

Data Path : Z:\svoasrv\HPCHEM1\BNA\_P\Data\BP060324\  
 Data File : BP020490.D  
 Acq On : 03 Jun 2024 13:24  
 Operator : MA/JU  
 Sample : PB161236BSD  
 Misc :  
 ALS Vial : 5 Sample Multiplier: 1

Instrument :  
 BNA\_P  
 ClientSampleId :  
 PB161236BSD

Quant Time: Jun 03 13:58:21 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  | 335665   | 20.000  | ng    | 0.00     |
| 21) Naphthalene-d8            | 10.540 | 136  | 1247629  | 20.000  | ng    | 0.00     |
| 39) Acenaphthene-d10          | 14.387 | 164  | 663703   | 20.000  | ng    | 0.00     |
| 64) Phenanthrene-d10          | 17.198 | 188  | 1112803  | 20.000  | ng    | 0.00     |
| 76) Chrysene-d12              | 21.651 | 240  | 1079813  | 20.000  | ng    | -0.02    |
| 86) Perylene-d12              | 25.010 | 264  | 1322702  | 20.000  | ng    | -0.01    |
| System Monitoring Compounds   |        |      |          |         |       |          |
| 5) 2-Fluorophenol             | 5.375  | 112  | 2511461  | 133.962 | ng    | 0.00     |
| 7) Phenol-d6                  | 6.934  | 99   | 3062155  | 115.821 | ng    | 0.00     |
| 23) Nitrobenzene-d5           | 8.911  | 82   | 1876937  | 82.351  | ng    | -0.01    |
| 42) 2,4,6-Tribromophenol      | 15.898 | 330  | 786632   | 114.204 | ng    | -0.01    |
| 45) 2-Fluorobiphenyl          | 12.999 | 172  | 3855507  | 86.598  | ng    | 0.00     |
| 79) Terphenyl-d14             | 19.939 | 244  | 4331503  | 66.778  | ng    | 0.00     |
| Target Compounds              |        |      |          |         |       |          |
|                               |        |      |          |         |       | Qvalue   |
| 2) 1,4-Dioxane                | 3.334  | 88   | 277296   | 36.606  | ng    | 98       |
| 3) Pyridine                   | 3.717  | 79   | 697172   | 32.734  | ng    | 98       |
| 4) n-Nitrosodimethylamine     | 3.634  | 42   | 429058   | 41.475  | ng    | 99       |
| 6) Aniline                    | 7.105  | 93   | 806539   | 30.106  | ng    | 98       |
| 8) 2-Chlorophenol             | 7.334  | 128  | 904929   | 43.059  | ng    | 99       |
| 9) Benzaldehyde               | 6.917  | 77   | 145538   | 8.582   | ng    | 98       |
| 10) Phenol                    | 6.958  | 94   | 1098868  | 40.576  | ng    | 98       |
| 11) bis(2-Chloroethyl)ether   | 7.199  | 93   | 901701   | 40.373  | ng    | 99       |
| 12) 1,3-Dichlorobenzene       | 7.658  | 146  | 1032944  | 41.717  | ng    | 99       |
| 13) 1,4-Dichlorobenzene       | 7.805  | 146  | 1051396  | 41.778  | ng    | 99       |
| 14) 1,2-Dichlorobenzene       | 8.116  | 146  | 998832   | 41.125  | ng    | 98       |
| 15) Benzyl Alcohol            | 7.999  | 79   | 762783   | 39.059  | ng    | 99       |
| 16) 2,2'-oxybis(1-Chloropr... | 8.275  | 45   | 1309703  | 39.279  | ng    | 100      |
| 17) 2-Methylphenol            | 8.193  | 107  | 709465   | 38.604  | ng    | 99       |
| 18) Hexachloroethane          | 8.834  | 117  | 378503   | 41.189  | ng    | 97       |
| 19) n-Nitroso-di-n-propyla... | 8.558  | 70   | 635562   | 35.214  | ng    | 99       |
| 20) 3+4-Methylphenols         | 8.516  | 107  | 932791   | 37.317  | ng    | 99       |
| 22) Acetophenone              | 8.575  | 105  | 1300939  | 42.008  | ng    | 99       |
| 24) Nitrobenzene              | 8.952  | 77   | 934564   | 40.403  | ng    | 99       |
| 25) Isophorone                | 9.475  | 82   | 1685557  | 38.063  | ng    | 100      |
| 26) 2-Nitrophenol             | 9.646  | 139  | 361981   | 40.226  | ng    | 99       |
| 27) 2,4-Dimethylphenol        | 9.710  | 122  | 602353   | 45.024  | ng    | 98       |
| 28) bis(2-Chloroethoxy)met... | 9.952  | 93   | 1078799  | 39.635  | ng    | 100      |
| 29) 2,4-Dichlorophenol        | 10.181 | 162  | 759095   | 42.294  | ng    | 98       |
| 30) 1,2,4-Trichlorobenzene    | 10.393 | 180  | 903743   | 42.414  | ng    | 98       |
| 31) Naphthalene               | 10.593 | 128  | 2612096  | 40.954  | ng    | 100      |
| 32) Benzoic acid              | 9.834  | 122  | 381358   | 32.572  | ng    | 97       |
| 33) 4-Chloroaniline           | 10.687 | 127  | 377322   | 15.293  | ng    | 99       |
| 34) Hexachlorobutadiene       | 10.869 | 225  | 567691   | 42.295  | ng    | 99       |
| 35) Caprolactam               | 11.457 | 113  | 201984   | 30.709  | ng    | 96       |
| 36) 4-Chloro-3-methylphenol   | 11.805 | 107  | 746614   | 35.529  | ng    | 98       |
| 37) 2-Methylnaphthalene       | 12.193 | 142  | 1699774  | 37.192  | ng    | 99       |
| 38) 1-Methylnaphthalene       | 12.422 | 142  | 1578590  | 34.844  | ng    | 100      |
| 40) 1,2,4,5-Tetrachloroben... | 12.552 | 216  | 932918   | 48.582  | ng    | 99       |
| 41) Hexachlorocyclopentadiene | 12.534 | 237  | 940392   | 139.341 | ng    | 99       |
| 43) 2,4,6-Trichlorophenol     | 12.799 | 196  | 535261   | 46.112  | ng    | 98       |

Data Path : Z:\svoasrv\HPCHEM1\BNA\_P\Data\BP060324\  
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 Acq On : 03 Jun 2024 13:24  
 Operator : MA/JU  
 Sample : PB161236BSD  
 Misc :  
 ALS Vial : 5 Sample Multiplier: 1

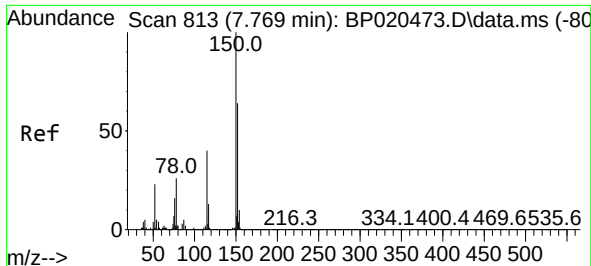
Instrument :  
 BNA\_P  
 ClientSampleId :  
 PB161236BSD

Quant Time: Jun 03 13:58:21 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) |
|-------------------------------|--------|------|----------|--------|-------|----------|
| 44) 2,4,5-Trichlorophenol     | 12.863 | 196  | 560488   | 41.854 | ng    | # 97     |
| 46) 1,1'-Biphenyl             | 13.210 | 154  | 2094145  | 44.709 | ng    | 99       |
| 47) 2-Chloronaphthalene       | 13.251 | 162  | 1596079  | 42.864 | ng    | 99       |
| 48) 2-Nitroaniline            | 13.457 | 65   | 409667   | 40.602 | ng    | 99       |
| 49) Acenaphthylene            | 14.104 | 152  | 2484971  | 44.975 | ng    | 100      |
| 50) Dimethylphthalate         | 13.851 | 163  | 1799961  | 38.474 | ng    | 100      |
| 51) 2,6-Dinitrotoluene        | 13.963 | 165  | 373711   | 37.372 | ng    | 99       |
| 52) Acenaphthene              | 14.451 | 154  | 1433967  | 41.144 | ng    | 99       |
| 53) 3-Nitroaniline            | 14.298 | 138  | 255933   | 25.515 | ng    | 99       |
| 54) 2,4-Dinitrophenol         | 14.493 | 184  | 261717   | 63.185 | ng    | 99       |
| 55) Dibenzofuran              | 14.793 | 168  | 2197116  | 39.795 | ng    | 98       |
| 56) 4-Nitrophenol             | 14.598 | 139  | 595130   | 76.701 | ng    | 97       |
| 57) 2,4-Dinitrotoluene        | 14.751 | 165  | 473242   | 36.011 | ng    | 99       |
| 58) Fluorene                  | 15.451 | 166  | 1667493  | 37.622 | ng    | 100      |
| 59) 2,3,4,6-Tetrachlorophenol | 15.022 | 232  | 437306   | 39.904 | ng    | 99       |
| 60) Diethylphthalate          | 15.240 | 149  | 1688368  | 35.502 | ng    | 99       |
| 61) 4-Chlorophenyl-phenyle... | 15.457 | 204  | 866182   | 37.871 | ng    | 99       |
| 62) 4-Nitroaniline            | 15.475 | 138  | 341613   | 33.062 | ng    | 99       |
| 63) Azobenzene                | 15.757 | 77   | 1637464  | 36.874 | ng    | 98       |
| 65) 4,6-Dinitro-2-methylph... | 15.528 | 198  | 174581   | 37.397 | ng    | 98       |
| 66) n-Nitrosodiphenylamine    | 15.675 | 169  | 1438163  | 47.007 | ng    | 99       |
| 67) 4-Bromophenyl-phenylether | 16.369 | 248  | 505542   | 44.406 | ng    | 99       |
| 68) Hexachlorobenzene         | 16.475 | 284  | 580552   | 43.329 | ng    | 97       |
| 69) Atrazine                  | 16.645 | 200  | 449527   | 41.764 | ng    | 99       |
| 70) Pentachlorophenol         | 16.834 | 266  | 662597   | 81.424 | ng    | 99       |
| 71) Phenanthrene              | 17.245 | 178  | 2369456  | 43.315 | ng    | 100      |
| 72) Anthracene                | 17.334 | 178  | 2358627  | 43.941 | ng    | 99       |
| 73) Carbazole                 | 17.610 | 167  | 2116845  | 40.770 | ng    | 100      |
| 74) Di-n-butylphthalate       | 18.222 | 149  | 2479154  | 39.429 | ng    | 100      |
| 75) Fluoranthene              | 19.328 | 202  | 2607164  | 40.287 | ng    | 100      |
| 77) Benzidine                 | 19.539 | 184  | 569362   | 18.957 | ng    | 99       |
| 78) Pyrene                    | 19.710 | 202  | 2783003  | 34.264 | ng    | 100      |
| 80) Butylbenzylphthalate      | 20.680 | 149  | 1071026  | 33.516 | ng    | 96       |
| 81) Benzo(a)anthracene        | 21.628 | 228  | 3072254  | 43.211 | ng    | 99       |
| 82) 3,3'-Dichlorobenzidine    | 21.557 | 252  | 941234   | 44.533 | ng    | 98       |
| 83) Chrysene                  | 21.698 | 228  | 2914431  | 43.502 | ng    | 99       |
| 84) Bis(2-ethylhexyl)phtha... | 21.598 | 149  | 1780876  | 38.526 | ng    | 99       |
| 85) Di-n-octyl phthalate      | 22.898 | 149  | 3187225  | 47.439 | ng    | 99       |
| 87) Indeno(1,2,3-cd)pyrene    | 28.827 | 276  | 3571848  | 44.408 | ng    | # 91     |
| 88) Benzo(b)fluoranthene      | 23.945 | 252  | 3418016  | 41.480 | ng    | 100      |
| 89) Benzo(k)fluoranthene      | 24.022 | 252  | 3499682  | 43.545 | ng    | 99       |
| 90) Benzo(a)pyrene            | 24.857 | 252  | 3283920  | 48.121 | ng    | 99       |
| 91) Dibenzo(a,h)anthracene    | 28.921 | 278  | 3581951  | 53.392 | ng    | 98       |
| 92) Benzo(g,h,i)perylene      | 30.004 | 276  | 3418293  | 50.976 | ng    | 99       |

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

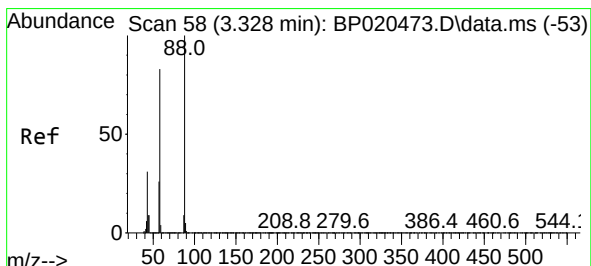
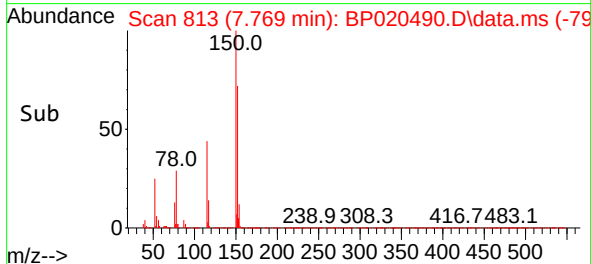
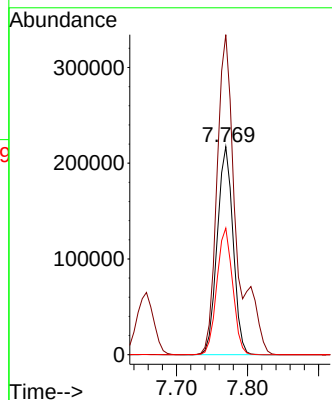
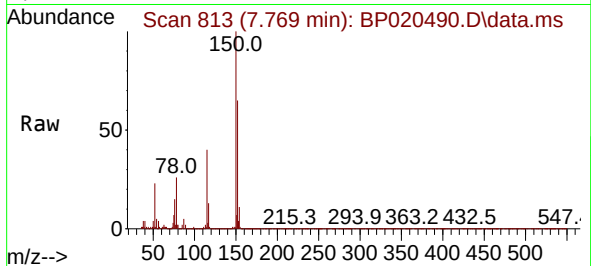




#1  
 1,4-Dichlorobenzene-d4  
 Concen: 20.000 ng  
 RT: 7.769 min Scan# 813  
 Delta R.T. 0.000 min  
 Lab File: BP020490.D  
 Acq: 03 Jun 2024 13:24

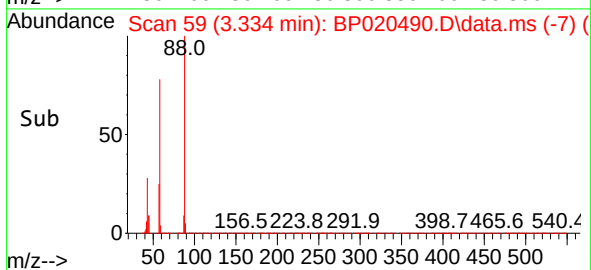
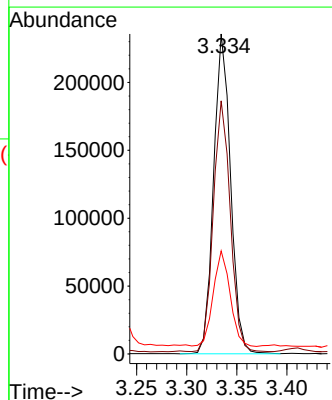
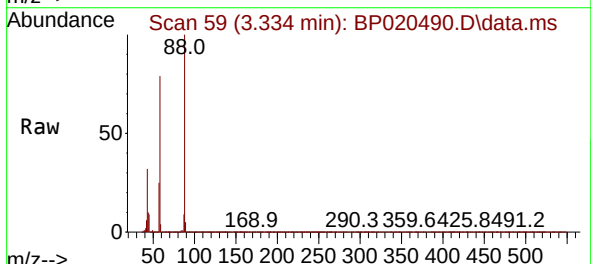
Instrument :  
 BNA\_P  
 ClientSampleId :  
 PB161236BSD

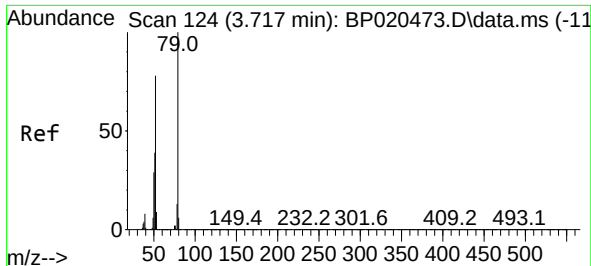
Tgt Ion:152 Resp: 335665  
 Ion Ratio Lower Upper  
 152 100  
 150 153.8 124.2 186.2  
 115 60.8 49.5 74.3



#2  
 1,4-Dioxane  
 Concen: 36.606 ng  
 RT: 3.334 min Scan# 59  
 Delta R.T. 0.006 min  
 Lab File: BP020490.D  
 Acq: 03 Jun 2024 13:24

Tgt Ion: 88 Resp: 277296  
 Ion Ratio Lower Upper  
 88 100  
 58 78.6 64.6 97.0  
 43 29.9 24.5 36.7

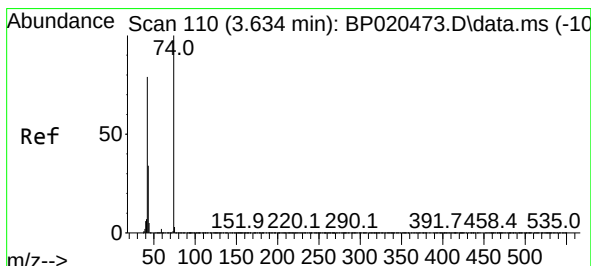
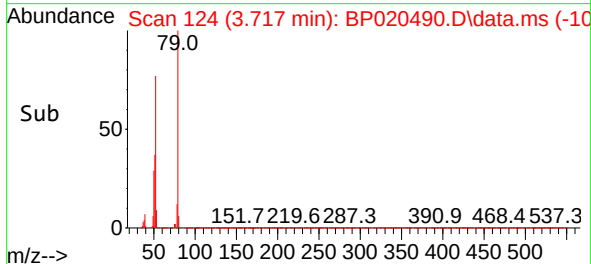
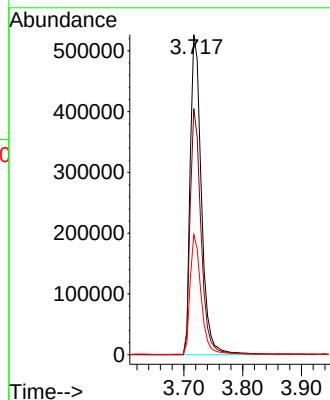
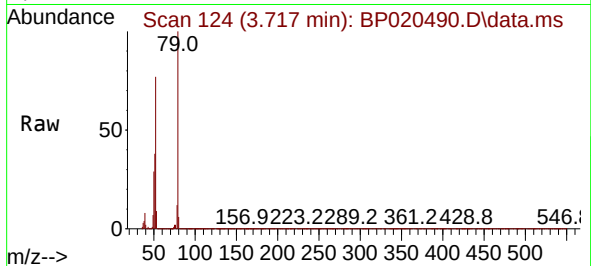




#3  
Pyridine  
Concen: 32.734 ng  
RT: 3.717 min Scan# 110  
Delta R.T. 0.000 min  
Lab File: BP020490.D  
Acq: 03 Jun 2024 13:24

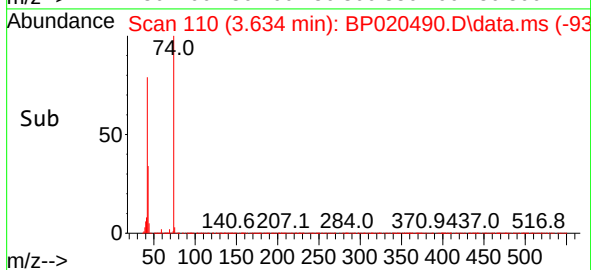
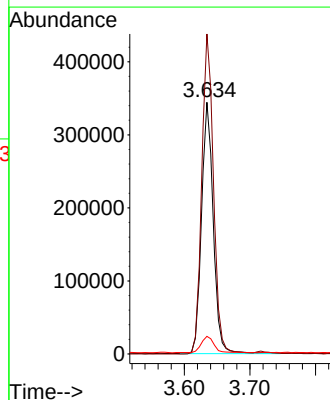
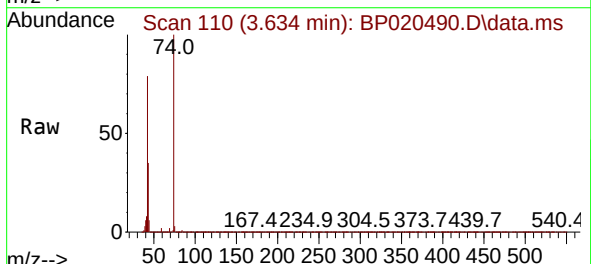
Instrument :  
BNA\_P  
ClientSampleId :  
PB161236BSD

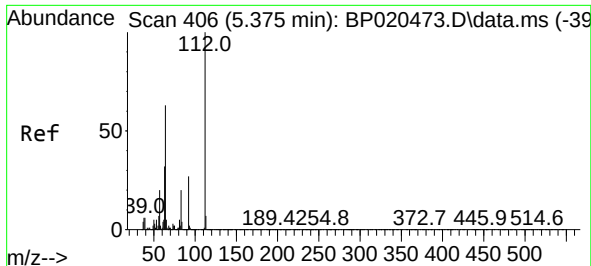
Tgt Ion: 79 Resp: 697172  
Ion Ratio Lower Upper  
79 100  
52 76.9 62.6 94.0  
51 37.5 31.0 46.4



#4  
n-Nitrosodimethylamine  
Concen: 41.475 ng  
RT: 3.634 min Scan# 110  
Delta R.T. 0.000 min  
Lab File: BP020490.D  
Acq: 03 Jun 2024 13:24

Tgt Ion: 42 Resp: 429058  
Ion Ratio Lower Upper  
42 100  
74 127.2 100.6 151.0  
44 7.0 5.8 8.8

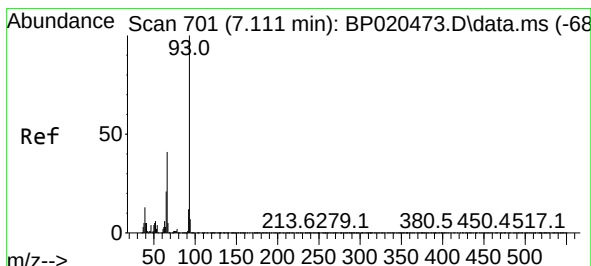
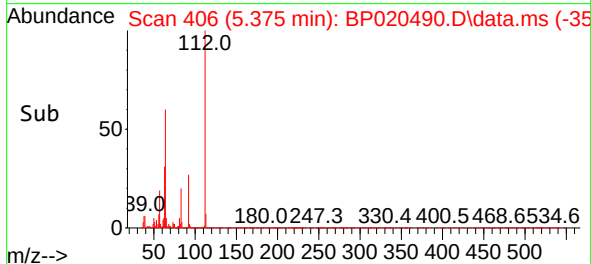
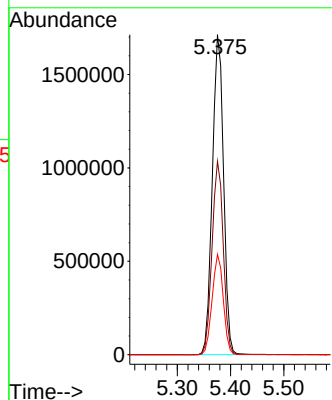
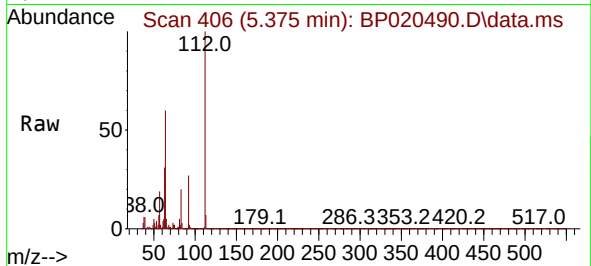




#5  
2-Fluorophenol  
Concen: 133.962 ng  
RT: 5.375 min Scan# 406  
Delta R.T. 0.000 min  
Lab File: BP020490.D  
Acq: 03 Jun 2024 13:24

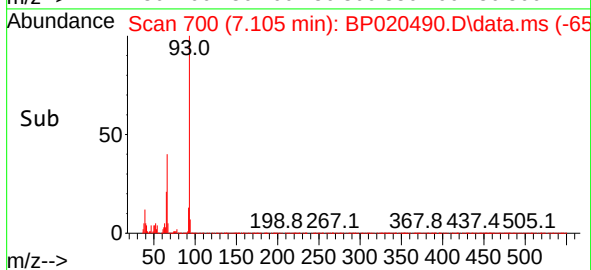
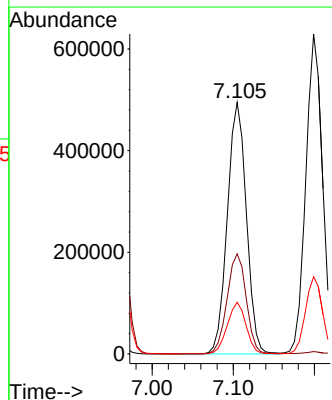
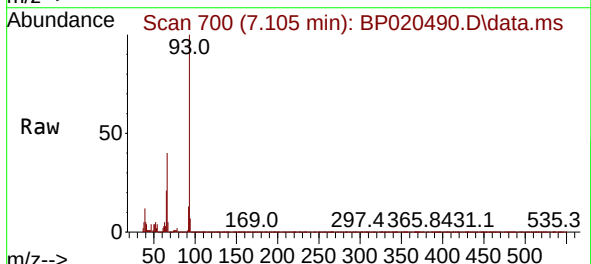
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BNA\_P  
ClientSampleId :  
PB161236BSD

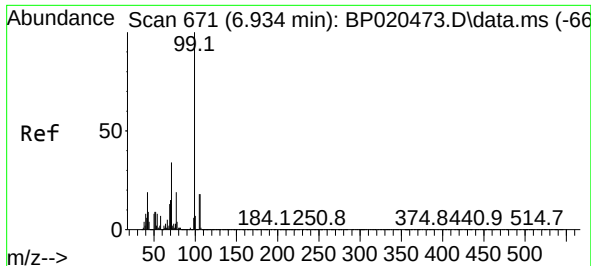
Tgt Ion:112 Resp: 2511461  
Ion Ratio Lower Upper  
112 100  
64 60.4 50.1 75.1  
63 31.4 25.7 38.5



#6  
Aniline  
Concen: 30.106 ng  
RT: 7.105 min Scan# 700  
Delta R.T. -0.006 min  
Lab File: BP020490.D  
Acq: 03 Jun 2024 13:24

Tgt Ion: 93 Resp: 806539  
Ion Ratio Lower Upper  
93 100  
66 39.8 32.8 49.2  
65 20.5 16.9 25.3

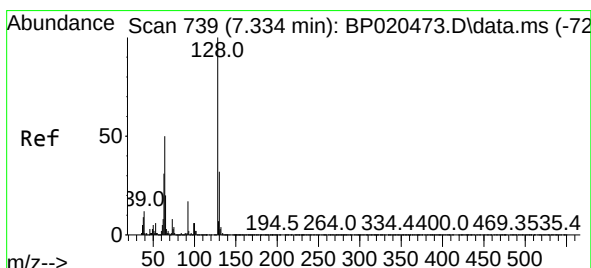
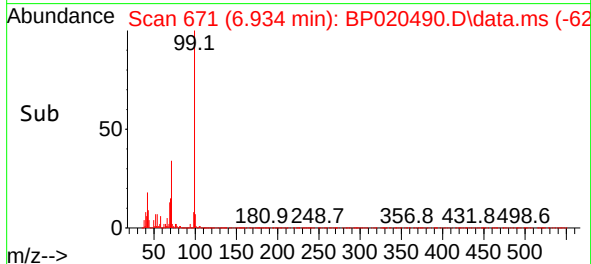
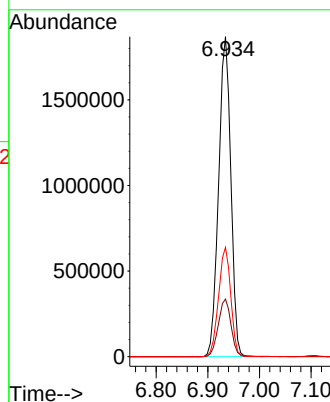
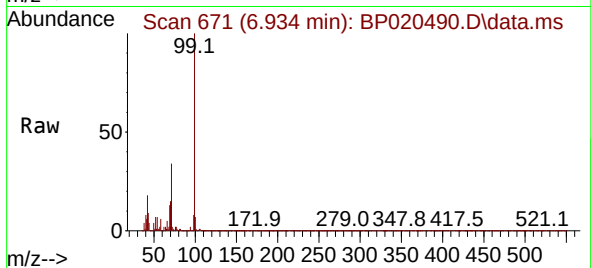




#7  
Phenol-d6  
Concen: 115.821 ng  
RT: 6.934 min Scan# 61  
Delta R.T. 0.000 min  
Lab File: BP020490.D  
Acq: 03 Jun 2024 13:24

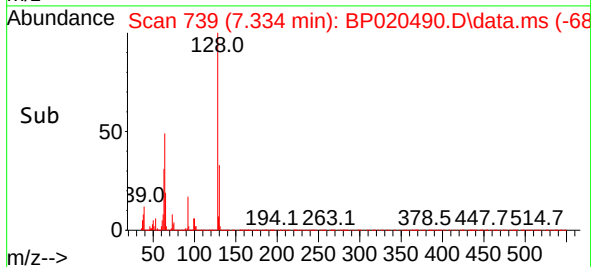
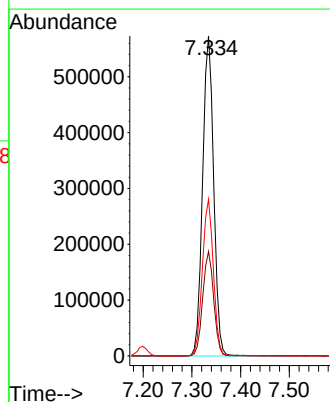
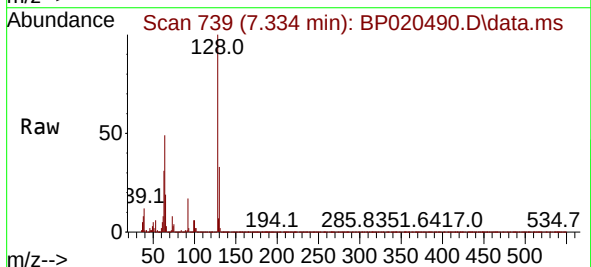
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BNA\_P  
ClientSampleId :  
PB161236BSD

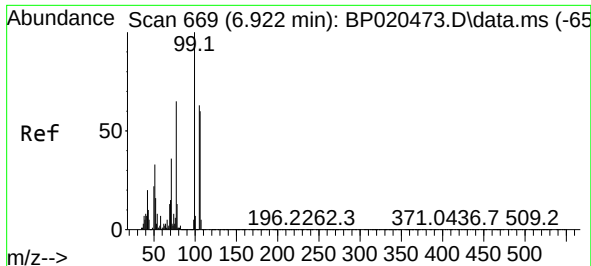
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Ion Ratio Lower Upper  
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42 18.0 15.0 22.4  
71 34.1 27.3 40.9



#8  
2-Chlorophenol  
Concen: 43.059 ng  
RT: 7.334 min Scan# 739  
Delta R.T. 0.000 min  
Lab File: BP020490.D  
Acq: 03 Jun 2024 13:24

Tgt Ion: 128 Resp: 904929  
Ion Ratio Lower Upper  
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64 49.0 29.6 69.6

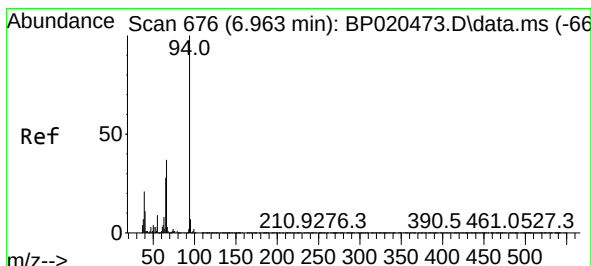
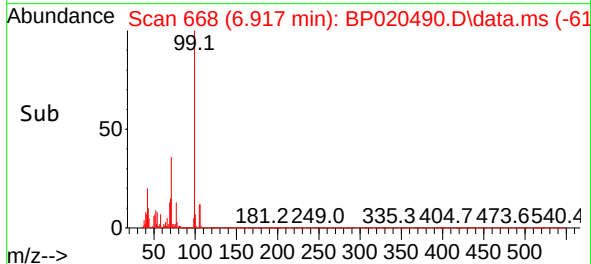
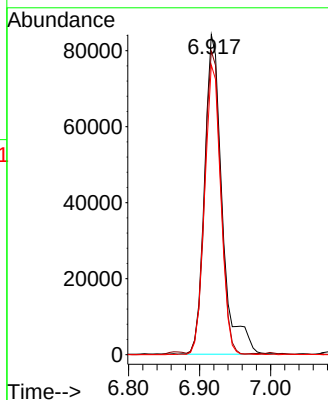
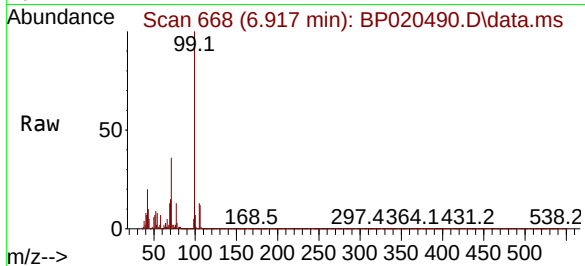




#9  
Benzaldehyde  
Concen: 8.582 ng  
RT: 6.917 min Scan# 61  
Delta R.T. -0.005 min  
Lab File: BP020490.D  
Acq: 03 Jun 2024 13:24

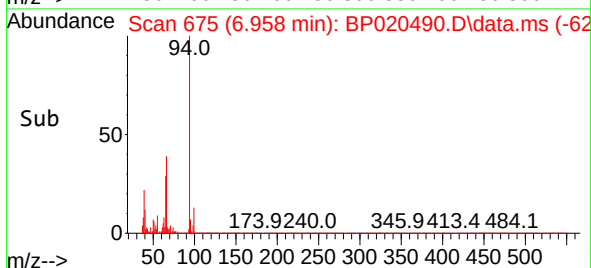
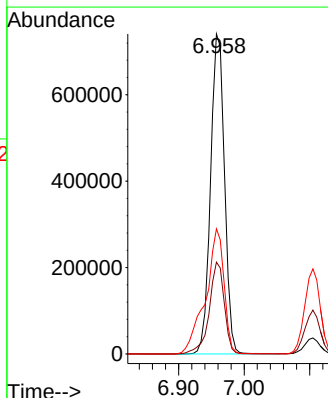
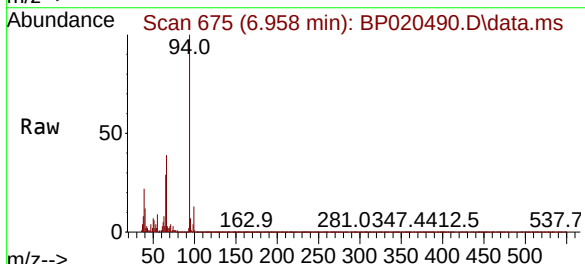
Instrument :  
BNA\_P  
ClientSampleId :  
PB161236BSD

Tgt Ion: 77 Resp: 145538  
Ion Ratio Lower Upper  
77 100  
105 94.9 76.8 116.8  
106 90.5 72.0 112.0

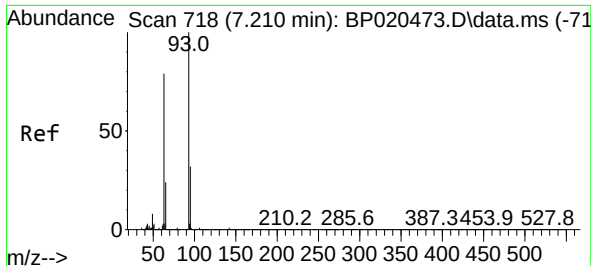


#10  
Phenol  
Concen: 40.576 ng  
RT: 6.958 min Scan# 675  
Delta R.T. -0.006 min  
Lab File: BP020490.D  
Acq: 03 Jun 2024 13:24

Tgt Ion: 94 Resp: 1098868  
Ion Ratio Lower Upper  
94 100  
65 28.7 8.2 48.2  
66 39.1 17.2 57.2



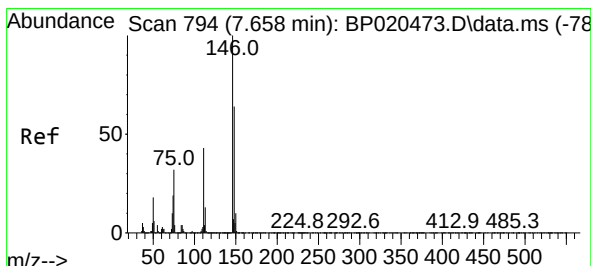
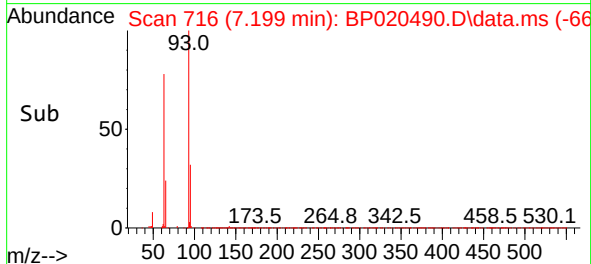
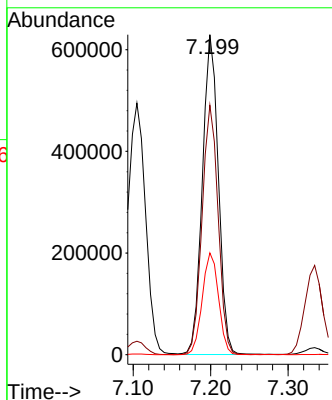
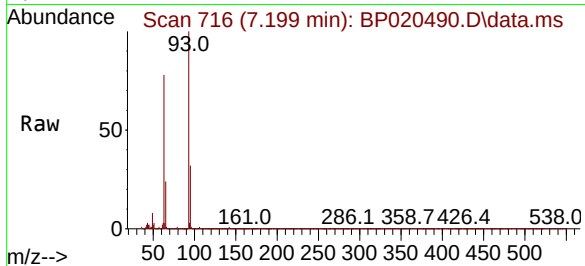




#11  
bis(2-Chloroethyl)ether  
Concen: 40.373 ng  
RT: 7.199 min Scan# 716  
Delta R.T. -0.012 min  
Lab File: BP020490.D  
Acq: 03 Jun 2024 13:24

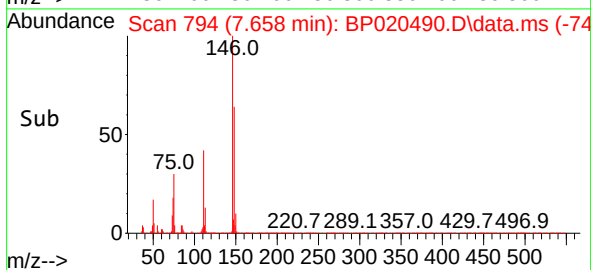
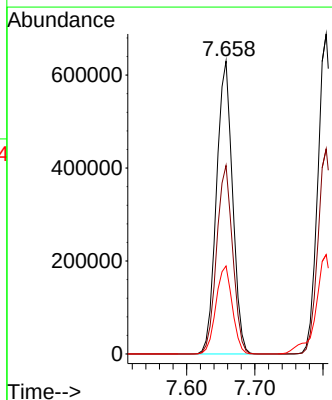
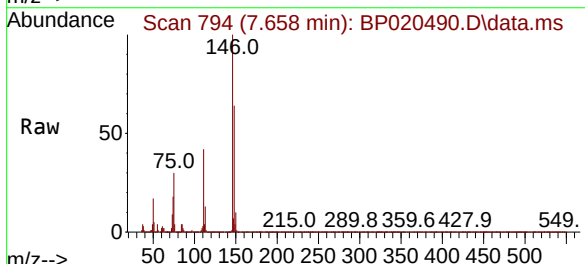
Instrument :  
BNA\_P  
ClientSampleId :  
PB161236BSD

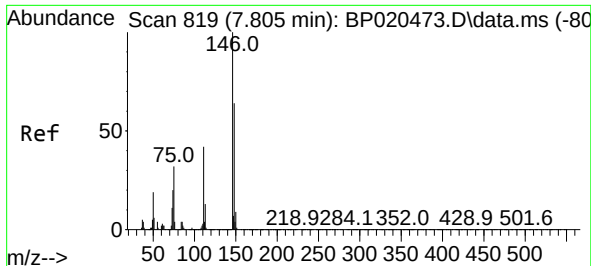
Tgt Ion: 93 Resp: 901701  
Ion Ratio Lower Upper  
93 100  
63 78.0 58.3 98.3  
95 31.8 12.3 52.3



#12  
1,3-Dichlorobenzene  
Concen: 41.717 ng  
RT: 7.658 min Scan# 794  
Delta R.T. 0.000 min  
Lab File: BP020490.D  
Acq: 03 Jun 2024 13:24

Tgt Ion:146 Resp: 1032944  
Ion Ratio Lower Upper  
146 100  
148 64.4 51.2 76.8  
75 30.1 25.3 37.9

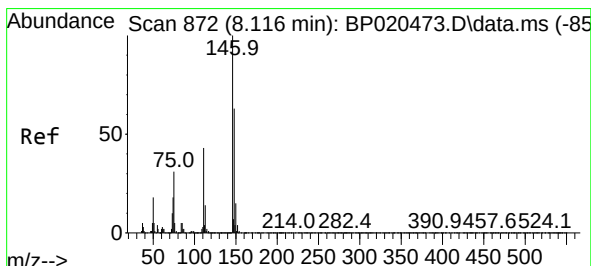
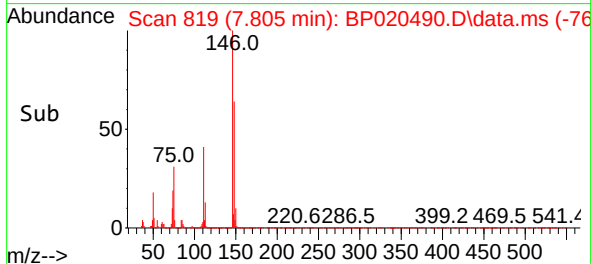
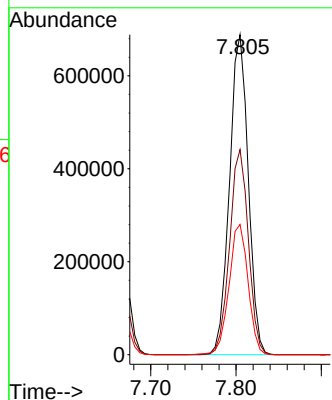
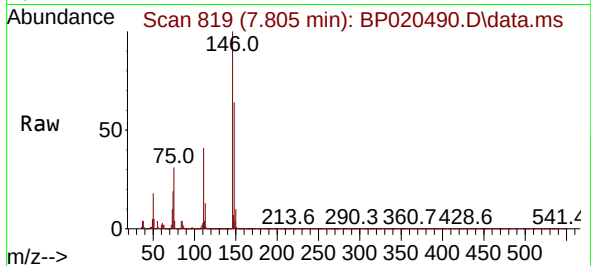




#13  
1,4-Dichlorobenzene  
Concen: 41.778 ng  
RT: 7.805 min Scan# 819  
Delta R.T. 0.000 min  
Lab File: BP020490.D  
Acq: 03 Jun 2024 13:24

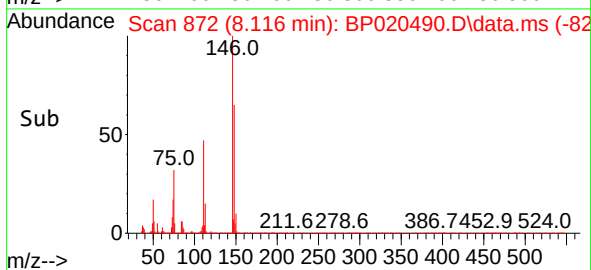
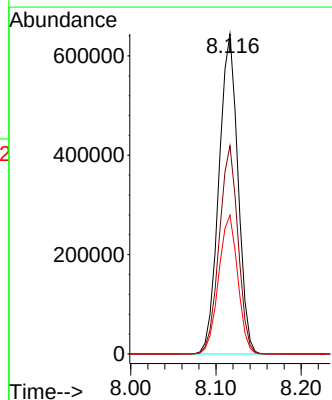
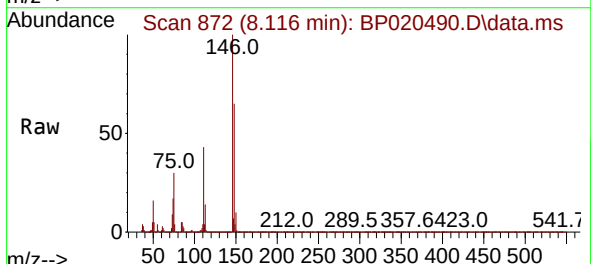
Instrument :  
BNA\_P  
ClientSampleId :  
PB161236BSD

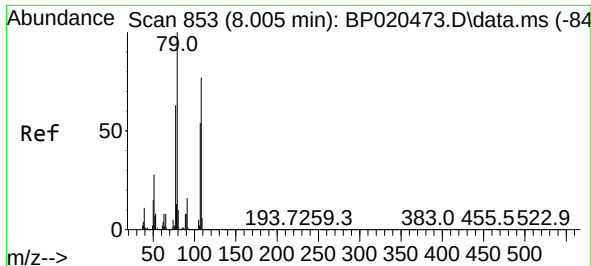
Tgt Ion:146 Resp: 1051396  
Ion Ratio Lower Upper  
146 100  
148 64.1 50.8 76.2  
111 40.7 33.8 50.6



#14  
1,2-Dichlorobenzene  
Concen: 41.125 ng  
RT: 8.116 min Scan# 872  
Delta R.T. 0.000 min  
Lab File: BP020490.D  
Acq: 03 Jun 2024 13:24

Tgt Ion:146 Resp: 998832  
Ion Ratio Lower Upper  
146 100  
148 65.1 50.1 75.1  
111 43.4 34.4 51.6

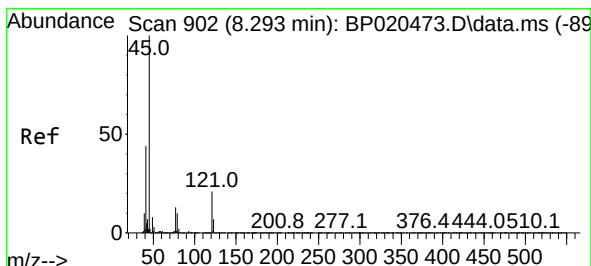
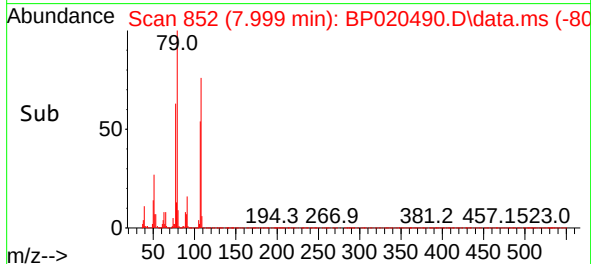
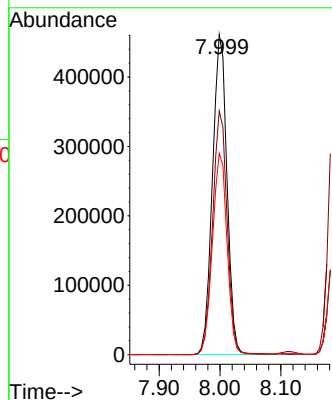
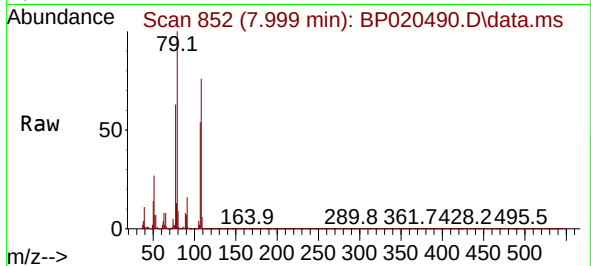




#15  
Benzyl Alcohol  
Concen: 39.059 ng  
RT: 7.999 min Scan# 81  
Delta R.T. -0.006 min  
Lab File: BP020490.D  
Acq: 03 Jun 2024 13:24

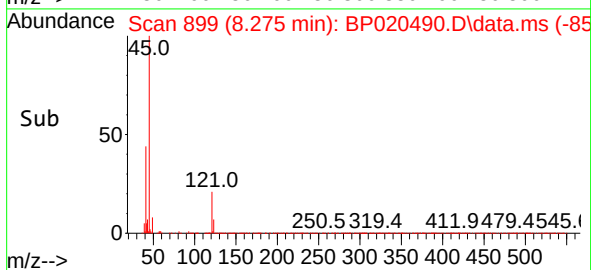
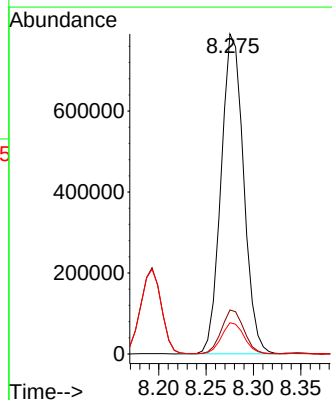
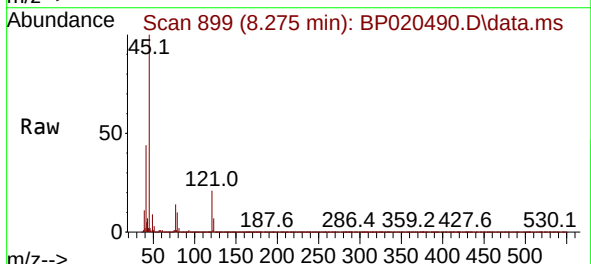
Instrument :  
BNA\_P  
ClientSampleId :  
PB161236BSD

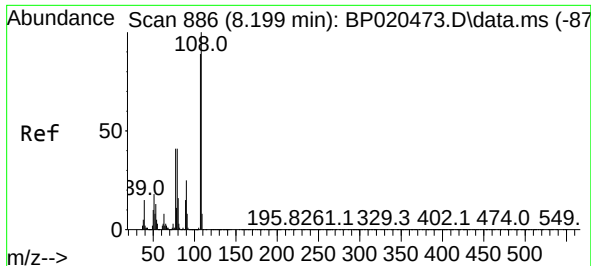
Tgt Ion: 79 Resp: 762783  
Ion Ratio Lower Upper  
79 100  
108 76.1 61.4 92.2  
77 63.0 50.2 75.2



#16  
2,2'-oxybis(1-Chloropropane)  
Concen: 39.279 ng  
RT: 8.275 min Scan# 899  
Delta R.T. -0.018 min  
Lab File: BP020490.D  
Acq: 03 Jun 2024 13:24

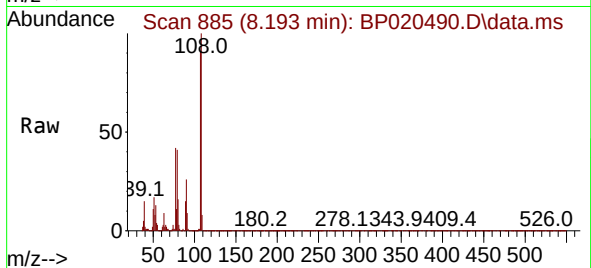
Tgt Ion: 45 Resp: 1309703  
Ion Ratio Lower Upper  
45 100  
77 13.7 0.0 33.6  
79 9.8 0.0 29.9



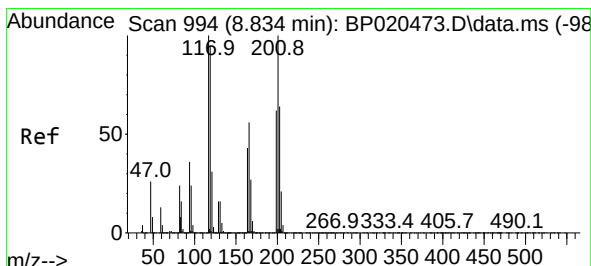
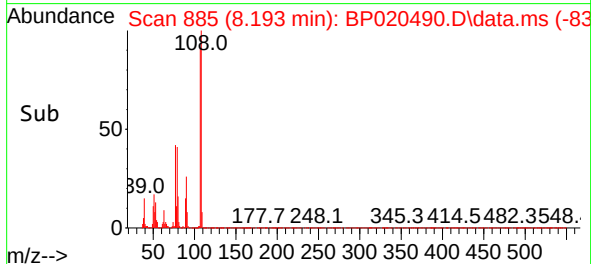
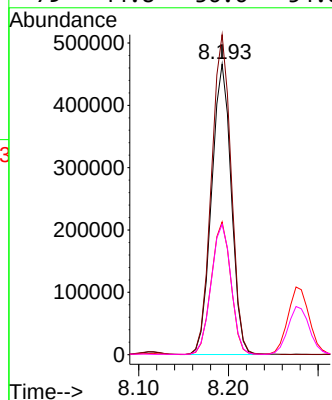


#17  
2-Methylphenol  
Concen: 38.604 ng  
RT: 8.193 min Scan# 811  
Delta R.T. -0.006 min  
Lab File: BP020490.D  
Acq: 03 Jun 2024 13:24

Instrument :  
BNA\_P  
ClientSampleId :  
PB161236BSD

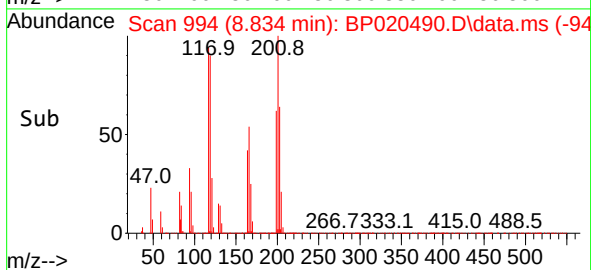
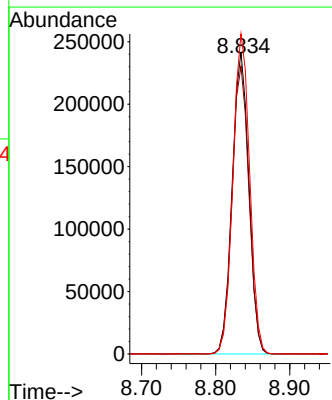
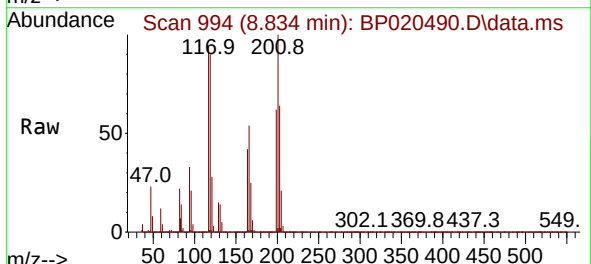


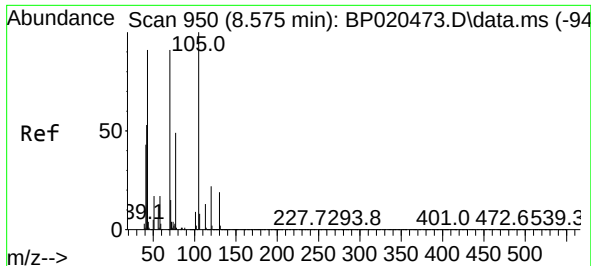
|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 107   | Resp: | 709465 |
| Ion      | Ratio | Lower | Upper  |
| 107      | 100   |       |        |
| 108      | 110.1 | 89.4  | 134.2  |
| 77       | 45.7  | 36.6  | 55.0   |
| 79       | 44.8  | 36.6  | 54.8   |



#18  
Hexachloroethane  
Concen: 41.189 ng  
RT: 8.834 min Scan# 994  
Delta R.T. 0.000 min  
Lab File: BP020490.D  
Acq: 03 Jun 2024 13:24

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 117   | Resp: | 378503 |
| Ion      | Ratio | Lower | Upper  |
| 117      | 100   |       |        |
| 119      | 95.3  | 76.3  | 114.5  |
| 201      | 105.9 | 79.9  | 119.9  |

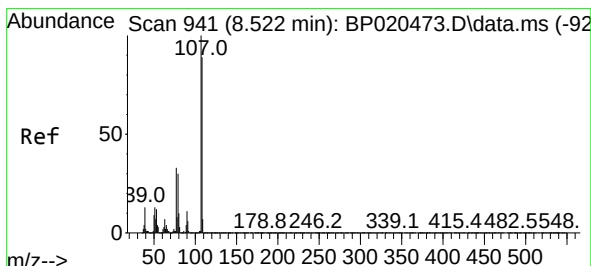
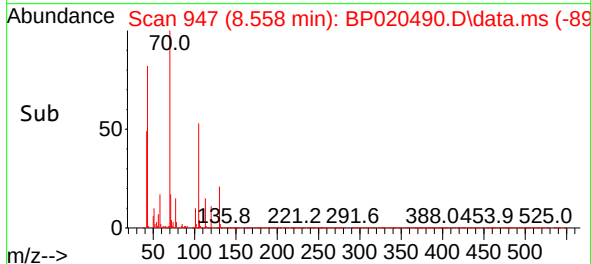
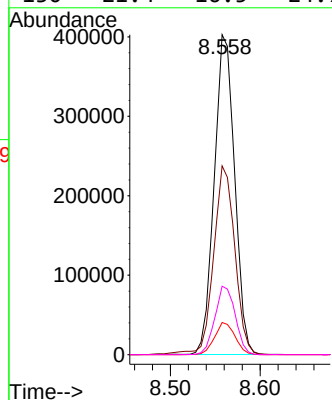
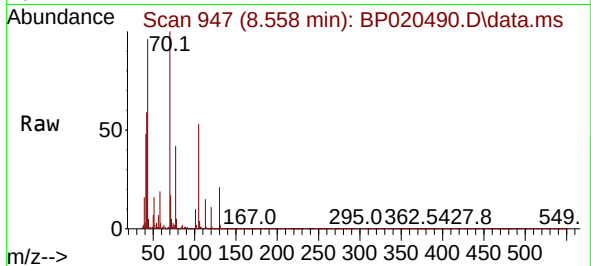




#19  
n-Nitroso-di-n-propylamine  
Concen: 35.214 ng  
RT: 8.558 min Scan# 94  
Delta R.T. -0.018 min  
Lab File: BP020490.D  
Acq: 03 Jun 2024 13:24

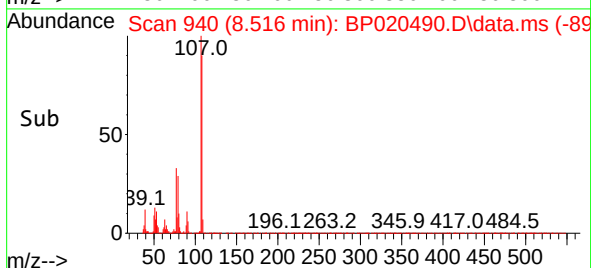
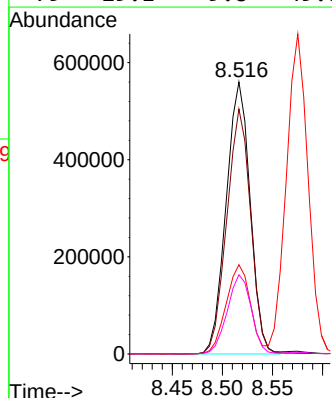
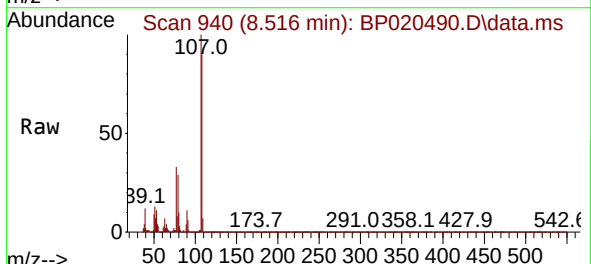
Instrument :  
BNA\_P  
ClientSampleId :  
PB161236BSD

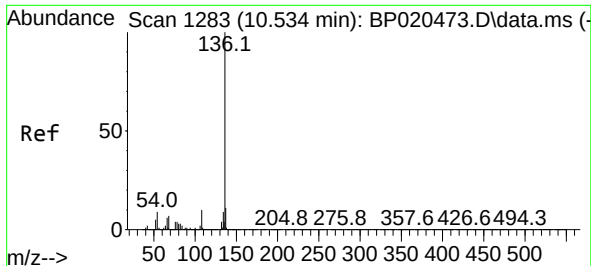
Tgt Ion: 70 Resp: 635562  
Ion Ratio Lower Upper  
70 100  
42 59.0 47.4 71.0  
101 10.1 7.8 11.8  
130 21.4 16.5 24.7



#20  
3+4-Methylphenols  
Concen: 37.317 ng  
RT: 8.516 min Scan# 940  
Delta R.T. -0.006 min  
Lab File: BP020490.D  
Acq: 03 Jun 2024 13:24

Tgt Ion: 107 Resp: 932791  
Ion Ratio Lower Upper  
107 100  
108 90.1 69.2 109.2  
77 32.9 13.5 53.5  
79 29.1 9.8 49.8

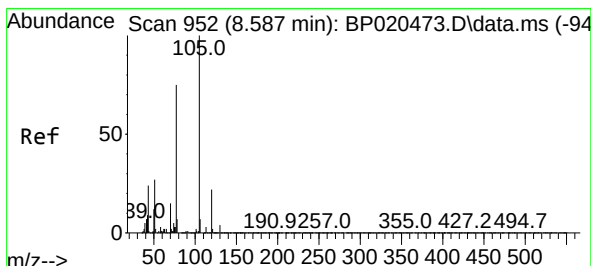
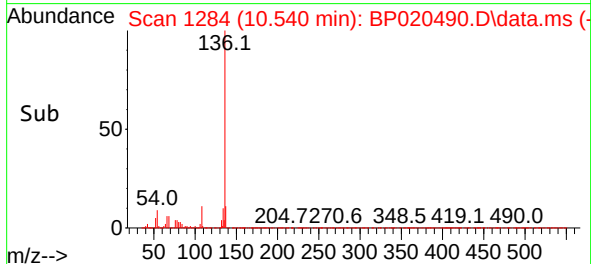
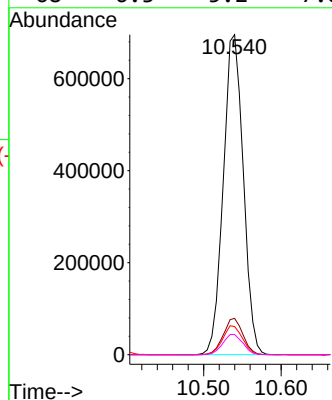
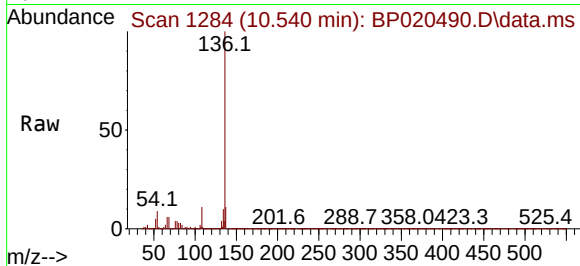




#21  
Naphthalene-d8  
Concen: 20.000 ng  
RT: 10.540 min Scan# 11  
Delta R.T. 0.006 min  
Lab File: BP020490.D  
Acq: 03 Jun 2024 13:24

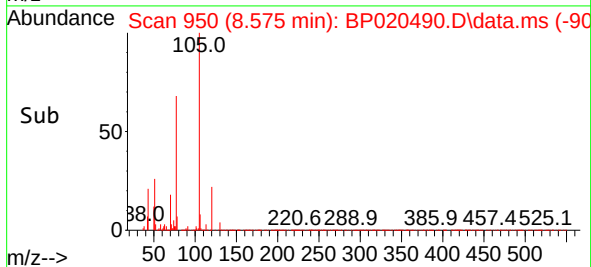
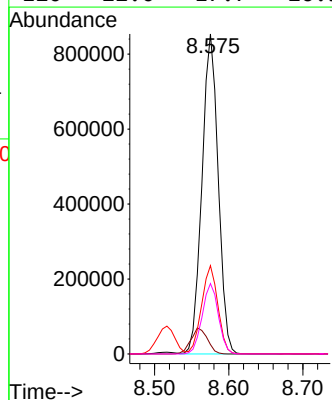
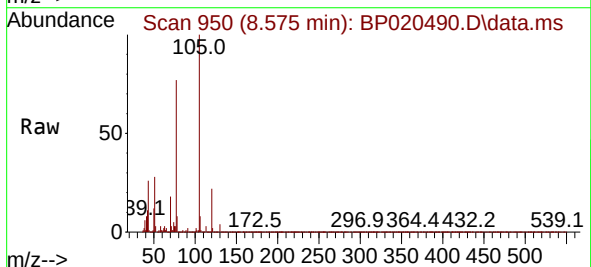
Instrument :  
BNA\_P  
ClientSampleId :  
PB161236BSD

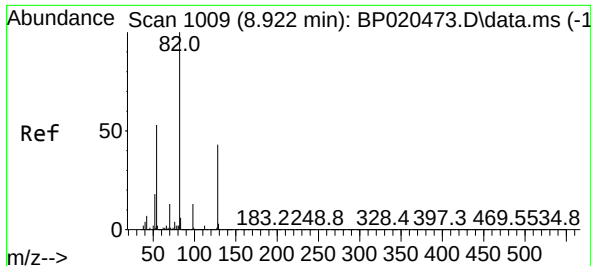
Tgt Ion:136 Resp: 1247629  
Ion Ratio Lower Upper  
136 100  
137 11.3 9.0 13.4  
54 8.8 7.4 11.0  
68 6.3 5.2 7.8



#22  
Acetophenone  
Concen: 42.008 ng  
RT: 8.575 min Scan# 950  
Delta R.T. -0.012 min  
Lab File: BP020490.D  
Acq: 03 Jun 2024 13:24

Tgt Ion:105 Resp: 1300939  
Ion Ratio Lower Upper  
105 100  
71 3.0 2.3 3.5  
51 27.6 22.6 33.8  
120 22.0 17.7 26.5

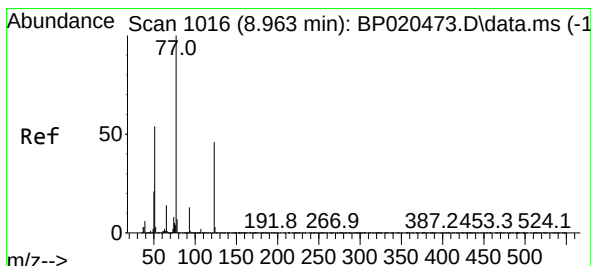
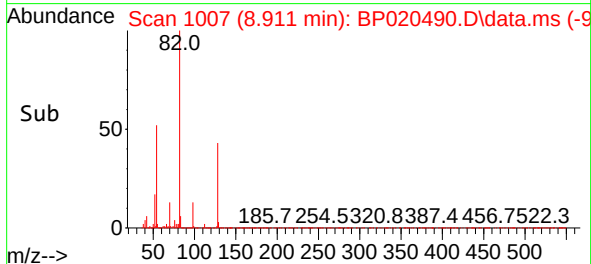
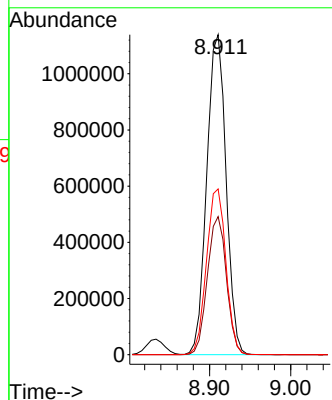
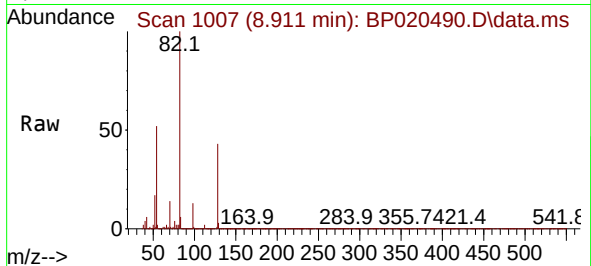




#23  
Nitrobenzene-d5  
Concen: 82.351 ng  
RT: 8.911 min Scan# 1007  
Delta R.T. -0.012 min  
Lab File: BP020490.D  
Acq: 03 Jun 2024 13:24

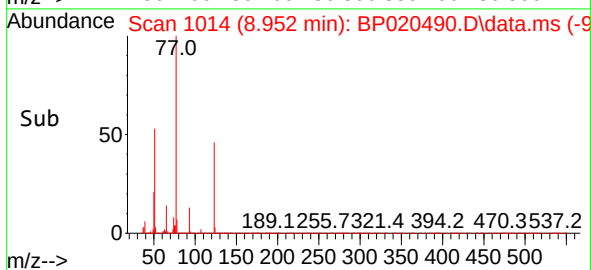
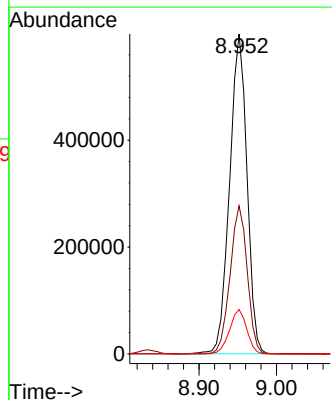
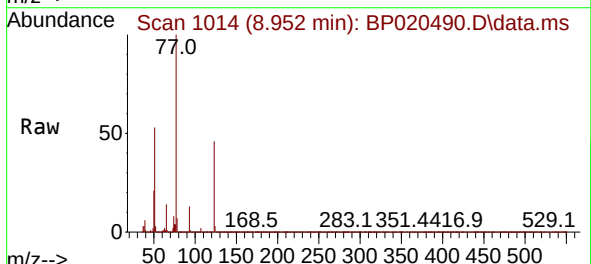
Instrument :  
BNA\_P  
ClientSampleId :  
PB161236BSD

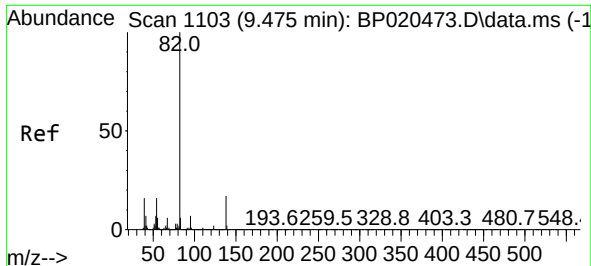
Tgt Ion: 82 Resp: 1876937  
Ion Ratio Lower Upper  
82 100  
128 43.1 34.2 51.4  
54 51.8 42.7 64.1



#24  
Nitrobenzene  
Concen: 40.403 ng  
RT: 8.952 min Scan# 1014  
Delta R.T. -0.012 min  
Lab File: BP020490.D  
Acq: 03 Jun 2024 13:24

Tgt Ion: 77 Resp: 934564  
Ion Ratio Lower Upper  
77 100  
123 46.3 36.6 54.8  
65 13.9 11.1 16.7

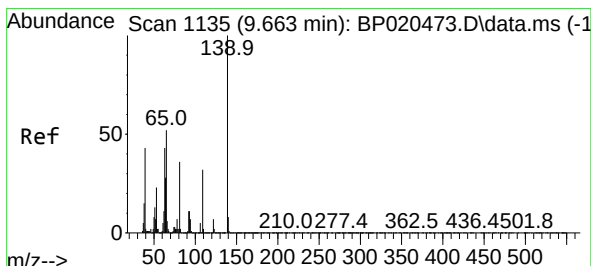
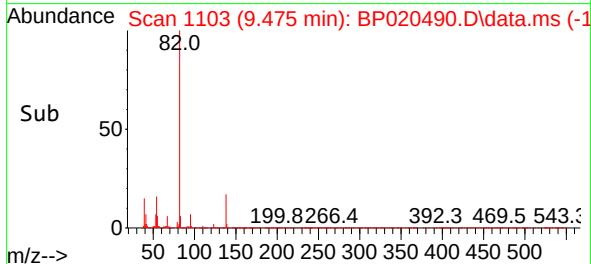
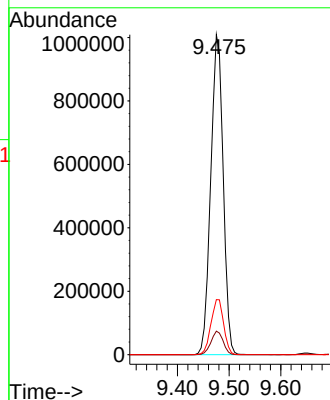
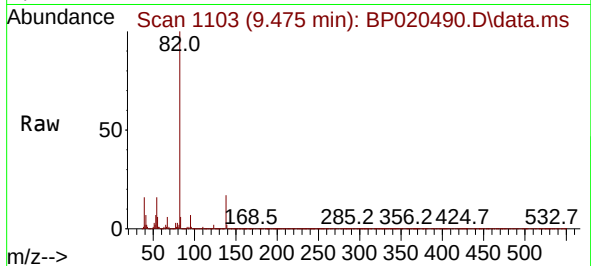




#25  
Isophorone  
Concen: 38.063 ng  
RT: 9.475 min Scan# 1103  
Delta R.T. 0.000 min  
Lab File: BP020490.D  
Acq: 03 Jun 2024 13:24

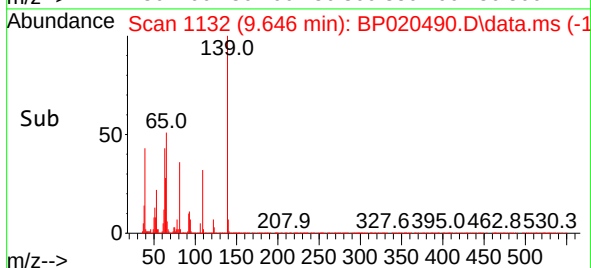
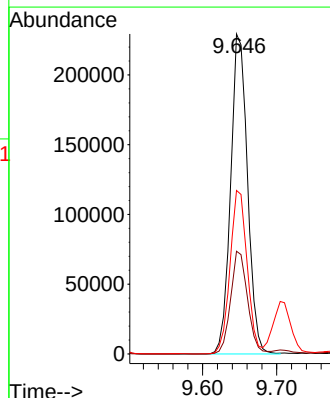
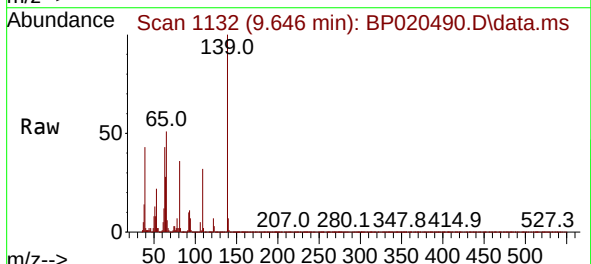
Instrument :  
BNA\_P  
ClientSampleId :  
PB161236BSD

Tgt Ion: 82 Resp: 1685557  
Ion Ratio Lower Upper  
82 100  
95 7.4 5.8 8.6  
138 17.2 13.8 20.6

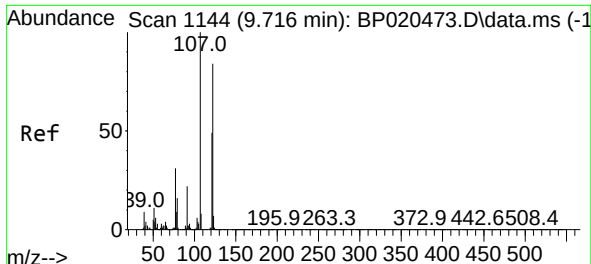


#26  
2-Nitrophenol  
Concen: 40.226 ng  
RT: 9.646 min Scan# 1132  
Delta R.T. -0.017 min  
Lab File: BP020490.D  
Acq: 03 Jun 2024 13:24

Tgt Ion: 139 Resp: 361981  
Ion Ratio Lower Upper  
139 100  
109 32.1 25.8 38.8  
65 51.1 41.8 62.8



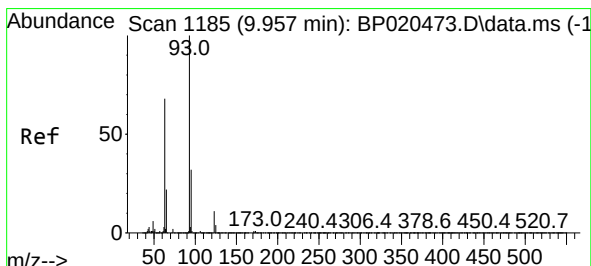
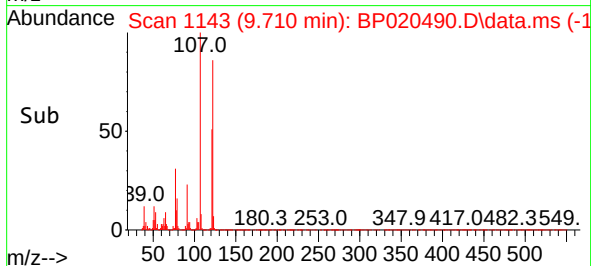
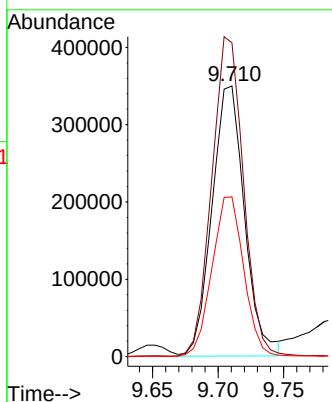
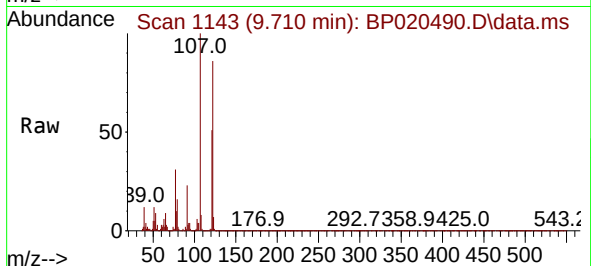




#27  
2,4-Dimethylphenol  
Concen: 45.024 ng  
RT: 9.710 min Scan# 1144  
Delta R.T. -0.006 min  
Lab File: BP020490.D  
Acq: 03 Jun 2024 13:24

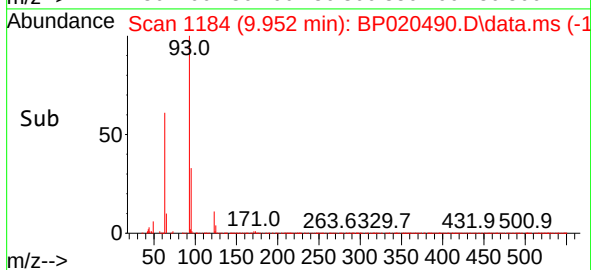
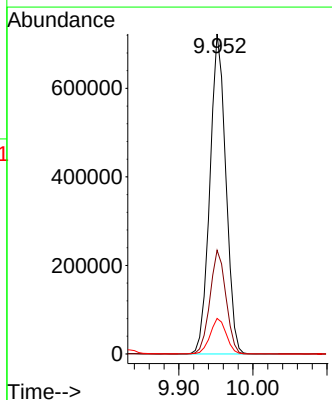
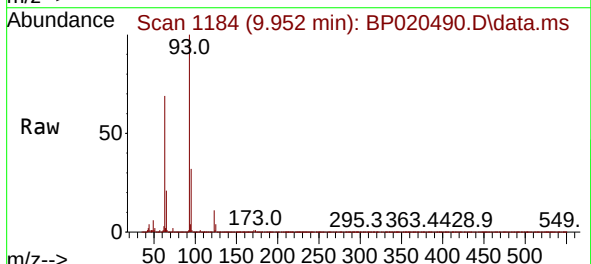
Instrument :  
BNA\_P  
ClientSampleId :  
PB161236BSD

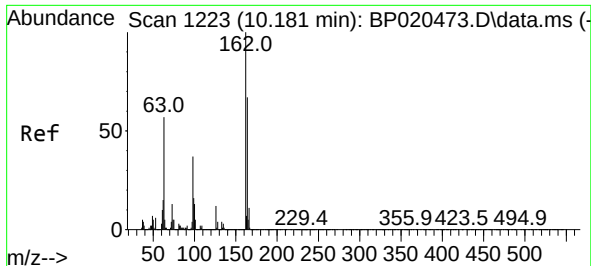
Tgt Ion:122 Resp: 602353  
Ion Ratio Lower Upper  
122 100  
107 116.0 95.0 142.4  
121 59.1 46.1 69.1



#28  
bis(2-Chloroethoxy)methane  
Concen: 39.635 ng  
RT: 9.952 min Scan# 1184  
Delta R.T. -0.006 min  
Lab File: BP020490.D  
Acq: 03 Jun 2024 13:24

Tgt Ion: 93 Resp: 1078799  
Ion Ratio Lower Upper  
93 100  
95 32.4 25.8 38.8  
123 11.1 9.0 13.4





#29

2,4-Dichlorophenol

Concen: 42.294 ng

RT: 10.181 min Scan# 1223

Delta R.T. 0.000 min

Lab File: BP020490.D

Acq: 03 Jun 2024 13:24

Instrument :

BNA\_P

ClientSampleId :

PB161236BSD

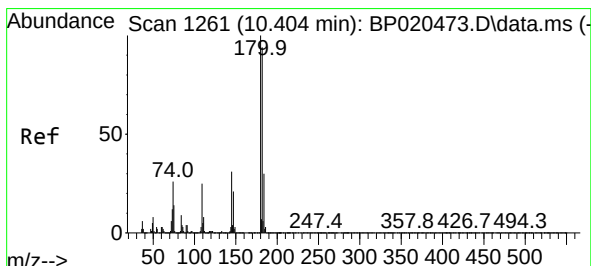
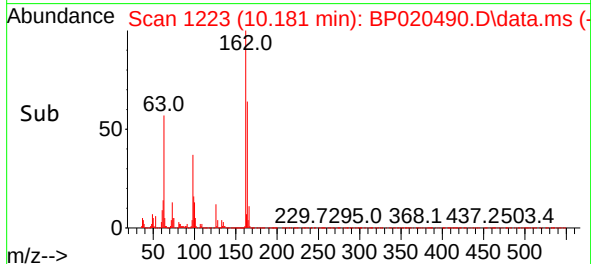
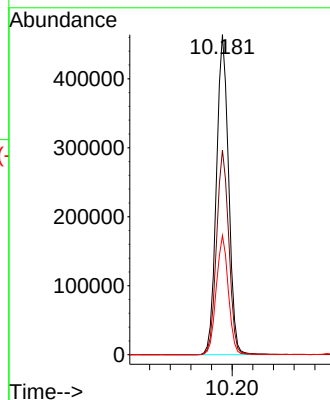
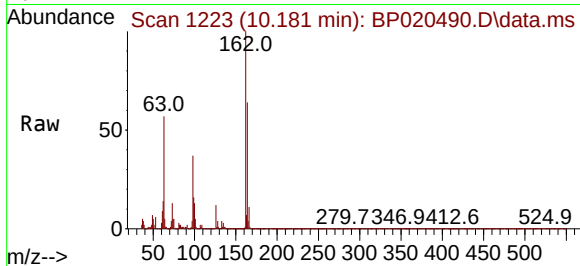
Tgt Ion:162 Resp: 759095

Ion Ratio Lower Upper

162 100

164 64.0 46.5 86.5

98 37.3 17.4 57.4



#30

1,2,4-Trichlorobenzene

Concen: 42.414 ng

RT: 10.393 min Scan# 1259

Delta R.T. -0.012 min

Lab File: BP020490.D

Acq: 03 Jun 2024 13:24

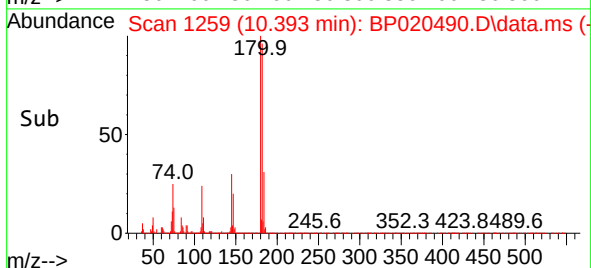
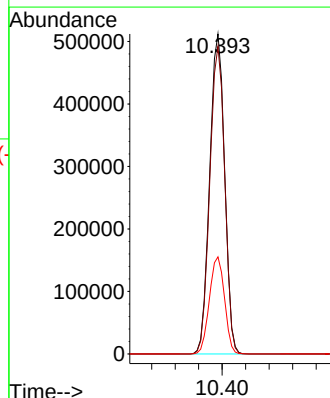
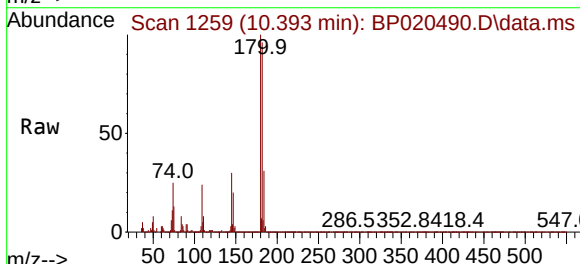
Tgt Ion:180 Resp: 903743

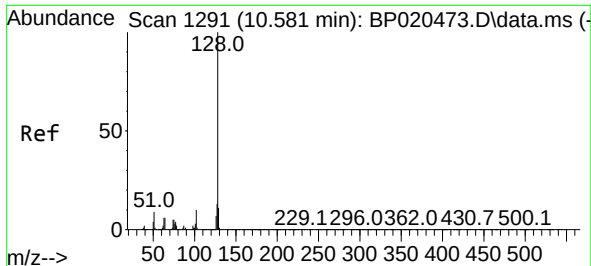
Ion Ratio Lower Upper

180 100

182 96.1 75.2 112.8

145 30.4 24.9 37.3

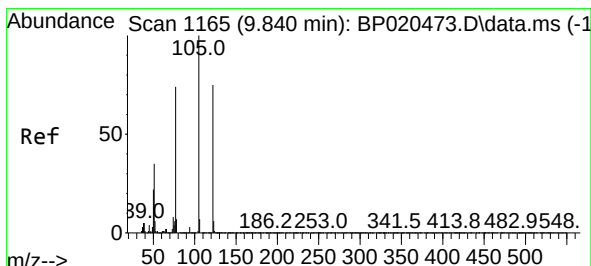
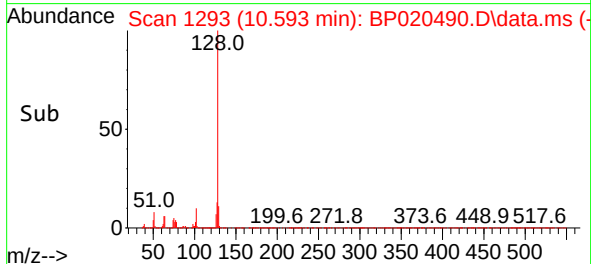
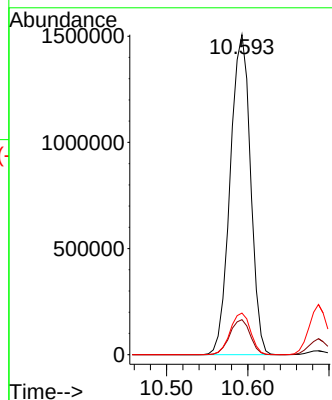
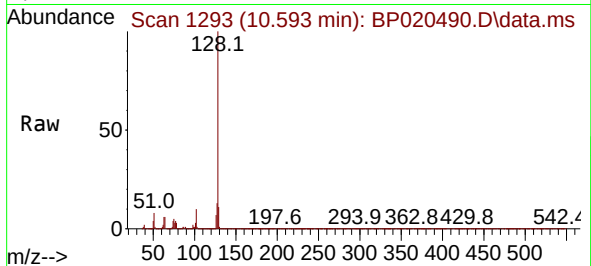




#31  
Naphthalene  
Concen: 40.954 ng  
RT: 10.593 min Scan# 111  
Delta R.T. 0.012 min  
Lab File: BP020490.D  
Acq: 03 Jun 2024 13:24

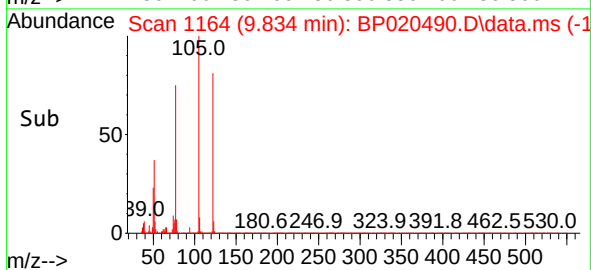
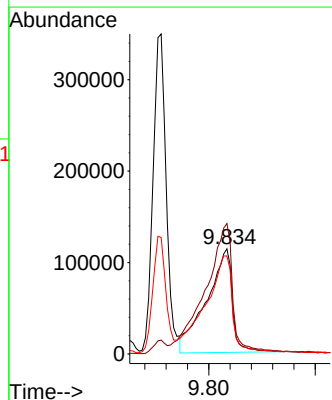
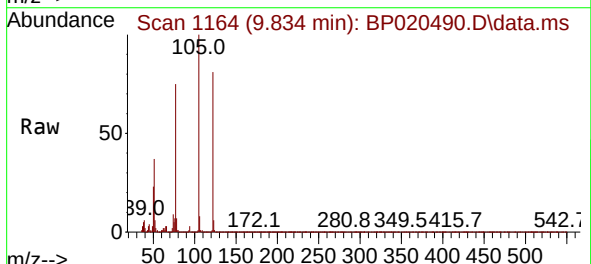
Instrument :  
BNA\_P  
ClientSampleId :  
PB161236BSD

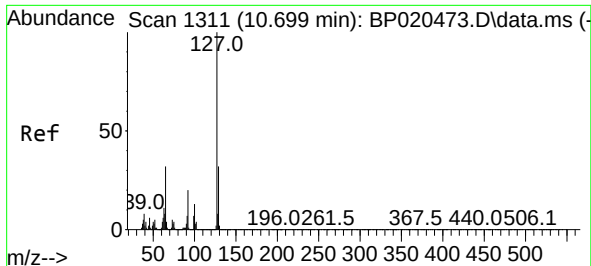
Tgt Ion:128 Resp: 2612096  
Ion Ratio Lower Upper  
128 100  
129 11.0 8.9 13.3  
127 13.0 10.5 15.7



#32  
Benzoic acid  
Concen: 32.572 ng  
RT: 9.834 min Scan# 1164  
Delta R.T. -0.006 min  
Lab File: BP020490.D  
Acq: 03 Jun 2024 13:24

Tgt Ion:122 Resp: 381358  
Ion Ratio Lower Upper  
122 100  
105 124.1 107.5 147.5  
77 93.3 76.1 116.1

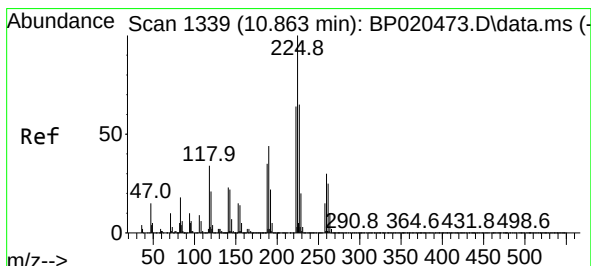
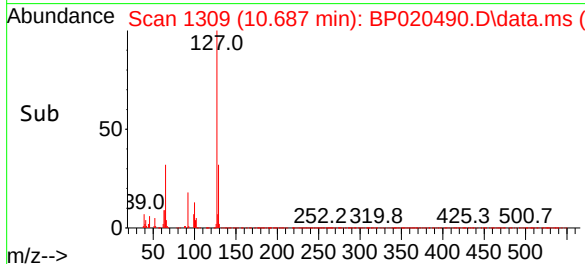
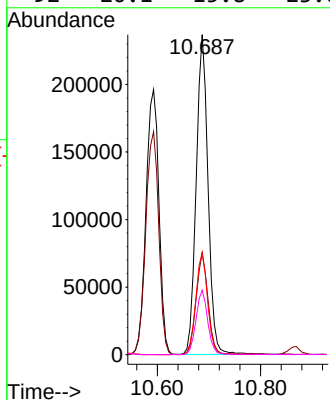
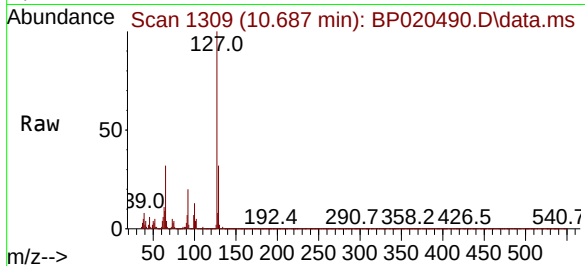




#33  
4-Chloroaniline  
Concen: 15.293 ng  
RT: 10.687 min Scan# 11  
Delta R.T. -0.012 min  
Lab File: BP020490.D  
Acq: 03 Jun 2024 13:24

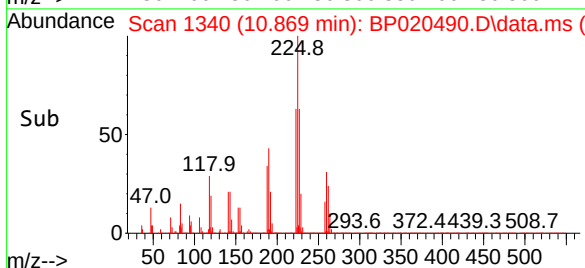
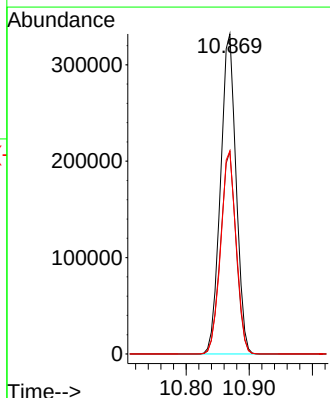
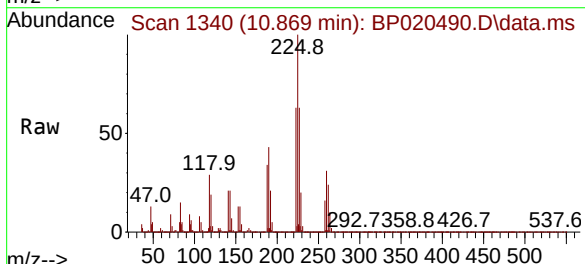
Instrument :  
BNA\_P  
ClientSampleId :  
PB161236BSD

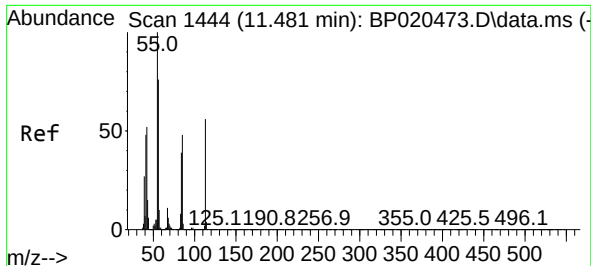
|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 127   | Resp: | 377322 |
| Ion      | Ratio | Lower | Upper  |
| 127      | 100   |       |        |
| 129      | 31.9  | 26.0  | 39.0   |
| 65       | 31.8  | 25.4  | 38.2   |
| 92       | 20.1  | 15.8  | 23.6   |



#34  
Hexachlorobutadiene  
Concen: 42.295 ng  
RT: 10.869 min Scan# 1340  
Delta R.T. 0.006 min  
Lab File: BP020490.D  
Acq: 03 Jun 2024 13:24

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 225   | Resp: | 567691 |
| Ion      | Ratio | Lower | Upper  |
| 225      | 100   |       |        |
| 223      | 63.3  | 51.3  | 76.9   |
| 227      | 63.4  | 51.6  | 77.4   |

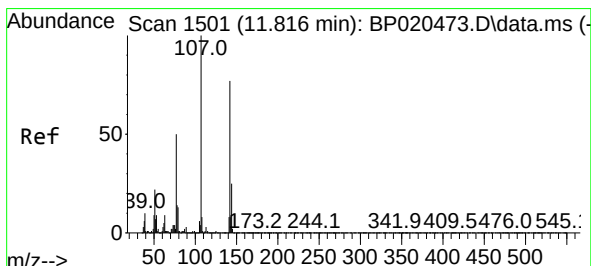
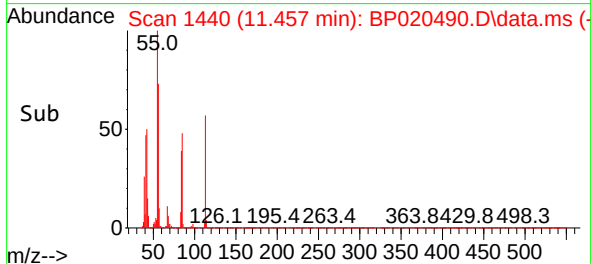
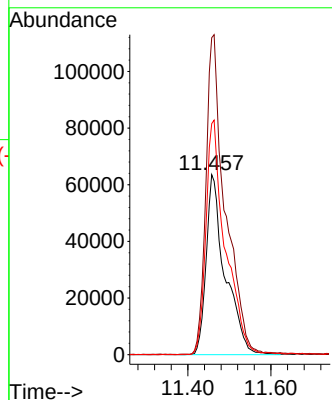
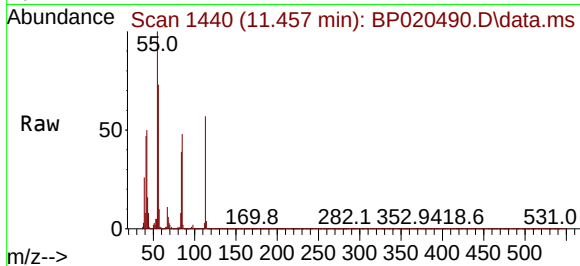




#35  
Caprolactam  
Concen: 30.709 ng  
RT: 11.457 min Scan# 1444  
Delta R.T. -0.023 min  
Lab File: BP020490.D  
Acq: 03 Jun 2024 13:24

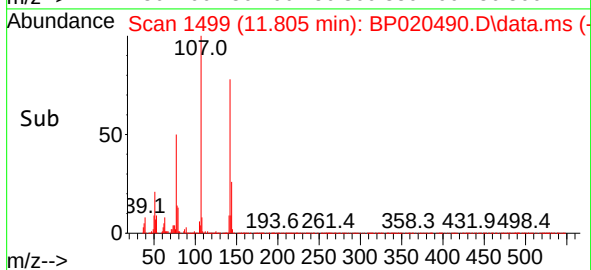
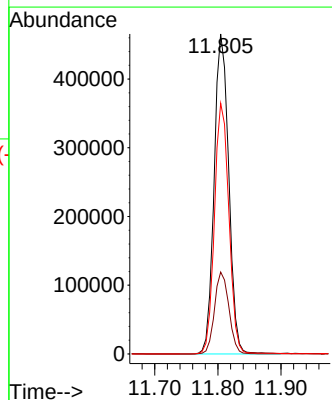
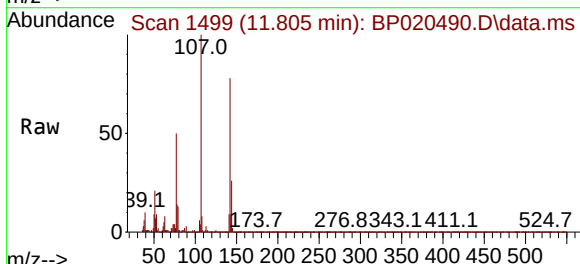
Instrument :  
BNA\_P  
ClientSampleId :  
PB161236BSD

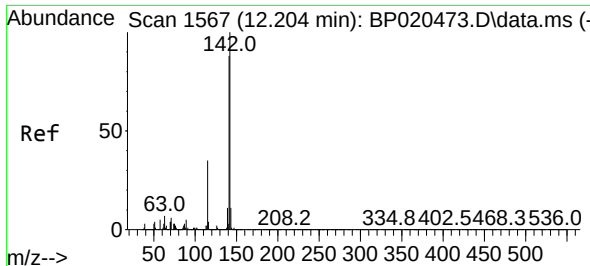
| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 113     | 100   |       |       |
| 55      | 176.0 | 158.7 | 198.7 |
| 56      | 128.4 | 115.4 | 155.4 |



#36  
4-Chloro-3-methylphenol  
Concen: 35.529 ng  
RT: 11.805 min Scan# 1499  
Delta R.T. -0.012 min  
Lab File: BP020490.D  
Acq: 03 Jun 2024 13:24

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 107     | 100   |       |       |
| 144     | 25.6  | 20.0  | 30.0  |
| 142     | 78.3  | 61.4  | 92.2  |

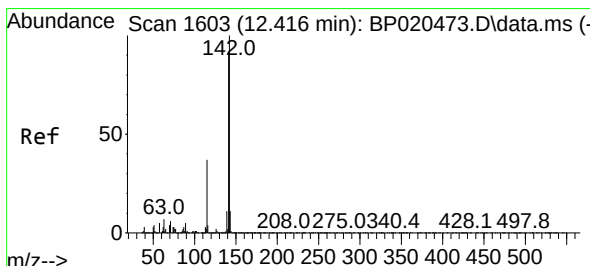
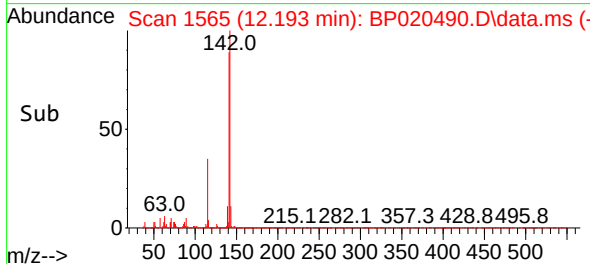
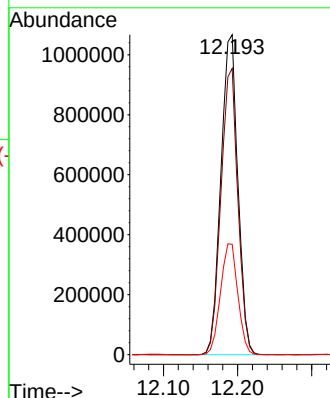
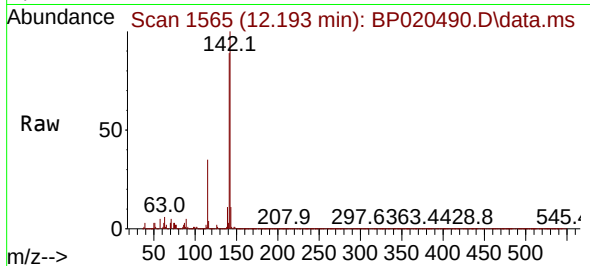




#37  
2-Methylnaphthalene  
Concen: 37.192 ng  
RT: 12.193 min Scan# 1565  
Delta R.T. -0.012 min  
Lab File: BP020490.D  
Acq: 03 Jun 2024 13:24

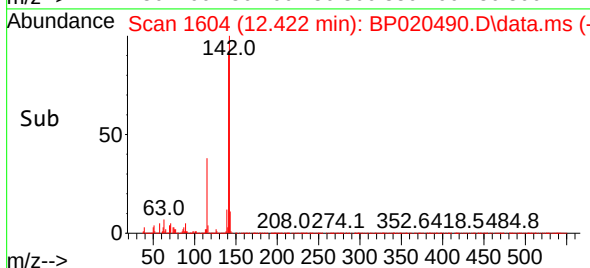
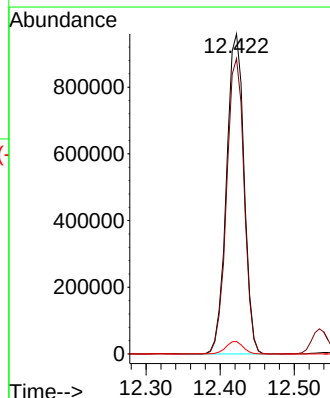
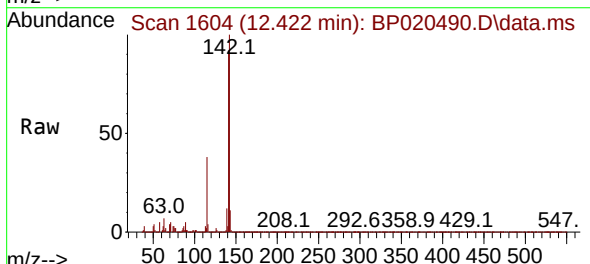
Instrument :  
BNA\_P  
ClientSampleId :  
PB161236BSD

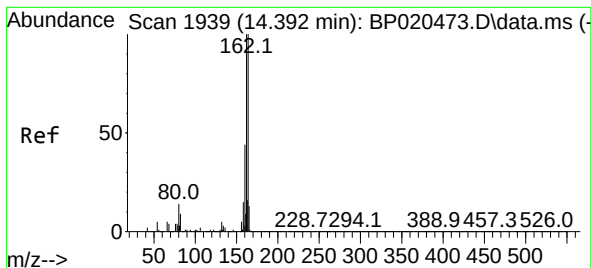
Tgt Ion:142 Resp: 1699774  
Ion Ratio Lower Upper  
142 100  
141 89.4 70.3 105.5  
115 34.5 28.0 42.0



#38  
1-Methylnaphthalene  
Concen: 34.844 ng  
RT: 12.422 min Scan# 1604  
Delta R.T. 0.006 min  
Lab File: BP020490.D  
Acq: 03 Jun 2024 13:24

Tgt Ion:142 Resp: 1578590  
Ion Ratio Lower Upper  
142 100  
141 92.3 73.7 110.5  
116 3.9 3.2 4.8





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.387 min Scan# 1939

Delta R.T. -0.005 min

Lab File: BP020490.D

Acq: 03 Jun 2024 13:24

Instrument :

BNA\_P

ClientSampleId :

PB161236BSD

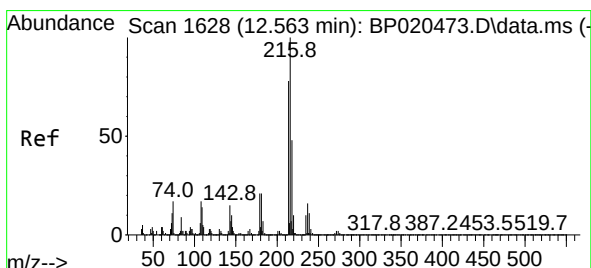
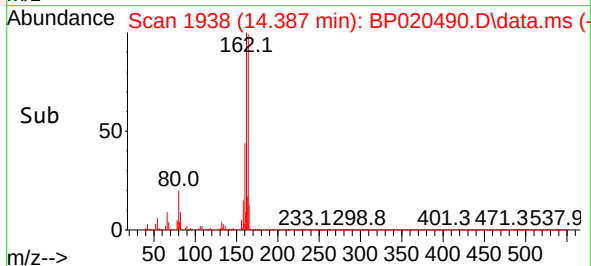
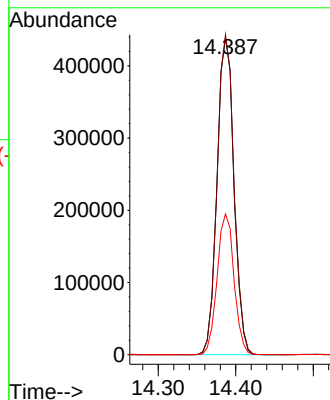
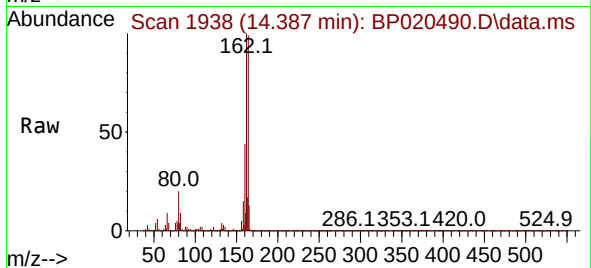
Tgt Ion:164 Resp: 663703

Ion Ratio Lower Upper

164 100

162 101.1 80.3 120.5

160 44.5 35.4 53.2



#40

1,2,4,5-Tetrachlorobenzene

Concen: 48.582 ng

RT: 12.552 min Scan# 1626

Delta R.T. -0.012 min

Lab File: BP020490.D

Acq: 03 Jun 2024 13:24

Tgt Ion:216 Resp: 932918

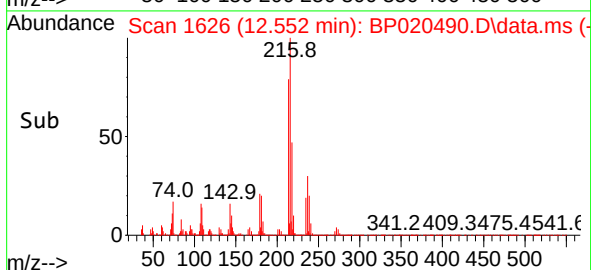
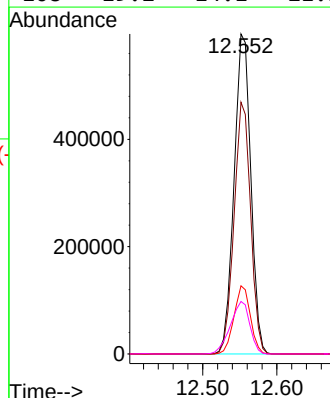
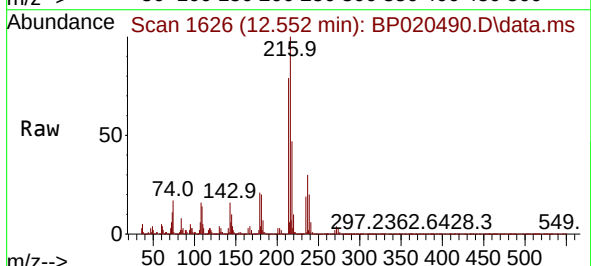
Ion Ratio Lower Upper

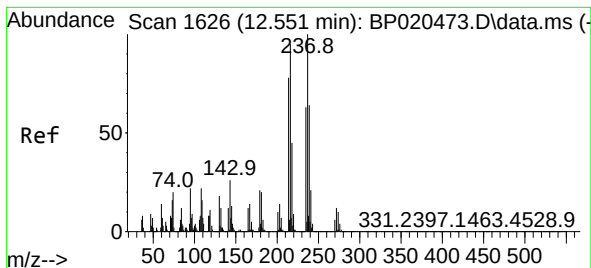
216 100

214 77.9 63.0 94.4

179 20.9 16.9 25.3

108 19.2 14.1 21.1





#41

Hexachlorocyclopentadiene

Concen: 139.341 ng

RT: 12.534 min Scan# 1

Delta R.T. -0.018 min

Lab File: BP020490.D

Acq: 03 Jun 2024 13:24

Instrument :

BNA\_P

ClientSampleId :

PB161236BSD

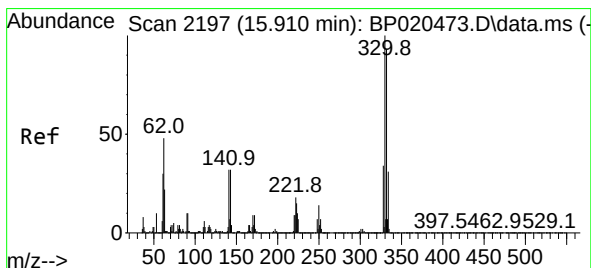
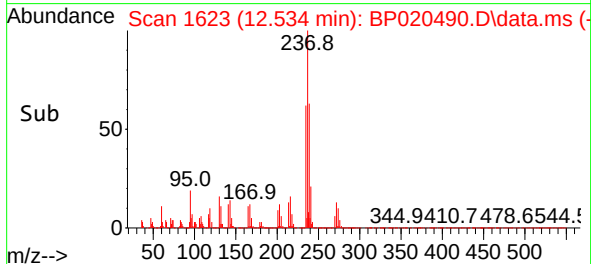
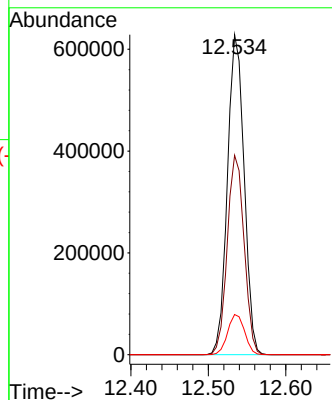
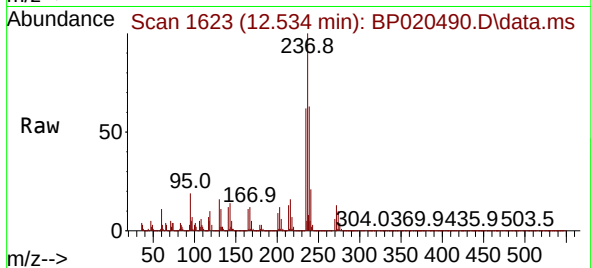
Tgt Ion:237 Resp: 940392

Ion Ratio Lower Upper

237 100

235 62.3 43.1 83.1

272 12.6 0.0 32.4



#42

2,4,6-Tribromophenol

Concen: 114.204 ng

RT: 15.898 min Scan# 2195

Delta R.T. -0.012 min

Lab File: BP020490.D

Acq: 03 Jun 2024 13:24

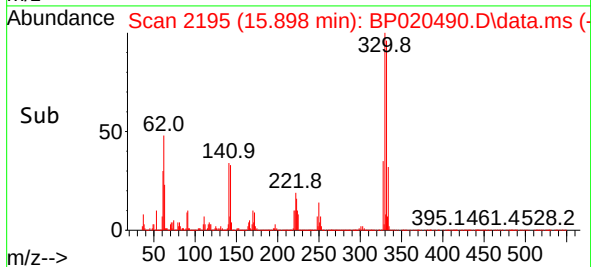
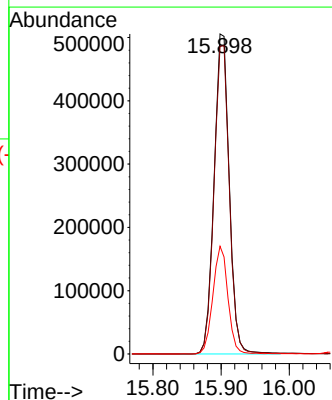
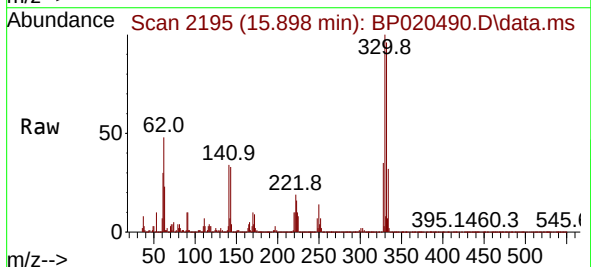
Tgt Ion:330 Resp: 786632

Ion Ratio Lower Upper

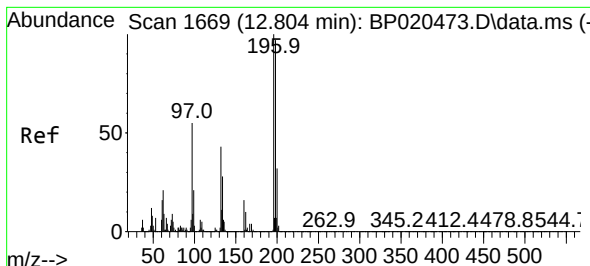
330 100

332 96.9 76.6 114.8

141 33.2 27.1 40.7







#43

2,4,6-Trichlorophenol

Concen: 46.112 ng

RT: 12.799 min Scan# 1668

Delta R.T. -0.006 min

Lab File: BP020490.D

Acq: 03 Jun 2024 13:24

Instrument :

BNA\_P

ClientSampleId :

PB161236BSD

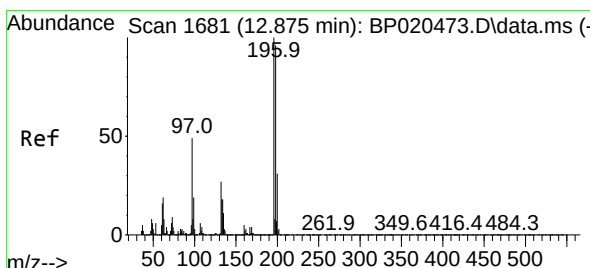
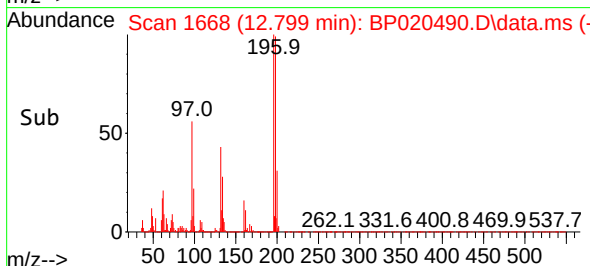
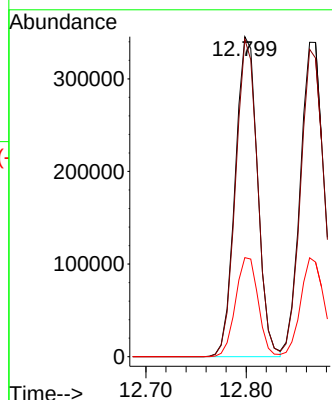
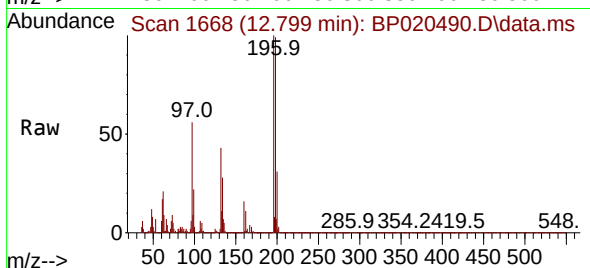
Tgt Ion:196 Resp: 535261

Ion Ratio Lower Upper

196 100

198 99.1 77.9 116.9

200 30.9 25.5 38.3



#44

2,4,5-Trichlorophenol

Concen: 41.854 ng

RT: 12.863 min Scan# 1679

Delta R.T. -0.012 min

Lab File: BP020490.D

Acq: 03 Jun 2024 13:24

Tgt Ion:196 Resp: 560488

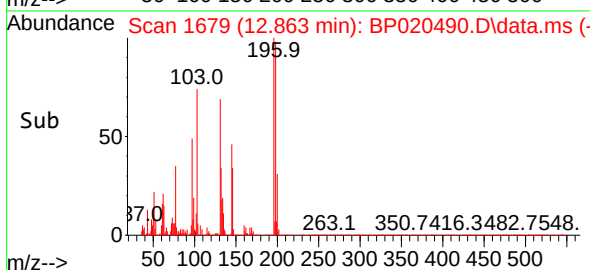
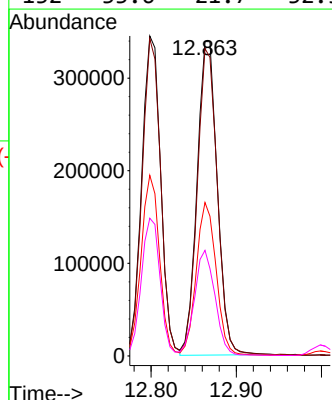
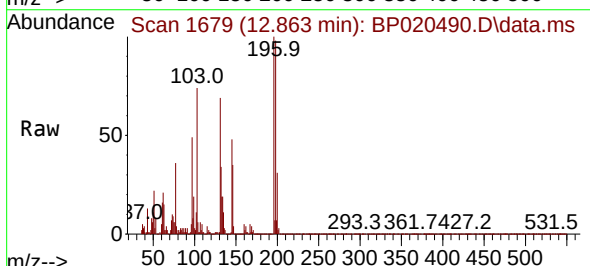
Ion Ratio Lower Upper

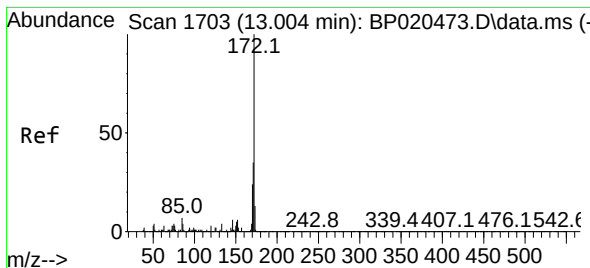
196 100

198 97.7 77.0 115.4

97 48.8 38.9 58.3

132 33.6 21.7 32.5#





#45

2-Fluorobiphenyl

Concen: 86.598 ng

RT: 12.999 min Scan# 1702

Delta R.T. -0.006 min

Lab File: BP020490.D

Acq: 03 Jun 2024 13:24

Instrument :

BNA\_P

ClientSampleId :

PB161236BSD

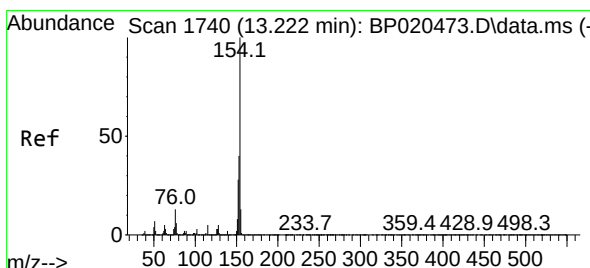
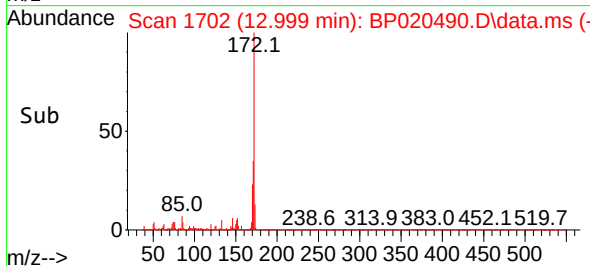
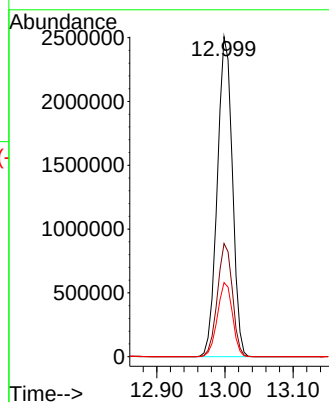
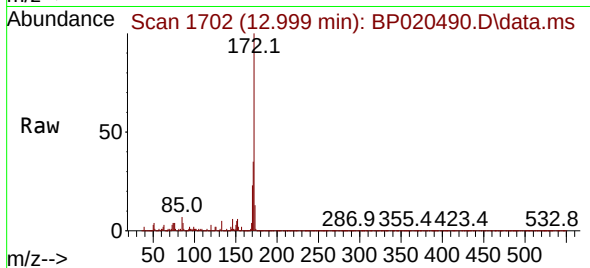
Tgt Ion:172 Resp: 3855507

Ion Ratio Lower Upper

172 100

171 35.3 28.4 42.6

170 23.2 18.9 28.3



#46

1,1'-Biphenyl

Concen: 44.709 ng

RT: 13.210 min Scan# 1738

Delta R.T. -0.012 min

Lab File: BP020490.D

Acq: 03 Jun 2024 13:24

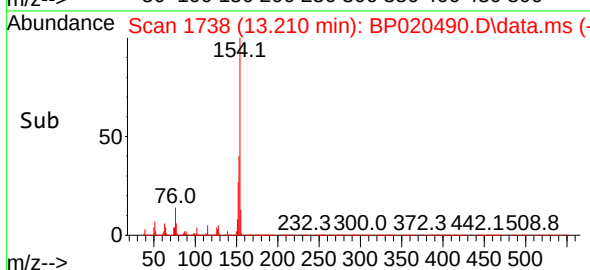
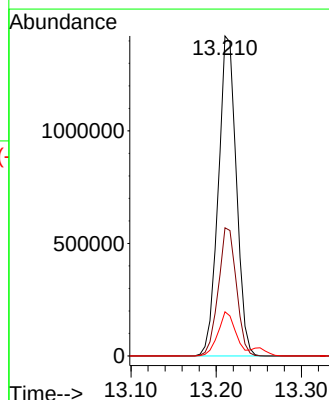
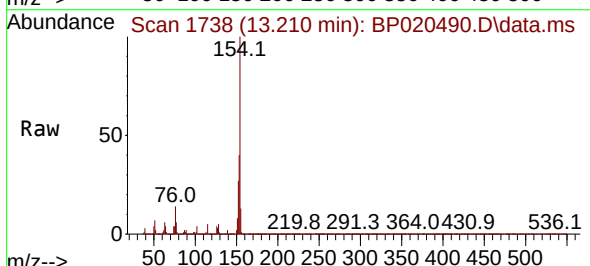
Tgt Ion:154 Resp: 2094145

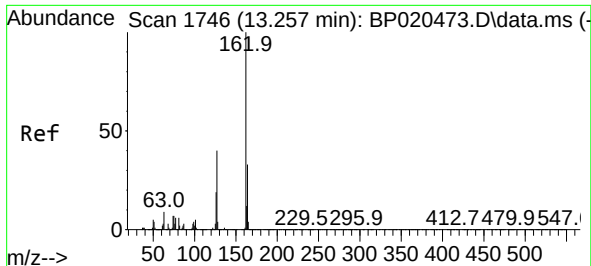
Ion Ratio Lower Upper

154 100

153 40.1 19.9 59.9

76 13.8 0.0 33.2

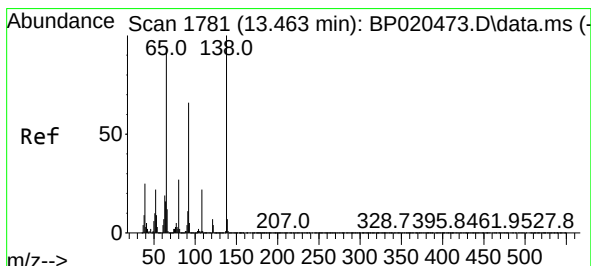
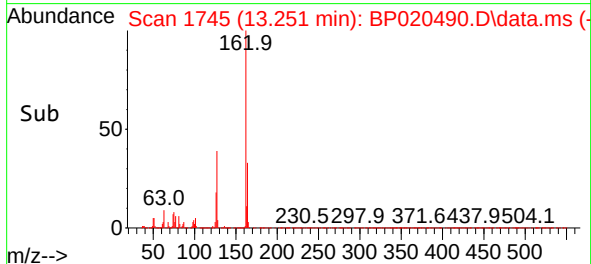
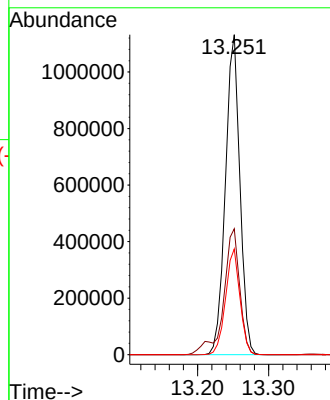
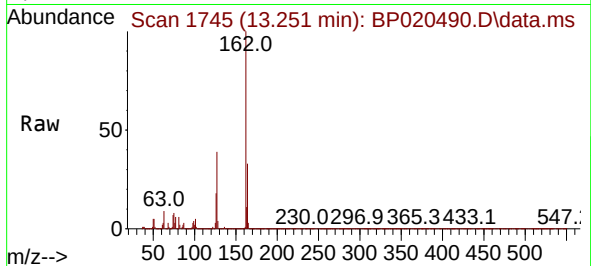




#47  
2-Chloronaphthalene  
Concen: 42.864 ng  
RT: 13.251 min Scan# 11  
Delta R.T. -0.006 min  
Lab File: BP020490.D  
Acq: 03 Jun 2024 13:24

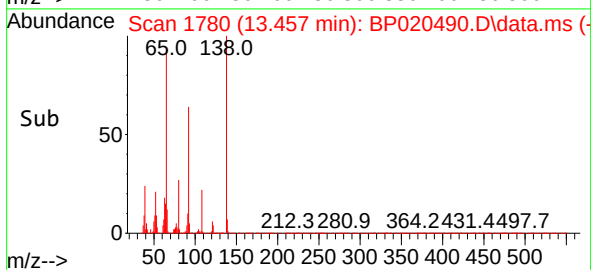
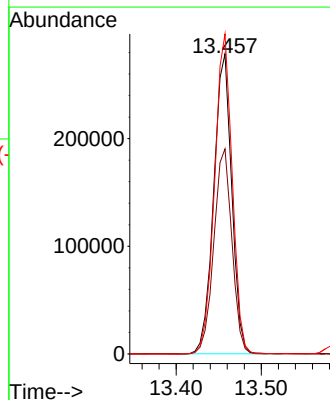
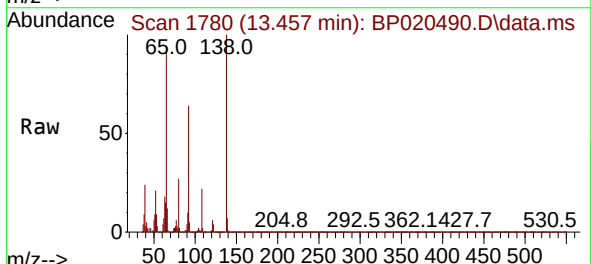
Instrument :  
BNA\_P  
ClientSampleId :  
PB161236BSD

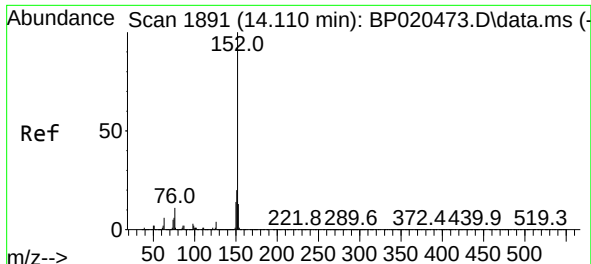
Tgt Ion:162 Resp: 1596079  
Ion Ratio Lower Upper  
162 100  
127 39.4 32.2 48.2  
164 33.1 26.1 39.1



#48  
2-Nitroaniline  
Concen: 40.602 ng  
RT: 13.457 min Scan# 1780  
Delta R.T. -0.006 min  
Lab File: BP020490.D  
Acq: 03 Jun 2024 13:24

Tgt Ion: 65 Resp: 409667  
Ion Ratio Lower Upper  
65 100  
92 68.3 55.8 83.8  
138 106.6 85.2 127.8

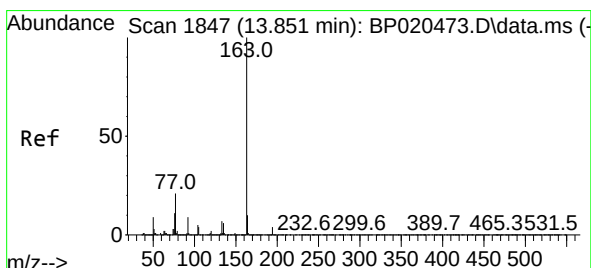
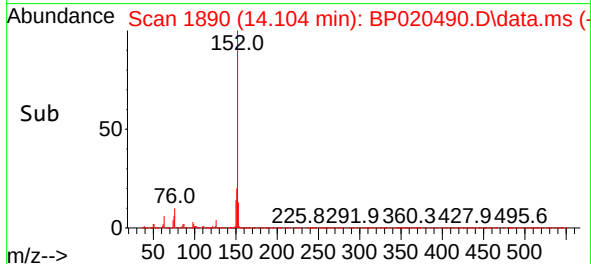
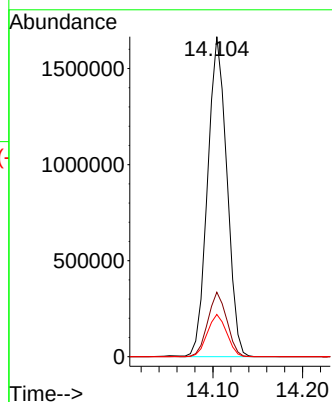
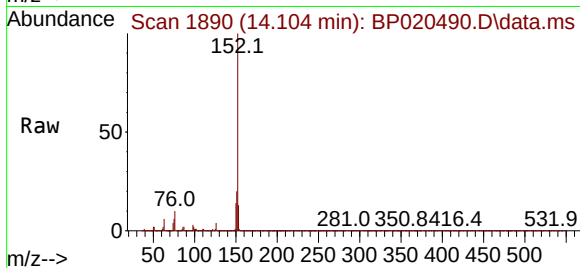




#49  
Acenaphthylene  
Concen: 44.975 ng  
RT: 14.104 min Scan# 1890  
Delta R.T. -0.006 min  
Lab File: BP020490.D  
Acq: 03 Jun 2024 13:24

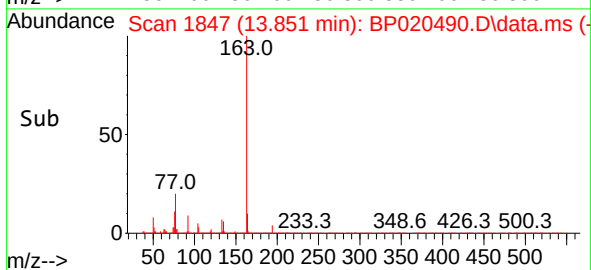
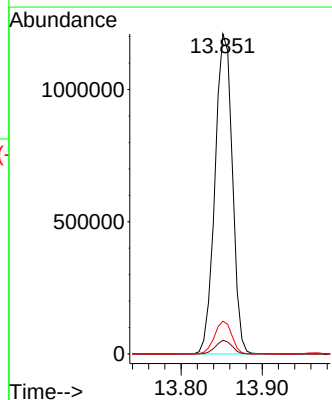
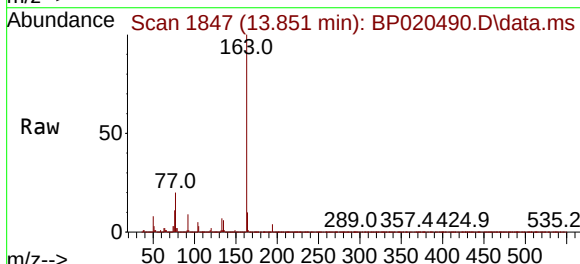
Instrument :  
BNA\_P  
ClientSampleId :  
PB161236BSD

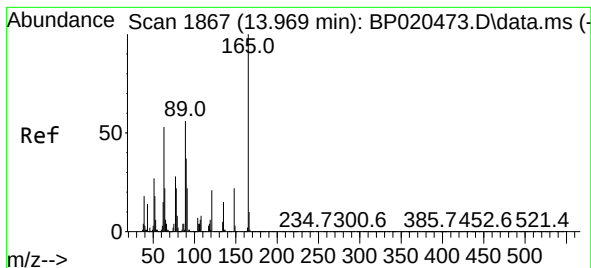
Tgt Ion:152 Resp: 2484971  
Ion Ratio Lower Upper  
152 100  
151 20.2 15.9 23.9  
153 13.2 10.6 15.8



#50  
Dimethylphthalate  
Concen: 38.474 ng  
RT: 13.851 min Scan# 1847  
Delta R.T. 0.000 min  
Lab File: BP020490.D  
Acq: 03 Jun 2024 13:24

Tgt Ion:163 Resp: 1799961  
Ion Ratio Lower Upper  
163 100  
194 4.3 3.3 4.9  
164 10.2 8.3 12.5

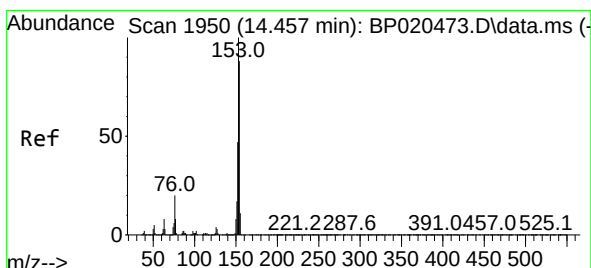
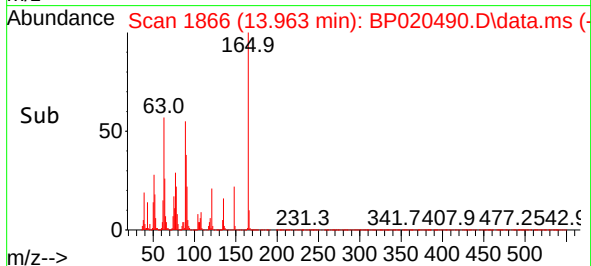
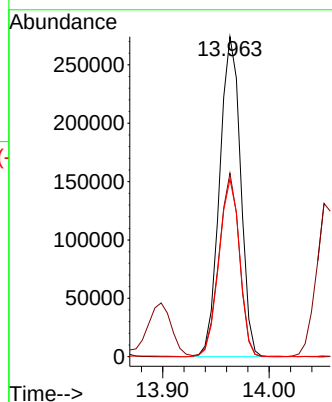
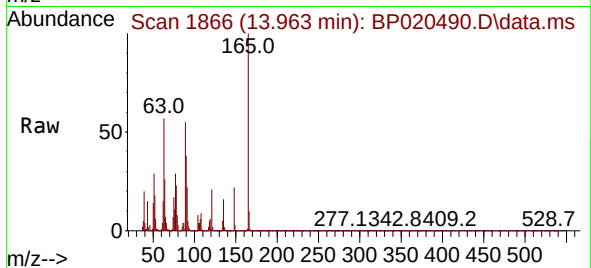




#51  
2,6-Dinitrotoluene  
Concen: 37.372 ng  
RT: 13.963 min Scan# 1866  
Delta R.T. -0.006 min  
Lab File: BP020490.D  
Acq: 03 Jun 2024 13:24

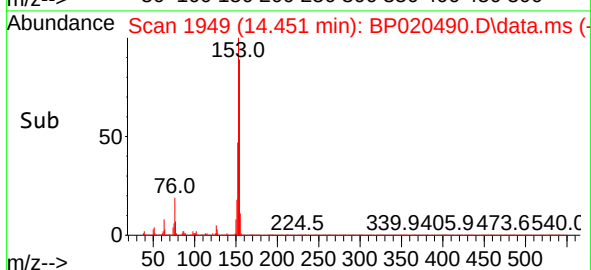
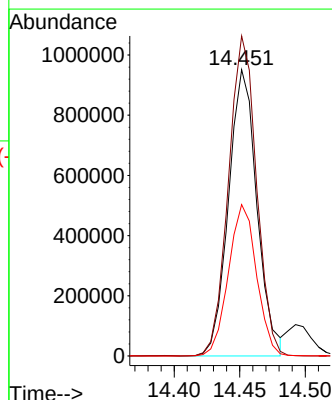
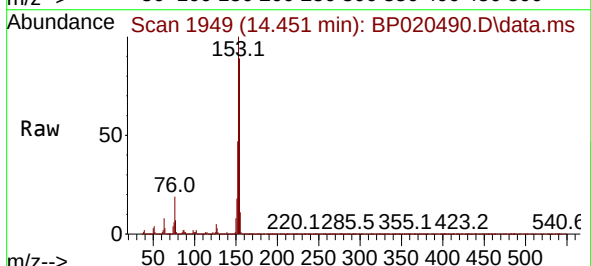
Instrument :  
BNA\_P  
ClientSampleId :  
PB161236BSD

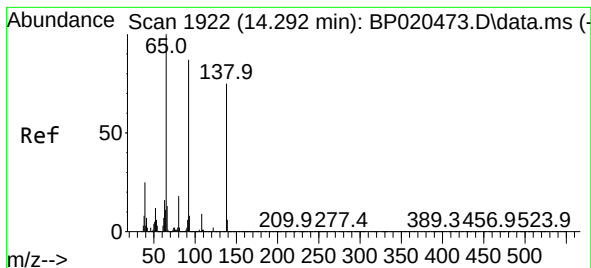
Tgt Ion:165 Resp: 373711  
Ion Ratio Lower Upper  
165 100  
63 57.3 45.6 68.4  
89 55.4 44.9 67.3



#52  
Acenaphthene  
Concen: 41.144 ng  
RT: 14.451 min Scan# 1949  
Delta R.T. -0.006 min  
Lab File: BP020490.D  
Acq: 03 Jun 2024 13:24

Tgt Ion:154 Resp: 1433967  
Ion Ratio Lower Upper  
154 100  
153 111.8 90.6 136.0  
152 52.9 42.6 63.8

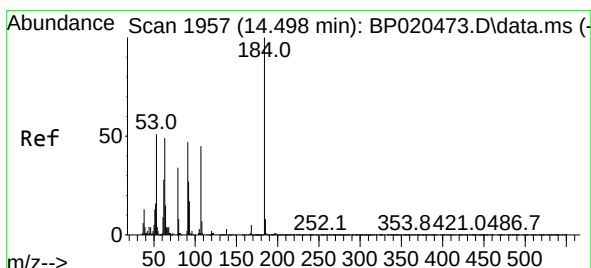
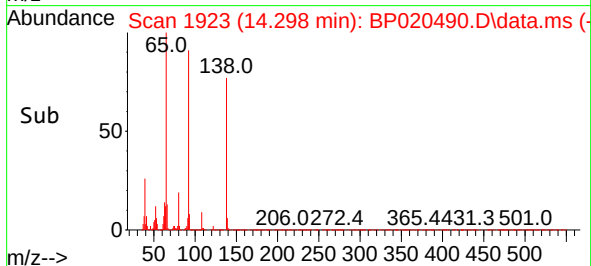
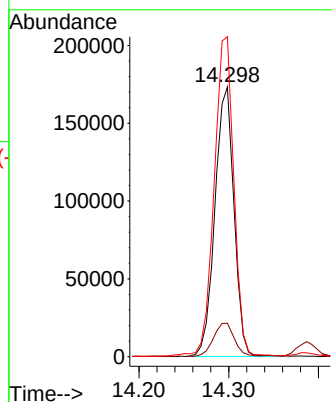
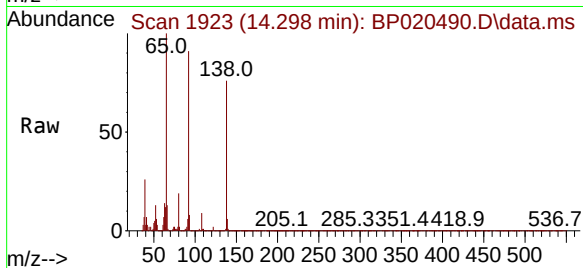




#53  
3-Nitroaniline  
Concen: 25.515 ng  
RT: 14.298 min Scan# 1922  
Delta R.T. 0.006 min  
Lab File: BP020490.D  
Acq: 03 Jun 2024 13:24

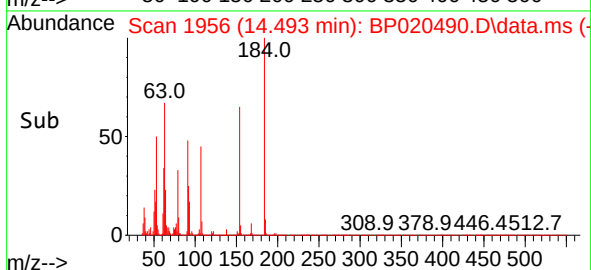
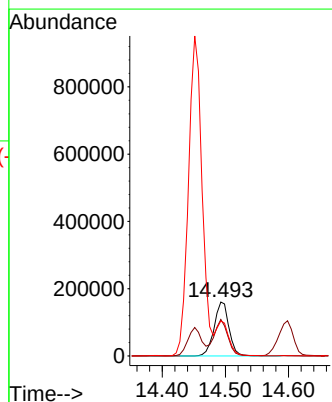
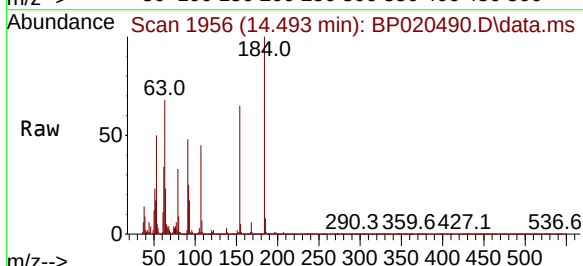
Instrument :  
BNA\_P  
ClientSampleId :  
PB161236BSD

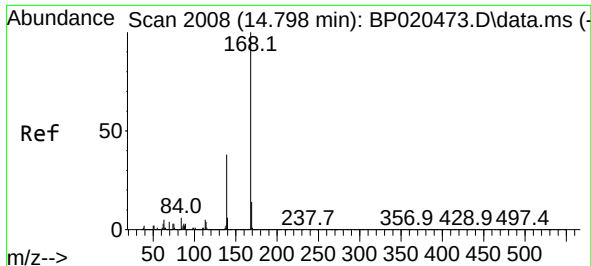
Tgt Ion:138 Resp: 255933  
Ion Ratio Lower Upper  
138 100  
108 12.4 9.8 14.6  
92 118.6 93.5 140.3



#54  
2,4-Dinitrophenol  
Concen: 63.185 ng  
RT: 14.493 min Scan# 1956  
Delta R.T. -0.005 min  
Lab File: BP020490.D  
Acq: 03 Jun 2024 13:24

Tgt Ion:184 Resp: 261717  
Ion Ratio Lower Upper  
184 100  
63 67.6 54.2 81.4  
154 64.8 51.0 76.6

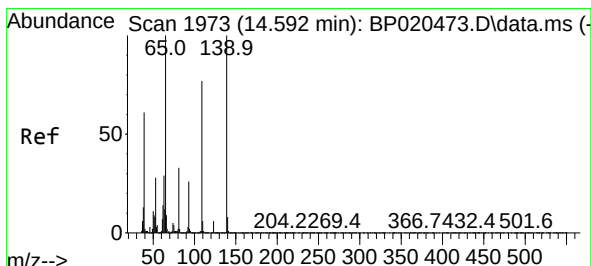
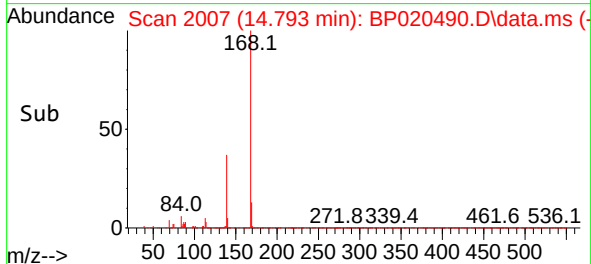
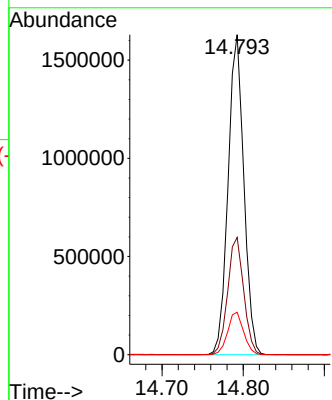
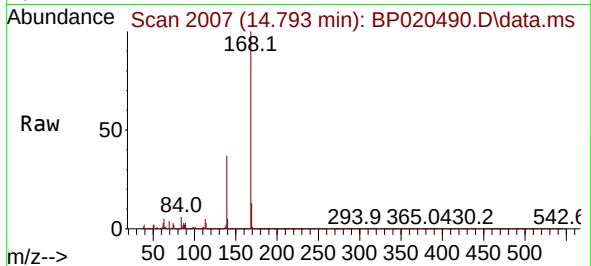




#55  
Dibenzenofuran  
Concen: 39.795 ng  
RT: 14.793 min Scan# 2007  
Delta R.T. -0.006 min  
Lab File: BP020490.D  
Acq: 03 Jun 2024 13:24

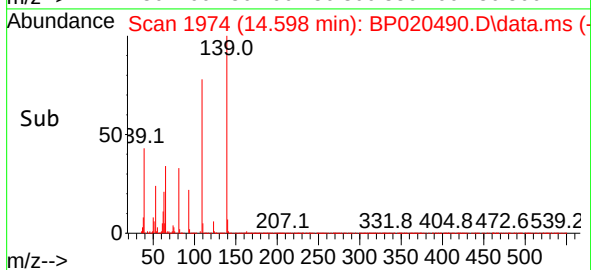
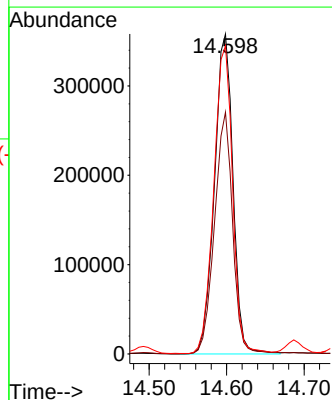
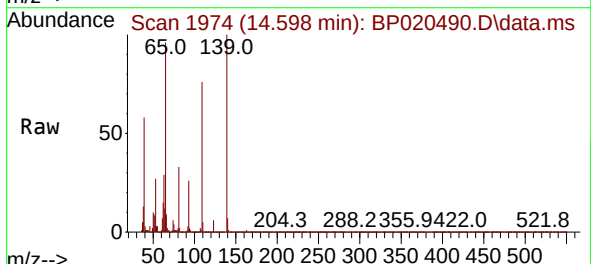
Instrument :  
BNA\_P  
ClientSampleId :  
PB161236BSD

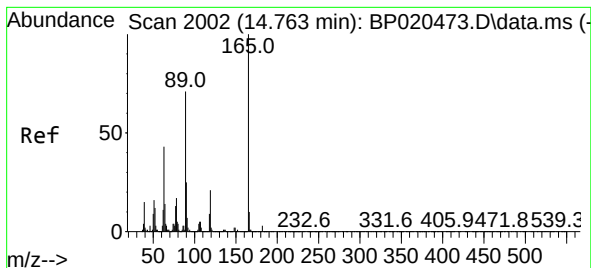
Tgt Ion:168 Resp: 2197116  
Ion Ratio Lower Upper  
168 100  
139 36.7 30.4 45.6  
169 13.3 11.0 16.4



#56  
4-Nitrophenol  
Concen: 76.701 ng  
RT: 14.598 min Scan# 1974  
Delta R.T. 0.006 min  
Lab File: BP020490.D  
Acq: 03 Jun 2024 13:24

Tgt Ion:139 Resp: 595130  
Ion Ratio Lower Upper  
139 100  
109 75.5 57.4 97.4  
65 96.3 80.4 120.4

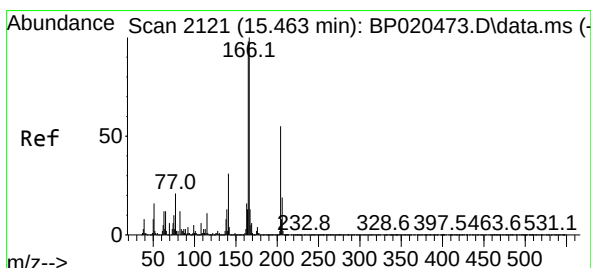
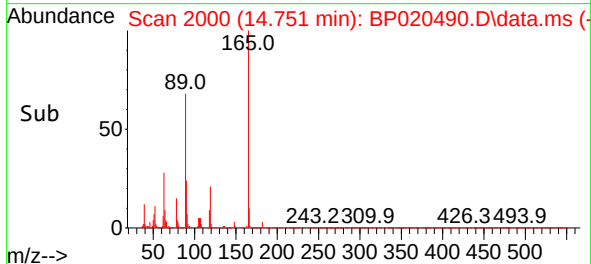
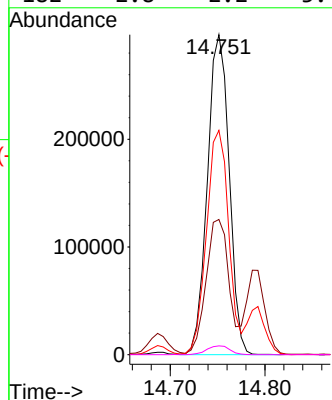
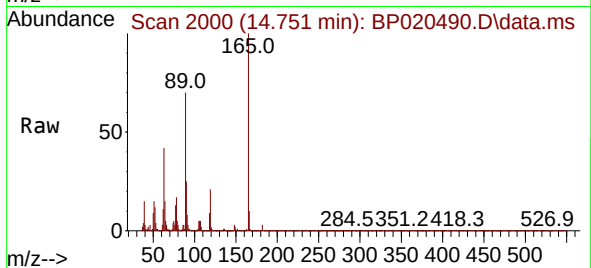




#57  
2,4-Dinitrotoluene  
Concen: 36.011 ng  
RT: 14.751 min Scan# 20  
Delta R.T. -0.012 min  
Lab File: BP020490.D  
Acq: 03 Jun 2024 13:24

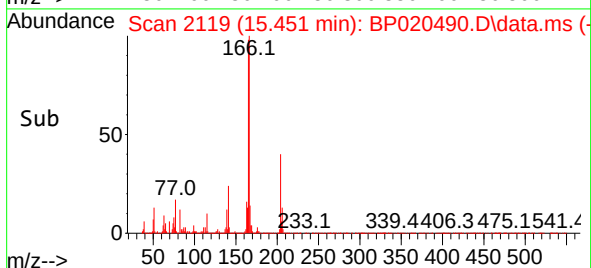
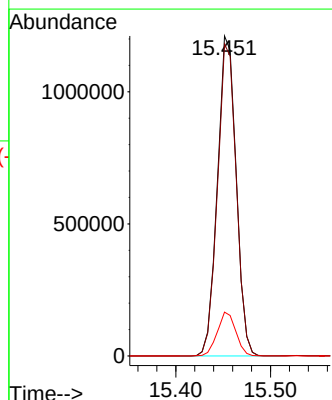
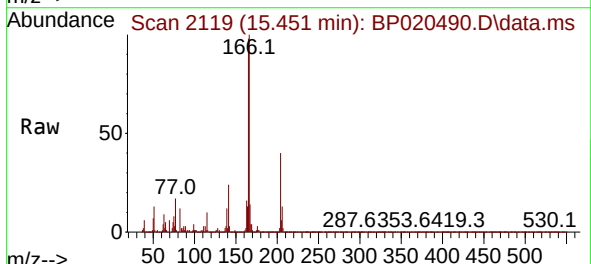
Instrument :  
BNA\_P  
ClientSampleId :  
PB161236BSD

Tgt Ion:165 Resp: 473242  
Ion Ratio Lower Upper  
165 100  
63 42.2 34.9 52.3  
89 70.1 56.6 85.0  
182 2.8 2.2 3.4

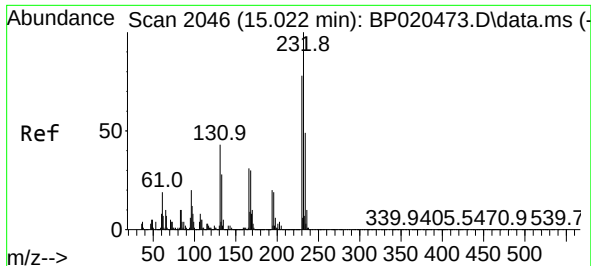


#58  
Fluorene  
Concen: 37.622 ng  
RT: 15.451 min Scan# 2119  
Delta R.T. -0.012 min  
Lab File: BP020490.D  
Acq: 03 Jun 2024 13:24

Tgt Ion:166 Resp: 1667493  
Ion Ratio Lower Upper  
166 100  
165 97.5 78.2 117.4  
167 13.7 10.7 16.1



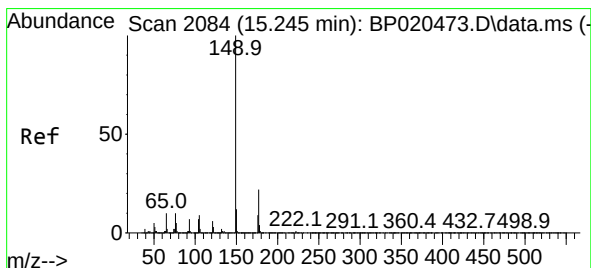
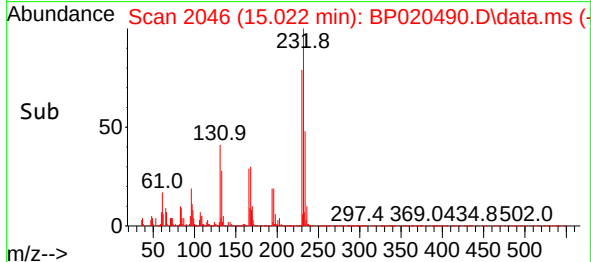
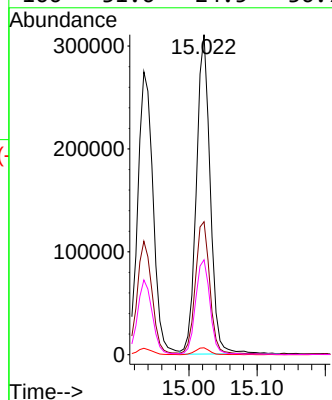
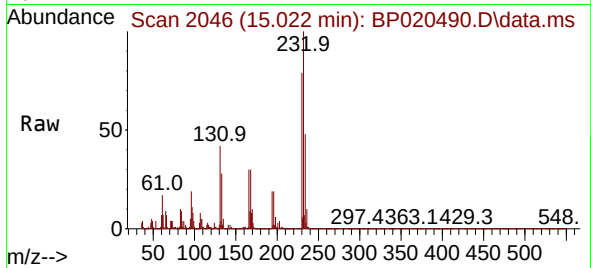




#59  
2,3,4,6-Tetrachlorophenol  
Concen: 39.904 ng  
RT: 15.022 min Scan# 2046  
Delta R.T. 0.000 min  
Lab File: BP020490.D  
Acq: 03 Jun 2024 13:24

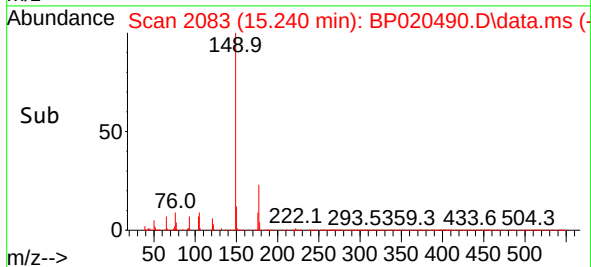
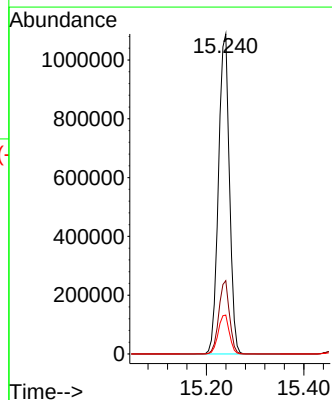
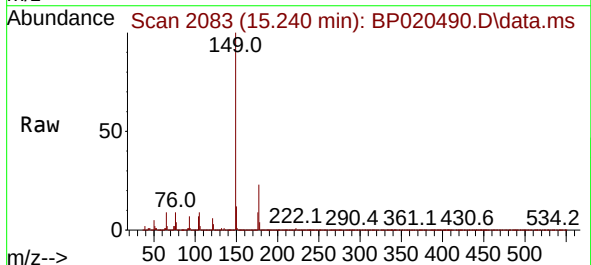
Instrument :  
BNA\_P  
ClientSampleId :  
PB161236BSD

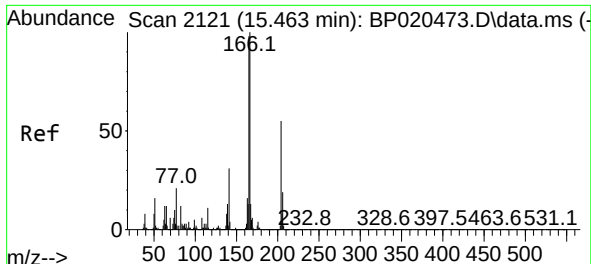
|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 232   | Resp: | 437306 |
| Ion      | Ratio | Lower | Upper  |
| 232      | 100   |       |        |
| 131      | 43.3  | 34.8  | 52.2   |
| 130      | 2.3   | 1.9   | 2.9    |
| 166      | 31.6  | 24.5  | 36.7   |



#60  
Diethylphthalate  
Concen: 35.502 ng  
RT: 15.240 min Scan# 2083  
Delta R.T. -0.006 min  
Lab File: BP020490.D  
Acq: 03 Jun 2024 13:24

|          |       |       |         |
|----------|-------|-------|---------|
| Tgt Ion: | 149   | Resp: | 1688368 |
| Ion      | Ratio | Lower | Upper   |
| 149      | 100   |       |         |
| 177      | 22.9  | 17.8  | 26.8    |
| 150      | 12.1  | 9.8   | 14.8    |

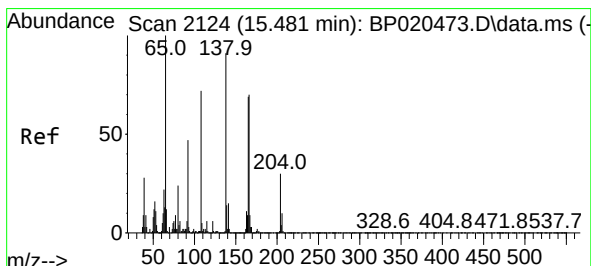
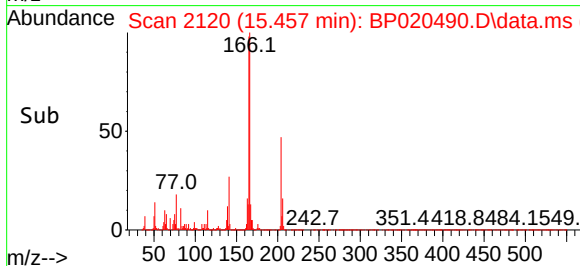
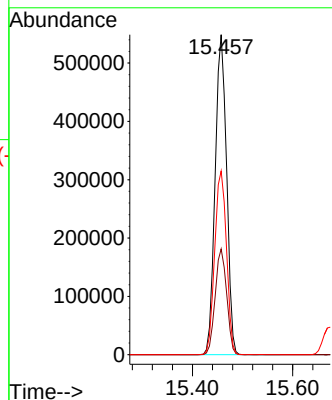
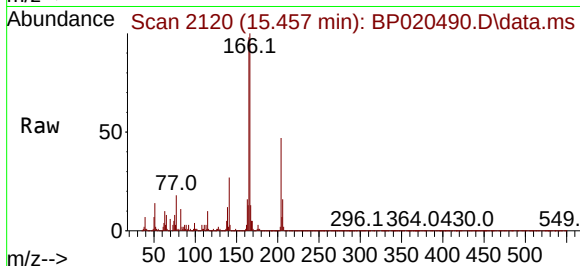




#61  
4-Chlorophenyl-phenylether  
Concen: 37.871 ng  
RT: 15.457 min Scan# 2120  
Delta R.T. -0.006 min  
Lab File: BP020490.D  
Acq: 03 Jun 2024 13:24

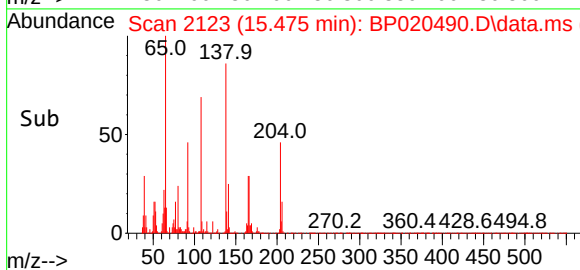
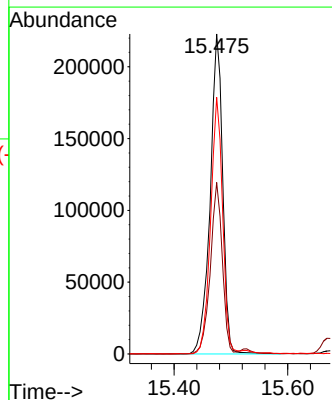
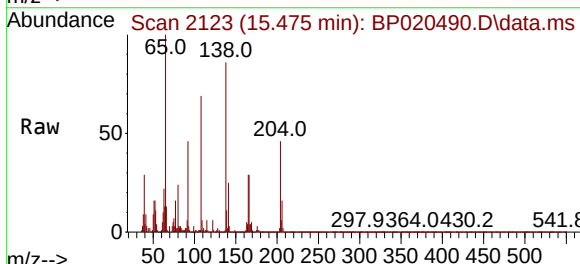
Instrument :  
BNA\_P  
ClientSampleId :  
PB161236BSD

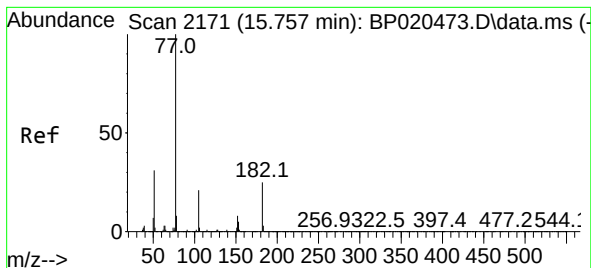
Tgt Ion:204 Resp: 866182  
Ion Ratio Lower Upper  
204 100  
206 33.0 27.0 40.4  
141 57.4 45.0 67.6



#62  
4-Nitroaniline  
Concen: 33.062 ng  
RT: 15.475 min Scan# 2123  
Delta R.T. -0.006 min  
Lab File: BP020490.D  
Acq: 03 Jun 2024 13:24

Tgt Ion:138 Resp: 341613  
Ion Ratio Lower Upper  
138 100  
92 53.6 31.7 71.7  
108 80.2 59.9 99.9





#63

Azobenzene

Concen: 36.874 ng

RT: 15.757 min Scan# 2171

Delta R.T. 0.000 min

Lab File: BP020490.D

Acq: 03 Jun 2024 13:24

Instrument :

BNA\_P

ClientSampleId :

PB161236BSD

Tgt Ion: 77 Resp: 1637464

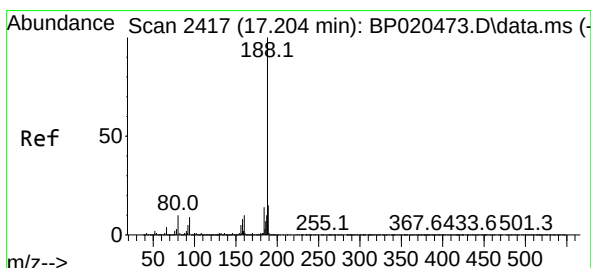
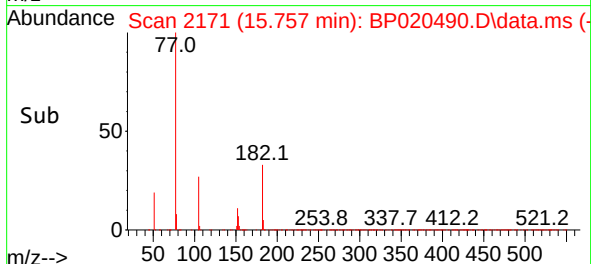
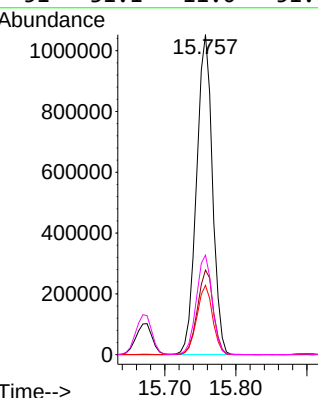
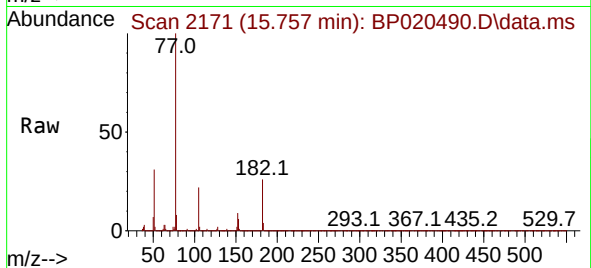
Ion Ratio Lower Upper

77 100

182 26.5 4.6 44.6

105 21.7 1.2 41.2

51 31.1 11.0 51.0



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.198 min Scan# 2416

Delta R.T. -0.006 min

Lab File: BP020490.D

Acq: 03 Jun 2024 13:24

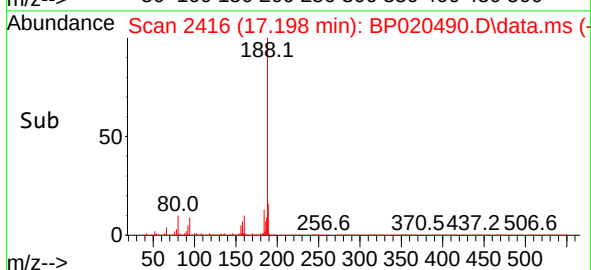
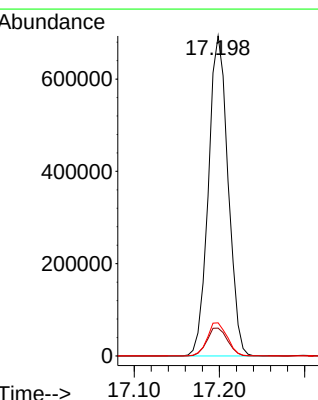
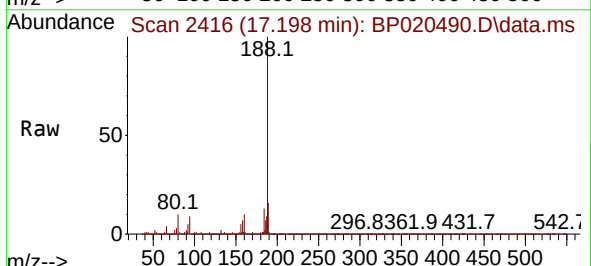
Tgt Ion: 188 Resp: 1112803

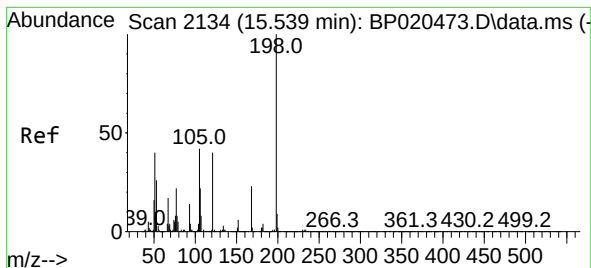
Ion Ratio Lower Upper

188 100

94 8.7 7.2 10.8

80 10.3 8.1 12.1

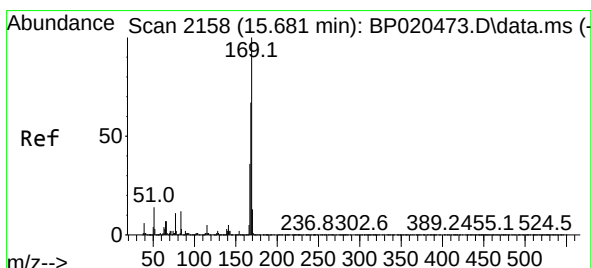
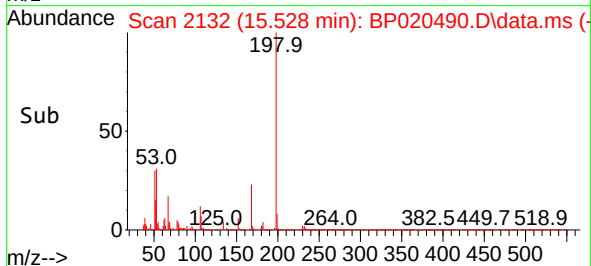
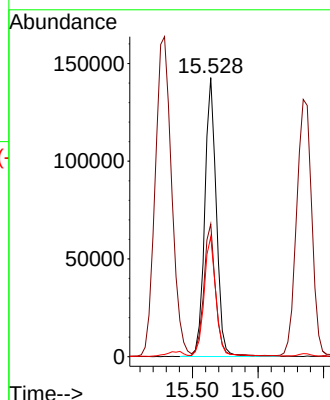
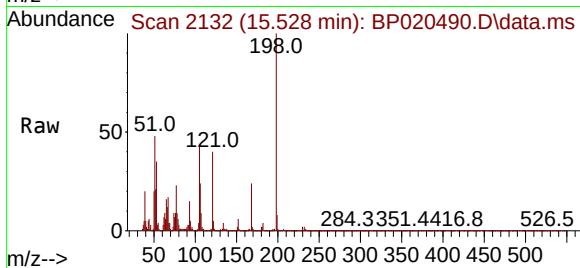




#65  
4,6-Dinitro-2-methylphenol  
Concen: 37.397 ng  
RT: 15.528 min Scan# 2132  
Delta R.T. -0.011 min  
Lab File: BP020490.D  
Acq: 03 Jun 2024 13:24

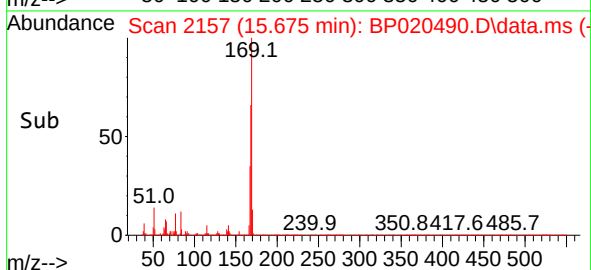
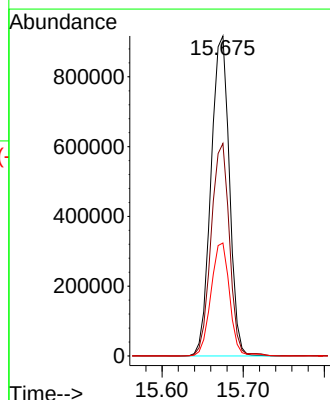
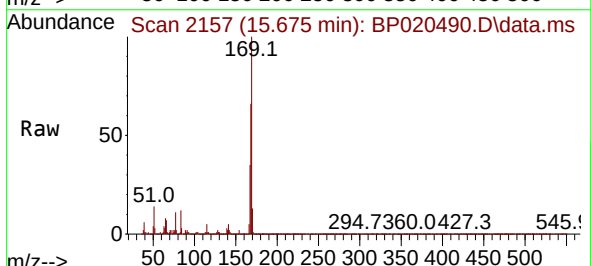
Instrument :  
BNA\_P  
ClientSampleId :  
PB161236BSD

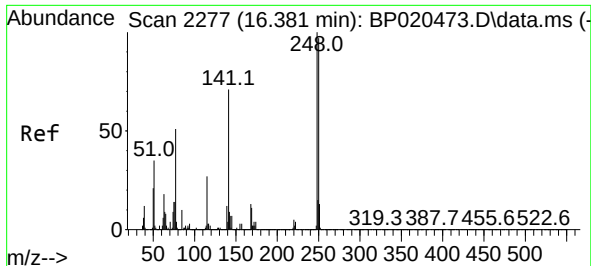
Tgt Ion:198 Resp: 174581  
Ion Ratio Lower Upper  
198 100  
51 47.5 24.8 64.8  
105 42.9 23.2 63.2



#66  
n-Nitrosodiphenylamine  
Concen: 47.007 ng  
RT: 15.675 min Scan# 2157  
Delta R.T. -0.006 min  
Lab File: BP020490.D  
Acq: 03 Jun 2024 13:24

Tgt Ion:169 Resp: 1438163  
Ion Ratio Lower Upper  
169 100  
168 66.4 53.4 80.0  
167 35.3 28.7 43.1

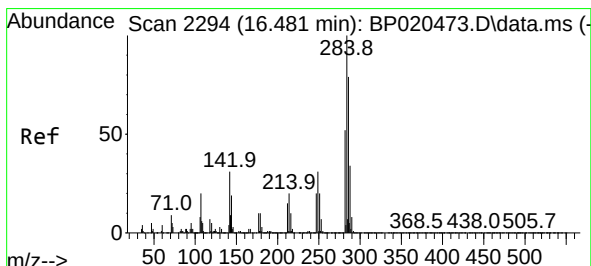
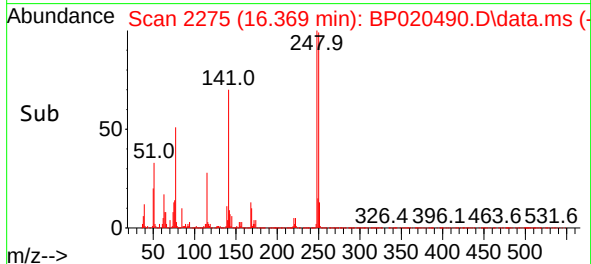
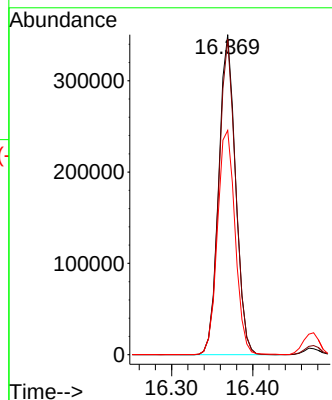
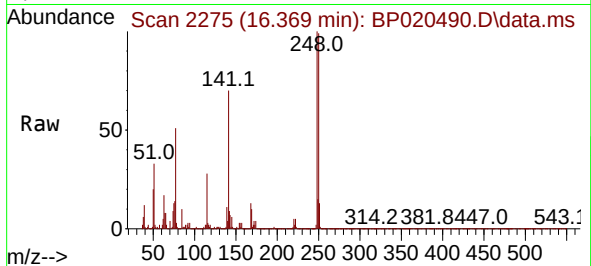




#67  
4-Bromophenyl-phenylether  
Concen: 44.406 ng  
RT: 16.369 min Scan# 21  
Delta R.T. -0.012 min  
Lab File: BP020490.D  
Acq: 03 Jun 2024 13:24

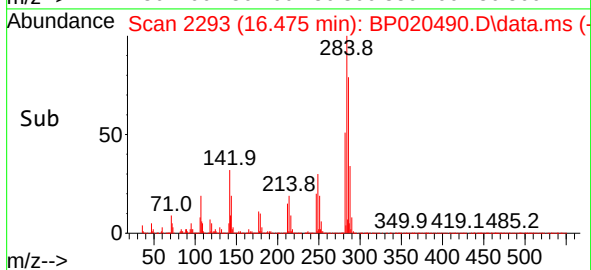
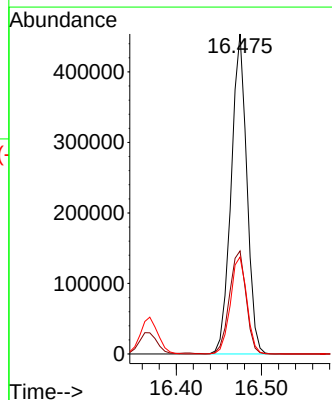
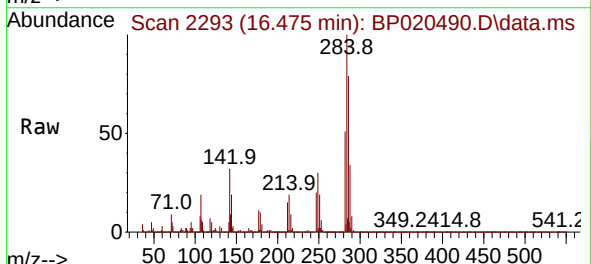
Instrument :  
BNA\_P  
ClientSampleId :  
PB161236BSD

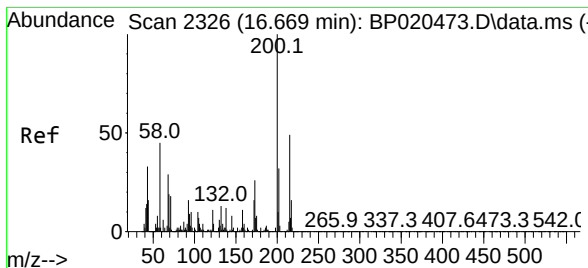
Tgt Ion:248 Resp: 505542  
Ion Ratio Lower Upper  
248 100  
250 98.5 77.4 116.0  
141 70.1 56.5 84.7



#68  
Hexachlorobenzene  
Concen: 43.329 ng  
RT: 16.475 min Scan# 2293  
Delta R.T. -0.006 min  
Lab File: BP020490.D  
Acq: 03 Jun 2024 13:24

Tgt Ion:284 Resp: 580552  
Ion Ratio Lower Upper  
284 100  
142 32.2 24.5 36.7  
249 30.3 25.3 37.9





#69

Atrazine

Concen: 41.764 ng

RT: 16.645 min Scan# 21

Delta R.T. -0.023 min

Lab File: BP020490.D

Acq: 03 Jun 2024 13:24

Instrument :

BNA\_P

ClientSampleId :

PB161236BSD

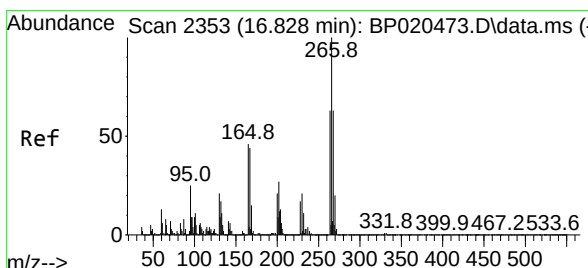
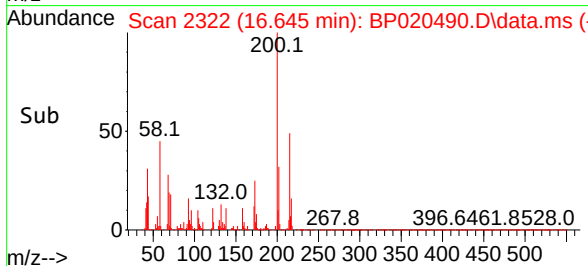
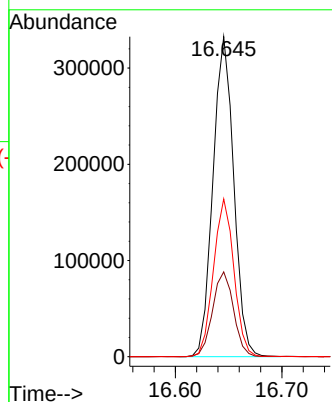
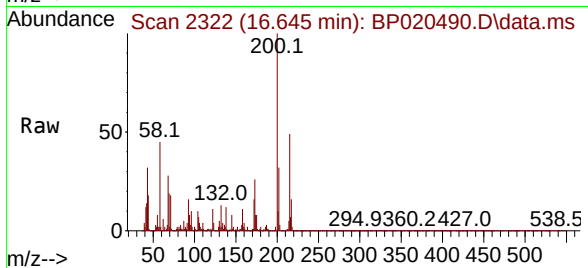
Tgt Ion:200 Resp: 449527

Ion Ratio Lower Upper

200 100

173 26.5 6.1 46.1

215 49.3 28.7 68.7



#70

Pentachlorophenol

Concen: 81.424 ng

RT: 16.834 min Scan# 2354

Delta R.T. 0.006 min

Lab File: BP020490.D

Acq: 03 Jun 2024 13:24

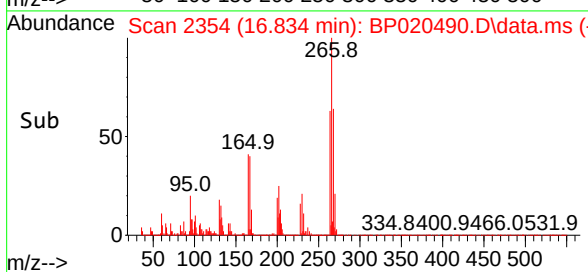
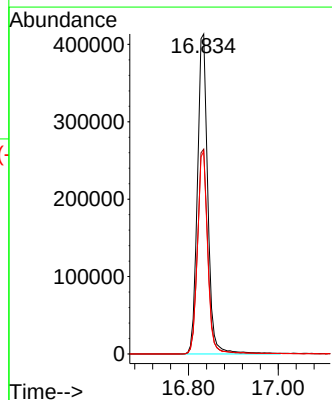
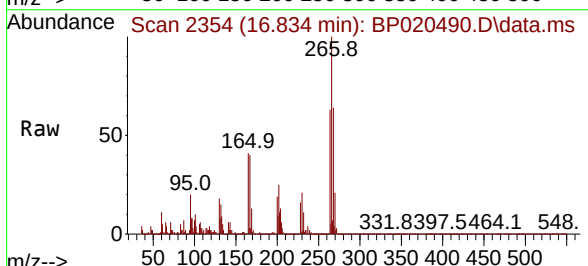
Tgt Ion:266 Resp: 662597

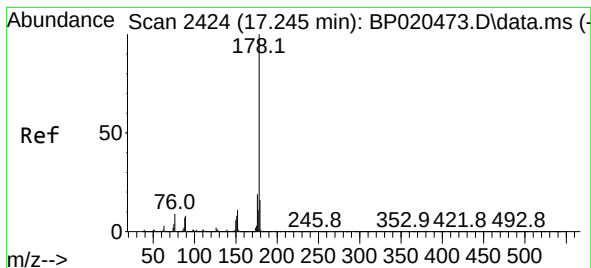
Ion Ratio Lower Upper

266 100

268 64.0 50.1 75.1

264 63.4 50.6 76.0

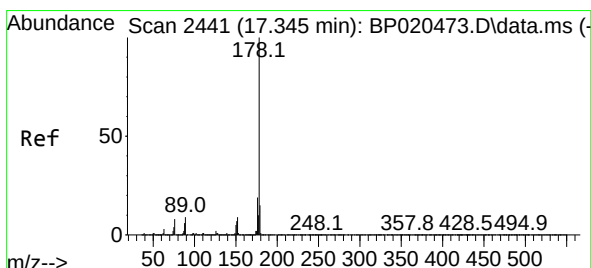
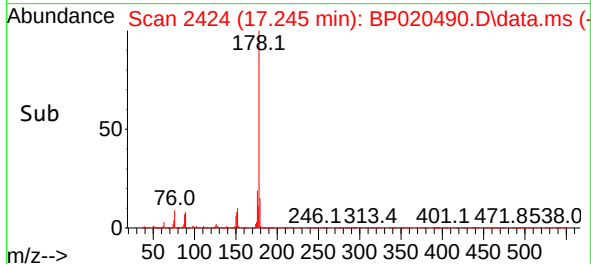
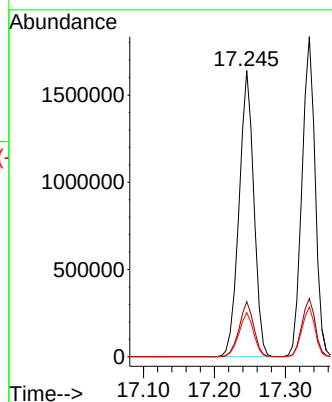
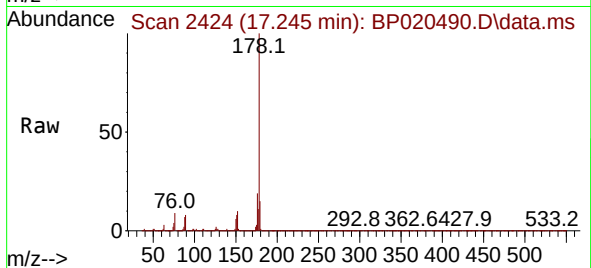




#71  
Phenanthrene  
Concen: 43.315 ng  
RT: 17.245 min Scan# 2424  
Delta R.T. 0.000 min  
Lab File: BP020490.D  
Acq: 03 Jun 2024 13:24

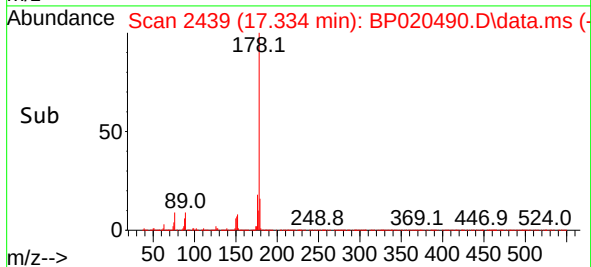
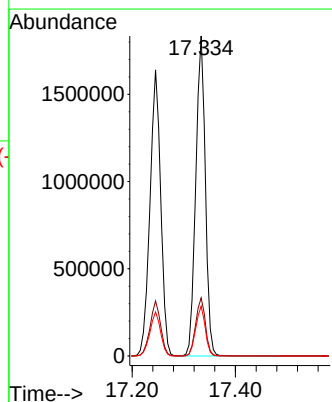
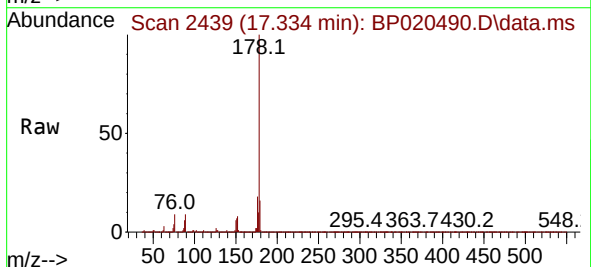
Instrument :  
BNA\_P  
ClientSampleId :  
PB161236BSD

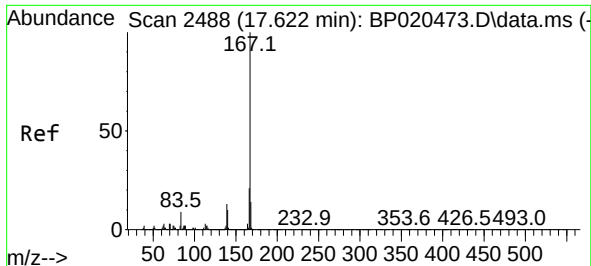
Tgt Ion:178 Resp: 2369456  
Ion Ratio Lower Upper  
178 100  
176 19.2 15.4 23.2  
179 15.4 12.5 18.7



#72  
Anthracene  
Concen: 43.941 ng  
RT: 17.334 min Scan# 2439  
Delta R.T. -0.012 min  
Lab File: BP020490.D  
Acq: 03 Jun 2024 13:24

Tgt Ion:178 Resp: 2358627  
Ion Ratio Lower Upper  
178 100  
176 18.1 14.8 22.2  
179 15.5 12.2 18.4

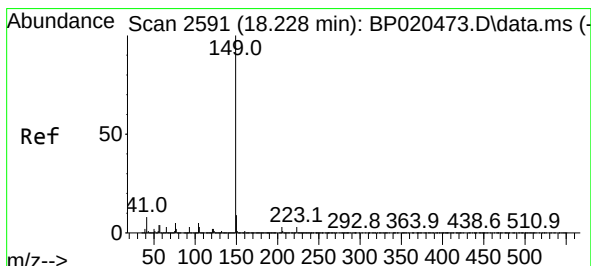
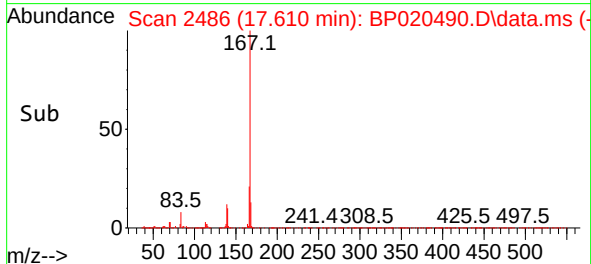
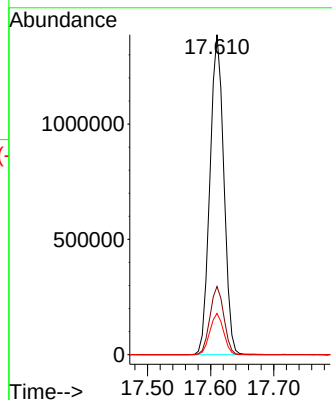
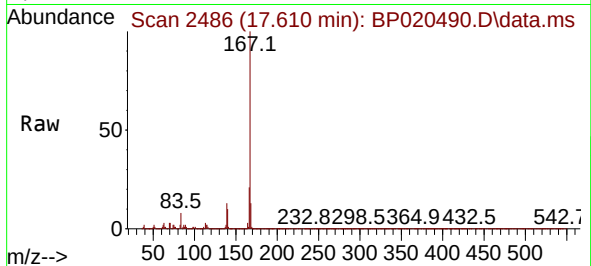




#73  
 Carbazole  
 Concen: 40.770 ng  
 RT: 17.610 min Scan# 2486  
 Delta R.T. -0.012 min  
 Lab File: BP020490.D  
 Acq: 03 Jun 2024 13:24

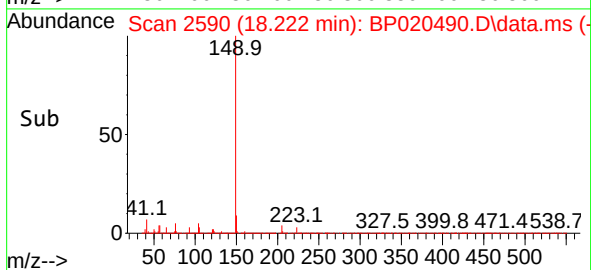
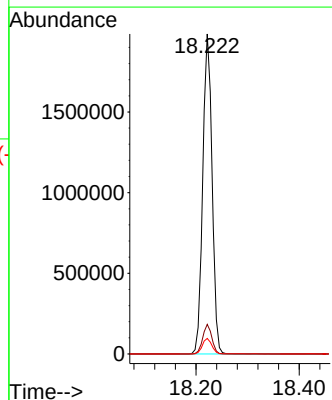
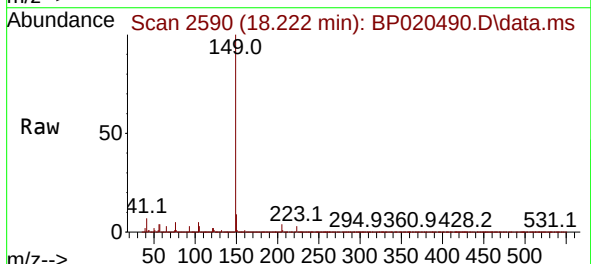
Instrument :  
 BNA\_P  
 ClientSampleId :  
 PB161236BSD

Tgt Ion:167 Resp: 2116845  
 Ion Ratio Lower Upper  
 167 100  
 166 21.3 17.1 25.7  
 139 12.9 10.5 15.7

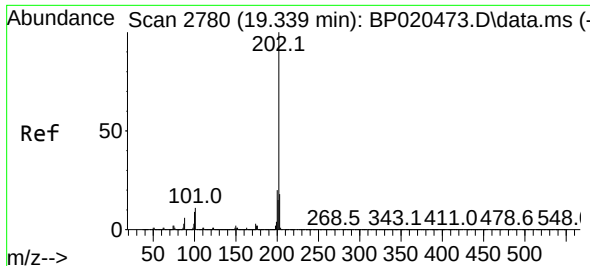


#74  
 Di-n-butylphthalate  
 Concen: 39.429 ng  
 RT: 18.222 min Scan# 2590  
 Delta R.T. -0.006 min  
 Lab File: BP020490.D  
 Acq: 03 Jun 2024 13:24

Tgt Ion:149 Resp: 2479154  
 Ion Ratio Lower Upper  
 149 100  
 150 9.3 7.4 11.2  
 104 4.9 4.2 6.2

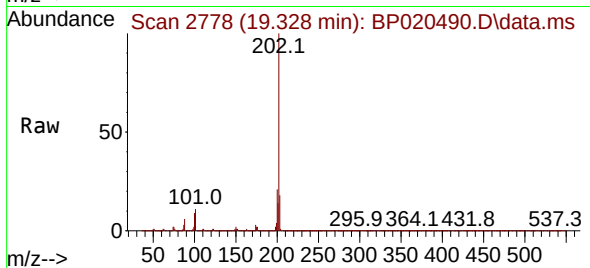




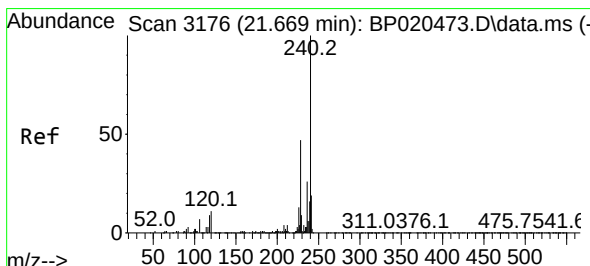
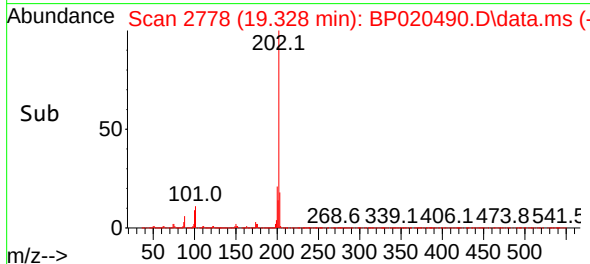
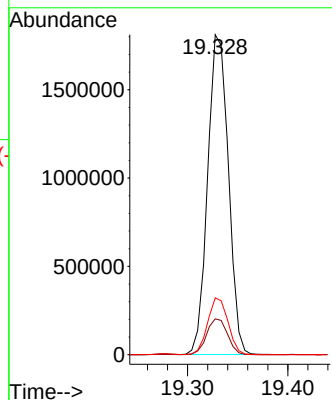


#75  
Fluoranthene  
Concen: 40.287 ng  
RT: 19.328 min Scan# 21  
Delta R.T. -0.012 min  
Lab File: BP020490.D  
Acq: 03 Jun 2024 13:24

Instrument :  
BNA\_P  
ClientSampleId :  
PB161236BSD

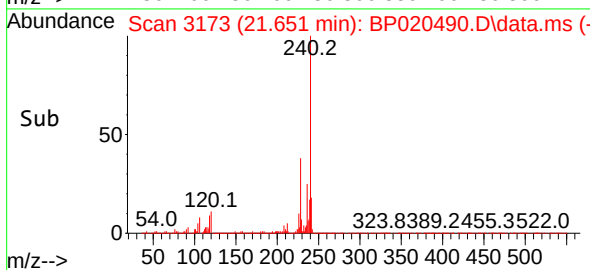
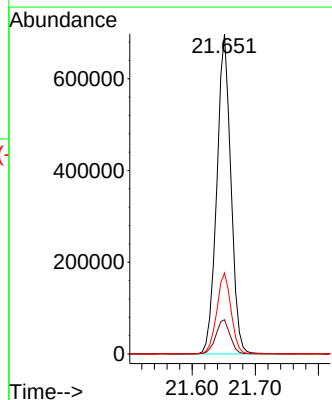
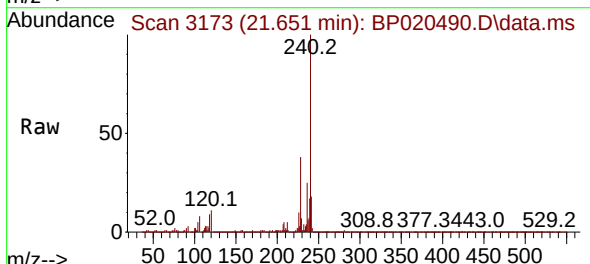


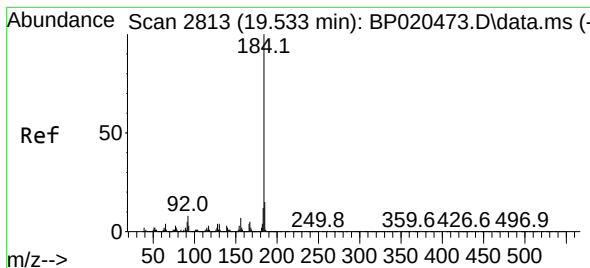
Tgt Ion:202 Resp: 2607164  
Ion Ratio Lower Upper  
202 100  
101 11.2 0.0 31.4  
203 17.7 0.0 37.7



#76  
Chrysene-d12  
Concen: 20.000 ng  
RT: 21.651 min Scan# 3173  
Delta R.T. -0.018 min  
Lab File: BP020490.D  
Acq: 03 Jun 2024 13:24

Tgt Ion:240 Resp: 1079813  
Ion Ratio Lower Upper  
240 100  
120 10.7 8.5 12.7  
236 25.3 20.5 30.7





#77

Benzidine

Concen: 18.957 ng

RT: 19.539 min Scan# 2814

Delta R.T. 0.006 min

Lab File: BP020490.D

Acq: 03 Jun 2024 13:24

Instrument :

BNA\_P

ClientSampleId :

PB161236BSD

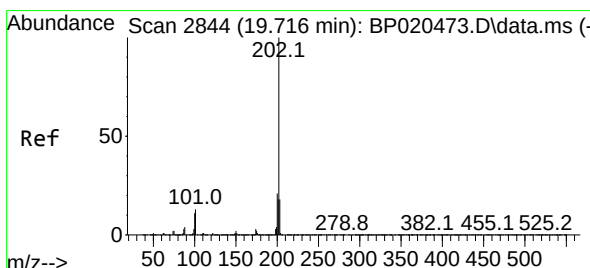
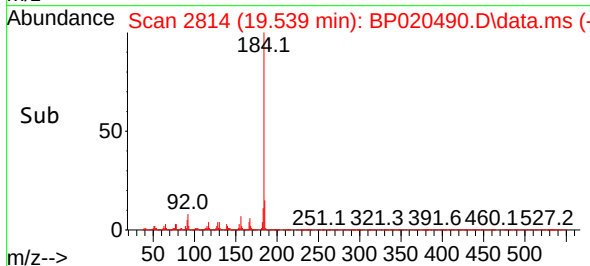
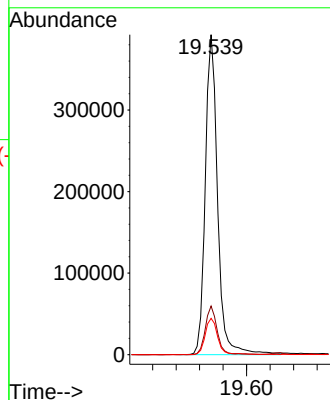
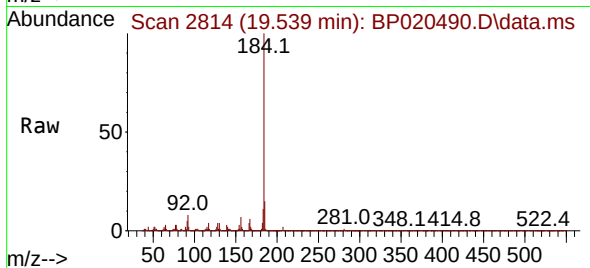
Tgt Ion:184 Resp: 569362

Ion Ratio Lower Upper

184 100

185 15.2 12.0 18.0

183 11.4 9.4 14.0



#78

Pyrene

Concen: 34.264 ng

RT: 19.710 min Scan# 2843

Delta R.T. -0.006 min

Lab File: BP020490.D

Acq: 03 Jun 2024 13:24

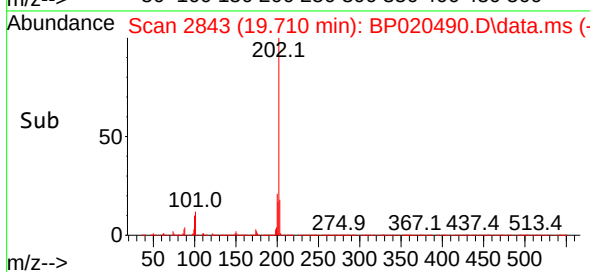
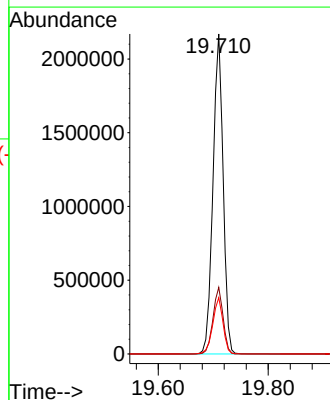
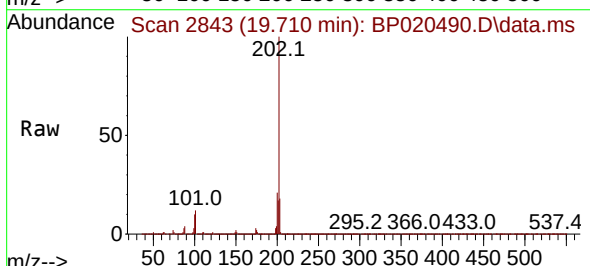
Tgt Ion:202 Resp: 2783003

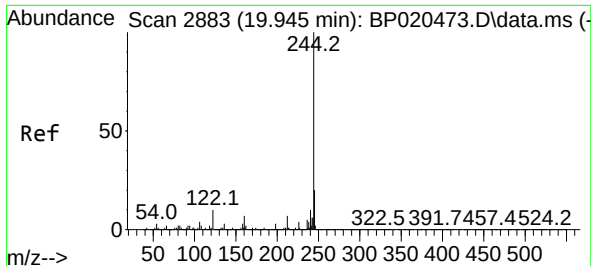
Ion Ratio Lower Upper

202 100

200 20.8 16.9 25.3

203 17.6 14.1 21.1

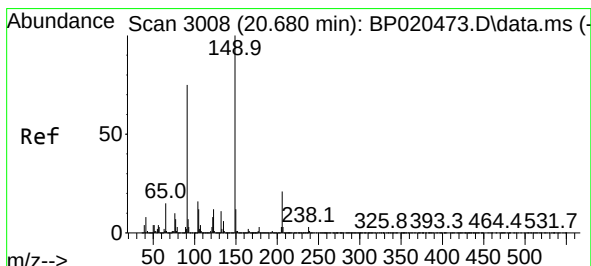
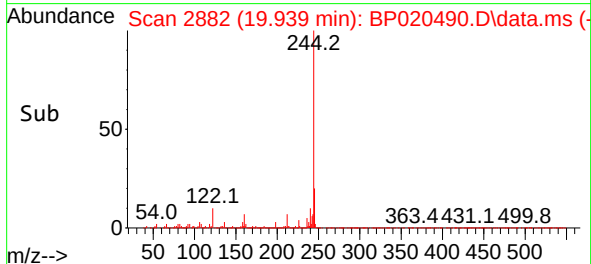
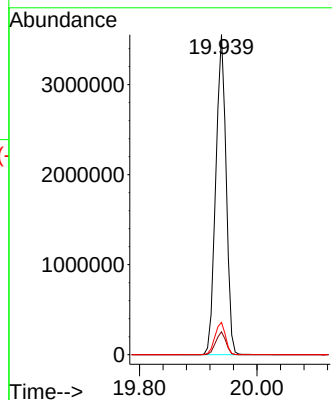
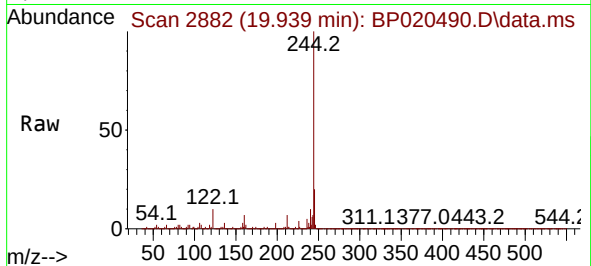




#79  
 Terphenyl-d14  
 Concen: 66.778 ng  
 RT: 19.939 min Scan# 2882  
 Delta R.T. -0.006 min  
 Lab File: BP020490.D  
 Acq: 03 Jun 2024 13:24

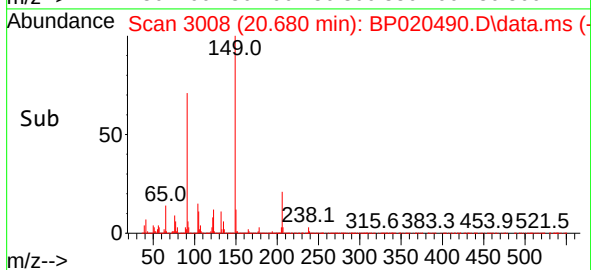
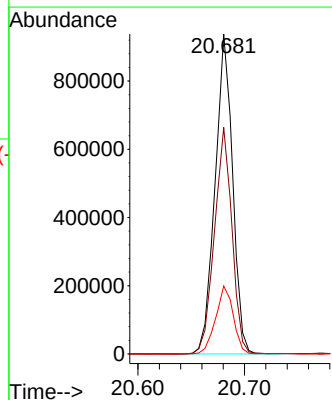
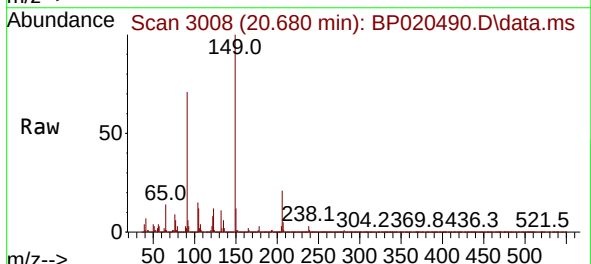
Instrument :  
 BNA\_P  
 ClientSampleId :  
 PB161236BSD

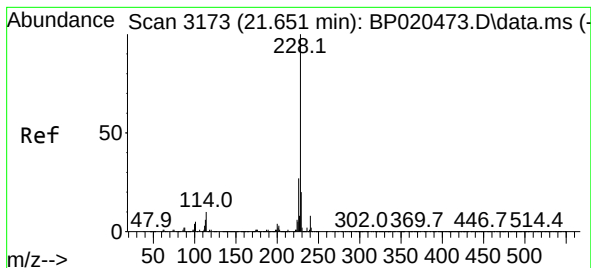
Tgt Ion:244 Resp: 4331503  
 Ion Ratio Lower Upper  
 244 100  
 212 7.1 5.8 8.8  
 122 10.1 8.2 12.2



#80  
 Butylbenzylphthalate  
 Concen: 33.516 ng  
 RT: 20.680 min Scan# 3008  
 Delta R.T. 0.000 min  
 Lab File: BP020490.D  
 Acq: 03 Jun 2024 13:24

Tgt Ion:149 Resp: 1071026  
 Ion Ratio Lower Upper  
 149 100  
 91 70.8 60.0 90.0  
 206 21.2 16.6 25.0





#81

Benzo(a)anthracene

Concen: 43.211 ng

RT: 21.628 min Scan# 3173

Delta R.T. -0.023 min

Lab File: BP020490.D

Acq: 03 Jun 2024 13:24

Instrument :

BNA\_P

ClientSampleId :

PB161236BSD

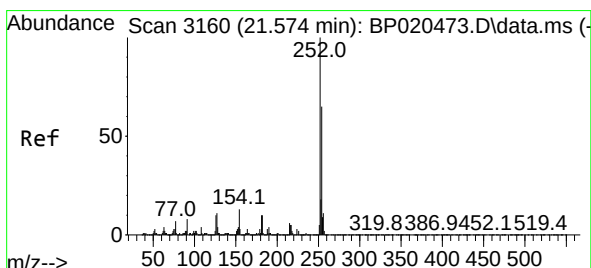
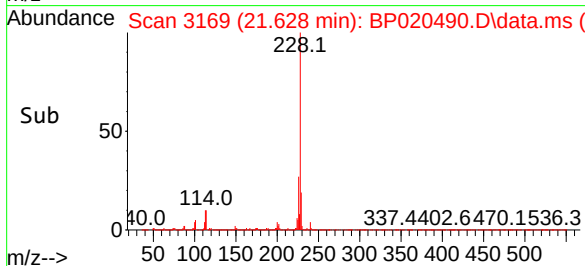
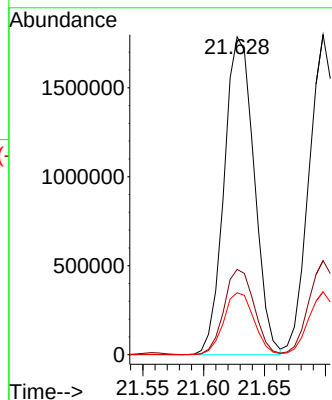
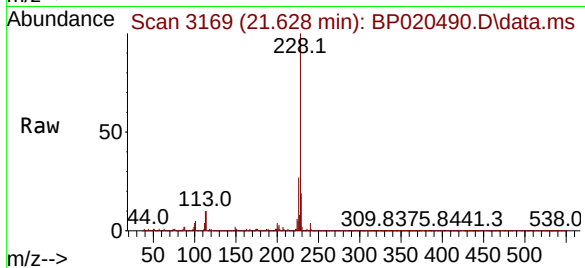
Tgt Ion:228 Resp: 3072254

Ion Ratio Lower Upper

228 100

226 26.8 21.7 32.5

229 19.5 15.8 23.6



#82

3,3'-Dichlorobenzidine

Concen: 44.533 ng

RT: 21.557 min Scan# 3157

Delta R.T. -0.017 min

Lab File: BP020490.D

Acq: 03 Jun 2024 13:24

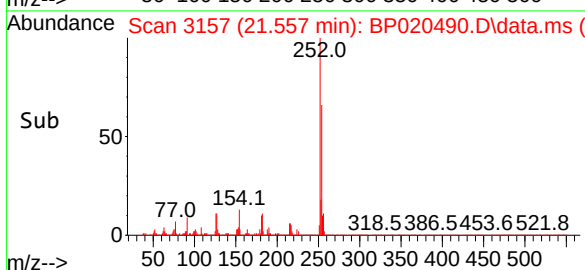
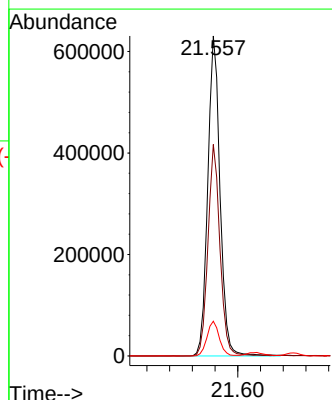
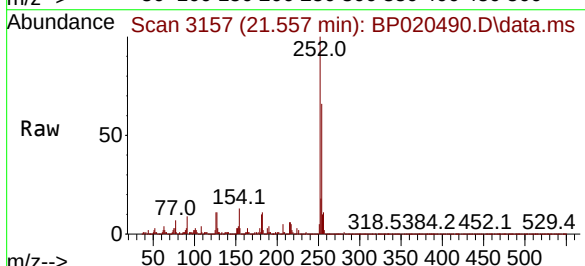
Tgt Ion:252 Resp: 941234

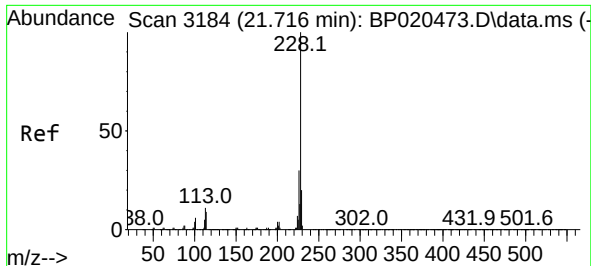
Ion Ratio Lower Upper

252 100

254 66.1 51.7 77.5

126 10.9 8.3 12.5

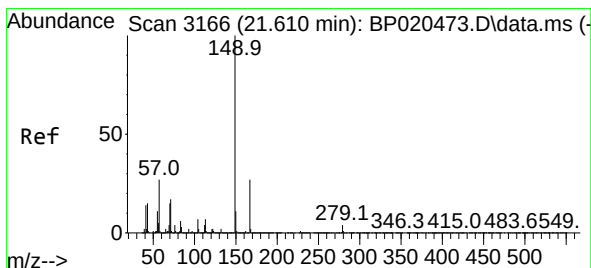
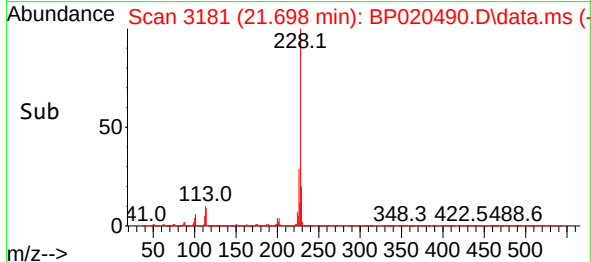
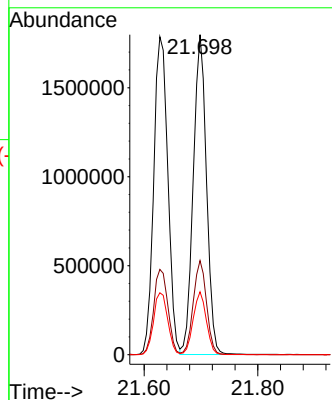
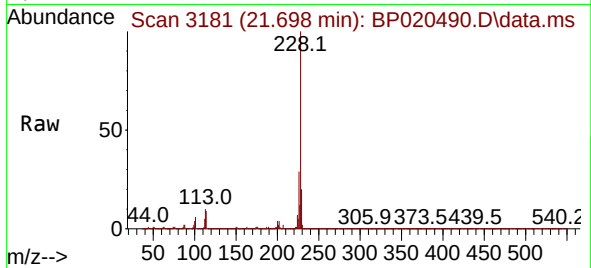




#83  
Chrysene  
Concen: 43.502 ng  
RT: 21.698 min Scan# 3184  
Delta R.T. -0.018 min  
Lab File: BP020490.D  
Acq: 03 Jun 2024 13:24

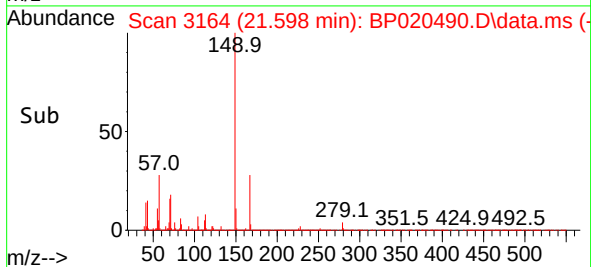
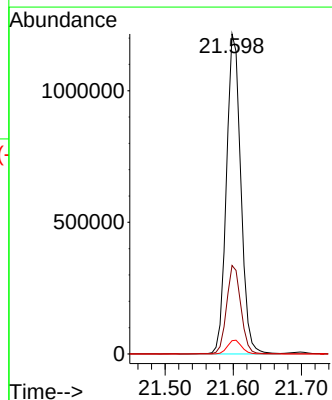
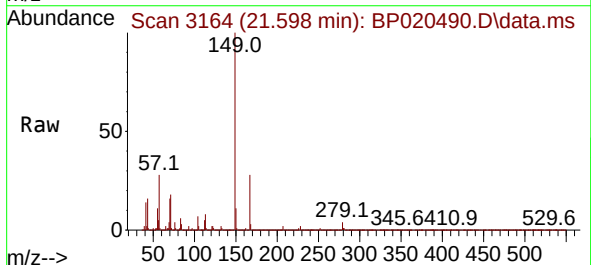
Instrument :  
BNA\_P  
ClientSampleId :  
PB161236BSD

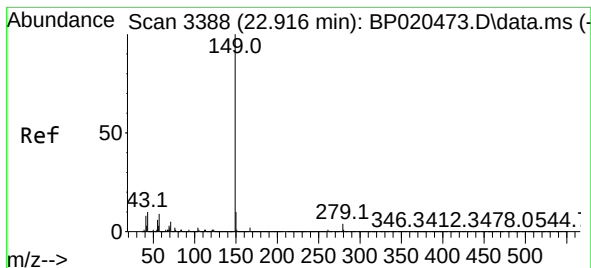
Tgt Ion:228 Resp: 2914431  
Ion Ratio Lower Upper  
228 100  
226 29.4 24.0 36.0  
229 19.7 15.7 23.5



#84  
Bis(2-ethylhexyl)phthalate  
Concen: 38.526 ng  
RT: 21.598 min Scan# 3164  
Delta R.T. -0.012 min  
Lab File: BP020490.D  
Acq: 03 Jun 2024 13:24

Tgt Ion:149 Resp: 1780876  
Ion Ratio Lower Upper  
149 100  
167 27.7 21.8 32.6  
279 4.2 3.4 5.0





#85

Di-n-octyl phthalate

Concen: 47.439 ng

RT: 22.898 min Scan# 31

Delta R.T. -0.018 min

Lab File: BP020490.D

Acq: 03 Jun 2024 13:24

Instrument :

BNA\_P

ClientSampleId :

PB161236BSD

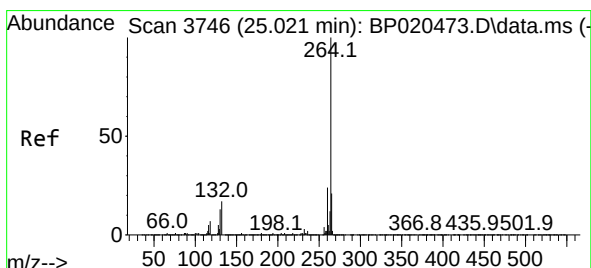
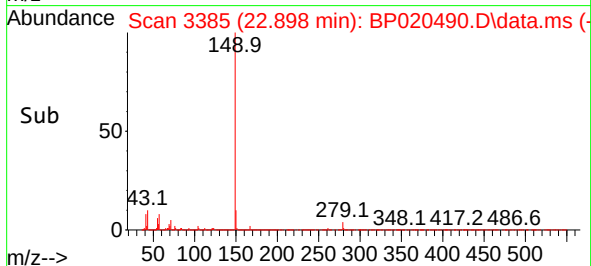
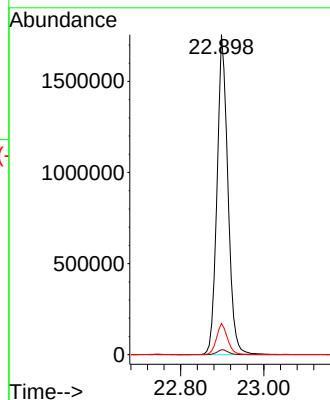
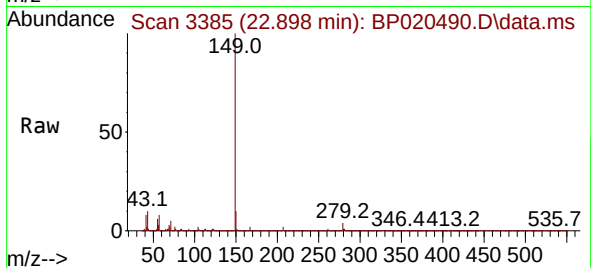
Tgt Ion:149 Resp: 3187225

Ion Ratio Lower Upper

149 100

167 1.6 1.3 1.9

43 9.9 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: BP020490.D

Acq: 03 Jun 2024 13:24

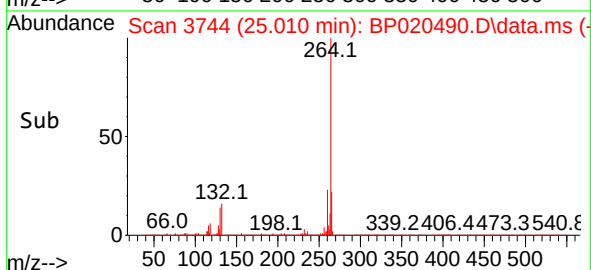
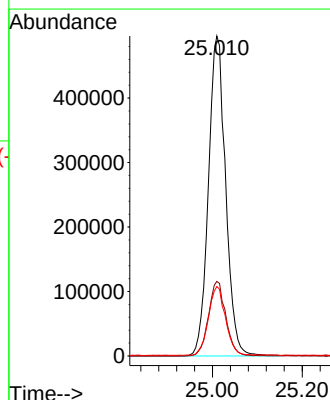
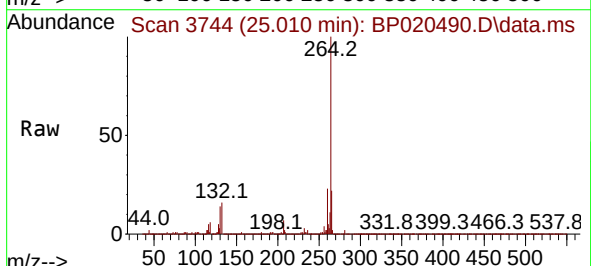
Tgt Ion:264 Resp: 1322702

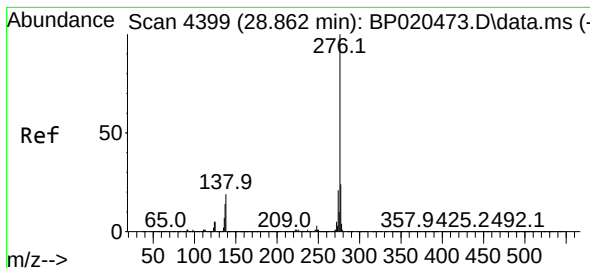
Ion Ratio Lower Upper

264 100

260 23.3 18.9 28.3

265 21.7 17.4 26.0





#87

Indeno(1,2,3-cd)pyrene

Concen: 44.408 ng

RT: 28.827 min Scan# 41

Delta R.T. -0.035 min

Lab File: BP020490.D

Acq: 03 Jun 2024 13:24

Instrument :

BNA\_P

ClientSampleId :

PB161236BSD

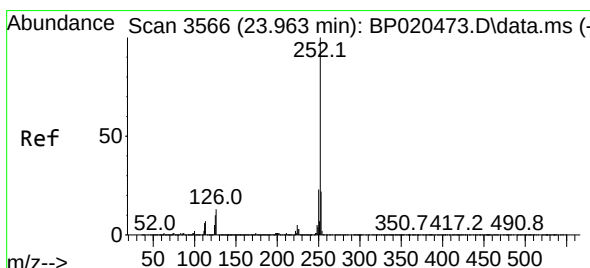
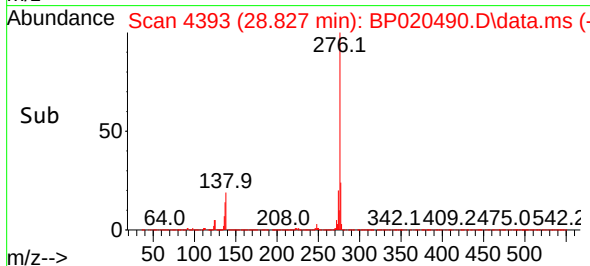
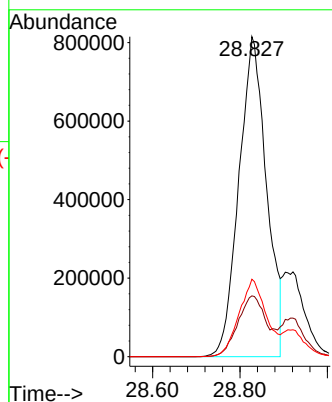
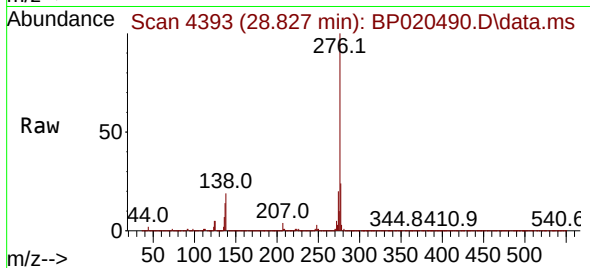
Tgt Ion:276 Resp: 3571848

Ion Ratio Lower Upper

276 100

138 19.7 12.8 19.2#

277 24.1 15.6 23.4#



#88

Benzo(b)fluoranthene

Concen: 41.480 ng

RT: 23.945 min Scan# 3563

Delta R.T. -0.018 min

Lab File: BP020490.D

Acq: 03 Jun 2024 13:24

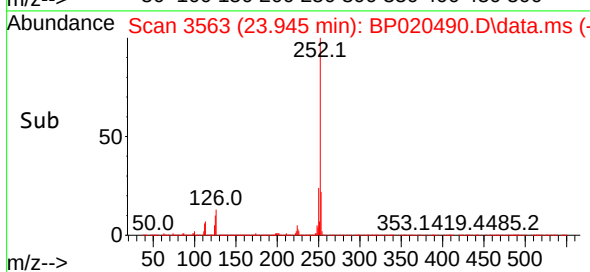
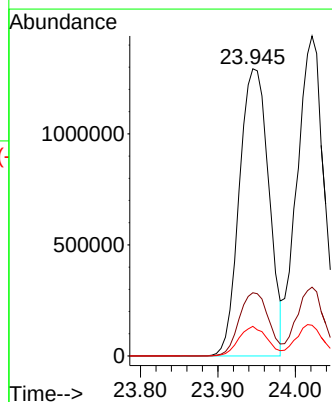
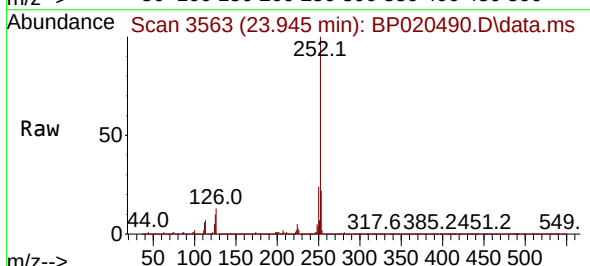
Tgt Ion:252 Resp: 3418016

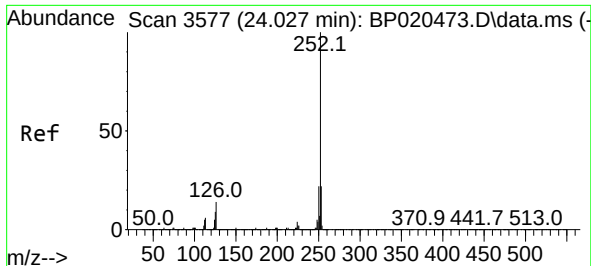
Ion Ratio Lower Upper

252 100

253 22.0 17.6 26.4

125 10.3 8.0 12.0

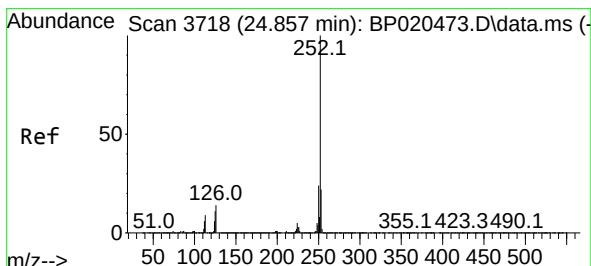
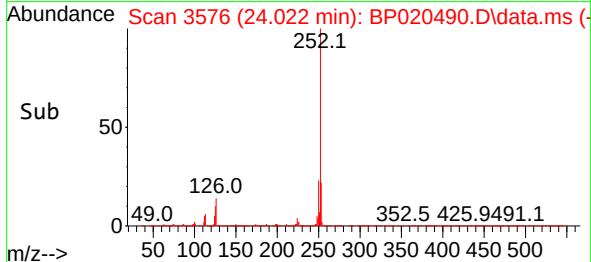
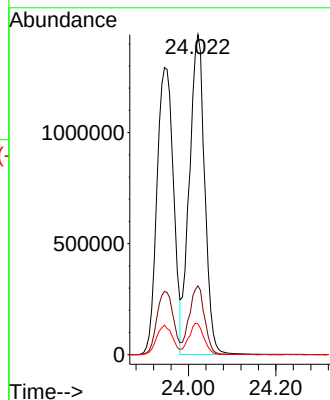
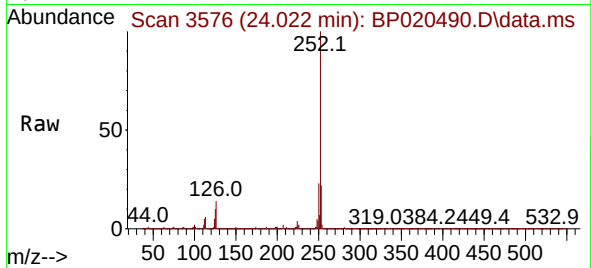




#89  
Benzo(k)fluoranthene  
Concen: 43.545 ng  
RT: 24.022 min Scan# 31  
Delta R.T. -0.006 min  
Lab File: BP020490.D  
Acq: 03 Jun 2024 13:24

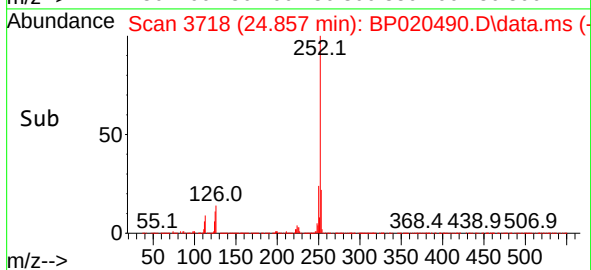
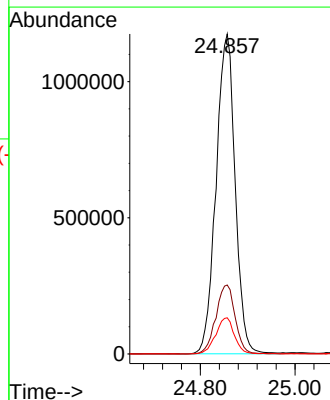
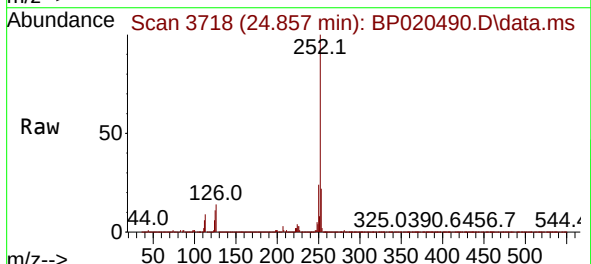
Instrument :  
BNA\_P  
ClientSampleId :  
PB161236BSD

Tgt Ion:252 Resp: 3499682  
Ion Ratio Lower Upper  
252 100  
253 21.5 17.7 26.5  
125 9.6 7.8 11.6

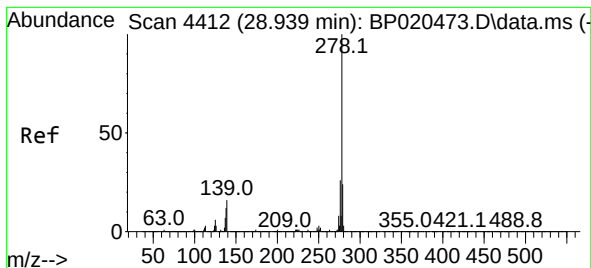


#90  
Benzo(a)pyrene  
Concen: 48.121 ng  
RT: 24.857 min Scan# 3718  
Delta R.T. 0.000 min  
Lab File: BP020490.D  
Acq: 03 Jun 2024 13:24

Tgt Ion:252 Resp: 3283920  
Ion Ratio Lower Upper  
252 100  
253 21.5 17.4 26.2  
125 11.3 8.9 13.3







#91

Dibenzo(a,h)anthracene

Concen: 53.392 ng

RT: 28.921 min Scan# 4412

Delta R.T. -0.017 min

Lab File: BP020490.D

Acq: 03 Jun 2024 13:24

Instrument :

BNA\_P

ClientSampleId :

PB161236BSD

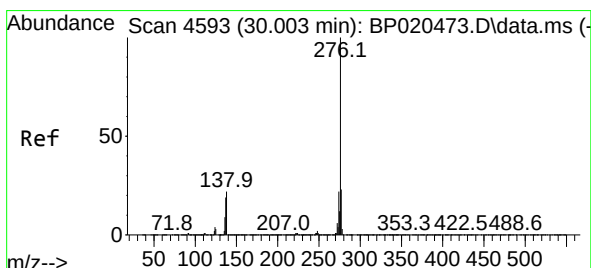
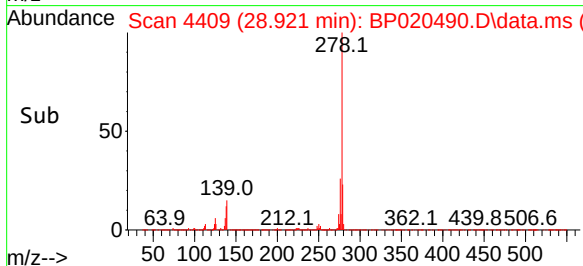
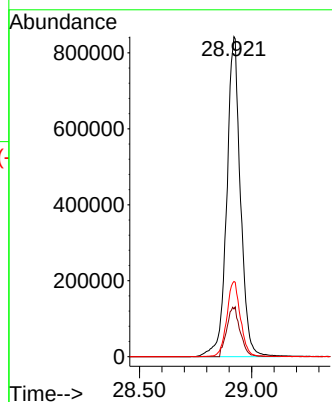
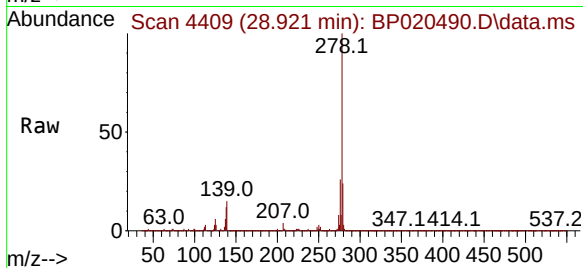
Tgt Ion:278 Resp: 3581951

Ion Ratio Lower Upper

278 100

139 14.9 13.0 19.4

279 23.5 19.2 28.8



#92

Benzo(g,h,i)perylene

Concen: 50.976 ng

RT: 30.004 min Scan# 4593

Delta R.T. 0.000 min

Lab File: BP020490.D

Acq: 03 Jun 2024 13:24

Tgt Ion:276 Resp: 3418293

Ion Ratio Lower Upper

276 100

277 23.2 18.7 28.1

138 21.6 17.7 26.5

