

Data Path : Z:\svoasrv\HPCHEM1\BNA\_P\Data\BP082025\  
 Data File : BP025520.D  
 Acq On : 20 Aug 2025 23:54  
 Operator : CG/JU  
 Sample : Q2819-17MS  
 Misc :  
 ALS Vial : 10 Sample Multiplier: 1

Instrument :  
 BNA\_P  
 ClientSampleId :

Quant Time: Aug 21 01:39:50 2025  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_P\Methods\8270E-BP081425.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Thu Aug 14 18:14:31 2025  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc    | Units | Dev(Min) |
|-------------------------------|--------|------|----------|---------|-------|----------|
| -----                         |        |      |          |         |       |          |
| Internal Standards            |        |      |          |         |       |          |
| 1) 1,4-Dichlorobenzene-d4     | 7.784  | 152  | 163086   | 20.000  | ng    | -0.01    |
| 21) Naphthalene-d8            | 10.554 | 136  | 635345   | 20.000  | ng    | 0.00     |
| 39) Acenaphthene-d10          | 14.407 | 164  | 403432   | 20.000  | ng    | 0.00     |
| 64) Phenanthrene-d10          | 17.213 | 188  | 837501   | 20.000  | ng    | 0.01     |
| 76) Chrysene-d12              | 21.648 | 240  | 894140   | 20.000  | ng    | 0.00     |
| 86) Perylene-d12              | 25.012 | 264  | 1028739  | 20.000  | ng    | -0.02    |
| System Monitoring Compounds   |        |      |          |         |       |          |
| 5) 2-Fluorophenol             | 5.408  | 112  | 989172   | 100.727 | ng    | 0.00     |
| 7) Phenol-d6                  | 6.966  | 99   | 1240787  | 98.550  | ng    | 0.00     |
| 23) Nitrobenzene-d5           | 8.925  | 82   | 804810   | 64.078  | ng    | -0.01    |
| 42) 2,4,6-Tribromophenol      | 15.919 | 330  | 543808   | 100.145 | ng    | 0.00     |
| 45) 2-Fluorobiphenyl          | 13.013 | 172  | 1679128  | 56.883  | ng    | 0.00     |
| 79) Terphenyl-d14             | 19.919 | 244  | 2776530  | 56.813  | ng    | 0.00     |
| Target Compounds              |        |      |          |         |       |          |
|                               |        |      |          |         |       | Qvalue   |
| 2) 1,4-Dioxane                | 3.331  | 88   | 158752   | 41.271  | ng    | 98       |
| 3) Pyridine                   | 3.725  | 79   | 424150   | 40.286  | ng    | 95       |
| 4) n-Nitrosodimethylamine     | 3.631  | 42   | 208103   | 47.944  | ng    | 93       |
| 6) Aniline                    | 7.119  | 93   | 566664   | 33.405  | ng    | 98       |
| 8) 2-Chlorophenol             | 7.360  | 128  | 507351   | 45.782  | ng    | 99       |
| 9) Benzaldehyde               | 6.937  | 77   | 241200   | 27.344  | ng    | 99       |
| 10) Phenol                    | 6.990  | 94   | 599139   | 45.350  | ng    | 96       |
| 11) bis(2-Chloroethyl)ether   | 7.213  | 93   | 449455   | 43.648  | ng    | 98       |
| 12) 1,3-Dichlorobenzene       | 7.678  | 146  | 540474   | 44.230  | ng    | 99       |
| 13) 1,4-Dichlorobenzene       | 7.819  | 146  | 551846   | 44.184  | ng    | 99       |
| 14) 1,2-Dichlorobenzene       | 8.137  | 146  | 529135   | 43.766  | ng    | 99       |
| 15) Benzyl Alcohol            | 8.019  | 79   | 445758   | 44.558  | ng    | 97       |
| 16) 2,2'-oxybis(1-Chloropr... | 8.302  | 45   | 614047   | 44.515  | ng    | 97       |
| 17) 2-Methylphenol            | 8.225  | 107  | 410870   | 44.779  | ng    | 97       |
| 18) Hexachloroethane          | 8.854  | 117  | 207815   | 45.254  | ng    | 99       |
| 19) n-Nitroso-di-n-propyla... | 8.578  | 70   | 342780   | 41.102  | ng    | 95       |
| 20) 3+4-Methylphenols         | 8.549  | 107  | 560181   | 44.044  | ng    | 97       |
| 22) Acetophenone              | 8.596  | 105  | 721397   | 45.276  | ng    | 98       |
| 24) Nitrobenzene              | 8.966  | 77   | 518939   | 46.231  | ng    | 98       |
| 25) Isophorone                | 9.496  | 82   | 977284   | 43.967  | ng    | 99       |
| 26) 2-Nitrophenol             | 9.672  | 139  | 268342   | 46.582  | ng    | 96       |
| 27) 2,4-Dimethylphenol        | 9.737  | 122  | 451118   | 45.537  | ng    | 97       |
| 28) bis(2-Chloroethoxy)met... | 9.966  | 93   | 598293   | 44.529  | ng    | 99       |
| 29) 2,4-Dichlorophenol        | 10.207 | 162  | 461305   | 46.875  | ng    | 98       |
| 30) 1,2,4-Trichlorobenzene    | 10.419 | 180  | 476140   | 44.136  | ng    | 100      |
| 31) Naphthalene               | 10.607 | 128  | 1465253  | 44.371  | ng    | 100      |
| 32) Benzoic acid              | 9.884  | 122  | 357969   | 48.944  | ng    | 97       |
| 33) 4-Chloroaniline           | 10.707 | 127  | 444888   | 30.500  | ng    | 99       |
| 34) Hexachlorobutadiene       | 10.895 | 225  | 307838   | 45.819  | ng    | 98       |
| 35) Caprolactam               | 11.495 | 113  | 166502   | 46.140  | ng    | 97       |
| 36) 4-Chloro-3-methylphenol   | 11.837 | 107  | 524543   | 46.451  | ng    | 96       |
| 37) 2-Methylnaphthalene       | 12.213 | 142  | 931072   | 43.326  | ng    | 99       |
| 38) 1-Methylnaphthalene       | 12.431 | 142  | 982511   | 42.991  | ng    | 99       |
| 40) 1,2,4,5-Tetrachloroben... | 12.584 | 216  | 529445   | 45.440  | ng    | 98       |
| 41) Hexachlorocyclopentadiene | 12.566 | 237  | 649355   | 92.264  | ng    | 99       |
| 43) 2,4,6-Trichlorophenol     | 12.825 | 196  | 376373   | 47.848  | ng    | 99       |

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 BNA\_P  
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Quant Time: Aug 21 01:39:50 2025  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_P\Methods\8270E-BP081425.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Thu Aug 14 18:14:31 2025  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc    | Units | Dev(Min) |
|-------------------------------|--------|------|----------|---------|-------|----------|
| 44) 2,4,5-Trichlorophenol     | 12.895 | 196  | 422835   | 49.047  | ng    | 99       |
| 46) 1,1'-Biphenyl             | 13.225 | 154  | 1330277  | 45.403  | ng    | 99       |
| 47) 2-Chloronaphthalene       | 13.266 | 162  | 1023704  | 44.881  | ng    | 99       |
| 48) 2-Nitroaniline            | 13.472 | 65   | 336748   | 50.668  | ng    | 96       |
| 49) Acenaphthylene            | 14.125 | 152  | 1737611  | 46.038  | ng    | 100      |
| 50) Dimethylphthalate         | 13.860 | 163  | 1350968  | 45.729  | ng    | 100      |
| 51) 2,6-Dinitrotoluene        | 13.966 | 165  | 303179   | 48.690  | ng    | 95       |
| 52) Acenaphthene              | 14.472 | 154  | 1000372  | 45.154  | ng    | 99       |
| 53) 3-Nitroaniline            | 14.295 | 138  | 250146   | 35.706  | ng    | 95       |
| 54) 2,4-Dinitrophenol         | 14.519 | 184  | 370066   | 111.289 | ng    | 97       |
| 55) Dibenzofuran              | 14.813 | 168  | 1576282  | 45.003  | ng    | 98       |
| 56) 4-Nitrophenol             | 14.625 | 139  | 587000   | 101.965 | ng    | 93       |
| 57) 2,4-Dinitrotoluene        | 14.772 | 165  | 448248   | 50.455  | ng    | 97       |
| 58) Fluorene                  | 15.472 | 166  | 1241069  | 44.904  | ng    | 99       |
| 59) 2,3,4,6-Tetrachlorophenol | 15.042 | 232  | 374029   | 49.135  | ng    | 99       |
| 60) Diethylphthalate          | 15.242 | 149  | 1397636  | 46.559  | ng    | 99       |
| 61) 4-Chlorophenyl-phenyle... | 15.466 | 204  | 608258   | 44.251  | ng    | 97       |
| 62) 4-Nitroaniline            | 15.483 | 138  | 343690   | 47.854  | ng    | 95       |
| 63) Azobenzene                | 15.760 | 77   | 1380940  | 53.725  | ng    | 98       |
| 65) 4,6-Dinitro-2-methylph... | 15.548 | 198  | 257102   | 49.248  | ng    | 93       |
| 66) n-Nitrosodiphenylamine    | 15.678 | 169  | 1129376  | 44.222  | ng    | 100      |
| 67) 4-Bromophenyl-phenylether | 16.372 | 248  | 406044   | 44.083  | ng    | 97       |
| 68) Hexachlorobenzene         | 16.495 | 284  | 473408   | 44.337  | ng    | 98       |
| 69) Atrazine                  | 16.654 | 200  | 449335   | 46.980  | ng    | 98       |
| 70) Pentachlorophenol         | 16.848 | 266  | 659972   | 97.917  | ng    | 97       |
| 71) Phenanthrene              | 17.248 | 178  | 2073388  | 45.067  | ng    | 100      |
| 72) Anthracene                | 17.336 | 178  | 2127785  | 45.289  | ng    | 100      |
| 73) Carbazole                 | 17.619 | 167  | 2076151  | 46.915  | ng    | 99       |
| 74) Di-n-butylphthalate       | 18.213 | 149  | 2628515  | 48.277  | ng    | 100      |
| 75) Fluoranthene              | 19.330 | 202  | 2523020  | 45.975  | ng    | 99       |
| 77) Benzidine                 | 19.519 | 184  | 1302891  | 42.697  | ng    | 99       |
| 78) Pyrene                    | 19.707 | 202  | 2624941  | 45.167  | ng    | 99       |
| 80) Butylbenzylphthalate      | 20.648 | 149  | 1275745  | 48.436  | ng    | 97       |
| 81) Benzo(a)anthracene        | 21.624 | 228  | 2770305  | 46.979  | ng    | 100      |
| 82) 3,3'-Dichlorobenzidine    | 21.536 | 252  | 727315   | 32.723  | ng    | 100      |
| 83) Chrysene                  | 21.695 | 228  | 2564073  | 46.430  | ng    | 99       |
| 84) Bis(2-ethylhexyl)phtha... | 21.560 | 149  | 1867112  | 48.156  | ng    | 100      |
| 85) Di-n-octyl phthalate      | 22.842 | 149  | 3279123  | 49.169  | ng    | 99       |
| 87) Indeno(1,2,3-cd)pyrene    | 28.836 | 276  | 2916461  | 38.657  | ng    | 93       |
| 88) Benzo(b)fluoranthene      | 23.930 | 252  | 2767890  | 45.628  | ng    | 99       |
| 89) Benzo(k)fluoranthene      | 24.007 | 252  | 2818197  | 46.426  | ng    | 99       |
| 90) Benzo(a)pyrene            | 24.854 | 252  | 2706532  | 45.835  | ng    | 99       |
| 91) Dibenzo(a,h)anthracene    | 28.936 | 278  | 2845641  | 46.156  | ng    | 97       |
| 92) Benzo(g,h,i)perylene      | 30.036 | 276  | 2827568  | 46.657  | ng    | 99       |

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

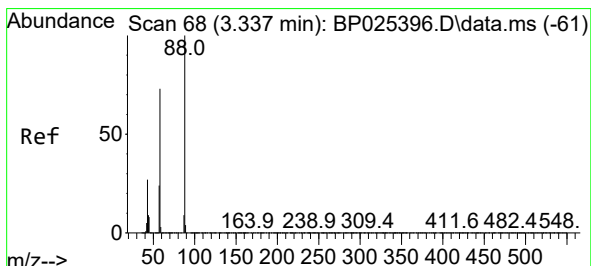
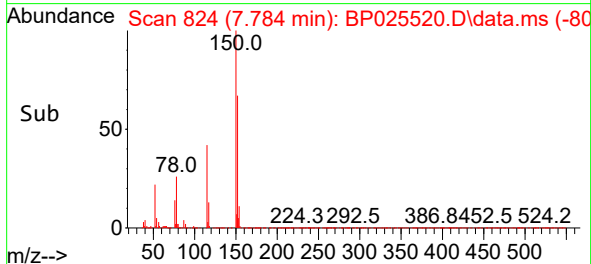
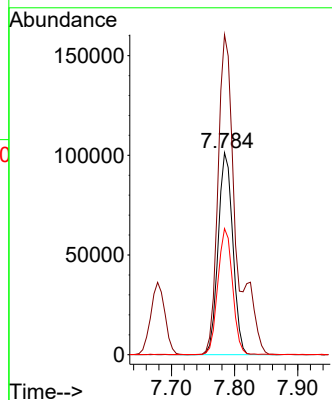
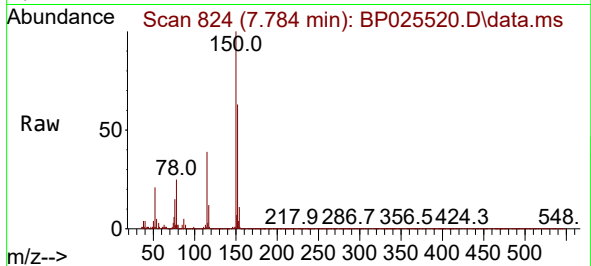




#1  
 1,4-Dichlorobenzene-d4  
 Concen: 20.000 ng  
 RT: 7.784 min Scan# 81  
 Delta R.T. -0.012 min  
 Lab File: BP025520.D  
 Acq: 20 Aug 2025 23:54

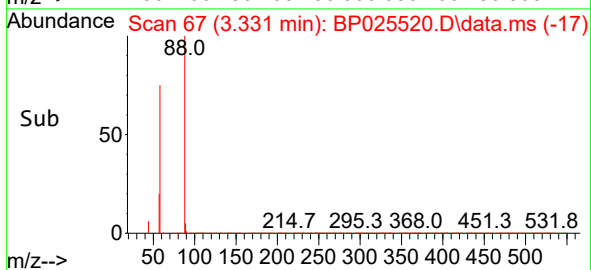
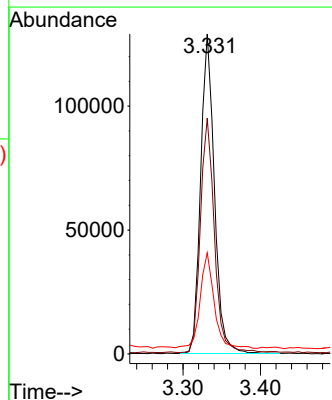
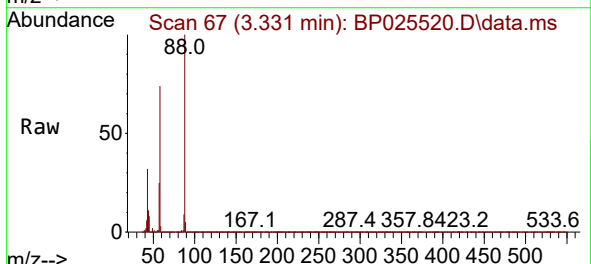
Instrument :  
 BNA\_P  
 ClientSampleId :

Tgt Ion:152 Resp: 163086  
 Ion Ratio Lower Upper  
 152 100  
 150 158.4 125.9 188.9  
 115 62.4 48.5 72.7



#2  
 1,4-Dioxane  
 Concen: 41.271 ng  
 RT: 3.331 min Scan# 67  
 Delta R.T. -0.006 min  
 Lab File: BP025520.D  
 Acq: 20 Aug 2025 23:54

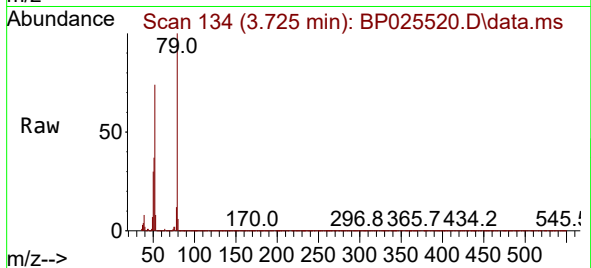
Tgt Ion: 88 Resp: 158752  
 Ion Ratio Lower Upper  
 88 100  
 58 74.8 59.2 88.8  
 43 30.3 21.7 32.5



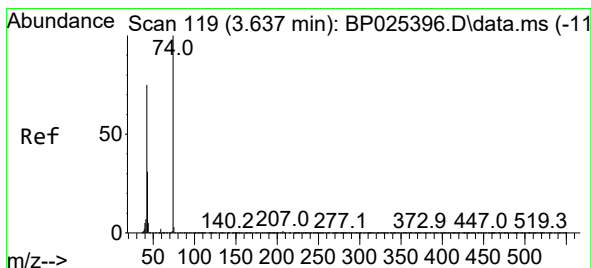
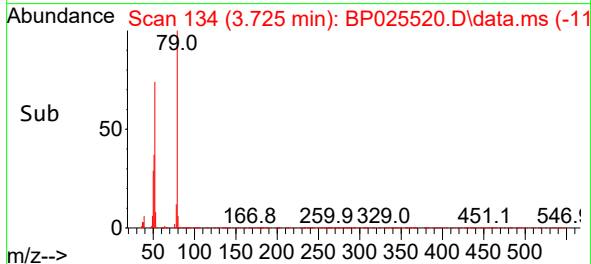
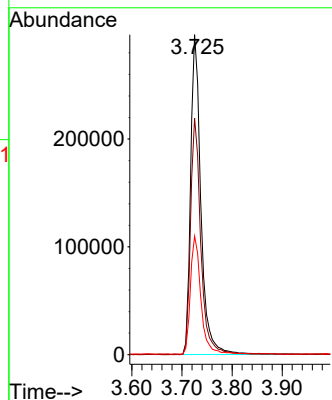


#3  
Pyridine  
Concen: 40.286 ng  
RT: 3.725 min Scan# 11  
Delta R.T. -0.006 min  
Lab File: BP025520.D  
Acq: 20 Aug 2025 23:54

Instrument :  
BNA\_P  
ClientSampleId :

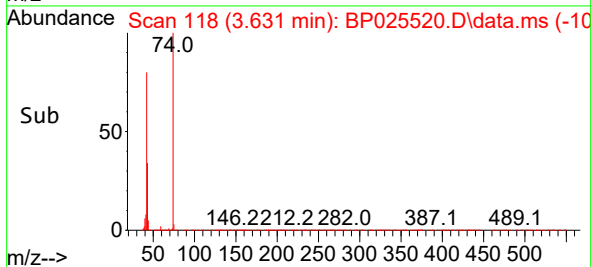
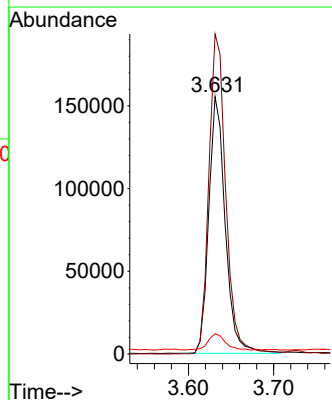
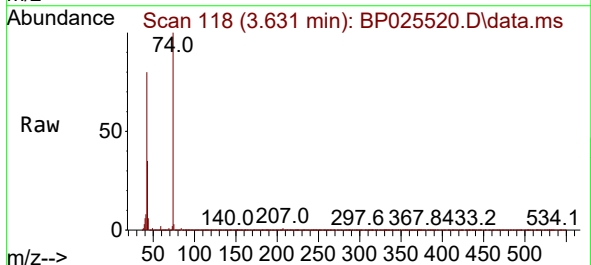


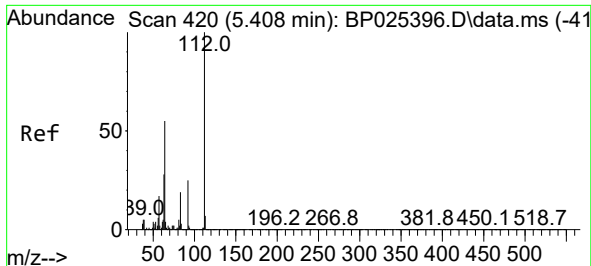
Tgt Ion: 79 Resp: 424150  
Ion Ratio Lower Upper  
79 100  
52 73.9 55.5 83.3  
51 37.1 28.3 42.5



#4  
n-Nitrosodimethylamine  
Concen: 47.944 ng  
RT: 3.631 min Scan# 118  
Delta R.T. -0.006 min  
Lab File: BP025520.D  
Acq: 20 Aug 2025 23:54

Tgt Ion: 42 Resp: 208103  
Ion Ratio Lower Upper  
42 100  
74 124.4 107.0 160.4  
44 7.9 6.2 9.4

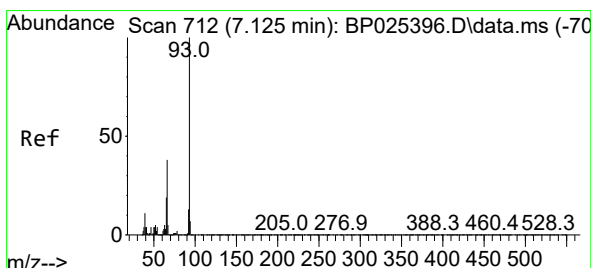
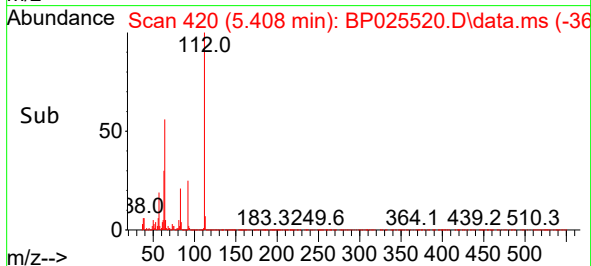
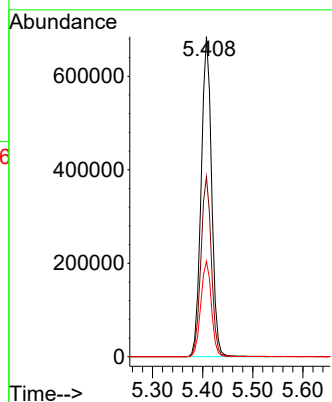
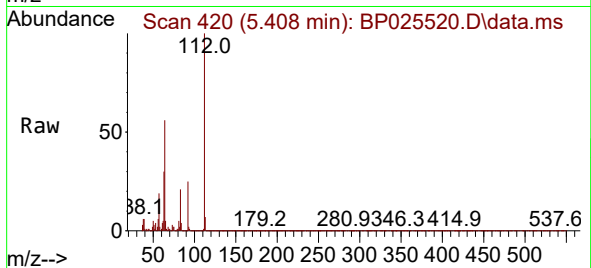




#5  
2-Fluorophenol  
Concen: 100.727 ng  
RT: 5.408 min Scan# 41  
Delta R.T. -0.000 min  
Lab File: BP025520.D  
Acq: 20 Aug 2025 23:54

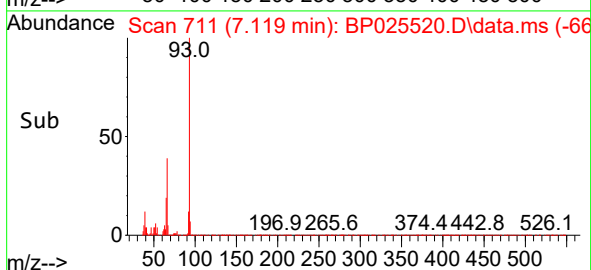
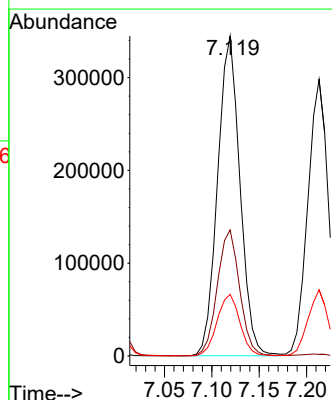
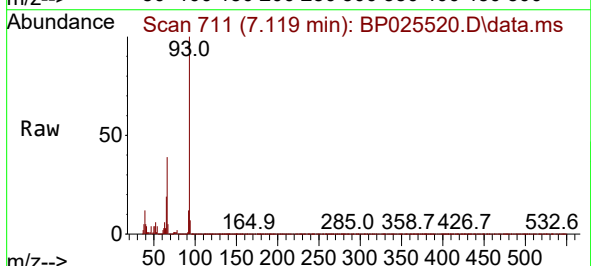
Instrument :  
BNA\_P  
ClientSampleId :

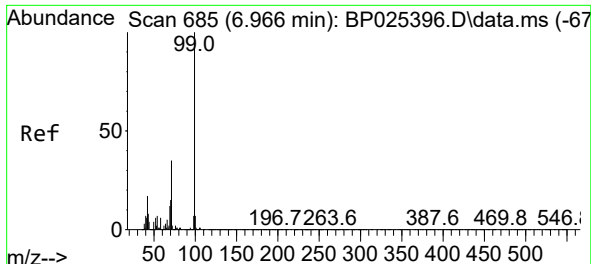
Tgt Ion:112 Resp: 989172  
Ion Ratio Lower Upper  
112 100  
64 56.2 43.8 65.8  
63 29.8 22.7 34.1



#6  
Aniline  
Concen: 33.405 ng  
RT: 7.119 min Scan# 711  
Delta R.T. -0.006 min  
Lab File: BP025520.D  
Acq: 20 Aug 2025 23:54

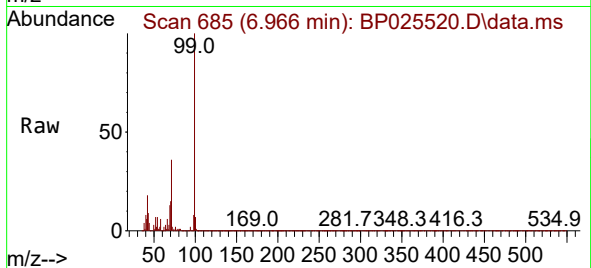
Tgt Ion: 93 Resp: 566664  
Ion Ratio Lower Upper  
93 100  
66 39.4 30.4 45.6  
65 19.2 15.3 22.9





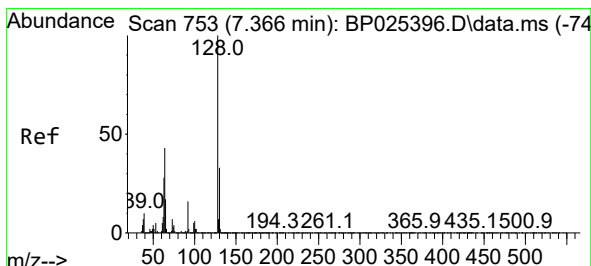
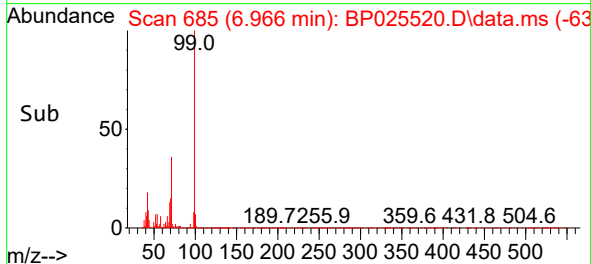
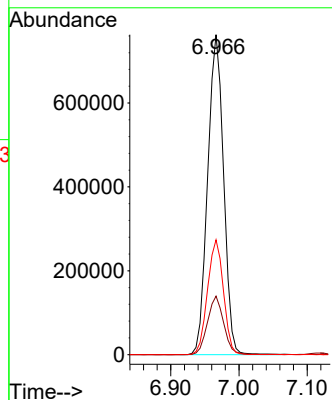
#7  
Phenol-d6  
Concen: 98.550 ng  
RT: 6.966 min Scan# 61  
Delta R.T. -0.000 min  
Lab File: BP025520.D  
Acq: 20 Aug 2025 23:54

Instrument :  
BNA\_P  
ClientSampleId :



Tgt Ion: 99 Resp: 1240787

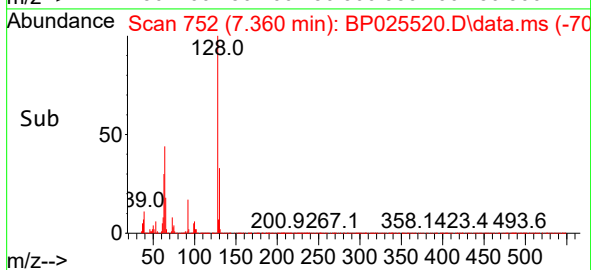
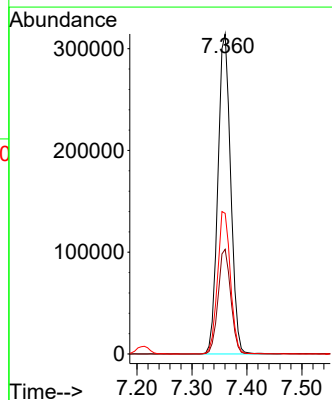
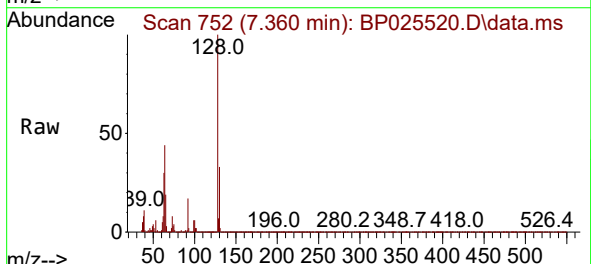
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 99  | 100   |       |       |
| 42  | 18.3  | 13.7  | 20.5  |
| 71  | 35.9  | 28.2  | 42.4  |

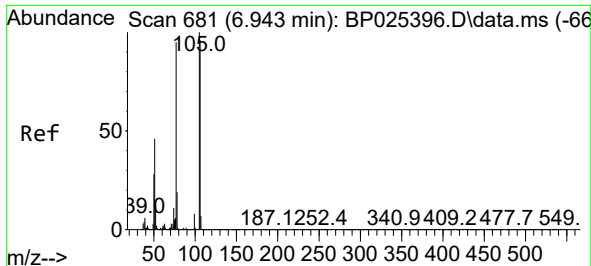


#8  
2-Chlorophenol  
Concen: 45.782 ng  
RT: 7.360 min Scan# 752  
Delta R.T. -0.006 min  
Lab File: BP025520.D  
Acq: 20 Aug 2025 23:54

Tgt Ion: 128 Resp: 507351

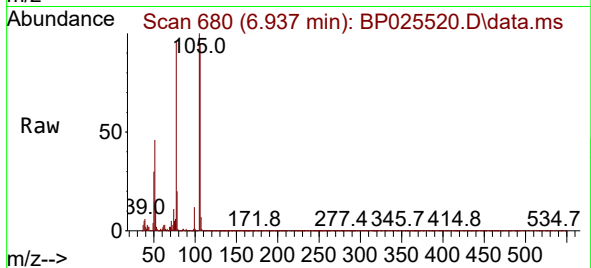
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 128 | 100   |       |       |
| 130 | 32.7  | 12.6  | 52.6  |
| 64  | 43.9  | 23.4  | 63.4  |



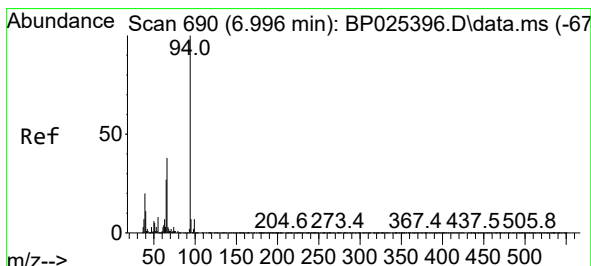
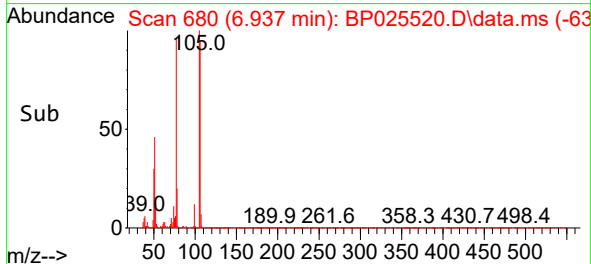
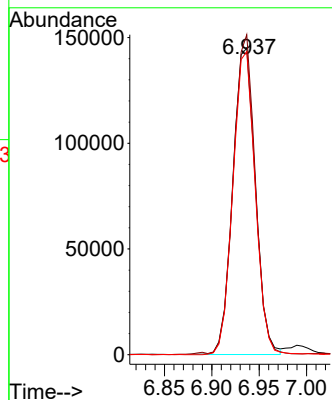


#9  
Benzaldehyde  
Concen: 27.344 ng  
RT: 6.937 min Scan# 681  
Delta R.T. -0.006 min  
Lab File: BP025520.D  
Acq: 20 Aug 2025 23:54

Instrument :  
BNA\_P  
ClientSampleId :

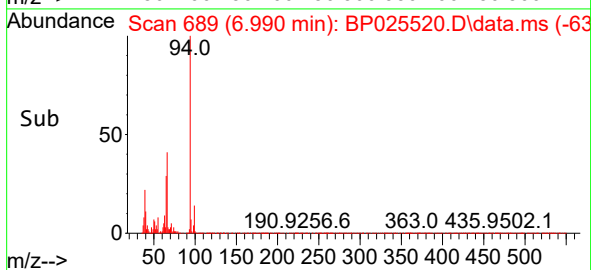
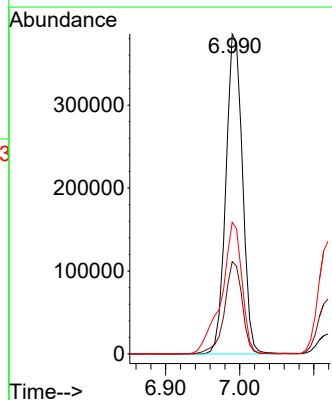
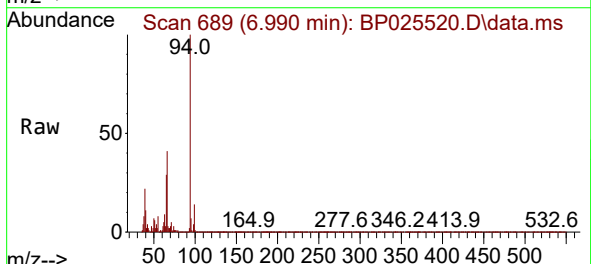


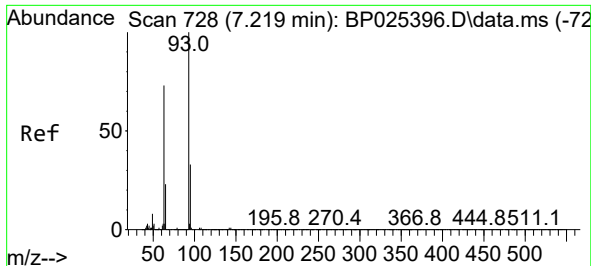
Tgt Ion: 77 Resp: 241200  
Ion Ratio Lower Upper  
77 100  
105 104.4 84.8 124.8  
106 98.9 80.5 120.5



#10  
Phenol  
Concen: 45.350 ng  
RT: 6.990 min Scan# 689  
Delta R.T. -0.006 min  
Lab File: BP025520.D  
Acq: 20 Aug 2025 23:54

Tgt Ion: 94 Resp: 599139  
Ion Ratio Lower Upper  
94 100  
65 28.8 6.8 46.8  
66 41.1 18.2 58.2

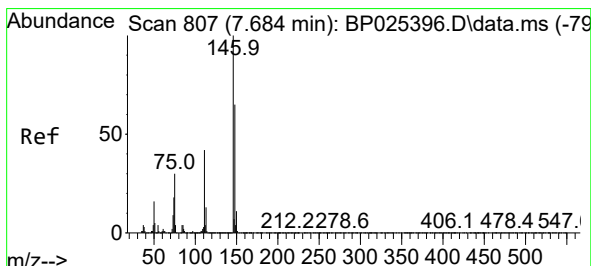
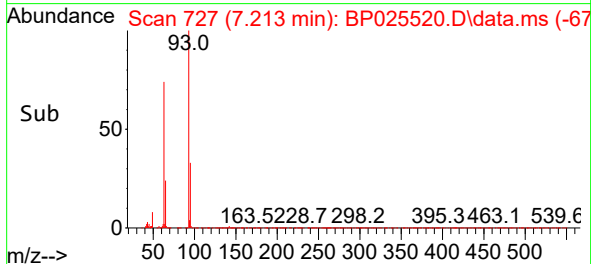
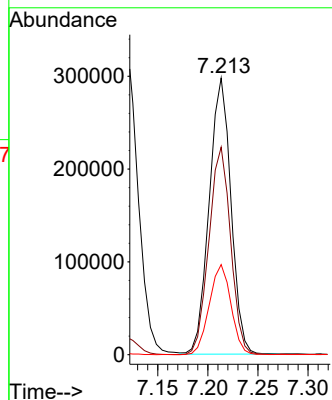
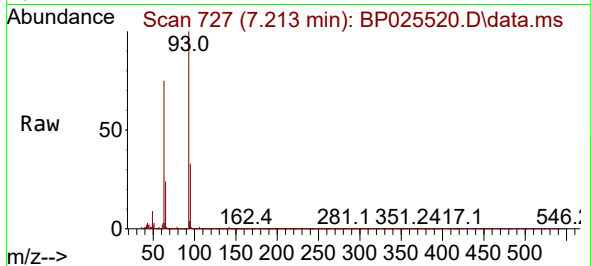




#11  
 bis(2-Chloroethyl)ether  
 Concen: 43.648 ng  
 RT: 7.213 min Scan# 71  
 Delta R.T. -0.006 min  
 Lab File: BP025520.D  
 Acq: 20 Aug 2025 23:54

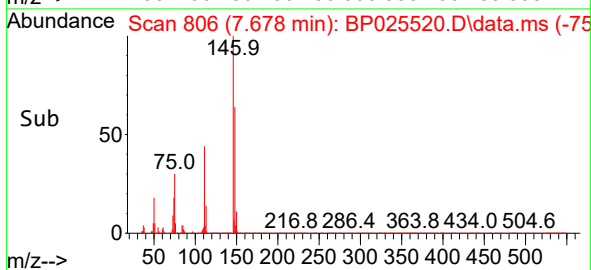
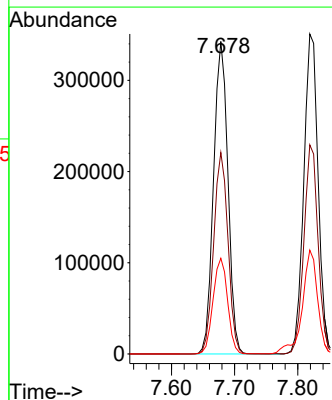
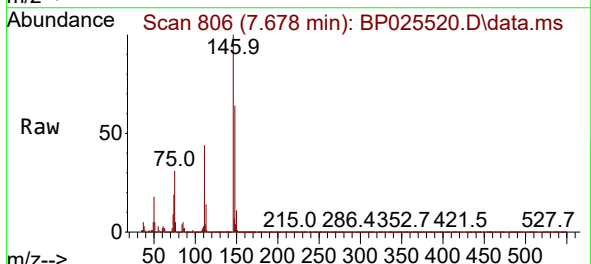
Instrument :  
 BNA\_P  
 ClientSampleId :

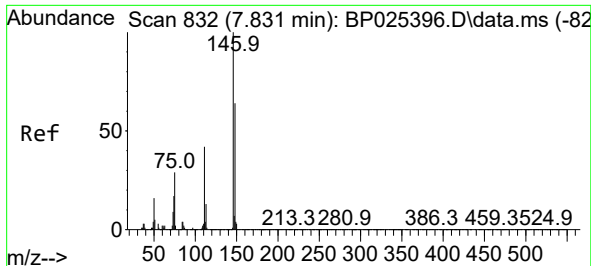
Tgt Ion: 93 Resp: 449455  
 Ion Ratio Lower Upper  
 93 100  
 63 75.0 52.6 92.6  
 95 32.6 12.7 52.7



#12  
 1,3-Dichlorobenzene  
 Concen: 44.230 ng  
 RT: 7.678 min Scan# 806  
 Delta R.T. -0.006 min  
 Lab File: BP025520.D  
 Acq: 20 Aug 2025 23:54

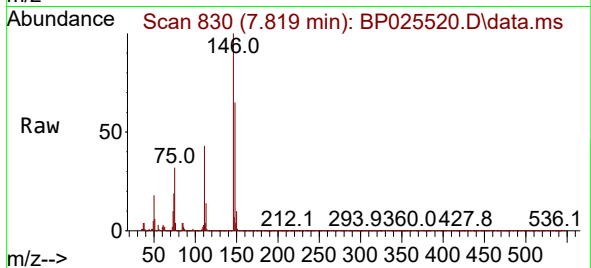
Tgt Ion: 146 Resp: 540474  
 Ion Ratio Lower Upper  
 146 100  
 148 64.5 51.9 77.9  
 75 30.6 23.7 35.5



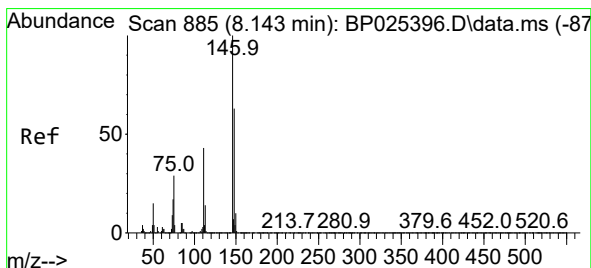
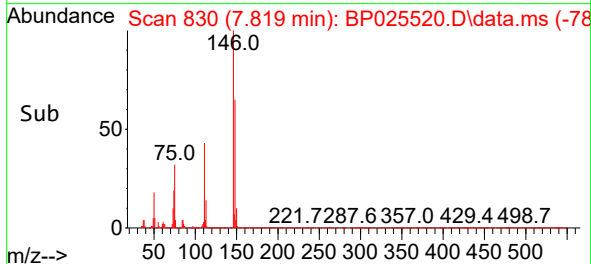
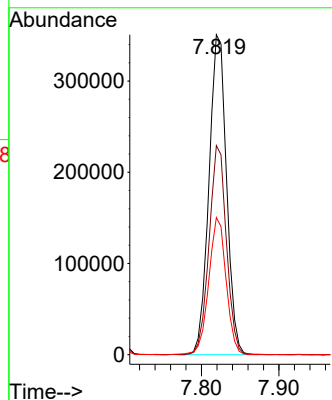


#13  
1,4-Dichlorobenzene  
Concen: 44.184 ng  
RT: 7.819 min Scan# 81  
Delta R.T. -0.012 min  
Lab File: BP025520.D  
Acq: 20 Aug 2025 23:54

Instrument :  
BNA\_P  
ClientSampleId :

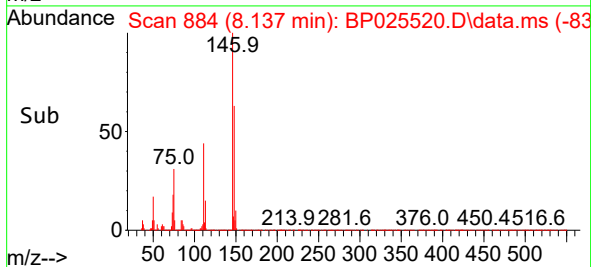
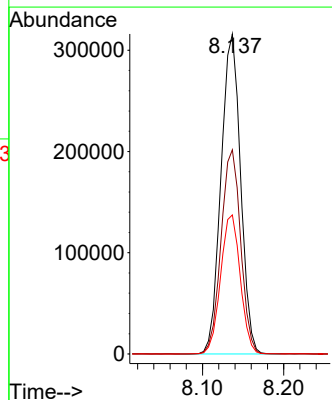
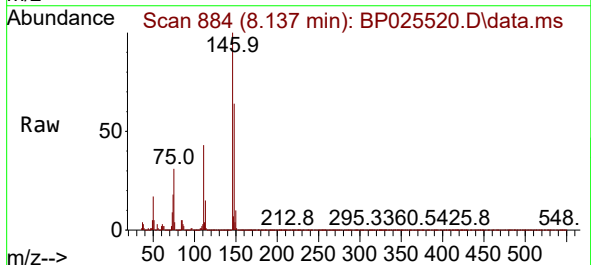


Tgt Ion:146 Resp: 551846  
Ion Ratio Lower Upper  
146 100  
148 65.3 51.6 77.4  
111 42.9 33.4 50.0



#14  
1,2-Dichlorobenzene  
Concen: 43.766 ng  
RT: 8.137 min Scan# 884  
Delta R.T. -0.006 min  
Lab File: BP025520.D  
Acq: 20 Aug 2025 23:54

Tgt Ion:146 Resp: 529135  
Ion Ratio Lower Upper  
146 100  
148 63.8 50.4 75.6  
111 43.5 34.5 51.7

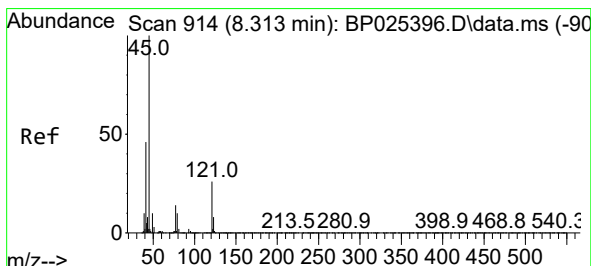
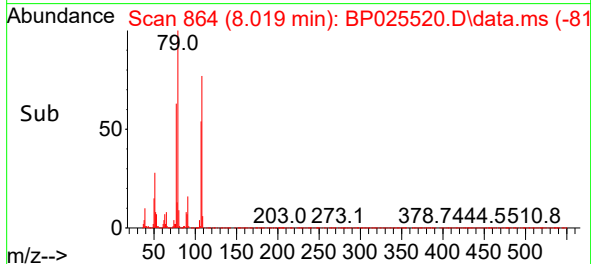
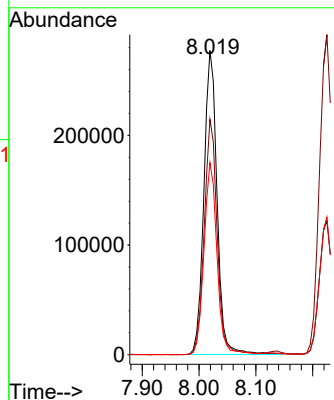
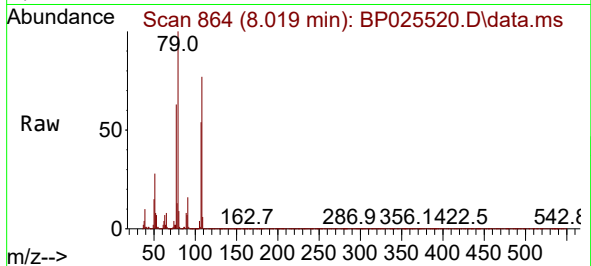




#15  
Benzyl Alcohol  
Concen: 44.558 ng  
RT: 8.019 min Scan# 801  
Delta R.T. -0.006 min  
Lab File: BP025520.D  
Acq: 20 Aug 2025 23:54

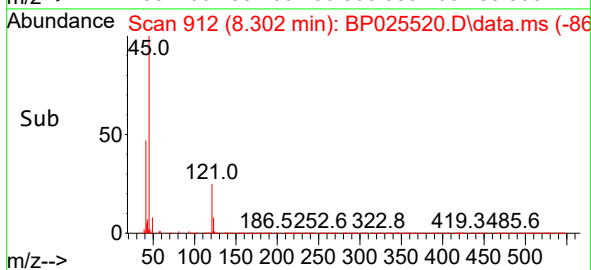
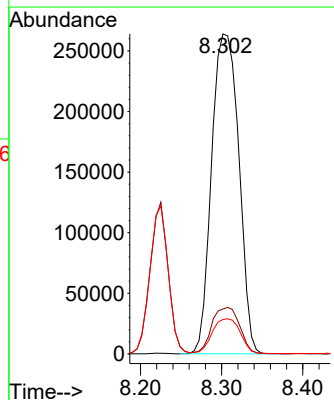
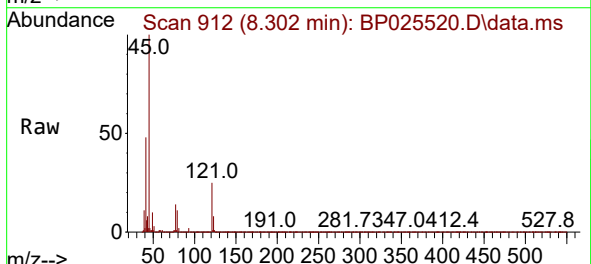
Instrument :  
BNA\_P  
ClientSampleId :

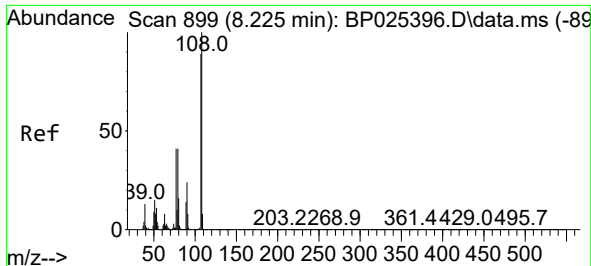
Tgt Ion: 79 Resp: 445758  
Ion Ratio Lower Upper  
79 100  
108 77.4 63.8 95.6  
77 63.1 49.0 73.4



#16  
2,2'-oxybis(1-Chloropropane)  
Concen: 44.515 ng  
RT: 8.302 min Scan# 912  
Delta R.T. -0.012 min  
Lab File: BP025520.D  
Acq: 20 Aug 2025 23:54

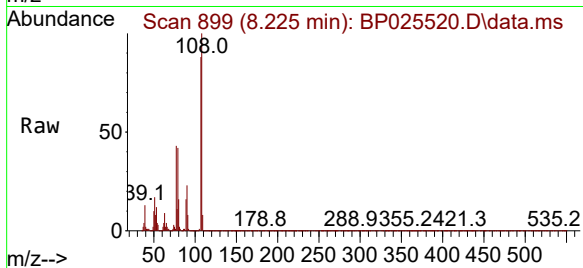
Tgt Ion: 45 Resp: 614047  
Ion Ratio Lower Upper  
45 100  
77 14.0 0.0 35.3  
79 10.8 0.0 31.8



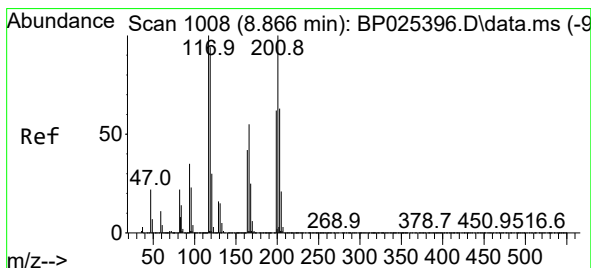
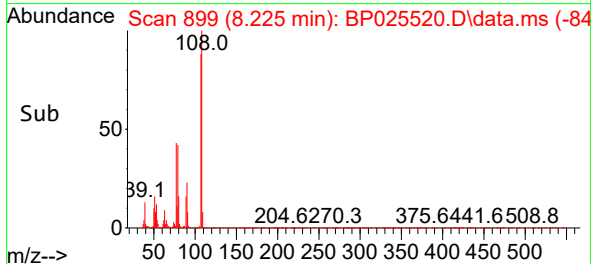
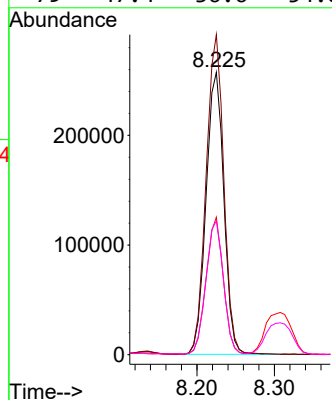


#17  
2-Methylphenol  
Concen: 44.779 ng  
RT: 8.225 min Scan# 899  
Delta R.T. -0.000 min  
Lab File: BP025520.D  
Acq: 20 Aug 2025 23:54

Instrument :  
BNA\_P  
ClientSampleId :

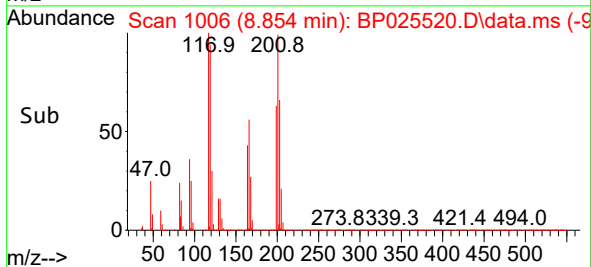
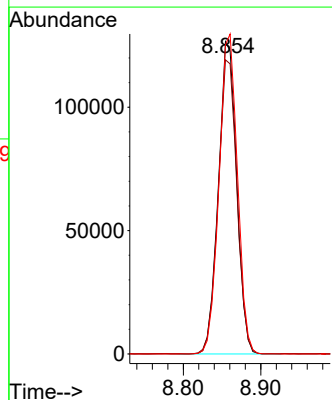
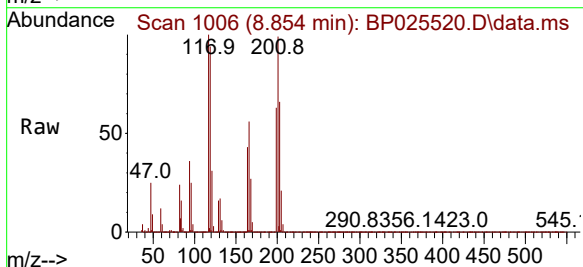


Tgt Ion:107 Resp: 410870  
Ion Ratio Lower Upper  
107 100  
108 113.3 89.4 134.0  
77 48.7 36.3 54.5  
79 47.4 36.6 54.8



#18  
Hexachloroethane  
Concen: 45.254 ng  
RT: 8.854 min Scan# 1006  
Delta R.T. -0.012 min  
Lab File: BP025520.D  
Acq: 20 Aug 2025 23:54

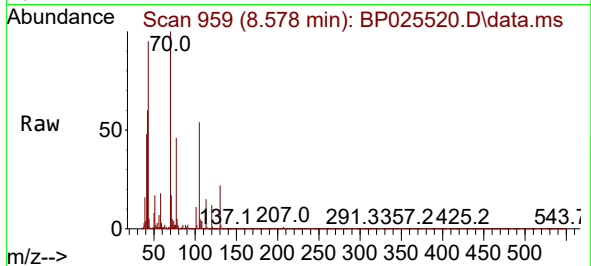
Tgt Ion:117 Resp: 207815  
Ion Ratio Lower Upper  
117 100  
119 94.2 75.1 112.7  
201 99.0 80.1 120.1



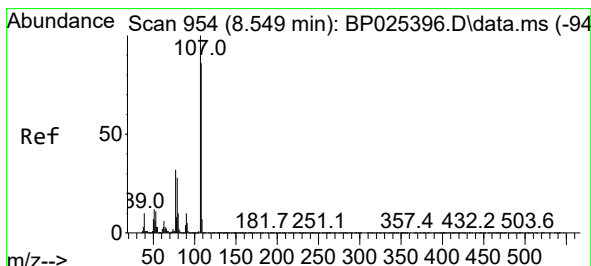
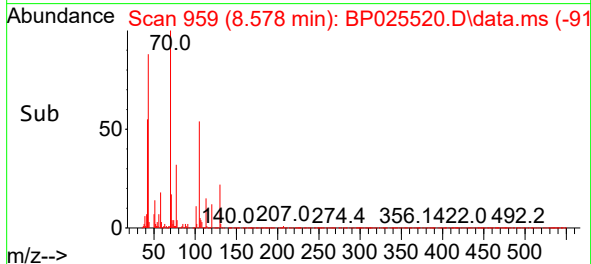
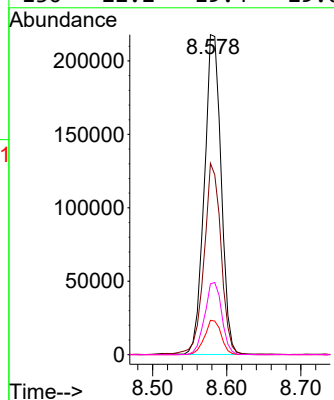


#19  
n-Nitroso-di-n-propylamine  
Concen: 41.102 ng  
RT: 8.578 min Scan# 91  
Delta R.T. -0.012 min  
Lab File: BP025520.D  
Acq: 20 Aug 2025 23:54

Instrument :  
BNA\_P  
ClientSampleId :

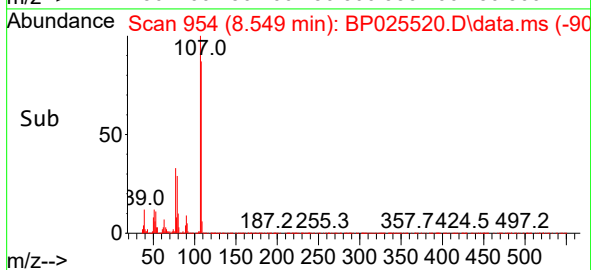
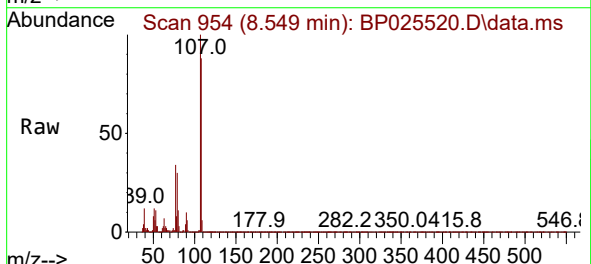
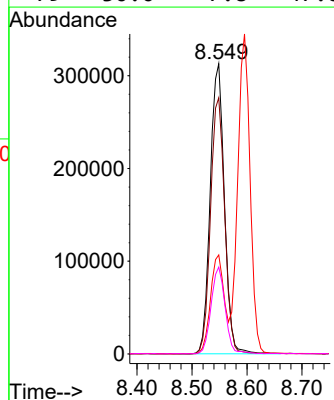


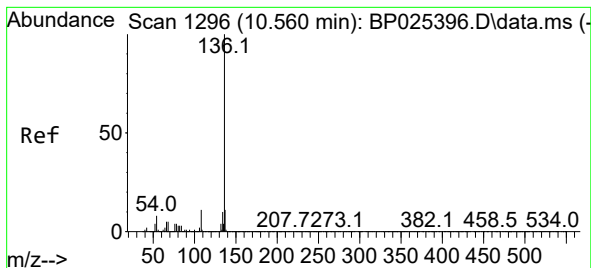
Tgt Ion: 70 Resp: 342780  
Ion Ratio Lower Upper  
70 100  
42 59.8 43.8 65.6  
101 10.7 8.5 12.7  
130 22.2 19.4 29.0



#20  
3+4-Methylphenols  
Concen: 44.044 ng  
RT: 8.549 min Scan# 954  
Delta R.T. -0.000 min  
Lab File: BP025520.D  
Acq: 20 Aug 2025 23:54

Tgt Ion: 107 Resp: 560181  
Ion Ratio Lower Upper  
107 100  
108 88.3 66.3 106.3  
77 34.1 12.3 52.3  
79 30.0 7.8 47.8





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.554 min Scan# 11

Delta R.T. -0.006 min

Lab File: BP025520.D

Acq: 20 Aug 2025 23:54

Instrument :

BNA\_P

ClientSampleId :

Tgt Ion:136 Resp: 635345

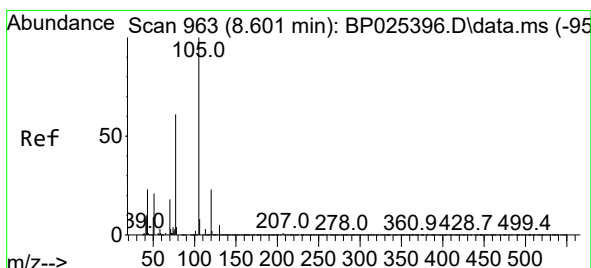
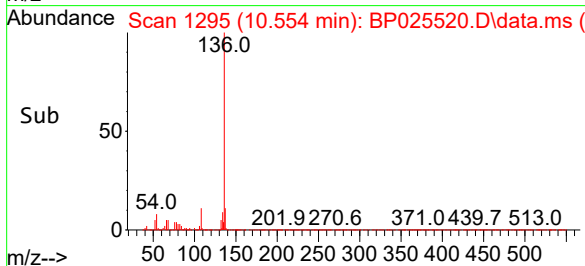
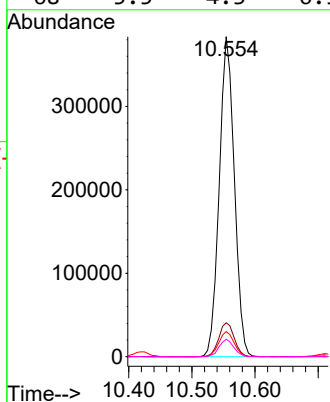
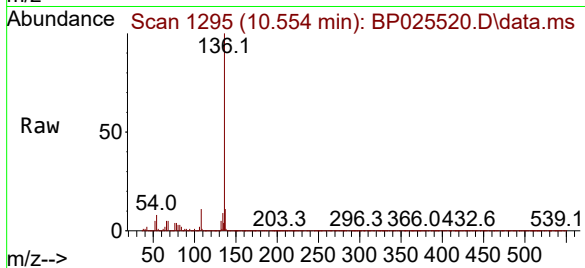
Ion Ratio Lower Upper

136 100

137 10.6 9.2 13.8

54 7.8 6.0 9.0

68 5.5 4.3 6.5



#22

Acetophenone

Concen: 45.276 ng

RT: 8.596 min Scan# 962

Delta R.T. -0.006 min

Lab File: BP025520.D

Acq: 20 Aug 2025 23:54

Tgt Ion:105 Resp: 721397

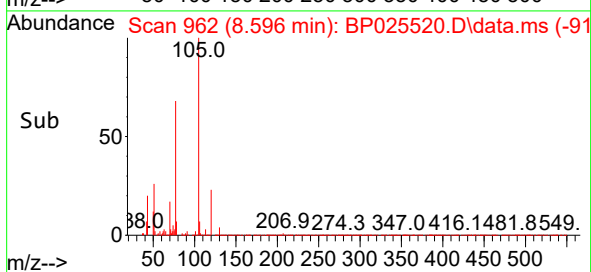
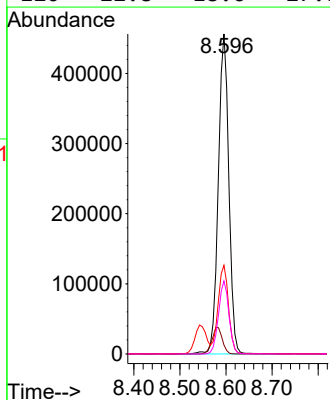
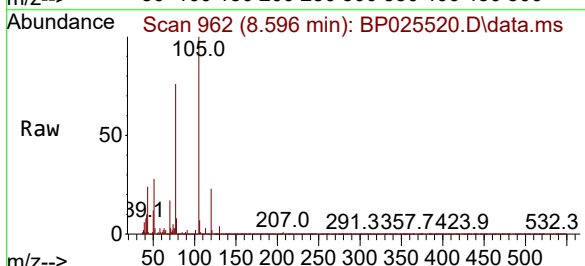
Ion Ratio Lower Upper

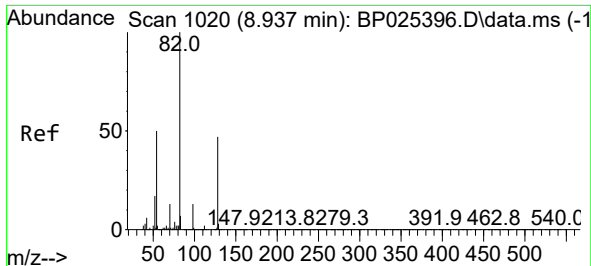
105 100

71 2.8 2.6 4.0

51 27.7 20.6 30.8

120 22.8 18.6 27.8

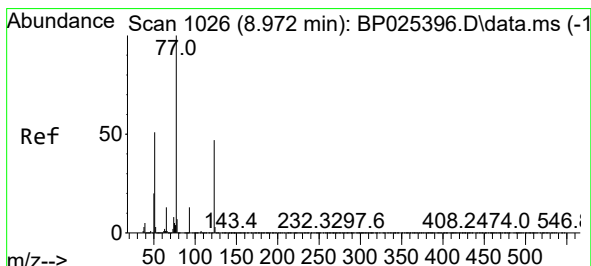
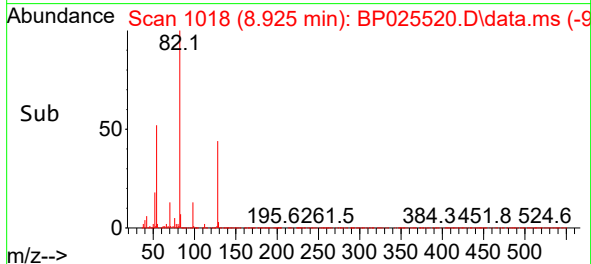
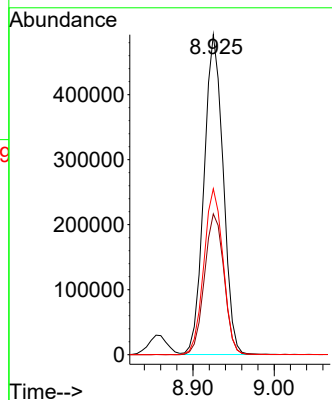
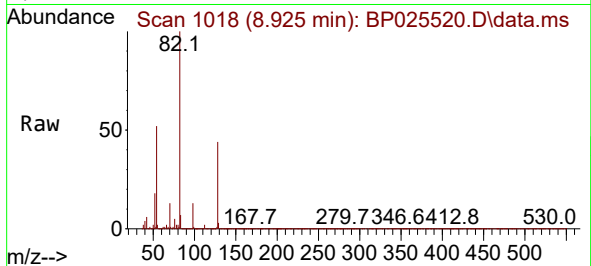




#23  
Nitrobenzene-d5  
Concen: 64.078 ng  
RT: 8.925 min Scan# 1018  
Delta R.T. -0.012 min  
Lab File: BP025520.D  
Acq: 20 Aug 2025 23:54

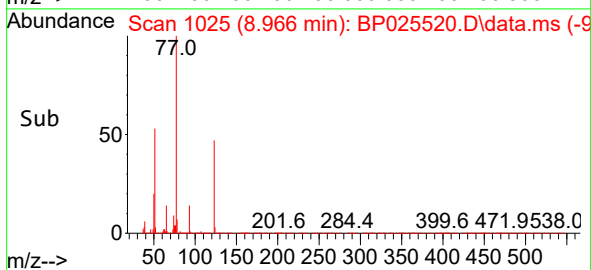
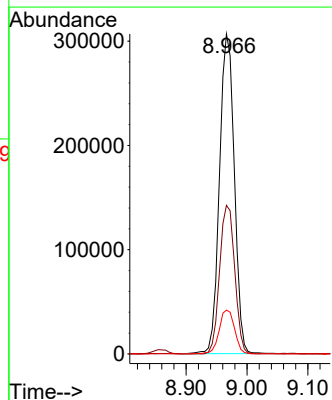
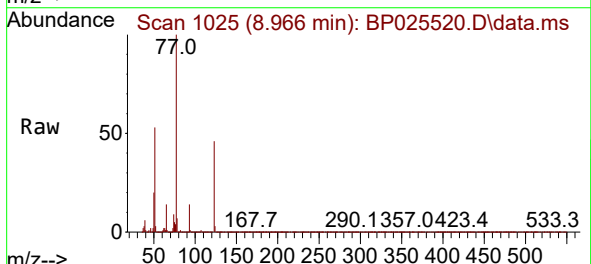
Instrument :  
BNA\_P  
ClientSampleId :

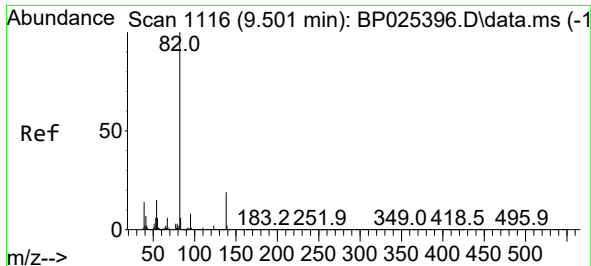
Tgt Ion: 82 Resp: 804810  
Ion Ratio Lower Upper  
82 100  
128 44.0 37.7 56.5  
54 51.9 39.8 59.6



#24  
Nitrobenzene  
Concen: 46.231 ng  
RT: 8.966 min Scan# 1025  
Delta R.T. -0.006 min  
Lab File: BP025520.D  
Acq: 20 Aug 2025 23:54

Tgt Ion: 77 Resp: 518939  
Ion Ratio Lower Upper  
77 100  
123 46.5 38.6 58.0  
65 13.7 10.6 15.8

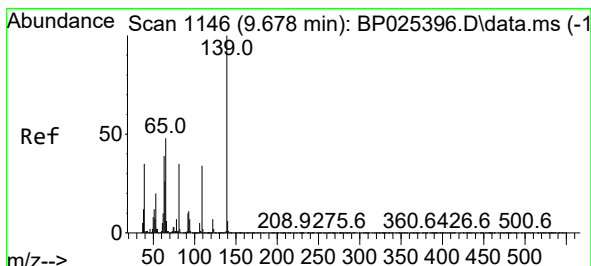
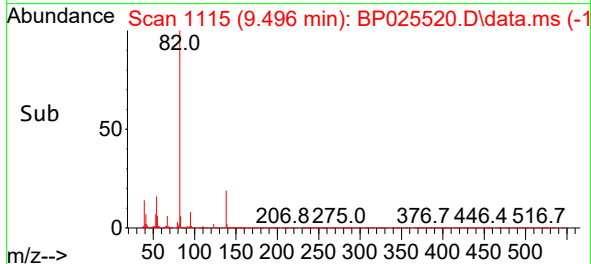
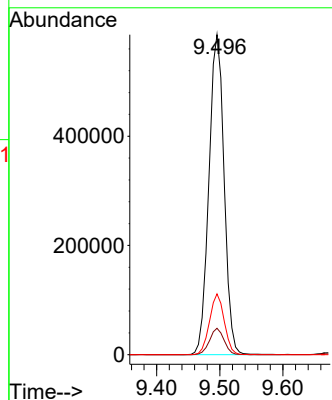
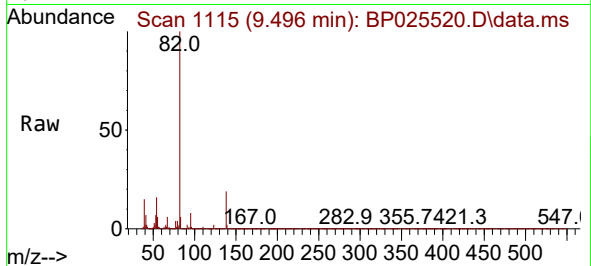




#25  
Isophorone  
Concen: 43.967 ng  
RT: 9.496 min Scan# 1115  
Delta R.T. -0.006 min  
Lab File: BP025520.D  
Acq: 20 Aug 2025 23:54

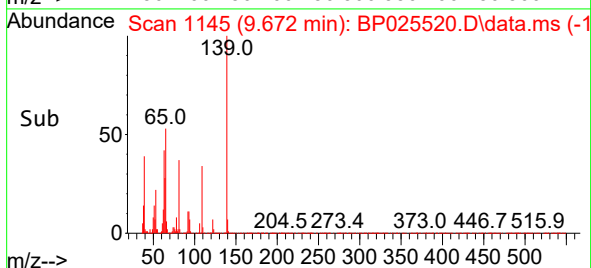
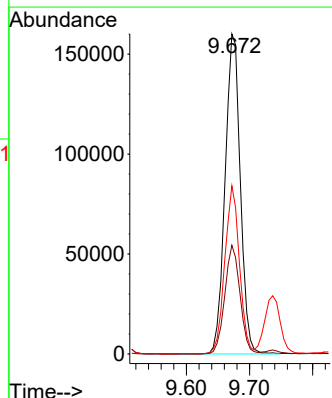
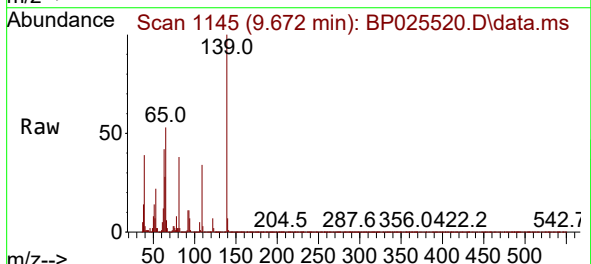
Instrument :  
BNA\_P  
ClientSampleId :

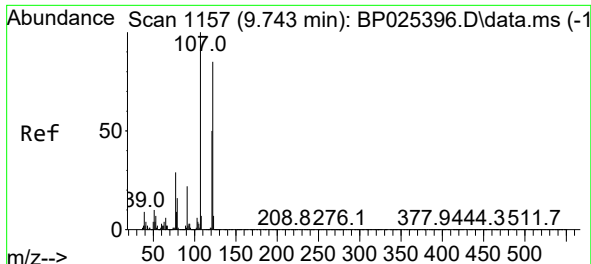
Tgt Ion: 82 Resp: 977284  
Ion Ratio Lower Upper  
82 100  
95 8.3 6.4 9.6  
138 19.0 15.4 23.0



#26  
2-Nitrophenol  
Concen: 46.582 ng  
RT: 9.672 min Scan# 1145  
Delta R.T. -0.006 min  
Lab File: BP025520.D  
Acq: 20 Aug 2025 23:54

Tgt Ion:139 Resp: 268342  
Ion Ratio Lower Upper  
139 100  
109 33.9 26.9 40.3  
65 52.6 38.3 57.5





#27

2,4-Dimethylphenol

Concen: 45.537 ng

RT: 9.737 min Scan# 1156

Delta R.T. -0.006 min

Lab File: BP025520.D

Acq: 20 Aug 2025 23:54

Instrument :

BNA\_P

ClientSampleId :

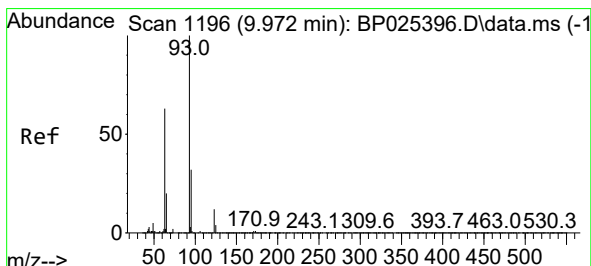
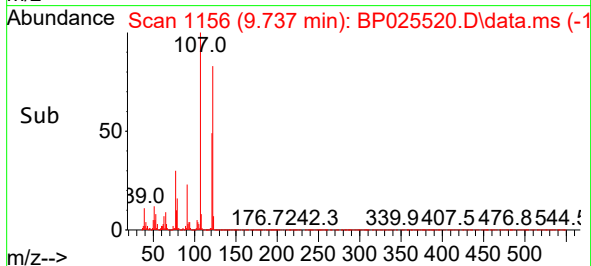
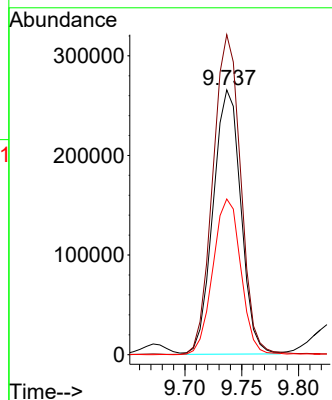
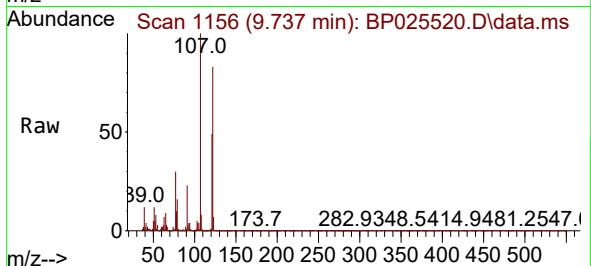
Tgt Ion:122 Resp: 451118

Ion Ratio Lower Upper

122 100

107 120.8 93.7 140.5

121 58.8 46.6 69.8



#28

bis(2-Chloroethoxy)methane

Concen: 44.529 ng

RT: 9.966 min Scan# 1195

Delta R.T. -0.006 min

Lab File: BP025520.D

Acq: 20 Aug 2025 23:54

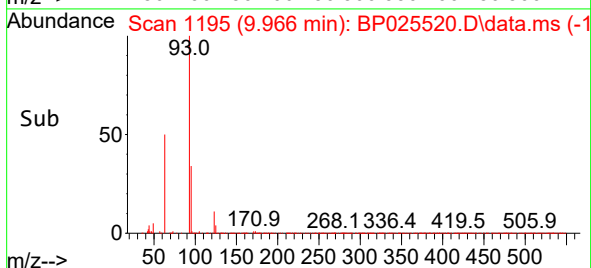
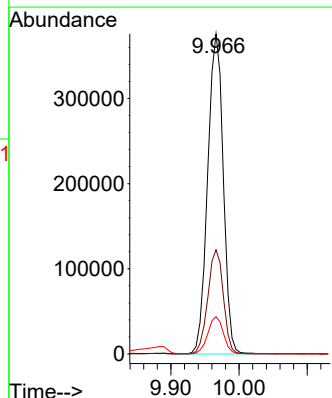
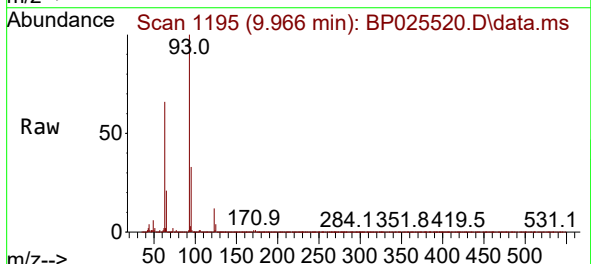
Tgt Ion: 93 Resp: 598293

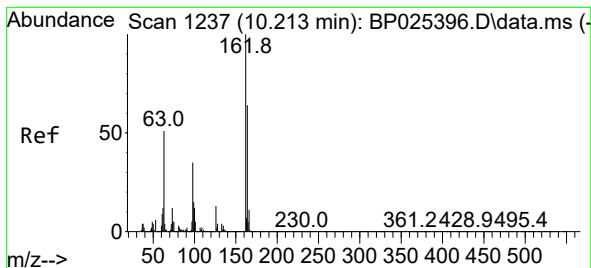
Ion Ratio Lower Upper

93 100

95 32.5 25.4 38.0

123 11.7 9.4 14.0





#29

2,4-Dichlorophenol

Concen: 46.875 ng

RT: 10.207 min Scan# 1

Delta R.T. -0.006 min

Lab File: BP025520.D

Acq: 20 Aug 2025 23:54

Instrument :

BNA\_P

ClientSampleId :

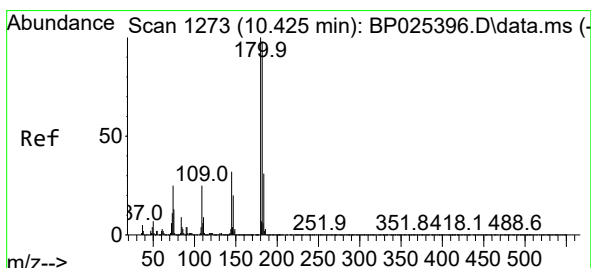
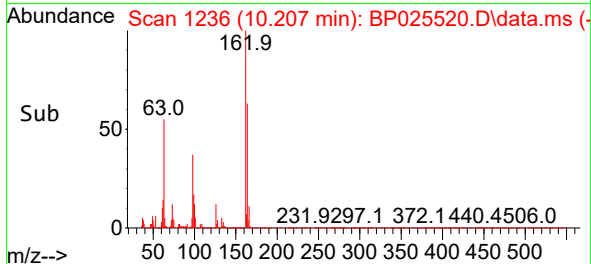
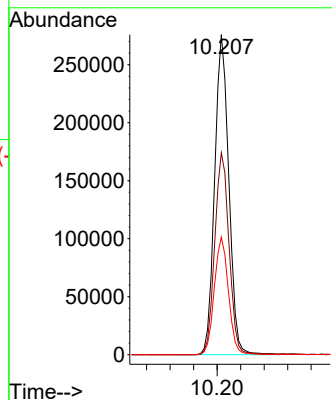
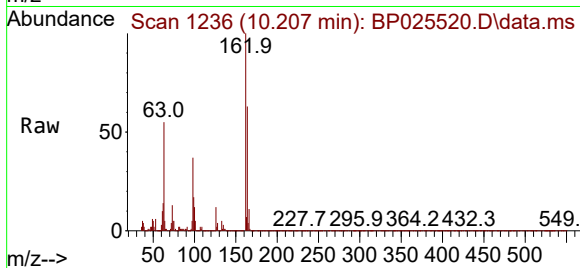
Tgt Ion:162 Resp: 461305

Ion Ratio Lower Upper

162 100

164 63.1 44.4 84.4

98 36.7 14.9 54.9



#30

1,2,4-Trichlorobenzene

Concen: 44.136 ng

RT: 10.419 min Scan# 1272

Delta R.T. -0.006 min

Lab File: BP025520.D

Acq: 20 Aug 2025 23:54

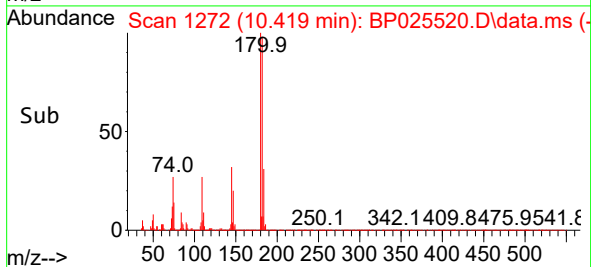
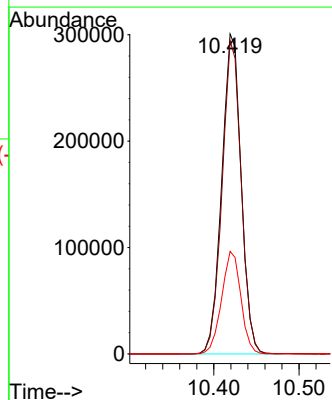
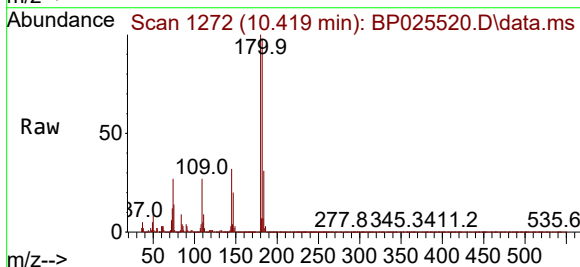
Tgt Ion:180 Resp: 476140

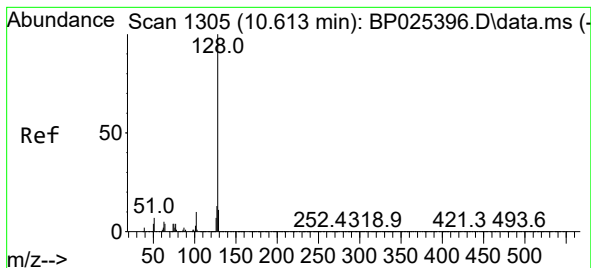
Ion Ratio Lower Upper

180 100

182 97.8 78.0 117.0

145 32.0 25.9 38.9

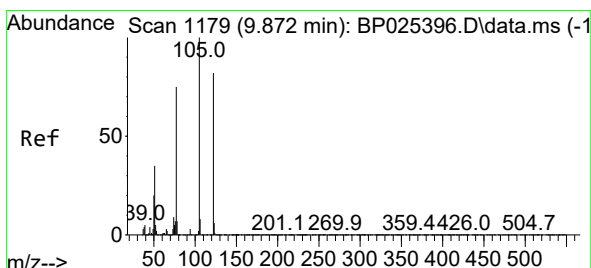
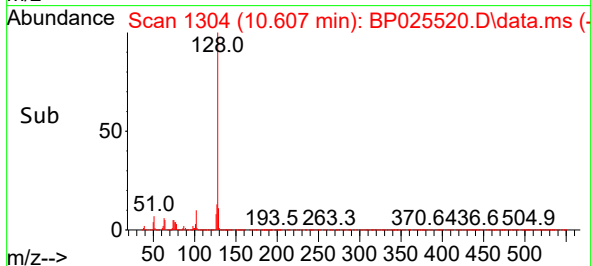
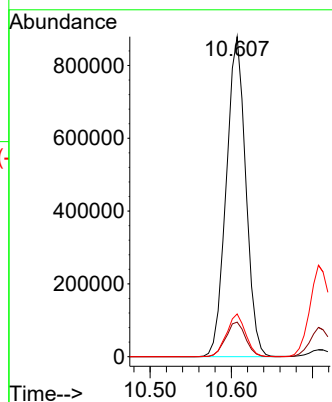
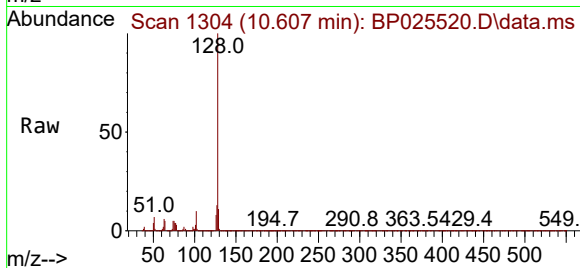




#31  
Naphthalene  
Concen: 44.371 ng  
RT: 10.607 min Scan# 1181  
Delta R.T. -0.006 min  
Lab File: BP025520.D  
Acq: 20 Aug 2025 23:54

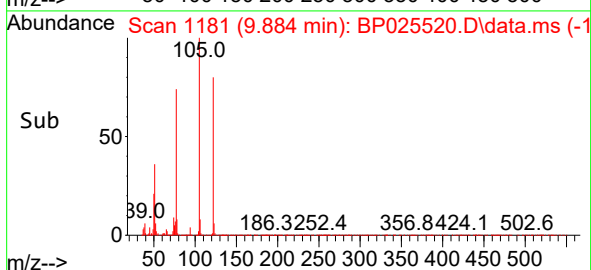
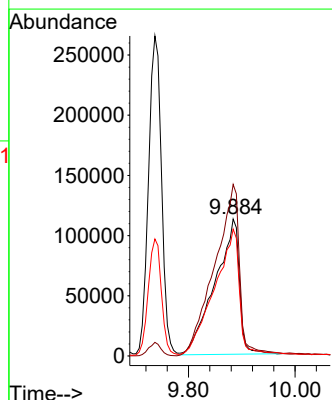
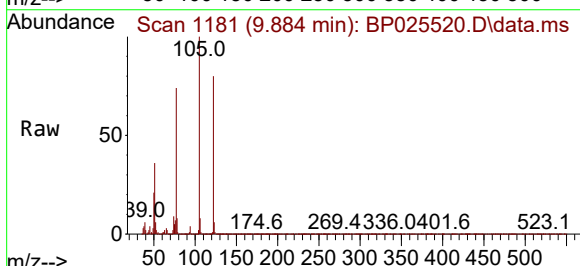
Instrument :  
BNA\_P  
ClientSampleId :

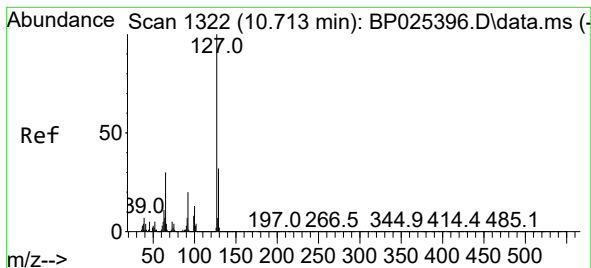
Tgt Ion:128 Resp: 1465253  
Ion Ratio Lower Upper  
128 100  
129 10.8 8.6 13.0  
127 13.4 10.7 16.1



#32  
Benzoic acid  
Concen: 48.944 ng  
RT: 9.884 min Scan# 1181  
Delta R.T. 0.012 min  
Lab File: BP025520.D  
Acq: 20 Aug 2025 23:54

Tgt Ion:122 Resp: 357969  
Ion Ratio Lower Upper  
122 100  
105 125.3 100.6 140.6  
77 92.7 71.5 111.5

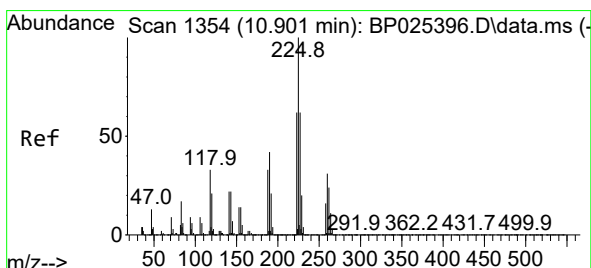
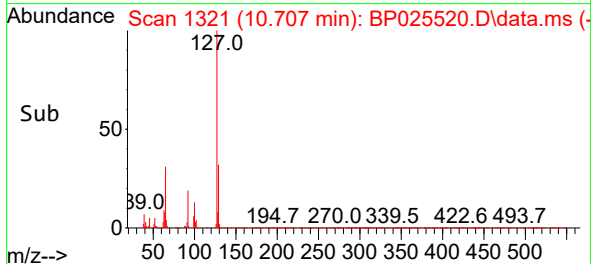
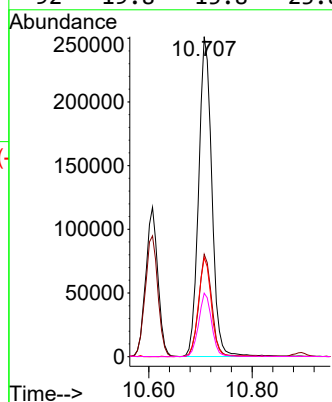
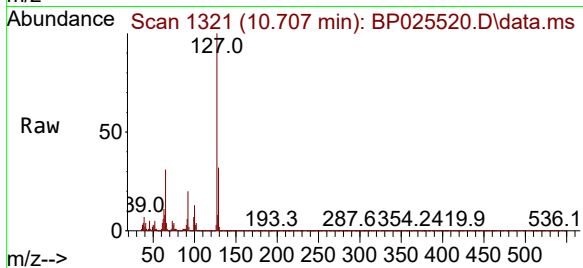




#33  
4-Chloroaniline  
Concen: 30.500 ng  
RT: 10.707 min Scan# 11  
Delta R.T. -0.006 min  
Lab File: BP025520.D  
Acq: 20 Aug 2025 23:54

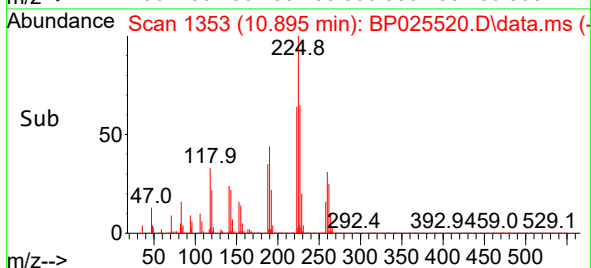
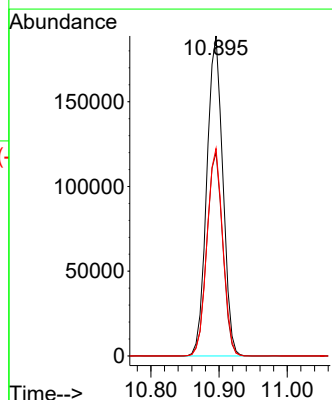
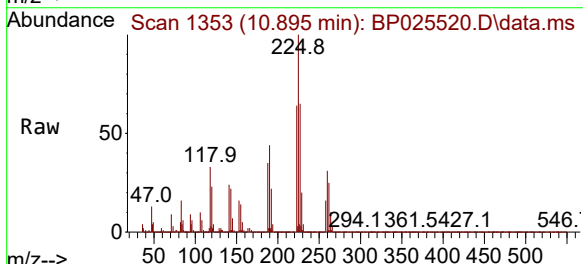
Instrument :  
BNA\_P  
ClientSampleId :

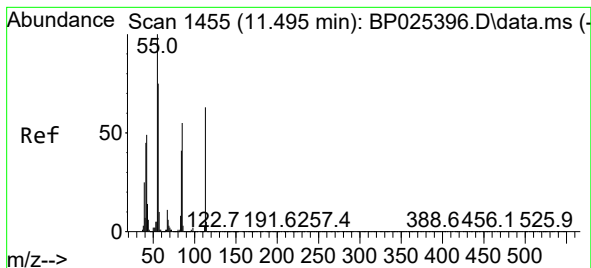
|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 127   | Resp: | 444888 |
| Ion      | Ratio | Lower | Upper  |
| 127      | 100   |       |        |
| 129      | 32.0  | 25.4  | 38.2   |
| 65       | 30.9  | 23.8  | 35.6   |
| 92       | 19.8  | 15.8  | 23.8   |



#34  
Hexachlorobutadiene  
Concen: 45.819 ng  
RT: 10.895 min Scan# 1353  
Delta R.T. -0.006 min  
Lab File: BP025520.D  
Acq: 20 Aug 2025 23:54

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 225   | Resp: | 307838 |
| Ion      | Ratio | Lower | Upper  |
| 225      | 100   |       |        |
| 223      | 63.6  | 50.0  | 75.0   |
| 227      | 64.8  | 49.7  | 74.5   |





#35

Caprolactam

Concen: 46.140 ng

RT: 11.495 min Scan# 1455

Delta R.T. -0.000 min

Lab File: BP025520.D

Acq: 20 Aug 2025 23:54

Instrument :

BNA\_P

ClientSampleId :

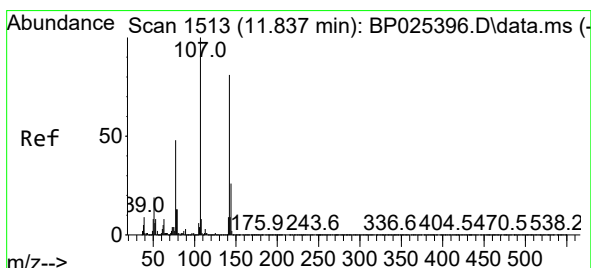
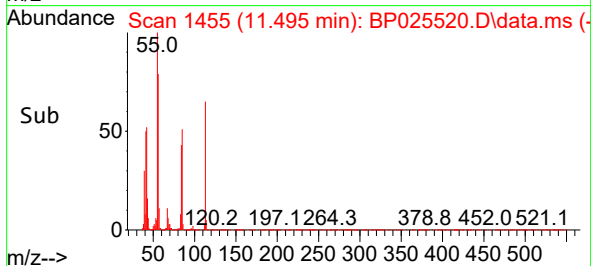
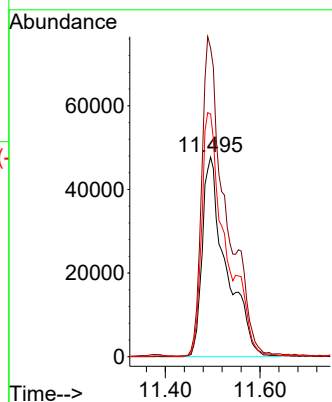
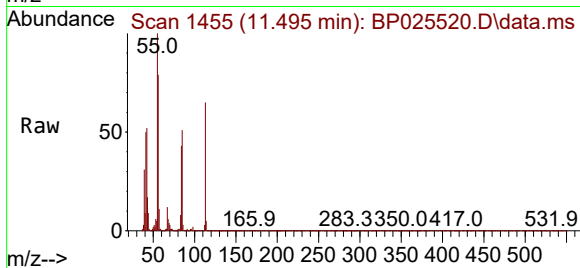
Tgt Ion:113 Resp: 166502

Ion Ratio Lower Upper

113 100

55 154.7 140.0 180.0

56 121.7 100.0 140.0



#36

4-Chloro-3-methylphenol

Concen: 46.451 ng

RT: 11.837 min Scan# 1513

Delta R.T. -0.000 min

Lab File: BP025520.D

Acq: 20 Aug 2025 23:54

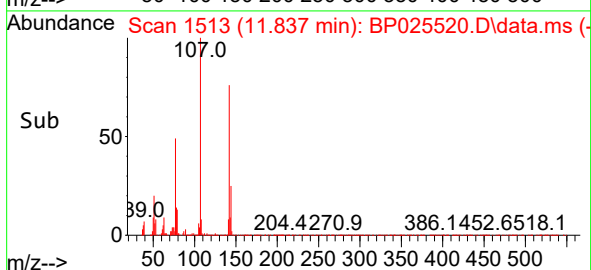
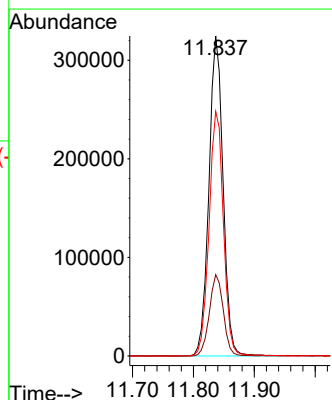
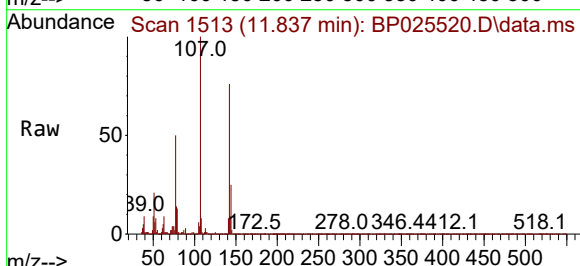
Tgt Ion:107 Resp: 524543

Ion Ratio Lower Upper

107 100

144 25.4 21.0 31.4

142 76.4 64.6 97.0

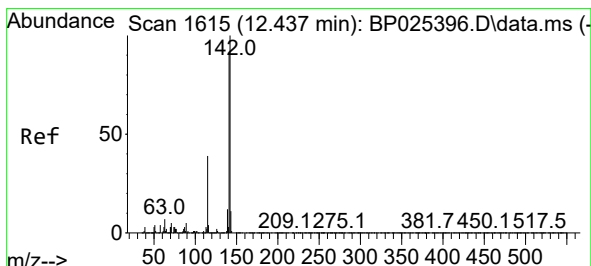
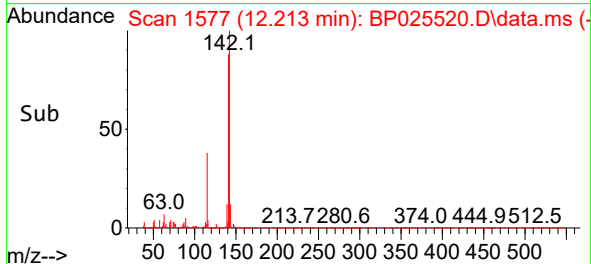
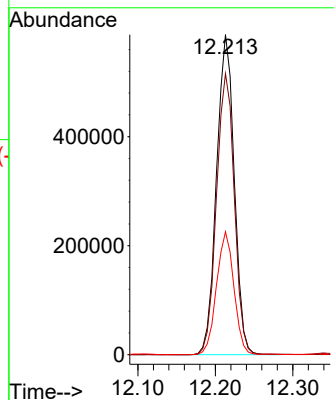
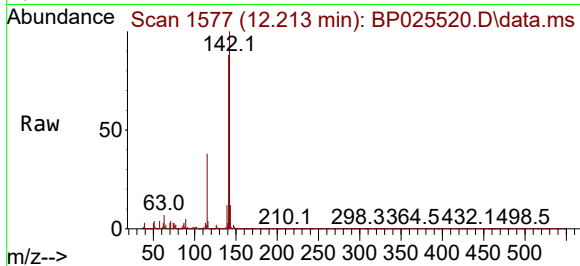




#37  
2-Methylnaphthalene  
Concen: 43.326 ng  
RT: 12.213 min Scan# 1577  
Delta R.T. -0.006 min  
Lab File: BP025520.D  
Acq: 20 Aug 2025 23:54

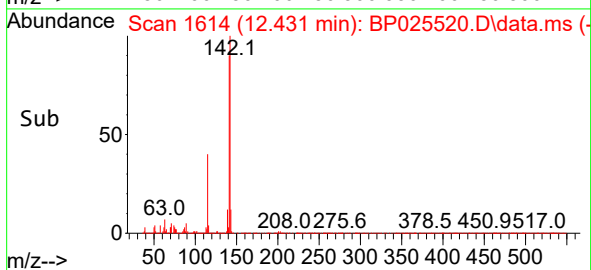
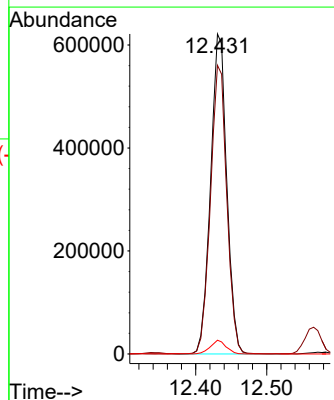
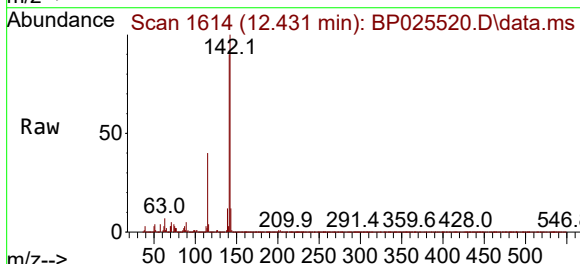
Instrument :  
BNA\_P  
ClientSampleId :

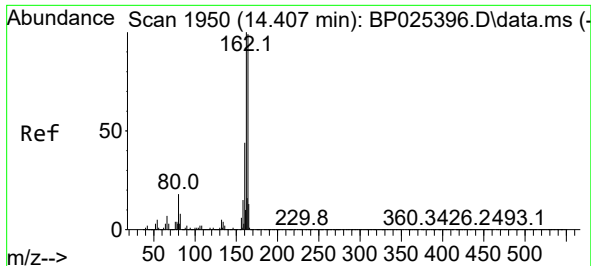
Tgt Ion:142 Resp: 931072  
Ion Ratio Lower Upper  
142 100  
141 87.9 70.3 105.5  
115 38.4 28.9 43.3



#38  
1-Methylnaphthalene  
Concen: 42.991 ng  
RT: 12.431 min Scan# 1614  
Delta R.T. -0.006 min  
Lab File: BP025520.D  
Acq: 20 Aug 2025 23:54

Tgt Ion:142 Resp: 982511  
Ion Ratio Lower Upper  
142 100  
141 90.2 73.1 109.7  
116 4.3 3.2 4.8

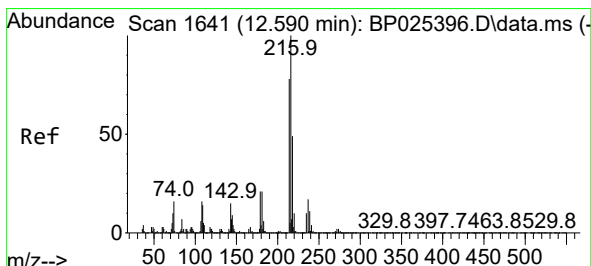
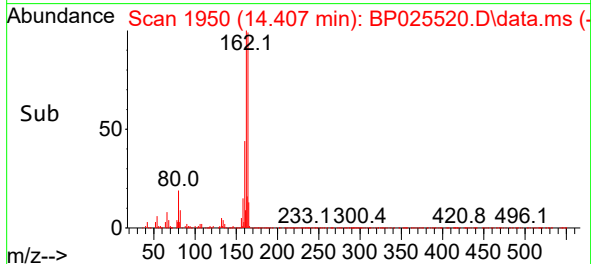
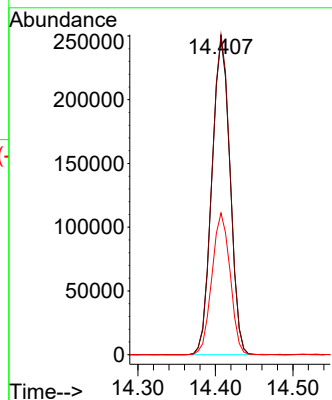
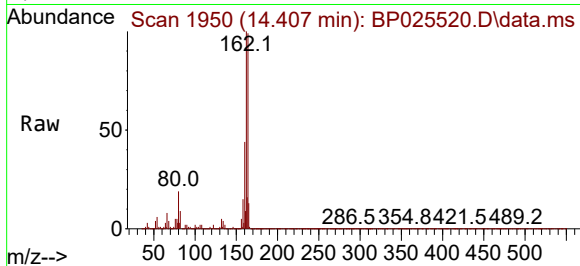




#39  
Acenaphthene-d10  
Concen: 20.000 ng  
RT: 14.407 min Scan# 1950  
Delta R.T. -0.000 min  
Lab File: BP025520.D  
Acq: 20 Aug 2025 23:54

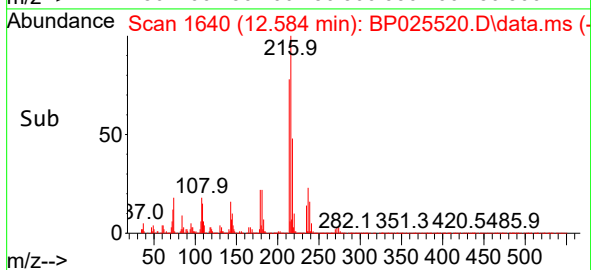
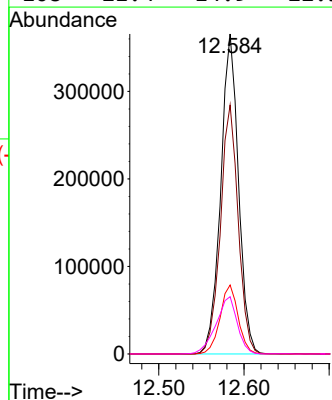
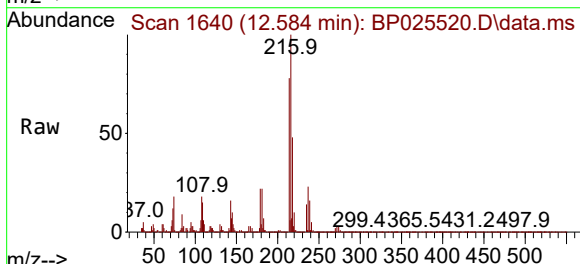
Instrument :  
BNA\_P  
ClientSampleId :

Tgt Ion:164 Resp: 403432  
Ion Ratio Lower Upper  
164 100  
162 101.3 81.0 121.6  
160 44.8 35.4 53.2



#40  
1,2,4,5-Tetrachlorobenzene  
Concen: 45.440 ng  
RT: 12.584 min Scan# 1640  
Delta R.T. -0.006 min  
Lab File: BP025520.D  
Acq: 20 Aug 2025 23:54

Tgt Ion:216 Resp: 529445  
Ion Ratio Lower Upper  
216 100  
214 77.8 63.0 94.4  
179 22.0 17.1 25.7  
108 21.4 14.9 22.3





#41

Hexachlorocyclopentadiene

Concen: 92.264 ng

RT: 12.566 min Scan# 1

Delta R.T. -0.006 min

Lab File: BP025520.D

Acq: 20 Aug 2025 23:54

Instrument :

BNA\_P

ClientSampleId :

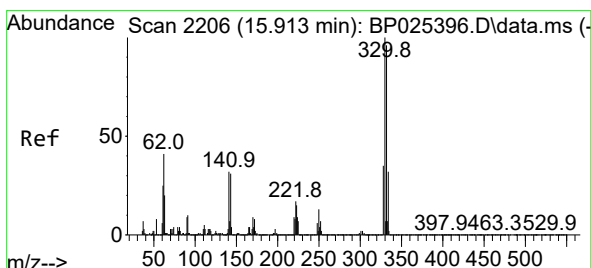
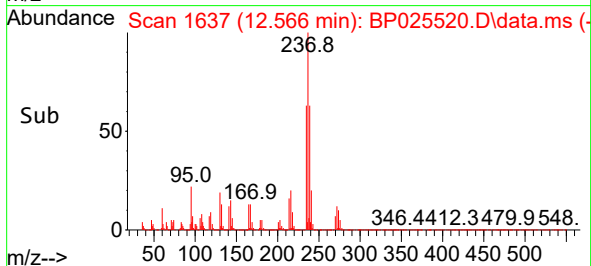
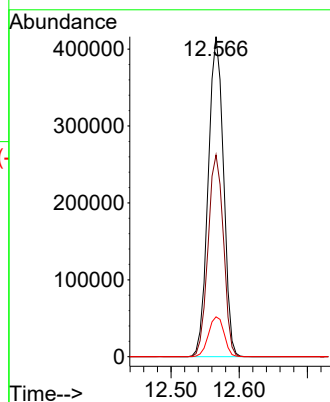
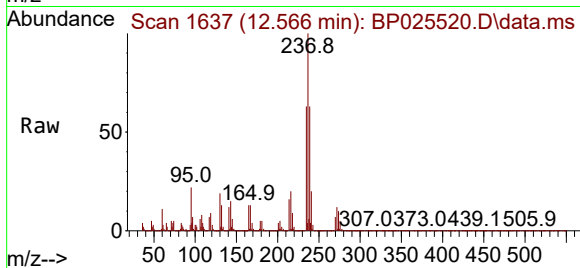
Tgt Ion:237 Resp: 649355

Ion Ratio Lower Upper

237 100

235 63.0 42.7 82.7

272 12.4 0.0 34.0



#42

2,4,6-Tribromophenol

Concen: 100.145 ng

RT: 15.919 min Scan# 2207

Delta R.T. 0.006 min

Lab File: BP025520.D

Acq: 20 Aug 2025 23:54

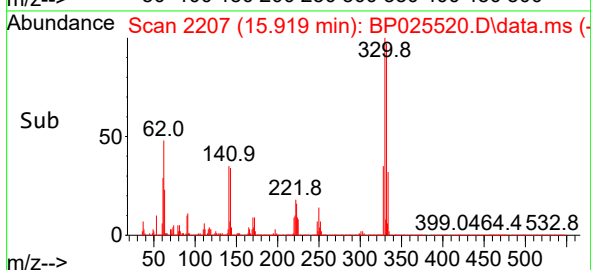
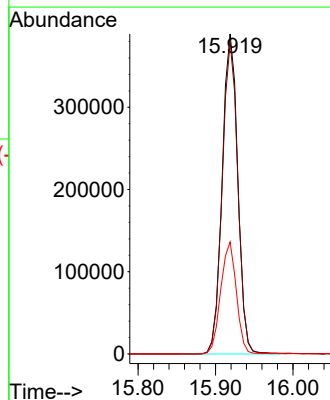
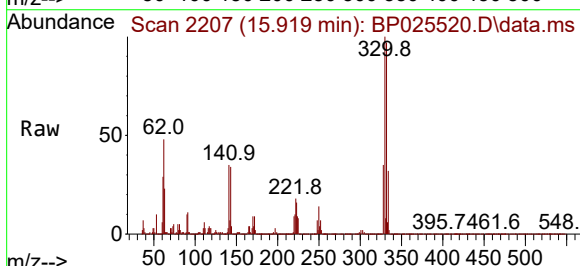
Tgt Ion:330 Resp: 543808

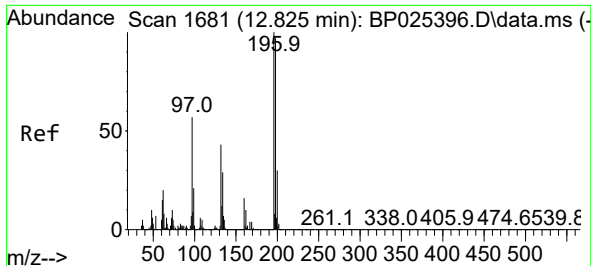
Ion Ratio Lower Upper

330 100

332 97.3 77.3 115.9

141 35.2 26.6 39.8

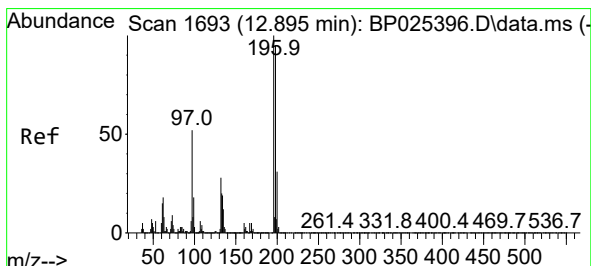
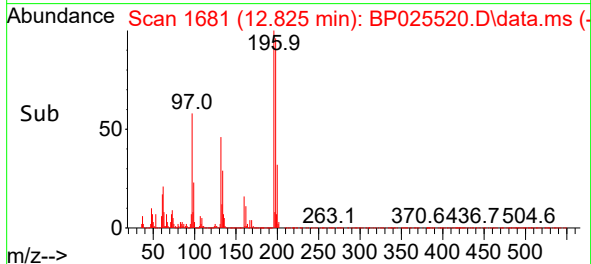
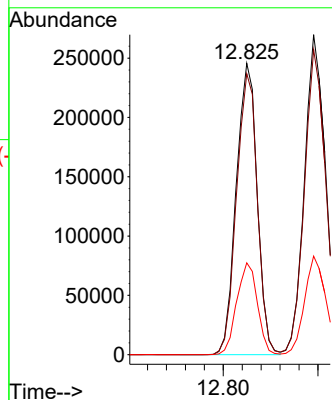
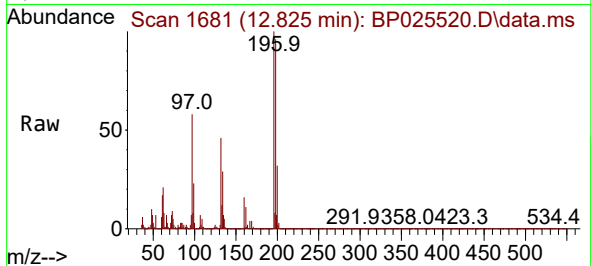




#43  
2,4,6-Trichlorophenol  
Concen: 47.848 ng  
RT: 12.825 min Scan# 1681  
Delta R.T. -0.000 min  
Lab File: BP025520.D  
Acq: 20 Aug 2025 23:54

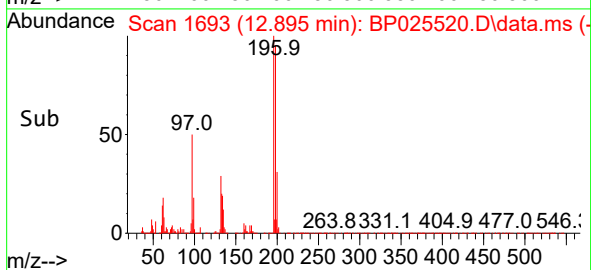
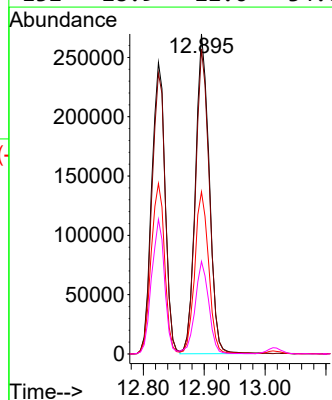
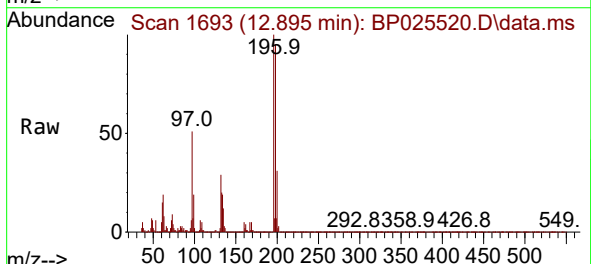
Instrument :  
BNA\_P  
ClientSampleId :

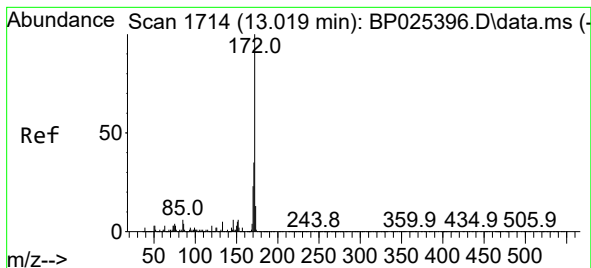
Tgt Ion:196 Resp: 376373  
Ion Ratio Lower Upper  
196 100  
198 96.4 77.2 115.8  
200 31.5 23.9 35.9



#44  
2,4,5-Trichlorophenol  
Concen: 49.047 ng  
RT: 12.895 min Scan# 1693  
Delta R.T. -0.000 min  
Lab File: BP025520.D  
Acq: 20 Aug 2025 23:54

Tgt Ion:196 Resp: 422835  
Ion Ratio Lower Upper  
196 100  
198 95.3 76.2 114.2  
97 50.7 41.2 61.8  
132 28.9 22.6 34.0





#45

2-Fluorobiphenyl

Concen: 56.883 ng

RT: 13.013 min Scan# 1

Delta R.T. -0.006 min

Lab File: BP025520.D

Acq: 20 Aug 2025 23:54

Instrument :

BNA\_P

ClientSampleId :

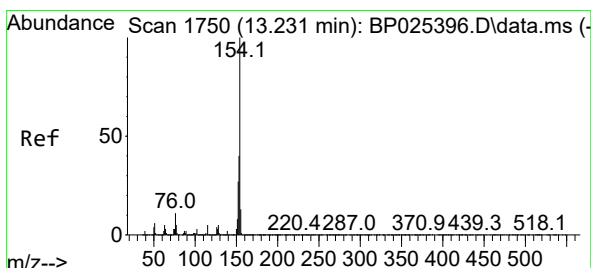
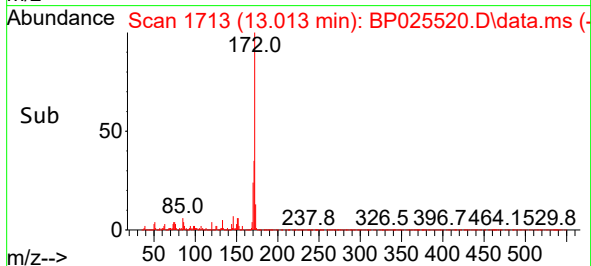
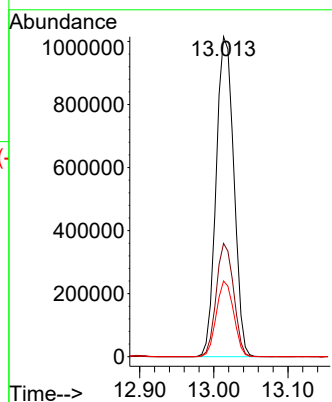
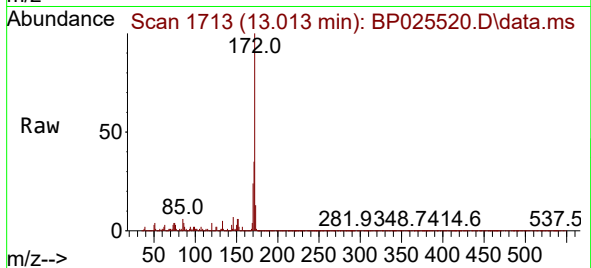
Tgt Ion:172 Resp: 1679128

Ion Ratio Lower Upper

172 100

171 35.4 28.1 42.1

170 23.6 18.6 28.0



#46

1,1'-Biphenyl

Concen: 45.403 ng

RT: 13.225 min Scan# 1749

Delta R.T. -0.006 min

Lab File: BP025520.D

Acq: 20 Aug 2025 23:54

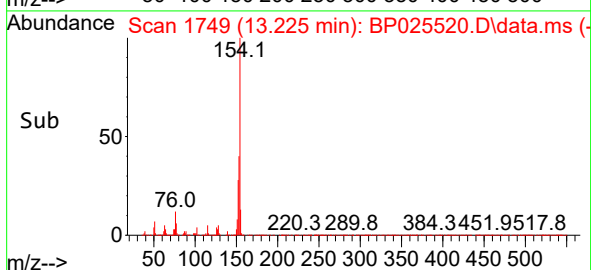
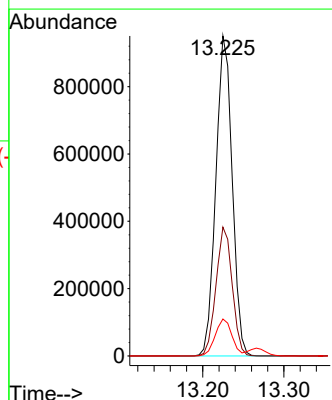
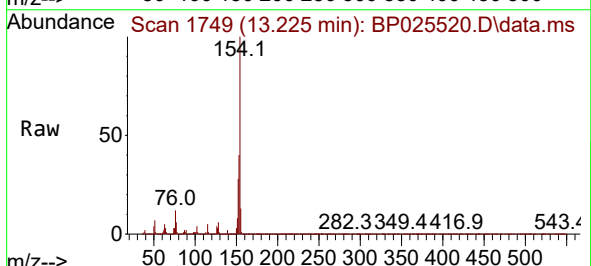
Tgt Ion:154 Resp: 1330277

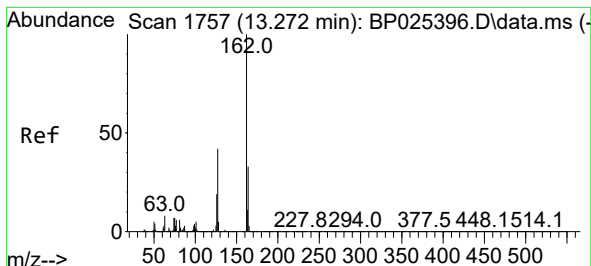
Ion Ratio Lower Upper

154 100

153 40.2 19.5 59.5

76 11.6 0.0 31.1





#47

2-Chloronaphthalene

Concen: 44.881 ng

RT: 13.266 min Scan# 1756

Delta R.T. -0.006 min

Lab File: BP025520.D

Acq: 20 Aug 2025 23:54

Instrument :

BNA\_P

ClientSampleId :

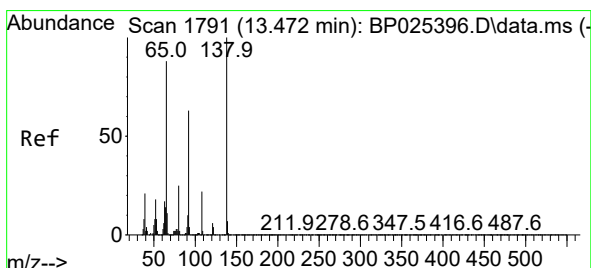
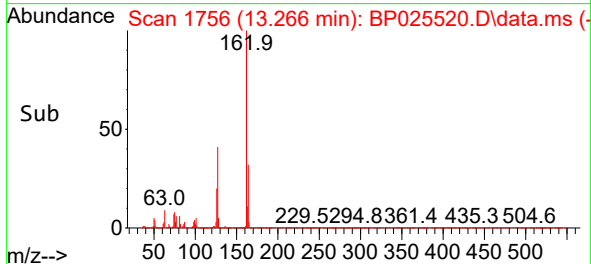
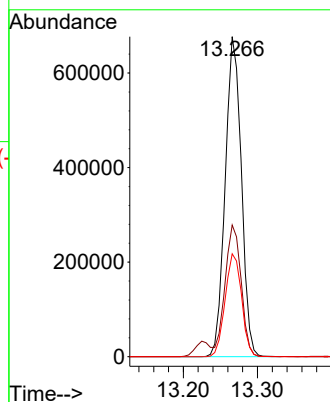
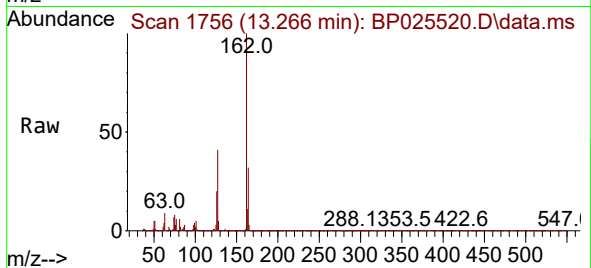
Tgt Ion:162 Resp: 1023704

Ion Ratio Lower Upper

162 100

127 41.2 33.4 50.2

164 32.2 26.2 39.2



#48

2-Nitroaniline

Concen: 50.668 ng

RT: 13.472 min Scan# 1791

Delta R.T. -0.000 min

Lab File: BP025520.D

Acq: 20 Aug 2025 23:54

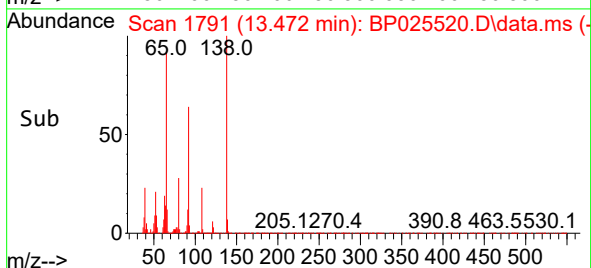
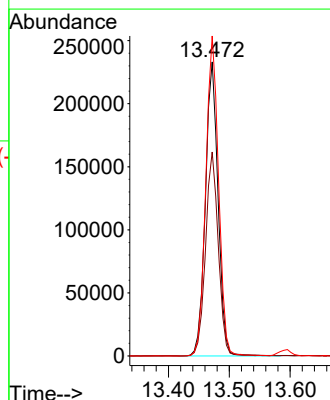
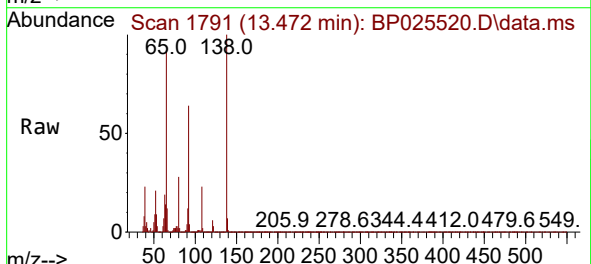
Tgt Ion: 65 Resp: 336748

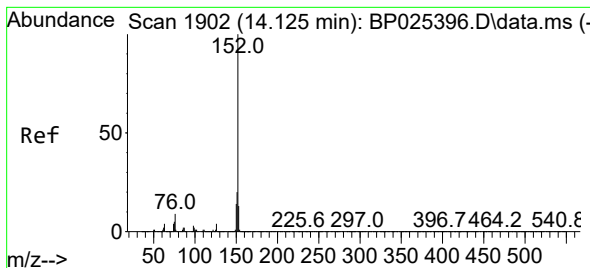
Ion Ratio Lower Upper

65 100

92 69.4 57.6 86.4

138 108.8 91.0 136.6





#49

Acenaphthylene

Concen: 46.038 ng

RT: 14.125 min Scan# 1902

Delta R.T. -0.000 min

Lab File: BP025520.D

Acq: 20 Aug 2025 23:54

Instrument :

BNA\_P

ClientSampleId :

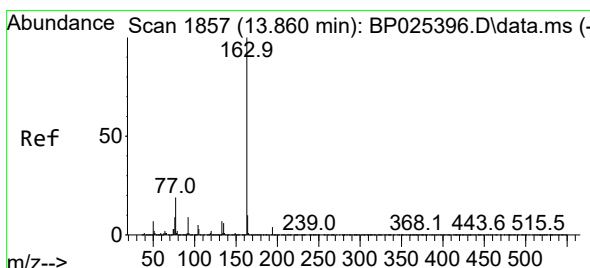
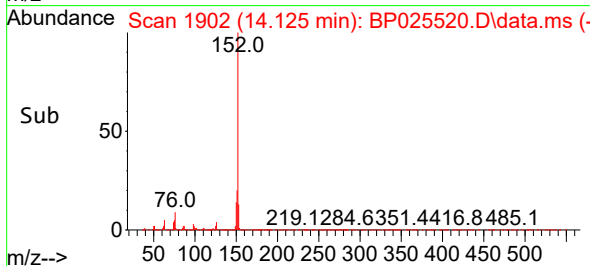
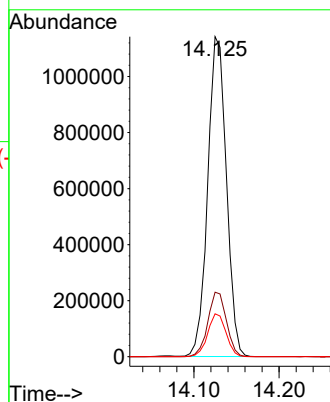
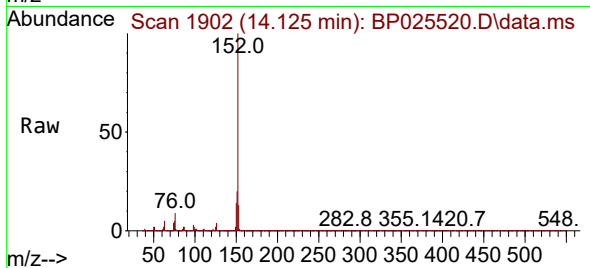
Tgt Ion:152 Resp: 1737611

Ion Ratio Lower Upper

152 100

151 20.1 16.0 24.0

153 13.4 10.6 15.8



#50

Dimethylphthalate

Concen: 45.729 ng

RT: 13.860 min Scan# 1857

Delta R.T. -0.000 min

Lab File: BP025520.D

Acq: 20 Aug 2025 23:54

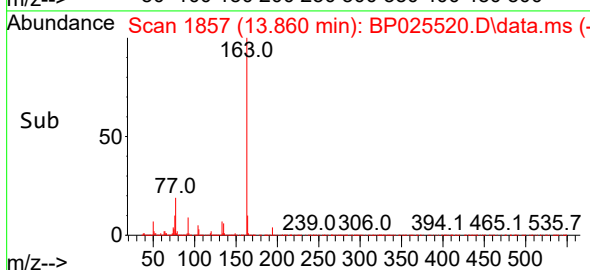
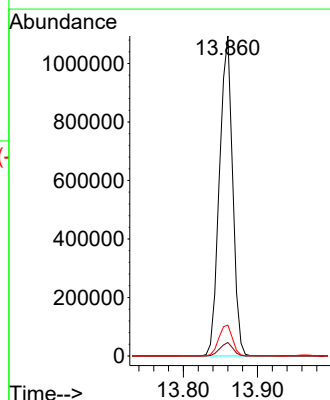
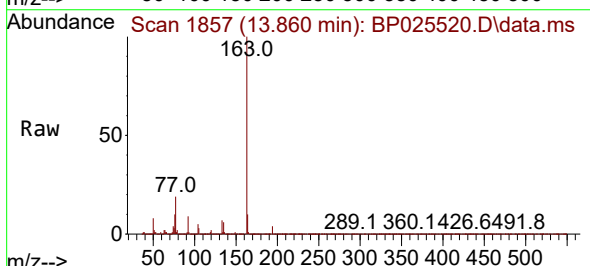
Tgt Ion:163 Resp: 1350968

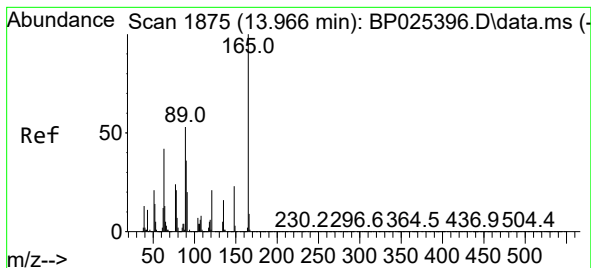
Ion Ratio Lower Upper

163 100

194 4.2 3.4 5.0

164 9.7 7.9 11.9

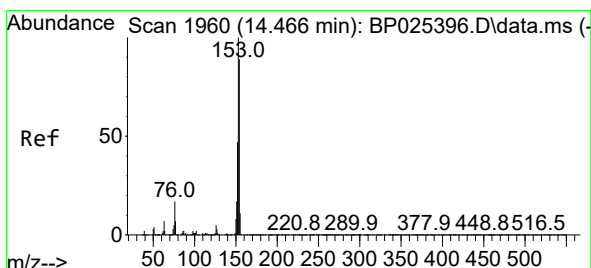
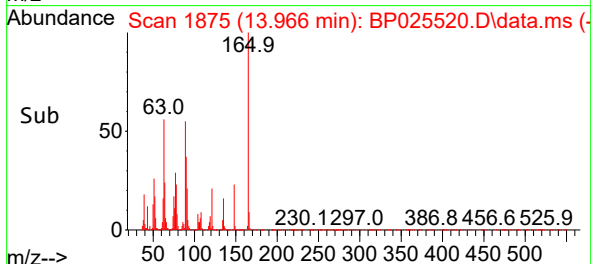
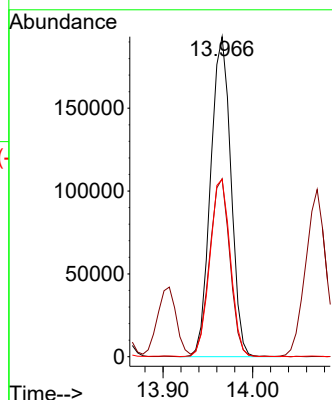
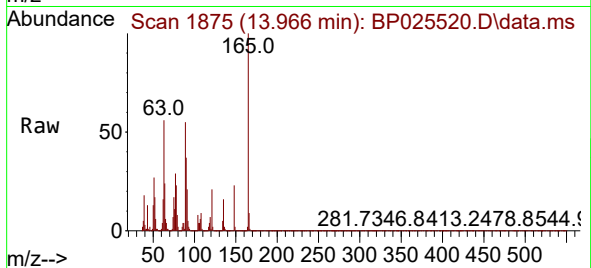




#51  
2,6-Dinitrotoluene  
Concen: 48.690 ng  
RT: 13.966 min Scan# 1875  
Delta R.T. -0.000 min  
Lab File: BP025520.D  
Acq: 20 Aug 2025 23:54

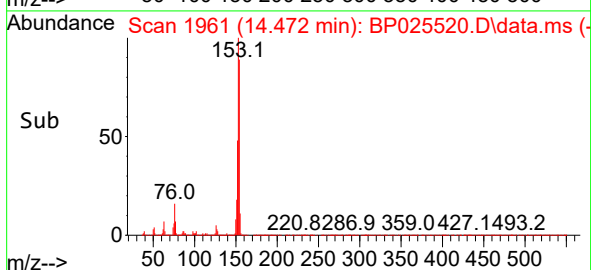
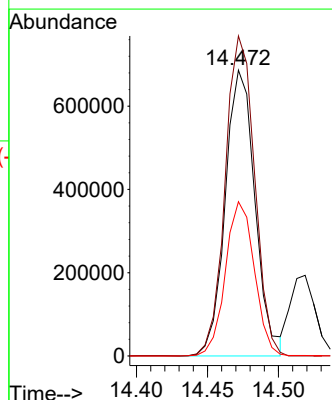
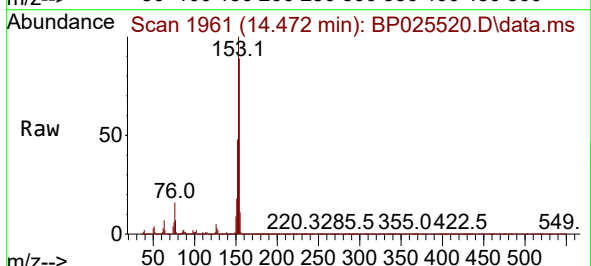
Instrument :  
BNA\_P  
ClientSampleId :

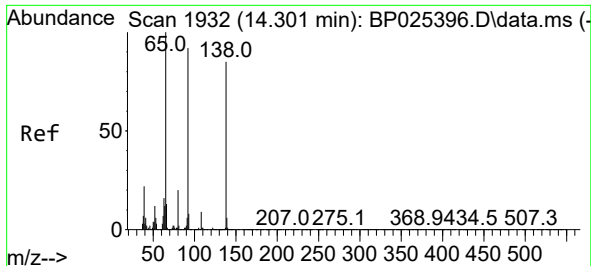
Tgt Ion:165 Resp: 303179  
Ion Ratio Lower Upper  
165 100  
63 55.6 40.9 61.3  
89 55.5 42.1 63.1



#52  
Acenaphthene  
Concen: 45.154 ng  
RT: 14.472 min Scan# 1961  
Delta R.T. 0.006 min  
Lab File: BP025520.D  
Acq: 20 Aug 2025 23:54

Tgt Ion:154 Resp: 1000372  
Ion Ratio Lower Upper  
154 100  
153 111.9 90.2 135.2  
152 54.0 42.1 63.1

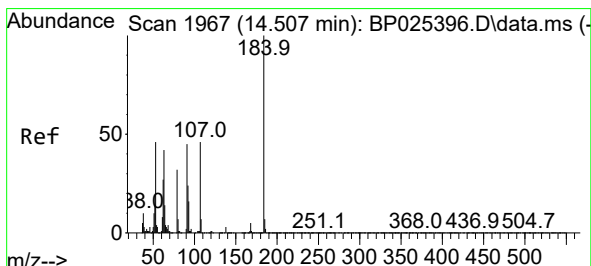
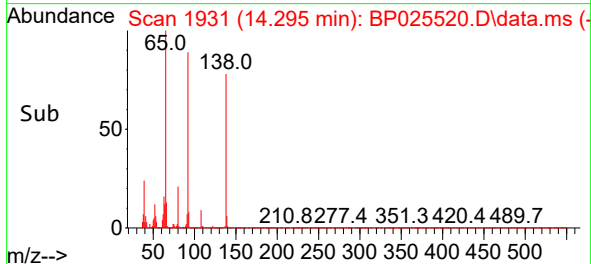
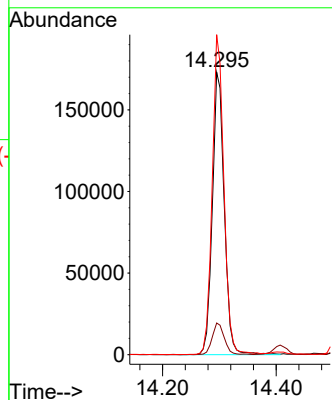
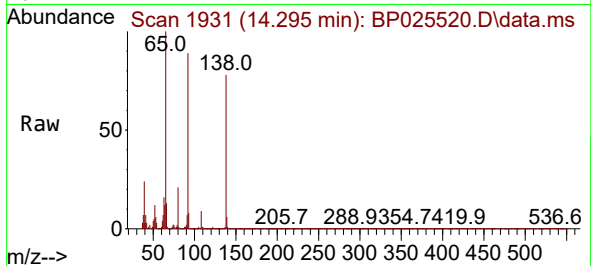




#53  
3-Nitroaniline  
Concen: 35.706 ng  
RT: 14.295 min Scan# 1931  
Delta R.T. -0.006 min  
Lab File: BP025520.D  
Acq: 20 Aug 2025 23:54

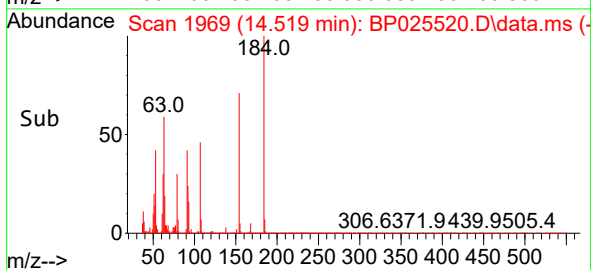
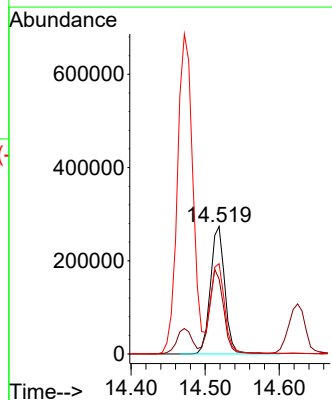
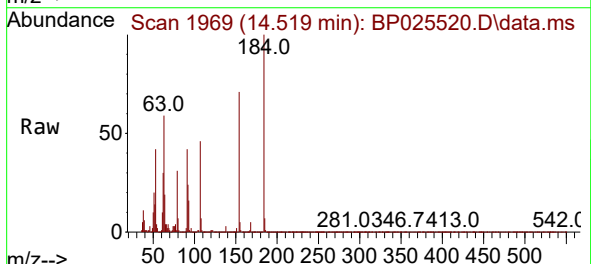
Instrument :  
BNA\_P  
ClientSampleId :

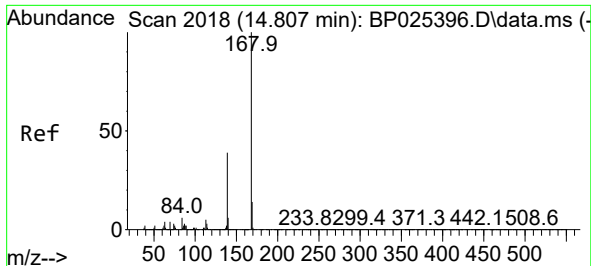
Tgt Ion:138 Resp: 250146  
Ion Ratio Lower Upper  
138 100  
108 11.2 8.3 12.5  
92 113.3 86.2 129.2



#54  
2,4-Dinitrophenol  
Concen: 111.289 ng  
RT: 14.519 min Scan# 1969  
Delta R.T. 0.012 min  
Lab File: BP025520.D  
Acq: 20 Aug 2025 23:54

Tgt Ion:184 Resp: 370066  
Ion Ratio Lower Upper  
184 100  
63 58.9 49.4 74.2  
154 70.8 54.6 82.0

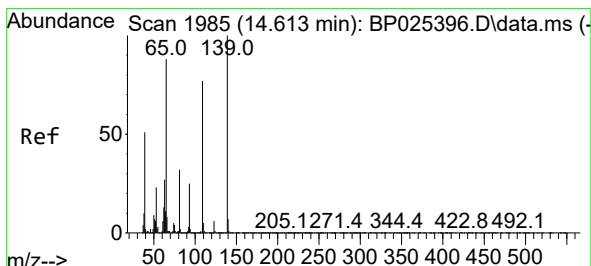
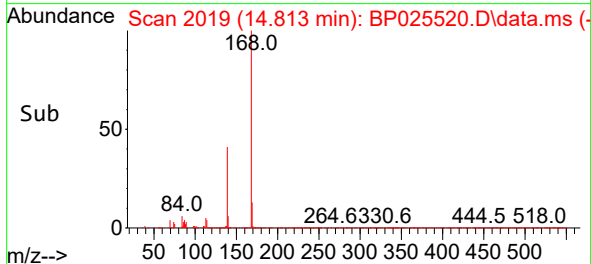
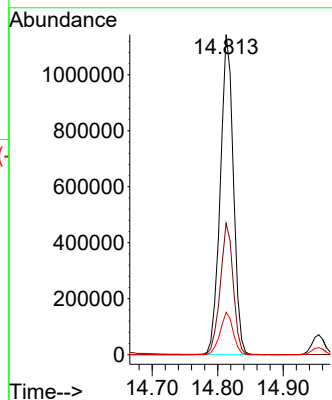
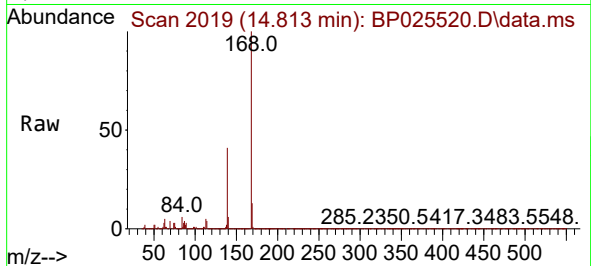




#55  
Dibenzenofuran  
Concen: 45.003 ng  
RT: 14.813 min Scan# 2018  
Delta R.T. 0.006 min  
Lab File: BP025520.D  
Acq: 20 Aug 2025 23:54

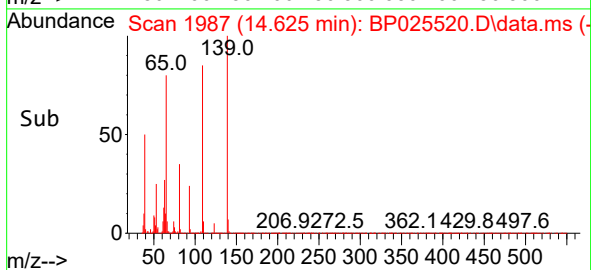
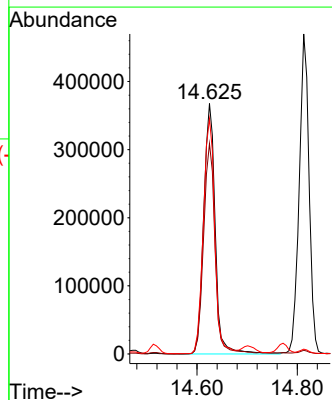
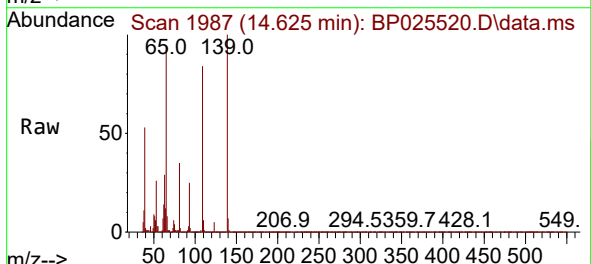
Instrument :  
BNA\_P  
ClientSampleId :

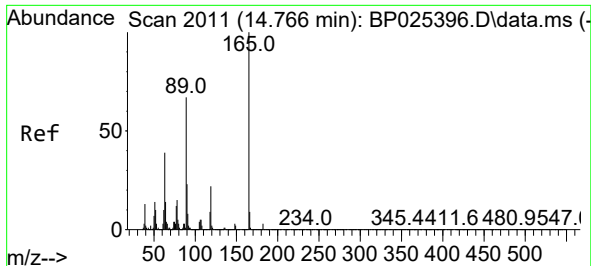
Tgt Ion:168 Resp: 1576282  
Ion Ratio Lower Upper  
168 100  
139 41.1 31.5 47.3  
169 13.2 10.9 16.3



#56  
4-Nitrophenol  
Concen: 101.965 ng  
RT: 14.625 min Scan# 1987  
Delta R.T. 0.012 min  
Lab File: BP025520.D  
Acq: 20 Aug 2025 23:54

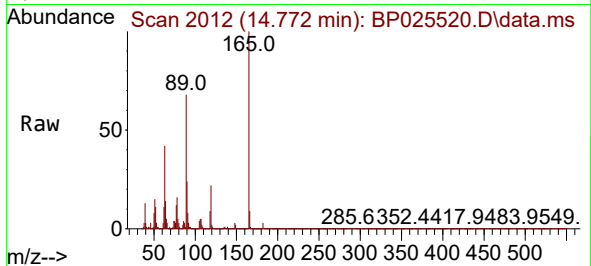
Tgt Ion:139 Resp: 587000  
Ion Ratio Lower Upper  
139 100  
109 84.0 56.6 96.6  
65 94.0 68.2 108.2



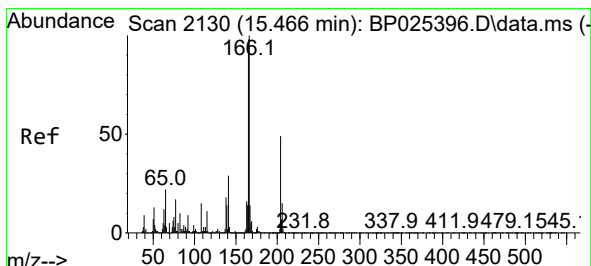
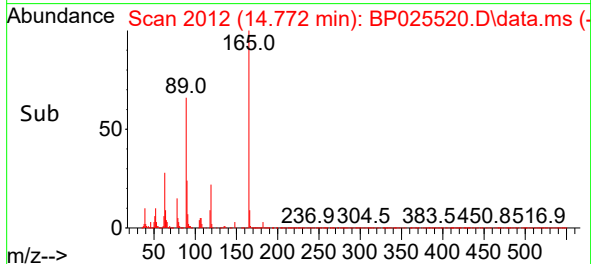
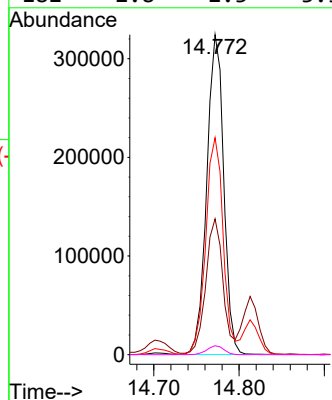


#57  
2,4-Dinitrotoluene  
Concen: 50.455 ng  
RT: 14.772 min Scan# 2011  
Delta R.T. 0.006 min  
Lab File: BP025520.D  
Acq: 20 Aug 2025 23:54

Instrument :  
BNA\_P  
ClientSampleId :

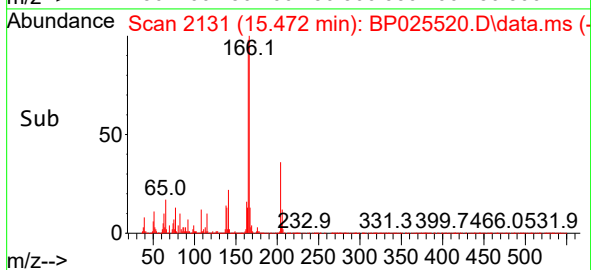
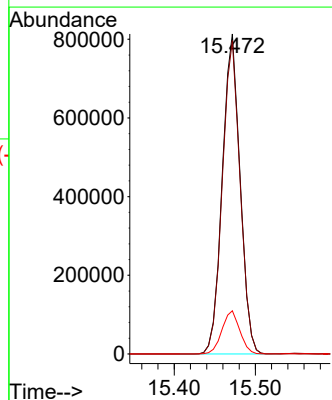
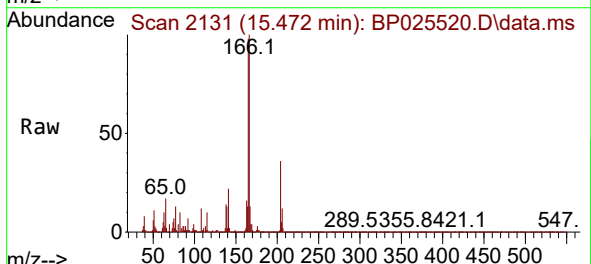


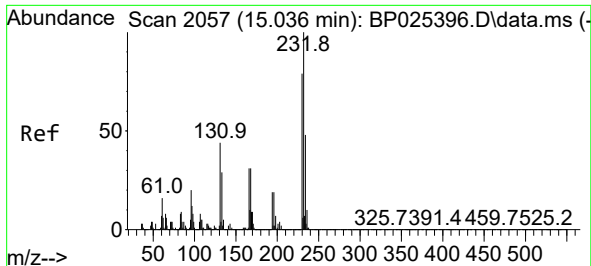
Tgt Ion:165 Resp: 448248  
Ion Ratio Lower Upper  
165 100  
63 42.4 31.4 47.2  
89 67.8 53.3 79.9  
182 2.8 2.3 3.5



#58  
Fluorene  
Concen: 44.904 ng  
RT: 15.472 min Scan# 2131  
Delta R.T. 0.006 min  
Lab File: BP025520.D  
Acq: 20 Aug 2025 23:54

Tgt Ion:166 Resp: 1241069  
Ion Ratio Lower Upper  
166 100  
165 97.9 78.8 118.2  
167 13.5 11.0 16.4

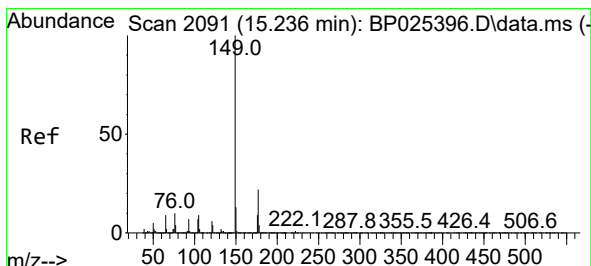
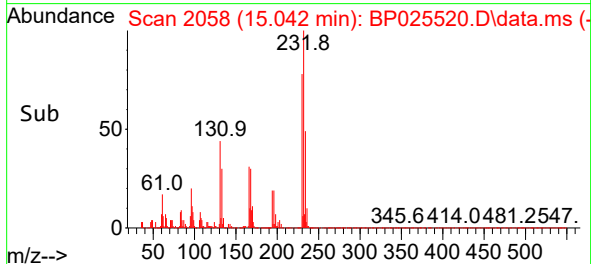
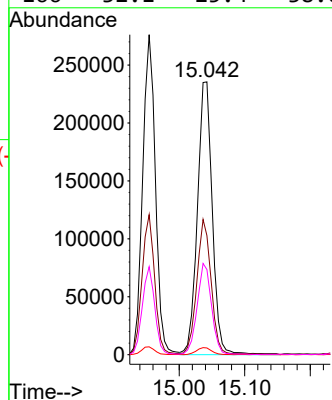
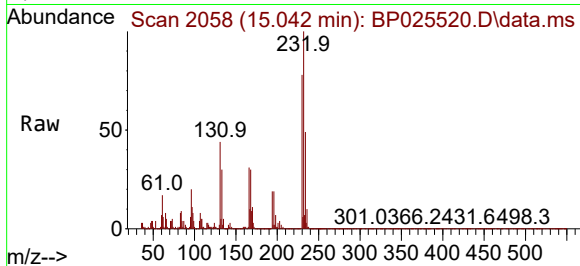




#59  
2,3,4,6-Tetrachlorophenol  
Concen: 49.135 ng  
RT: 15.042 min Scan# 2058  
Delta R.T. 0.006 min  
Lab File: BP025520.D  
Acq: 20 Aug 2025 23:54

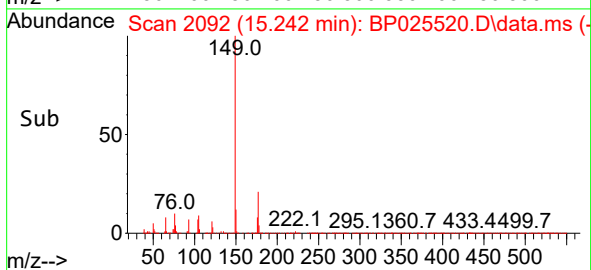
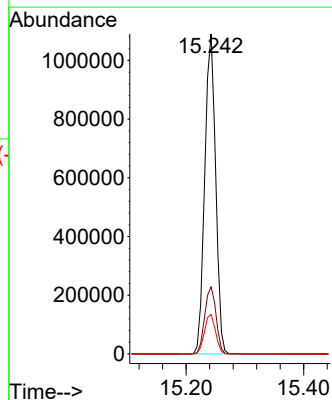
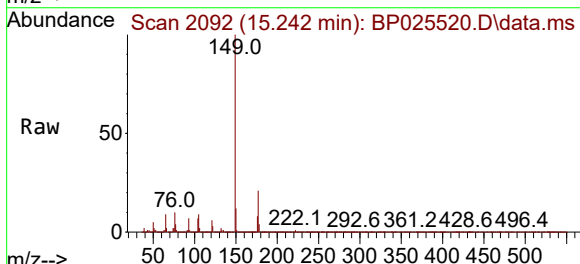
Instrument :  
BNA\_P  
ClientSampleId :

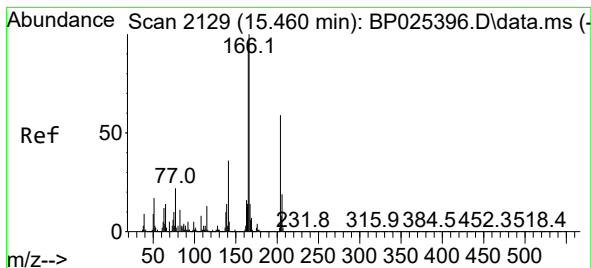
Tgt Ion:232 Resp: 374029  
Ion Ratio Lower Upper  
232 100  
131 47.5 37.0 55.6  
130 2.6 1.9 2.9  
166 32.1 25.4 38.0



#60  
Diethylphthalate  
Concen: 46.559 ng  
RT: 15.242 min Scan# 2092  
Delta R.T. 0.006 min  
Lab File: BP025520.D  
Acq: 20 Aug 2025 23:54

Tgt Ion:149 Resp: 1397636  
Ion Ratio Lower Upper  
149 100  
177 20.9 17.3 25.9  
150 12.4 10.3 15.5

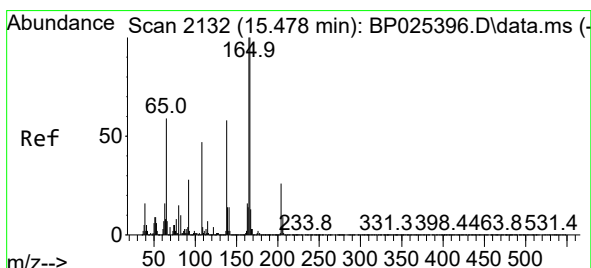
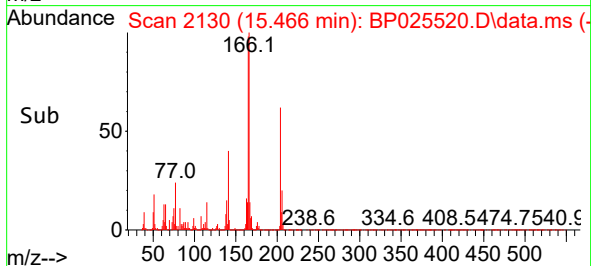
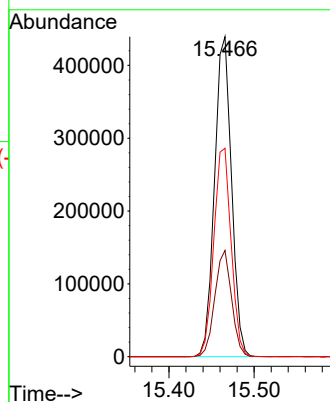
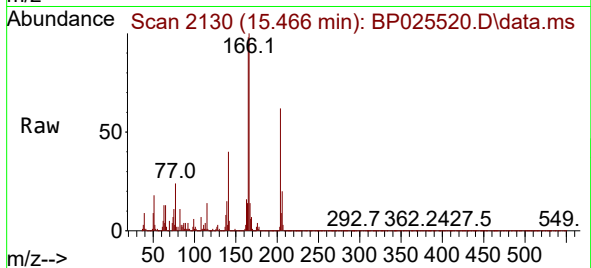




#61  
4-Chlorophenyl-phenylether  
Concen: 44.251 ng  
RT: 15.466 min Scan# 2129  
Delta R.T. 0.006 min  
Lab File: BP025520.D  
Acq: 20 Aug 2025 23:54

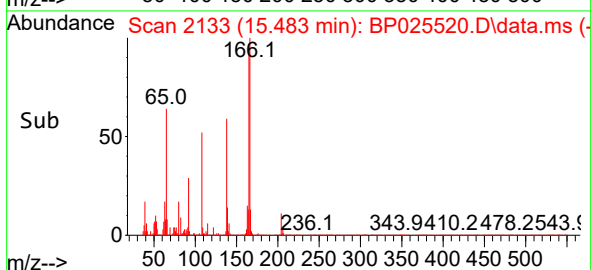
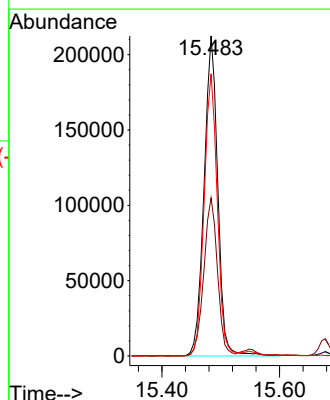
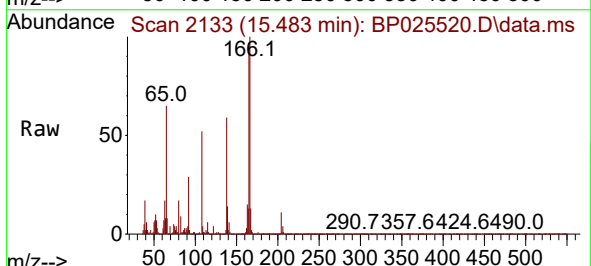
Instrument :  
BNA\_P  
ClientSampleId :

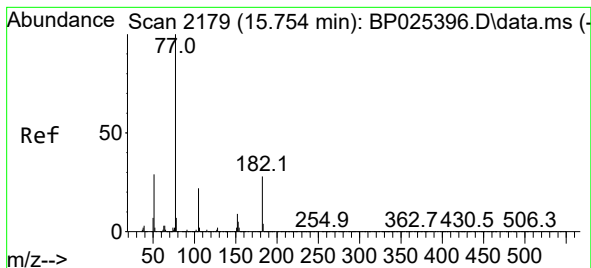
Tgt Ion:204 Resp: 608258  
Ion Ratio Lower Upper  
204 100  
206 33.2 25.8 38.8  
141 65.1 49.4 74.2



#62  
4-Nitroaniline  
Concen: 47.854 ng  
RT: 15.483 min Scan# 2133  
Delta R.T. 0.006 min  
Lab File: BP025520.D  
Acq: 20 Aug 2025 23:54

Tgt Ion:138 Resp: 343690  
Ion Ratio Lower Upper  
138 100  
92 49.4 29.1 69.1  
108 88.2 61.5 101.5





#63

Azobenzene

Concen: 53.725 ng

RT: 15.760 min Scan# 21

Delta R.T. 0.006 min

Lab File: BP025520.D

Acq: 20 Aug 2025 23:54

Instrument :

BNA\_P

ClientSampleId :

Tgt Ion: 77 Resp: 1380940

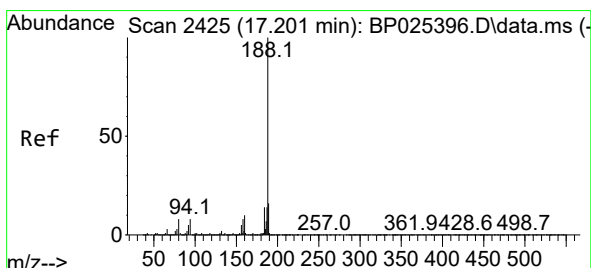
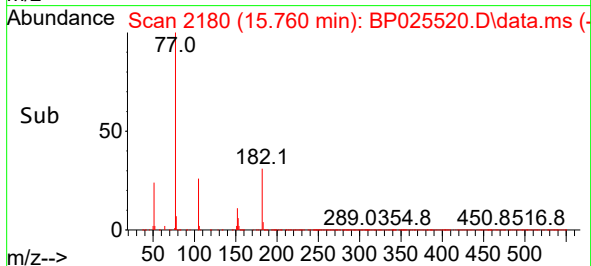
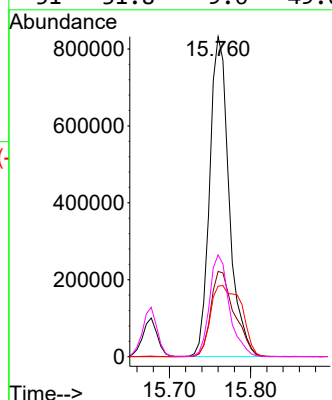
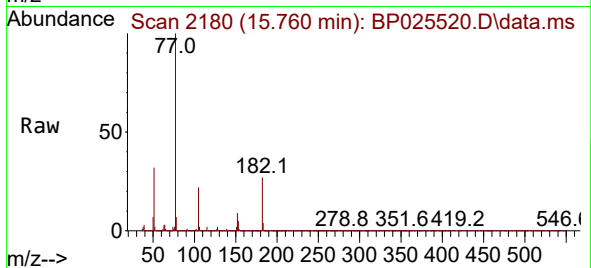
Ion Ratio Lower Upper

77 100

182 26.7 7.5 47.5

105 22.0 2.1 42.1

51 31.8 9.6 49.6



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.213 min Scan# 2427

Delta R.T. 0.012 min

Lab File: BP025520.D

Acq: 20 Aug 2025 23:54

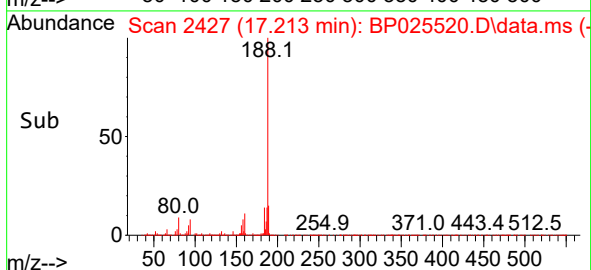
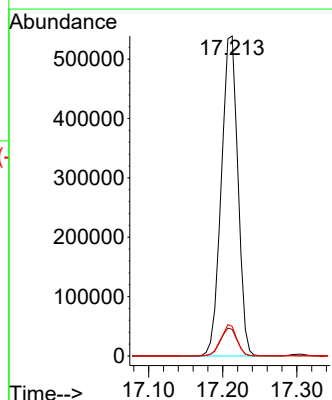
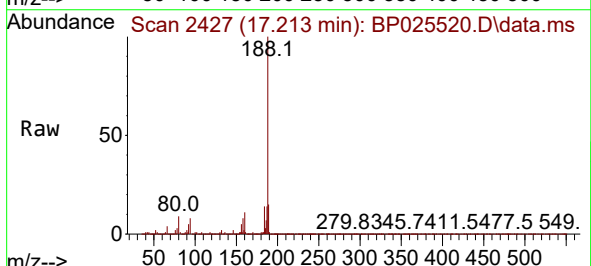
Tgt Ion:188 Resp: 837501

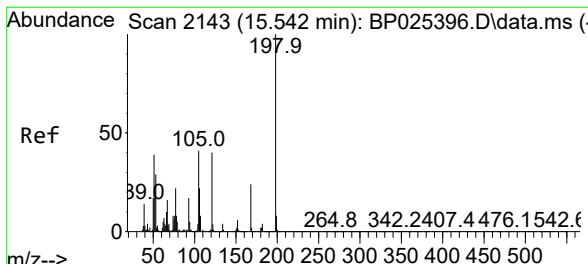
Ion Ratio Lower Upper

188 100

94 8.3 6.6 10.0

80 9.2 6.7 10.1

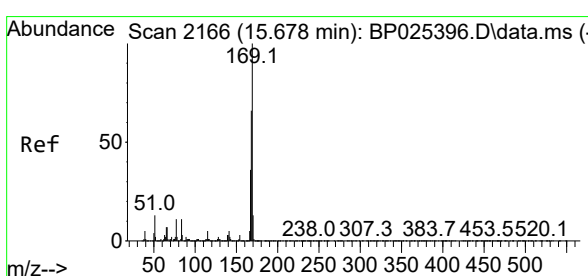
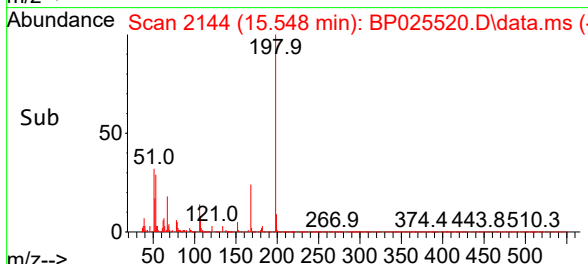
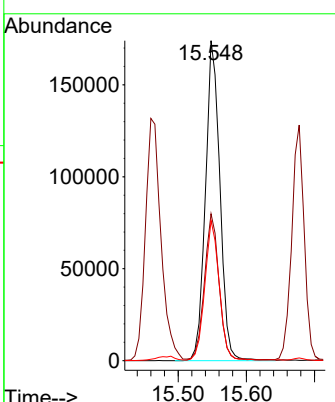
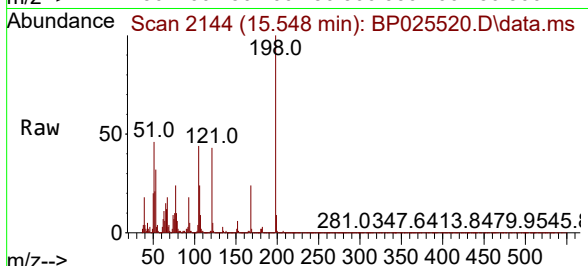




#65  
 4,6-Dinitro-2-methylphenol  
 Concen: 49.248 ng  
 RT: 15.548 min Scan# 2144  
 Delta R.T. 0.006 min  
 Lab File: BP025520.D  
 Acq: 20 Aug 2025 23:54

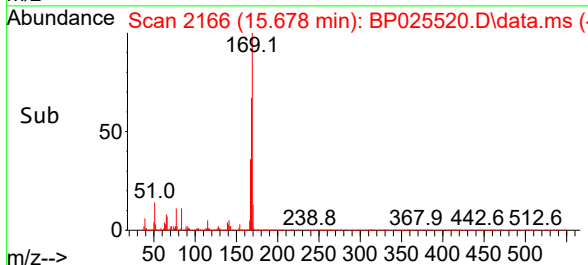
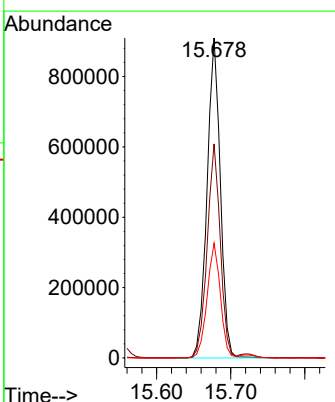
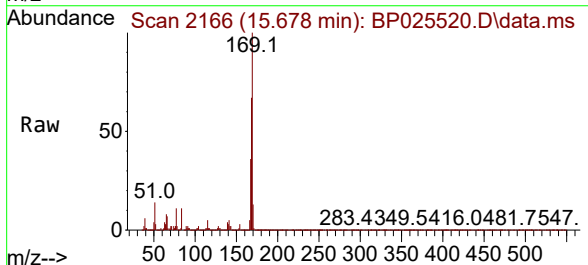
Instrument :  
 BNA\_P  
 ClientSampleId :

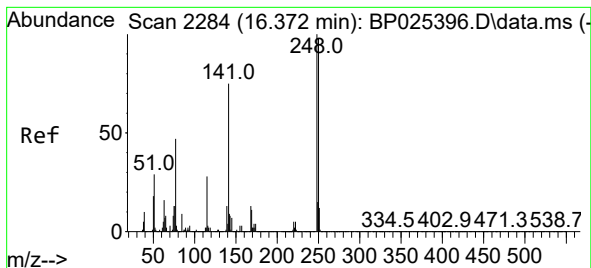
|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 198   | Resp: | 257102 |
| Ion      | Ratio | Lower | Upper  |
| 198      | 100   |       |        |
| 51       | 45.9  | 19.6  | 59.6   |
| 105      | 43.8  | 20.9  | 60.9   |



#66  
 n-Nitrosodiphenylamine  
 Concen: 44.222 ng  
 RT: 15.678 min Scan# 2166  
 Delta R.T. -0.000 min  
 Lab File: BP025520.D  
 Acq: 20 Aug 2025 23:54

|          |       |       |         |
|----------|-------|-------|---------|
| Tgt Ion: | 169   | Resp: | 1129376 |
| Ion      | Ratio | Lower | Upper   |
| 169      | 100   |       |         |
| 168      | 66.9  | 53.2  | 79.8    |
| 167      | 35.9  | 28.7  | 43.1    |

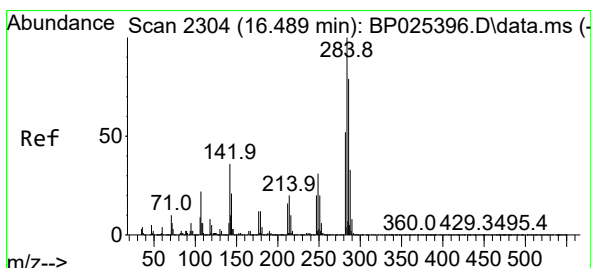
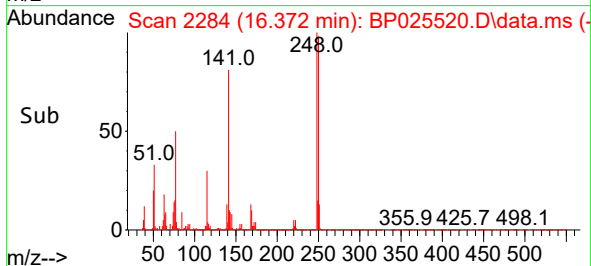
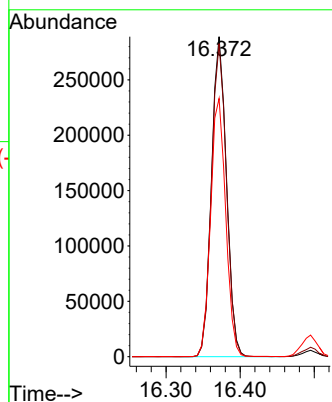
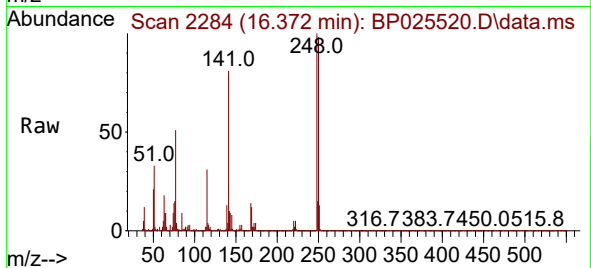




#67  
4-Bromophenyl-phenylether  
Concen: 44.083 ng  
RT: 16.372 min Scan# 21  
Delta R.T. -0.000 min  
Lab File: BP025520.D  
Acq: 20 Aug 2025 23:54

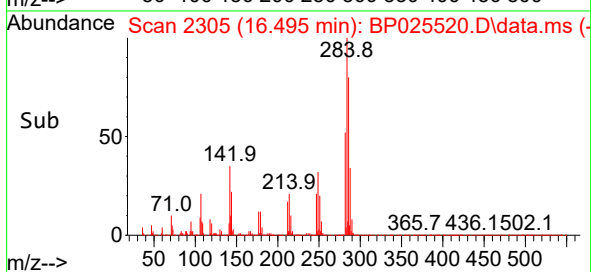
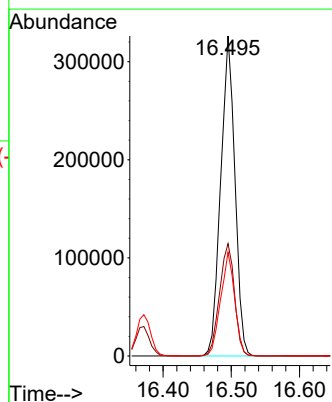
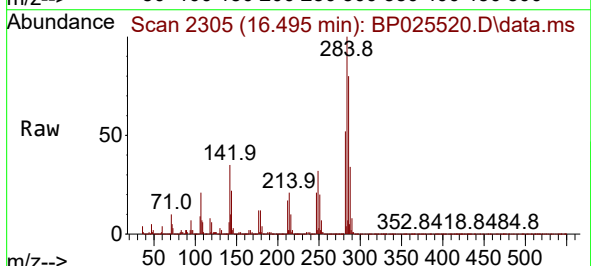
Instrument :  
BNA\_P  
ClientSampleId :

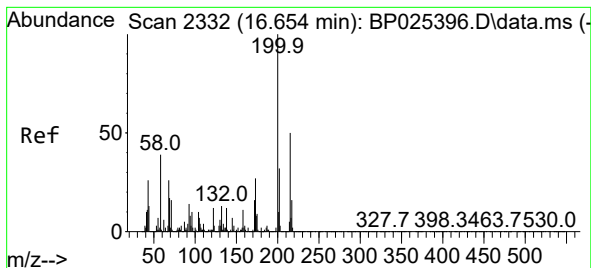
Tgt Ion:248 Resp: 406044  
Ion Ratio Lower Upper  
248 100  
250 97.9 78.2 117.2  
141 80.7 59.6 89.4



#68  
Hexachlorobenzene  
Concen: 44.337 ng  
RT: 16.495 min Scan# 2305  
Delta R.T. 0.006 min  
Lab File: BP025520.D  
Acq: 20 Aug 2025 23:54

Tgt Ion:284 Resp: 473408  
Ion Ratio Lower Upper  
284 100  
142 35.1 29.1 43.7  
249 32.4 25.0 37.4





#69

Atrazine

Concen: 46.980 ng

RT: 16.654 min Scan# 21

Delta R.T. -0.000 min

Lab File: BP025520.D

Acq: 20 Aug 2025 23:54

Instrument :

BNA\_P

ClientSampleId :

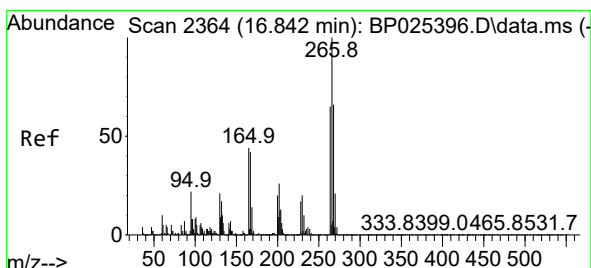
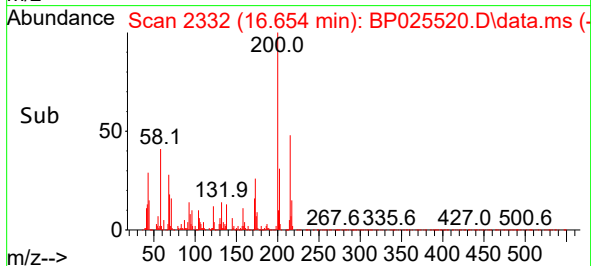
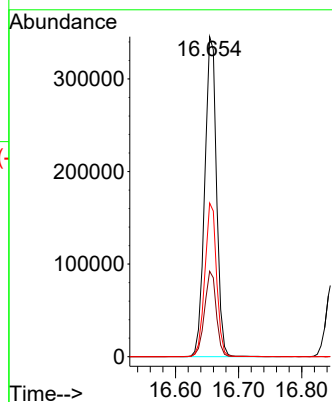
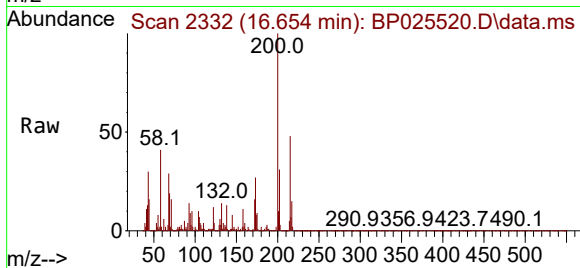
Tgt Ion:200 Resp: 449335

Ion Ratio Lower Upper

200 100

173 26.7 6.7 46.7

215 48.0 29.7 69.7



#70

Pentachlorophenol

Concen: 97.917 ng

RT: 16.848 min Scan# 2365

Delta R.T. 0.006 min

Lab File: BP025520.D

Acq: 20 Aug 2025 23:54

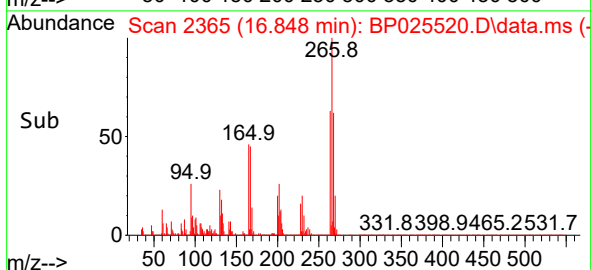
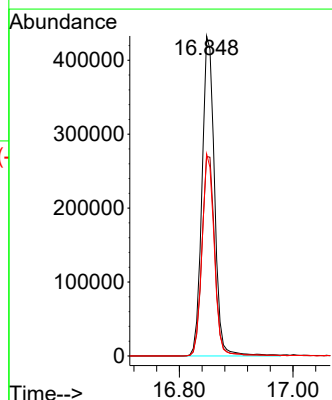
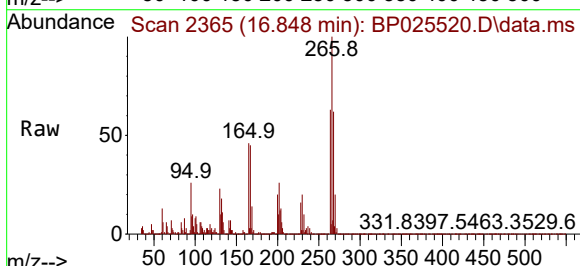
Tgt Ion:266 Resp: 659972

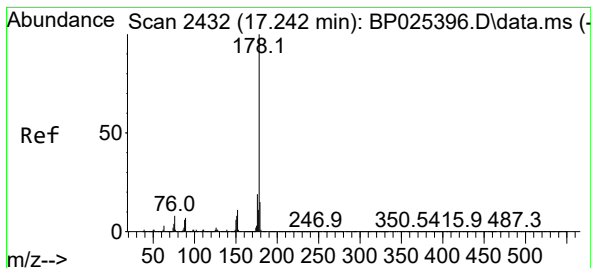
Ion Ratio Lower Upper

266 100

268 62.4 52.6 79.0

264 63.1 52.0 78.0





#71

Phenanthrene

Concen: 45.067 ng

RT: 17.248 min Scan# 2432

Delta R.T. 0.006 min

Lab File: BP025520.D

Acq: 20 Aug 2025 23:54

Instrument :

BNA\_P

ClientSampleId :

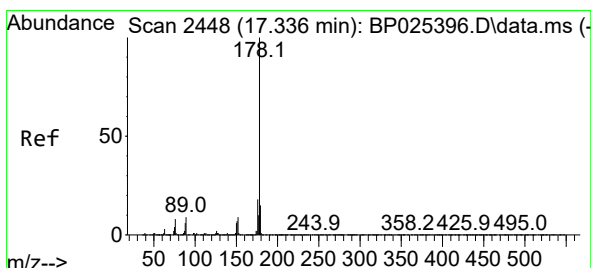
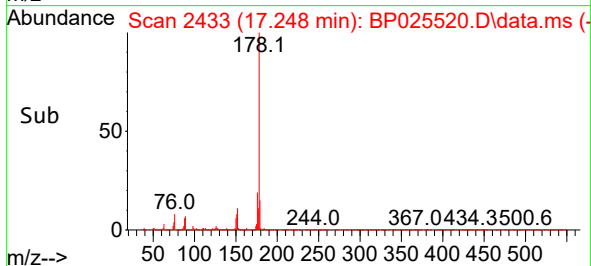
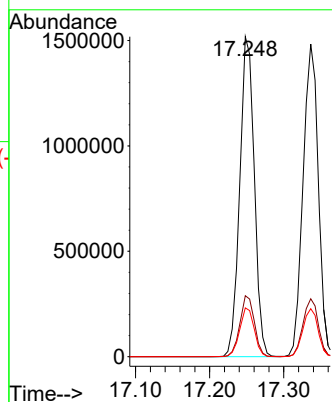
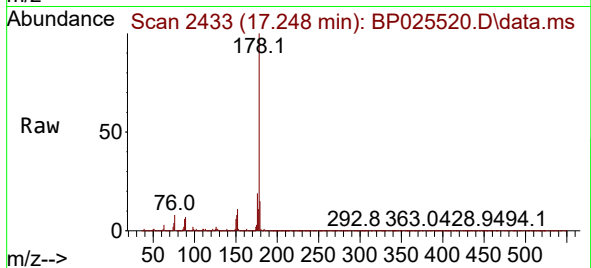
Tgt Ion:178 Resp: 2073388

Ion Ratio Lower Upper

178 100

176 19.0 15.5 23.3

179 15.3 12.2 18.4



#72

Anthracene

Concen: 45.289 ng

RT: 17.336 min Scan# 2448

Delta R.T. -0.000 min

Lab File: BP025520.D

Acq: 20 Aug 2025 23:54

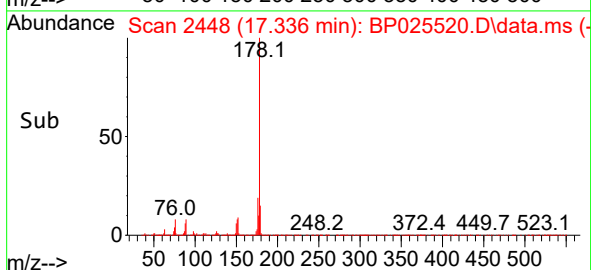
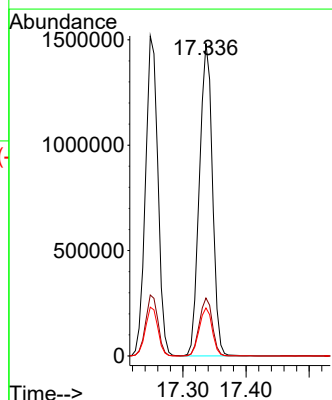
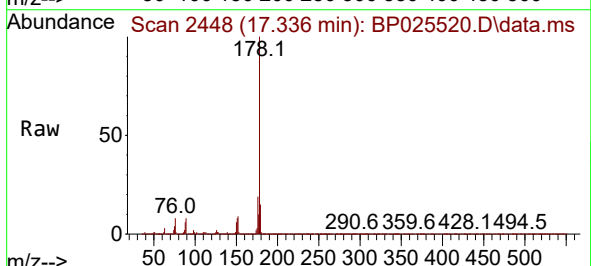
Tgt Ion:178 Resp: 2127785

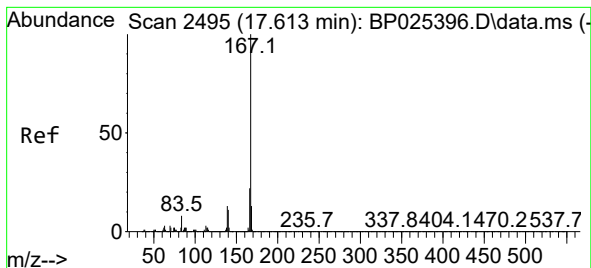
Ion Ratio Lower Upper

178 100

176 18.5 14.7 22.1

179 15.4 12.2 18.2





#73

Carbazole

Concen: 46.915 ng

RT: 17.619 min Scan# 2495

Delta R.T. 0.006 min

Lab File: BP025520.D

Acq: 20 Aug 2025 23:54

Instrument :

BNA\_P

ClientSampleId :

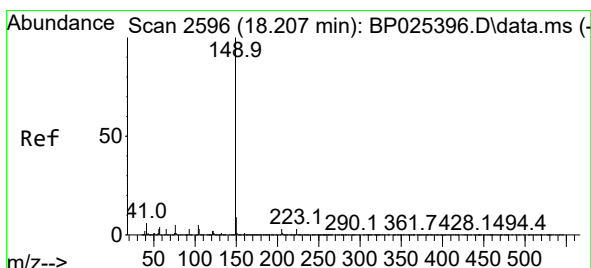
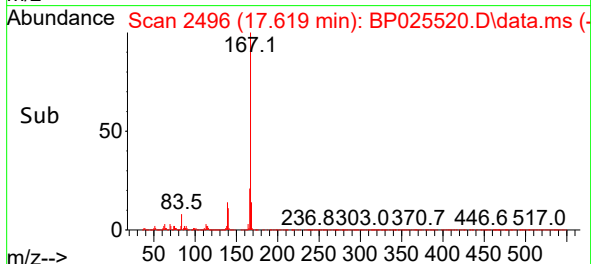
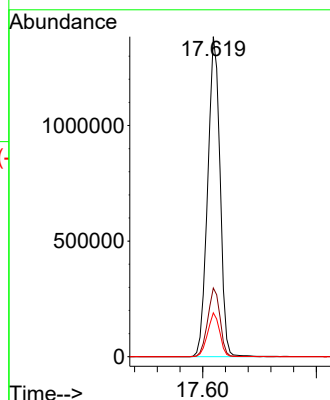
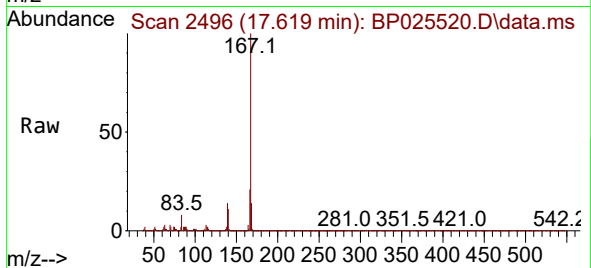
Tgt Ion:167 Resp: 2076151

Ion Ratio Lower Upper

167 100

166 21.4 17.5 26.3

139 13.7 10.6 16.0



#74

Di-n-butylphthalate

Concen: 48.277 ng

RT: 18.213 min Scan# 2597

Delta R.T. 0.006 min

Lab File: BP025520.D

Acq: 20 Aug 2025 23:54

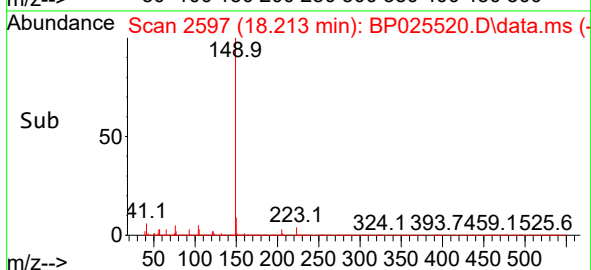
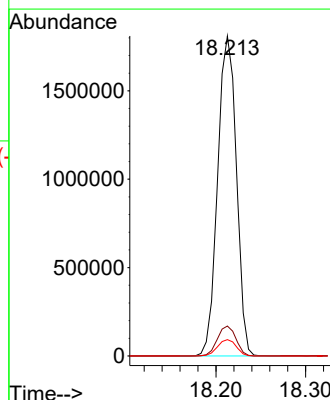
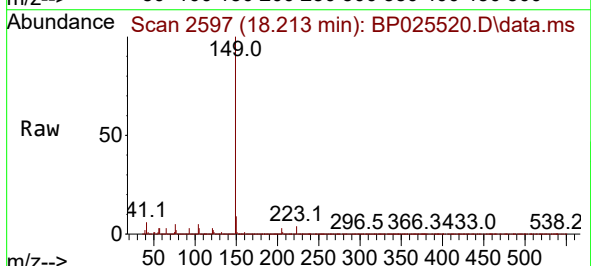
Tgt Ion:149 Resp: 2628515

Ion Ratio Lower Upper

149 100

150 9.3 7.4 11.0

104 5.1 4.2 6.2





#75

Fluoranthene

Concen: 45.975 ng

RT: 19.330 min Scan# 21

Delta R.T. 0.006 min

Lab File: BP025520.D

Acq: 20 Aug 2025 23:54

Instrument :

BNA\_P

ClientSampleId :

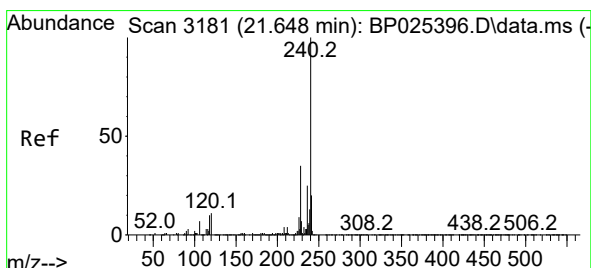
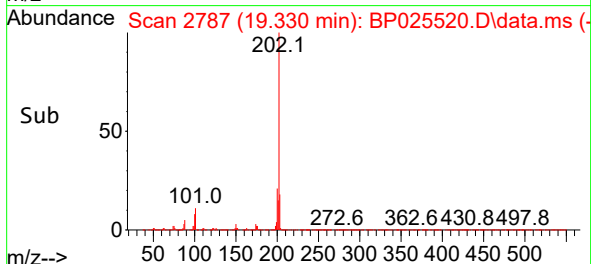
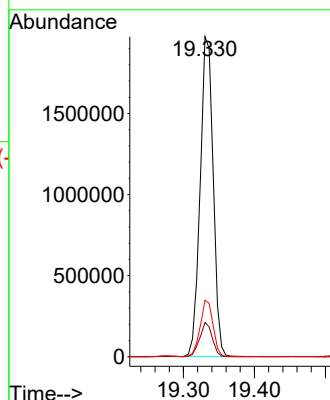
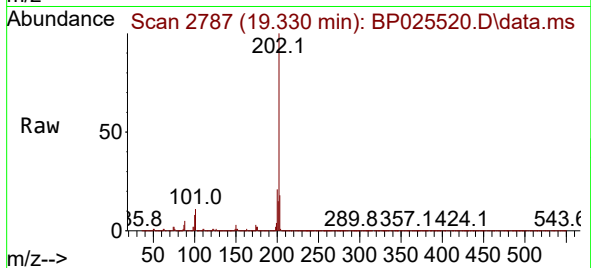
Tgt Ion:202 Resp: 2523020

Ion Ratio Lower Upper

202 100

101 10.6 0.0 31.1

203 17.7 0.0 37.3



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.648 min Scan# 3181

Delta R.T. -0.000 min

Lab File: BP025520.D

Acq: 20 Aug 2025 23:54

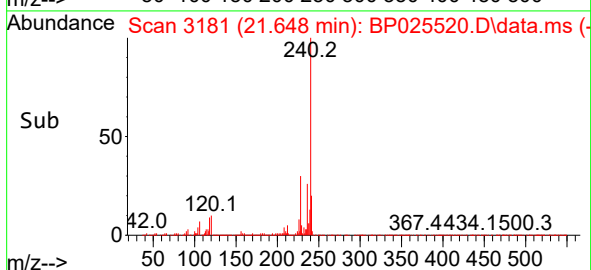
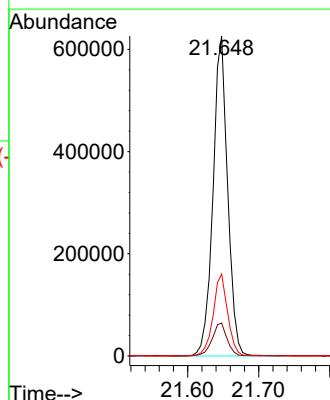
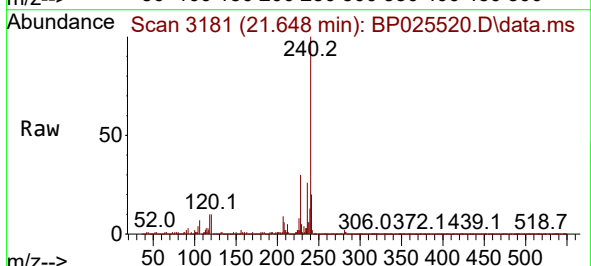
Tgt Ion:240 Resp: 894140

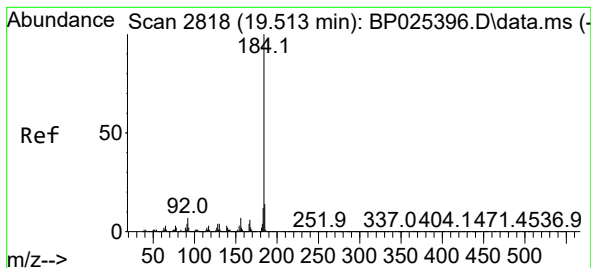
Ion Ratio Lower Upper

240 100

120 10.3 8.9 13.3

236 25.6 19.8 29.8





#77

Benzidine

Concen: 42.697 ng

RT: 19.519 min Scan# 2819

Delta R.T. 0.006 min

Lab File: BP025520.D

Acq: 20 Aug 2025 23:54

Instrument :

BNA\_P

ClientSampleId :

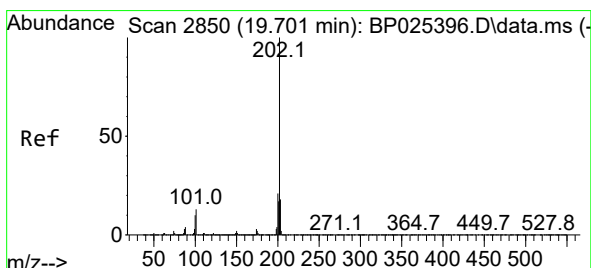
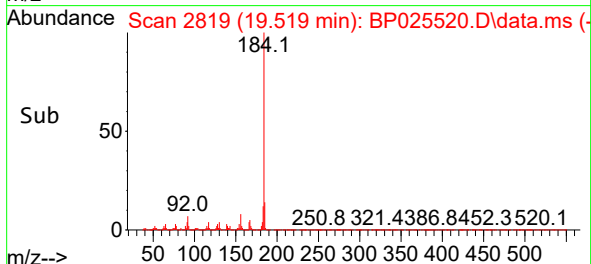
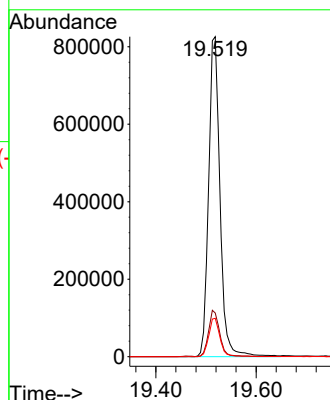
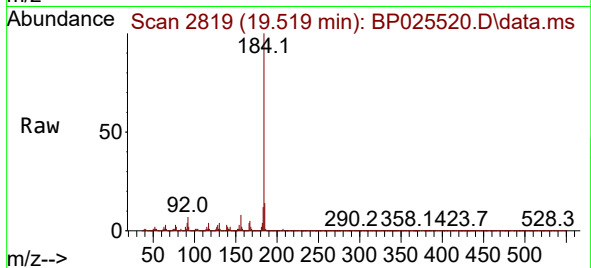
Tgt Ion:184 Resp: 1302891

Ion Ratio Lower Upper

184 100

185 13.6 11.5 17.3

183 12.0 9.4 14.2



#78

Pyrene

Concen: 45.167 ng

RT: 19.707 min Scan# 2851

Delta R.T. 0.006 min

Lab File: BP025520.D

Acq: 20 Aug 2025 23:54

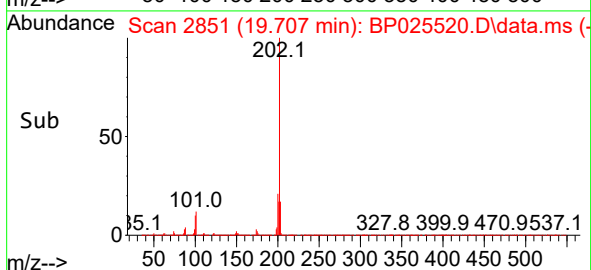
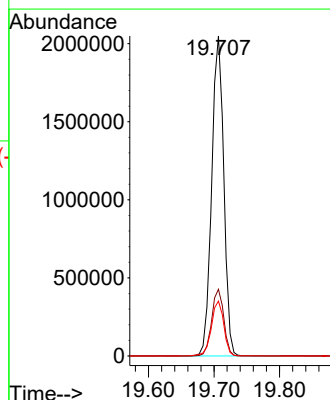
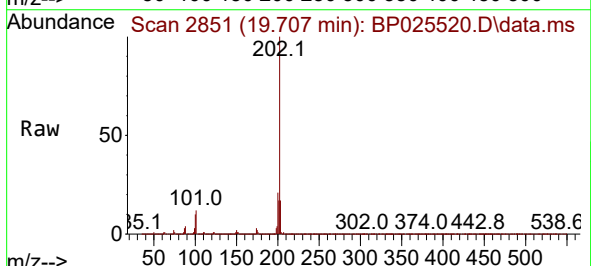
Tgt Ion:202 Resp: 2624941

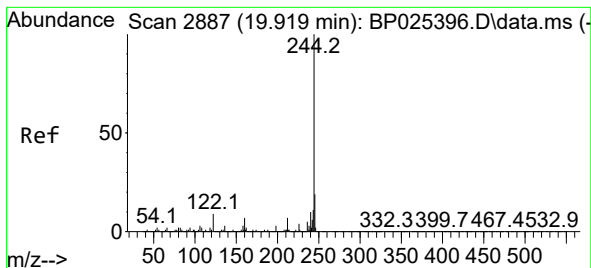
Ion Ratio Lower Upper

202 100

200 20.8 16.9 25.3

203 17.2 14.2 21.2





#79

Terphenyl-d14

Concen: 56.813 ng

RT: 19.919 min Scan# 2887

Delta R.T. -0.000 min

Lab File: BP025520.D

Acq: 20 Aug 2025 23:54

Instrument :

BNA\_P

ClientSampleId :

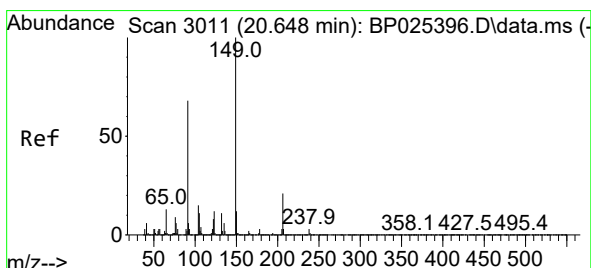
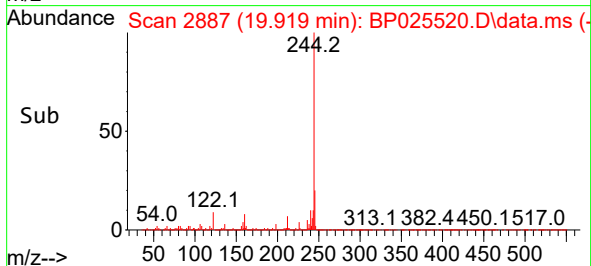
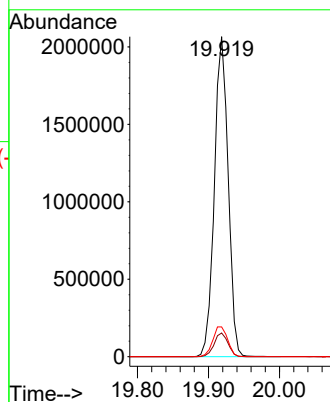
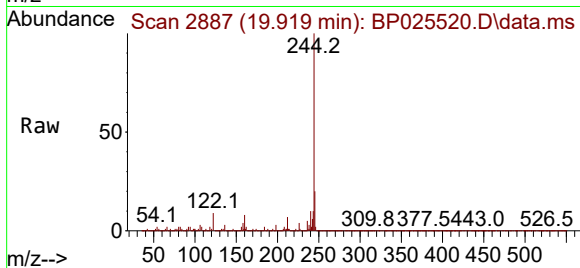
Tgt Ion:244 Resp: 2776530

Ion Ratio Lower Upper

244 100

212 7.4 5.8 8.6

122 9.3 7.4 11.2



#80

Butylbenzylphthalate

Concen: 48.436 ng

RT: 20.648 min Scan# 3011

Delta R.T. -0.000 min

Lab File: BP025520.D

Acq: 20 Aug 2025 23:54

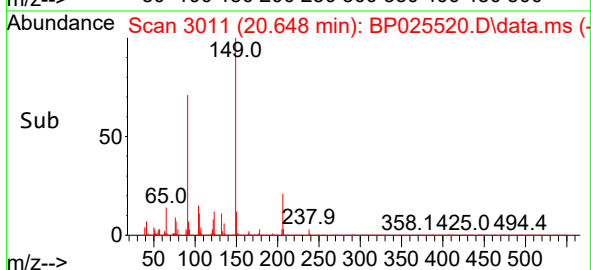
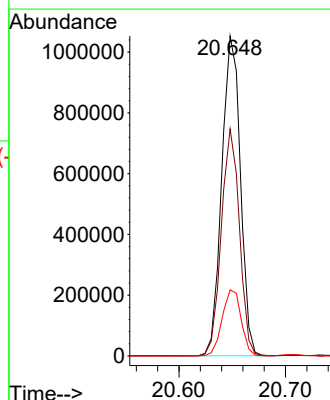
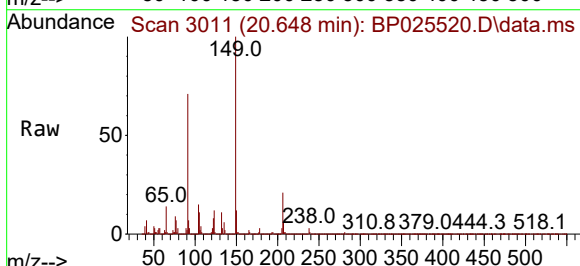
Tgt Ion:149 Resp: 1275745

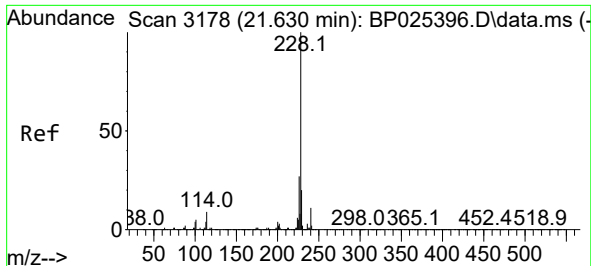
Ion Ratio Lower Upper

149 100

91 70.9 54.2 81.2

206 20.7 16.6 24.8

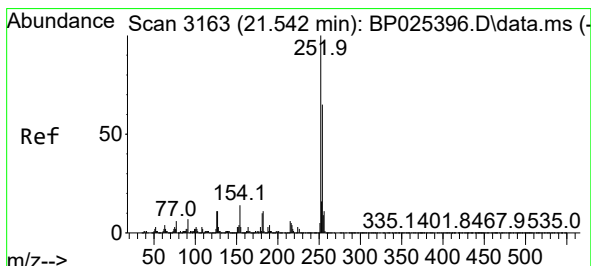
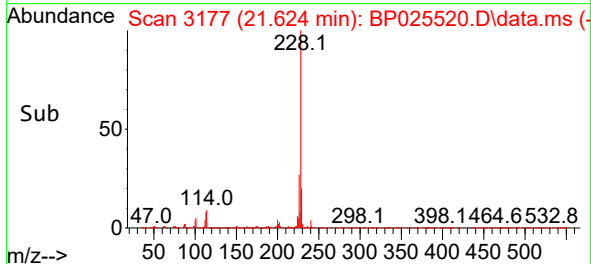
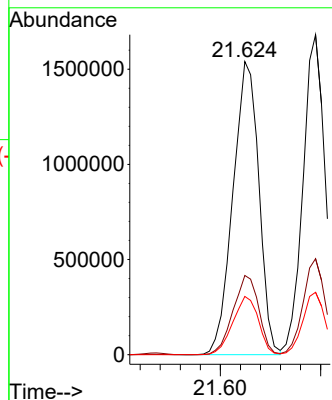
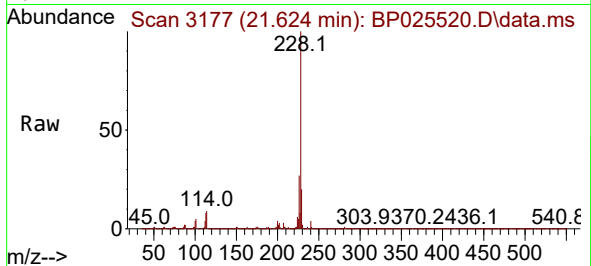




#81  
Benzo(a)anthracene  
Concen: 46.979 ng  
RT: 21.624 min Scan# 3177  
Delta R.T. -0.006 min  
Lab File: BP025520.D  
Acq: 20 Aug 2025 23:54

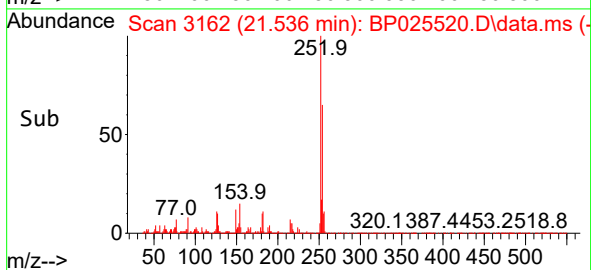
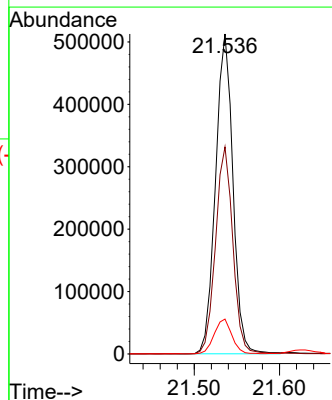
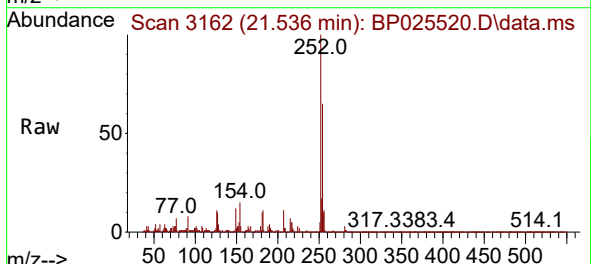
Instrument :  
BNA\_P  
ClientSampleId :

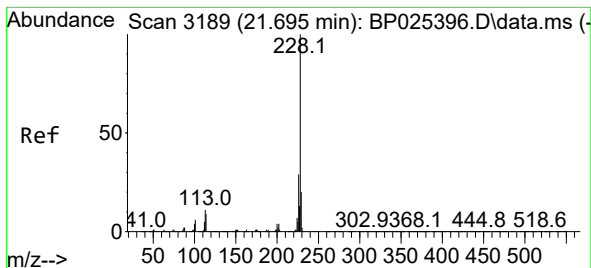
Tgt Ion:228 Resp: 2770305  
Ion Ratio Lower Upper  
228 100  
226 27.0 21.7 32.5  
229 19.9 15.6 23.4



#82  
3,3'-Dichlorobenzidine  
Concen: 32.723 ng  
RT: 21.536 min Scan# 3162  
Delta R.T. -0.006 min  
Lab File: BP025520.D  
Acq: 20 Aug 2025 23:54

Tgt Ion:252 Resp: 727315  
Ion Ratio Lower Upper  
252 100  
254 64.7 51.8 77.6  
126 10.9 9.1 13.7





#83

Chrysene

Concen: 46.430 ng

RT: 21.695 min Scan# 3189

Delta R.T. -0.000 min

Lab File: BP025520.D

Acq: 20 Aug 2025 23:54

Instrument :

BNA\_P

ClientSampleId :

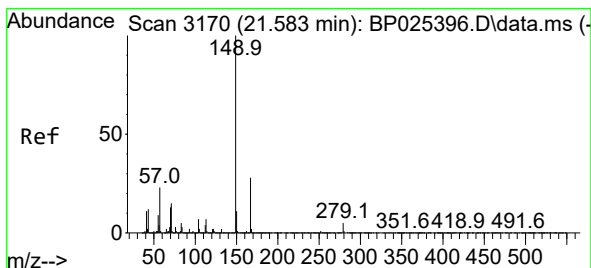
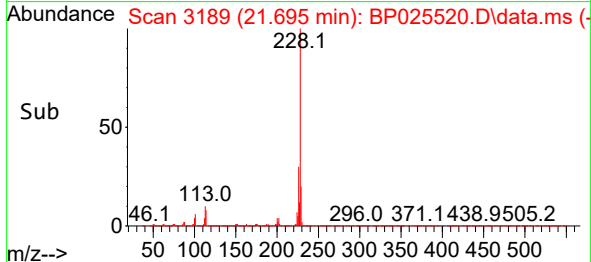
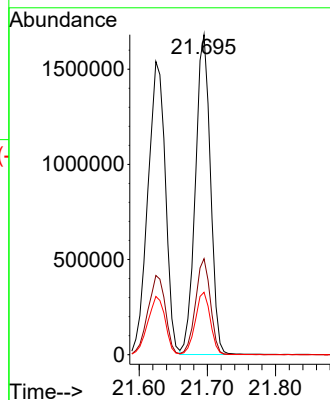
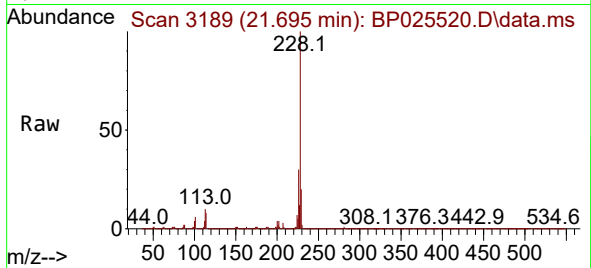
Tgt Ion:228 Resp: 2564073

Ion Ratio Lower Upper

228 100

226 30.0 23.2 34.8

229 19.5 15.6 23.4



#84

Bis(2-ethylhexyl)phthalate

Concen: 48.156 ng

RT: 21.560 min Scan# 3166

Delta R.T. -0.024 min

Lab File: BP025520.D

Acq: 20 Aug 2025 23:54

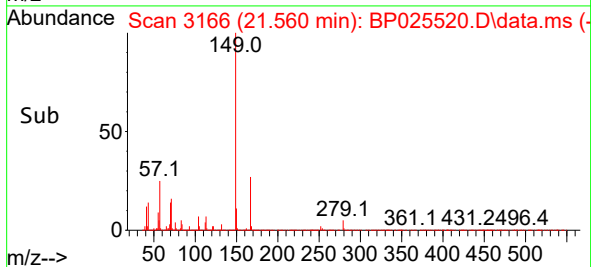
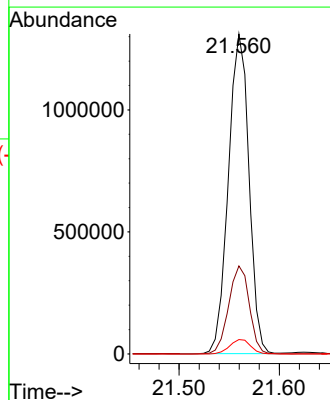
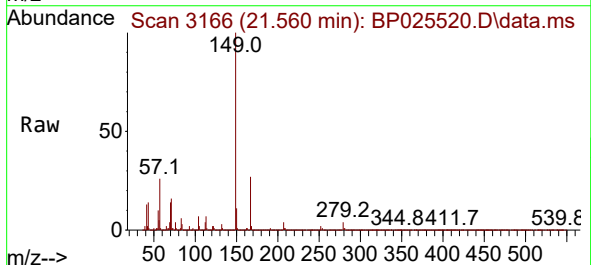
Tgt Ion:149 Resp: 1867112

Ion Ratio Lower Upper

149 100

167 27.5 22.1 33.1

279 4.5 3.8 5.6





#85

Di-n-octyl phthalate

Concen: 49.169 ng

RT: 22.842 min Scan# 31

Delta R.T. -0.029 min

Lab File: BP025520.D

Acq: 20 Aug 2025 23:54

Instrument :

BNA\_P

ClientSampleId :

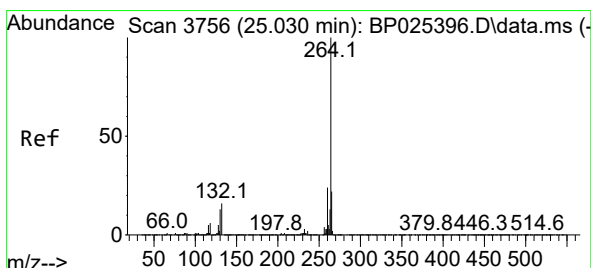
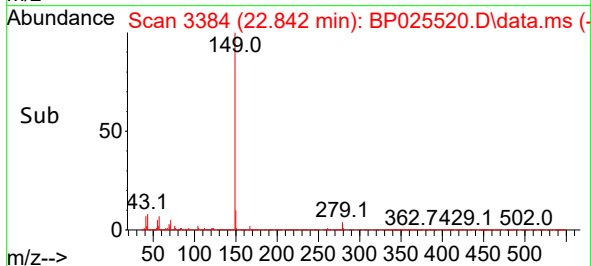
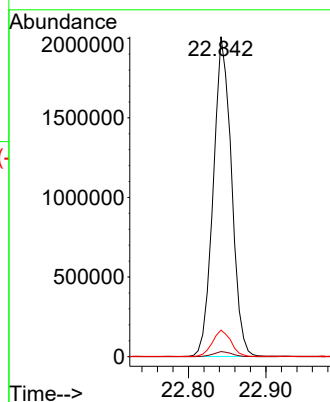
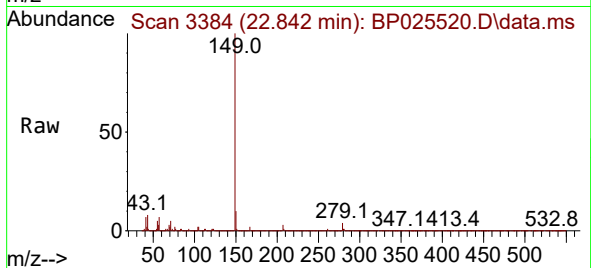
Tgt Ion:149 Resp: 3279123

Ion Ratio Lower Upper

149 100

167 1.6 1.3 1.9

43 8.3 6.3 9.5



#86

Perylene-d12

Concen: 20.000 ng

RT: 25.012 min Scan# 3753

Delta R.T. -0.018 min

Lab File: BP025520.D

Acq: 20 Aug 2025 23:54

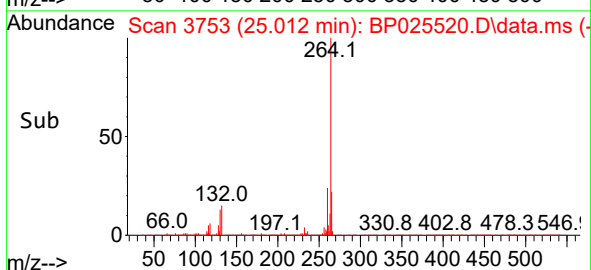
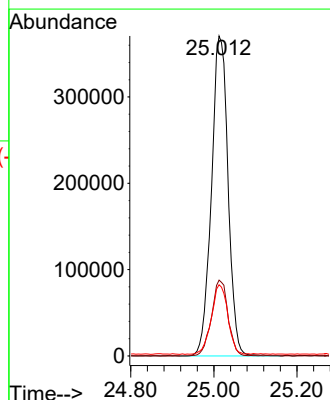
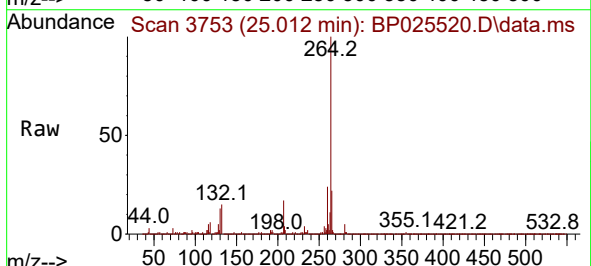
Tgt Ion:264 Resp: 1028739

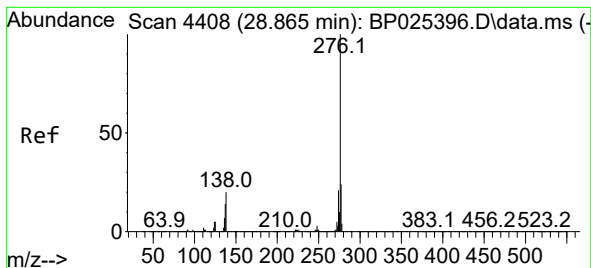
Ion Ratio Lower Upper

264 100

260 23.7 19.3 28.9

265 22.2 17.4 26.0





#87

Indeno(1,2,3-cd)pyrene

Concen: 38.657 ng

RT: 28.836 min Scan# 4408

Delta R.T. -0.029 min

Lab File: BP025520.D

Acq: 20 Aug 2025 23:54

Instrument :

BNA\_P

ClientSampleId :

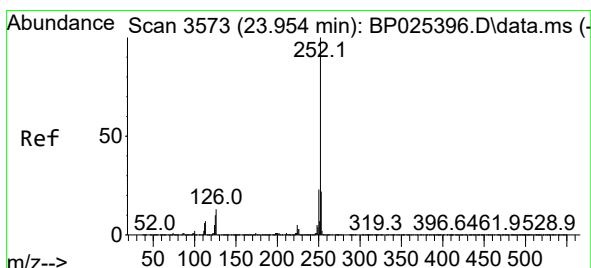
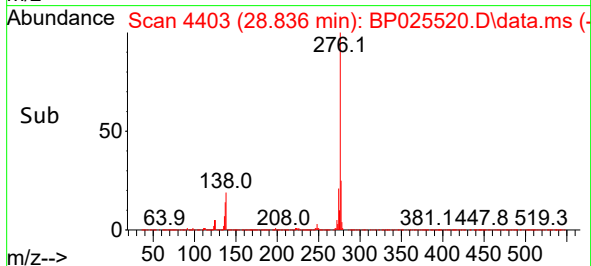
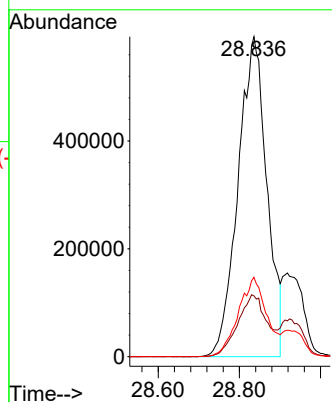
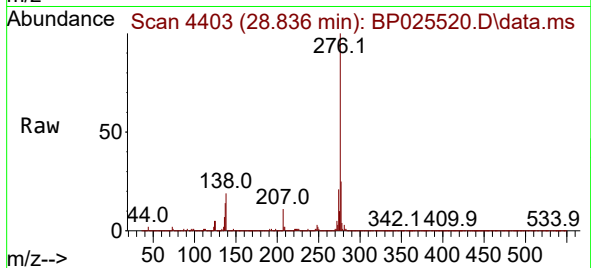
Tgt Ion:276 Resp: 2916461

Ion Ratio Lower Upper

276 100

138 19.3 12.9 19.3

277 24.5 17.0 25.6



#88

Benzo(b)fluoranthene

Concen: 45.628 ng

RT: 23.930 min Scan# 3569

Delta R.T. -0.024 min

Lab File: BP025520.D

Acq: 20 Aug 2025 23:54

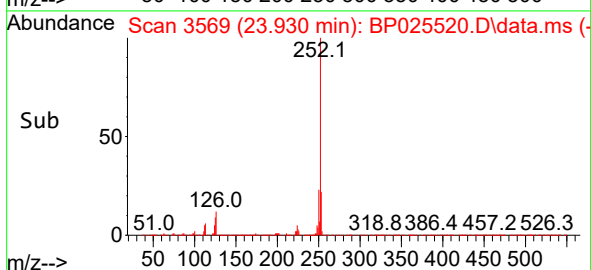
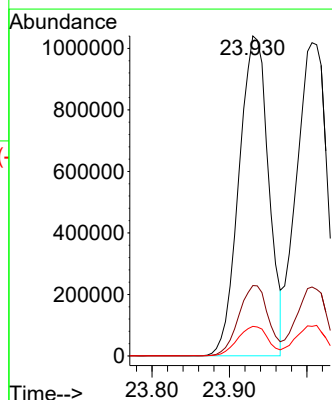
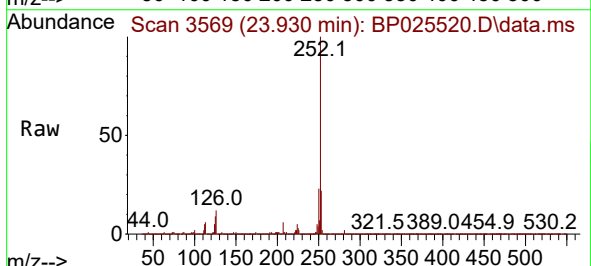
Tgt Ion:252 Resp: 2767890

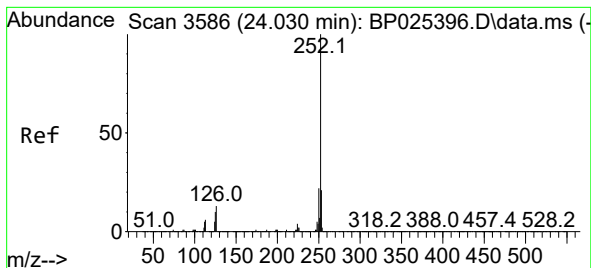
Ion Ratio Lower Upper

252 100

253 22.0 17.7 26.5

125 9.2 7.9 11.9





#89

Benzo(k)fluoranthene

Concen: 46.426 ng

RT: 24.007 min Scan# 3586

Delta R.T. -0.024 min

Lab File: BP025520.D

Acq: 20 Aug 2025 23:54

Instrument :

BNA\_P

ClientSampleId :

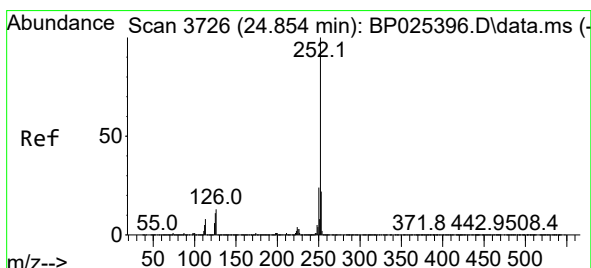
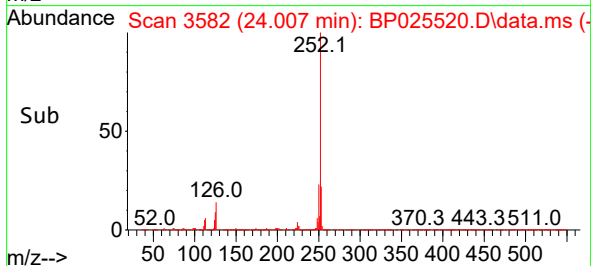
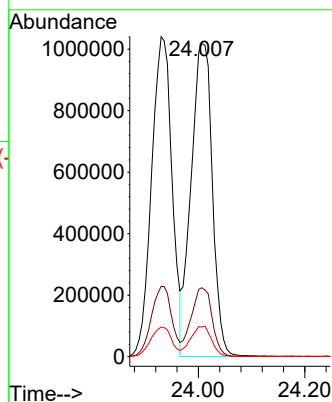
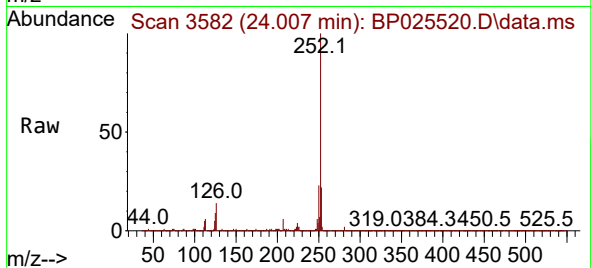
Tgt Ion:252 Resp: 2818197

Ion Ratio Lower Upper

252 100

253 22.0 17.1 25.7

125 9.5 7.8 11.6



#90

Benzo(a)pyrene

Concen: 45.835 ng

RT: 24.854 min Scan# 3726

Delta R.T. -0.000 min

Lab File: BP025520.D

Acq: 20 Aug 2025 23:54

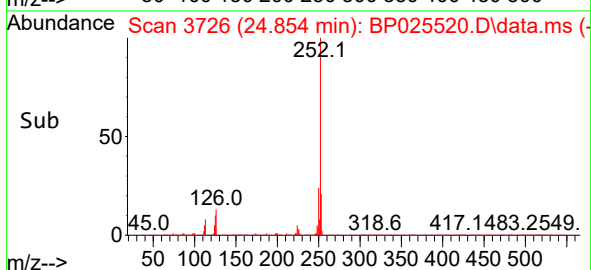
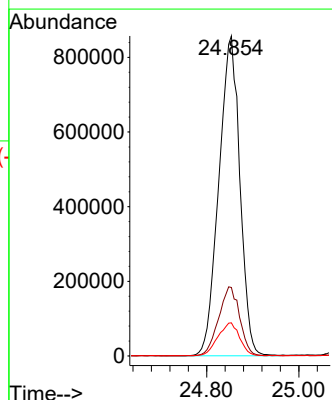
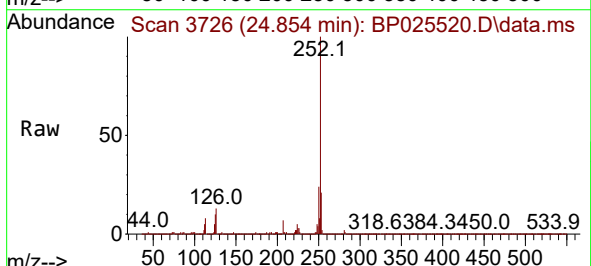
Tgt Ion:252 Resp: 2706532

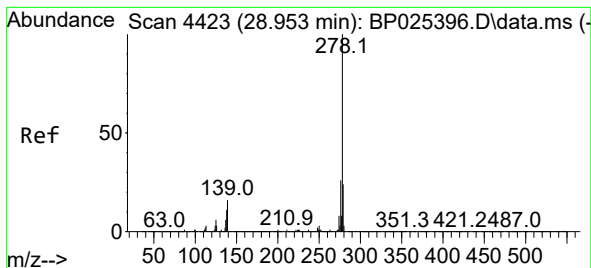
Ion Ratio Lower Upper

252 100

253 21.4 17.5 26.3

125 10.4 8.7 13.1





#91

Dibenzo(a,h)anthracene

Concen: 46.156 ng

RT: 28.936 min Scan# 4423

Delta R.T. -0.018 min

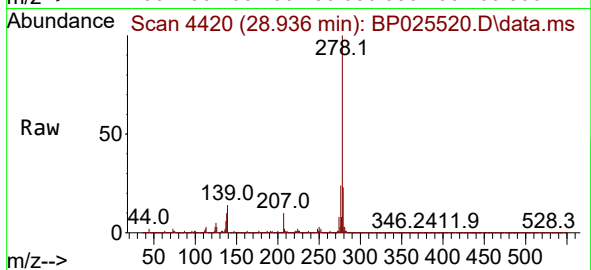
Lab File: BP025520.D

Acq: 20 Aug 2025 23:54

Instrument :

BNA\_P

ClientSampleId :



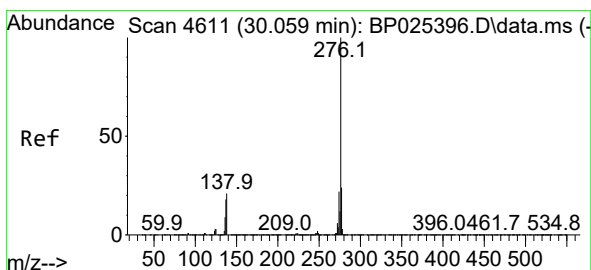
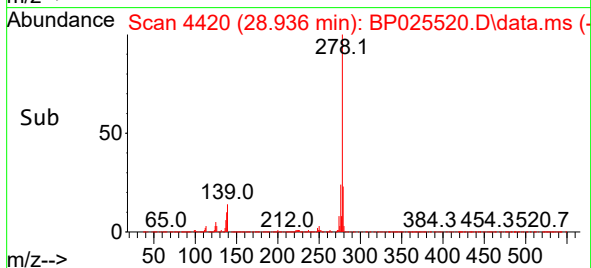
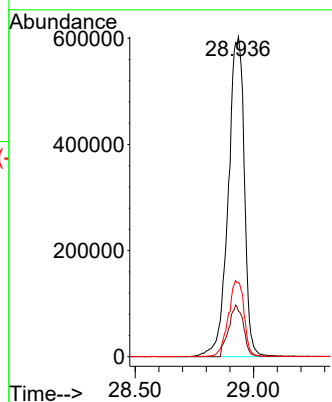
Tgt Ion:278 Resp: 2845641

Ion Ratio Lower Upper

278 100

139 14.2 13.0 19.4

279 23.2 19.4 29.2



#92

Benzo(g,h,i)perylene

Concen: 46.657 ng

RT: 30.036 min Scan# 4607

Delta R.T. -0.024 min

Lab File: BP025520.D

Acq: 20 Aug 2025 23:54

Tgt Ion:276 Resp: 2827568

Ion Ratio Lower Upper

276 100

277 23.8 19.4 29.0

138 19.9 16.7 25.1

