

Data Path : Z:\svoasrv\HPCHEM1\BNA\_P\Data\BP041525\  
 Data File : BP024299.D  
 Acq On : 15 Apr 2025 18:10  
 Operator : RC/JU  
 Sample : Q1787-12MS  
 Misc :  
 ALS Vial : 15 Sample Multiplier: 1

Instrument :  
 BNA\_P  
 ClientSampleId :  
 TP-1MS

Quant Time: Apr 15 18:40:11 2025  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_P\Methods\8270E-BP041425.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Tue Apr 15 04:48:42 2025  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc    | Units | Dev(Min) |
|-------------------------------|--------|------|----------|---------|-------|----------|
| -----                         |        |      |          |         |       |          |
| Internal Standards            |        |      |          |         |       |          |
| 1) 1,4-Dichlorobenzene-d4     | 7.734  | 152  | 259808   | 20.000  | ng    | 0.00     |
| 21) Naphthalene-d8            | 10.510 | 136  | 990490   | 20.000  | ng    | 0.00     |
| 39) Acenaphthene-d10          | 14.363 | 164  | 544881   | 20.000  | ng    | 0.00     |
| 64) Phenanthrene-d10          | 17.181 | 188  | 990797   | 20.000  | ng    | 0.00     |
| 76) Chrysene-d12              | 21.627 | 240  | 1084738  | 20.000  | ng    | 0.00     |
| 86) Perylene-d12              | 24.986 | 264  | 1266831  | 20.000  | ng    | 0.00     |
| System Monitoring Compounds   |        |      |          |         |       |          |
| 5) 2-Fluorophenol             | 5.352  | 112  | 1949232  | 124.052 | ng    | 0.00     |
| 7) Phenol-d6                  | 6.916  | 99   | 2210570  | 102.743 | ng    | 0.00     |
| 23) Nitrobenzene-d5           | 8.881  | 82   | 1656996  | 95.391  | ng    | 0.00     |
| 42) 2,4,6-Tribromophenol      | 15.886 | 330  | 941827   | 124.932 | ng    | 0.00     |
| 45) 2-Fluorobiphenyl          | 12.969 | 172  | 3155566  | 88.671  | ng    | -0.01    |
| 79) Terphenyl-d14             | 19.910 | 244  | 4793355  | 89.069  | ng    | -0.01    |
| Target Compounds              |        |      |          |         |       |          |
|                               |        |      |          |         |       | Qvalue   |
| 2) 1,4-Dioxane                | 3.311  | 88   | 263043   | 39.577  | ng    | # 78     |
| 3) Pyridine                   | 3.705  | 79   | 586526   | 33.420  | ng    | 99       |
| 4) n-Nitrosodimethylamine     | 3.605  | 42   | 251532   | 43.185  | ng    | 93       |
| 6) Aniline                    | 7.069  | 93   | 705587   | 36.700  | ng    | 98       |
| 8) 2-Chlorophenol             | 7.305  | 128  | 721666   | 41.136  | ng    | 97       |
| 9) Benzaldehyde               | 6.881  | 77   | 316651   | 29.752  | ng    | 97       |
| 10) Phenol                    | 6.946  | 94   | 786092   | 36.421  | ng    | 96       |
| 11) bis(2-Chloroethyl)ether   | 7.163  | 93   | 699361   | 40.217  | ng    | 99       |
| 12) 1,3-Dichlorobenzene       | 7.622  | 146  | 758500   | 40.160  | ng    | 99       |
| 13) 1,4-Dichlorobenzene       | 7.769  | 146  | 768117   | 40.084  | ng    | 99       |
| 14) 1,2-Dichlorobenzene       | 8.081  | 146  | 741903   | 40.094  | ng    | 99       |
| 15) Benzyl Alcohol            | 7.975  | 79   | 608927   | 43.763  | ng    | 98       |
| 16) 2,2'-oxybis(1-Chloropr... | 8.252  | 45   | 806776   | 42.921  | ng    | 100      |
| 17) 2-Methylphenol            | 8.175  | 107  | 592412   | 42.429  | ng    | 98       |
| 18) Hexachloroethane          | 8.805  | 117  | 289297   | 41.774  | ng    | 99       |
| 19) n-Nitroso-di-n-propyla... | 8.534  | 70   | 529070   | 39.747  | ng    | 100      |
| 20) 3+4-Methylphenols         | 8.499  | 107  | 789344   | 40.744  | ng    | 99       |
| 22) Acetophenone              | 8.546  | 105  | 1066007  | 43.483  | ng    | # 98     |
| 24) Nitrobenzene              | 8.922  | 77   | 794679   | 46.246  | ng    | 97       |
| 25) Isophorone                | 9.446  | 82   | 1457863  | 46.367  | ng    | 100      |
| 26) 2-Nitrophenol             | 9.628  | 139  | 368809   | 43.857  | ng    | 97       |
| 27) 2,4-Dimethylphenol        | 9.687  | 122  | 662153   | 62.710  | ng    | 99       |
| 28) bis(2-Chloroethoxy)met... | 9.922  | 93   | 911362   | 42.907  | ng    | 100      |
| 29) 2,4-Dichlorophenol        | 10.163 | 162  | 622401   | 43.231  | ng    | 97       |
| 30) 1,2,4-Trichlorobenzene    | 10.369 | 180  | 665853   | 43.166  | ng    | 100      |
| 31) Naphthalene               | 10.557 | 128  | 2152241  | 41.250  | ng    | 100      |
| 32) Benzoic acid              | 9.828  | 122  | 324690   | 26.390  | ng    | 97       |
| 33) 4-Chloroaniline           | 10.663 | 127  | 438717   | 23.877  | ng    | 98       |
| 34) Hexachlorobutadiene       | 10.840 | 225  | 396300   | 43.720  | ng    | 99       |
| 35) Caprolactam               | 11.451 | 113  | 163748   | 30.824  | ng    | 87       |
| 36) 4-Chloro-3-methylphenol   | 11.793 | 107  | 680639   | 40.588  | ng    | 100      |
| 37) 2-Methylnaphthalene       | 12.169 | 142  | 1335986  | 36.921  | ng    | 98       |
| 38) 1-Methylnaphthalene       | 12.381 | 142  | 1401811  | 39.601  | ng    | 99       |
| 40) 1,2,4,5-Tetrachloroben... | 12.534 | 216  | 716863   | 47.841  | ng    | # 98     |
| 41) Hexachlorocyclopentadiene | 12.516 | 237  | 1028887  | 194.146 | ng    | 99       |
| 43) 2,4,6-Trichlorophenol     | 12.781 | 196  | 468676   | 47.045  | ng    | 96       |

Data Path : Z:\svoasrv\HPCHEM1\BNA\_P\Data\BP041525\  
 Data File : BP024299.D  
 Acq On : 15 Apr 2025 18:10  
 Operator : RC/JU  
 Sample : Q1787-12MS  
 Misc :  
 ALS Vial : 15 Sample Multiplier: 1

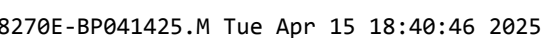
Instrument :  
 BNA\_P  
 ClientSampleId :  
 TP-1MS

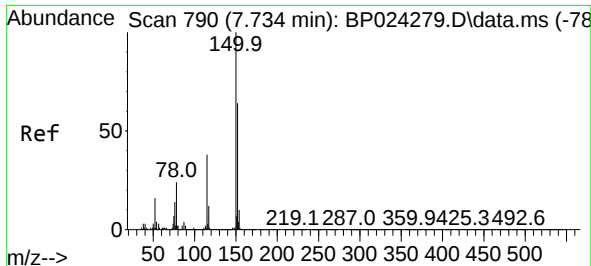
Quant Time: Apr 15 18:40:11 2025  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_P\Methods\8270E-BP041425.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Tue Apr 15 04:48:42 2025  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc   | Units | Dev(Min) |
|-------------------------------|--------|------|----------|--------|-------|----------|
| 44) 2,4,5-Trichlorophenol     | 12.851 | 196  | 506852   | 45.944 | ng    | 96       |
| 46) 1,1'-Biphenyl             | 13.181 | 154  | 1848476  | 46.152 | ng    | 100      |
| 47) 2-Chloronaphthalene       | 13.222 | 162  | 1403661  | 46.892 | ng    | 98       |
| 48) 2-Nitroaniline            | 13.428 | 65   | 425898   | 50.723 | ng    | 95       |
| 49) Acenaphthylene            | 14.081 | 152  | 2305418  | 48.917 | ng    | 99       |
| 50) Dimethylphthalate         | 13.822 | 163  | 1760562  | 44.431 | ng    | 100      |
| 51) 2,6-Dinitrotoluene        | 13.934 | 165  | 374079   | 44.458 | ng    | 91       |
| 52) Acenaphthene              | 14.428 | 154  | 1319835  | 44.174 | ng    | 99       |
| 53) 3-Nitroaniline            | 14.269 | 138  | 233803   | 26.438 | ng    | 93       |
| 54) 2,4-Dinitrophenol         | 14.481 | 184  | 393698   | 79.433 | ng    | 97       |
| 55) Dibenzofuran              | 14.769 | 168  | 2068250  | 42.349 | ng    | 98       |
| 56) 4-Nitrophenol             | 14.598 | 139  | 639809   | 83.770 | ng    | 93       |
| 57) 2,4-Dinitrotoluene        | 14.734 | 165  | 530775   | 46.243 | ng    | 98       |
| 58) Fluorene                  | 15.434 | 166  | 1672899  | 44.248 | ng    | 100      |
| 59) 2,3,4,6-Tetrachlorophenol | 14.998 | 232  | 432998   | 42.555 | ng    | 97       |
| 60) Diethylphthalate          | 15.210 | 149  | 1760423  | 43.112 | ng    | 99       |
| 61) 4-Chlorophenyl-phenyle... | 15.428 | 204  | 805068   | 43.851 | ng    | 99       |
| 62) 4-Nitroaniline            | 15.457 | 138  | 392799   | 41.957 | ng    | 92       |
| 63) Azobenzene                | 15.728 | 77   | 1722680  | 45.900 | ng    | 98       |
| 65) 4,6-Dinitro-2-methylph... | 15.516 | 198  | 280113   | 44.842 | ng    | 98       |
| 66) n-Nitrosodiphenylamine    | 15.651 | 169  | 1438674  | 48.648 | ng    | 99       |
| 67) 4-Bromophenyl-phenylether | 16.345 | 248  | 514816   | 47.509 | ng    | 98       |
| 68) Hexachlorobenzene         | 16.463 | 284  | 602356   | 46.780 | ng    | 95       |
| 69) Atrazine                  | 16.634 | 200  | 484674   | 64.349 | ng    | 99       |
| 70) Pentachlorophenol         | 16.828 | 266  | 848105   | 94.413 | ng    | 99       |
| 71) Phenanthrene              | 17.228 | 178  | 2553284  | 47.239 | ng    | 100      |
| 72) Anthracene                | 17.316 | 178  | 2566445  | 49.266 | ng    | 100      |
| 73) Carbazole                 | 17.598 | 167  | 2451328  | 48.160 | ng    | 100      |
| 74) Di-n-butylphthalate       | 18.198 | 149  | 3098956  | 48.868 | ng    | 100      |
| 75) Fluoranthene              | 19.310 | 202  | 2968168  | 46.173 | ng    | 100      |
| 77) Benzidine                 | 19.498 | 184  | 756224   | 54.998 | ng    | 99       |
| 78) Pyrene                    | 19.686 | 202  | 3098567  | 44.948 | ng    | 100      |
| 80) Butylbenzylphthalate      | 20.639 | 149  | 1473781  | 49.913 | ng    | 99       |
| 81) Benzo(a)anthracene        | 21.610 | 228  | 3217974  | 47.728 | ng    | 100      |
| 82) 3,3'-Dichlorobenzidine    | 21.533 | 252  | 888986   | 37.566 | ng    | 99       |
| 83) Chrysene                  | 21.674 | 228  | 3015605  | 46.685 | ng    | 100      |
| 84) Bis(2-ethylhexyl)phtha... | 21.551 | 149  | 2186401  | 50.511 | ng    | 99       |
| 85) Di-n-octyl phthalate      | 22.845 | 149  | 3695270  | 52.512 | ng    | 99       |
| 87) Indeno(1,2,3-cd)pyrene    | 28.821 | 276  | 3928869  | 44.672 | ng    | 96       |
| 88) Benzo(b)fluoranthene      | 23.945 | 252  | 3572357  | 47.045 | ng    | 100      |
| 89) Benzo(k)fluoranthene      | 24.010 | 252  | 3517866  | 47.961 | ng    | 99       |
| 90) Benzo(a)pyrene            | 24.845 | 252  | 3401123  | 51.925 | ng    | 99       |
| 91) Dibenzo(a,h)anthracene    | 28.915 | 278  | 3798677  | 52.037 | ng    | 98       |
| 92) Benzo(g,h,i)perylene      | 30.015 | 276  | 3722267  | 50.095 | ng    | 99       |

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

Quant Time: Apr 15 18:40:11 2025  
Quant Method : Z:\svoasrv\HPCHEM1\BNA\_P\Methods\8270E-BP041425.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
QLast Update : Tue Apr 15 04:48:42 2025  
Response via : Initial Calibration

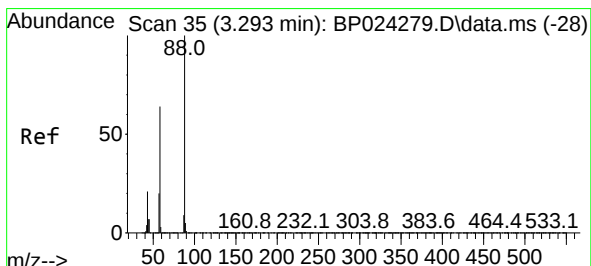
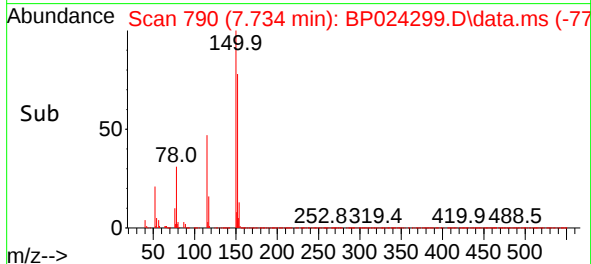
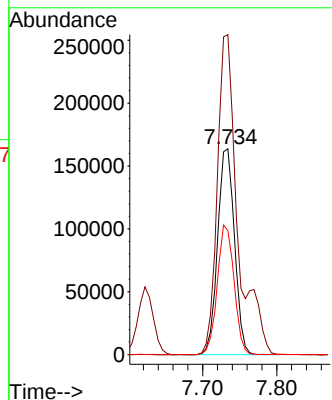
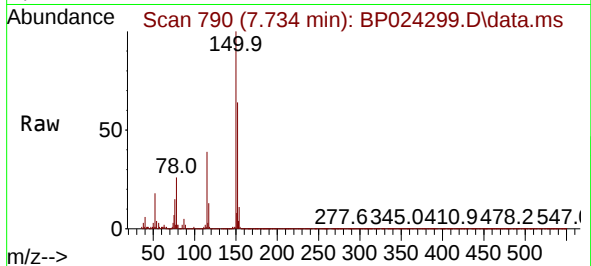




#1  
 1,4-Dichlorobenzene-d4  
 Concen: 20.000 ng  
 RT: 7.734 min Scan# 790  
 Delta R.T. 0.006 min  
 Lab File: BP024299.D  
 Acq: 15 Apr 2025 18:10

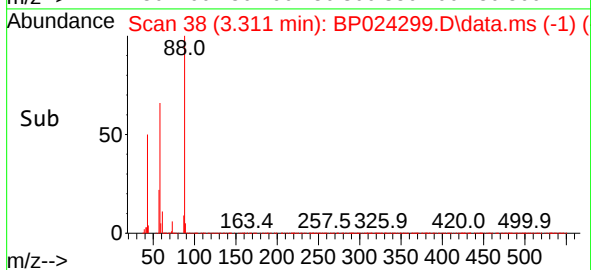
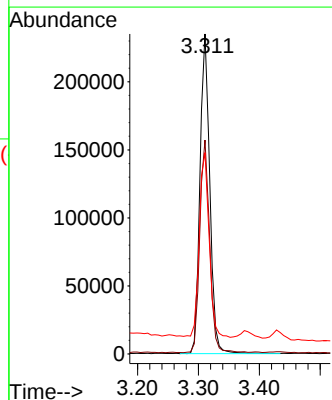
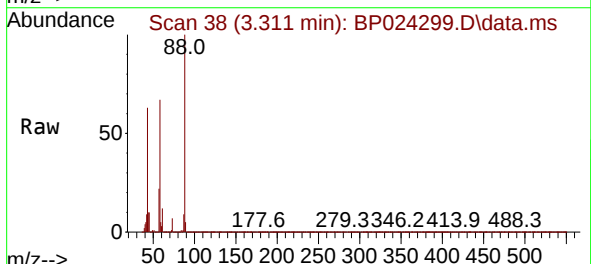
Instrument :  
 BNA\_P  
 ClientSampleId :  
 TP-1MS

Tgt Ion:152 Resp: 259808  
 Ion Ratio Lower Upper  
 152 100  
 150 155.4 124.9 187.3  
 115 60.3 47.7 71.5



#2  
 1,4-Dioxane  
 Concen: 39.577 ng  
 RT: 3.311 min Scan# 38  
 Delta R.T. 0.018 min  
 Lab File: BP024299.D  
 Acq: 15 Apr 2025 18:10

Tgt Ion: 88 Resp: 263043  
 Ion Ratio Lower Upper  
 88 100  
 58 66.9 51.4 77.2  
 43 58.8 17.1 25.7#

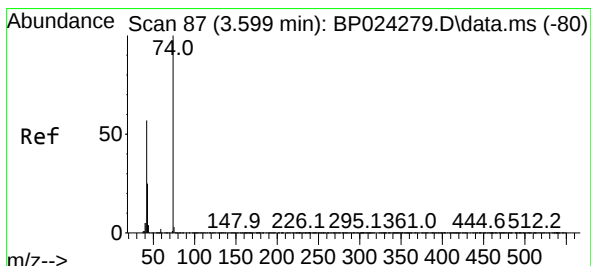
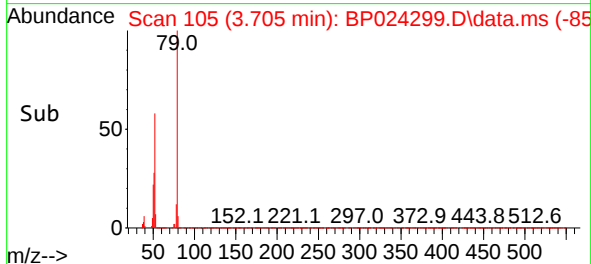
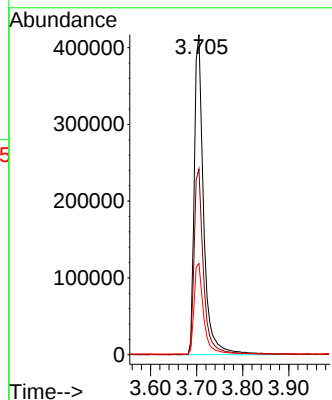
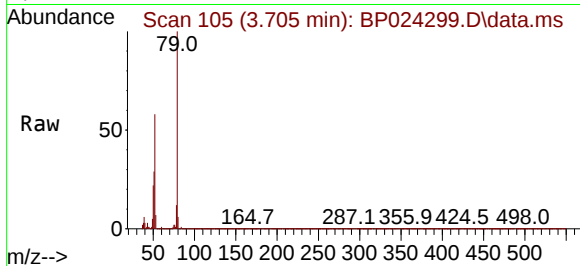




#3  
 Pyridine  
 Concen: 33.420 ng  
 RT: 3.705 min Scan# 10  
 Delta R.T. 0.018 min  
 Lab File: BP024299.D  
 Acq: 15 Apr 2025 18:10

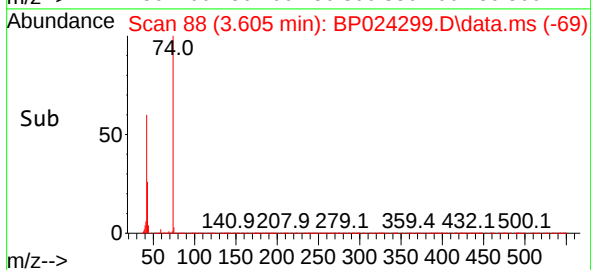
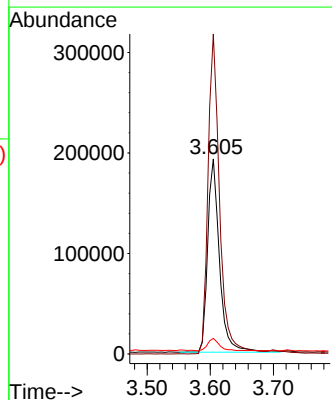
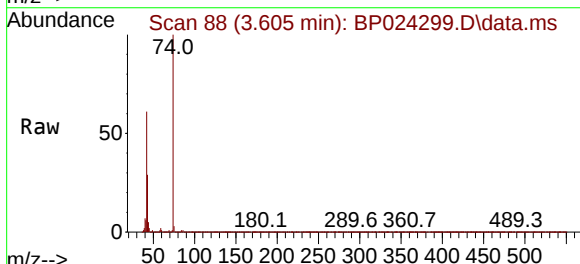
Instrument :  
 BNA\_P  
 ClientSampleId :  
 TP-1MS

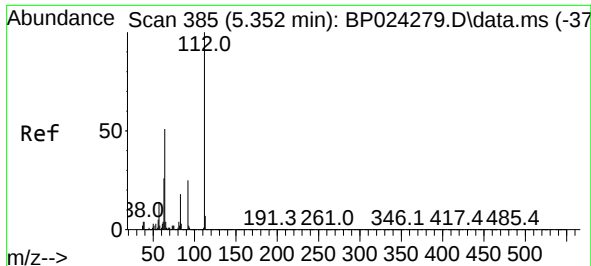
Tgt Ion: 79 Resp: 586526  
 Ion Ratio Lower Upper  
 79 100  
 52 58.0 45.4 68.2  
 51 28.5 22.6 33.8



#4  
 n-Nitrosodimethylamine  
 Concen: 43.185 ng  
 RT: 3.605 min Scan# 88  
 Delta R.T. 0.012 min  
 Lab File: BP024299.D  
 Acq: 15 Apr 2025 18:10

Tgt Ion: 42 Resp: 251532  
 Ion Ratio Lower Upper  
 42 100  
 74 164.1 139.5 209.3  
 44 7.9 5.8 8.8

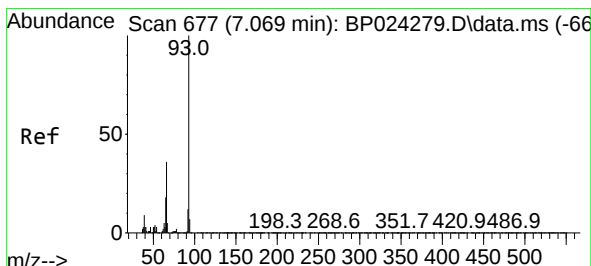
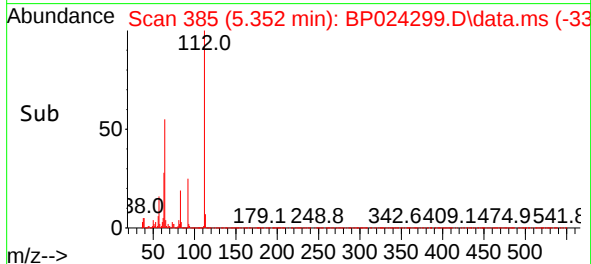
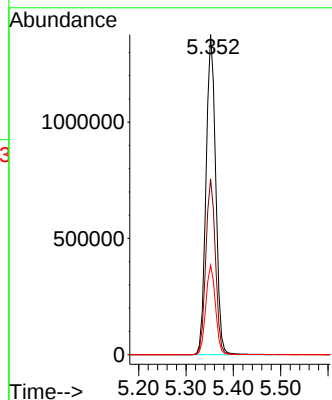
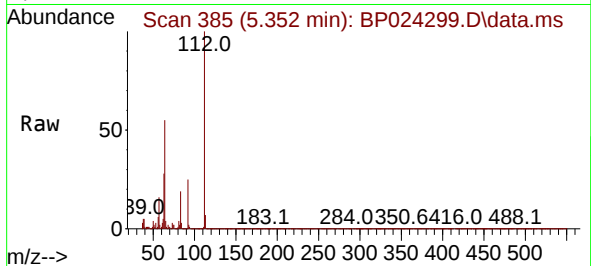




#5  
2-Fluorophenol  
Concen: 124.052 ng  
RT: 5.352 min Scan# 385  
Delta R.T. 0.000 min  
Lab File: BP024299.D  
Acq: 15 Apr 2025 18:10

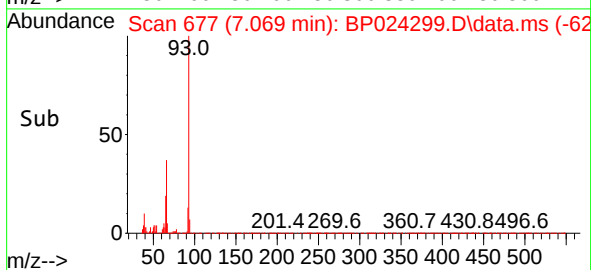
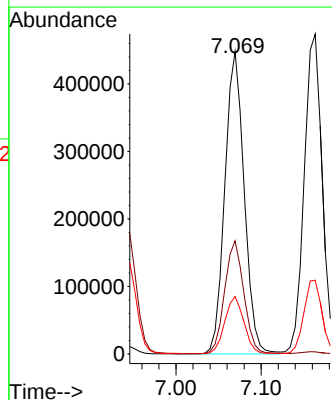
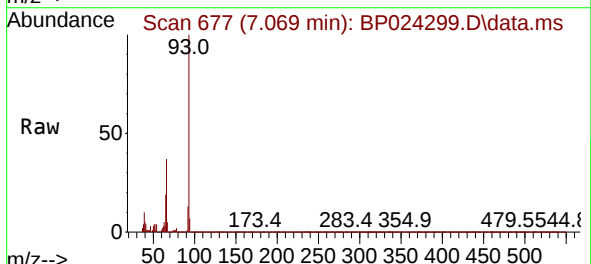
Instrument :  
BNA\_P  
ClientSampleId :  
TP-1MS

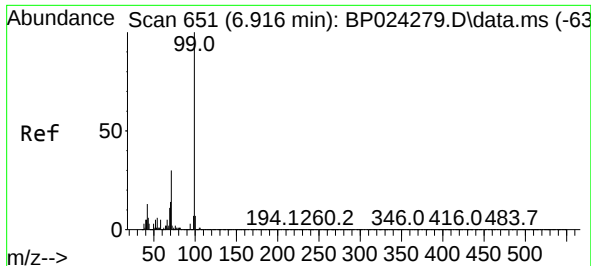
Tgt Ion:112 Resp: 1949232  
Ion Ratio Lower Upper  
112 100  
64 55.0 41.1 61.7  
63 28.0 20.6 30.8



#6  
Aniline  
Concen: 36.700 ng  
RT: 7.069 min Scan# 677  
Delta R.T. 0.000 min  
Lab File: BP024299.D  
Acq: 15 Apr 2025 18:10

Tgt Ion: 93 Resp: 705587  
Ion Ratio Lower Upper  
93 100  
66 37.4 29.1 43.7  
65 19.0 14.7 22.1

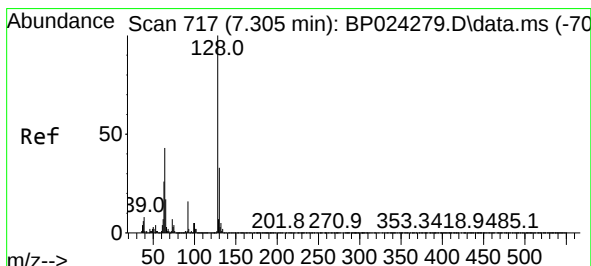
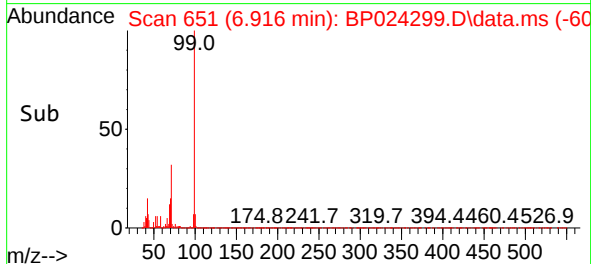
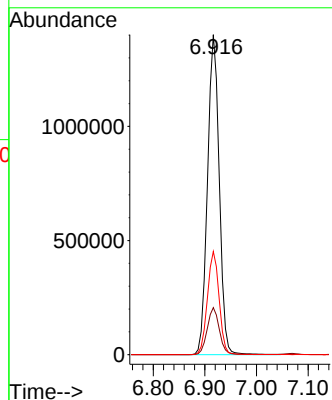
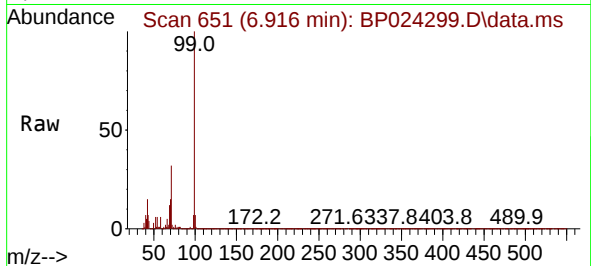




#7  
Phenol-d6  
Concen: 102.743 ng  
RT: 6.916 min Scan# 651  
Delta R.T. 0.000 min  
Lab File: BP024299.D  
Acq: 15 Apr 2025 18:10

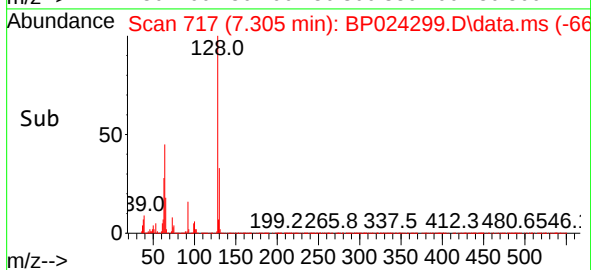
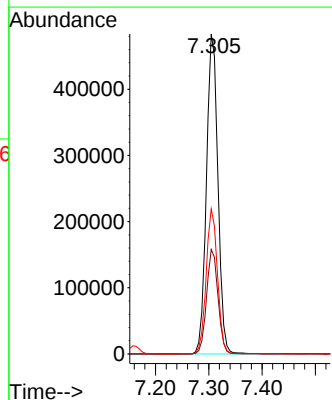
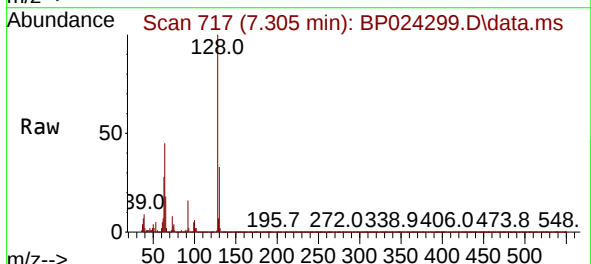
Instrument :  
BNA\_P  
ClientSampleId :  
TP-1MS

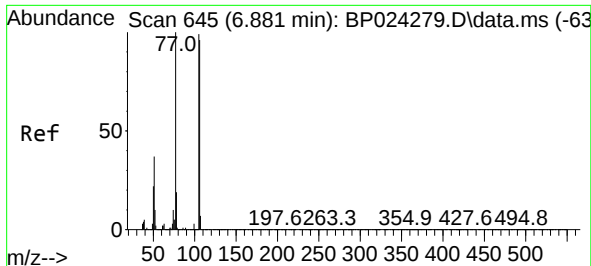
Tgt Ion: 99 Resp: 2210570  
Ion Ratio Lower Upper  
99 100  
42 14.7 10.6 16.0  
71 32.3 23.7 35.5



#8  
2-Chlorophenol  
Concen: 41.136 ng  
RT: 7.305 min Scan# 717  
Delta R.T. 0.000 min  
Lab File: BP024299.D  
Acq: 15 Apr 2025 18:10

Tgt Ion:128 Resp: 721666  
Ion Ratio Lower Upper  
128 100  
130 32.6 12.9 52.9  
64 45.4 22.7 62.7

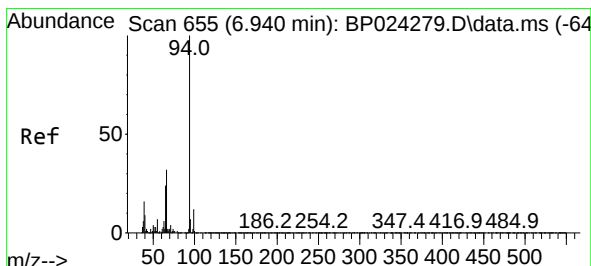
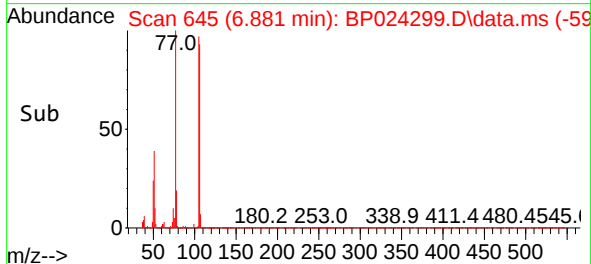
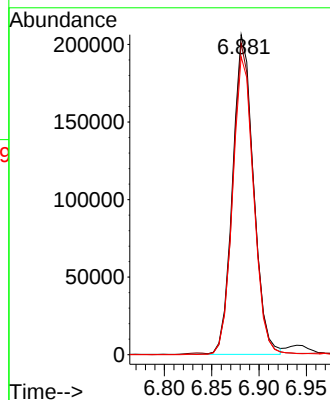
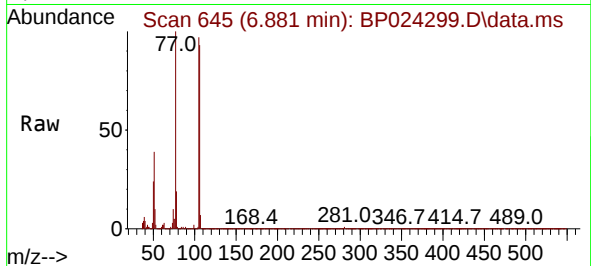




#9  
Benzaldehyde  
Concen: 29.752 ng  
RT: 6.881 min Scan# 645  
Delta R.T. 0.000 min  
Lab File: BP024299.D  
Acq: 15 Apr 2025 18:10

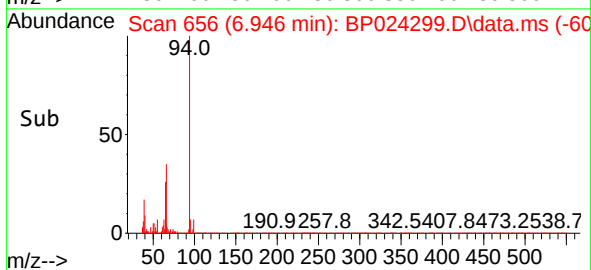
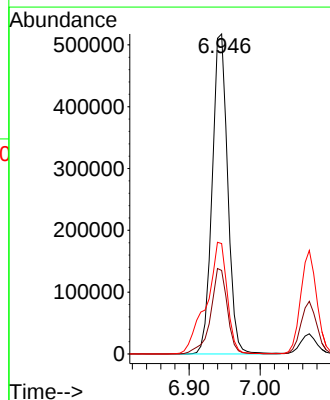
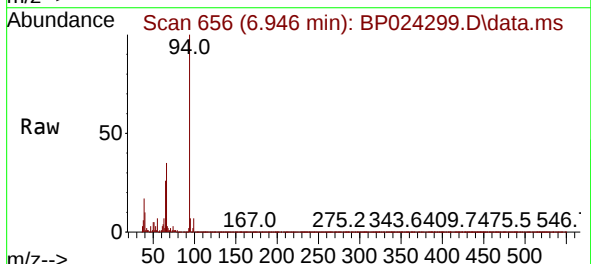
Instrument :  
BNA\_P  
ClientSampleId :  
TP-1MS

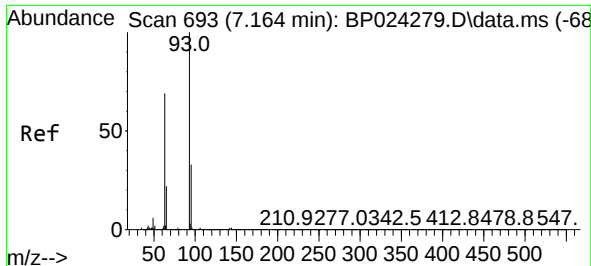
Tgt Ion: 77 Resp: 316651  
Ion Ratio Lower Upper  
77 100  
105 97.3 79.2 119.2  
106 93.1 76.2 116.2



#10  
Phenol  
Concen: 36.421 ng  
RT: 6.946 min Scan# 656  
Delta R.T. 0.000 min  
Lab File: BP024299.D  
Acq: 15 Apr 2025 18:10

Tgt Ion: 94 Resp: 786092  
Ion Ratio Lower Upper  
94 100  
65 26.1 4.5 44.5  
66 34.5 12.4 52.4

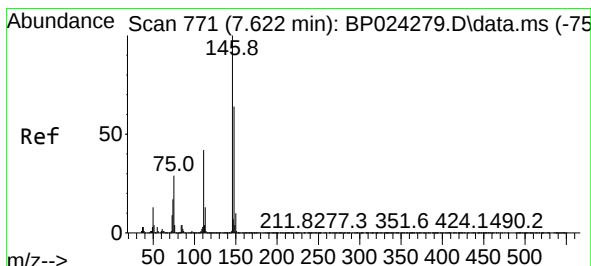
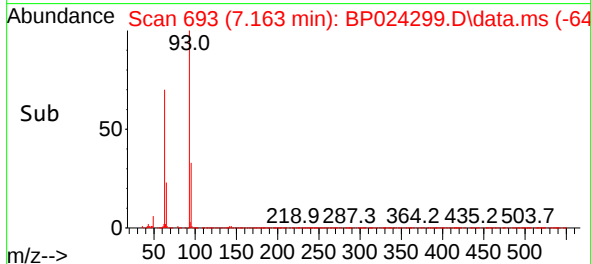
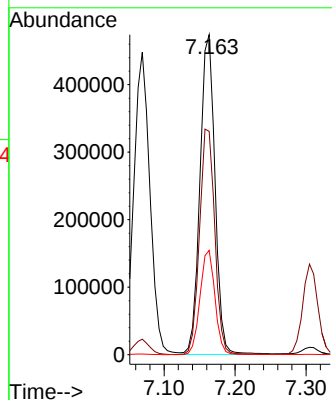
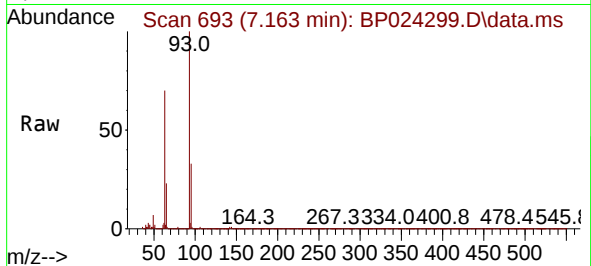




#11  
 bis(2-Chloroethyl)ether  
 Concen: 40.217 ng  
 RT: 7.163 min Scan# 693  
 Delta R.T. 0.000 min  
 Lab File: BP024299.D  
 Acq: 15 Apr 2025 18:10

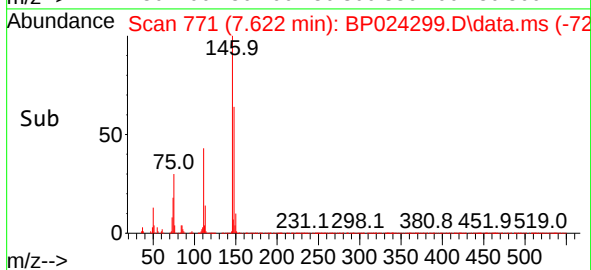
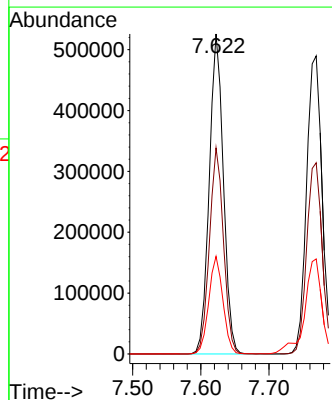
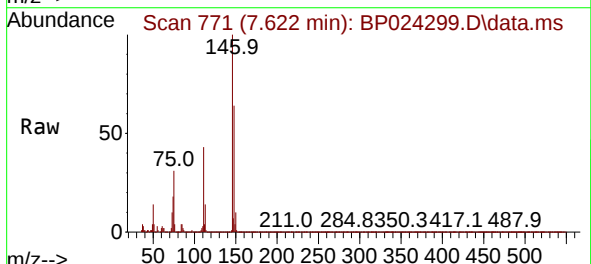
Instrument :  
 BNA\_P  
 ClientSampleId :  
 TP-1MS

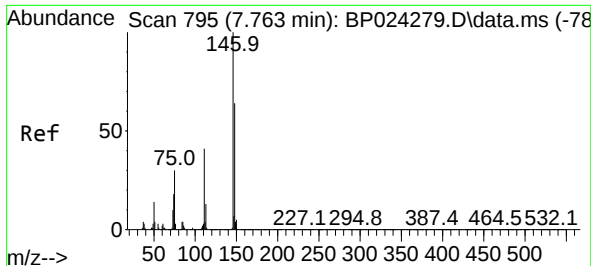
|             |              |
|-------------|--------------|
| Tgt Ion: 93 | Resp: 699361 |
| Ion Ratio   | Lower Upper  |
| 93 100      |              |
| 63 69.8     | 48.6 88.6    |
| 95 32.6     | 12.3 52.3    |



#12  
 1,3-Dichlorobenzene  
 Concen: 40.160 ng  
 RT: 7.622 min Scan# 771  
 Delta R.T. 0.000 min  
 Lab File: BP024299.D  
 Acq: 15 Apr 2025 18:10

|             |              |       |  |
|-------------|--------------|-------|--|
| Tgt Ion:146 | Resp: 758500 |       |  |
| Ion Ratio   | Lower        | Upper |  |
| 146 100     |              |       |  |
| 148 64.4    | 51.4         | 77.0  |  |
| 75 30.5     | 22.9         | 34.3  |  |

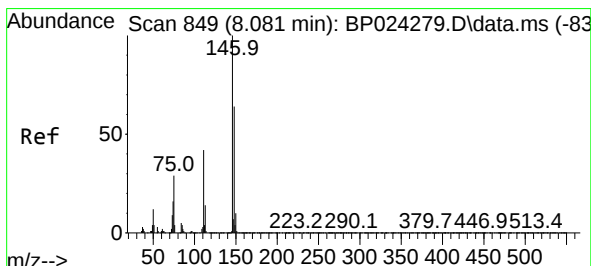
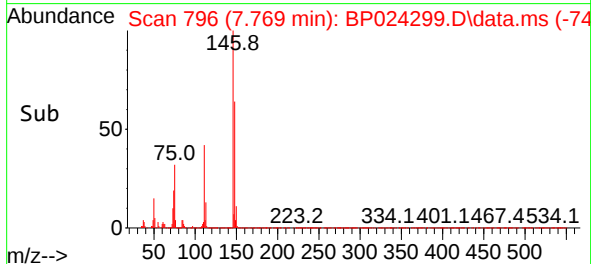
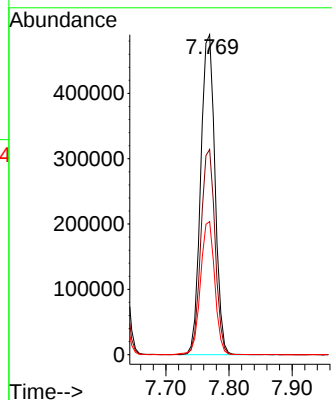
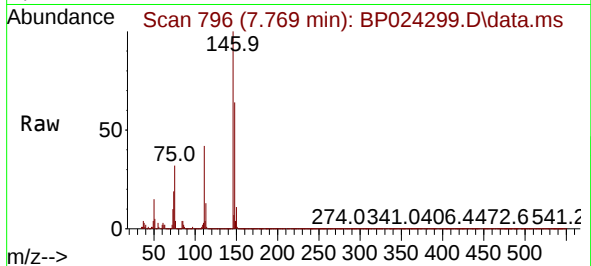




#13  
1,4-Dichlorobenzene  
Concen: 40.084 ng  
RT: 7.769 min Scan# 795  
Delta R.T. 0.006 min  
Lab File: BP024299.D  
Acq: 15 Apr 2025 18:10

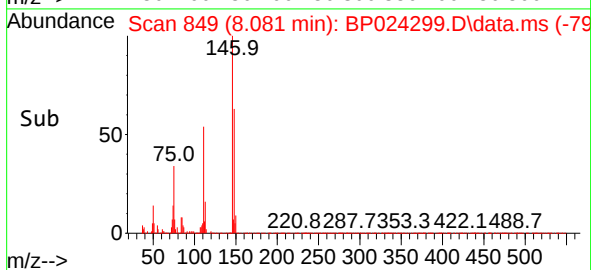
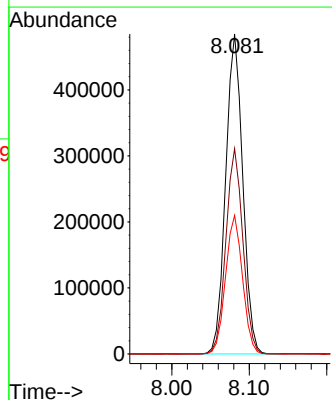
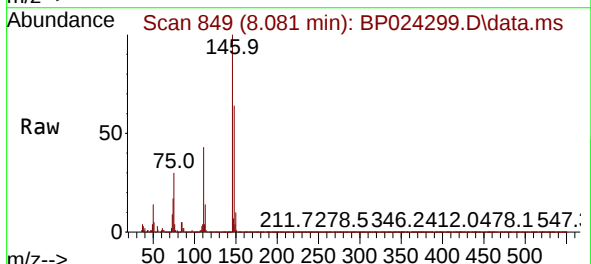
Instrument :  
BNA\_P  
ClientSampleId :  
TP-1MS

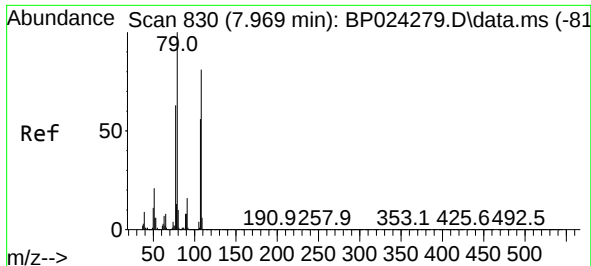
Tgt Ion:146 Resp: 768117  
Ion Ratio Lower Upper  
146 100  
148 64.1 51.1 76.7  
111 41.6 32.6 48.8



#14  
1,2-Dichlorobenzene  
Concen: 40.094 ng  
RT: 8.081 min Scan# 849  
Delta R.T. 0.006 min  
Lab File: BP024299.D  
Acq: 15 Apr 2025 18:10

Tgt Ion:146 Resp: 741903  
Ion Ratio Lower Upper  
146 100  
148 64.2 51.0 76.4  
111 43.3 33.8 50.8

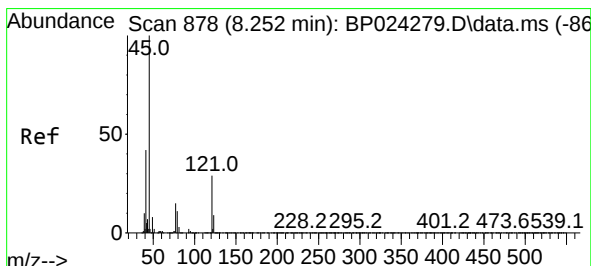
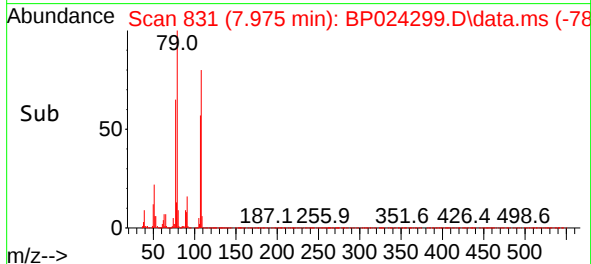
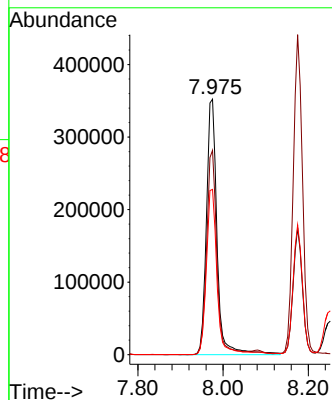
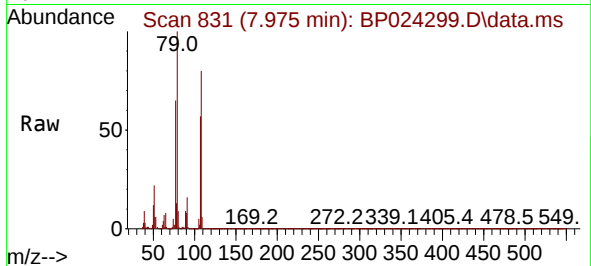




#15  
Benzyl Alcohol  
Concen: 43.763 ng  
RT: 7.975 min Scan# 81  
Delta R.T. 0.000 min  
Lab File: BP024299.D  
Acq: 15 Apr 2025 18:10

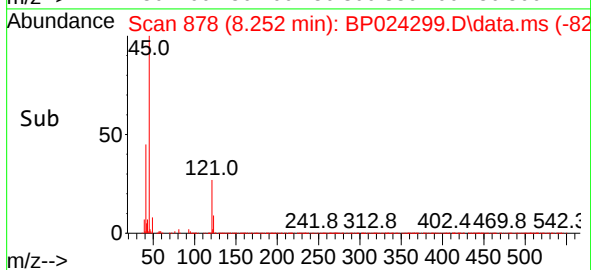
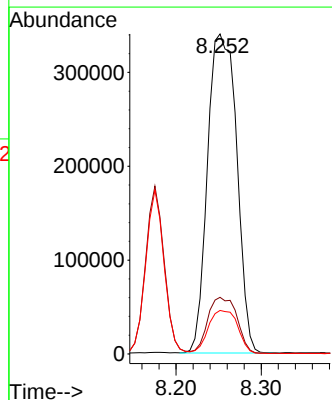
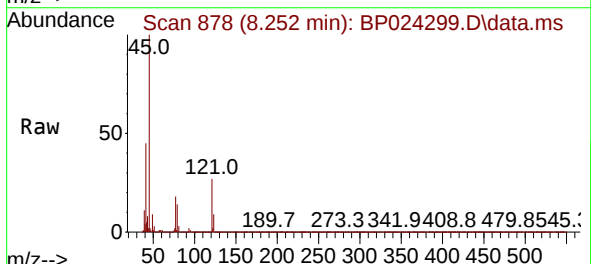
Instrument :  
BNA\_P  
ClientSampleId :  
TP-1MS

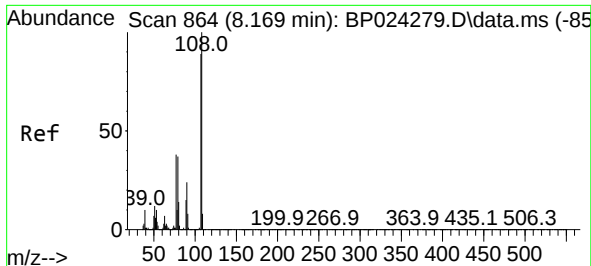
Tgt Ion: 79 Resp: 608927  
Ion Ratio Lower Upper  
79 100  
108 79.9 65.1 97.7  
77 64.7 50.7 76.1



#16  
2,2'-oxybis(1-Chloropropane)  
Concen: 42.921 ng  
RT: 8.252 min Scan# 878  
Delta R.T. -0.006 min  
Lab File: BP024299.D  
Acq: 15 Apr 2025 18:10

Tgt Ion: 45 Resp: 806776  
Ion Ratio Lower Upper  
45 100  
77 17.7 0.0 37.7  
79 13.6 0.0 33.5

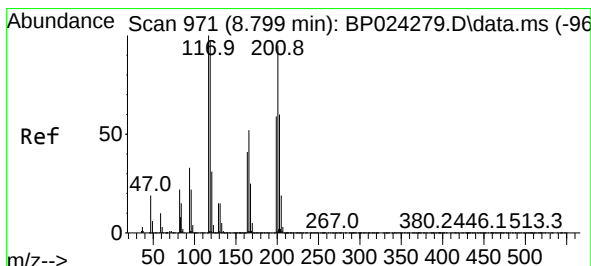
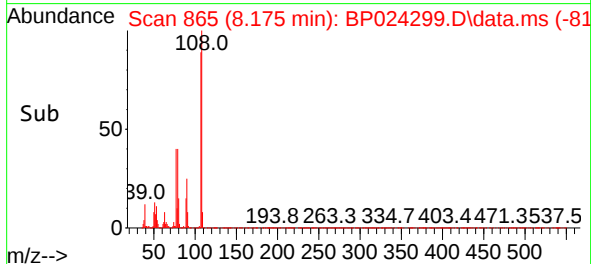
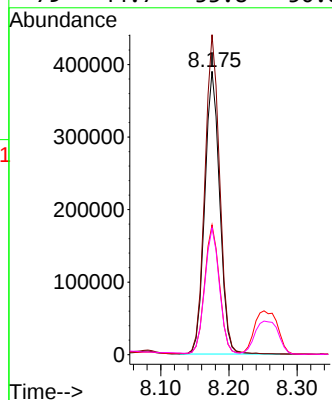
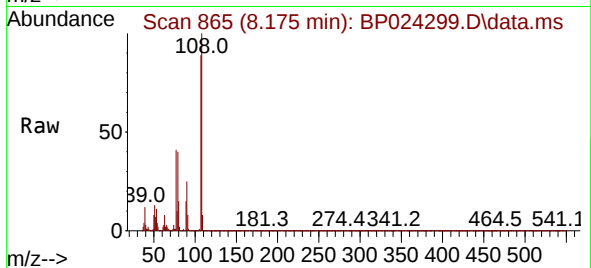




#17  
2-Methylphenol  
Concen: 42.429 ng  
RT: 8.175 min Scan# 865  
Delta R.T. 0.000 min  
Lab File: BP024299.D  
Acq: 15 Apr 2025 18:10

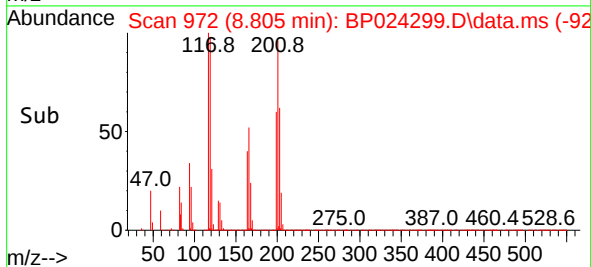
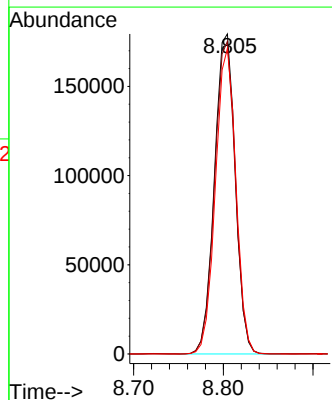
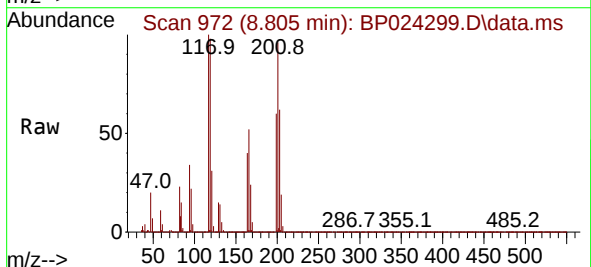
Instrument :  
BNA\_P  
ClientSampleId :  
TP-1MS

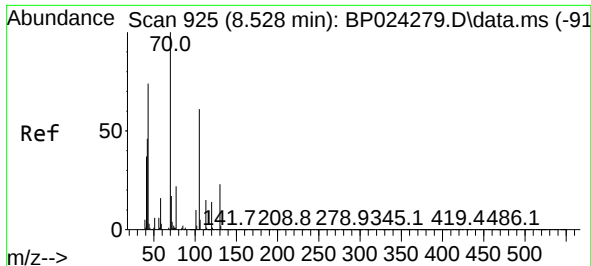
Tgt Ion:107 Resp: 592412  
Ion Ratio Lower Upper  
107 100  
108 112.9 89.8 134.6  
77 45.8 34.2 51.4  
79 44.7 33.8 50.8



#18  
Hexachloroethane  
Concen: 41.774 ng  
RT: 8.805 min Scan# 972  
Delta R.T. 0.006 min  
Lab File: BP024299.D  
Acq: 15 Apr 2025 18:10

Tgt Ion:117 Resp: 289297  
Ion Ratio Lower Upper  
117 100  
119 97.7 77.8 116.6  
201 95.5 75.9 113.9

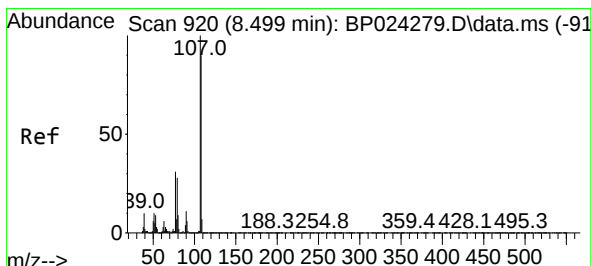
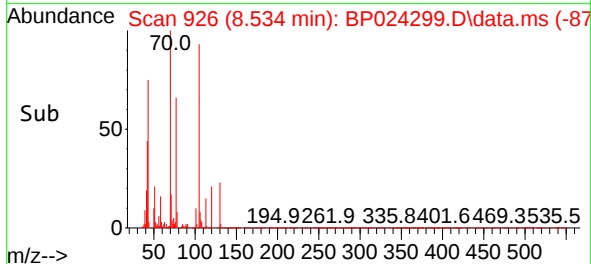
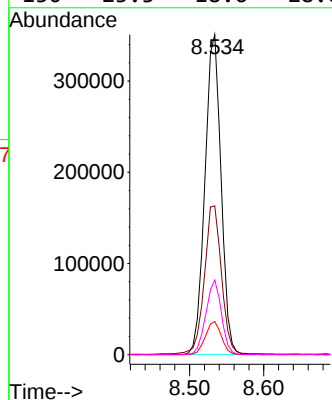
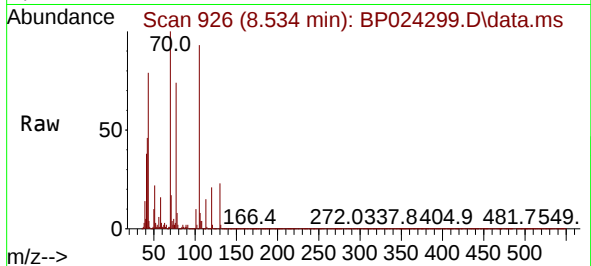




#19  
n-Nitroso-di-n-propylamine  
Concen: 39.747 ng  
RT: 8.534 min Scan# 91  
Delta R.T. 0.000 min  
Lab File: BP024299.D  
Acq: 15 Apr 2025 18:10

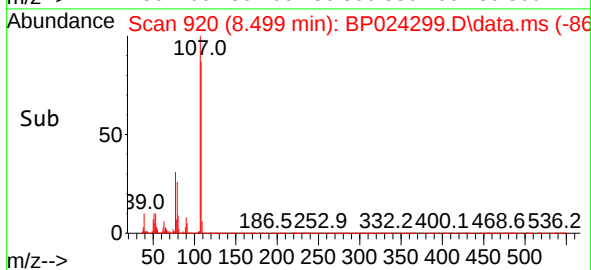
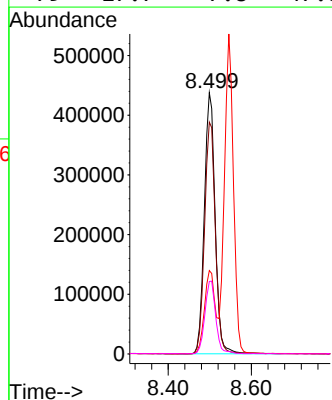
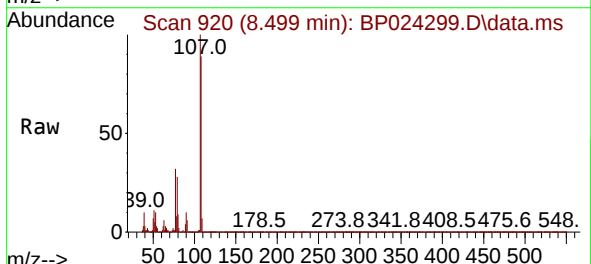
Instrument :  
BNA\_P  
ClientSampleId :  
TP-1MS

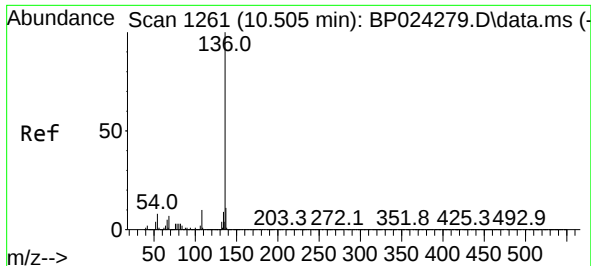
Tgt Ion: 70 Resp: 529070  
Ion Ratio Lower Upper  
70 100  
42 46.5 37.3 55.9  
101 10.3 8.2 12.4  
130 23.3 18.6 28.0



#20  
3+4-Methylphenols  
Concen: 40.744 ng  
RT: 8.499 min Scan# 920  
Delta R.T. 0.000 min  
Lab File: BP024299.D  
Acq: 15 Apr 2025 18:10

Tgt Ion: 107 Resp: 789344  
Ion Ratio Lower Upper  
107 100  
108 88.7 69.8 109.8  
77 31.9 11.5 51.5  
79 27.7 7.8 47.8

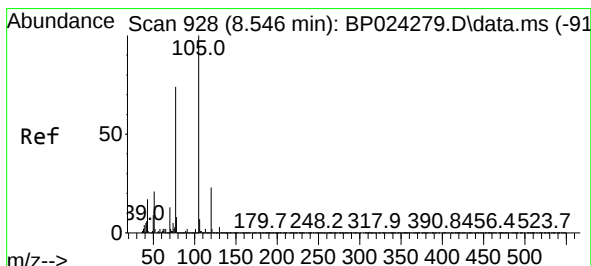
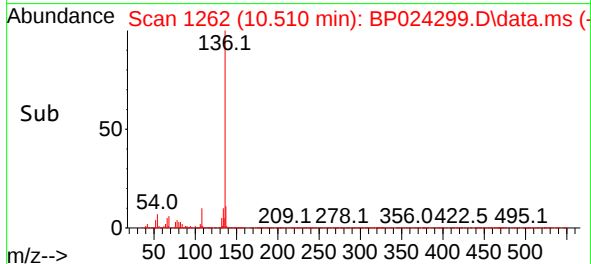
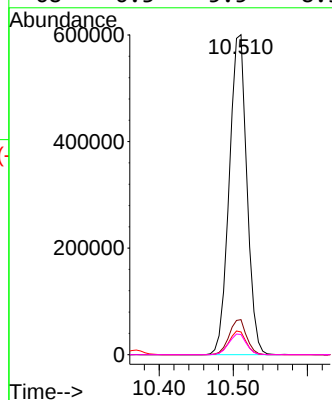
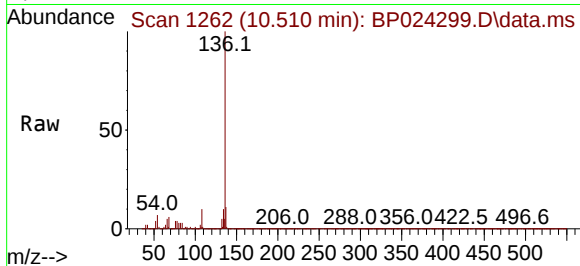




#21  
Naphthalene-d8  
Concen: 20.000 ng  
RT: 10.510 min Scan# 1261  
Delta R.T. 0.006 min  
Lab File: BP024299.D  
Acq: 15 Apr 2025 18:10

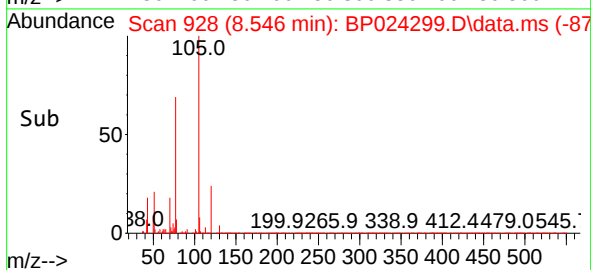
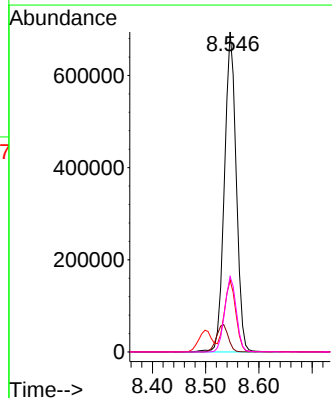
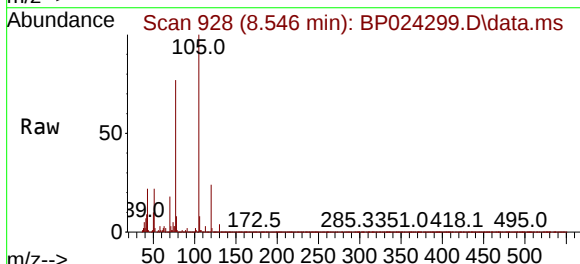
Instrument :  
BNA\_P  
ClientSampleId :  
TP-1MS

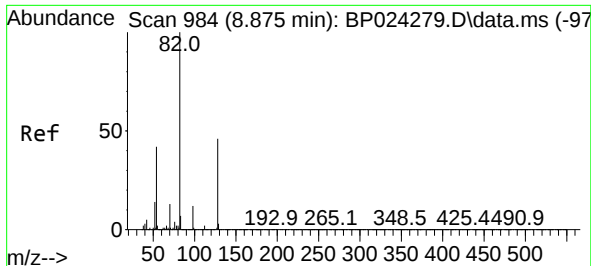
|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 136   | Resp: | 990490 |
| Ion Ratio | Lower | Upper |        |
| 136       | 100   |       |        |
| 137       | 11.0  | 9.2   | 13.8   |
| 54        | 7.1   | 6.0   | 9.0    |
| 68        | 6.3   | 5.5   | 8.3    |



#22  
Acetophenone  
Concen: 43.483 ng  
RT: 8.546 min Scan# 928  
Delta R.T. 0.000 min  
Lab File: BP024299.D  
Acq: 15 Apr 2025 18:10

|           |       |       |         |
|-----------|-------|-------|---------|
| Tgt Ion:  | 105   | Resp: | 1066007 |
| Ion Ratio | Lower | Upper |         |
| 105       | 100   |       |         |
| 71        | 3.0   | 1.7   | 2.5     |
| 51        | 22.4  | 16.9  | 25.3    |
| 120       | 23.5  | 18.6  | 28.0    |

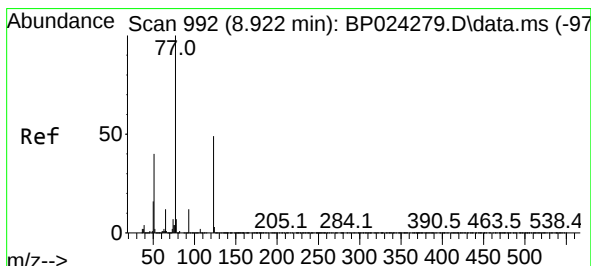
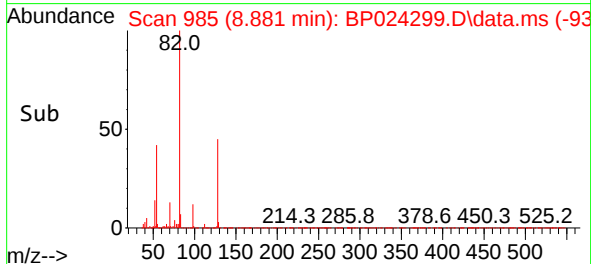
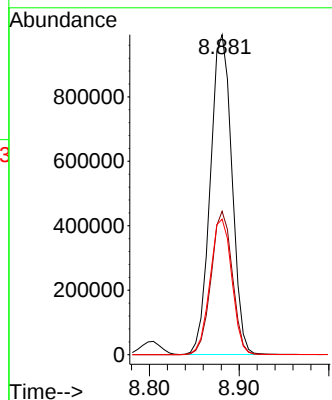
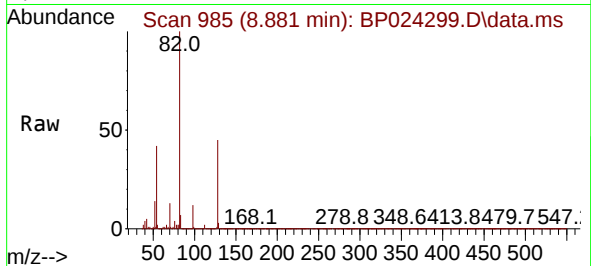




#23  
Nitrobenzene-d5  
Concen: 95.391 ng  
RT: 8.881 min Scan# 985  
Delta R.T. 0.000 min  
Lab File: BP024299.D  
Acq: 15 Apr 2025 18:10

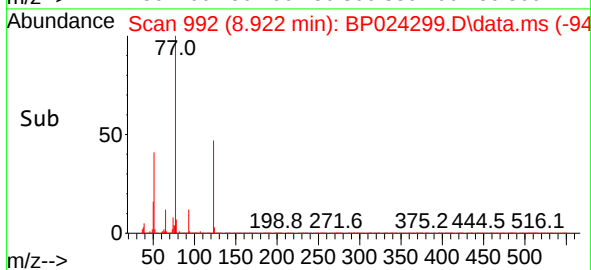
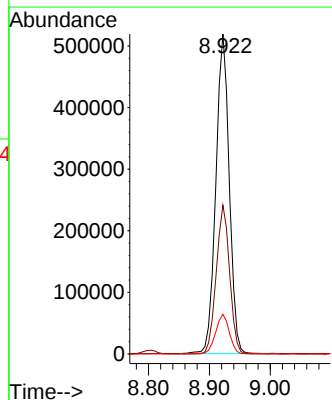
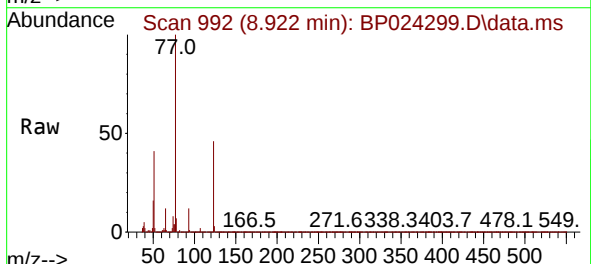
Instrument :  
BNA\_P  
ClientSampleId :  
TP-1MS

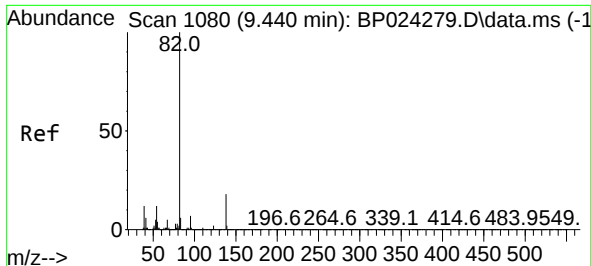
Tgt Ion: 82 Resp: 1656996  
Ion Ratio Lower Upper  
82 100  
128 44.8 36.5 54.7  
54 42.4 33.4 50.2



#24  
Nitrobenzene  
Concen: 46.246 ng  
RT: 8.922 min Scan# 992  
Delta R.T. 0.000 min  
Lab File: BP024299.D  
Acq: 15 Apr 2025 18:10

Tgt Ion: 77 Resp: 794679  
Ion Ratio Lower Upper  
77 100  
123 46.5 39.2 58.8  
65 12.4 9.8 14.6

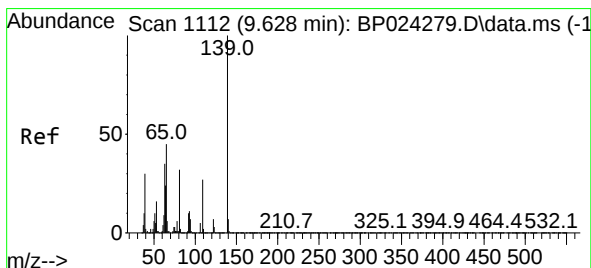
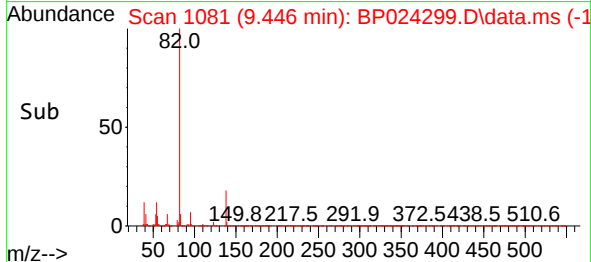
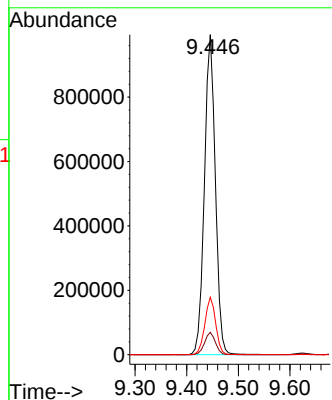
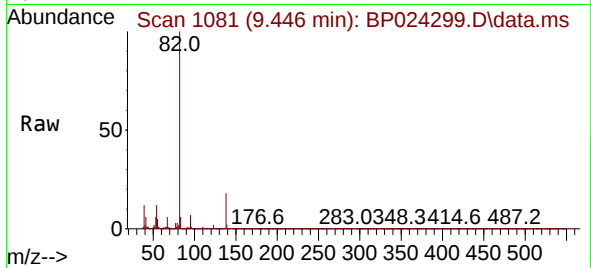




#25  
Isophorone  
Concen: 46.367 ng  
RT: 9.446 min Scan# 1080  
Delta R.T. 0.000 min  
Lab File: BP024299.D  
Acq: 15 Apr 2025 18:10

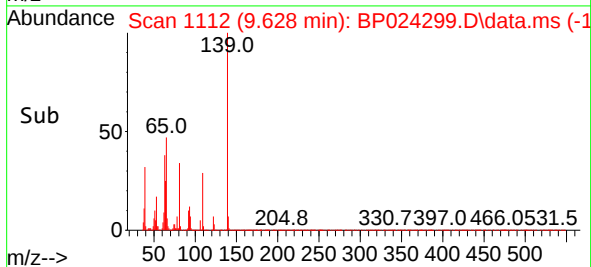
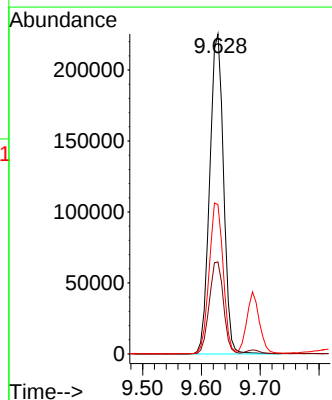
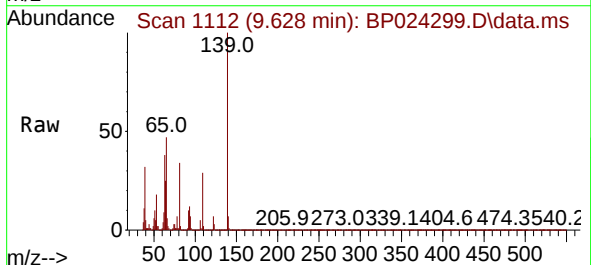
Instrument :  
BNA\_P  
ClientSampleId :  
TP-1MS

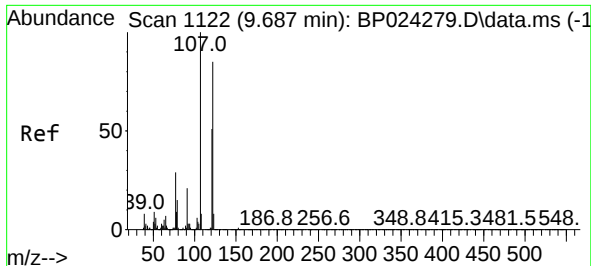
Tgt Ion: 82 Resp: 1457863  
Ion Ratio Lower Upper  
82 100  
95 7.0 5.4 8.2  
138 18.0 14.4 21.6



#26  
2-Nitrophenol  
Concen: 43.857 ng  
RT: 9.628 min Scan# 1112  
Delta R.T. 0.000 min  
Lab File: BP024299.D  
Acq: 15 Apr 2025 18:10

Tgt Ion: 139 Resp: 368809  
Ion Ratio Lower Upper  
139 100  
109 28.7 21.8 32.6  
65 46.7 36.2 54.2

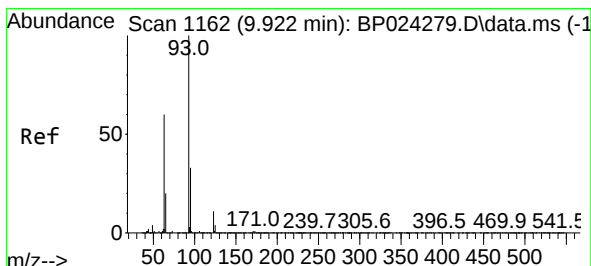
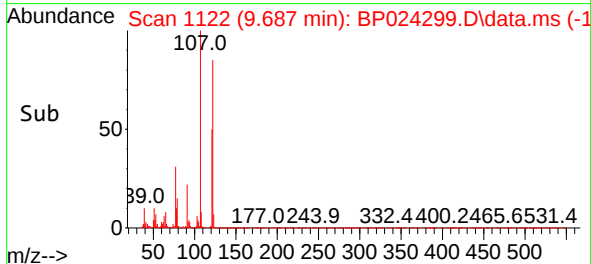
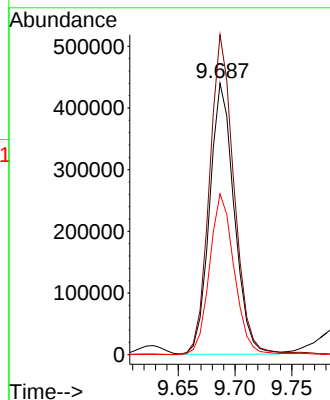
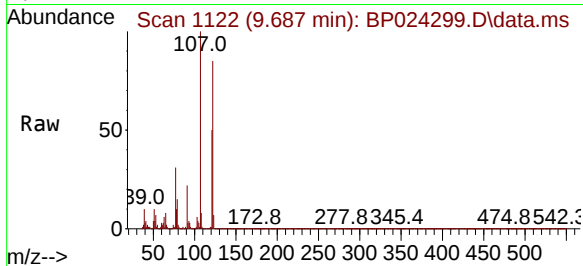




#27  
2,4-Dimethylphenol  
Concen: 62.710 ng  
RT: 9.687 min Scan# 1122  
Delta R.T. -0.006 min  
Lab File: BP024299.D  
Acq: 15 Apr 2025 18:10

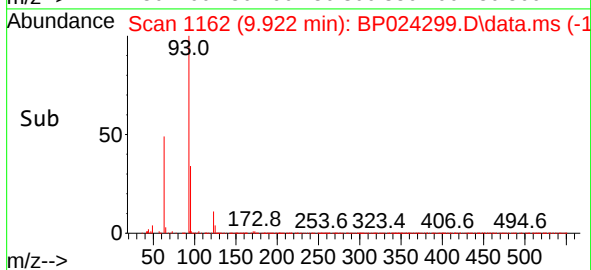
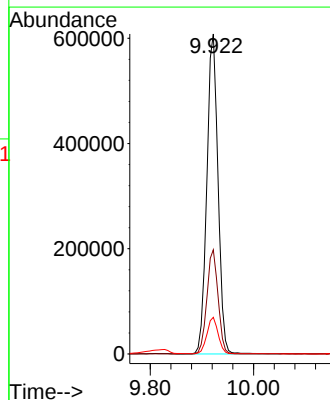
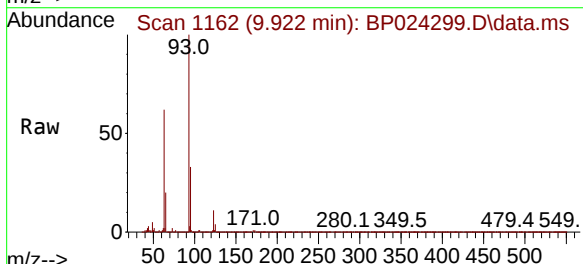
Instrument :  
BNA\_P  
ClientSampleId :  
TP-1MS

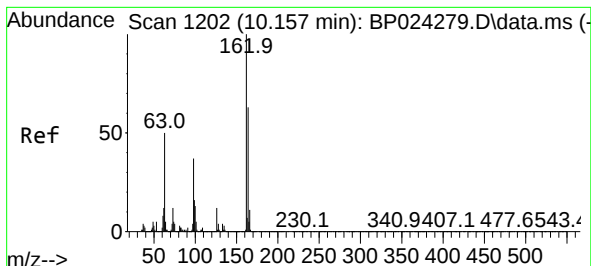
Tgt Ion:122 Resp: 662153  
Ion Ratio Lower Upper  
122 100  
107 117.9 93.7 140.5  
121 59.2 48.2 72.2



#28  
bis(2-Chloroethoxy)methane  
Concen: 42.907 ng  
RT: 9.922 min Scan# 1162  
Delta R.T. 0.000 min  
Lab File: BP024299.D  
Acq: 15 Apr 2025 18:10

Tgt Ion: 93 Resp: 911362  
Ion Ratio Lower Upper  
93 100  
95 32.6 26.0 39.0  
123 11.4 9.1 13.7





#29

2,4-Dichlorophenol

Concen: 43.231 ng

RT: 10.163 min Scan# 1202

Delta R.T. 0.006 min

Lab File: BP024299.D

Acq: 15 Apr 2025 18:10

Instrument :

BNA\_P

ClientSampleId :

TP-1MS

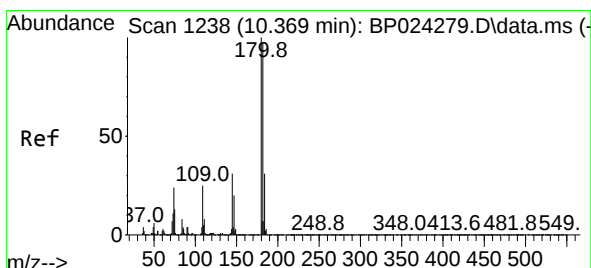
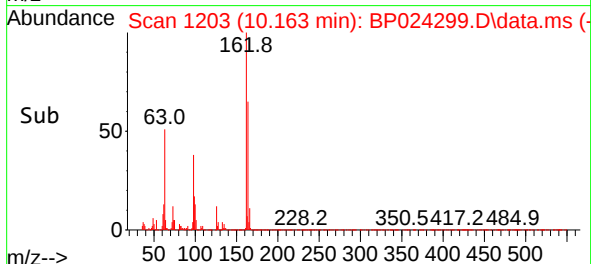
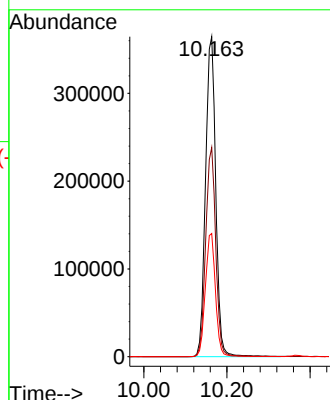
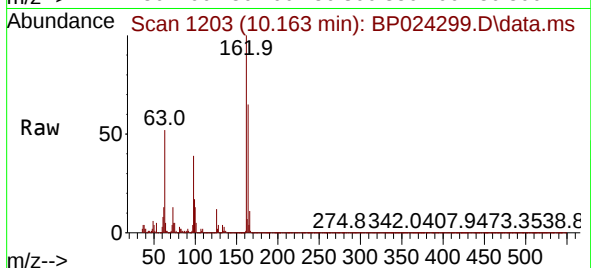
Tgt Ion:162 Resp: 622401

Ion Ratio Lower Upper

162 100

164 65.4 43.3 83.3

98 38.5 16.6 56.6



#30

1,2,4-Trichlorobenzene

Concen: 43.166 ng

RT: 10.369 min Scan# 1238

Delta R.T. 0.000 min

Lab File: BP024299.D

Acq: 15 Apr 2025 18:10

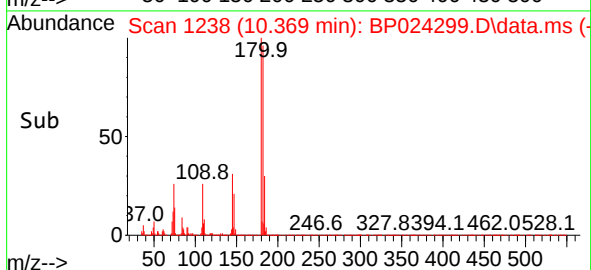
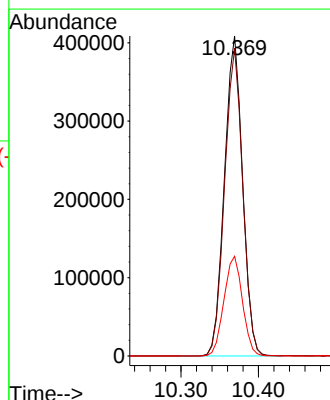
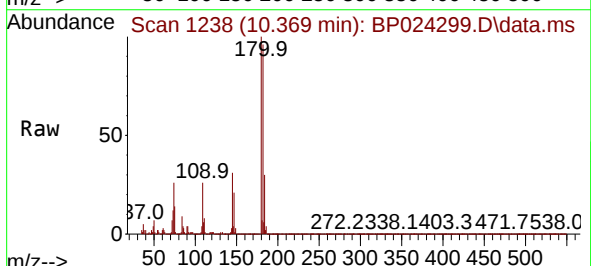
Tgt Ion:180 Resp: 665853

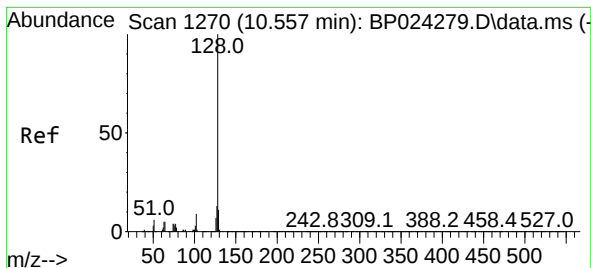
Ion Ratio Lower Upper

180 100

182 96.1 77.3 115.9

145 31.2 25.1 37.7





#31

Naphthalene

Concen: 41.250 ng

RT: 10.557 min Scan# 1127

Delta R.T. 0.000 min

Lab File: BP024299.D

Acq: 15 Apr 2025 18:10

Instrument :

BNA\_P

ClientSampleId :

TP-1MS

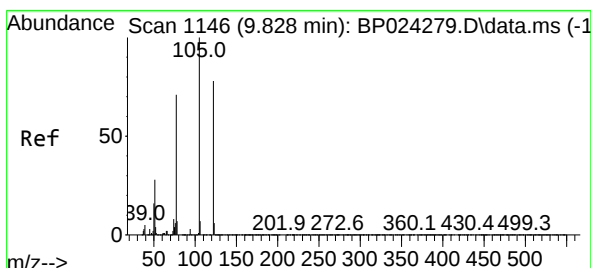
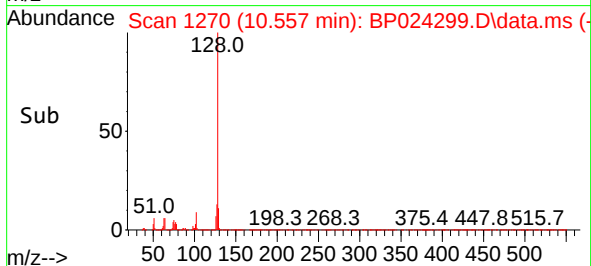
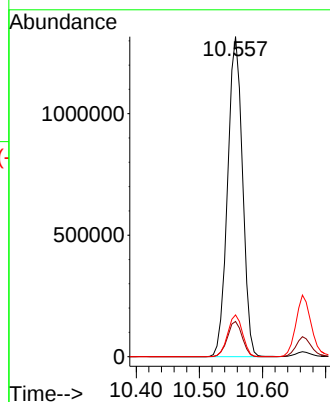
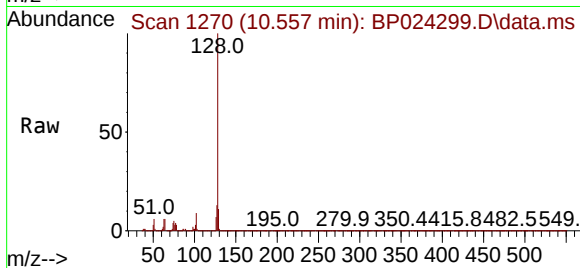
Tgt Ion:128 Resp: 2152241

Ion Ratio Lower Upper

128 100

129 11.0 8.6 13.0

127 13.0 10.3 15.5



#32

Benzoic acid

Concen: 26.390 ng

RT: 9.828 min Scan# 1146

Delta R.T. -0.047 min

Lab File: BP024299.D

Acq: 15 Apr 2025 18:10

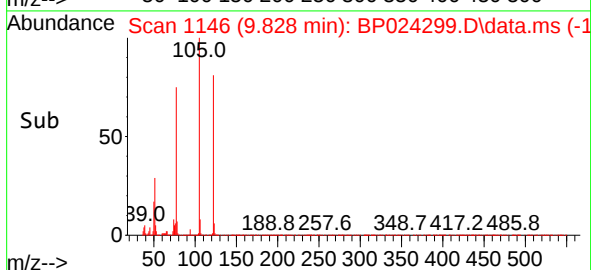
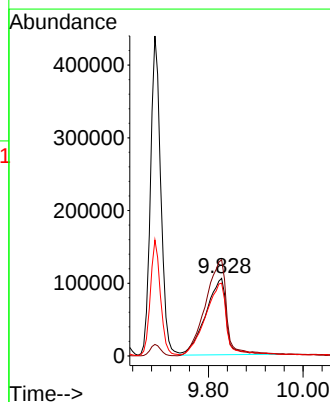
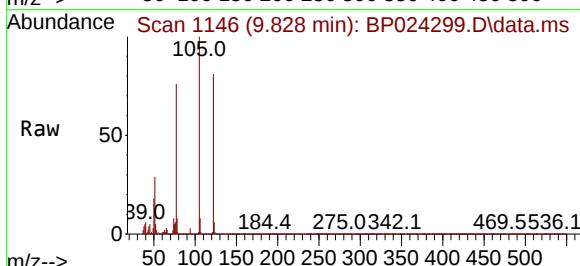
Tgt Ion:122 Resp: 324690

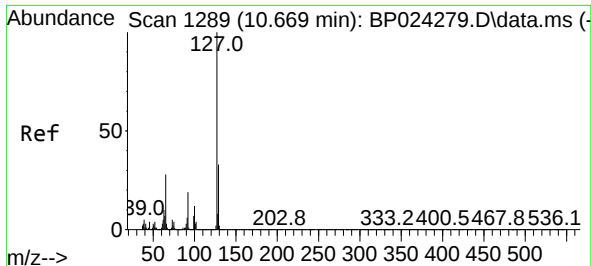
Ion Ratio Lower Upper

122 100

105 123.8 104.8 144.8

77 93.7 69.2 109.2

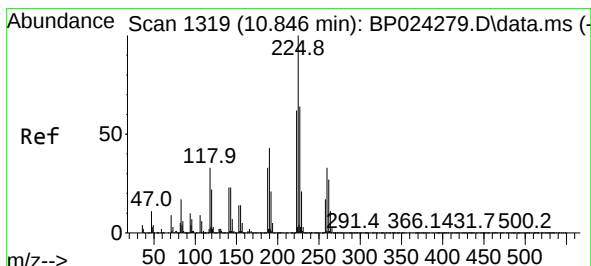
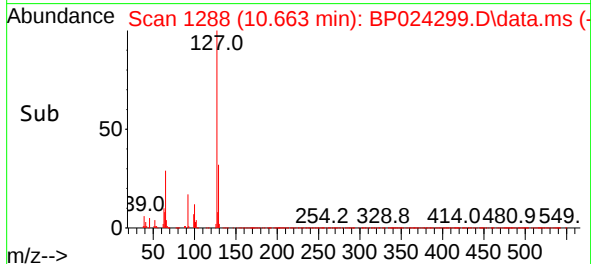
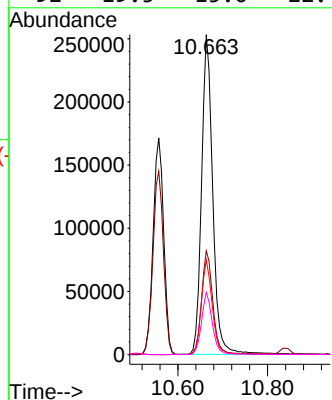
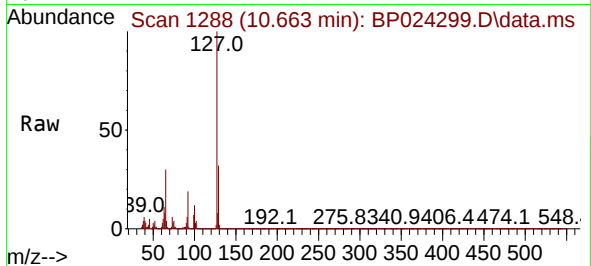




#33  
4-Chloroaniline  
Concen: 23.877 ng  
RT: 10.663 min Scan# 1289  
Delta R.T. -0.006 min  
Lab File: BP024299.D  
Acq: 15 Apr 2025 18:10

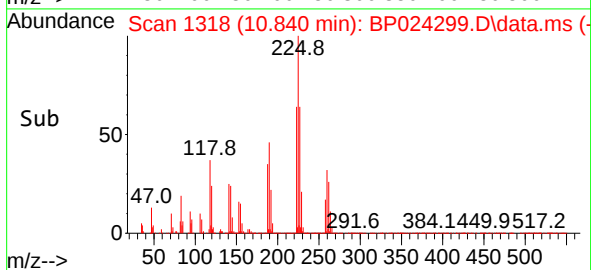
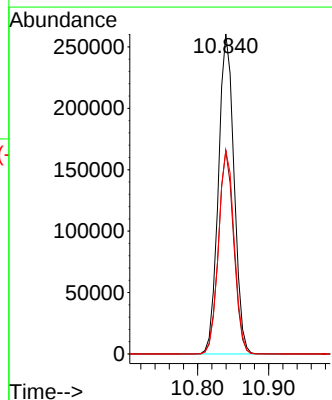
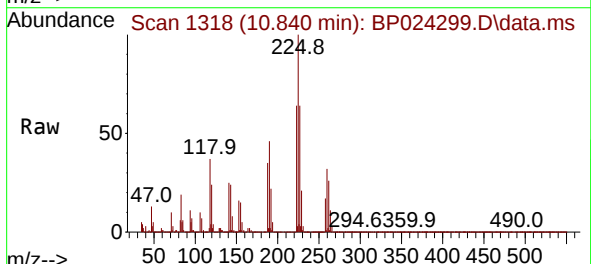
Instrument :  
BNA\_P  
ClientSampleId :  
TP-1MS

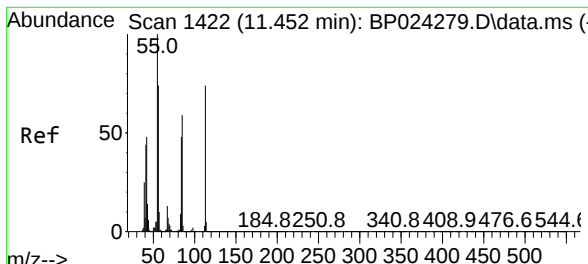
|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 127   | Resp: | 438717 |
| Ion      | Ratio | Lower | Upper  |
| 127      | 100   |       |        |
| 129      | 32.5  | 26.1  | 39.1   |
| 65       | 29.6  | 22.1  | 33.1   |
| 92       | 19.5  | 15.0  | 22.4   |



#34  
Hexachlorobutadiene  
Concen: 43.720 ng  
RT: 10.840 min Scan# 1318  
Delta R.T. 0.000 min  
Lab File: BP024299.D  
Acq: 15 Apr 2025 18:10

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 225   | Resp: | 396300 |
| Ion      | Ratio | Lower | Upper  |
| 225      | 100   |       |        |
| 223      | 63.6  | 49.5  | 74.3   |
| 227      | 63.5  | 50.9  | 76.3   |

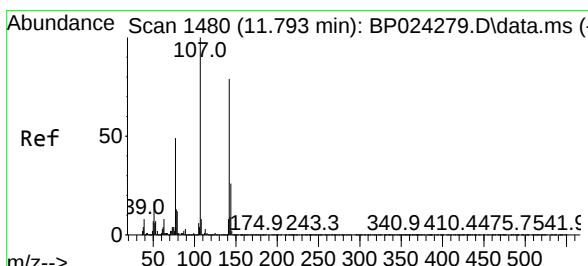
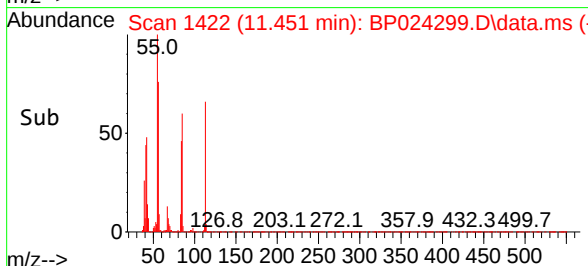
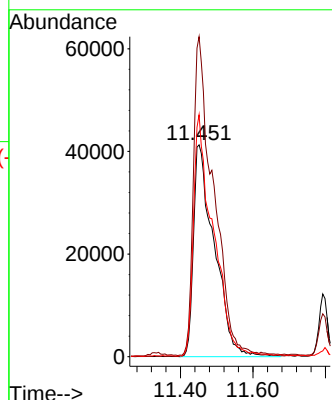
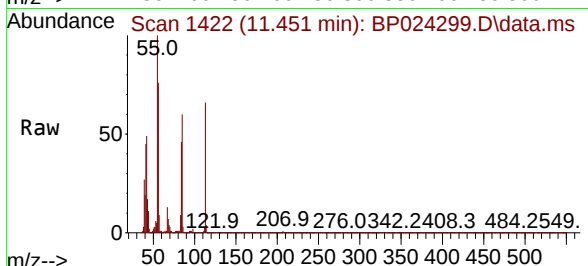




#35  
Caprolactam  
Concen: 30.824 ng  
RT: 11.451 min Scan# 1422  
Delta R.T. -0.029 min  
Lab File: BP024299.D  
Acq: 15 Apr 2025 18:10

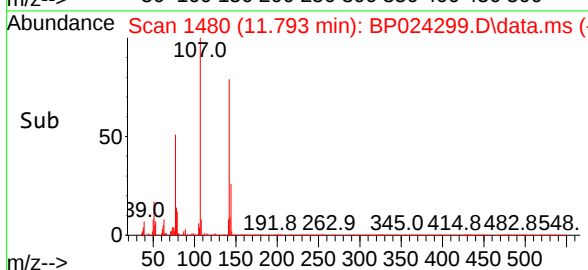
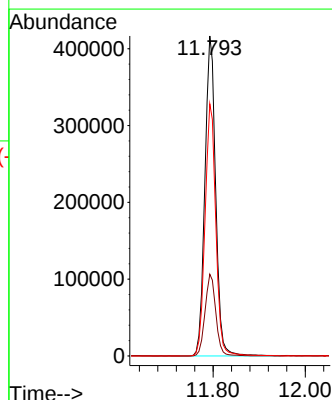
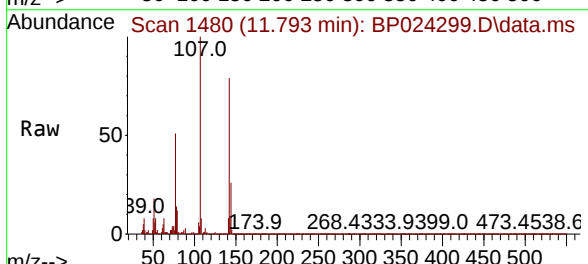
Instrument :  
BNA\_P  
ClientSampleId :  
TP-1MS

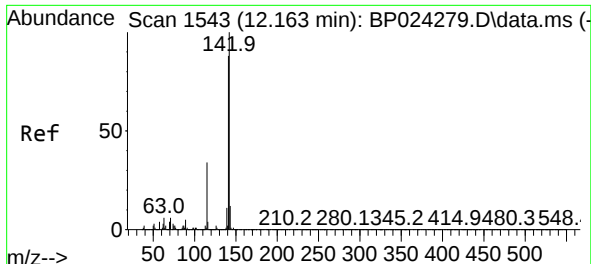
Tgt Ion:113 Resp: 163748  
Ion Ratio Lower Upper  
113 100  
55 151.0 115.9 155.9  
56 114.2 81.1 121.1



#36  
4-Chloro-3-methylphenol  
Concen: 40.588 ng  
RT: 11.793 min Scan# 1480  
Delta R.T. -0.012 min  
Lab File: BP024299.D  
Acq: 15 Apr 2025 18:10

Tgt Ion:107 Resp: 680639  
Ion Ratio Lower Upper  
107 100  
144 25.6 20.5 30.7  
142 78.8 63.4 95.2

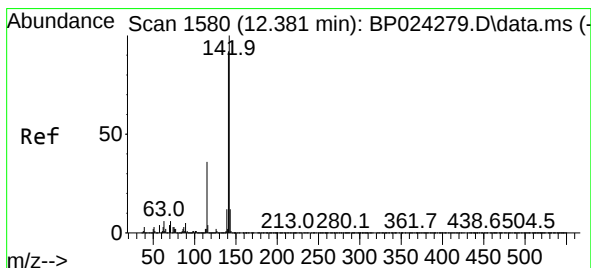
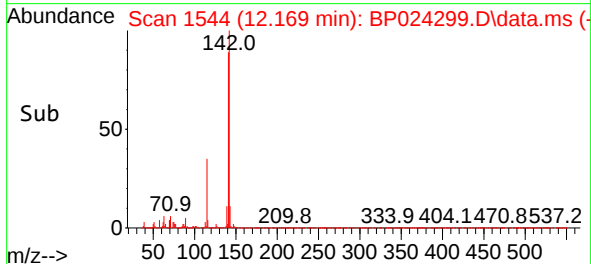
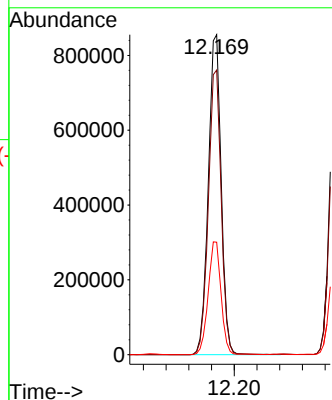
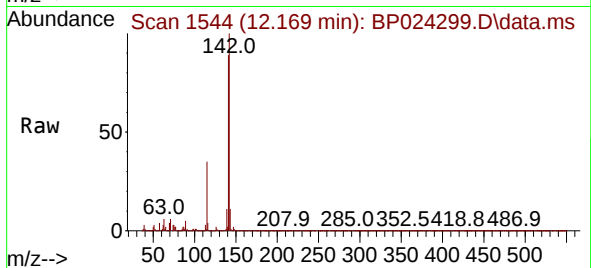




#37  
2-Methylnaphthalene  
Concen: 36.921 ng  
RT: 12.169 min Scan# 1543  
Delta R.T. 0.000 min  
Lab File: BP024299.D  
Acq: 15 Apr 2025 18:10

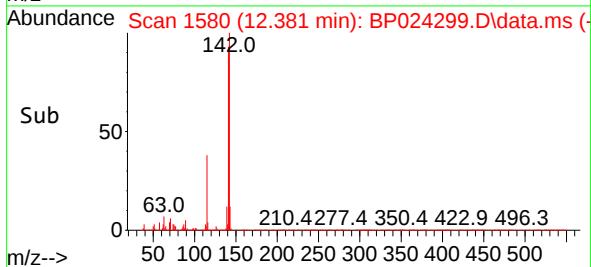
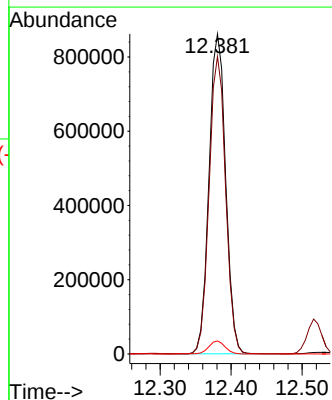
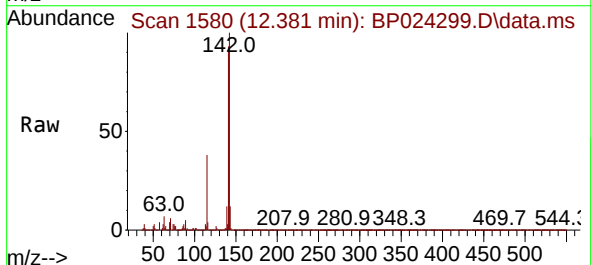
Instrument :  
BNA\_P  
ClientSampleId :  
TP-1MS

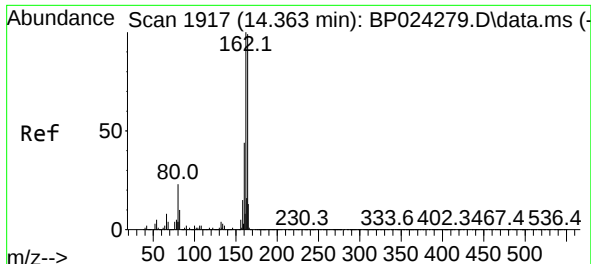
Tgt Ion:142 Resp: 1335986  
Ion Ratio Lower Upper  
142 100  
141 89.0 70.3 105.5  
115 35.2 26.9 40.3



#38  
1-Methylnaphthalene  
Concen: 39.601 ng  
RT: 12.381 min Scan# 1580  
Delta R.T. -0.012 min  
Lab File: BP024299.D  
Acq: 15 Apr 2025 18:10

Tgt Ion:142 Resp: 1401811  
Ion Ratio Lower Upper  
142 100  
141 92.9 73.6 110.4  
116 4.0 3.0 4.6

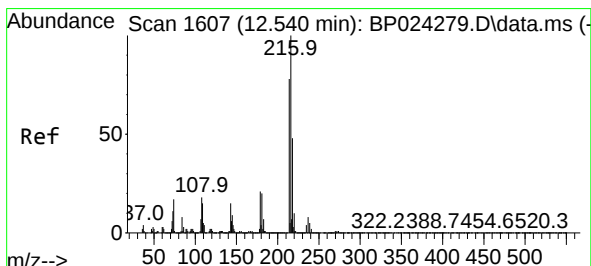
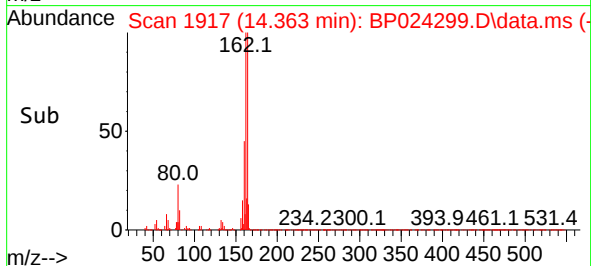
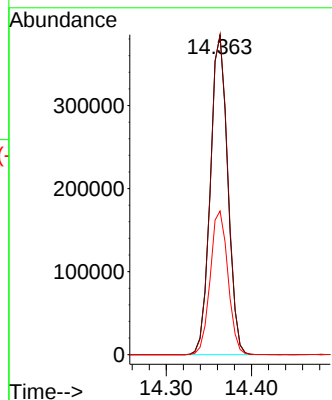
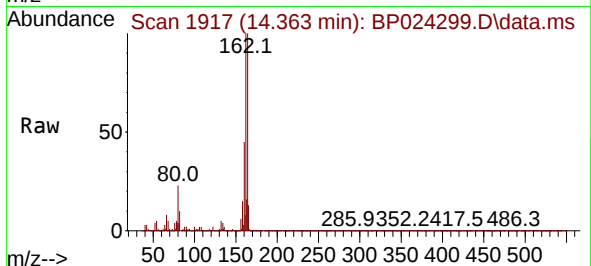




#39  
Acenaphthene-d10  
Concen: 20.000 ng  
RT: 14.363 min Scan# 1917  
Delta R.T. -0.006 min  
Lab File: BP024299.D  
Acq: 15 Apr 2025 18:10

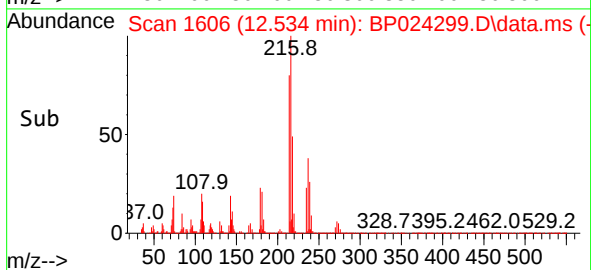
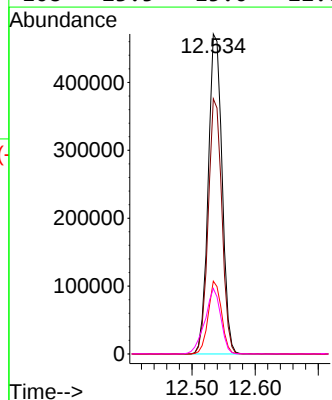
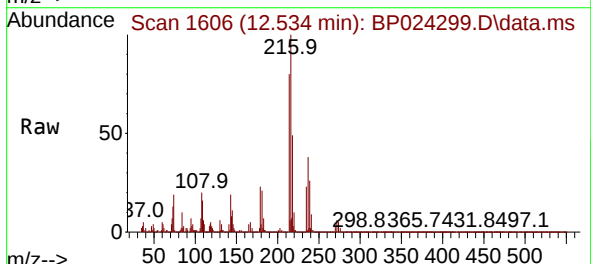
Instrument :  
BNA\_P  
ClientSampleId :  
TP-1MS

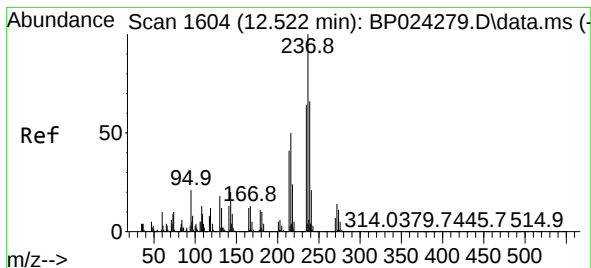
Tgt Ion:164 Resp: 544881  
Ion Ratio Lower Upper  
164 100  
162 100.2 80.6 120.8  
160 45.0 35.3 52.9



#40  
1,2,4,5-Tetrachlorobenzene  
Concen: 47.841 ng  
RT: 12.534 min Scan# 1606  
Delta R.T. -0.012 min  
Lab File: BP024299.D  
Acq: 15 Apr 2025 18:10

Tgt Ion:216 Resp: 716863  
Ion Ratio Lower Upper  
216 100  
214 78.8 62.6 93.8  
179 22.0 17.2 25.8  
108 23.5 15.0 22.6#

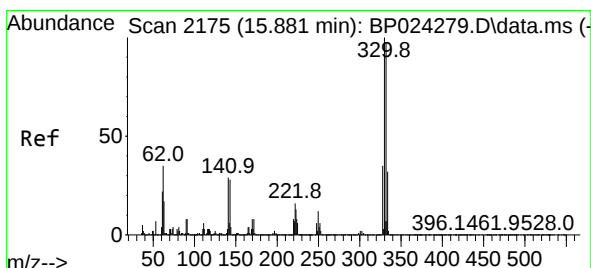
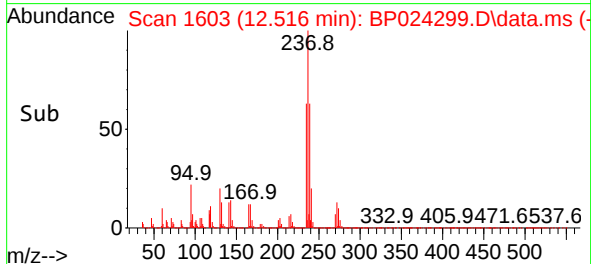
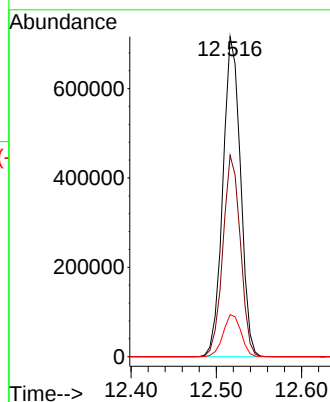
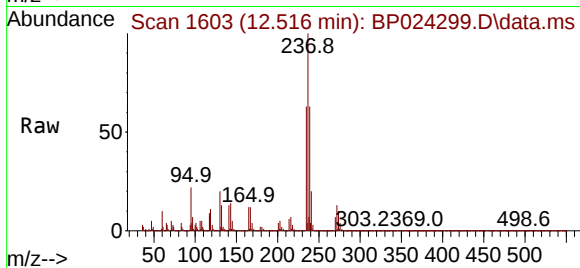




#41  
Hexachlorocyclopentadiene  
Concen: 194.146 ng  
RT: 12.516 min Scan# 1  
Delta R.T. -0.012 min  
Lab File: BP024299.D  
Acq: 15 Apr 2025 18:10

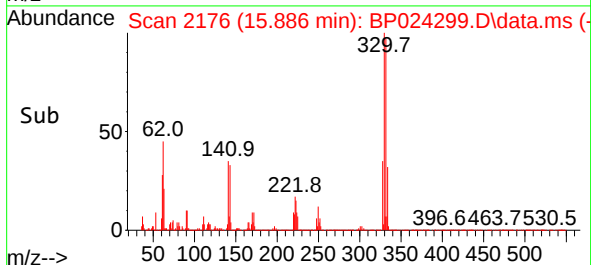
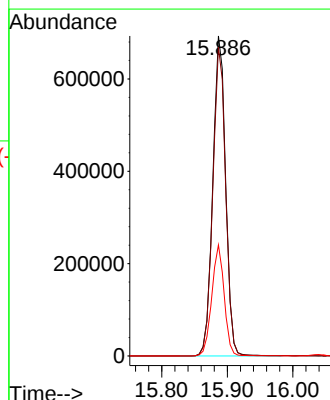
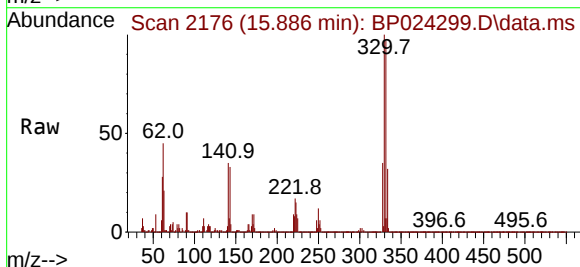
Instrument :  
BNA\_P  
ClientSampleId :  
TP-1MS

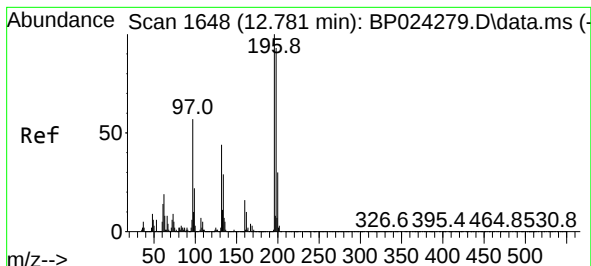
Tgt Ion:237 Resp: 1028887  
Ion Ratio Lower Upper  
237 100  
235 62.9 43.9 83.9  
272 13.1 0.0 33.6



#42  
2,4,6-Tribromophenol  
Concen: 124.932 ng  
RT: 15.886 min Scan# 2176  
Delta R.T. -0.006 min  
Lab File: BP024299.D  
Acq: 15 Apr 2025 18:10

Tgt Ion:330 Resp: 941827  
Ion Ratio Lower Upper  
330 100  
332 96.5 77.1 115.7  
141 33.6 24.7 37.1





#43

2,4,6-Trichlorophenol

Concen: 47.045 ng

RT: 12.781 min Scan# 1

Delta R.T. -0.006 min

Lab File: BP024299.D

Acq: 15 Apr 2025 18:10

Instrument :

BNA\_P

ClientSampleId :

TP-1MS

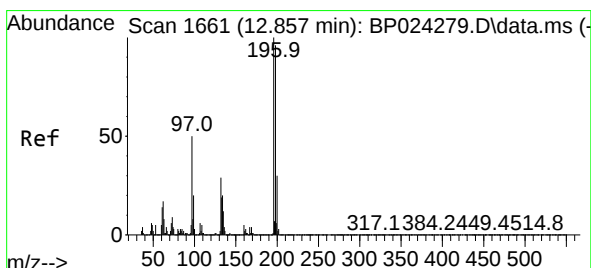
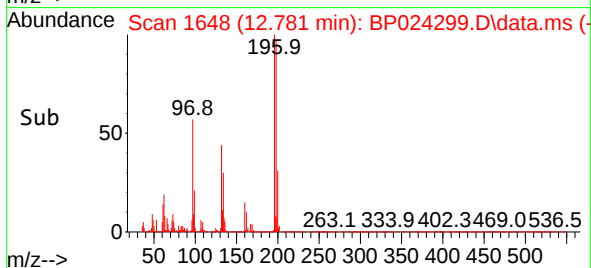
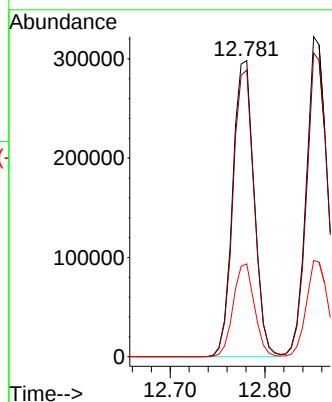
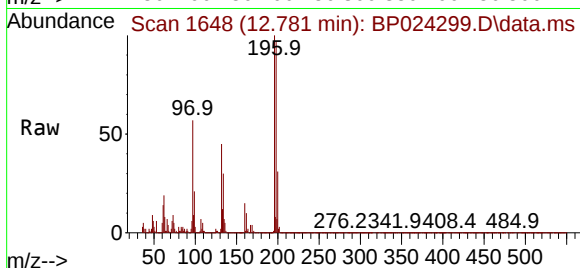
Tgt Ion:196 Resp: 468676

Ion Ratio Lower Upper

196 100

198 96.8 74.3 111.5

200 31.4 24.0 36.0



#44

2,4,5-Trichlorophenol

Concen: 45.944 ng

RT: 12.851 min Scan# 1660

Delta R.T. -0.018 min

Lab File: BP024299.D

Acq: 15 Apr 2025 18:10

Tgt Ion:196 Resp: 506852

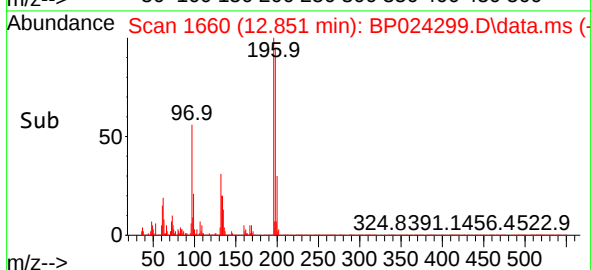
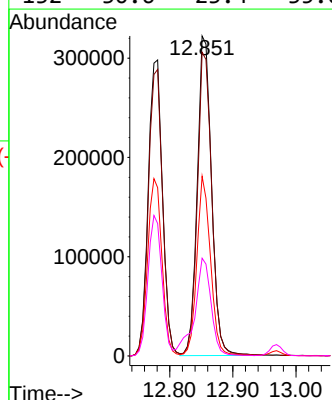
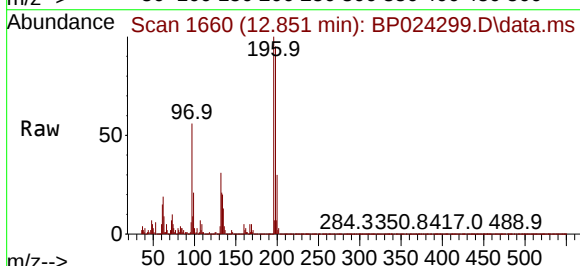
Ion Ratio Lower Upper

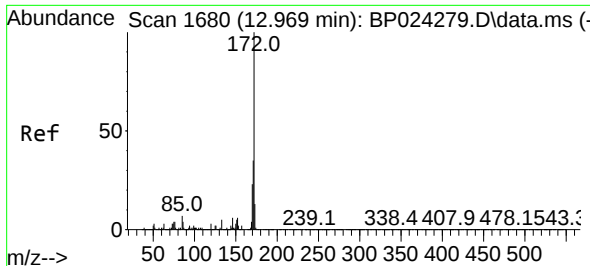
196 100

198 94.9 77.3 115.9

97 56.2 40.4 60.6

132 30.6 23.4 35.0

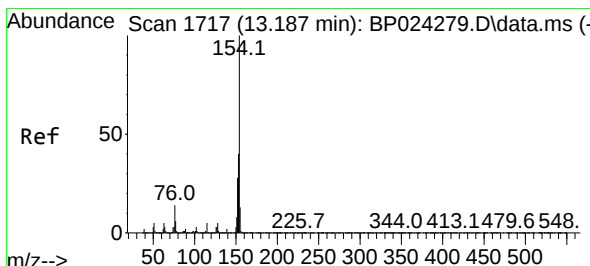
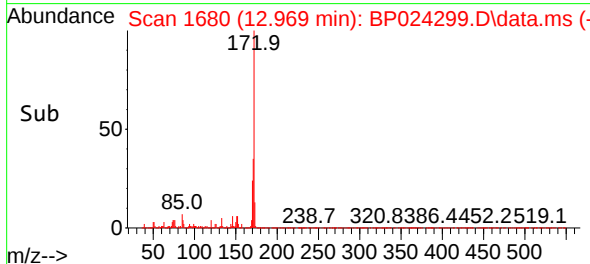
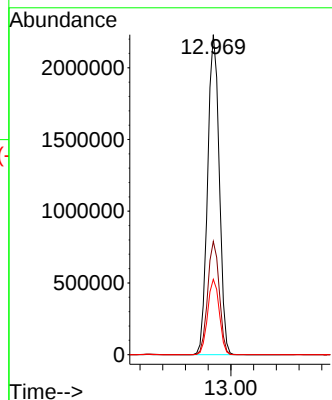
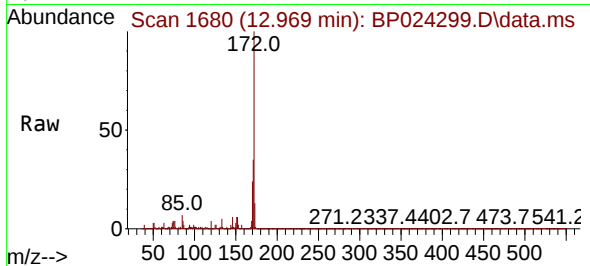




#45  
2-Fluorobiphenyl  
Concen: 88.671 ng  
RT: 12.969 min Scan# 1680  
Delta R.T. -0.012 min  
Lab File: BP024299.D  
Acq: 15 Apr 2025 18:10

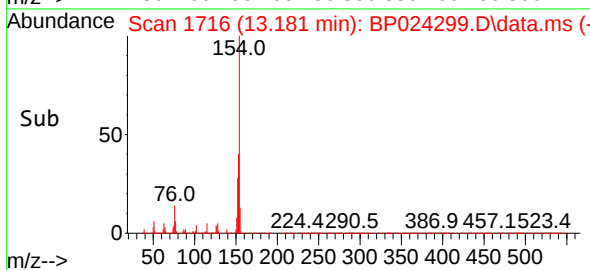
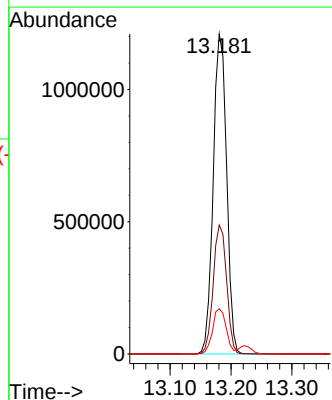
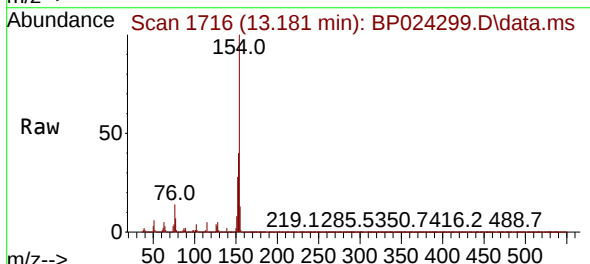
Instrument :  
BNA\_P  
ClientSampleId :  
TP-1MS

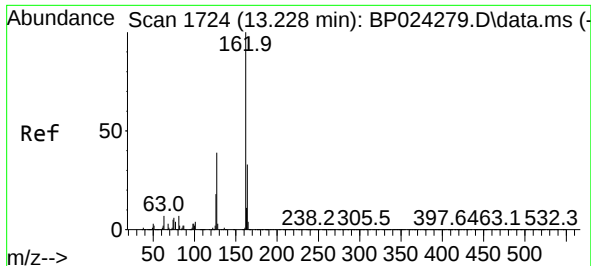
Tgt Ion:172 Resp: 3155566  
Ion Ratio Lower Upper  
172 100  
171 35.4 28.2 42.2  
170 23.5 18.6 27.8



#46  
1,1'-Biphenyl  
Concen: 46.152 ng  
RT: 13.181 min Scan# 1716  
Delta R.T. -0.018 min  
Lab File: BP024299.D  
Acq: 15 Apr 2025 18:10

Tgt Ion:154 Resp: 1848476  
Ion Ratio Lower Upper  
154 100  
153 40.3 20.3 60.3  
76 14.1 0.0 33.5

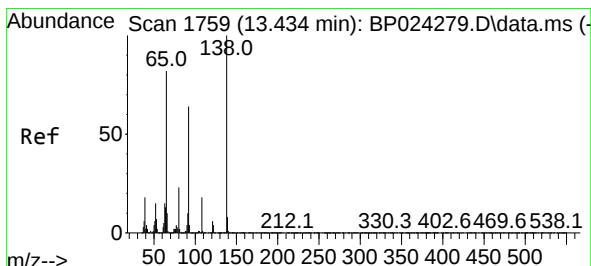
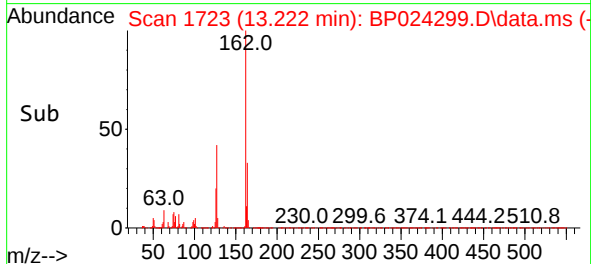
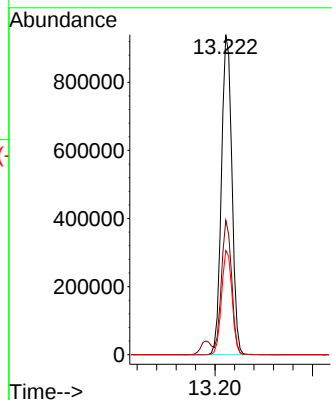
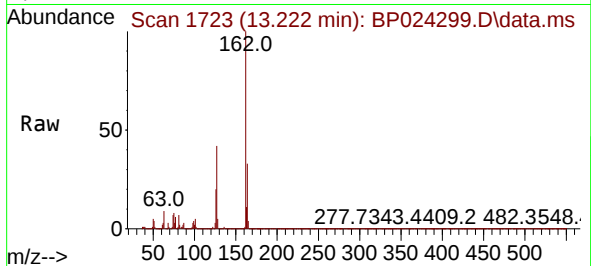




#47  
2-Chloronaphthalene  
Concen: 46.892 ng  
RT: 13.222 min Scan# 1724  
Delta R.T. -0.012 min  
Lab File: BP024299.D  
Acq: 15 Apr 2025 18:10

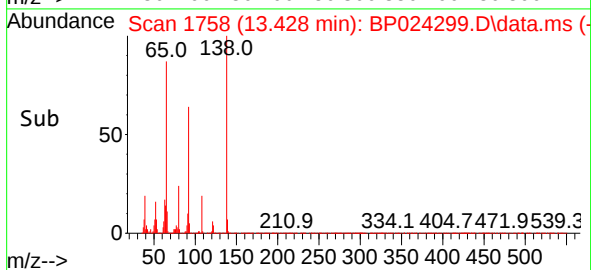
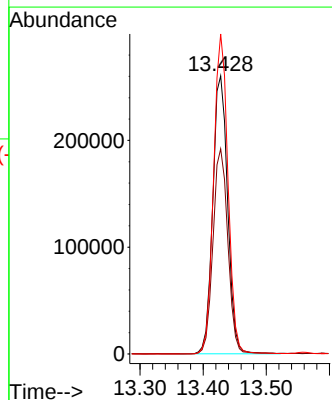
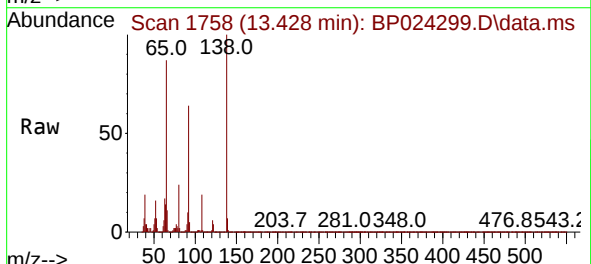
Instrument :  
BNA\_P  
ClientSampleId :  
TP-1MS

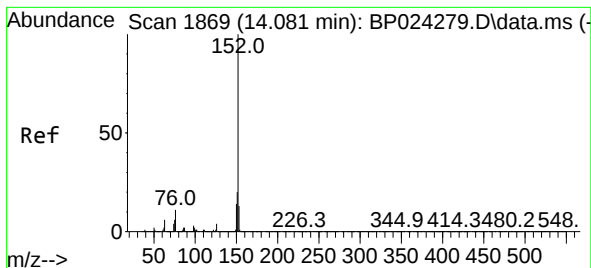
Tgt Ion:162 Resp: 1403661  
Ion Ratio Lower Upper  
162 100  
127 42.0 31.9 47.9  
164 32.6 26.2 39.4



#48  
2-Nitroaniline  
Concen: 50.723 ng  
RT: 13.428 min Scan# 1758  
Delta R.T. -0.018 min  
Lab File: BP024299.D  
Acq: 15 Apr 2025 18:10

Tgt Ion: 65 Resp: 425898  
Ion Ratio Lower Upper  
65 100  
92 73.8 62.3 93.5  
138 115.1 97.2 145.8





#49

Acenaphthylene

Concen: 48.917 ng

RT: 14.081 min Scan# 1869

Delta R.T. -0.006 min

Lab File: BP024299.D

Acq: 15 Apr 2025 18:10

Instrument :

BNA\_P

ClientSampleId :

TP-1MS

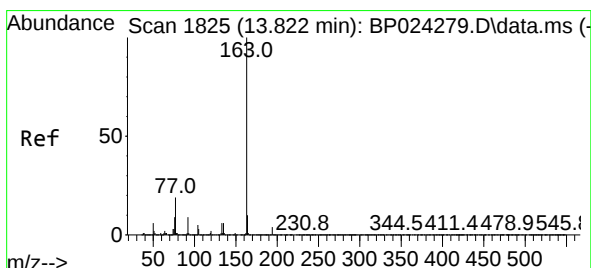
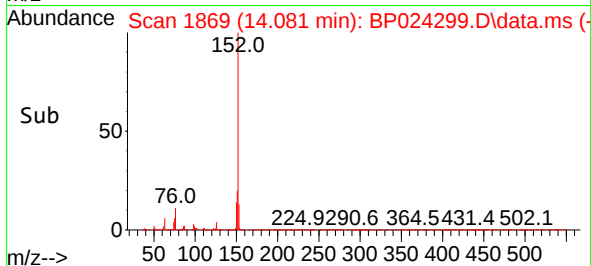
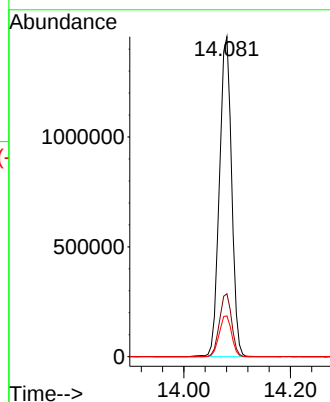
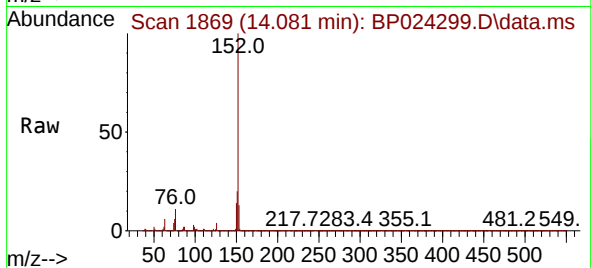
Tgt Ion:152 Resp: 2305418

Ion Ratio Lower Upper

152 100

151 19.7 15.9 23.9

153 12.8 10.6 15.8



#50

Dimethylphthalate

Concen: 44.431 ng

RT: 13.822 min Scan# 1825

Delta R.T. -0.012 min

Lab File: BP024299.D

Acq: 15 Apr 2025 18:10

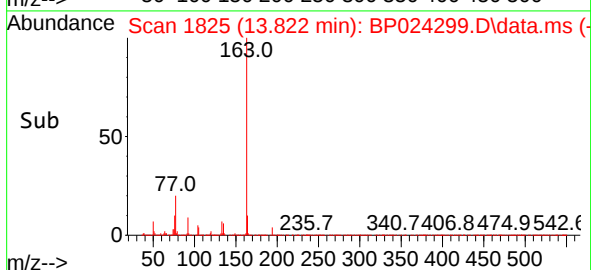
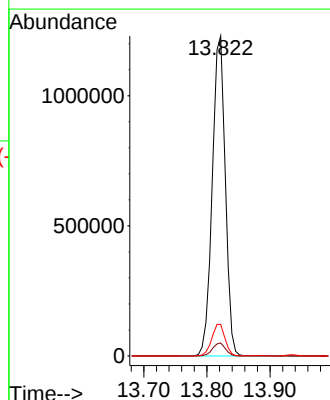
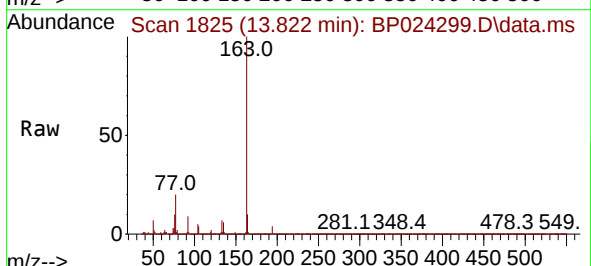
Tgt Ion:163 Resp: 1760562

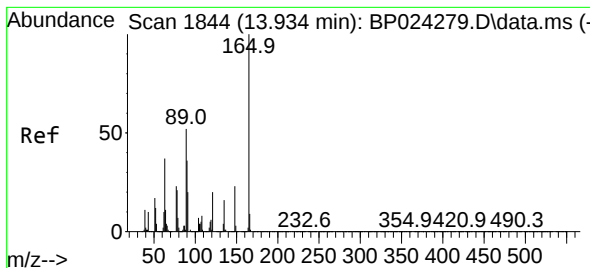
Ion Ratio Lower Upper

163 100

194 4.1 3.5 5.3

164 9.9 8.0 12.0

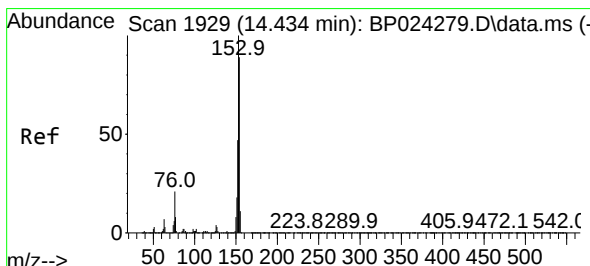
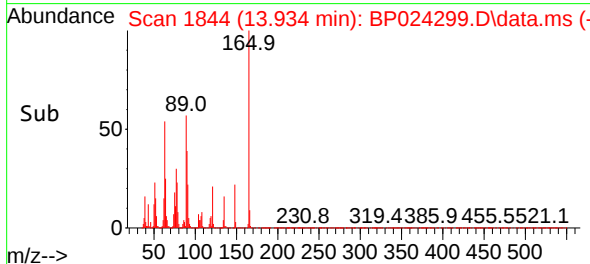
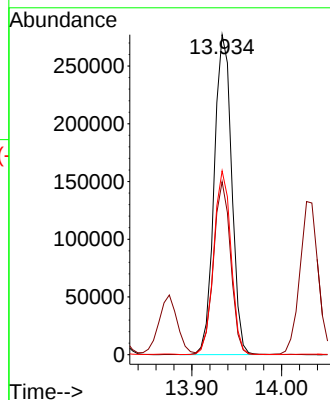
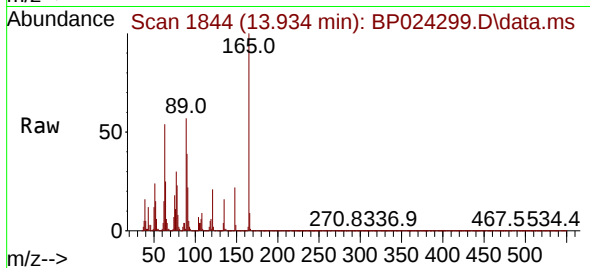




#51  
2,6-Dinitrotoluene  
Concen: 44.458 ng  
RT: 13.934 min Scan# 1844  
Delta R.T. -0.012 min  
Lab File: BP024299.D  
Acq: 15 Apr 2025 18:10

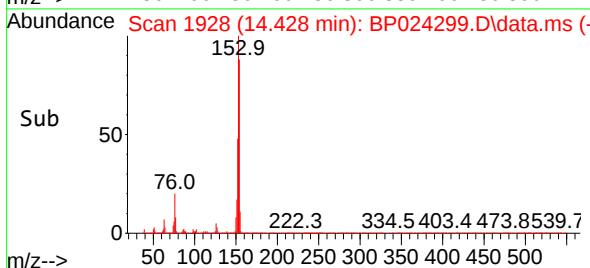
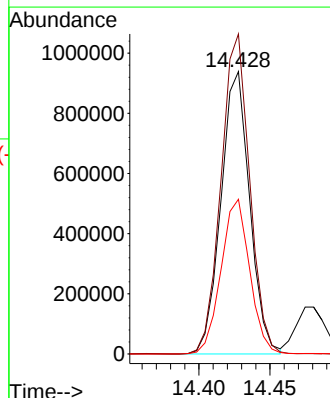
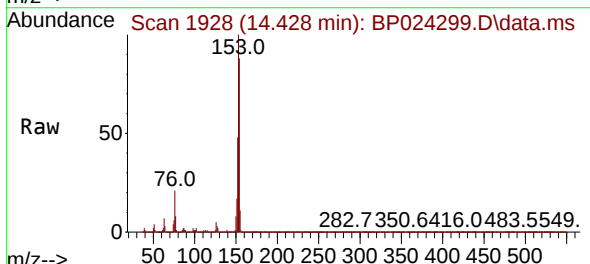
Instrument :  
BNA\_P  
ClientSampleId :  
TP-1MS

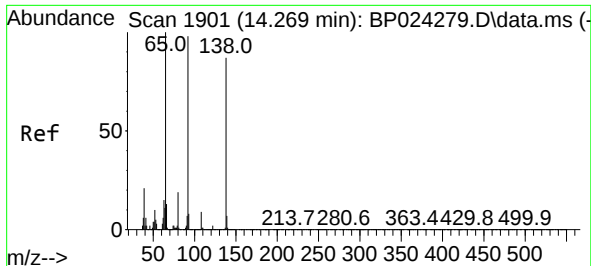
Tgt Ion:165 Resp: 374079  
Ion Ratio Lower Upper  
165 100  
63 54.1 38.0 57.0  
89 57.4 41.7 62.5



#52  
Acenaphthene  
Concen: 44.174 ng  
RT: 14.428 min Scan# 1928  
Delta R.T. -0.012 min  
Lab File: BP024299.D  
Acq: 15 Apr 2025 18:10

Tgt Ion:154 Resp: 1319835  
Ion Ratio Lower Upper  
154 100  
153 113.3 89.8 134.6  
152 54.8 42.6 63.8

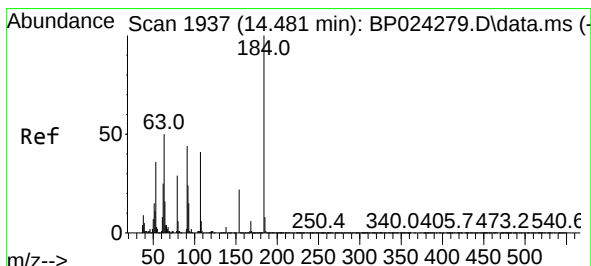
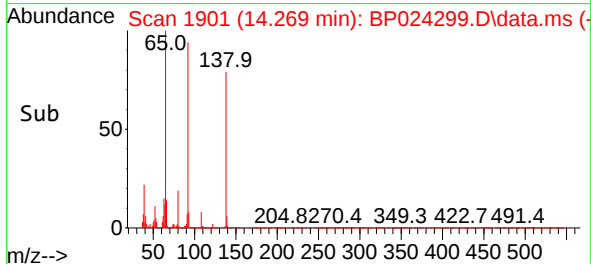
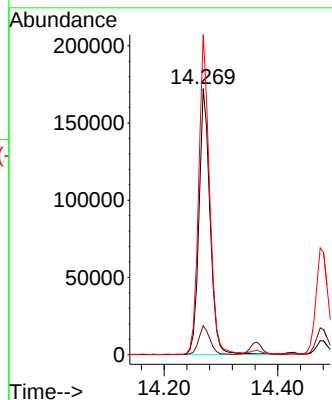
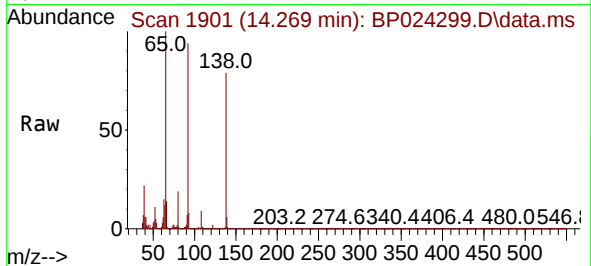




#53  
3-Nitroaniline  
Concen: 26.438 ng  
RT: 14.269 min Scan# 1901  
Delta R.T. -0.012 min  
Lab File: BP024299.D  
Acq: 15 Apr 2025 18:10

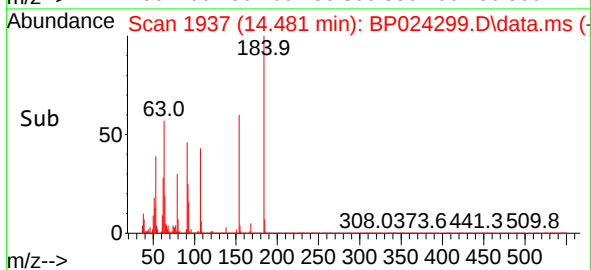
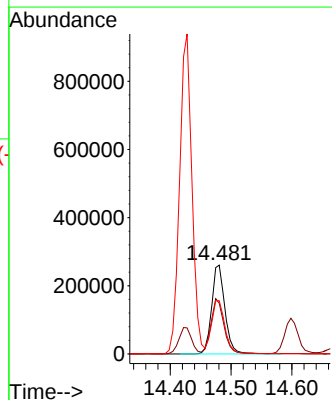
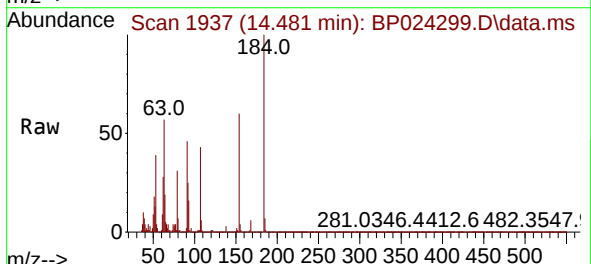
Instrument :  
BNA\_P  
ClientSampleId :  
TP-1MS

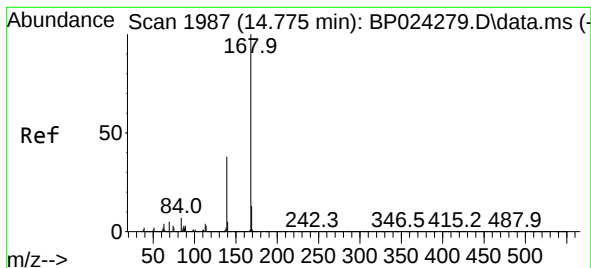
Tgt Ion:138 Resp: 233803  
Ion Ratio Lower Upper  
138 100  
108 10.9 8.3 12.5  
92 120.2 89.8 134.8



#54  
2,4-Dinitrophenol  
Concen: 79.433 ng  
RT: 14.481 min Scan# 1937  
Delta R.T. -0.011 min  
Lab File: BP024299.D  
Acq: 15 Apr 2025 18:10

Tgt Ion:184 Resp: 393698  
Ion Ratio Lower Upper  
184 100  
63 57.2 42.6 64.0  
154 60.0 47.2 70.8

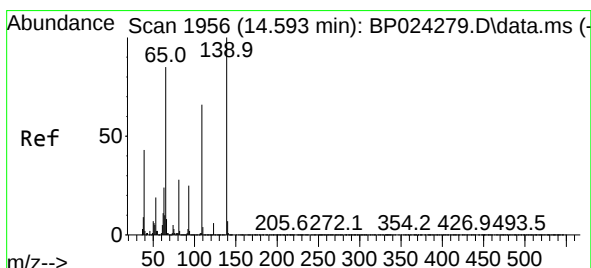
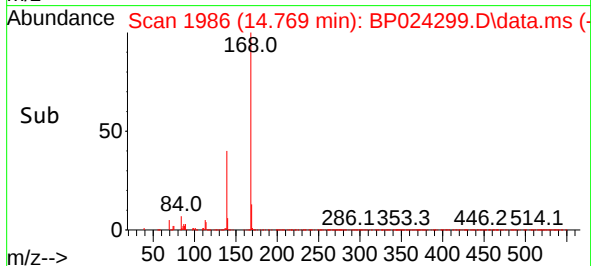
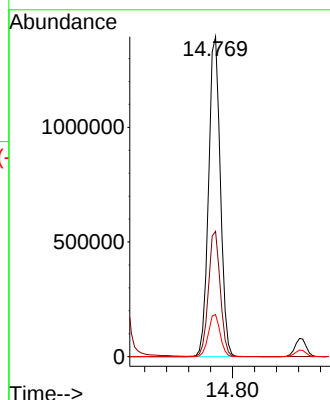
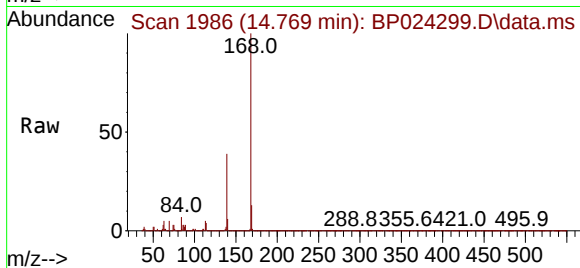




#55  
Dibenzenofuran  
Concen: 42.349 ng  
RT: 14.769 min Scan# 1986  
Delta R.T. -0.012 min  
Lab File: BP024299.D  
Acq: 15 Apr 2025 18:10

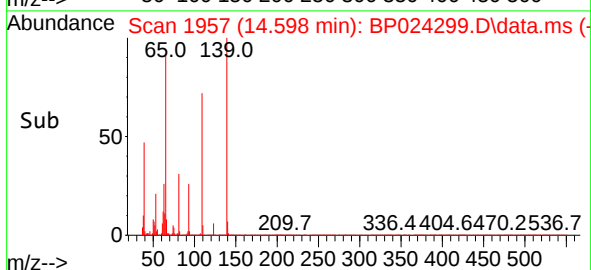
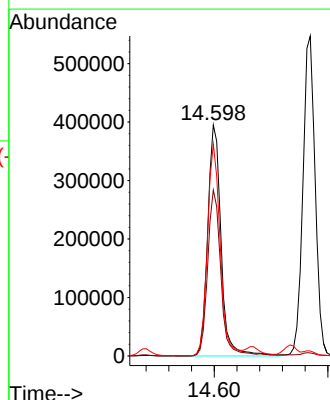
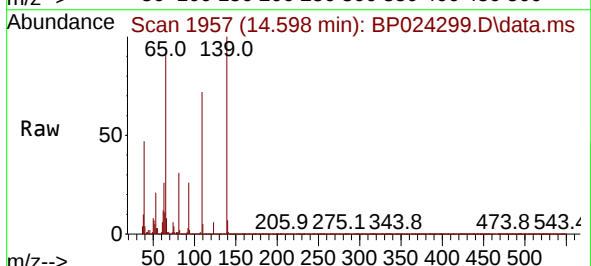
Instrument :  
BNA\_P  
ClientSampleId :  
TP-1MS

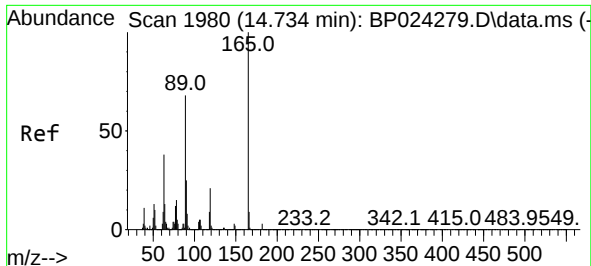
Tgt Ion:168 Resp: 2068250  
Ion Ratio Lower Upper  
168 100  
139 39.2 30.3 45.5  
169 13.2 10.6 16.0



#56  
4-Nitrophenol  
Concen: 83.770 ng  
RT: 14.598 min Scan# 1957  
Delta R.T. -0.006 min  
Lab File: BP024299.D  
Acq: 15 Apr 2025 18:10

Tgt Ion:139 Resp: 639809  
Ion Ratio Lower Upper  
139 100  
109 71.8 46.1 86.1  
65 91.6 65.0 105.0

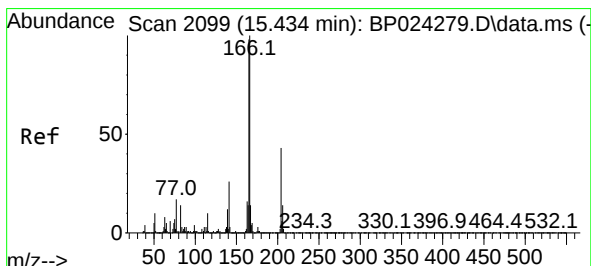
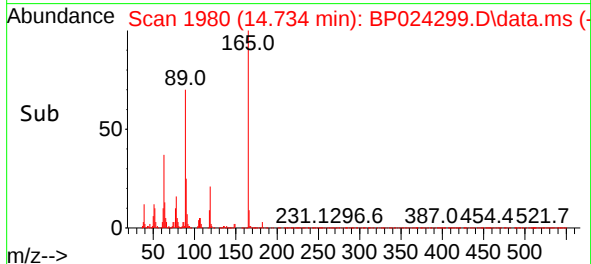
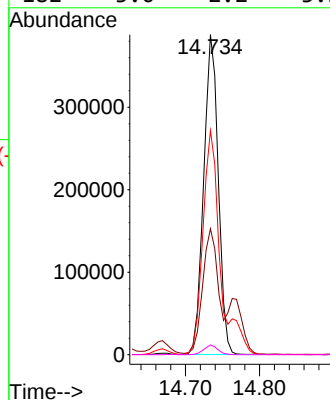
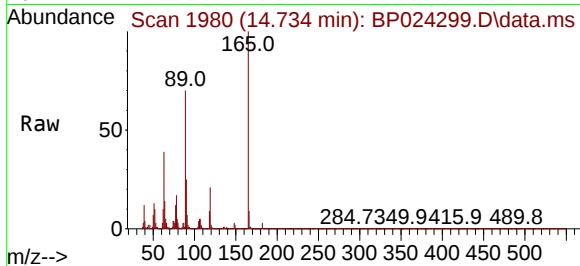




#57  
2,4-Dinitrotoluene  
Concen: 46.243 ng  
RT: 14.734 min Scan# 1980  
Delta R.T. -0.012 min  
Lab File: BP024299.D  
Acq: 15 Apr 2025 18:10

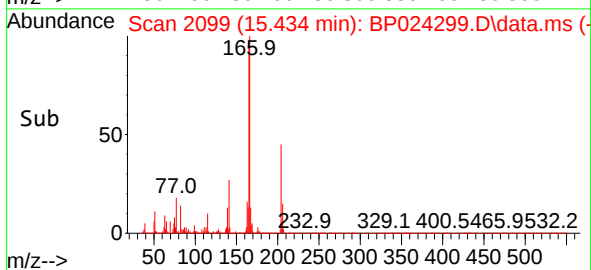
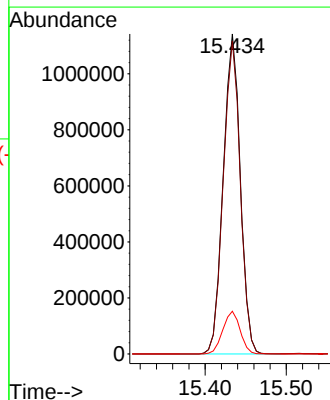
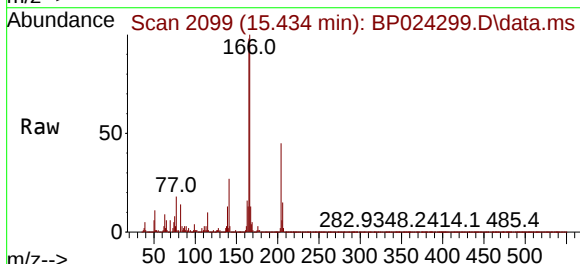
Instrument :  
BNA\_P  
ClientSampleId :  
TP-1MS

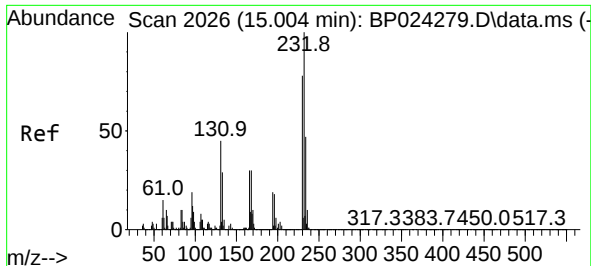
Tgt Ion:165 Resp: 530775  
Ion Ratio Lower Upper  
165 100  
63 39.3 30.4 45.6  
89 70.1 54.6 82.0  
182 3.0 2.2 3.2



#58  
Fluorene  
Concen: 44.248 ng  
RT: 15.434 min Scan# 2099  
Delta R.T. -0.006 min  
Lab File: BP024299.D  
Acq: 15 Apr 2025 18:10

Tgt Ion:166 Resp: 1672899  
Ion Ratio Lower Upper  
166 100  
165 97.8 78.1 117.1  
167 13.3 10.9 16.3

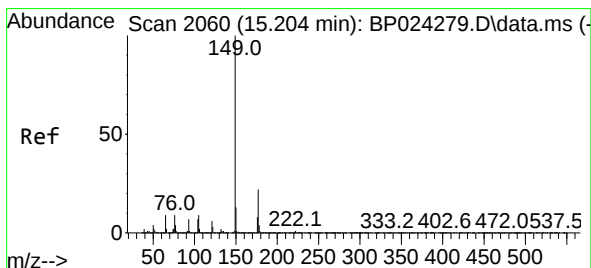
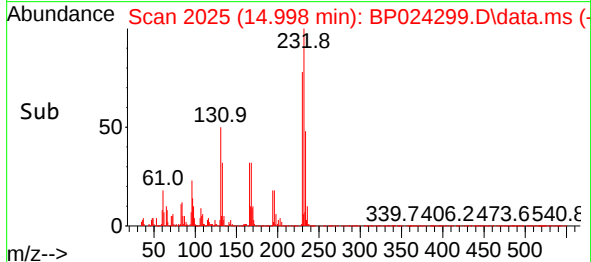
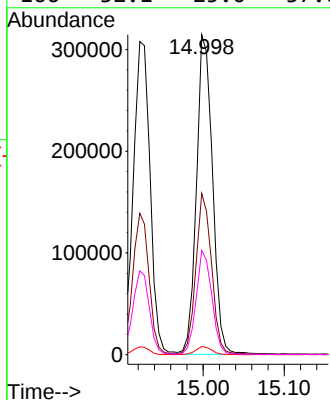
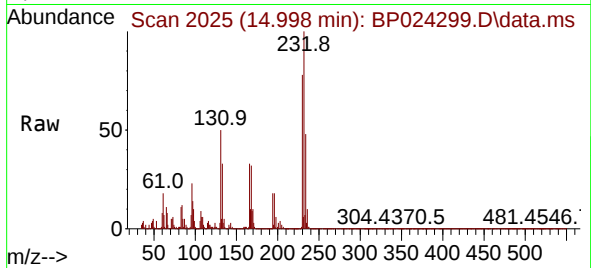




#59  
2,3,4,6-Tetrachlorophenol  
Concen: 42.555 ng  
RT: 14.998 min Scan# 20  
Delta R.T. -0.006 min  
Lab File: BP024299.D  
Acq: 15 Apr 2025 18:10

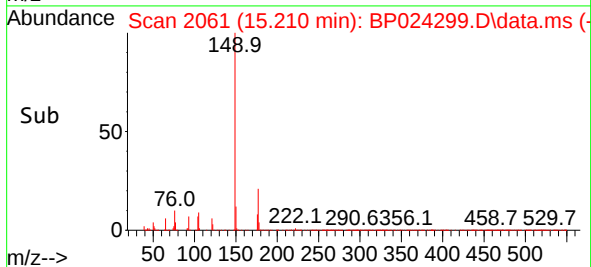
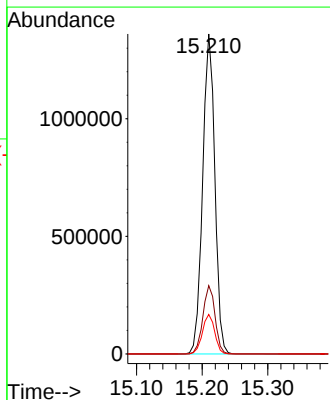
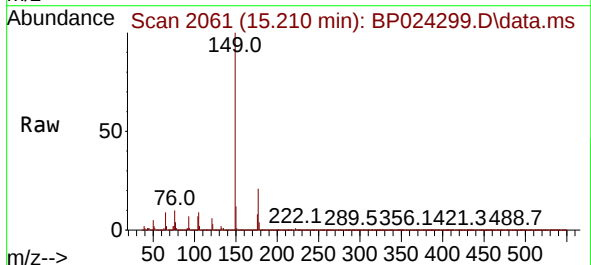
Instrument :  
BNA\_P  
ClientSampleId :  
TP-1MS

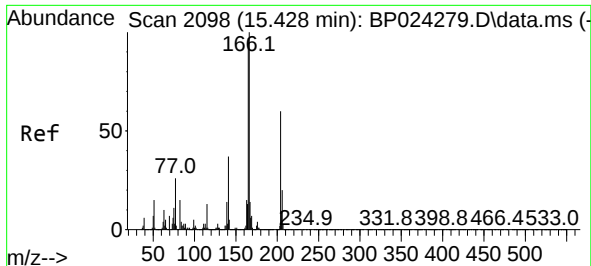
Tgt Ion:232 Resp: 432998  
Ion Ratio Lower Upper  
232 100  
131 49.3 36.8 55.2  
130 2.6 1.9 2.9  
166 32.1 25.0 37.6



#60  
Diethylphthalate  
Concen: 43.112 ng  
RT: 15.210 min Scan# 2061  
Delta R.T. -0.012 min  
Lab File: BP024299.D  
Acq: 15 Apr 2025 18:10

Tgt Ion:149 Resp: 1760423  
Ion Ratio Lower Upper  
149 100  
177 21.3 17.4 26.2  
150 12.3 10.1 15.1

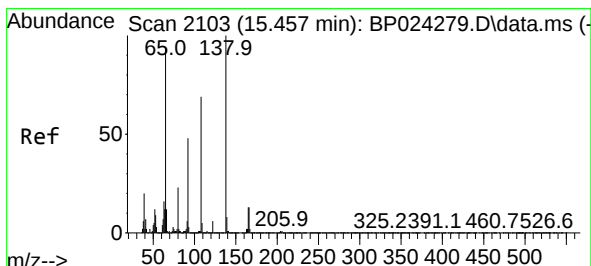
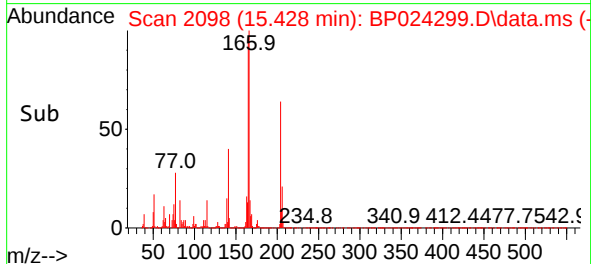
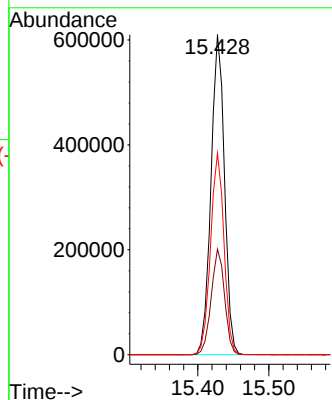
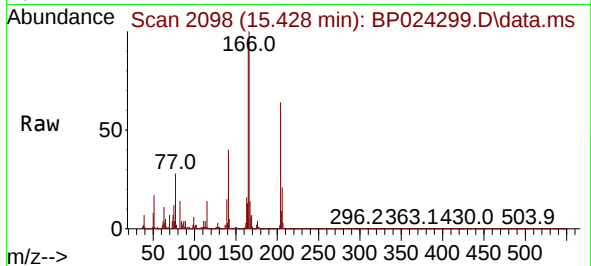




#61  
4-Chlorophenyl-phenylether  
Concen: 43.851 ng  
RT: 15.428 min Scan# 2098  
Delta R.T. -0.012 min  
Lab File: BP024299.D  
Acq: 15 Apr 2025 18:10

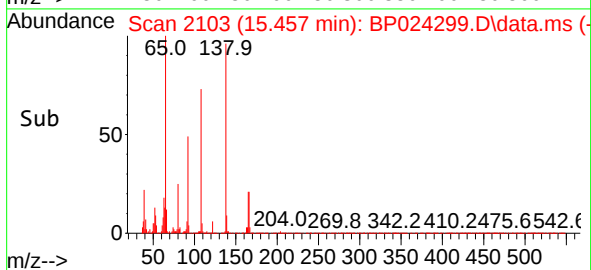
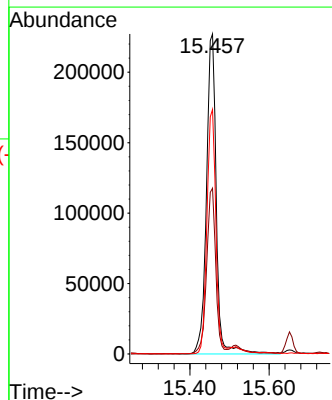
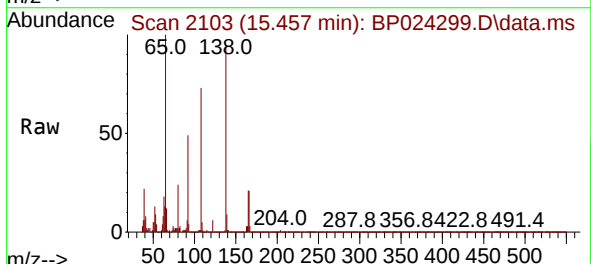
Instrument :  
BNA\_P  
ClientSampleId :  
TP-1MS

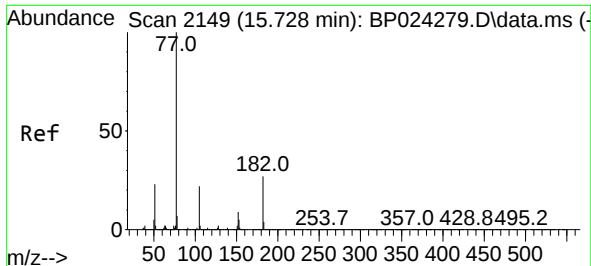
Tgt Ion:204 Resp: 805068  
Ion Ratio Lower Upper  
204 100  
206 33.0 26.5 39.7  
141 63.0 49.4 74.0



#62  
4-Nitroaniline  
Concen: 41.957 ng  
RT: 15.457 min Scan# 2103  
Delta R.T. -0.012 min  
Lab File: BP024299.D  
Acq: 15 Apr 2025 18:10

Tgt Ion:138 Resp: 392799  
Ion Ratio Lower Upper  
138 100  
92 51.8 27.8 67.8  
108 76.4 48.9 88.9



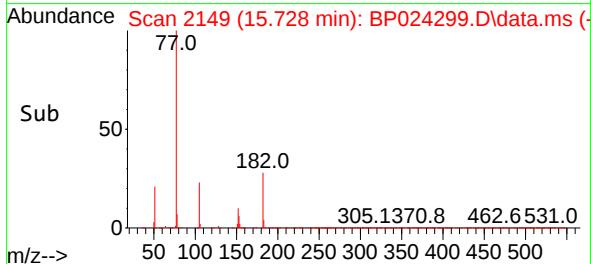
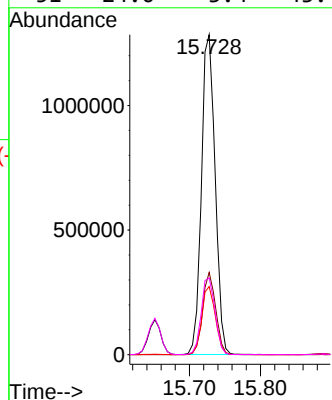
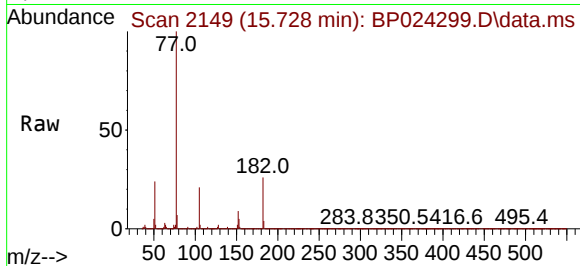


#63  
Azobenzene  
Concen: 45.900 ng  
RT: 15.728 min Scan# 2149  
Delta R.T. -0.012 min  
Lab File: BP024299.D  
Acq: 15 Apr 2025 18:10

Instrument :  
BNA\_P  
ClientSampleId :  
TP-1MS

Tgt Ion: 77 Resp: 1722680

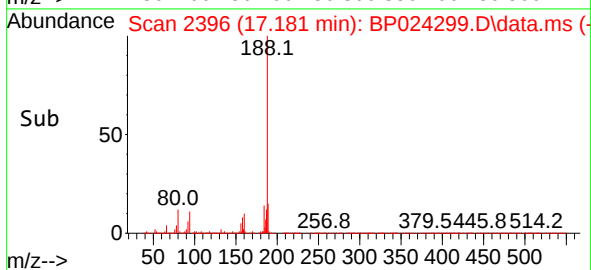
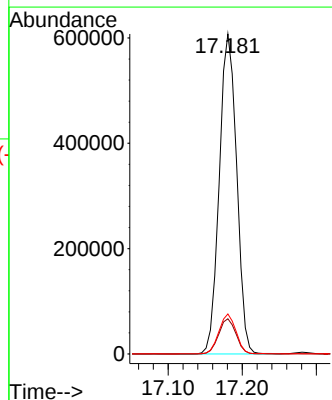
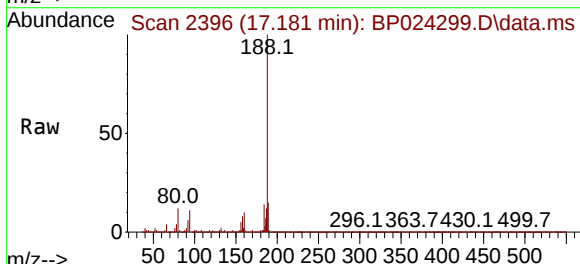
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 77  | 100   |       |       |
| 182 | 25.7  | 7.3   | 47.3  |
| 105 | 21.3  | 2.3   | 42.3  |
| 51  | 24.0  | 3.4   | 43.4  |

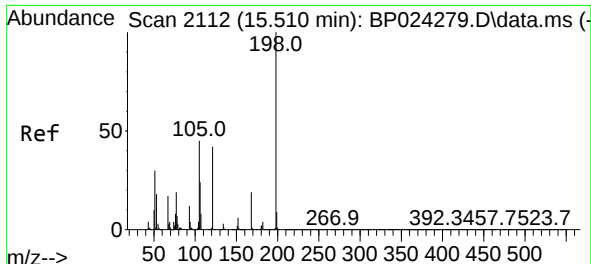


#64  
Phenanthrene-d10  
Concen: 20.000 ng  
RT: 17.181 min Scan# 2396  
Delta R.T. 0.000 min  
Lab File: BP024299.D  
Acq: 15 Apr 2025 18:10

Tgt Ion: 188 Resp: 990797

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 188 | 100   |       |       |
| 94  | 11.0  | 8.6   | 13.0  |
| 80  | 12.5  | 9.8   | 14.6  |

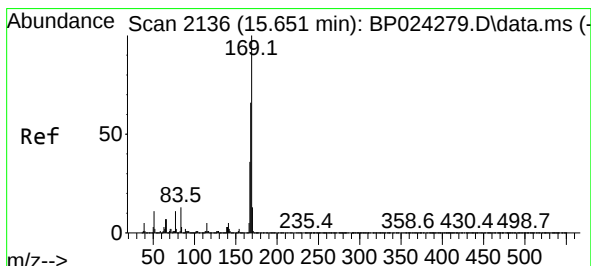
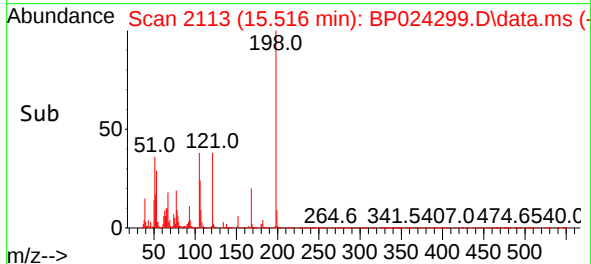
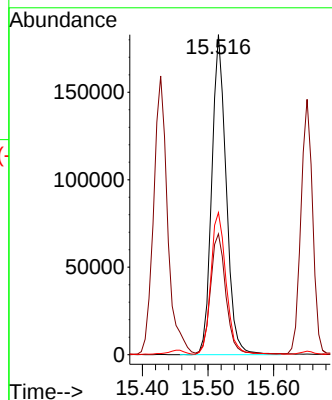
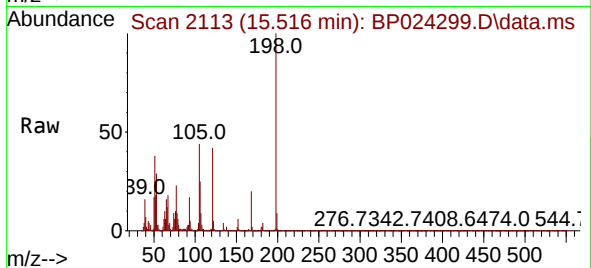




#65  
4,6-Dinitro-2-methylphenol  
Concen: 44.842 ng  
RT: 15.516 min Scan# 2113  
Delta R.T. -0.012 min  
Lab File: BP024299.D  
Acq: 15 Apr 2025 18:10

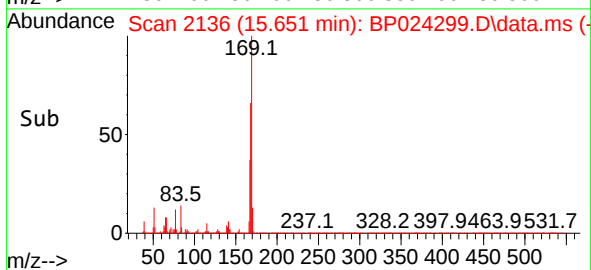
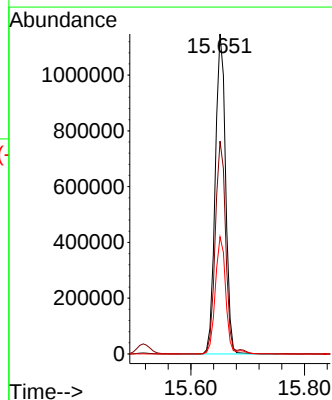
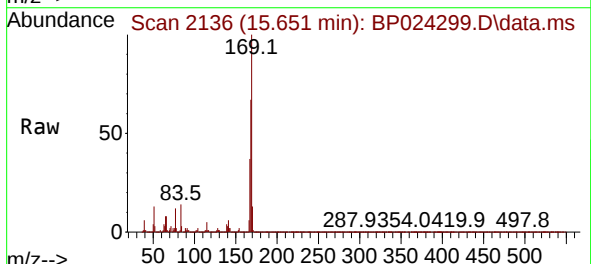
Instrument :  
BNA\_P  
ClientSampleId :  
TP-1MS

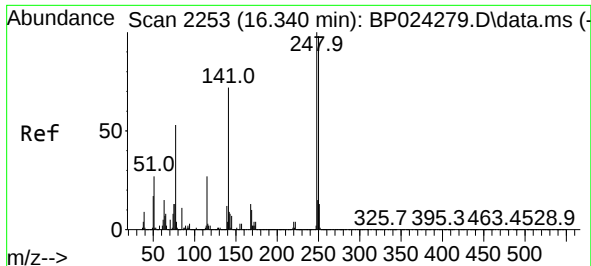
Tgt Ion:198 Resp: 280113  
Ion Ratio Lower Upper  
198 100  
51 37.8 18.4 58.4  
105 44.4 26.5 66.5



#66  
n-Nitrosodiphenylamine  
Concen: 48.648 ng  
RT: 15.651 min Scan# 2136  
Delta R.T. -0.006 min  
Lab File: BP024299.D  
Acq: 15 Apr 2025 18:10

Tgt Ion:169 Resp: 1438674  
Ion Ratio Lower Upper  
169 100  
168 66.5 53.0 79.4  
167 36.6 28.9 43.3

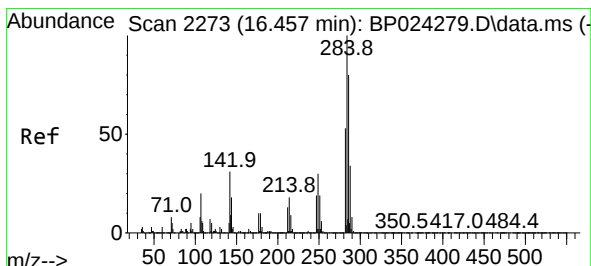
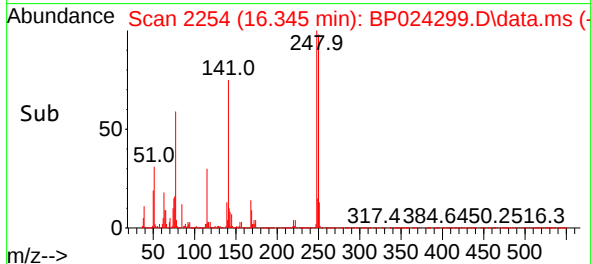
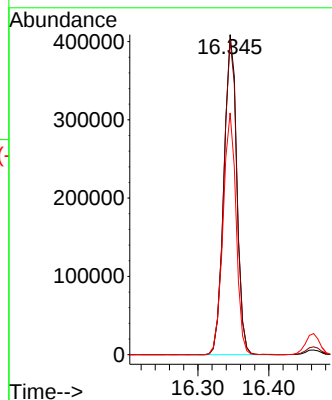
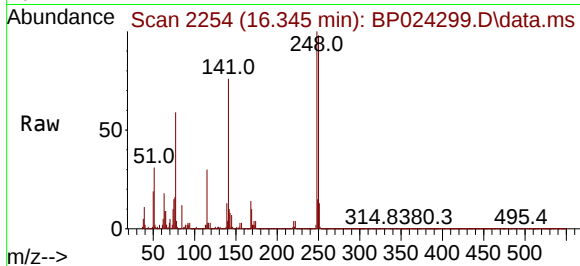




#67  
4-Bromophenyl-phenylether  
Concen: 47.509 ng  
RT: 16.345 min Scan# 21  
Delta R.T. 0.000 min  
Lab File: BP024299.D  
Acq: 15 Apr 2025 18:10

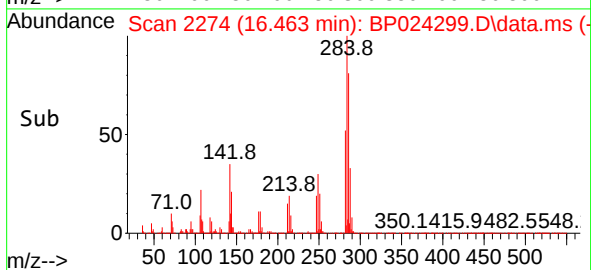
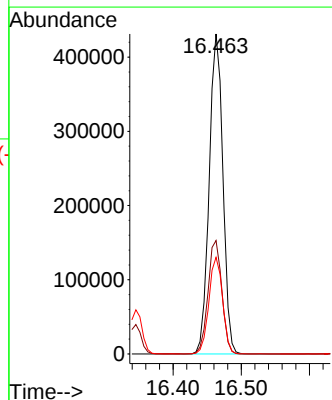
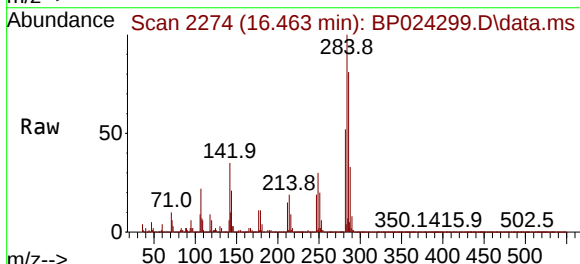
Instrument :  
BNA\_P  
ClientSampleId :  
TP-1MS

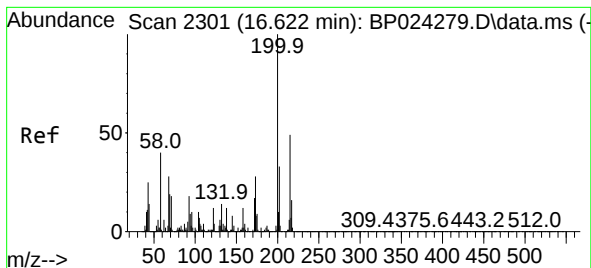
Tgt Ion:248 Resp: 514816  
Ion Ratio Lower Upper  
248 100  
250 98.3 78.2 117.4  
141 75.6 57.7 86.5



#68  
Hexachlorobenzene  
Concen: 46.780 ng  
RT: 16.463 min Scan# 2274  
Delta R.T. -0.006 min  
Lab File: BP024299.D  
Acq: 15 Apr 2025 18:10

Tgt Ion:284 Resp: 602356  
Ion Ratio Lower Upper  
284 100  
142 35.5 24.6 37.0  
249 30.2 23.8 35.6





#69

Atrazine

Concen: 64.349 ng

RT: 16.634 min Scan# 21

Delta R.T. 0.012 min

Lab File: BP024299.D

Acq: 15 Apr 2025 18:10

Instrument :

BNA\_P

ClientSampleId :

TP-1MS

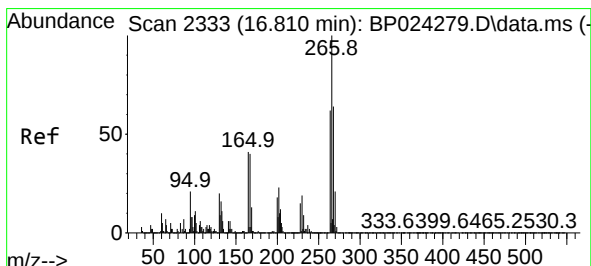
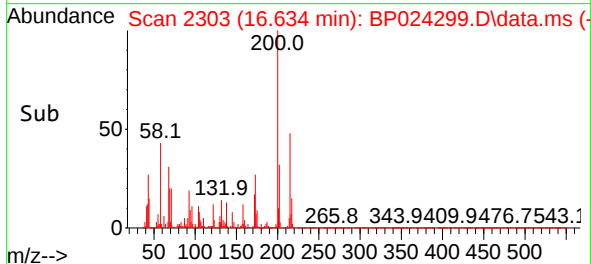
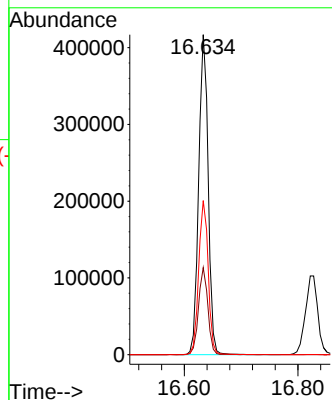
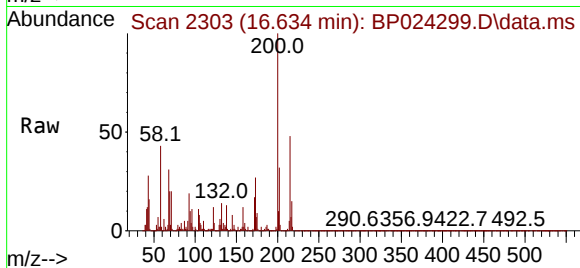
Tgt Ion:200 Resp: 484674

Ion Ratio Lower Upper

200 100

173 27.2 7.5 47.5

215 48.2 28.8 68.8



#70

Pentachlorophenol

Concen: 94.413 ng

RT: 16.828 min Scan# 2336

Delta R.T. 0.000 min

Lab File: BP024299.D

Acq: 15 Apr 2025 18:10

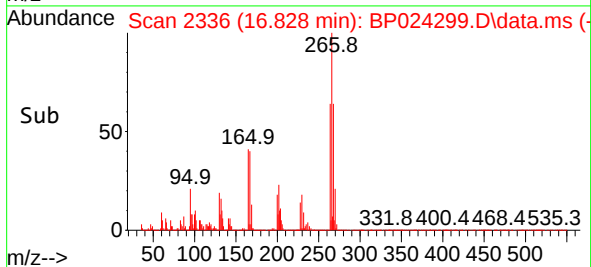
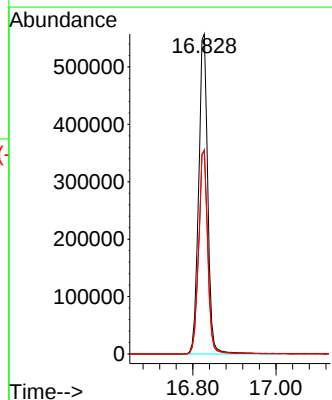
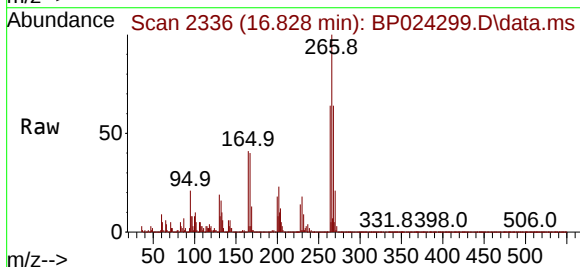
Tgt Ion:266 Resp: 848105

Ion Ratio Lower Upper

266 100

268 63.8 51.0 76.6

264 63.6 49.8 74.6





#71

Phenanthrene

Concen: 47.239 ng

RT: 17.228 min Scan# 2404

Delta R.T. 0.000 min

Lab File: BP024299.D

Acq: 15 Apr 2025 18:10

Instrument :

BNA\_P

ClientSampleId :

TP-1MS

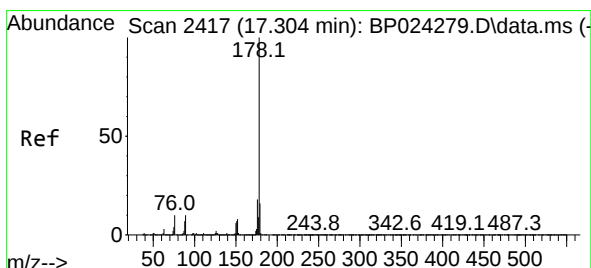
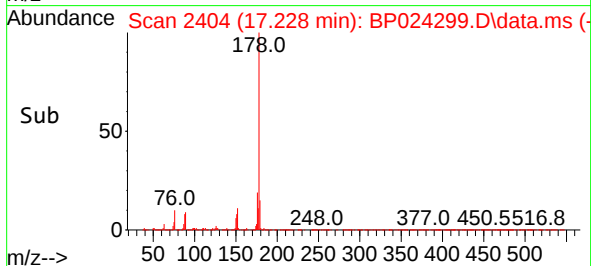
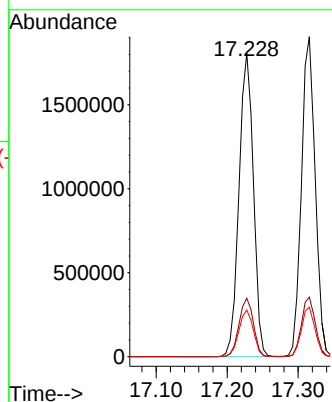
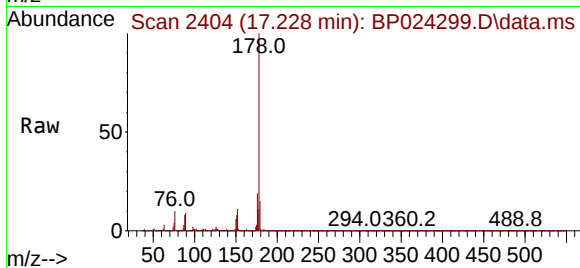
Tgt Ion:178 Resp: 2553284

Ion Ratio Lower Upper

178 100

176 19.2 15.4 23.0

179 15.4 12.5 18.7



#72

Anthracene

Concen: 49.266 ng

RT: 17.316 min Scan# 2419

Delta R.T. 0.000 min

Lab File: BP024299.D

Acq: 15 Apr 2025 18:10

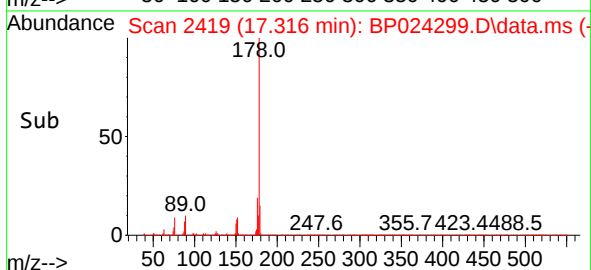
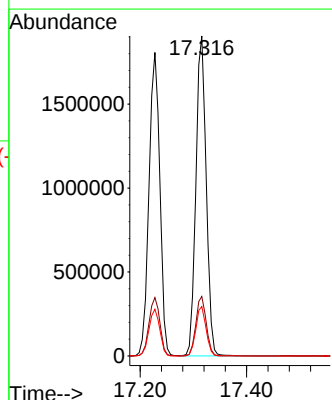
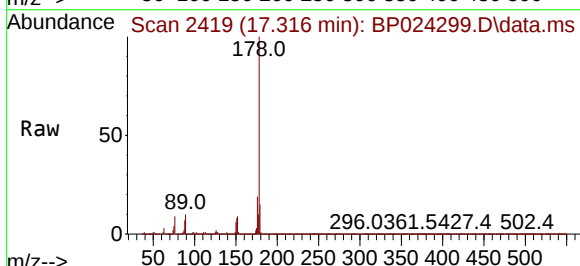
Tgt Ion:178 Resp: 2566445

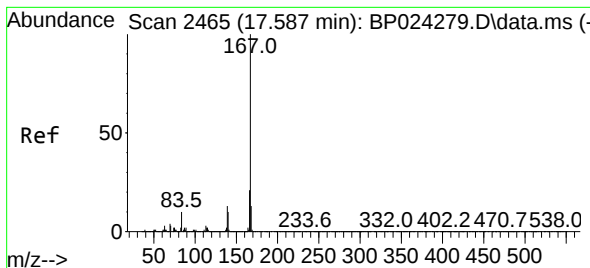
Ion Ratio Lower Upper

178 100

176 18.6 14.7 22.1

179 15.5 12.4 18.6





#73

Carbazole

Concen: 48.160 ng

RT: 17.598 min Scan# 2465

Delta R.T. -0.006 min

Lab File: BP024299.D

Acq: 15 Apr 2025 18:10

Instrument :

BNA\_P

ClientSampleId :

TP-1MS

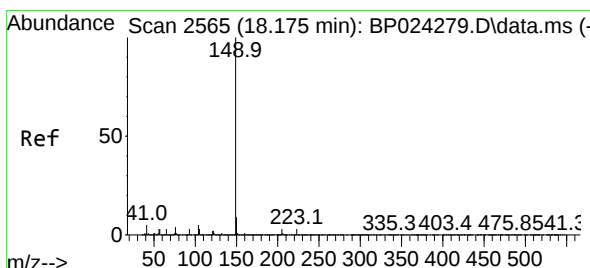
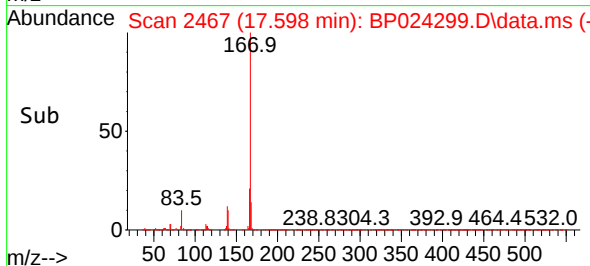
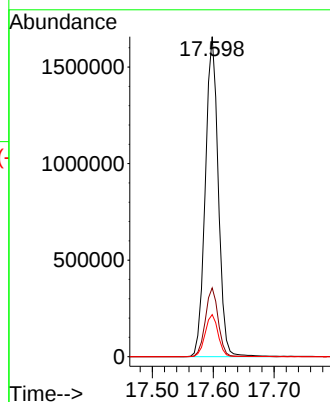
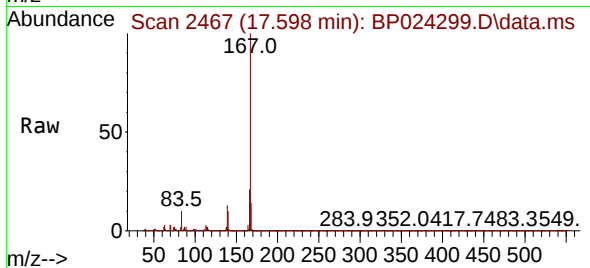
Tgt Ion:167 Resp: 2451328

Ion Ratio Lower Upper

167 100

166 21.5 17.1 25.7

139 13.2 10.6 16.0



#74

Di-n-butylphthalate

Concen: 48.868 ng

RT: 18.198 min Scan# 2569

Delta R.T. 0.006 min

Lab File: BP024299.D

Acq: 15 Apr 2025 18:10

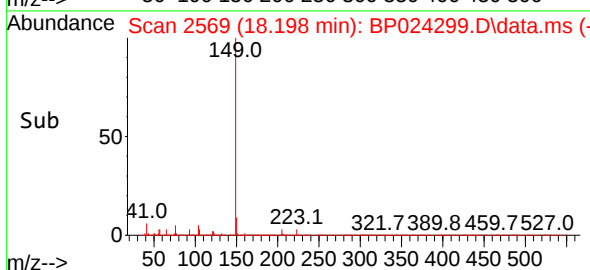
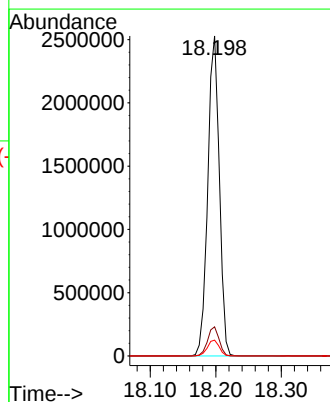
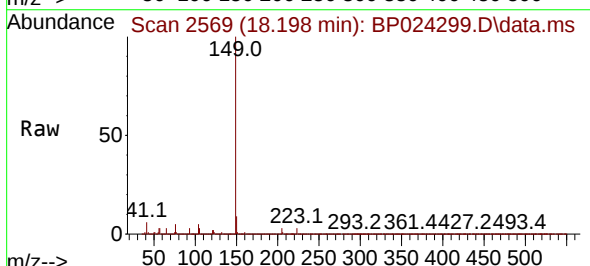
Tgt Ion:149 Resp: 3098956

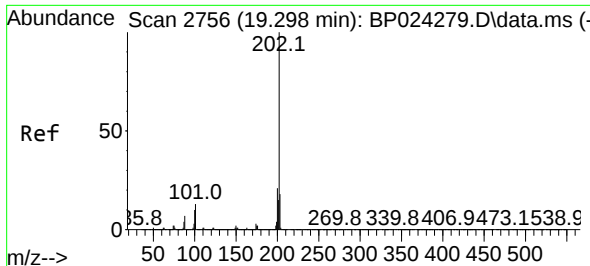
Ion Ratio Lower Upper

149 100

150 9.1 7.4 11.2

104 4.9 3.9 5.9

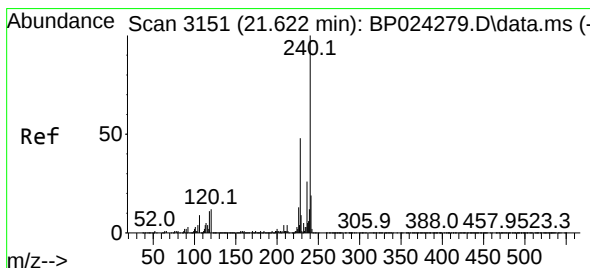
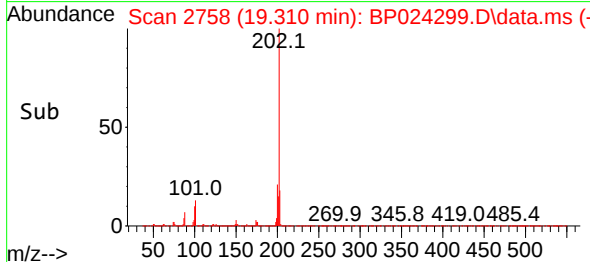
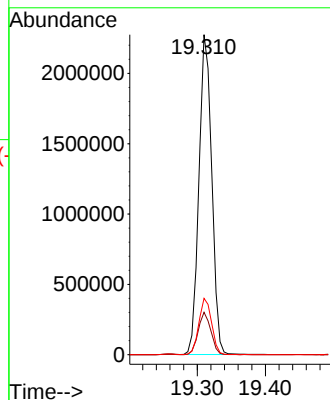
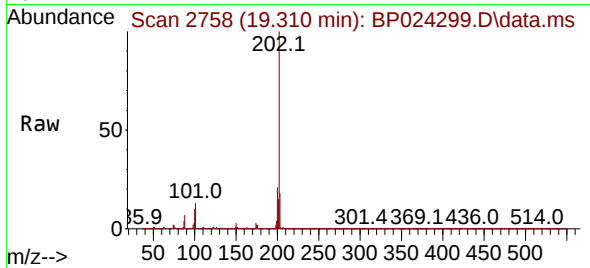




#75  
Fluoranthene  
Concen: 46.173 ng  
RT: 19.310 min Scan# 21  
Delta R.T. -0.006 min  
Lab File: BP024299.D  
Acq: 15 Apr 2025 18:10

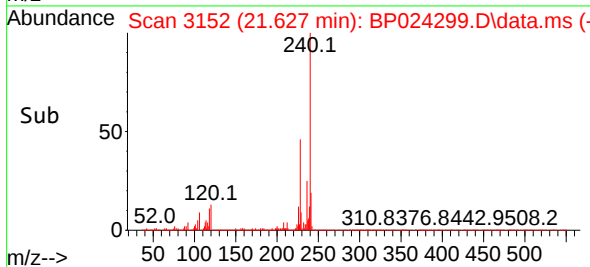
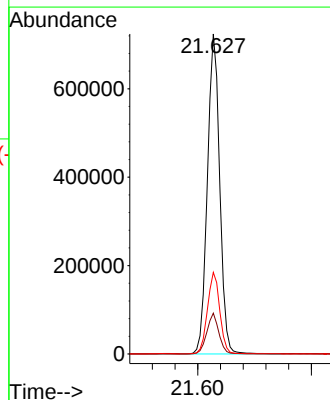
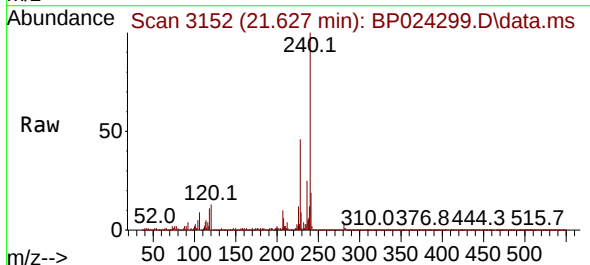
Instrument :  
BNA\_P  
ClientSampleId :  
TP-1MS

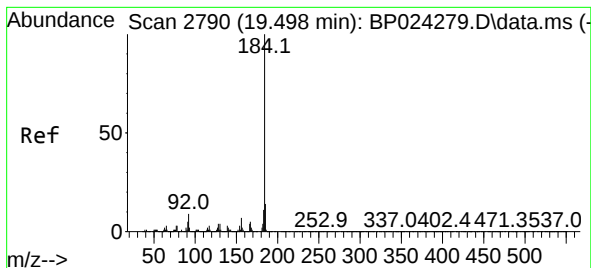
Tgt Ion:202 Resp: 2968168  
Ion Ratio Lower Upper  
202 100  
101 13.3 0.0 33.2  
203 17.6 0.0 37.7



#76  
Chrysene-d12  
Concen: 20.000 ng  
RT: 21.627 min Scan# 3152  
Delta R.T. 0.006 min  
Lab File: BP024299.D  
Acq: 15 Apr 2025 18:10

Tgt Ion:240 Resp: 1084738  
Ion Ratio Lower Upper  
240 100  
120 12.7 9.8 14.8  
236 25.5 20.9 31.3





#77

Benzidine

Concen: 54.998 ng

RT: 19.498 min Scan# 21

Delta R.T. -0.012 min

Lab File: BP024299.D

Acq: 15 Apr 2025 18:10

Instrument :

BNA\_P

ClientSampleId :

TP-1MS

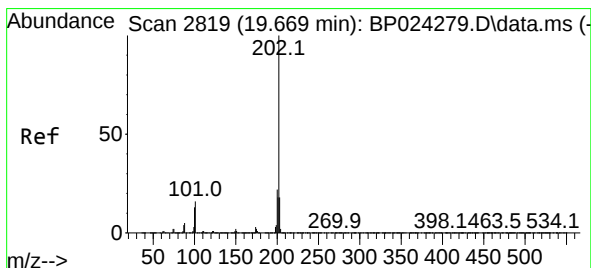
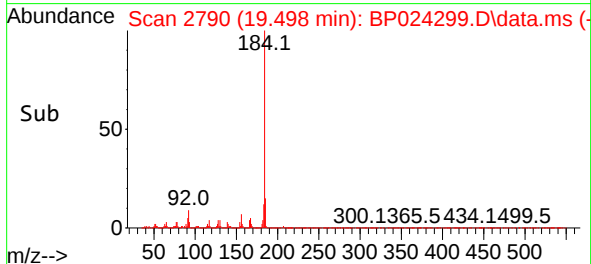
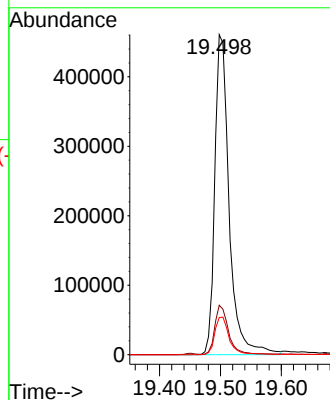
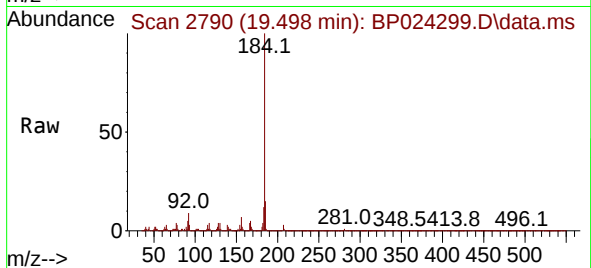
Tgt Ion:184 Resp: 756224

Ion Ratio Lower Upper

184 100

185 15.4 11.6 17.4

183 11.6 9.2 13.8



#78

Pyrene

Concen: 44.948 ng

RT: 19.686 min Scan# 2822

Delta R.T. 0.000 min

Lab File: BP024299.D

Acq: 15 Apr 2025 18:10

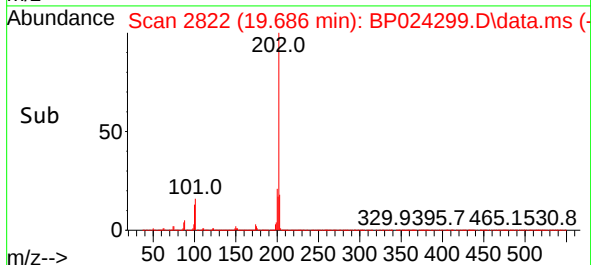
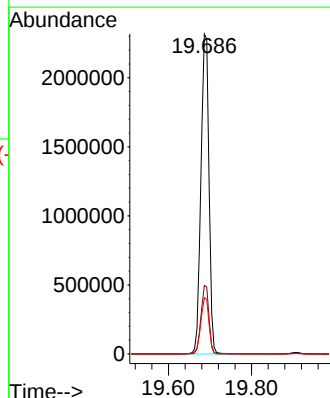
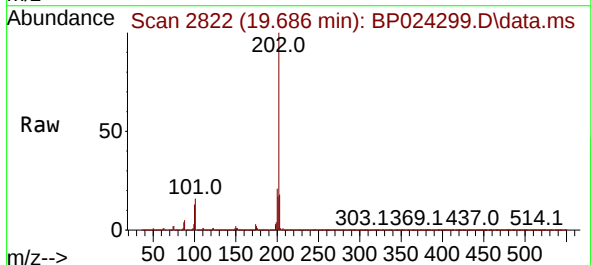
Tgt Ion:202 Resp: 3098567

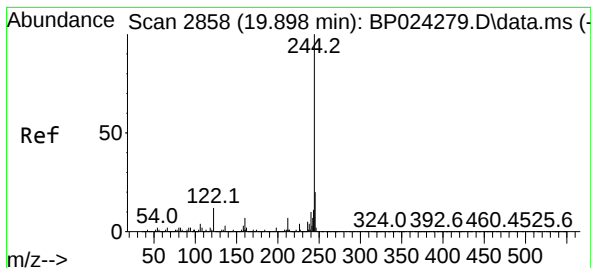
Ion Ratio Lower Upper

202 100

200 21.4 17.2 25.8

203 17.6 14.4 21.6





#79

Terphenyl-d14

Concen: 89.069 ng

RT: 19.910 min Scan# 2860

Delta R.T. -0.012 min

Lab File: BP024299.D

Acq: 15 Apr 2025 18:10

Instrument :

BNA\_P

ClientSampleId :

TP-1MS

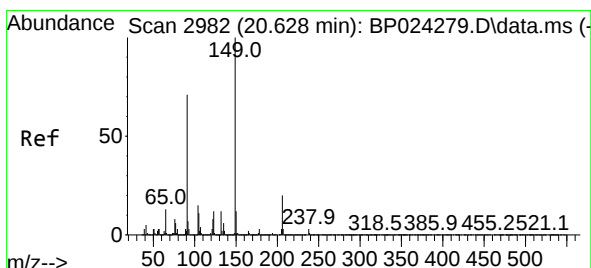
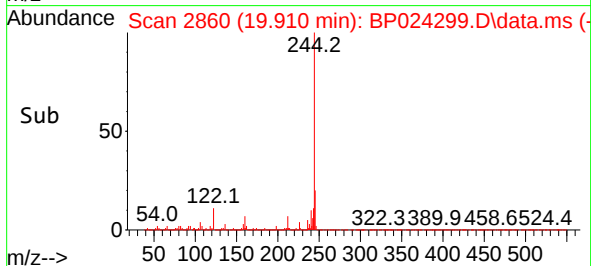
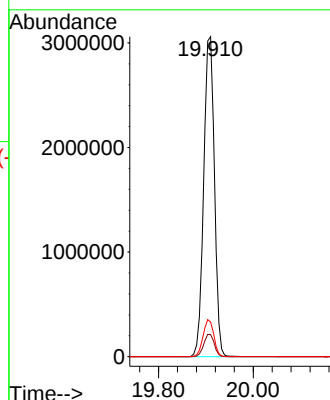
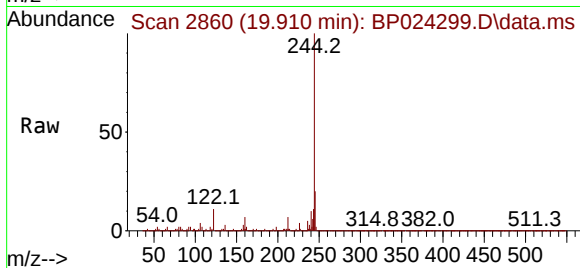
Tgt Ion:244 Resp: 4793355

Ion Ratio Lower Upper

244 100

212 6.9 5.6 8.4

122 10.8 9.4 14.0



#80

Butylbenzylphthalate

Concen: 49.913 ng

RT: 20.639 min Scan# 2984

Delta R.T. -0.006 min

Lab File: BP024299.D

Acq: 15 Apr 2025 18:10

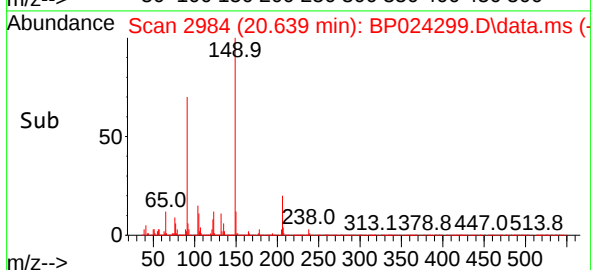
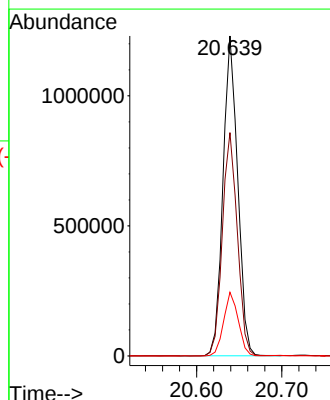
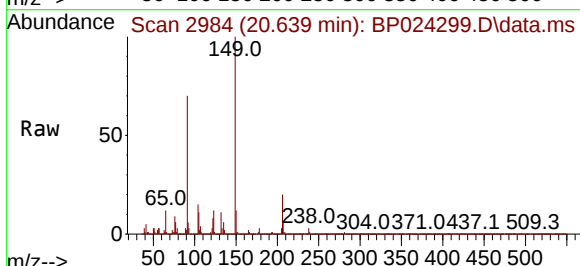
Tgt Ion:149 Resp: 1473781

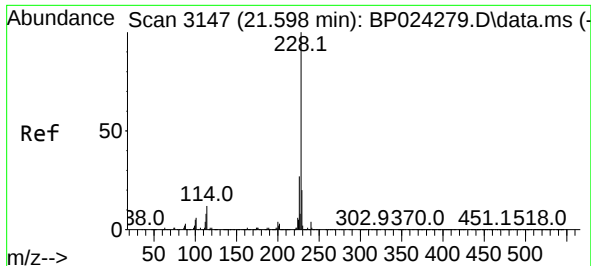
Ion Ratio Lower Upper

149 100

91 69.8 56.4 84.6

206 19.9 16.3 24.5

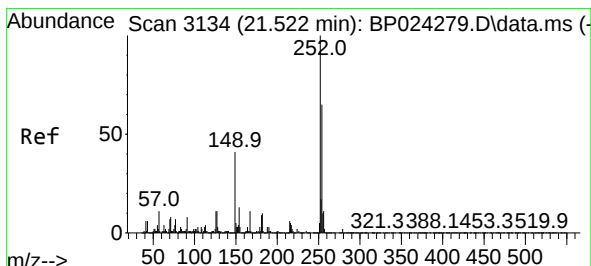
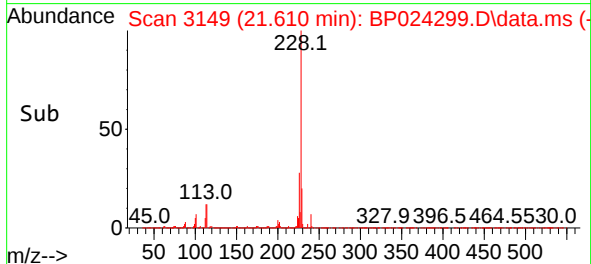
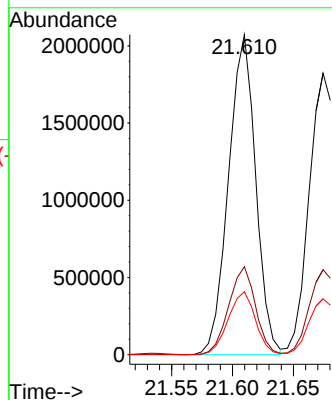
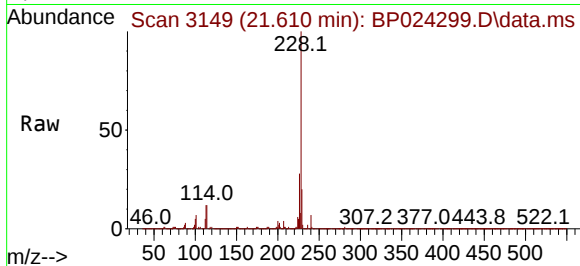




#81  
Benzo(a)anthracene  
Concen: 47.728 ng  
RT: 21.610 min Scan# 3149  
Delta R.T. 0.006 min  
Lab File: BP024299.D  
Acq: 15 Apr 2025 18:10

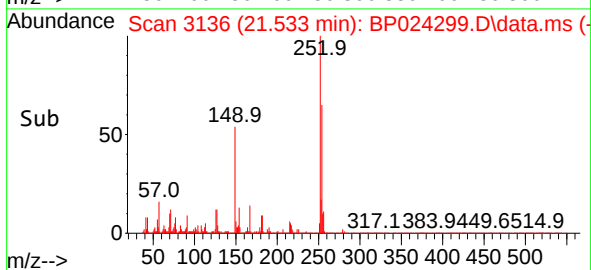
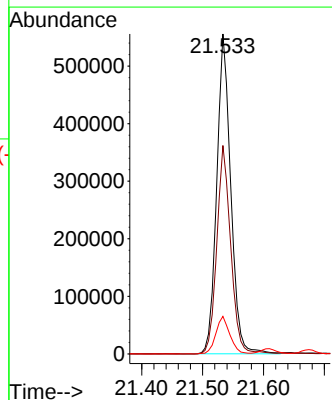
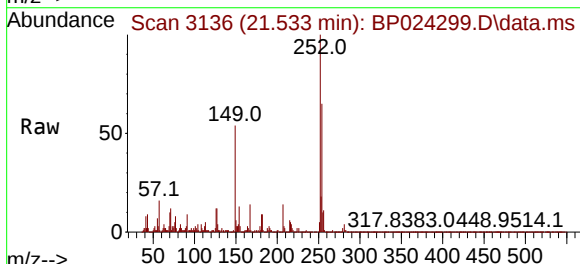
Instrument :  
BNA\_P  
ClientSampleId :  
TP-1MS

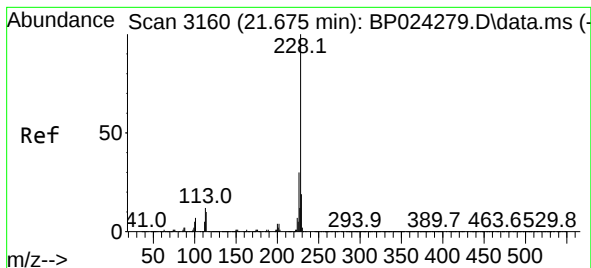
Tgt Ion:228 Resp: 3217974  
Ion Ratio Lower Upper  
228 100  
226 27.5 21.8 32.8  
229 19.7 15.9 23.9



#82  
3,3'-Dichlorobenzidine  
Concen: 37.566 ng  
RT: 21.533 min Scan# 3136  
Delta R.T. -0.006 min  
Lab File: BP024299.D  
Acq: 15 Apr 2025 18:10

Tgt Ion:252 Resp: 888986  
Ion Ratio Lower Upper  
252 100  
254 65.2 51.7 77.5  
126 11.8 8.8 13.2





#83

Chrysene

Concen: 46.685 ng

RT: 21.674 min Scan# 3160

Delta R.T. -0.006 min

Lab File: BP024299.D

Acq: 15 Apr 2025 18:10

Instrument :

BNA\_P

ClientSampleId :

TP-1MS

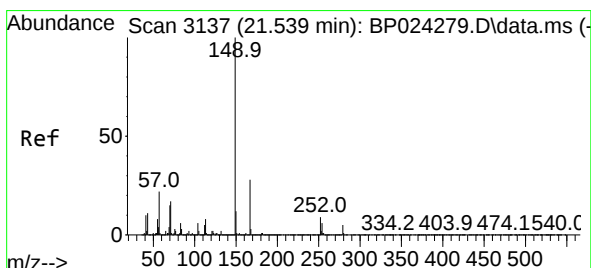
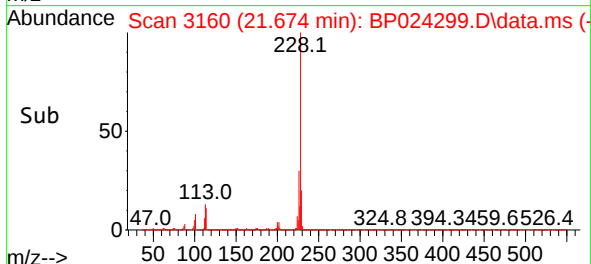
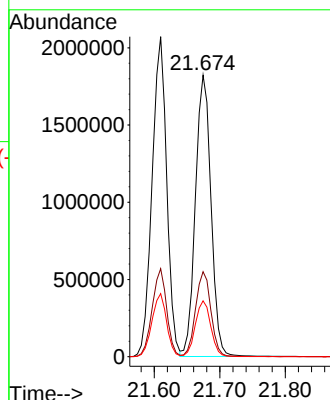
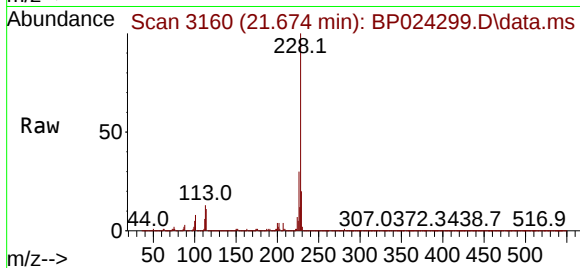
Tgt Ion:228 Resp: 3015605

Ion Ratio Lower Upper

228 100

226 30.2 24.2 36.2

229 19.9 15.6 23.4



#84

Bis(2-ethylhexyl)phthalate

Concen: 50.511 ng

RT: 21.551 min Scan# 3139

Delta R.T. 0.006 min

Lab File: BP024299.D

Acq: 15 Apr 2025 18:10

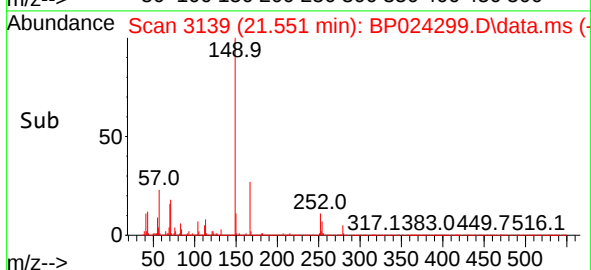
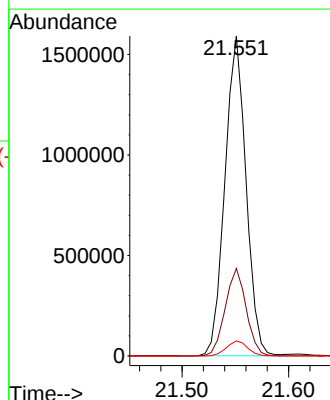
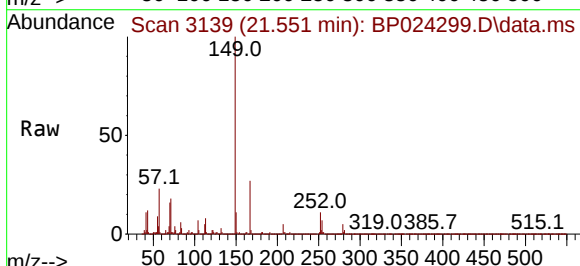
Tgt Ion:149 Resp: 2186401

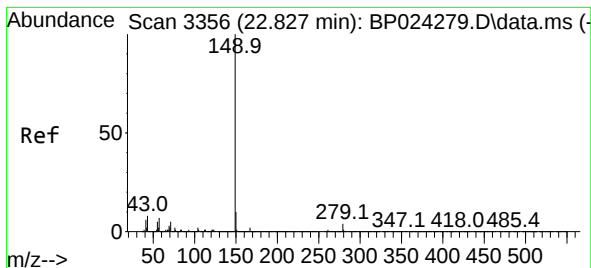
Ion Ratio Lower Upper

149 100

167 27.4 22.4 33.6

279 4.7 4.0 6.0





#85

Di-n-octyl phthalate

Concen: 52.512 ng

RT: 22.845 min Scan# 31

Delta R.T. 0.012 min

Lab File: BP024299.D

Acq: 15 Apr 2025 18:10

Instrument :

BNA\_P

ClientSampleId :

TP-1MS

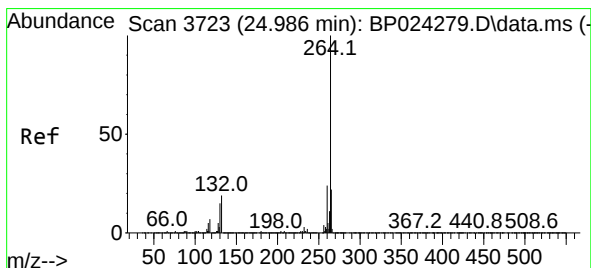
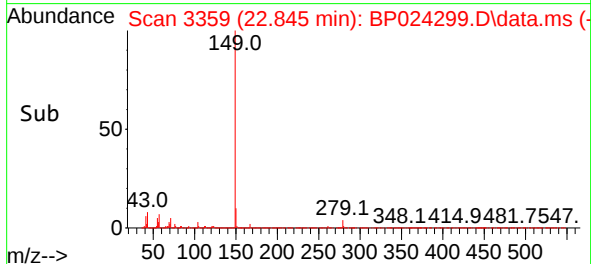
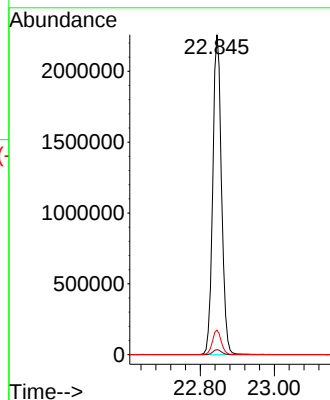
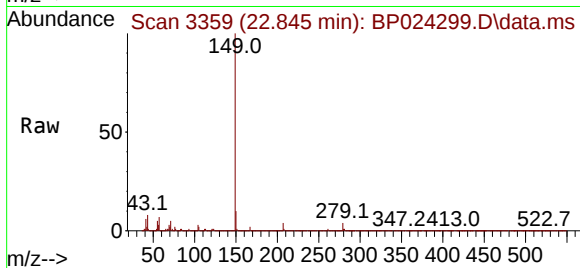
Tgt Ion:149 Resp: 3695270

Ion Ratio Lower Upper

149 100

167 1.5 1.2 1.8

43 7.7 6.0 9.0



#86

Perylene-d12

Concen: 20.000 ng

RT: 24.986 min Scan# 3723

Delta R.T. 0.000 min

Lab File: BP024299.D

Acq: 15 Apr 2025 18:10

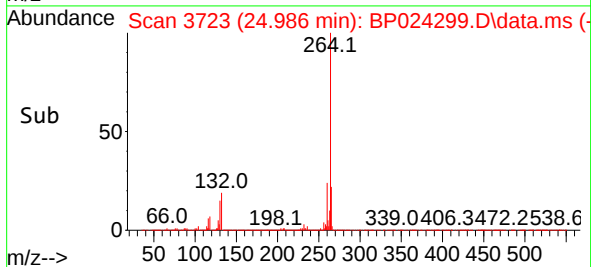
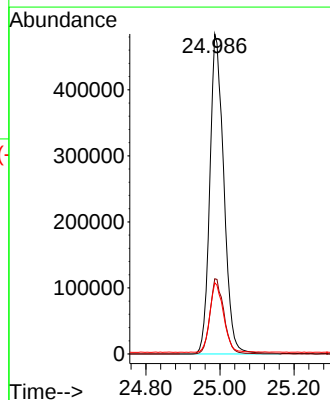
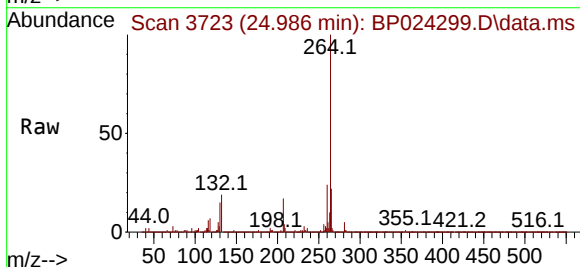
Tgt Ion:264 Resp: 1266831

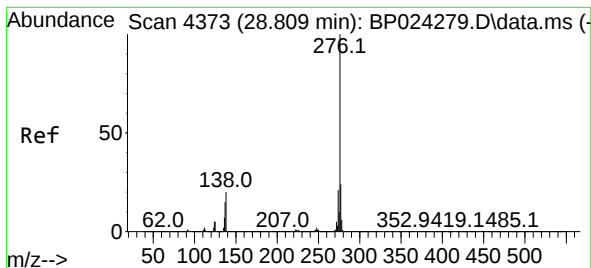
Ion Ratio Lower Upper

264 100

260 23.5 18.9 28.3

265 22.3 17.8 26.6





#87

Indeno(1,2,3-cd)pyrene

Concen: 44.672 ng

RT: 28.821 min Scan# 41

Delta R.T. 0.006 min

Lab File: BP024299.D

Acq: 15 Apr 2025 18:10

Instrument :

BNA\_P

ClientSampleId :

TP-1MS

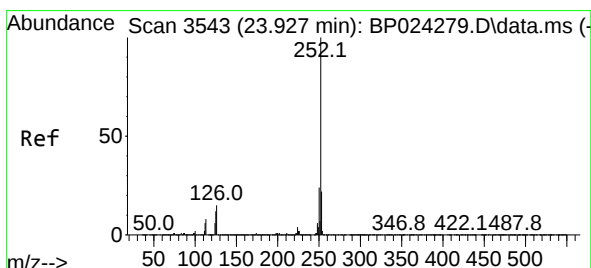
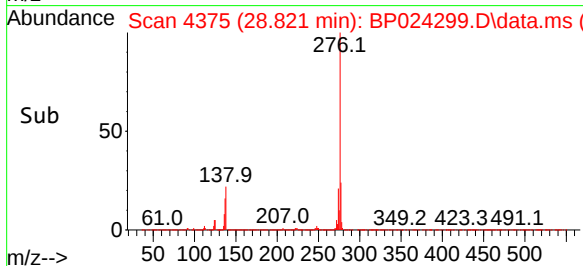
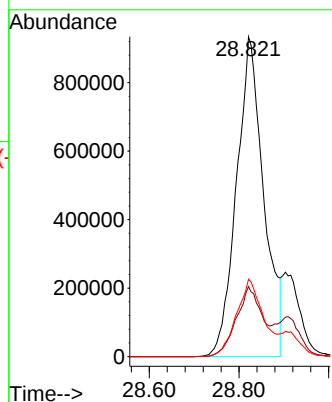
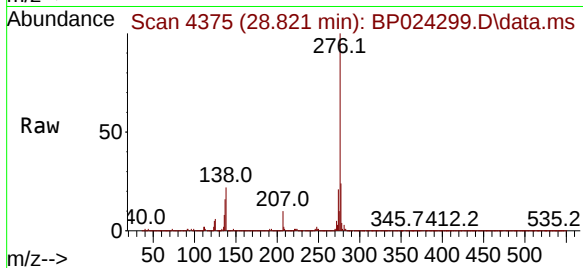
Tgt Ion:276 Resp: 3928869

Ion Ratio Lower Upper

276 100

138 20.5 14.5 21.7

277 23.9 20.2 30.2



#88

Benzo(b)fluoranthene

Concen: 47.045 ng

RT: 23.945 min Scan# 3546

Delta R.T. 0.012 min

Lab File: BP024299.D

Acq: 15 Apr 2025 18:10

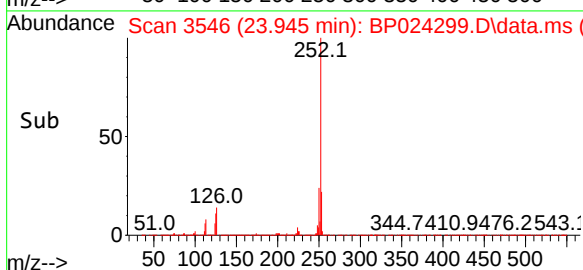
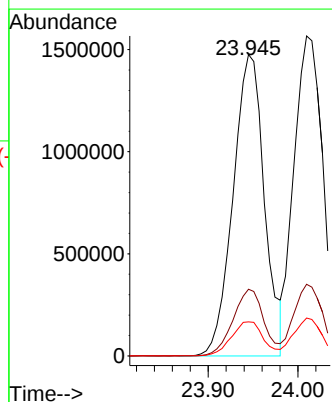
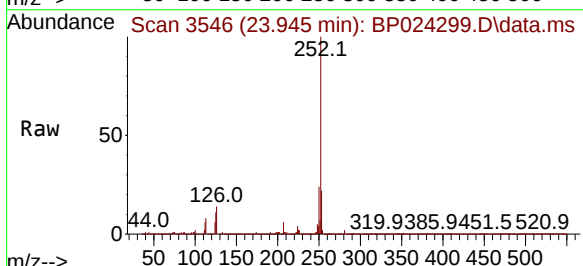
Tgt Ion:252 Resp: 3572357

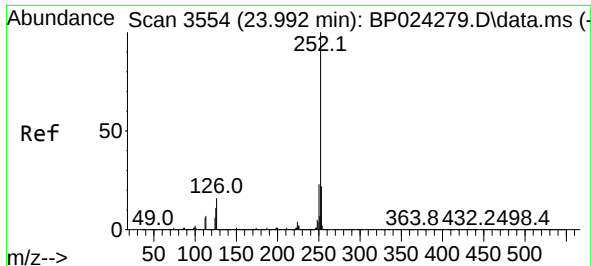
Ion Ratio Lower Upper

252 100

253 22.1 17.7 26.5

125 11.3 9.4 14.0

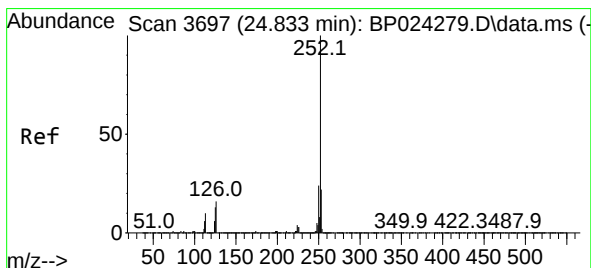
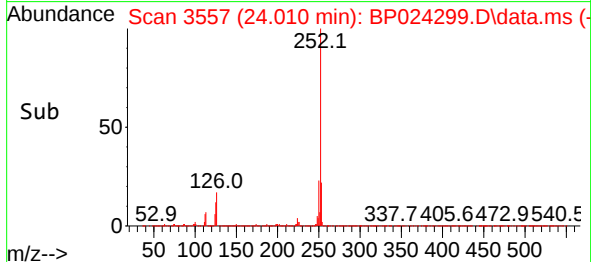
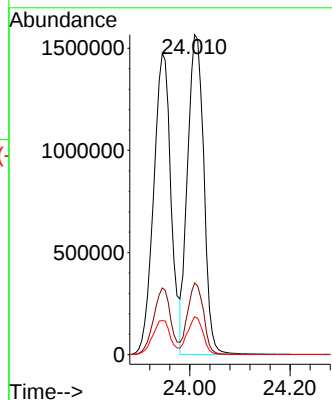
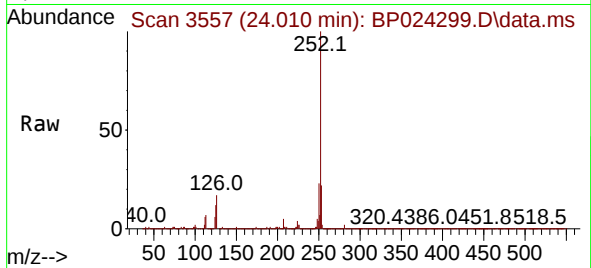




#89  
Benzo(k)fluoranthene  
Concen: 47.961 ng  
RT: 24.010 min Scan# 3554  
Delta R.T. 0.012 min  
Lab File: BP024299.D  
Acq: 15 Apr 2025 18:10

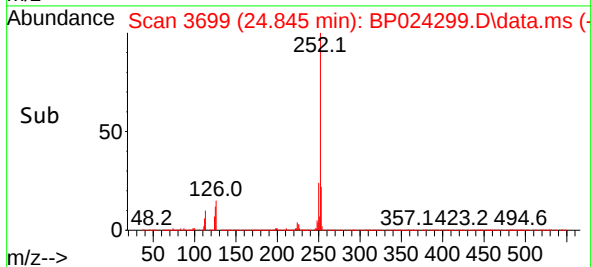
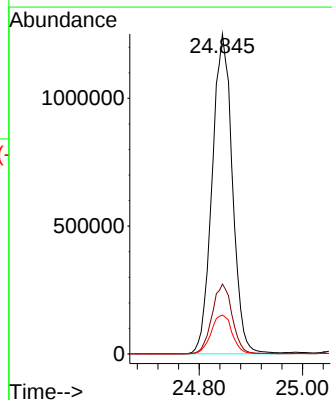
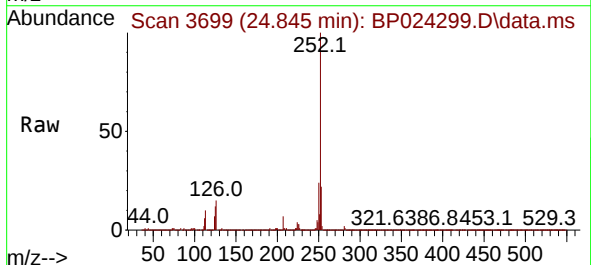
Instrument :  
BNA\_P  
ClientSampleId :  
TP-1MS

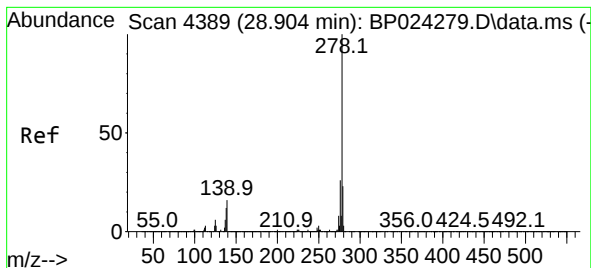
Tgt Ion:252 Resp: 3517866  
Ion Ratio Lower Upper  
252 100  
253 22.4 17.7 26.5  
125 11.8 9.1 13.7



#90  
Benzo(a)pyrene  
Concen: 51.925 ng  
RT: 24.845 min Scan# 3699  
Delta R.T. 0.012 min  
Lab File: BP024299.D  
Acq: 15 Apr 2025 18:10

Tgt Ion:252 Resp: 3401123  
Ion Ratio Lower Upper  
252 100  
253 21.9 17.6 26.4  
125 12.1 10.1 15.1





#91

Dibenzo(a,h)anthracene

Concen: 52.037 ng

RT: 28.915 min Scan# 4391

Delta R.T. 0.029 min

Lab File: BP024299.D

Acq: 15 Apr 2025 18:10

Instrument :

BNA\_P

ClientSampleId :

TP-1MS

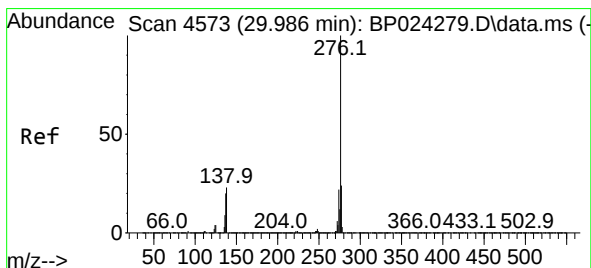
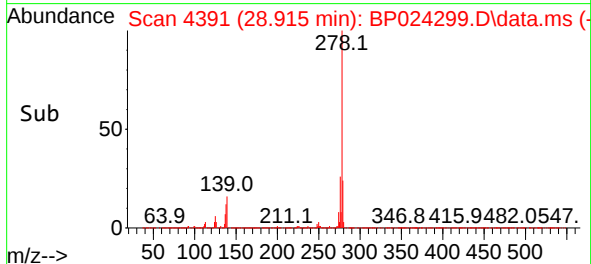
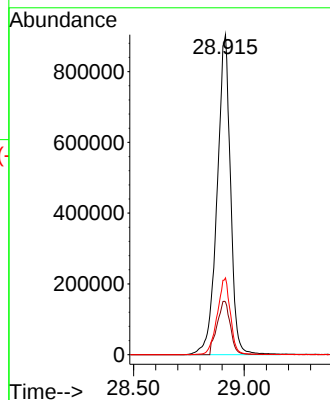
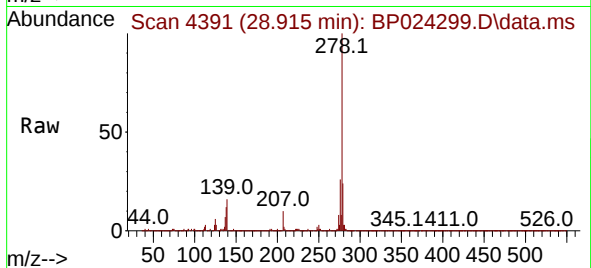
Tgt Ion:278 Resp: 3798677

Ion Ratio Lower Upper

278 100

139 16.5 12.6 19.0

279 24.0 18.5 27.7



#92

Benzo(g,h,i)perylene

Concen: 50.095 ng

RT: 30.015 min Scan# 4578

Delta R.T. 0.018 min

Lab File: BP024299.D

Acq: 15 Apr 2025 18:10

Tgt Ion:276 Resp: 3722267

Ion Ratio Lower Upper

276 100

277 23.8 18.9 28.3

138 22.3 18.7 28.1

