

Data Path : Z:\svoasrv\HPCHEM1\BNA\_P\Data\BP081225\  
 Data File : BP025362.D  
 Acq On : 12 Aug 2025 11:30  
 Operator : CG/JU  
 Sample : PB169176BS  
 Misc :  
 ALS Vial : 4 Sample Multiplier: 1

Instrument :  
 BNA\_P  
 ClientSampleId :  
 PB169176BS

Quant Time: Aug 12 11:51:55 2025  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_P\Methods\8270E-BP080525.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Wed Aug 06 06:41:44 2025  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc    | Units | Dev(Min) |
|-------------------------------|--------|------|----------|---------|-------|----------|
| -----                         |        |      |          |         |       |          |
| Internal Standards            |        |      |          |         |       |          |
| 1) 1,4-Dichlorobenzene-d4     | 7.796  | 152  | 223200   | 20.000  | ng    | 0.00     |
| 21) Naphthalene-d8            | 10.572 | 136  | 886480   | 20.000  | ng    | 0.00     |
| 39) Acenaphthene-d10          | 14.425 | 164  | 559934   | 20.000  | ng    | 0.00     |
| 64) Phenanthrene-d10          | 17.225 | 188  | 1136515  | 20.000  | ng    | 0.00     |
| 76) Chrysene-d12              | 21.666 | 240  | 1132010  | 20.000  | ng    | 0.00     |
| 86) Perylene-d12              | 25.054 | 264  | 1223220  | 20.000  | ng    | 0.02     |
| System Monitoring Compounds   |        |      |          |         |       |          |
| 5) 2-Fluorophenol             | 5.414  | 112  | 1742569  | 125.568 | ng    | 0.00     |
| 7) Phenol-d6                  | 6.978  | 99   | 2158841  | 118.204 | ng    | 0.01     |
| 23) Nitrobenzene-d5           | 8.937  | 82   | 1345724  | 84.102  | ng    | 0.00     |
| 42) 2,4,6-Tribromophenol      | 15.931 | 330  | 889948   | 159.318 | ng    | 0.00     |
| 45) 2-Fluorobiphenyl          | 13.037 | 172  | 3120279  | 76.969  | ng    | 0.00     |
| 79) Terphenyl-d14             | 19.948 | 244  | 5091486  | 84.953  | ng    | 0.00     |
| Target Compounds              |        |      |          |         |       |          |
|                               |        |      |          |         |       | Qvalue   |
| 2) 1,4-Dioxane                | 3.337  | 88   | 206812   | 37.764  | ng    | 96       |
| 3) Pyridine                   | 3.725  | 79   | 576424   | 37.885  | ng    | 95       |
| 4) n-Nitrosodimethylamine     | 3.631  | 42   | 265691   | 37.613  | ng    | 93       |
| 6) Aniline                    | 7.131  | 93   | 788062   | 31.432  | ng    | 98       |
| 8) 2-Chlorophenol             | 7.372  | 128  | 695681   | 45.798  | ng    | 98       |
| 9) Benzaldehyde               | 6.943  | 77   | 332688   | 25.647  | ng    | 99       |
| 10) Phenol                    | 7.002  | 94   | 831451   | 42.548  | ng    | 99       |
| 11) bis(2-Chloroethyl)ether   | 7.225  | 93   | 626969   | 40.948  | ng    | 97       |
| 12) 1,3-Dichlorobenzene       | 7.690  | 146  | 742731   | 43.515  | ng    | 100      |
| 13) 1,4-Dichlorobenzene       | 7.837  | 146  | 751047   | 43.493  | ng    | 98       |
| 14) 1,2-Dichlorobenzene       | 8.149  | 146  | 717536   | 42.894  | ng    | 99       |
| 15) Benzyl Alcohol            | 8.031  | 79   | 572996   | 40.474  | ng    | 98       |
| 16) 2,2'-oxybis(1-Chloropr... | 8.325  | 45   | 870361   | 35.984  | ng    | 97       |
| 17) 2-Methylphenol            | 8.231  | 107  | 564530   | 43.174  | ng    | 98       |
| 18) Hexachloroethane          | 8.872  | 117  | 275372   | 44.591  | ng    | 99       |
| 19) n-Nitroso-di-n-propyla... | 8.596  | 70   | 473576   | 39.466  | ng    | 94       |
| 20) 3+4-Methylphenols         | 8.555  | 107  | 765532   | 42.516  | ng    | 98       |
| 22) Acetophenone              | 8.607  | 105  | 967849   | 43.491  | ng    | # 95     |
| 24) Nitrobenzene              | 8.984  | 77   | 697056   | 46.020  | ng    | 97       |
| 25) Isophorone                | 9.507  | 82   | 1354401  | 42.523  | ng    | 99       |
| 26) 2-Nitrophenol             | 9.690  | 139  | 360082   | 54.075  | ng    | 97       |
| 27) 2,4-Dimethylphenol        | 9.749  | 122  | 646859   | 44.050  | ng    | 98       |
| 28) bis(2-Chloroethoxy)met... | 9.984  | 93   | 841710   | 43.441  | ng    | 99       |
| 29) 2,4-Dichlorophenol        | 10.219 | 162  | 630757   | 49.063  | ng    | 97       |
| 30) 1,2,4-Trichlorobenzene    | 10.437 | 180  | 644021   | 45.406  | ng    | 99       |
| 31) Naphthalene               | 10.625 | 128  | 2046658  | 44.474  | ng    | 99       |
| 32) Benzoic acid              | 9.878  | 122  | 490093   | 55.174  | ng    | 97       |
| 33) 4-Chloroaniline           | 10.725 | 127  | 537124   | 26.243  | ng    | 98       |
| 34) Hexachlorobutadiene       | 10.913 | 225  | 387739   | 47.623  | ng    | 98       |
| 35) Caprolactam               | 11.501 | 113  | 235976   | 47.314  | ng    | 88       |
| 36) 4-Chloro-3-methylphenol   | 11.848 | 107  | 705454   | 47.423  | ng    | 98       |
| 37) 2-Methylnaphthalene       | 12.237 | 142  | 1315226  | 44.155  | ng    | 99       |
| 38) 1-Methylnaphthalene       | 12.448 | 142  | 1381648  | 44.455  | ng    | 99       |
| 40) 1,2,4,5-Tetrachloroben... | 12.607 | 216  | 712479   | 46.607  | ng    | 99       |
| 41) Hexachlorocyclopentadiene | 12.590 | 237  | 944964   | 100.155 | ng    | 99       |
| 43) 2,4,6-Trichlorophenol     | 12.837 | 196  | 510019   | 51.646  | ng    | 99       |

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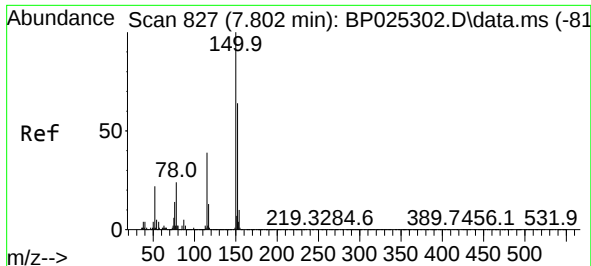
Quant Time: Aug 12 11:51:55 2025  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_P\Methods\8270E-BP080525.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Wed Aug 06 06:41:44 2025  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc    | Units | Dev(Min) |
|-------------------------------|--------|------|----------|---------|-------|----------|
| 44) 2,4,5-Trichlorophenol     | 12.919 | 196  | 565361   | 51.035  | ng    | 99       |
| 46) 1,1'-Biphenyl             | 13.248 | 154  | 1895189  | 45.928  | ng    | 98       |
| 47) 2-Chloronaphthalene       | 13.290 | 162  | 1425474  | 45.280  | ng    | 99       |
| 48) 2-Nitroaniline            | 13.484 | 65   | 439377   | 47.666  | ng    | 91       |
| 49) Acenaphthylene            | 14.142 | 152  | 2405072  | 45.800  | ng    | 99       |
| 50) Dimethylphthalate         | 13.872 | 163  | 1915246  | 46.921  | ng    | 99       |
| 51) 2,6-Dinitrotoluene        | 13.990 | 165  | 414015   | 54.988  | ng    | 91       |
| 52) Acenaphthene              | 14.484 | 154  | 1373939  | 42.894  | ng    | 99       |
| 53) 3-Nitroaniline            | 14.313 | 138  | 339554   | 38.541  | ng #  | 98       |
| 54) 2,4-Dinitrophenol         | 14.519 | 184  | 477041   | 99.036  | ng #  | 50       |
| 55) Dibenzofuran              | 14.825 | 168  | 2195907  | 45.876  | ng    | 99       |
| 56) 4-Nitrophenol             | 14.631 | 139  | 794482   | 102.178 | ng    | 95       |
| 57) 2,4-Dinitrotoluene        | 14.784 | 165  | 592279   | 50.560  | ng    | 97       |
| 58) Fluorene                  | 15.489 | 166  | 1713488  | 45.578  | ng    | 99       |
| 59) 2,3,4,6-Tetrachlorophenol | 15.060 | 232  | 485805   | 52.498  | ng    | 98       |
| 60) Diethylphthalate          | 15.260 | 149  | 1964959  | 47.748  | ng    | 99       |
| 61) 4-Chlorophenyl-phenyle... | 15.484 | 204  | 837336   | 46.981  | ng    | 98       |
| 62) 4-Nitroaniline            | 15.501 | 138  | 462742   | 53.009  | ng    | 96       |
| 63) Azobenzene                | 15.784 | 77   | 1700864  | 44.490  | ng    | 98       |
| 65) 4,6-Dinitro-2-methylph... | 15.560 | 198  | 332908   | 60.351  | ng    | 92       |
| 66) n-Nitrosodiphenylamine    | 15.701 | 169  | 1607766  | 46.461  | ng    | 99       |
| 67) 4-Bromophenyl-phenylether | 16.395 | 248  | 550321   | 48.125  | ng    | 96       |
| 68) Hexachlorobenzene         | 16.519 | 284  | 620802   | 48.382  | ng    | 96       |
| 69) Atrazine                  | 16.672 | 200  | 606431   | 49.832  | ng    | 98       |
| 70) Pentachlorophenol         | 16.866 | 266  | 870458   | 106.481 | ng    | 98       |
| 71) Phenanthrene              | 17.266 | 178  | 2888692  | 46.406  | ng    | 100      |
| 72) Anthracene                | 17.360 | 178  | 2957986  | 47.128  | ng    | 100      |
| 73) Carbazole                 | 17.636 | 167  | 2837889  | 47.102  | ng    | 100      |
| 74) Di-n-butylphthalate       | 18.242 | 149  | 3644409  | 50.000  | ng    | 99       |
| 75) Fluoranthene              | 19.348 | 202  | 3411266  | 47.339  | ng    | 99       |
| 77) Benzidine                 | 19.536 | 184  | 1349937  | 32.947  | ng    | 99       |
| 78) Pyrene                    | 19.724 | 202  | 3544570  | 47.087  | ng    | 100      |
| 80) Butylbenzylphthalate      | 20.677 | 149  | 1703505  | 55.799  | ng    | 98       |
| 81) Benzo(a)anthracene        | 21.648 | 228  | 3487864  | 46.366  | ng    | 99       |
| 82) 3,3'-Dichlorobenzidine    | 21.566 | 252  | 989290   | 37.274  | ng    | 99       |
| 83) Chrysene                  | 21.719 | 228  | 3322383  | 47.618  | ng    | 99       |
| 84) Bis(2-ethylhexyl)phtha... | 21.601 | 149  | 2470691  | 50.682  | ng    | 99       |
| 85) Di-n-octyl phthalate      | 22.901 | 149  | 4122164  | 50.519  | ng    | 97       |
| 87) Indeno(1,2,3-cd)pyrene    | 28.918 | 276  | 3625243  | 41.348  | ng    | 92       |
| 88) Benzo(b)fluoranthene      | 23.989 | 252  | 3481057  | 47.540  | ng    | 99       |
| 89) Benzo(k)fluoranthene      | 24.071 | 252  | 3427390  | 47.216  | ng    | 99       |
| 90) Benzo(a)pyrene            | 24.907 | 252  | 3354897  | 47.576  | ng    | 99       |
| 91) Dibenzo(a,h)anthracene    | 29.006 | 278  | 3437751  | 47.876  | ng    | 98       |
| 92) Benzo(g,h,i)perylene      | 30.106 | 276  | 3339547  | 47.388  | ng    | 99       |

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

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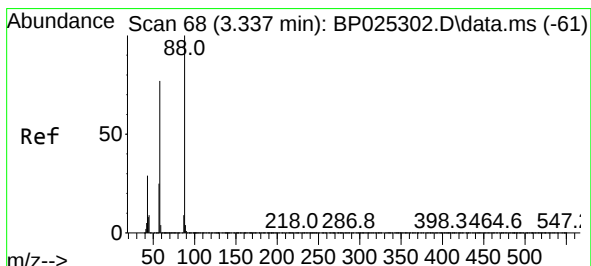
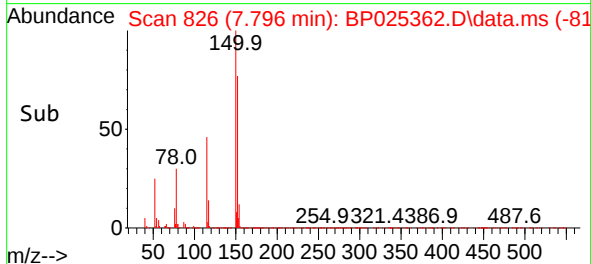
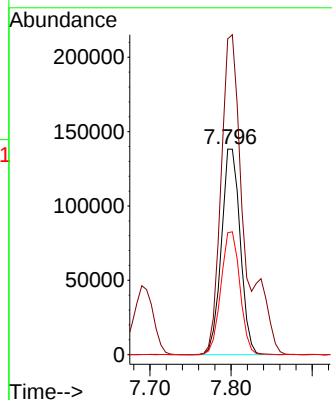
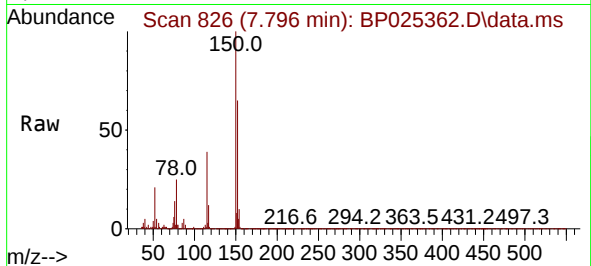




#1  
 1,4-Dichlorobenzene-d4  
 Concen: 20.000 ng  
 RT: 7.796 min Scan# 81  
 Delta R.T. -0.006 min  
 Lab File: BP025362.D  
 Acq: 12 Aug 2025 11:30

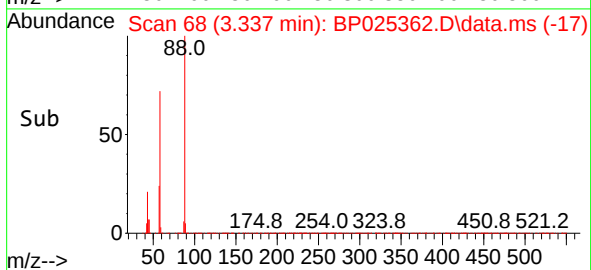
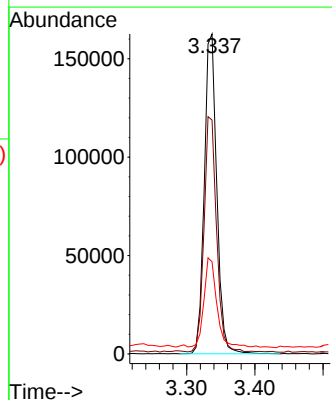
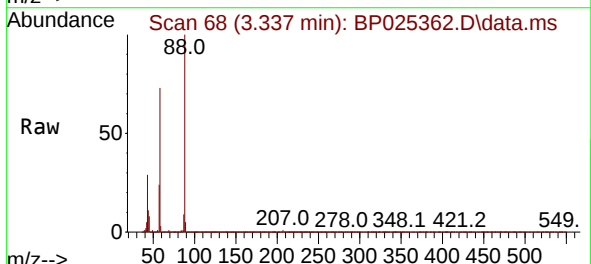
Instrument :  
 BNA\_P  
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 PB169176BS

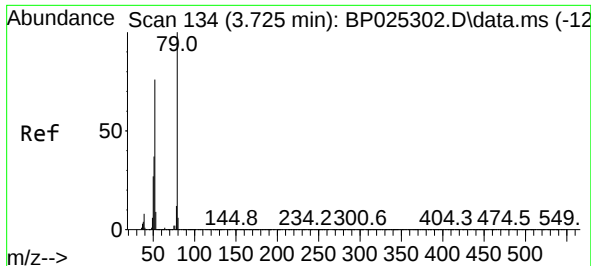
Tgt Ion:152 Resp: 223200  
 Ion Ratio Lower Upper  
 152 100  
 150 153.6 125.1 187.7  
 115 59.3 48.4 72.6



#2  
 1,4-Dioxane  
 Concen: 37.764 ng  
 RT: 3.337 min Scan# 68  
 Delta R.T. 0.000 min  
 Lab File: BP025362.D  
 Acq: 12 Aug 2025 11:30

Tgt Ion: 88 Resp: 206812  
 Ion Ratio Lower Upper  
 88 100  
 58 73.6 61.9 92.9  
 43 28.3 24.2 36.2

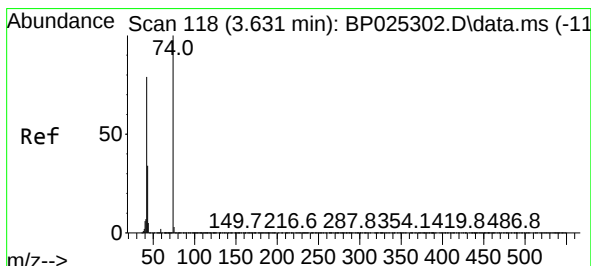
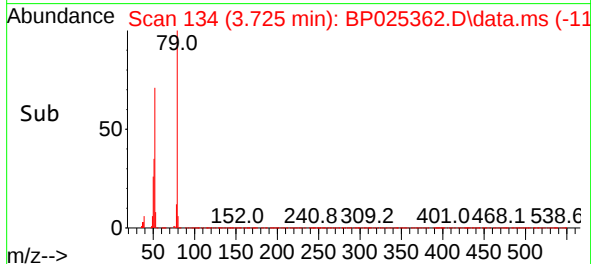
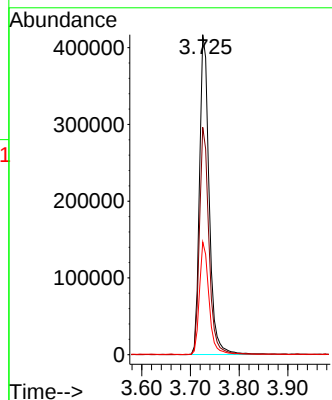
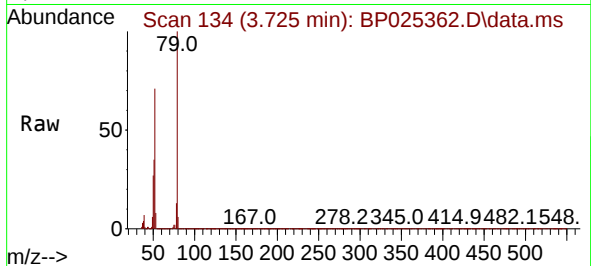




#3  
Pyridine  
Concen: 37.885 ng  
RT: 3.725 min Scan# 118  
Delta R.T. 0.000 min  
Lab File: BP025362.D  
Acq: 12 Aug 2025 11:30

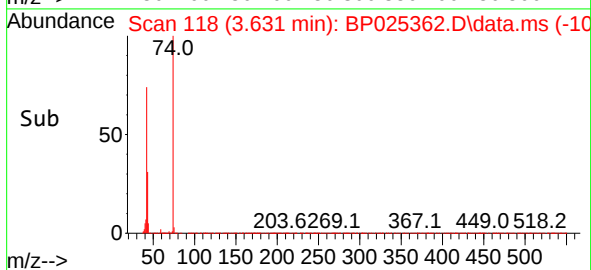
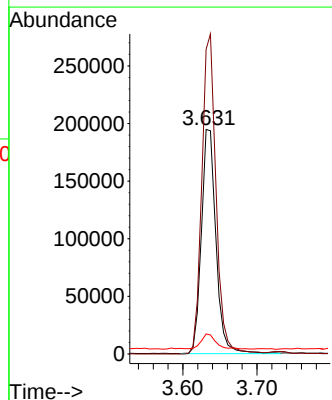
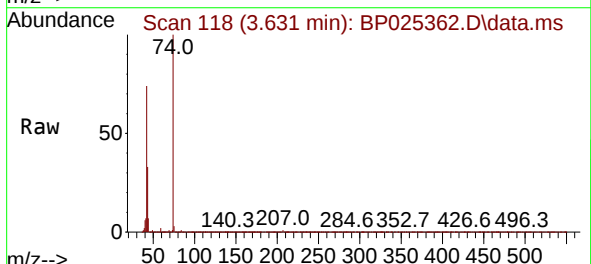
Instrument :  
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ClientSampleId :  
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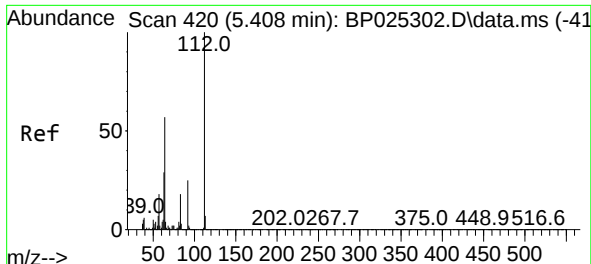
Tgt Ion: 79 Resp: 576424  
Ion Ratio Lower Upper  
79 100  
52 71.0 60.5 90.7  
51 35.2 30.2 45.2



#4  
n-Nitrosodimethylamine  
Concen: 37.613 ng  
RT: 3.631 min Scan# 118  
Delta R.T. 0.000 min  
Lab File: BP025362.D  
Acq: 12 Aug 2025 11:30

Tgt Ion: 42 Resp: 265691  
Ion Ratio Lower Upper  
42 100  
74 135.6 101.4 152.2  
44 8.9 7.6 11.4

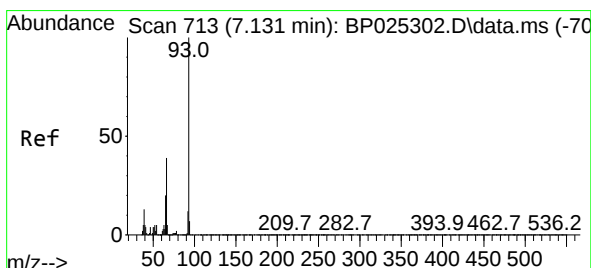
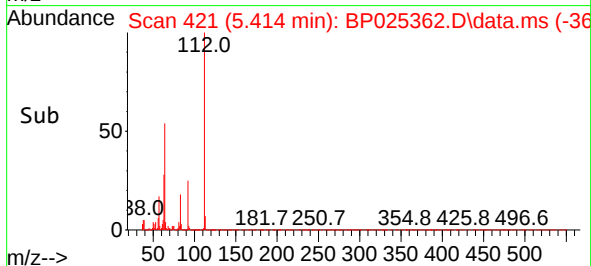
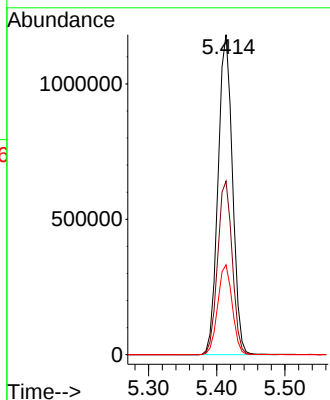
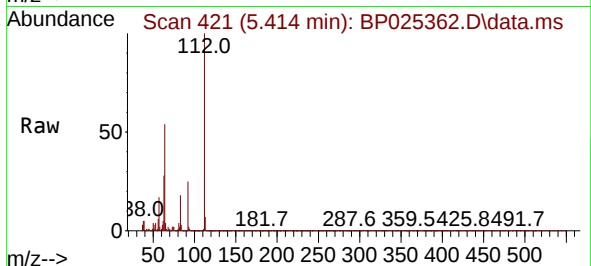




#5  
2-Fluorophenol  
Concen: 125.568 ng  
RT: 5.414 min Scan# 421  
Delta R.T. 0.005 min  
Lab File: BP025362.D  
Acq: 12 Aug 2025 11:30

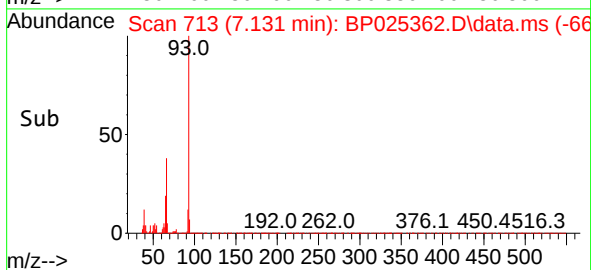
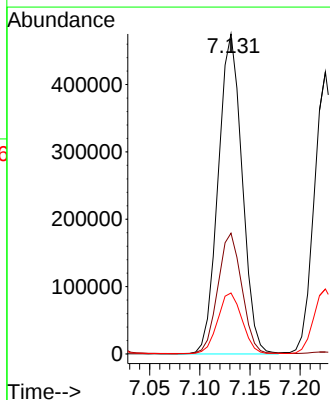
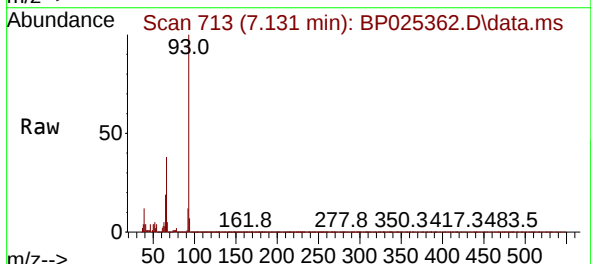
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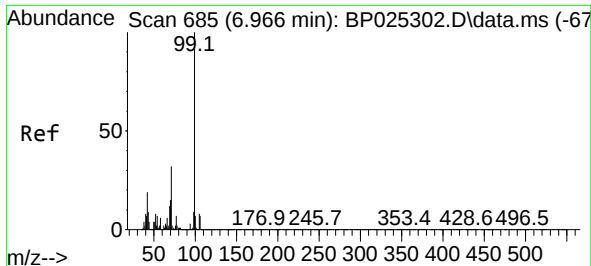
Tgt Ion:112 Resp: 1742569  
Ion Ratio Lower Upper  
112 100  
64 54.2 45.3 67.9  
63 28.1 23.0 34.6



#6  
Aniline  
Concen: 31.432 ng  
RT: 7.131 min Scan# 713  
Delta R.T. 0.000 min  
Lab File: BP025362.D  
Acq: 12 Aug 2025 11:30

Tgt Ion: 93 Resp: 788062  
Ion Ratio Lower Upper  
93 100  
66 37.7 31.1 46.7  
65 19.1 15.8 23.8

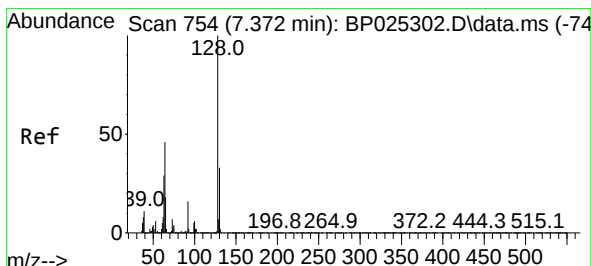
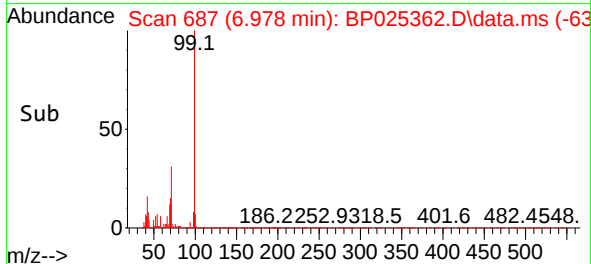
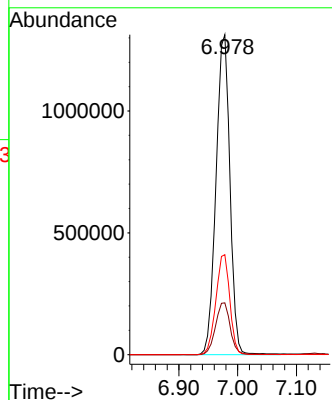
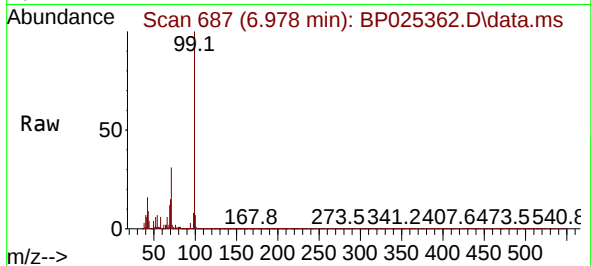




#7  
Phenol-d6  
Concen: 118.204 ng  
RT: 6.978 min Scan# 687  
Delta R.T. 0.012 min  
Lab File: BP025362.D  
Acq: 12 Aug 2025 11:30

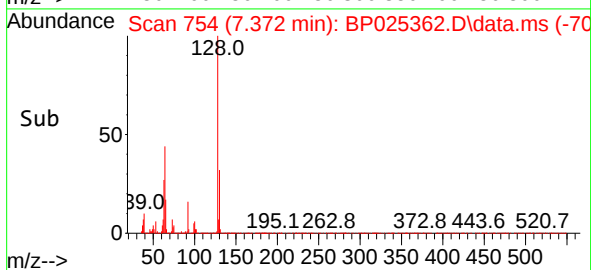
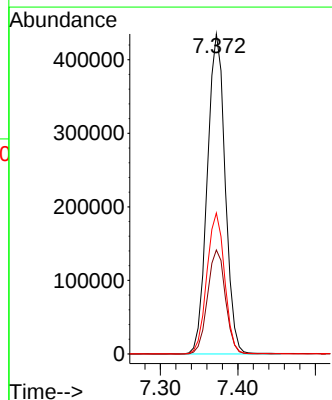
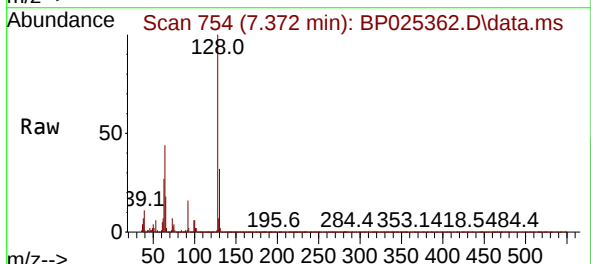
Instrument :  
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ClientSampleId :  
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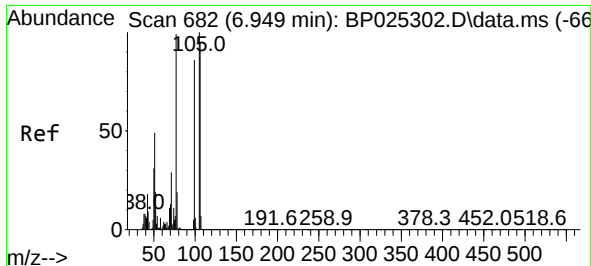
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Ion Ratio Lower Upper  
99 100  
42 16.2 15.0 22.6  
71 31.2 25.5 38.3



#8  
2-Chlorophenol  
Concen: 45.798 ng  
RT: 7.372 min Scan# 754  
Delta R.T. 0.000 min  
Lab File: BP025362.D  
Acq: 12 Aug 2025 11:30

Tgt Ion:128 Resp: 695681  
Ion Ratio Lower Upper  
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130 32.5 13.1 53.1  
64 44.1 26.1 66.1

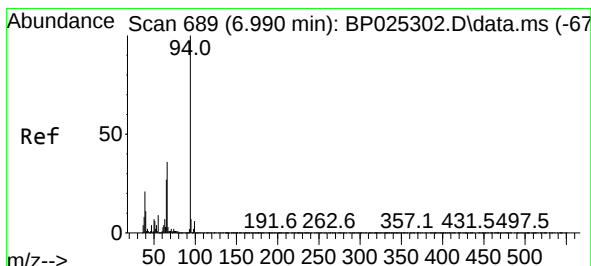
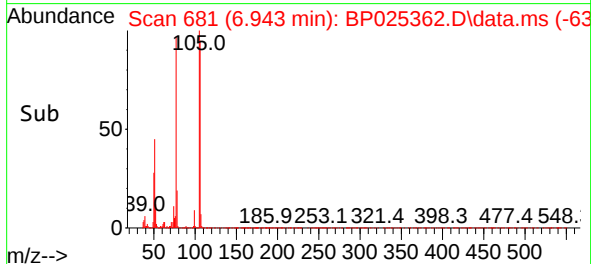
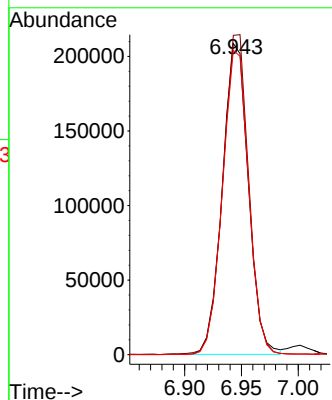
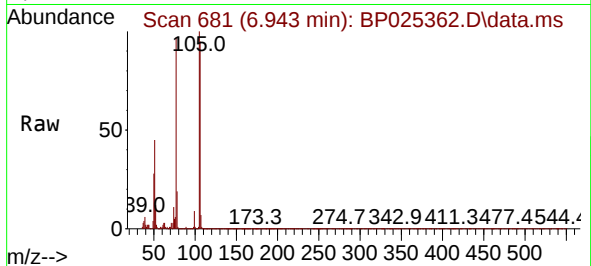




#9  
Benzaldehyde  
Concen: 25.647 ng  
RT: 6.943 min Scan# 61  
Delta R.T. -0.006 min  
Lab File: BP025362.D  
Acq: 12 Aug 2025 11:30

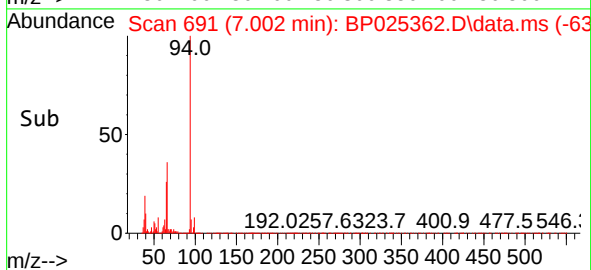
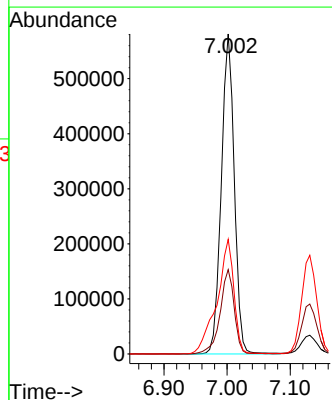
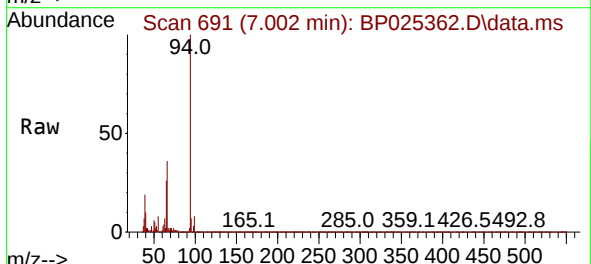
Instrument :  
BNA\_P  
ClientSampleId :  
PB169176BS

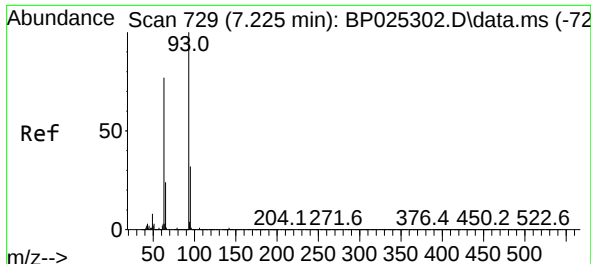
Tgt Ion: 77 Resp: 332688  
Ion Ratio Lower Upper  
77 100  
105 102.6 81.4 121.4  
106 97.9 76.2 116.2



#10  
Phenol  
Concen: 42.548 ng  
RT: 7.002 min Scan# 691  
Delta R.T. 0.012 min  
Lab File: BP025362.D  
Acq: 12 Aug 2025 11:30

Tgt Ion: 94 Resp: 831451  
Ion Ratio Lower Upper  
94 100  
65 26.4 7.3 47.3  
66 35.8 15.7 55.7

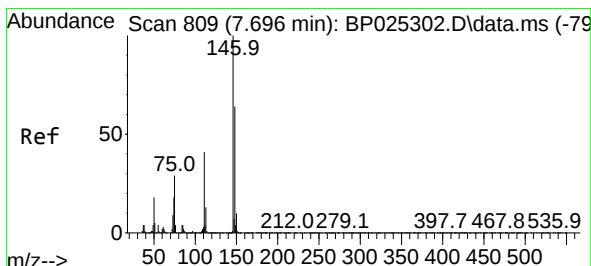
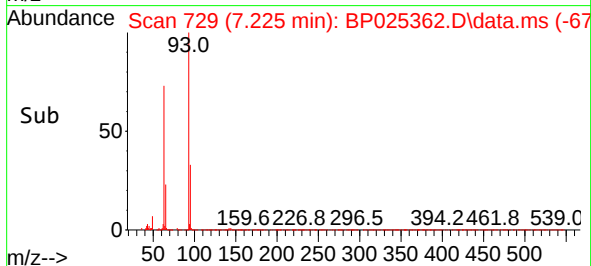
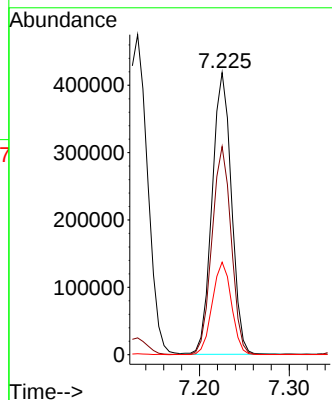
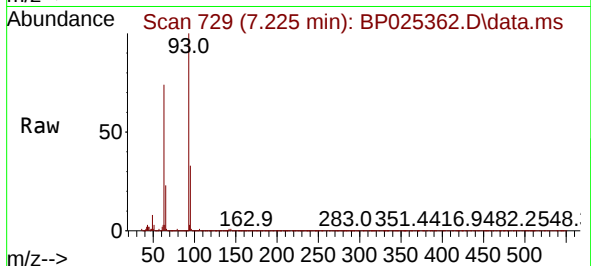




#11  
bis(2-Chloroethyl)ether  
Concen: 40.948 ng  
RT: 7.225 min Scan# 71  
Delta R.T. 0.000 min  
Lab File: BP025362.D  
Acq: 12 Aug 2025 11:30

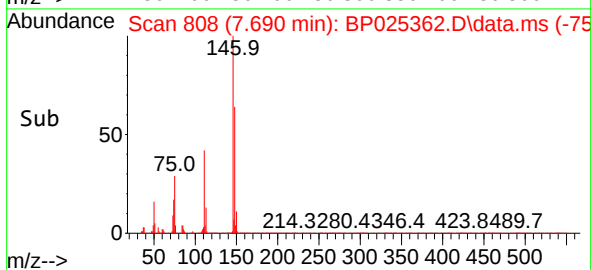
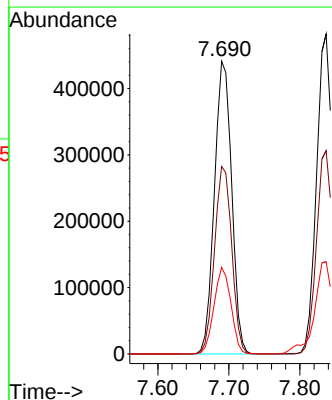
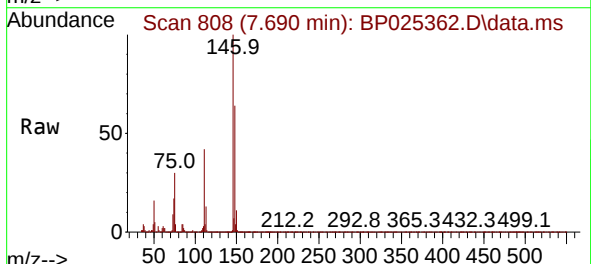
Instrument :  
BNA\_P  
ClientSampleId :  
PB169176BS

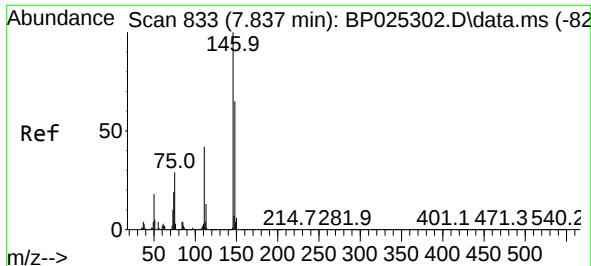
Tgt Ion: 93 Resp: 626969  
Ion Ratio Lower Upper  
93 100  
63 73.8 57.0 97.0  
95 32.8 12.1 52.1



#12  
1,3-Dichlorobenzene  
Concen: 43.515 ng  
RT: 7.690 min Scan# 808  
Delta R.T. -0.006 min  
Lab File: BP025362.D  
Acq: 12 Aug 2025 11:30

Tgt Ion: 146 Resp: 742731  
Ion Ratio Lower Upper  
146 100  
148 64.1 51.1 76.7  
75 29.6 23.2 34.8

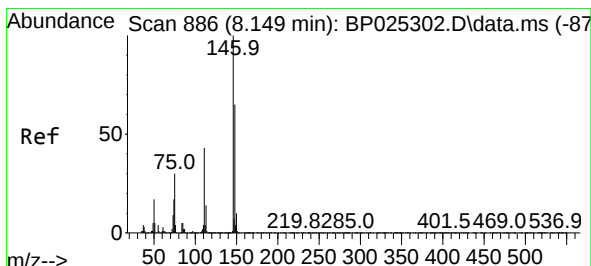
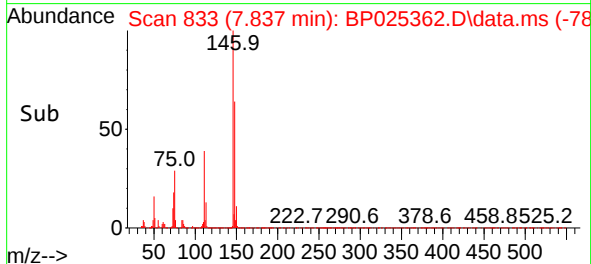
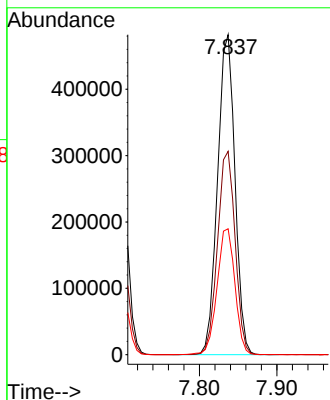
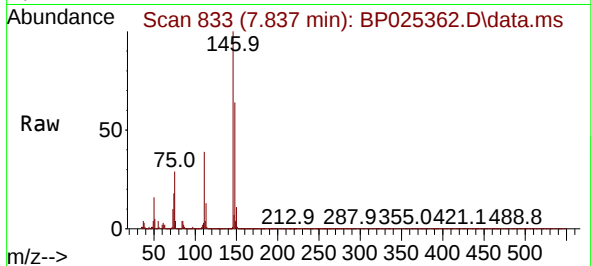




#13  
1,4-Dichlorobenzene  
Concen: 43.493 ng  
RT: 7.837 min Scan# 811  
Delta R.T. -0.000 min  
Lab File: BP025362.D  
Acq: 12 Aug 2025 11:30

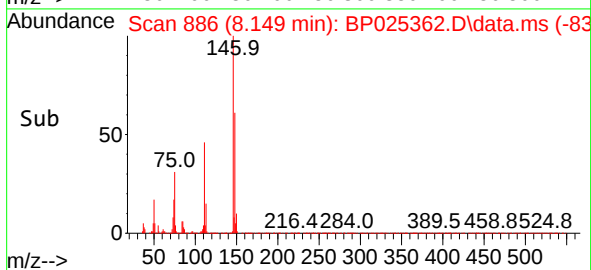
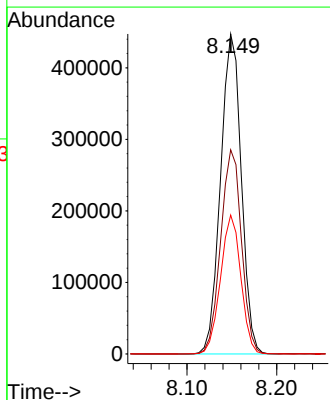
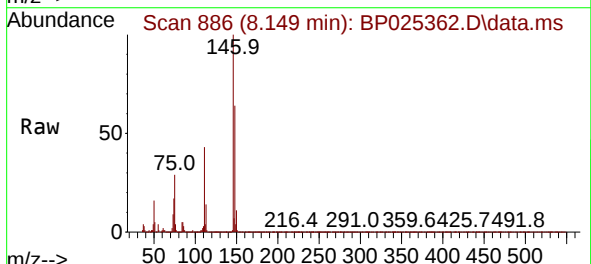
Instrument :  
BNA\_P  
ClientSampleId :  
PB169176BS

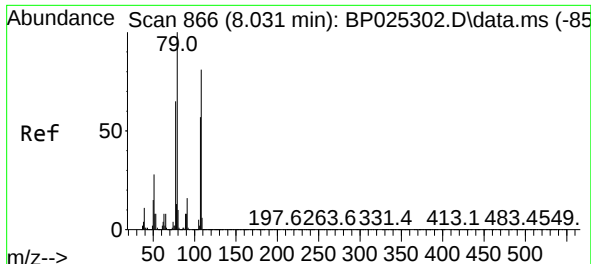
Tgt Ion:146 Resp: 751047  
Ion Ratio Lower Upper  
146 100  
148 63.5 52.0 78.0  
111 39.4 33.2 49.8



#14  
1,2-Dichlorobenzene  
Concen: 42.894 ng  
RT: 8.149 min Scan# 886  
Delta R.T. -0.000 min  
Lab File: BP025362.D  
Acq: 12 Aug 2025 11:30

Tgt Ion:146 Resp: 717536  
Ion Ratio Lower Upper  
146 100  
148 63.8 51.9 77.9  
111 43.4 34.4 51.6

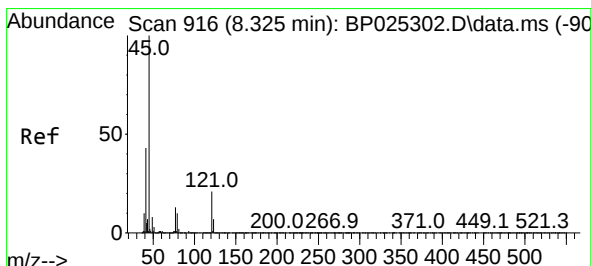
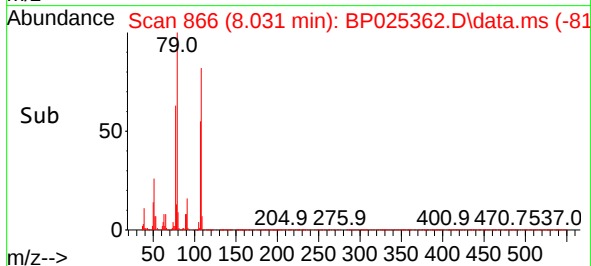
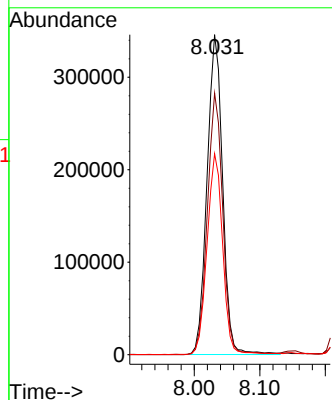
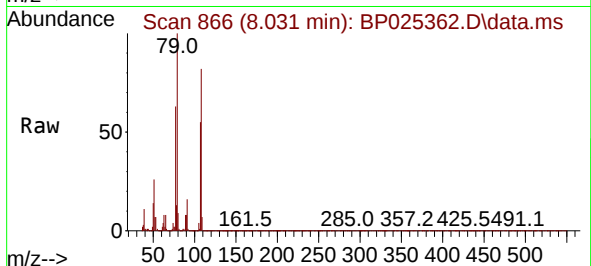




#15  
Benzyl Alcohol  
Concen: 40.474 ng  
RT: 8.031 min Scan# 866  
Delta R.T. 0.000 min  
Lab File: BP025362.D  
Acq: 12 Aug 2025 11:30

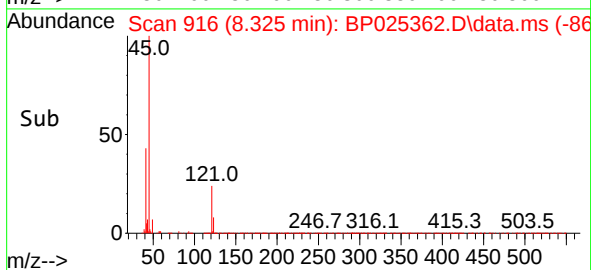
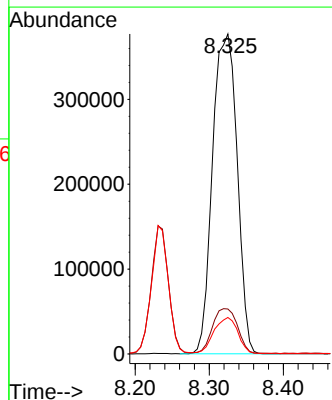
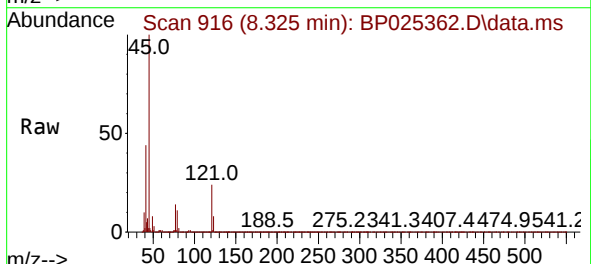
Instrument :  
BNA\_P  
ClientSampleId :  
PB169176BS

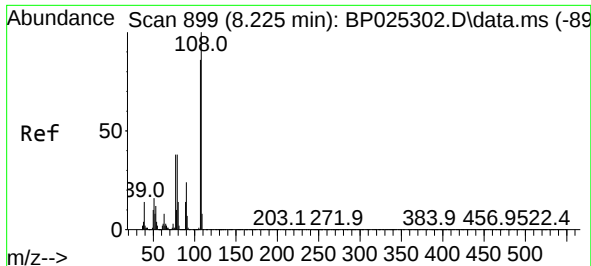
Tgt Ion: 79 Resp: 572996  
Ion Ratio Lower Upper  
79 100  
108 81.7 64.5 96.7  
77 62.8 51.9 77.9



#16  
2,2'-oxybis(1-Chloropropane)  
Concen: 35.984 ng  
RT: 8.325 min Scan# 916  
Delta R.T. 0.000 min  
Lab File: BP025362.D  
Acq: 12 Aug 2025 11:30

Tgt Ion: 45 Resp: 870361  
Ion Ratio Lower Upper  
45 100  
77 14.1 0.0 33.0  
79 11.4 0.0 29.8

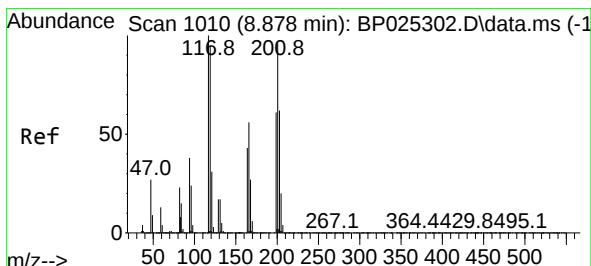
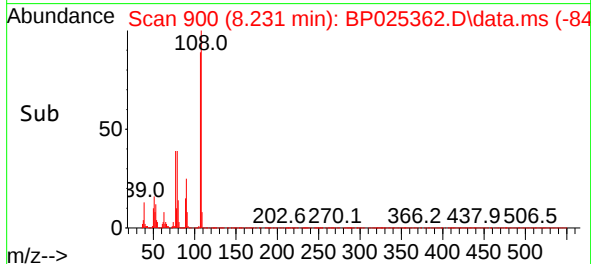
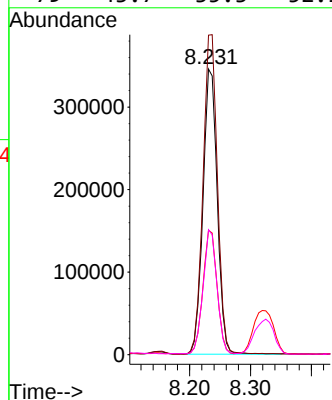
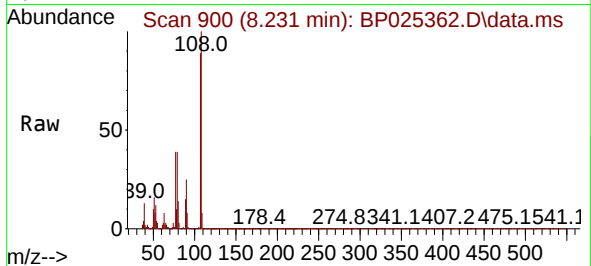




#17  
2-Methylphenol  
Concen: 43.174 ng  
RT: 8.231 min Scan# 90  
Delta R.T. 0.006 min  
Lab File: BP025362.D  
Acq: 12 Aug 2025 11:30

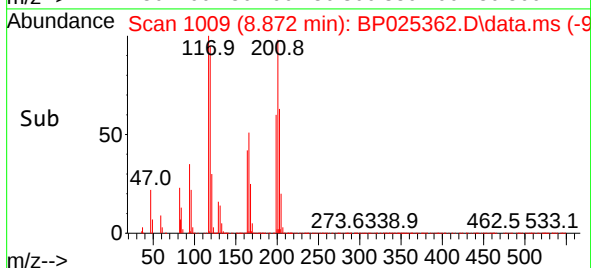
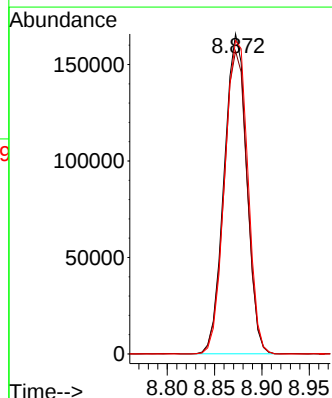
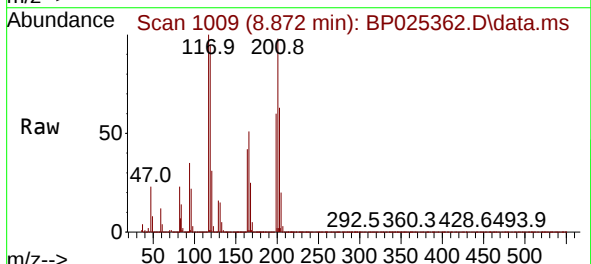
Instrument :  
BNA\_P  
ClientSampleId :  
PB169176BS

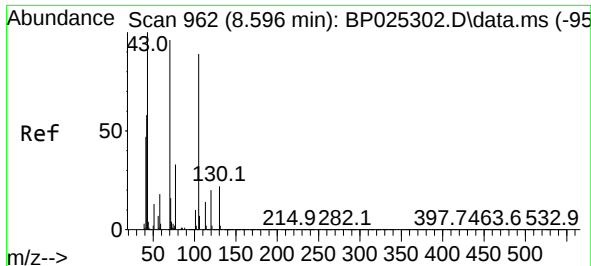
|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 107   | Resp: | 564530 |
| Ion      | Ratio | Lower | Upper  |
| 107      | 100   |       |        |
| 108      | 111.9 | 92.6  | 139.0  |
| 77       | 43.6  | 35.4  | 53.2   |
| 79       | 43.7  | 35.3  | 52.9   |



#18  
Hexachloroethane  
Concen: 44.591 ng  
RT: 8.872 min Scan# 1009  
Delta R.T. -0.006 min  
Lab File: BP025362.D  
Acq: 12 Aug 2025 11:30

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 117   | Resp: | 275372 |
| Ion      | Ratio | Lower | Upper  |
| 117      | 100   |       |        |
| 119      | 94.6  | 75.8  | 113.8  |
| 201      | 98.0  | 76.6  | 114.8  |

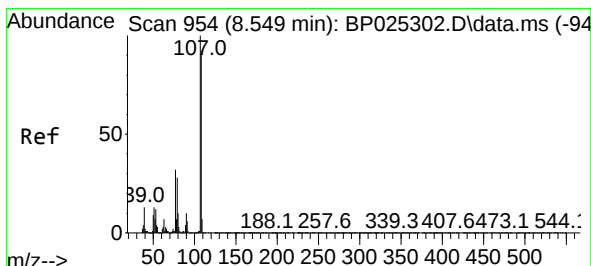
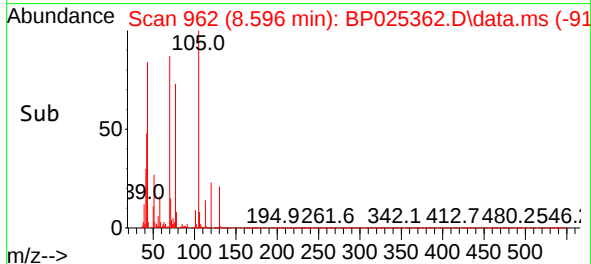
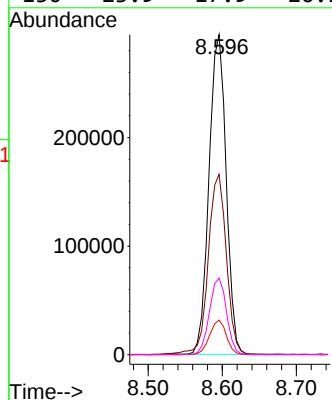
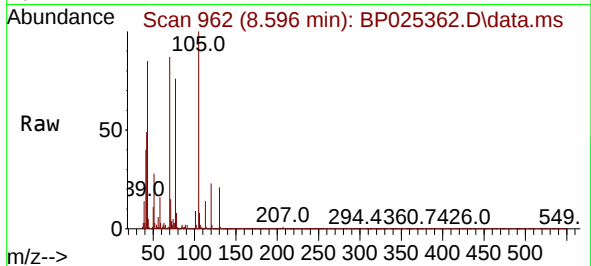




#19  
n-Nitroso-di-n-propylamine  
Concen: 39.466 ng  
RT: 8.596 min Scan# 90  
Delta R.T. -0.000 min  
Lab File: BP025362.D  
Acq: 12 Aug 2025 11:30

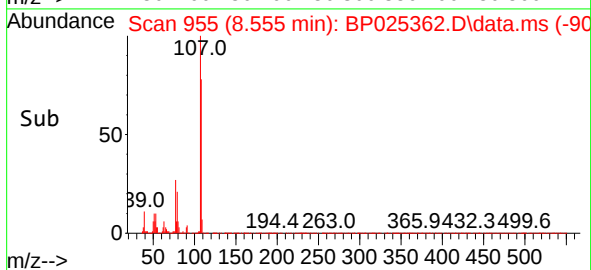
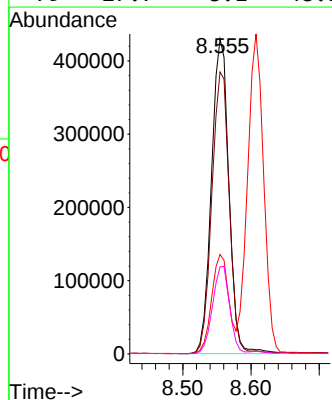
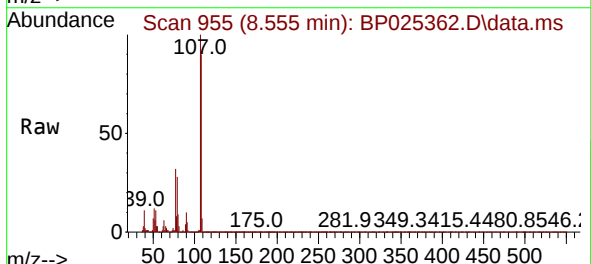
Instrument :  
BNA\_P  
ClientSampleId :  
PB169176BS

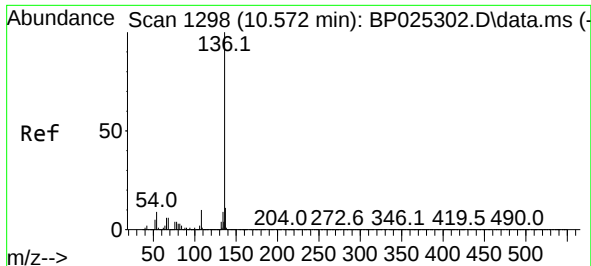
Tgt Ion: 70 Resp: 473576  
Ion Ratio Lower Upper  
70 100  
42 56.3 49.4 74.0  
101 10.8 7.9 11.9  
130 23.9 17.9 26.9



#20  
3+4-Methylphenols  
Concen: 42.516 ng  
RT: 8.555 min Scan# 955  
Delta R.T. 0.006 min  
Lab File: BP025362.D  
Acq: 12 Aug 2025 11:30

Tgt Ion: 107 Resp: 765532  
Ion Ratio Lower Upper  
107 100  
108 89.5 71.9 111.9  
77 31.6 12.0 52.0  
79 27.7 8.1 48.1

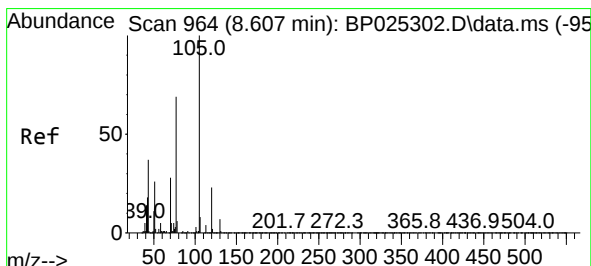
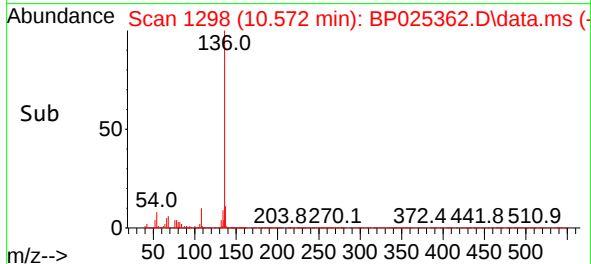
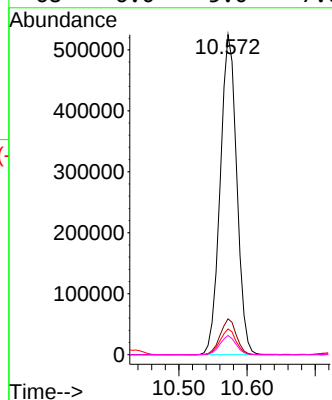
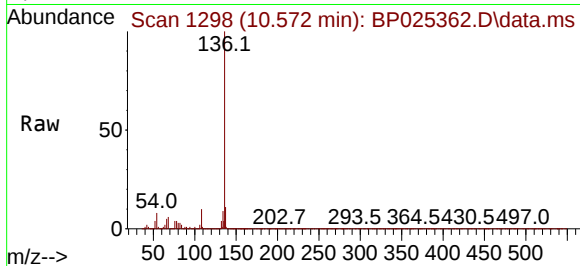




#21  
Naphthalene-d8  
Concen: 20.000 ng  
RT: 10.572 min Scan# 1298  
Delta R.T. 0.000 min  
Lab File: BP025362.D  
Acq: 12 Aug 2025 11:30

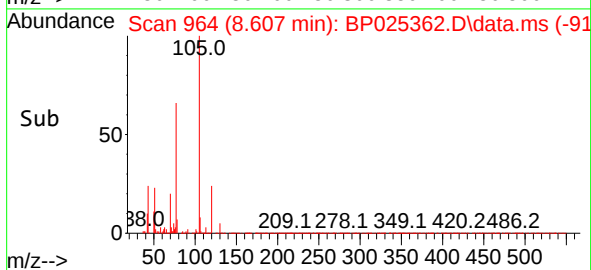
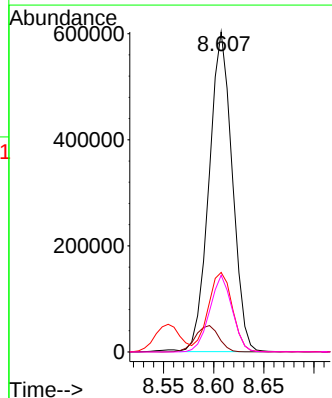
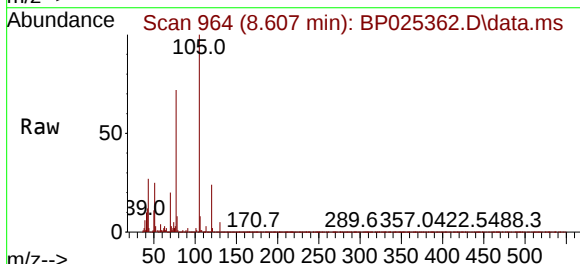
Instrument :  
BNA\_P  
ClientSampleId :  
PB169176BS

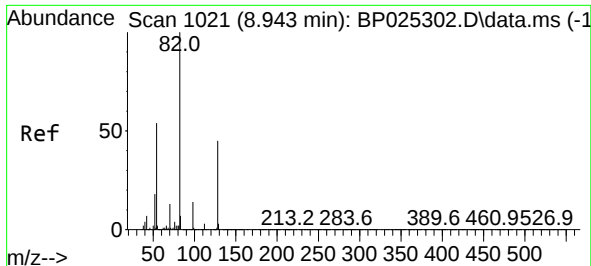
|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 136   | Resp: | 886480 |
| Ion      | Ratio | Lower | Upper  |
| 136      | 100   |       |        |
| 137      | 11.2  | 8.9   | 13.3   |
| 54       | 8.0   | 7.0   | 10.6   |
| 68       | 6.0   | 5.0   | 7.6    |



#22  
Acetophenone  
Concen: 43.491 ng  
RT: 8.607 min Scan# 964  
Delta R.T. 0.000 min  
Lab File: BP025362.D  
Acq: 12 Aug 2025 11:30

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 105   | Resp: | 967849 |
| Ion      | Ratio | Lower | Upper  |
| 105      | 100   |       |        |
| 71       | 3.5   | 4.1   | 6.1    |
| 51       | 24.8  | 22.7  | 34.1   |
| 120      | 24.0  | 18.3  | 27.5   |

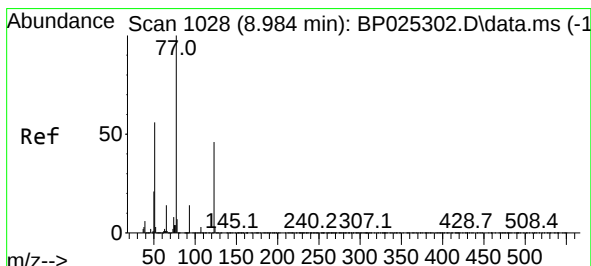
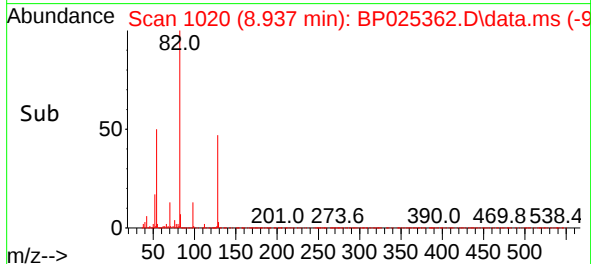
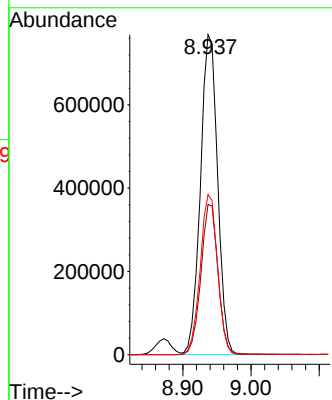
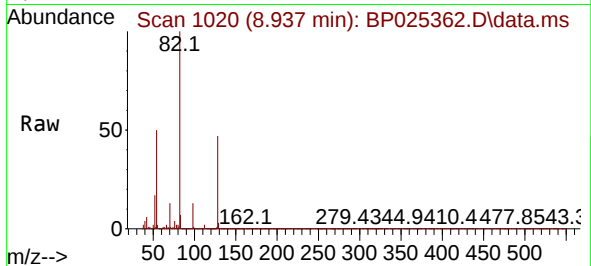




#23  
Nitrobenzene-d5  
Concen: 84.102 ng  
RT: 8.937 min Scan# 1020  
Delta R.T. -0.006 min  
Lab File: BP025362.D  
Acq: 12 Aug 2025 11:30

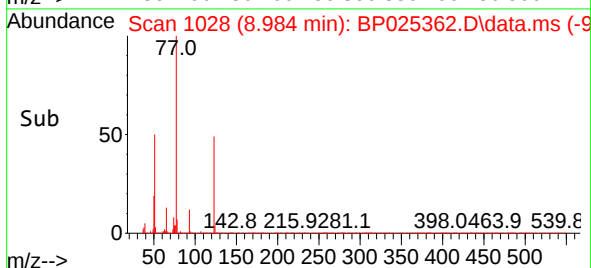
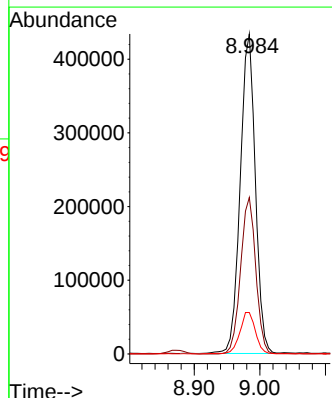
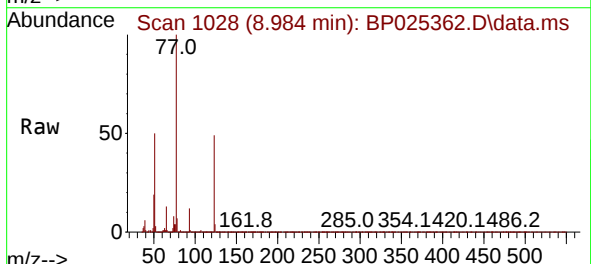
Instrument :  
BNA\_P  
ClientSampleId :  
PB169176BS

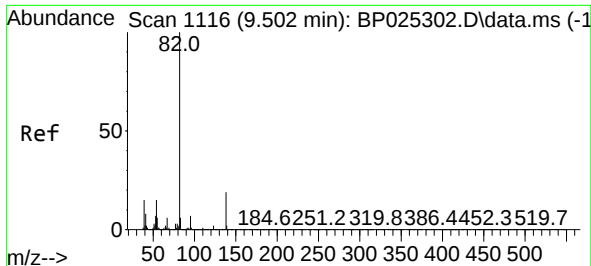
Tgt Ion: 82 Resp: 1345724  
Ion Ratio Lower Upper  
82 100  
128 46.9 35.4 53.2  
54 50.1 42.9 64.3



#24  
Nitrobenzene  
Concen: 46.020 ng  
RT: 8.984 min Scan# 1028  
Delta R.T. -0.000 min  
Lab File: BP025362.D  
Acq: 12 Aug 2025 11:30

Tgt Ion: 77 Resp: 697056  
Ion Ratio Lower Upper  
77 100  
123 48.9 37.4 56.2  
65 13.0 11.1 16.7

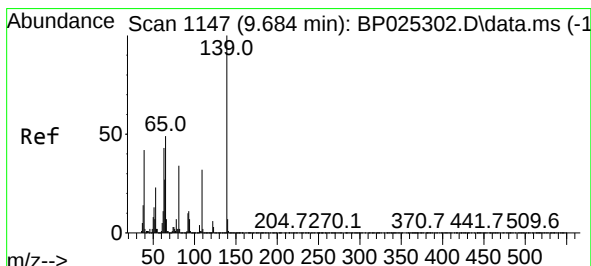
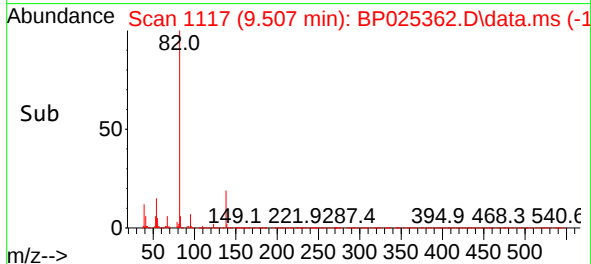
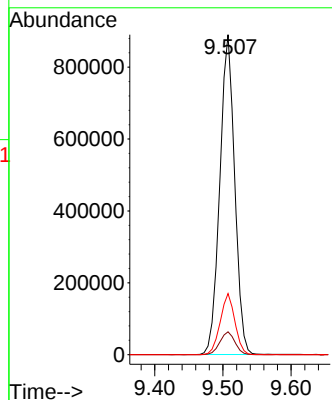
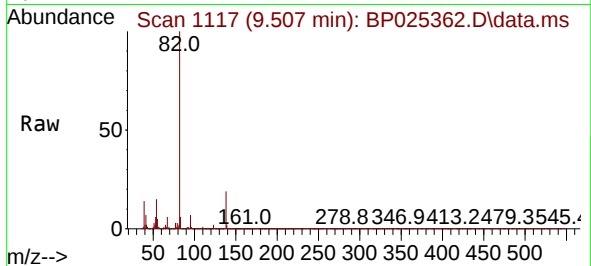




#25  
Isophorone  
Concen: 42.523 ng  
RT: 9.507 min Scan# 1116  
Delta R.T. 0.005 min  
Lab File: BP025362.D  
Acq: 12 Aug 2025 11:30

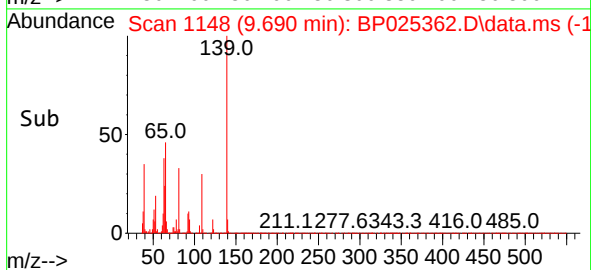
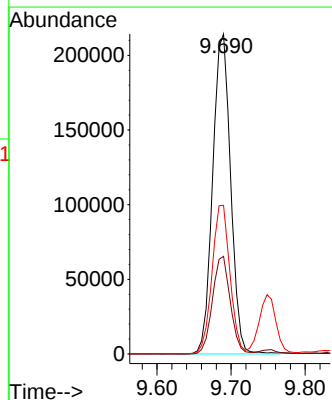
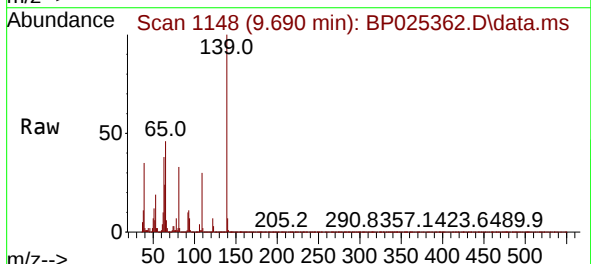
Instrument :  
BNA\_P  
ClientSampleId :  
PB169176BS

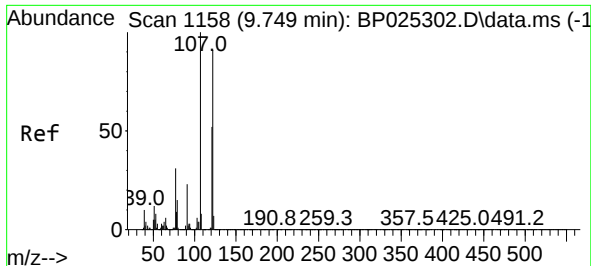
Tgt Ion: 82 Resp: 1354401  
Ion Ratio Lower Upper  
82 100  
95 7.2 5.7 8.5  
138 19.1 15.0 22.6



#26  
2-Nitrophenol  
Concen: 54.075 ng  
RT: 9.690 min Scan# 1148  
Delta R.T. 0.006 min  
Lab File: BP025362.D  
Acq: 12 Aug 2025 11:30

Tgt Ion:139 Resp: 360082  
Ion Ratio Lower Upper  
139 100  
109 30.5 25.2 37.8  
65 46.4 39.6 59.4

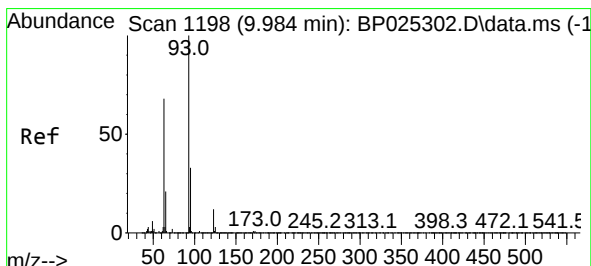
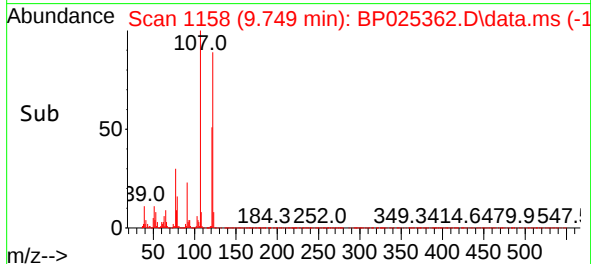
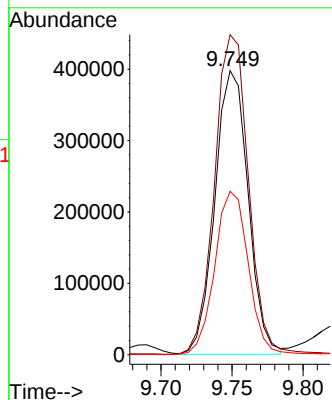
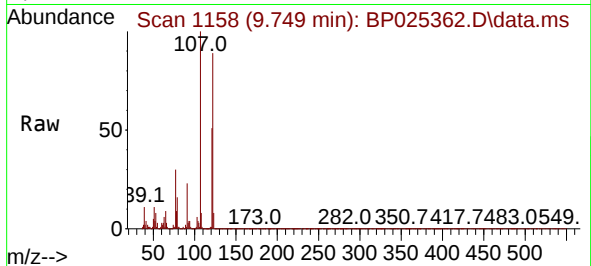




#27  
2,4-Dimethylphenol  
Concen: 44.050 ng  
RT: 9.749 min Scan# 1158  
Delta R.T. -0.000 min  
Lab File: BP025362.D  
Acq: 12 Aug 2025 11:30

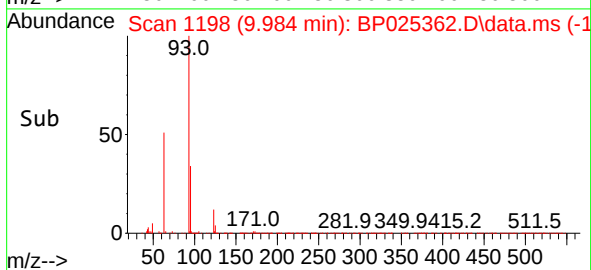
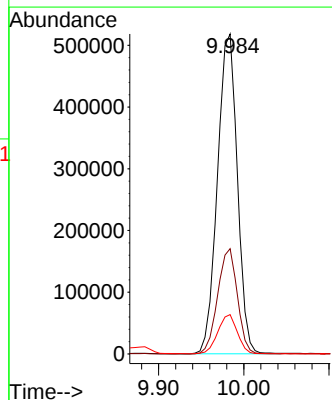
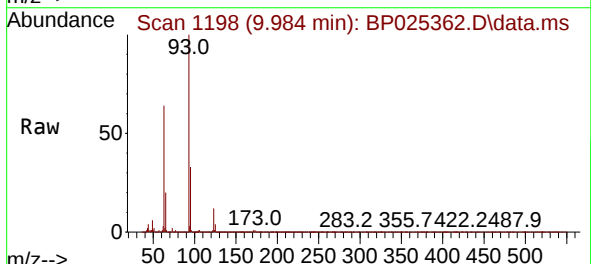
Instrument :  
BNA\_P  
ClientSampleId :  
PB169176BS

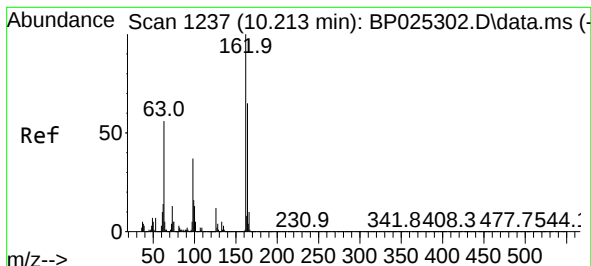
Tgt Ion:122 Resp: 646859  
Ion Ratio Lower Upper  
122 100  
107 112.7 87.4 131.0  
121 57.5 45.8 68.8



#28  
bis(2-Chloroethoxy)methane  
Concen: 43.441 ng  
RT: 9.984 min Scan# 1198  
Delta R.T. -0.000 min  
Lab File: BP025362.D  
Acq: 12 Aug 2025 11:30

Tgt Ion: 93 Resp: 841710  
Ion Ratio Lower Upper  
93 100  
95 32.9 26.5 39.7  
123 12.3 9.4 14.2





#29

2,4-Dichlorophenol

Concen: 49.063 ng

RT: 10.219 min Scan# 1238

Delta R.T. 0.006 min

Lab File: BP025362.D

Acq: 12 Aug 2025 11:30

Instrument :

BNA\_P

ClientSampleId :

PB169176BS

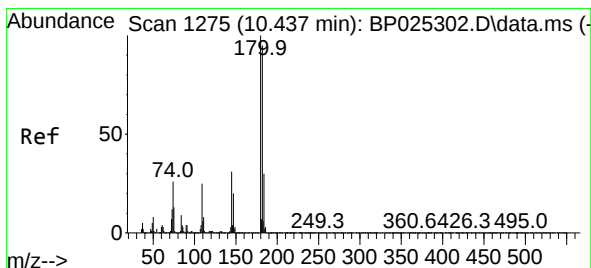
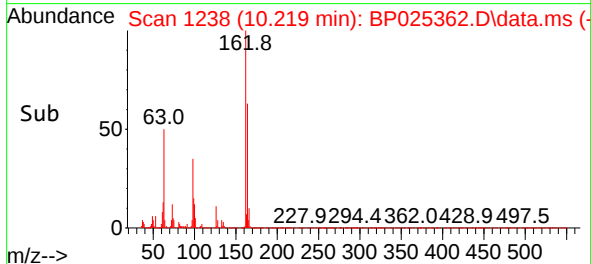
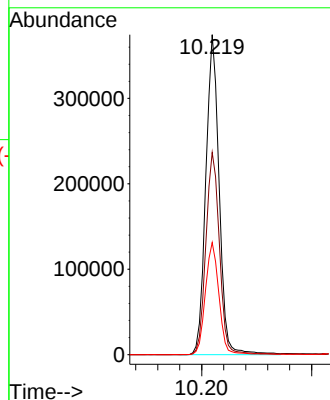
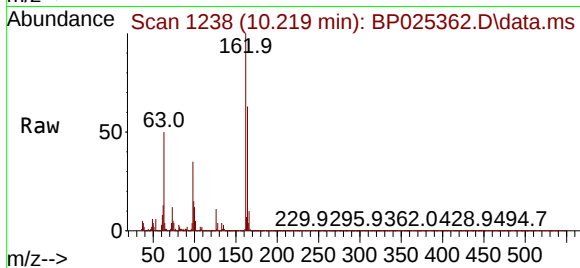
Tgt Ion:162 Resp: 630757

Ion Ratio Lower Upper

162 100

164 63.2 45.2 85.2

98 35.1 17.5 57.5



#30

1,2,4-Trichlorobenzene

Concen: 45.406 ng

RT: 10.437 min Scan# 1275

Delta R.T. -0.000 min

Lab File: BP025362.D

Acq: 12 Aug 2025 11:30

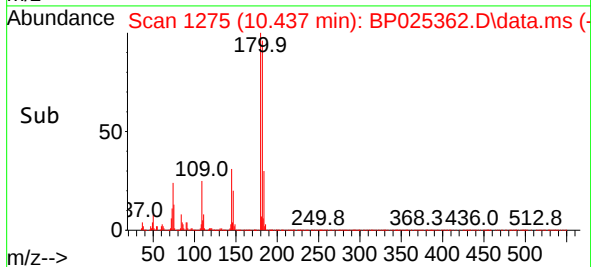
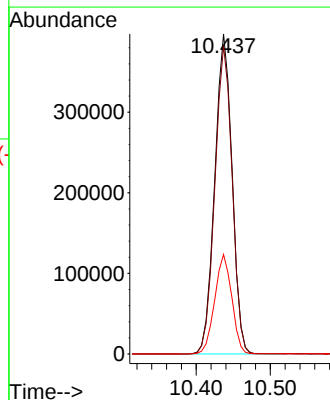
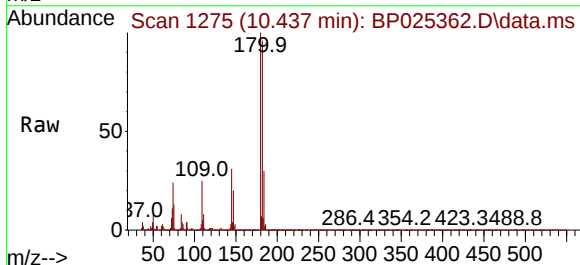
Tgt Ion:180 Resp: 644021

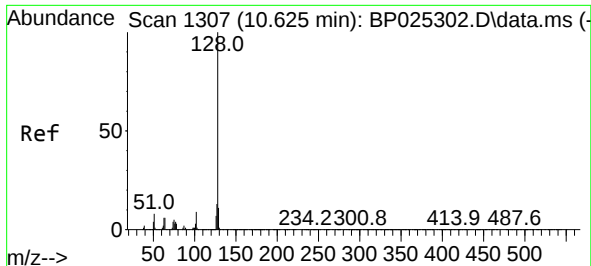
Ion Ratio Lower Upper

180 100

182 96.3 75.8 113.8

145 31.1 25.0 37.4

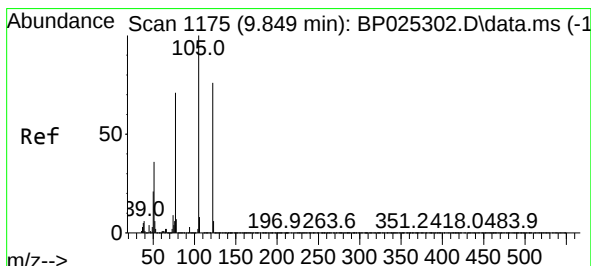
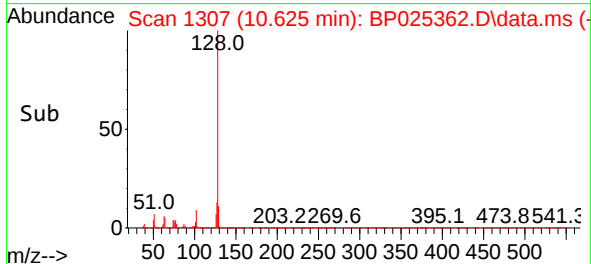
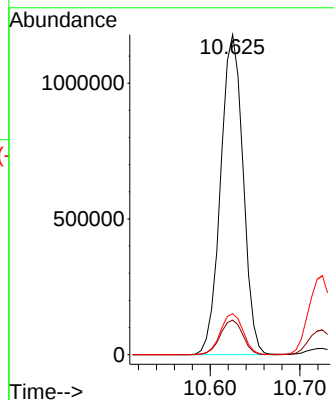
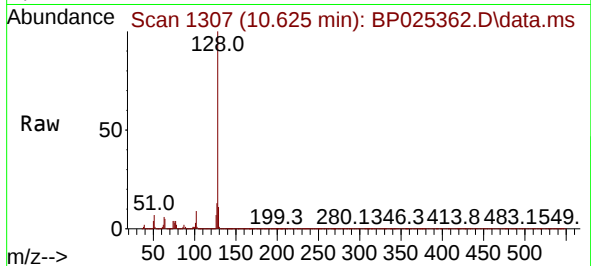




#31  
Naphthalene  
Concen: 44.474 ng  
RT: 10.625 min Scan# 1180  
Delta R.T. -0.000 min  
Lab File: BP025362.D  
Acq: 12 Aug 2025 11:30

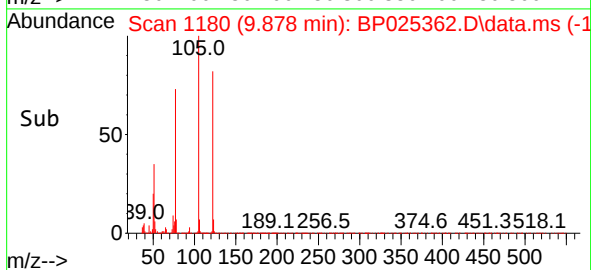
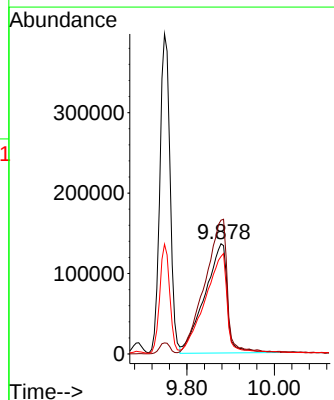
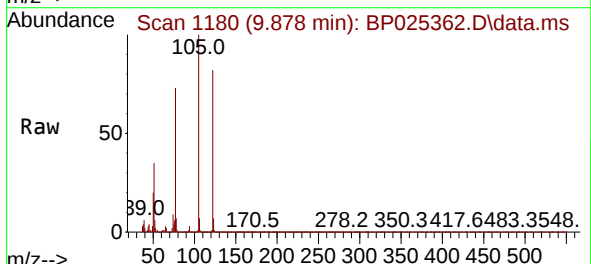
Instrument :  
BNA\_P  
ClientSampleId :  
PB169176BS

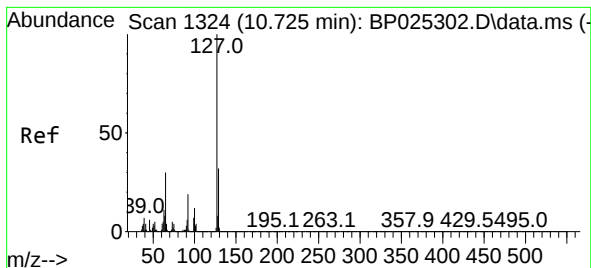
Tgt Ion:128 Resp: 2046658  
Ion Ratio Lower Upper  
128 100  
129 10.8 8.9 13.3  
127 12.8 10.4 15.6



#32  
Benzoic acid  
Concen: 55.174 ng  
RT: 9.878 min Scan# 1180  
Delta R.T. 0.029 min  
Lab File: BP025362.D  
Acq: 12 Aug 2025 11:30

Tgt Ion:122 Resp: 490093  
Ion Ratio Lower Upper  
122 100  
105 121.4 104.0 144.0  
77 88.4 71.8 111.8





#33

4-Chloroaniline

Concen: 26.243 ng

RT: 10.725 min Scan# 11

Delta R.T. -0.000 min

Lab File: BP025362.D

Acq: 12 Aug 2025 11:30

Instrument :

BNA\_P

ClientSampleId :

PB169176BS

Tgt Ion:127 Resp: 537124

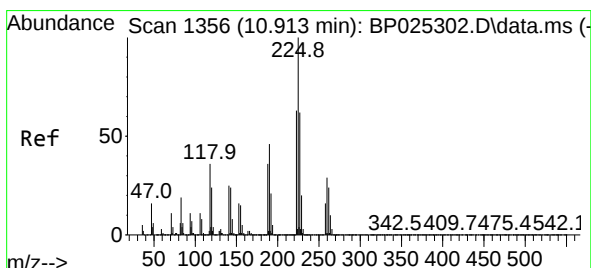
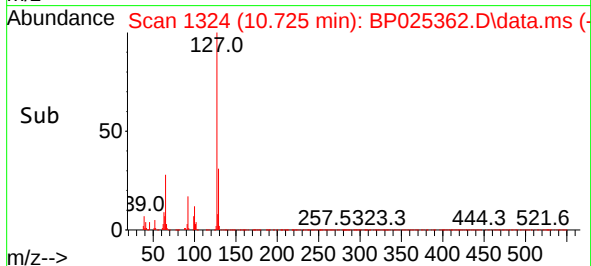
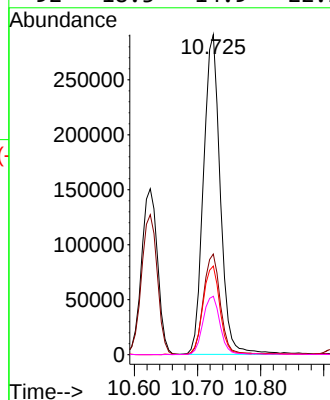
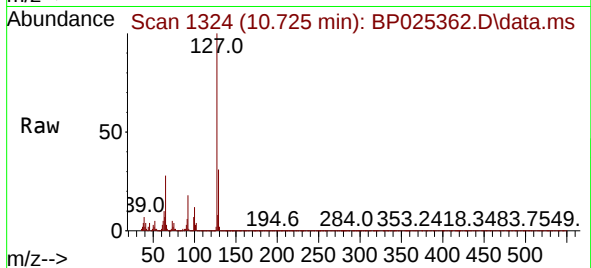
Ion Ratio Lower Upper

127 100

129 31.5 25.8 38.6

65 27.7 23.6 35.4

92 18.3 14.9 22.3



#34

Hexachlorobutadiene

Concen: 47.623 ng

RT: 10.913 min Scan# 1356

Delta R.T. 0.000 min

Lab File: BP025362.D

Acq: 12 Aug 2025 11:30

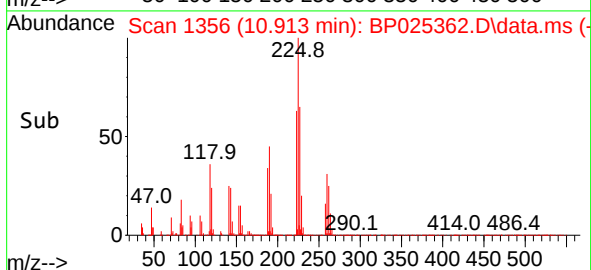
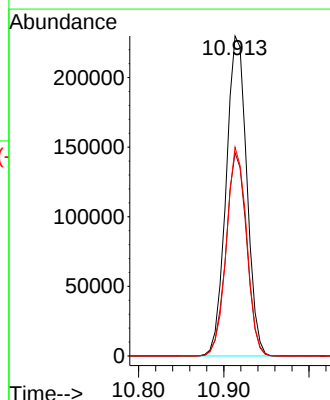
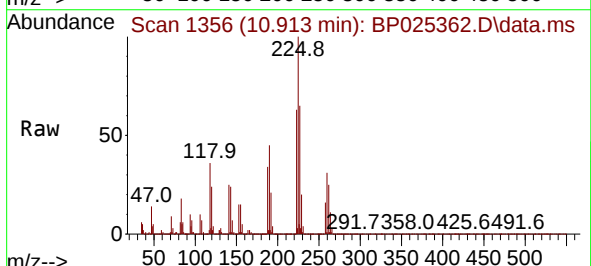
Tgt Ion:225 Resp: 387739

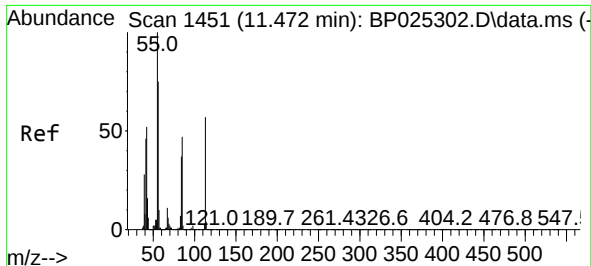
Ion Ratio Lower Upper

225 100

223 63.4 50.3 75.5

227 65.3 49.7 74.5

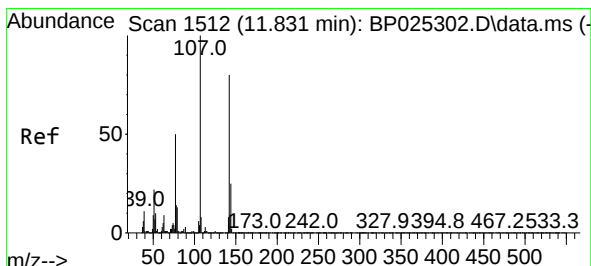
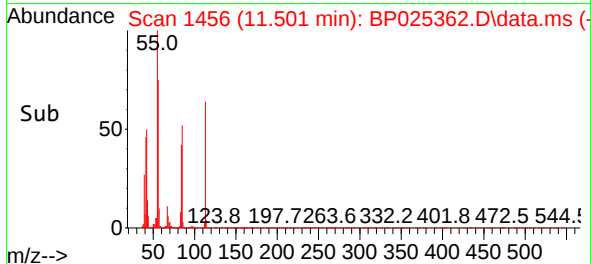
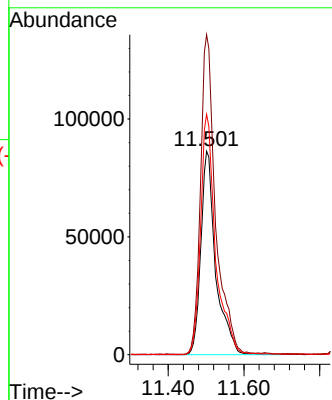
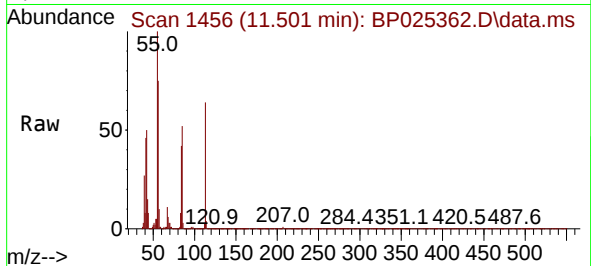




#35  
Caprolactam  
Concen: 47.314 ng  
RT: 11.501 min Scan# 1451  
Delta R.T. 0.029 min  
Lab File: BP025362.D  
Acq: 12 Aug 2025 11:30

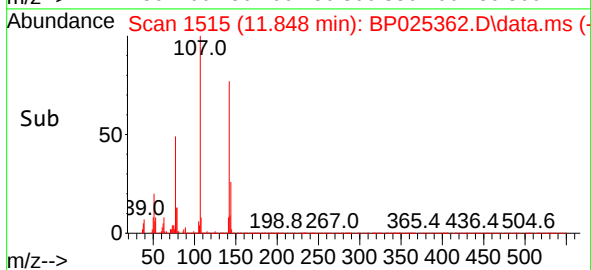
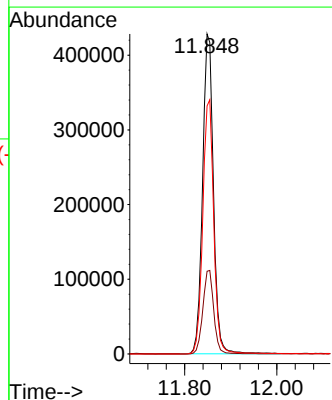
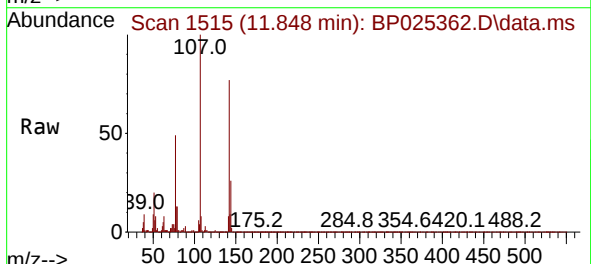
Instrument :  
BNA\_P  
ClientSampleId :  
PB169176BS

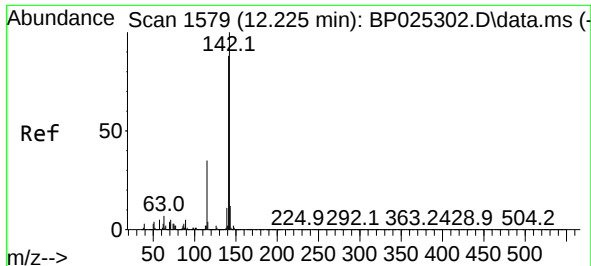
Tgt Ion:113 Resp: 235976  
Ion Ratio Lower Upper  
113 100  
55 157.3 154.4 194.4  
56 118.2 110.9 150.9



#36  
4-Chloro-3-methylphenol  
Concen: 47.423 ng  
RT: 11.848 min Scan# 1515  
Delta R.T. 0.017 min  
Lab File: BP025362.D  
Acq: 12 Aug 2025 11:30

Tgt Ion:107 Resp: 705454  
Ion Ratio Lower Upper  
107 100  
144 25.9 20.4 30.6  
142 77.5 63.7 95.5

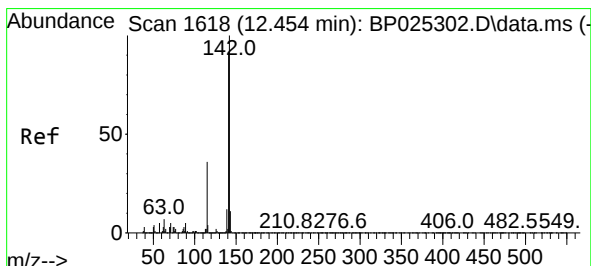
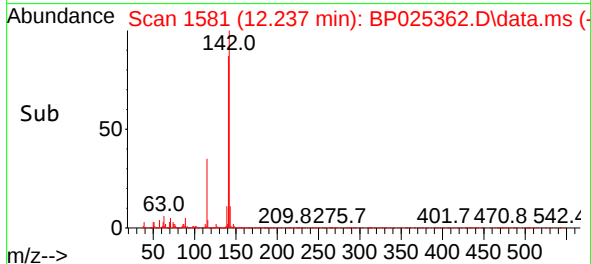
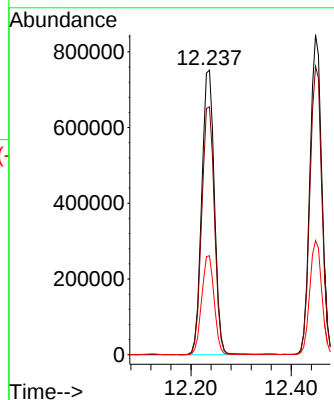
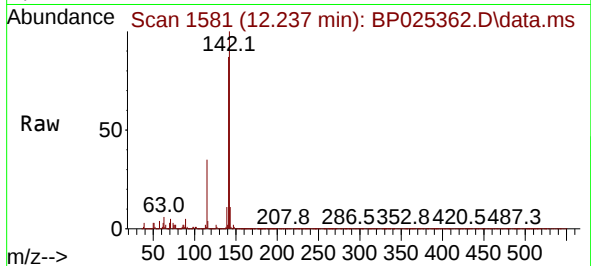




#37  
2-Methylnaphthalene  
Concen: 44.155 ng  
RT: 12.237 min Scan# 1581  
Delta R.T. 0.012 min  
Lab File: BP025362.D  
Acq: 12 Aug 2025 11:30

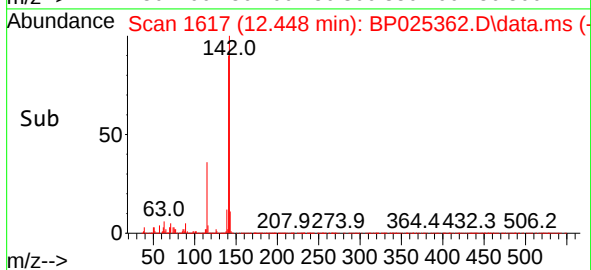
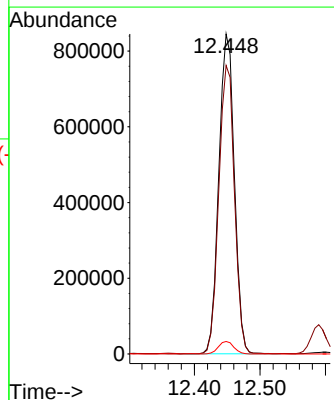
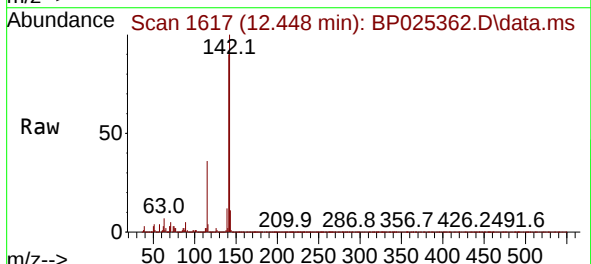
Instrument :  
BNA\_P  
ClientSampleId :  
PB169176BS

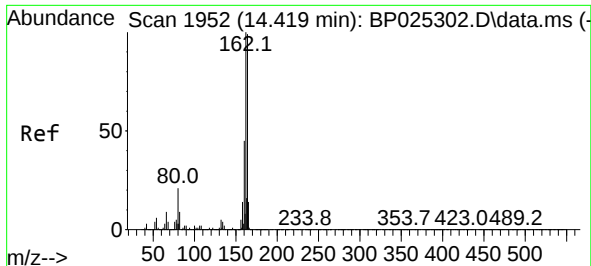
Tgt Ion:142 Resp: 1315226  
Ion Ratio Lower Upper  
142 100  
141 87.1 70.4 105.6  
115 34.7 28.0 42.0



#38  
1-Methylnaphthalene  
Concen: 44.455 ng  
RT: 12.448 min Scan# 1617  
Delta R.T. -0.006 min  
Lab File: BP025362.D  
Acq: 12 Aug 2025 11:30

Tgt Ion:142 Resp: 1381648  
Ion Ratio Lower Upper  
142 100  
141 90.2 73.0 109.6  
116 3.9 3.0 4.6

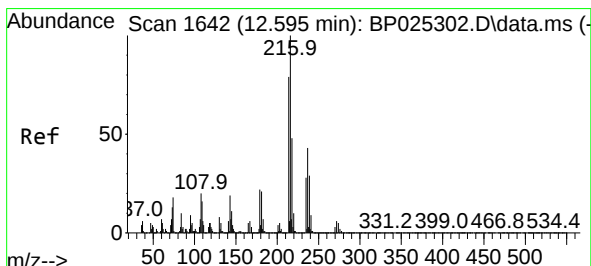
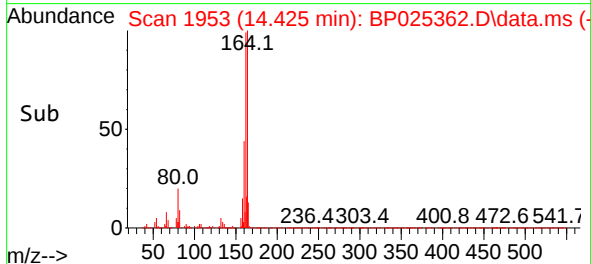
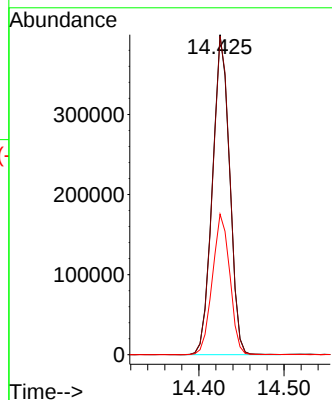
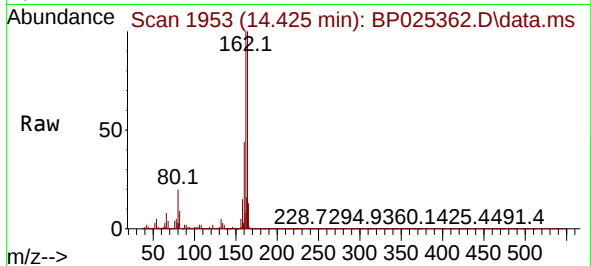




#39  
Acenaphthene-d10  
Concen: 20.000 ng  
RT: 14.425 min Scan# 1952  
Delta R.T. 0.006 min  
Lab File: BP025362.D  
Acq: 12 Aug 2025 11:30

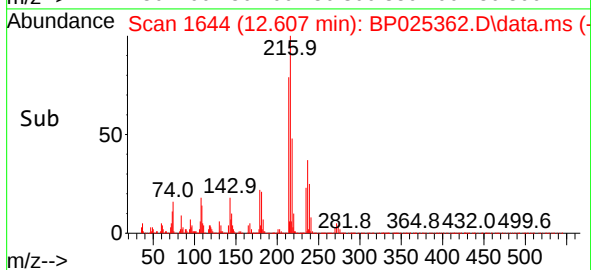
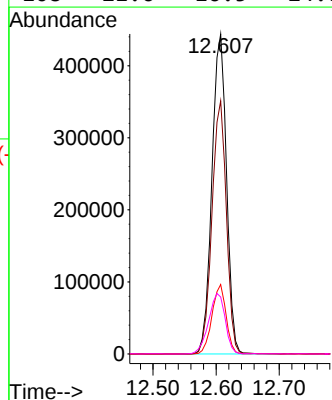
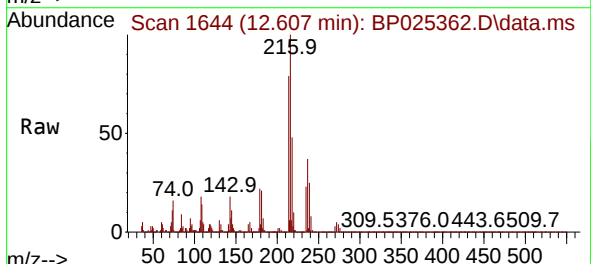
Instrument :  
BNA\_P  
ClientSampleId :  
PB169176BS

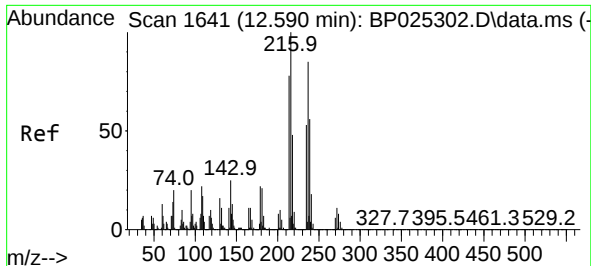
Tgt Ion:164 Resp: 559934  
Ion Ratio Lower Upper  
164 100  
162 99.6 80.6 120.8  
160 43.9 35.9 53.9



#40  
1,2,4,5-Tetrachlorobenzene  
Concen: 46.607 ng  
RT: 12.607 min Scan# 1644  
Delta R.T. 0.012 min  
Lab File: BP025362.D  
Acq: 12 Aug 2025 11:30

Tgt Ion:216 Resp: 712479  
Ion Ratio Lower Upper  
216 100  
214 78.2 62.4 93.6  
179 21.1 17.5 26.3  
108 21.6 16.5 24.7

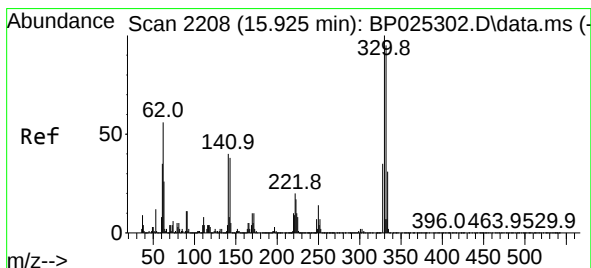
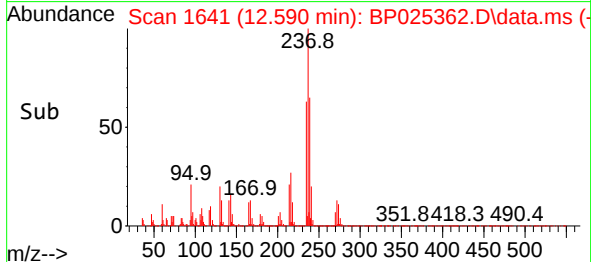
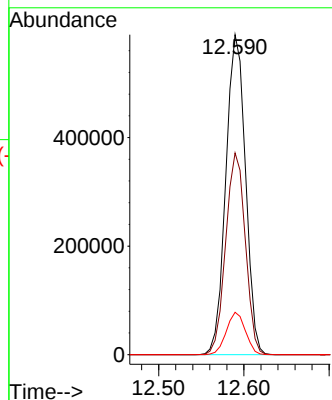
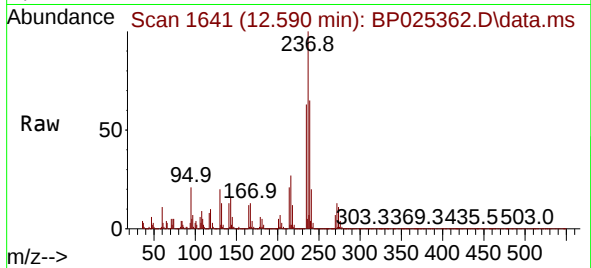




#41  
Hexachlorocyclopentadiene  
Concen: 100.155 ng  
RT: 12.590 min Scan# 1  
Delta R.T. -0.000 min  
Lab File: BP025362.D  
Acq: 12 Aug 2025 11:30

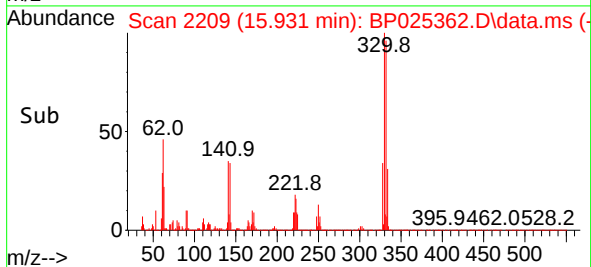
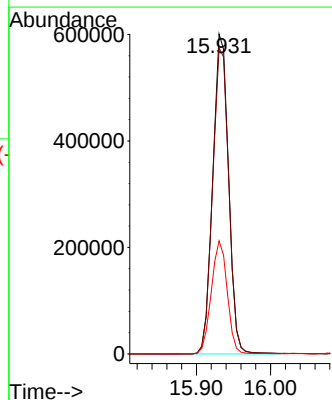
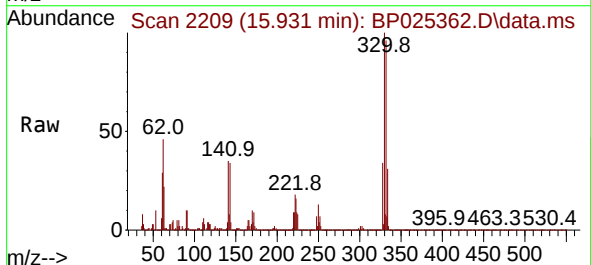
Instrument :  
BNA\_P  
ClientSampleId :  
PB169176BS

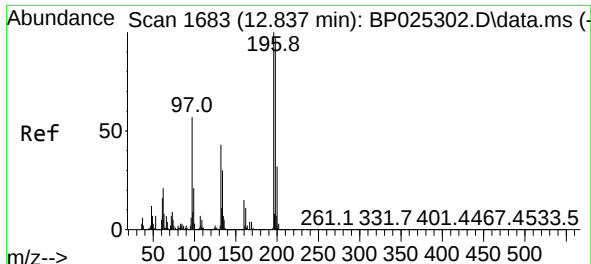
Tgt Ion:237 Resp: 944964  
Ion Ratio Lower Upper  
237 100  
235 63.1 42.2 82.2  
272 13.3 0.0 32.8



#42  
2,4,6-Tribromophenol  
Concen: 159.318 ng  
RT: 15.931 min Scan# 2209  
Delta R.T. 0.006 min  
Lab File: BP025362.D  
Acq: 12 Aug 2025 11:30

Tgt Ion:330 Resp: 889948  
Ion Ratio Lower Upper  
330 100  
332 97.8 77.4 116.0  
141 35.4 31.7 47.5

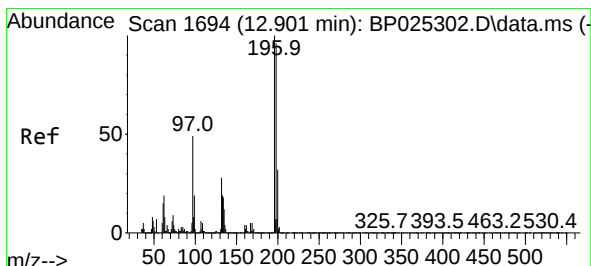
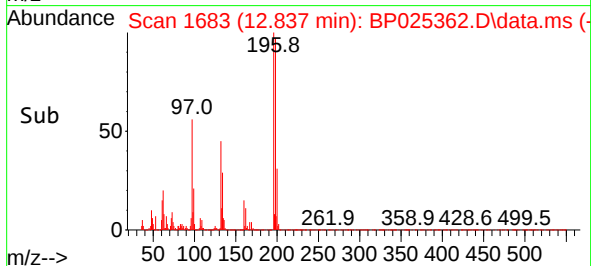
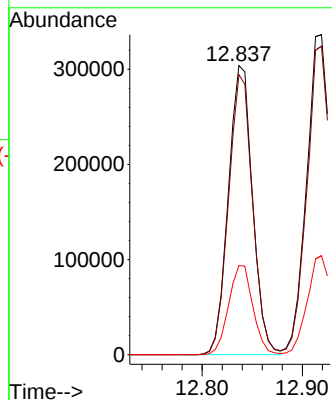
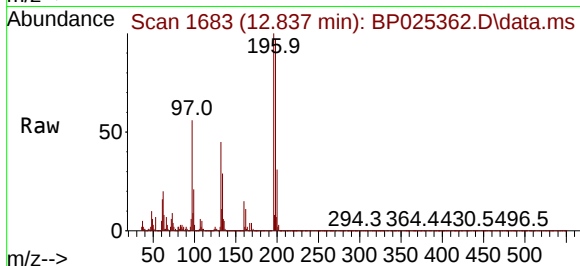




#43  
2,4,6-Trichlorophenol  
Concen: 51.646 ng  
RT: 12.837 min Scan# 1683  
Delta R.T. -0.000 min  
Lab File: BP025362.D  
Acq: 12 Aug 2025 11:30

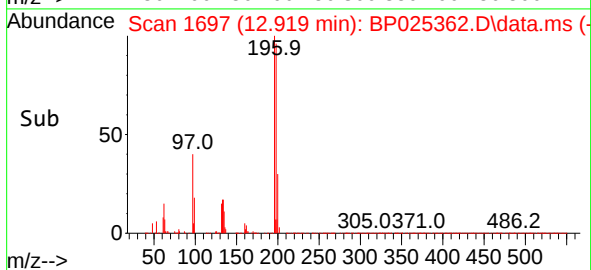
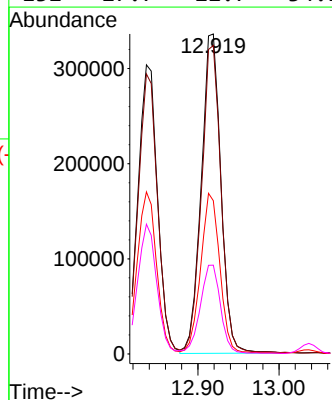
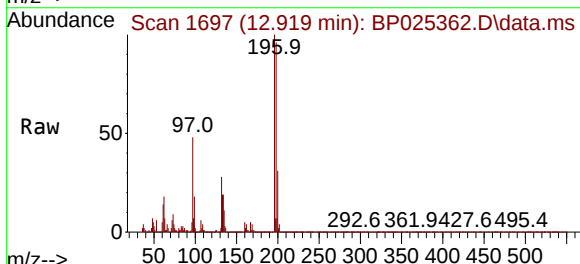
Instrument :  
BNA\_P  
ClientSampleId :  
PB169176BS

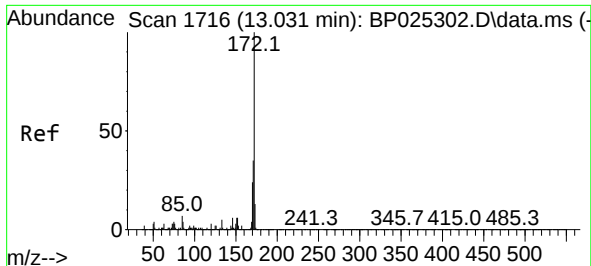
Tgt Ion:196 Resp: 510019  
Ion Ratio Lower Upper  
196 100  
198 96.8 77.3 115.9  
200 30.8 25.4 38.2



#44  
2,4,5-Trichlorophenol  
Concen: 51.035 ng  
RT: 12.919 min Scan# 1697  
Delta R.T. 0.018 min  
Lab File: BP025362.D  
Acq: 12 Aug 2025 11:30

Tgt Ion:196 Resp: 565361  
Ion Ratio Lower Upper  
196 100  
198 96.4 76.6 114.8  
97 47.9 39.5 59.3  
132 27.7 22.7 34.1

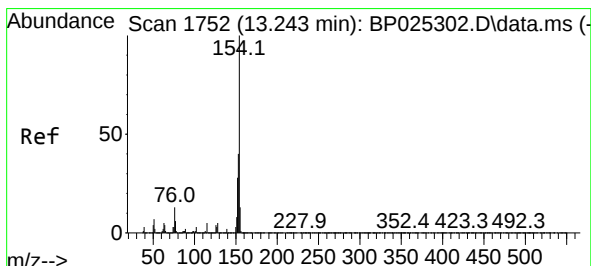
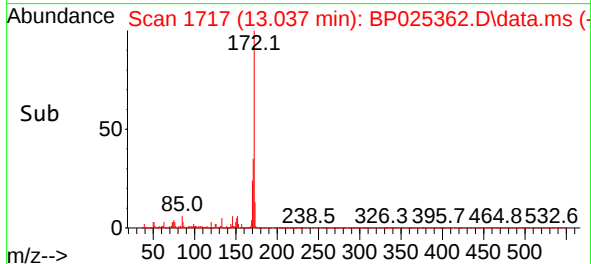
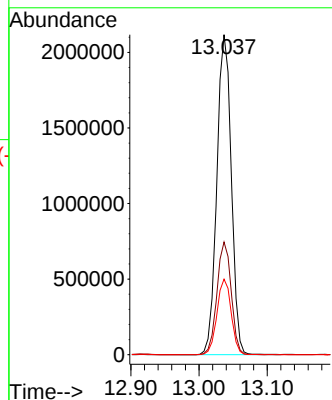
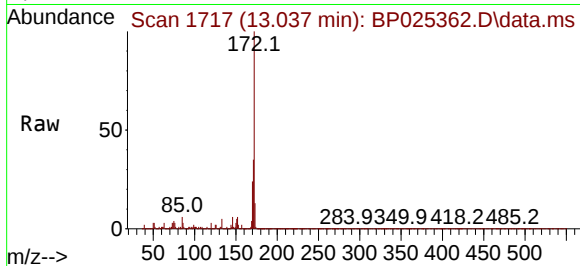




#45  
2-Fluorobiphenyl  
Concen: 76.969 ng  
RT: 13.037 min Scan# 1716  
Delta R.T. 0.006 min  
Lab File: BP025362.D  
Acq: 12 Aug 2025 11:30

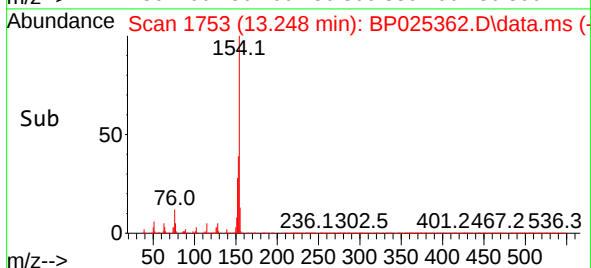
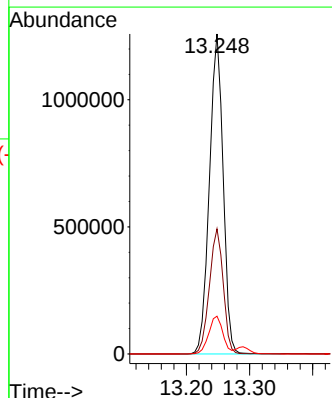
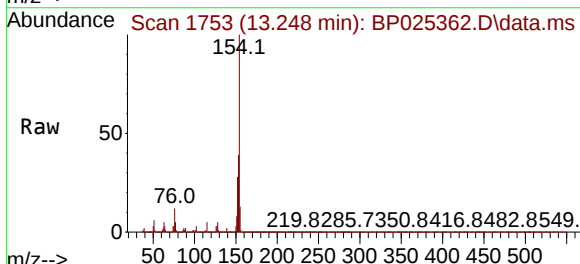
Instrument :  
BNA\_P  
ClientSampleId :  
PB169176BS

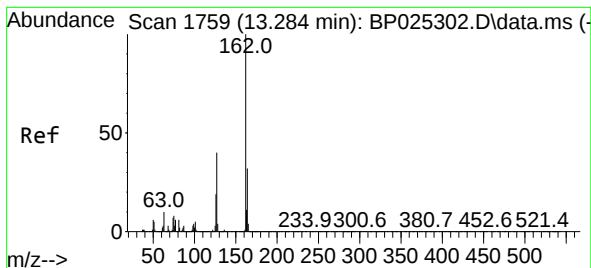
Tgt Ion:172 Resp: 3120279  
Ion Ratio Lower Upper  
172 100  
171 35.2 27.9 41.9  
170 23.6 18.9 28.3



#46  
1,1'-Biphenyl  
Concen: 45.928 ng  
RT: 13.248 min Scan# 1753  
Delta R.T. 0.005 min  
Lab File: BP025362.D  
Acq: 12 Aug 2025 11:30

Tgt Ion:154 Resp: 1895189  
Ion Ratio Lower Upper  
154 100  
153 39.1 19.9 59.9  
76 11.8 0.0 33.2





#47

2-Chloronaphthalene

Concen: 45.280 ng

RT: 13.290 min Scan# 1760

Delta R.T. 0.006 min

Lab File: BP025362.D

Acq: 12 Aug 2025 11:30

Instrument :

BNA\_P

ClientSampleId :

PB169176BS

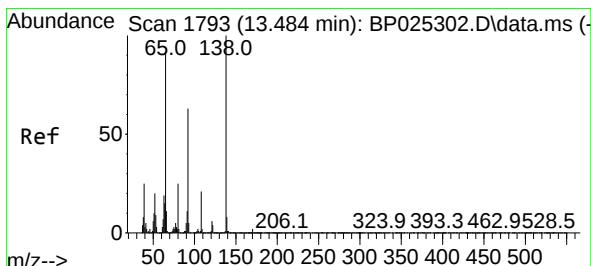
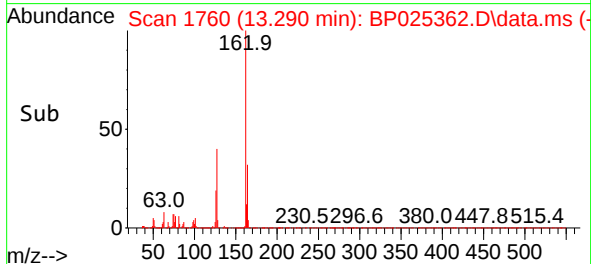
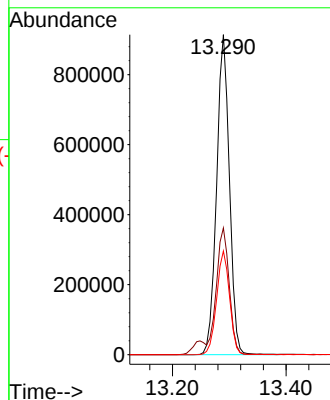
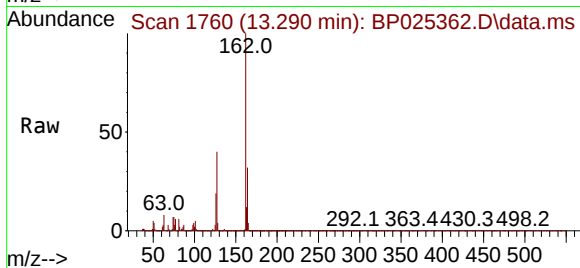
Tgt Ion:162 Resp: 1425474

Ion Ratio Lower Upper

162 100

127 39.6 32.2 48.2

164 32.4 25.9 38.9



#48

2-Nitroaniline

Concen: 47.666 ng

RT: 13.484 min Scan# 1793

Delta R.T. -0.000 min

Lab File: BP025362.D

Acq: 12 Aug 2025 11:30

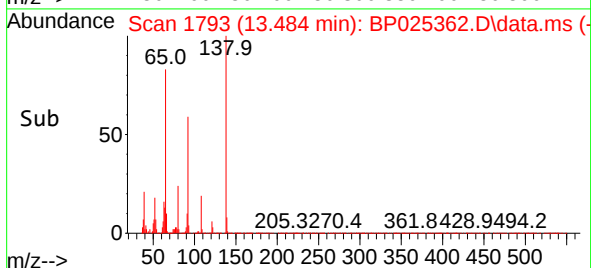
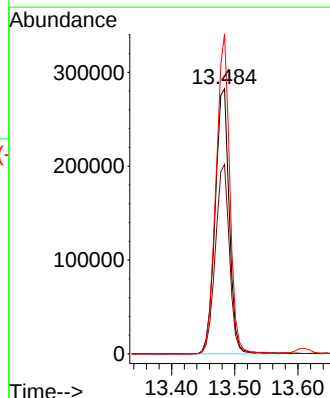
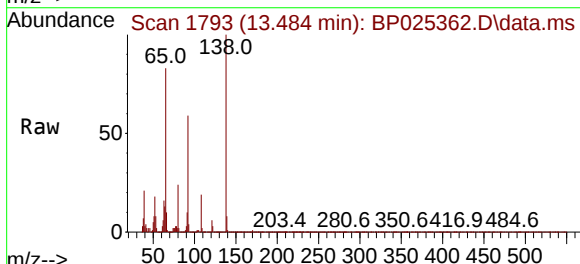
Tgt Ion: 65 Resp: 439377

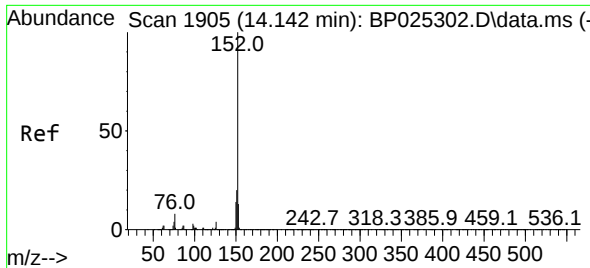
Ion Ratio Lower Upper

65 100

92 71.4 54.4 81.6

138 120.7 87.0 130.4

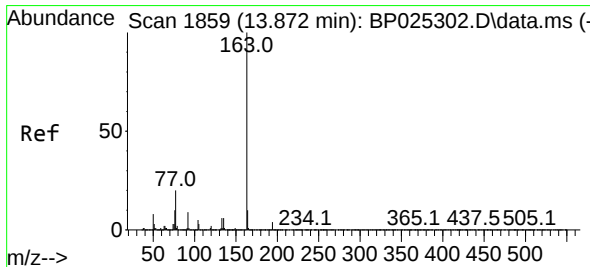
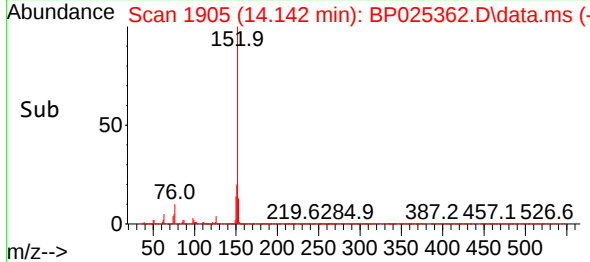
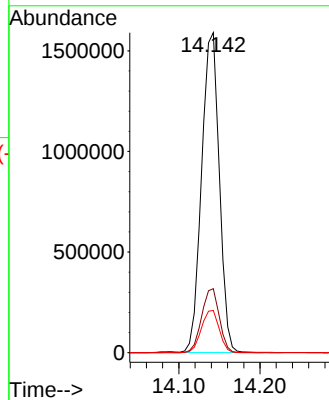
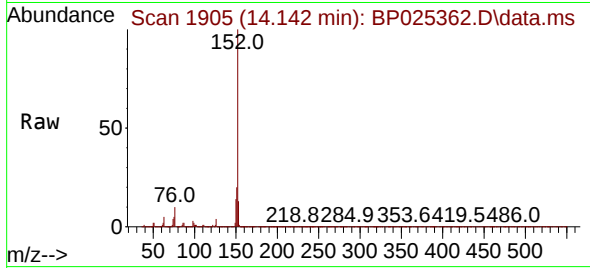




#49  
Acenaphthylene  
Concen: 45.800 ng  
RT: 14.142 min Scan# 1905  
Delta R.T. 0.000 min  
Lab File: BP025362.D  
Acq: 12 Aug 2025 11:30

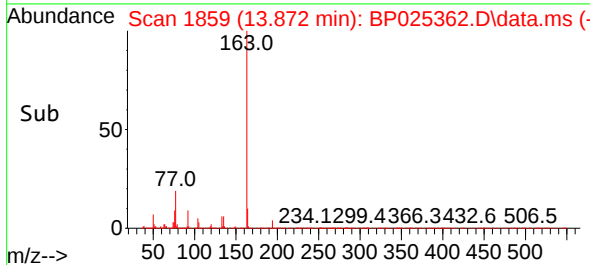
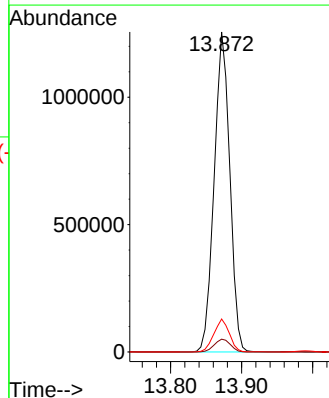
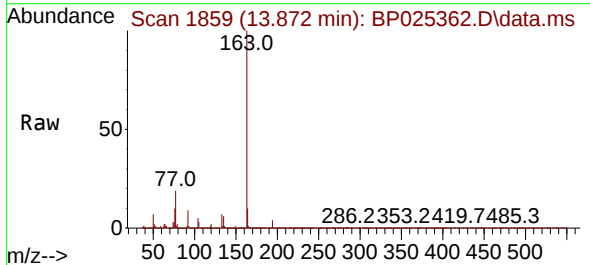
Instrument :  
BNA\_P  
ClientSampleId :  
PB169176BS

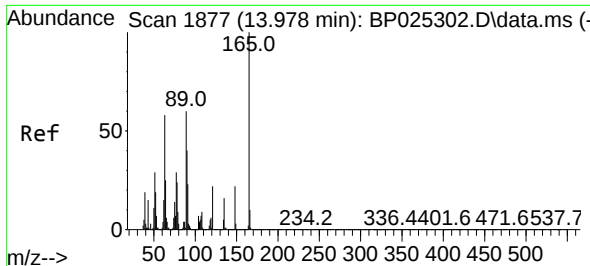
Tgt Ion:152 Resp: 2405072  
Ion Ratio Lower Upper  
152 100  
151 20.0 15.8 23.6  
153 13.2 10.4 15.6



#50  
Dimethylphthalate  
Concen: 46.921 ng  
RT: 13.872 min Scan# 1859  
Delta R.T. -0.000 min  
Lab File: BP025362.D  
Acq: 12 Aug 2025 11:30

Tgt Ion:163 Resp: 1915246  
Ion Ratio Lower Upper  
163 100  
194 4.0 3.3 4.9  
164 10.3 8.0 12.0

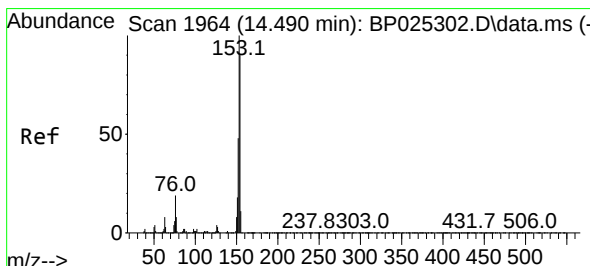
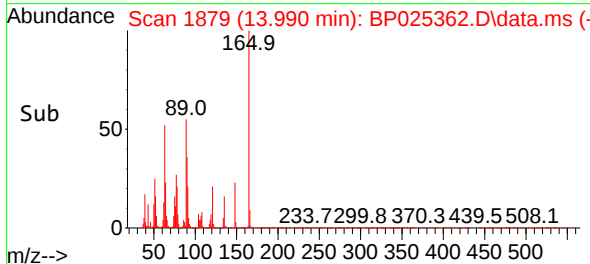
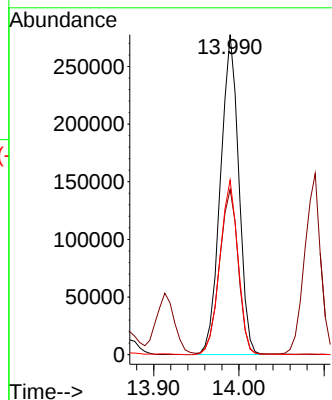
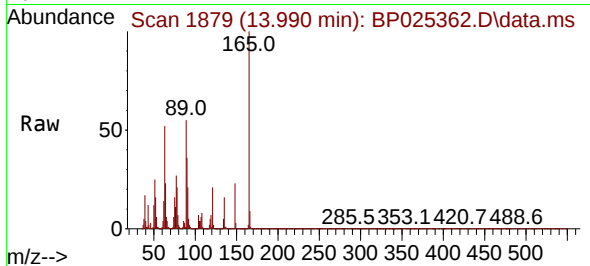




#51  
2,6-Dinitrotoluene  
Concen: 54.988 ng  
RT: 13.990 min Scan# 1879  
Delta R.T. 0.012 min  
Lab File: BP025362.D  
Acq: 12 Aug 2025 11:30

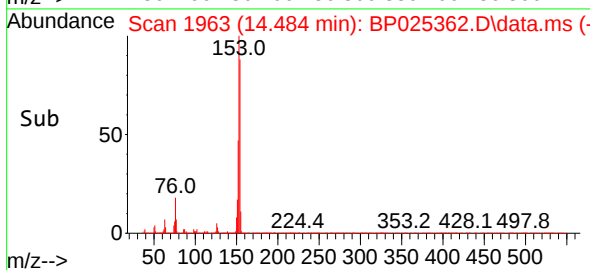
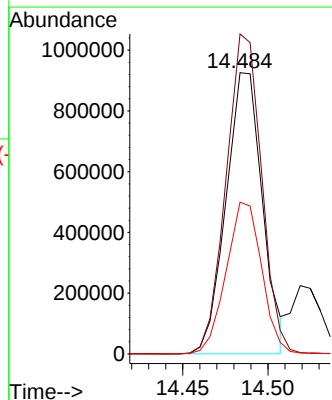
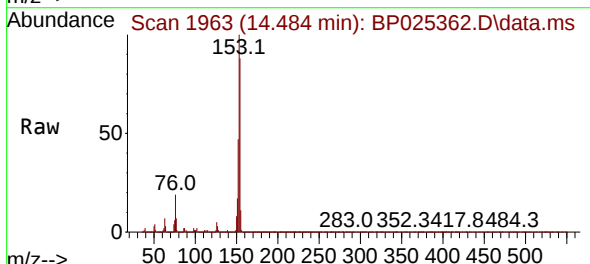
Instrument :  
BNA\_P  
ClientSampleId :  
PB169176BS

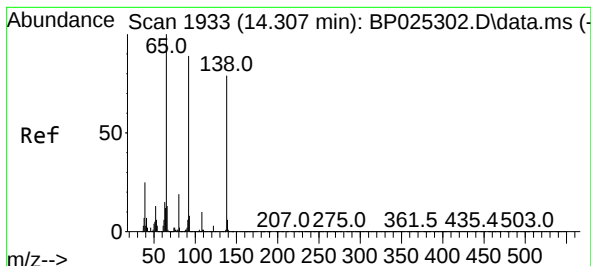
Tgt Ion:165 Resp: 414015  
Ion Ratio Lower Upper  
165 100  
63 51.7 47.6 71.4  
89 54.6 47.8 71.8



#52  
Acenaphthene  
Concen: 42.894 ng  
RT: 14.484 min Scan# 1963  
Delta R.T. -0.006 min  
Lab File: BP025362.D  
Acq: 12 Aug 2025 11:30

Tgt Ion:154 Resp: 1373939  
Ion Ratio Lower Upper  
154 100  
153 113.7 89.4 134.0  
152 54.0 43.0 64.6

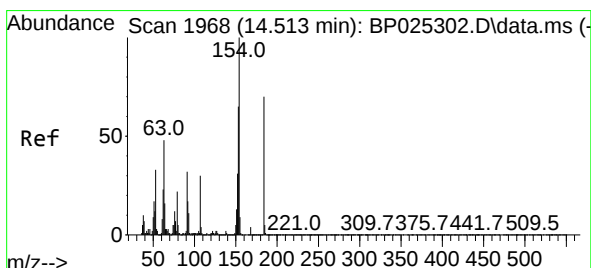
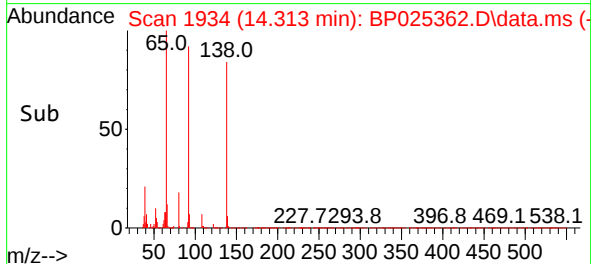
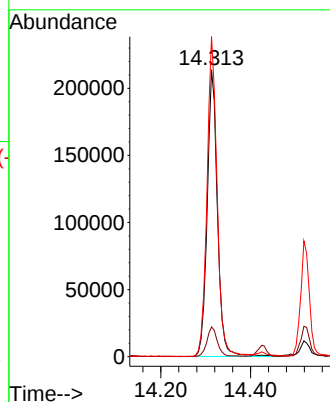
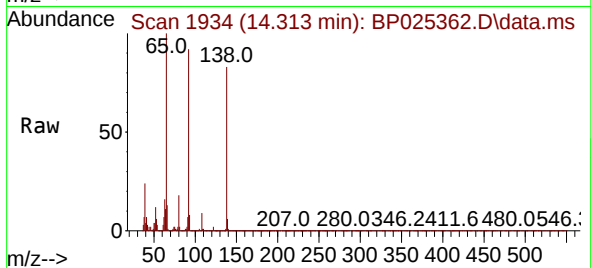




#53  
3-Nitroaniline  
Concen: 38.541 ng  
RT: 14.313 min Scan# 1934  
Delta R.T. 0.006 min  
Lab File: BP025362.D  
Acq: 12 Aug 2025 11:30

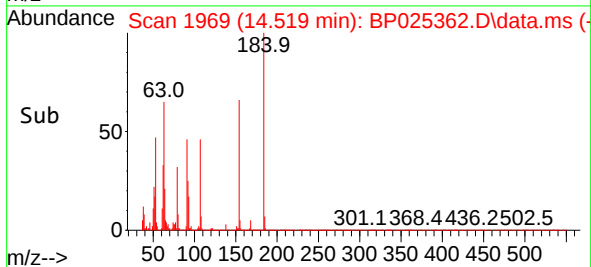
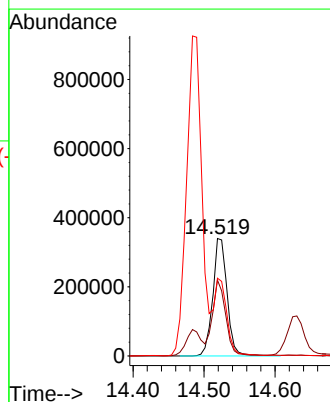
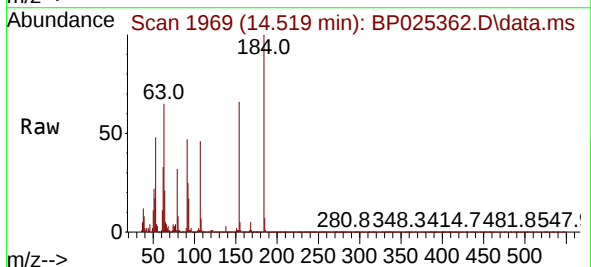
Instrument :  
BNA\_P  
ClientSampleId :  
PB169176BS

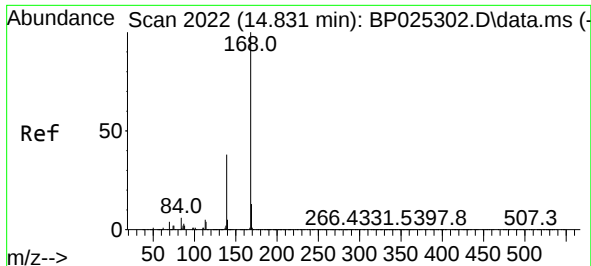
Tgt Ion:138 Resp: 339554  
Ion Ratio Lower Upper  
138 100  
108 10.4 10.5 15.7#  
92 111.5 90.9 136.3



#54  
2,4-Dinitrophenol  
Concen: 99.036 ng  
RT: 14.519 min Scan# 1969  
Delta R.T. 0.006 min  
Lab File: BP025362.D  
Acq: 12 Aug 2025 11:30

Tgt Ion:184 Resp: 477041  
Ion Ratio Lower Upper  
184 100  
63 64.7 56.3 84.5  
154 66.2 124.5 186.7#

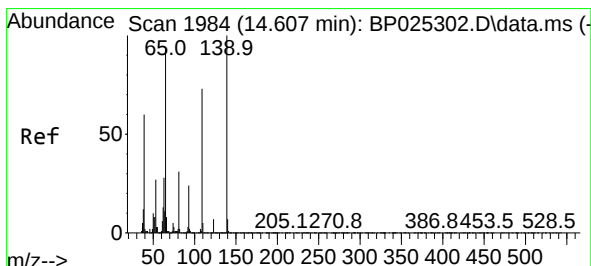
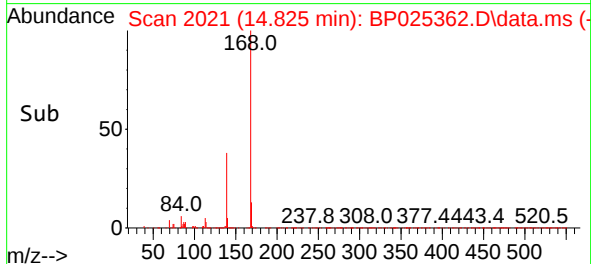
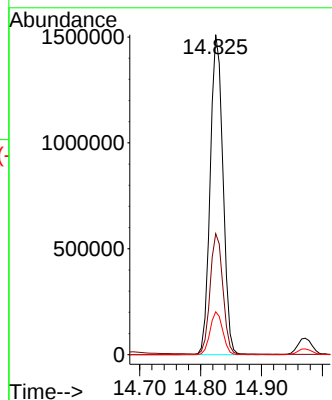
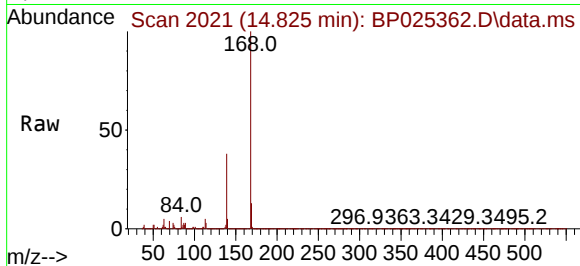




#55  
Dibenzofuran  
Concen: 45.876 ng  
RT: 14.825 min Scan# 20  
Delta R.T. -0.006 min  
Lab File: BP025362.D  
Acq: 12 Aug 2025 11:30

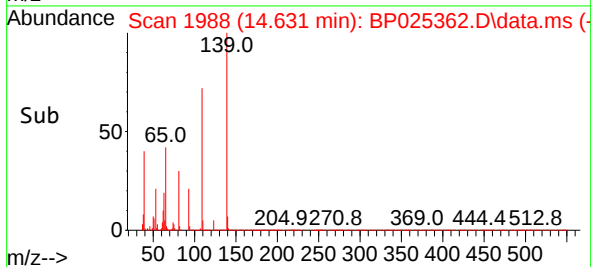
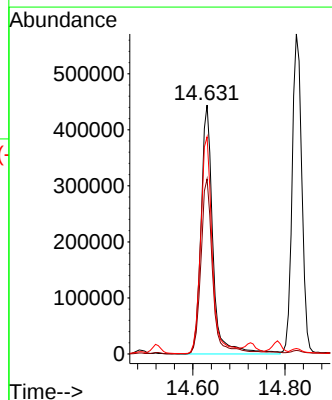
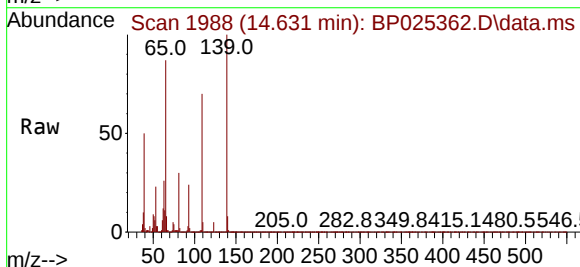
Instrument :  
BNA\_P  
ClientSampleId :  
PB169176BS

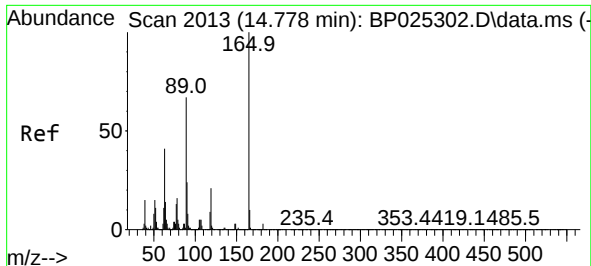
Tgt Ion:168 Resp: 2195907  
Ion Ratio Lower Upper  
168 100  
139 37.8 30.5 45.7  
169 13.4 10.6 15.8



#56  
4-Nitrophenol  
Concen: 102.178 ng  
RT: 14.631 min Scan# 1988  
Delta R.T. 0.024 min  
Lab File: BP025362.D  
Acq: 12 Aug 2025 11:30

Tgt Ion:139 Resp: 794482  
Ion Ratio Lower Upper  
139 100  
109 70.3 52.7 92.7  
65 87.2 73.4 113.4

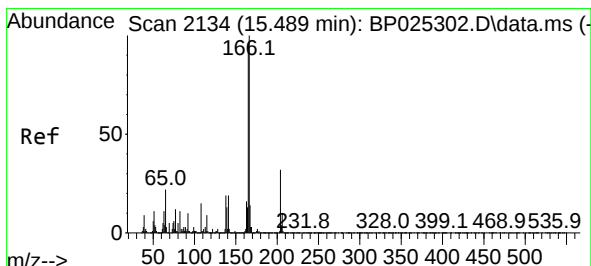
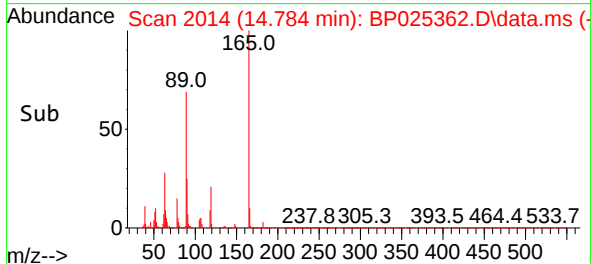
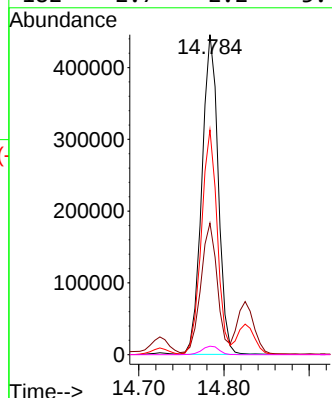
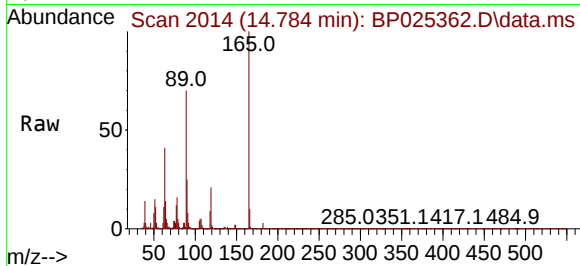




#57  
2,4-Dinitrotoluene  
Concen: 50.560 ng  
RT: 14.784 min Scan# 2014  
Delta R.T. 0.006 min  
Lab File: BP025362.D  
Acq: 12 Aug 2025 11:30

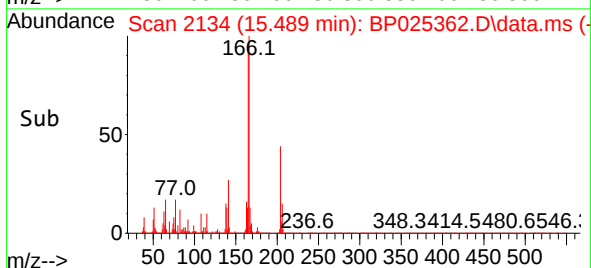
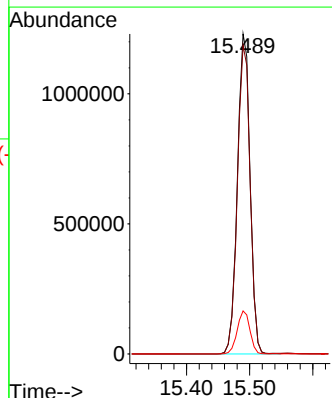
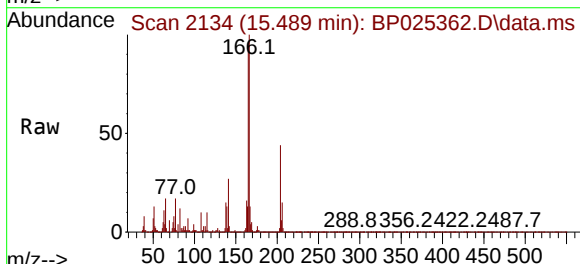
Instrument :  
BNA\_P  
ClientSampleId :  
PB169176BS

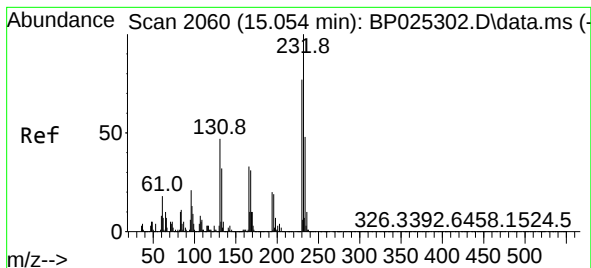
Tgt Ion:165 Resp: 592279  
Ion Ratio Lower Upper  
165 100  
63 41.1 33.2 49.8  
89 70.3 53.5 80.3  
182 2.7 2.2 3.4



#58  
Fluorene  
Concen: 45.578 ng  
RT: 15.489 min Scan# 2134  
Delta R.T. 0.000 min  
Lab File: BP025362.D  
Acq: 12 Aug 2025 11:30

Tgt Ion:166 Resp: 1713488  
Ion Ratio Lower Upper  
166 100  
165 96.4 76.7 115.1  
167 13.5 10.9 16.3

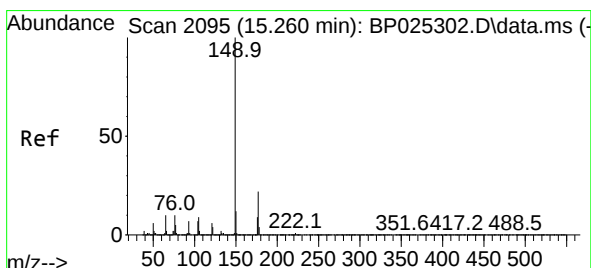
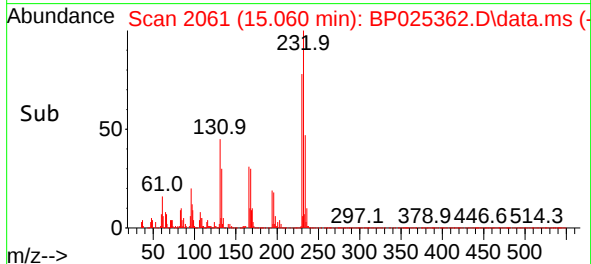
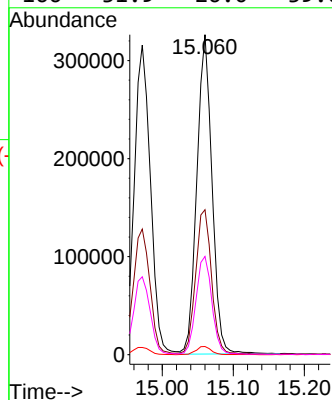
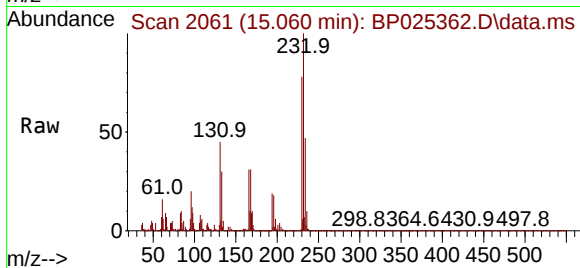




#59  
2,3,4,6-Tetrachlorophenol  
Concen: 52.498 ng  
RT: 15.060 min Scan# 2061  
Delta R.T. 0.006 min  
Lab File: BP025362.D  
Acq: 12 Aug 2025 11:30

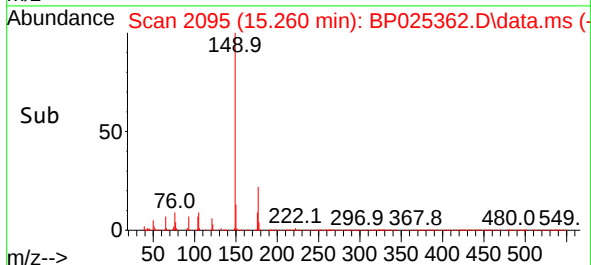
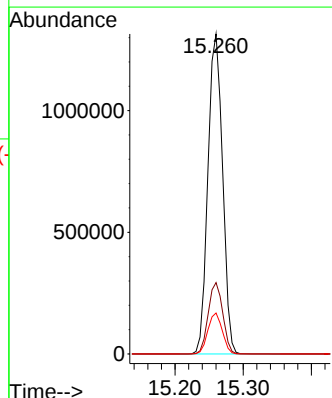
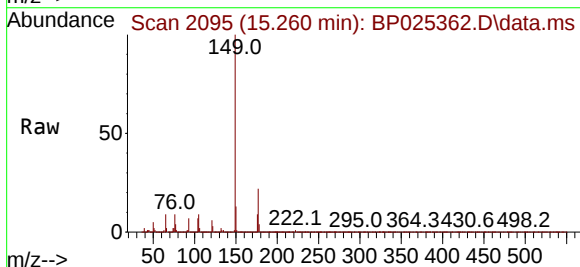
Instrument :  
BNA\_P  
ClientSampleId :  
PB169176BS

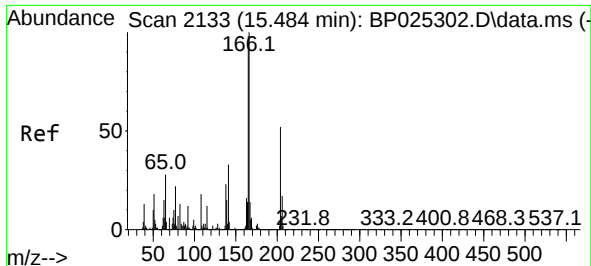
Tgt Ion:232 Resp: 485805  
Ion Ratio Lower Upper  
232 100  
131 47.3 39.3 58.9  
130 2.5 2.2 3.2  
166 31.9 26.0 39.0



#60  
Diethylphthalate  
Concen: 47.748 ng  
RT: 15.260 min Scan# 2095  
Delta R.T. 0.000 min  
Lab File: BP025362.D  
Acq: 12 Aug 2025 11:30

Tgt Ion:149 Resp: 1964959  
Ion Ratio Lower Upper  
149 100  
177 22.3 17.4 26.2  
150 12.8 9.8 14.8

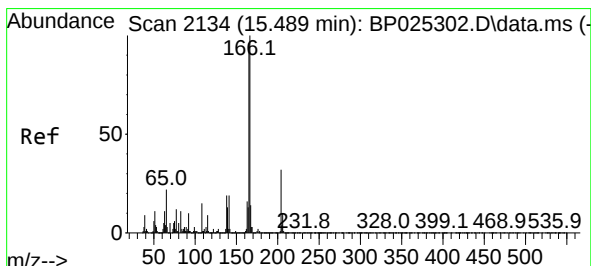
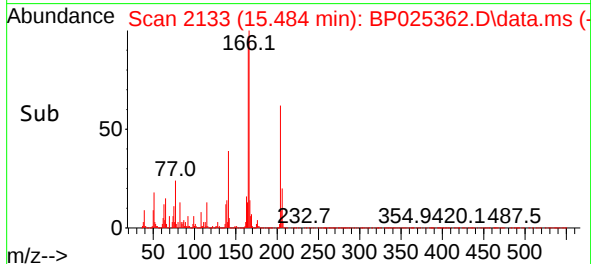
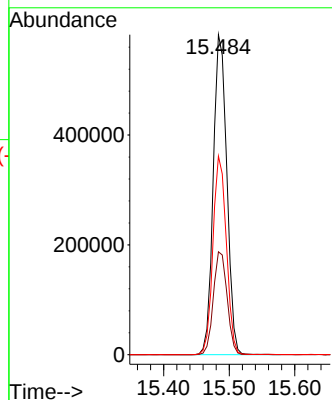
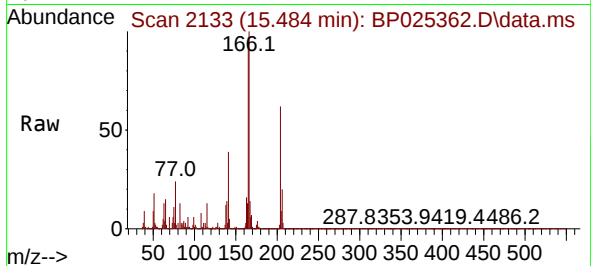




#61  
4-Chlorophenyl-phenylether  
Concen: 46.981 ng  
RT: 15.484 min Scan# 2133  
Delta R.T. -0.000 min  
Lab File: BP025362.D  
Acq: 12 Aug 2025 11:30

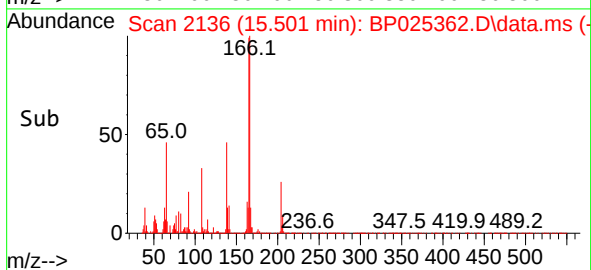
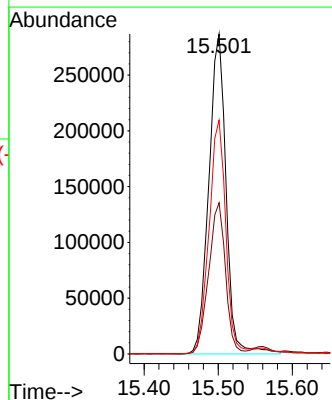
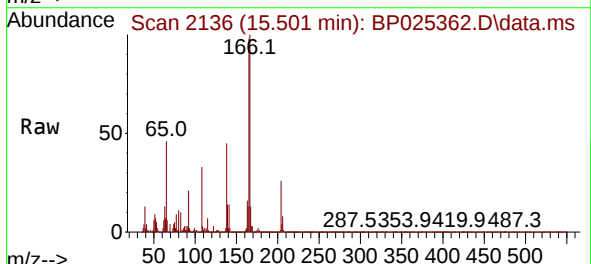
Instrument :  
BNA\_P  
ClientSampleId :  
PB169176BS

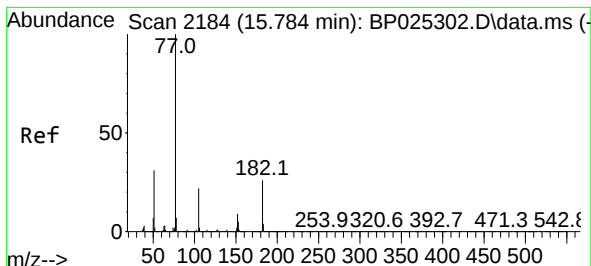
Tgt Ion:204 Resp: 837336  
Ion Ratio Lower Upper  
204 100  
206 32.2 27.0 40.4  
141 62.1 50.3 75.5



#62  
4-Nitroaniline  
Concen: 53.009 ng  
RT: 15.501 min Scan# 2136  
Delta R.T. 0.012 min  
Lab File: BP025362.D  
Acq: 12 Aug 2025 11:30

Tgt Ion:138 Resp: 462742  
Ion Ratio Lower Upper  
138 100  
92 47.3 29.8 69.8  
108 73.1 56.6 96.6





#63

Azobenzene

Concen: 44.490 ng

RT: 15.784 min Scan# 2184

Delta R.T. -0.000 min

Lab File: BP025362.D

Acq: 12 Aug 2025 11:30

Instrument :

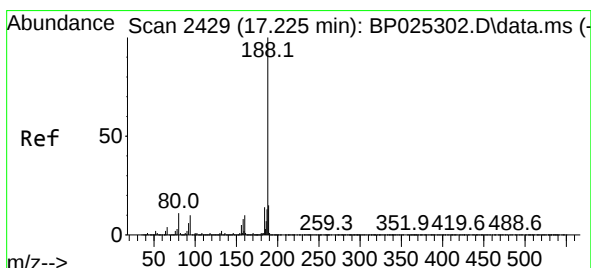
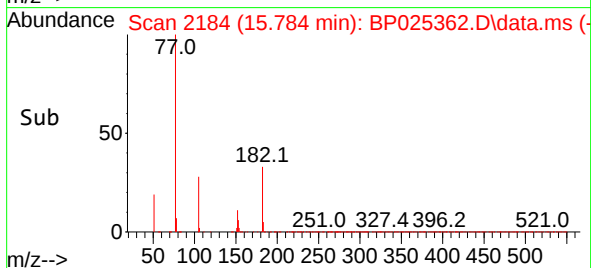
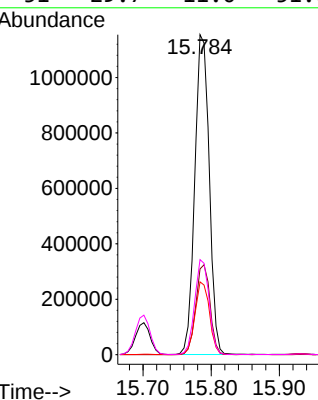
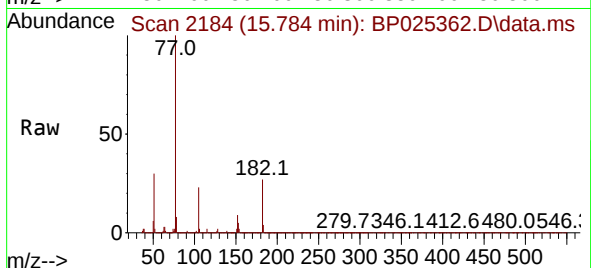
BNA\_P

ClientSampleId :

PB169176BS

Tgt Ion: 77 Resp: 1700864

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 77  | 100   |       |       |
| 182 | 26.8  | 6.0   | 46.0  |
| 105 | 22.8  | 2.1   | 42.1  |
| 51  | 29.7  | 11.0  | 51.0  |



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.225 min Scan# 2429

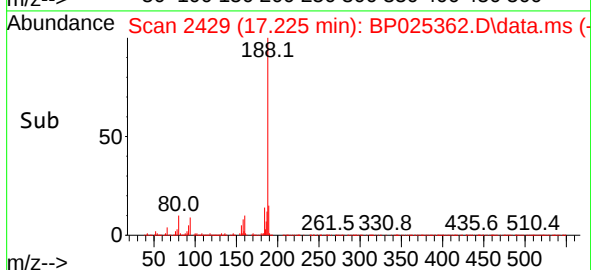
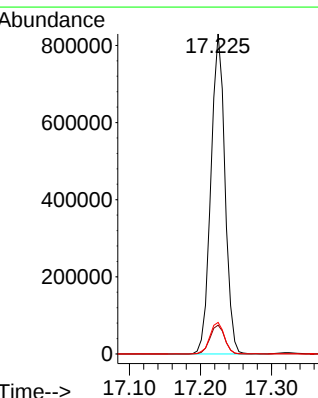
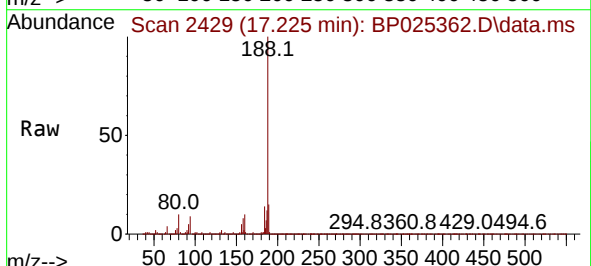
Delta R.T. -0.000 min

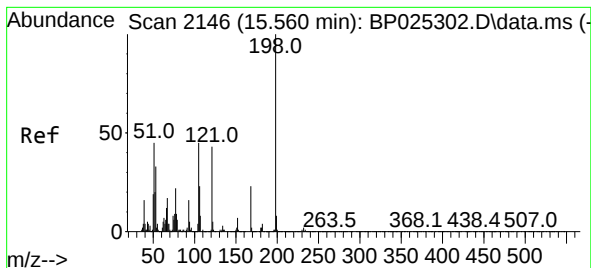
Lab File: BP025362.D

Acq: 12 Aug 2025 11:30

Tgt Ion:188 Resp: 1136515

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 188 | 100   |       |       |
| 94  | 9.0   | 8.0   | 12.0  |
| 80  | 9.9   | 8.5   | 12.7  |

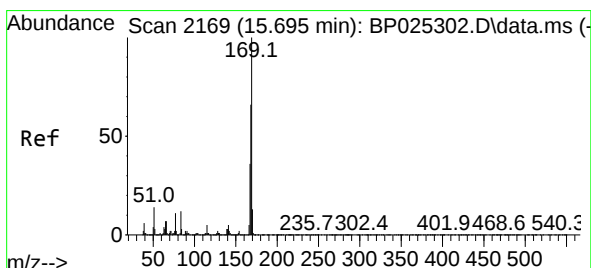
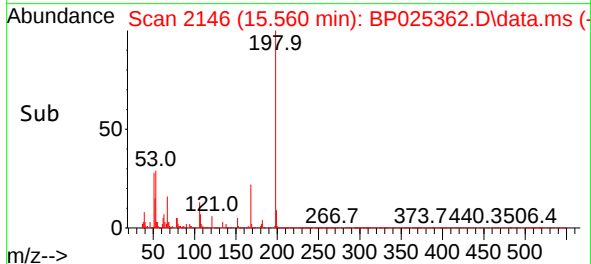
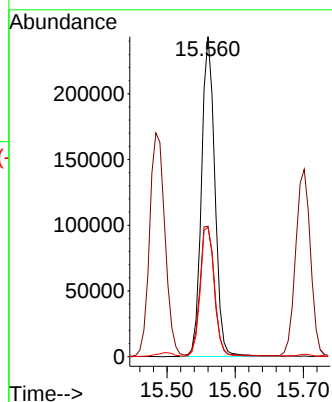
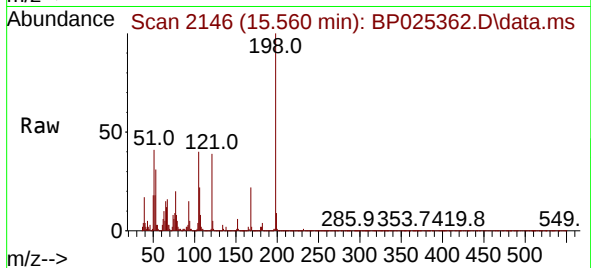




#65  
4,6-Dinitro-2-methylphenol  
Concen: 60.351 ng  
RT: 15.560 min Scan# 2146  
Delta R.T. 0.000 min  
Lab File: BP025362.D  
Acq: 12 Aug 2025 11:30

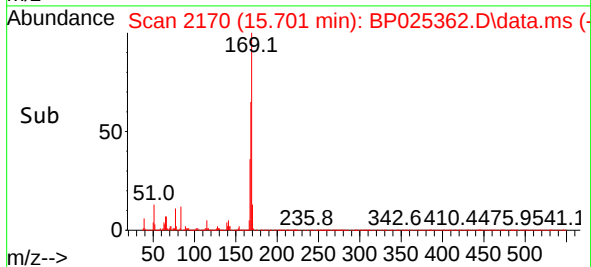
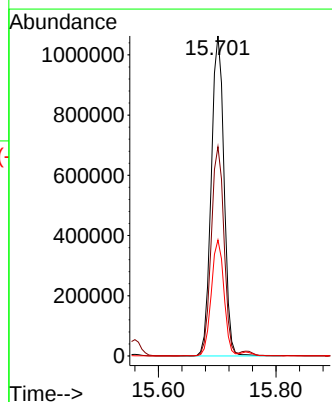
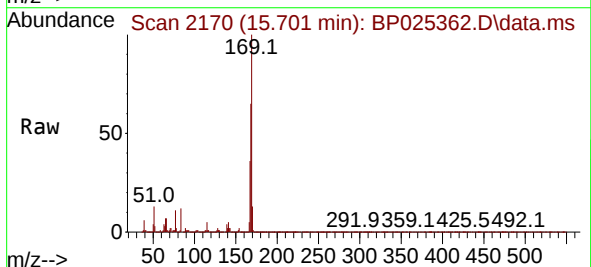
Instrument :  
BNA\_P  
ClientSampleId :  
PB169176BS

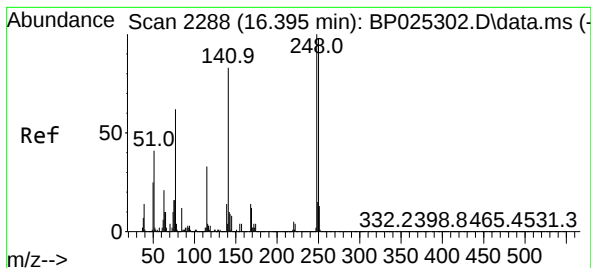
Tgt Ion:198 Resp: 332908  
Ion Ratio Lower Upper  
198 100  
51 40.7 26.7 66.7  
105 40.4 25.6 65.6



#66  
n-Nitrosodiphenylamine  
Concen: 46.461 ng  
RT: 15.701 min Scan# 2170  
Delta R.T. 0.006 min  
Lab File: BP025362.D  
Acq: 12 Aug 2025 11:30

Tgt Ion:169 Resp: 1607766  
Ion Ratio Lower Upper  
169 100  
168 65.4 52.8 79.2  
167 36.2 28.5 42.7

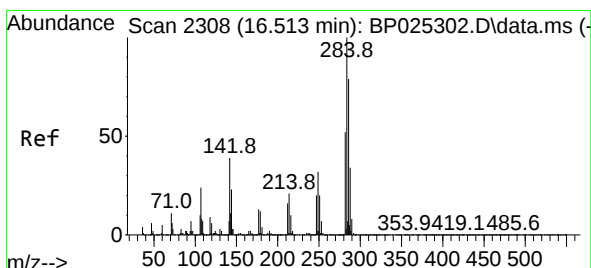
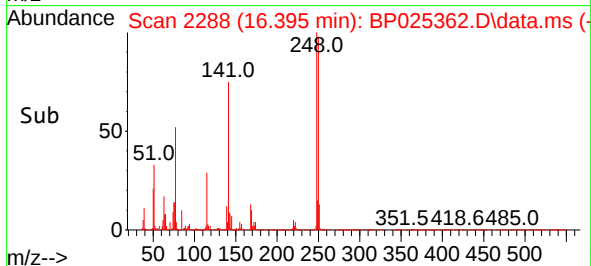
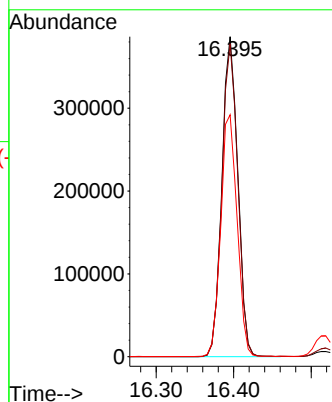
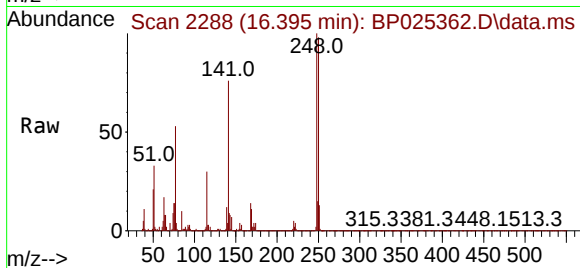




#67  
4-Bromophenyl-phenylether  
Concen: 48.125 ng  
RT: 16.395 min Scan# 21  
Delta R.T. 0.000 min  
Lab File: BP025362.D  
Acq: 12 Aug 2025 11:30

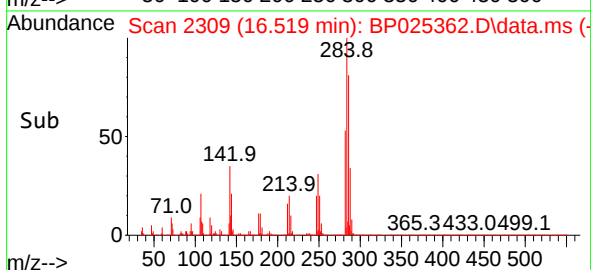
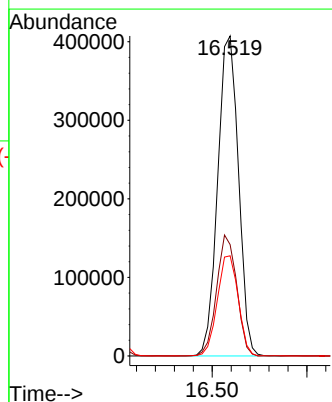
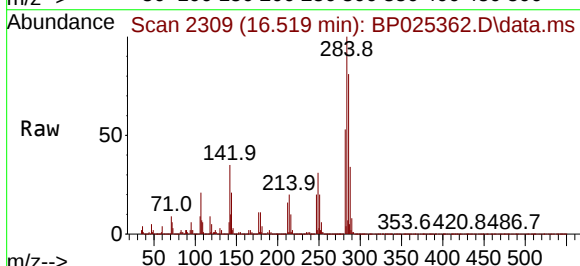
Instrument :  
BNA\_P  
ClientSampleId :  
PB169176BS

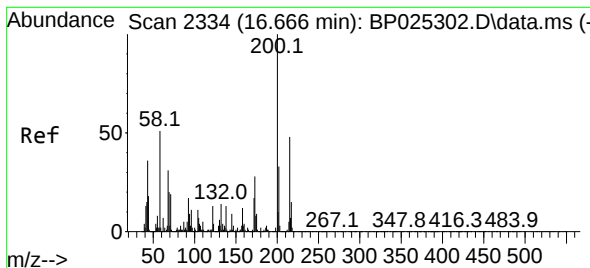
Tgt Ion:248 Resp: 550321  
Ion Ratio Lower Upper  
248 100  
250 97.8 78.6 117.8  
141 75.6 66.6 99.8



#68  
Hexachlorobenzene  
Concen: 48.382 ng  
RT: 16.519 min Scan# 2309  
Delta R.T. 0.006 min  
Lab File: BP025362.D  
Acq: 12 Aug 2025 11:30

Tgt Ion:284 Resp: 620802  
Ion Ratio Lower Upper  
284 100  
142 34.8 30.8 46.2  
249 31.3 25.4 38.0





#69

Atrazine

Concen: 49.832 ng

RT: 16.672 min Scan# 21

Delta R.T. 0.006 min

Lab File: BP025362.D

Acq: 12 Aug 2025 11:30

Instrument :

BNA\_P

ClientSampleId :

PB169176BS

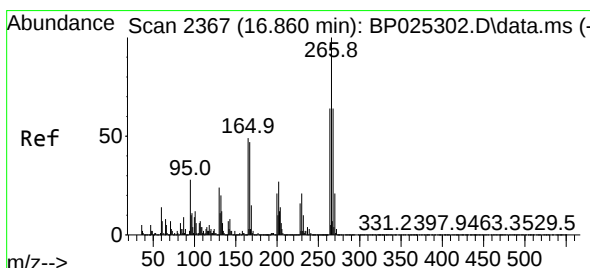
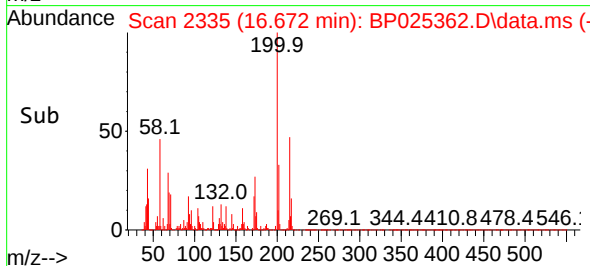
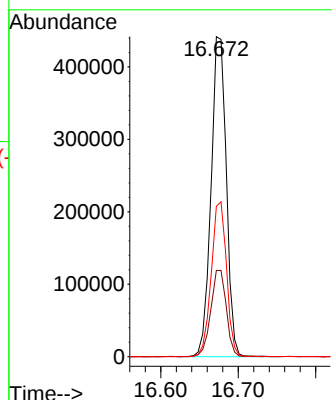
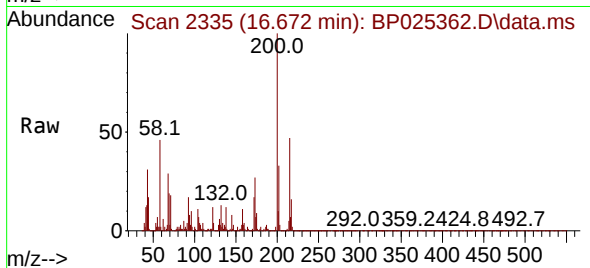
Tgt Ion:200 Resp: 606431

Ion Ratio Lower Upper

200 100

173 26.9 8.2 48.2

215 47.0 28.1 68.1



#70

Pentachlorophenol

Concen: 106.481 ng

RT: 16.866 min Scan# 2368

Delta R.T. 0.006 min

Lab File: BP025362.D

Acq: 12 Aug 2025 11:30

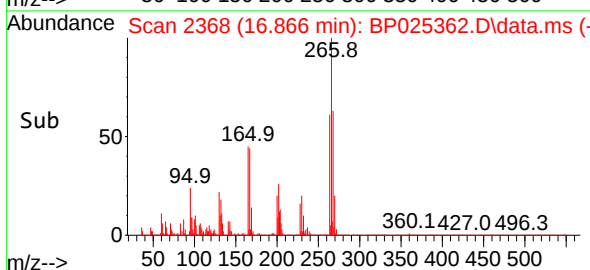
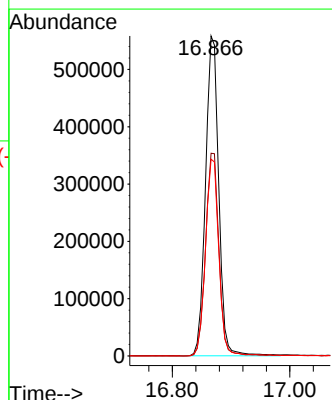
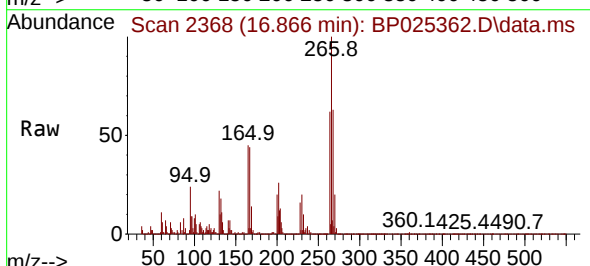
Tgt Ion:266 Resp: 870458

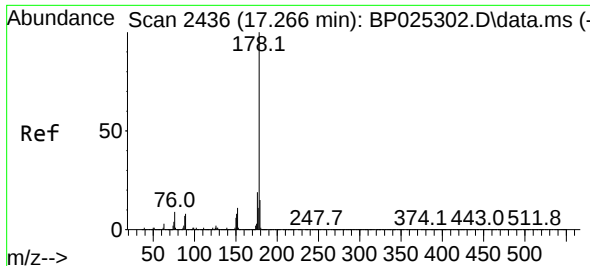
Ion Ratio Lower Upper

266 100

268 63.4 51.4 77.0

264 61.5 51.1 76.7

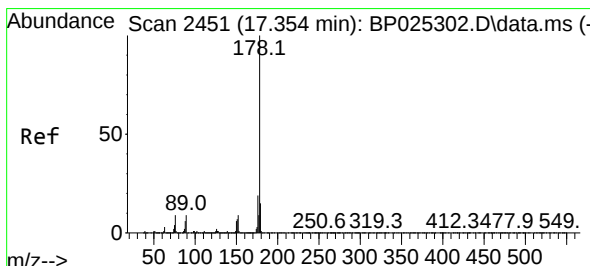
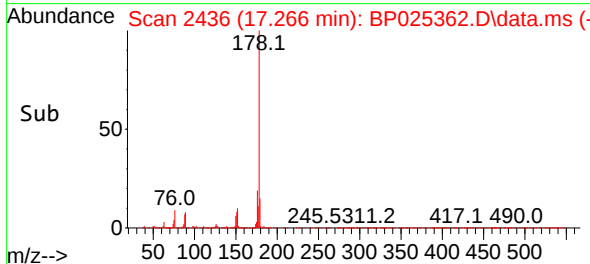
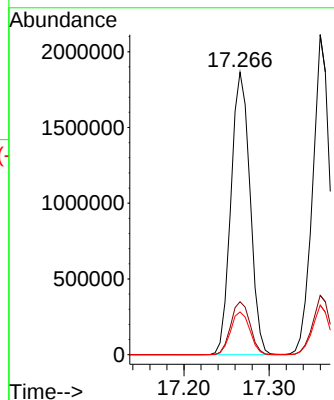
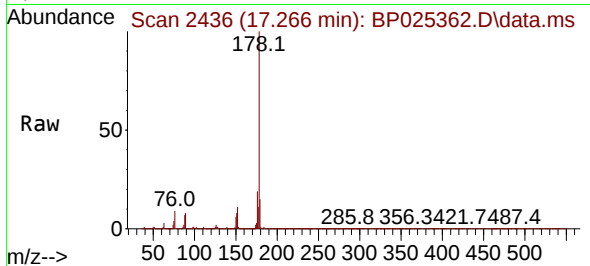




#71  
Phenanthrene  
Concen: 46.406 ng  
RT: 17.266 min Scan# 2436  
Delta R.T. -0.000 min  
Lab File: BP025362.D  
Acq: 12 Aug 2025 11:30

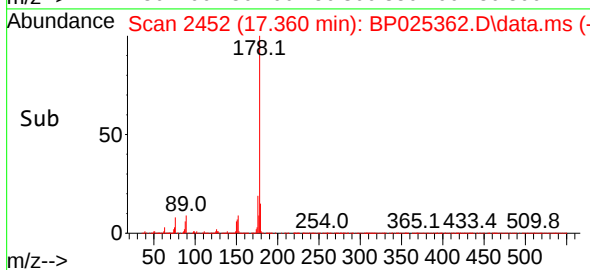
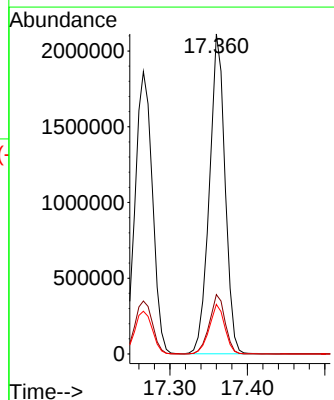
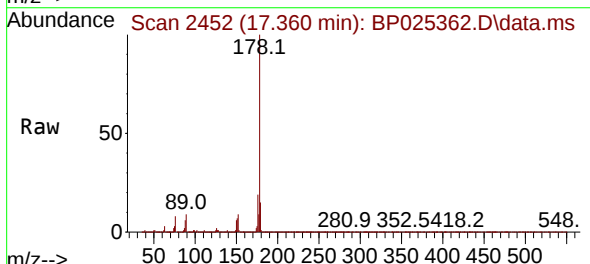
Instrument :  
BNA\_P  
ClientSampleId :  
PB169176BS

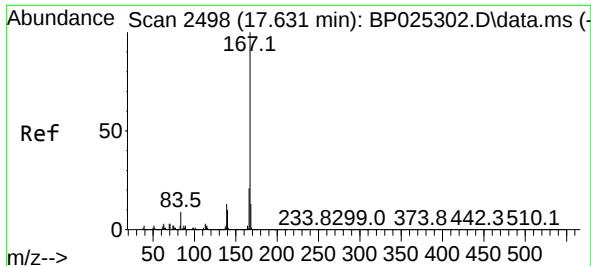
Tgt Ion:178 Resp: 2888692  
Ion Ratio Lower Upper  
178 100  
176 18.8 15.3 22.9  
179 15.2 12.1 18.1



#72  
Anthracene  
Concen: 47.128 ng  
RT: 17.360 min Scan# 2452  
Delta R.T. 0.006 min  
Lab File: BP025362.D  
Acq: 12 Aug 2025 11:30

Tgt Ion:178 Resp: 2957986  
Ion Ratio Lower Upper  
178 100  
176 18.6 14.8 22.2  
179 15.5 12.3 18.5



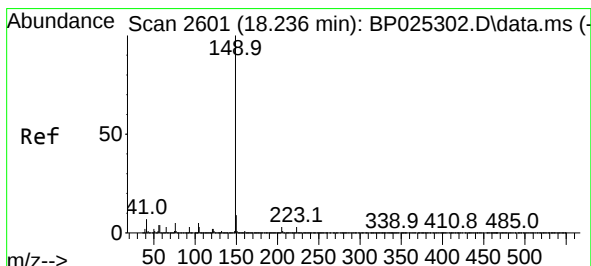
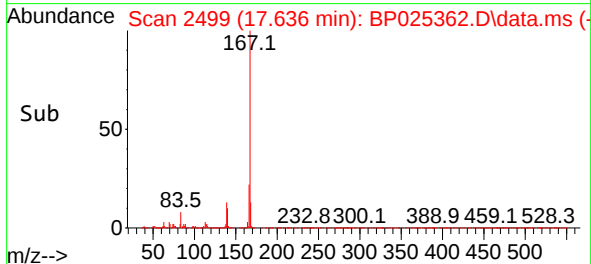
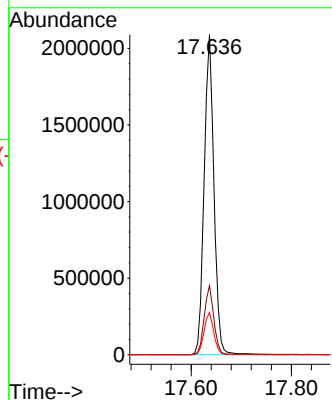
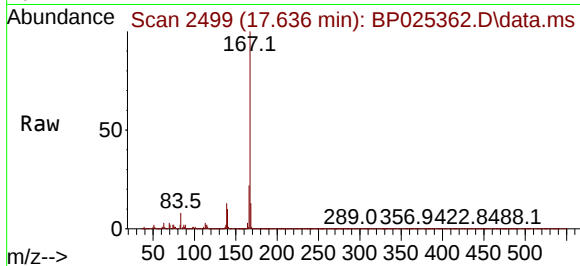


#73  
 Carbazole  
 Concen: 47.102 ng  
 RT: 17.636 min Scan# 2498  
 Delta R.T. 0.005 min  
 Lab File: BP025362.D  
 Acq: 12 Aug 2025 11:30

Instrument :  
 BNA\_P  
 ClientSampleId :  
 PB169176BS

Tgt Ion:167 Resp: 2837889  

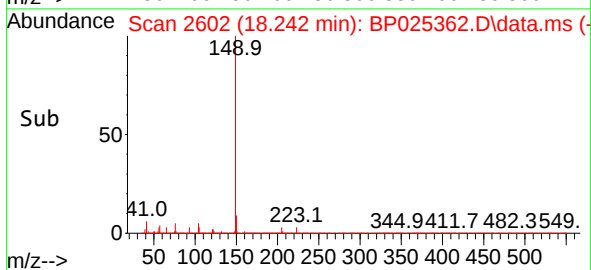
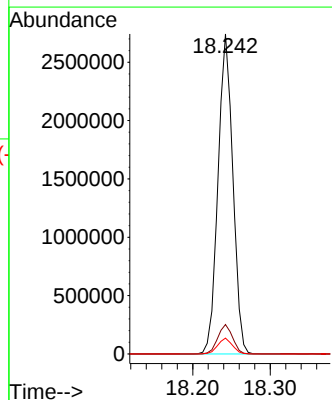
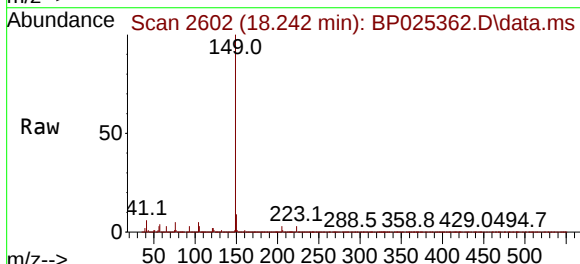
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 167 | 100   |       |       |
| 166 | 21.6  | 17.0  | 25.6  |
| 139 | 13.2  | 10.6  | 16.0  |

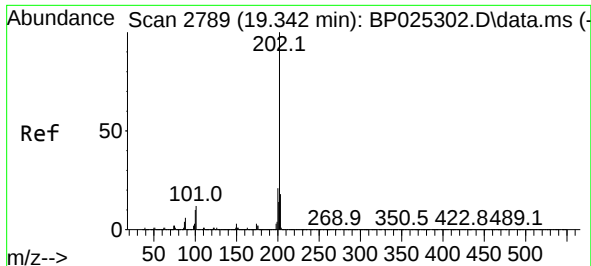


#74  
 Di-n-butylphthalate  
 Concen: 50.000 ng  
 RT: 18.242 min Scan# 2602  
 Delta R.T. 0.006 min  
 Lab File: BP025362.D  
 Acq: 12 Aug 2025 11:30

Tgt Ion:149 Resp: 3644409  

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 149 | 100   |       |       |
| 150 | 9.2   | 7.5   | 11.3  |
| 104 | 4.9   | 4.1   | 6.1   |

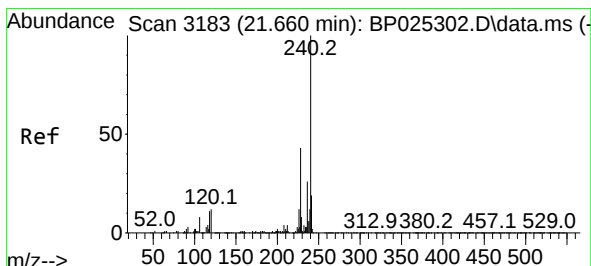
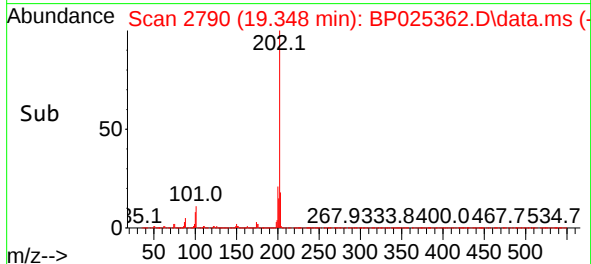
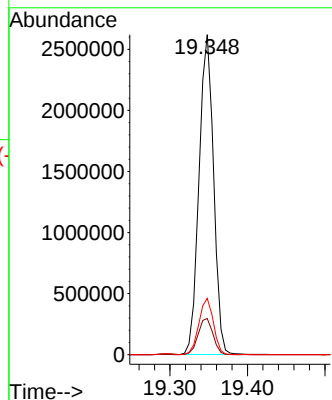
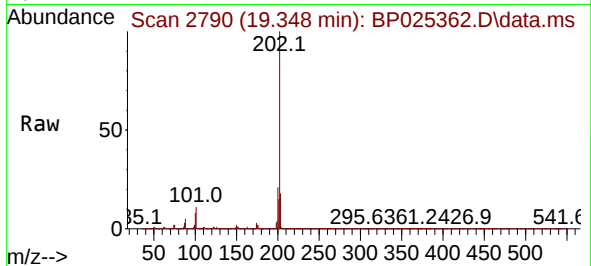




#75  
Fluoranthene  
Concen: 47.339 ng  
RT: 19.348 min Scan# 21  
Delta R.T. 0.006 min  
Lab File: BP025362.D  
Acq: 12 Aug 2025 11:30

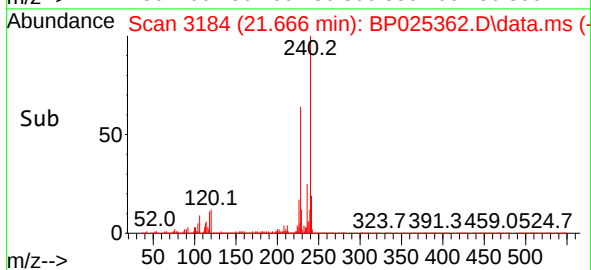
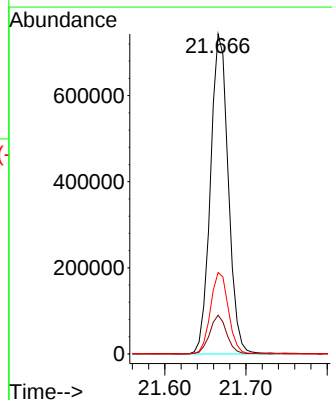
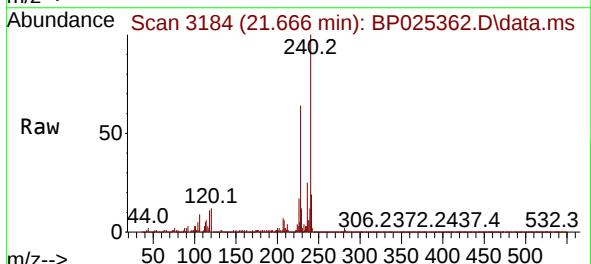
Instrument :  
BNA\_P  
ClientSampleId :  
PB169176BS

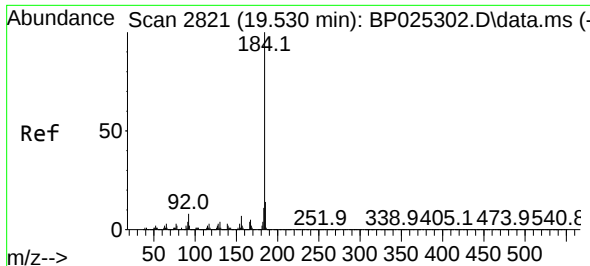
Tgt Ion:202 Resp: 3411266  
Ion Ratio Lower Upper  
202 100  
101 11.3 0.0 32.5  
203 17.6 0.0 37.6



#76  
Chrysene-d12  
Concen: 20.000 ng  
RT: 21.666 min Scan# 3184  
Delta R.T. 0.006 min  
Lab File: BP025362.D  
Acq: 12 Aug 2025 11:30

Tgt Ion:240 Resp: 1132010  
Ion Ratio Lower Upper  
240 100  
120 12.1 9.6 14.4  
236 25.5 20.4 30.6

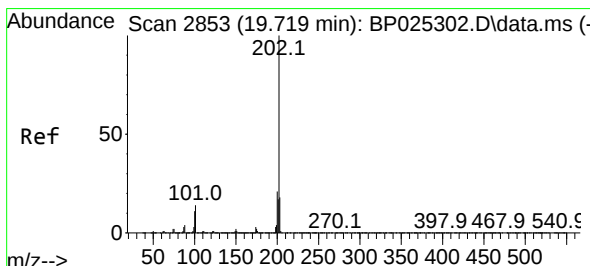
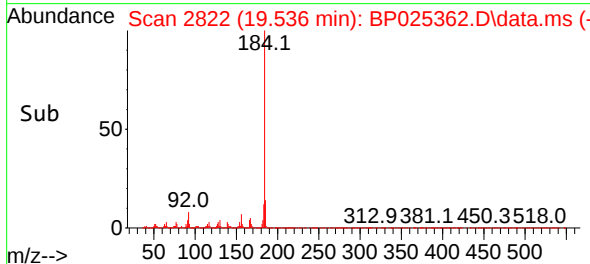
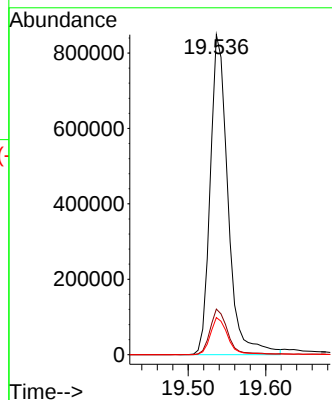
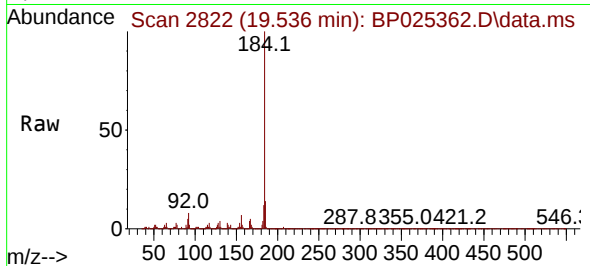




#77  
Benzidine  
Concen: 32.947 ng  
RT: 19.536 min Scan# 2821  
Delta R.T. 0.006 min  
Lab File: BP025362.D  
Acq: 12 Aug 2025 11:30

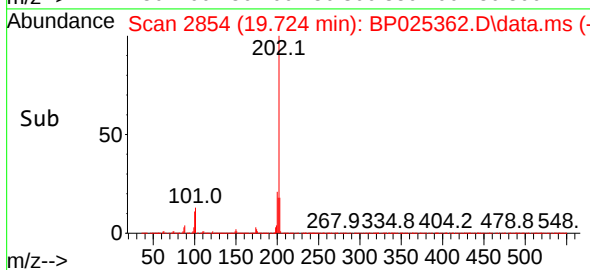
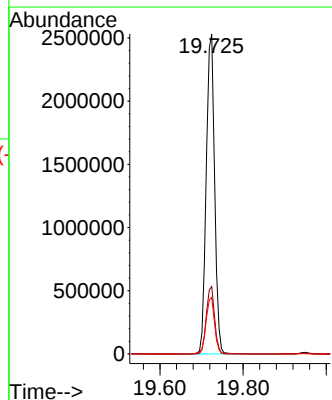
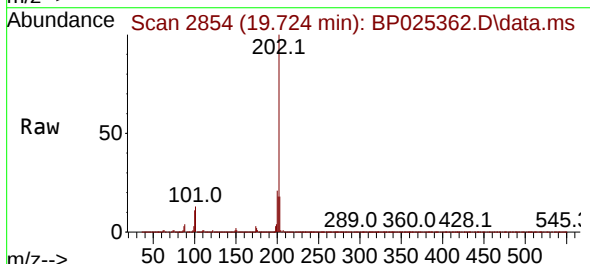
Instrument :  
BNA\_P  
ClientSampleId :  
PB169176BS

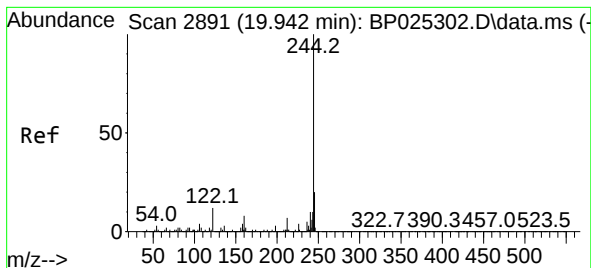
Tgt Ion:184 Resp: 1349937  
Ion Ratio Lower Upper  
184 100  
185 14.2 11.0 16.6  
183 11.6 9.2 13.8



#78  
Pyrene  
Concen: 47.087 ng  
RT: 19.724 min Scan# 2854  
Delta R.T. 0.005 min  
Lab File: BP025362.D  
Acq: 12 Aug 2025 11:30

Tgt Ion:202 Resp: 3544570  
Ion Ratio Lower Upper  
202 100  
200 21.1 16.7 25.1  
203 17.7 14.1 21.1





#79

Terphenyl-d14

Concen: 84.953 ng

RT: 19.948 min Scan# 2891

Delta R.T. 0.006 min

Lab File: BP025362.D

Acq: 12 Aug 2025 11:30

Instrument :

BNA\_P

ClientSampleId :

PB169176BS

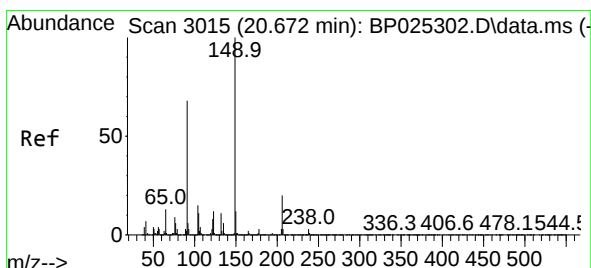
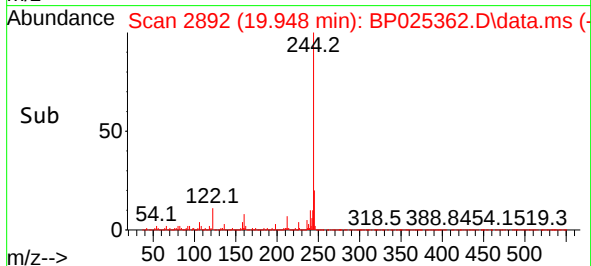
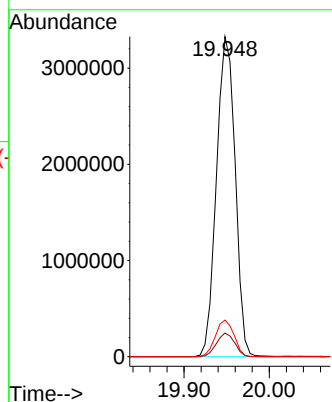
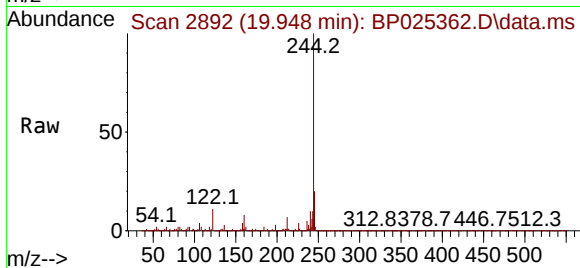
Tgt Ion:244 Resp: 5091486

Ion Ratio Lower Upper

244 100

212 7.4 5.9 8.9

122 11.5 9.5 14.3



#80

Butylbenzylphthalate

Concen: 55.799 ng

RT: 20.677 min Scan# 3016

Delta R.T. 0.005 min

Lab File: BP025362.D

Acq: 12 Aug 2025 11:30

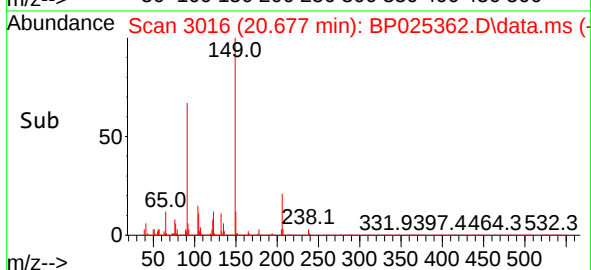
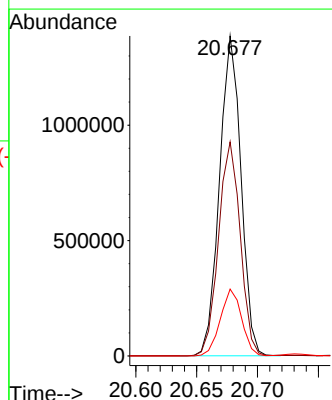
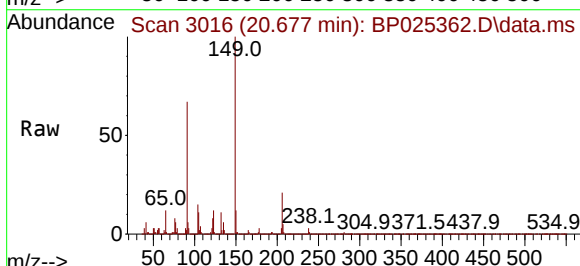
Tgt Ion:149 Resp: 1703505

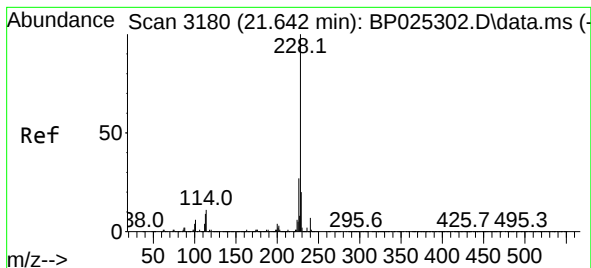
Ion Ratio Lower Upper

149 100

91 66.9 54.7 82.1

206 20.9 16.4 24.6





#81

Benzo(a)anthracene

Concen: 46.366 ng

RT: 21.648 min Scan# 3180

Delta R.T. 0.006 min

Lab File: BP025362.D

Acq: 12 Aug 2025 11:30

Instrument :

BNA\_P

ClientSampleId :

PB169176BS

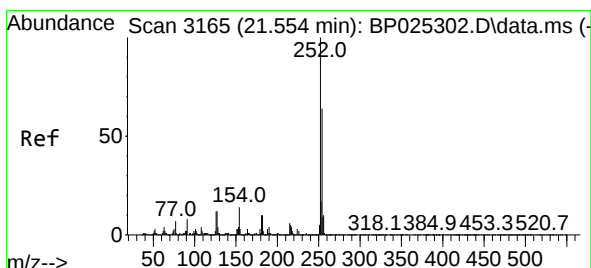
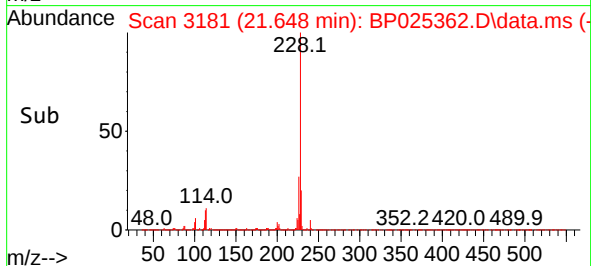
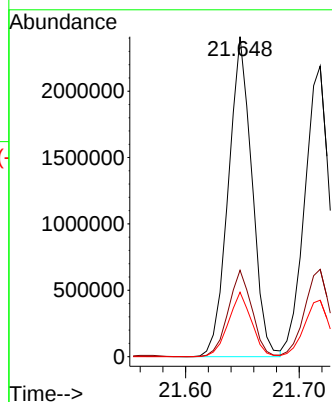
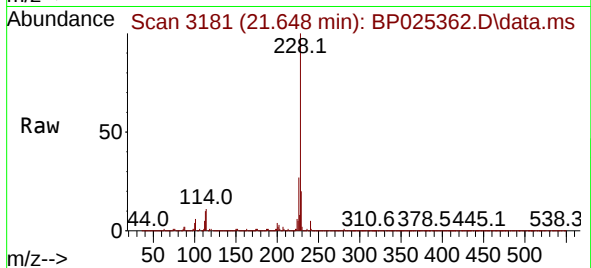
Tgt Ion:228 Resp: 3487864

Ion Ratio Lower Upper

228 100

226 27.0 21.8 32.8

229 20.2 16.0 24.0



#82

3,3'-Dichlorobenzidine

Concen: 37.274 ng

RT: 21.566 min Scan# 3167

Delta R.T. 0.012 min

Lab File: BP025362.D

Acq: 12 Aug 2025 11:30

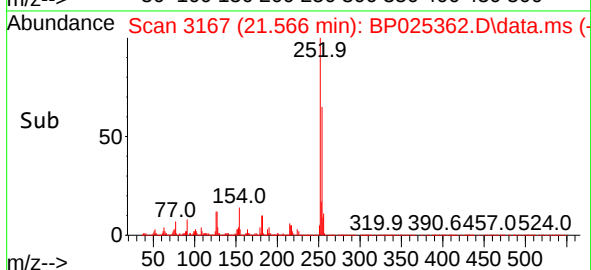
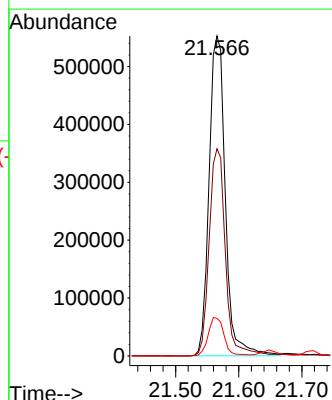
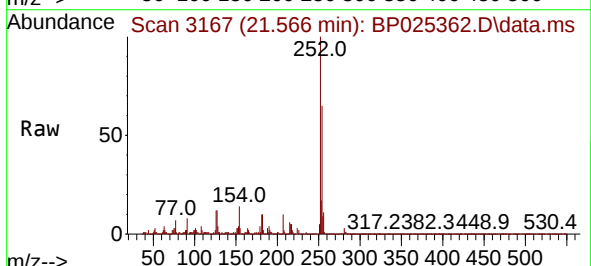
Tgt Ion:252 Resp: 989290

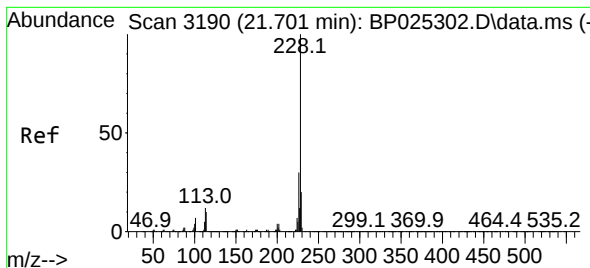
Ion Ratio Lower Upper

252 100

254 64.8 51.0 76.6

126 11.7 9.4 14.2





#83

Chrysene

Concen: 47.618 ng

RT: 21.719 min Scan# 31

Delta R.T. 0.018 min

Lab File: BP025362.D

Acq: 12 Aug 2025 11:30

Instrument :

BNA\_P

ClientSampleId :

PB169176BS

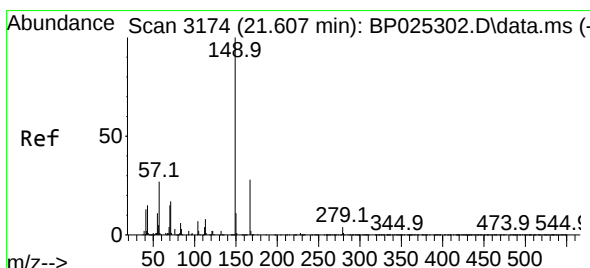
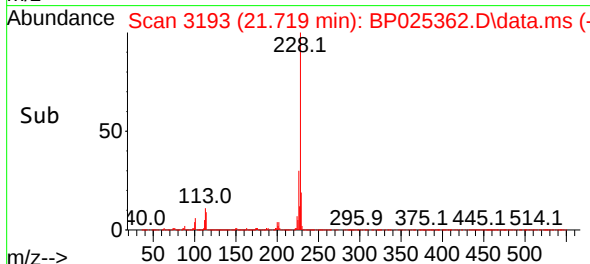
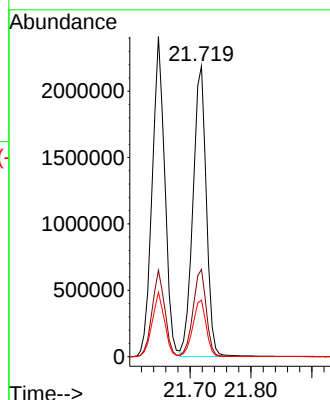
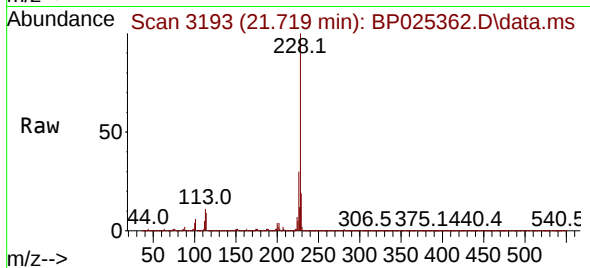
Tgt Ion:228 Resp: 3322383

Ion Ratio Lower Upper

228 100

226 30.1 24.3 36.5

229 19.4 15.9 23.9



#84

Bis(2-ethylhexyl)phthalate

Concen: 50.682 ng

RT: 21.601 min Scan# 3173

Delta R.T. -0.006 min

Lab File: BP025362.D

Acq: 12 Aug 2025 11:30

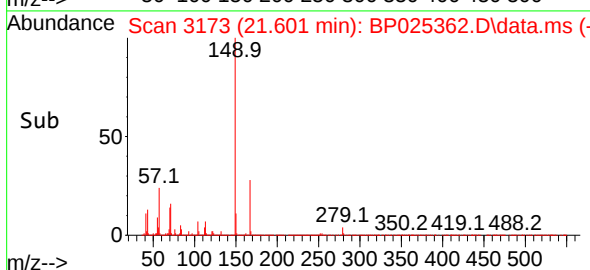
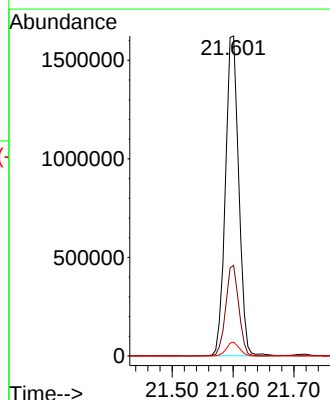
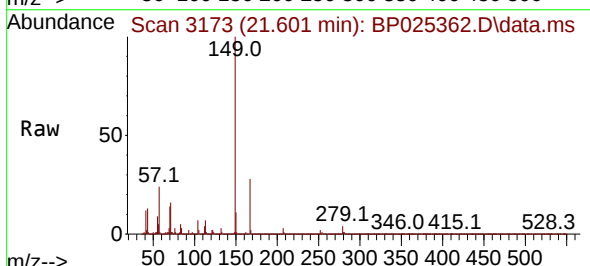
Tgt Ion:149 Resp: 2470691

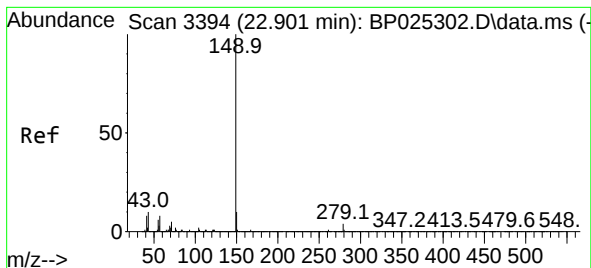
Ion Ratio Lower Upper

149 100

167 28.3 22.1 33.1

279 4.4 3.4 5.2





#85

Di-n-octyl phthalate

Concen: 50.519 ng

RT: 22.901 min Scan# 31

Delta R.T. -0.000 min

Lab File: BP025362.D

Acq: 12 Aug 2025 11:30

Instrument :

BNA\_P

ClientSampleId :

PB169176BS

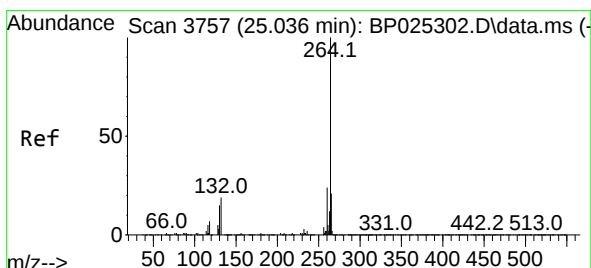
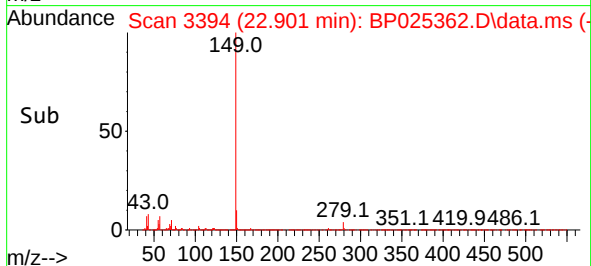
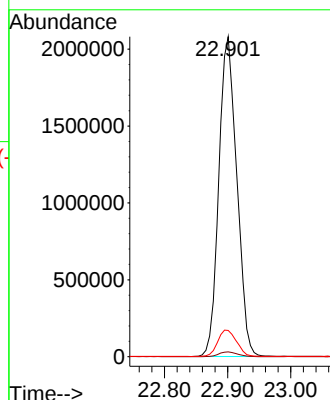
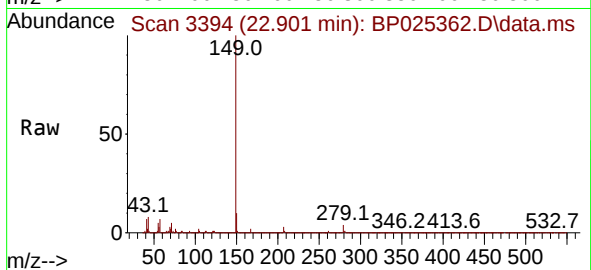
Tgt Ion:149 Resp: 4122164

Ion Ratio Lower Upper

149 100

167 1.5 1.3 1.9

43 8.6 7.9 11.9



#86

Perylene-d12

Concen: 20.000 ng

RT: 25.054 min Scan# 3760

Delta R.T. 0.018 min

Lab File: BP025362.D

Acq: 12 Aug 2025 11:30

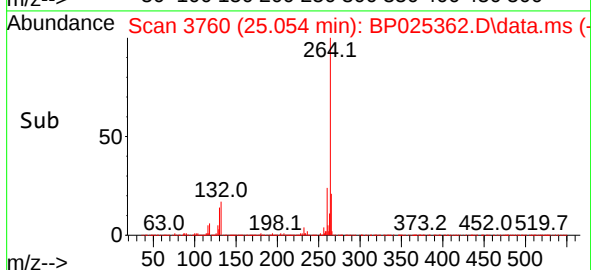
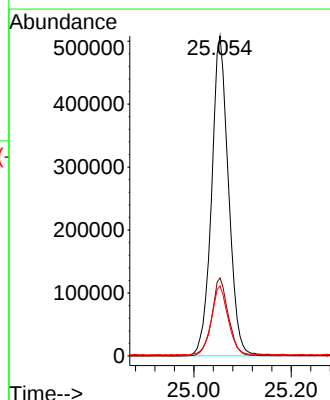
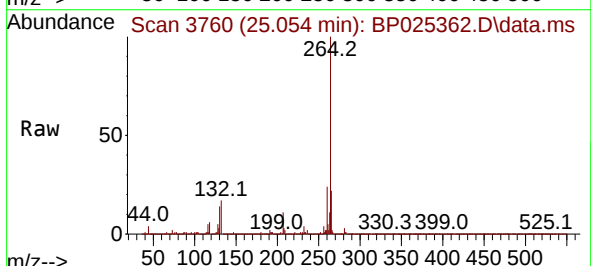
Tgt Ion:264 Resp: 1223220

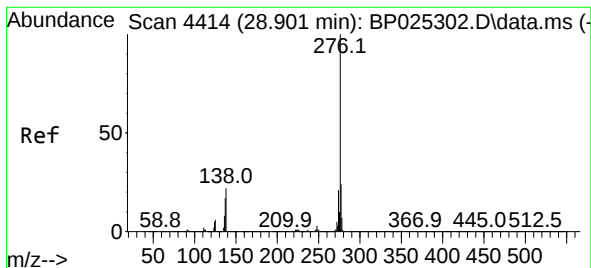
Ion Ratio Lower Upper

264 100

260 24.4 19.2 28.8

265 21.8 17.1 25.7





#87

Indeno(1,2,3-cd)pyrene

Concen: 41.348 ng

RT: 28.918 min Scan# 4414

Delta R.T. 0.017 min

Lab File: BP025362.D

Acq: 12 Aug 2025 11:30

Instrument :

BNA\_P

ClientSampleId :

PB169176BS

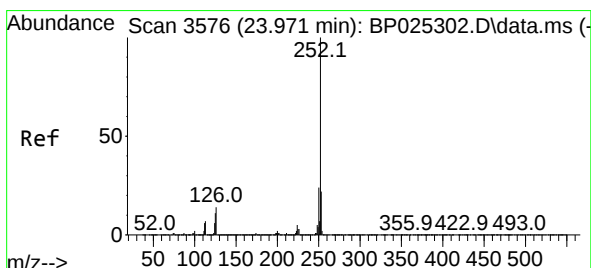
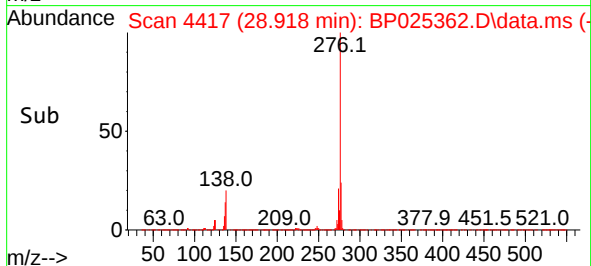
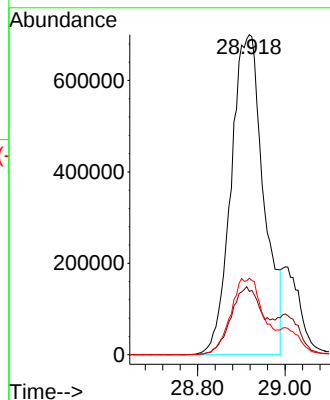
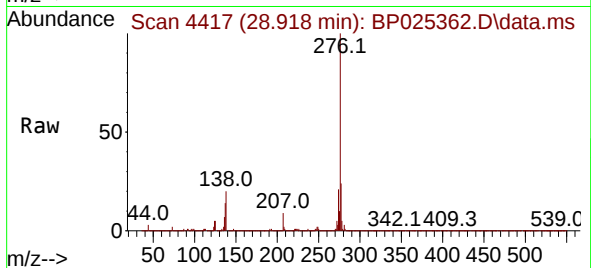
Tgt Ion:276 Resp: 3625243

Ion Ratio Lower Upper

276 100

138 21.8 14.6 22.0

277 24.6 16.8 25.2



#88

Benzo(b)fluoranthene

Concen: 47.540 ng

RT: 23.989 min Scan# 3579

Delta R.T. 0.018 min

Lab File: BP025362.D

Acq: 12 Aug 2025 11:30

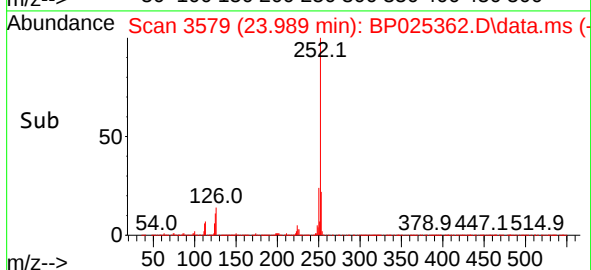
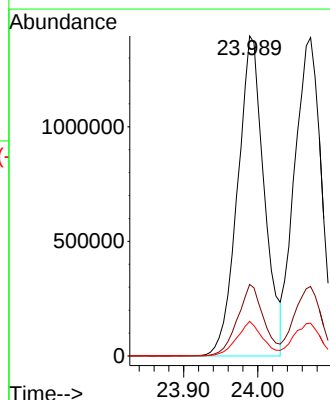
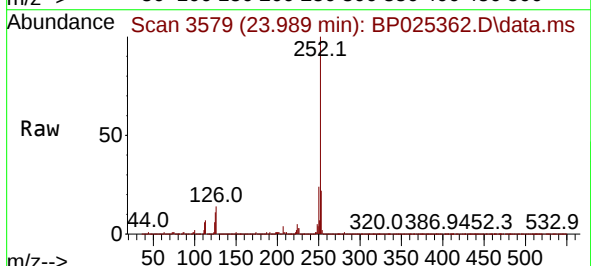
Tgt Ion:252 Resp: 3481057

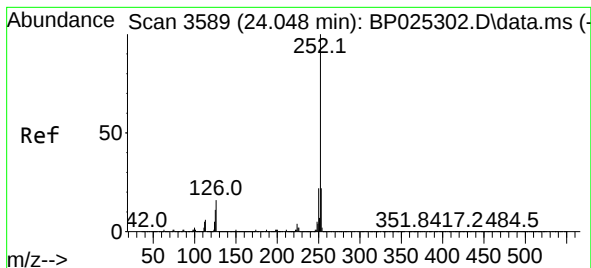
Ion Ratio Lower Upper

252 100

253 22.3 17.5 26.3

125 10.8 8.5 12.7





#89

Benzo(k)fluoranthene

Concen: 47.216 ng

RT: 24.071 min Scan# 31

Delta R.T. 0.023 min

Lab File: BP025362.D

Acq: 12 Aug 2025 11:30

Instrument :

BNA\_P

ClientSampleId :

PB169176BS

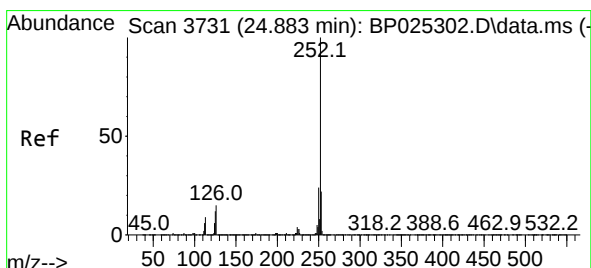
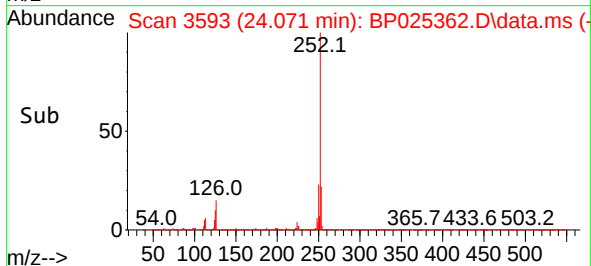
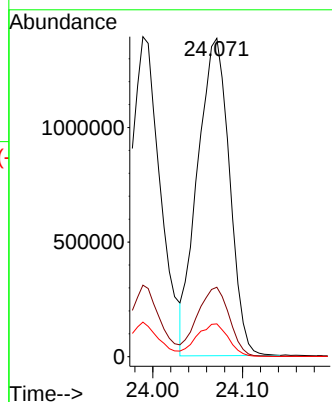
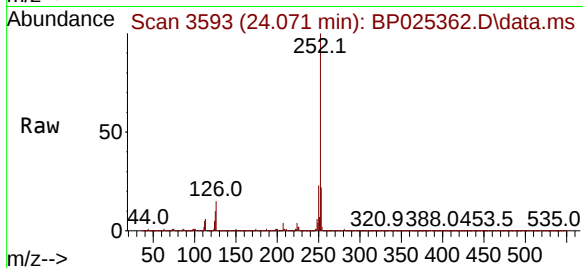
Tgt Ion:252 Resp: 3427390

Ion Ratio Lower Upper

252 100

253 21.8 17.6 26.4

125 10.3 8.5 12.7



#90

Benzo(a)pyrene

Concen: 47.576 ng

RT: 24.907 min Scan# 3735

Delta R.T. 0.024 min

Lab File: BP025362.D

Acq: 12 Aug 2025 11:30

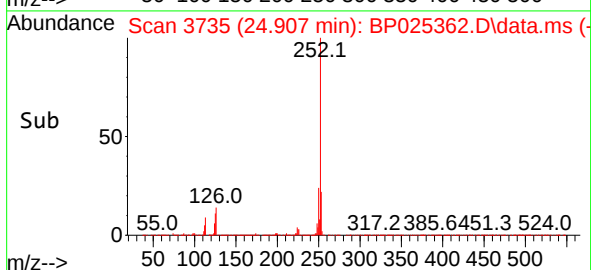
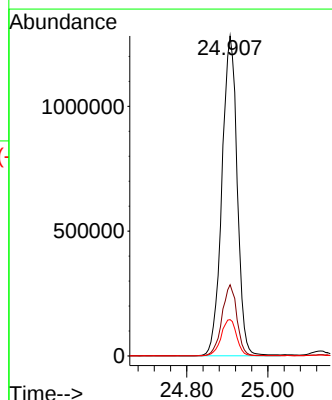
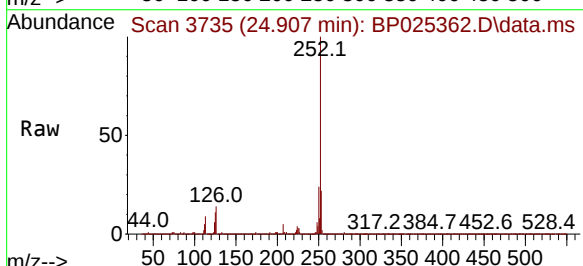
Tgt Ion:252 Resp: 3354897

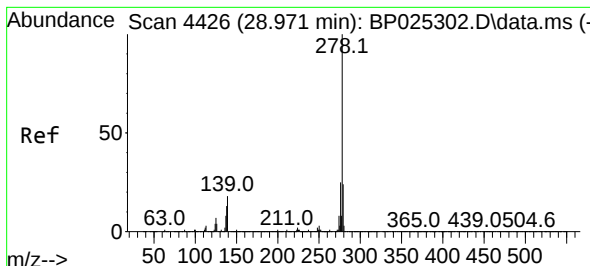
Ion Ratio Lower Upper

252 100

253 22.2 17.6 26.4

125 11.3 9.4 14.0





#91

Dibenzo(a,h)anthracene

Concen: 47.876 ng

RT: 29.006 min Scan# 4426

Delta R.T. 0.035 min

Lab File: BP025362.D

Acq: 12 Aug 2025 11:30

Instrument :

BNA\_P

ClientSampleId :

PB169176BS

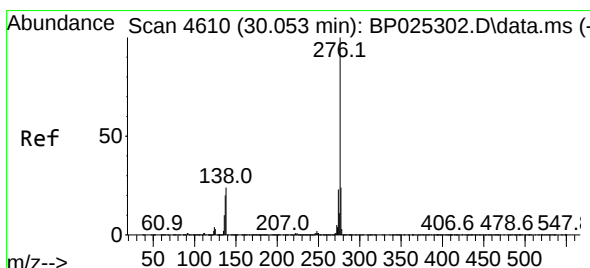
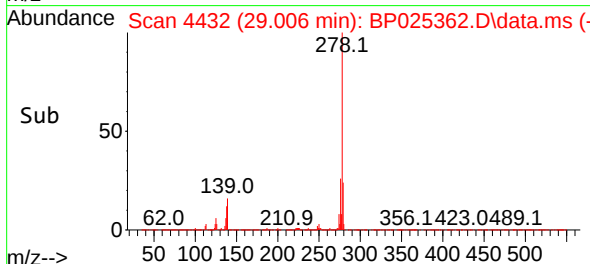
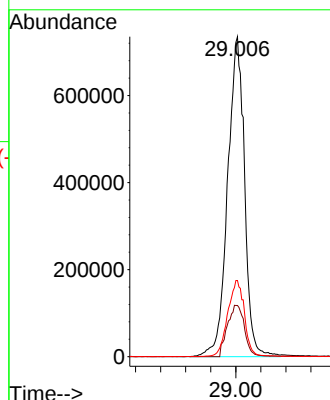
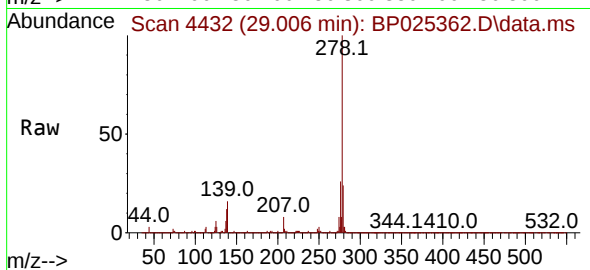
Tgt Ion:278 Resp: 3437751

Ion Ratio Lower Upper

278 100

139 16.0 14.6 22.0

279 23.8 19.0 28.4



#92

Benzo(g,h,i)perylene

Concen: 47.388 ng

RT: 30.106 min Scan# 4619

Delta R.T. 0.053 min

Lab File: BP025362.D

Acq: 12 Aug 2025 11:30

Tgt Ion:276 Resp: 3339547

Ion Ratio Lower Upper

276 100

277 23.8 19.3 28.9

138 23.4 19.1 28.7

