

Data Path : Z:\svoasrv\HPCHEM1\BNA\_P\Data\BP071025\  
 Data File : BP025084.D  
 Acq On : 10 Jul 2025 15:30  
 Operator : CG/JU  
 Sample : PB168767BS  
 Misc :  
 ALS Vial : 4 Sample Multiplier: 1

Instrument :  
 BNA\_P  
 ClientSampleId :  
 PB168767BS

Quant Time: Jul 10 16:04:09 2025  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_P\Methods\8270E-BP070325.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Thu Jul 03 16:05:44 2025  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc    | Units | Dev(Min) |
|-------------------------------|--------|------|----------|---------|-------|----------|
| -----                         |        |      |          |         |       |          |
| Internal Standards            |        |      |          |         |       |          |
| 1) 1,4-Dichlorobenzene-d4     | 7.443  | 152  | 420219   | 20.000  | ng    | 0.00     |
| 21) Naphthalene-d8            | 10.184 | 136  | 1675734  | 20.000  | ng    | 0.00     |
| 39) Acenaphthene-d10          | 14.084 | 164  | 1078667  | 20.000  | ng    | 0.00     |
| 64) Phenanthrene-d10          | 16.913 | 188  | 2205227  | 20.000  | ng    | 0.00     |
| 76) Chrysene-d12              | 21.354 | 240  | 2320390  | 20.000  | ng    | 0.01     |
| 86) Perylene-d12              | 24.483 | 264  | 2463988  | 20.000  | ng    | -0.01    |
| System Monitoring Compounds   |        |      |          |         |       |          |
| 5) 2-Fluorophenol             | 5.102  | 112  | 3677464  | 155.060 | ng    | 0.00     |
| 7) Phenol-d6                  | 6.637  | 99   | 4566959  | 147.562 | ng    | 0.00     |
| 23) Nitrobenzene-d5           | 8.572  | 82   | 2605524  | 103.406 | ng    | 0.00     |
| 42) 2,4,6-Tribromophenol      | 15.613 | 330  | 2048035  | 160.723 | ng    | 0.00     |
| 45) 2-Fluorobiphenyl          | 12.690 | 172  | 6881510  | 98.831  | ng    | 0.00     |
| 79) Terphenyl-d14             | 19.672 | 244  | 11065557 | 104.809 | ng    | 0.00     |
| Target Compounds              |        |      |          |         |       |          |
|                               |        |      |          |         |       | Qvalue   |
| 2) 1,4-Dioxane                | 3.126  | 88   | 373761   | 40.528  | ng    | 98       |
| 3) Pyridine                   | 3.490  | 79   | 1028001  | 40.715  | ng    | 98       |
| 4) n-Nitrosodimethylamine     | 3.402  | 42   | 499478   | 46.722  | ng    | 100      |
| 6) Aniline                    | 6.784  | 93   | 1597351  | 55.239  | ng    | 100      |
| 8) 2-Chlorophenol             | 7.019  | 128  | 1356628  | 51.125  | ng    | 99       |
| 9) Benzaldehyde               | 6.602  | 77   | 848079   | 52.469  | ng    | 98       |
| 10) Phenol                    | 6.661  | 94   | 1613057  | 51.294  | ng    | 99       |
| 11) bis(2-Chloroethyl)ether   | 6.890  | 93   | 1164922  | 48.133  | ng    | 99       |
| 12) 1,3-Dichlorobenzene       | 7.337  | 146  | 1456973  | 49.060  | ng    | 99       |
| 13) 1,4-Dichlorobenzene       | 7.478  | 146  | 1481917  | 49.286  | ng    | 98       |
| 14) 1,2-Dichlorobenzene       | 7.784  | 146  | 1425591  | 49.287  | ng    | 99       |
| 15) Benzyl Alcohol            | 7.672  | 79   | 1035528  | 50.130  | ng    | 98       |
| 16) 2,2'-oxybis(1-Chloropr... | 7.966  | 45   | 1532122  | 48.687  | ng    | 99       |
| 17) 2-Methylphenol            | 7.878  | 107  | 1110811  | 54.836  | ng    | 99       |
| 18) Hexachloroethane          | 8.502  | 117  | 494199   | 50.453  | ng    | 99       |
| 19) n-Nitroso-di-n-propyla... | 8.243  | 70   | 853726   | 46.513  | ng    | 99       |
| 20) 3+4-Methylphenols         | 8.202  | 107  | 1467393  | 51.717  | ng    | 99       |
| 22) Acetophenone              | 8.243  | 105  | 1854219  | 46.788  | ng    | 99       |
| 24) Nitrobenzene              | 8.613  | 77   | 1286544  | 50.128  | ng    | 97       |
| 25) Isophorone                | 9.137  | 82   | 2421562  | 51.426  | ng    | 99       |
| 26) 2-Nitrophenol             | 9.313  | 139  | 569593   | 45.890  | ng    | 99       |
| 27) 2,4-Dimethylphenol        | 9.384  | 122  | 1279756  | 72.857  | ng    | 99       |
| 28) bis(2-Chloroethoxy)met... | 9.619  | 93   | 1553510  | 48.588  | ng    | 99       |
| 29) 2,4-Dichlorophenol        | 9.837  | 162  | 1289854  | 52.957  | ng    | 99       |
| 30) 1,2,4-Trichlorobenzene    | 10.055 | 180  | 1328347  | 49.248  | ng    | 98       |
| 31) Naphthalene               | 10.237 | 128  | 4025792  | 46.656  | ng    | 100      |
| 32) Benzoic acid              | 9.519  | 122  | 768871   | 44.356  | ng    | 99       |
| 33) 4-Chloroaniline           | 10.343 | 127  | 1087831  | 33.782  | ng    | 99       |
| 34) Hexachlorobutadiene       | 10.537 | 225  | 765704   | 49.469  | ng    | 100      |
| 35) Caprolactam               | 11.113 | 113  | 218672   | 26.244  | ng    | 100      |
| 36) 4-Chloro-3-methylphenol   | 11.484 | 107  | 1332551  | 52.353  | ng    | 100      |
| 37) 2-Methylnaphthalene       | 11.866 | 142  | 2607625  | 42.831  | ng    | 100      |
| 38) 1-Methylnaphthalene       | 12.090 | 142  | 2756932  | 46.431  | ng    | 100      |
| 40) 1,2,4,5-Tetrachloroben... | 12.243 | 216  | 1474649  | 47.568  | ng    | 99       |
| 41) Hexachlorocyclopentadiene | 12.231 | 237  | 1685391  | 208.137 | ng    | 98       |
| 43) 2,4,6-Trichlorophenol     | 12.490 | 196  | 1031791  | 54.966  | ng    | 98       |

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 Misc :  
 ALS Vial : 4 Sample Multiplier: 1

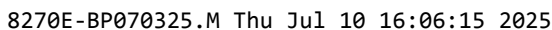
Instrument :  
 BNA\_P  
 ClientSampleId :  
 PB168767BS

Quant Time: Jul 10 16:04:09 2025  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_P\Methods\8270E-BP070325.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Thu Jul 03 16:05:44 2025  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc    | Units | Dev(Min) |
|-------------------------------|--------|------|----------|---------|-------|----------|
| 44) 2,4,5-Trichlorophenol     | 12.560 | 196  | 1173309  | 55.153  | ng    | 99       |
| 46) 1,1'-Biphenyl             | 12.907 | 154  | 3743427  | 47.698  | ng    | 100      |
| 47) 2-Chloronaphthalene       | 12.943 | 162  | 2861497  | 48.510  | ng    | 100      |
| 48) 2-Nitroaniline            | 13.137 | 65   | 736535   | 50.801  | ng    | 99       |
| 49) Acenaphthylene            | 13.796 | 152  | 4892015  | 54.185  | ng    | 100      |
| 50) Dimethylphthalate         | 13.554 | 163  | 3705549  | 49.076  | ng    | 99       |
| 51) 2,6-Dinitrotoluene        | 13.660 | 165  | 792263   | 53.800  | ng    | 99       |
| 52) Acenaphthene              | 14.148 | 154  | 2803184  | 48.173  | ng    | 100      |
| 53) 3-Nitroaniline            | 13.990 | 138  | 633192   | 40.122  | ng    | 98       |
| 54) 2,4-Dinitrophenol         | 14.195 | 184  | 751646   | 102.794 | ng    | 95       |
| 55) Dibenzofuran              | 14.495 | 168  | 4501415  | 46.874  | ng    | 99       |
| 56) 4-Nitrophenol             | 14.319 | 139  | 1609549  | 110.515 | ng    | 99       |
| 57) 2,4-Dinitrotoluene        | 14.460 | 165  | 1144571  | 52.686  | ng    | 99       |
| 58) Fluorene                  | 15.166 | 166  | 3597418  | 48.431  | ng    | 99       |
| 59) 2,3,4,6-Tetrachlorophenol | 14.737 | 232  | 1015880  | 52.733  | ng    | 99       |
| 60) Diethylphthalate          | 14.960 | 149  | 3755069  | 49.514  | ng    | 100      |
| 61) 4-Chlorophenyl-phenyle... | 15.172 | 204  | 1794033  | 48.804  | ng    | 98       |
| 62) 4-Nitroaniline            | 15.178 | 138  | 916515   | 55.384  | ng    | 100      |
| 63) Azobenzene                | 15.472 | 77   | 3241778  | 48.004  | ng    | 98       |
| 65) 4,6-Dinitro-2-methylph... | 15.243 | 198  | 498938   | 49.519  | ng    | 99       |
| 66) n-Nitrosodiphenylamine    | 15.395 | 169  | 3254196  | 51.563  | ng    | 99       |
| 67) 4-Bromophenyl-phenylether | 16.095 | 248  | 1162551  | 51.488  | ng    | 97       |
| 68) Hexachlorobenzene         | 16.201 | 284  | 1407568  | 51.003  | ng    | 99       |
| 69) Atrazine                  | 16.384 | 200  | 1167691  | 63.141  | ng    | 100      |
| 70) Pentachlorophenol         | 16.548 | 266  | 1931158  | 103.612 | ng    | 100      |
| 71) Phenanthrene              | 16.948 | 178  | 5869673  | 49.813  | ng    | 99       |
| 72) Anthracene                | 17.042 | 178  | 6009578  | 53.160  | ng    | 100      |
| 73) Carbazole                 | 17.319 | 167  | 5747053  | 51.995  | ng    | 100      |
| 74) Di-n-butylphthalate       | 17.960 | 149  | 6527040  | 53.028  | ng    | 99       |
| 75) Fluoranthene              | 19.060 | 202  | 6907625  | 50.151  | ng    | 100      |
| 77) Benzidine                 | 19.254 | 184  | 3889346  | 94.905  | ng    | 99       |
| 78) Pyrene                    | 19.436 | 202  | 7219325  | 50.232  | ng    | 100      |
| 80) Butylbenzylphthalate      | 20.425 | 149  | 2798969  | 50.353  | ng    | 97       |
| 81) Benzo(a)anthracene        | 21.330 | 228  | 7236650  | 51.463  | ng    | 100      |
| 82) 3,3'-Dichlorobenzidine    | 21.260 | 252  | 1691514  | 39.959  | ng    | 100      |
| 83) Chrysene                  | 21.395 | 228  | 6674669  | 49.324  | ng    | 100      |
| 84) Bis(2-ethylhexyl)phtha... | 21.325 | 149  | 4130780  | 54.766  | ng    | 100      |
| 85) Di-n-octyl phthalate      | 22.542 | 149  | 6737637  | 48.625  | ng    | 99       |
| 87) Indeno(1,2,3-cd)pyrene    | 28.024 | 276  | 7171191  | 45.685  | ng    | # 91     |
| 88) Benzo(b)fluoranthene      | 23.495 | 252  | 7113206  | 49.598  | ng    | 100      |
| 89) Benzo(k)fluoranthene      | 23.560 | 252  | 7458645  | 52.268  | ng    | 100      |
| 90) Benzo(a)pyrene            | 24.330 | 252  | 6885544  | 56.410  | ng    | 99       |
| 91) Dibenzo(a,h)anthracene    | 28.107 | 278  | 7033453  | 54.207  | ng    | 99       |
| 92) Benzo(g,h,i)perylene      | 29.118 | 276  | 6876188  | 51.301  | ng    | 99       |

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

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QLast Update : Thu Jul 03 16:05:44 2025  
Response via : Initial Calibration

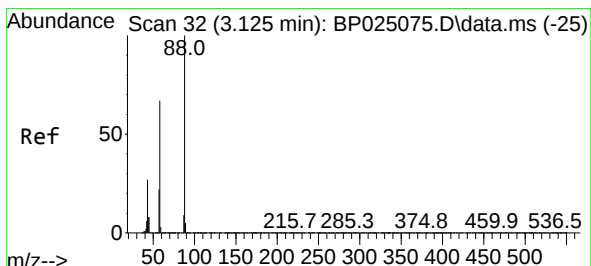
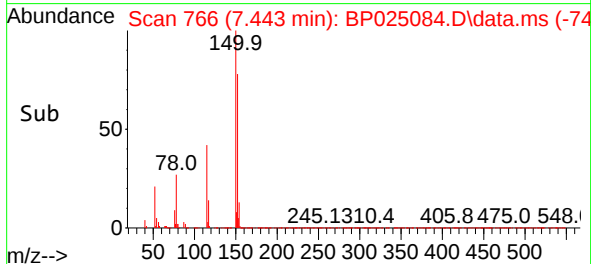
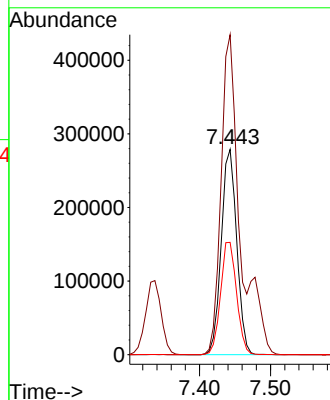
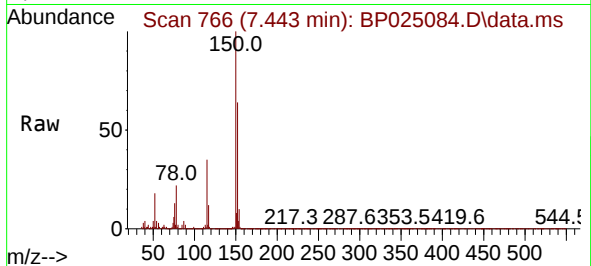




#1  
1,4-Dichlorobenzene-d4  
Concen: 20.000 ng  
RT: 7.443 min Scan# 766  
Delta R.T. -0.000 min  
Lab File: BP025084.D  
Acq: 10 Jul 2025 15:30

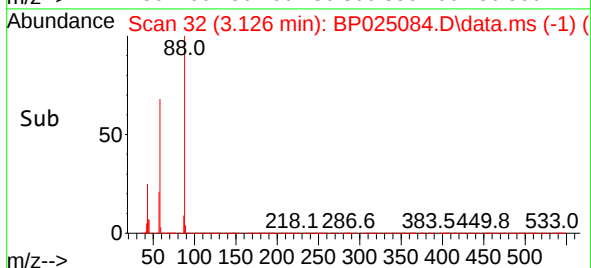
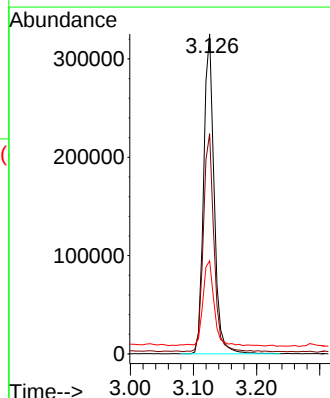
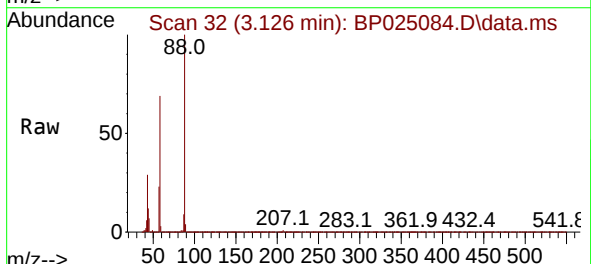
Instrument :  
BNA\_P  
ClientSampleId :  
PB168767BS

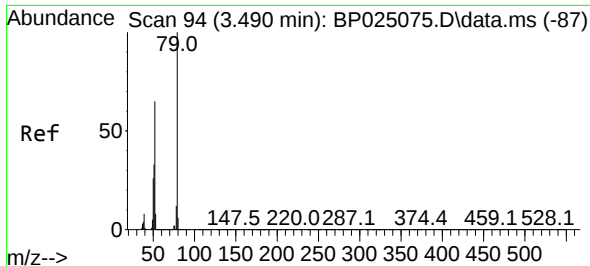
Tgt Ion:152 Resp: 420219  
Ion Ratio Lower Upper  
152 100  
150 155.9 126.1 189.1  
115 54.7 44.3 66.5



#2  
1,4-Dioxane  
Concen: 40.528 ng  
RT: 3.126 min Scan# 32  
Delta R.T. 0.000 min  
Lab File: BP025084.D  
Acq: 10 Jul 2025 15:30

Tgt Ion: 88 Resp: 373761  
Ion Ratio Lower Upper  
88 100  
58 69.6 55.0 82.4  
43 28.9 21.9 32.9



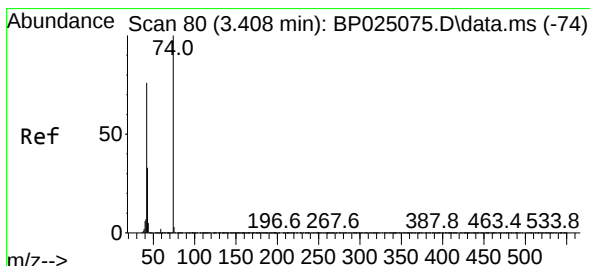
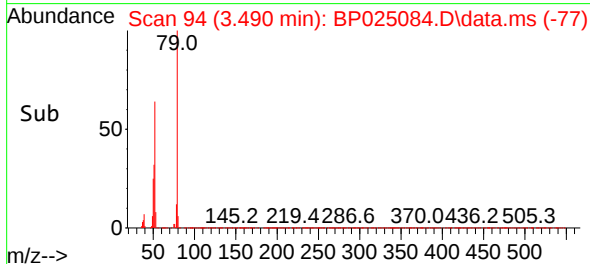
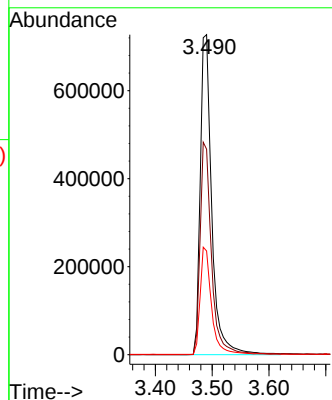
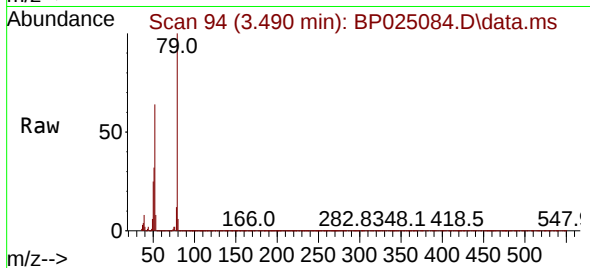


#3  
 Pyridine  
 Concen: 40.715 ng  
 RT: 3.490 min Scan# 94  
 Delta R.T. 0.000 min  
 Lab File: BP025084.D  
 Acq: 10 Jul 2025 15:30

Instrument :  
 BNA\_P  
 ClientSampleId :  
 PB168767BS

Tgt Ion: 79 Resp: 1028001  

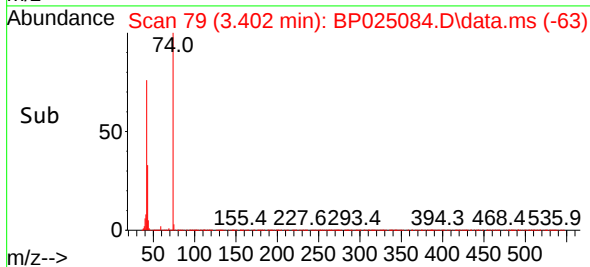
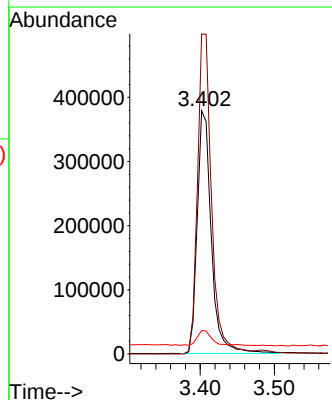
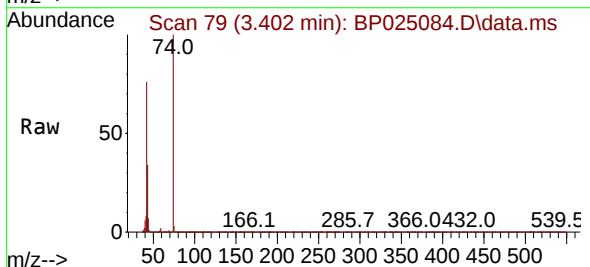
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 79  | 100   |       |       |
| 52  | 64.2  | 52.2  | 78.4  |
| 51  | 32.4  | 26.8  | 40.2  |

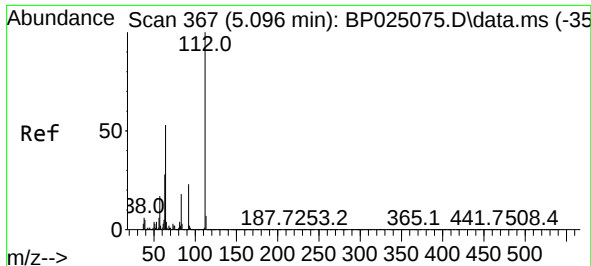


#4  
 n-Nitrosodimethylamine  
 Concen: 46.722 ng  
 RT: 3.402 min Scan# 79  
 Delta R.T. -0.006 min  
 Lab File: BP025084.D  
 Acq: 10 Jul 2025 15:30

Tgt Ion: 42 Resp: 499478  

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 42  | 100   |       |       |
| 74  | 131.5 | 105.2 | 157.8 |
| 44  | 9.7   | 6.6   | 9.8   |

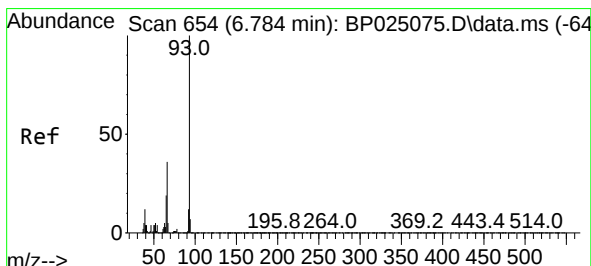
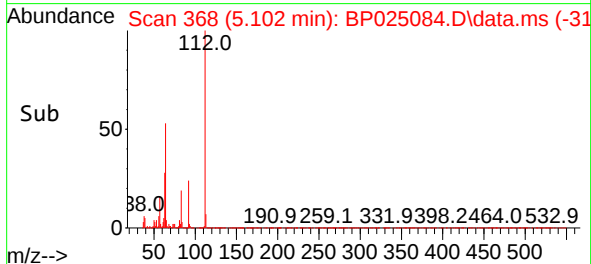
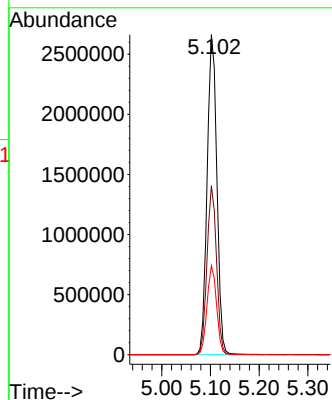
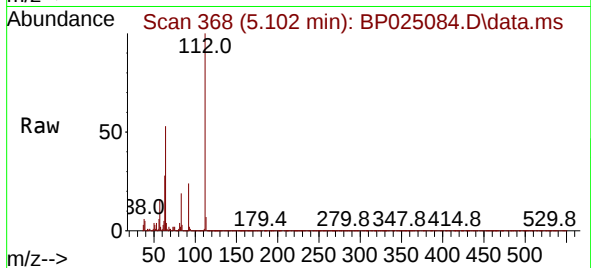




#5  
2-Fluorophenol  
Concen: 155.060 ng  
RT: 5.102 min Scan# 367  
Delta R.T. 0.006 min  
Lab File: BP025084.D  
Acq: 10 Jul 2025 15:30

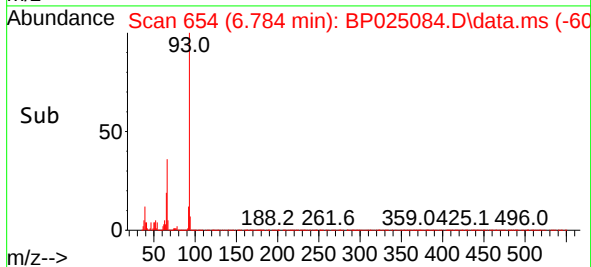
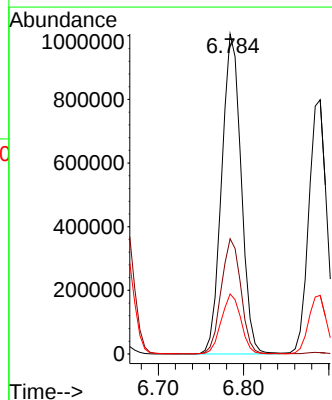
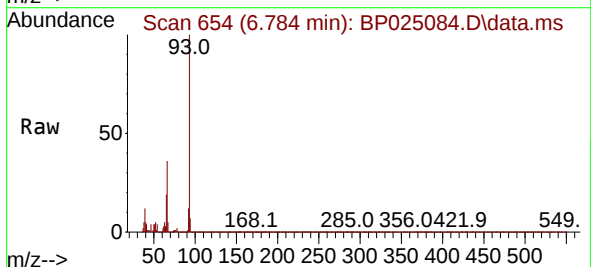
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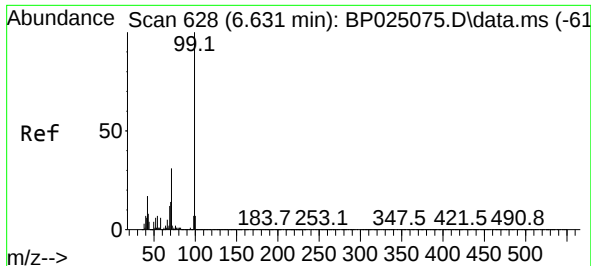
Tgt Ion:112 Resp: 3677464  
Ion Ratio Lower Upper  
112 100  
64 52.8 42.0 63.0  
63 27.8 22.2 33.2



#6  
Aniline  
Concen: 55.239 ng  
RT: 6.784 min Scan# 654  
Delta R.T. 0.000 min  
Lab File: BP025084.D  
Acq: 10 Jul 2025 15:30

Tgt Ion: 93 Resp: 1597351  
Ion Ratio Lower Upper  
93 100  
66 36.0 28.9 43.3  
65 18.8 15.2 22.8

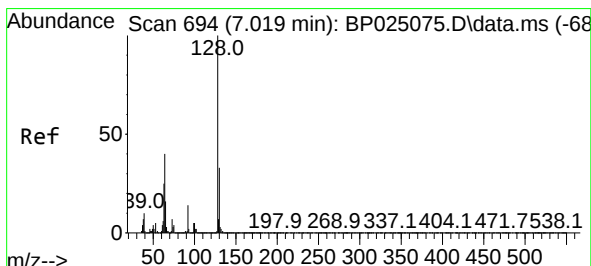
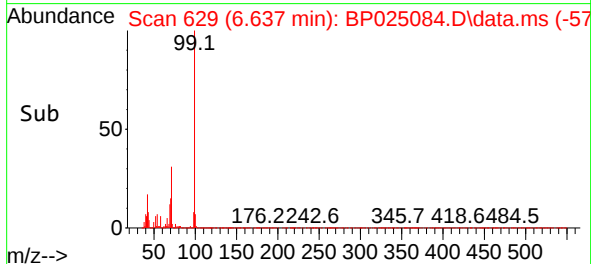
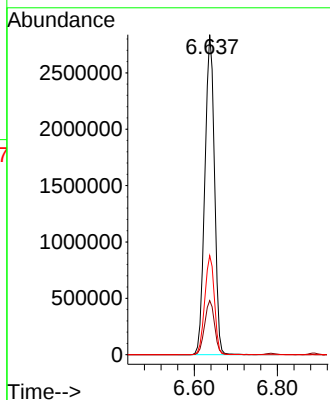
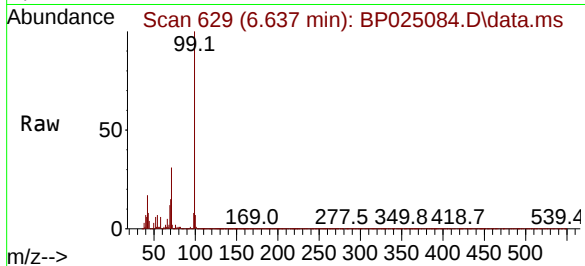




#7  
Phenol-d6  
Concen: 147.562 ng  
RT: 6.637 min Scan# 61  
Delta R.T. 0.006 min  
Lab File: BP025084.D  
Acq: 10 Jul 2025 15:30

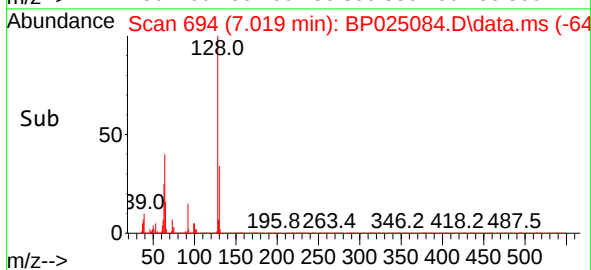
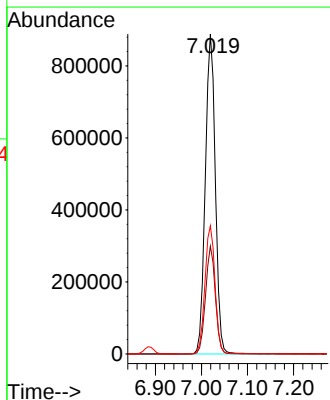
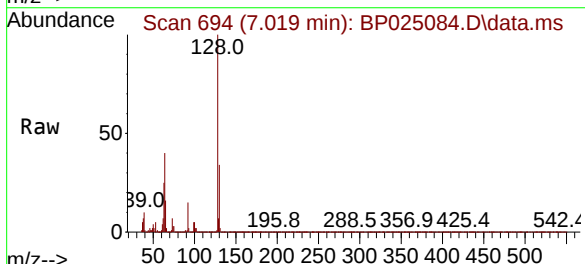
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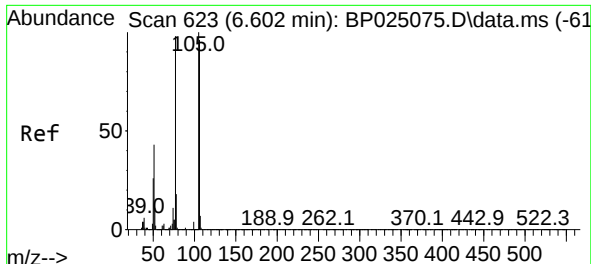
Tgt Ion: 99 Resp: 4566959  
Ion Ratio Lower Upper  
99 100  
42 16.9 13.6 20.4  
71 30.9 24.4 36.6



#8  
2-Chlorophenol  
Concen: 51.125 ng  
RT: 7.019 min Scan# 694  
Delta R.T. 0.000 min  
Lab File: BP025084.D  
Acq: 10 Jul 2025 15:30

Tgt Ion: 128 Resp: 1356628  
Ion Ratio Lower Upper  
128 100  
130 33.7 12.9 52.9  
64 40.0 20.3 60.3

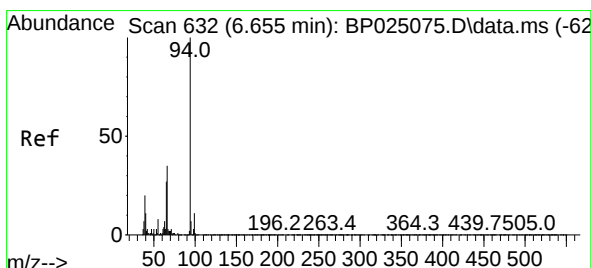
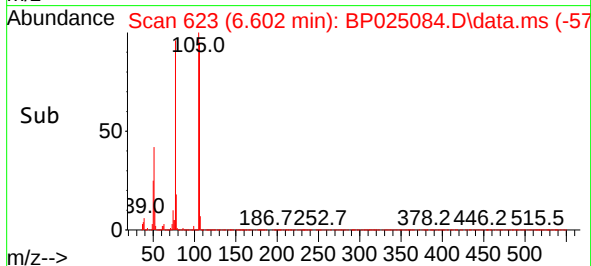
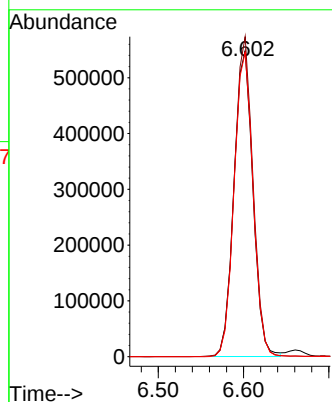
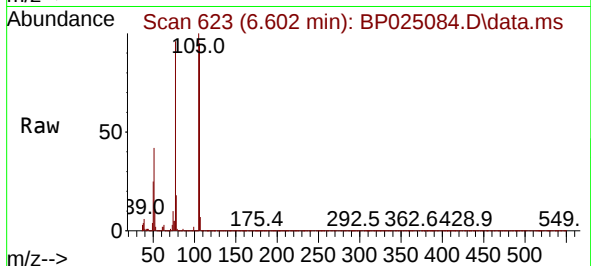




#9  
Benzaldehyde  
Concen: 52.469 ng  
RT: 6.602 min Scan# 61  
Delta R.T. -0.000 min  
Lab File: BP025084.D  
Acq: 10 Jul 2025 15:30

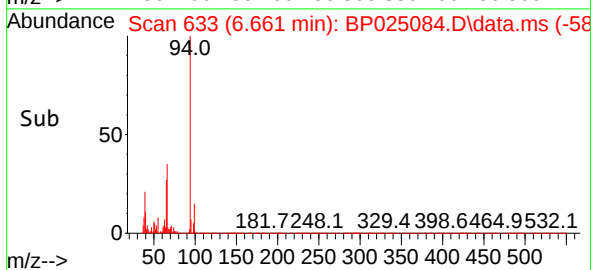
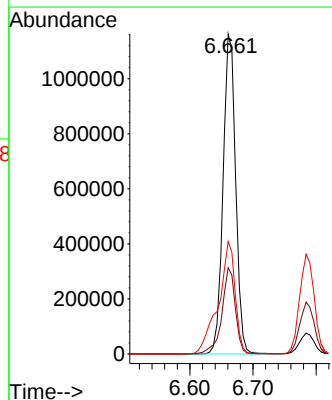
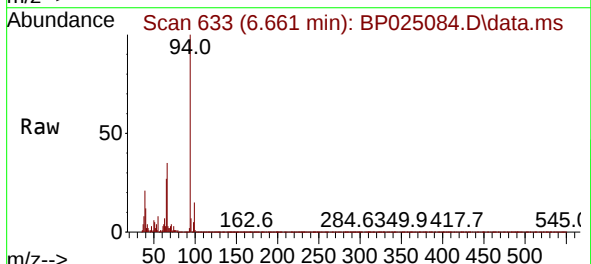
Instrument :  
BNA\_P  
ClientSampleId :  
PB168767BS

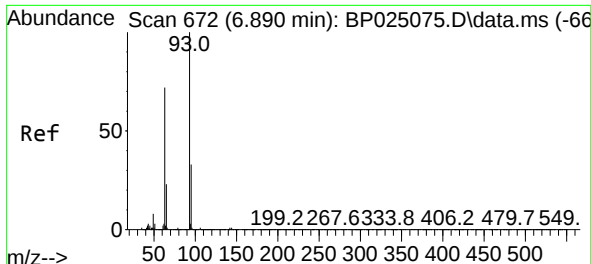
Tgt Ion: 77 Resp: 848079  
Ion Ratio Lower Upper  
77 100  
105 104.6 82.4 122.4  
106 99.5 78.3 118.3



#10  
Phenol  
Concen: 51.294 ng  
RT: 6.661 min Scan# 633  
Delta R.T. 0.006 min  
Lab File: BP025084.D  
Acq: 10 Jul 2025 15:30

Tgt Ion: 94 Resp: 1613057  
Ion Ratio Lower Upper  
94 100  
65 27.0 6.9 46.9  
66 35.1 14.6 54.6



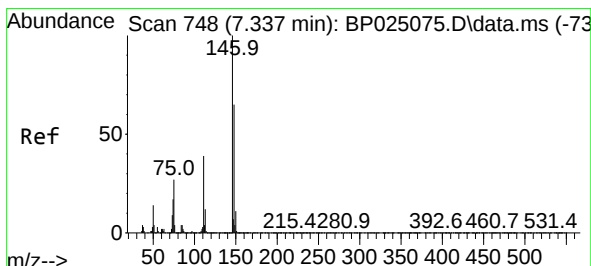
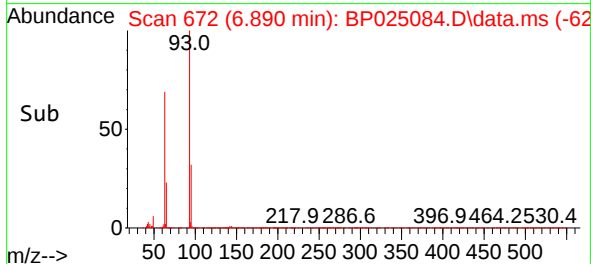
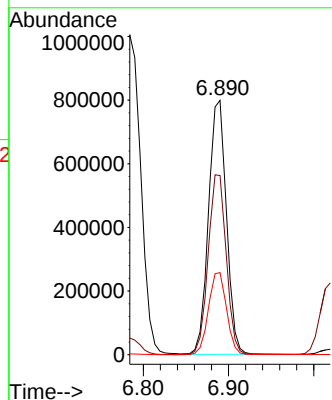
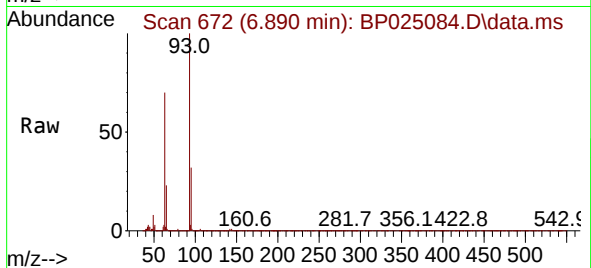


#11  
bis(2-Chloroethyl)ether  
Concen: 48.133 ng  
RT: 6.890 min Scan# 611  
Delta R.T. 0.000 min  
Lab File: BP025084.D  
Acq: 10 Jul 2025 15:30

Instrument :  
BNA\_P  
ClientSampleId :  
PB168767BS

Tgt Ion: 93 Resp: 1164922

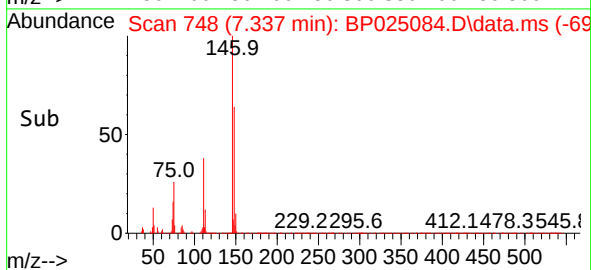
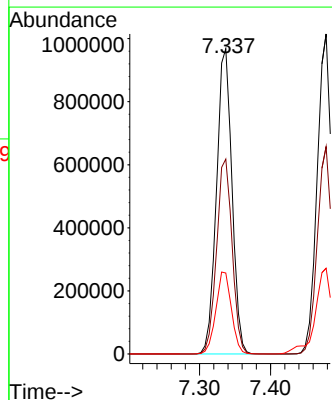
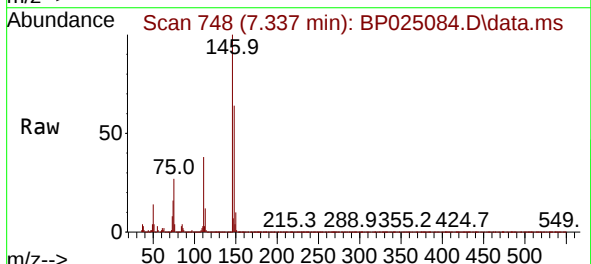
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 93  | 100   |       |       |
| 63  | 70.4  | 51.9  | 91.9  |
| 95  | 32.3  | 12.4  | 52.4  |

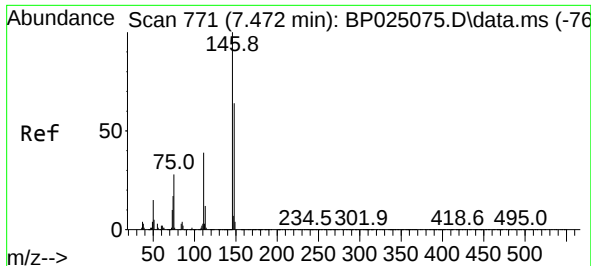


#12  
1,3-Dichlorobenzene  
Concen: 49.060 ng  
RT: 7.337 min Scan# 748  
Delta R.T. 0.000 min  
Lab File: BP025084.D  
Acq: 10 Jul 2025 15:30

Tgt Ion: 146 Resp: 1456973

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 146 | 100   |       |       |
| 148 | 63.8  | 51.9  | 77.9  |
| 75  | 26.5  | 21.8  | 32.6  |

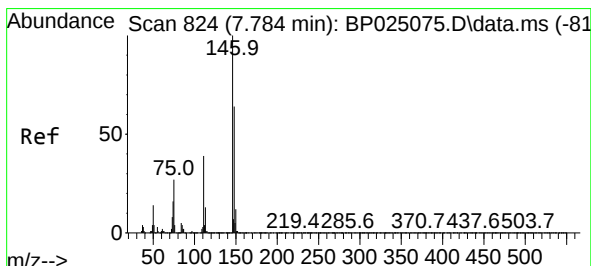
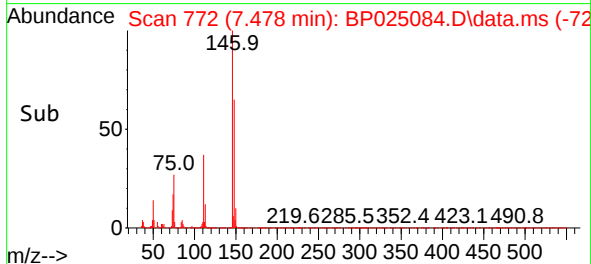
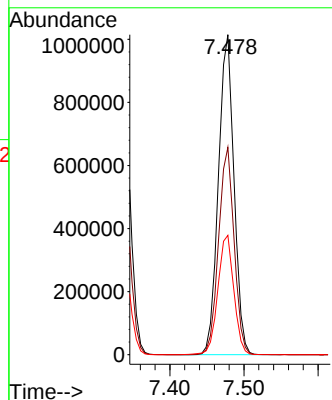
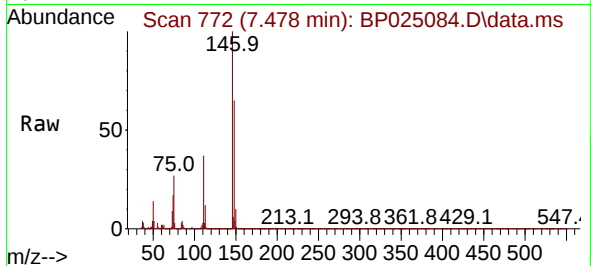




#13  
1,4-Dichlorobenzene  
Concen: 49.286 ng  
RT: 7.478 min Scan# 771  
Delta R.T. 0.006 min  
Lab File: BP025084.D  
Acq: 10 Jul 2025 15:30

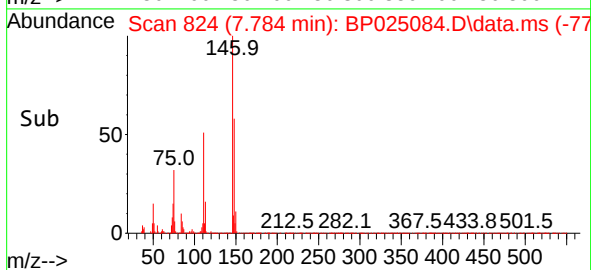
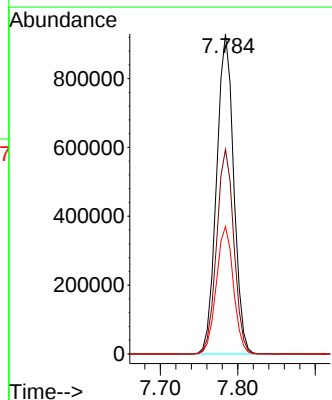
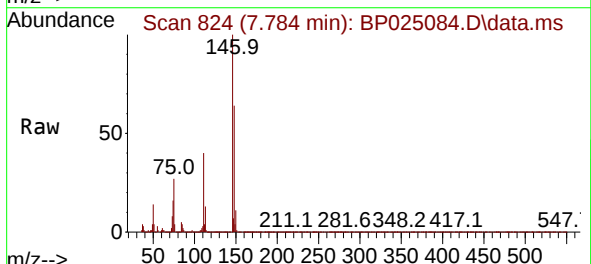
Instrument :  
BNA\_P  
ClientSampleId :  
PB168767BS

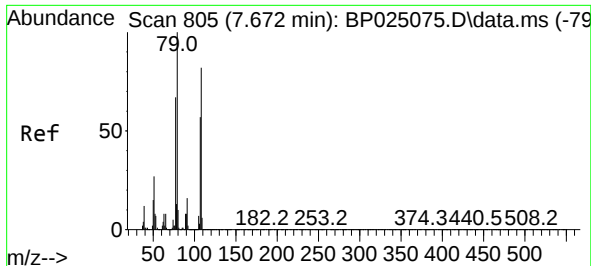
Tgt Ion:146 Resp: 1481917  
Ion Ratio Lower Upper  
146 100  
148 64.8 51.1 76.7  
111 37.3 31.2 46.8



#14  
1,2-Dichlorobenzene  
Concen: 49.287 ng  
RT: 7.784 min Scan# 824  
Delta R.T. 0.000 min  
Lab File: BP025084.D  
Acq: 10 Jul 2025 15:30

Tgt Ion:146 Resp: 1425591  
Ion Ratio Lower Upper  
146 100  
148 64.0 51.1 76.7  
111 39.8 31.2 46.8

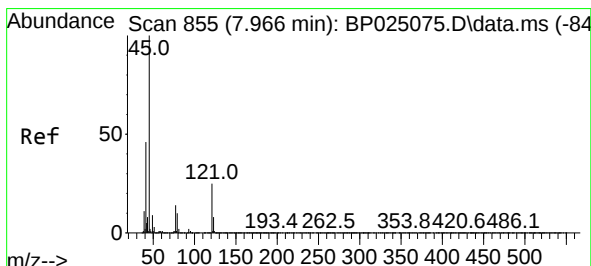
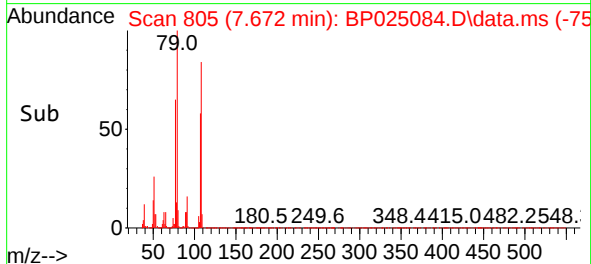
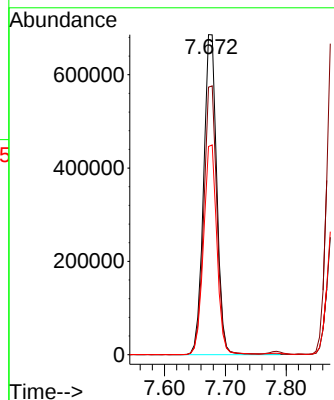
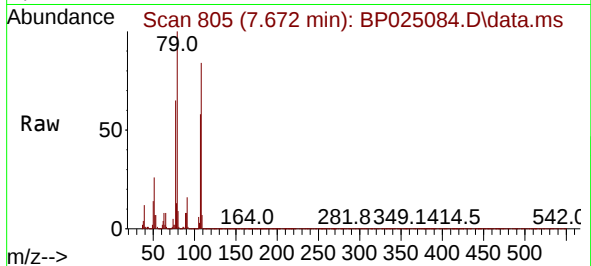




#15  
Benzyl Alcohol  
Concen: 50.130 ng  
RT: 7.672 min Scan# 805  
Delta R.T. 0.000 min  
Lab File: BP025084.D  
Acq: 10 Jul 2025 15:30

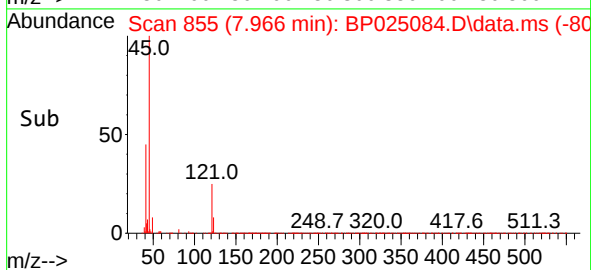
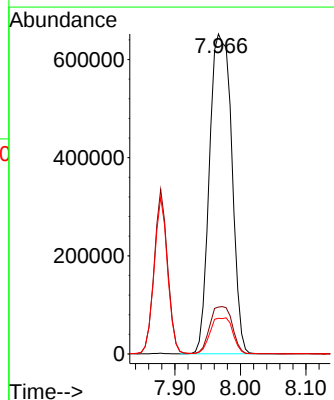
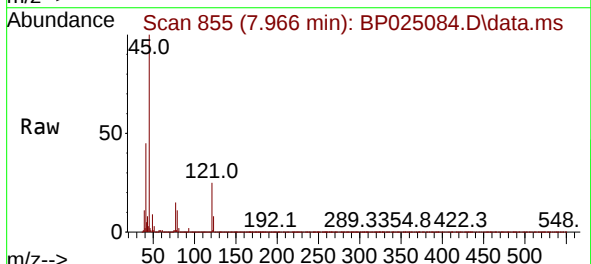
Instrument :  
BNA\_P  
ClientSampleId :  
PB168767BS

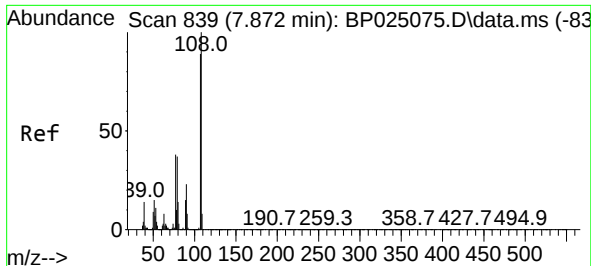
Tgt Ion: 79 Resp: 1035528  
Ion Ratio Lower Upper  
79 100  
108 83.6 66.0 99.0  
77 65.0 53.4 80.2



#16  
2,2'-oxybis(1-Chloropropane)  
Concen: 48.687 ng  
RT: 7.966 min Scan# 855  
Delta R.T. 0.000 min  
Lab File: BP025084.D  
Acq: 10 Jul 2025 15:30

Tgt Ion: 45 Resp: 1532122  
Ion Ratio Lower Upper  
45 100  
77 14.6 0.0 34.8  
79 11.1 0.0 30.7



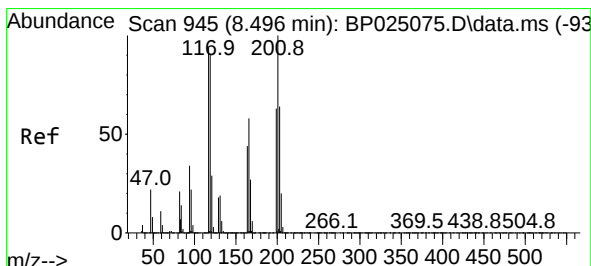
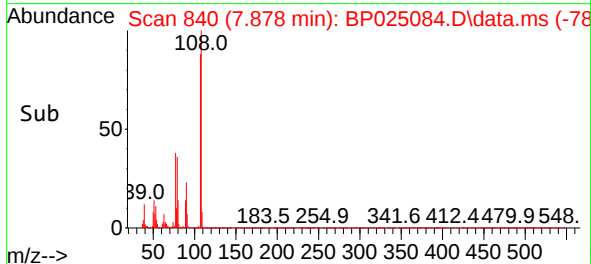
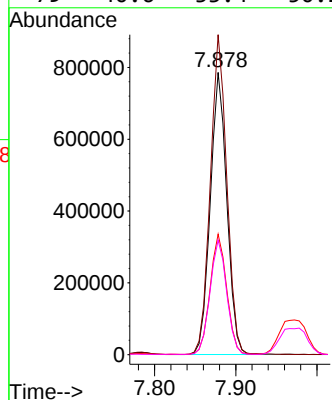
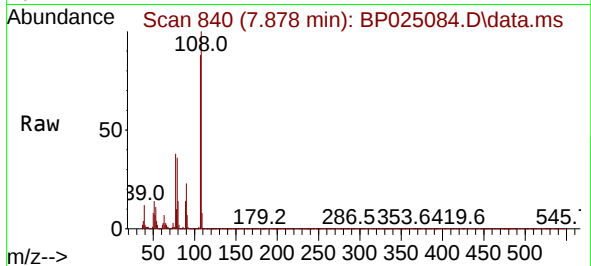


#17  
2-Methylphenol  
Concen: 54.836 ng  
RT: 7.878 min Scan# 84  
Delta R.T. 0.006 min  
Lab File: BP025084.D  
Acq: 10 Jul 2025 15:30

Instrument :  
BNA\_P  
ClientSampleId :  
PB168767BS

Tgt Ion:107 Resp: 1110811

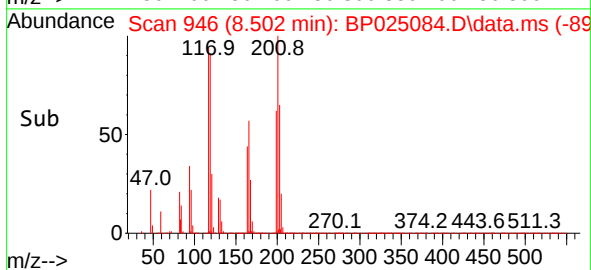
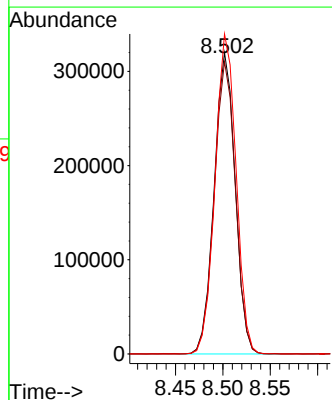
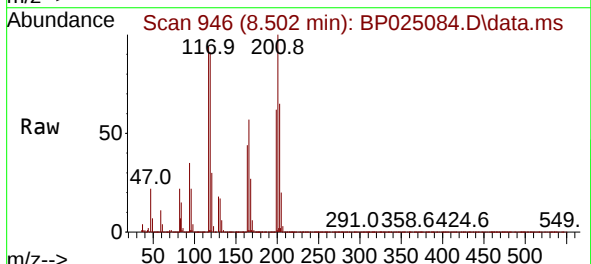
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 107 | 100   |       |       |
| 108 | 113.4 | 89.7  | 134.5 |
| 77  | 42.7  | 34.2  | 51.4  |
| 79  | 40.6  | 33.4  | 50.2  |

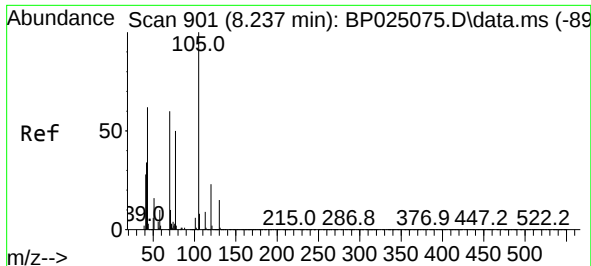


#18  
Hexachloroethane  
Concen: 50.453 ng  
RT: 8.502 min Scan# 946  
Delta R.T. 0.006 min  
Lab File: BP025084.D  
Acq: 10 Jul 2025 15:30

Tgt Ion:117 Resp: 494199

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 117 | 100   |       |       |
| 119 | 97.0  | 76.6  | 115.0 |
| 201 | 106.2 | 85.4  | 128.2 |

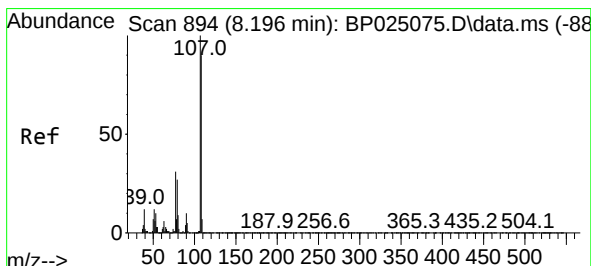
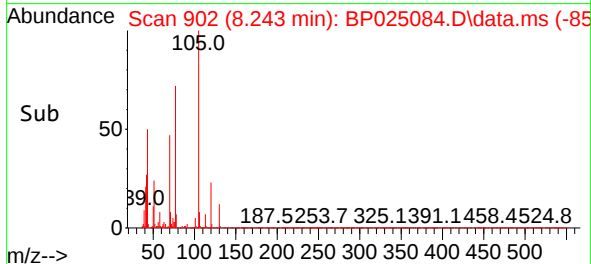
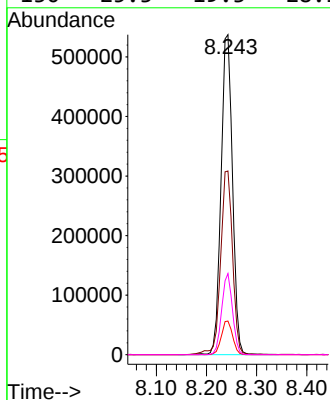
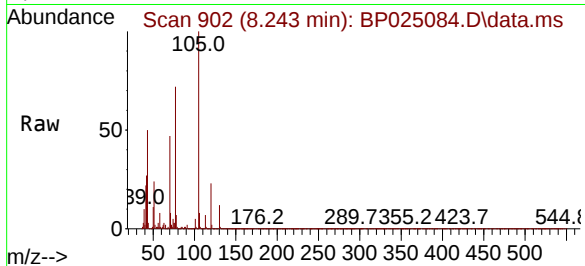




#19  
n-Nitroso-di-n-propylamine  
Concen: 46.513 ng  
RT: 8.243 min Scan# 901  
Delta R.T. 0.006 min  
Lab File: BP025084.D  
Acq: 10 Jul 2025 15:30

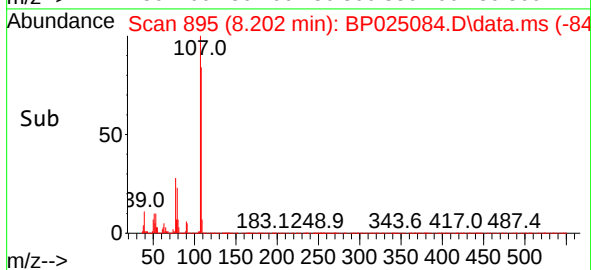
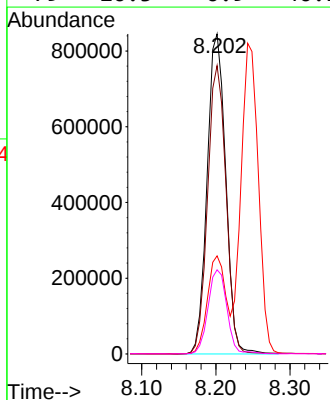
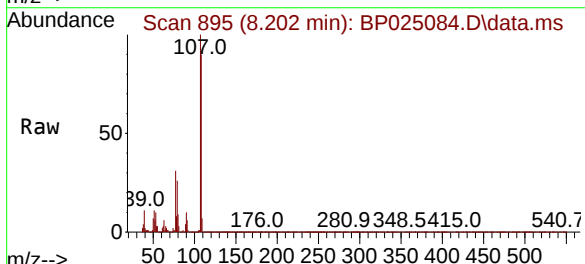
Instrument :  
BNA\_P  
ClientSampleId :  
PB168767BS

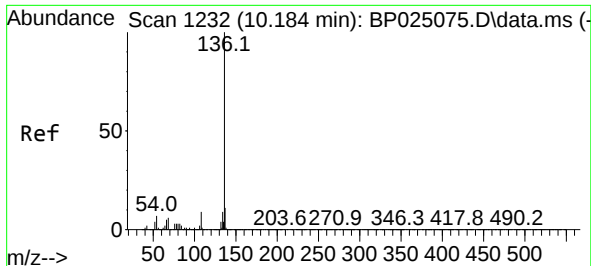
Tgt Ion: 70 Resp: 853726  
Ion Ratio Lower Upper  
70 100  
42 57.4 46.5 69.7  
101 10.5 7.9 11.9  
130 25.3 19.3 28.9



#20  
3+4-Methylphenols  
Concen: 51.717 ng  
RT: 8.202 min Scan# 895  
Delta R.T. 0.006 min  
Lab File: BP025084.D  
Acq: 10 Jul 2025 15:30

Tgt Ion: 107 Resp: 1467393  
Ion Ratio Lower Upper  
107 100  
108 90.1 69.5 109.5  
77 30.6 11.4 51.4  
79 26.3 6.9 46.9



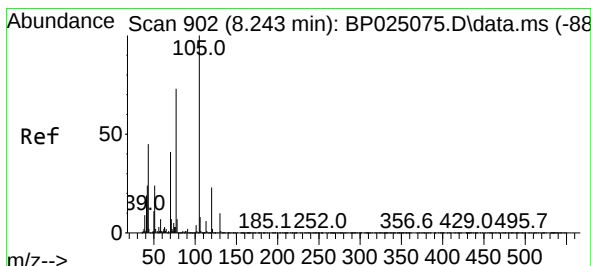
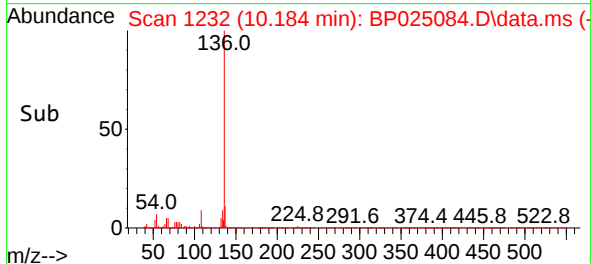
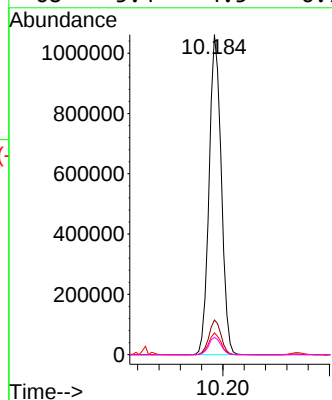
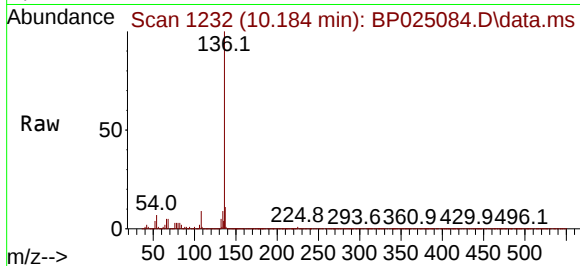


#21  
Naphthalene-d8  
Concen: 20.000 ng  
RT: 10.184 min Scan# 1232  
Delta R.T. 0.000 min  
Lab File: BP025084.D  
Acq: 10 Jul 2025 15:30

Instrument :  
BNA\_P  
ClientSampleId :  
PB168767BS

Tgt Ion:136 Resp: 1675734

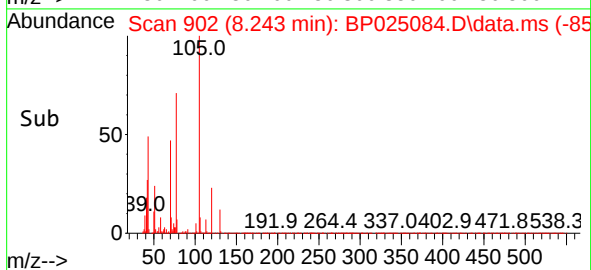
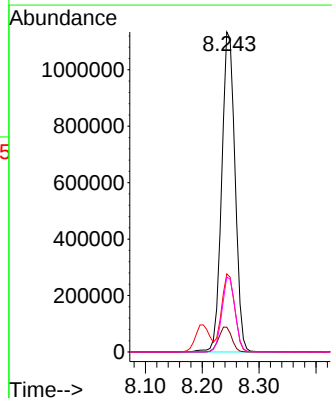
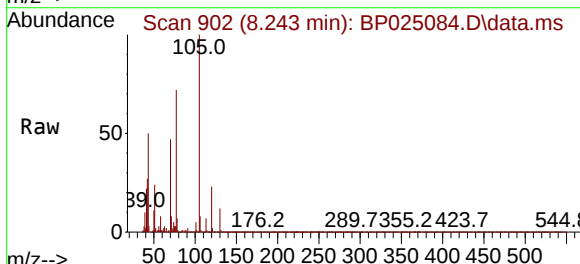
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 136 | 100   |       |       |
| 137 | 10.8  | 8.7   | 13.1  |
| 54  | 6.8   | 5.4   | 8.2   |
| 68  | 5.4   | 4.5   | 6.7   |

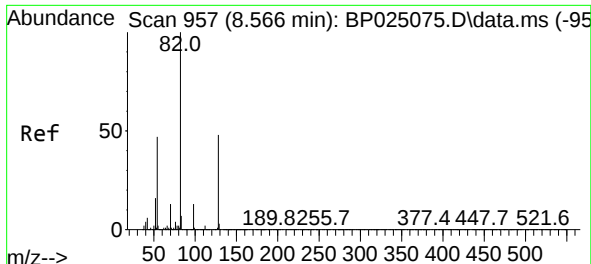


#22  
Acetophenone  
Concen: 46.788 ng  
RT: 8.243 min Scan# 902  
Delta R.T. 0.000 min  
Lab File: BP025084.D  
Acq: 10 Jul 2025 15:30

Tgt Ion:105 Resp: 1854219

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 105 | 100   |       |       |
| 71  | 7.8   | 5.4   | 8.2   |
| 51  | 24.4  | 19.6  | 29.4  |
| 120 | 23.4  | 18.8  | 28.2  |

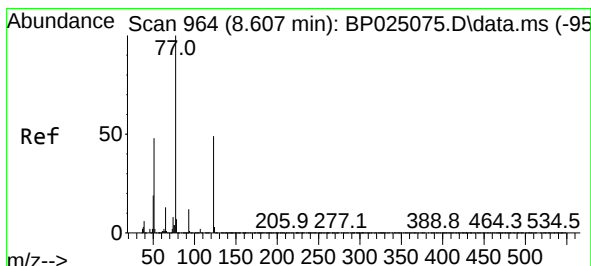
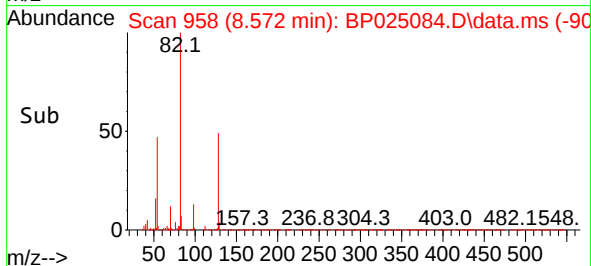
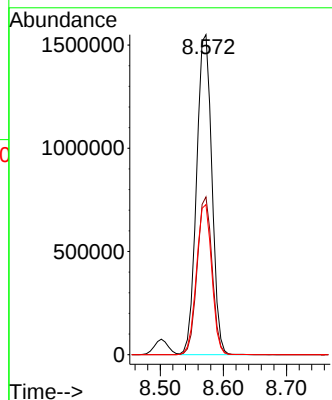
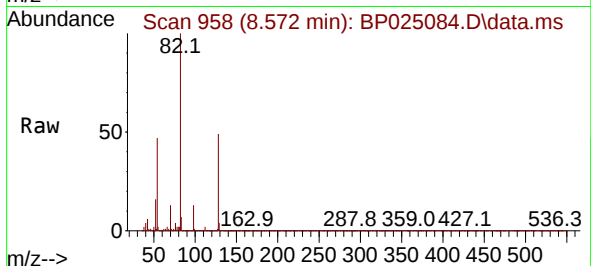




#23  
Nitrobenzene-d5  
Concen: 103.406 ng  
RT: 8.572 min Scan# 91  
Delta R.T. 0.006 min  
Lab File: BP025084.D  
Acq: 10 Jul 2025 15:30

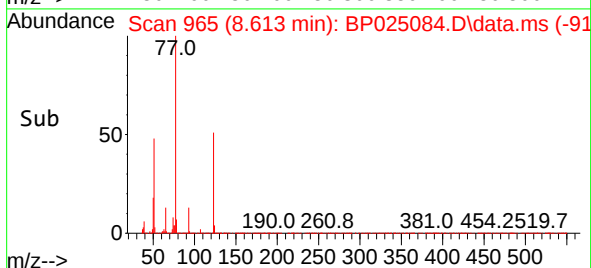
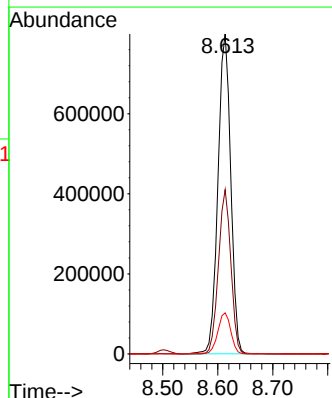
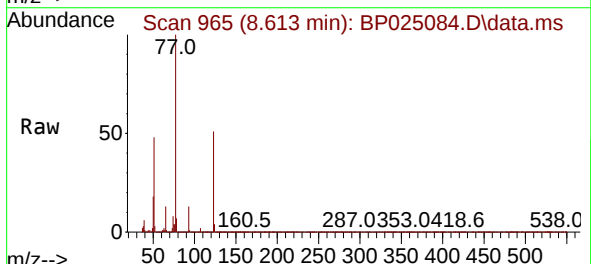
Instrument :  
BNA\_P  
ClientSampleId :  
PB168767BS

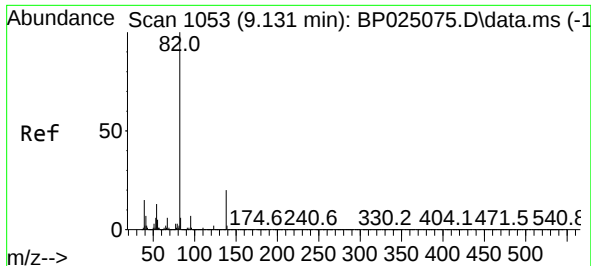
Tgt Ion: 82 Resp: 2605524  
Ion Ratio Lower Upper  
82 100  
128 49.3 38.4 57.6  
54 46.9 37.8 56.6



#24  
Nitrobenzene  
Concen: 50.128 ng  
RT: 8.613 min Scan# 965  
Delta R.T. 0.006 min  
Lab File: BP025084.D  
Acq: 10 Jul 2025 15:30

Tgt Ion: 77 Resp: 1286544  
Ion Ratio Lower Upper  
77 100  
123 51.3 39.0 58.6  
65 12.9 10.7 16.1

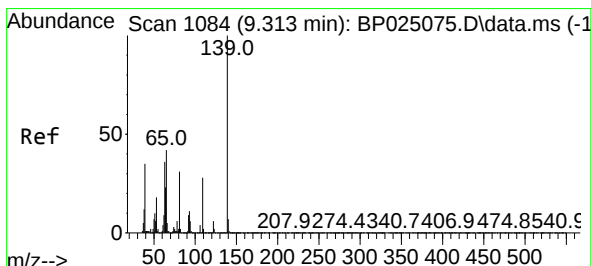
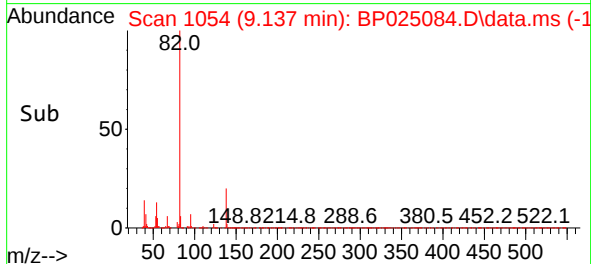
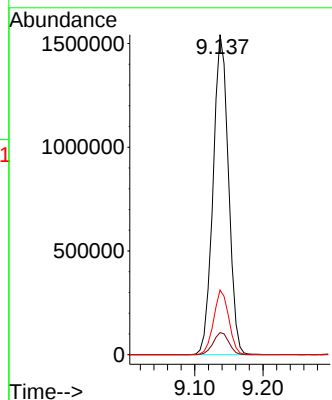
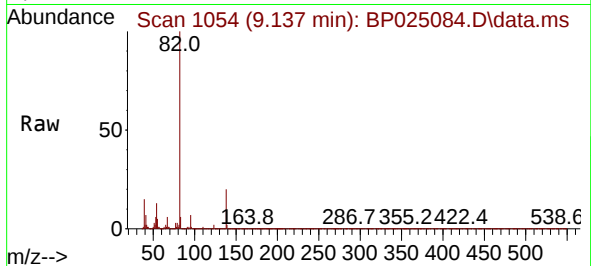




#25  
Isophorone  
Concen: 51.426 ng  
RT: 9.137 min Scan# 1053  
Delta R.T. 0.006 min  
Lab File: BP025084.D  
Acq: 10 Jul 2025 15:30

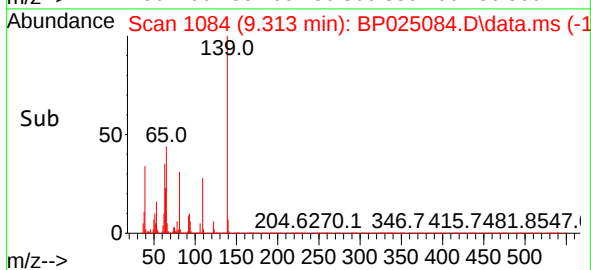
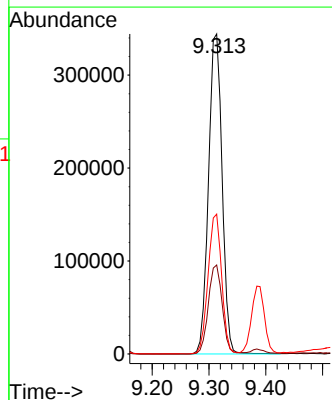
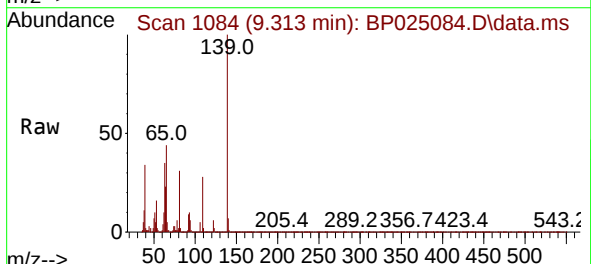
Instrument :  
BNA\_P  
ClientSampleId :  
PB168767BS

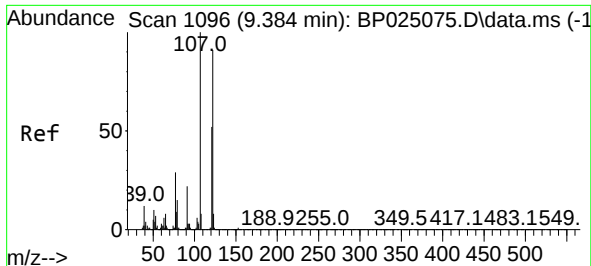
Tgt Ion: 82 Resp: 2421562  
Ion Ratio Lower Upper  
82 100  
95 6.9 5.8 8.6  
138 20.2 15.7 23.5



#26  
2-Nitrophenol  
Concen: 45.890 ng  
RT: 9.313 min Scan# 1084  
Delta R.T. 0.000 min  
Lab File: BP025084.D  
Acq: 10 Jul 2025 15:30

Tgt Ion: 139 Resp: 569593  
Ion Ratio Lower Upper  
139 100  
109 27.8 22.3 33.5  
65 43.7 33.8 50.8





#27

2,4-Dimethylphenol

Concen: 72.857 ng

RT: 9.384 min Scan# 1096

Delta R.T. 0.000 min

Lab File: BP025084.D

Acq: 10 Jul 2025 15:30

Instrument :

BNA\_P

ClientSampleId :

PB168767BS

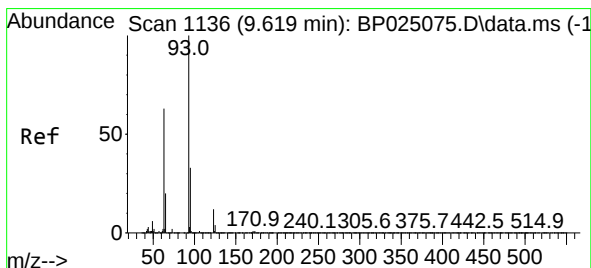
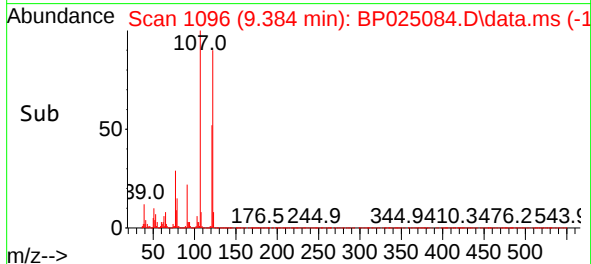
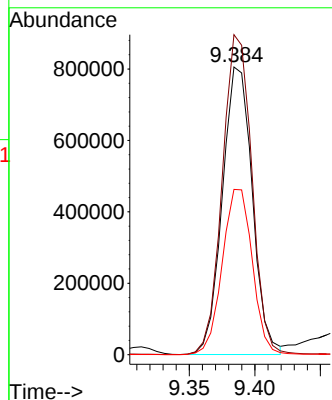
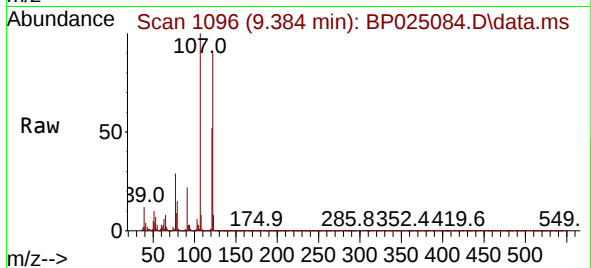
Tgt Ion:122 Resp: 1279756

Ion Ratio Lower Upper

122 100

107 111.2 88.2 132.2

121 57.5 46.1 69.1



#28

bis(2-Chloroethoxy)methane

Concen: 48.588 ng

RT: 9.619 min Scan# 1136

Delta R.T. 0.000 min

Lab File: BP025084.D

Acq: 10 Jul 2025 15:30

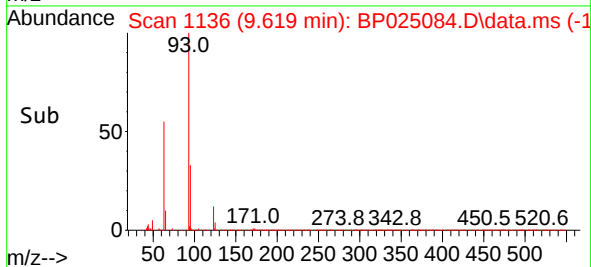
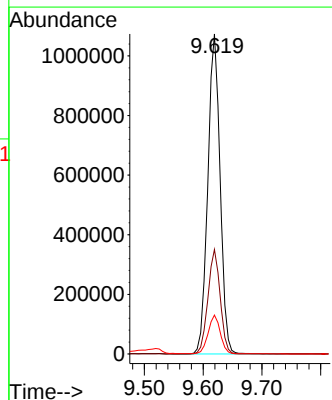
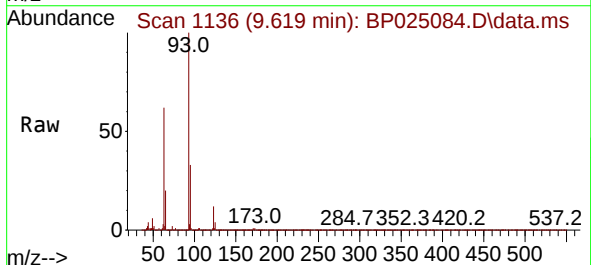
Tgt Ion: 93 Resp: 1553510

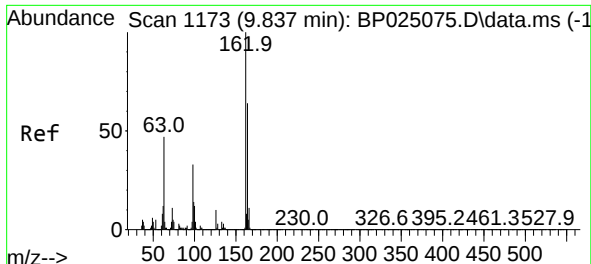
Ion Ratio Lower Upper

93 100

95 32.6 26.4 39.6

123 12.1 10.1 15.1

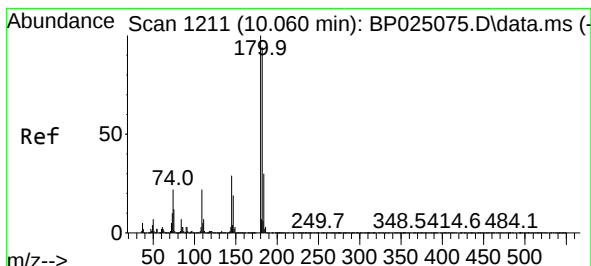
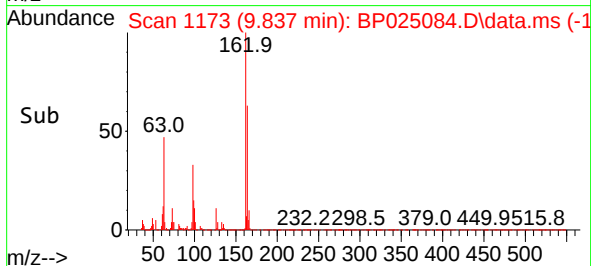
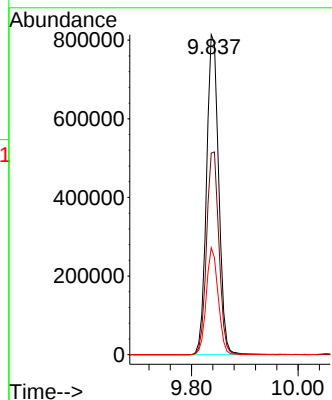
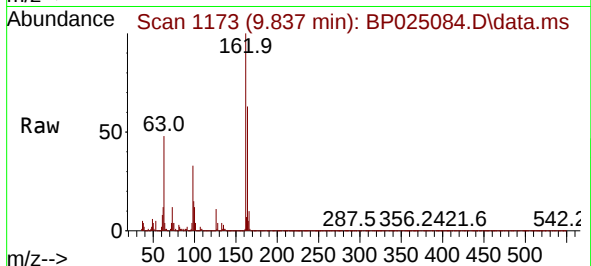




#29  
2,4-Dichlorophenol  
Concen: 52.957 ng  
RT: 9.837 min Scan# 1173  
Delta R.T. 0.000 min  
Lab File: BP025084.D  
Acq: 10 Jul 2025 15:30

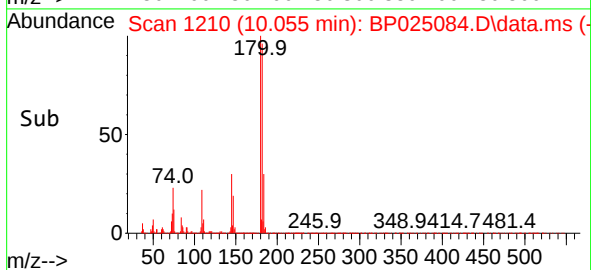
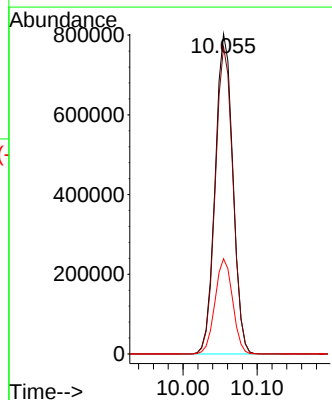
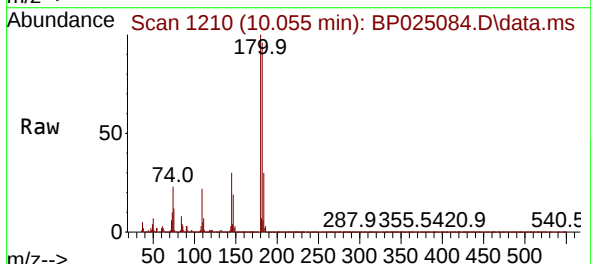
Instrument :  
BNA\_P  
ClientSampleId :  
PB168767BS

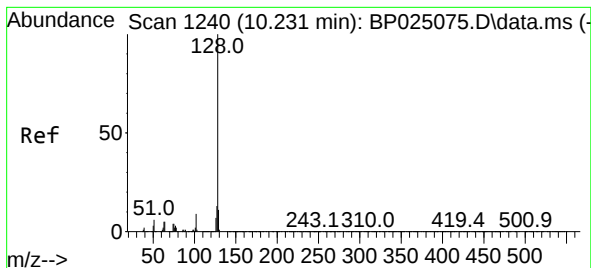
Tgt Ion:162 Resp: 1289854  
Ion Ratio Lower Upper  
162 100  
164 63.0 44.1 84.1  
98 33.4 13.1 53.1



#30  
1,2,4-Trichlorobenzene  
Concen: 49.248 ng  
RT: 10.055 min Scan# 1210  
Delta R.T. -0.006 min  
Lab File: BP025084.D  
Acq: 10 Jul 2025 15:30

Tgt Ion:180 Resp: 1328347  
Ion Ratio Lower Upper  
180 100  
182 96.0 75.1 112.7  
145 29.8 23.3 34.9

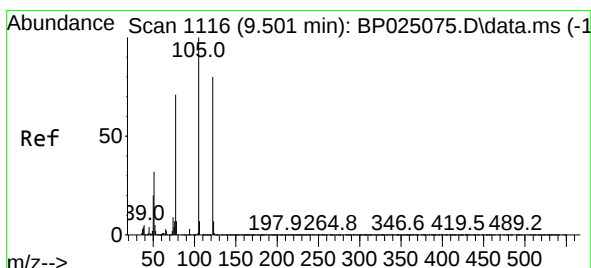
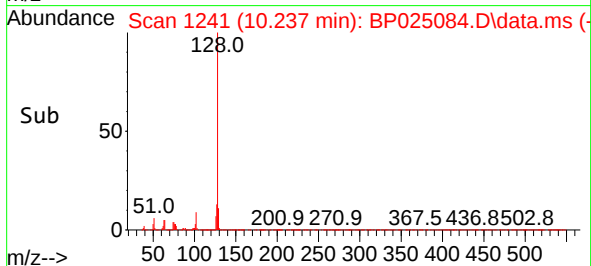
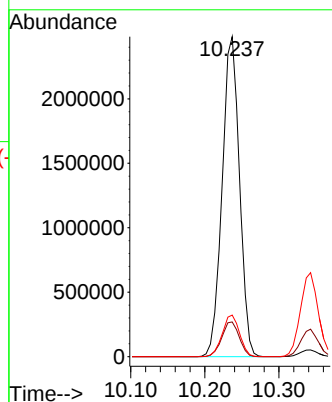
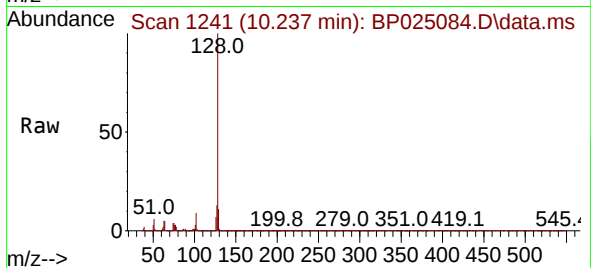




#31  
Naphthalene  
Concen: 46.656 ng  
RT: 10.237 min Scan# 1119  
Delta R.T. 0.006 min  
Lab File: BP025084.D  
Acq: 10 Jul 2025 15:30

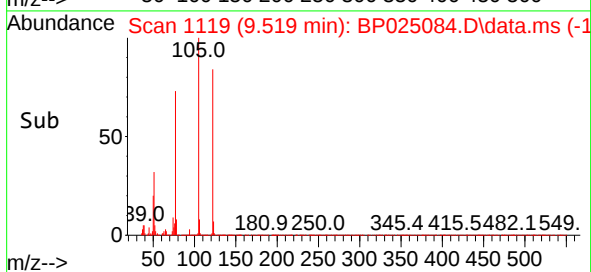
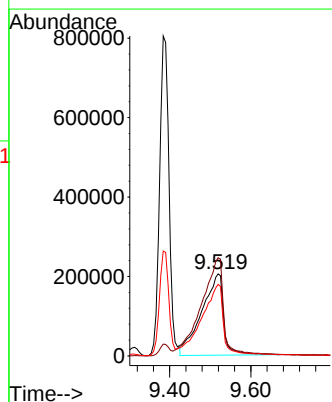
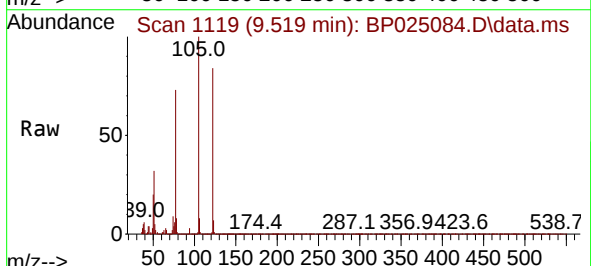
Instrument :  
BNA\_P  
ClientSampleId :  
PB168767BS

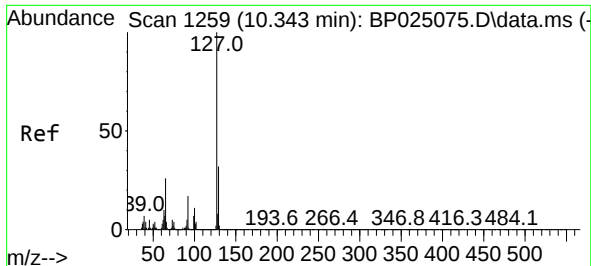
Tgt Ion:128 Resp: 4025792  
Ion Ratio Lower Upper  
128 100  
129 10.8 8.9 13.3  
127 13.0 10.4 15.6



#32  
Benzoic acid  
Concen: 44.356 ng  
RT: 9.519 min Scan# 1119  
Delta R.T. 0.018 min  
Lab File: BP025084.D  
Acq: 10 Jul 2025 15:30

Tgt Ion:122 Resp: 768871  
Ion Ratio Lower Upper  
122 100  
105 119.7 101.0 141.0  
77 87.2 67.6 107.6



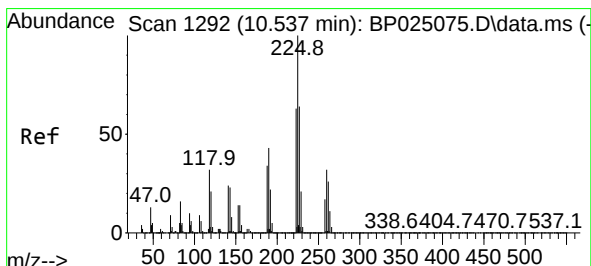
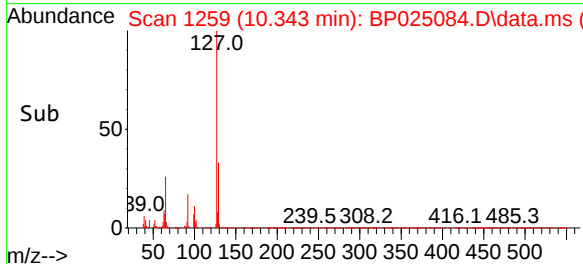
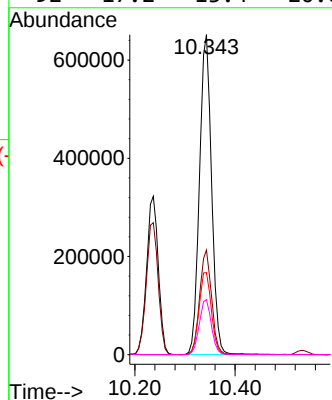
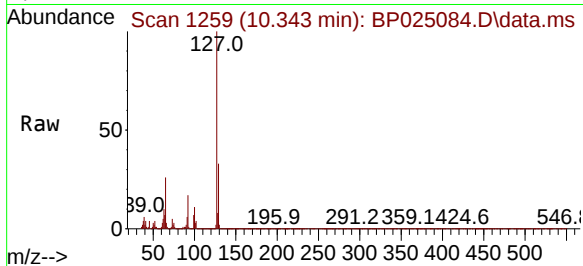


#33  
4-Chloroaniline  
Concen: 33.782 ng  
RT: 10.343 min Scan# 1259  
Delta R.T. 0.000 min  
Lab File: BP025084.D  
Acq: 10 Jul 2025 15:30

Instrument :  
BNA\_P  
ClientSampleId :  
PB168767BS

Tgt Ion:127 Resp: 1087831

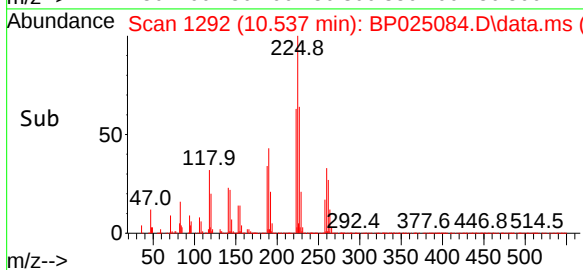
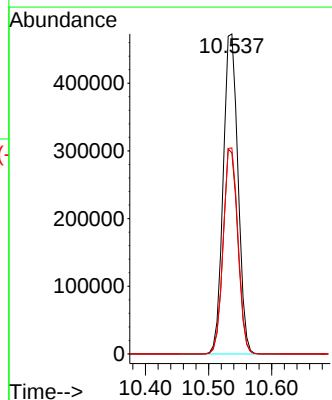
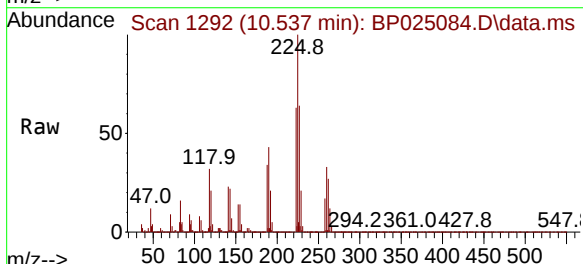
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 127 | 100   |       |       |
| 129 | 32.7  | 25.4  | 38.2  |
| 65  | 25.7  | 21.0  | 31.6  |
| 92  | 17.2  | 13.4  | 20.0  |

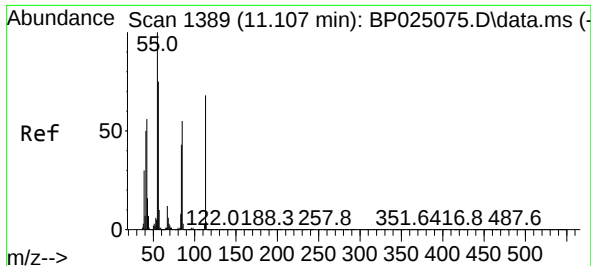


#34  
Hexachlorobutadiene  
Concen: 49.469 ng  
RT: 10.537 min Scan# 1292  
Delta R.T. 0.000 min  
Lab File: BP025084.D  
Acq: 10 Jul 2025 15:30

Tgt Ion:225 Resp: 765704

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 225 | 100   |       |       |
| 223 | 62.8  | 50.3  | 75.5  |
| 227 | 64.4  | 51.3  | 76.9  |

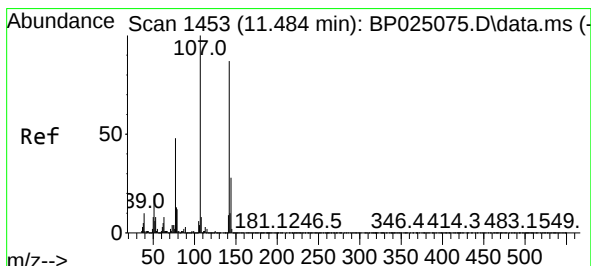
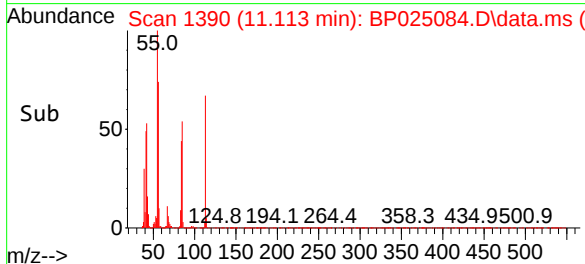
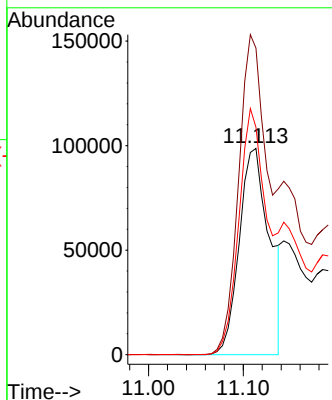
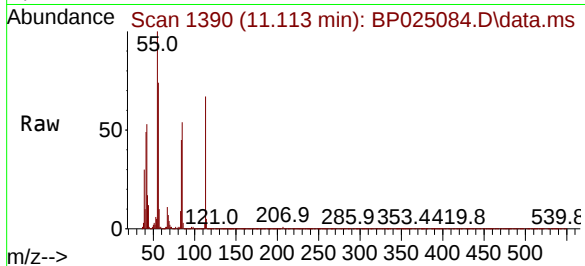




#35  
Caprolactam  
Concen: 26.244 ng  
RT: 11.113 min Scan# 1113  
Delta R.T. 0.006 min  
Lab File: BP025084.D  
Acq: 10 Jul 2025 15:30

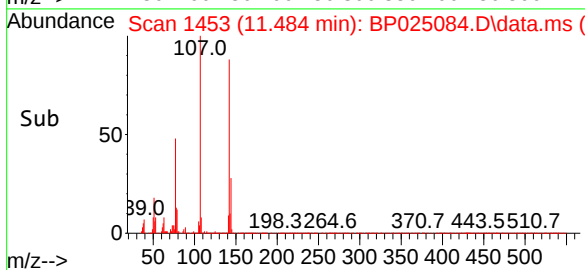
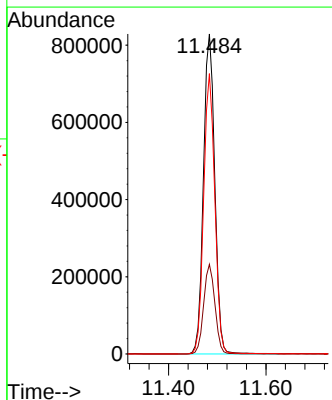
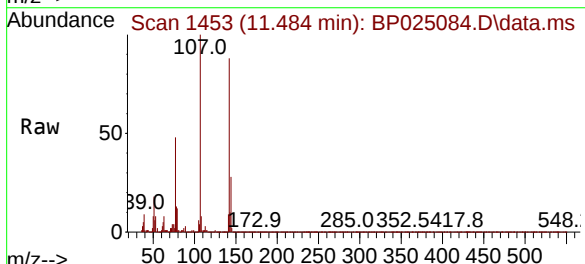
Instrument :  
BNA\_P  
ClientSampleId :  
PB168767BS

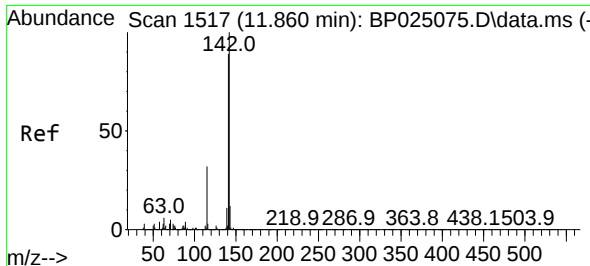
Tgt Ion:113 Resp: 218672  
Ion Ratio Lower Upper  
113 100  
55 148.6 128.1 168.1  
56 110.2 90.7 130.7



#36  
4-Chloro-3-methylphenol  
Concen: 52.353 ng  
RT: 11.484 min Scan# 1453  
Delta R.T. 0.000 min  
Lab File: BP025084.D  
Acq: 10 Jul 2025 15:30

Tgt Ion:107 Resp: 1332551  
Ion Ratio Lower Upper  
107 100  
144 28.0 22.4 33.6  
142 87.6 69.6 104.4

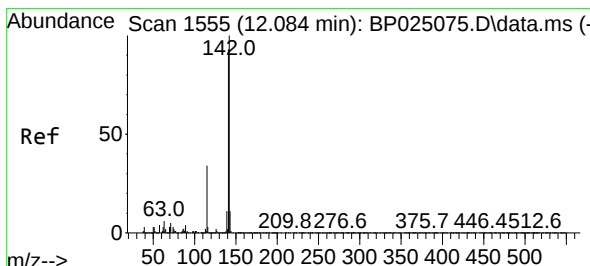
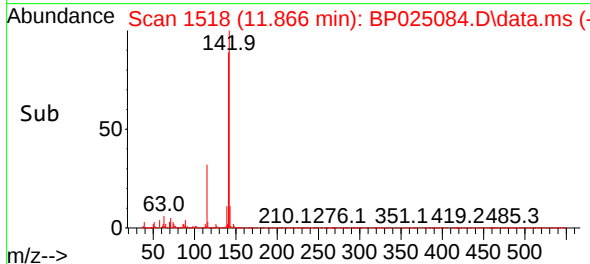
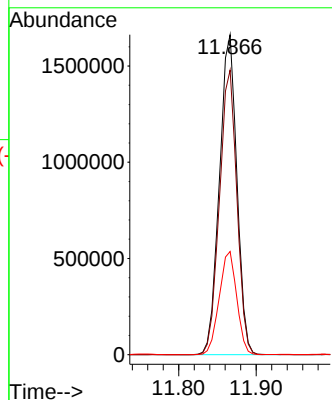
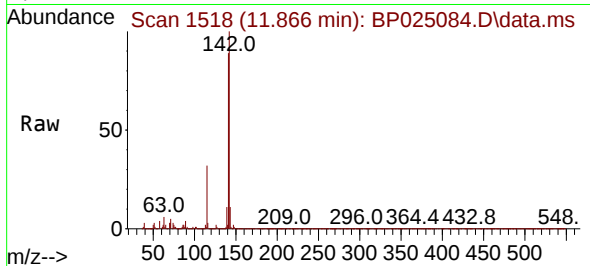




#37  
2-Methylnaphthalene  
Concen: 42.831 ng  
RT: 11.866 min Scan# 1517  
Delta R.T. 0.006 min  
Lab File: BP025084.D  
Acq: 10 Jul 2025 15:30

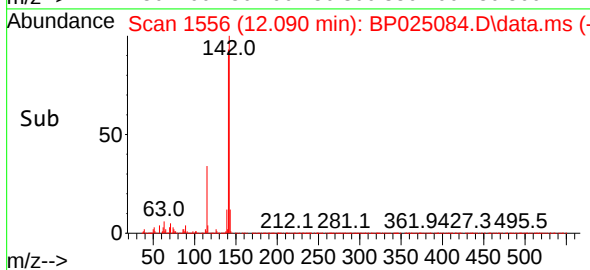
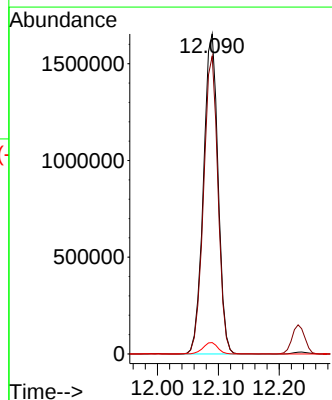
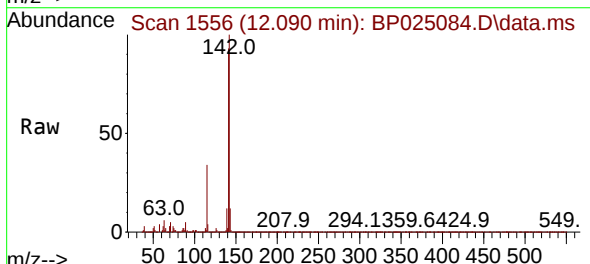
Instrument :  
BNA\_P  
ClientSampleId :  
PB168767BS

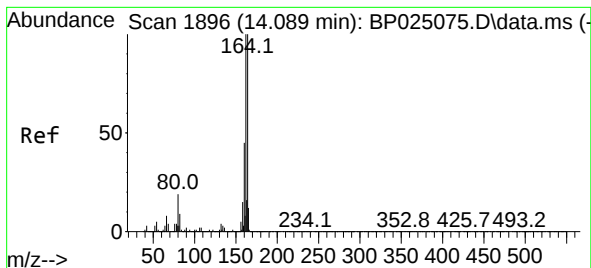
Tgt Ion:142 Resp: 2607625  
Ion Ratio Lower Upper  
142 100  
141 88.9 71.2 106.8  
115 32.2 25.9 38.9



#38  
1-Methylnaphthalene  
Concen: 46.431 ng  
RT: 12.090 min Scan# 1556  
Delta R.T. 0.006 min  
Lab File: BP025084.D  
Acq: 10 Jul 2025 15:30

Tgt Ion:142 Resp: 2756932  
Ion Ratio Lower Upper  
142 100  
141 93.1 74.1 111.1  
116 3.6 2.7 4.1





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.084 min Scan# 1896

Delta R.T. -0.005 min

Lab File: BP025084.D

Acq: 10 Jul 2025 15:30

Instrument :

BNA\_P

ClientSampleId :

PB168767BS

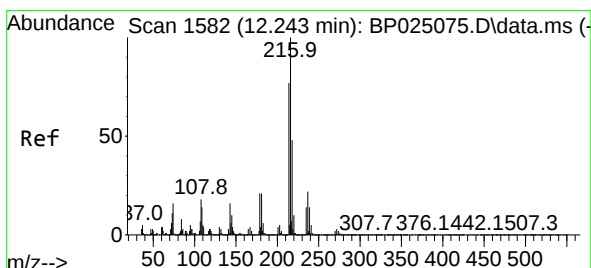
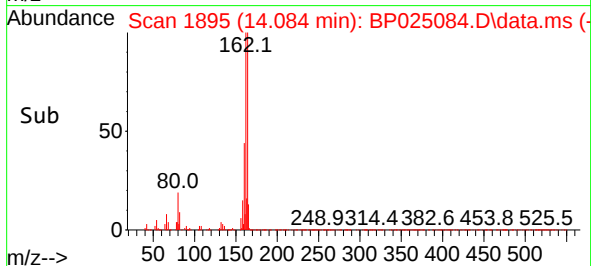
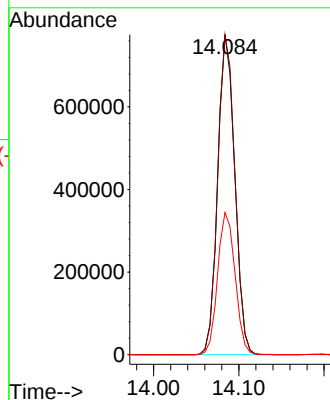
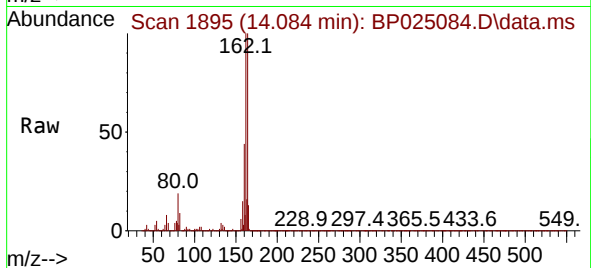
Tgt Ion:164 Resp: 1078667

Ion Ratio Lower Upper

164 100

162 100.1 80.3 120.5

160 44.4 35.9 53.9



#40

1,2,4,5-Tetrachlorobenzene

Concen: 47.568 ng

RT: 12.243 min Scan# 1582

Delta R.T. 0.000 min

Lab File: BP025084.D

Acq: 10 Jul 2025 15:30

Tgt Ion:216 Resp: 1474649

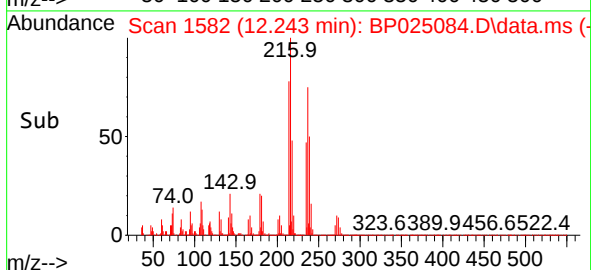
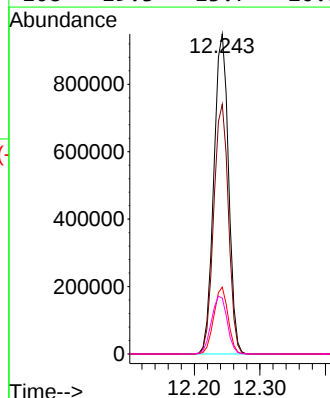
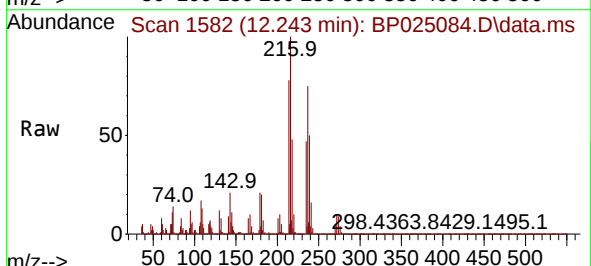
Ion Ratio Lower Upper

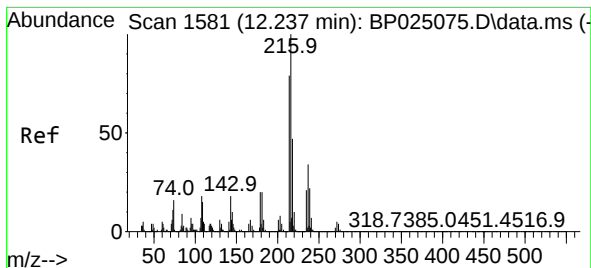
216 100

214 78.1 62.4 93.6

179 20.3 16.5 24.7

108 19.3 13.7 20.5





#41

Hexachlorocyclopentadiene

Concen: 208.137 ng

RT: 12.231 min Scan# 1

Delta R.T. -0.006 min

Lab File: BP025084.D

Acq: 10 Jul 2025 15:30

Instrument :

BNA\_P

ClientSampleId :

PB168767BS

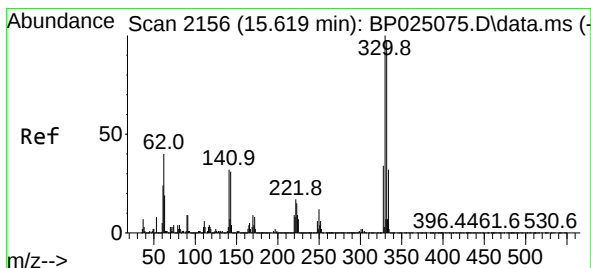
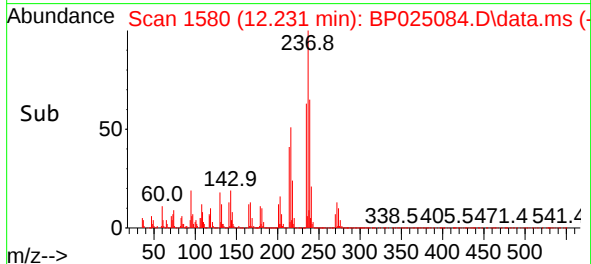
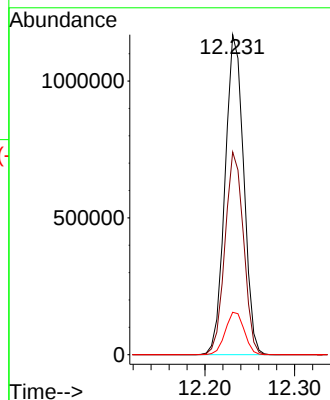
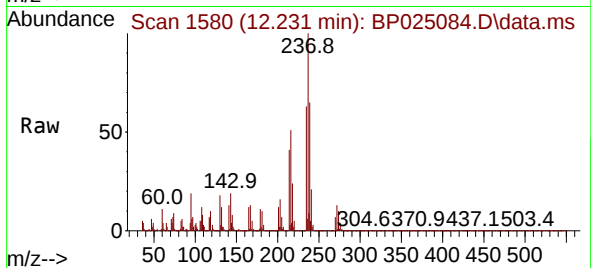
Tgt Ion:237 Resp: 1685391

Ion Ratio Lower Upper

237 100

235 63.3 41.6 81.6

272 13.3 0.0 33.6



#42

2,4,6-Tribromophenol

Concen: 160.723 ng

RT: 15.613 min Scan# 2155

Delta R.T. -0.006 min

Lab File: BP025084.D

Acq: 10 Jul 2025 15:30

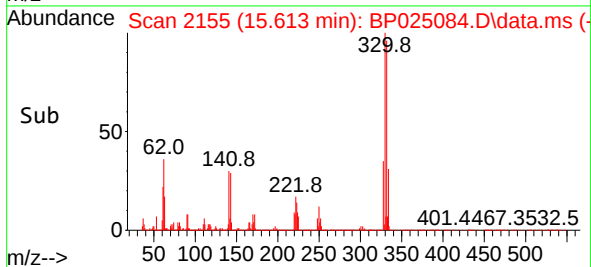
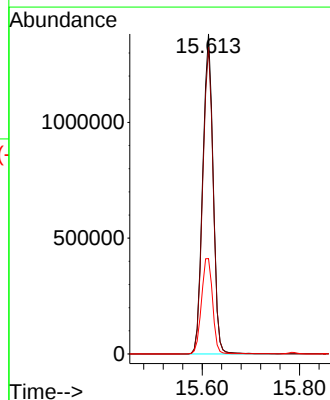
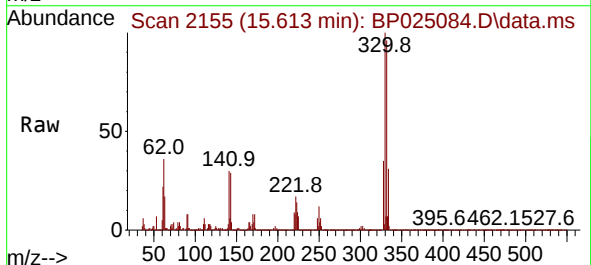
Tgt Ion:330 Resp: 2048035

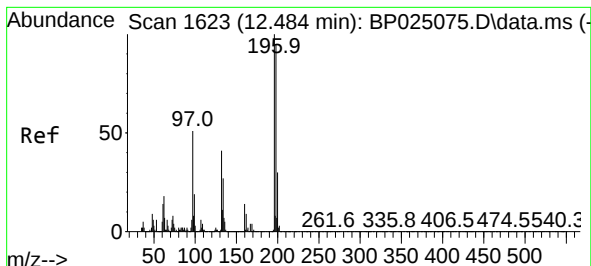
Ion Ratio Lower Upper

330 100

332 96.3 77.7 116.5

141 31.9 26.0 39.0





#43

2,4,6-Trichlorophenol

Concen: 54.966 ng

RT: 12.490 min Scan# 1

Delta R.T. 0.006 min

Lab File: BP025084.D

Acq: 10 Jul 2025 15:30

Instrument :

BNA\_P

ClientSampleId :

PB168767BS

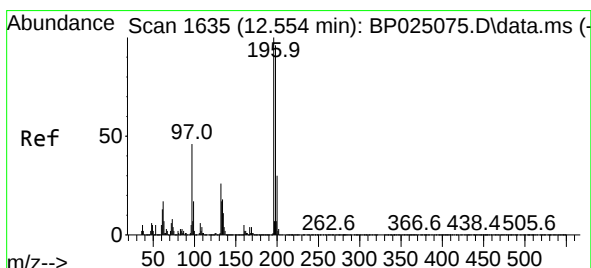
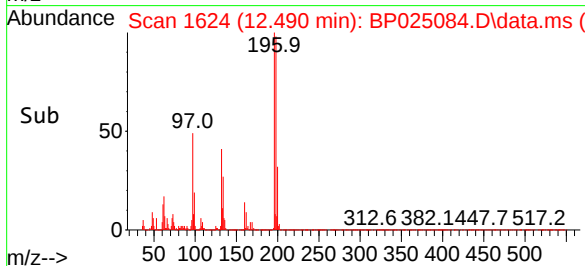
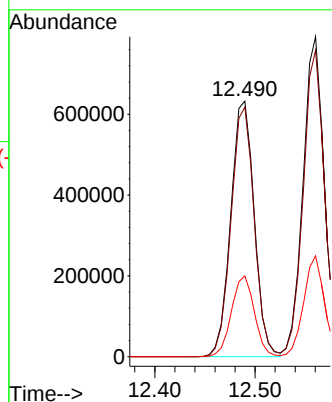
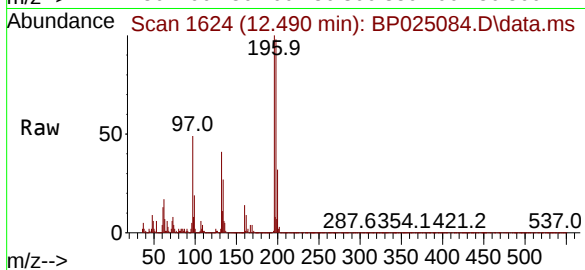
Tgt Ion:196 Resp: 1031791

Ion Ratio Lower Upper

196 100

198 97.7 76.2 114.2

200 31.6 24.3 36.5



#44

2,4,5-Trichlorophenol

Concen: 55.153 ng

RT: 12.560 min Scan# 1636

Delta R.T. 0.006 min

Lab File: BP025084.D

Acq: 10 Jul 2025 15:30

Tgt Ion:196 Resp: 1173309

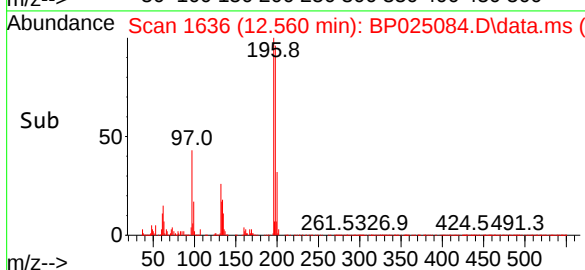
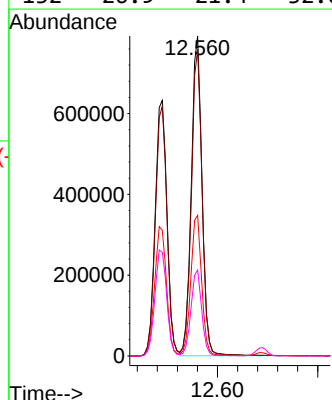
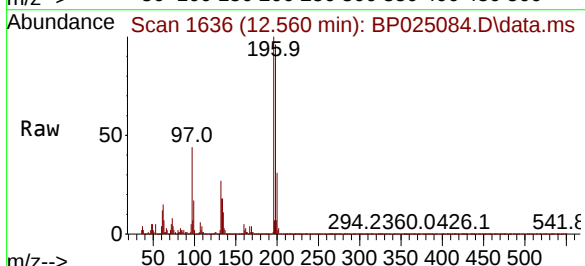
Ion Ratio Lower Upper

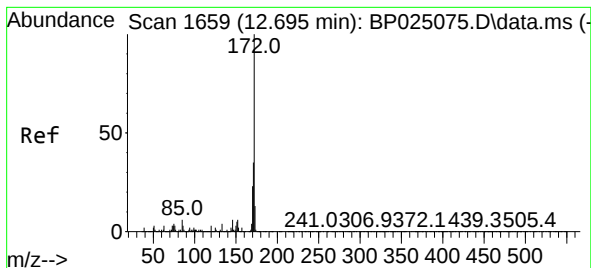
196 100

198 95.7 76.6 115.0

97 43.9 36.6 55.0

132 26.9 21.4 32.0





#45

2-Fluorobiphenyl

Concen: 98.831 ng

RT: 12.690 min Scan# 1659

Delta R.T. -0.006 min

Lab File: BP025084.D

Acq: 10 Jul 2025 15:30

Instrument :

BNA\_P

ClientSampleId :

PB168767BS

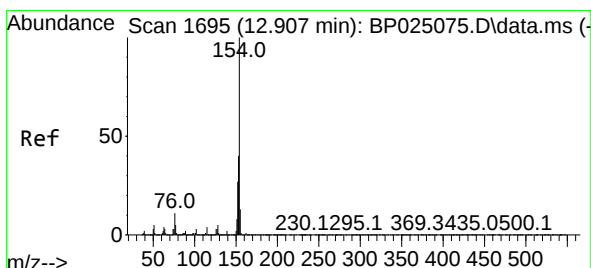
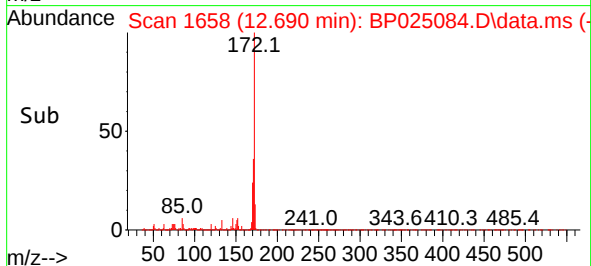
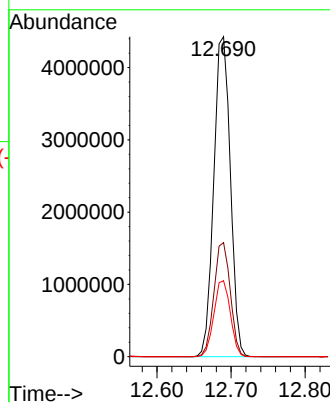
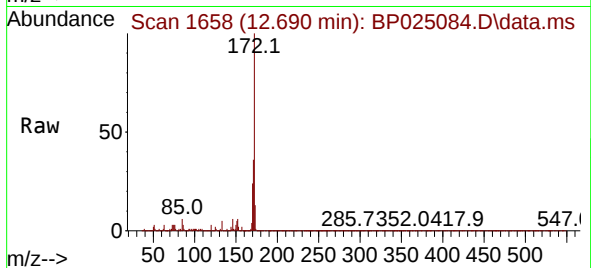
Tgt Ion:172 Resp: 6881510

Ion Ratio Lower Upper

172 100

171 35.6 28.2 42.2

170 23.7 18.7 28.1



#46

1,1'-Biphenyl

Concen: 47.698 ng

RT: 12.907 min Scan# 1695

Delta R.T. 0.000 min

Lab File: BP025084.D

Acq: 10 Jul 2025 15:30

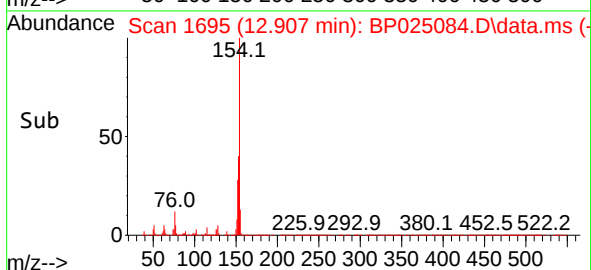
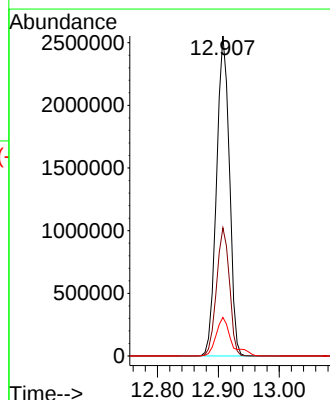
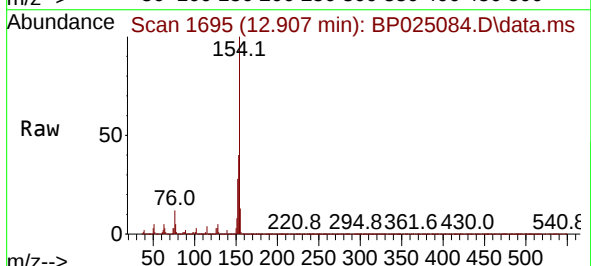
Tgt Ion:154 Resp: 3743427

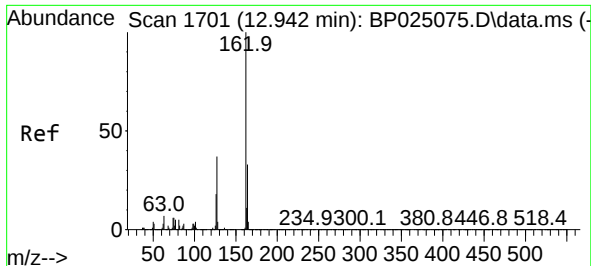
Ion Ratio Lower Upper

154 100

153 40.1 20.2 60.2

76 12.1 0.0 31.5

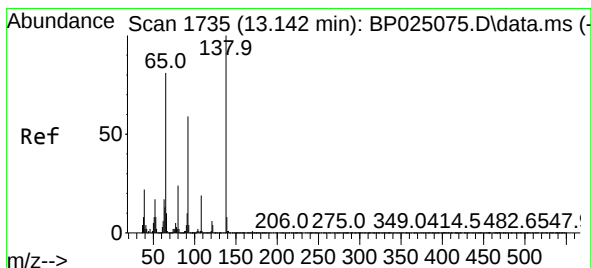
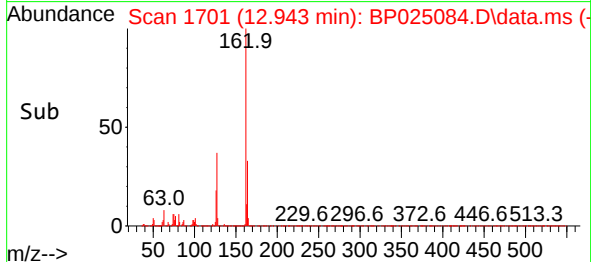
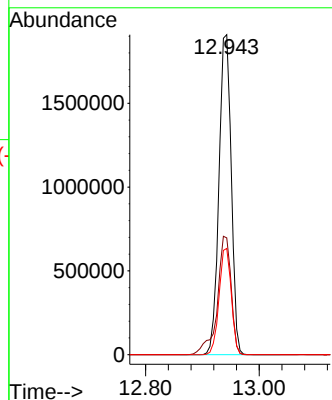
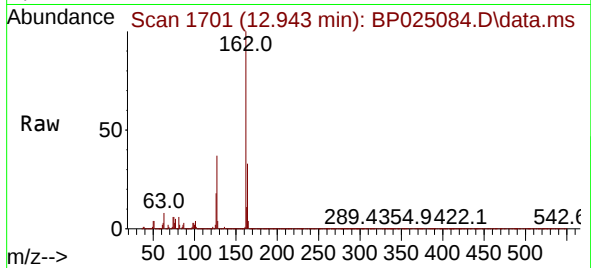




#47  
2-Chloronaphthalene  
Concen: 48.510 ng  
RT: 12.943 min Scan# 1701  
Delta R.T. 0.000 min  
Lab File: BP025084.D  
Acq: 10 Jul 2025 15:30

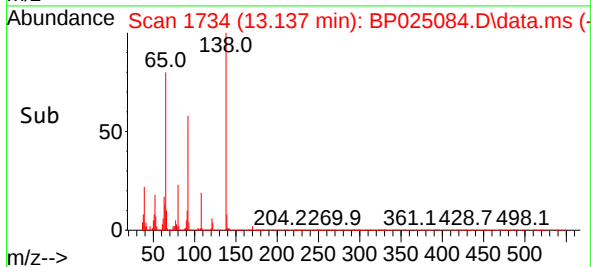
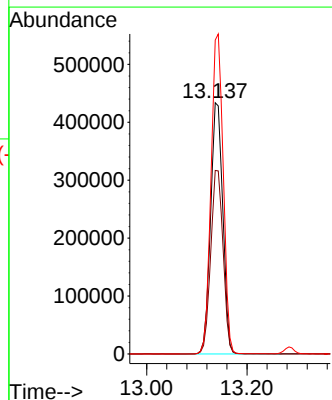
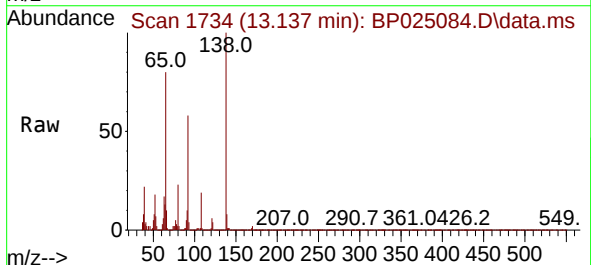
Instrument :  
BNA\_P  
ClientSampleId :  
PB168767BS

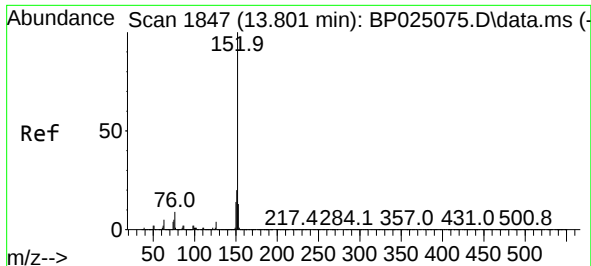
Tgt Ion:162 Resp: 2861497  
Ion Ratio Lower Upper  
162 100  
127 36.5 29.4 44.2  
164 33.2 26.4 39.6



#48  
2-Nitroaniline  
Concen: 50.801 ng  
RT: 13.137 min Scan# 1734  
Delta R.T. -0.005 min  
Lab File: BP025084.D  
Acq: 10 Jul 2025 15:30

Tgt Ion: 65 Resp: 736535  
Ion Ratio Lower Upper  
65 100  
92 73.1 58.7 88.1  
138 125.0 99.0 148.4

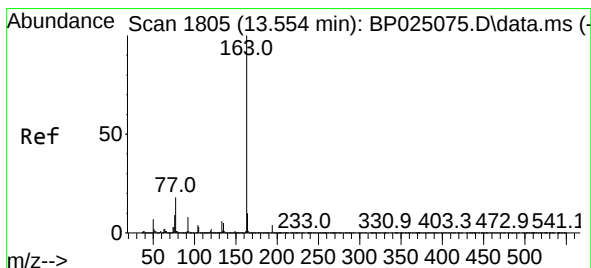
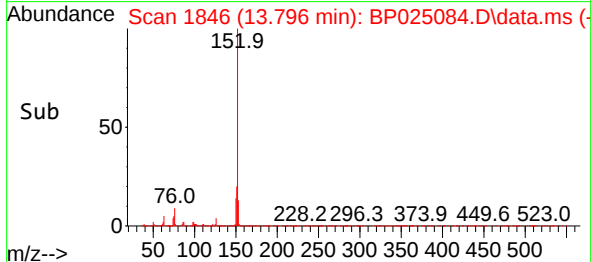
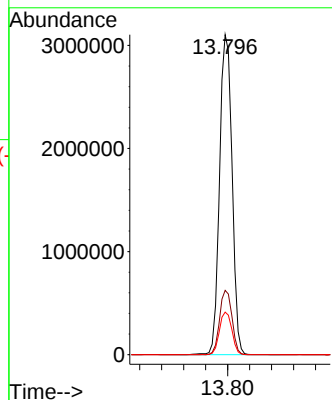
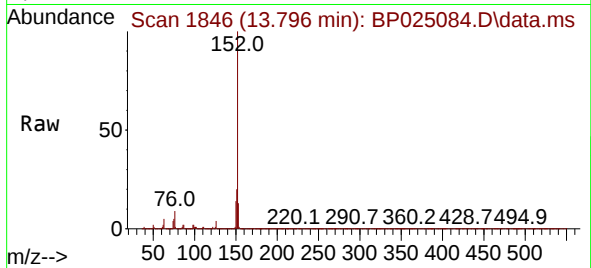




#49  
Acenaphthylene  
Concen: 54.185 ng  
RT: 13.796 min Scan# 1846  
Delta R.T. -0.006 min  
Lab File: BP025084.D  
Acq: 10 Jul 2025 15:30

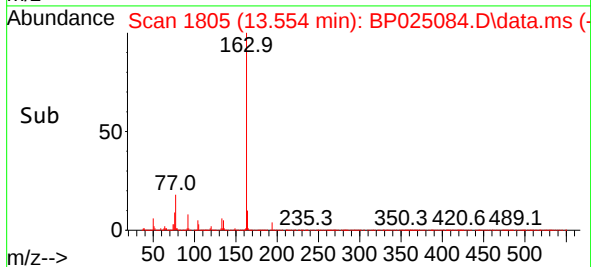
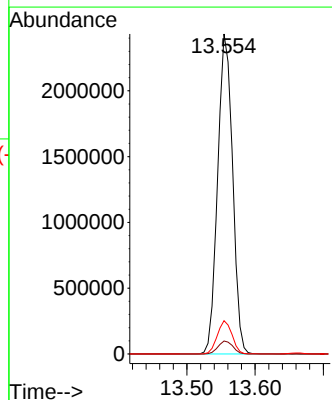
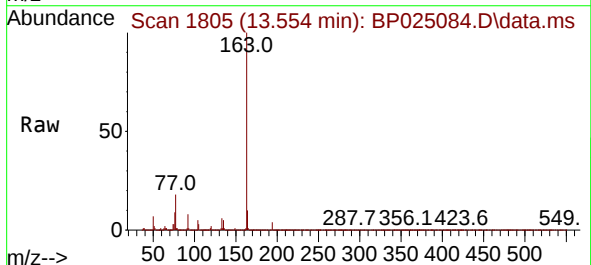
Instrument :  
BNA\_P  
ClientSampleId :  
PB168767BS

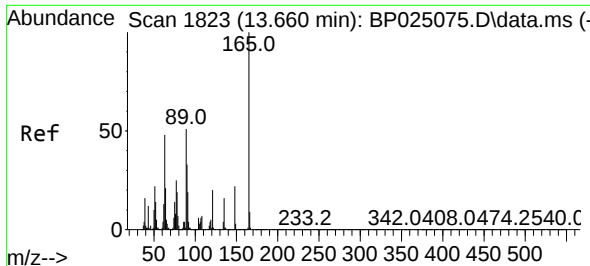
Tgt Ion:152 Resp: 4892015  
Ion Ratio Lower Upper  
152 100  
151 20.1 16.1 24.1  
153 13.3 10.7 16.1



#50  
Dimethylphthalate  
Concen: 49.076 ng  
RT: 13.554 min Scan# 1805  
Delta R.T. 0.000 min  
Lab File: BP025084.D  
Acq: 10 Jul 2025 15:30

Tgt Ion:163 Resp: 3705549  
Ion Ratio Lower Upper  
163 100  
194 4.0 3.4 5.0  
164 10.4 8.0 12.0

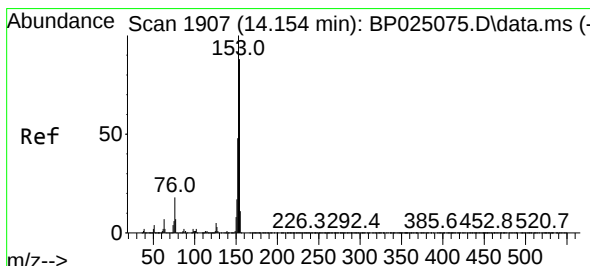
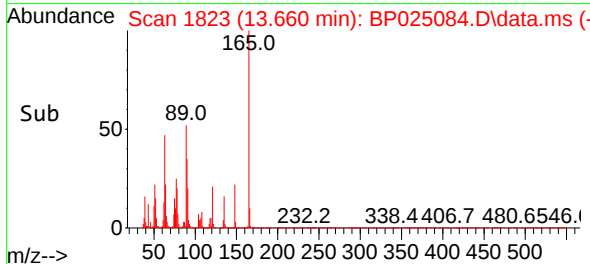
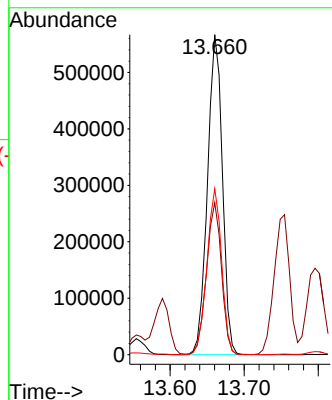
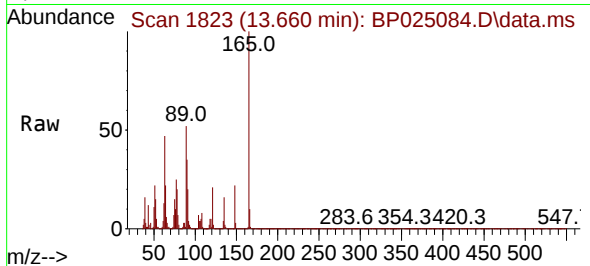




#51  
2,6-Dinitrotoluene  
Concen: 53.800 ng  
RT: 13.660 min Scan# 1823  
Delta R.T. 0.000 min  
Lab File: BP025084.D  
Acq: 10 Jul 2025 15:30

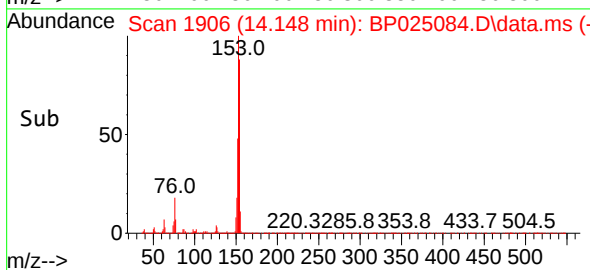
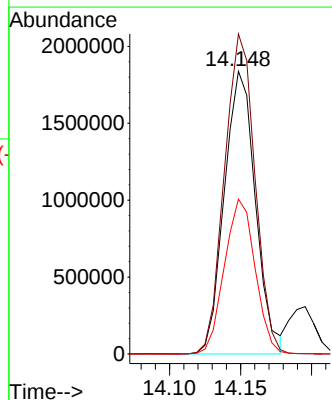
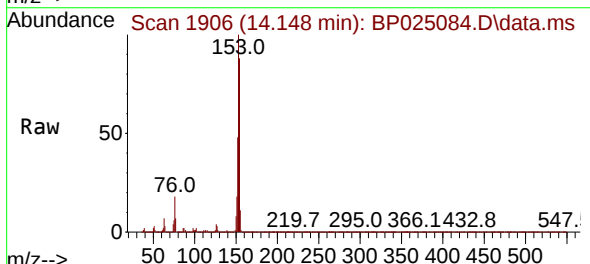
Instrument :  
BNA\_P  
ClientSampleId :  
PB168767BS

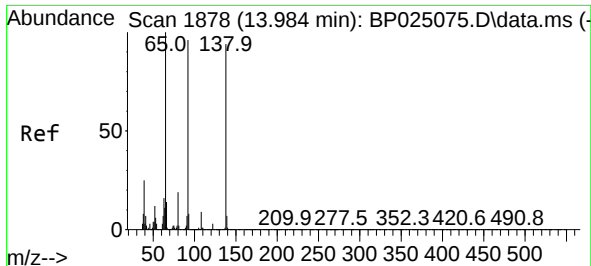
Tgt Ion:165 Resp: 792263  
Ion Ratio Lower Upper  
165 100  
63 47.5 38.5 57.7  
89 51.8 40.6 61.0



#52  
Acenaphthene  
Concen: 48.173 ng  
RT: 14.148 min Scan# 1906  
Delta R.T. -0.006 min  
Lab File: BP025084.D  
Acq: 10 Jul 2025 15:30

Tgt Ion:154 Resp: 2803184  
Ion Ratio Lower Upper  
154 100  
153 113.2 90.6 136.0  
152 54.8 43.8 65.8

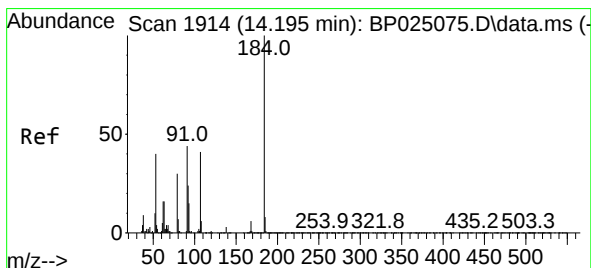
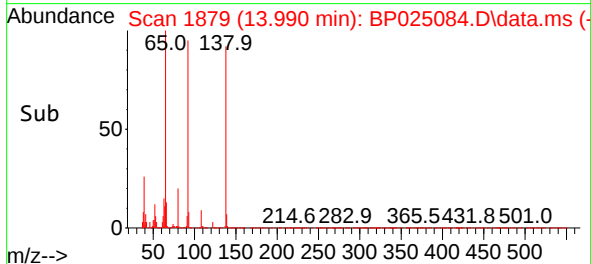
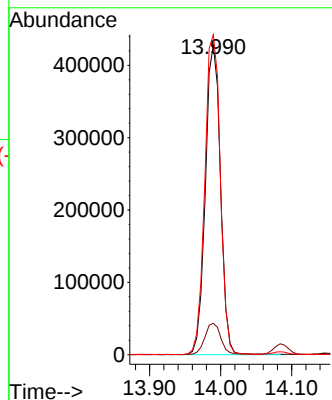
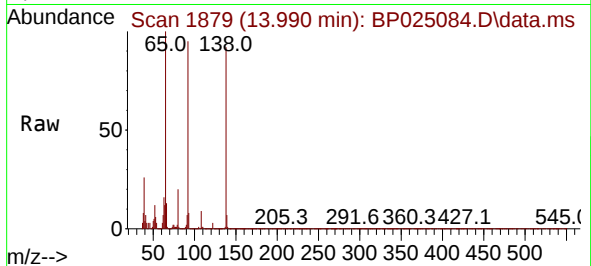




#53  
3-Nitroaniline  
Concen: 40.122 ng  
RT: 13.990 min Scan# 1878  
Delta R.T. 0.006 min  
Lab File: BP025084.D  
Acq: 10 Jul 2025 15:30

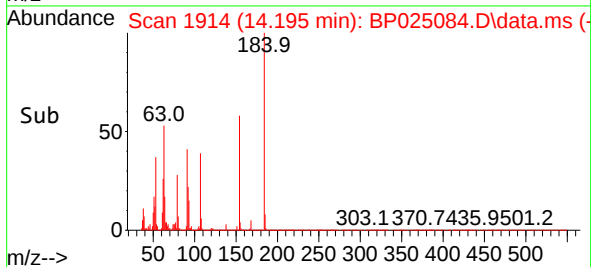
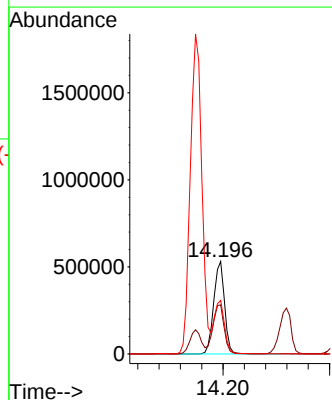
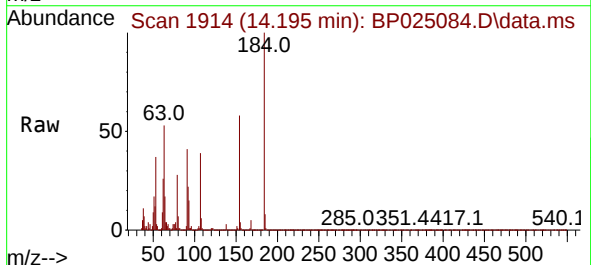
Instrument :  
BNA\_P  
ClientSampleId :  
PB168767BS

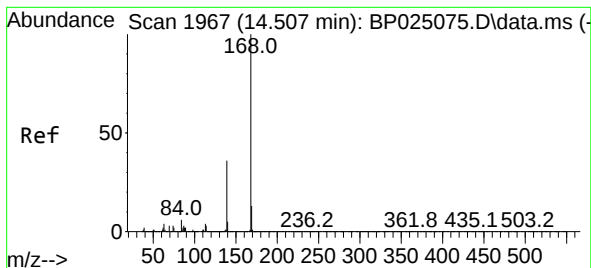
Tgt Ion:138 Resp: 633192  
Ion Ratio Lower Upper  
138 100  
108 10.2 7.8 11.8  
92 103.4 81.0 121.4



#54  
2,4-Dinitrophenol  
Concen: 102.794 ng  
RT: 14.195 min Scan# 1914  
Delta R.T. 0.000 min  
Lab File: BP025084.D  
Acq: 10 Jul 2025 15:30

Tgt Ion:184 Resp: 751646  
Ion Ratio Lower Upper  
184 100  
63 53.2 47.4 71.0  
154 57.9 47.8 71.8





#55

Dibenzofuran

Concen: 46.874 ng

RT: 14.495 min Scan# 1965

Delta R.T. -0.012 min

Lab File: BP025084.D

Acq: 10 Jul 2025 15:30

Instrument :

BNA\_P

ClientSampleId :

PB168767BS

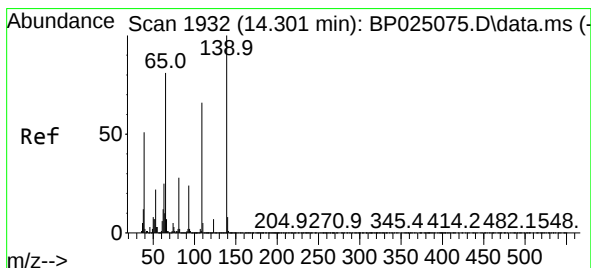
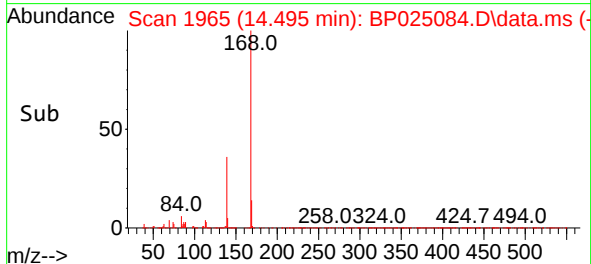
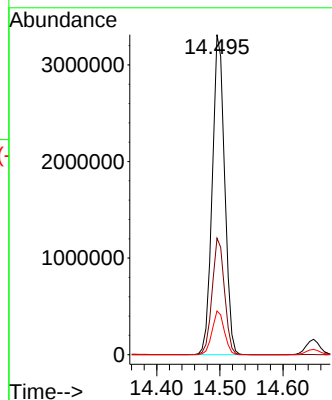
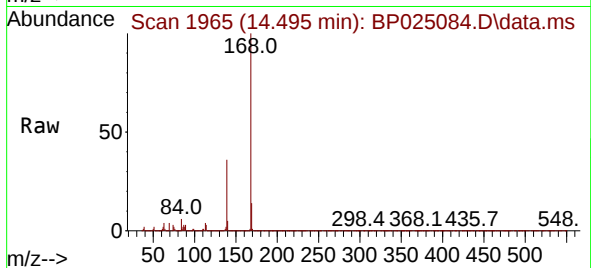
Tgt Ion:168 Resp: 4501415

Ion Ratio Lower Upper

168 100

139 36.4 28.6 43.0

169 13.6 10.7 16.1



#56

4-Nitrophenol

Concen: 110.515 ng

RT: 14.319 min Scan# 1935

Delta R.T. 0.018 min

Lab File: BP025084.D

Acq: 10 Jul 2025 15:30

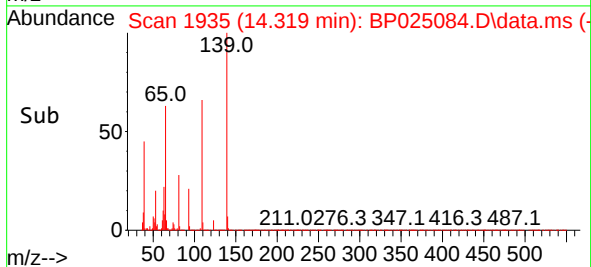
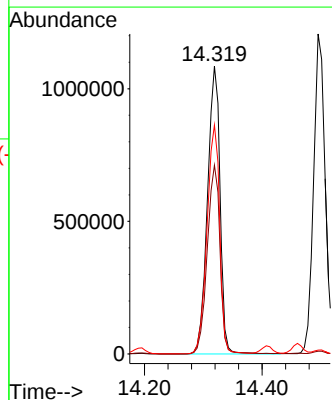
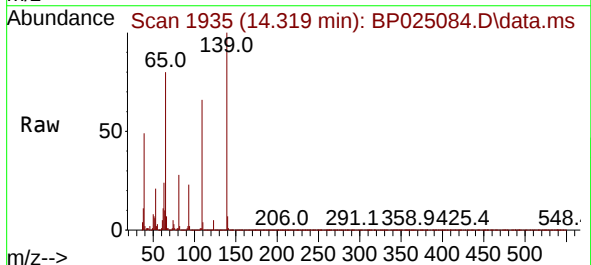
Tgt Ion:139 Resp: 1609549

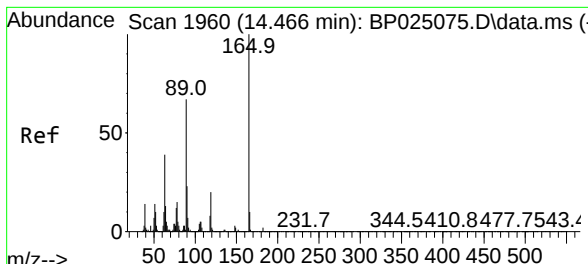
Ion Ratio Lower Upper

139 100

109 65.6 45.9 85.9

65 79.6 61.4 101.4



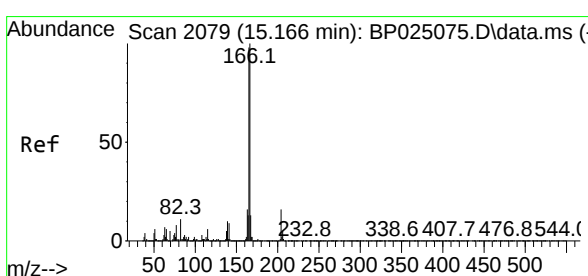
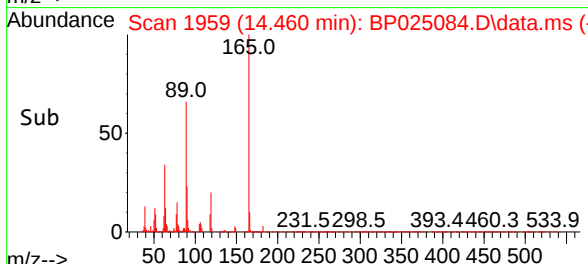
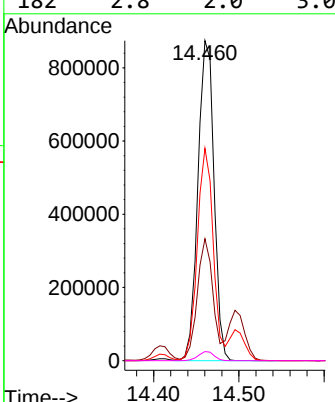
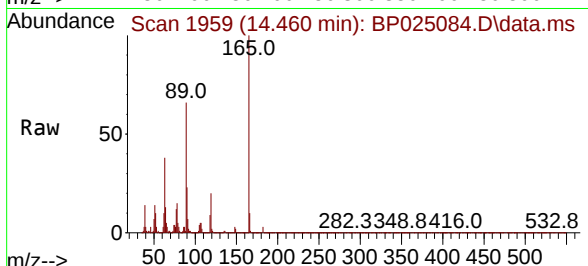


#57  
 2,4-Dinitrotoluene  
 Concen: 52.686 ng  
 RT: 14.460 min Scan# 1959  
 Delta R.T. -0.006 min  
 Lab File: BP025084.D  
 Acq: 10 Jul 2025 15:30

Instrument :  
 BNA\_P  
 ClientSampleId :  
 PB168767BS

Tgt Ion:165 Resp: 1144571

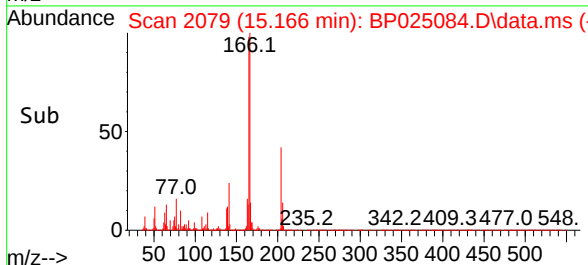
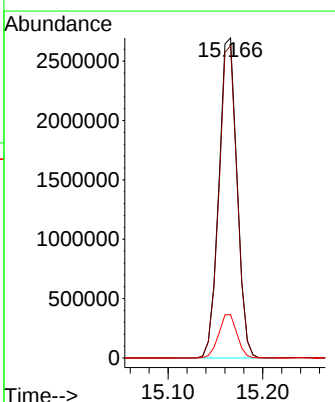
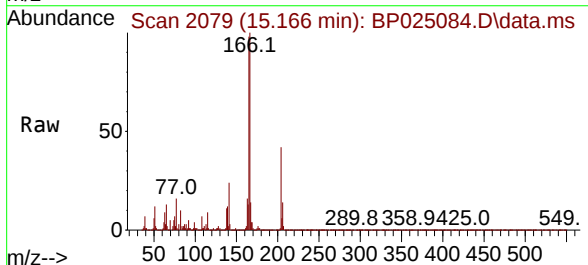
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 165 | 100   |       |       |
| 63  | 38.1  | 31.0  | 46.4  |
| 89  | 66.4  | 53.4  | 80.0  |
| 182 | 2.8   | 2.0   | 3.0   |

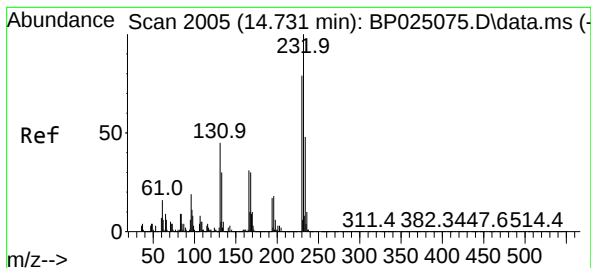


#58  
 Fluorene  
 Concen: 48.431 ng  
 RT: 15.166 min Scan# 2079  
 Delta R.T. 0.000 min  
 Lab File: BP025084.D  
 Acq: 10 Jul 2025 15:30

Tgt Ion:166 Resp: 3597418

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 166 | 100   |       |       |
| 165 | 97.5  | 78.6  | 117.8 |
| 167 | 13.5  | 10.7  | 16.1  |

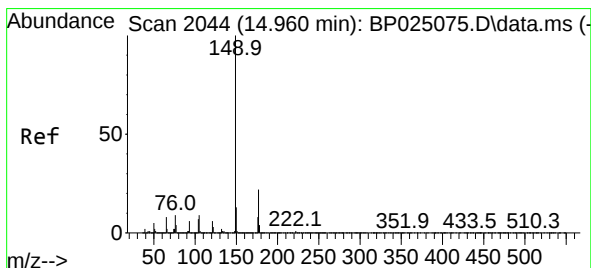
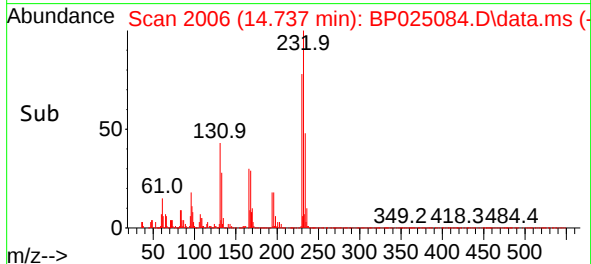
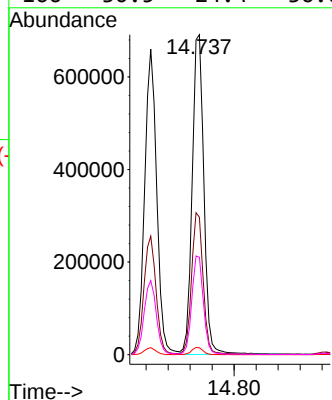
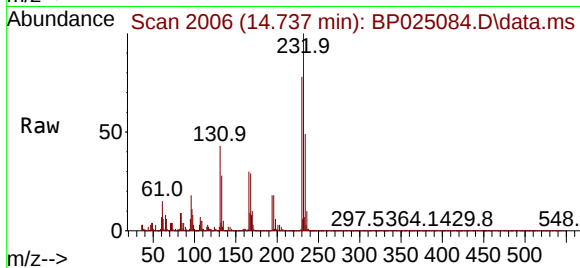




#59  
2,3,4,6-Tetrachlorophenol  
Concen: 52.733 ng  
RT: 14.737 min Scan# 2006  
Delta R.T. 0.006 min  
Lab File: BP025084.D  
Acq: 10 Jul 2025 15:30

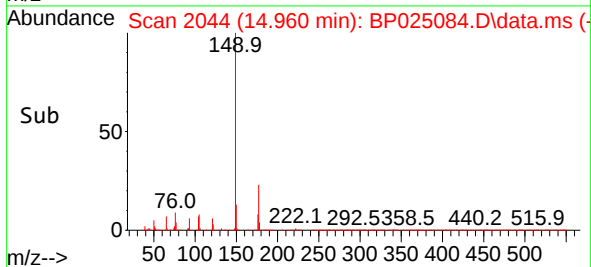
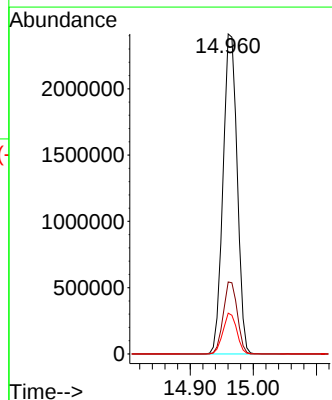
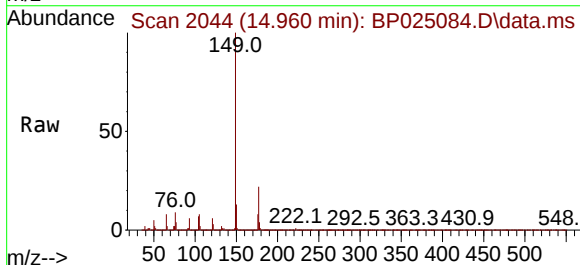
Instrument :  
BNA\_P  
ClientSampleId :  
PB168767BS

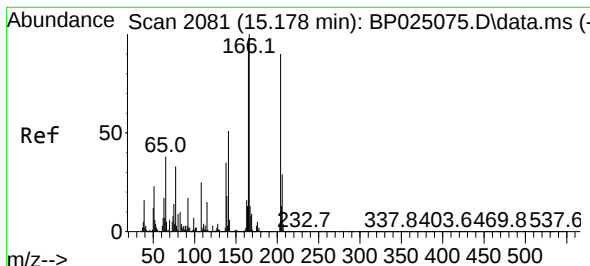
Tgt Ion:232 Resp: 1015880  
Ion Ratio Lower Upper  
232 100  
131 44.0 35.7 53.5  
130 2.2 1.8 2.6  
166 30.5 24.4 36.6



#60  
Diethylphthalate  
Concen: 49.514 ng  
RT: 14.960 min Scan# 2044  
Delta R.T. 0.000 min  
Lab File: BP025084.D  
Acq: 10 Jul 2025 15:30

Tgt Ion:149 Resp: 3755069  
Ion Ratio Lower Upper  
149 100  
177 22.5 17.8 26.8  
150 12.8 10.2 15.2

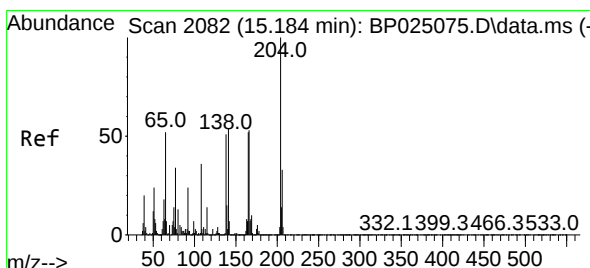
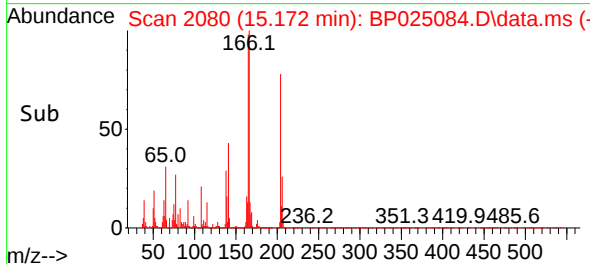
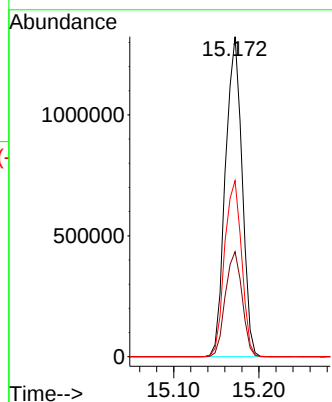
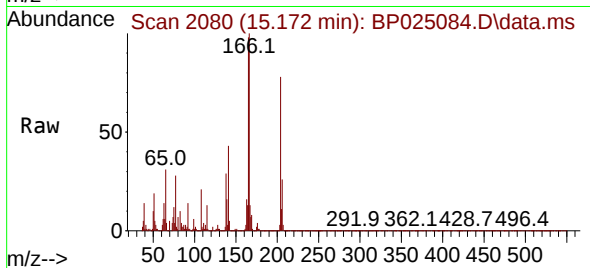




#61  
4-Chlorophenyl-phenylether  
Concen: 48.804 ng  
RT: 15.172 min Scan# 2080  
Delta R.T. -0.006 min  
Lab File: BP025084.D  
Acq: 10 Jul 2025 15:30

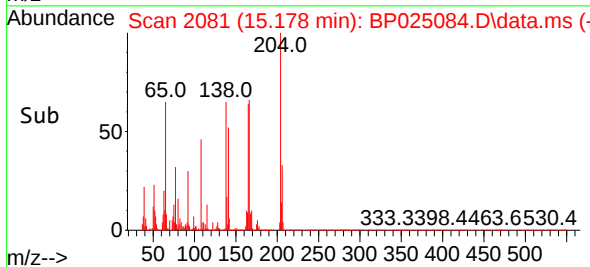
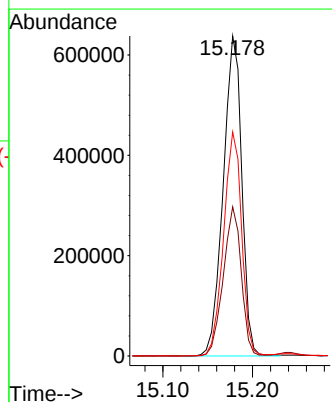
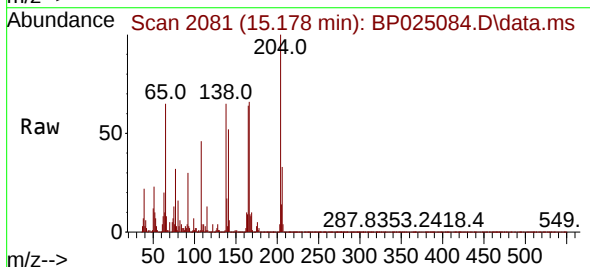
Instrument :  
BNA\_P  
ClientSampleId :  
PB168767BS

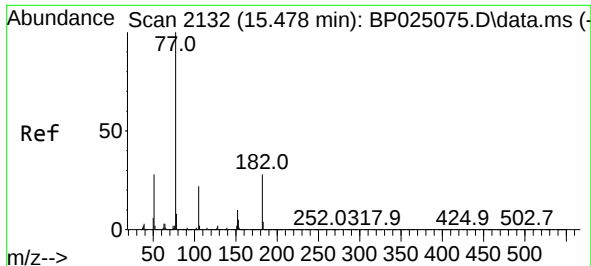
Tgt Ion:204 Resp: 1794033  
Ion Ratio Lower Upper  
204 100  
206 32.8 25.8 38.6  
141 55.0 45.1 67.7



#62  
4-Nitroaniline  
Concen: 55.384 ng  
RT: 15.178 min Scan# 2081  
Delta R.T. -0.006 min  
Lab File: BP025084.D  
Acq: 10 Jul 2025 15:30

Tgt Ion:138 Resp: 916515  
Ion Ratio Lower Upper  
138 100  
92 46.6 26.0 66.0  
108 70.0 50.0 90.0

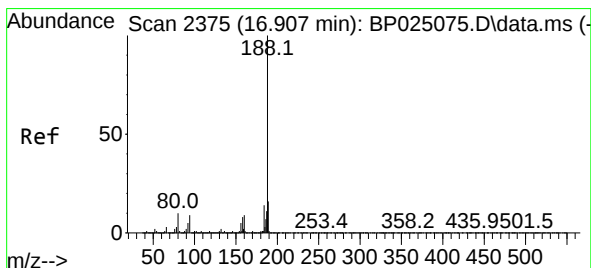
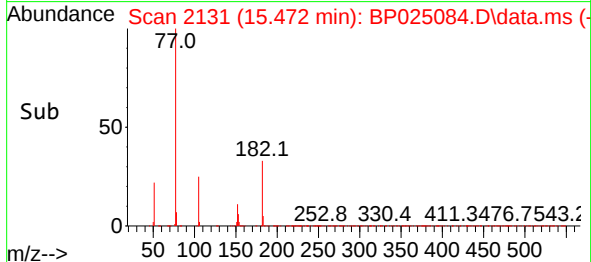
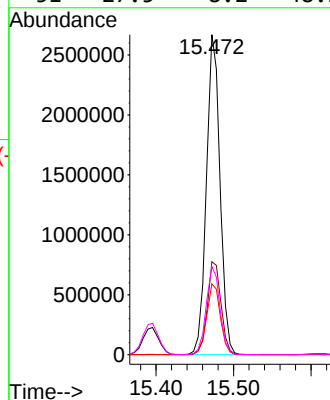
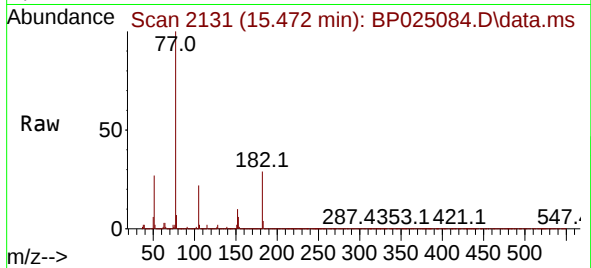




#63  
Azobenzene  
Concen: 48.004 ng  
RT: 15.472 min Scan# 2132  
Delta R.T. -0.006 min  
Lab File: BP025084.D  
Acq: 10 Jul 2025 15:30

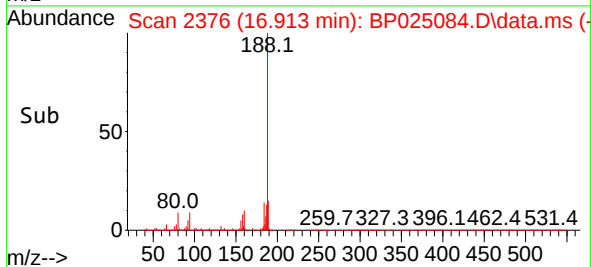
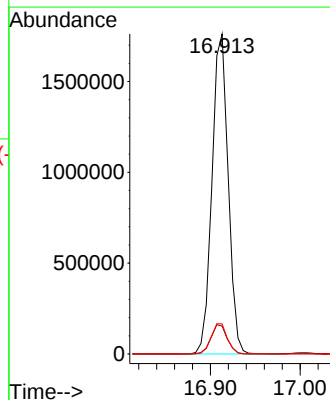
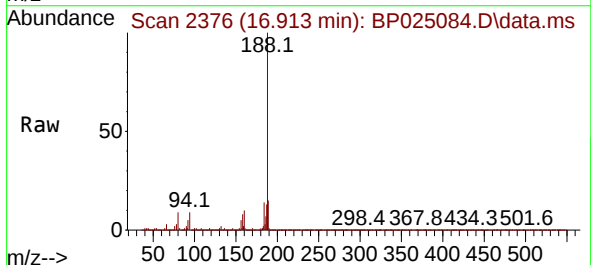
Instrument :  
BNA\_P  
ClientSampleId :  
PB168767BS

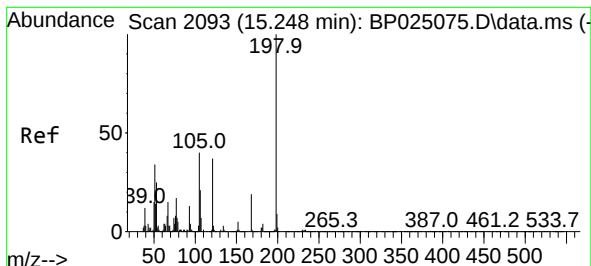
Tgt Ion: 77 Resp: 3241778  
Ion Ratio Lower Upper  
77 100  
182 29.1 7.7 47.7  
105 22.2 1.9 41.9  
51 27.5 8.2 48.2



#64  
Phenanthrene-d10  
Concen: 20.000 ng  
RT: 16.913 min Scan# 2376  
Delta R.T. 0.006 min  
Lab File: BP025084.D  
Acq: 10 Jul 2025 15:30

Tgt Ion:188 Resp: 2205227  
Ion Ratio Lower Upper  
188 100  
94 8.7 7.3 10.9  
80 9.4 7.8 11.6

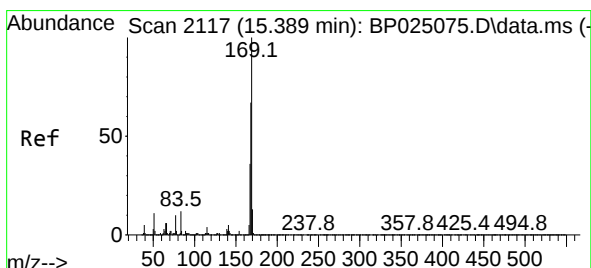
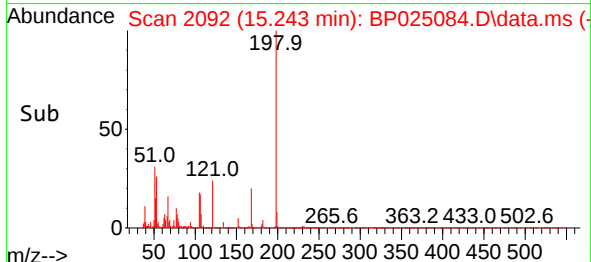
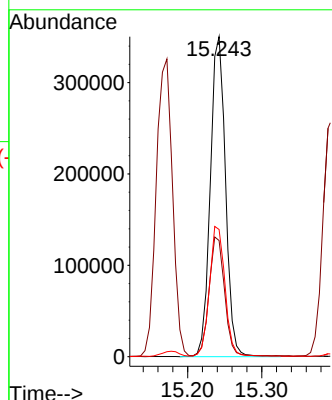
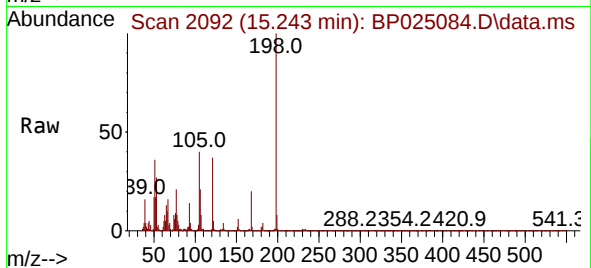




#65  
4,6-Dinitro-2-methylphenol  
Concen: 49.519 ng  
RT: 15.243 min Scan# 2092  
Delta R.T. -0.005 min  
Lab File: BP025084.D  
Acq: 10 Jul 2025 15:30

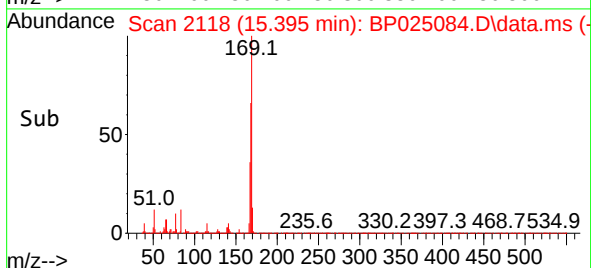
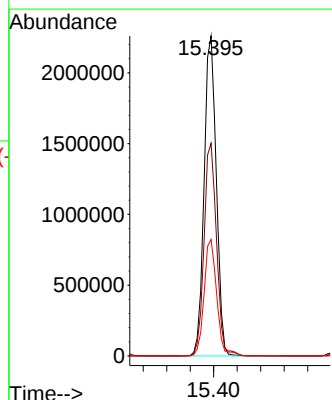
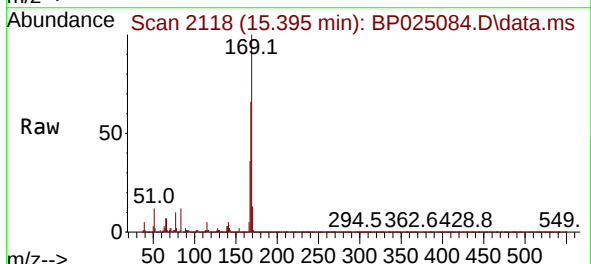
Instrument :  
BNA\_P  
ClientSampleId :  
PB168767BS

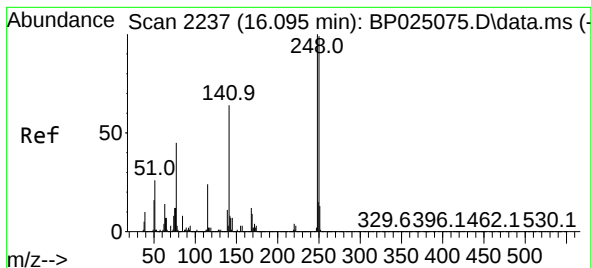
Tgt Ion:198 Resp: 498938  
Ion Ratio Lower Upper  
198 100  
51 36.3 16.8 56.8  
105 39.8 20.8 60.8



#66  
n-Nitrosodiphenylamine  
Concen: 51.563 ng  
RT: 15.395 min Scan# 2118  
Delta R.T. 0.006 min  
Lab File: BP025084.D  
Acq: 10 Jul 2025 15:30

Tgt Ion:169 Resp: 3254196  
Ion Ratio Lower Upper  
169 100  
168 66.4 54.1 81.1  
167 36.4 29.0 43.6

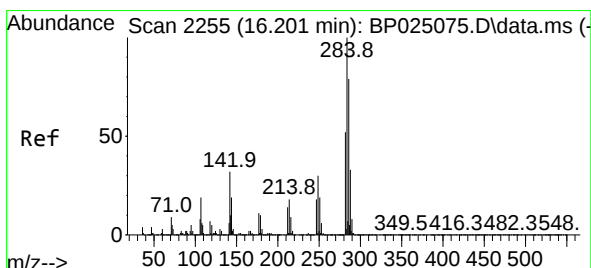
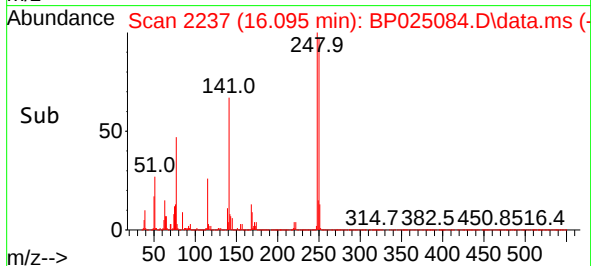
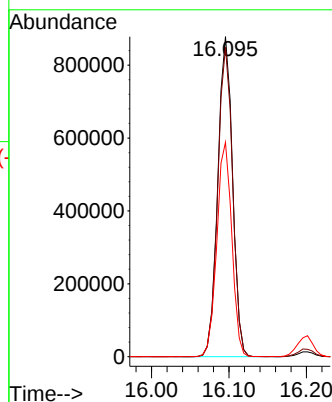
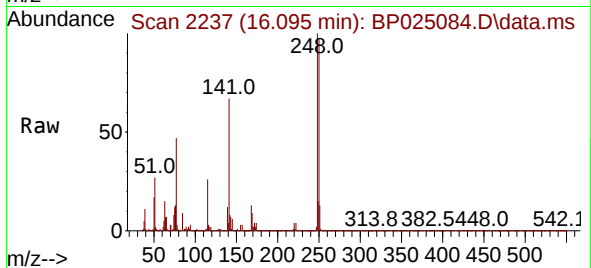




#67  
4-Bromophenyl-phenylether  
Concen: 51.488 ng  
RT: 16.095 min Scan# 2237  
Delta R.T. 0.000 min  
Lab File: BP025084.D  
Acq: 10 Jul 2025 15:30

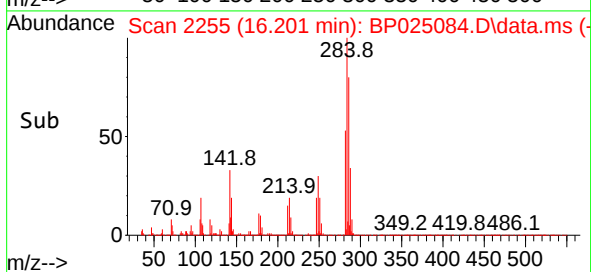
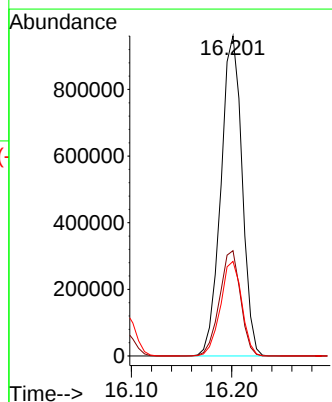
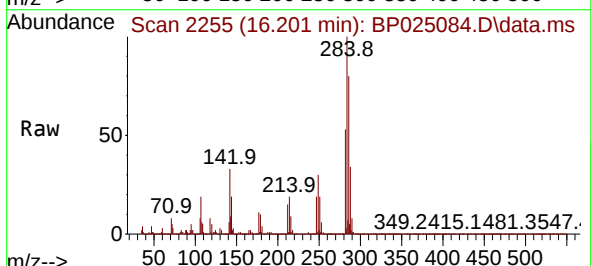
Instrument :  
BNA\_P  
ClientSampleId :  
PB168767BS

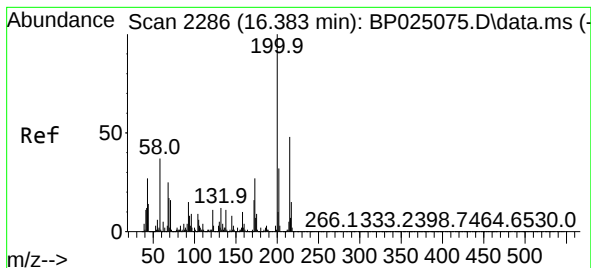
Tgt Ion:248 Resp: 1162551  
Ion Ratio Lower Upper  
248 100  
250 96.7 79.4 119.2  
141 67.0 51.4 77.0



#68  
Hexachlorobenzene  
Concen: 51.003 ng  
RT: 16.201 min Scan# 2255  
Delta R.T. 0.000 min  
Lab File: BP025084.D  
Acq: 10 Jul 2025 15:30

Tgt Ion:284 Resp: 1407568  
Ion Ratio Lower Upper  
284 100  
142 32.9 25.9 38.9  
249 29.6 23.8 35.8





#69

Atrazine

Concen: 63.141 ng

RT: 16.384 min Scan# 21

Delta R.T. 0.000 min

Lab File: BP025084.D

Acq: 10 Jul 2025 15:30

Instrument :

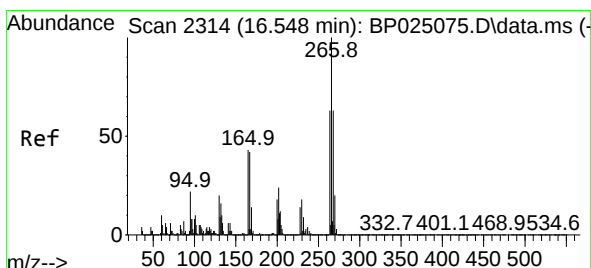
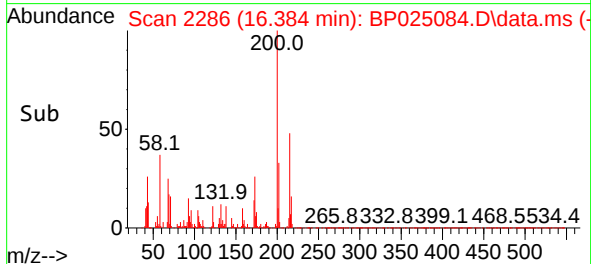
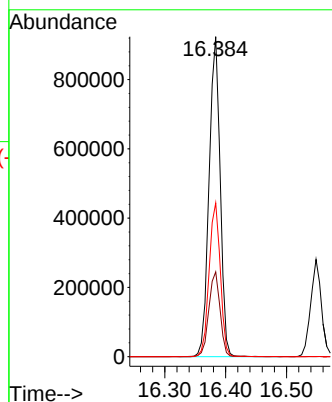
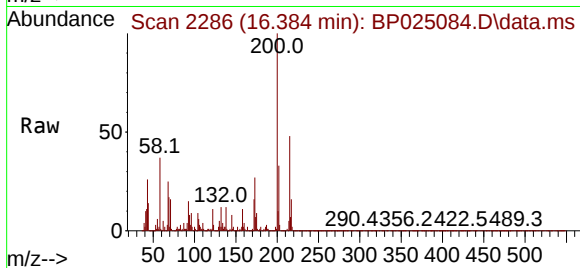
BNA\_P

ClientSampleId :

PB168767BS

Tgt Ion:200 Resp: 1167691

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 200 | 100   |       |       |
| 173 | 26.5  | 6.6   | 46.6  |
| 215 | 48.1  | 28.0  | 68.0  |



#70

Pentachlorophenol

Concen: 103.612 ng

RT: 16.548 min Scan# 2314

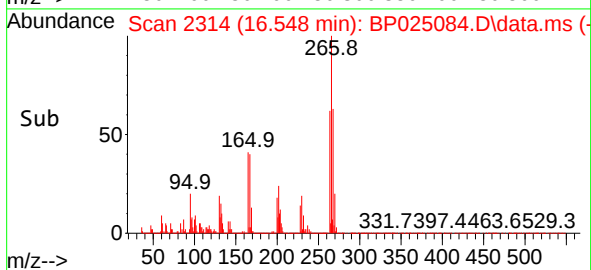
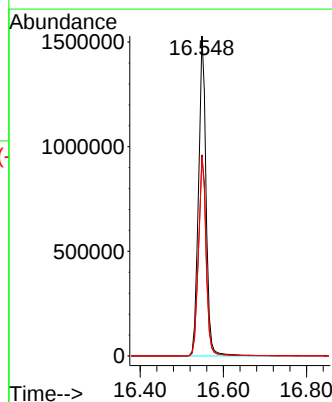
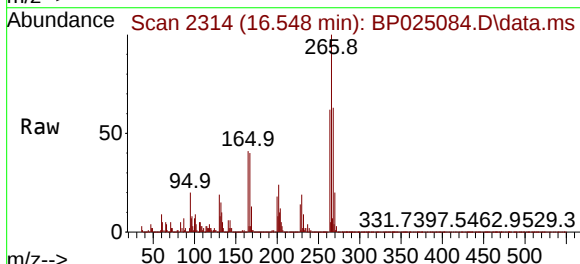
Delta R.T. 0.000 min

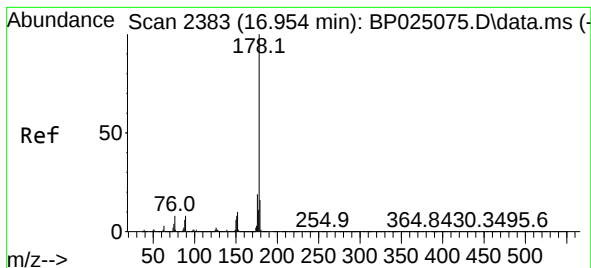
Lab File: BP025084.D

Acq: 10 Jul 2025 15:30

Tgt Ion:266 Resp: 1931158

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 266 | 100   |       |       |
| 268 | 62.9  | 50.4  | 75.6  |
| 264 | 62.2  | 50.2  | 75.2  |





#71

Phenanthrene

Concen: 49.813 ng

RT: 16.948 min Scan# 21

Delta R.T. -0.006 min

Lab File: BP025084.D

Acq: 10 Jul 2025 15:30

Instrument :

BNA\_P

ClientSampleId :

PB168767BS

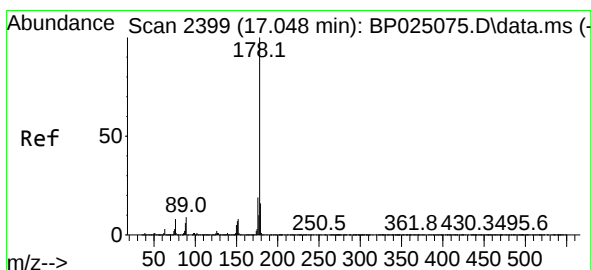
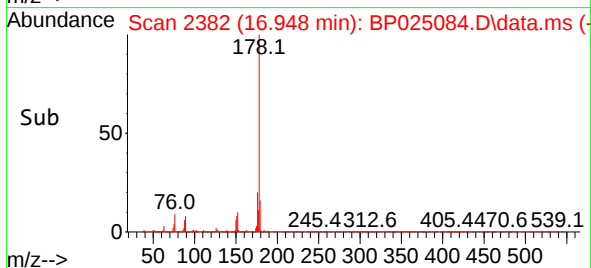
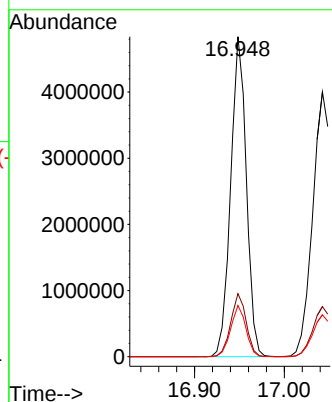
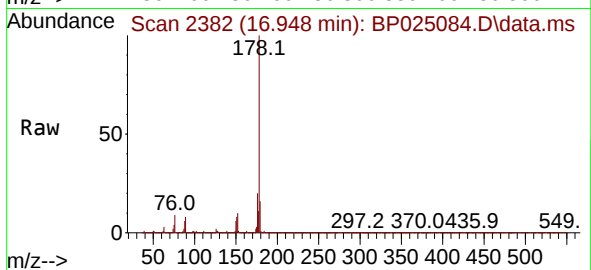
Tgt Ion:178 Resp: 5869673

Ion Ratio Lower Upper

178 100

176 19.7 15.4 23.2

179 16.0 12.6 19.0



#72

Anthracene

Concen: 53.160 ng

RT: 17.042 min Scan# 2398

Delta R.T. -0.006 min

Lab File: BP025084.D

Acq: 10 Jul 2025 15:30

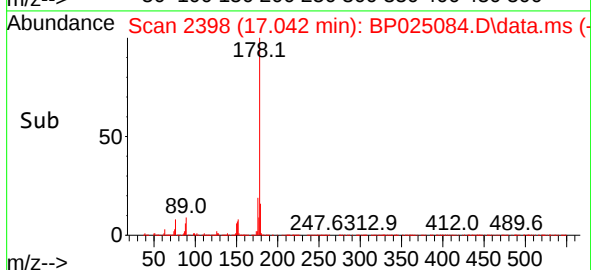
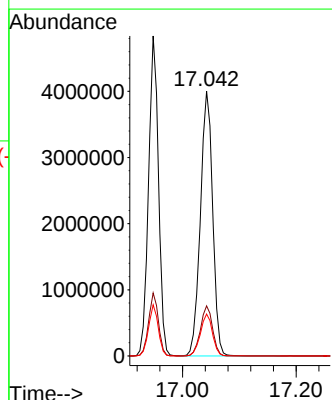
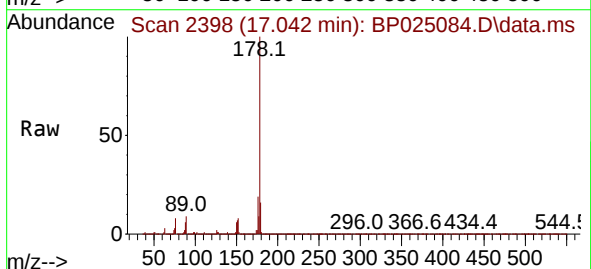
Tgt Ion:178 Resp: 6009578

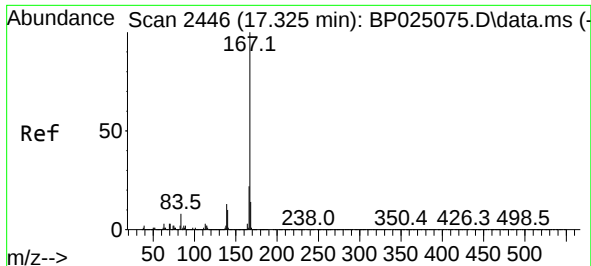
Ion Ratio Lower Upper

178 100

176 18.9 15.0 22.6

179 15.8 12.5 18.7

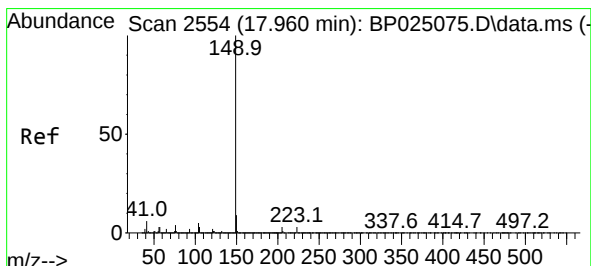
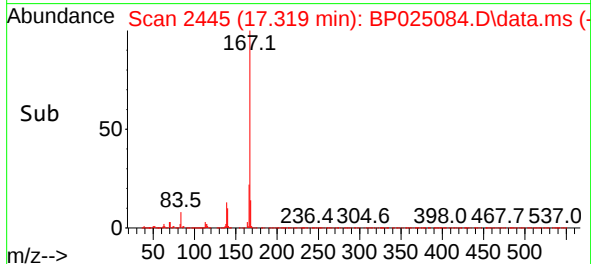
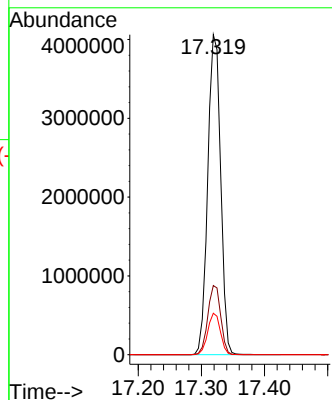
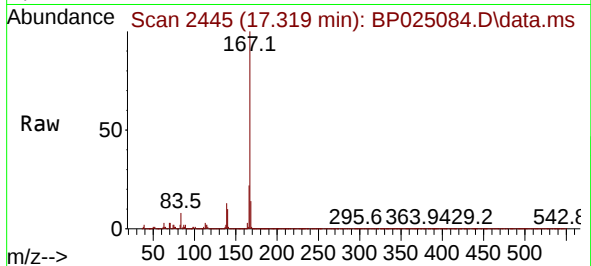




#73  
 Carbazole  
 Concen: 51.995 ng  
 RT: 17.319 min Scan# 2445  
 Delta R.T. -0.006 min  
 Lab File: BP025084.D  
 Acq: 10 Jul 2025 15:30

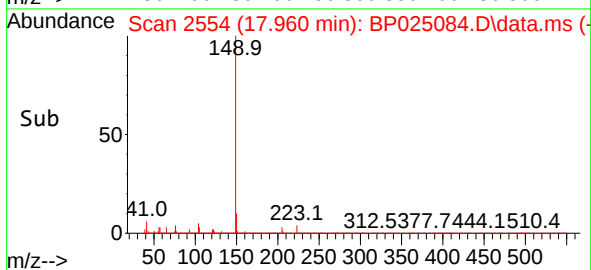
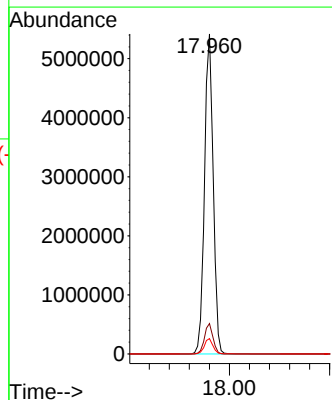
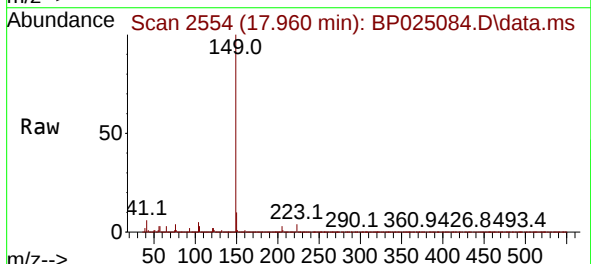
Instrument :  
 BNA\_P  
 ClientSampleId :  
 PB168767BS

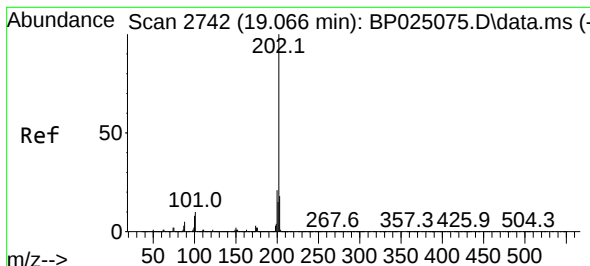
Tgt Ion:167 Resp: 5747053  
 Ion Ratio Lower Upper  
 167 100  
 166 21.6 17.4 26.0  
 139 12.9 10.4 15.6



#74  
 Di-n-butylphthalate  
 Concen: 53.028 ng  
 RT: 17.960 min Scan# 2554  
 Delta R.T. 0.000 min  
 Lab File: BP025084.D  
 Acq: 10 Jul 2025 15:30

Tgt Ion:149 Resp: 6527040  
 Ion Ratio Lower Upper  
 149 100  
 150 9.5 7.3 10.9  
 104 4.8 3.8 5.6





#75

Fluoranthene

Concen: 50.151 ng

RT: 19.060 min Scan# 21

Delta R.T. -0.006 min

Lab File: BP025084.D

Acq: 10 Jul 2025 15:30

Instrument :

BNA\_P

ClientSampleId :

PB168767BS

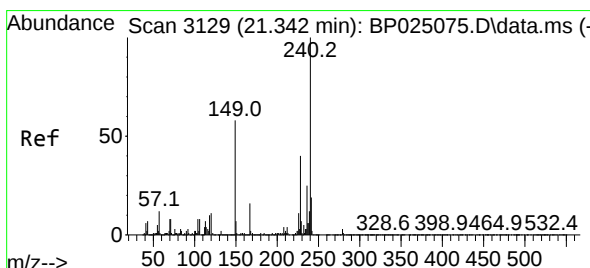
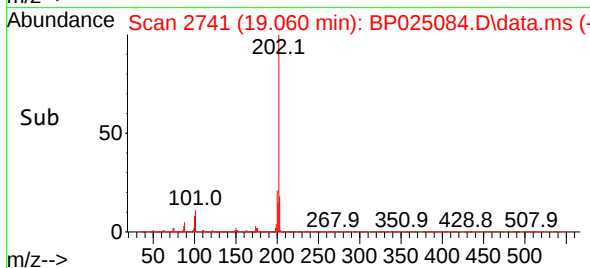
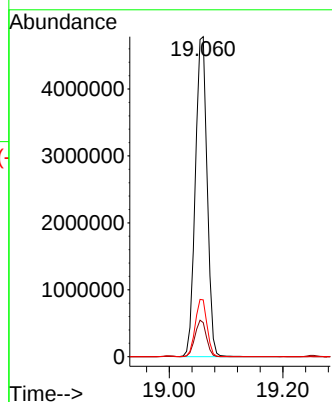
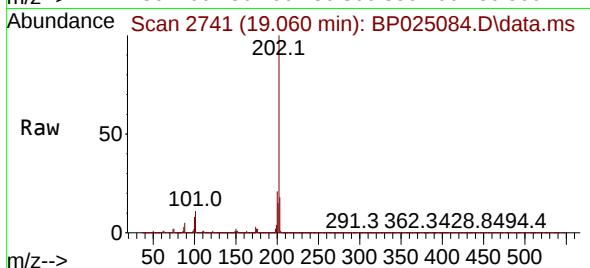
Tgt Ion:202 Resp: 6907625

Ion Ratio Lower Upper

202 100

101 10.6 0.0 30.4

203 17.7 0.0 37.6



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.354 min Scan# 3131

Delta R.T. 0.012 min

Lab File: BP025084.D

Acq: 10 Jul 2025 15:30

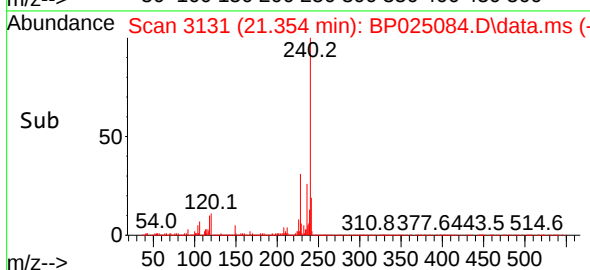
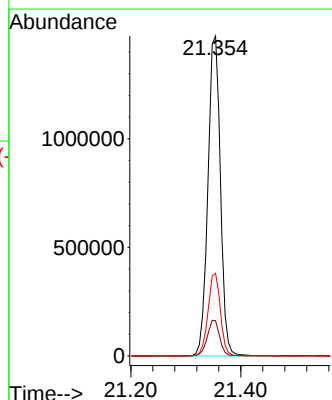
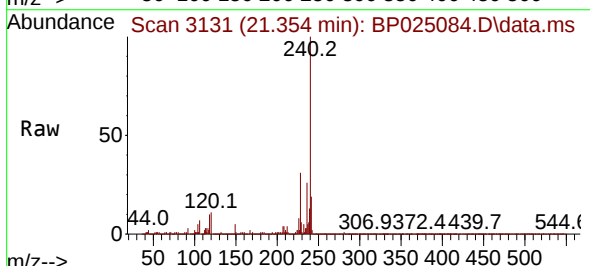
Tgt Ion:240 Resp: 2320390

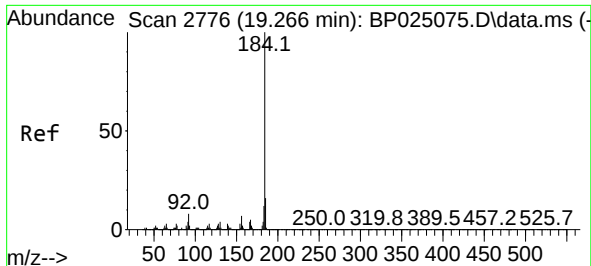
Ion Ratio Lower Upper

240 100

120 11.0 9.0 13.4

236 25.9 20.3 30.5

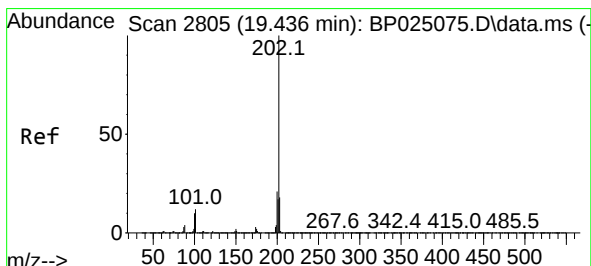
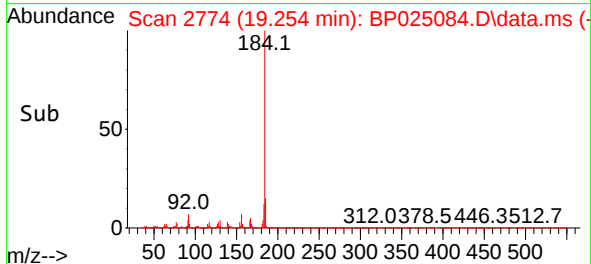
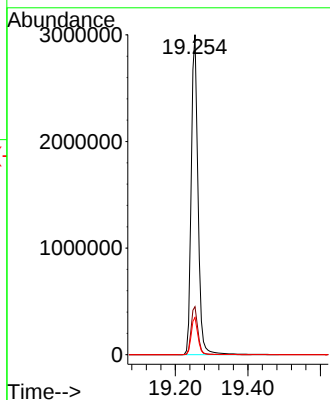
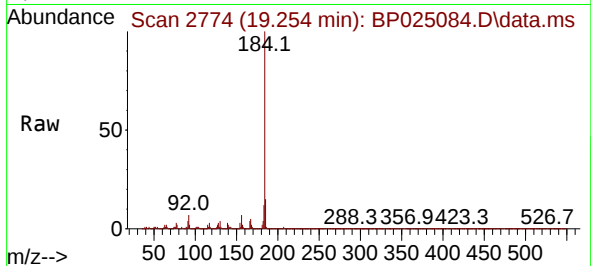




#77  
Benzidine  
Concen: 94.905 ng  
RT: 19.254 min Scan# 2774  
Delta R.T. -0.012 min  
Lab File: BP025084.D  
Acq: 10 Jul 2025 15:30

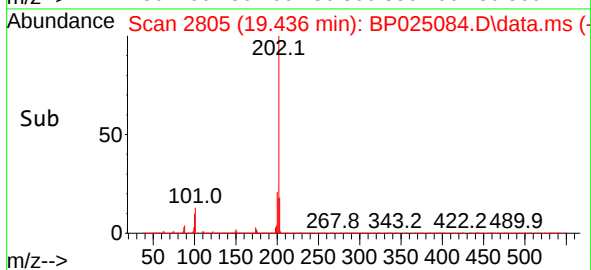
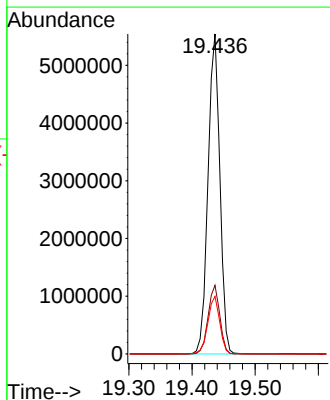
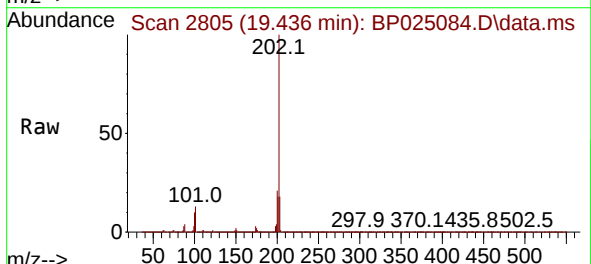
Instrument :  
BNA\_P  
ClientSampleId :  
PB168767BS

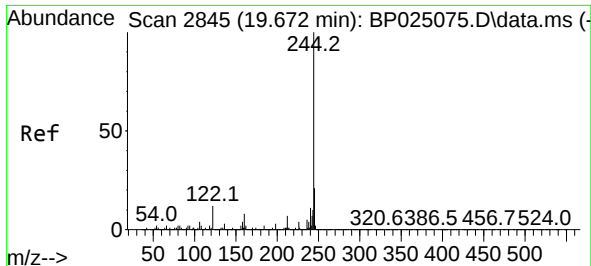
Tgt Ion:184 Resp: 3889346  
Ion Ratio Lower Upper  
184 100  
185 15.0 12.6 18.8  
183 11.7 9.4 14.2



#78  
Pyrene  
Concen: 50.232 ng  
RT: 19.436 min Scan# 2805  
Delta R.T. 0.000 min  
Lab File: BP025084.D  
Acq: 10 Jul 2025 15:30

Tgt Ion:202 Resp: 7219325  
Ion Ratio Lower Upper  
202 100  
200 21.4 17.1 25.7  
203 18.0 14.1 21.1

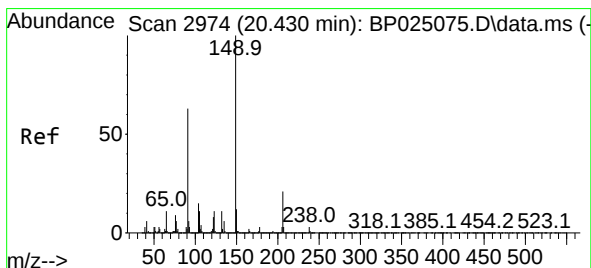
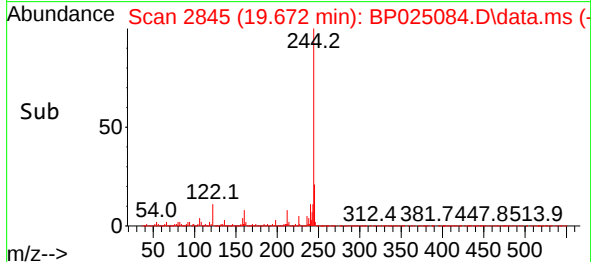
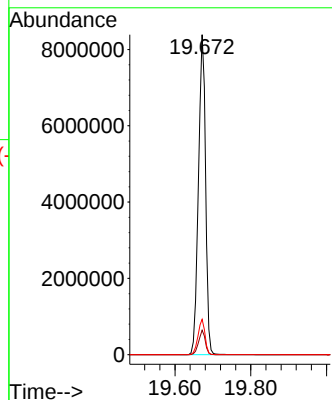
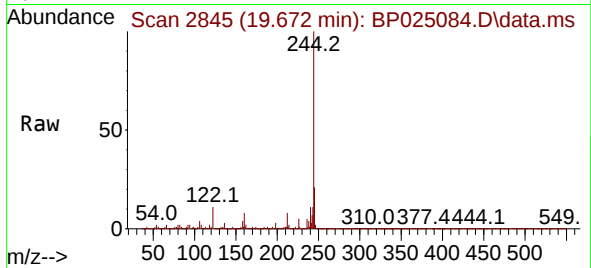




#79  
 Terphenyl-d14  
 Concen: 104.809 ng  
 RT: 19.672 min Scan# 2845  
 Delta R.T. 0.000 min  
 Lab File: BP025084.D  
 Acq: 10 Jul 2025 15:30

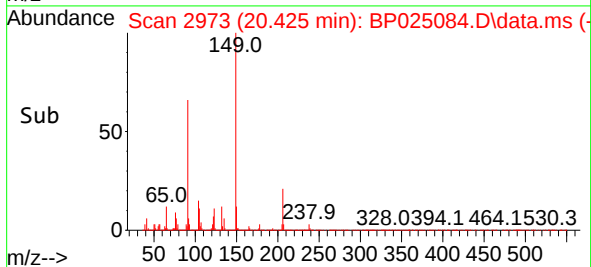
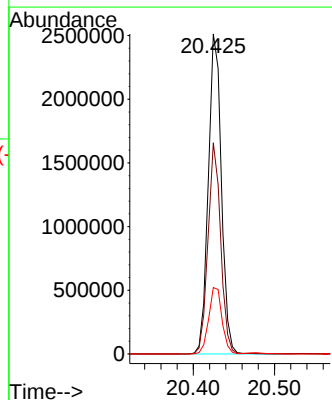
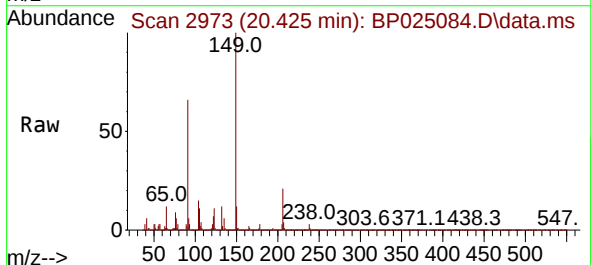
Instrument :  
 BNA\_P  
 ClientSampleId :  
 PB168767BS

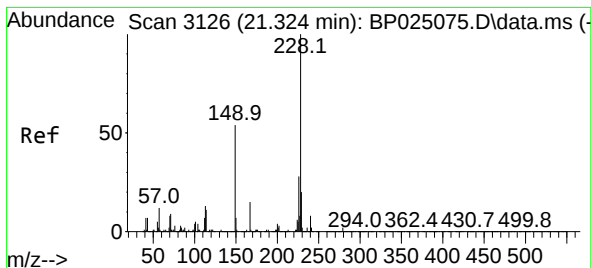
Tgt Ion:244 Resp:11065557  
 Ion Ratio Lower Upper  
 244 100  
 212 7.7 5.9 8.9  
 122 11.1 9.4 14.2



#80  
 Butylbenzylphthalate  
 Concen: 50.353 ng  
 RT: 20.425 min Scan# 2973  
 Delta R.T. -0.005 min  
 Lab File: BP025084.D  
 Acq: 10 Jul 2025 15:30

Tgt Ion:149 Resp: 2798969  
 Ion Ratio Lower Upper  
 149 100  
 91 66.0 50.6 76.0  
 206 20.7 17.2 25.8





#81

Benzo(a)anthracene

Concen: 51.463 ng

RT: 21.330 min Scan# 3115

Delta R.T. 0.006 min

Lab File: BP025084.D

Acq: 10 Jul 2025 15:30

Instrument :

BNA\_P

ClientSampleId :

PB168767BS

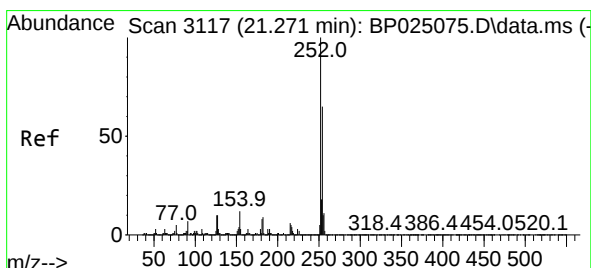
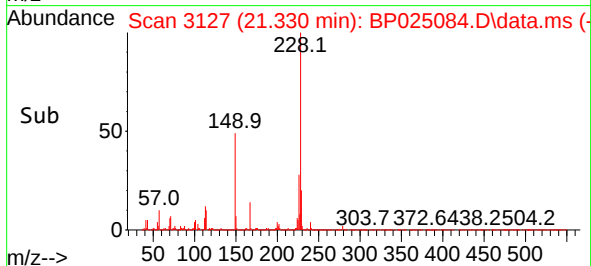
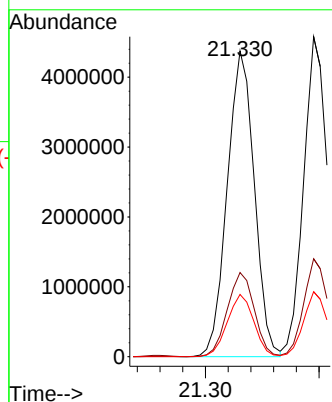
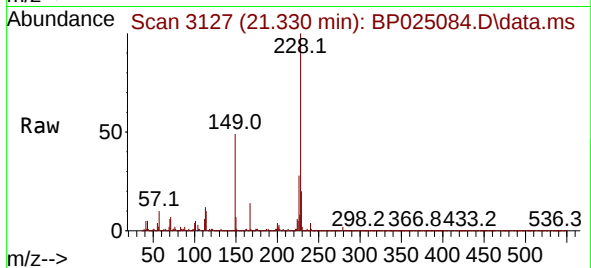
Tgt Ion:228 Resp: 7236650

Ion Ratio Lower Upper

228 100

226 27.5 22.1 33.1

229 20.3 16.0 24.0



#82

3,3'-Dichlorobenzidine

Concen: 39.959 ng

RT: 21.260 min Scan# 3115

Delta R.T. -0.012 min

Lab File: BP025084.D

Acq: 10 Jul 2025 15:30

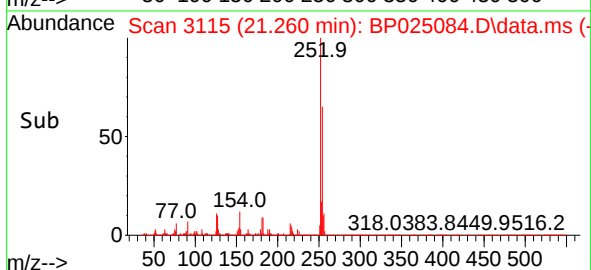
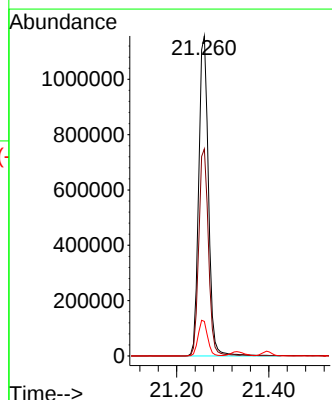
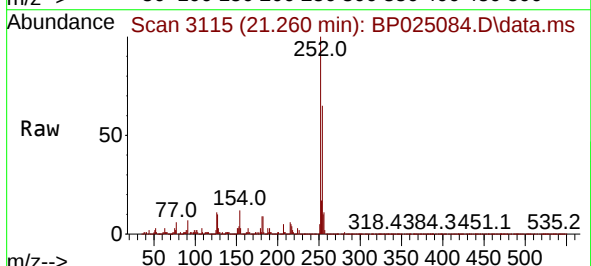
Tgt Ion:252 Resp: 1691514

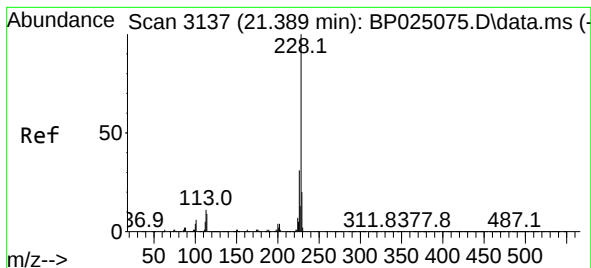
Ion Ratio Lower Upper

252 100

254 64.7 51.9 77.9

126 10.8 8.1 12.1





#83

Chrysene

Concen: 49.324 ng

RT: 21.395 min Scan# 3138

Delta R.T. 0.006 min

Lab File: BP025084.D

Acq: 10 Jul 2025 15:30

Instrument :

BNA\_P

ClientSampleId :

PB168767BS

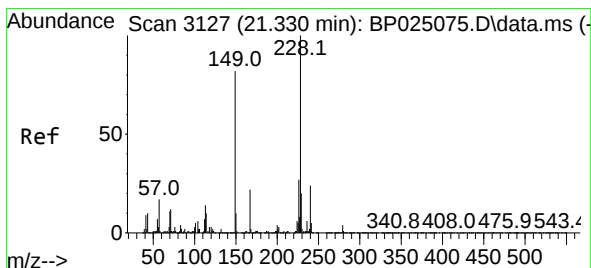
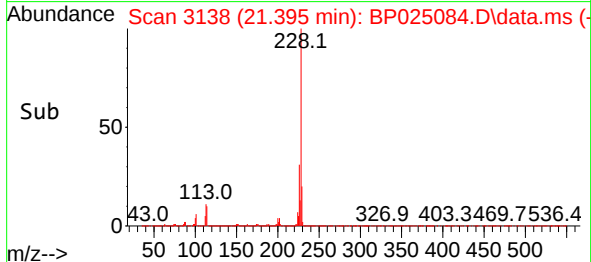
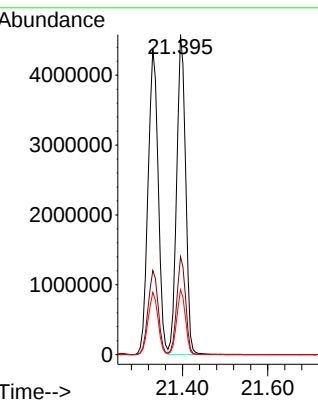
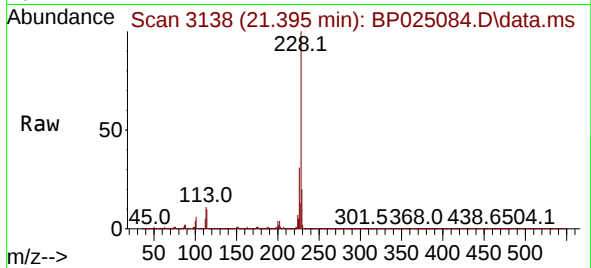
Tgt Ion:228 Resp: 6674669

Ion Ratio Lower Upper

228 100

226 30.6 24.4 36.6

229 20.3 16.0 24.0



#84

Bis(2-ethylhexyl)phthalate

Concen: 54.766 ng

RT: 21.325 min Scan# 3126

Delta R.T. -0.006 min

Lab File: BP025084.D

Acq: 10 Jul 2025 15:30

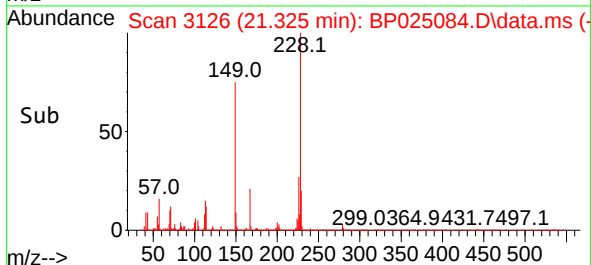
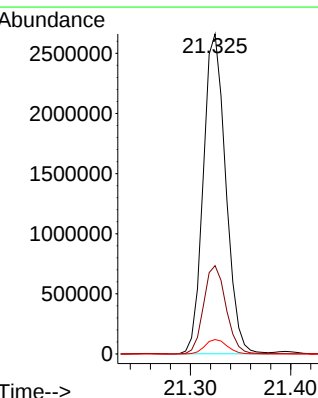
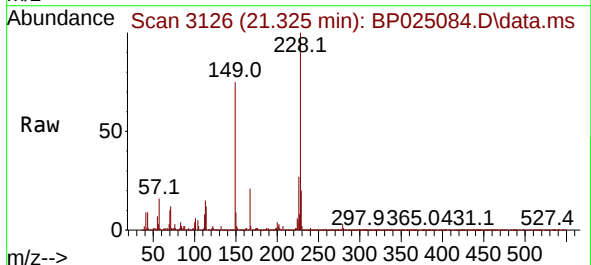
Tgt Ion:149 Resp: 4130780

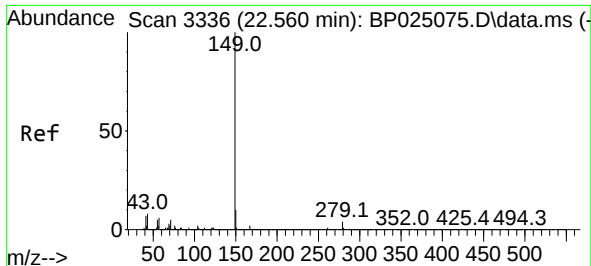
Ion Ratio Lower Upper

149 100

167 27.6 21.9 32.9

279 4.5 3.5 5.3

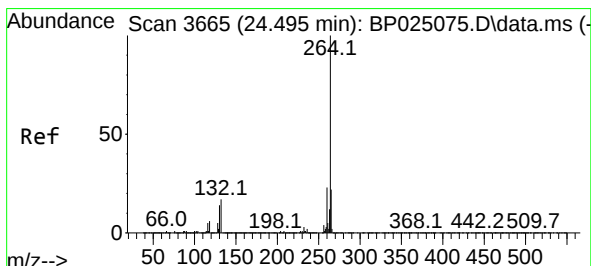
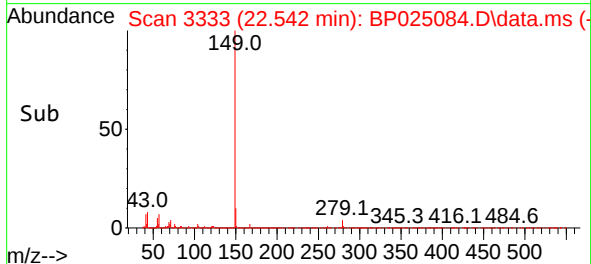
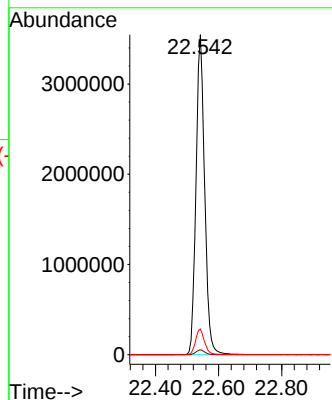
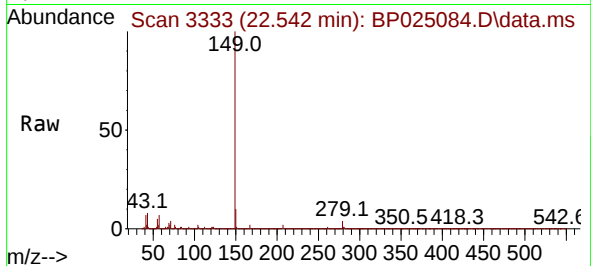




#85  
Di-n-octyl phthalate  
Concen: 48.625 ng  
RT: 22.542 min Scan# 31  
Delta R.T. -0.018 min  
Lab File: BP025084.D  
Acq: 10 Jul 2025 15:30

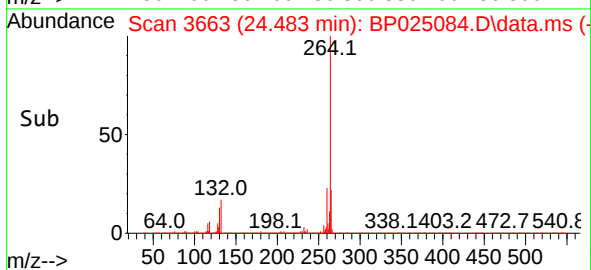
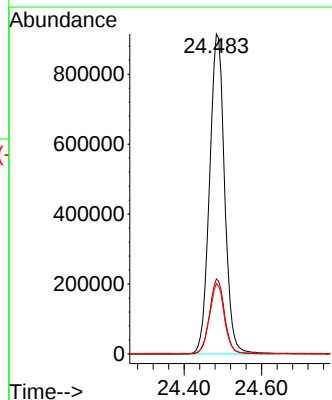
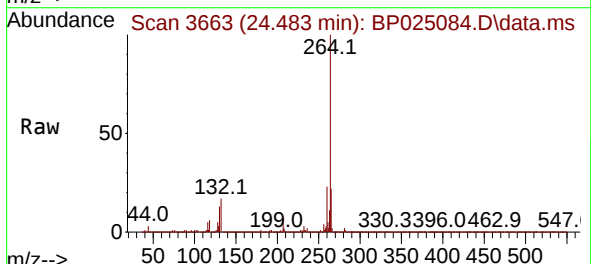
Instrument :  
BNA\_P  
ClientSampleId :  
PB168767BS

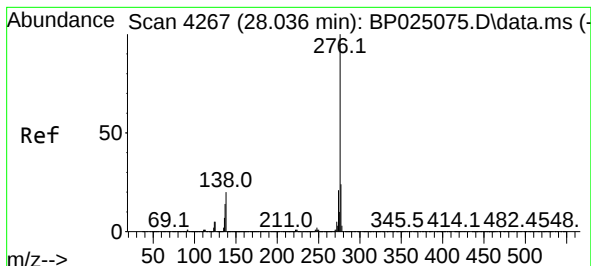
Tgt Ion:149 Resp: 6737637  
Ion Ratio Lower Upper  
149 100  
167 1.5 1.3 1.9  
43 8.3 6.9 10.3



#86  
Perylene-d12  
Concen: 20.000 ng  
RT: 24.483 min Scan# 3663  
Delta R.T. -0.012 min  
Lab File: BP025084.D  
Acq: 10 Jul 2025 15:30

Tgt Ion:264 Resp: 2463988  
Ion Ratio Lower Upper  
264 100  
260 23.5 18.6 28.0  
265 22.0 17.7 26.5





#87

Indeno(1,2,3-cd)pyrene

Concen: 45.685 ng

RT: 28.024 min Scan# 41

Delta R.T. -0.012 min

Lab File: BP025084.D

Acq: 10 Jul 2025 15:30

Instrument :

BNA\_P

ClientSampleId :

PB168767BS

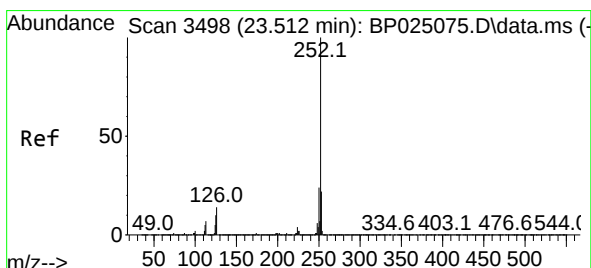
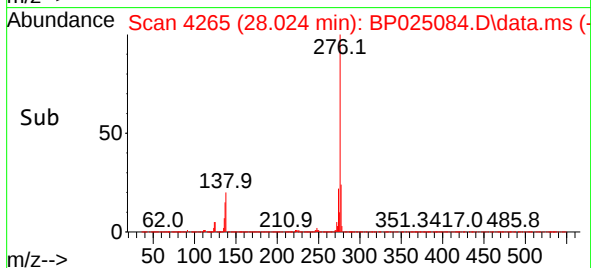
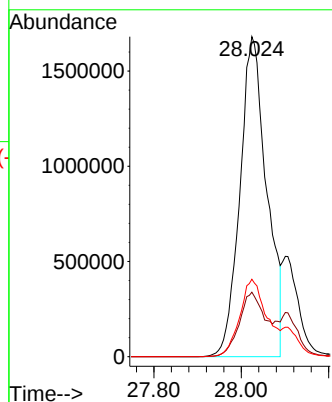
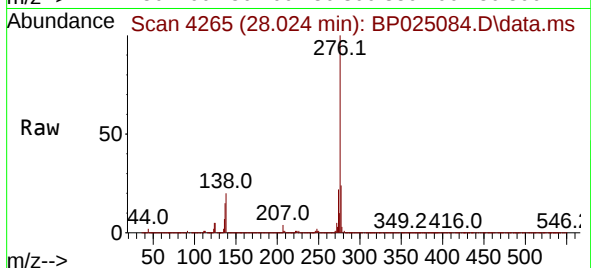
Tgt Ion:276 Resp: 7171191

Ion Ratio Lower Upper

276 100

138 19.3 13.0 19.6

277 24.5 15.9 23.9#



#88

Benzo(b)fluoranthene

Concen: 49.598 ng

RT: 23.495 min Scan# 3495

Delta R.T. -0.017 min

Lab File: BP025084.D

Acq: 10 Jul 2025 15:30

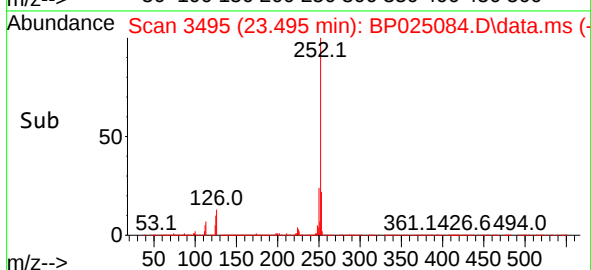
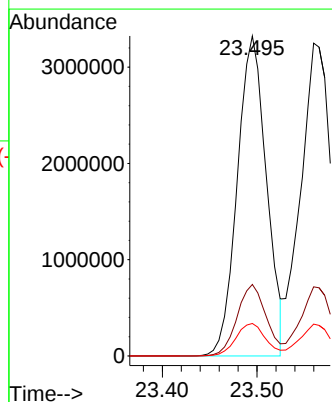
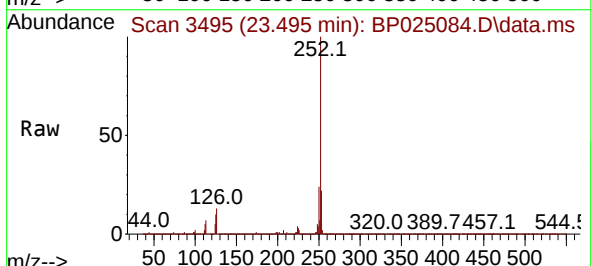
Tgt Ion:252 Resp: 7113206

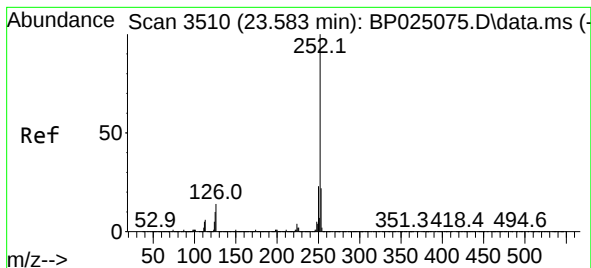
Ion Ratio Lower Upper

252 100

253 22.3 17.7 26.5

125 10.2 8.1 12.1





#89

Benzo(k)fluoranthene

Concen: 52.268 ng

RT: 23.560 min Scan# 31

Delta R.T. -0.023 min

Lab File: BP025084.D

Acq: 10 Jul 2025 15:30

Instrument :

BNA\_P

ClientSampleId :

PB168767BS

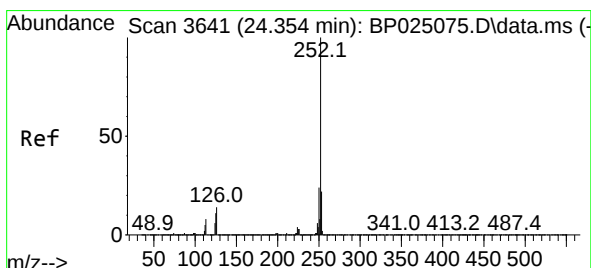
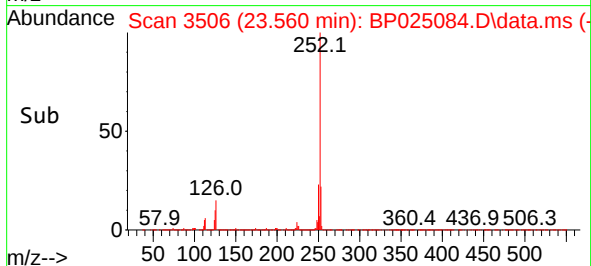
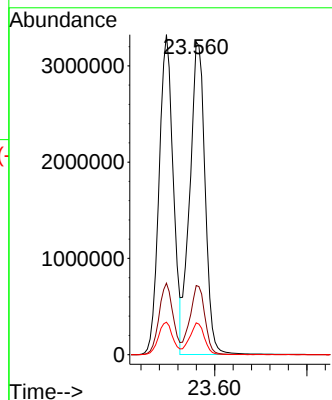
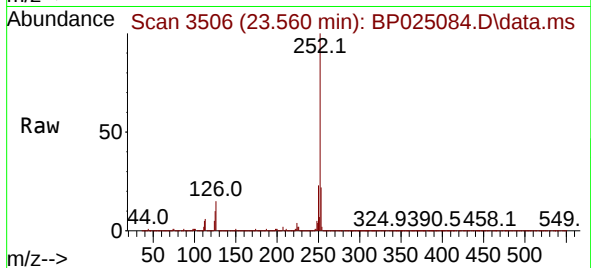
Tgt Ion:252 Resp: 7458645

Ion Ratio Lower Upper

252 100

253 22.1 17.7 26.5

125 10.2 8.2 12.2



#90

Benzo(a)pyrene

Concen: 56.410 ng

RT: 24.330 min Scan# 3637

Delta R.T. -0.023 min

Lab File: BP025084.D

Acq: 10 Jul 2025 15:30

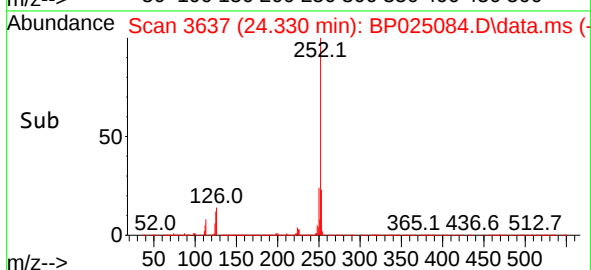
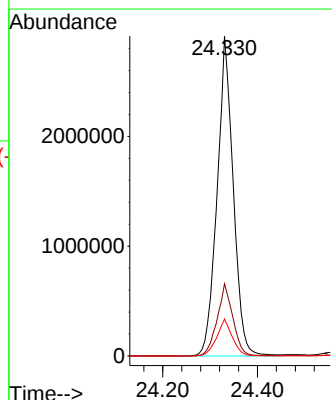
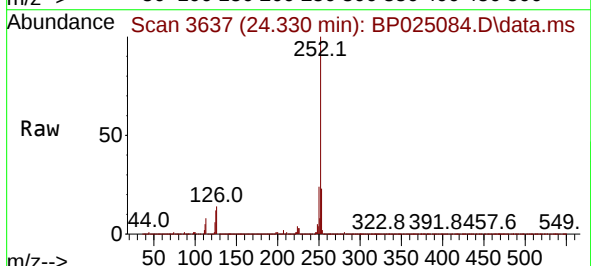
Tgt Ion:252 Resp: 6885544

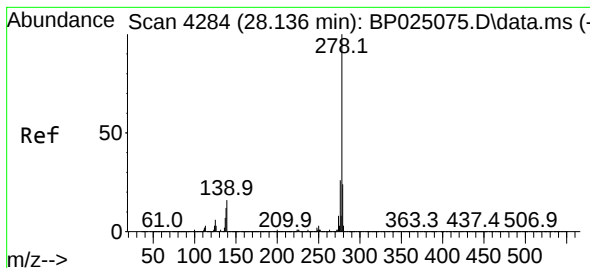
Ion Ratio Lower Upper

252 100

253 22.5 17.6 26.4

125 11.5 9.0 13.4





#91

Dibenzo(a,h)anthracene

Concen: 54.207 ng

RT: 28.107 min Scan# 41

Delta R.T. -0.029 min

Lab File: BP025084.D

Acq: 10 Jul 2025 15:30

Instrument :

BNA\_P

ClientSampleId :

PB168767BS

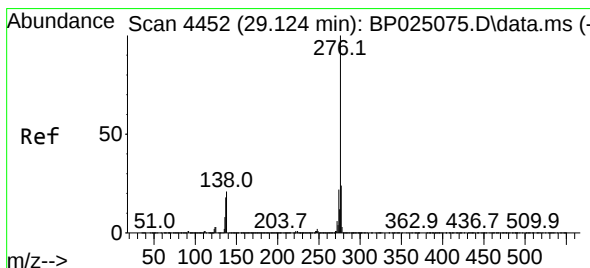
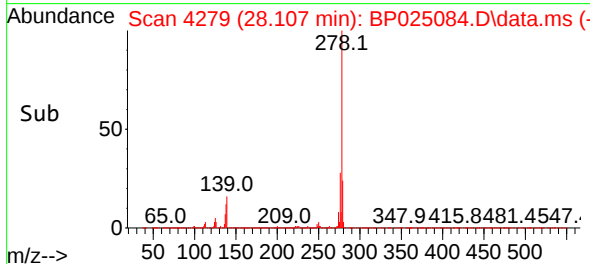
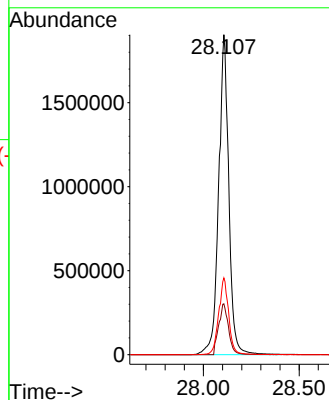
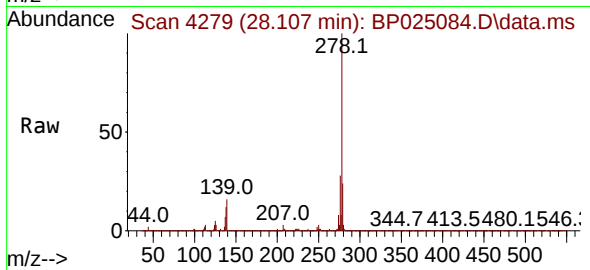
Tgt Ion:278 Resp: 7033453

Ion Ratio Lower Upper

278 100

139 15.9 13.1 19.7

279 24.0 18.9 28.3



#92

Benzo(g,h,i)perylene

Concen: 51.301 ng

RT: 29.118 min Scan# 4451

Delta R.T. -0.006 min

Lab File: BP025084.D

Acq: 10 Jul 2025 15:30

Tgt Ion:276 Resp: 6876188

Ion Ratio Lower Upper

276 100

277 23.7 19.3 28.9

138 21.3 16.9 25.3

