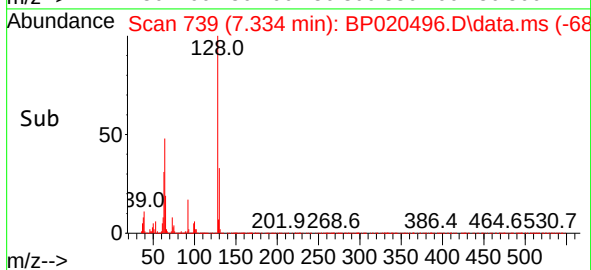
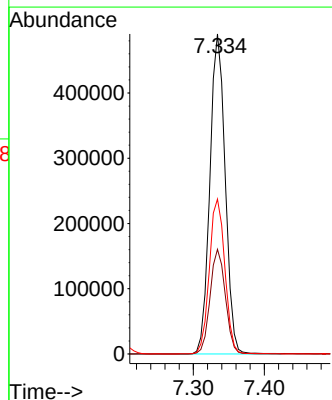
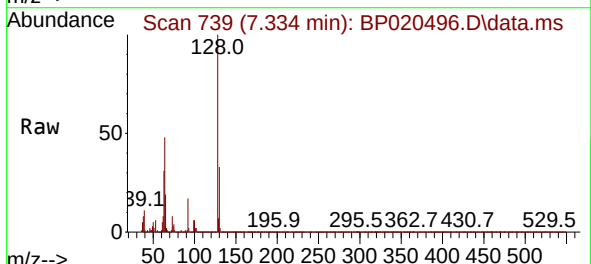
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|-----|-------|-------|-------|
| 99  | 100   |       |       |
| 42  | 18.7  | 15.0  | 22.4  |
| 71  | 34.1  | 27.3  | 40.9  |

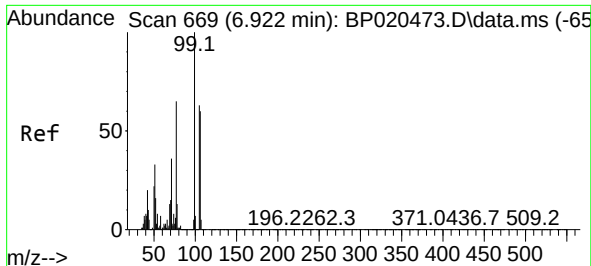


#8  
2-Chlorophenol  
Concen: 41.128 ng  
RT: 7.334 min Scan# 739  
Delta R.T. -0.000 min  
Lab File: BP020496.D  
Acq: 04 Jun 2024 13:56

Tgt Ion:128 Resp: 735965

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 128 | 100   |       |       |
| 130 | 32.7  | 12.4  | 52.4  |
| 64  | 48.4  | 29.6  | 69.6  |

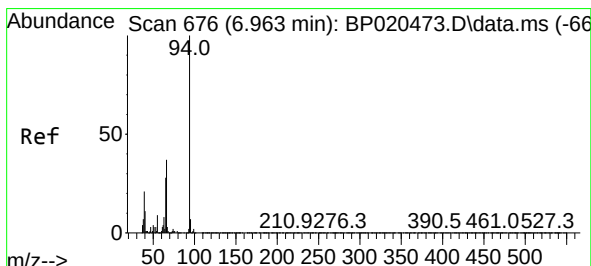
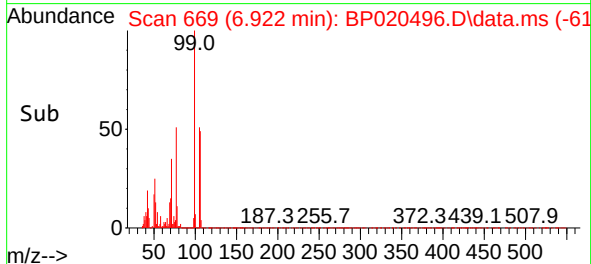
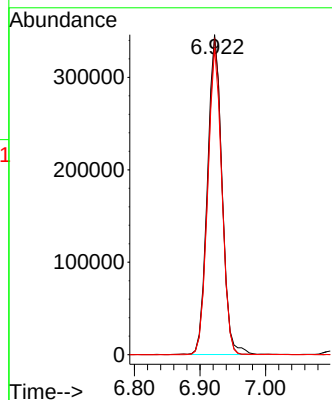
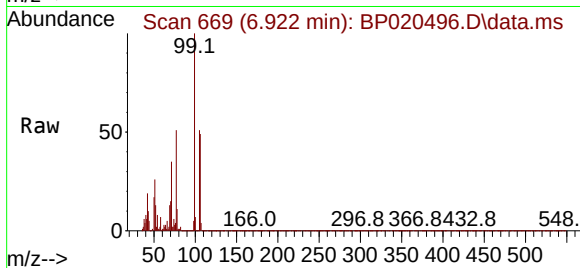




#9  
Benzaldehyde  
Concen: 36.980 ng  
RT: 6.922 min Scan# 609  
Delta R.T. 0.000 min  
Lab File: BP020496.D  
Acq: 04 Jun 2024 13:56

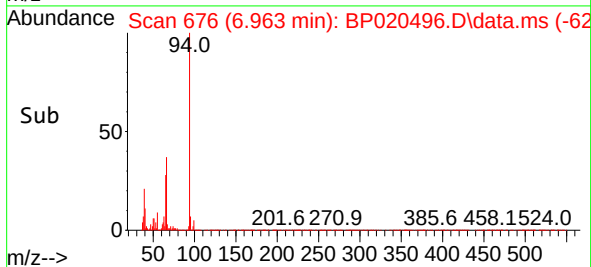
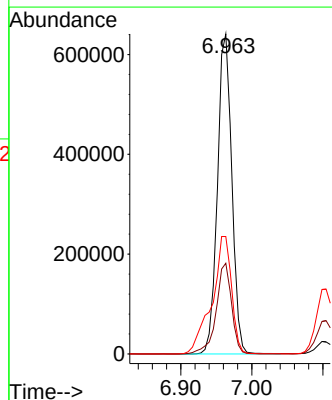
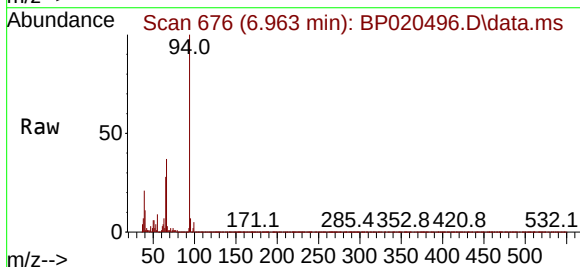
Instrument :  
BNA\_P  
ClientSampleId :  
PB161260BS

Tgt Ion: 77 Resp: 533999  
Ion Ratio Lower Upper  
77 100  
105 99.0 76.8 116.8  
106 95.7 72.0 112.0

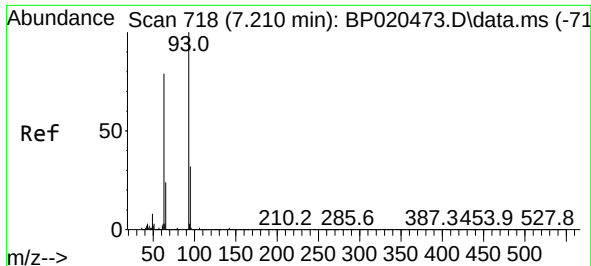


#10  
Phenol  
Concen: 38.849 ng  
RT: 6.963 min Scan# 676  
Delta R.T. -0.000 min  
Lab File: BP020496.D  
Acq: 04 Jun 2024 13:56

Tgt Ion: 94 Resp: 895831  
Ion Ratio Lower Upper  
94 100  
65 28.4 8.2 48.2  
66 36.7 17.2 57.2



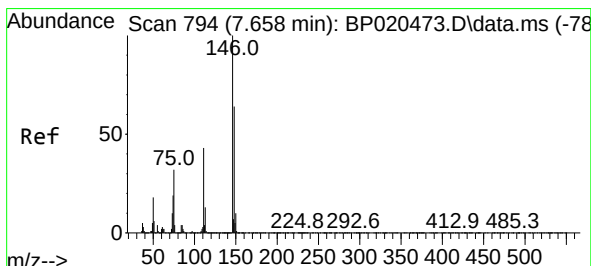
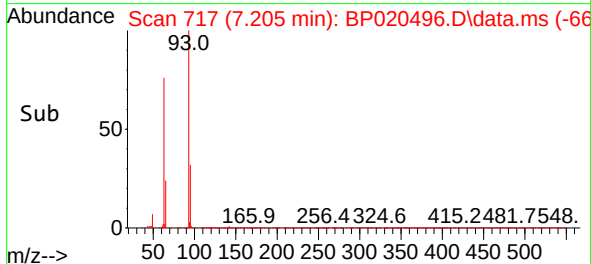
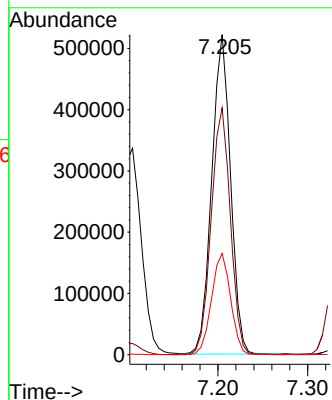
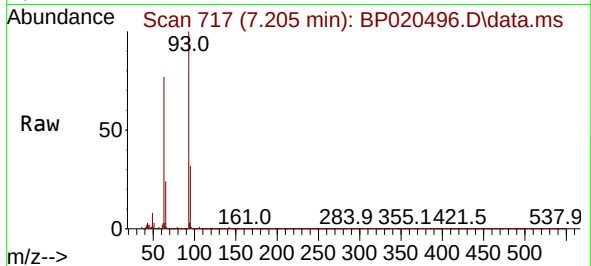




#11  
bis(2-Chloroethyl)ether  
Concen: 39.933 ng  
RT: 7.205 min Scan# 718  
Delta R.T. -0.006 min  
Lab File: BP020496.D  
Acq: 04 Jun 2024 13:56

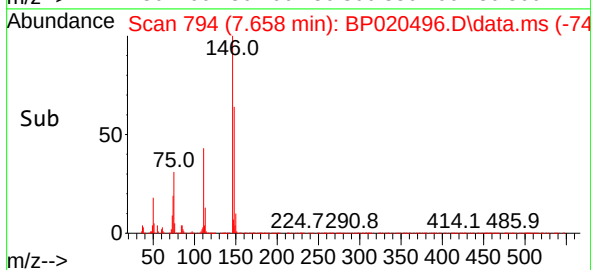
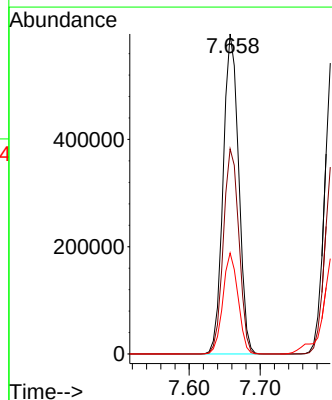
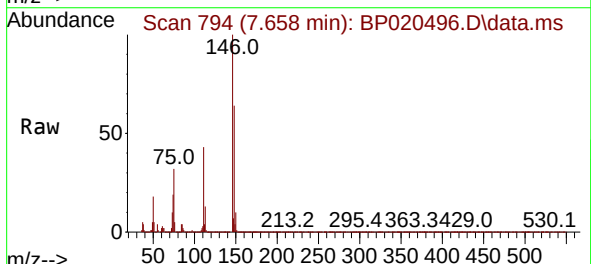
Instrument :  
BNA\_P  
ClientSampleId :  
PB161260BS

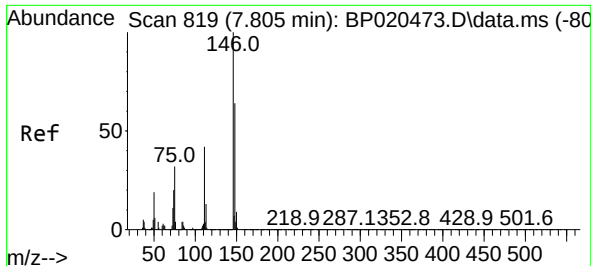
Tgt Ion: 93 Resp: 759392  
Ion Ratio Lower Upper  
93 100  
63 77.2 58.3 98.3  
95 31.6 12.3 52.3



#12  
1,3-Dichlorobenzene  
Concen: 42.729 ng  
RT: 7.658 min Scan# 794  
Delta R.T. -0.000 min  
Lab File: BP020496.D  
Acq: 04 Jun 2024 13:56

Tgt Ion: 146 Resp: 900866  
Ion Ratio Lower Upper  
146 100  
148 64.1 51.2 76.8  
75 31.5 25.3 37.9

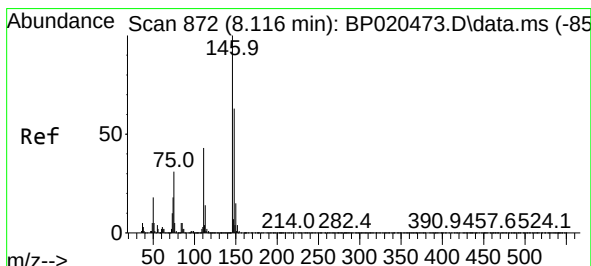
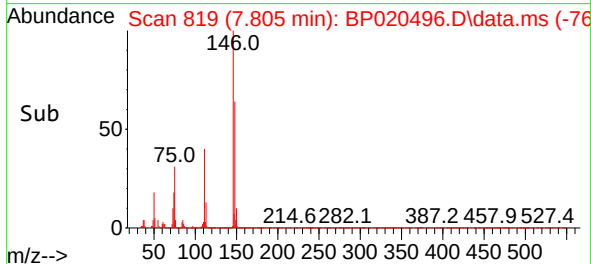
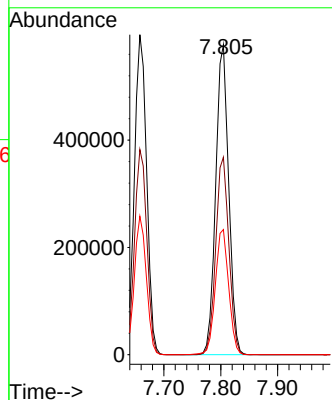
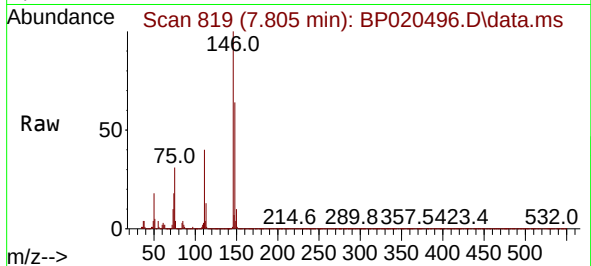




#13  
1,4-Dichlorobenzene  
Concen: 42.632 ng  
RT: 7.805 min Scan# 819  
Delta R.T. -0.000 min  
Lab File: BP020496.D  
Acq: 04 Jun 2024 13:56

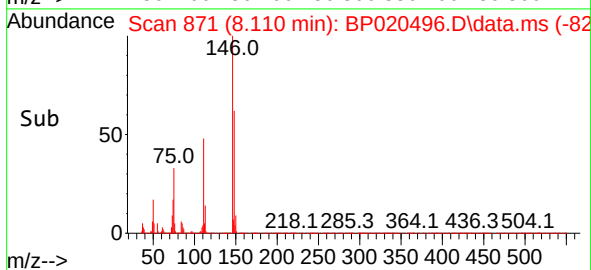
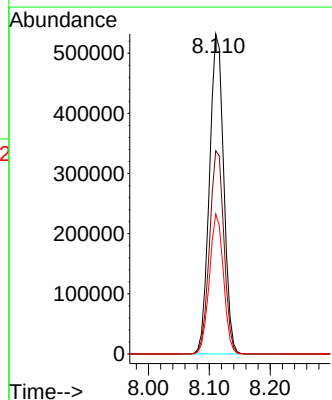
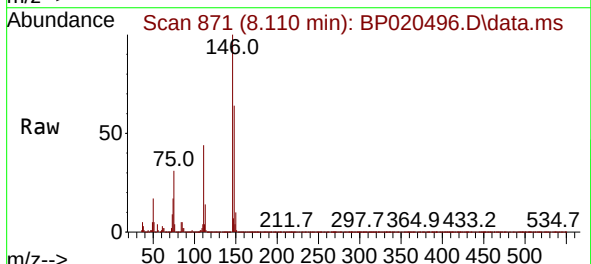
Instrument :  
BNA\_P  
ClientSampleId :  
PB161260BS

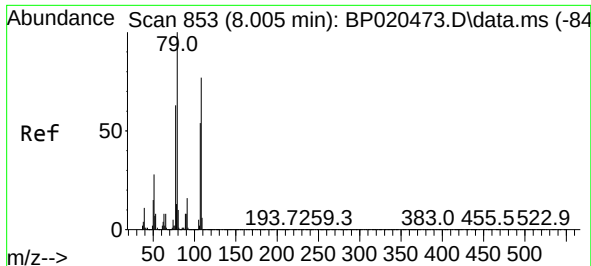
Tgt Ion:146 Resp: 913535  
Ion Ratio Lower Upper  
146 100  
148 63.7 50.8 76.2  
111 40.4 33.8 50.6



#14  
1,2-Dichlorobenzene  
Concen: 41.933 ng  
RT: 8.110 min Scan# 871  
Delta R.T. -0.006 min  
Lab File: BP020496.D  
Acq: 04 Jun 2024 13:56

Tgt Ion:146 Resp: 867185  
Ion Ratio Lower Upper  
146 100  
148 63.5 50.1 75.1  
111 43.7 34.4 51.6

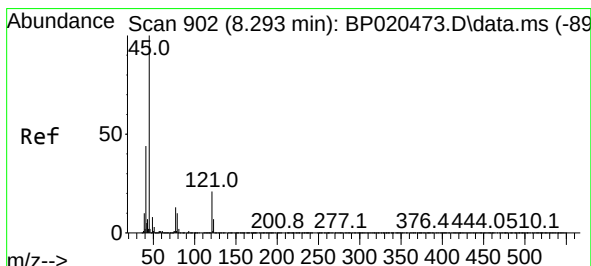
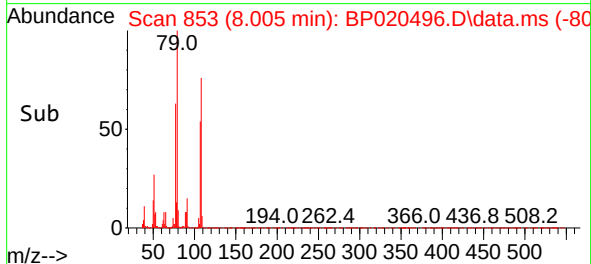
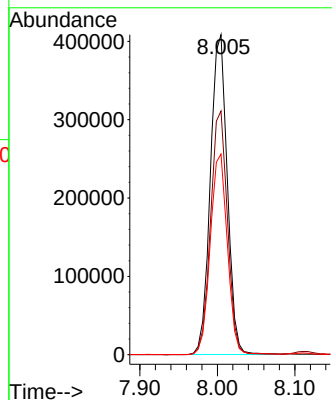
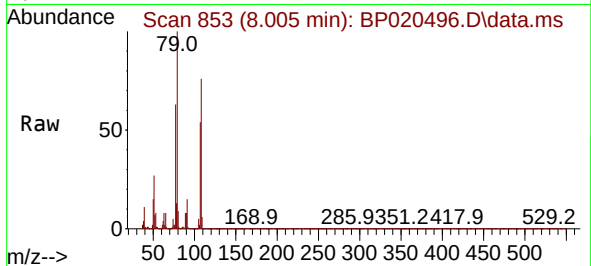




#15  
Benzyl Alcohol  
Concen: 37.195 ng  
RT: 8.005 min Scan# 853  
Delta R.T. -0.000 min  
Lab File: BP020496.D  
Acq: 04 Jun 2024 13:56

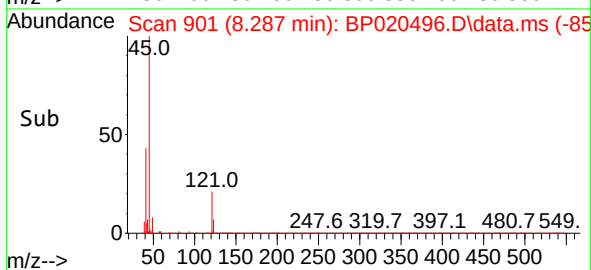
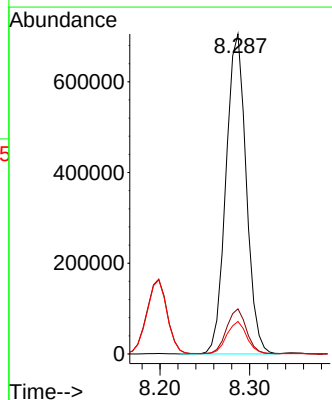
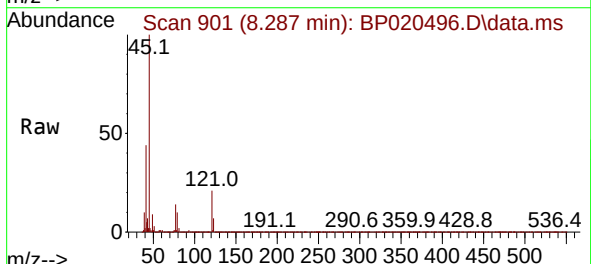
Instrument :  
BNA\_P  
ClientSampleId :  
PB161260BS

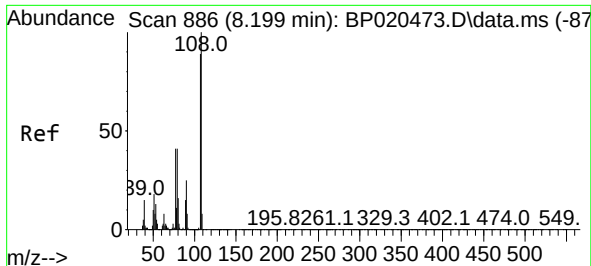
Tgt Ion: 79 Resp: 618504  
Ion Ratio Lower Upper  
79 100  
108 76.1 61.4 92.2  
77 62.7 50.2 75.2



#16  
2,2'-oxybis(1-Chloropropane)  
Concen: 38.912 ng  
RT: 8.287 min Scan# 901  
Delta R.T. -0.006 min  
Lab File: BP020496.D  
Acq: 04 Jun 2024 13:56

Tgt Ion: 45 Resp: 1104770  
Ion Ratio Lower Upper  
45 100  
77 14.1 0.0 33.6  
79 10.1 0.0 29.9

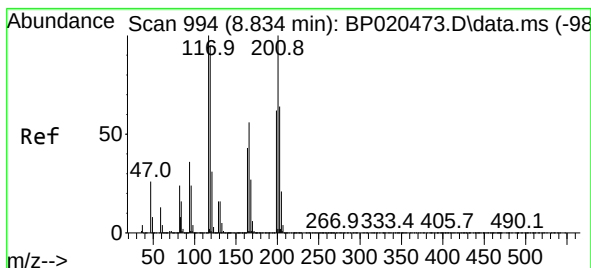
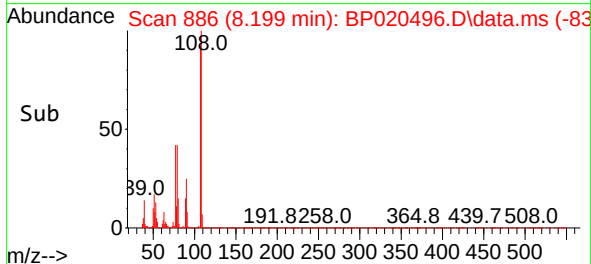
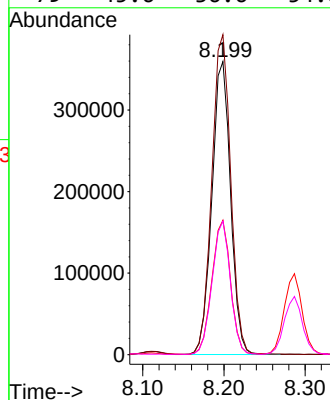
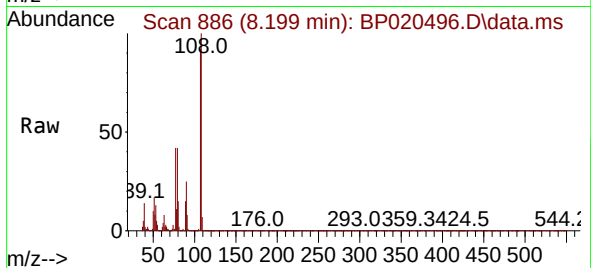




#17  
2-Methylphenol  
Concen: 36.724 ng  
RT: 8.199 min Scan# 886  
Delta R.T. -0.000 min  
Lab File: BP020496.D  
Acq: 04 Jun 2024 13:56

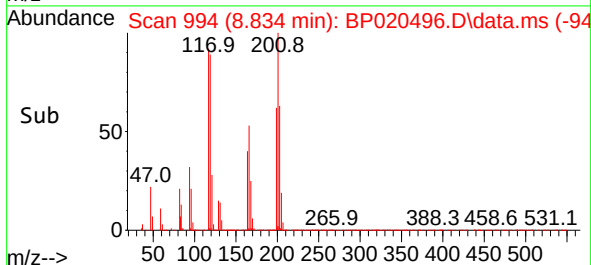
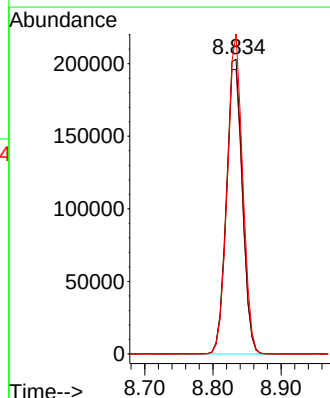
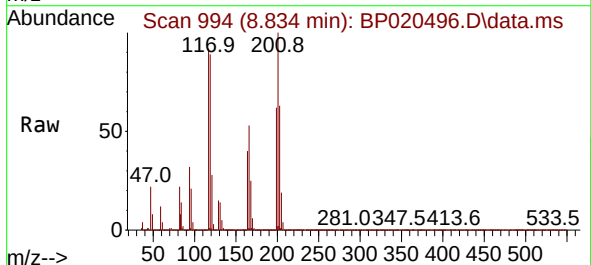
Instrument :  
BNA\_P  
ClientSampleId :  
PB161260BS

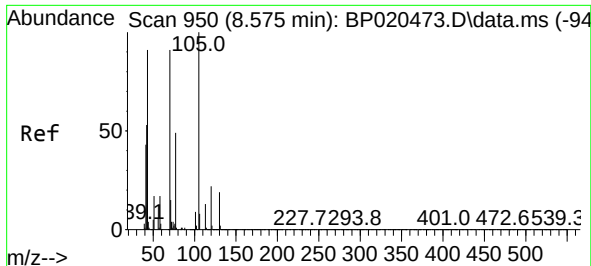
|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 107   | Resp: | 574666 |
| Ion      | Ratio | Lower | Upper  |
| 107      | 100   |       |        |
| 108      | 109.2 | 89.4  | 134.2  |
| 77       | 45.9  | 36.6  | 55.0   |
| 79       | 45.6  | 36.6  | 54.8   |



#18  
Hexachloroethane  
Concen: 42.315 ng  
RT: 8.834 min Scan# 994  
Delta R.T. -0.000 min  
Lab File: BP020496.D  
Acq: 04 Jun 2024 13:56

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 117   | Resp: | 331094 |
| Ion      | Ratio | Lower | Upper  |
| 117      | 100   |       |        |
| 119      | 96.5  | 76.3  | 114.5  |
| 201      | 108.6 | 79.9  | 119.9  |

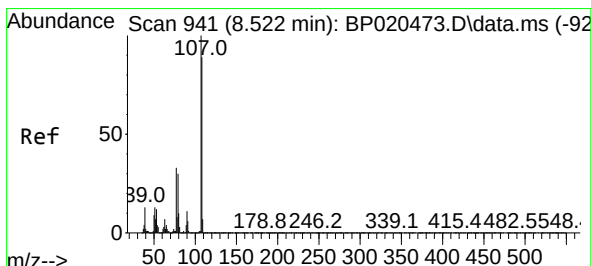
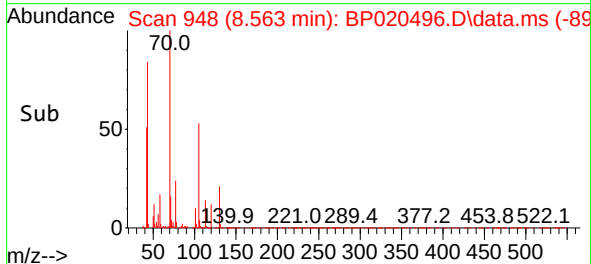
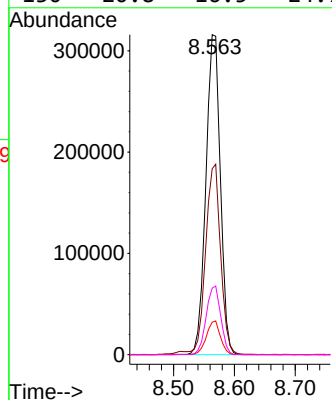
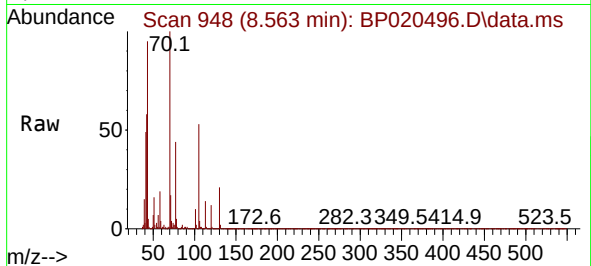




#19  
n-Nitroso-di-n-propylamine  
Concen: 33.965 ng  
RT: 8.563 min Scan# 94  
Delta R.T. -0.012 min  
Lab File: BP020496.D  
Acq: 04 Jun 2024 13:56

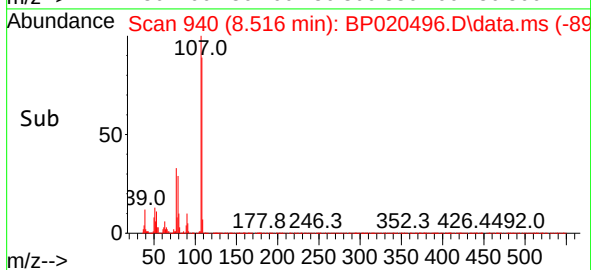
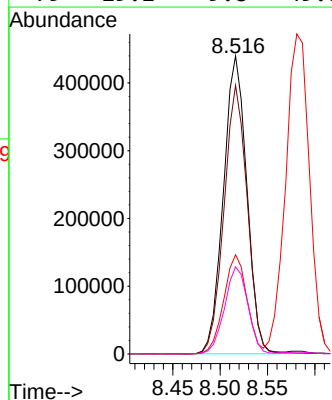
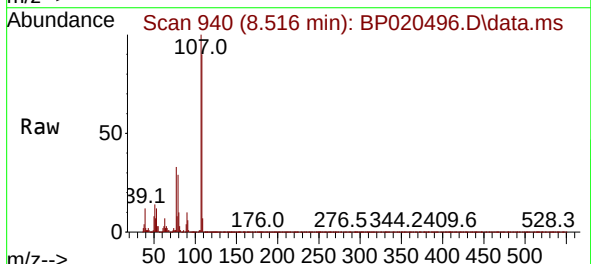
Instrument :  
BNA\_P  
ClientSampleId :  
PB161260BS

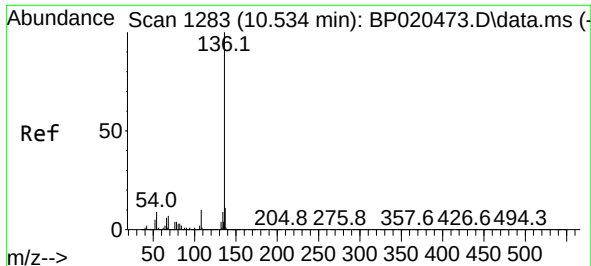
|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 70    | Resp: | 521976 |
| Ion      | Ratio | Lower | Upper  |
| 70       | 100   |       |        |
| 42       | 58.1  | 47.4  | 71.0   |
| 101      | 10.2  | 7.8   | 11.8   |
| 130      | 20.8  | 16.5  | 24.7   |



#20  
3+4-Methylphenols  
Concen: 35.496 ng  
RT: 8.516 min Scan# 940  
Delta R.T. -0.006 min  
Lab File: BP020496.D  
Acq: 04 Jun 2024 13:56

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 107   | Resp: | 755489 |
| Ion      | Ratio | Lower | Upper  |
| 107      | 100   |       |        |
| 108      | 90.1  | 69.2  | 109.2  |
| 77       | 33.3  | 13.5  | 53.5   |
| 79       | 29.2  | 9.8   | 49.8   |

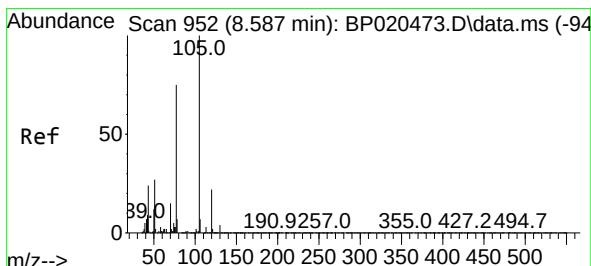
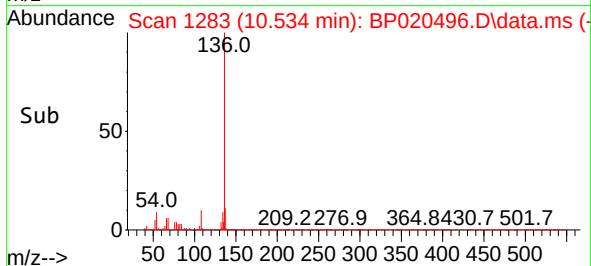
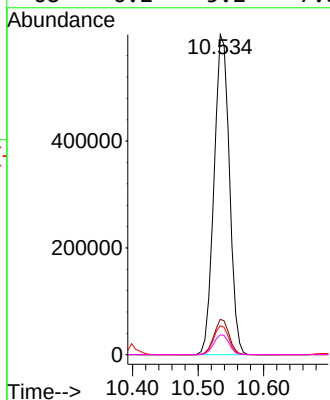
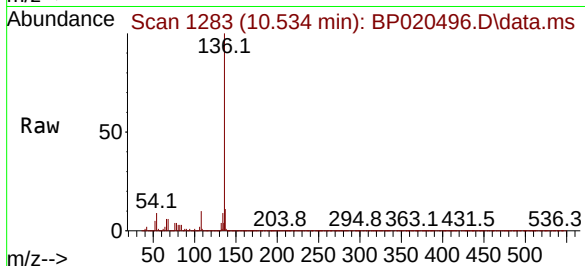




#21  
Naphthalene-d8  
Concen: 20.000 ng  
RT: 10.534 min Scan# 11  
Delta R.T. -0.000 min  
Lab File: BP020496.D  
Acq: 04 Jun 2024 13:56

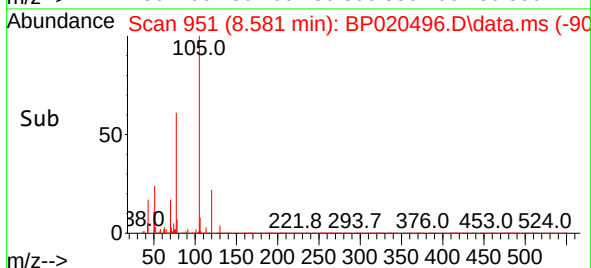
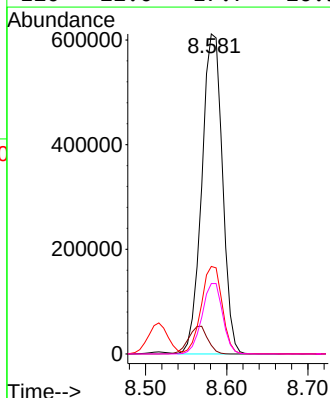
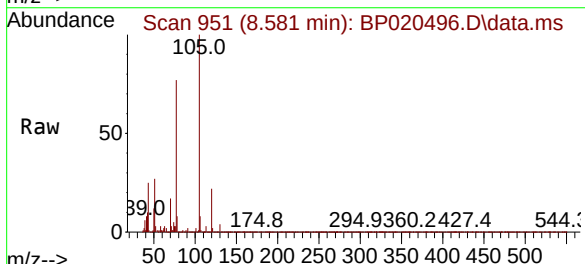
Instrument :  
BNA\_P  
ClientSampleId :  
PB161260BS

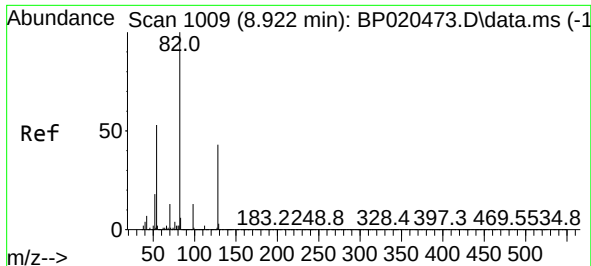
|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 136   | Resp: | 970833 |
| Ion      | Ratio | Lower | Upper  |
| 136      | 100   |       |        |
| 137      | 11.1  | 9.0   | 13.4   |
| 54       | 9.1   | 7.4   | 11.0   |
| 68       | 6.2   | 5.2   | 7.8    |



#22  
Acetophenone  
Concen: 44.712 ng  
RT: 8.581 min Scan# 951  
Delta R.T. -0.006 min  
Lab File: BP020496.D  
Acq: 04 Jun 2024 13:56

|          |       |       |         |
|----------|-------|-------|---------|
| Tgt Ion: | 105   | Resp: | 1077486 |
| Ion      | Ratio | Lower | Upper   |
| 105      | 100   |       |         |
| 71       | 2.7   | 2.3   | 3.5     |
| 51       | 27.3  | 22.6  | 33.8    |
| 120      | 22.0  | 17.7  | 26.5    |

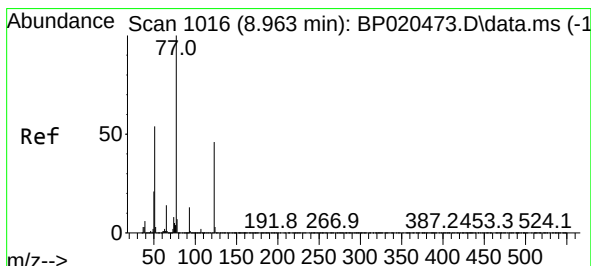
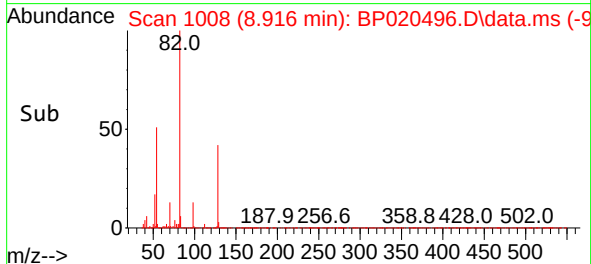
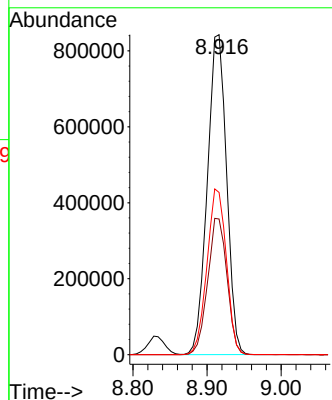
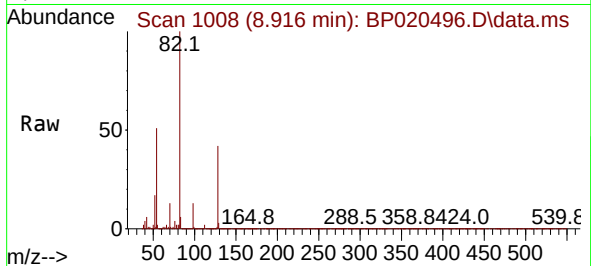




#23  
Nitrobenzene-d5  
Concen: 85.785 ng  
RT: 8.916 min Scan# 1008  
Delta R.T. -0.006 min  
Lab File: BP020496.D  
Acq: 04 Jun 2024 13:56

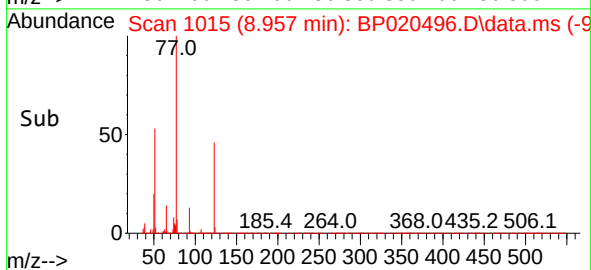
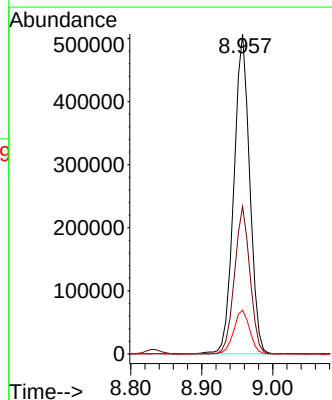
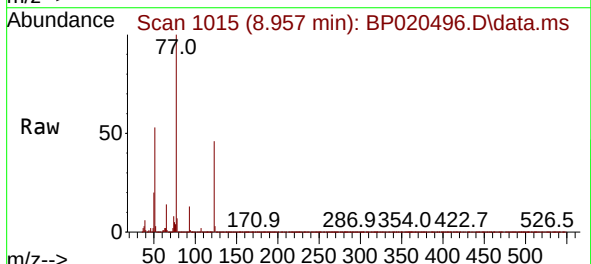
Instrument :  
BNA\_P  
ClientSampleId :  
PB161260BS

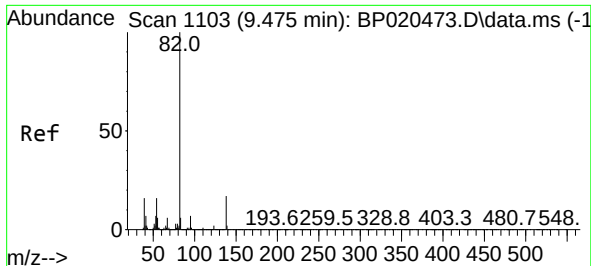
Tgt Ion: 82 Resp: 1521433  
Ion Ratio Lower Upper  
82 100  
128 42.4 34.2 51.4  
54 50.7 42.7 64.1



#24  
Nitrobenzene  
Concen: 43.632 ng  
RT: 8.957 min Scan# 1015  
Delta R.T. -0.006 min  
Lab File: BP020496.D  
Acq: 04 Jun 2024 13:56

Tgt Ion: 77 Resp: 785353  
Ion Ratio Lower Upper  
77 100  
123 46.1 36.6 54.8  
65 13.6 11.1 16.7

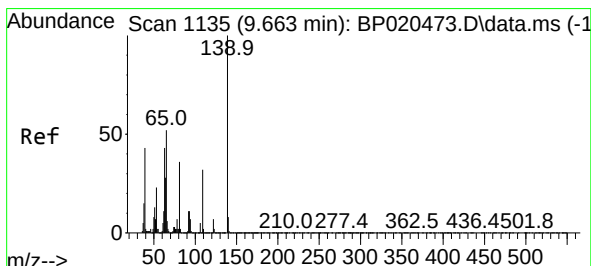
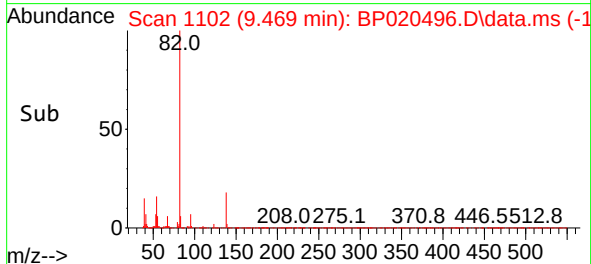
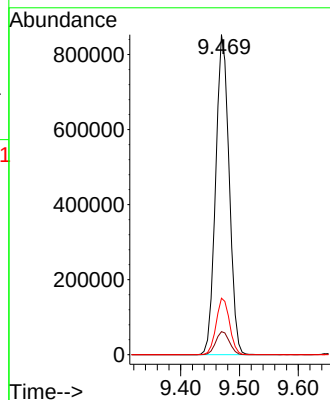
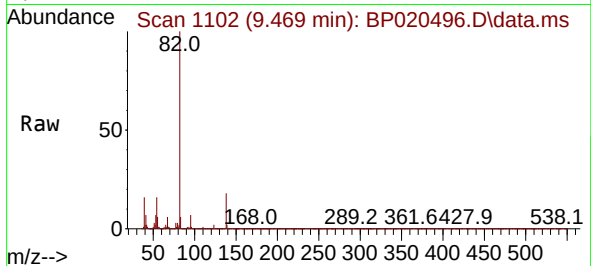




#25  
Isophorone  
Concen: 39.430 ng  
RT: 9.469 min Scan# 1103  
Delta R.T. -0.006 min  
Lab File: BP020496.D  
Acq: 04 Jun 2024 13:56

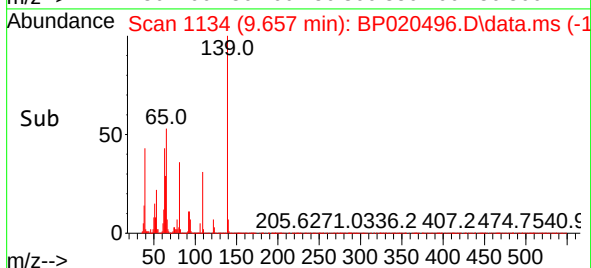
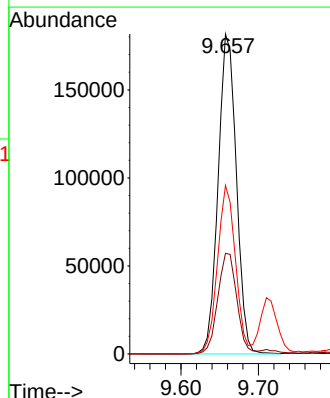
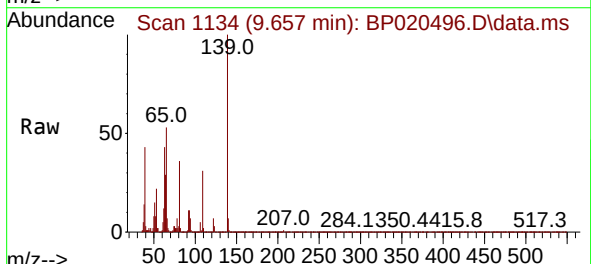
Instrument :  
BNA\_P  
ClientSampleId :  
PB161260BS

Tgt Ion: 82 Resp: 1358701  
Ion Ratio Lower Upper  
82 100  
95 7.2 5.8 8.6  
138 17.7 13.8 20.6

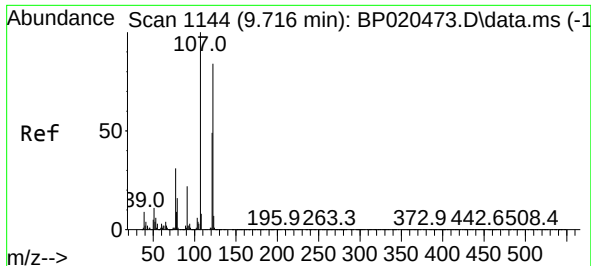


#26  
2-Nitrophenol  
Concen: 42.283 ng  
RT: 9.657 min Scan# 1134  
Delta R.T. -0.006 min  
Lab File: BP020496.D  
Acq: 04 Jun 2024 13:56

Tgt Ion: 139 Resp: 297571  
Ion Ratio Lower Upper  
139 100  
109 31.4 25.8 38.8  
65 52.6 41.8 62.8







#27

2,4-Dimethylphenol

Concen: 46.133 ng

RT: 9.710 min Scan# 1144

Delta R.T. -0.006 min

Lab File: BP020496.D

Acq: 04 Jun 2024 13:56

Instrument :

BNA\_P

ClientSampleId :

PB161260BS

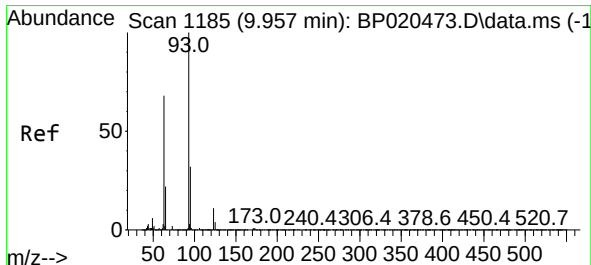
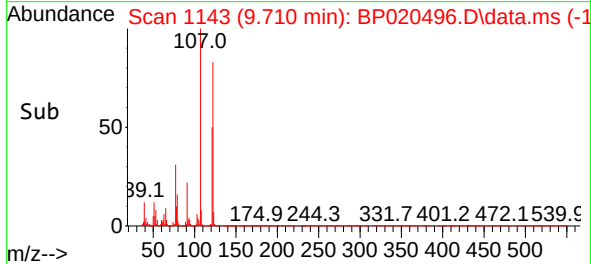
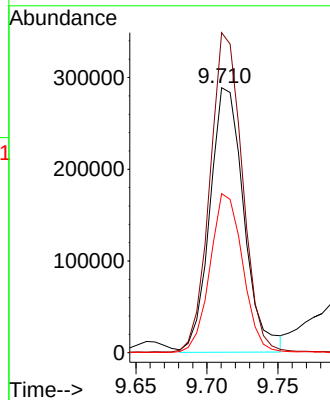
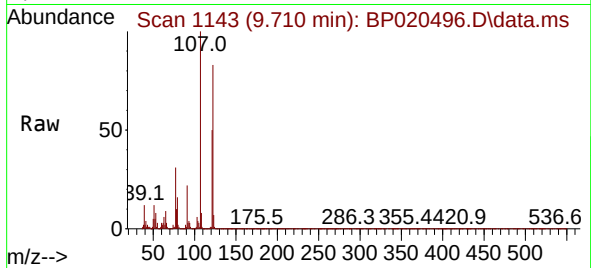
Tgt Ion:122 Resp: 480254

Ion Ratio Lower Upper

122 100

107 120.8 95.0 142.4

121 60.0 46.1 69.1



#28

bis(2-Chloroethoxy)methane

Concen: 41.307 ng

RT: 9.957 min Scan# 1185

Delta R.T. -0.000 min

Lab File: BP020496.D

Acq: 04 Jun 2024 13:56

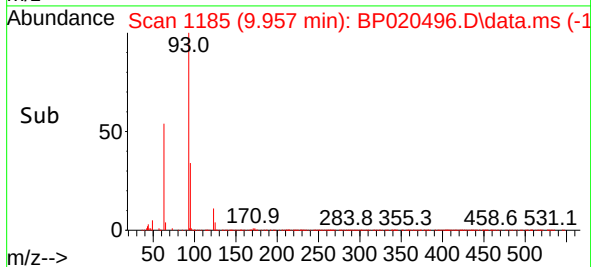
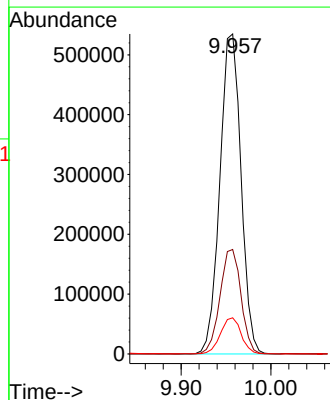
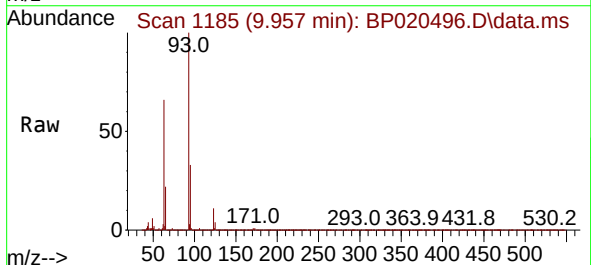
Tgt Ion: 93 Resp: 874873

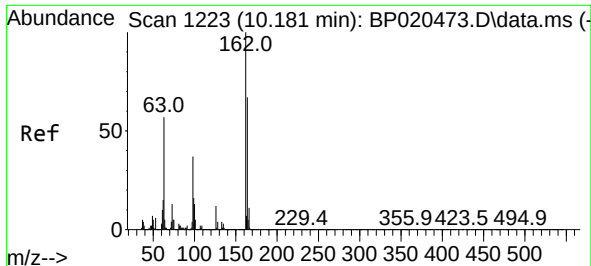
Ion Ratio Lower Upper

93 100

95 32.7 25.8 38.8

123 11.3 9.0 13.4





#29

2,4-Dichlorophenol

Concen: 43.552 ng

RT: 10.175 min Scan# 1222

Delta R.T. -0.006 min

Lab File: BP020496.D

Acq: 04 Jun 2024 13:56

Instrument :

BNA\_P

ClientSampleId :

PB161260BS

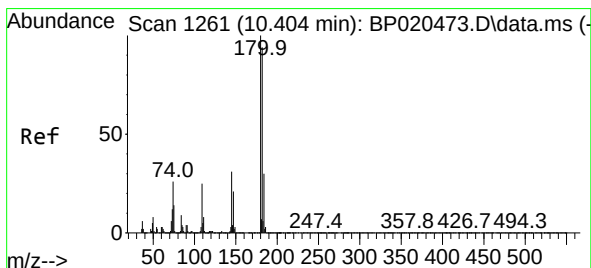
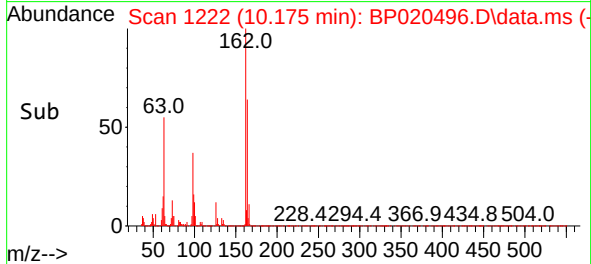
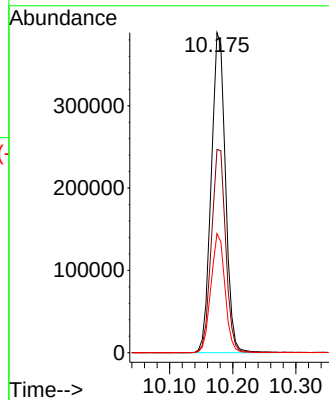
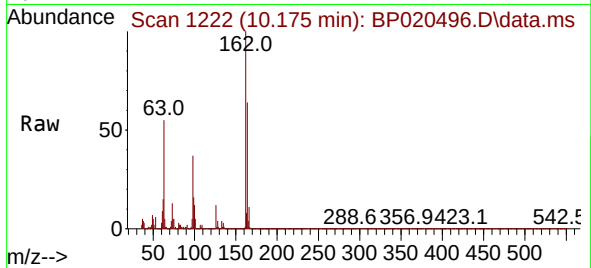
Tgt Ion:162 Resp: 608259

Ion Ratio Lower Upper

162 100

164 63.5 46.5 86.5

98 37.2 17.4 57.4



#30

1,2,4-Trichlorobenzene

Concen: 45.085 ng

RT: 10.404 min Scan# 1261

Delta R.T. -0.000 min

Lab File: BP020496.D

Acq: 04 Jun 2024 13:56

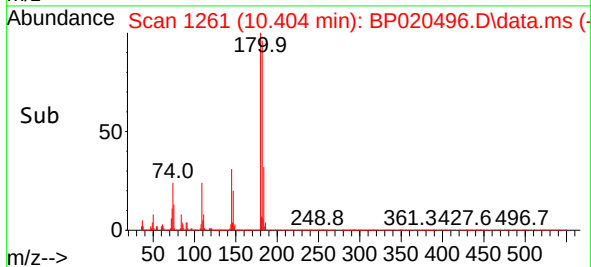
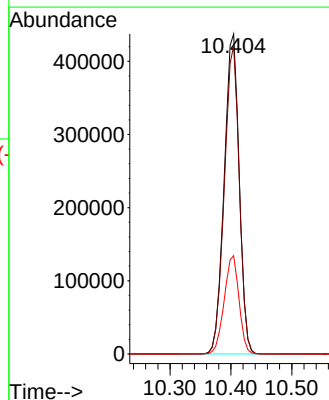
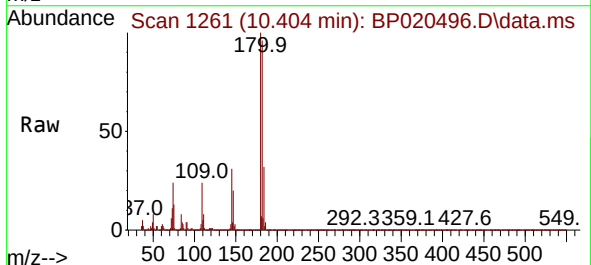
Tgt Ion:180 Resp: 747532

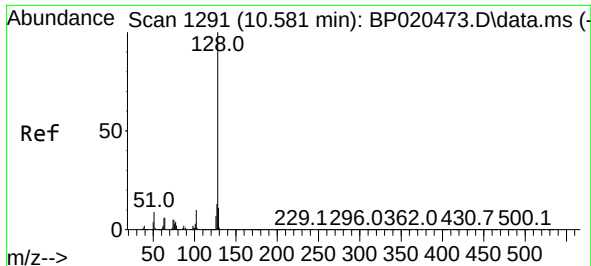
Ion Ratio Lower Upper

180 100

182 96.2 75.2 112.8

145 30.7 24.9 37.3

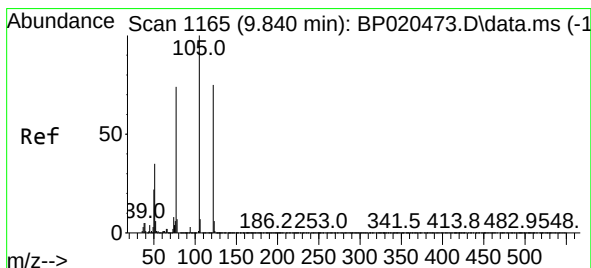
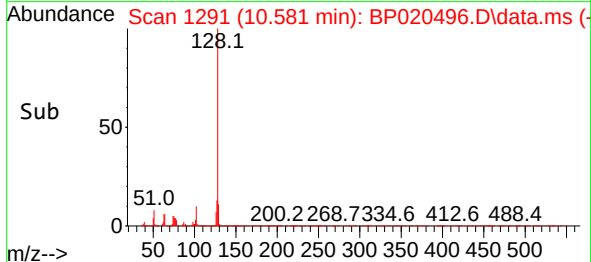
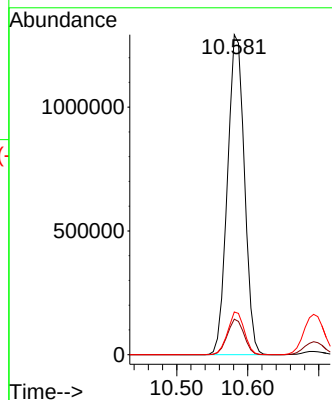
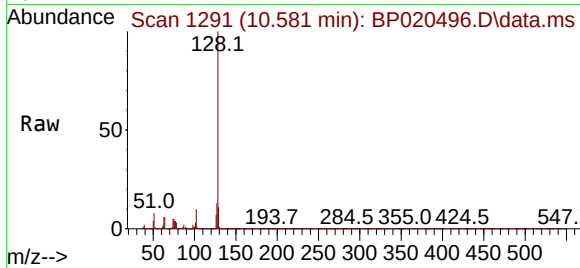




#31  
Naphthalene  
Concen: 43.110 ng  
RT: 10.581 min Scan# 1291  
Delta R.T. -0.000 min  
Lab File: BP020496.D  
Acq: 04 Jun 2024 13:56

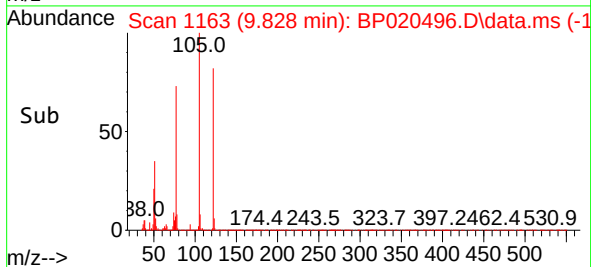
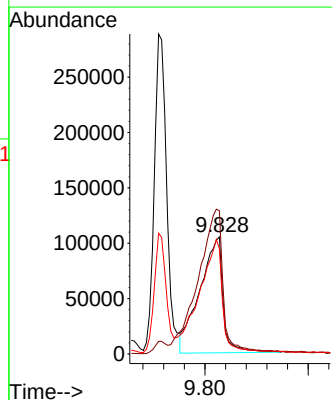
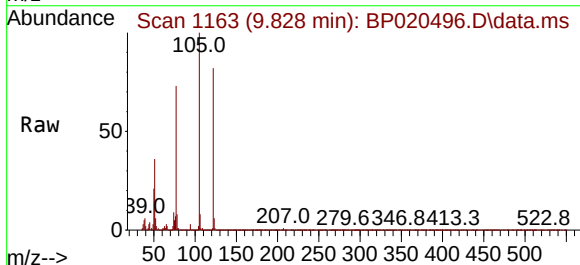
Instrument :  
BNA\_P  
ClientSampleId :  
PB161260BS

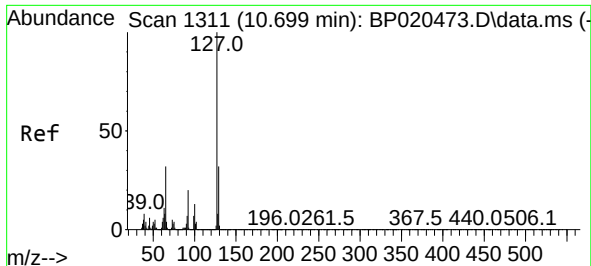
Tgt Ion:128 Resp: 2139588  
Ion Ratio Lower Upper  
128 100  
129 11.1 8.9 13.3  
127 13.3 10.5 15.7



#32  
Benzoic acid  
Concen: 35.319 ng  
RT: 9.828 min Scan# 1163  
Delta R.T. -0.012 min  
Lab File: BP020496.D  
Acq: 04 Jun 2024 13:56

Tgt Ion:122 Resp: 328438  
Ion Ratio Lower Upper  
122 100  
105 122.5 107.5 147.5  
77 90.0 76.1 116.1

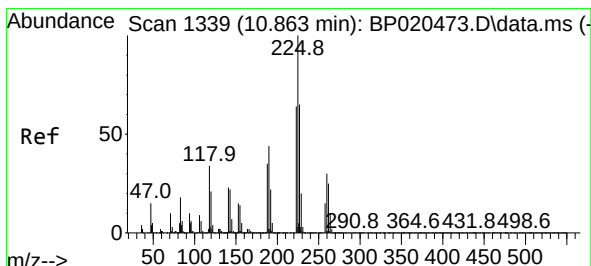
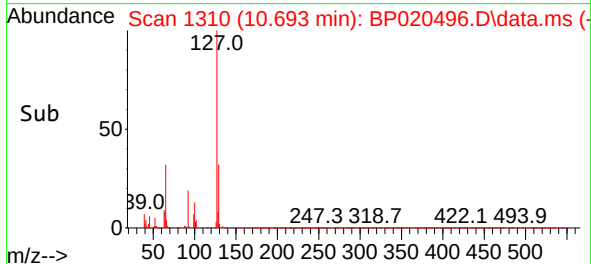
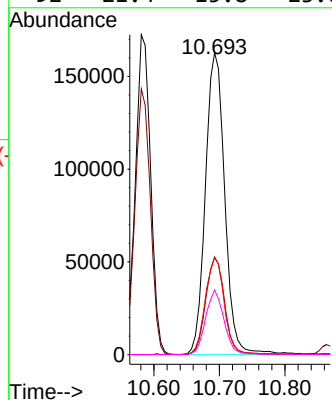
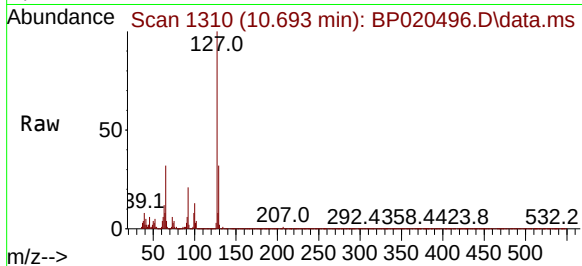




#33  
4-Chloroaniline  
Concen: 17.406 ng  
RT: 10.693 min Scan# 11  
Delta R.T. -0.006 min  
Lab File: BP020496.D  
Acq: 04 Jun 2024 13:56

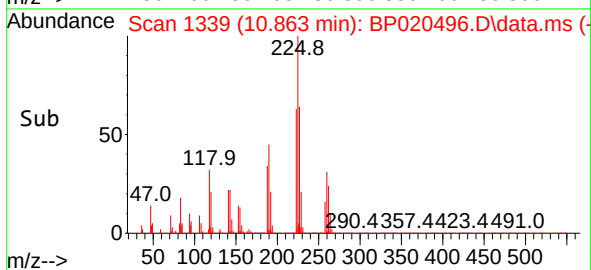
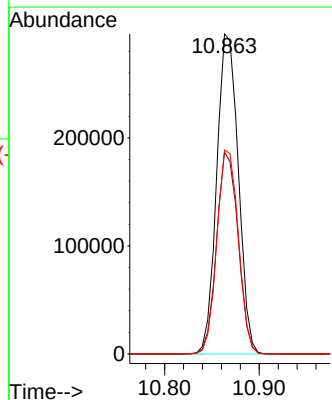
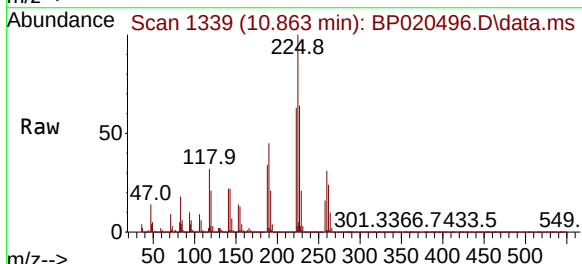
Instrument :  
BNA\_P  
ClientSampleId :  
PB161260BS

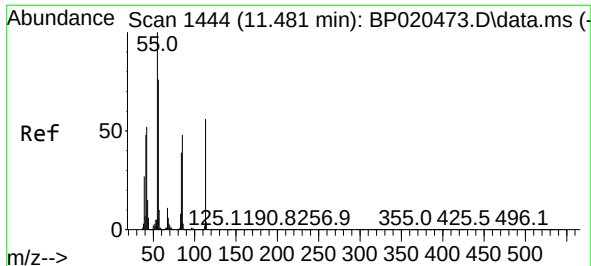
|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 127   | Resp: | 334172 |
| Ion      | Ratio | Lower | Upper  |
| 127      | 100   |       |        |
| 129      | 32.3  | 26.0  | 39.0   |
| 65       | 32.0  | 25.4  | 38.2   |
| 92       | 21.4  | 15.8  | 23.6   |



#34  
Hexachlorobutadiene  
Concen: 45.062 ng  
RT: 10.863 min Scan# 1339  
Delta R.T. -0.000 min  
Lab File: BP020496.D  
Acq: 04 Jun 2024 13:56

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 225   | Resp: | 470644 |
| Ion      | Ratio | Lower | Upper  |
| 225      | 100   |       |        |
| 223      | 63.1  | 51.3  | 76.9   |
| 227      | 63.7  | 51.6  | 77.4   |

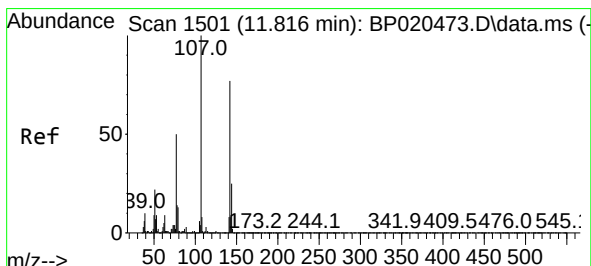
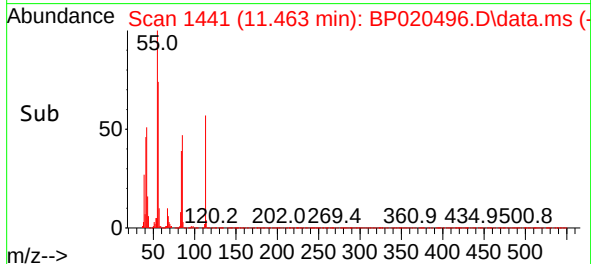
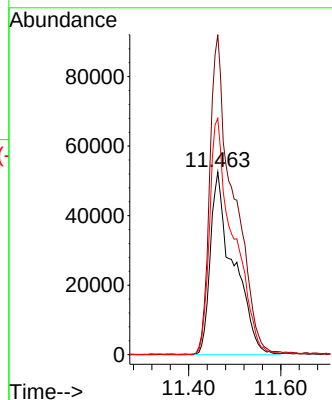
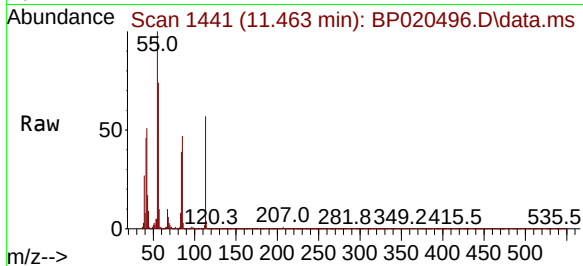




#35  
Caprolactam  
Concen: 35.735 ng  
RT: 11.463 min Scan# 1444  
Delta R.T. -0.018 min  
Lab File: BP020496.D  
Acq: 04 Jun 2024 13:56

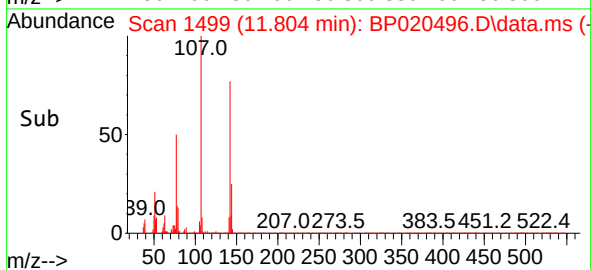
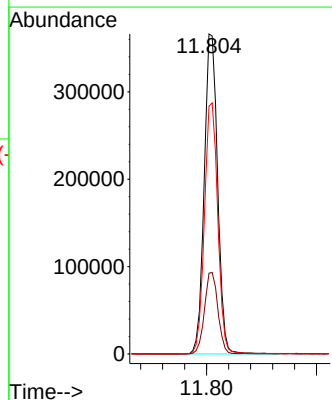
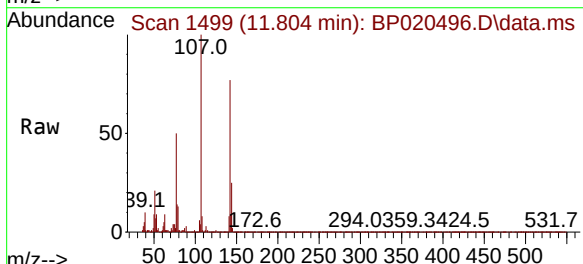
Instrument :  
BNA\_P  
ClientSampleId :  
PB161260BS

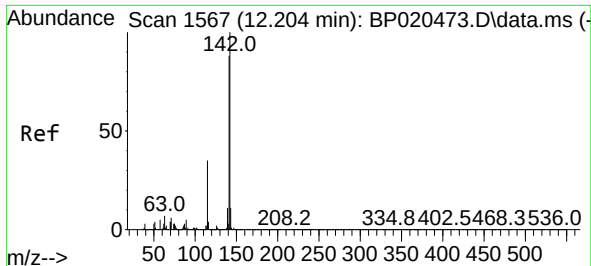
Tgt Ion:113 Resp: 182898  
Ion Ratio Lower Upper  
113 100  
55 175.1 158.7 198.7  
56 129.2 115.4 155.4



#36  
4-Chloro-3-methylphenol  
Concen: 37.826 ng  
RT: 11.804 min Scan# 1499  
Delta R.T. -0.012 min  
Lab File: BP020496.D  
Acq: 04 Jun 2024 13:56

Tgt Ion:107 Resp: 618543  
Ion Ratio Lower Upper  
107 100  
144 25.2 20.0 30.0  
142 77.5 61.4 92.2

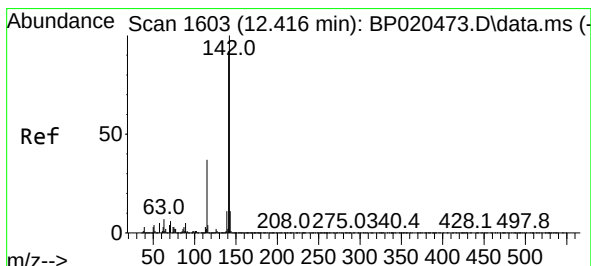
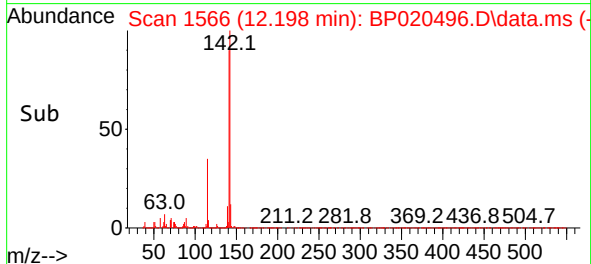
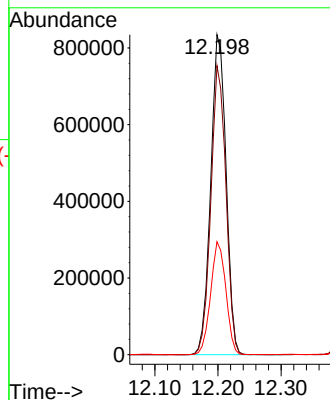
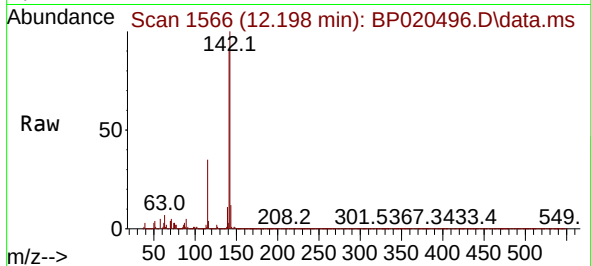




#37  
2-Methylnaphthalene  
Concen: 39.628 ng  
RT: 12.198 min Scan# 1566  
Delta R.T. -0.006 min  
Lab File: BP020496.D  
Acq: 04 Jun 2024 13:56

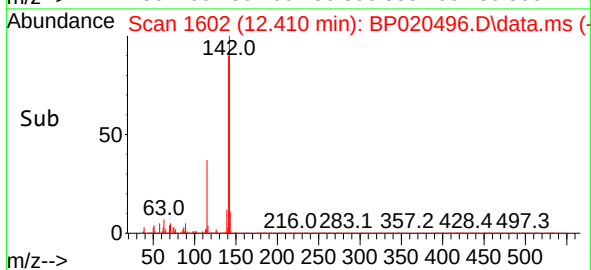
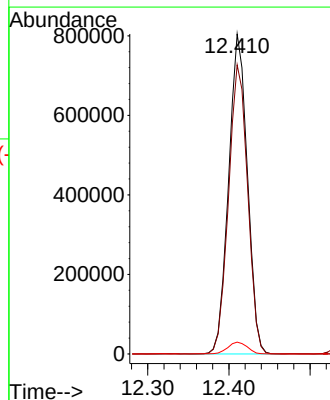
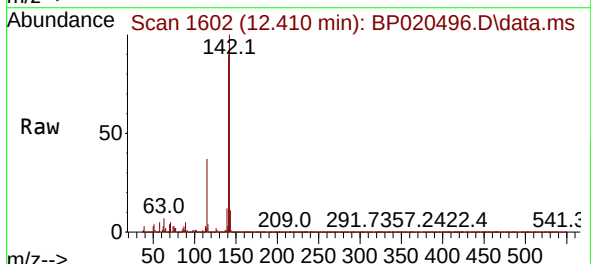
Instrument :  
BNA\_P  
ClientSampleId :  
PB161260BS

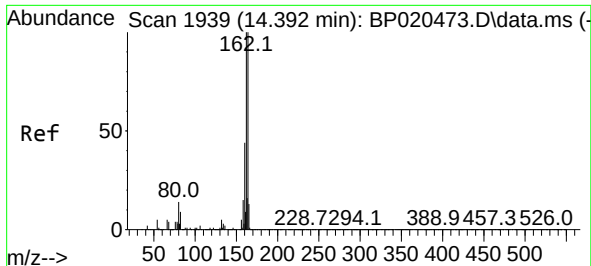
Tgt Ion:142 Resp: 1409292  
Ion Ratio Lower Upper  
142 100  
141 90.3 70.3 105.5  
115 35.3 28.0 42.0



#38  
1-Methylnaphthalene  
Concen: 36.621 ng  
RT: 12.410 min Scan# 1602  
Delta R.T. -0.006 min  
Lab File: BP020496.D  
Acq: 04 Jun 2024 13:56

Tgt Ion:142 Resp: 1291005  
Ion Ratio Lower Upper  
142 100  
141 90.4 73.7 110.5  
116 3.7 3.2 4.8

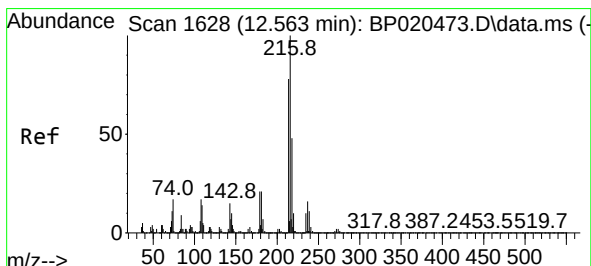
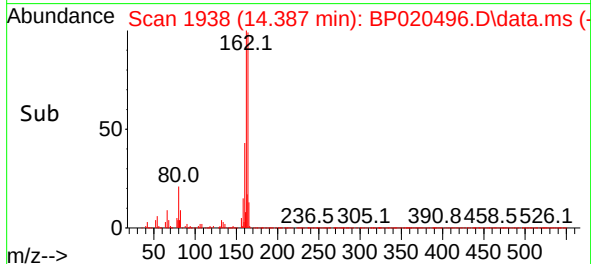
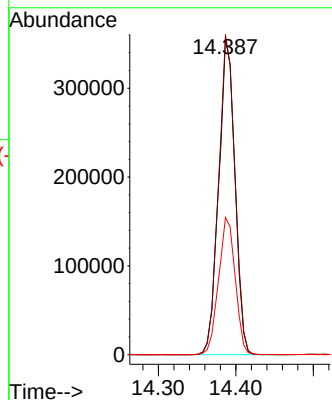
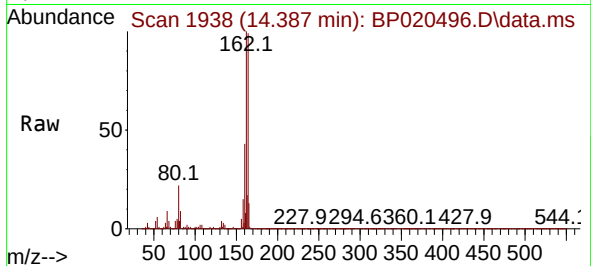




#39  
Acenaphthene-d10  
Concen: 20.000 ng  
RT: 14.387 min Scan# 1938  
Delta R.T. -0.005 min  
Lab File: BP020496.D  
Acq: 04 Jun 2024 13:56

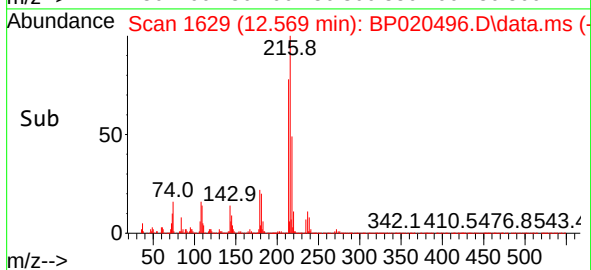
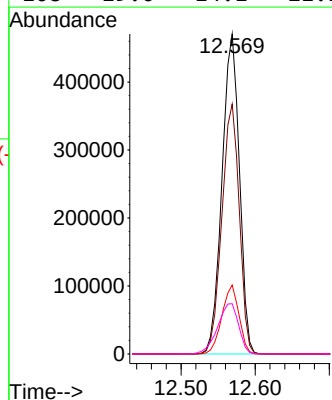
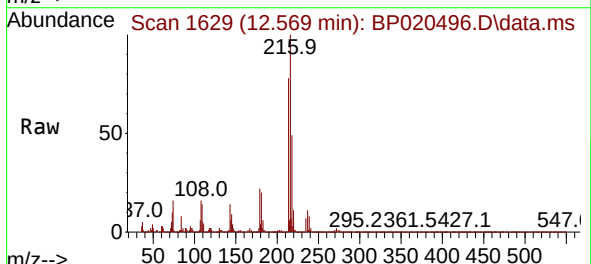
Instrument :  
BNA\_P  
ClientSampleId :  
PB161260BS

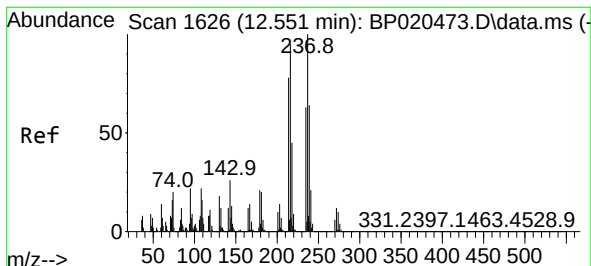
Tgt Ion:164 Resp: 517798  
Ion Ratio Lower Upper  
164 100  
162 101.4 80.3 120.5  
160 43.5 35.4 53.2



#40  
1,2,4,5-Tetrachlorobenzene  
Concen: 51.100 ng  
RT: 12.569 min Scan# 1629  
Delta R.T. 0.006 min  
Lab File: BP020496.D  
Acq: 04 Jun 2024 13:56

Tgt Ion:216 Resp: 765561  
Ion Ratio Lower Upper  
216 100  
214 78.2 63.0 94.4  
179 21.1 16.9 25.3  
108 19.0 14.1 21.1





#41

Hexachlorocyclopentadiene

Concen: 141.738 ng

RT: 12.545 min Scan# 1

Delta R.T. -0.006 min

Lab File: BP020496.D

Acq: 04 Jun 2024 13:56

Instrument :

BNA\_P

ClientSampleId :

PB161260BS

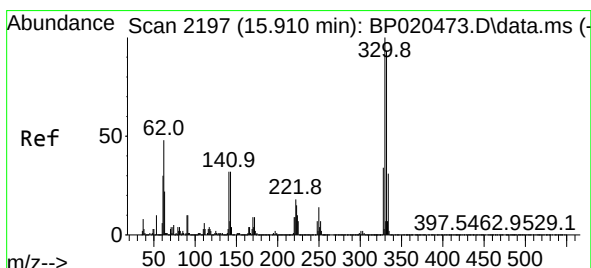
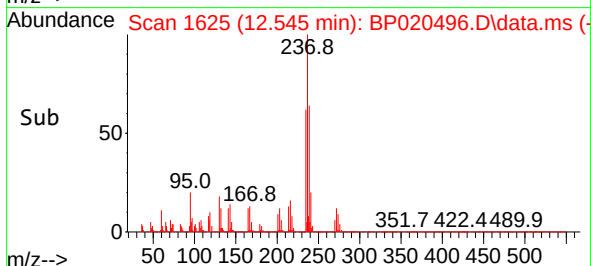
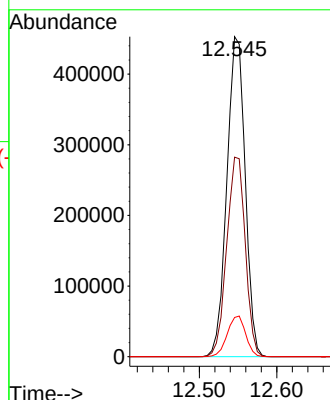
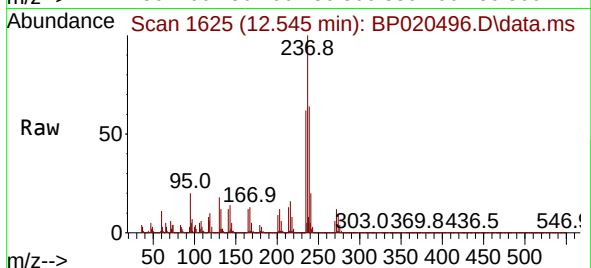
Tgt Ion:237 Resp: 746285

Ion Ratio Lower Upper

237 100

235 62.4 43.1 83.1

272 12.2 0.0 32.4



#42

2,4,6-Tribromophenol

Concen: 134.882 ng

RT: 15.904 min Scan# 2196

Delta R.T. -0.006 min

Lab File: BP020496.D

Acq: 04 Jun 2024 13:56

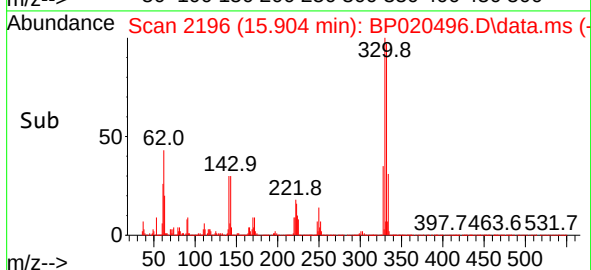
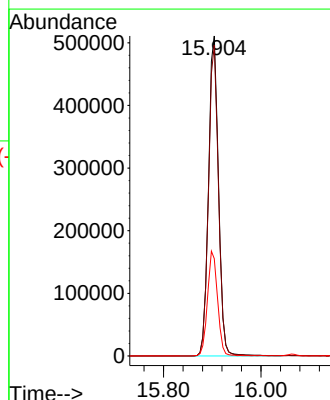
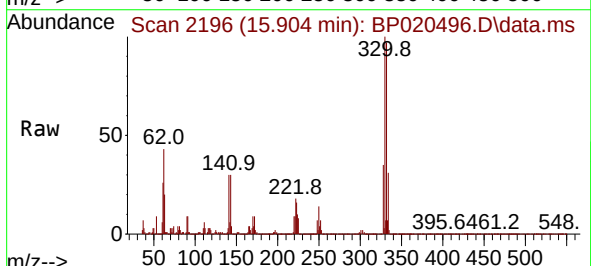
Tgt Ion:330 Resp: 724819

Ion Ratio Lower Upper

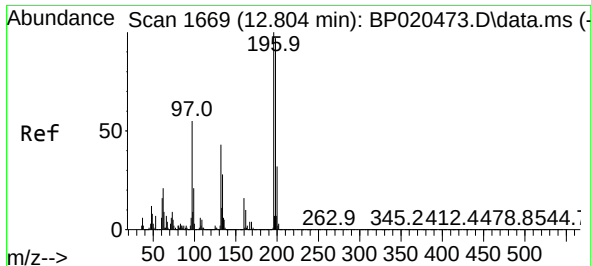
330 100

332 96.8 76.6 114.8

141 33.1 27.1 40.7



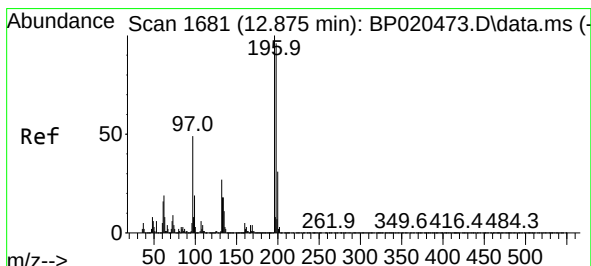
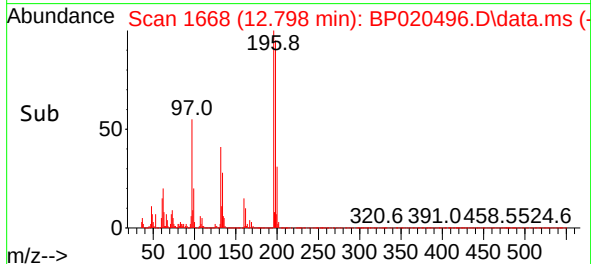
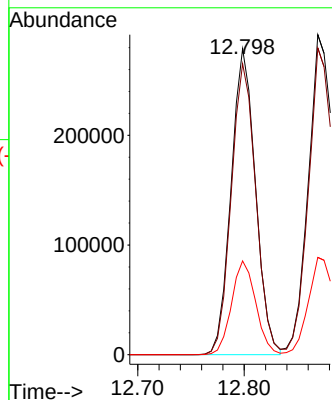
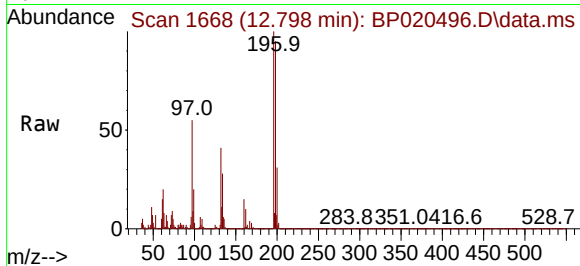




#43  
2,4,6-Trichlorophenol  
Concen: 48.953 ng  
RT: 12.798 min Scan# 1668  
Delta R.T. -0.006 min  
Lab File: BP020496.D  
Acq: 04 Jun 2024 13:56

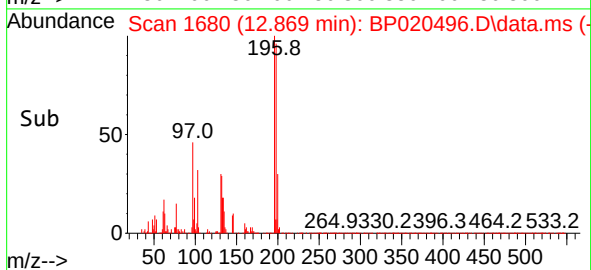
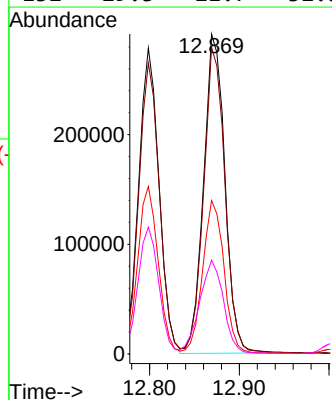
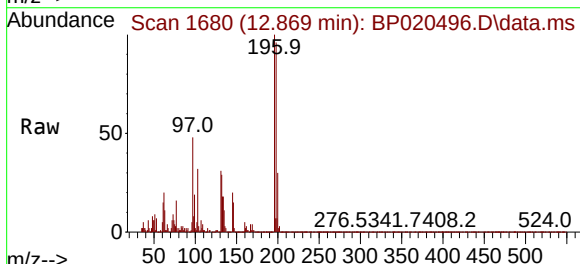
Instrument :  
BNA\_P  
ClientSampleId :  
PB161260BS

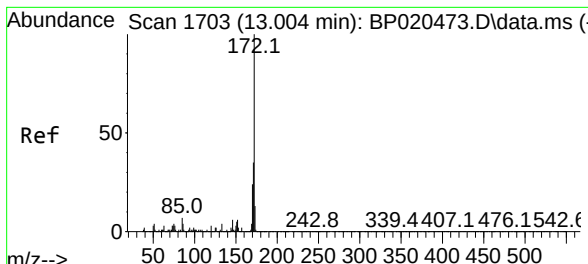
Tgt Ion:196 Resp: 443315  
Ion Ratio Lower Upper  
196 100  
198 95.1 77.9 116.9  
200 30.6 25.5 38.3



#44  
2,4,5-Trichlorophenol  
Concen: 46.092 ng  
RT: 12.869 min Scan# 1680  
Delta R.T. -0.006 min  
Lab File: BP020496.D  
Acq: 04 Jun 2024 13:56

Tgt Ion:196 Resp: 481549  
Ion Ratio Lower Upper  
196 100  
198 95.9 77.0 115.4  
97 47.9 38.9 58.3  
132 29.3 21.7 32.5

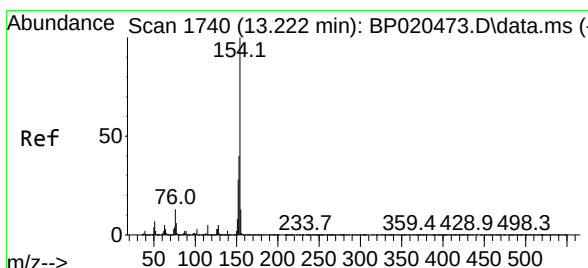
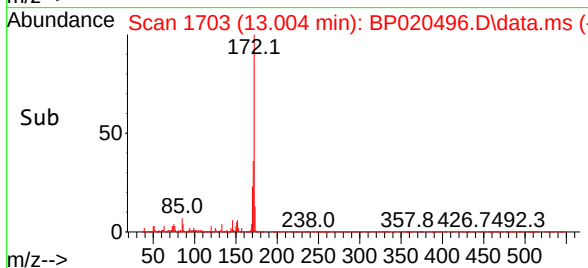
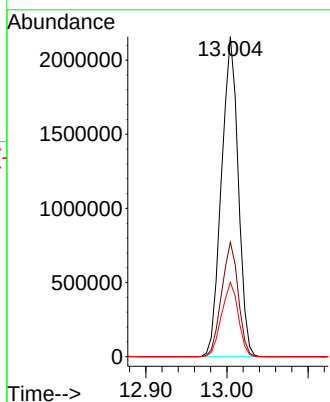
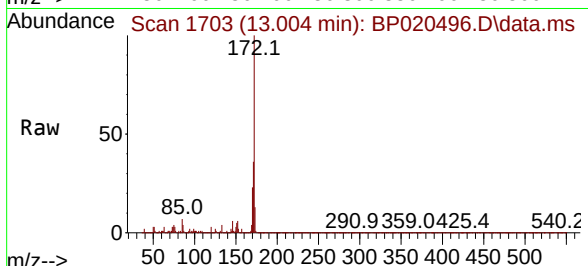




#45  
2-Fluorobiphenyl  
Concen: 89.327 ng  
RT: 13.004 min Scan# 1739  
Delta R.T. -0.000 min  
Lab File: BP020496.D  
Acq: 04 Jun 2024 13:56

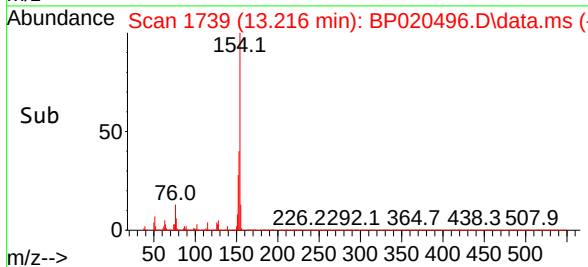
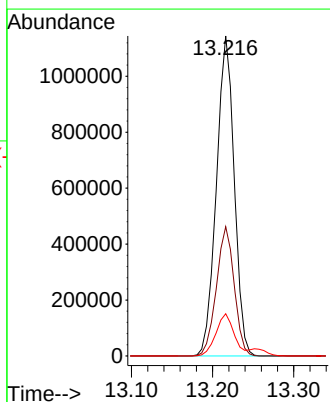
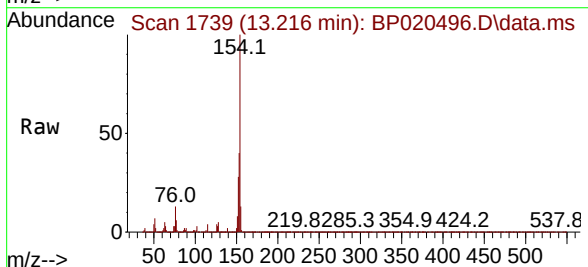
Instrument :  
BNA\_P  
ClientSampleId :  
PB161260BS

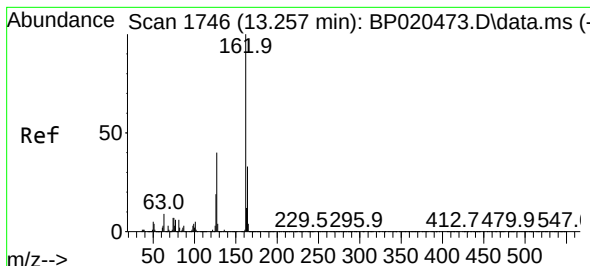
Tgt Ion:172 Resp: 3102736  
Ion Ratio Lower Upper  
172 100  
171 35.7 28.4 42.6  
170 23.3 18.9 28.3



#46  
1,1'-Biphenyl  
Concen: 47.814 ng  
RT: 13.216 min Scan# 1739  
Delta R.T. -0.006 min  
Lab File: BP020496.D  
Acq: 04 Jun 2024 13:56

Tgt Ion:154 Resp: 1747271  
Ion Ratio Lower Upper  
154 100  
153 40.4 19.9 59.9  
76 13.2 0.0 33.2

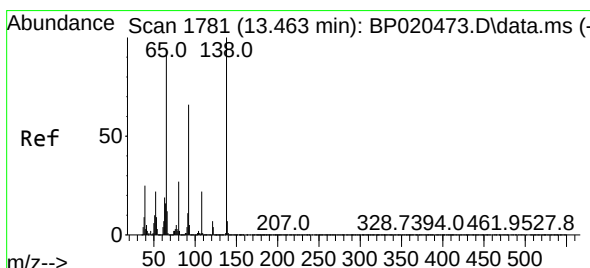
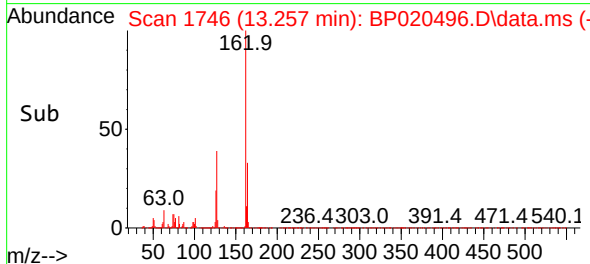
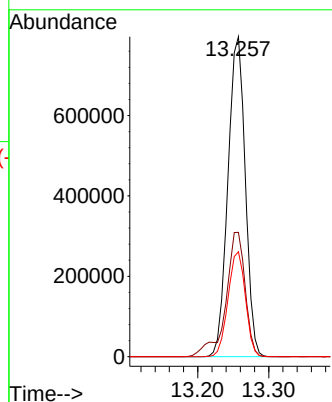
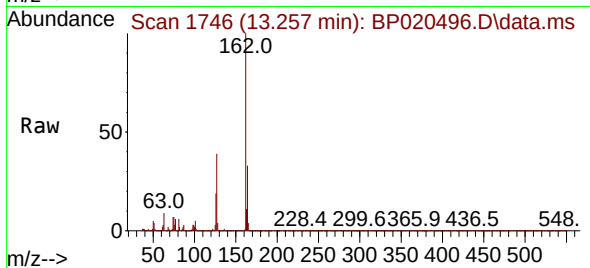




#47  
2-Chloronaphthalene  
Concen: 46.469 ng  
RT: 13.257 min Scan# 1746  
Delta R.T. 0.000 min  
Lab File: BP020496.D  
Acq: 04 Jun 2024 13:56

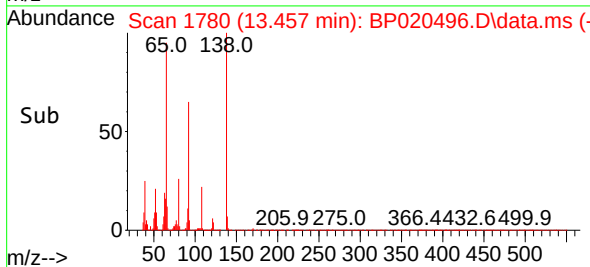
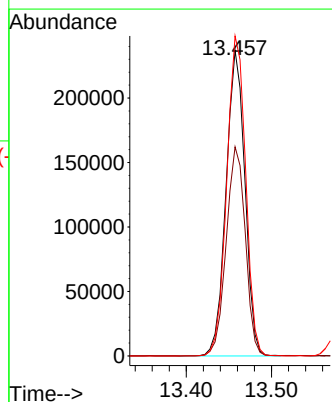
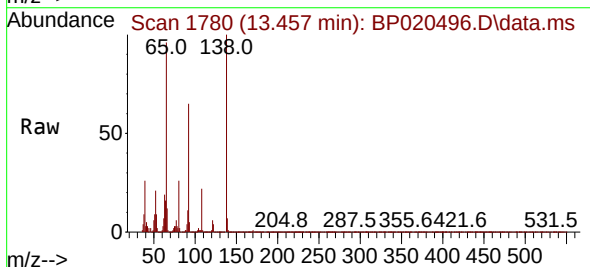
Instrument :  
BNA\_P  
ClientSampleId :  
PB161260BS

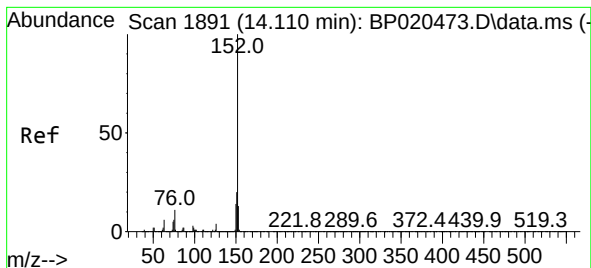
Tgt Ion:162 Resp: 1349945  
Ion Ratio Lower Upper  
162 100  
127 38.9 32.2 48.2  
164 32.8 26.1 39.1



#48  
2-Nitroaniline  
Concen: 46.294 ng  
RT: 13.457 min Scan# 1780  
Delta R.T. -0.006 min  
Lab File: BP020496.D  
Acq: 04 Jun 2024 13:56

Tgt Ion: 65 Resp: 364418  
Ion Ratio Lower Upper  
65 100  
92 68.4 55.8 83.8  
138 104.7 85.2 127.8





#49

Acenaphthylene

Concen: 49.429 ng

RT: 14.110 min Scan# 1891

Delta R.T. 0.000 min

Lab File: BP020496.D

Acq: 04 Jun 2024 13:56

Instrument :

BNA\_P

ClientSampleId :

PB161260BS

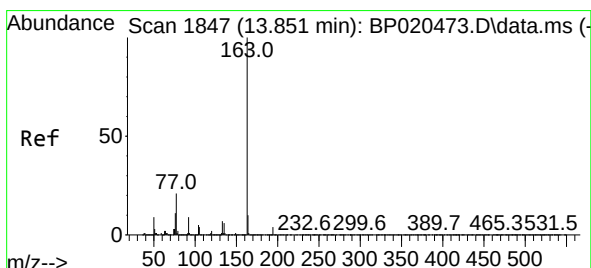
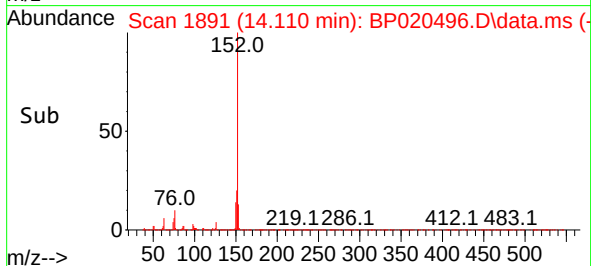
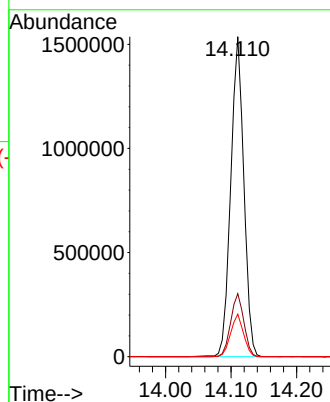
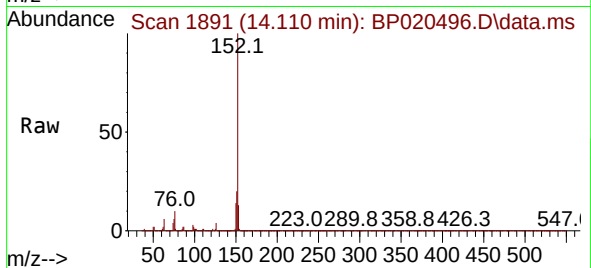
Tgt Ion:152 Resp: 2130703

Ion Ratio Lower Upper

152 100

151 19.7 15.9 23.9

153 13.3 10.6 15.8



#50

Dimethylphthalate

Concen: 42.866 ng

RT: 13.845 min Scan# 1846

Delta R.T. -0.006 min

Lab File: BP020496.D

Acq: 04 Jun 2024 13:56

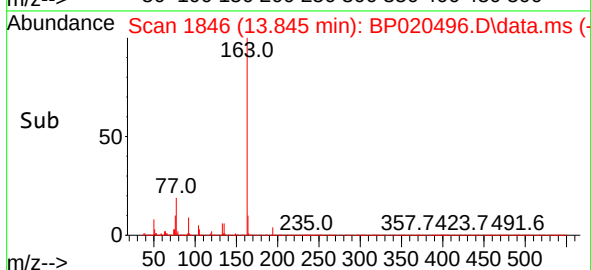
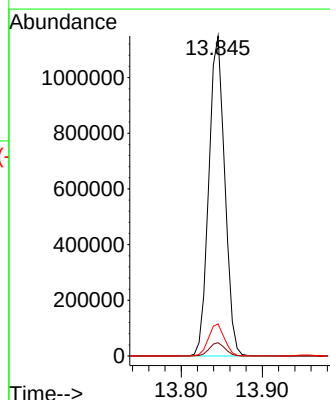
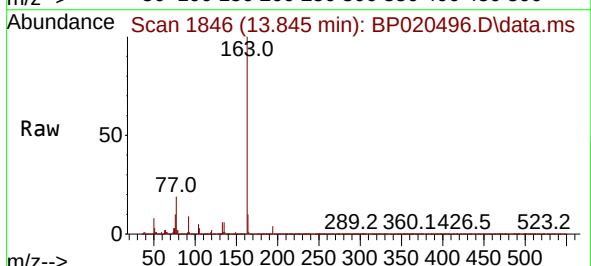
Tgt Ion:163 Resp: 1564557

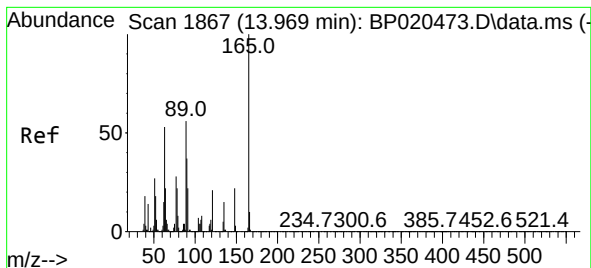
Ion Ratio Lower Upper

163 100

194 4.2 3.3 4.9

164 10.0 8.3 12.5

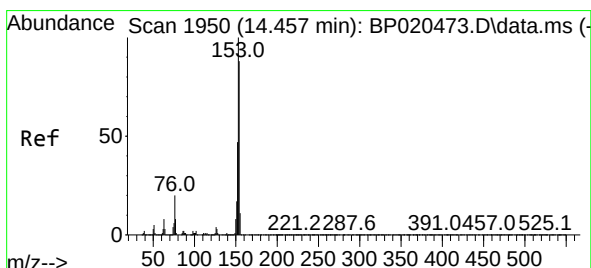
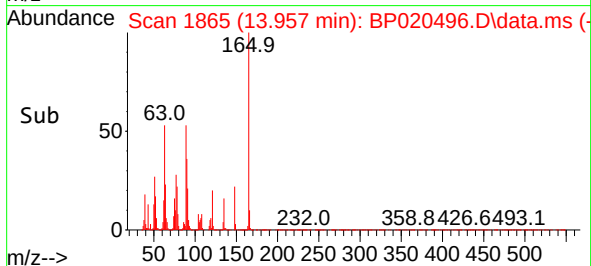
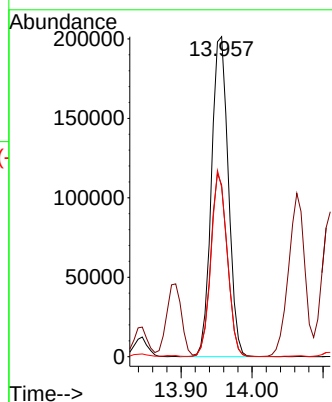
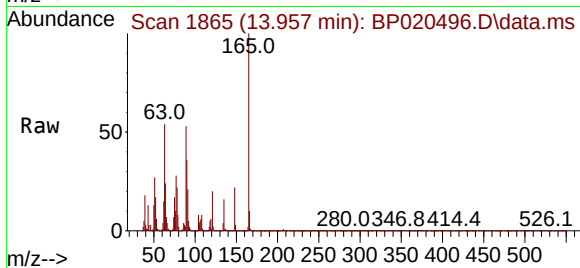




#51  
2,6-Dinitrotoluene  
Concen: 42.540 ng  
RT: 13.957 min Scan# 1865  
Delta R.T. -0.012 min  
Lab File: BP020496.D  
Acq: 04 Jun 2024 13:56

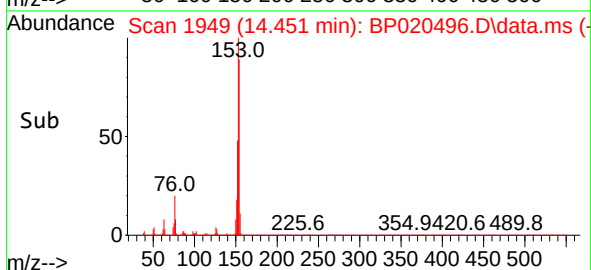
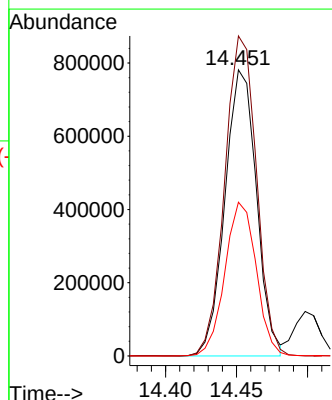
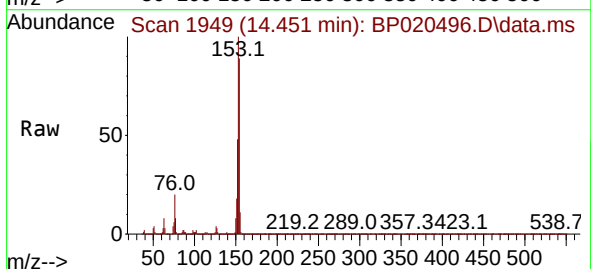
Instrument :  
BNA\_P  
ClientSampleId :  
PB161260BS

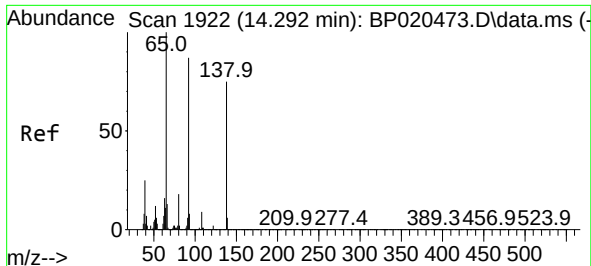
Tgt Ion:165 Resp: 331881  
Ion Ratio Lower Upper  
165 100  
63 53.6 45.6 68.4  
89 53.0 44.9 67.3



#52  
Acenaphthene  
Concen: 44.415 ng  
RT: 14.451 min Scan# 1949  
Delta R.T. -0.006 min  
Lab File: BP020496.D  
Acq: 04 Jun 2024 13:56

Tgt Ion:154 Resp: 1207691  
Ion Ratio Lower Upper  
154 100  
153 111.9 90.6 136.0  
152 53.7 42.6 63.8

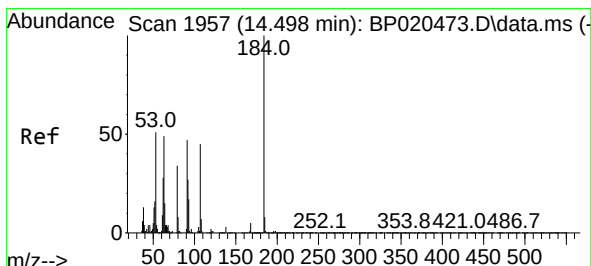
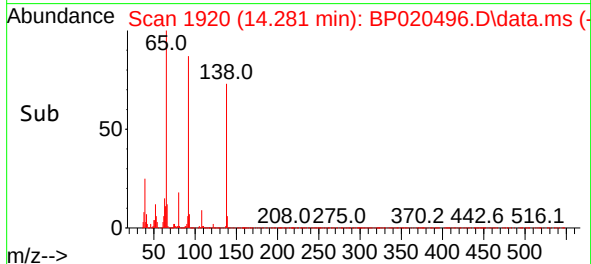
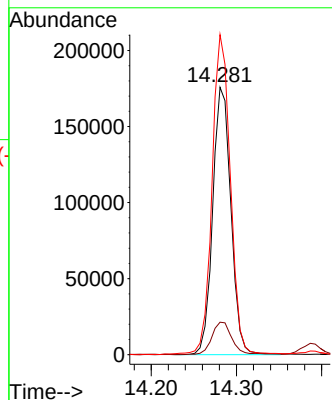
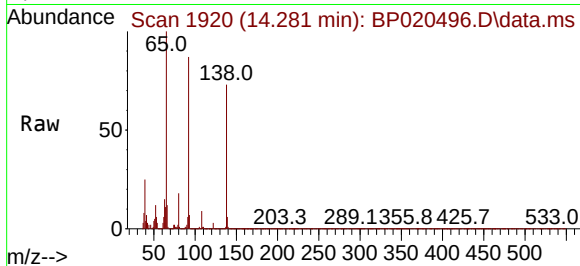




#53  
3-Nitroaniline  
Concen: 33.245 ng  
RT: 14.281 min Scan# 1920  
Delta R.T. -0.012 min  
Lab File: BP020496.D  
Acq: 04 Jun 2024 13:56

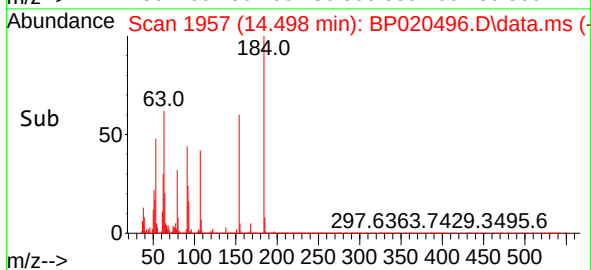
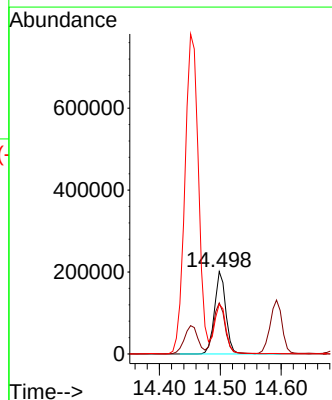
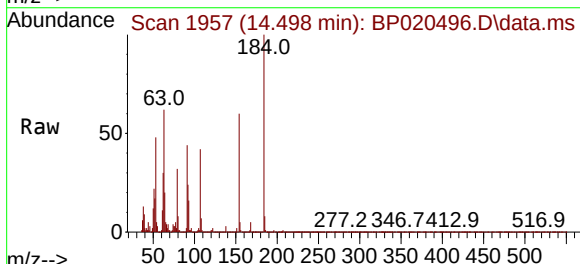
Instrument :  
BNA\_P  
ClientSampleId :  
PB161260BS

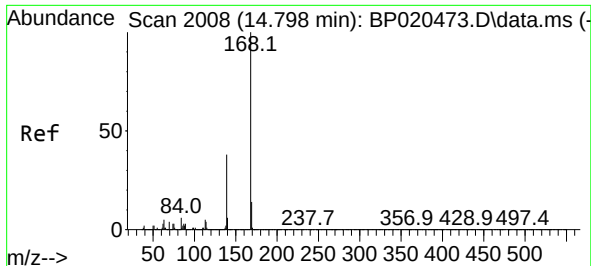
Tgt Ion:138 Resp: 260162  
Ion Ratio Lower Upper  
138 100  
108 12.1 9.8 14.6  
92 119.7 93.5 140.3



#54  
2,4-Dinitrophenol  
Concen: 75.752 ng  
RT: 14.498 min Scan# 1957  
Delta R.T. 0.000 min  
Lab File: BP020496.D  
Acq: 04 Jun 2024 13:56

Tgt Ion:184 Resp: 260617  
Ion Ratio Lower Upper  
184 100  
63 62.0 54.2 81.4  
154 60.4 51.0 76.6

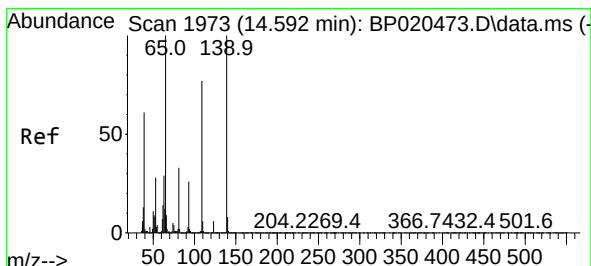
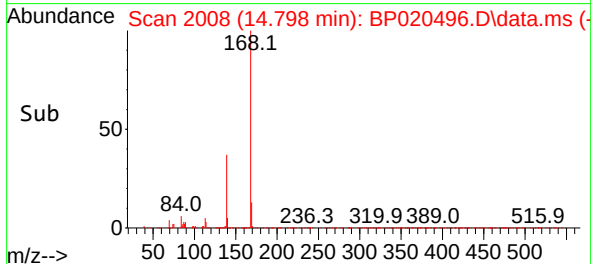
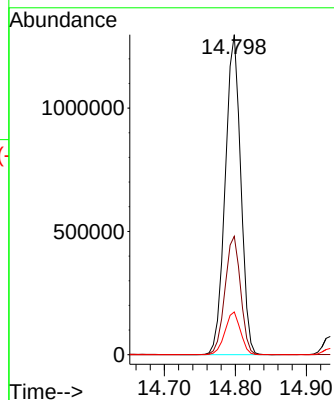
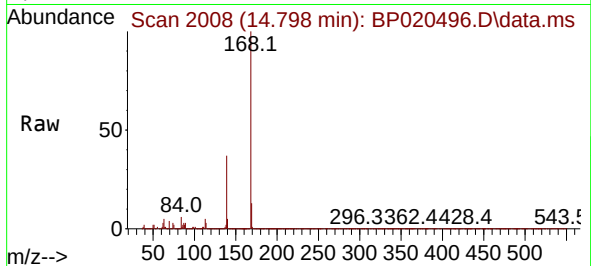




#55  
Dibenzofuran  
Concen: 45.550 ng  
RT: 14.798 min Scan# 2008  
Delta R.T. -0.000 min  
Lab File: BP020496.D  
Acq: 04 Jun 2024 13:56

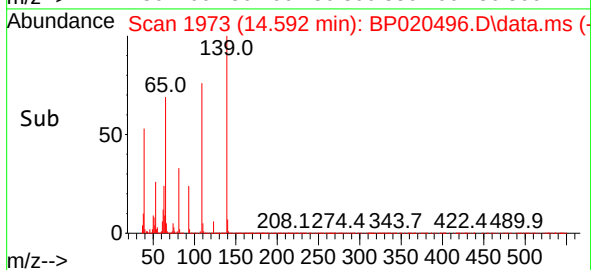
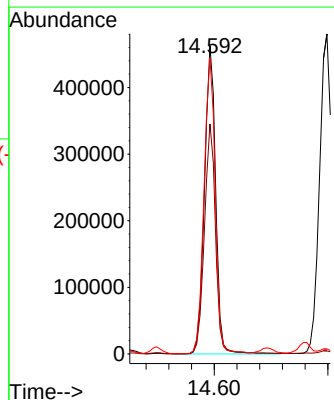
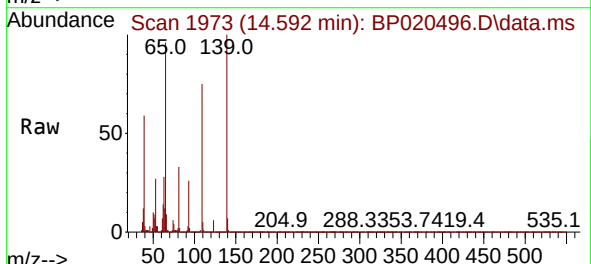
Instrument :  
BNA\_P  
ClientSampleId :  
PB161260BS

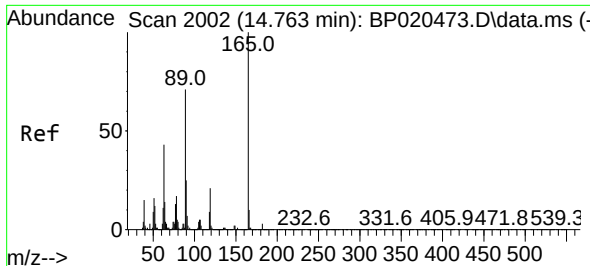
Tgt Ion:168 Resp: 1961986  
Ion Ratio Lower Upper  
168 100  
139 37.0 30.4 45.6  
169 13.3 11.0 16.4



#56  
4-Nitrophenol  
Concen: 103.725 ng  
RT: 14.592 min Scan# 1973  
Delta R.T. -0.000 min  
Lab File: BP020496.D  
Acq: 04 Jun 2024 13:56

Tgt Ion:139 Resp: 627887  
Ion Ratio Lower Upper  
139 100  
109 74.6 57.4 97.4  
65 96.1 80.4 120.4

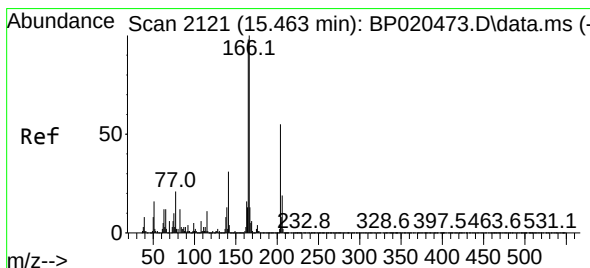
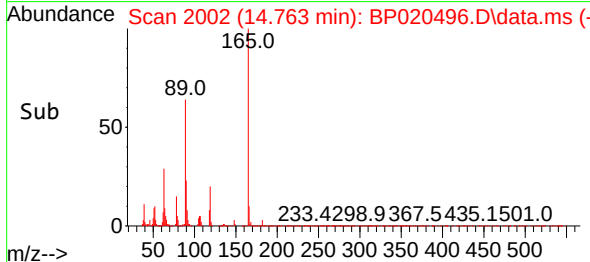
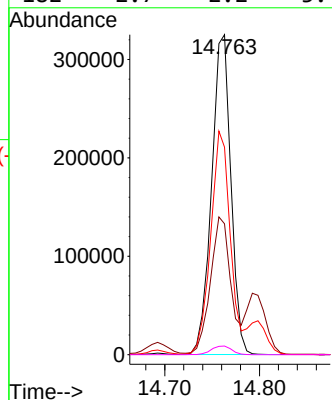
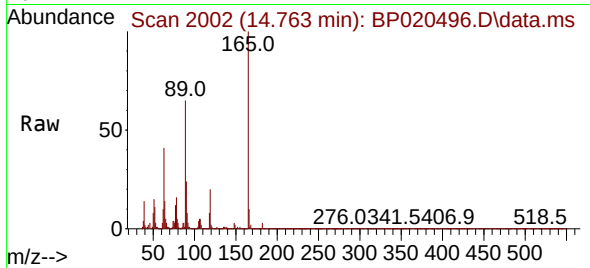




#57  
2,4-Dinitrotoluene  
Concen: 44.775 ng  
RT: 14.763 min Scan# 2002  
Delta R.T. -0.000 min  
Lab File: BP020496.D  
Acq: 04 Jun 2024 13:56

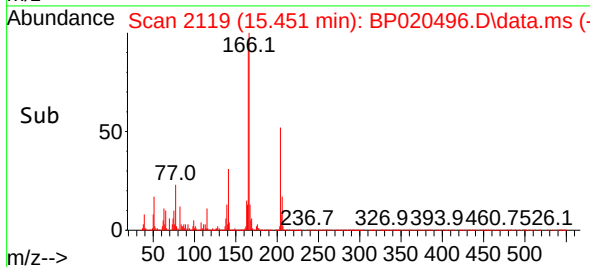
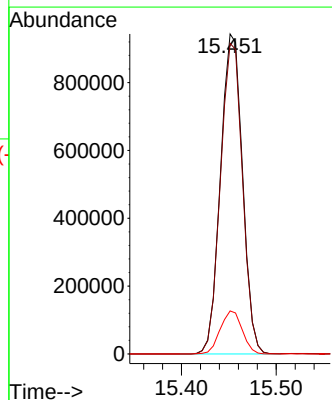
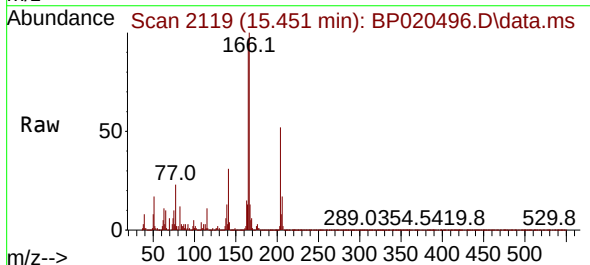
Instrument :  
BNA\_P  
ClientSampleId :  
PB161260BS

Tgt Ion:165 Resp: 459067  
Ion Ratio Lower Upper  
165 100  
63 40.9 34.9 52.3  
89 64.9 56.6 85.0  
182 2.7 2.2 3.4

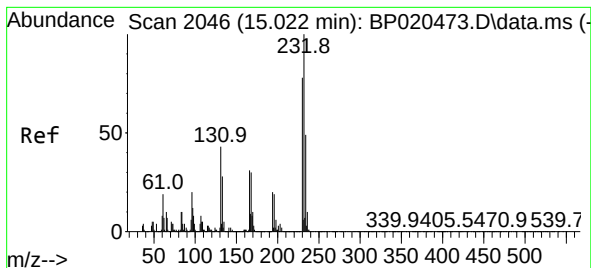


#58  
Fluorene  
Concen: 44.093 ng  
RT: 15.451 min Scan# 2119  
Delta R.T. -0.012 min  
Lab File: BP020496.D  
Acq: 04 Jun 2024 13:56

Tgt Ion:166 Resp: 1524673  
Ion Ratio Lower Upper  
166 100  
165 97.0 78.2 117.4  
167 13.5 10.7 16.1



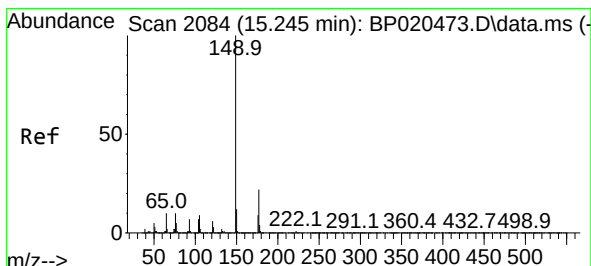
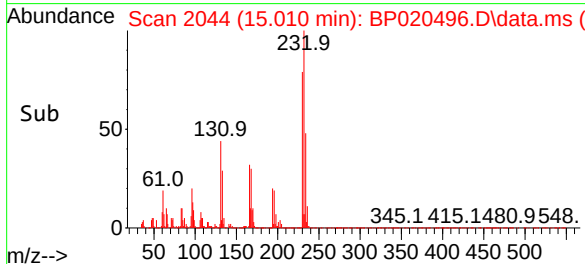
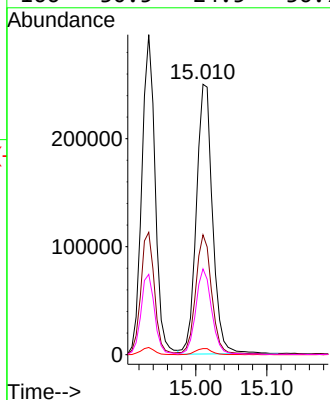
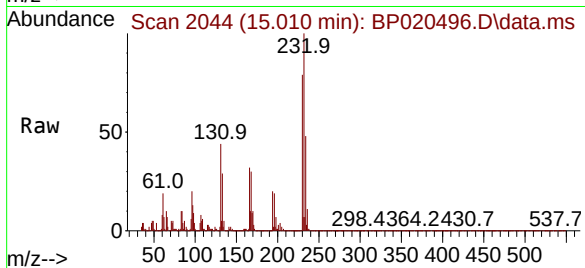




#59  
2,3,4,6-Tetrachlorophenol  
Concen: 46.406 ng  
RT: 15.010 min Scan# 2044  
Delta R.T. -0.012 min  
Lab File: BP020496.D  
Acq: 04 Jun 2024 13:56

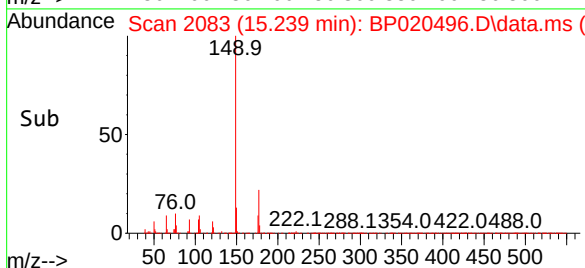
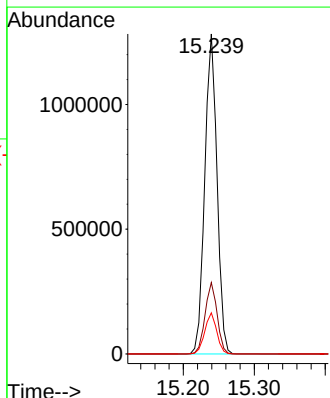
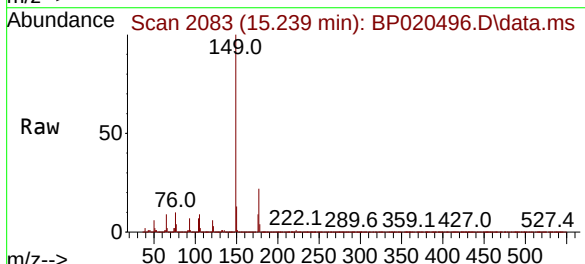
Instrument :  
BNA\_P  
ClientSampleId :  
PB161260BS

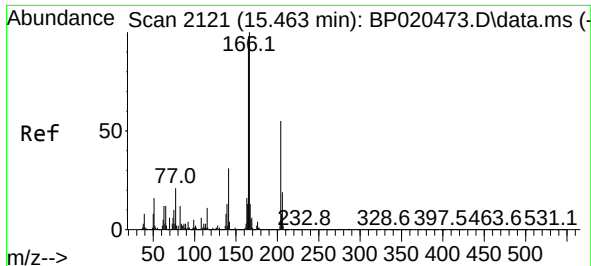
Tgt Ion:232 Resp: 396765  
Ion Ratio Lower Upper  
232 100  
131 44.2 34.8 52.2  
130 2.3 1.9 2.9  
166 30.5 24.5 36.7



#60  
Diethylphthalate  
Concen: 41.466 ng  
RT: 15.239 min Scan# 2083  
Delta R.T. -0.006 min  
Lab File: BP020496.D  
Acq: 04 Jun 2024 13:56

Tgt Ion:149 Resp: 1538504  
Ion Ratio Lower Upper  
149 100  
177 22.3 17.8 26.8  
150 12.8 9.8 14.8

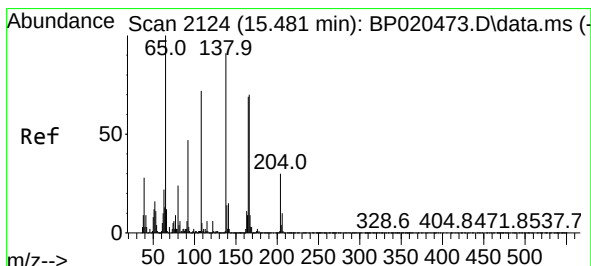
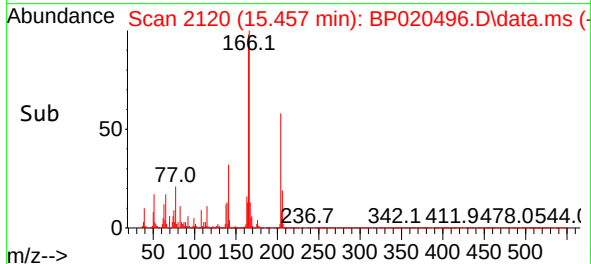
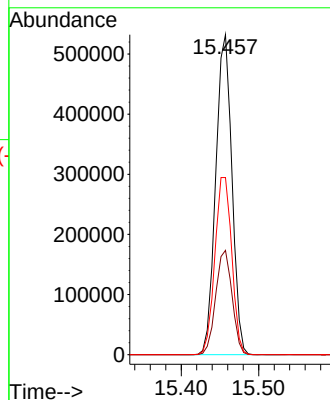
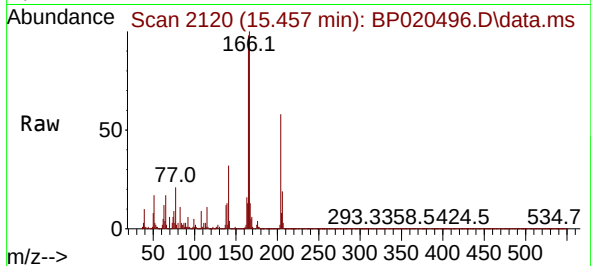




#61  
4-Chlorophenyl-phenylether  
Concen: 43.206 ng  
RT: 15.457 min Scan# 2120  
Delta R.T. -0.006 min  
Lab File: BP020496.D  
Acq: 04 Jun 2024 13:56

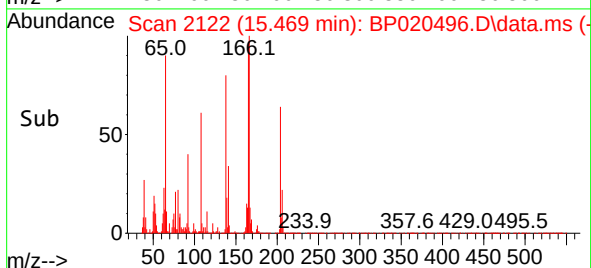
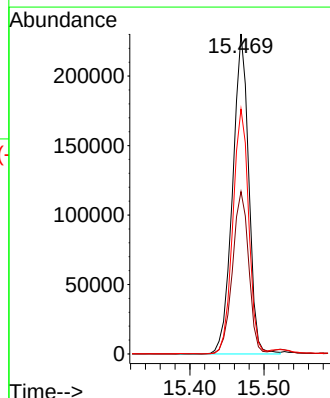
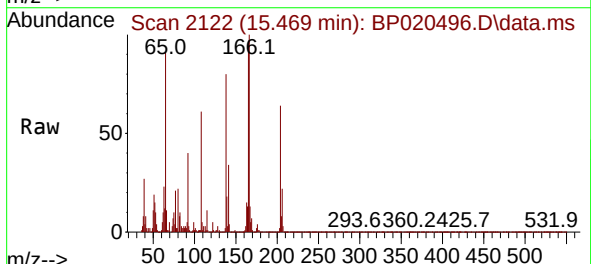
Instrument :  
BNA\_P  
ClientSampleId :  
PB161260BS

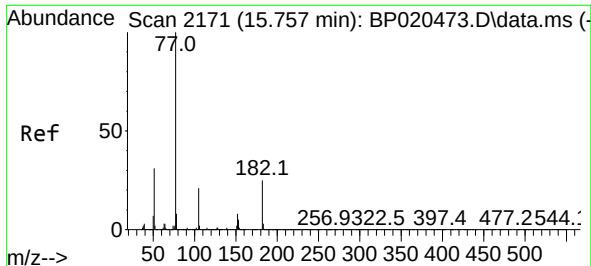
Tgt Ion:204 Resp: 770950  
Ion Ratio Lower Upper  
204 100  
206 32.6 27.0 40.4  
141 55.3 45.0 67.6



#62  
4-Nitroaniline  
Concen: 43.090 ng  
RT: 15.469 min Scan# 2122  
Delta R.T. -0.012 min  
Lab File: BP020496.D  
Acq: 04 Jun 2024 13:56

Tgt Ion:138 Resp: 347351  
Ion Ratio Lower Upper  
138 100  
92 50.7 31.7 71.7  
108 76.6 59.9 99.9



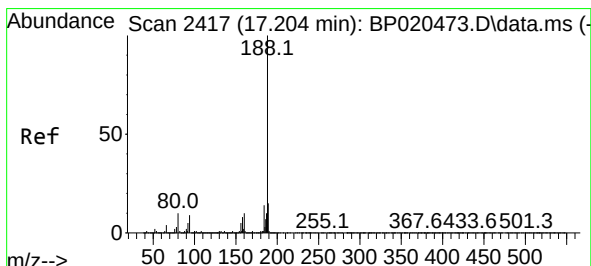
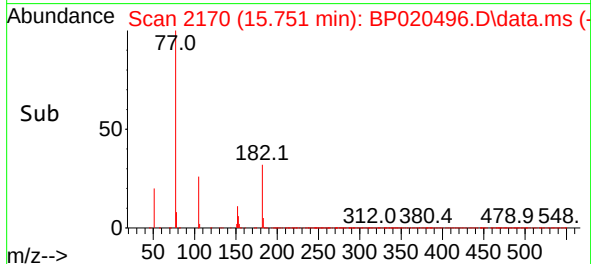
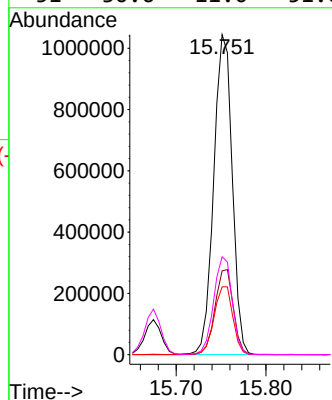
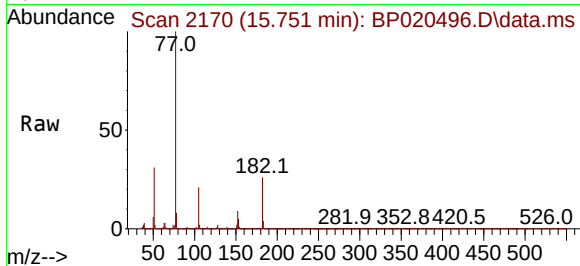


#63  
Azobenzene  
Concen: 43.068 ng  
RT: 15.751 min Scan# 2171  
Delta R.T. -0.006 min  
Lab File: BP020496.D  
Acq: 04 Jun 2024 13:56

Instrument :  
BNA\_P  
ClientSampleId :  
PB161260BS

Tgt Ion: 77 Resp: 1492087

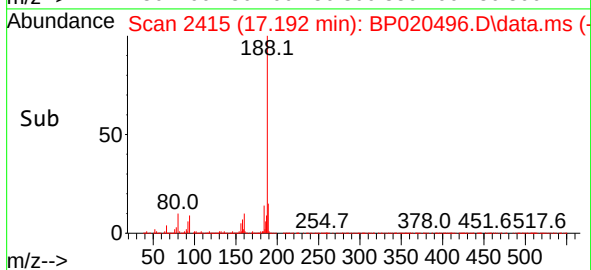
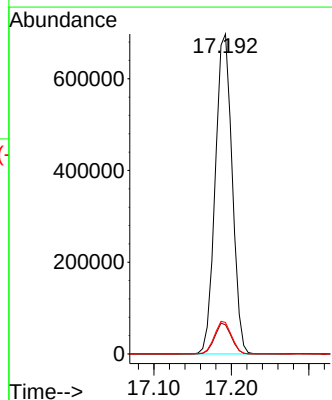
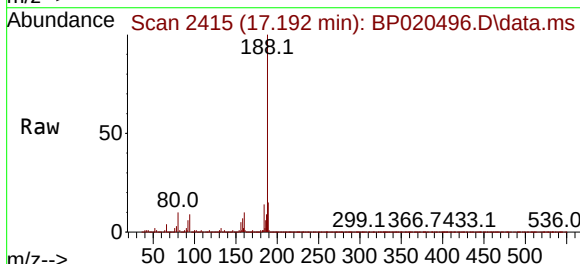
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 77  | 100   |       |       |
| 182 | 26.2  | 4.6   | 44.6  |
| 105 | 21.2  | 1.2   | 41.2  |
| 51  | 30.6  | 11.0  | 51.0  |

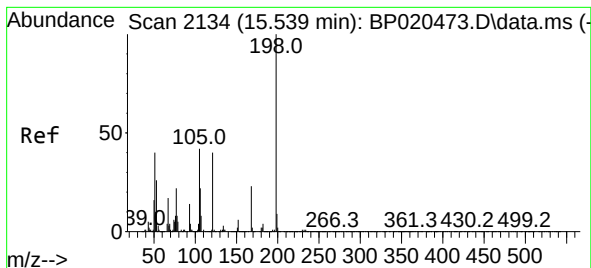


#64  
Phenanthrene-d10  
Concen: 20.000 ng  
RT: 17.192 min Scan# 2415  
Delta R.T. -0.012 min  
Lab File: BP020496.D  
Acq: 04 Jun 2024 13:56

Tgt Ion: 188 Resp: 1052099

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 188 | 100   |       |       |
| 94  | 9.1   | 7.2   | 10.8  |
| 80  | 9.8   | 8.1   | 12.1  |

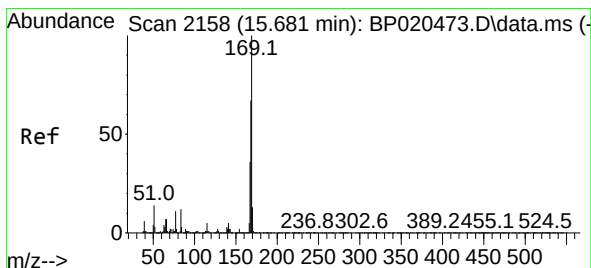
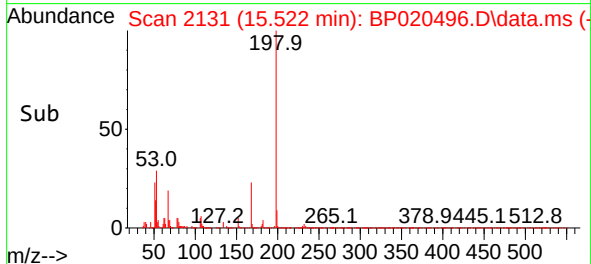
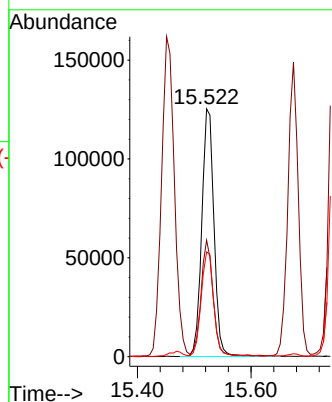
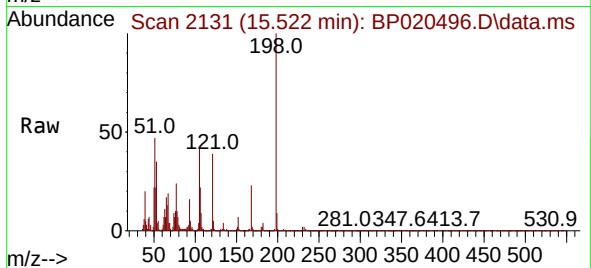




#65  
4,6-Dinitro-2-methylphenol  
Concen: 41.416 ng  
RT: 15.522 min Scan# 2131  
Delta R.T. -0.017 min  
Lab File: BP020496.D  
Acq: 04 Jun 2024 13:56

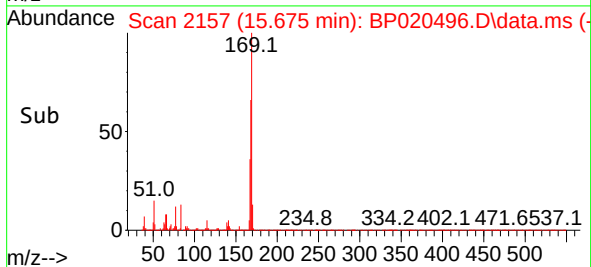
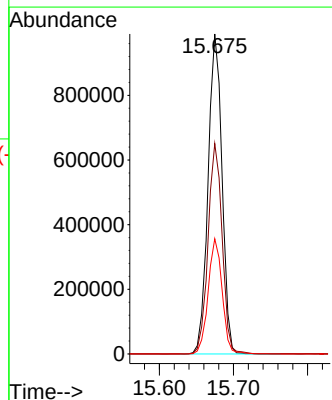
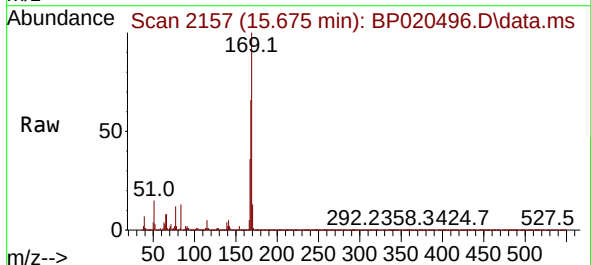
Instrument :  
BNA\_P  
ClientSampleId :  
PB161260BS

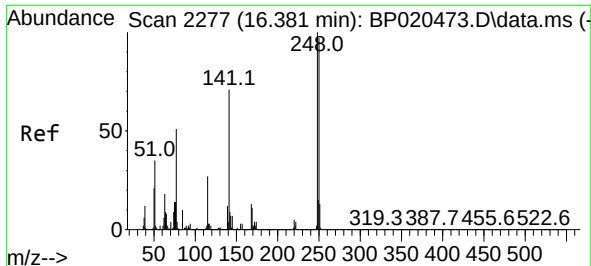
Tgt Ion:198 Resp: 187357  
Ion Ratio Lower Upper  
198 100  
51 47.0 24.8 64.8  
105 42.3 23.2 63.2



#66  
n-Nitrosodiphenylamine  
Concen: 44.747 ng  
RT: 15.675 min Scan# 2157  
Delta R.T. -0.006 min  
Lab File: BP020496.D  
Acq: 04 Jun 2024 13:56

Tgt Ion:169 Resp: 1294338  
Ion Ratio Lower Upper  
169 100  
168 65.7 53.4 80.0  
167 36.0 28.7 43.1

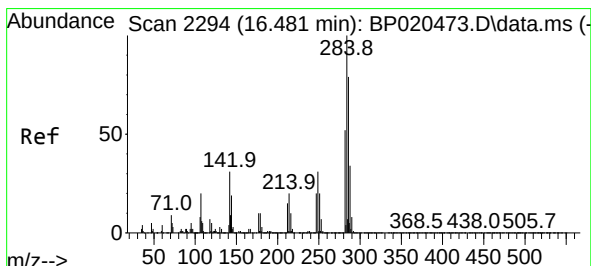
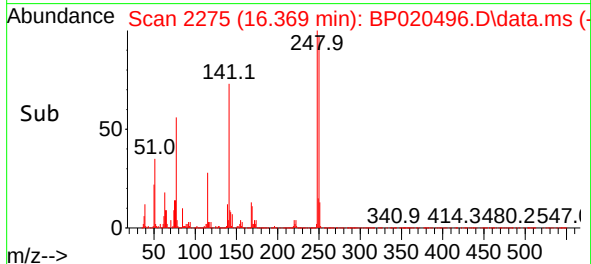
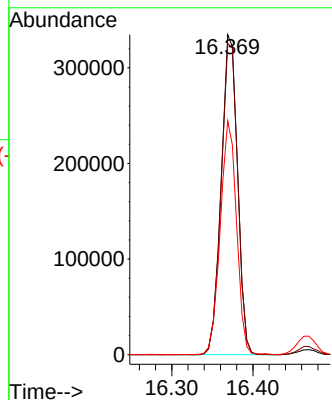
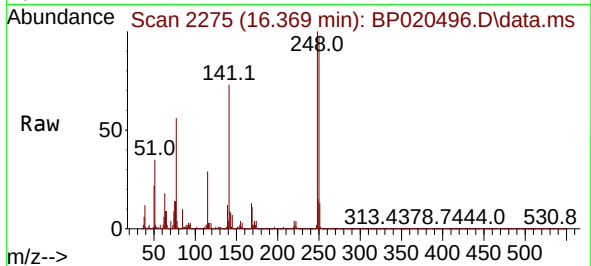




#67  
4-Bromophenyl-phenylether  
Concen: 43.575 ng  
RT: 16.369 min Scan# 211  
Delta R.T. -0.012 min  
Lab File: BP020496.D  
Acq: 04 Jun 2024 13:56

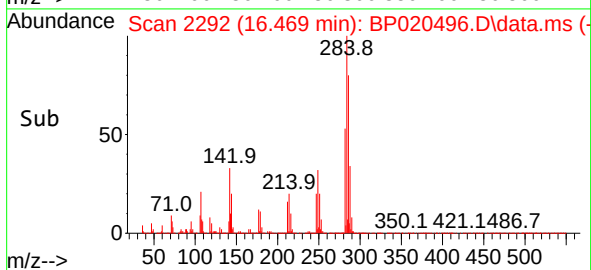
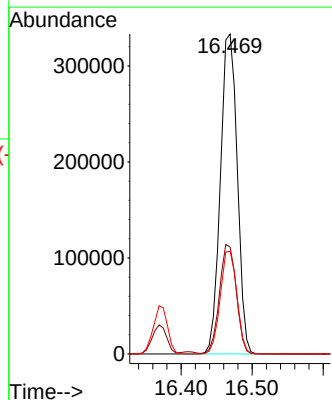
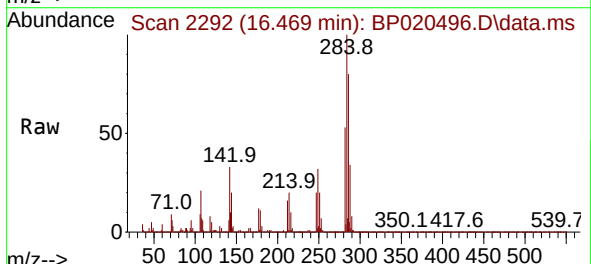
Instrument :  
BNA\_P  
ClientSampleId :  
PB161260BS

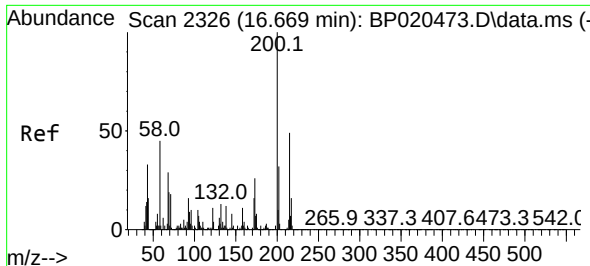
Tgt Ion:248 Resp: 469019  
Ion Ratio Lower Upper  
248 100  
250 97.3 77.4 116.0  
141 73.1 56.5 84.7



#68  
Hexachlorobenzene  
Concen: 43.215 ng  
RT: 16.469 min Scan# 2292  
Delta R.T. -0.012 min  
Lab File: BP020496.D  
Acq: 04 Jun 2024 13:56

Tgt Ion:284 Resp: 547439  
Ion Ratio Lower Upper  
284 100  
142 33.4 24.5 36.7  
249 32.1 25.3 37.9

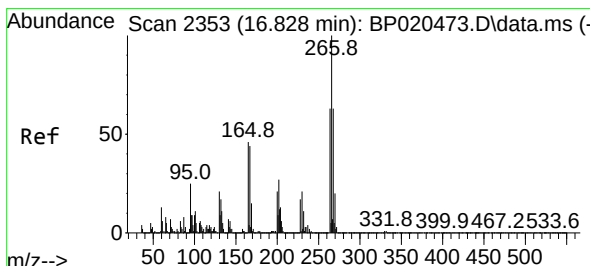
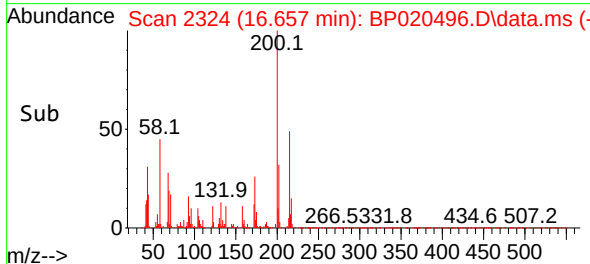
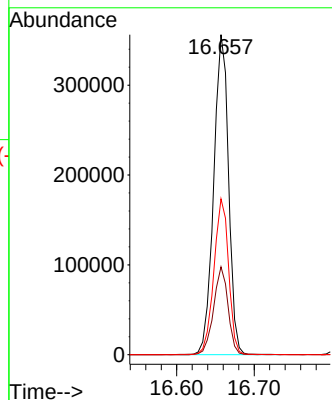
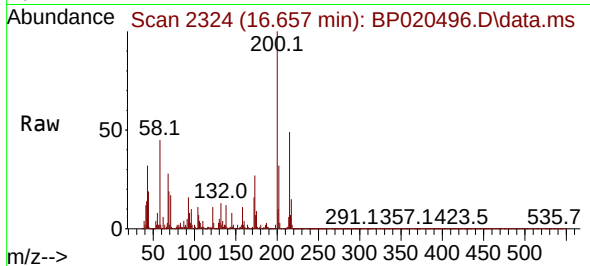




#69  
Atrazine  
Concen: 46.646 ng  
RT: 16.657 min Scan# 21  
Delta R.T. -0.012 min  
Lab File: BP020496.D  
Acq: 04 Jun 2024 13:56

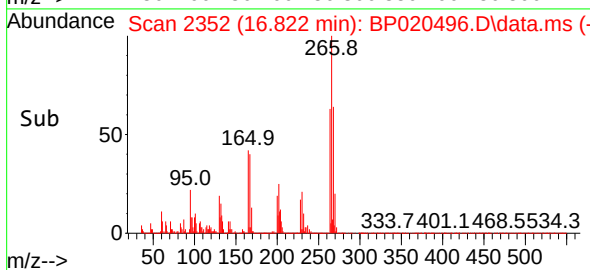
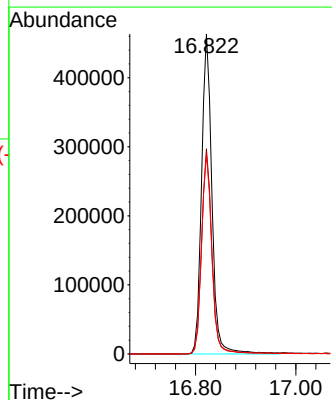
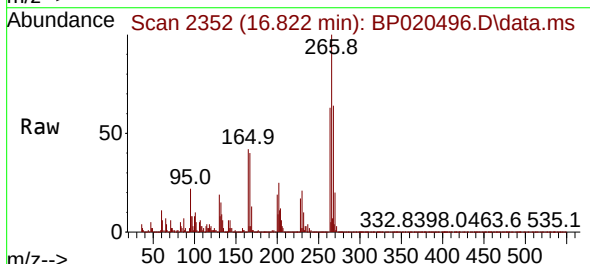
Instrument :  
BNA\_P  
ClientSampleId :  
PB161260BS

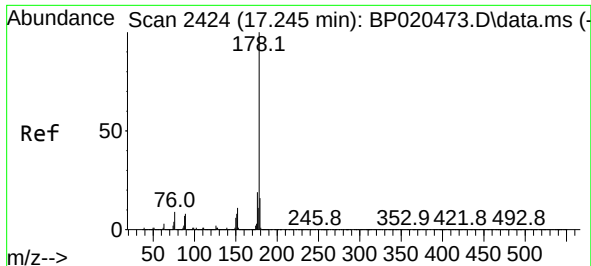
Tgt Ion:200 Resp: 474687  
Ion Ratio Lower Upper  
200 100  
173 27.5 6.1 46.1  
215 48.7 28.7 68.7



#70  
Pentachlorophenol  
Concen: 86.099 ng  
RT: 16.822 min Scan# 2352  
Delta R.T. -0.006 min  
Lab File: BP020496.D  
Acq: 04 Jun 2024 13:56

Tgt Ion:266 Resp: 662420  
Ion Ratio Lower Upper  
266 100  
268 64.1 50.1 75.1  
264 62.6 50.6 76.0

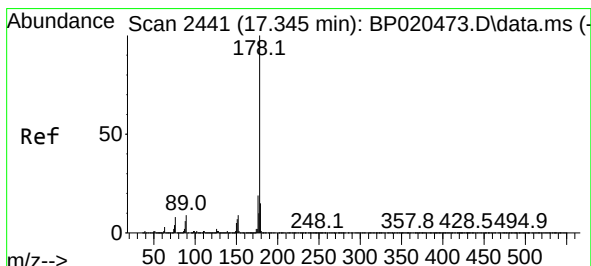
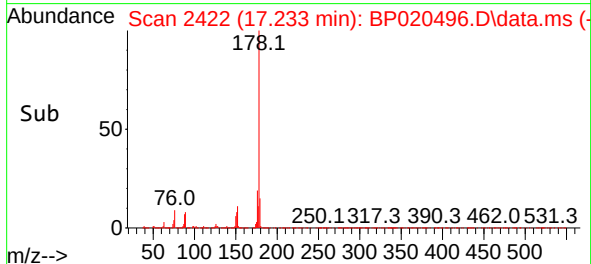
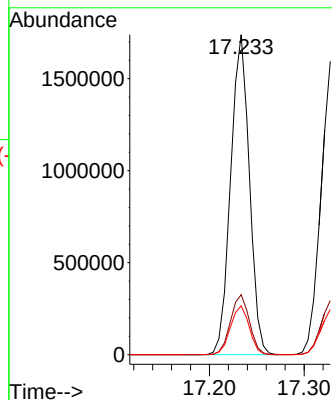
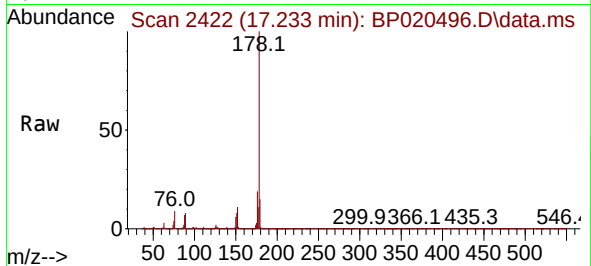




#71  
Phenanthrene  
Concen: 46.156 ng  
RT: 17.233 min Scan# 2422  
Delta R.T. -0.012 min  
Lab File: BP020496.D  
Acq: 04 Jun 2024 13:56

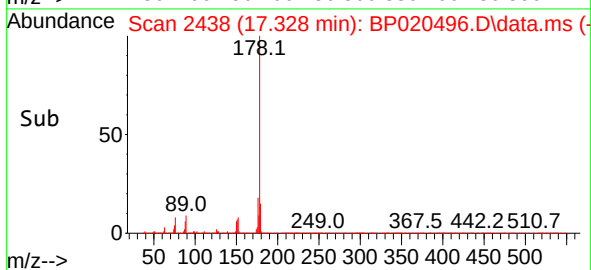
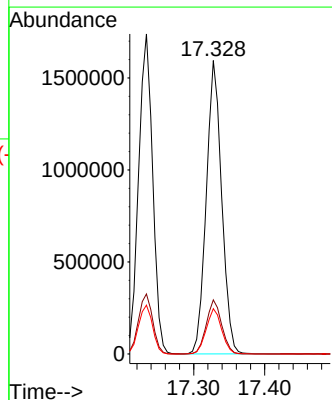
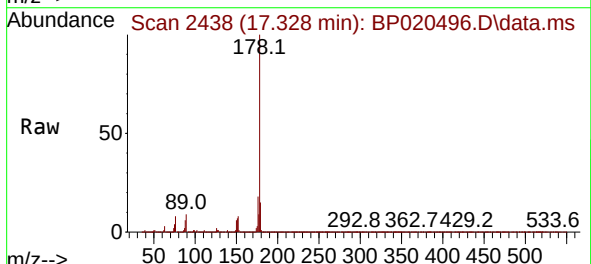
Instrument :  
BNA\_P  
ClientSampleId :  
PB161260BS

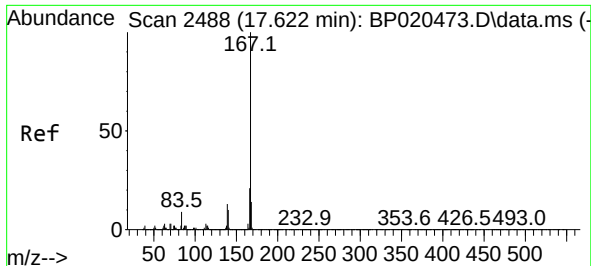
Tgt Ion:178 Resp: 2387110  
Ion Ratio Lower Upper  
178 100  
176 18.8 15.4 23.2  
179 15.3 12.5 18.7



#72  
Anthracene  
Concen: 47.348 ng  
RT: 17.328 min Scan# 2438  
Delta R.T. -0.018 min  
Lab File: BP020496.D  
Acq: 04 Jun 2024 13:56

Tgt Ion:178 Resp: 2402858  
Ion Ratio Lower Upper  
178 100  
176 18.4 14.8 22.2  
179 15.4 12.2 18.4

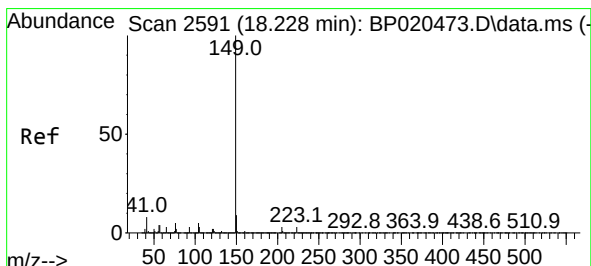
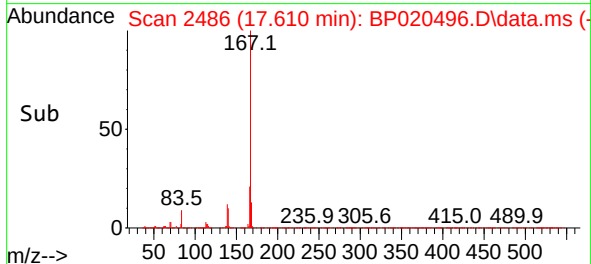
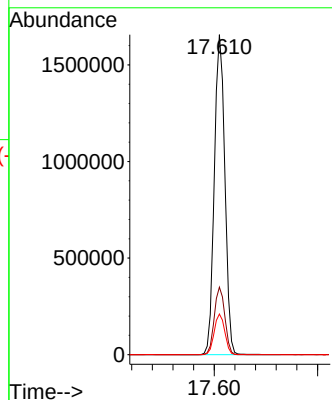
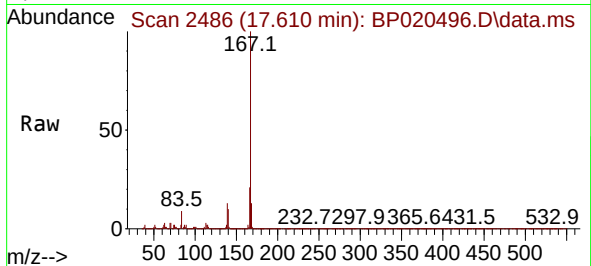




#73  
 Carbazole  
 Concen: 47.759 ng  
 RT: 17.610 min Scan# 2488  
 Delta R.T. -0.012 min  
 Lab File: BP020496.D  
 Acq: 04 Jun 2024 13:56

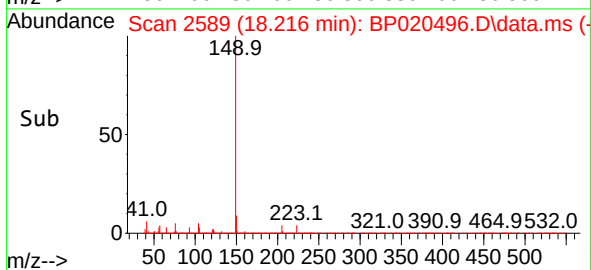
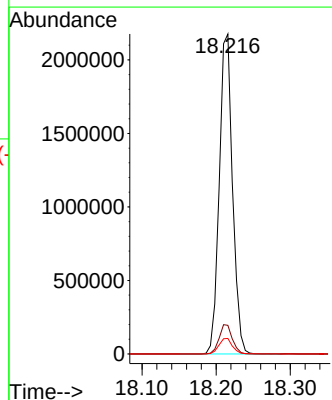
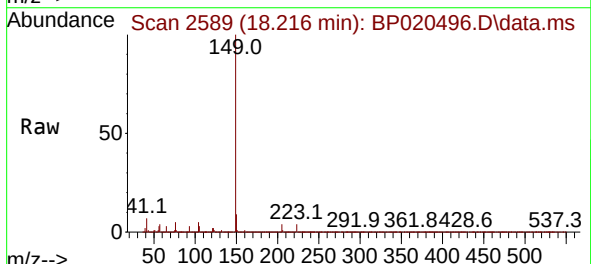
Instrument :  
 BNA\_P  
 ClientSampleId :  
 PB161260BS

Tgt Ion:167 Resp: 2344432  
 Ion Ratio Lower Upper  
 167 100  
 166 21.1 17.1 25.7  
 139 12.7 10.5 15.7

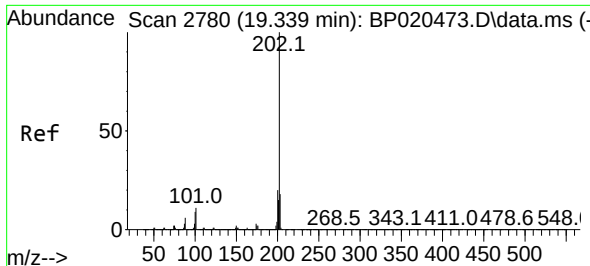


#74  
 Di-n-butylphthalate  
 Concen: 45.464 ng  
 RT: 18.216 min Scan# 2589  
 Delta R.T. -0.012 min  
 Lab File: BP020496.D  
 Acq: 04 Jun 2024 13:56

Tgt Ion:149 Resp: 2702688  
 Ion Ratio Lower Upper  
 149 100  
 150 9.0 7.4 11.2  
 104 4.9 4.2 6.2



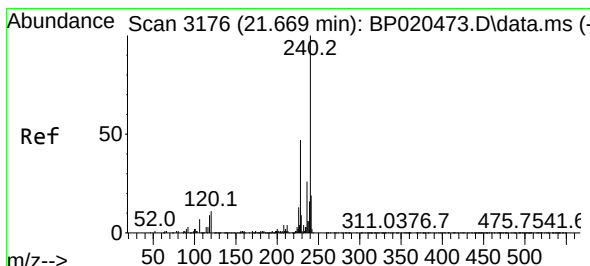
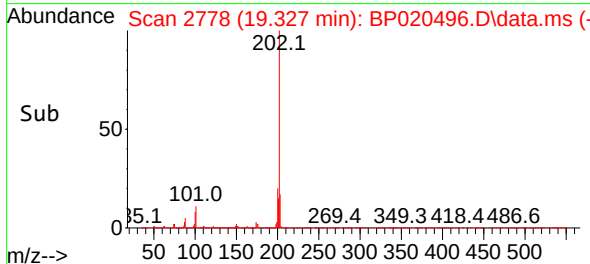
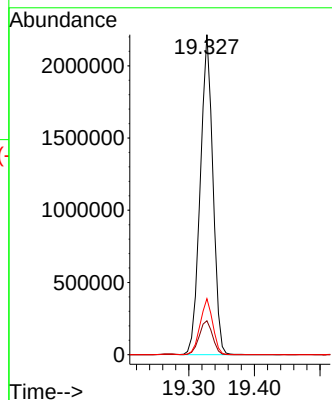
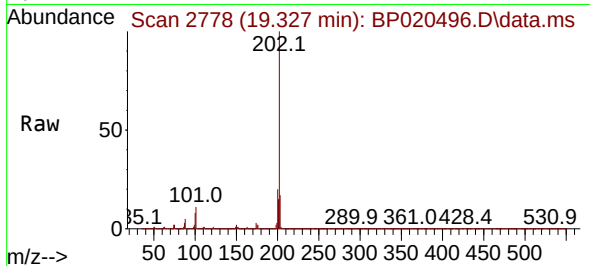




#75  
Fluoranthene  
Concen: 48.610 ng  
RT: 19.327 min Scan# 21  
Delta R.T. -0.012 min  
Lab File: BP020496.D  
Acq: 04 Jun 2024 13:56

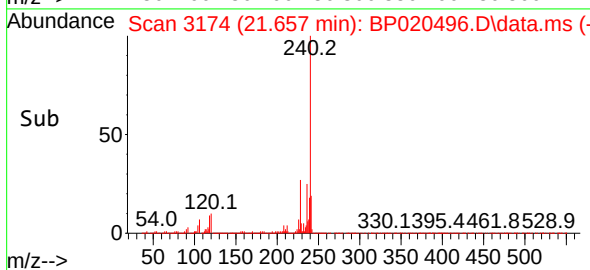
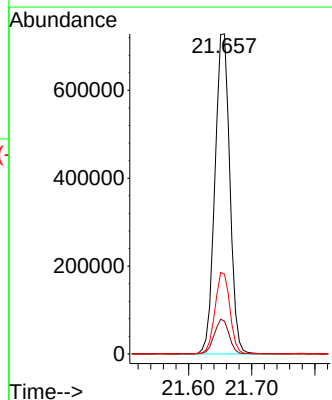
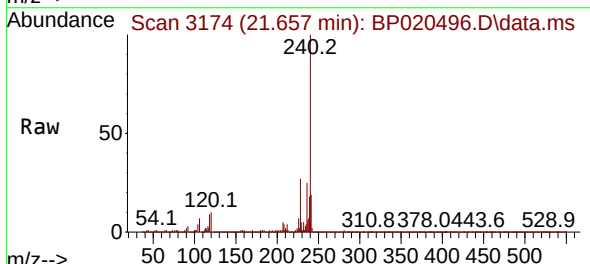
Instrument :  
BNA\_P  
ClientSampleId :  
PB161260BS

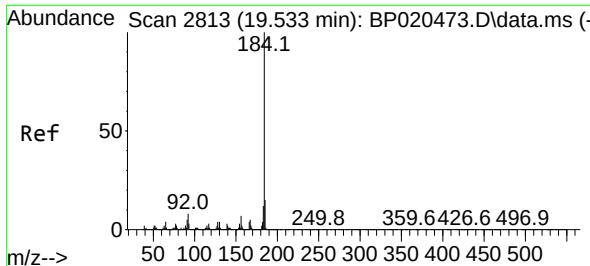
Tgt Ion:202 Resp: 2974181  
Ion Ratio Lower Upper  
202 100  
101 10.6 0.0 31.4  
203 17.5 0.0 37.7



#76  
Chrysene-d12  
Concen: 20.000 ng  
RT: 21.657 min Scan# 3174  
Delta R.T. -0.012 min  
Lab File: BP020496.D  
Acq: 04 Jun 2024 13:56

Tgt Ion:240 Resp: 1192311  
Ion Ratio Lower Upper  
240 100  
120 10.3 8.5 12.7  
236 25.0 20.5 30.7

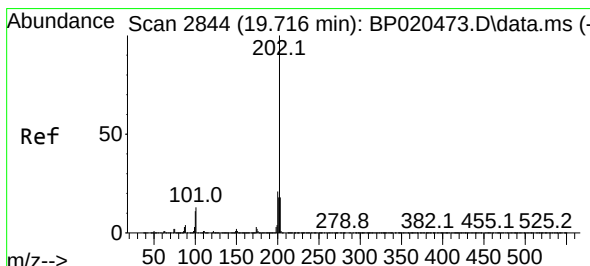
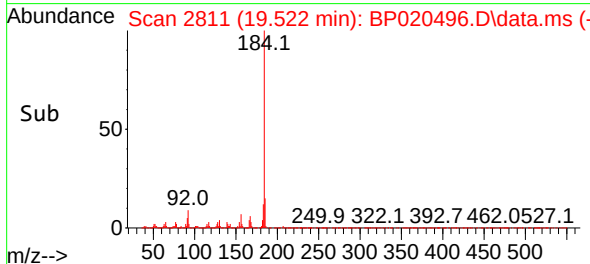
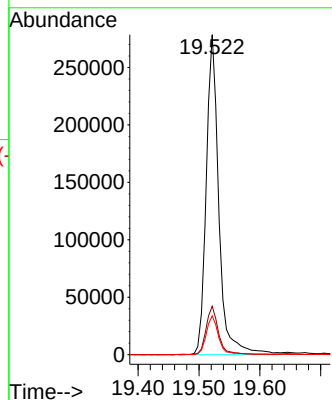
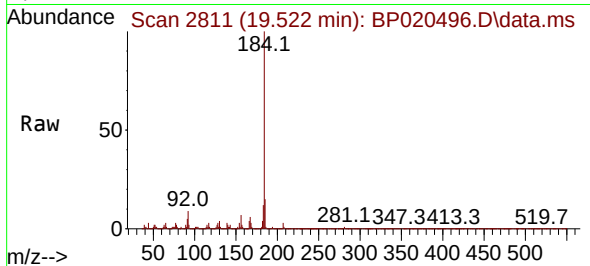




#77  
Benzidine  
Concen: 14.261 ng  
RT: 19.522 min Scan# 2811  
Delta R.T. -0.011 min  
Lab File: BP020496.D  
Acq: 04 Jun 2024 13:56

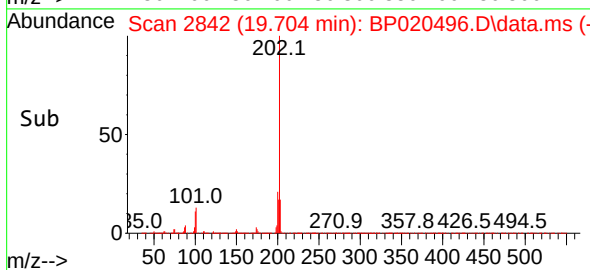
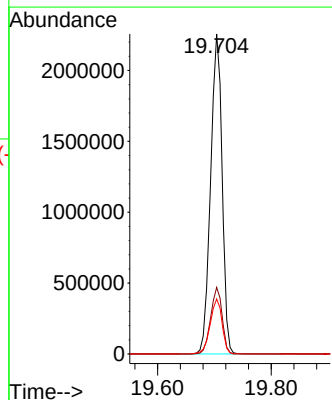
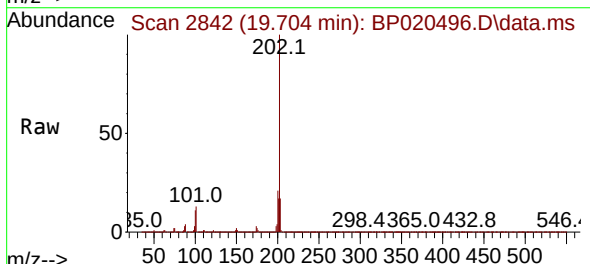
Instrument :  
BNA\_P  
ClientSampleId :  
PB161260BS

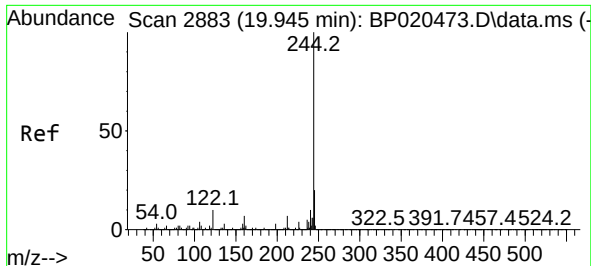
Tgt Ion:184 Resp: 401352  
Ion Ratio Lower Upper  
184 100  
185 15.1 12.0 18.0  
183 12.1 9.4 14.0



#78  
Pyrene  
Concen: 35.159 ng  
RT: 19.704 min Scan# 2842  
Delta R.T. -0.012 min  
Lab File: BP020496.D  
Acq: 04 Jun 2024 13:56

Tgt Ion:202 Resp: 3153140  
Ion Ratio Lower Upper  
202 100  
200 20.8 16.9 25.3  
203 17.2 14.1 21.1

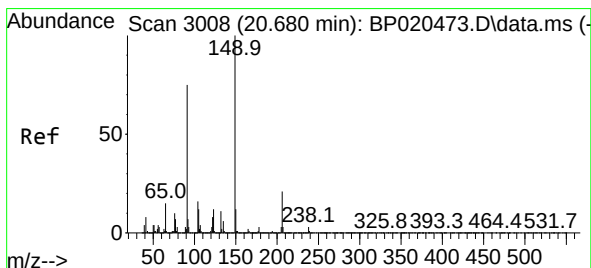
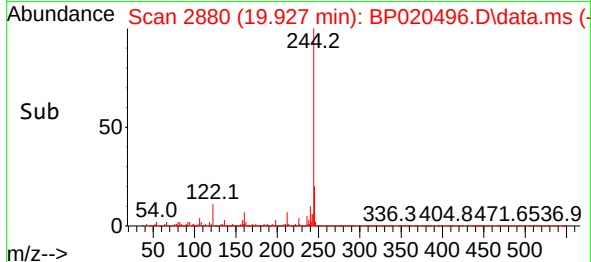
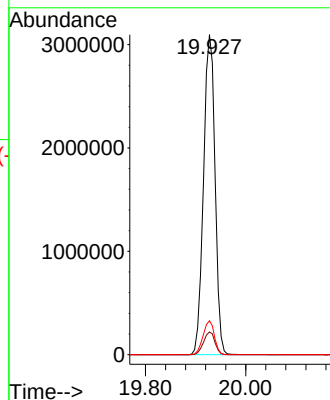
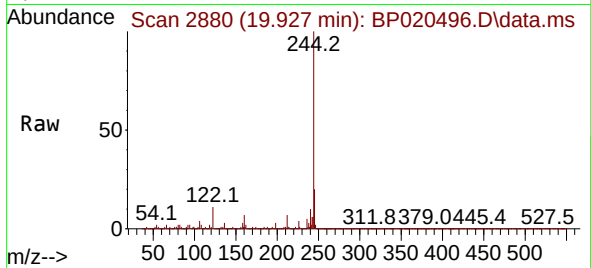




#79  
 Terphenyl-d14  
 Concen: 68.895 ng  
 RT: 19.927 min Scan# 2880  
 Delta R.T. -0.018 min  
 Lab File: BP020496.D  
 Acq: 04 Jun 2024 13:56

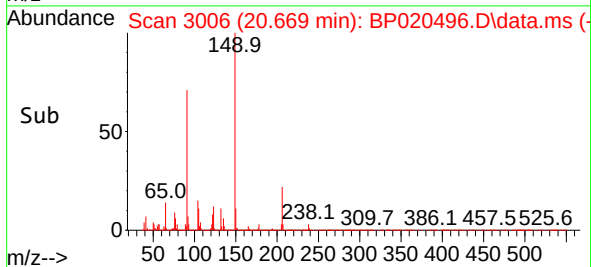
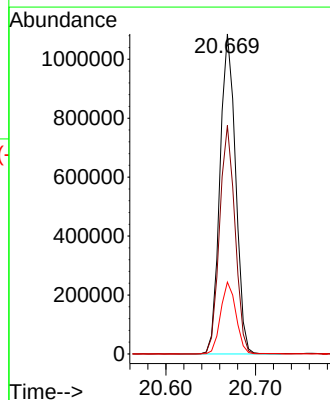
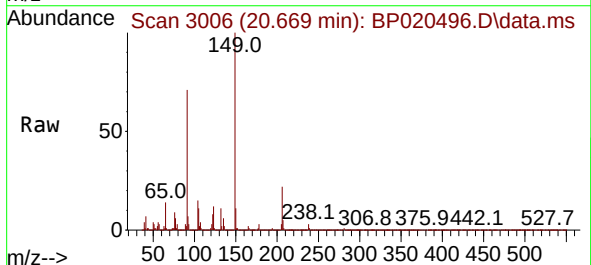
Instrument :  
 BNA\_P  
 ClientSampleId :  
 PB161260BS

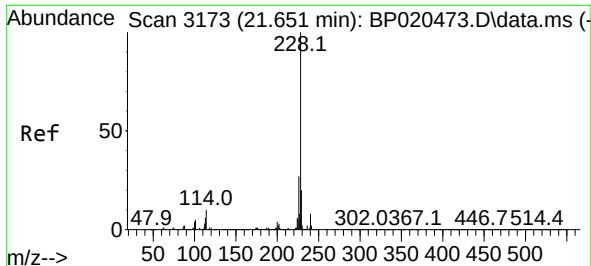
Tgt Ion:244 Resp: 4934404  
 Ion Ratio Lower Upper  
 244 100  
 212 7.1 5.8 8.8  
 122 10.6 8.2 12.2



#80  
 Butylbenzylphthalate  
 Concen: 37.000 ng  
 RT: 20.669 min Scan# 3006  
 Delta R.T. -0.011 min  
 Lab File: BP020496.D  
 Acq: 04 Jun 2024 13:56

Tgt Ion:149 Resp: 1315145  
 Ion Ratio Lower Upper  
 149 100  
 91 71.4 60.0 90.0  
 206 22.5 16.6 25.0

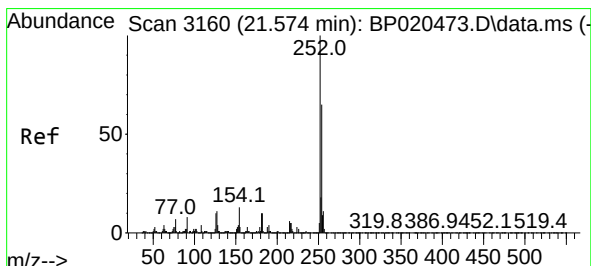
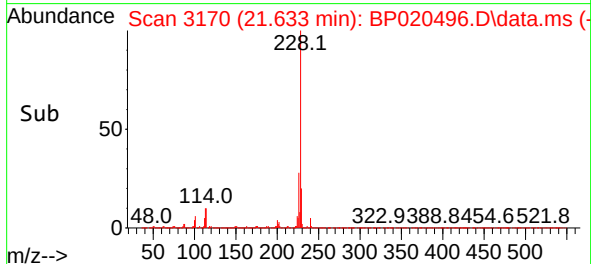
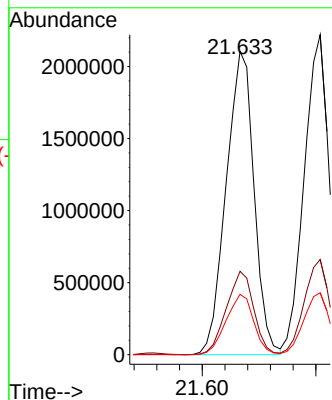
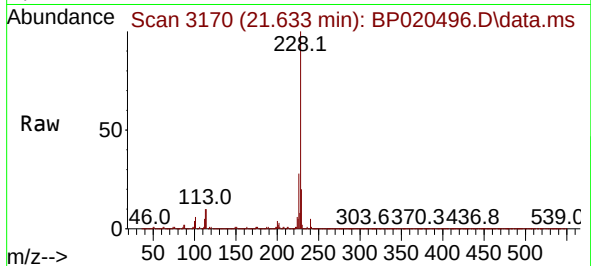




#81  
Benzo(a)anthracene  
Concen: 45.711 ng  
RT: 21.633 min Scan# 3170  
Delta R.T. -0.018 min  
Lab File: BP020496.D  
Acq: 04 Jun 2024 13:56

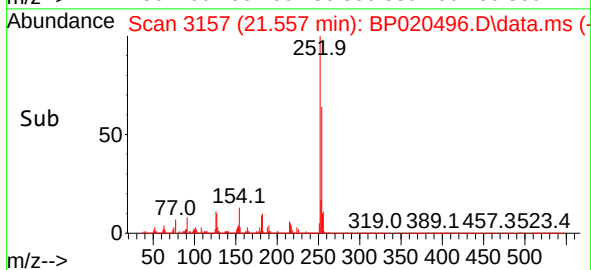
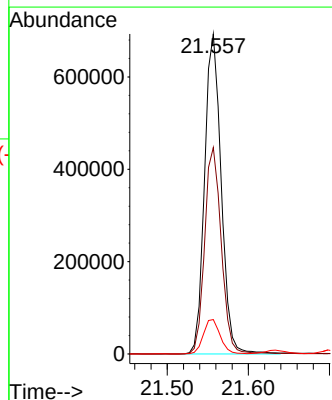
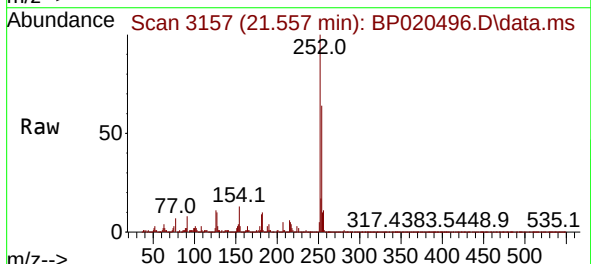
Instrument :  
BNA\_P  
ClientSampleId :  
PB161260BS

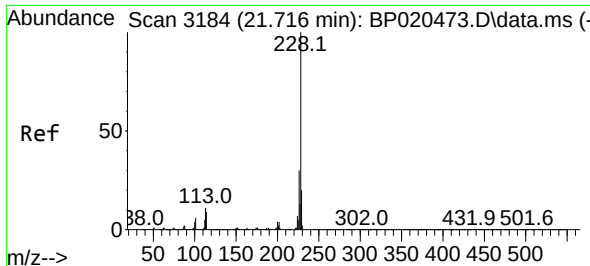
Tgt Ion:228 Resp: 3588647  
Ion Ratio Lower Upper  
228 100  
226 27.5 21.7 32.5  
229 19.9 15.8 23.6



#82  
3,3'-Dichlorobenzidine  
Concen: 42.182 ng  
RT: 21.557 min Scan# 3157  
Delta R.T. -0.017 min  
Lab File: BP020496.D  
Acq: 04 Jun 2024 13:56

Tgt Ion:252 Resp: 984418  
Ion Ratio Lower Upper  
252 100  
254 64.5 51.7 77.5  
126 10.8 8.3 12.5

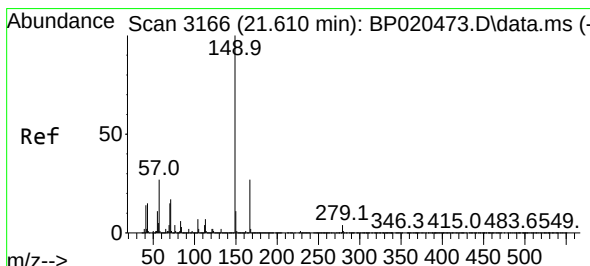
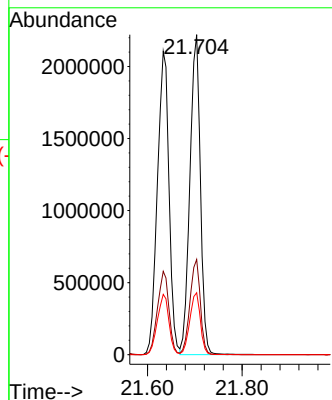
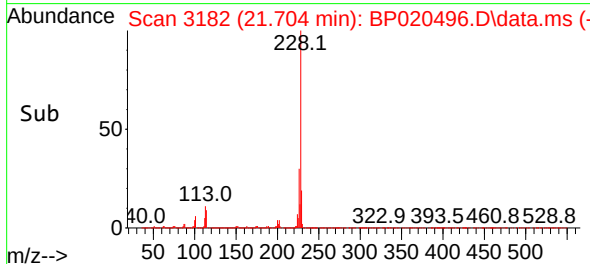
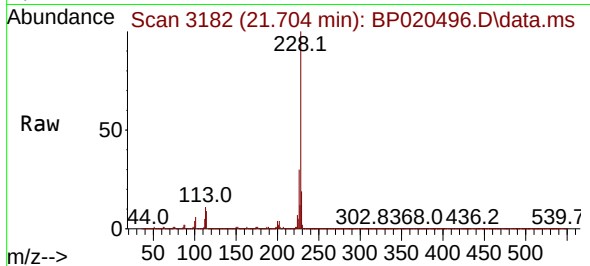




#83  
Chrysene  
Concen: 46.193 ng  
RT: 21.704 min Scan# 3182  
Delta R.T. -0.012 min  
Lab File: BP020496.D  
Acq: 04 Jun 2024 13:56

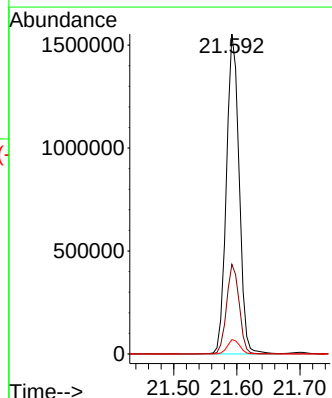
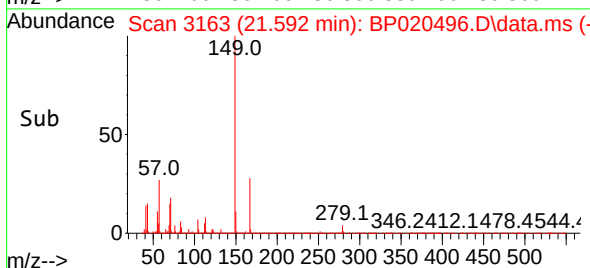
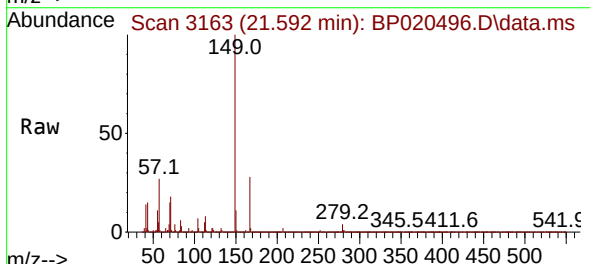
Instrument :  
BNA\_P  
ClientSampleId :  
PB161260BS

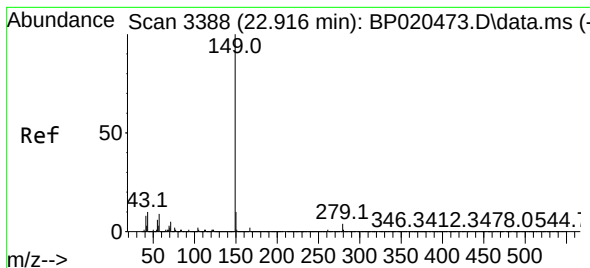
Tgt Ion:228 Resp: 3417109  
Ion Ratio Lower Upper  
228 100  
226 29.8 24.0 36.0  
229 19.4 15.7 23.5



#84  
Bis(2-ethylhexyl)phthalate  
Concen: 42.532 ng  
RT: 21.592 min Scan# 3163  
Delta R.T. -0.018 min  
Lab File: BP020496.D  
Acq: 04 Jun 2024 13:56

Tgt Ion:149 Resp: 2170852  
Ion Ratio Lower Upper  
149 100  
167 28.0 21.8 32.6  
279 4.5 3.4 5.0





#85

Di-n-octyl phthalate

Concen: 53.529 ng

RT: 22.898 min Scan# 31

Delta R.T. -0.018 min

Lab File: BP020496.D

Acq: 04 Jun 2024 13:56

Instrument :

BNA\_P

ClientSampleId :

PB161260BS

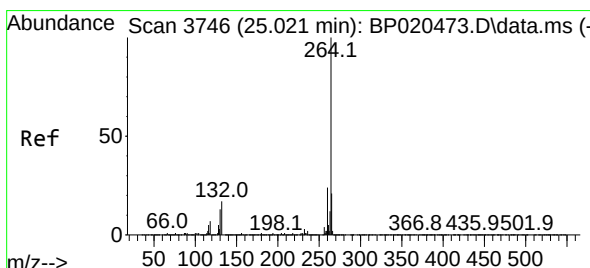
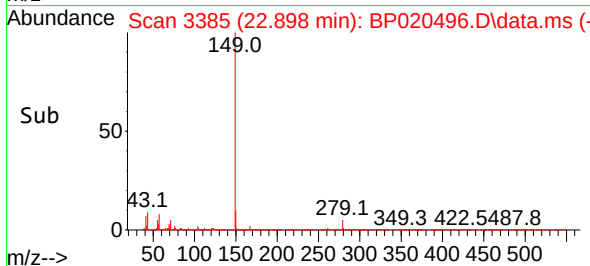
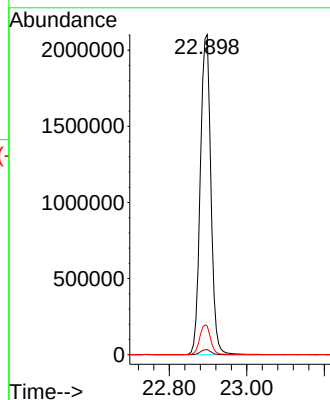
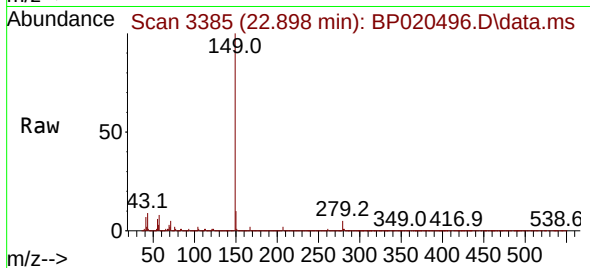
Tgt Ion:149 Resp: 3971082

Ion Ratio Lower Upper

149 100

167 1.6 1.3 1.9

43 9.6 8.2 12.2



#86

Perylene-d12

Concen: 20.000 ng

RT: 25.010 min Scan# 3744

Delta R.T. -0.012 min

Lab File: BP020496.D

Acq: 04 Jun 2024 13:56

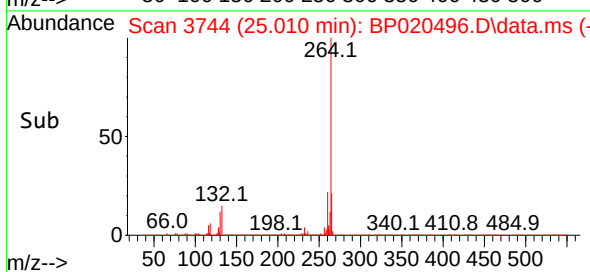
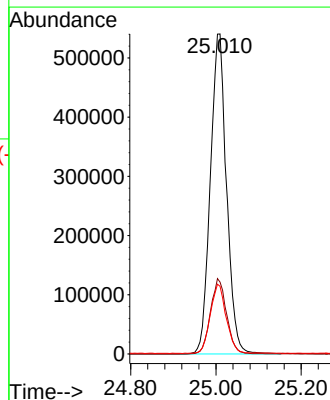
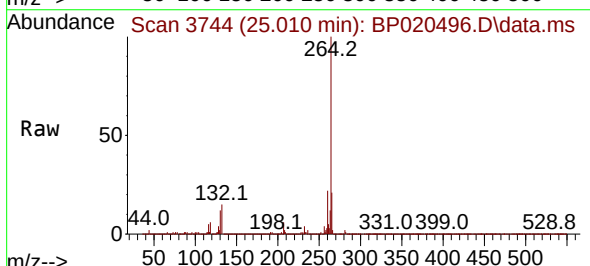
Tgt Ion:264 Resp: 1424991

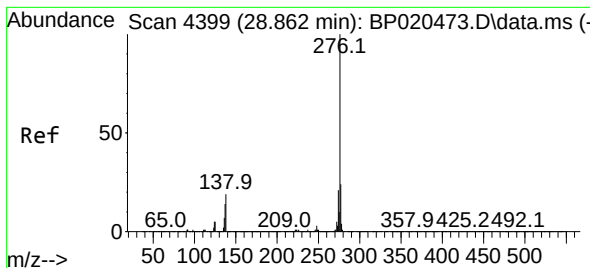
Ion Ratio Lower Upper

264 100

260 22.4 18.9 28.3

265 21.2 17.4 26.0





#87

Indeno(1,2,3-cd)pyrene

Concen: 47.585 ng

RT: 28.833 min Scan# 41

Delta R.T. -0.029 min

Lab File: BP020496.D

Acq: 04 Jun 2024 13:56

Instrument :

BNA\_P

ClientSampleId :

PB161260BS

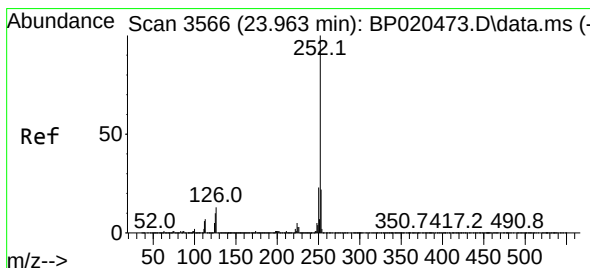
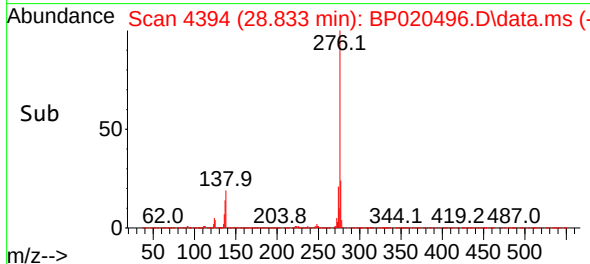
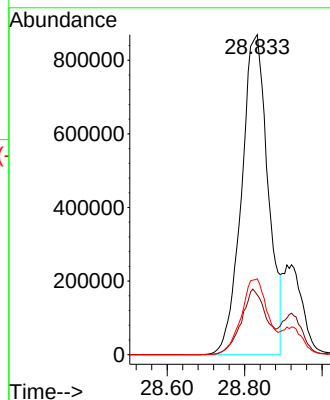
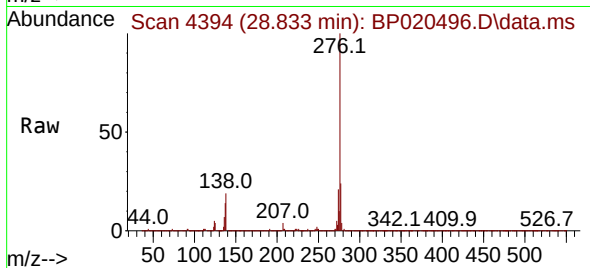
Tgt Ion:276 Resp: 4123376

Ion Ratio Lower Upper

276 100

138 19.6 12.8 19.2#

277 23.7 15.6 23.4#



#88

Benzo(b)fluoranthene

Concen: 46.136 ng

RT: 23.945 min Scan# 3563

Delta R.T. -0.018 min

Lab File: BP020496.D

Acq: 04 Jun 2024 13:56

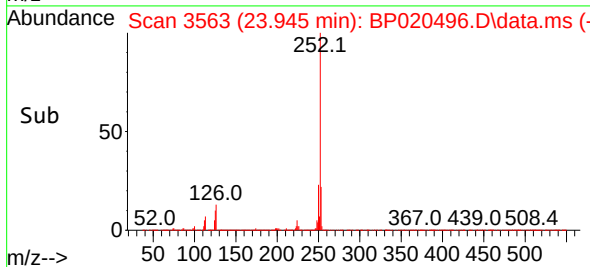
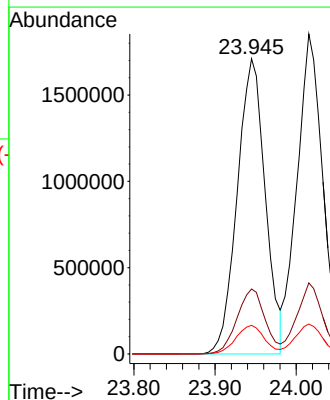
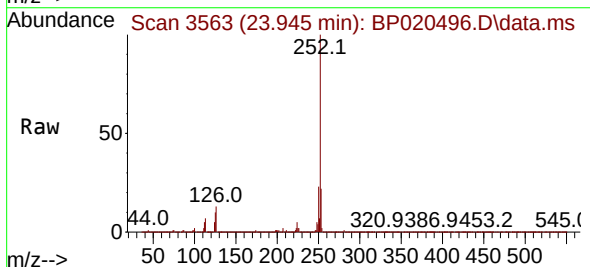
Tgt Ion:252 Resp: 4095711

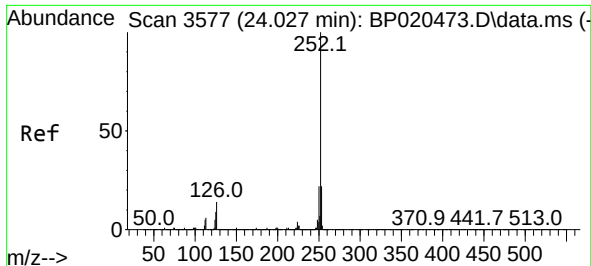
Ion Ratio Lower Upper

252 100

253 22.0 17.6 26.4

125 9.7 8.0 12.0

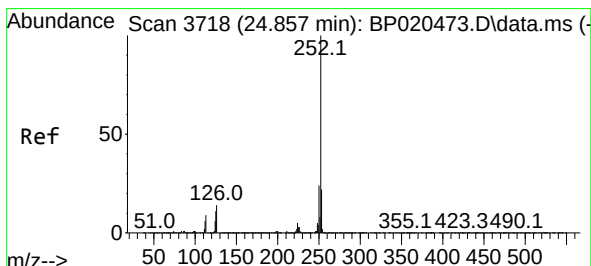
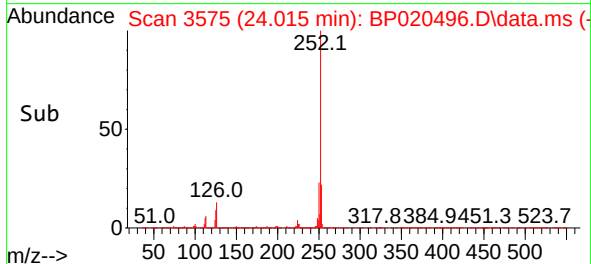
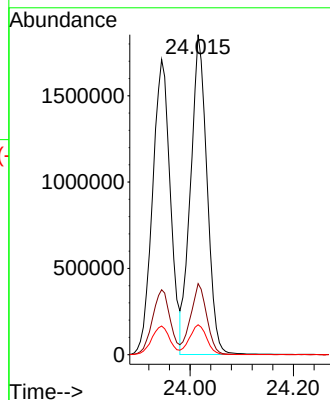
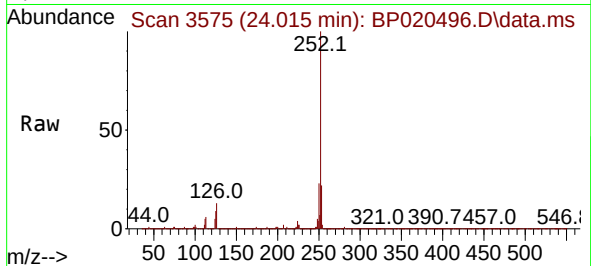




#89  
Benzo(k)fluoranthene  
Concen: 47.191 ng  
RT: 24.015 min Scan# 3575  
Delta R.T. -0.012 min  
Lab File: BP020496.D  
Acq: 04 Jun 2024 13:56

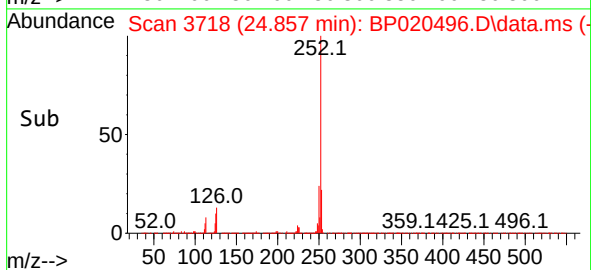
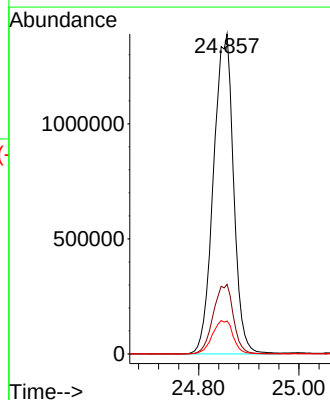
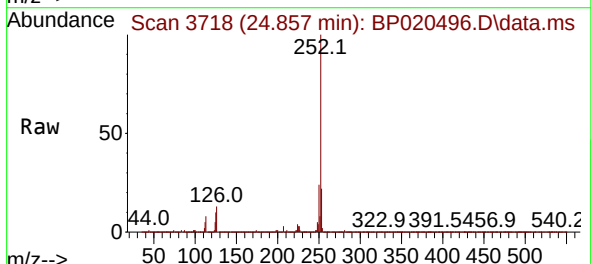
Instrument :  
BNA\_P  
ClientSampleId :  
PB161260BS

Tgt Ion:252 Resp: 4085980  
Ion Ratio Lower Upper  
252 100  
253 22.2 17.7 26.5  
125 9.4 7.8 11.6

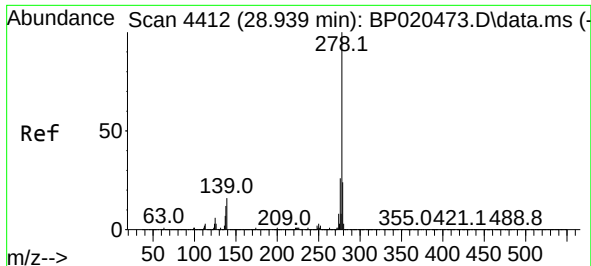


#90  
Benzo(a)pyrene  
Concen: 52.503 ng  
RT: 24.857 min Scan# 3718  
Delta R.T. -0.000 min  
Lab File: BP020496.D  
Acq: 04 Jun 2024 13:56

Tgt Ion:252 Resp: 3860084  
Ion Ratio Lower Upper  
252 100  
253 21.8 17.4 26.2  
125 10.3 8.9 13.3



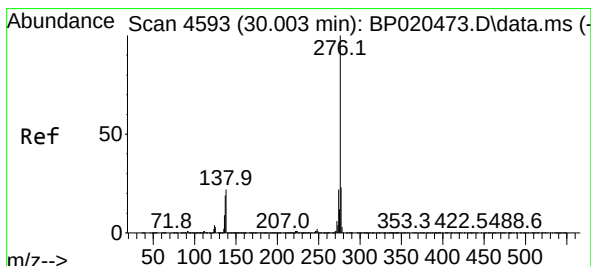
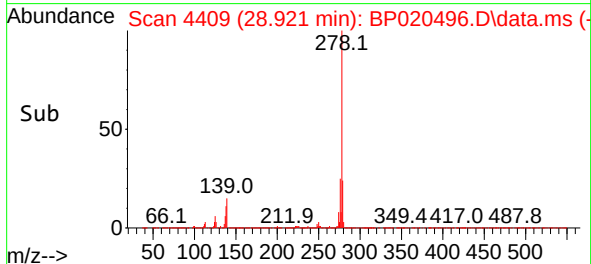
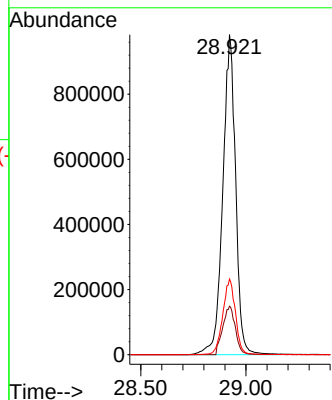
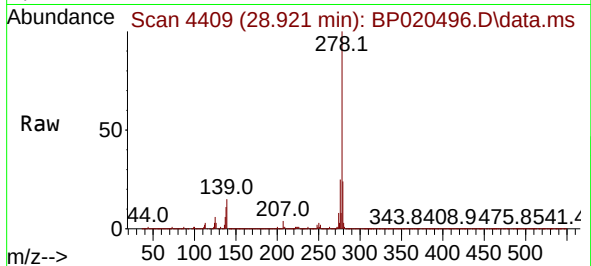




#91  
Dibenzo(a,h)anthracene  
Concen: 57.491 ng  
RT: 28.921 min Scan# 4412  
Delta R.T. -0.018 min  
Lab File: BP020496.D  
Acq: 04 Jun 2024 13:56

Instrument :  
BNA\_P  
ClientSampleId :  
PB161260BS

Tgt Ion:278 Resp: 4155261  
Ion Ratio Lower Upper  
278 100  
139 15.2 13.0 19.4  
279 23.7 19.2 28.8



#92  
Benzo(g,h,i)perylene  
Concen: 54.147 ng  
RT: 29.997 min Scan# 4592  
Delta R.T. -0.006 min  
Lab File: BP020496.D  
Acq: 04 Jun 2024 13:56

Tgt Ion:276 Resp: 3911768  
Ion Ratio Lower Upper  
276 100  
277 23.8 18.7 28.1  
138 21.4 17.7 26.5

