

Data Path : Z:\svoasrv\HPCHEM1\BNA\_P\Data\BP082925\  
 Data File : BP025627.D  
 Acq On : 29 Aug 2025 16:03  
 Operator : CG/JU  
 Sample : Q2986-05MS  
 Misc :  
 ALS Vial : 10 Sample Multiplier: 1

Instrument :  
 BNA\_P  
 ClientSampleId :  
 NORTH-TP-3MS

Quant Time: Aug 29 16:36:36 2025  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_P\Methods\8270E-BP081425.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Thu Aug 14 18:14:31 2025  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc   | Units | Dev(Min) |
|-------------------------------|--------|------|----------|--------|-------|----------|
| -----                         |        |      |          |        |       |          |
| Internal Standards            |        |      |          |        |       |          |
| 1) 1,4-Dichlorobenzene-d4     | 7.772  | 152  | 181929   | 20.000 | ng    | -0.02    |
| 21) Naphthalene-d8            | 10.543 | 136  | 716554   | 20.000 | ng    | -0.02    |
| 39) Acenaphthene-d10          | 14.390 | 164  | 454059   | 20.000 | ng    | -0.02    |
| 64) Phenanthrene-d10          | 17.195 | 188  | 923543   | 20.000 | ng    | 0.00     |
| 76) Chrysene-d12              | 21.648 | 240  | 1014373  | 20.000 | ng    | 0.00     |
| 86) Perylene-d12              | 25.013 | 264  | 1167534  | 20.000 | ng    | -0.02    |
| System Monitoring Compounds   |        |      |          |        |       |          |
| 5) 2-Fluorophenol             | 5.402  | 112  | 1017199  | 92.853 | ng    | 0.00     |
| 7) Phenol-d6                  | 6.966  | 99   | 1272927  | 90.631 | ng    | 0.00     |
| 23) Nitrobenzene-d5           | 8.913  | 82   | 820292   | 57.909 | ng    | -0.02    |
| 42) 2,4,6-Tribromophenol      | 15.907 | 330  | 584601   | 95.653 | ng    | 0.00     |
| 45) 2-Fluorobiphenyl          | 12.996 | 172  | 1717510  | 51.696 | ng    | -0.02    |
| 79) Terphenyl-d14             | 19.913 | 244  | 2963423  | 53.450 | ng    | 0.00     |
| Target Compounds              |        |      |          |        |       |          |
|                               |        |      |          |        |       | Qvalue   |
| 2) 1,4-Dioxane                | 3.320  | 88   | 171291   | 39.918 | ng    | 97       |
| 3) Pyridine                   | 3.714  | 79   | 473568   | 40.321 | ng    | 96       |
| 4) n-Nitrosodimethylamine     | 3.620  | 42   | 231945   | 47.902 | ng    | 96       |
| 6) Aniline                    | 7.108  | 93   | 480920   | 25.414 | ng    | 98       |
| 8) 2-Chlorophenol             | 7.355  | 128  | 570588   | 46.156 | ng    | 99       |
| 9) Benzaldehyde               | 6.925  | 77   | 245878   | 24.987 | ng    | 94       |
| 10) Phenol                    | 6.990  | 94   | 684361   | 46.436 | ng    | 98       |
| 11) bis(2-Chloroethyl)ether   | 7.202  | 93   | 513230   | 44.679 | ng    | 99       |
| 12) 1,3-Dichlorobenzene       | 7.666  | 146  | 606286   | 44.477 | ng    | 99       |
| 13) 1,4-Dichlorobenzene       | 7.808  | 146  | 617594   | 44.327 | ng    | 99       |
| 14) 1,2-Dichlorobenzene       | 8.125  | 146  | 598798   | 44.398 | ng    | 99       |
| 15) Benzyl Alcohol            | 8.014  | 79   | 500838   | 44.879 | ng    | 99       |
| 16) 2,2'-oxybis(1-Chloropr... | 8.296  | 45   | 699079   | 45.430 | ng    | 99       |
| 17) 2-Methylphenol            | 8.219  | 107  | 467738   | 45.697 | ng    | 99       |
| 18) Hexachloroethane          | 8.837  | 117  | 230152   | 44.927 | ng    | 97       |
| 19) n-Nitroso-di-n-propyla... | 8.566  | 70   | 389494   | 41.866 | ng    | 98       |
| 20) 3+4-Methylphenols         | 8.543  | 107  | 622669   | 43.886 | ng    | 96       |
| 22) Acetophenone              | 8.584  | 105  | 813212   | 45.255 | ng    | # 98     |
| 24) Nitrobenzene              | 8.955  | 77   | 589669   | 46.579 | ng    | 97       |
| 25) Isophorone                | 9.478  | 82   | 1105125  | 44.084 | ng    | 99       |
| 26) 2-Nitrophenol             | 9.660  | 139  | 310529   | 47.796 | ng    | 98       |
| 27) 2,4-Dimethylphenol        | 9.725  | 122  | 520228   | 46.561 | ng    | 99       |
| 28) bis(2-Chloroethoxy)met... | 9.949  | 93   | 679590   | 44.847 | ng    | 97       |
| 29) 2,4-Dichlorophenol        | 10.202 | 162  | 521123   | 46.952 | ng    | 98       |
| 30) 1,2,4-Trichlorobenzene    | 10.402 | 180  | 548221   | 45.058 | ng    | 98       |
| 31) Naphthalene               | 10.590 | 128  | 1661162  | 44.603 | ng    | 100      |
| 32) Benzoic acid              | 9.890  | 122  | 412947   | 50.062 | ng    | 98       |
| 33) 4-Chloroaniline           | 10.696 | 127  | 266434   | 16.195 | ng    | 99       |
| 34) Hexachlorobutadiene       | 10.872 | 225  | 344280   | 45.436 | ng    | 97       |
| 35) Caprolactam               | 11.490 | 113  | 185231   | 45.513 | ng    | 96       |
| 36) 4-Chloro-3-methylphenol   | 11.831 | 107  | 595213   | 46.735 | ng    | 97       |
| 37) 2-Methylnaphthalene       | 12.196 | 142  | 1056504  | 43.591 | ng    | 98       |
| 38) 1-Methylnaphthalene       | 12.419 | 142  | 1114138  | 43.226 | ng    | 100      |
| 40) 1,2,4,5-Tetrachloroben... | 12.566 | 216  | 603317   | 46.006 | ng    | 99       |
| 41) Hexachlorocyclopentadiene | 12.549 | 237  | 662939   | 83.692 | ng    | 99       |
| 43) 2,4,6-Trichlorophenol     | 12.813 | 196  | 427588   | 48.298 | ng    | 99       |

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 Sample : Q2986-05MS  
 Misc :  
 ALS Vial : 10 Sample Multiplier: 1

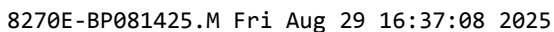
Instrument :  
 BNA\_P  
 ClientSampleId :  
 NORTH-TP-3MS

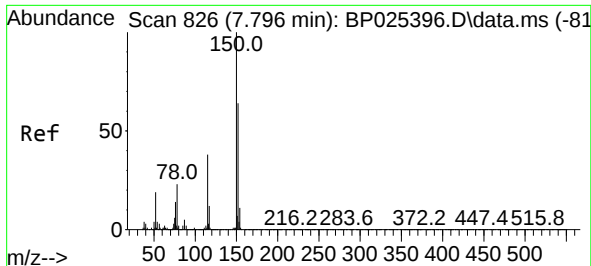
Quant Time: Aug 29 16:36:36 2025  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_P\Methods\8270E-BP081425.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Thu Aug 14 18:14:31 2025  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc    | Units | Dev(Min) |
|-------------------------------|--------|------|----------|---------|-------|----------|
| 44) 2,4,5-Trichlorophenol     | 12.896 | 196  | 479807   | 49.450  | ng    | 99       |
| 46) 1,1'-Biphenyl             | 13.207 | 154  | 1523973  | 46.214  | ng    | 98       |
| 47) 2-Chloronaphthalene       | 13.249 | 162  | 1179469  | 45.944  | ng    | 99       |
| 48) 2-Nitroaniline            | 13.454 | 65   | 374389   | 50.051  | ng    | 100      |
| 49) Acenaphthylene            | 14.107 | 152  | 1972243  | 46.428  | ng    | 99       |
| 50) Dimethylphthalate         | 13.843 | 163  | 1520068  | 45.716  | ng    | 100      |
| 51) 2,6-Dinitrotoluene        | 13.954 | 165  | 338405   | 48.287  | ng    | 94       |
| 52) Acenaphthene              | 14.454 | 154  | 1118956  | 44.876  | ng    | 100      |
| 53) 3-Nitroaniline            | 14.290 | 138  | 196614   | 24.936  | ng    | 99       |
| 54) 2,4-Dinitrophenol         | 14.507 | 184  | 409774   | 109.490 | ng    | 98       |
| 55) Dibenzofuran              | 14.796 | 168  | 1793894  | 45.505  | ng    | 99       |
| 56) 4-Nitrophenol             | 14.631 | 139  | 619871   | 95.670  | ng    | 98       |
| 57) 2,4-Dinitrotoluene        | 14.760 | 165  | 503227   | 50.328  | ng    | 98       |
| 58) Fluorene                  | 15.454 | 166  | 1443560  | 46.407  | ng    | 98       |
| 59) 2,3,4,6-Tetrachlorophenol | 15.031 | 232  | 421336   | 49.179  | ng    | 99       |
| 60) Diethylphthalate          | 15.231 | 149  | 1591585  | 47.108  | ng    | 99       |
| 61) 4-Chlorophenyl-phenyle... | 15.448 | 204  | 725104   | 46.870  | ng    | 98       |
| 62) 4-Nitroaniline            | 15.478 | 138  | 370448   | 45.828  | ng    | 98       |
| 63) Azobenzene                | 15.748 | 77   | 1566353  | 54.144  | ng    | 98       |
| 65) 4,6-Dinitro-2-methylph... | 15.543 | 198  | 290987   | 50.546  | ng    | 92       |
| 66) n-Nitrosodiphenylamine    | 15.666 | 169  | 1300935  | 46.194  | ng    | 99       |
| 67) 4-Bromophenyl-phenylether | 16.360 | 248  | 471538   | 46.424  | ng    | 99       |
| 68) Hexachlorobenzene         | 16.490 | 284  | 544911   | 46.279  | ng    | 98       |
| 69) Atrazine                  | 16.648 | 200  | 495221   | 46.954  | ng    | 99       |
| 70) Pentachlorophenol         | 16.848 | 266  | 755317   | 101.622 | ng    | 98       |
| 71) Phenanthrene              | 17.242 | 178  | 2307702  | 45.487  | ng    | 99       |
| 72) Anthracene                | 17.337 | 178  | 2420914  | 46.728  | ng    | 100      |
| 73) Carbazole                 | 17.619 | 167  | 2340208  | 47.956  | ng    | 99       |
| 74) Di-n-butylphthalate       | 18.207 | 149  | 2922520  | 48.677  | ng    | 99       |
| 75) Fluoranthene              | 19.331 | 202  | 2864338  | 47.332  | ng    | 99       |
| 77) Benzidine                 | 19.513 | 184  | 1428879  | 41.275  | ng    | 99       |
| 78) Pyrene                    | 19.707 | 202  | 2944800  | 44.665  | ng    | 100      |
| 80) Butylbenzylphthalate      | 20.642 | 149  | 1446936  | 48.424  | ng    | 98       |
| 81) Benzo(a)anthracene        | 21.630 | 228  | 3084108  | 46.101  | ng    | 100      |
| 82) 3,3'-Dichlorobenzidine    | 21.542 | 252  | 638325   | 25.315  | ng    | 99       |
| 83) Chrysene                  | 21.695 | 228  | 2894243  | 46.197  | ng    | 99       |
| 84) Bis(2-ethylhexyl)phtha... | 21.554 | 149  | 2101549  | 47.778  | ng    | 99       |
| 85) Di-n-octyl phthalate      | 22.836 | 149  | 3735372  | 49.372  | ng    | 98       |
| 87) Indeno(1,2,3-cd)pyrene    | 28.865 | 276  | 3971348  | 46.382  | ng    | 94       |
| 88) Benzo(b)fluoranthene      | 23.948 | 252  | 3241476  | 47.083  | ng    | 99       |
| 89) Benzo(k)fluoranthene      | 24.024 | 252  | 3180886  | 46.171  | ng    | 100      |
| 90) Benzo(a)pyrene            | 24.860 | 252  | 3119532  | 46.549  | ng    | 99       |
| 91) Dibenzo(a,h)anthracene    | 28.954 | 278  | 3254902  | 46.518  | ng    | 97       |
| 92) Benzo(g,h,i)perylene      | 30.071 | 276  | 3197569  | 46.490  | ng    | 98       |

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

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QLast Update : Thu Aug 14 18:14:31 2025  
Response via : Initial Calibration

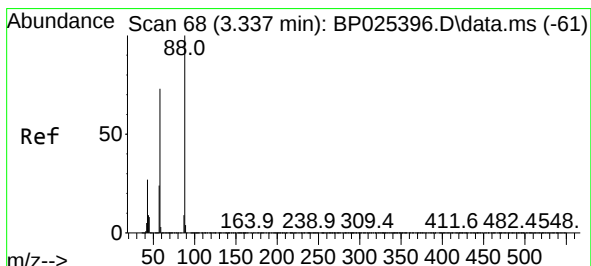
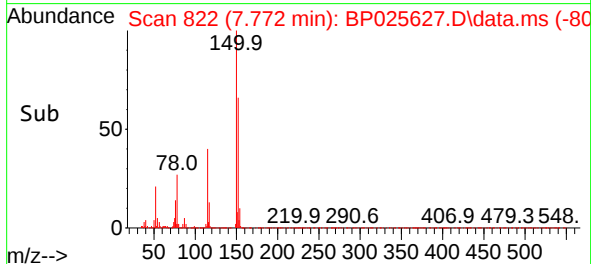
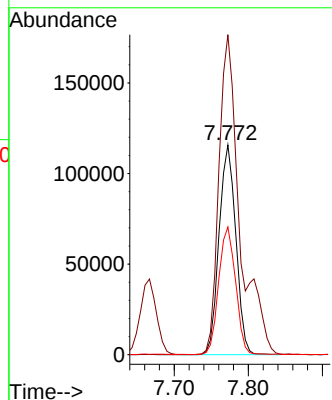
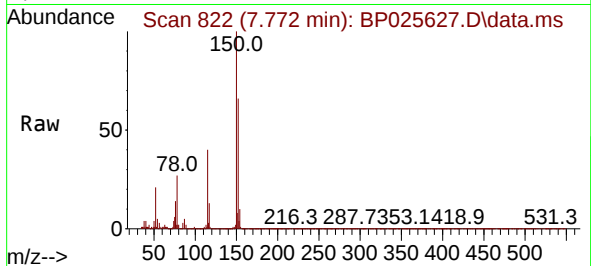




#1  
 1,4-Dichlorobenzene-d4  
 Concen: 20.000 ng  
 RT: 7.772 min Scan# 81  
 Delta R.T. -0.024 min  
 Lab File: BP025627.D  
 Acq: 29 Aug 2025 16:03

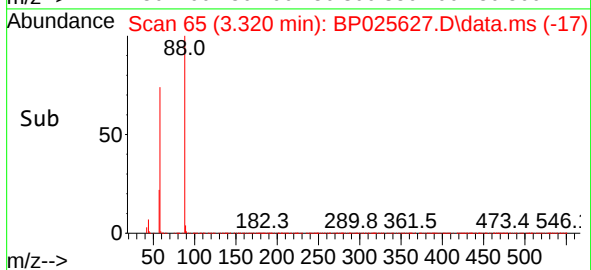
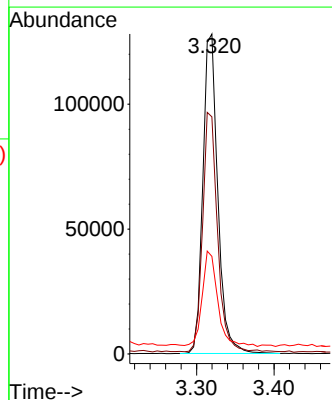
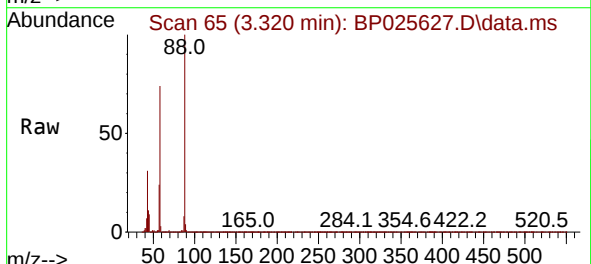
Instrument :  
 BNA\_P  
 ClientSampleId :  
 NORTH-TP-3MS

Tgt Ion:152 Resp: 181929  
 Ion Ratio Lower Upper  
 152 100  
 150 152.5 125.9 188.9  
 115 60.9 48.5 72.7



#2  
 1,4-Dioxane  
 Concen: 39.918 ng  
 RT: 3.320 min Scan# 65  
 Delta R.T. -0.017 min  
 Lab File: BP025627.D  
 Acq: 29 Aug 2025 16:03

Tgt Ion: 88 Resp: 171291  
 Ion Ratio Lower Upper  
 88 100  
 58 74.7 59.2 88.8  
 43 31.1 21.7 32.5

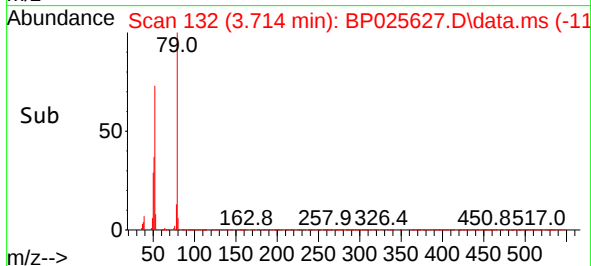
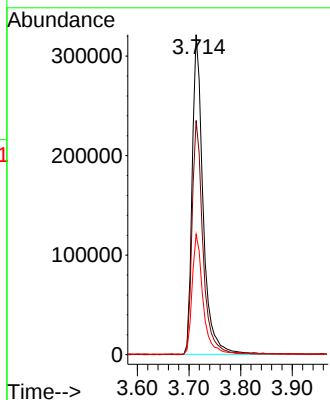
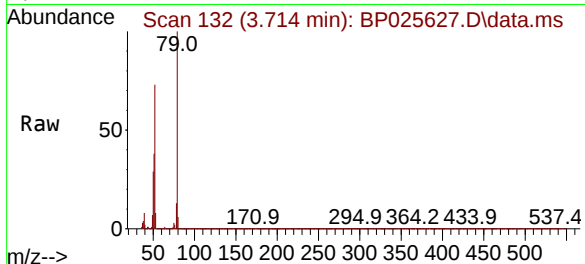




#3  
Pyridine  
Concen: 40.321 ng  
RT: 3.714 min Scan# 11  
Delta R.T. -0.017 min  
Lab File: BP025627.D  
Acq: 29 Aug 2025 16:03

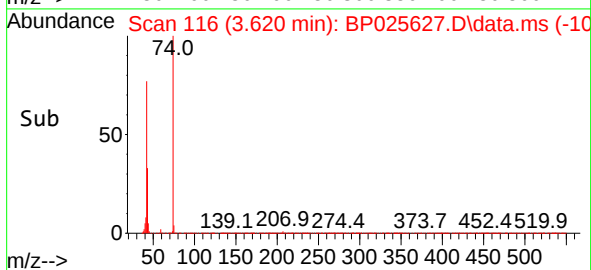
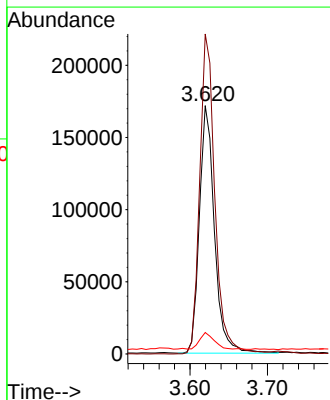
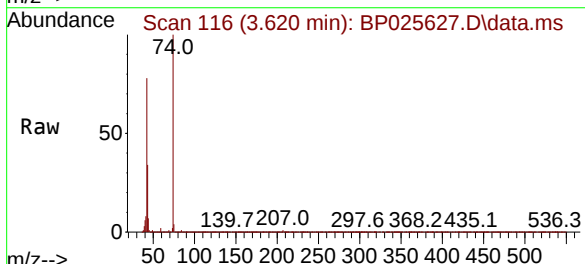
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ClientSampleId :  
NORTH-TP-3MS

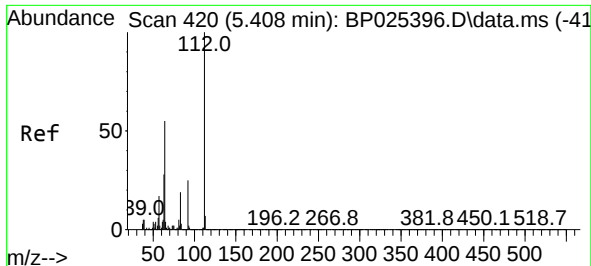
Tgt Ion: 79 Resp: 473568  
Ion Ratio Lower Upper  
79 100  
52 73.2 55.5 83.3  
51 37.6 28.3 42.5



#4  
n-Nitrosodimethylamine  
Concen: 47.902 ng  
RT: 3.620 min Scan# 116  
Delta R.T. -0.017 min  
Lab File: BP025627.D  
Acq: 29 Aug 2025 16:03

Tgt Ion: 42 Resp: 231945  
Ion Ratio Lower Upper  
42 100  
74 128.9 107.0 160.4  
44 8.7 6.2 9.4

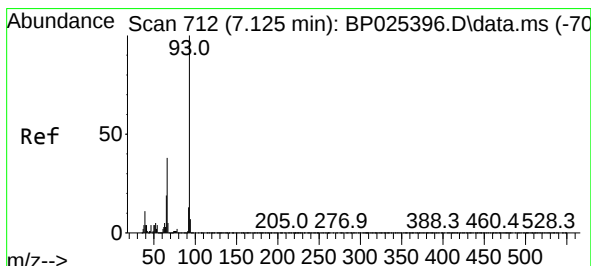
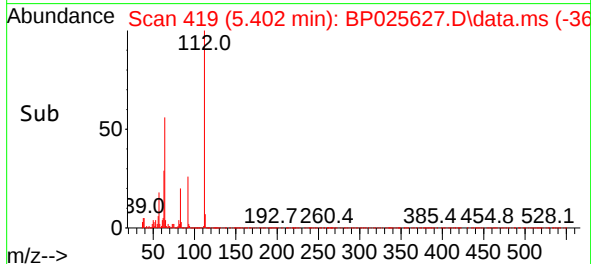
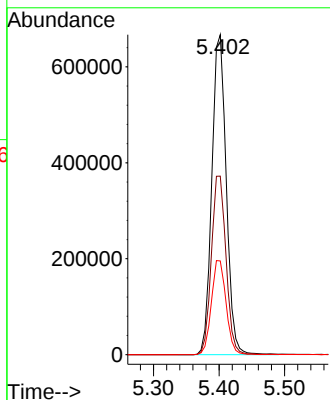
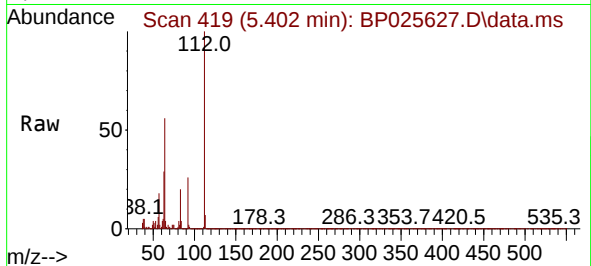




#5  
2-Fluorophenol  
Concen: 92.853 ng  
RT: 5.402 min Scan# 41  
Delta R.T. -0.006 min  
Lab File: BP025627.D  
Acq: 29 Aug 2025 16:03

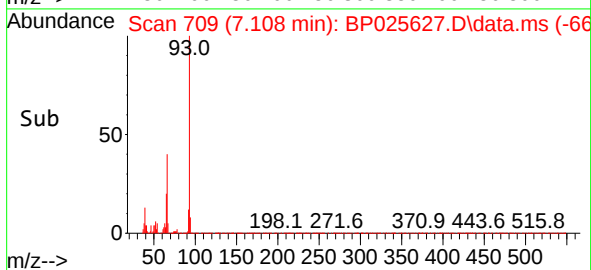
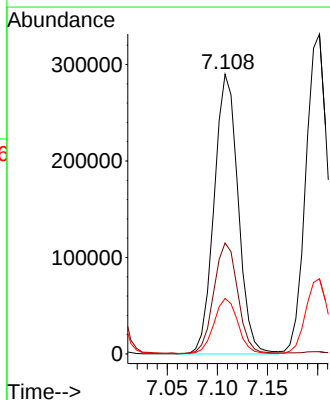
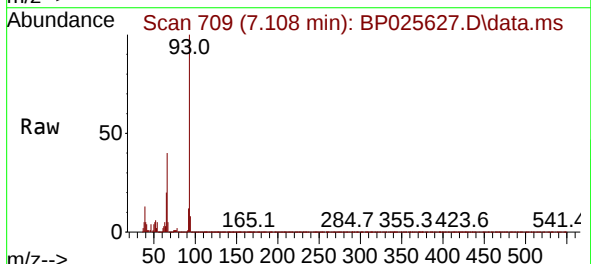
Instrument :  
BNA\_P  
ClientSampleId :  
NORTH-TP-3MS

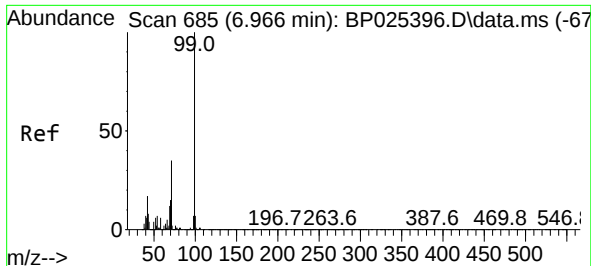
Tgt Ion:112 Resp: 1017199  
Ion Ratio Lower Upper  
112 100  
64 55.8 43.8 65.8  
63 29.3 22.7 34.1



#6  
Aniline  
Concen: 25.414 ng  
RT: 7.108 min Scan# 709  
Delta R.T. -0.017 min  
Lab File: BP025627.D  
Acq: 29 Aug 2025 16:03

Tgt Ion: 93 Resp: 480920  
Ion Ratio Lower Upper  
93 100  
66 39.7 30.4 45.6  
65 19.8 15.3 22.9



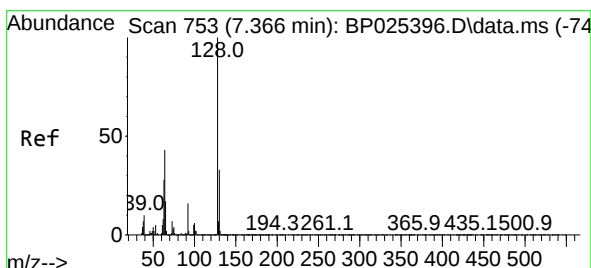
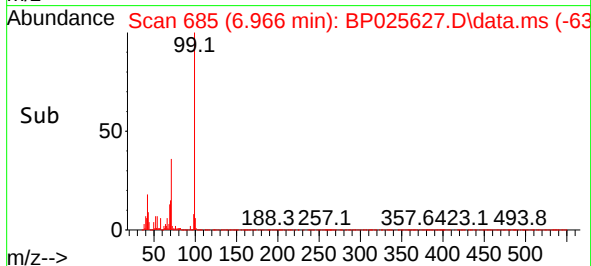
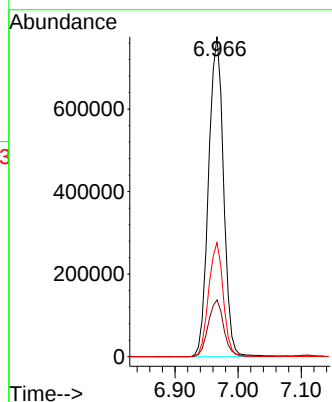
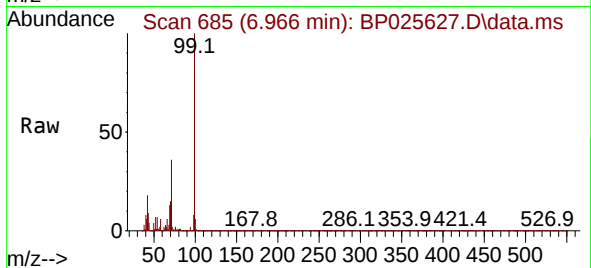


#7  
Phenol-d6  
Concen: 90.631 ng  
RT: 6.966 min Scan# 685  
Delta R.T. 0.000 min  
Lab File: BP025627.D  
Acq: 29 Aug 2025 16:03

Instrument :  
BNA\_P  
ClientSampleId :  
NORTH-TP-3MS

Tgt Ion: 99 Resp: 1272927

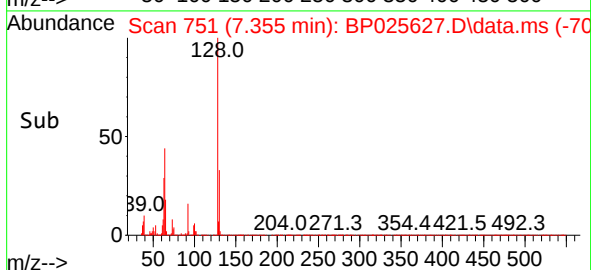
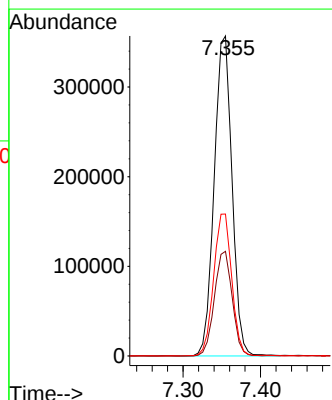
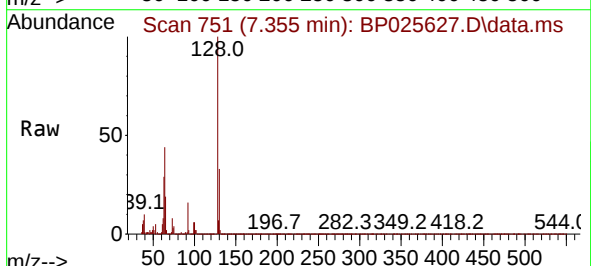
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 99  | 100   |       |       |
| 42  | 17.7  | 13.7  | 20.5  |
| 71  | 35.6  | 28.2  | 42.4  |

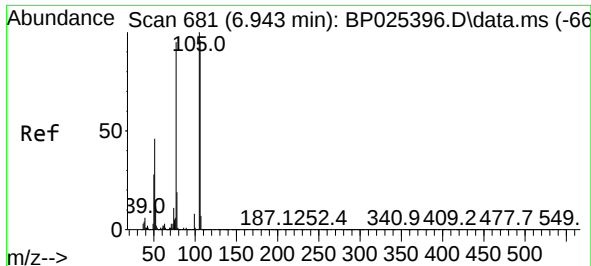


#8  
2-Chlorophenol  
Concen: 46.156 ng  
RT: 7.355 min Scan# 751  
Delta R.T. -0.012 min  
Lab File: BP025627.D  
Acq: 29 Aug 2025 16:03

Tgt Ion: 128 Resp: 570588

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 128 | 100   |       |       |
| 130 | 32.7  | 12.6  | 52.6  |
| 64  | 44.4  | 23.4  | 63.4  |

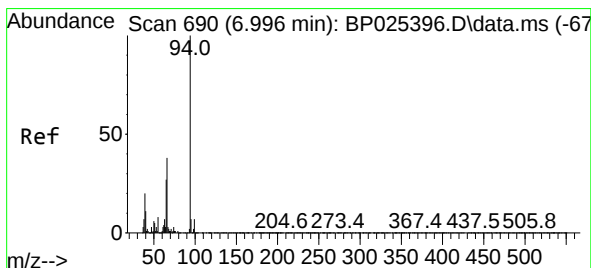
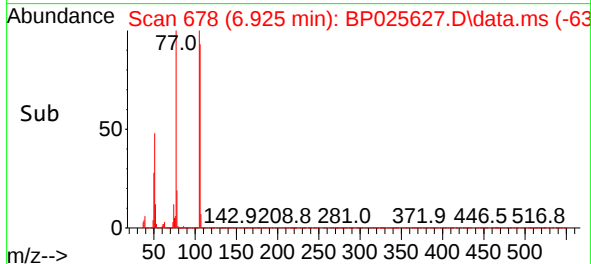
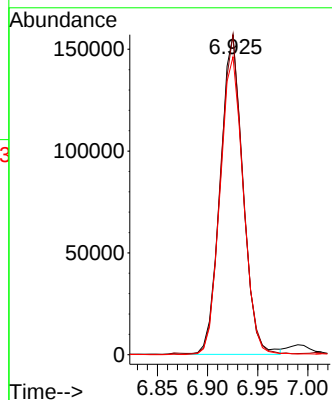
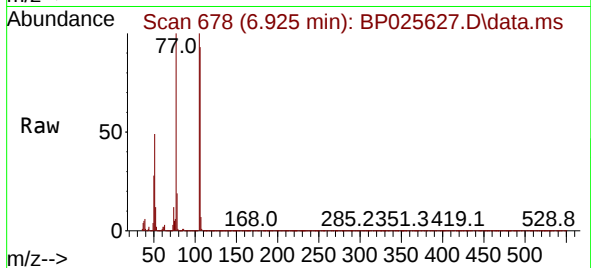




#9  
Benzaldehyde  
Concen: 24.987 ng  
RT: 6.925 min Scan# 61  
Delta R.T. -0.017 min  
Lab File: BP025627.D  
Acq: 29 Aug 2025 16:03

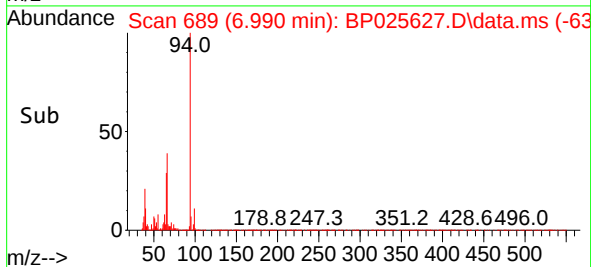
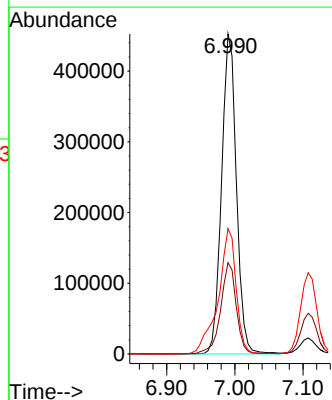
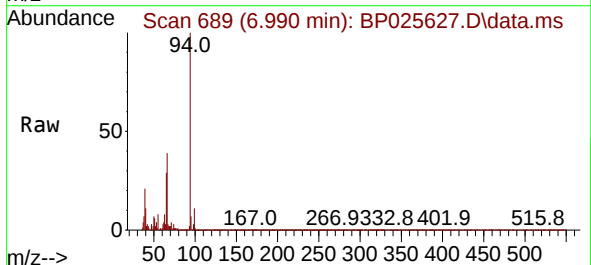
Instrument :  
BNA\_P  
ClientSampleId :  
NORTH-TP-3MS

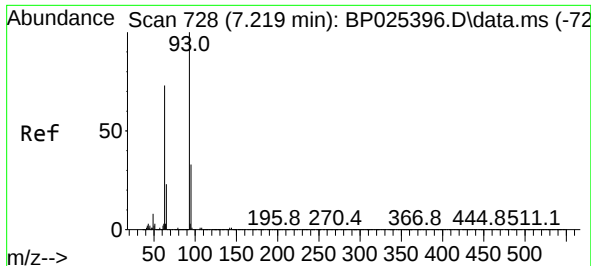
Tgt Ion: 77 Resp: 245878  
Ion Ratio Lower Upper  
77 100  
105 100.2 84.8 124.8  
106 93.3 80.5 120.5



#10  
Phenol  
Concen: 46.436 ng  
RT: 6.990 min Scan# 689  
Delta R.T. -0.006 min  
Lab File: BP025627.D  
Acq: 29 Aug 2025 16:03

Tgt Ion: 94 Resp: 684361  
Ion Ratio Lower Upper  
94 100  
65 28.6 6.8 46.8  
66 39.2 18.2 58.2

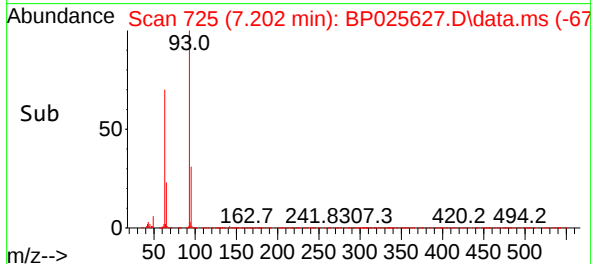
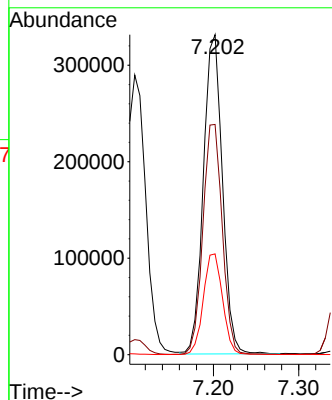
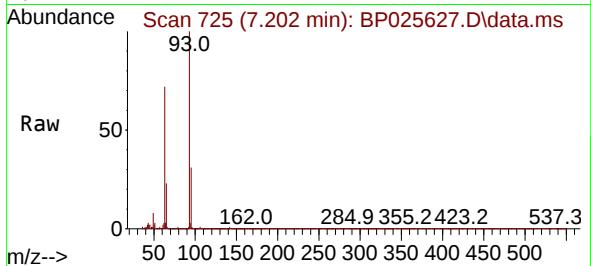




#11  
bis(2-Chloroethyl)ether  
Concen: 44.679 ng  
RT: 7.202 min Scan# 71  
Delta R.T. -0.017 min  
Lab File: BP025627.D  
Acq: 29 Aug 2025 16:03

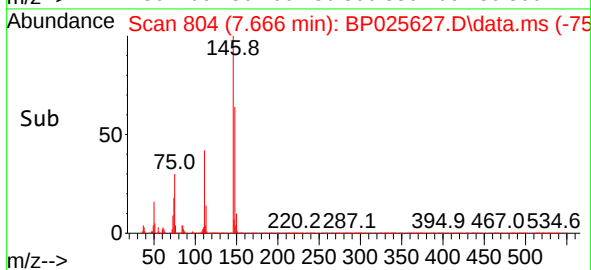
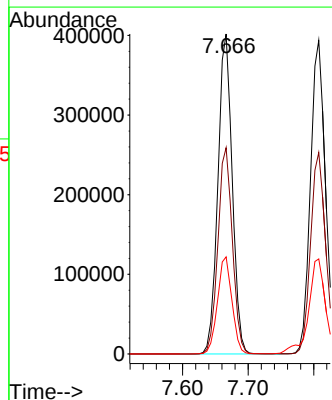
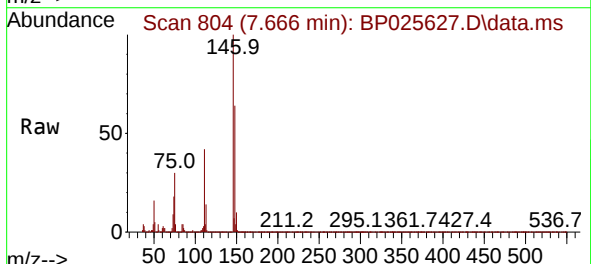
Instrument :  
BNA\_P  
ClientSampleId :  
NORTH-TP-3MS

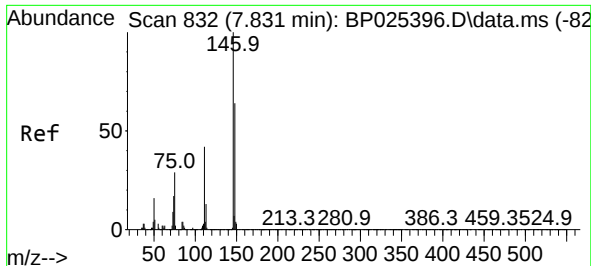
Tgt Ion: 93 Resp: 513230  
Ion Ratio Lower Upper  
93 100  
63 71.9 52.6 92.6  
95 31.5 12.7 52.7



#12  
1,3-Dichlorobenzene  
Concen: 44.477 ng  
RT: 7.666 min Scan# 804  
Delta R.T. -0.017 min  
Lab File: BP025627.D  
Acq: 29 Aug 2025 16:03

Tgt Ion: 146 Resp: 606286  
Ion Ratio Lower Upper  
146 100  
148 64.5 51.9 77.9  
75 30.3 23.7 35.5

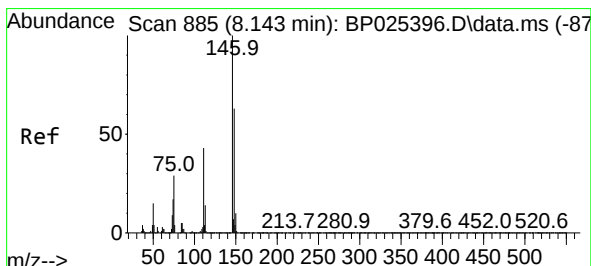
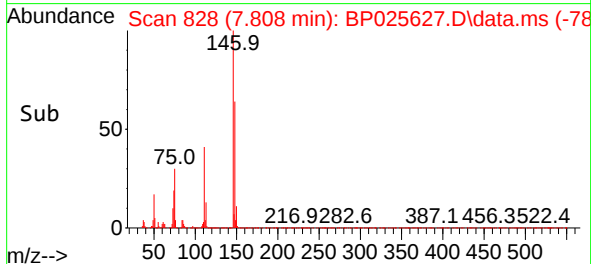
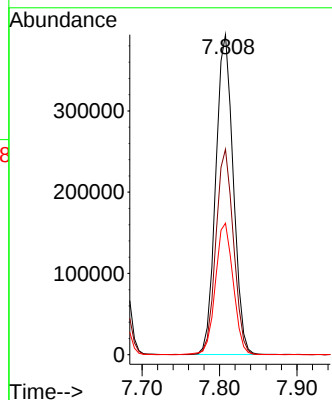
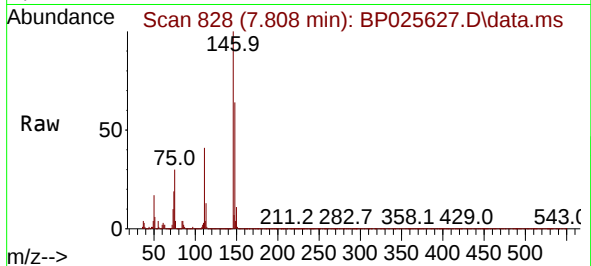




#13  
1,4-Dichlorobenzene  
Concen: 44.327 ng  
RT: 7.808 min Scan# 81  
Delta R.T. -0.023 min  
Lab File: BP025627.D  
Acq: 29 Aug 2025 16:03

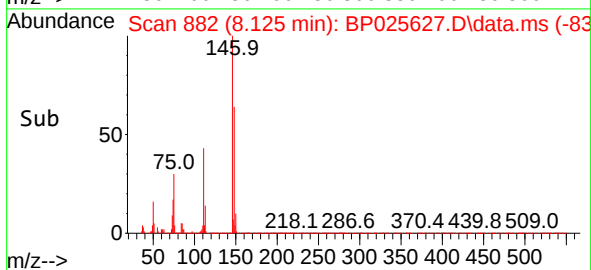
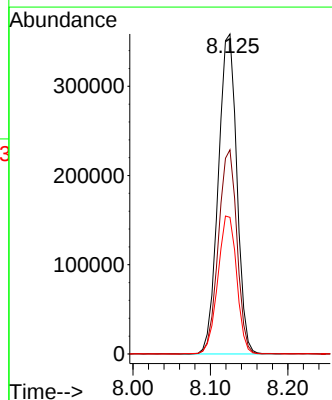
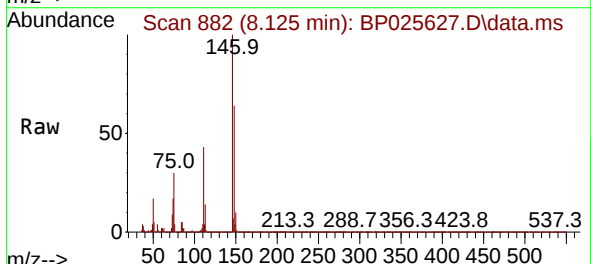
Instrument :  
BNA\_P  
ClientSampleId :  
NORTH-TP-3MS

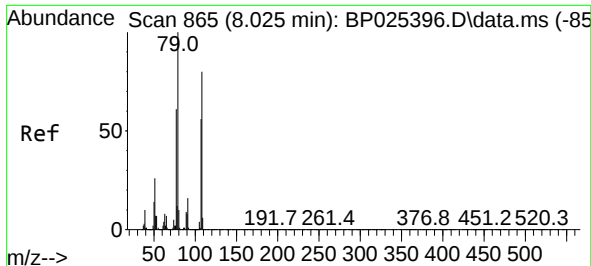
Tgt Ion:146 Resp: 617594  
Ion Ratio Lower Upper  
146 100  
148 64.2 51.6 77.4  
111 41.1 33.4 50.0



#14  
1,2-Dichlorobenzene  
Concen: 44.398 ng  
RT: 8.125 min Scan# 882  
Delta R.T. -0.017 min  
Lab File: BP025627.D  
Acq: 29 Aug 2025 16:03

Tgt Ion:146 Resp: 598798  
Ion Ratio Lower Upper  
146 100  
148 63.8 50.4 75.6  
111 42.7 34.5 51.7

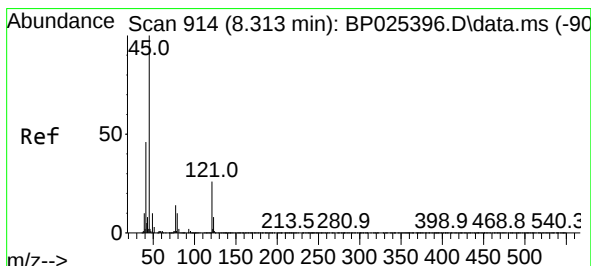
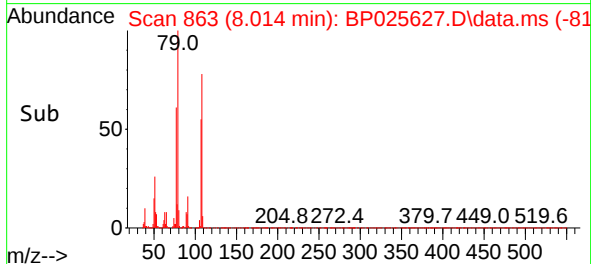
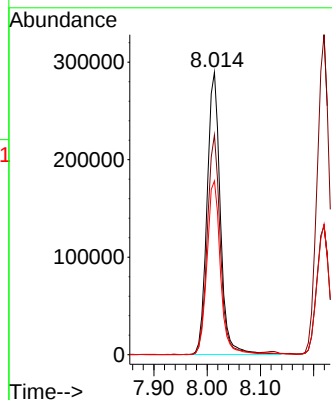
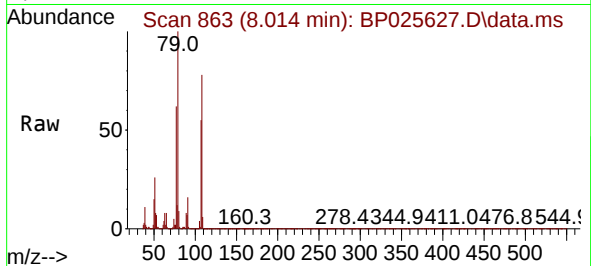




#15  
Benzyl Alcohol  
Concen: 44.879 ng  
RT: 8.014 min Scan# 863  
Delta R.T. -0.012 min  
Lab File: BP025627.D  
Acq: 29 Aug 2025 16:03

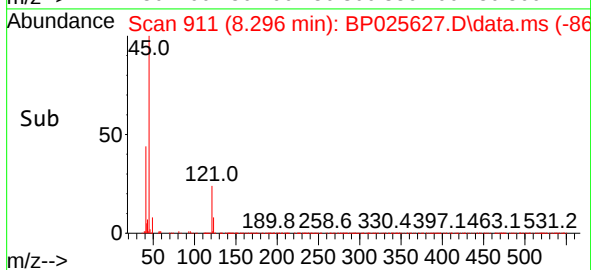
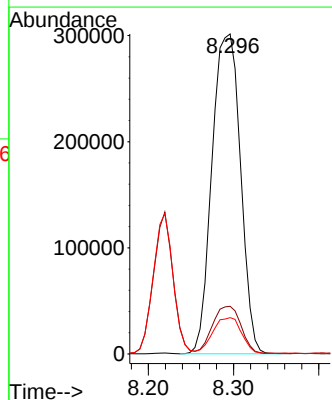
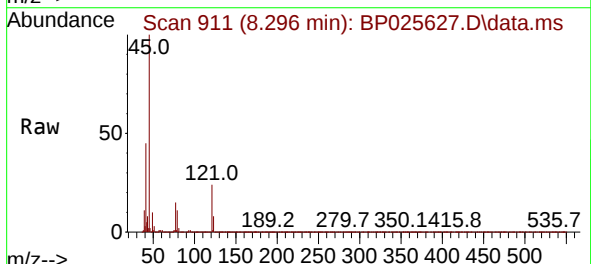
Instrument :  
BNA\_P  
ClientSampleId :  
NORTH-TP-3MS

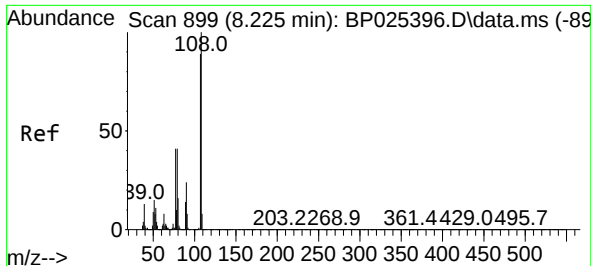
Tgt Ion: 79 Resp: 500838  
Ion Ratio Lower Upper  
79 100  
108 77.8 63.8 95.6  
77 61.5 49.0 73.4



#16  
2,2'-oxybis(1-Chloropropane)  
Concen: 45.430 ng  
RT: 8.296 min Scan# 911  
Delta R.T. -0.017 min  
Lab File: BP025627.D  
Acq: 29 Aug 2025 16:03

Tgt Ion: 45 Resp: 699079  
Ion Ratio Lower Upper  
45 100  
77 14.9 0.0 35.3  
79 11.4 0.0 31.8

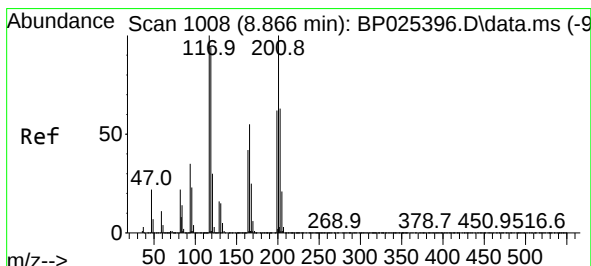
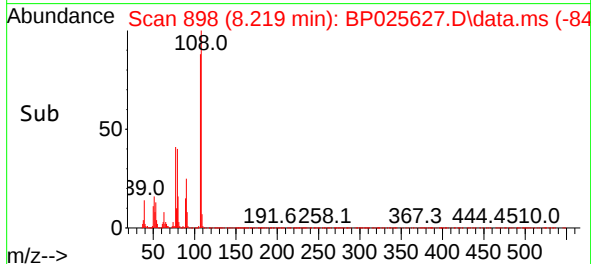
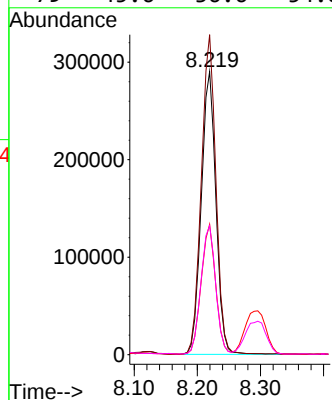
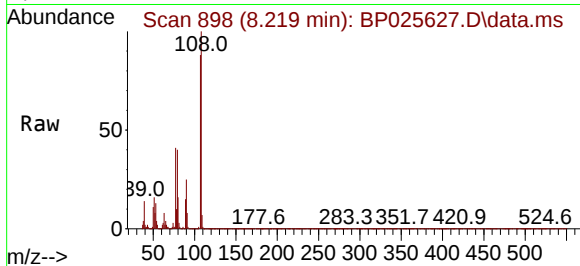




#17  
2-Methylphenol  
Concen: 45.697 ng  
RT: 8.219 min Scan# 899  
Delta R.T. -0.006 min  
Lab File: BP025627.D  
Acq: 29 Aug 2025 16:03

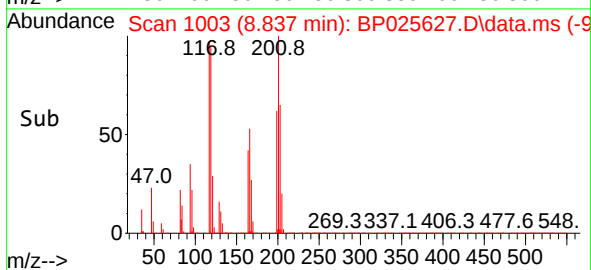
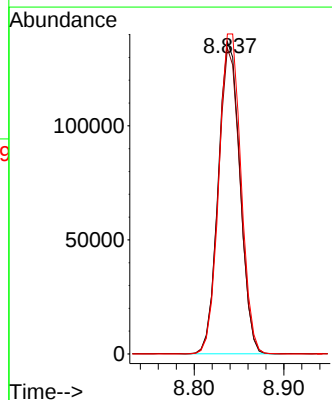
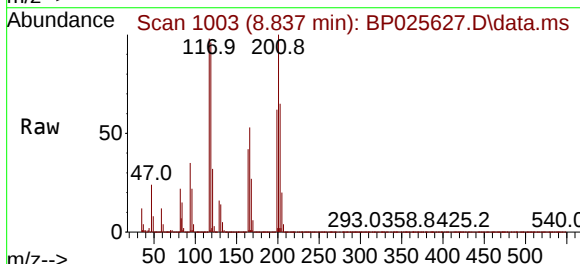
Instrument :  
BNA\_P  
ClientSampleId :  
NORTH-TP-3MS

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 107   | Resp: | 467738 |
| Ion      | Ratio | Lower | Upper  |
| 107      | 100   |       |        |
| 108      | 113.1 | 89.4  | 134.0  |
| 77       | 46.1  | 36.3  | 54.5   |
| 79       | 45.6  | 36.6  | 54.8   |



#18  
Hexachloroethane  
Concen: 44.927 ng  
RT: 8.837 min Scan# 1003  
Delta R.T. -0.029 min  
Lab File: BP025627.D  
Acq: 29 Aug 2025 16:03

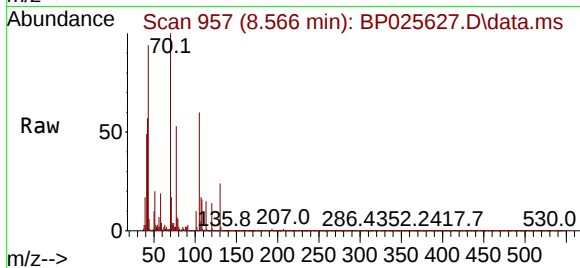
|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 117   | Resp: | 230152 |
| Ion      | Ratio | Lower | Upper  |
| 117      | 100   |       |        |
| 119      | 98.0  | 75.1  | 112.7  |
| 201      | 102.5 | 80.1  | 120.1  |





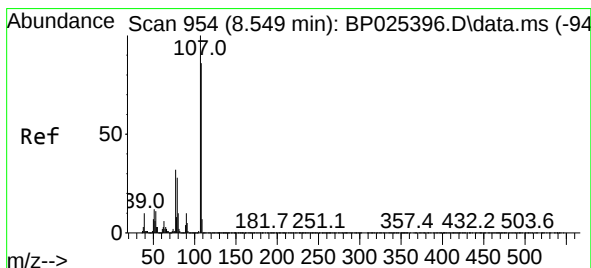
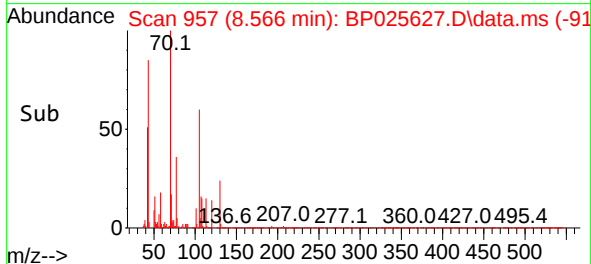
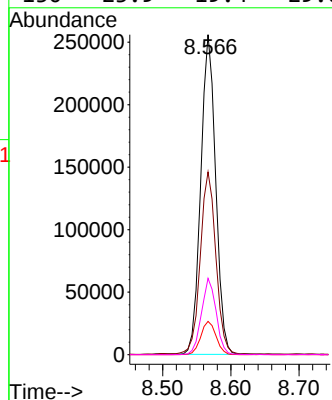
#19  
n-Nitroso-di-n-propylamine  
Concen: 41.866 ng  
RT: 8.566 min Scan# 91  
Delta R.T. -0.023 min  
Lab File: BP025627.D  
Acq: 29 Aug 2025 16:03

Instrument :  
BNA\_P  
ClientSampleId :  
NORTH-TP-3MS



Tgt Ion: 70 Resp: 389494

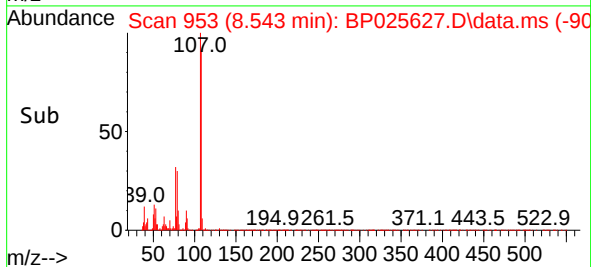
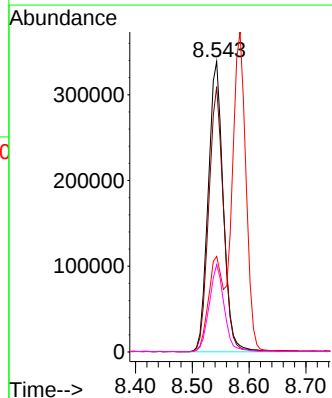
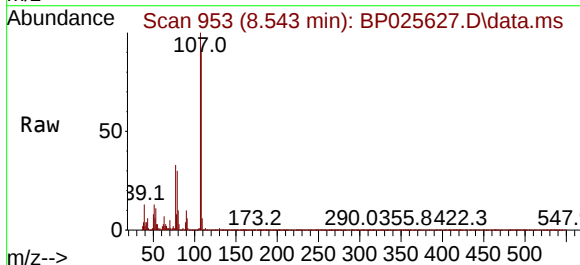
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 70  | 100   |       |       |
| 42  | 57.1  | 43.8  | 65.6  |
| 101 | 10.4  | 8.5   | 12.7  |
| 130 | 23.9  | 19.4  | 29.0  |

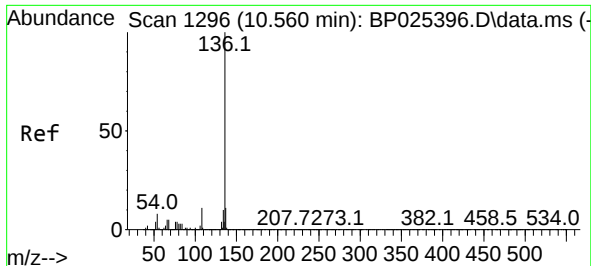


#20  
3+4-Methylphenols  
Concen: 43.886 ng  
RT: 8.543 min Scan# 953  
Delta R.T. -0.006 min  
Lab File: BP025627.D  
Acq: 29 Aug 2025 16:03

Tgt Ion: 107 Resp: 622669

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 107 | 100   |       |       |
| 108 | 91.3  | 66.3  | 106.3 |
| 77  | 32.9  | 12.3  | 52.3  |
| 79  | 30.1  | 7.8   | 47.8  |

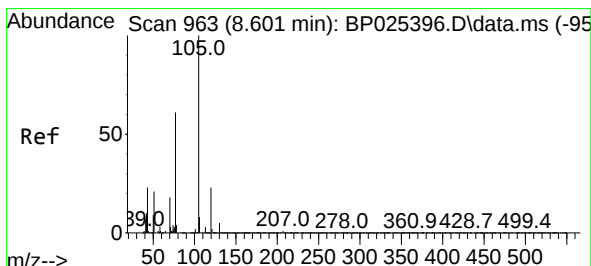
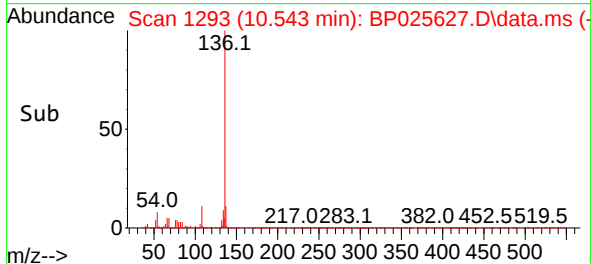
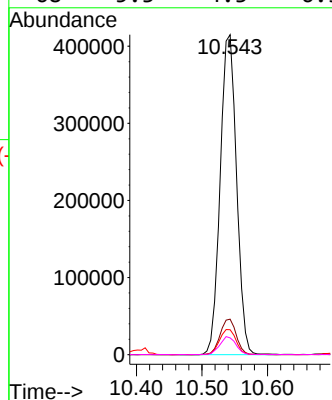
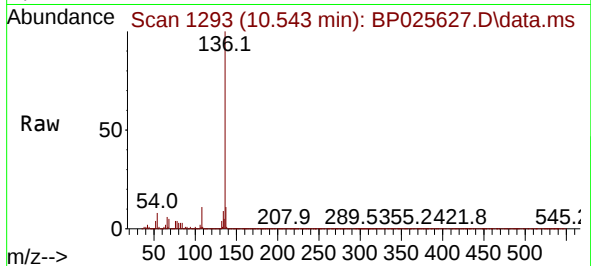




#21  
Naphthalene-d8  
Concen: 20.000 ng  
RT: 10.543 min Scan# 11  
Delta R.T. -0.017 min  
Lab File: BP025627.D  
Acq: 29 Aug 2025 16:03

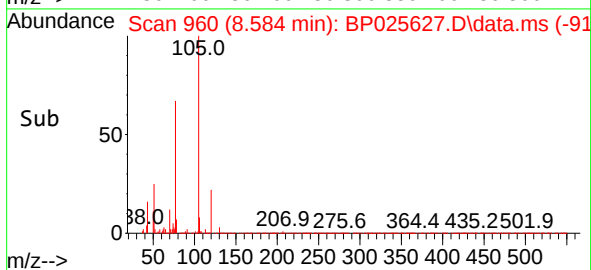
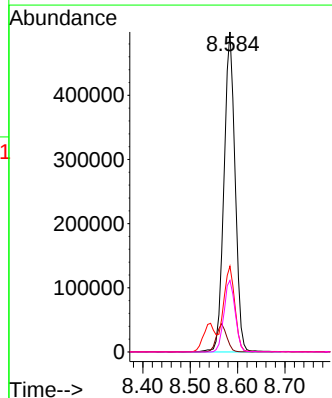
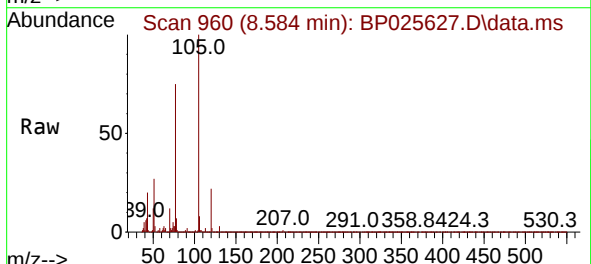
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BNA\_P  
ClientSampleId :  
NORTH-TP-3MS

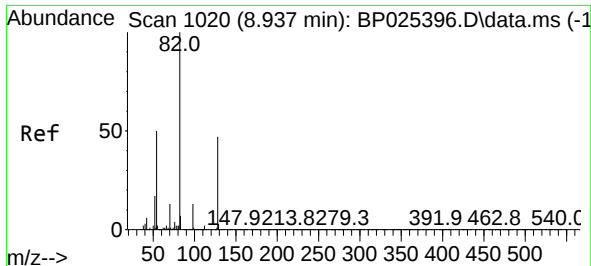
|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 136   | Resp: | 716554 |
| Ion      | Ratio | Lower | Upper  |
| 136      | 100   |       |        |
| 137      | 11.1  | 9.2   | 13.8   |
| 54       | 7.8   | 6.0   | 9.0    |
| 68       | 5.3   | 4.3   | 6.5    |



#22  
Acetophenone  
Concen: 45.255 ng  
RT: 8.584 min Scan# 960  
Delta R.T. -0.017 min  
Lab File: BP025627.D  
Acq: 29 Aug 2025 16:03

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 105   | Resp: | 813212 |
| Ion      | Ratio | Lower | Upper  |
| 105      | 100   |       |        |
| 71       | 2.2   | 2.6   | 4.0#   |
| 51       | 26.8  | 20.6  | 30.8   |
| 120      | 22.4  | 18.6  | 27.8   |

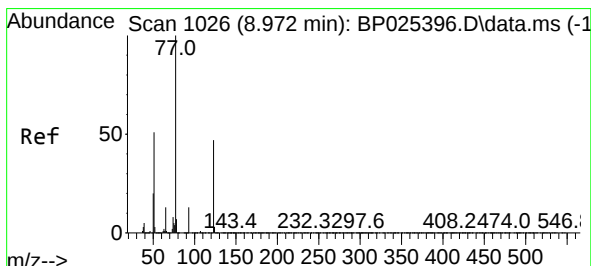
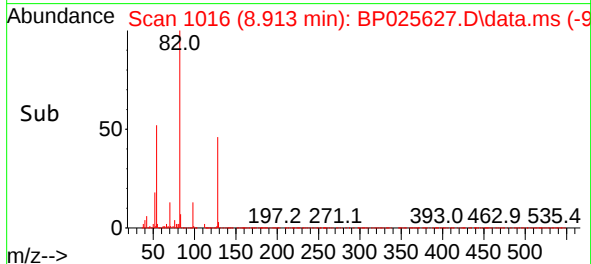
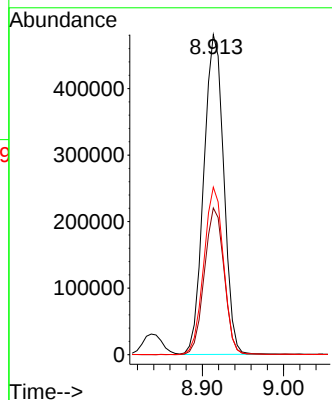
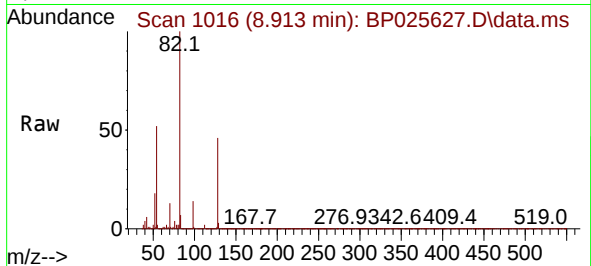




#23  
Nitrobenzene-d5  
Concen: 57.909 ng  
RT: 8.913 min Scan# 1016  
Delta R.T. -0.023 min  
Lab File: BP025627.D  
Acq: 29 Aug 2025 16:03

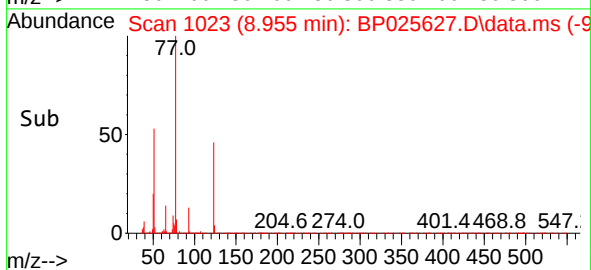
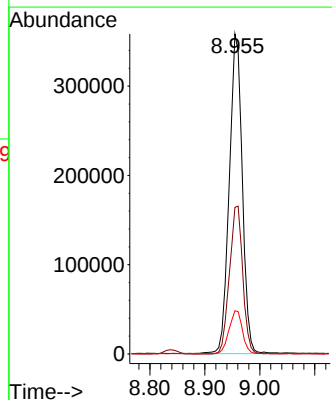
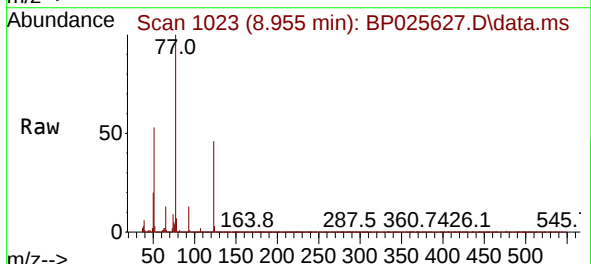
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BNA\_P  
ClientSampleId :  
NORTH-TP-3MS

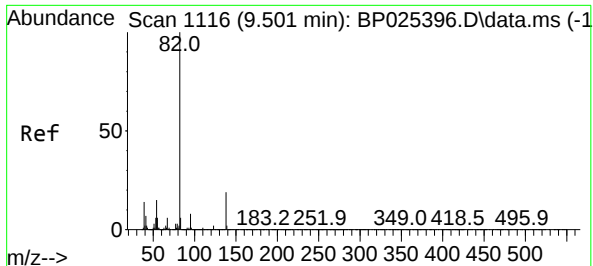
Tgt Ion: 82 Resp: 820292  
Ion Ratio Lower Upper  
82 100  
128 45.8 37.7 56.5  
54 52.3 39.8 59.6



#24  
Nitrobenzene  
Concen: 46.579 ng  
RT: 8.955 min Scan# 1023  
Delta R.T. -0.017 min  
Lab File: BP025627.D  
Acq: 29 Aug 2025 16:03

Tgt Ion: 77 Resp: 589669  
Ion Ratio Lower Upper  
77 100  
123 45.8 38.6 58.0  
65 13.5 10.6 15.8

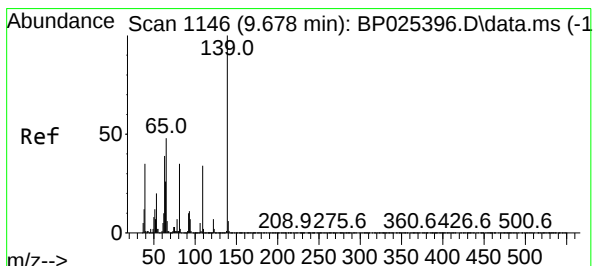
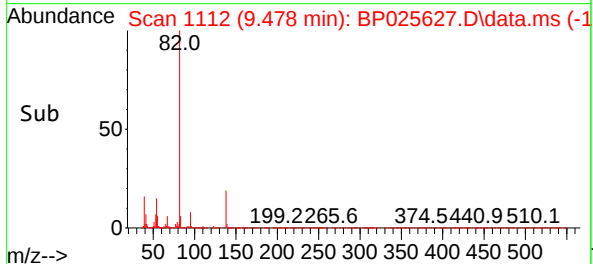
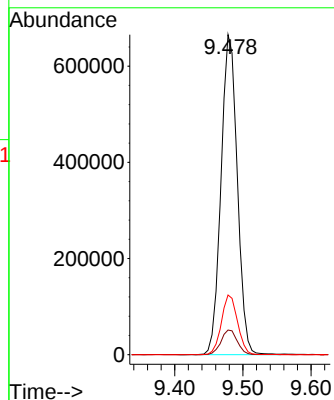
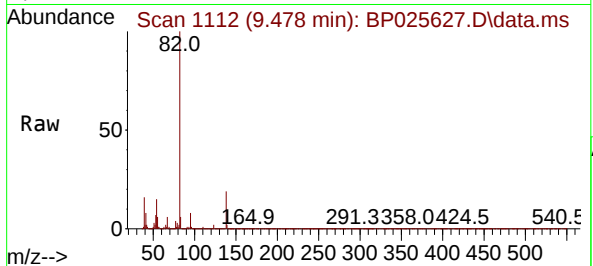




#25  
Isophorone  
Concen: 44.084 ng  
RT: 9.478 min Scan# 1116  
Delta R.T. -0.023 min  
Lab File: BP025627.D  
Acq: 29 Aug 2025 16:03

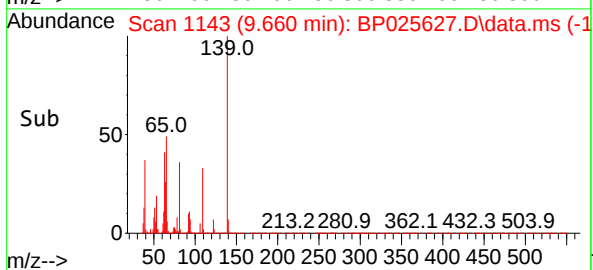
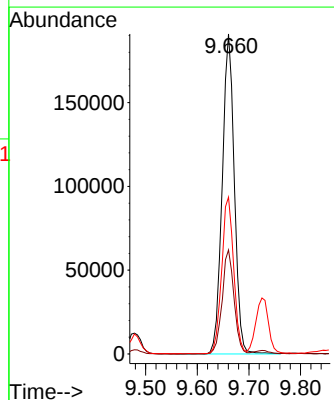
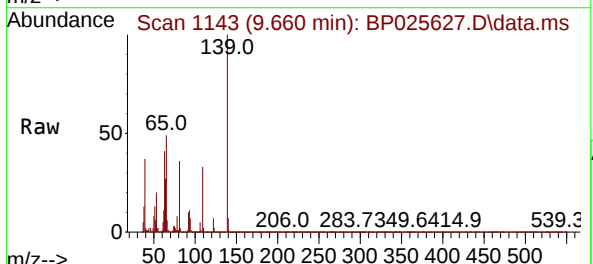
Instrument :  
BNA\_P  
ClientSampleId :  
NORTH-TP-3MS

Tgt Ion: 82 Resp: 1105125  
Ion Ratio Lower Upper  
82 100  
95 7.7 6.4 9.6  
138 18.6 15.4 23.0



#26  
2-Nitrophenol  
Concen: 47.796 ng  
RT: 9.660 min Scan# 1143  
Delta R.T. -0.017 min  
Lab File: BP025627.D  
Acq: 29 Aug 2025 16:03

Tgt Ion: 139 Resp: 310529  
Ion Ratio Lower Upper  
139 100  
109 32.5 26.9 40.3  
65 49.0 38.3 57.5





#27

2,4-Dimethylphenol

Concen: 46.561 ng

RT: 9.725 min Scan# 1157

Delta R.T. -0.017 min

Lab File: BP025627.D

Acq: 29 Aug 2025 16:03

Instrument :

BNA\_P

ClientSampleId :

NORTH-TP-3MS

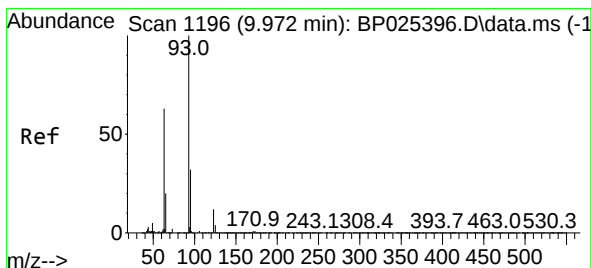
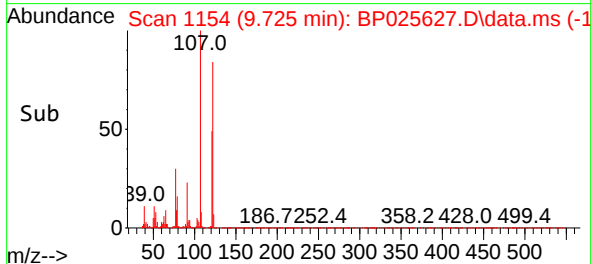
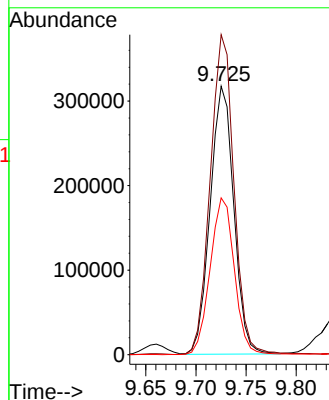
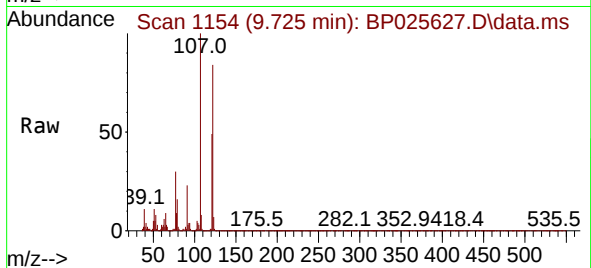
Tgt Ion:122 Resp: 520228

Ion Ratio Lower Upper

122 100

107 119.2 93.7 140.5

121 58.4 46.6 69.8



#28

bis(2-Chloroethoxy)methane

Concen: 44.847 ng

RT: 9.949 min Scan# 1192

Delta R.T. -0.023 min

Lab File: BP025627.D

Acq: 29 Aug 2025 16:03

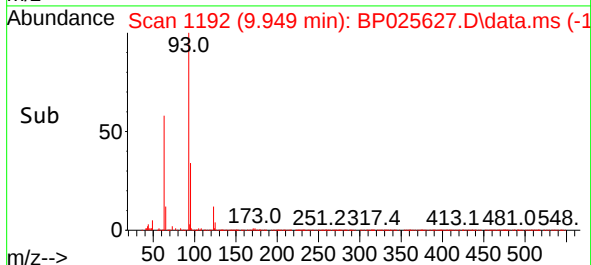
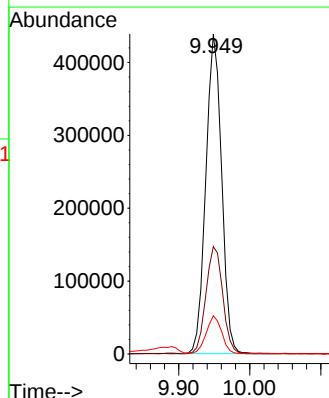
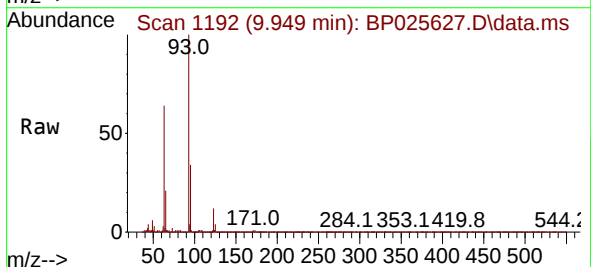
Tgt Ion: 93 Resp: 679590

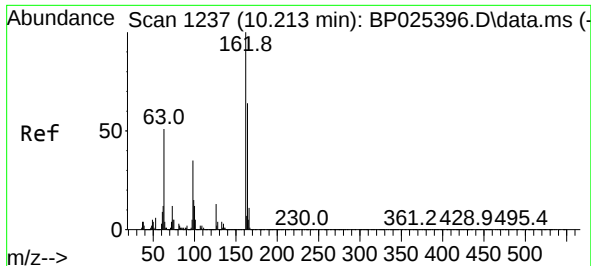
Ion Ratio Lower Upper

93 100

95 33.6 25.4 38.0

123 12.0 9.4 14.0

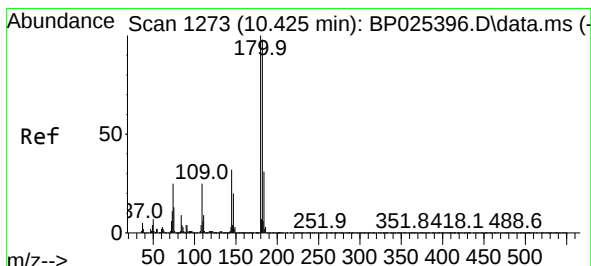
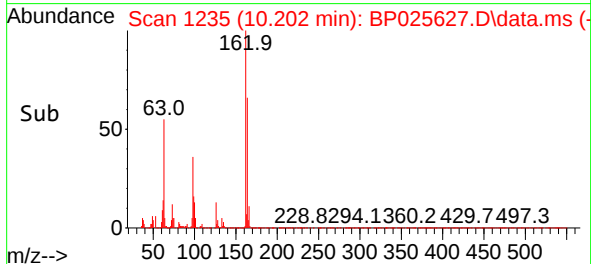
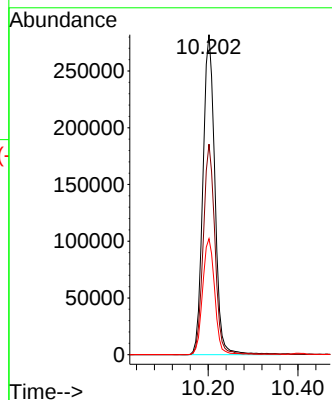
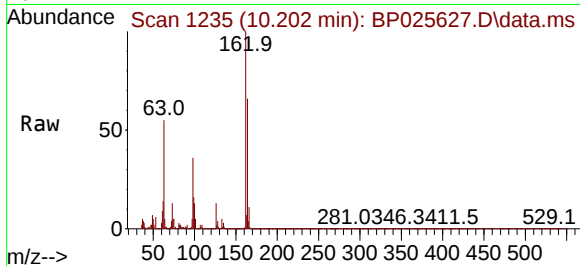




#29  
2,4-Dichlorophenol  
Concen: 46.952 ng  
RT: 10.202 min Scan# 1235  
Delta R.T. -0.012 min  
Lab File: BP025627.D  
Acq: 29 Aug 2025 16:03

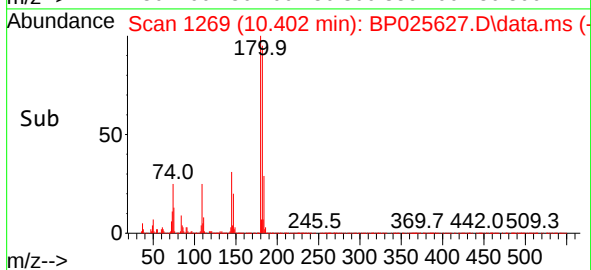
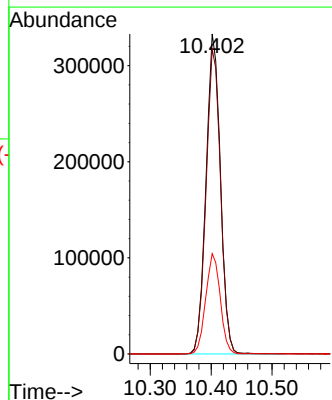
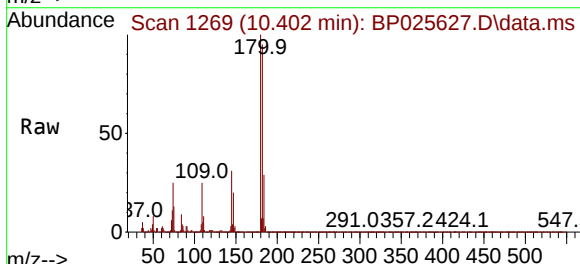
Instrument :  
BNA\_P  
ClientSampleId :  
NORTH-TP-3MS

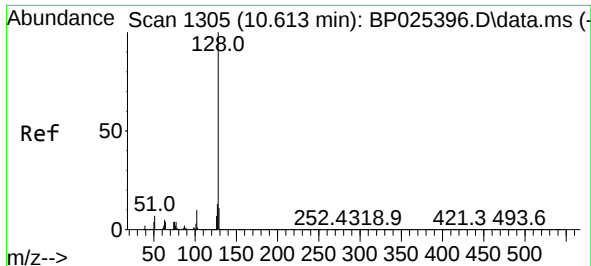
Tgt Ion:162 Resp: 521123  
Ion Ratio Lower Upper  
162 100  
164 65.8 44.4 84.4  
98 36.2 14.9 54.9



#30  
1,2,4-Trichlorobenzene  
Concen: 45.058 ng  
RT: 10.402 min Scan# 1269  
Delta R.T. -0.023 min  
Lab File: BP025627.D  
Acq: 29 Aug 2025 16:03

Tgt Ion:180 Resp: 548221  
Ion Ratio Lower Upper  
180 100  
182 95.3 78.0 117.0  
145 31.4 25.9 38.9

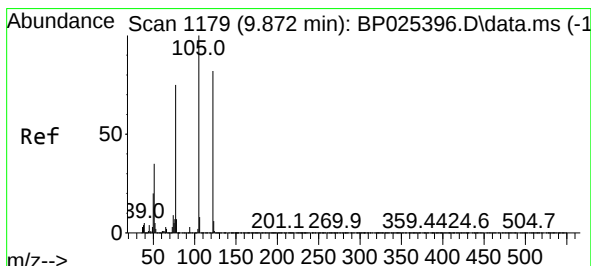
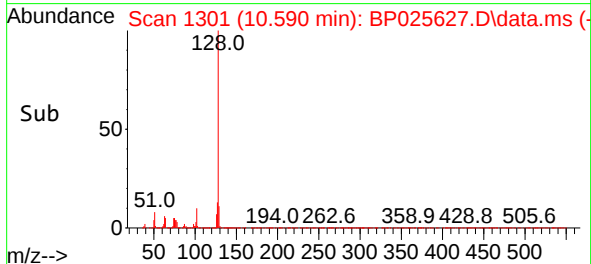
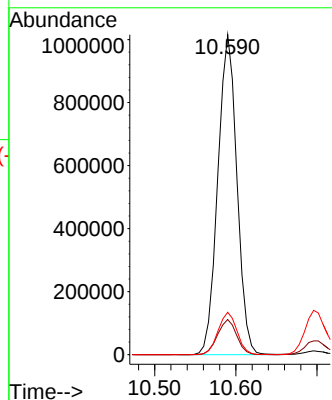
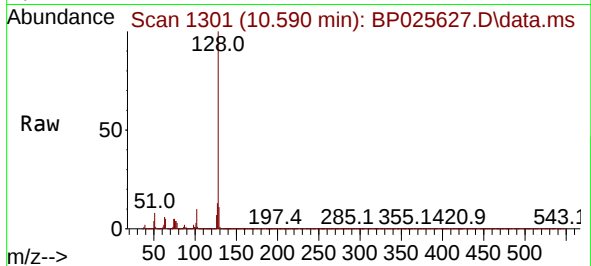




#31  
Naphthalene  
Concen: 44.603 ng  
RT: 10.590 min Scan# 111  
Delta R.T. -0.023 min  
Lab File: BP025627.D  
Acq: 29 Aug 2025 16:03

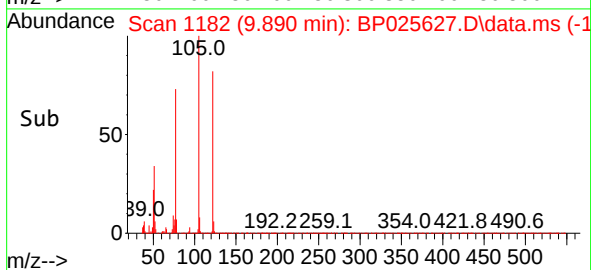
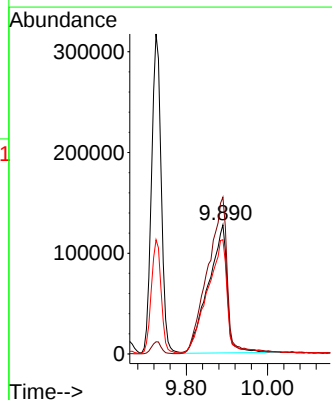
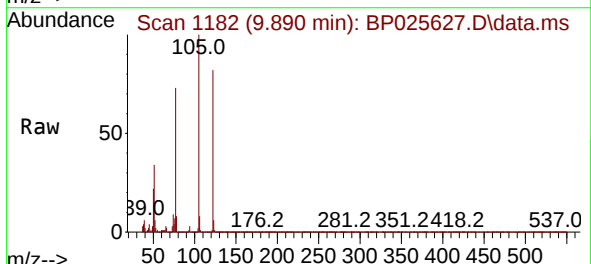
Instrument :  
BNA\_P  
ClientSampleId :  
NORTH-TP-3MS

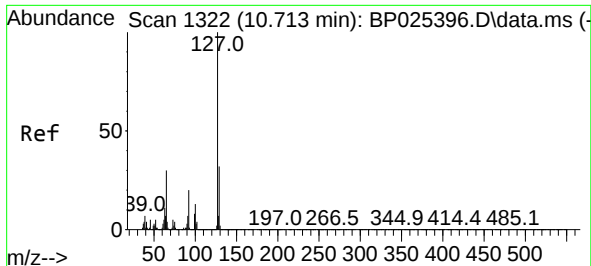
Tgt Ion:128 Resp: 1661162  
Ion Ratio Lower Upper  
128 100  
129 11.0 8.6 13.0  
127 13.2 10.7 16.1



#32  
Benzoic acid  
Concen: 50.062 ng  
RT: 9.890 min Scan# 1182  
Delta R.T. 0.018 min  
Lab File: BP025627.D  
Acq: 29 Aug 2025 16:03

Tgt Ion:122 Resp: 412947  
Ion Ratio Lower Upper  
122 100  
105 121.5 100.6 140.6  
77 88.5 71.5 111.5

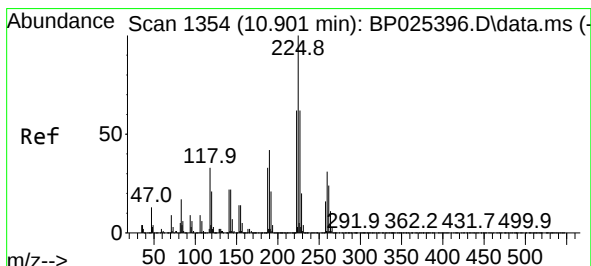
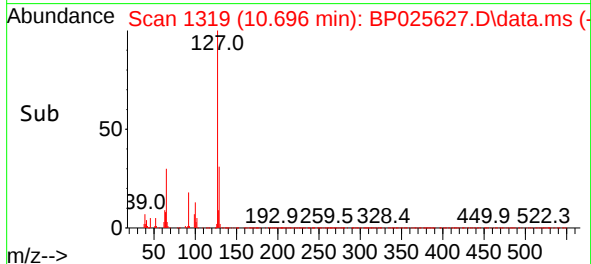
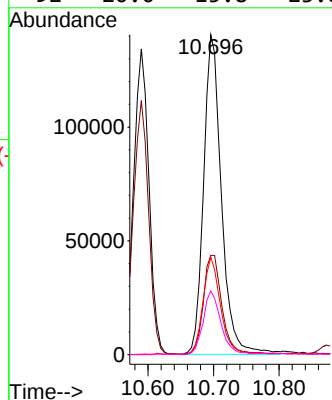
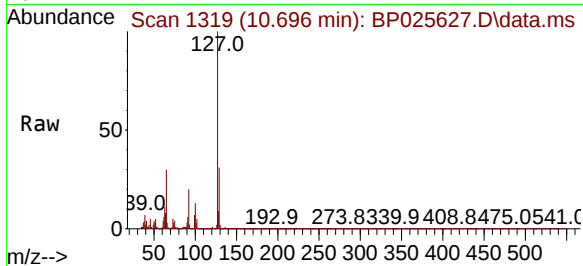




#33  
4-Chloroaniline  
Concen: 16.195 ng  
RT: 10.696 min Scan# 11  
Delta R.T. -0.017 min  
Lab File: BP025627.D  
Acq: 29 Aug 2025 16:03

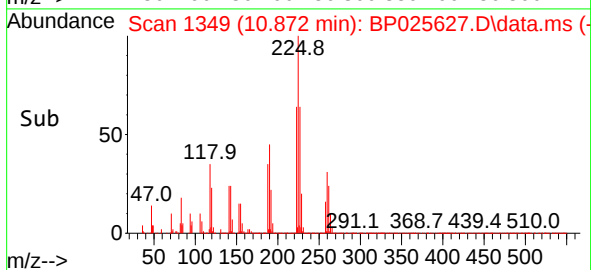
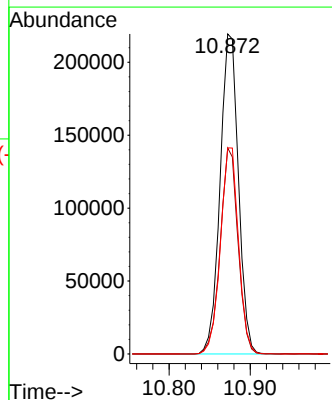
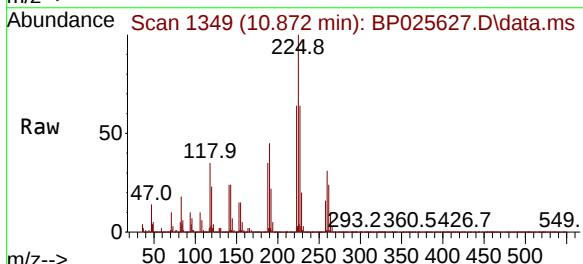
Instrument :  
BNA\_P  
ClientSampleId :  
NORTH-TP-3MS

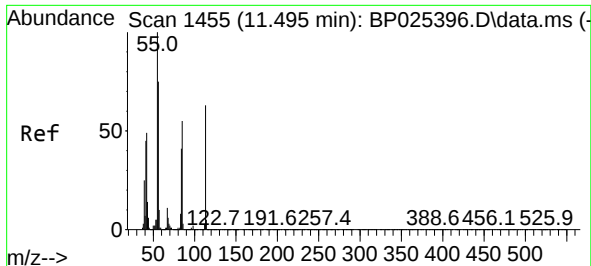
|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 127   | Resp: | 266434 |
| Ion      | Ratio | Lower | Upper  |
| 127      | 100   |       |        |
| 129      | 31.1  | 25.4  | 38.2   |
| 65       | 30.5  | 23.8  | 35.6   |
| 92       | 20.0  | 15.8  | 23.8   |



#34  
Hexachlorobutadiene  
Concen: 45.436 ng  
RT: 10.872 min Scan# 1349  
Delta R.T. -0.029 min  
Lab File: BP025627.D  
Acq: 29 Aug 2025 16:03

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 225   | Resp: | 344280 |
| Ion      | Ratio | Lower | Upper  |
| 225      | 100   |       |        |
| 223      | 64.4  | 50.0  | 75.0   |
| 227      | 64.4  | 49.7  | 74.5   |

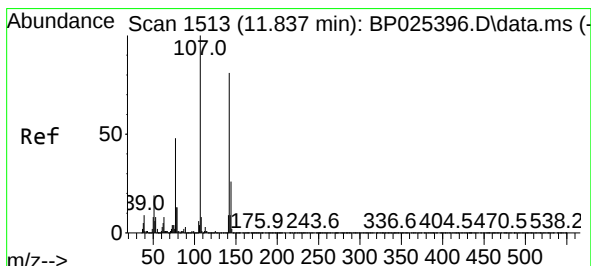
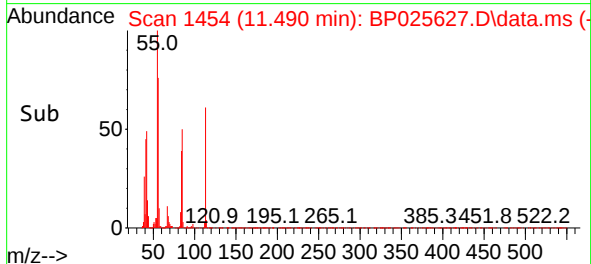
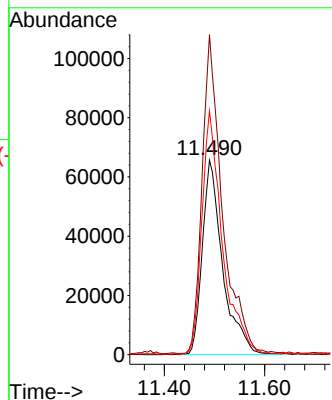
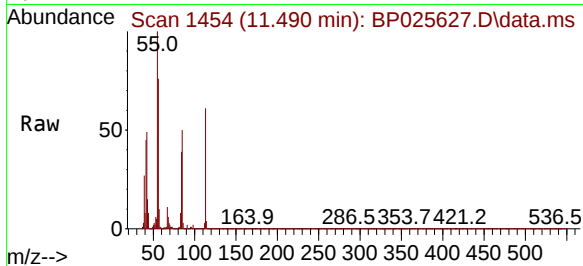




#35  
Caprolactam  
Concen: 45.513 ng  
RT: 11.490 min Scan# 1455  
Delta R.T. -0.006 min  
Lab File: BP025627.D  
Acq: 29 Aug 2025 16:03

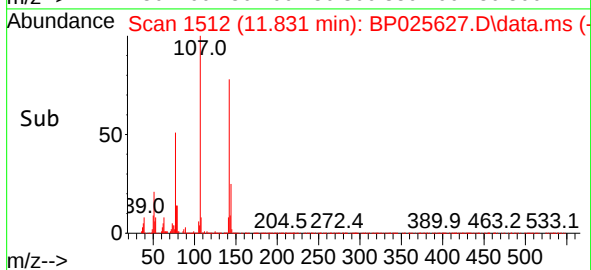
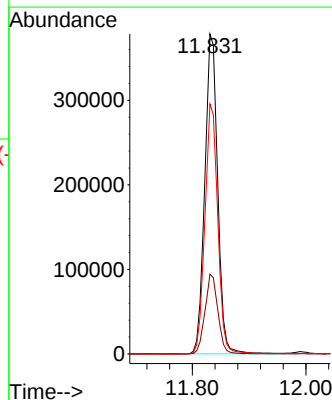
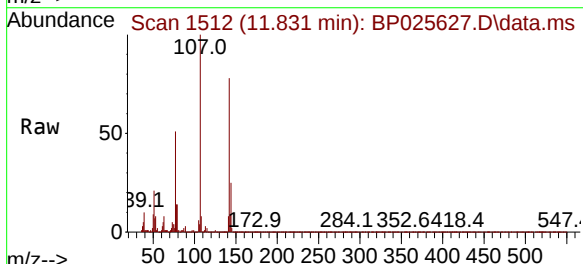
Instrument :  
BNA\_P  
ClientSampleId :  
NORTH-TP-3MS

Tgt Ion:113 Resp: 185231  
Ion Ratio Lower Upper  
113 100  
55 164.5 140.0 180.0  
56 125.2 100.0 140.0



#36  
4-Chloro-3-methylphenol  
Concen: 46.735 ng  
RT: 11.831 min Scan# 1512  
Delta R.T. -0.006 min  
Lab File: BP025627.D  
Acq: 29 Aug 2025 16:03

Tgt Ion:107 Resp: 595213  
Ion Ratio Lower Upper  
107 100  
144 25.0 21.0 31.4  
142 78.1 64.6 97.0

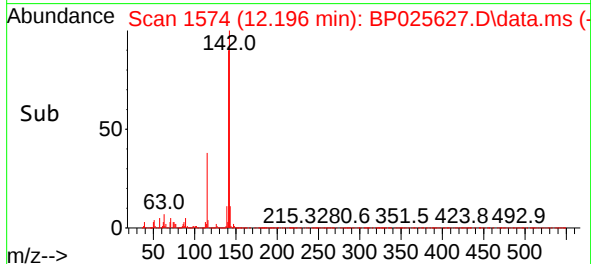
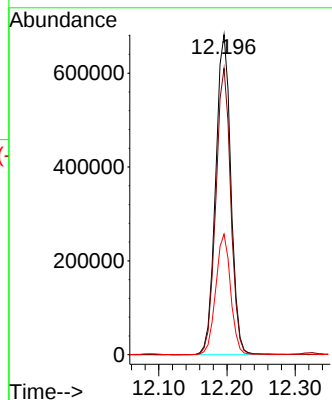
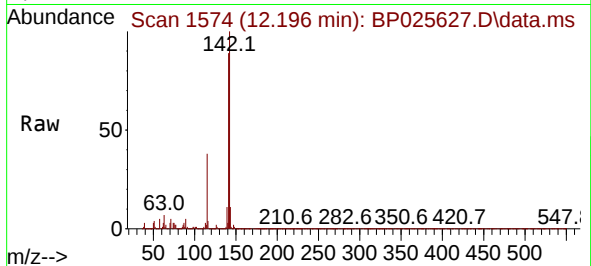




#37  
2-Methylnaphthalene  
Concen: 43.591 ng  
RT: 12.196 min Scan# 11  
Delta R.T. -0.023 min  
Lab File: BP025627.D  
Acq: 29 Aug 2025 16:03

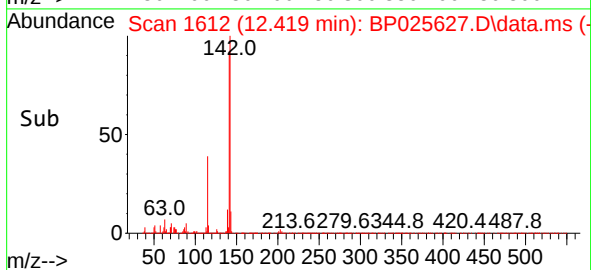
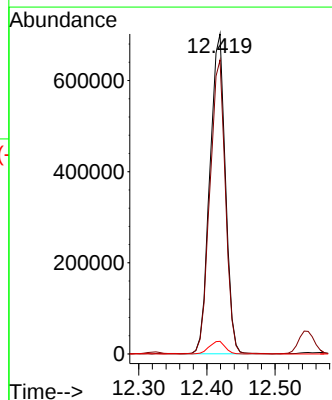
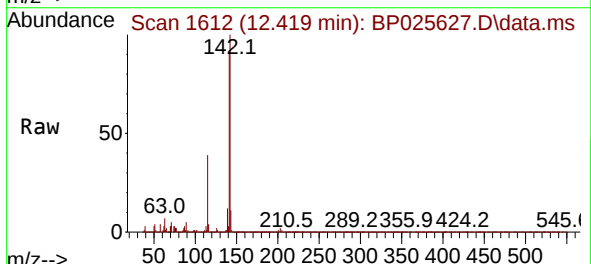
Instrument :  
BNA\_P  
ClientSampleId :  
NORTH-TP-3MS

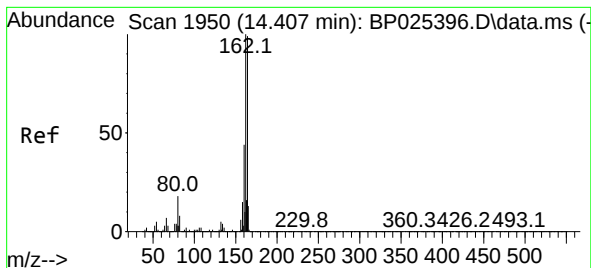
Tgt Ion:142 Resp: 1056504  
Ion Ratio Lower Upper  
142 100  
141 89.5 70.3 105.5  
115 37.6 28.9 43.3



#38  
1-Methylnaphthalene  
Concen: 43.226 ng  
RT: 12.419 min Scan# 1612  
Delta R.T. -0.017 min  
Lab File: BP025627.D  
Acq: 29 Aug 2025 16:03

Tgt Ion:142 Resp: 1114138  
Ion Ratio Lower Upper  
142 100  
141 91.8 73.1 109.7  
116 4.0 3.2 4.8





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.390 min Scan# 1950

Delta R.T. -0.017 min

Lab File: BP025627.D

Acq: 29 Aug 2025 16:03

Instrument :

BNA\_P

ClientSampleId :

NORTH-TP-3MS

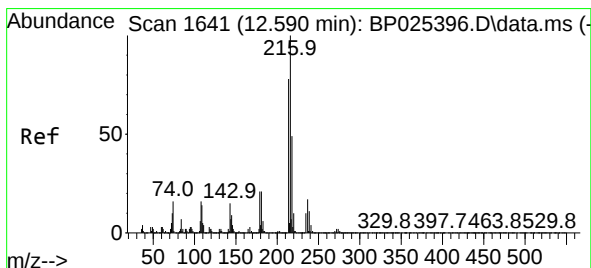
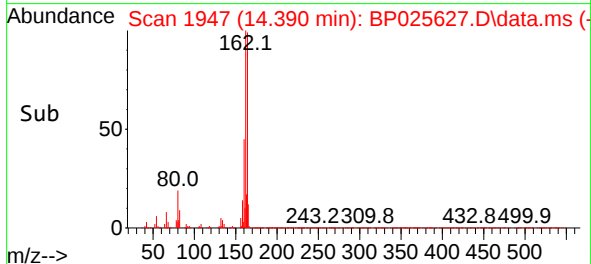
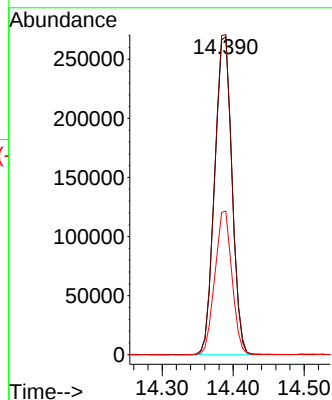
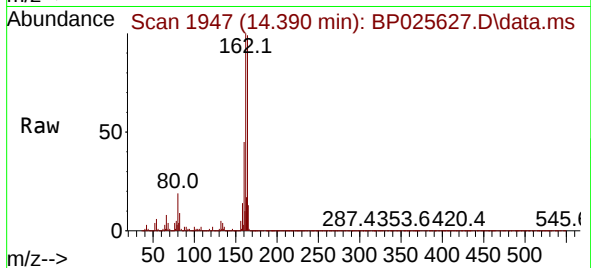
Tgt Ion:164 Resp: 454059

Ion Ratio Lower Upper

164 100

162 100.7 81.0 121.6

160 45.2 35.4 53.2



#40

1,2,4,5-Tetrachlorobenzene

Concen: 46.006 ng

RT: 12.566 min Scan# 1637

Delta R.T. -0.023 min

Lab File: BP025627.D

Acq: 29 Aug 2025 16:03

Tgt Ion:216 Resp: 603317

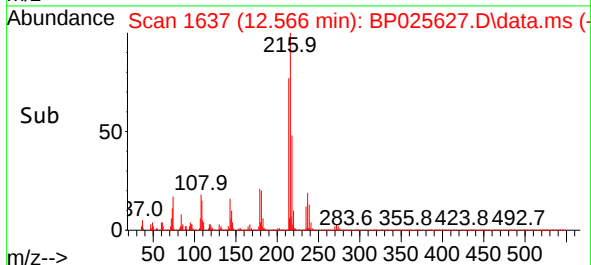
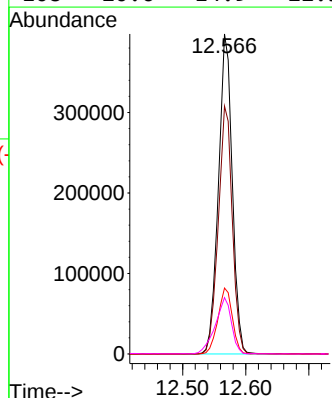
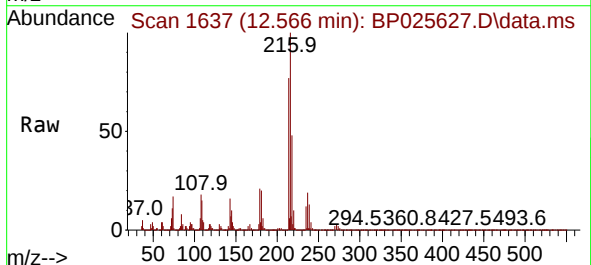
Ion Ratio Lower Upper

216 100

214 78.5 63.0 94.4

179 21.5 17.1 25.7

108 20.6 14.9 22.3





#41

Hexachlorocyclopentadiene

Concen: 83.692 ng

RT: 12.549 min Scan# 1

Delta R.T. -0.023 min

Lab File: BP025627.D

Acq: 29 Aug 2025 16:03

Instrument :

BNA\_P

ClientSampleId :

NORTH-TP-3MS

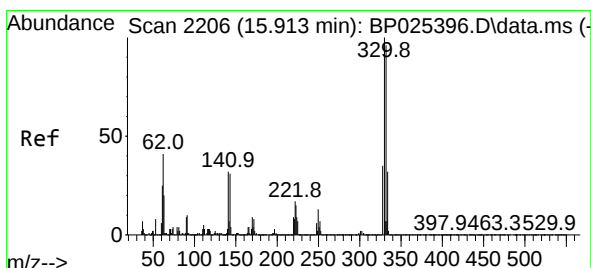
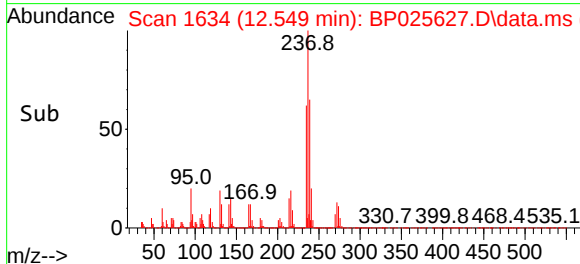
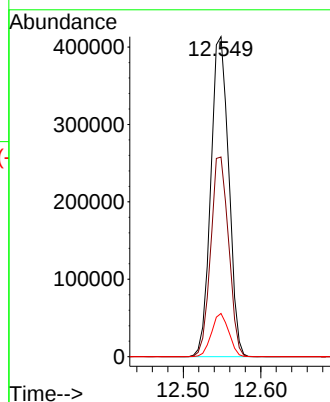
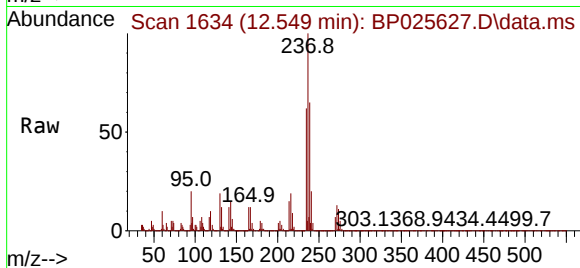
Tgt Ion:237 Resp: 662939

Ion Ratio Lower Upper

237 100

235 62.4 42.7 82.7

272 13.5 0.0 34.0



#42

2,4,6-Tribromophenol

Concen: 95.653 ng

RT: 15.907 min Scan# 2205

Delta R.T. -0.006 min

Lab File: BP025627.D

Acq: 29 Aug 2025 16:03

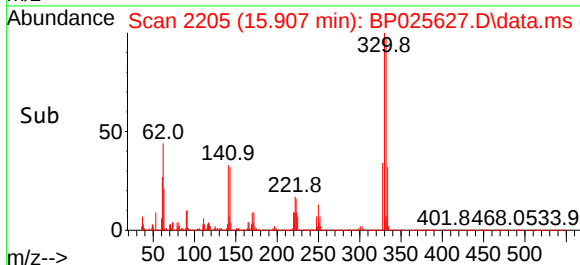
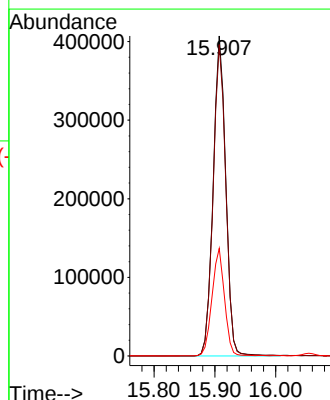
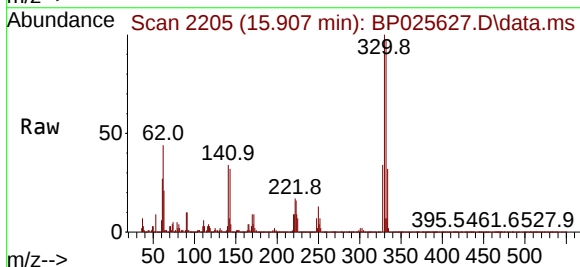
Tgt Ion:330 Resp: 584601

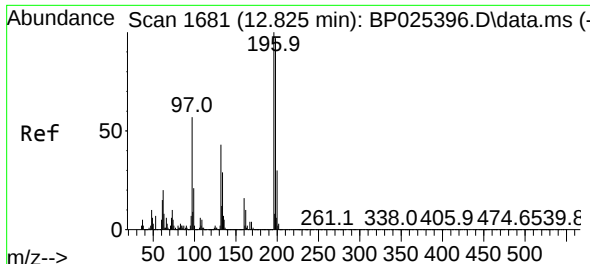
Ion Ratio Lower Upper

330 100

332 97.6 77.3 115.9

141 33.3 26.6 39.8

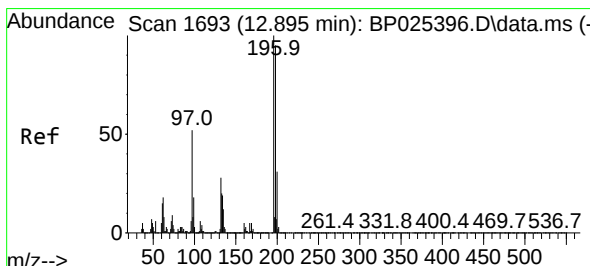
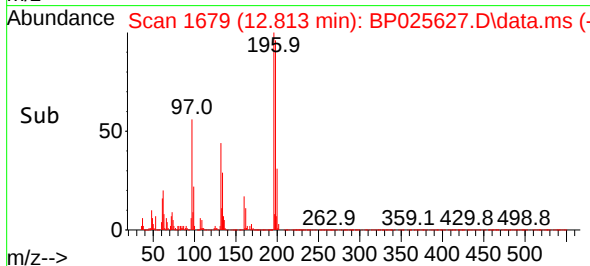
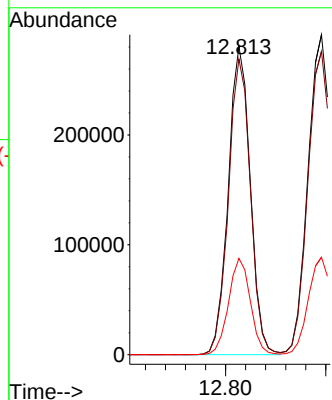
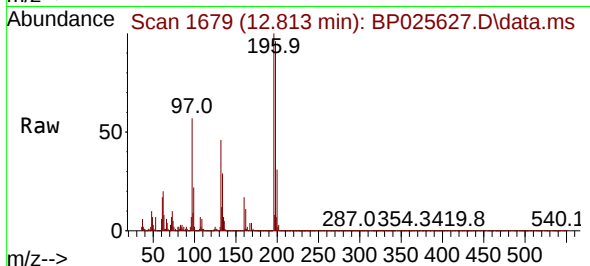




#43  
2,4,6-Trichlorophenol  
Concen: 48.298 ng  
RT: 12.813 min Scan# 1679  
Delta R.T. -0.012 min  
Lab File: BP025627.D  
Acq: 29 Aug 2025 16:03

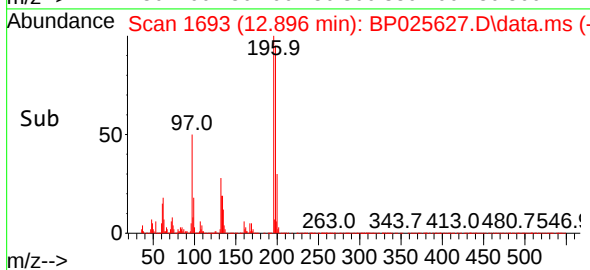
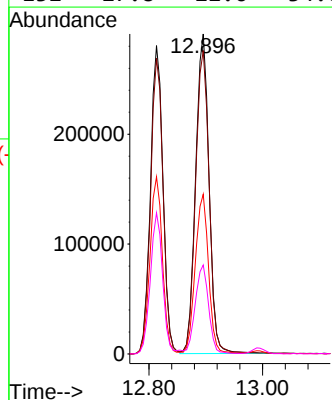
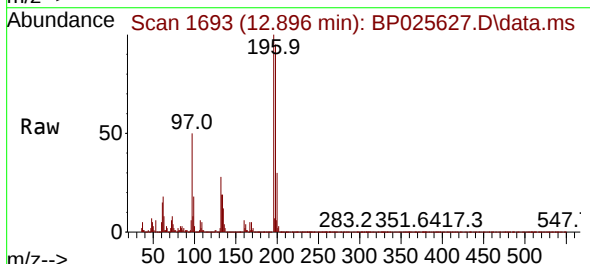
Instrument :  
BNA\_P  
ClientSampleId :  
NORTH-TP-3MS

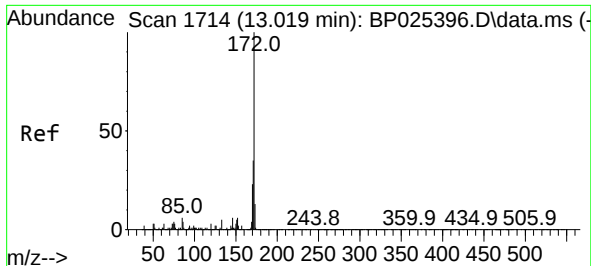
Tgt Ion:196 Resp: 427588  
Ion Ratio Lower Upper  
196 100  
198 95.9 77.2 115.8  
200 31.2 23.9 35.9



#44  
2,4,5-Trichlorophenol  
Concen: 49.450 ng  
RT: 12.896 min Scan# 1693  
Delta R.T. 0.000 min  
Lab File: BP025627.D  
Acq: 29 Aug 2025 16:03

Tgt Ion:196 Resp: 479807  
Ion Ratio Lower Upper  
196 100  
198 94.8 76.2 114.2  
97 49.9 41.2 61.8  
132 27.8 22.6 34.0

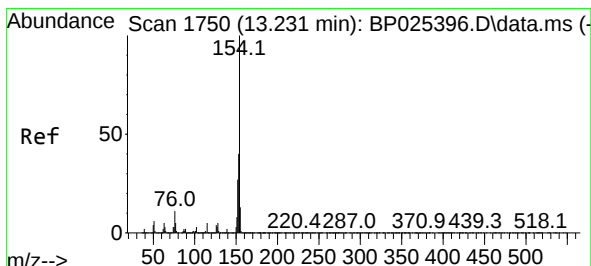
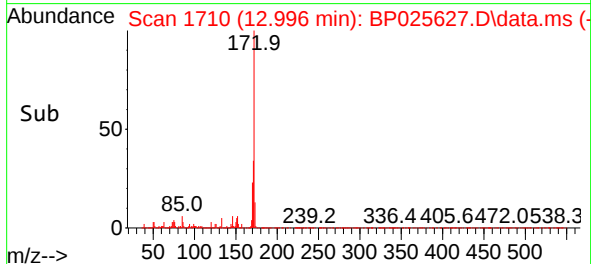
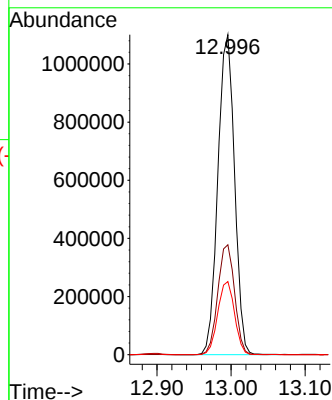
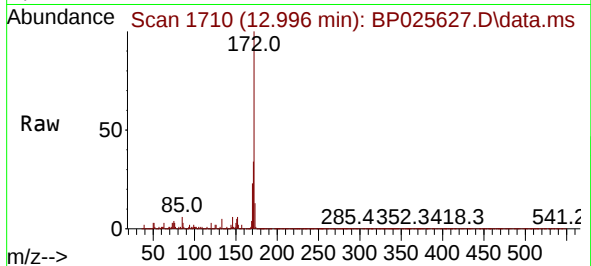




#45  
2-Fluorobiphenyl  
Concen: 51.696 ng  
RT: 12.996 min Scan# 1710  
Delta R.T. -0.023 min  
Lab File: BP025627.D  
Acq: 29 Aug 2025 16:03

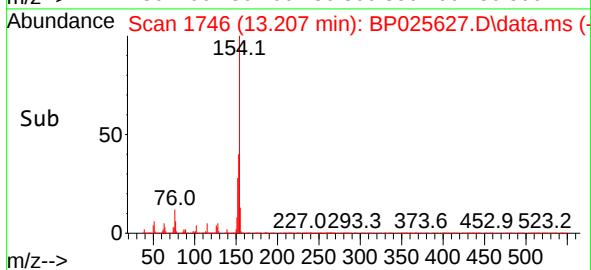
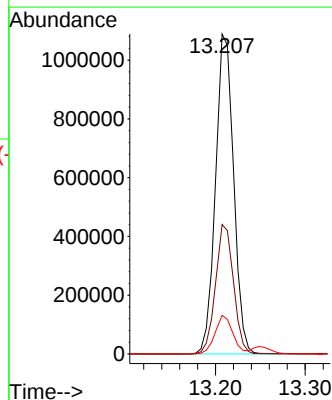
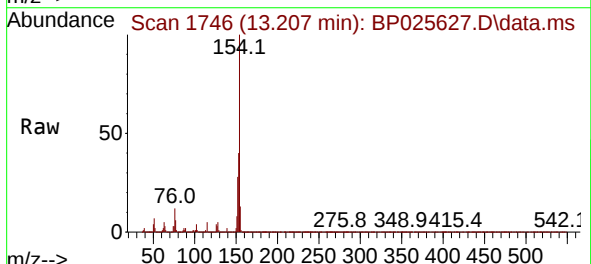
Instrument :  
BNA\_P  
ClientSampleId :  
NORTH-TP-3MS

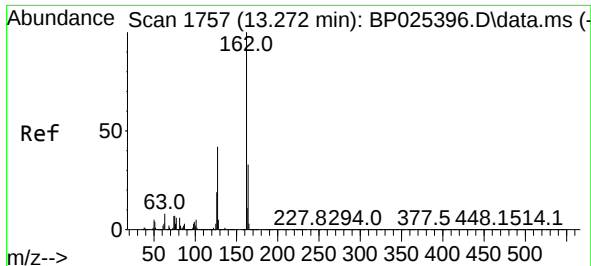
Tgt Ion:172 Resp: 1717510  
Ion Ratio Lower Upper  
172 100  
171 34.4 28.1 42.1  
170 22.9 18.6 28.0



#46  
1,1'-Biphenyl  
Concen: 46.214 ng  
RT: 13.207 min Scan# 1746  
Delta R.T. -0.023 min  
Lab File: BP025627.D  
Acq: 29 Aug 2025 16:03

Tgt Ion:154 Resp: 1523973  
Ion Ratio Lower Upper  
154 100  
153 40.4 19.5 59.5  
76 12.0 0.0 31.1

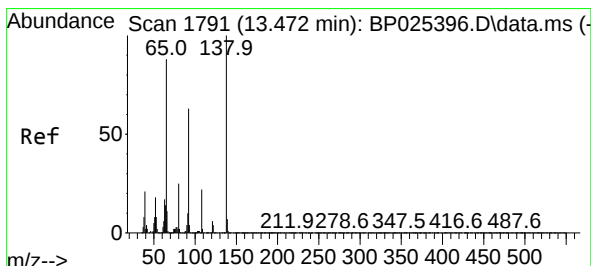
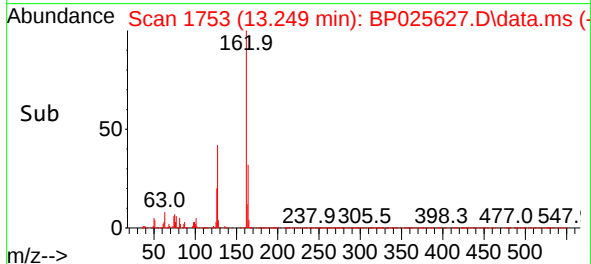
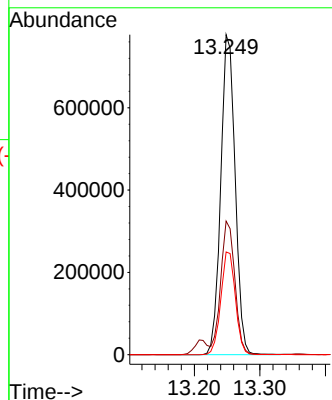
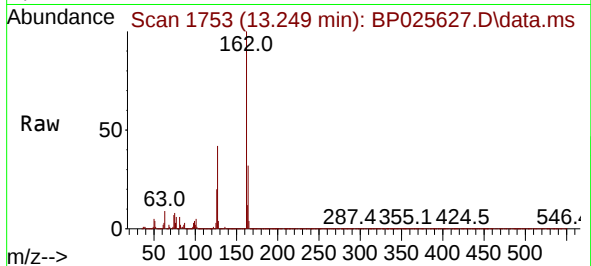




#47  
2-Chloronaphthalene  
Concen: 45.944 ng  
RT: 13.249 min Scan# 1753  
Delta R.T. -0.023 min  
Lab File: BP025627.D  
Acq: 29 Aug 2025 16:03

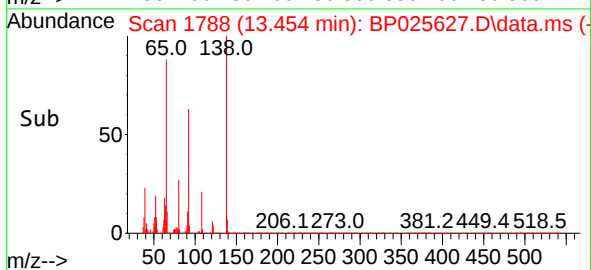
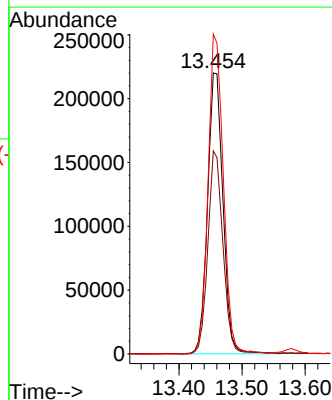
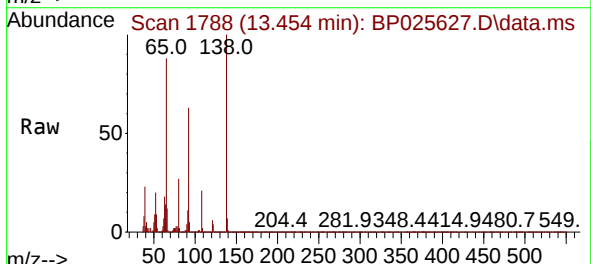
Instrument :  
BNA\_P  
ClientSampleId :  
NORTH-TP-3MS

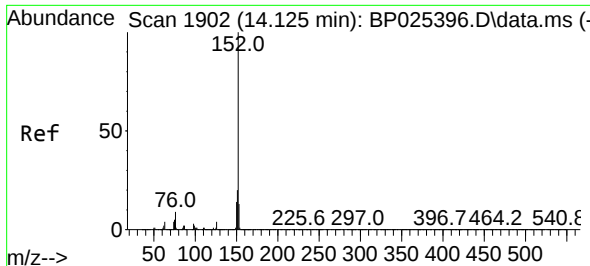
Tgt Ion:162 Resp: 1179469  
Ion Ratio Lower Upper  
162 100  
127 41.8 33.4 50.2  
164 32.1 26.2 39.2



#48  
2-Nitroaniline  
Concen: 50.051 ng  
RT: 13.454 min Scan# 1788  
Delta R.T. -0.017 min  
Lab File: BP025627.D  
Acq: 29 Aug 2025 16:03

Tgt Ion: 65 Resp: 374389  
Ion Ratio Lower Upper  
65 100  
92 72.3 57.6 86.4  
138 113.9 91.0 136.6

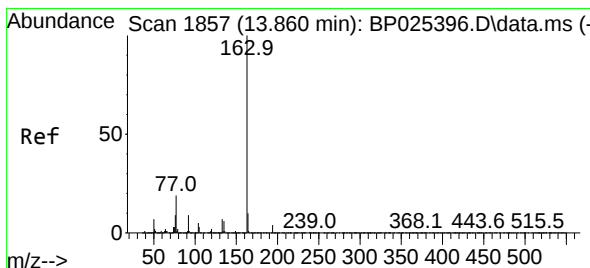
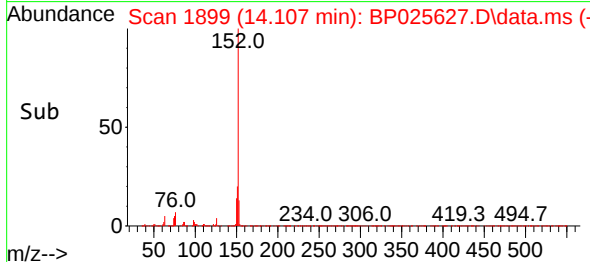
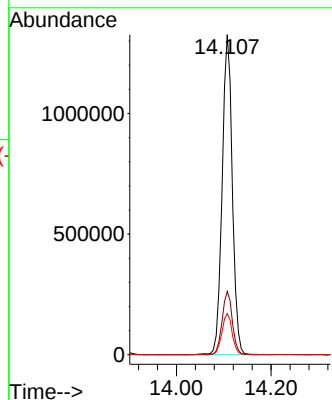
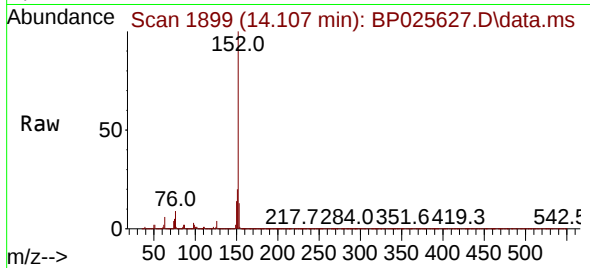




#49  
Acenaphthylene  
Concen: 46.428 ng  
RT: 14.107 min Scan# 1899  
Delta R.T. -0.017 min  
Lab File: BP025627.D  
Acq: 29 Aug 2025 16:03

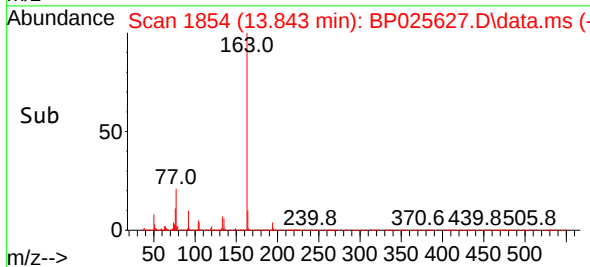
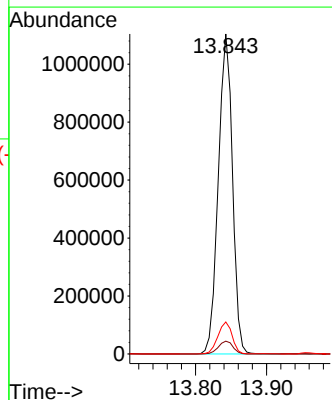
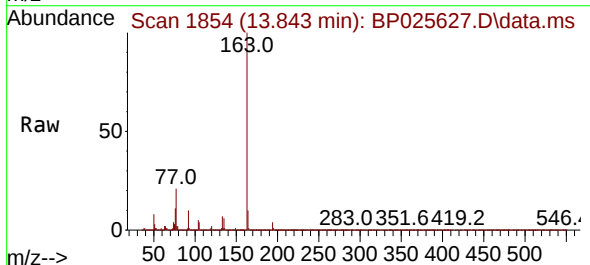
Instrument :  
BNA\_P  
ClientSampleId :  
NORTH-TP-3MS

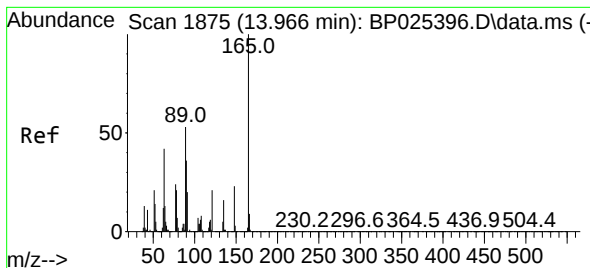
Tgt Ion:152 Resp: 1972243  
Ion Ratio Lower Upper  
152 100  
151 19.7 16.0 24.0  
153 12.9 10.6 15.8



#50  
Dimethylphthalate  
Concen: 45.716 ng  
RT: 13.843 min Scan# 1854  
Delta R.T. -0.017 min  
Lab File: BP025627.D  
Acq: 29 Aug 2025 16:03

Tgt Ion:163 Resp: 1520068  
Ion Ratio Lower Upper  
163 100  
194 4.0 3.4 5.0  
164 10.0 7.9 11.9

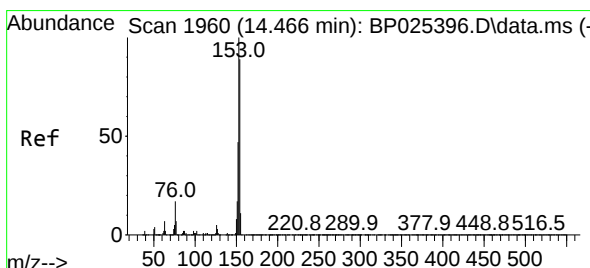
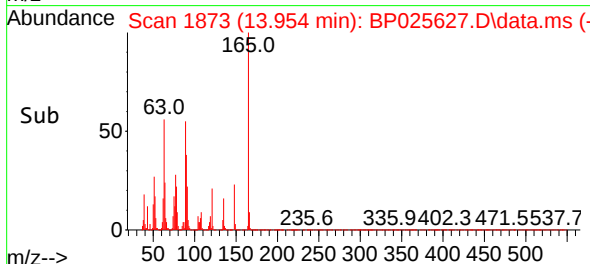
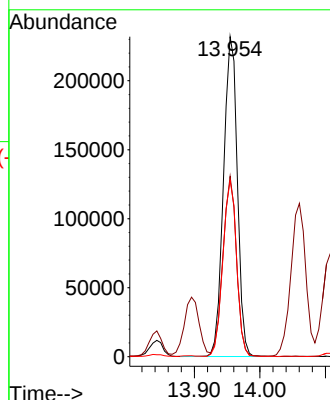
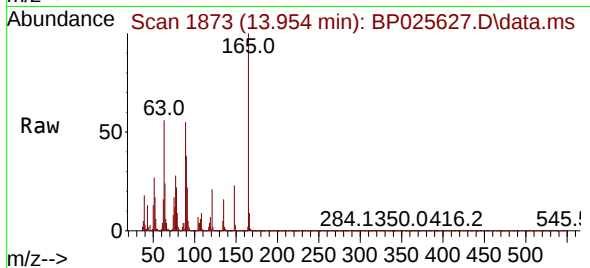




#51  
2,6-Dinitrotoluene  
Concen: 48.287 ng  
RT: 13.954 min Scan# 1875  
Delta R.T. -0.012 min  
Lab File: BP025627.D  
Acq: 29 Aug 2025 16:03

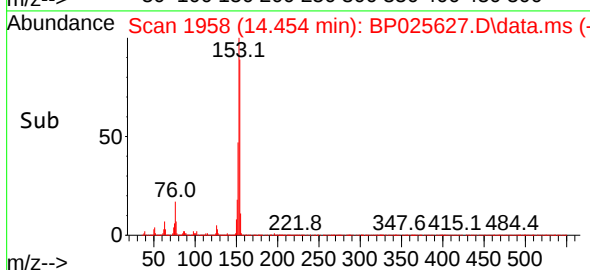
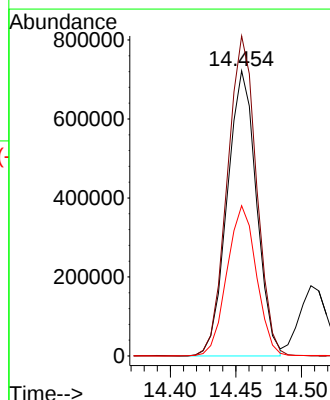
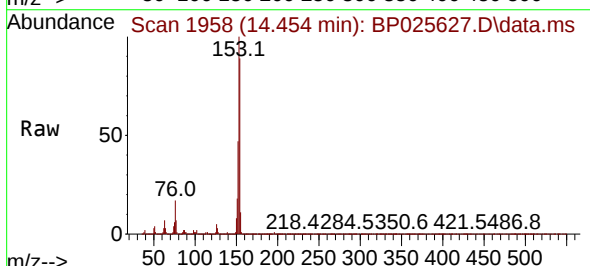
Instrument :  
BNA\_P  
ClientSampleId :  
NORTH-TP-3MS

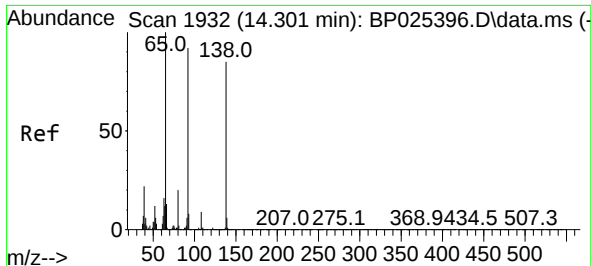
Tgt Ion:165 Resp: 338405  
Ion Ratio Lower Upper  
165 100  
63 56.4 40.9 61.3  
89 55.1 42.1 63.1



#52  
Acenaphthene  
Concen: 44.876 ng  
RT: 14.454 min Scan# 1958  
Delta R.T. -0.012 min  
Lab File: BP025627.D  
Acq: 29 Aug 2025 16:03

Tgt Ion:154 Resp: 1118956  
Ion Ratio Lower Upper  
154 100  
153 112.2 90.2 135.2  
152 52.7 42.1 63.1

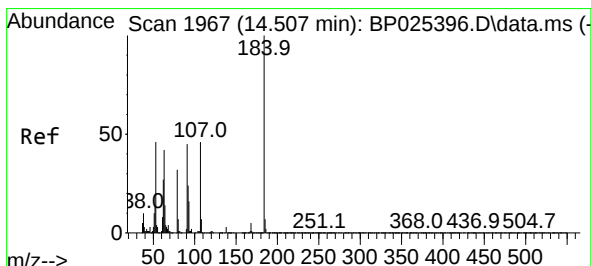
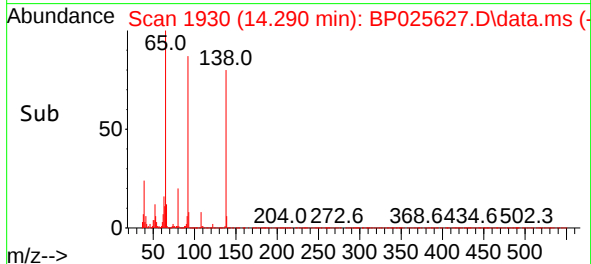
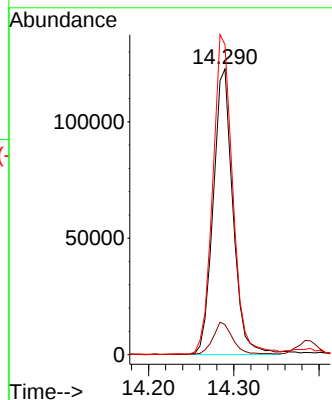
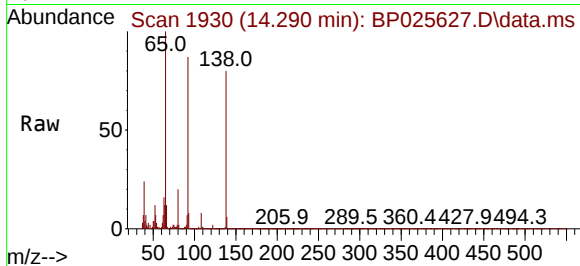




#53  
3-Nitroaniline  
Concen: 24.936 ng  
RT: 14.290 min Scan# 1930  
Delta R.T. -0.012 min  
Lab File: BP025627.D  
Acq: 29 Aug 2025 16:03

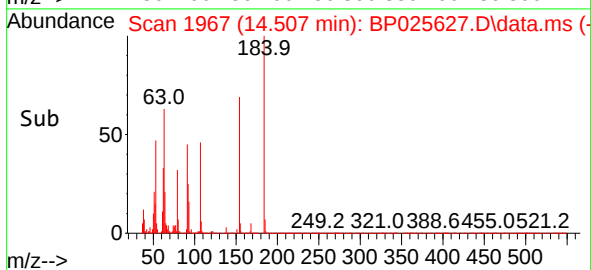
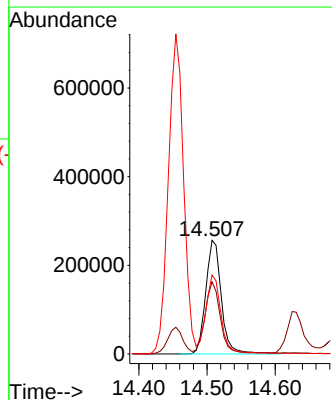
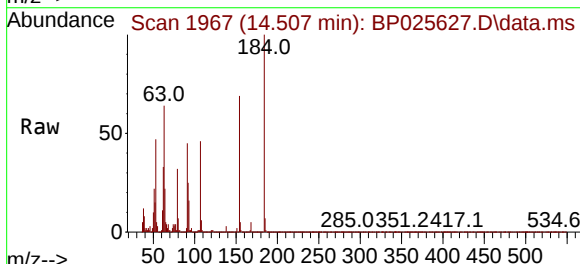
Instrument :  
BNA\_P  
ClientSampleId :  
NORTH-TP-3MS

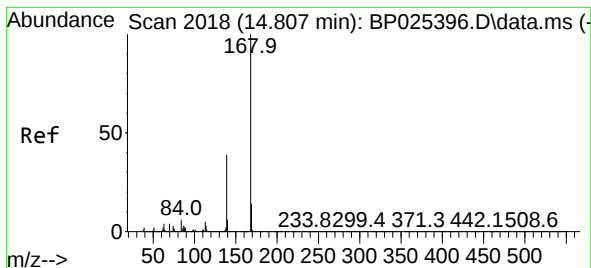
Tgt Ion:138 Resp: 196614  
Ion Ratio Lower Upper  
138 100  
108 10.5 8.3 12.5  
92 108.6 86.2 129.2



#54  
2,4-Dinitrophenol  
Concen: 109.490 ng  
RT: 14.507 min Scan# 1967  
Delta R.T. 0.000 min  
Lab File: BP025627.D  
Acq: 29 Aug 2025 16:03

Tgt Ion:184 Resp: 409774  
Ion Ratio Lower Upper  
184 100  
63 63.6 49.4 74.2  
154 69.4 54.6 82.0

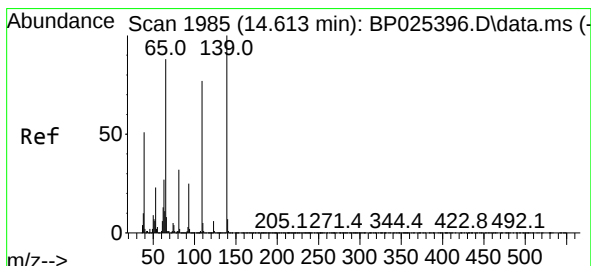
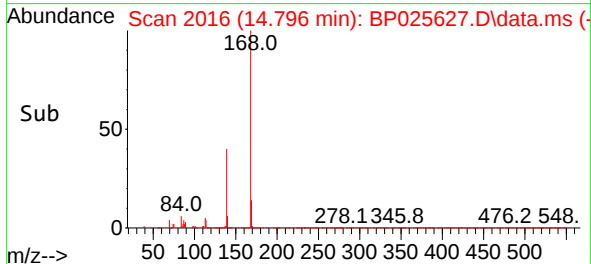
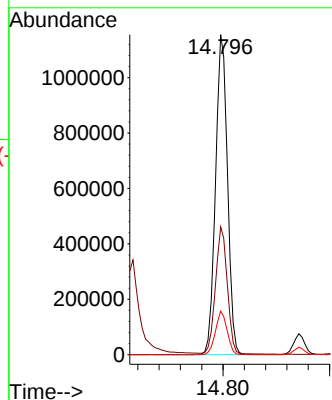
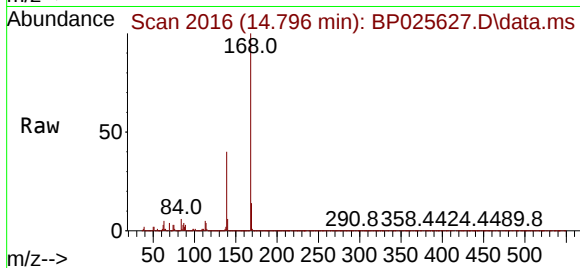




#55  
Dibenzenofuran  
Concen: 45.505 ng  
RT: 14.796 min Scan# 2018  
Delta R.T. -0.012 min  
Lab File: BP025627.D  
Acq: 29 Aug 2025 16:03

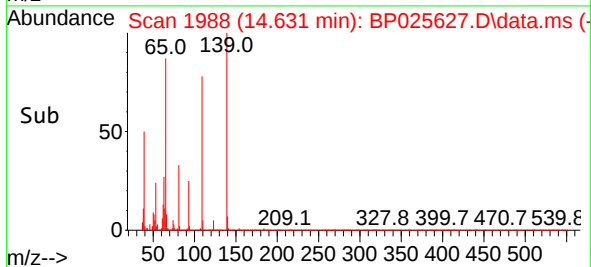
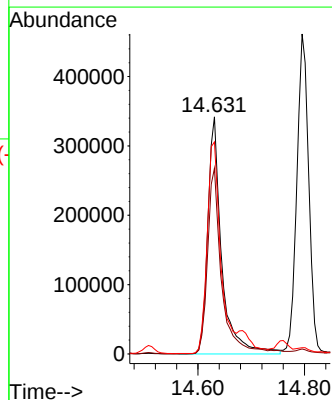
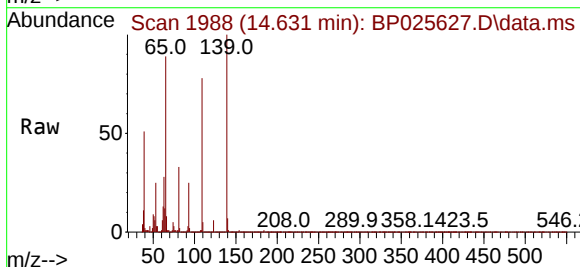
Instrument :  
BNA\_P  
ClientSampleId :  
NORTH-TP-3MS

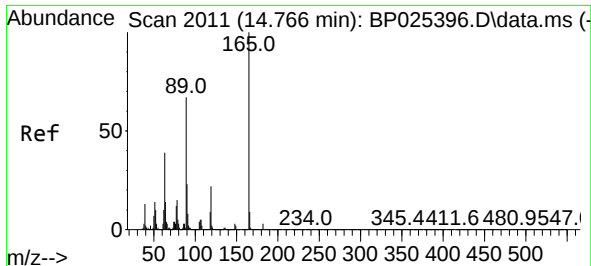
Tgt Ion:168 Resp: 1793894  
Ion Ratio Lower Upper  
168 100  
139 39.9 31.5 47.3  
169 13.6 10.9 16.3



#56  
4-Nitrophenol  
Concen: 95.670 ng  
RT: 14.631 min Scan# 1988  
Delta R.T. 0.018 min  
Lab File: BP025627.D  
Acq: 29 Aug 2025 16:03

Tgt Ion:139 Resp: 619871  
Ion Ratio Lower Upper  
139 100  
109 78.3 56.6 96.6  
65 89.4 68.2 108.2

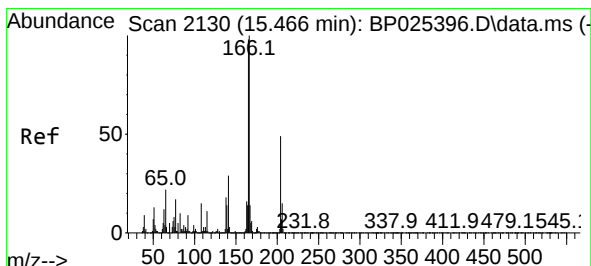
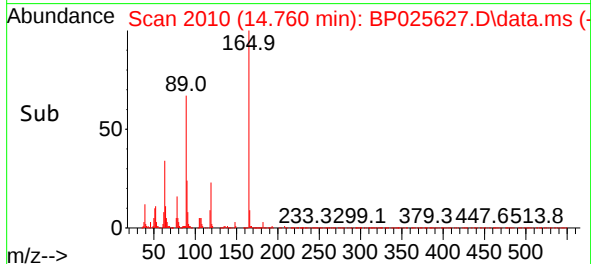
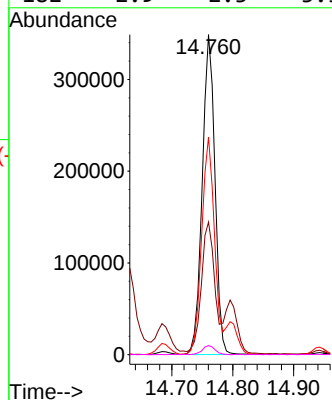
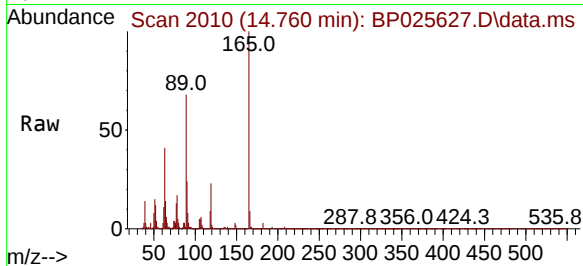




#57  
2,4-Dinitrotoluene  
Concen: 50.328 ng  
RT: 14.760 min Scan# 2011  
Delta R.T. -0.006 min  
Lab File: BP025627.D  
Acq: 29 Aug 2025 16:03

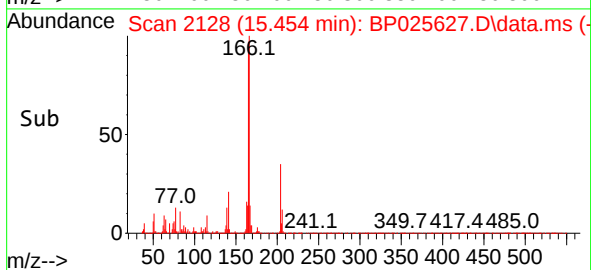
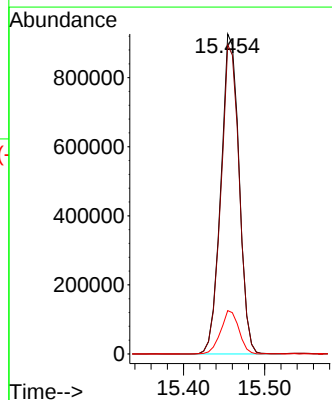
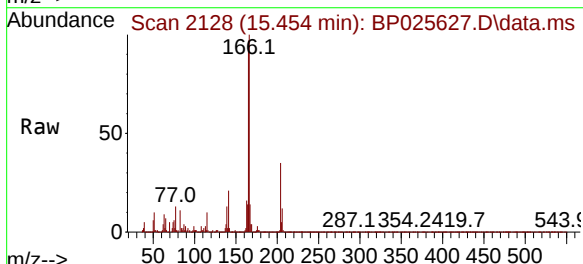
Instrument :  
BNA\_P  
ClientSampleId :  
NORTH-TP-3MS

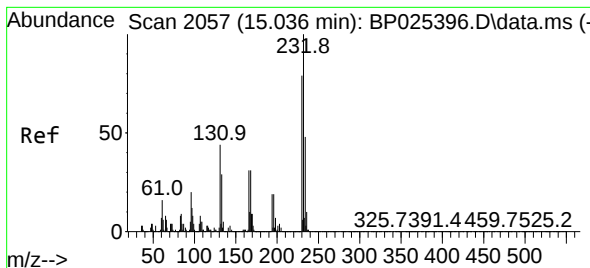
|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 165   | Resp: | 503227 |
| Ion      | Ratio | Lower | Upper  |
| 165      | 100   |       |        |
| 63       | 41.5  | 31.4  | 47.2   |
| 89       | 68.0  | 53.3  | 79.9   |
| 182      | 2.9   | 2.3   | 3.5    |



#58  
Fluorene  
Concen: 46.407 ng  
RT: 15.454 min Scan# 2128  
Delta R.T. -0.012 min  
Lab File: BP025627.D  
Acq: 29 Aug 2025 16:03

|          |       |       |         |
|----------|-------|-------|---------|
| Tgt Ion: | 166   | Resp: | 1443560 |
| Ion      | Ratio | Lower | Upper   |
| 166      | 100   |       |         |
| 165      | 96.6  | 78.8  | 118.2   |
| 167      | 13.5  | 11.0  | 16.4    |

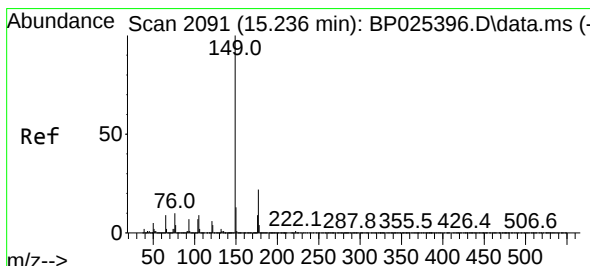
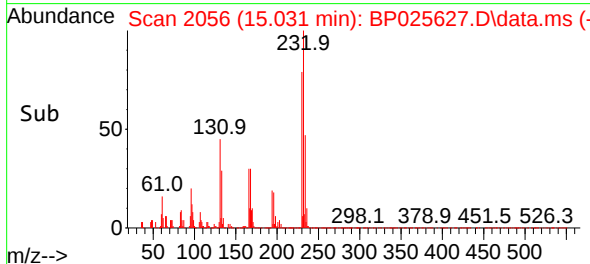
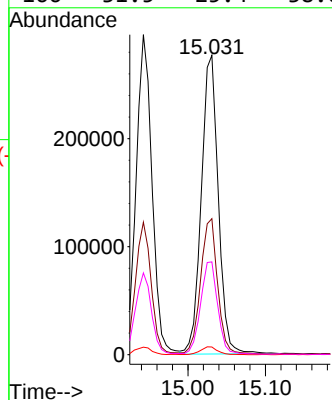
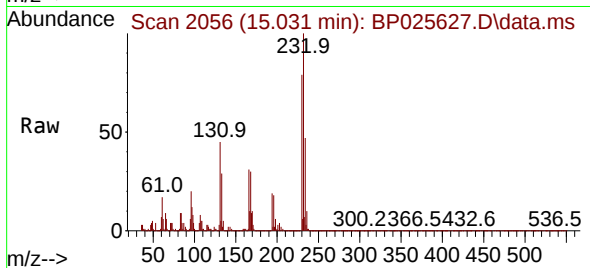




#59  
2,3,4,6-Tetrachlorophenol  
Concen: 49.179 ng  
RT: 15.031 min Scan# 2057  
Delta R.T. -0.006 min  
Lab File: BP025627.D  
Acq: 29 Aug 2025 16:03

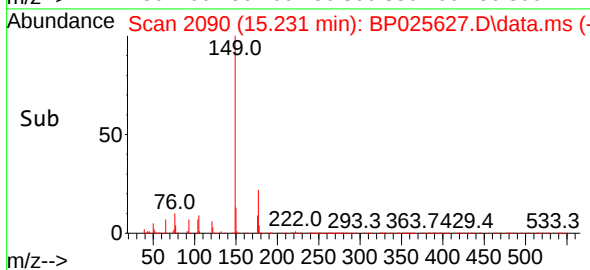
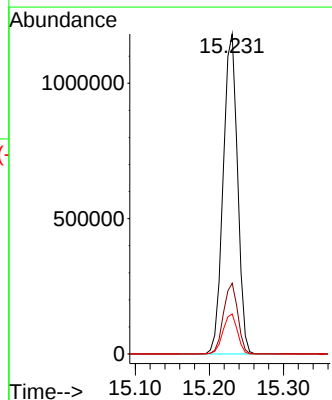
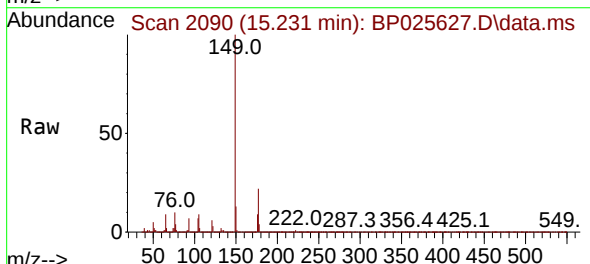
Instrument :  
BNA\_P  
ClientSampleId :  
NORTH-TP-3MS

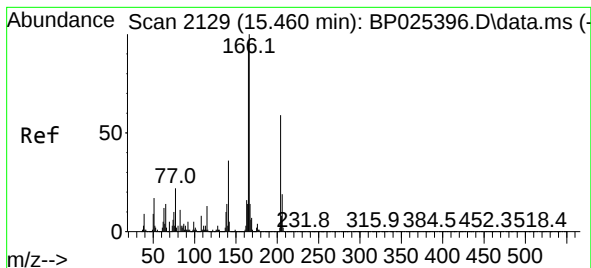
Tgt Ion:232 Resp: 421336  
Ion Ratio Lower Upper  
232 100  
131 45.4 37.0 55.6  
130 2.7 1.9 2.9  
166 31.5 25.4 38.0



#60  
Diethylphthalate  
Concen: 47.108 ng  
RT: 15.231 min Scan# 2090  
Delta R.T. -0.006 min  
Lab File: BP025627.D  
Acq: 29 Aug 2025 16:03

Tgt Ion:149 Resp: 1591585  
Ion Ratio Lower Upper  
149 100  
177 22.1 17.3 25.9  
150 12.5 10.3 15.5

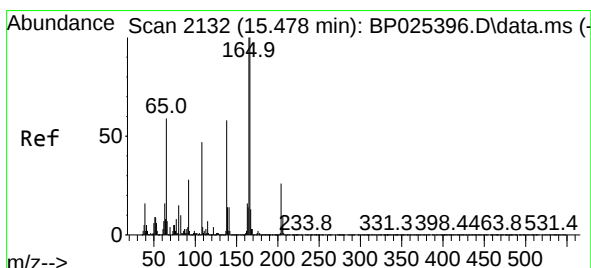
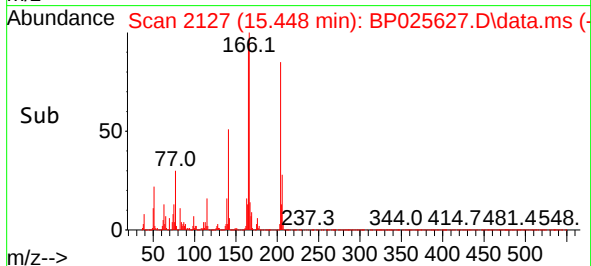
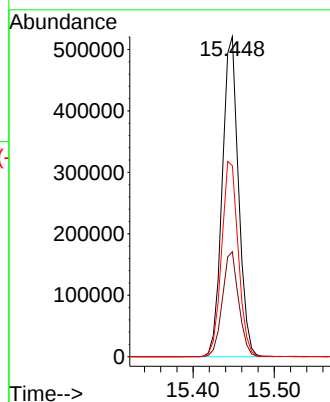
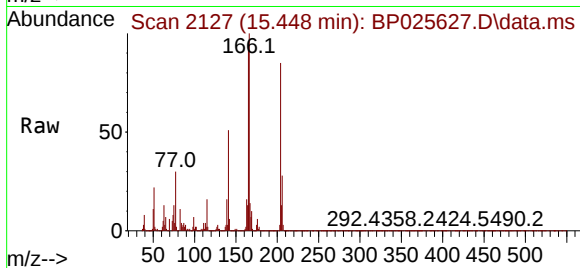




#61  
4-Chlorophenyl-phenylether  
Concen: 46.870 ng  
RT: 15.448 min Scan# 2127  
Delta R.T. -0.012 min  
Lab File: BP025627.D  
Acq: 29 Aug 2025 16:03

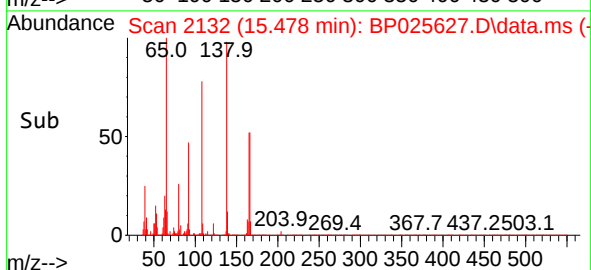
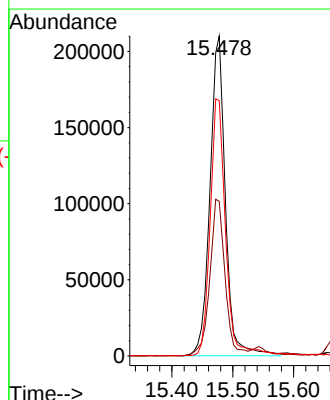
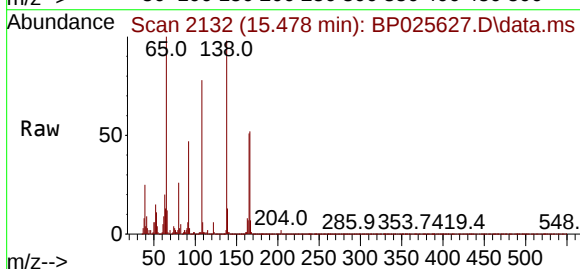
Instrument :  
BNA\_P  
ClientSampleId :  
NORTH-TP-3MS

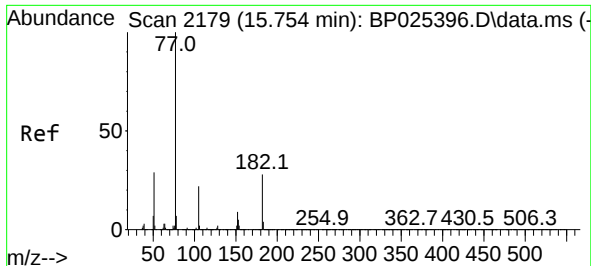
Tgt Ion:204 Resp: 725104  
Ion Ratio Lower Upper  
204 100  
206 32.8 25.8 38.8  
141 59.7 49.4 74.2



#62  
4-Nitroaniline  
Concen: 45.828 ng  
RT: 15.478 min Scan# 2132  
Delta R.T. 0.000 min  
Lab File: BP025627.D  
Acq: 29 Aug 2025 16:03

Tgt Ion:138 Resp: 370448  
Ion Ratio Lower Upper  
138 100  
92 48.3 29.1 69.1  
108 79.8 61.5 101.5



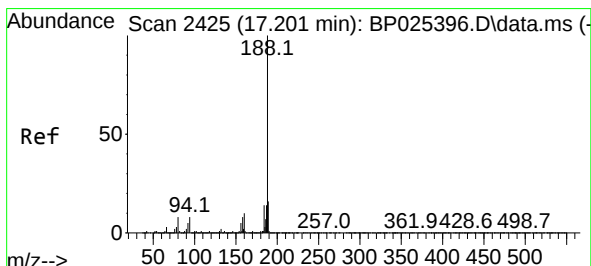
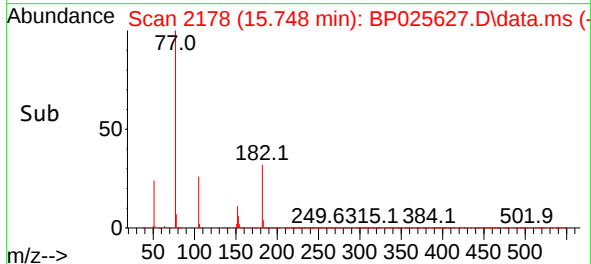
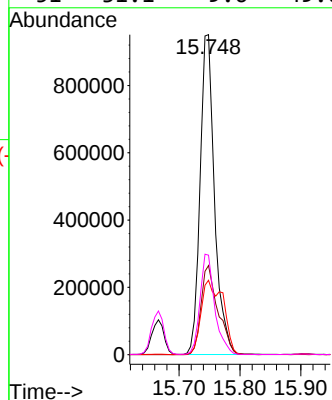
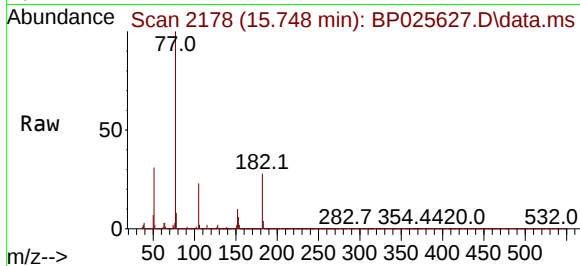


#63  
Azobenzene  
Concen: 54.144 ng  
RT: 15.748 min Scan# 2178  
Delta R.T. -0.006 min  
Lab File: BP025627.D  
Acq: 29 Aug 2025 16:03

Instrument :  
BNA\_P  
ClientSampleId :  
NORTH-TP-3MS

Tgt Ion: 77 Resp: 1566353

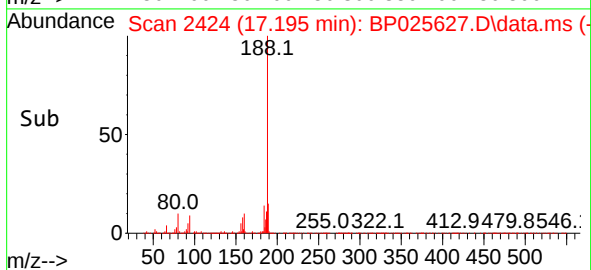
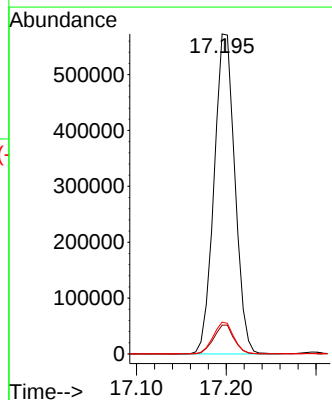
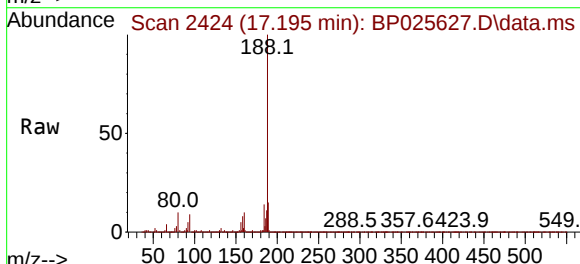
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 77  | 100   |       |       |
| 182 | 27.9  | 7.5   | 47.5  |
| 105 | 23.3  | 2.1   | 42.1  |
| 51  | 31.1  | 9.6   | 49.6  |

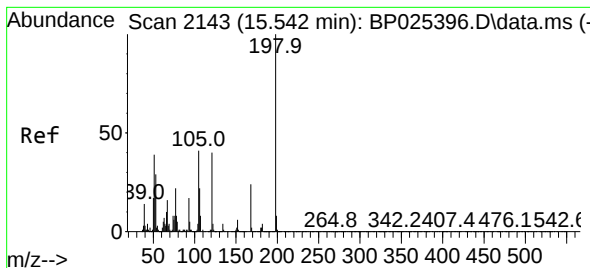


#64  
Phenanthrene-d10  
Concen: 20.000 ng  
RT: 17.195 min Scan# 2424  
Delta R.T. -0.006 min  
Lab File: BP025627.D  
Acq: 29 Aug 2025 16:03

Tgt Ion: 188 Resp: 923543

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 188 | 100   |       |       |
| 94  | 9.0   | 6.6   | 10.0  |
| 80  | 9.9   | 6.7   | 10.1  |

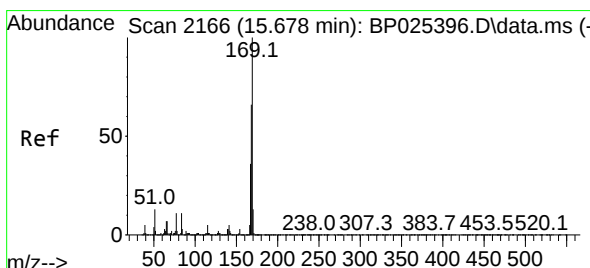
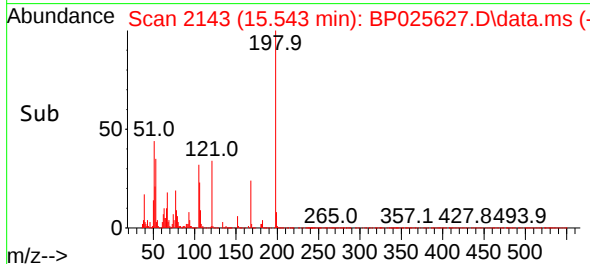
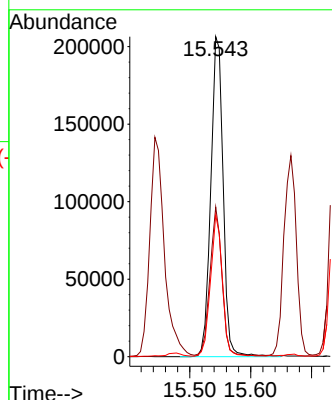
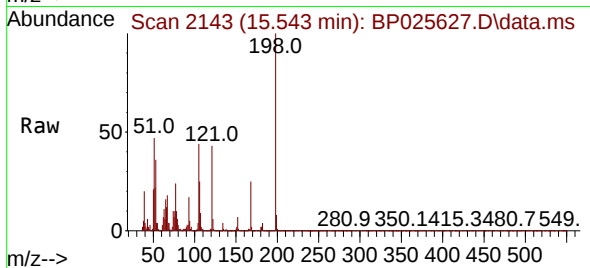




#65  
4,6-Dinitro-2-methylphenol  
Concen: 50.546 ng  
RT: 15.543 min Scan# 2143  
Delta R.T. 0.000 min  
Lab File: BP025627.D  
Acq: 29 Aug 2025 16:03

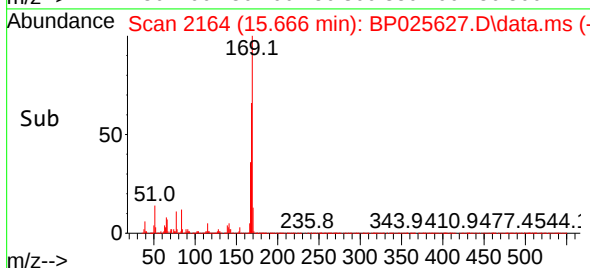
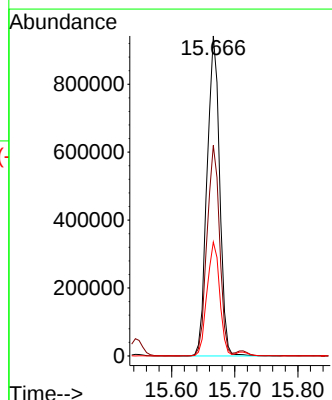
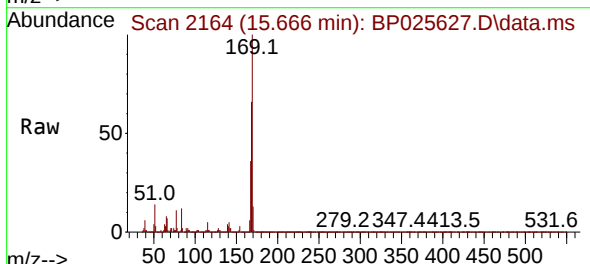
Instrument :  
BNA\_P  
ClientSampleId :  
NORTH-TP-3MS

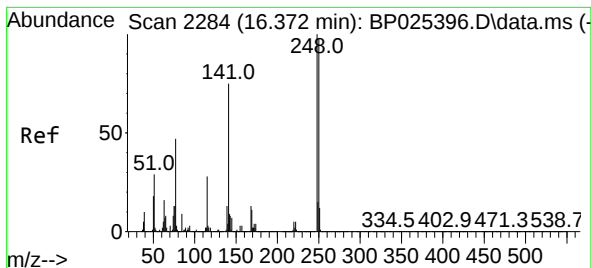
| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 198     | 100   |       |       |
| 51      | 46.8  | 19.6  | 59.6  |
| 105     | 44.3  | 20.9  | 60.9  |



#66  
n-Nitrosodiphenylamine  
Concen: 46.194 ng  
RT: 15.666 min Scan# 2164  
Delta R.T. -0.012 min  
Lab File: BP025627.D  
Acq: 29 Aug 2025 16:03

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 169     | 100   |       |       |
| 168     | 65.8  | 53.2  | 79.8  |
| 167     | 35.6  | 28.7  | 43.1  |

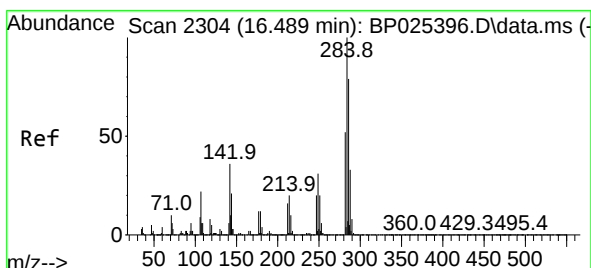
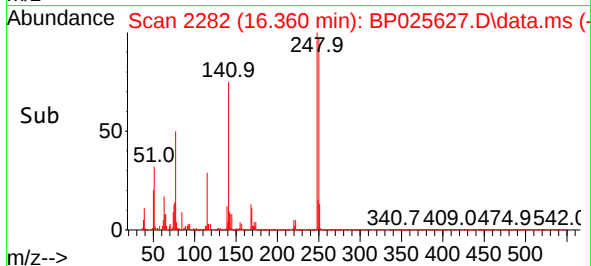
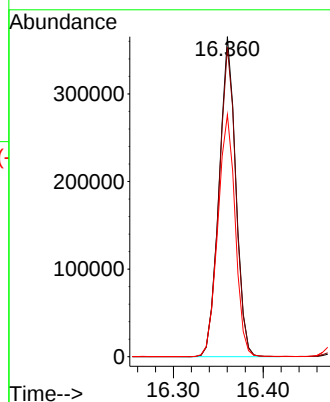
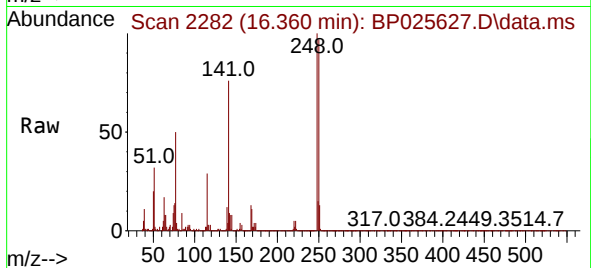




#67  
4-Bromophenyl-phenylether  
Concen: 46.424 ng  
RT: 16.360 min Scan# 21  
Delta R.T. -0.012 min  
Lab File: BP025627.D  
Acq: 29 Aug 2025 16:03

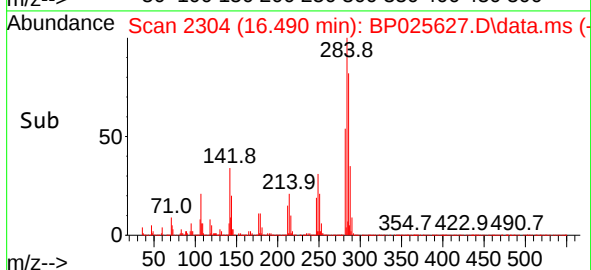
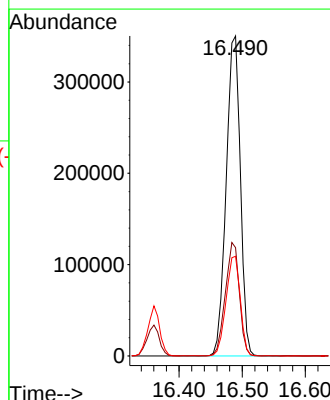
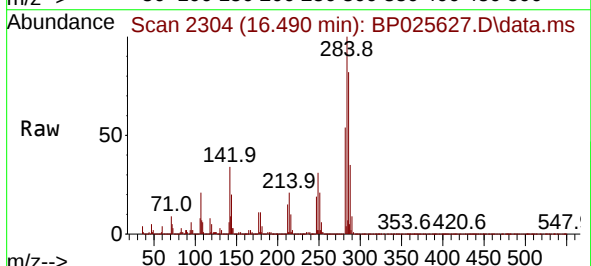
Instrument :  
BNA\_P  
ClientSampleId :  
NORTH-TP-3MS

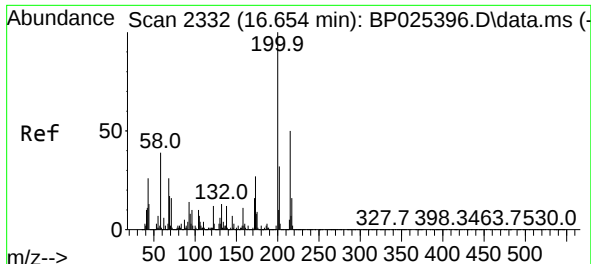
Tgt Ion:248 Resp: 471538  
Ion Ratio Lower Upper  
248 100  
250 96.8 78.2 117.2  
141 75.6 59.6 89.4



#68  
Hexachlorobenzene  
Concen: 46.279 ng  
RT: 16.490 min Scan# 2304  
Delta R.T. 0.000 min  
Lab File: BP025627.D  
Acq: 29 Aug 2025 16:03

Tgt Ion:284 Resp: 544911  
Ion Ratio Lower Upper  
284 100  
142 33.8 29.1 43.7  
249 31.2 25.0 37.4

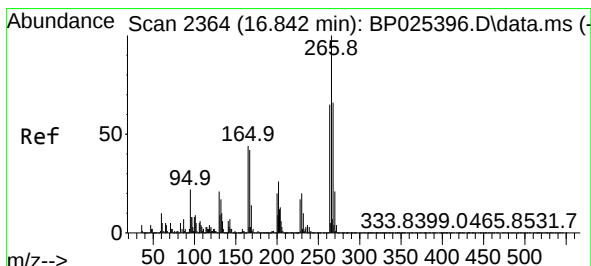
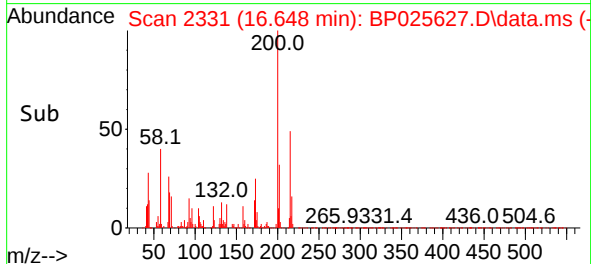
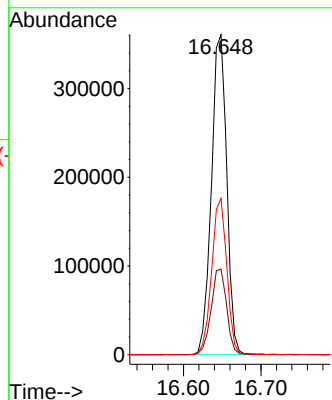
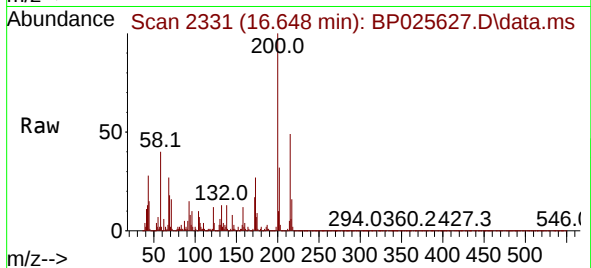




#69  
Atrazine  
Concen: 46.954 ng  
RT: 16.648 min Scan# 21  
Delta R.T. -0.006 min  
Lab File: BP025627.D  
Acq: 29 Aug 2025 16:03

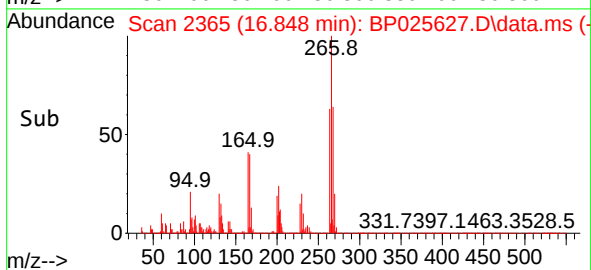
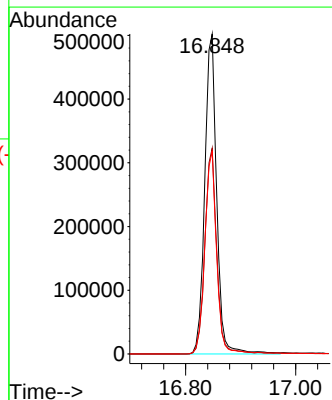
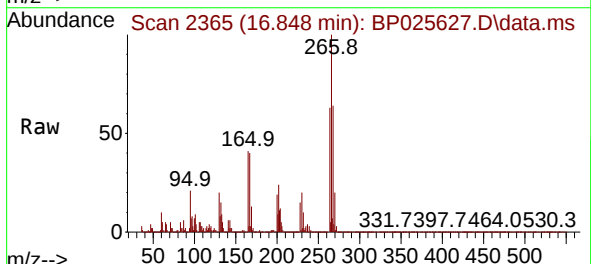
Instrument :  
BNA\_P  
ClientSampleId :  
NORTH-TP-3MS

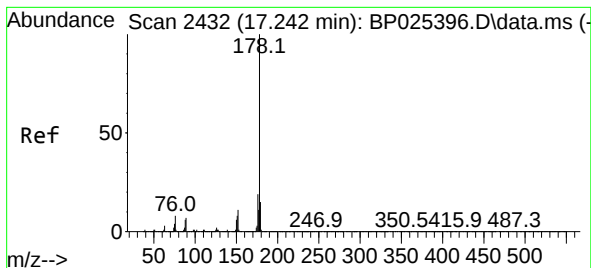
Tgt Ion:200 Resp: 495221  
Ion Ratio Lower Upper  
200 100  
173 26.7 6.7 46.7  
215 48.9 29.7 69.7



#70  
Pentachlorophenol  
Concen: 101.622 ng  
RT: 16.848 min Scan# 2365  
Delta R.T. 0.006 min  
Lab File: BP025627.D  
Acq: 29 Aug 2025 16:03

Tgt Ion:266 Resp: 755317  
Ion Ratio Lower Upper  
266 100  
268 64.3 52.6 79.0  
264 63.4 52.0 78.0





#71

Phenanthrene

Concen: 45.487 ng

RT: 17.242 min Scan# 2432

Delta R.T. 0.000 min

Lab File: BP025627.D

Acq: 29 Aug 2025 16:03

Instrument :

BNA\_P

ClientSampleId :

NORTH-TP-3MS

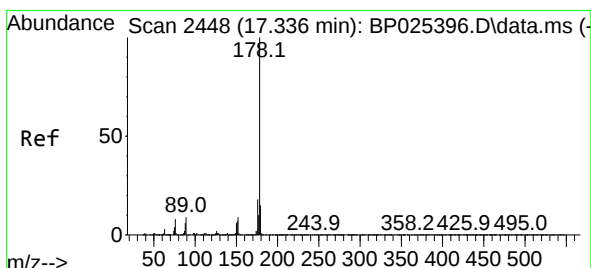
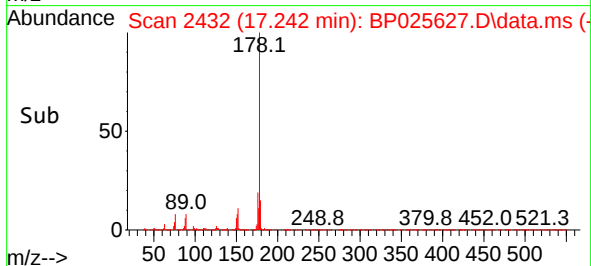
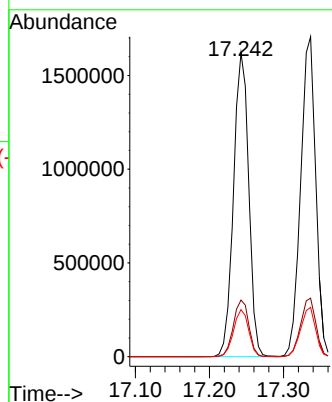
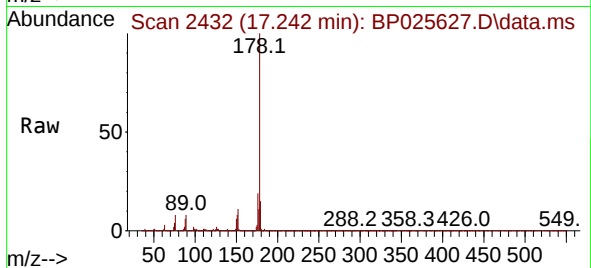
Tgt Ion:178 Resp: 2307702

Ion Ratio Lower Upper

178 100

176 18.7 15.5 23.3

179 15.5 12.2 18.4



#72

Anthracene

Concen: 46.728 ng

RT: 17.337 min Scan# 2448

Delta R.T. 0.000 min

Lab File: BP025627.D

Acq: 29 Aug 2025 16:03

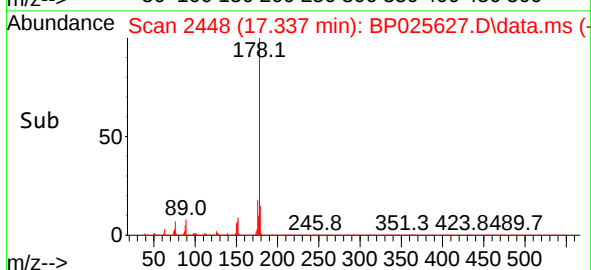
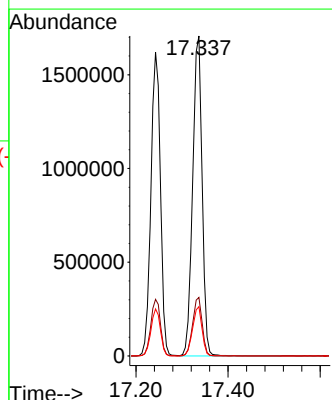
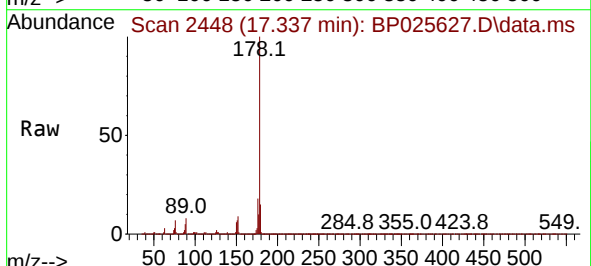
Tgt Ion:178 Resp: 2420914

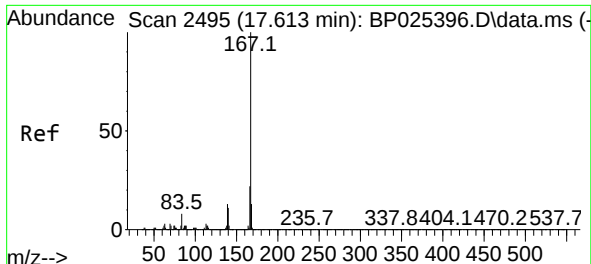
Ion Ratio Lower Upper

178 100

176 18.3 14.7 22.1

179 15.4 12.2 18.2

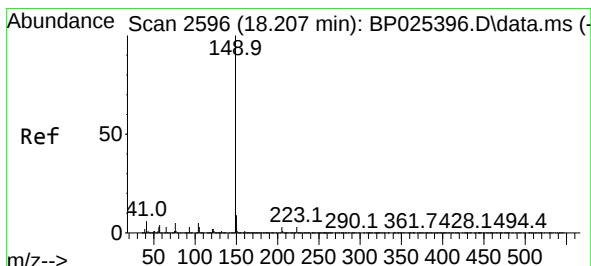
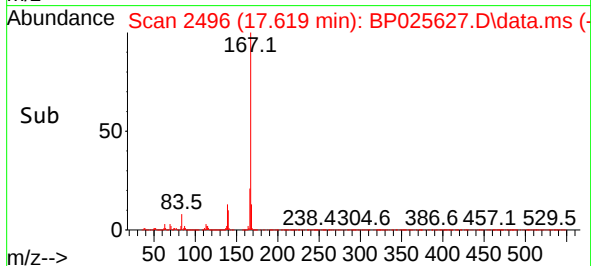
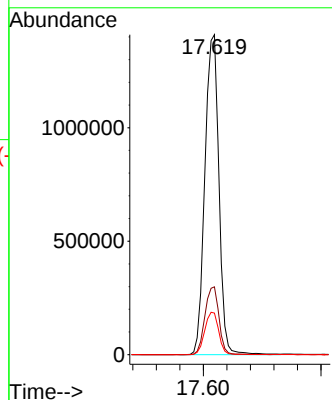
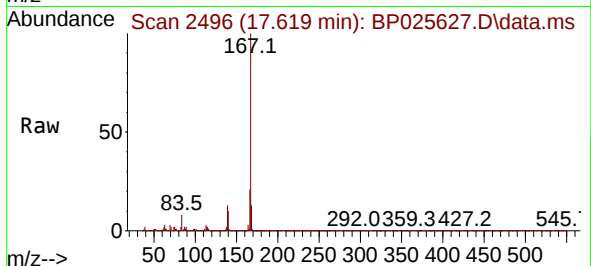




#73  
Carbazole  
Concen: 47.956 ng  
RT: 17.619 min Scan# 2495  
Delta R.T. 0.006 min  
Lab File: BP025627.D  
Acq: 29 Aug 2025 16:03

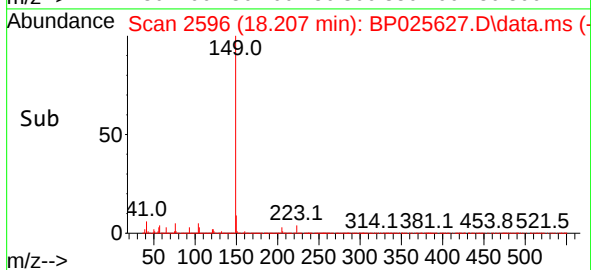
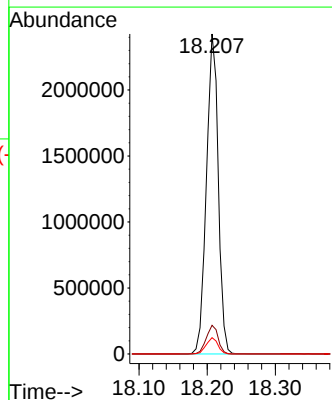
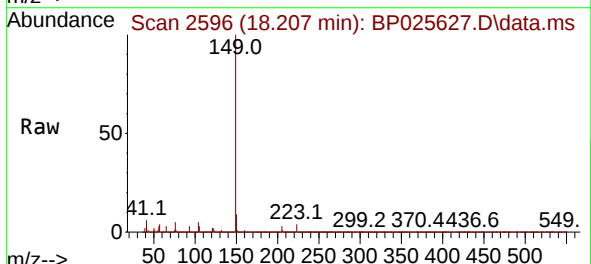
Instrument :  
BNA\_P  
ClientSampleId :  
NORTH-TP-3MS

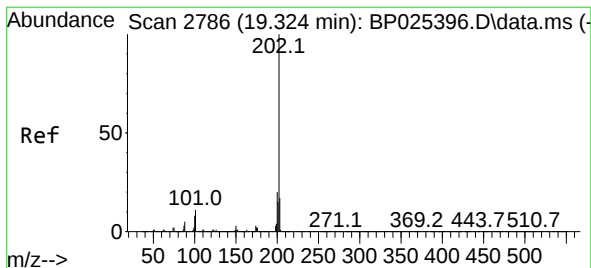
Tgt Ion:167 Resp: 2340208  
Ion Ratio Lower Upper  
167 100  
166 21.2 17.5 26.3  
139 13.0 10.6 16.0



#74  
Di-n-butylphthalate  
Concen: 48.677 ng  
RT: 18.207 min Scan# 2596  
Delta R.T. 0.000 min  
Lab File: BP025627.D  
Acq: 29 Aug 2025 16:03

Tgt Ion:149 Resp: 2922520  
Ion Ratio Lower Upper  
149 100  
150 9.0 7.4 11.0  
104 5.1 4.2 6.2





#75

Fluoranthene

Concen: 47.332 ng

RT: 19.331 min Scan# 21

Delta R.T. 0.006 min

Lab File: BP025627.D

Acq: 29 Aug 2025 16:03

Instrument :

BNA\_P

ClientSampleId :

NORTH-TP-3MS

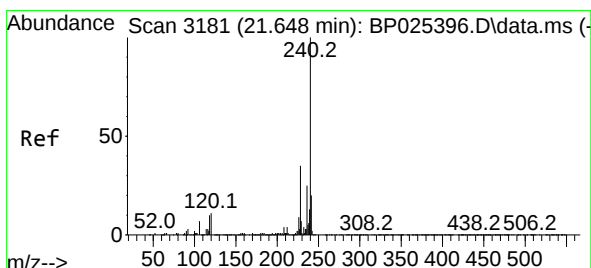
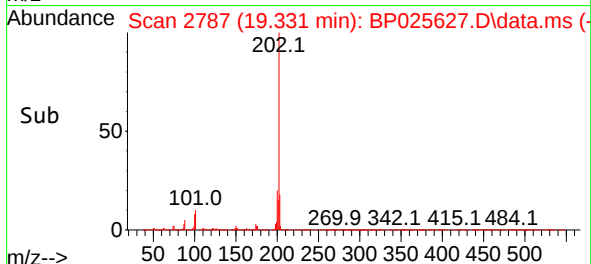
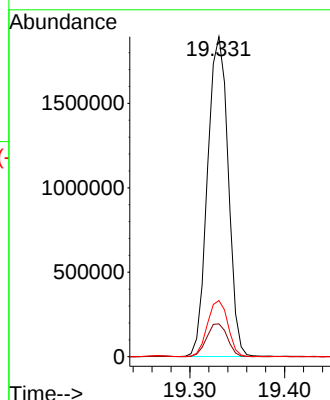
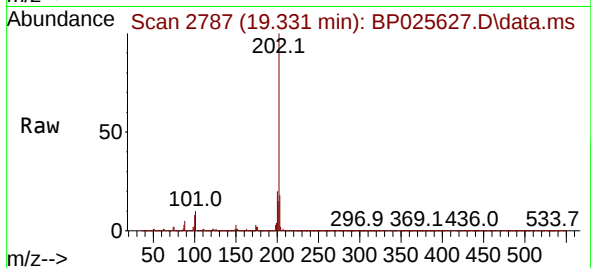
Tgt Ion:202 Resp: 2864338

Ion Ratio Lower Upper

202 100

101 10.3 0.0 31.1

203 17.5 0.0 37.3



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.648 min Scan# 3181

Delta R.T. 0.000 min

Lab File: BP025627.D

Acq: 29 Aug 2025 16:03

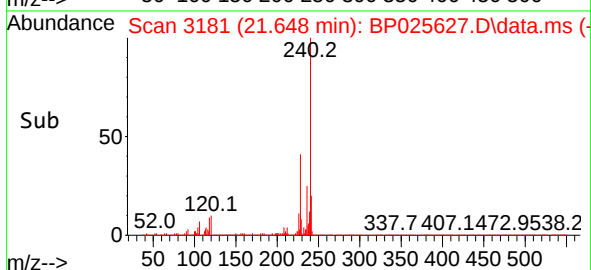
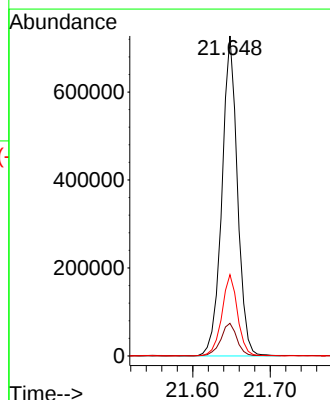
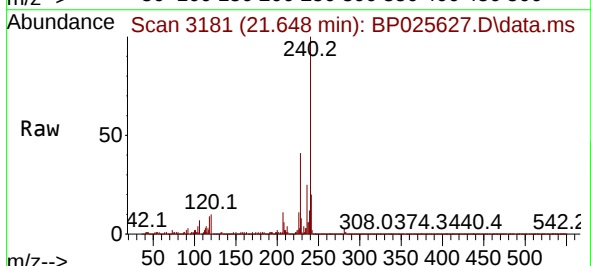
Tgt Ion:240 Resp: 1014373

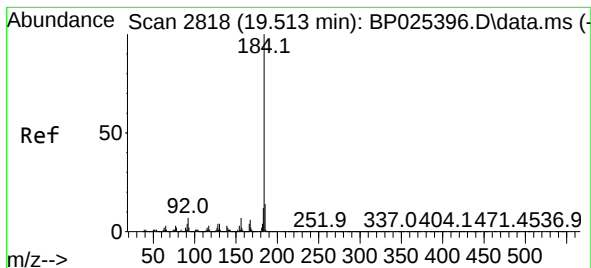
Ion Ratio Lower Upper

240 100

120 10.2 8.9 13.3

236 25.4 19.8 29.8





#77

Benzidine

Concen: 41.275 ng

RT: 19.513 min Scan# 2818

Delta R.T. 0.000 min

Lab File: BP025627.D

Acq: 29 Aug 2025 16:03

Instrument :

BNA\_P

ClientSampleId :

NORTH-TP-3MS

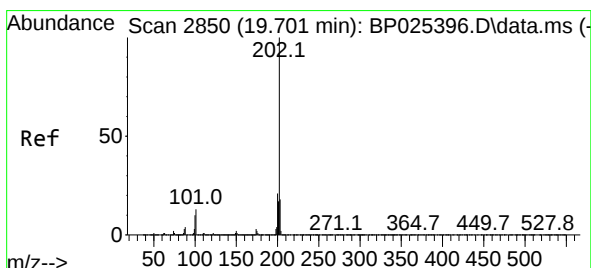
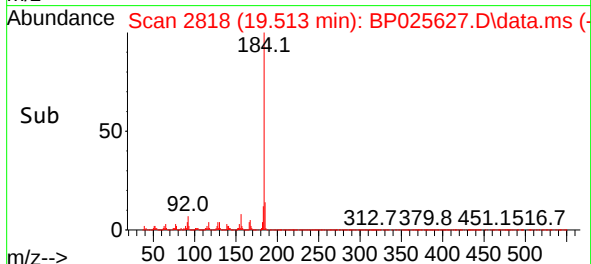
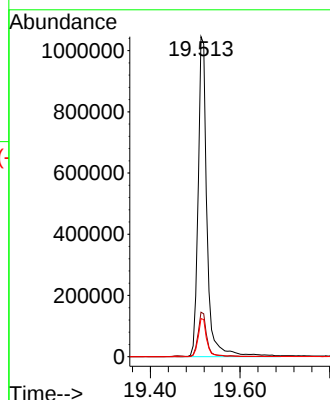
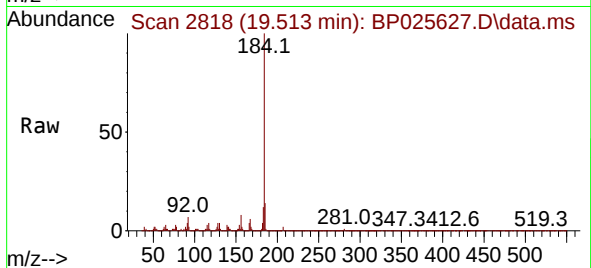
Tgt Ion:184 Resp: 1428879

Ion Ratio Lower Upper

184 100

185 13.9 11.5 17.3

183 11.9 9.4 14.2



#78

Pyrene

Concen: 44.665 ng

RT: 19.707 min Scan# 2851

Delta R.T. 0.006 min

Lab File: BP025627.D

Acq: 29 Aug 2025 16:03

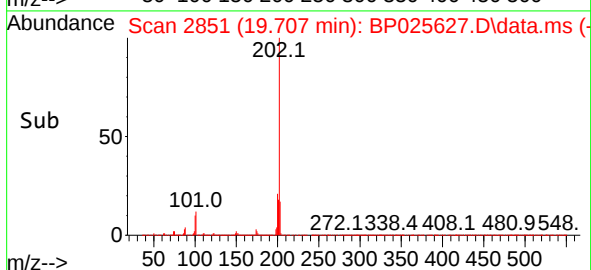
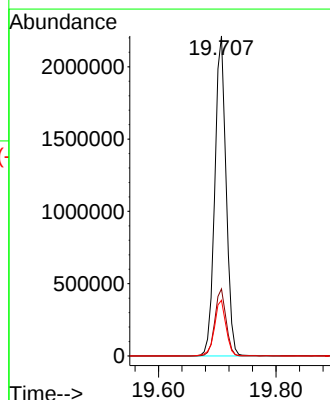
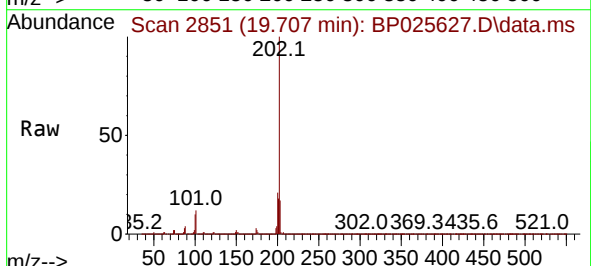
Tgt Ion:202 Resp: 2944800

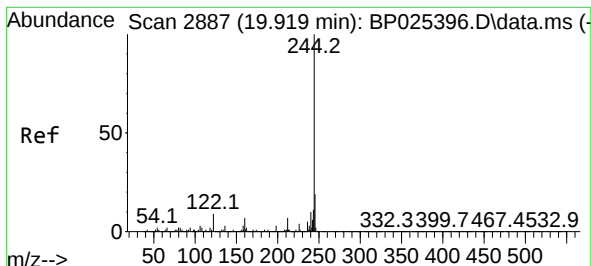
Ion Ratio Lower Upper

202 100

200 21.0 16.9 25.3

203 17.4 14.2 21.2





#79

Terphenyl-d14

Concen: 53.450 ng

RT: 19.913 min Scan# 21

Delta R.T. -0.006 min

Lab File: BP025627.D

Acq: 29 Aug 2025 16:03

Instrument :

BNA\_P

ClientSampleId :

NORTH-TP-3MS

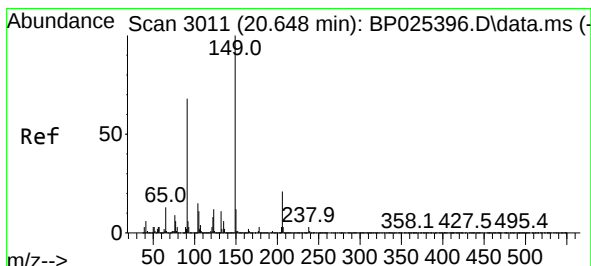
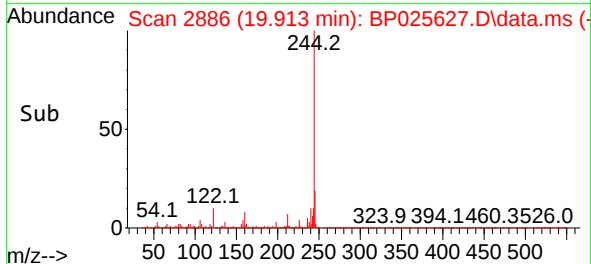
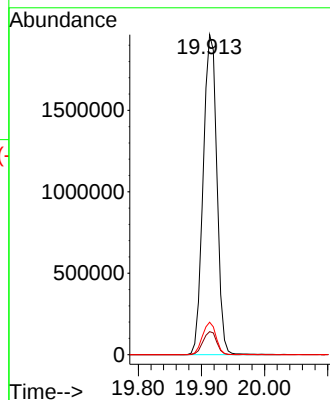
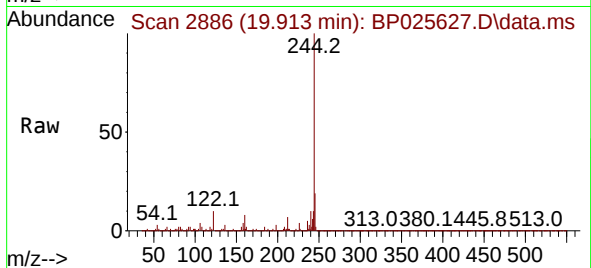
Tgt Ion:244 Resp: 2963423

Ion Ratio Lower Upper

244 100

212 7.2 5.8 8.6

122 10.2 7.4 11.2



#80

Butylbenzylphthalate

Concen: 48.424 ng

RT: 20.642 min Scan# 3010

Delta R.T. -0.006 min

Lab File: BP025627.D

Acq: 29 Aug 2025 16:03

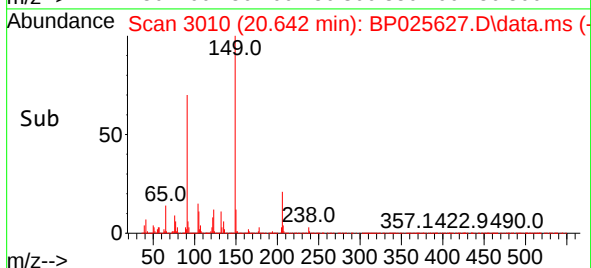
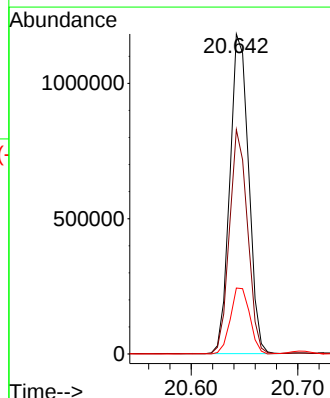
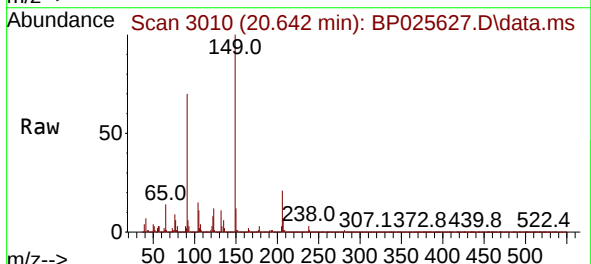
Tgt Ion:149 Resp: 1446936

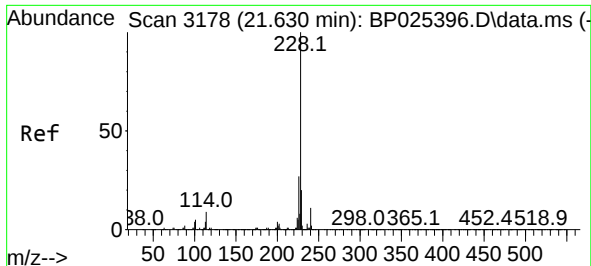
Ion Ratio Lower Upper

149 100

91 70.1 54.2 81.2

206 20.6 16.6 24.8

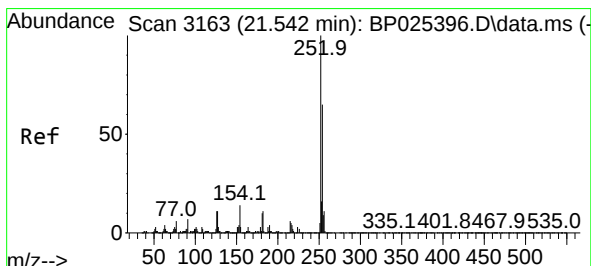
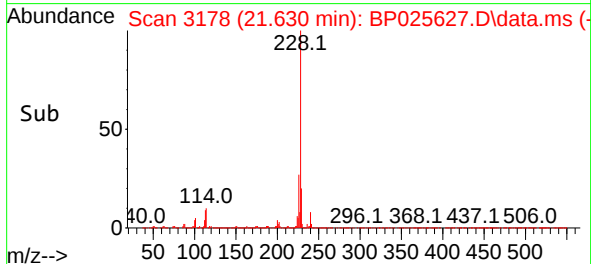
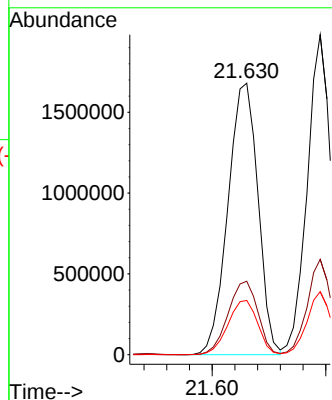
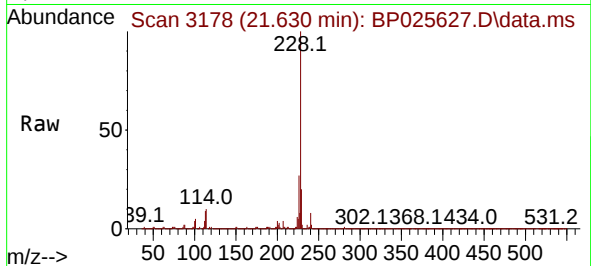




#81  
Benzo(a)anthracene  
Concen: 46.101 ng  
RT: 21.630 min Scan# 3178  
Delta R.T. 0.000 min  
Lab File: BP025627.D  
Acq: 29 Aug 2025 16:03

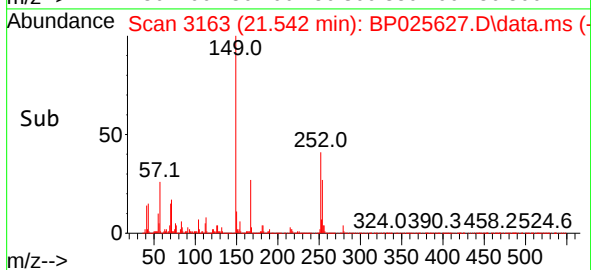
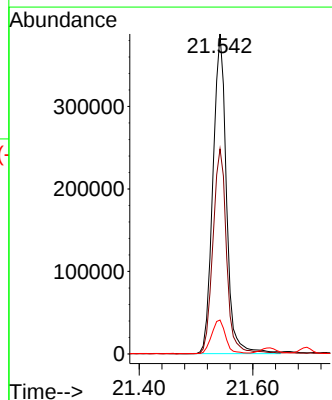
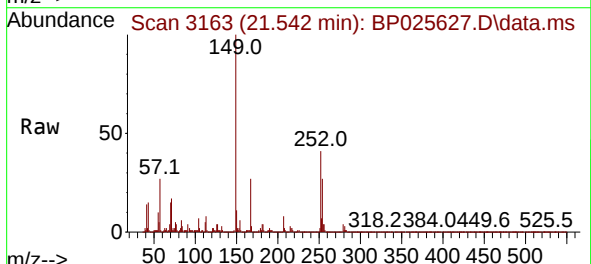
Instrument :  
BNA\_P  
ClientSampleId :  
NORTH-TP-3MS

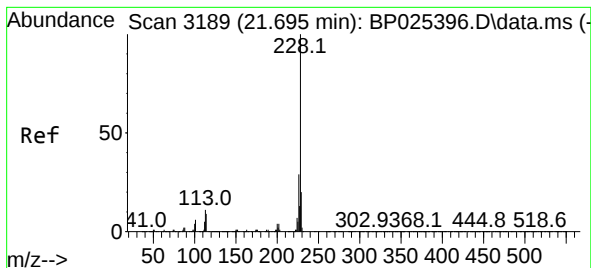
Tgt Ion:228 Resp: 3084108  
Ion Ratio Lower Upper  
228 100  
226 27.1 21.7 32.5  
229 20.0 15.6 23.4



#82  
3,3'-Dichlorobenzidine  
Concen: 25.315 ng  
RT: 21.542 min Scan# 3163  
Delta R.T. 0.000 min  
Lab File: BP025627.D  
Acq: 29 Aug 2025 16:03

Tgt Ion:252 Resp: 638325  
Ion Ratio Lower Upper  
252 100  
254 64.1 51.8 77.6  
126 10.6 9.1 13.7





#83

Chrysene

Concen: 46.197 ng

RT: 21.695 min Scan# 3189

Delta R.T. 0.000 min

Lab File: BP025627.D

Acq: 29 Aug 2025 16:03

Instrument :

BNA\_P

ClientSampleId :

NORTH-TP-3MS

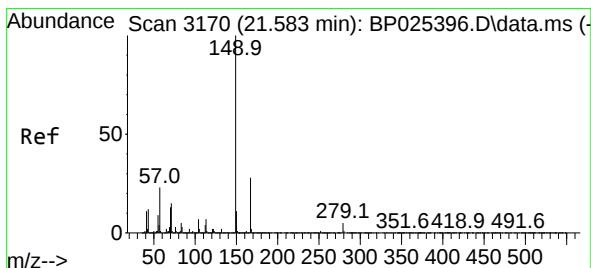
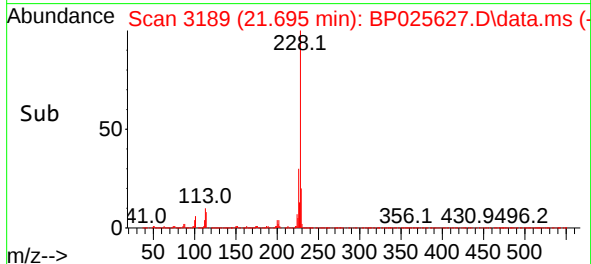
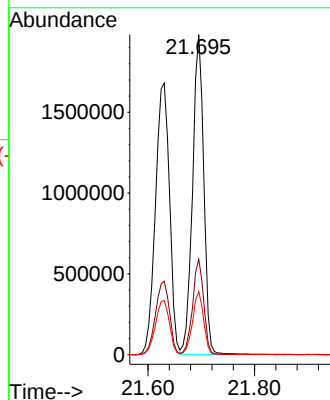
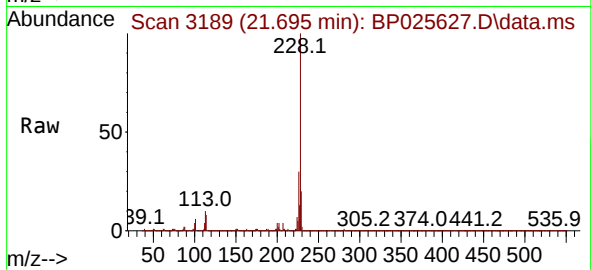
Tgt Ion:228 Resp: 2894243

Ion Ratio Lower Upper

228 100

226 29.8 23.2 34.8

229 19.7 15.6 23.4



#84

Bis(2-ethylhexyl)phthalate

Concen: 47.778 ng

RT: 21.554 min Scan# 3165

Delta R.T. -0.029 min

Lab File: BP025627.D

Acq: 29 Aug 2025 16:03

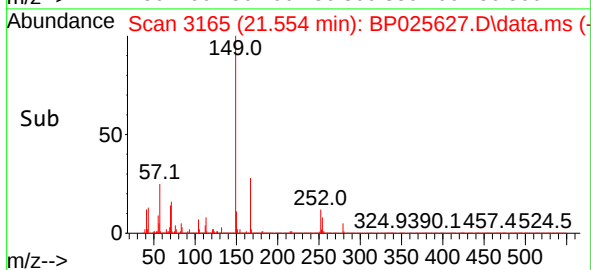
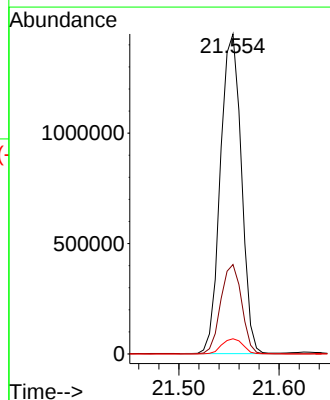
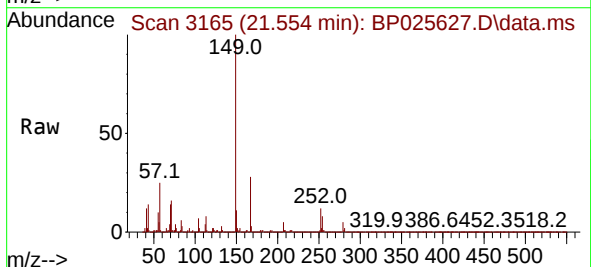
Tgt Ion:149 Resp: 2101549

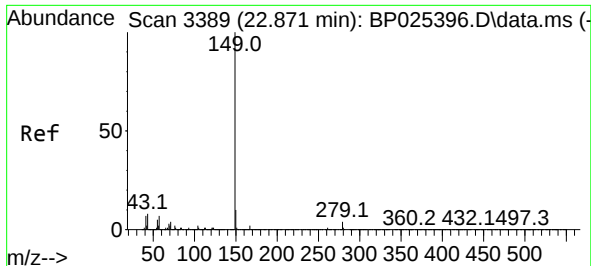
Ion Ratio Lower Upper

149 100

167 28.0 22.1 33.1

279 4.8 3.8 5.6

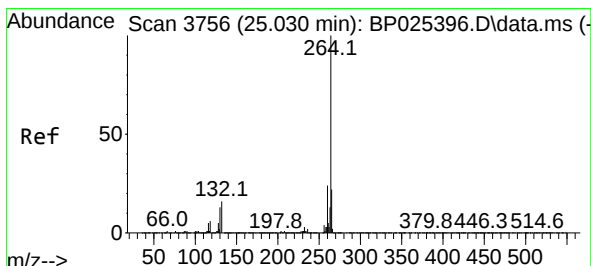
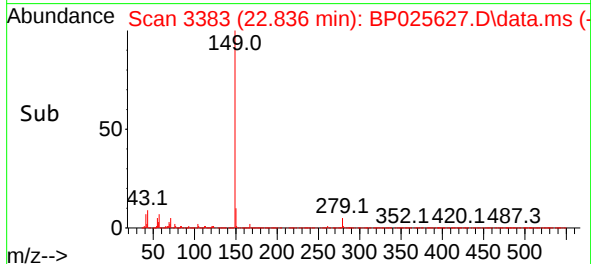
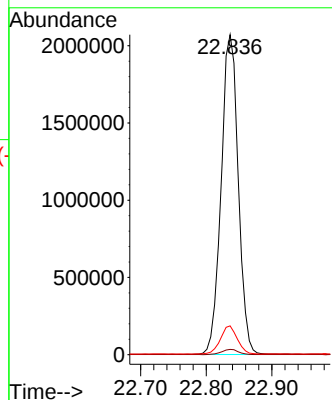
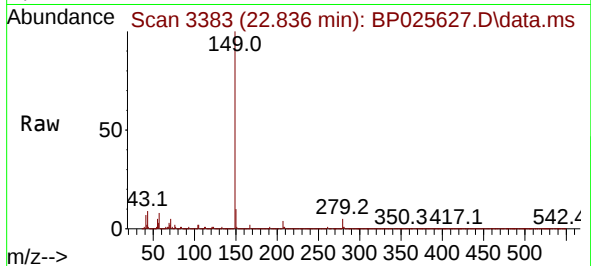




#85  
Di-n-octyl phthalate  
Concen: 49.372 ng  
RT: 22.836 min Scan# 31  
Delta R.T. -0.035 min  
Lab File: BP025627.D  
Acq: 29 Aug 2025 16:03

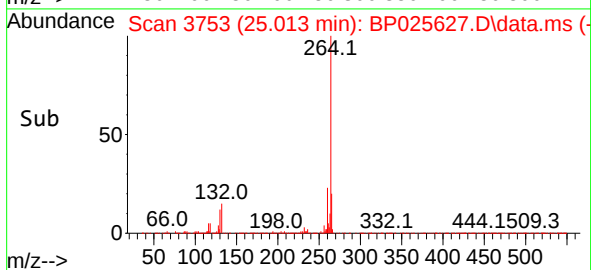
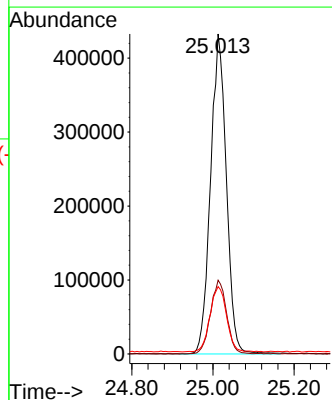
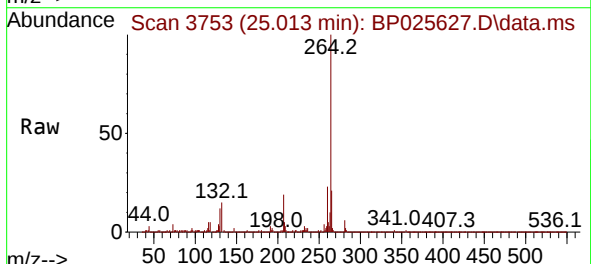
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BNA\_P  
ClientSampleId :  
NORTH-TP-3MS

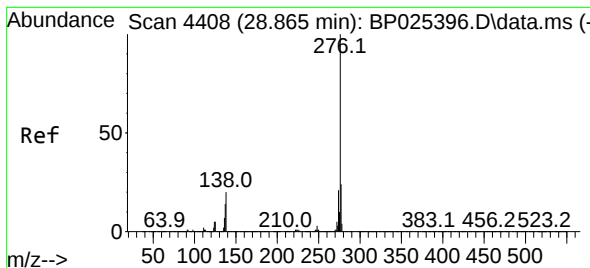
Tgt Ion:149 Resp: 3735372  
Ion Ratio Lower Upper  
149 100  
167 1.6 1.3 1.9  
43 8.6 6.3 9.5



#86  
Perylene-d12  
Concen: 20.000 ng  
RT: 25.013 min Scan# 3753  
Delta R.T. -0.017 min  
Lab File: BP025627.D  
Acq: 29 Aug 2025 16:03

Tgt Ion:264 Resp: 1167534  
Ion Ratio Lower Upper  
264 100  
260 23.1 19.3 28.9  
265 21.0 17.4 26.0





#87

Indeno(1,2,3-cd)pyrene

Concen: 46.382 ng

RT: 28.865 min Scan# 4408

Delta R.T. 0.000 min

Lab File: BP025627.D

Acq: 29 Aug 2025 16:03

Instrument :

BNA\_P

ClientSampleId :

NORTH-TP-3MS

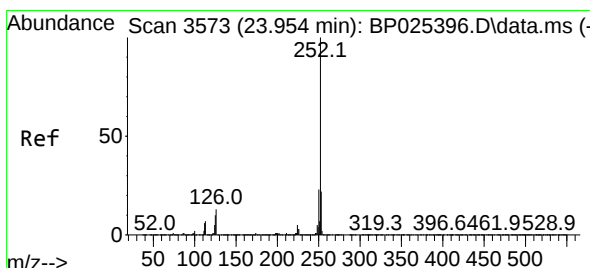
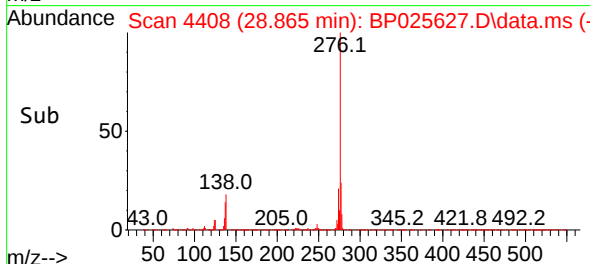
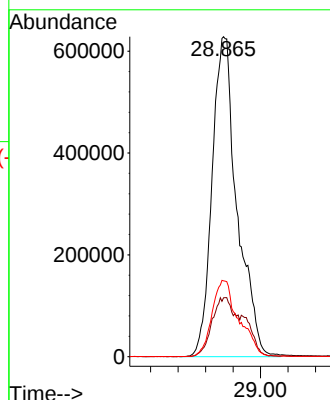
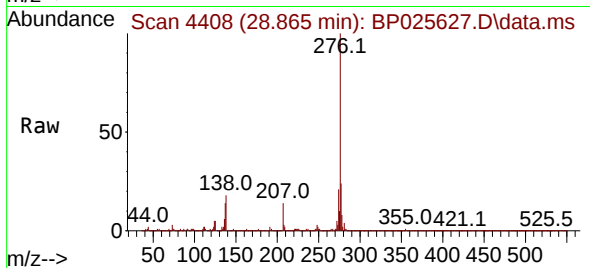
Tgt Ion:276 Resp: 3971348

Ion Ratio Lower Upper

276 100

138 17.2 12.9 19.3

277 25.4 17.0 25.6



#88

Benzo(b)fluoranthene

Concen: 47.083 ng

RT: 23.948 min Scan# 3572

Delta R.T. -0.006 min

Lab File: BP025627.D

Acq: 29 Aug 2025 16:03

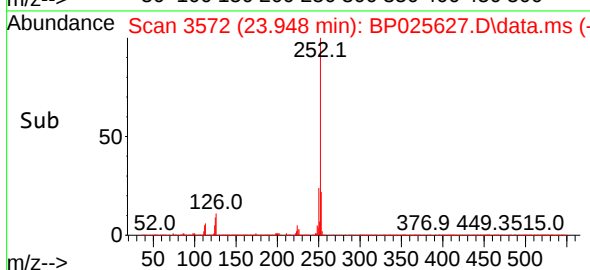
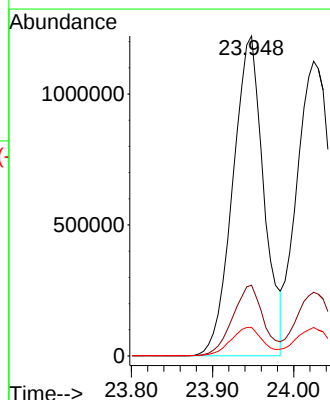
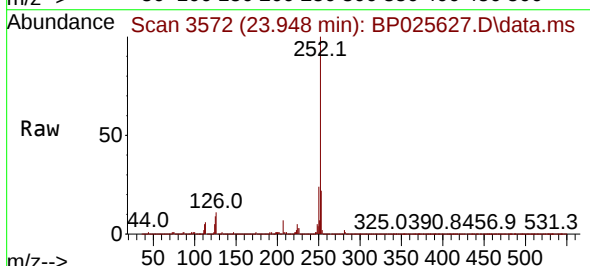
Tgt Ion:252 Resp: 3241476

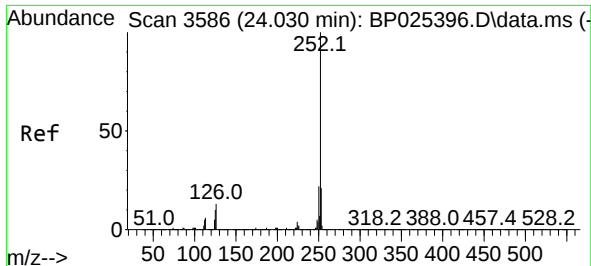
Ion Ratio Lower Upper

252 100

253 22.1 17.7 26.5

125 8.9 7.9 11.9

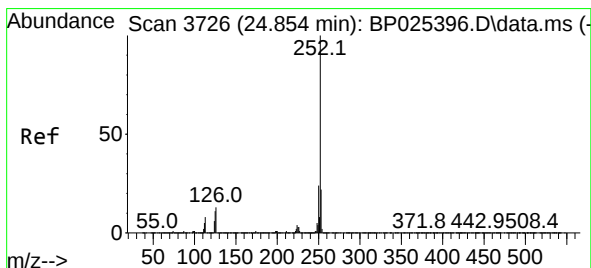
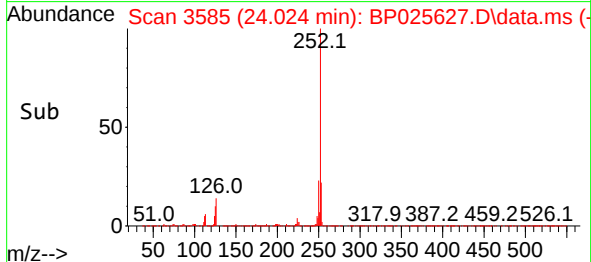
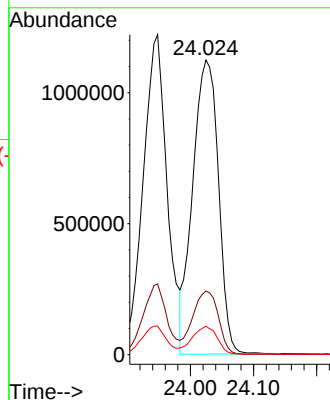
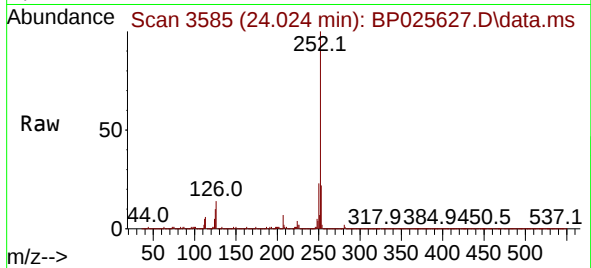




#89  
Benzo(k)fluoranthene  
Concen: 46.171 ng  
RT: 24.024 min Scan# 31  
Delta R.T. -0.006 min  
Lab File: BP025627.D  
Acq: 29 Aug 2025 16:03

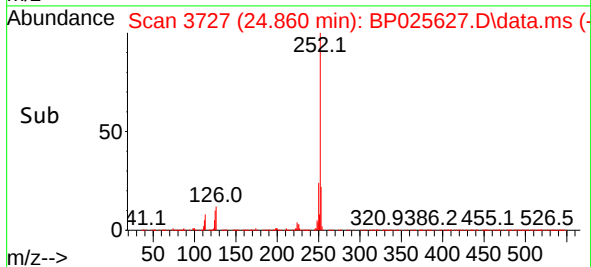
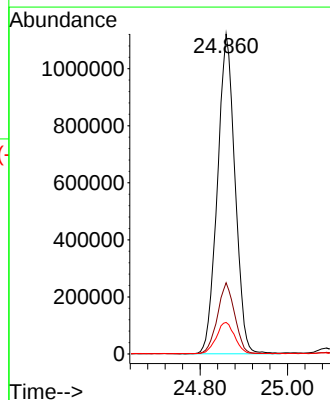
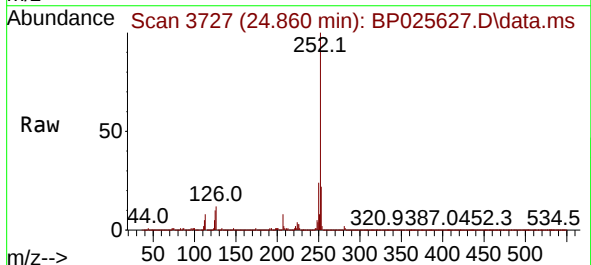
Instrument :  
BNA\_P  
ClientSampleId :  
NORTH-TP-3MS

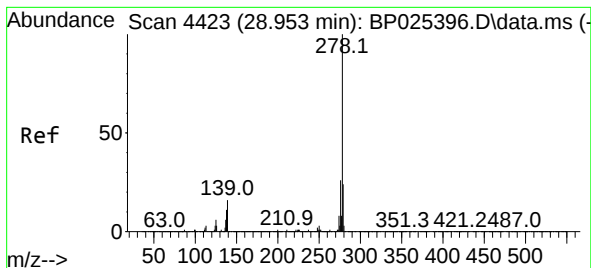
Tgt Ion:252 Resp: 3180886  
Ion Ratio Lower Upper  
252 100  
253 21.6 17.1 25.7  
125 9.6 7.8 11.6



#90  
Benzo(a)pyrene  
Concen: 46.549 ng  
RT: 24.860 min Scan# 3727  
Delta R.T. 0.006 min  
Lab File: BP025627.D  
Acq: 29 Aug 2025 16:03

Tgt Ion:252 Resp: 3119532  
Ion Ratio Lower Upper  
252 100  
253 22.3 17.5 26.3  
125 9.8 8.7 13.1





#91

Dibenzo(a,h)anthracene

Concen: 46.518 ng

RT: 28.954 min Scan# 4423

Delta R.T. 0.000 min

Lab File: BP025627.D

Acq: 29 Aug 2025 16:03

Instrument :

BNA\_P

ClientSampleId :

NORTH-TP-3MS

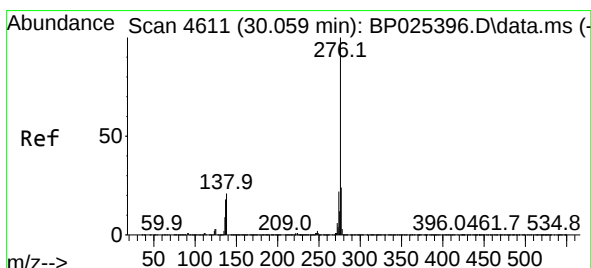
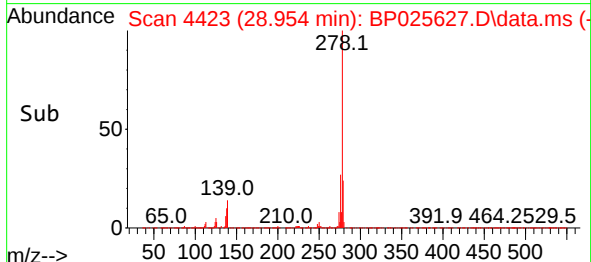
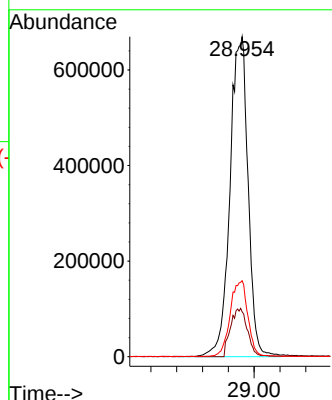
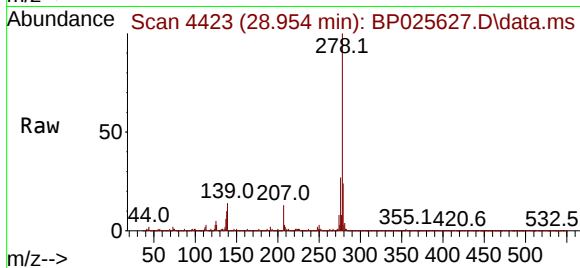
Tgt Ion:278 Resp: 3254902

Ion Ratio Lower Upper

278 100

139 14.0 13.0 19.4

279 23.8 19.4 29.2



#92

Benzo(g,h,i)perylene

Concen: 46.490 ng

RT: 30.071 min Scan# 4613

Delta R.T. 0.012 min

Lab File: BP025627.D

Acq: 29 Aug 2025 16:03

Tgt Ion:276 Resp: 3197569

Ion Ratio Lower Upper

276 100

277 23.4 19.4 29.0

138 19.3 16.7 25.1

