

Data Path : Z:\svoasrv\HPCHEM1\BNA\_P\Data\BP081225\  
 Data File : BP025364.D  
 Acq On : 12 Aug 2025 12:54  
 Operator : CG/JU  
 Sample : PB169180BS  
 Misc :  
 ALS Vial : 6 Sample Multiplier: 1

Instrument :  
 BNA\_P  
 ClientSampleId :  
 PB169180BS

Quant Time: Aug 12 13:34:01 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     | 7.801  | 152  | 220840   | 20.000  | ng    | 0.00     |
| 21) Naphthalene-d8            | 10.578 | 136  | 869704   | 20.000  | ng    | 0.00     |
| 39) Acenaphthene-d10          | 14.430 | 164  | 505729   | 20.000  | ng    | 0.01     |
| 64) Phenanthrene-d10          | 17.224 | 188  | 949767   | 20.000  | ng    | 0.00     |
| 76) Chrysene-d12              | 21.671 | 240  | 975809   | 20.000  | ng    | 0.01     |
| 86) Perylene-d12              | 25.059 | 264  | 1187024  | 20.000  | ng    | 0.02     |
|                               |        |      |          |         |       |          |
| System Monitoring Compounds   |        |      |          |         |       |          |
| 5) 2-Fluorophenol             | 5.413  | 112  | 1776429  | 129.376 | ng    | 0.00     |
| 7) Phenol-d6                  | 6.978  | 99   | 2162045  | 119.644 | ng    | 0.01     |
| 23) Nitrobenzene-d5           | 8.942  | 82   | 1344711  | 85.660  | ng    | 0.00     |
| 42) 2,4,6-Tribromophenol      | 15.936 | 330  | 788751   | 156.336 | ng    | 0.01     |
| 45) 2-Fluorobiphenyl          | 13.042 | 172  | 3128965  | 85.456  | ng    | 0.01     |
| 79) Terphenyl-d14             | 19.948 | 244  | 4155480  | 80.434  | ng    | 0.00     |
|                               |        |      |          |         |       |          |
| Target Compounds              |        |      |          |         |       | Qvalue   |
| 2) 1,4-Dioxane                | 3.337  | 88   | 205719   | 37.966  | ng    | 97       |
| 3) Pyridine                   | 3.725  | 79   | 567965   | 37.728  | ng    | 96       |
| 4) n-Nitrosodimethylamine     | 3.631  | 42   | 268350   | 38.396  | ng    | 90       |
| 6) Aniline                    | 7.131  | 93   | 897612   | 36.184  | ng    | 98       |
| 8) 2-Chlorophenol             | 7.372  | 128  | 704417   | 46.869  | ng    | 97       |
| 9) Benzaldehyde               | 6.943  | 77   | 343667   | 26.777  | ng    | 97       |
| 10) Phenol                    | 7.001  | 94   | 817527   | 42.283  | ng    | 98       |
| 11) bis(2-Chloroethyl)ether   | 7.219  | 93   | 634282   | 41.868  | ng    | 98       |
| 12) 1,3-Dichlorobenzene       | 7.695  | 146  | 747314   | 44.252  | ng    | 99       |
| 13) 1,4-Dichlorobenzene       | 7.837  | 146  | 762548   | 44.631  | ng    | 98       |
| 14) 1,2-Dichlorobenzene       | 8.148  | 146  | 732005   | 44.227  | ng    | 98       |
| 15) Benzyl Alcohol            | 8.031  | 79   | 570249   | 40.710  | ng    | 98       |
| 16) 2,2'-oxybis(1-Chloropr... | 8.319  | 45   | 877417   | 36.663  | ng    | 97       |
| 17) 2-Methylphenol            | 8.231  | 107  | 554819   | 42.885  | ng    | 98       |
| 18) Hexachloroethane          | 8.872  | 117  | 279747   | 45.784  | ng    | 99       |
| 19) n-Nitroso-di-n-propyla... | 8.589  | 70   | 463209   | 39.014  | ng    | 96       |
| 20) 3+4-Methylphenols         | 8.554  | 107  | 745255   | 41.833  | ng    | 99       |
| 22) Acetophenone              | 8.607  | 105  | 961828   | 44.054  | ng    | # 97     |
| 24) Nitrobenzene              | 8.984  | 77   | 691190   | 46.513  | ng    | 97       |
| 25) Isophorone                | 9.507  | 82   | 1321666  | 42.295  | ng    | 99       |
| 26) 2-Nitrophenol             | 9.689  | 139  | 354210   | 54.210  | ng    | 96       |
| 27) 2,4-Dimethylphenol        | 9.748  | 122  | 628234   | 43.607  | ng    | 96       |
| 28) bis(2-Chloroethoxy)met... | 9.984  | 93   | 828355   | 43.576  | ng    | 98       |
| 29) 2,4-Dichlorophenol        | 10.225 | 162  | 609708   | 48.340  | ng    | 98       |
| 30) 1,2,4-Trichlorobenzene    | 10.436 | 180  | 654455   | 47.032  | ng    | 100      |
| 31) Naphthalene               | 10.625 | 128  | 2048114  | 45.364  | ng    | 100      |
| 32) Benzoic acid              | 9.884  | 122  | 456006   | 53.159  | ng    | 94       |
| 33) 4-Chloroaniline           | 10.719 | 127  | 582847   | 29.026  | ng    | 99       |
| 34) Hexachlorobutadiene       | 10.913 | 225  | 393747   | 49.294  | ng    | 99       |
| 35) Caprolactam               | 11.501 | 113  | 208745   | 42.662  | ng    | 90       |
| 36) 4-Chloro-3-methylphenol   | 11.848 | 107  | 655298   | 44.901  | ng    | 100      |
| 37) 2-Methylnaphthalene       | 12.236 | 142  | 1295489  | 44.332  | ng    | 99       |
| 38) 1-Methylnaphthalene       | 12.448 | 142  | 1339118  | 43.918  | ng    | 99       |
| 40) 1,2,4,5-Tetrachloroben... | 12.607 | 216  | 693061   | 50.196  | ng    | 99       |
| 41) Hexachlorocyclopentadiene | 12.595 | 237  | 933594   | 109.556 | ng    | 99       |
| 43) 2,4,6-Trichlorophenol     | 12.836 | 196  | 482515   | 54.098  | ng    | 99       |

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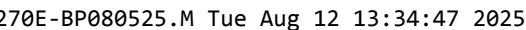
Instrument :  
 BNA\_P  
 ClientSampleId :  
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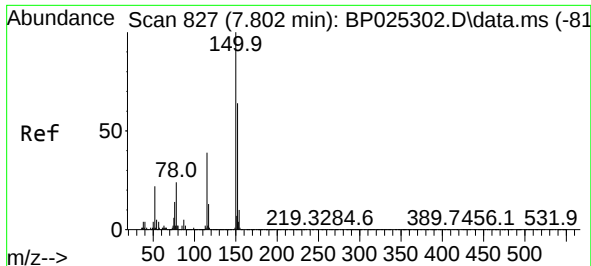
Quant Time: Aug 12 13:34:01 2025  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_P\Methods\8270E-BP080525.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Wed Aug 06 06:41:44 2025  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc    | Units | Dev(Min) |
|-------------------------------|--------|------|----------|---------|-------|----------|
| 44) 2,4,5-Trichlorophenol     | 12.913 | 196  | 525502   | 52.521  | ng    | 99       |
| 46) 1,1'-Biphenyl             | 13.254 | 154  | 1809157  | 48.542  | ng    | 98       |
| 47) 2-Chloronaphthalene       | 13.295 | 162  | 1382843  | 48.633  | ng    | 99       |
| 48) 2-Nitroaniline            | 13.483 | 65   | 399641   | 47.982  | ng    | 91       |
| 49) Acenaphthylene            | 14.142 | 152  | 2249554  | 47.430  | ng    | 99       |
| 50) Dimethylphthalate         | 13.872 | 163  | 1705266  | 46.254  | ng    | 99       |
| 51) 2,6-Dinitrotoluene        | 13.989 | 165  | 371618   | 54.648  | ng    | 92       |
| 52) Acenaphthene              | 14.489 | 154  | 1318115  | 45.562  | ng    | 100      |
| 53) 3-Nitroaniline            | 14.319 | 138  | 332018   | 41.725  | ng #  | 92       |
| 54) 2,4-Dinitrophenol         | 14.524 | 184  | 406086   | 95.583  | ng #  | 49       |
| 55) Dibenzofuran              | 14.830 | 168  | 2017038  | 46.655  | ng    | 100      |
| 56) 4-Nitrophenol             | 14.636 | 139  | 671899   | 95.675  | ng    | 96       |
| 57) 2,4-Dinitrotoluene        | 14.783 | 165  | 514895   | 48.787  | ng    | 99       |
| 58) Fluorene                  | 15.489 | 166  | 1591049  | 46.857  | ng    | 99       |
| 59) 2,3,4,6-Tetrachlorophenol | 15.060 | 232  | 436130   | 52.182  | ng    | 98       |
| 60) Diethylphthalate          | 15.260 | 149  | 1711712  | 46.053  | ng    | 99       |
| 61) 4-Chlorophenyl-phenyle... | 15.489 | 204  | 765696   | 47.566  | ng    | 100      |
| 62) 4-Nitroaniline            | 15.501 | 138  | 397431   | 50.407  | ng    | 96       |
| 63) Azobenzene                | 15.783 | 77   | 1553737  | 44.998  | ng    | 98       |
| 65) 4,6-Dinitro-2-methylph... | 15.560 | 198  | 281469   | 60.852  | ng    | 95       |
| 66) n-Nitrosodiphenylamine    | 15.701 | 169  | 1437032  | 49.692  | ng    | 99       |
| 67) 4-Bromophenyl-phenylether | 16.395 | 248  | 483741   | 50.620  | ng    | 97       |
| 68) Hexachlorobenzene         | 16.519 | 284  | 540187   | 50.378  | ng    | 100      |
| 69) Atrazine                  | 16.677 | 200  | 503317   | 49.491  | ng    | 98       |
| 70) Pentachlorophenol         | 16.871 | 266  | 731365   | 107.057 | ng    | 99       |
| 71) Phenanthrene              | 17.266 | 178  | 2492763  | 47.919  | ng    | 100      |
| 72) Anthracene                | 17.360 | 178  | 2542052  | 48.465  | ng    | 100      |
| 73) Carbazole                 | 17.636 | 167  | 2388003  | 47.429  | ng    | 99       |
| 74) Di-n-butylphthalate       | 18.242 | 149  | 2912732  | 47.819  | ng    | 100      |
| 75) Fluoranthene              | 19.342 | 202  | 2779037  | 46.148  | ng    | 100      |
| 77) Benzidine                 | 19.542 | 184  | 1535351  | 43.471  | ng    | 100      |
| 78) Pyrene                    | 19.724 | 202  | 2972439  | 45.808  | ng    | 99       |
| 80) Butylbenzylphthalate      | 20.677 | 149  | 1427772  | 54.253  | ng    | 97       |
| 81) Benzo(a)anthracene        | 21.648 | 228  | 3054869  | 47.110  | ng    | 100      |
| 82) 3,3'-Dichlorobenzidine    | 21.565 | 252  | 991014   | 43.316  | ng    | 99       |
| 83) Chrysene                  | 21.718 | 228  | 2900036  | 48.218  | ng    | 99       |
| 84) Bis(2-ethylhexyl)phtha... | 21.606 | 149  | 2195038  | 52.236  | ng    | 99       |
| 85) Di-n-octyl phthalate      | 22.906 | 149  | 4054035  | 57.637  | ng    | 96       |
| 87) Indeno(1,2,3-cd)pyrene    | 28.930 | 276  | 4159070  | 48.884  | ng    | 100      |
| 88) Benzo(b)fluoranthene      | 24.000 | 252  | 3305010  | 46.512  | ng    | 100      |
| 89) Benzo(k)fluoranthene      | 24.077 | 252  | 3398773  | 48.250  | ng    | 100      |
| 90) Benzo(a)pyrene            | 24.918 | 252  | 3264966  | 47.713  | ng    | 100      |
| 91) Dibenzo(a,h)anthracene    | 29.012 | 278  | 3405001  | 48.866  | ng    | 98       |
| 92) Benzo(g,h,i)perylene      | 30.130 | 276  | 3316590  | 48.498  | ng    | 97       |

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

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QLast Update : Wed Aug 06 06:41:44 2025  
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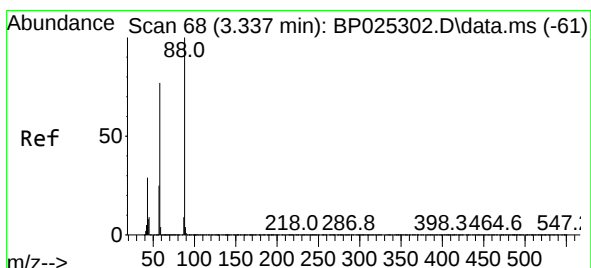
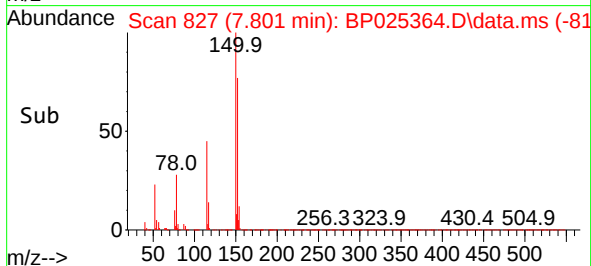
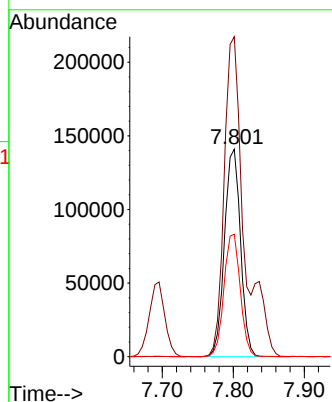
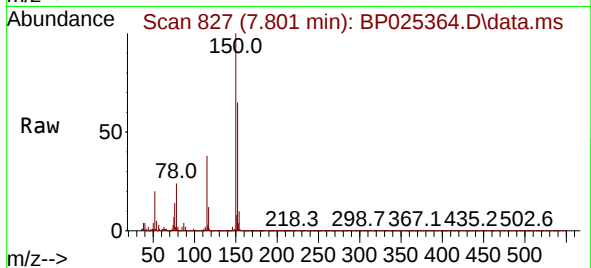




#1  
 1,4-Dichlorobenzene-d4  
 Concen: 20.000 ng  
 RT: 7.801 min Scan# 81  
 Delta R.T. -0.001 min  
 Lab File: BP025364.D  
 Acq: 12 Aug 2025 12:54

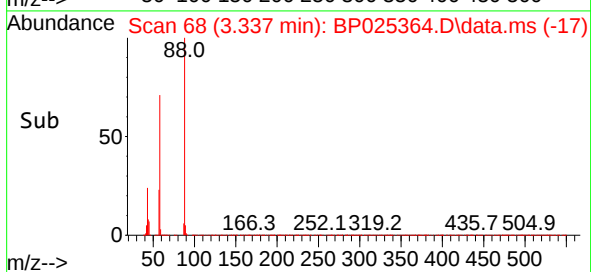
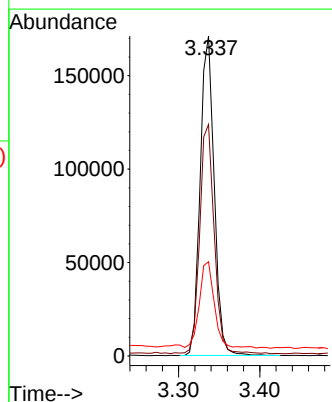
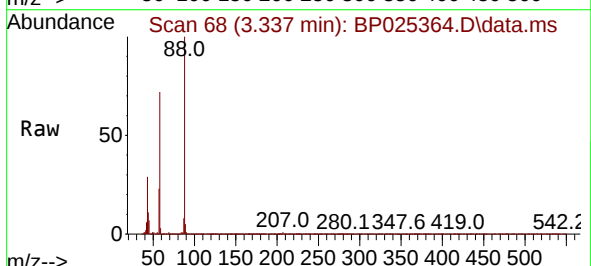
Instrument :  
 BNA\_P  
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 PB169180BS

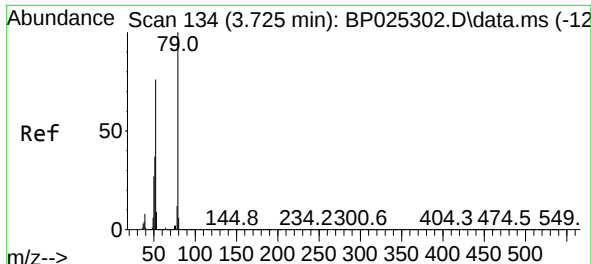
Tgt Ion:152 Resp: 220840  
 Ion Ratio Lower Upper  
 152 100  
 150 154.2 125.1 187.7  
 115 59.0 48.4 72.6



#2  
 1,4-Dioxane  
 Concen: 37.966 ng  
 RT: 3.337 min Scan# 68  
 Delta R.T. -0.000 min  
 Lab File: BP025364.D  
 Acq: 12 Aug 2025 12:54

Tgt Ion: 88 Resp: 205719  
 Ion Ratio Lower Upper  
 88 100  
 58 74.2 61.9 92.9  
 43 29.3 24.2 36.2

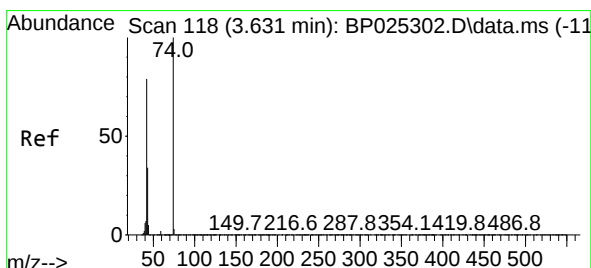
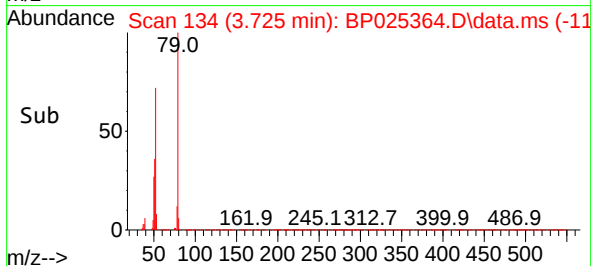
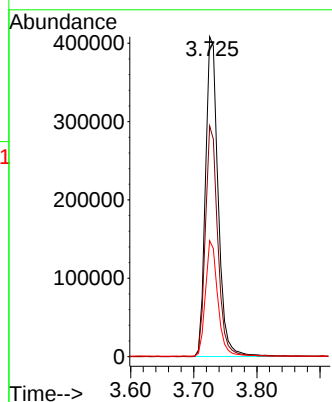
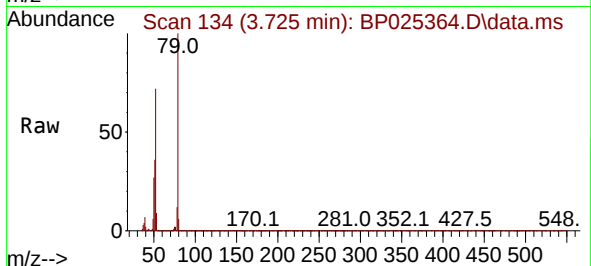




#3  
Pyridine  
Concen: 37.728 ng  
RT: 3.725 min Scan# 118  
Delta R.T. 0.000 min  
Lab File: BP025364.D  
Acq: 12 Aug 2025 12:54

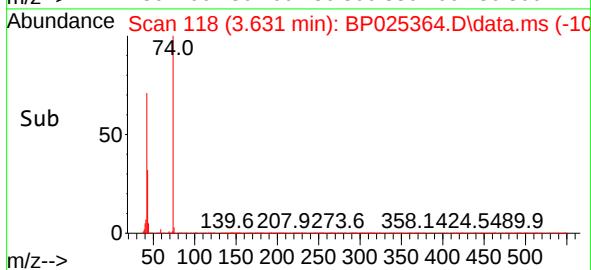
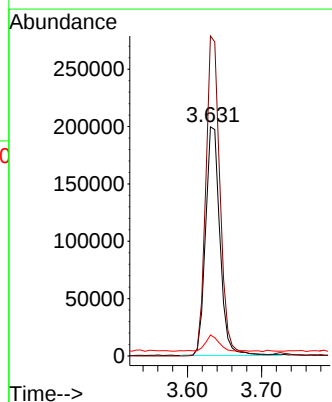
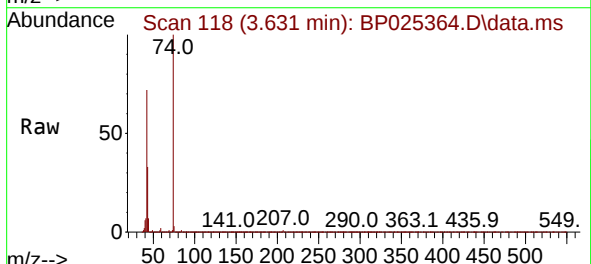
Instrument :  
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ClientSampleId :  
PB169180BS

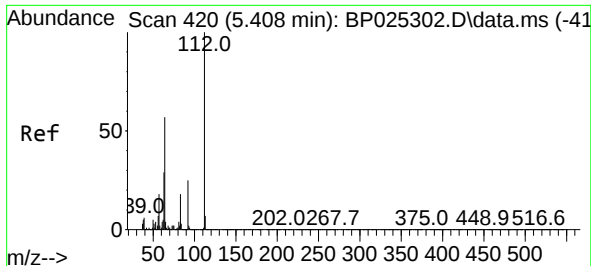
Tgt Ion: 79 Resp: 567965  
Ion Ratio Lower Upper  
79 100  
52 72.1 60.5 90.7  
51 36.3 30.2 45.2



#4  
n-Nitrosodimethylamine  
Concen: 38.396 ng  
RT: 3.631 min Scan# 118  
Delta R.T. -0.000 min  
Lab File: BP025364.D  
Acq: 12 Aug 2025 12:54

Tgt Ion: 42 Resp: 268350  
Ion Ratio Lower Upper  
42 100  
74 139.7 101.4 152.2  
44 9.1 7.6 11.4

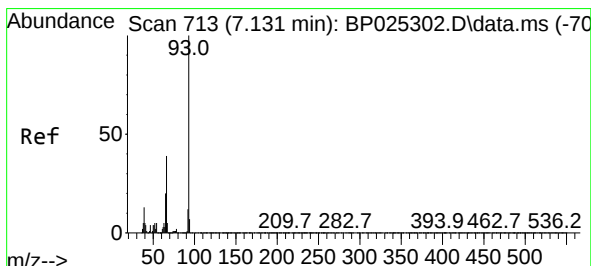
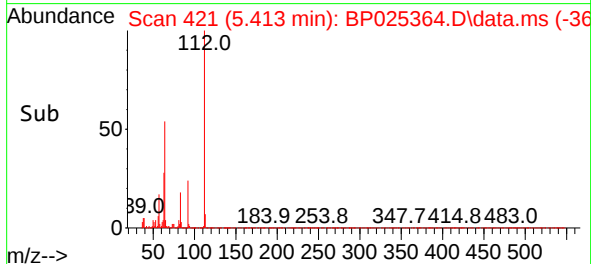
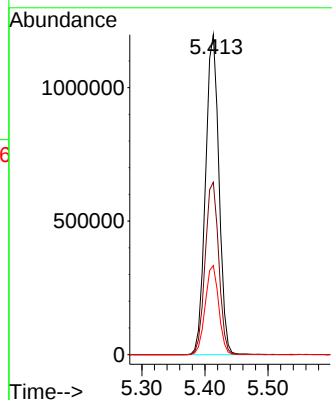
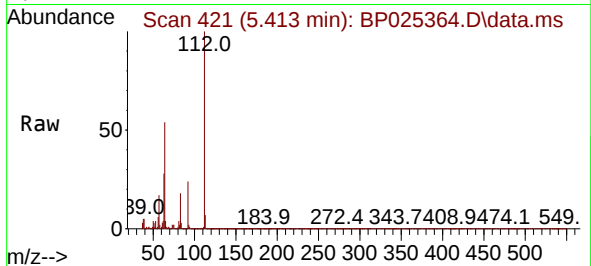




#5  
2-Fluorophenol  
Concen: 129.376 ng  
RT: 5.413 min Scan# 421  
Delta R.T. 0.005 min  
Lab File: BP025364.D  
Acq: 12 Aug 2025 12:54

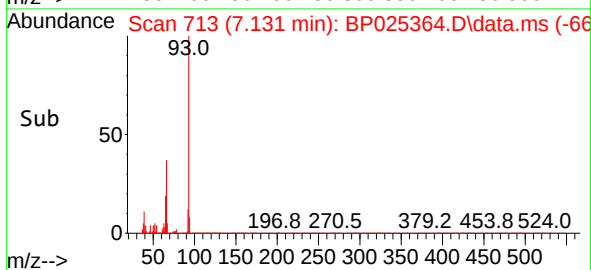
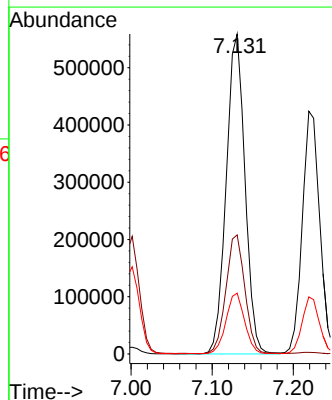
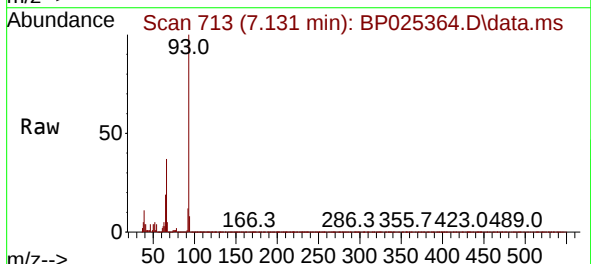
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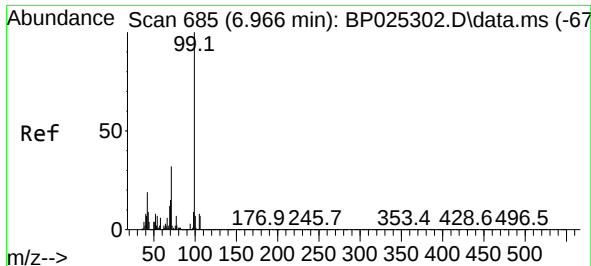
Tgt Ion:112 Resp: 1776429  
Ion Ratio Lower Upper  
112 100  
64 53.9 45.3 67.9  
63 27.9 23.0 34.6



#6  
Aniline  
Concen: 36.184 ng  
RT: 7.131 min Scan# 713  
Delta R.T. -0.000 min  
Lab File: BP025364.D  
Acq: 12 Aug 2025 12:54

Tgt Ion: 93 Resp: 897612  
Ion Ratio Lower Upper  
93 100  
66 37.2 31.1 46.7  
65 19.0 15.8 23.8

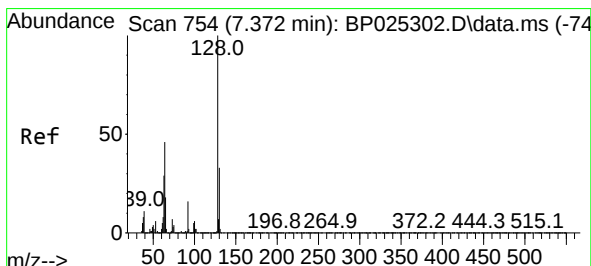
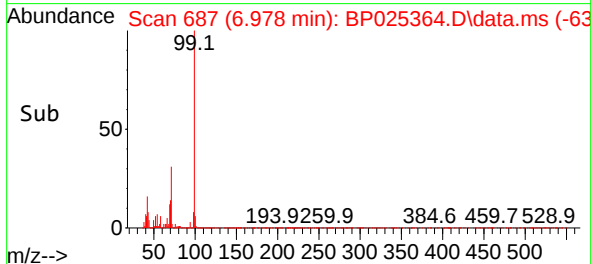
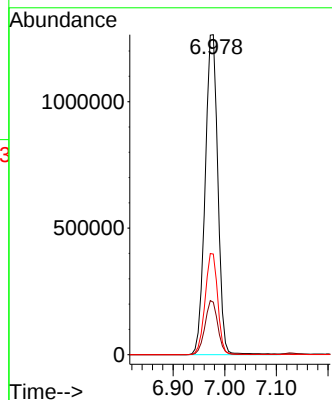
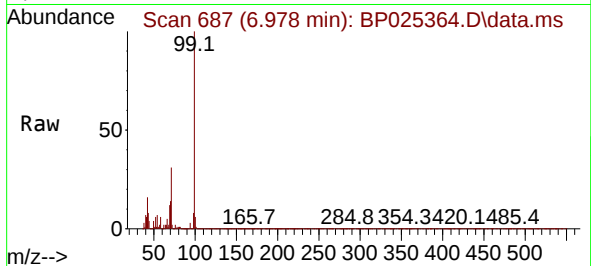




#7  
Phenol-d6  
Concen: 119.644 ng  
RT: 6.978 min Scan# 687  
Delta R.T. 0.012 min  
Lab File: BP025364.D  
Acq: 12 Aug 2025 12:54

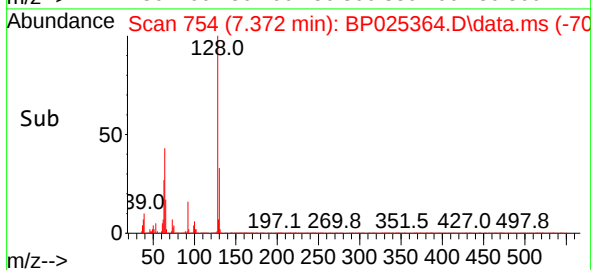
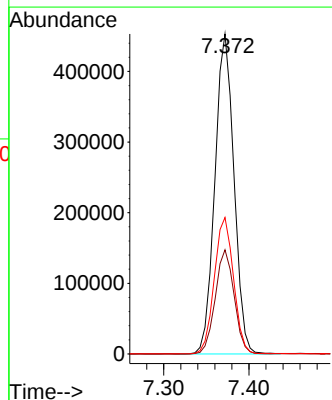
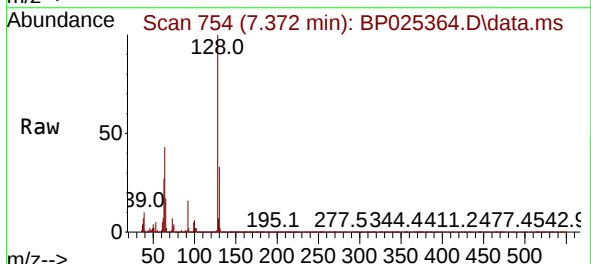
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BNA\_P  
ClientSampleId :  
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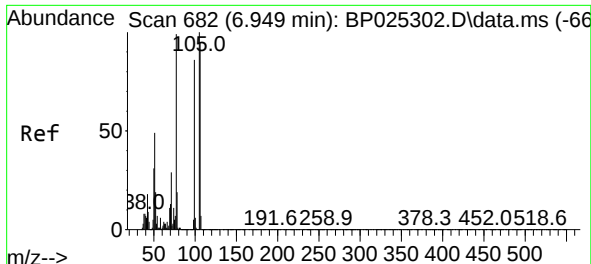
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Ion Ratio Lower Upper  
99 100  
42 16.4 15.0 22.6  
71 31.4 25.5 38.3



#8  
2-Chlorophenol  
Concen: 46.869 ng  
RT: 7.372 min Scan# 754  
Delta R.T. -0.000 min  
Lab File: BP025364.D  
Acq: 12 Aug 2025 12:54

Tgt Ion:128 Resp: 704417  
Ion Ratio Lower Upper  
128 100  
130 32.6 13.1 53.1  
64 42.7 26.1 66.1

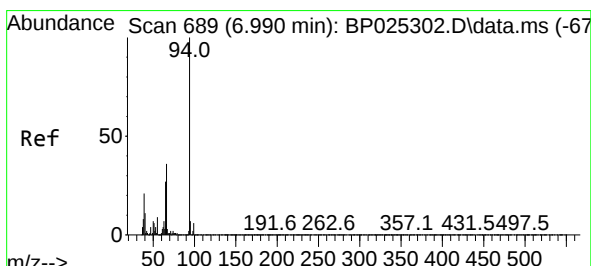
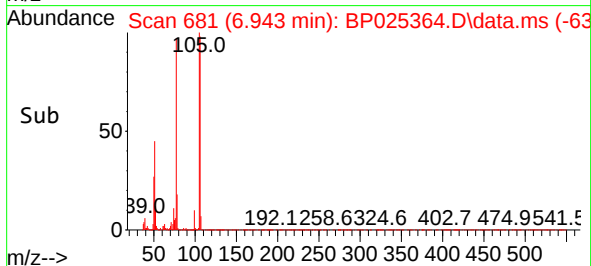
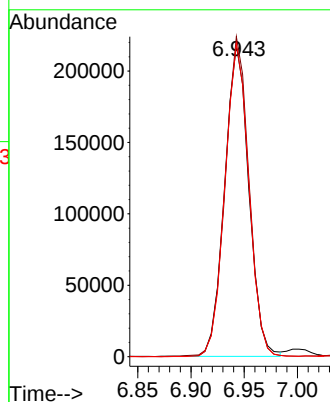
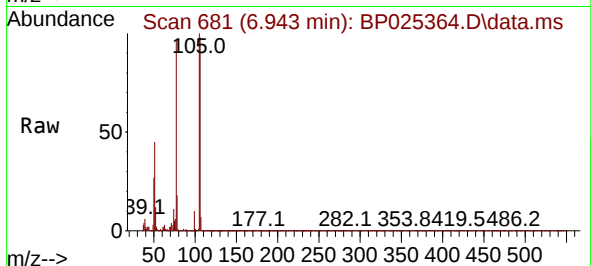




#9  
Benzaldehyde  
Concen: 26.777 ng  
RT: 6.943 min Scan# 61  
Delta R.T. -0.006 min  
Lab File: BP025364.D  
Acq: 12 Aug 2025 12:54

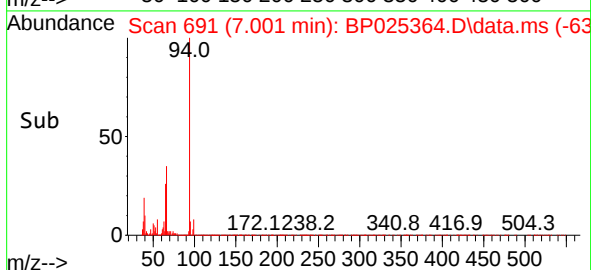
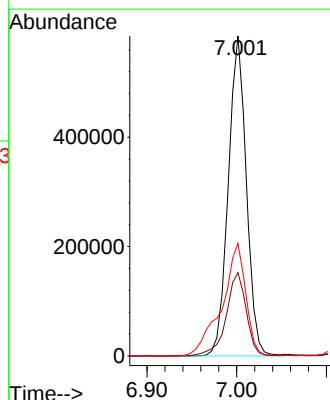
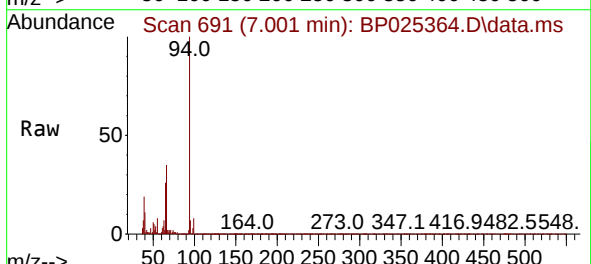
Instrument :  
BNA\_P  
ClientSampleId :  
PB169180BS

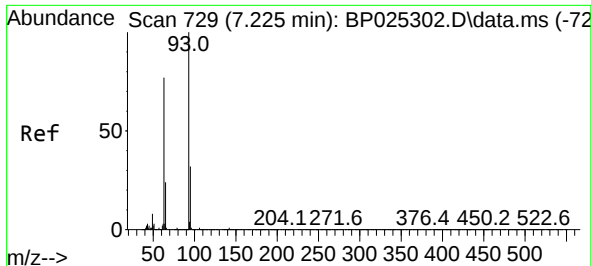
Tgt Ion: 77 Resp: 343667  
Ion Ratio Lower Upper  
77 100  
105 102.8 81.4 121.4  
106 100.5 76.2 116.2



#10  
Phenol  
Concen: 42.283 ng  
RT: 7.001 min Scan# 691  
Delta R.T. 0.011 min  
Lab File: BP025364.D  
Acq: 12 Aug 2025 12:54

Tgt Ion: 94 Resp: 817527  
Ion Ratio Lower Upper  
94 100  
65 26.1 7.3 47.3  
66 35.1 15.7 55.7

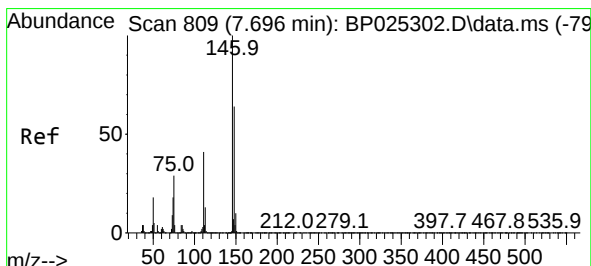
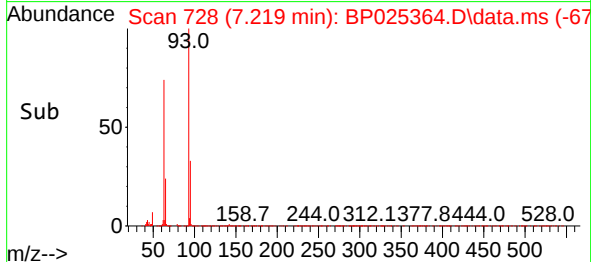
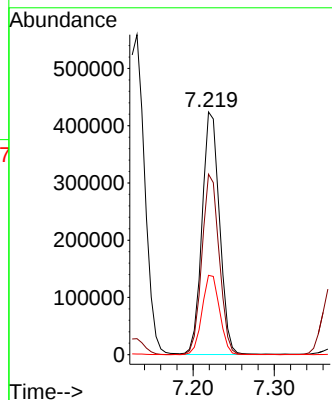
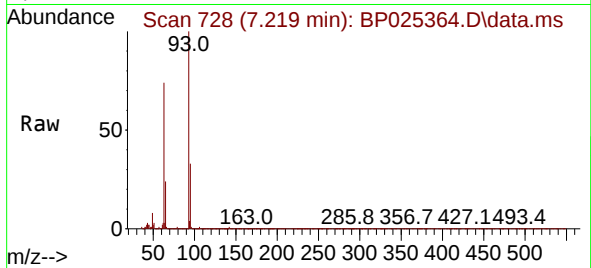




#11  
bis(2-Chloroethyl)ether  
Concen: 41.868 ng  
RT: 7.219 min Scan# 729  
Delta R.T. -0.006 min  
Lab File: BP025364.D  
Acq: 12 Aug 2025 12:54

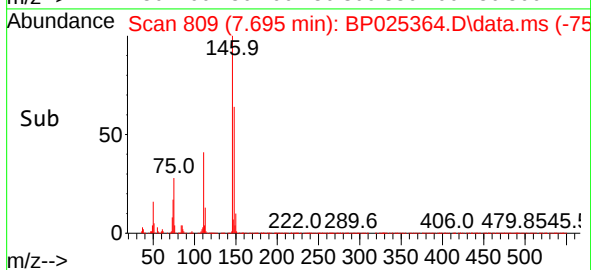
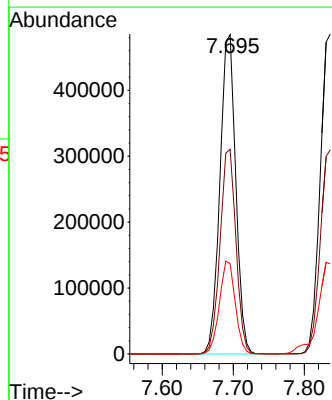
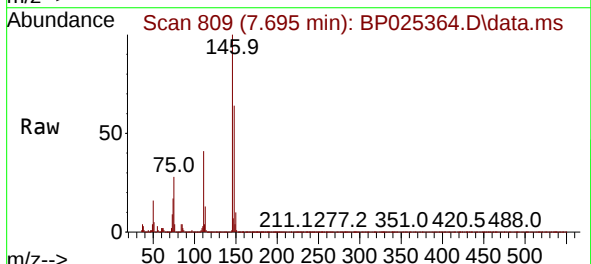
Instrument :  
BNA\_P  
ClientSampleId :  
PB169180BS

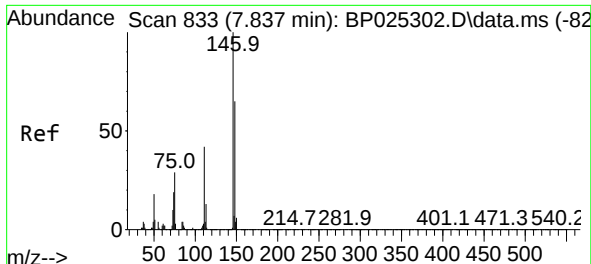
Tgt Ion: 93 Resp: 634282  
Ion Ratio Lower Upper  
93 100  
63 74.4 57.0 97.0  
95 32.7 12.1 52.1



#12  
1,3-Dichlorobenzene  
Concen: 44.252 ng  
RT: 7.695 min Scan# 809  
Delta R.T. -0.001 min  
Lab File: BP025364.D  
Acq: 12 Aug 2025 12:54

Tgt Ion: 146 Resp: 747314  
Ion Ratio Lower Upper  
146 100  
148 64.1 51.1 76.7  
75 28.3 23.2 34.8

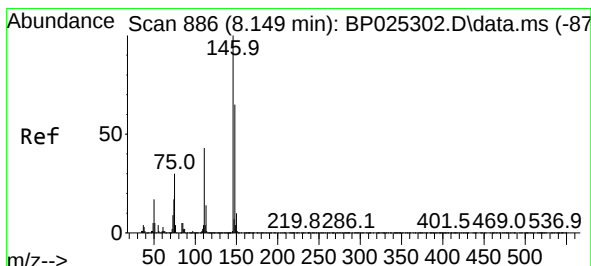
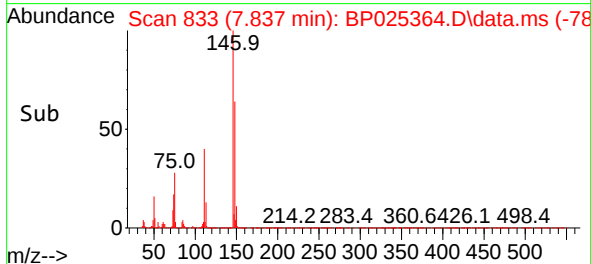
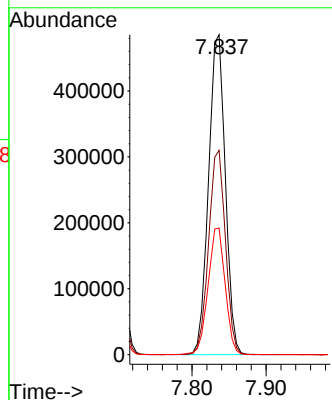
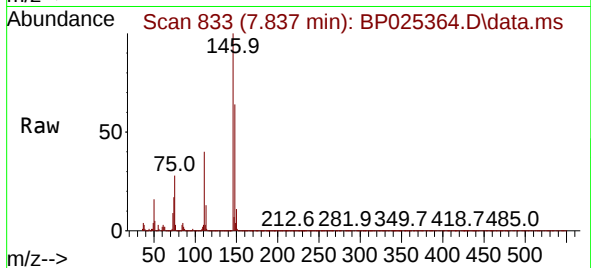




#13  
1,4-Dichlorobenzene  
Concen: 44.631 ng  
RT: 7.837 min Scan# 81  
Delta R.T. -0.000 min  
Lab File: BP025364.D  
Acq: 12 Aug 2025 12:54

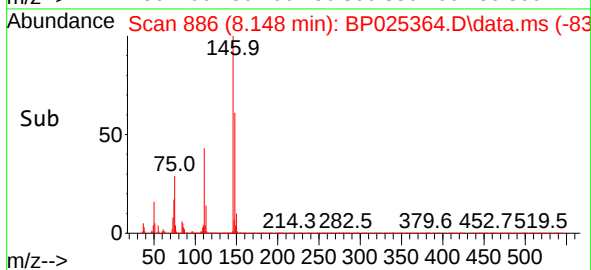
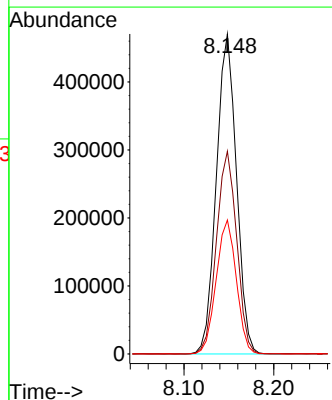
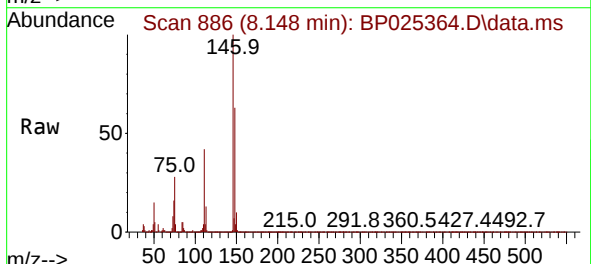
Instrument :  
BNA\_P  
ClientSampleId :  
PB169180BS

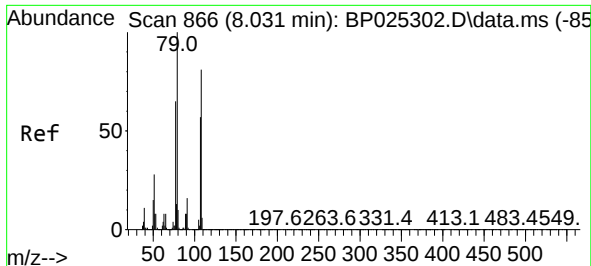
Tgt Ion:146 Resp: 762548  
Ion Ratio Lower Upper  
146 100  
148 63.8 52.0 78.0  
111 39.5 33.2 49.8



#14  
1,2-Dichlorobenzene  
Concen: 44.227 ng  
RT: 8.148 min Scan# 886  
Delta R.T. -0.001 min  
Lab File: BP025364.D  
Acq: 12 Aug 2025 12:54

Tgt Ion:146 Resp: 732005  
Ion Ratio Lower Upper  
146 100  
148 63.3 51.9 77.9  
111 41.8 34.4 51.6

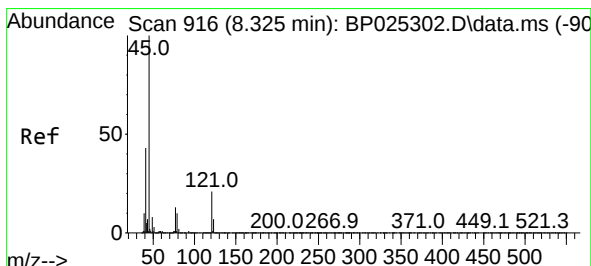
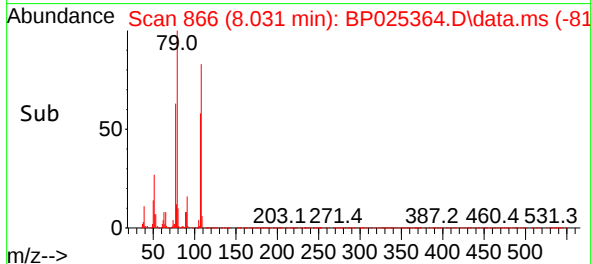
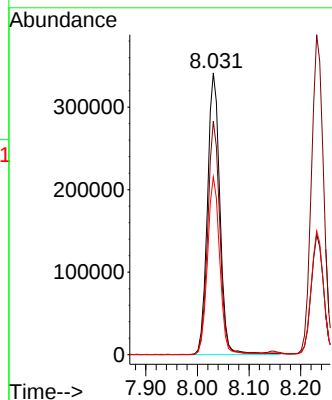
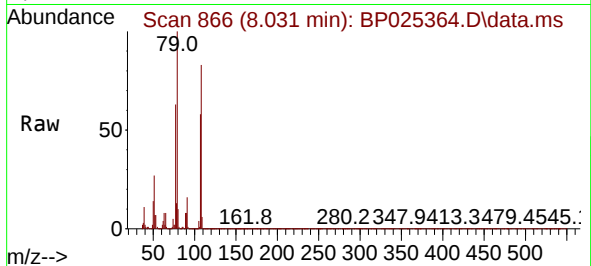




#15  
Benzyl Alcohol  
Concen: 40.710 ng  
RT: 8.031 min Scan# 80  
Delta R.T. -0.000 min  
Lab File: BP025364.D  
Acq: 12 Aug 2025 12:54

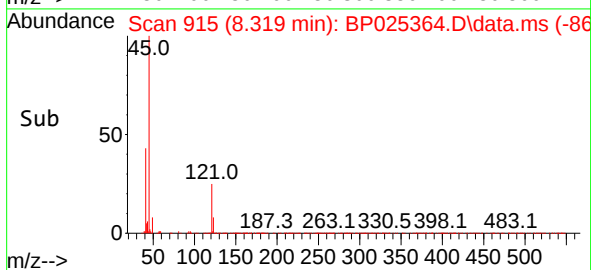
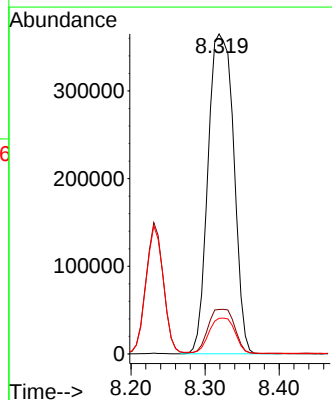
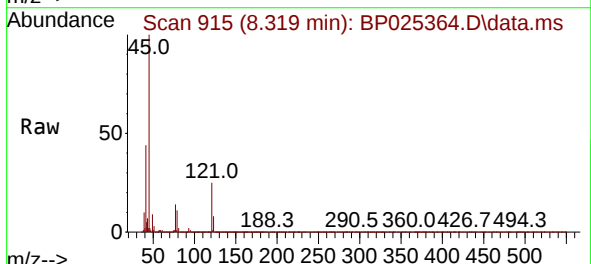
Instrument :  
BNA\_P  
ClientSampleId :  
PB169180BS

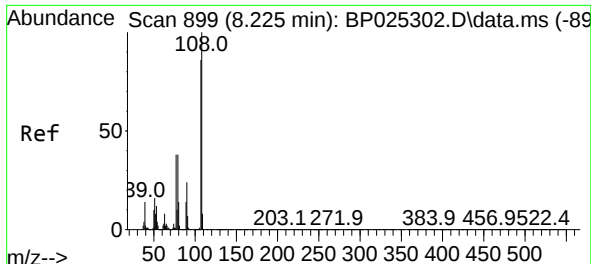
Tgt Ion: 79 Resp: 570249  
Ion Ratio Lower Upper  
79 100  
108 82.9 64.5 96.7  
77 63.1 51.9 77.9



#16  
2,2'-oxybis(1-Chloropropane)  
Concen: 36.663 ng  
RT: 8.319 min Scan# 915  
Delta R.T. -0.006 min  
Lab File: BP025364.D  
Acq: 12 Aug 2025 12:54

Tgt Ion: 45 Resp: 877417  
Ion Ratio Lower Upper  
45 100  
77 13.9 0.0 33.0  
79 11.2 0.0 29.8

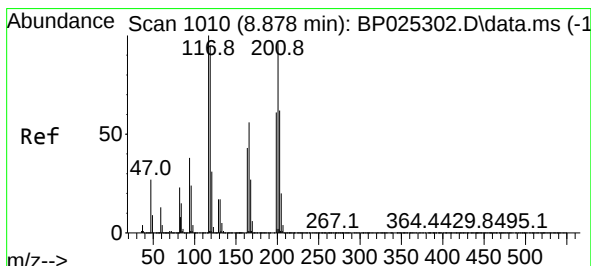
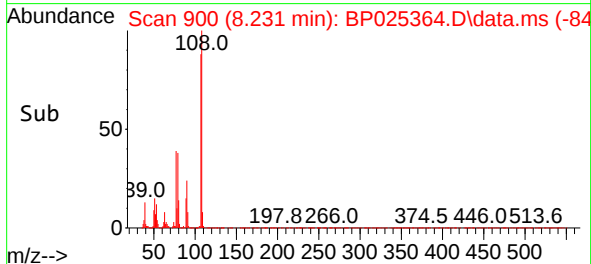
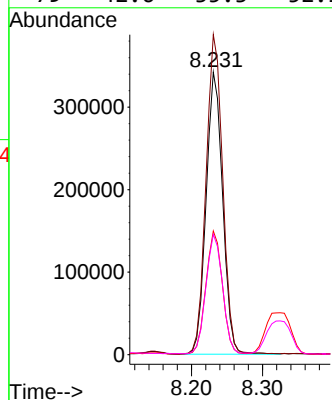
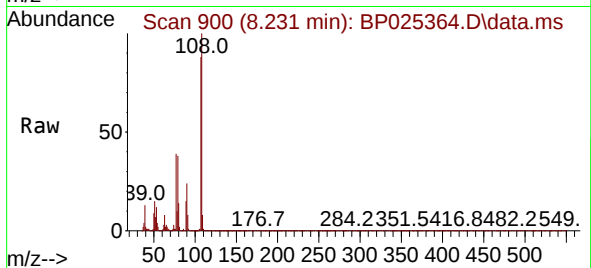




#17  
2-Methylphenol  
Concen: 42.885 ng  
RT: 8.231 min Scan# 90  
Delta R.T. 0.006 min  
Lab File: BP025364.D  
Acq: 12 Aug 2025 12:54

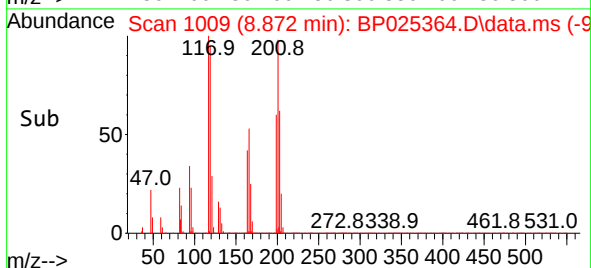
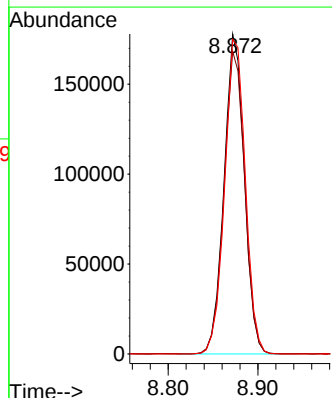
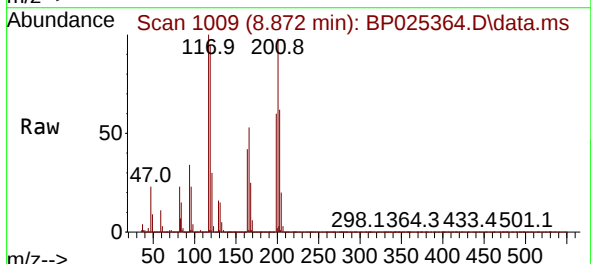
Instrument :  
BNA\_P  
ClientSampleId :  
PB169180BS

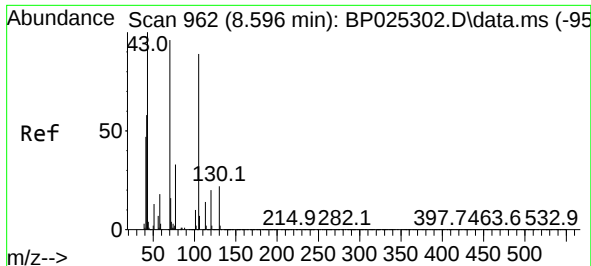
|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 107   | Resp: | 554819 |
| Ion      | Ratio | Lower | Upper  |
| 107      | 100   |       |        |
| 108      | 113.2 | 92.6  | 139.0  |
| 77       | 43.8  | 35.4  | 53.2   |
| 79       | 42.6  | 35.3  | 52.9   |



#18  
Hexachloroethane  
Concen: 45.784 ng  
RT: 8.872 min Scan# 1009  
Delta R.T. -0.006 min  
Lab File: BP025364.D  
Acq: 12 Aug 2025 12:54

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 117   | Resp: | 279747 |
| Ion      | Ratio | Lower | Upper  |
| 117      | 100   |       |        |
| 119      | 94.6  | 75.8  | 113.8  |
| 201      | 98.3  | 76.6  | 114.8  |

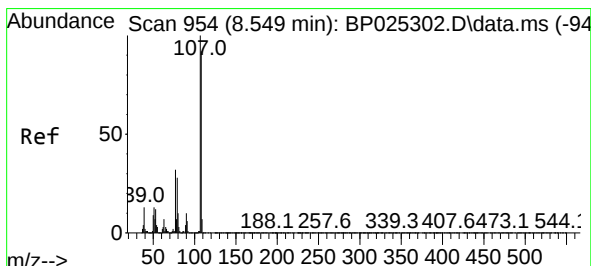
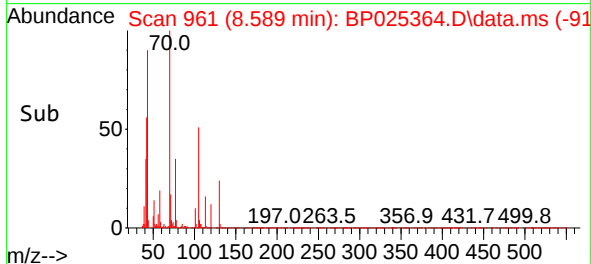
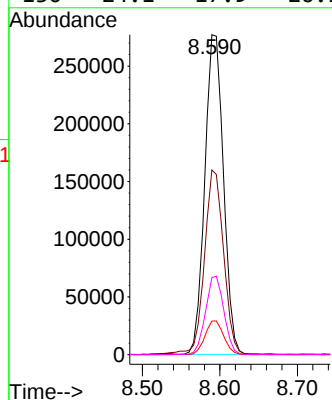
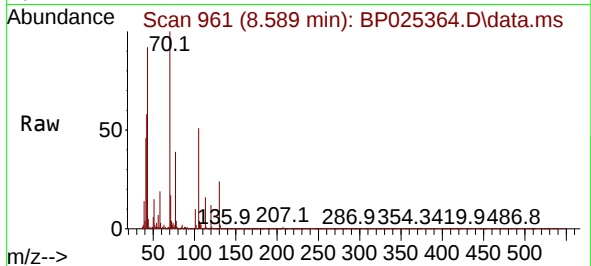




#19  
n-Nitroso-di-n-propylamine  
Concen: 39.014 ng  
RT: 8.589 min Scan# 961  
Delta R.T. -0.007 min  
Lab File: BP025364.D  
Acq: 12 Aug 2025 12:54

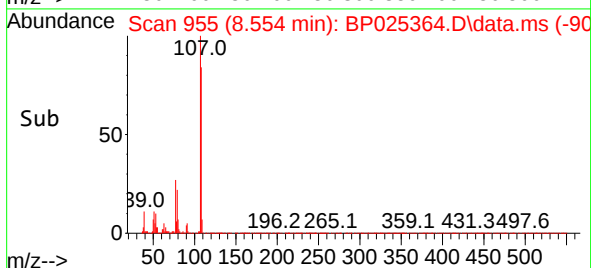
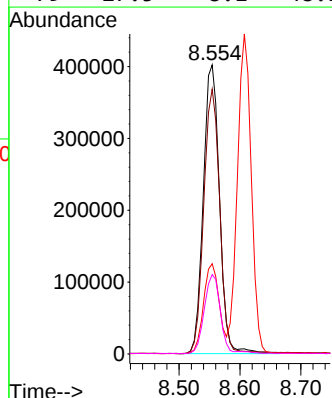
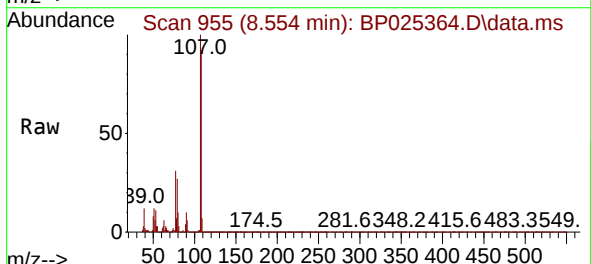
Instrument :  
BNA\_P  
ClientSampleId :  
PB169180BS

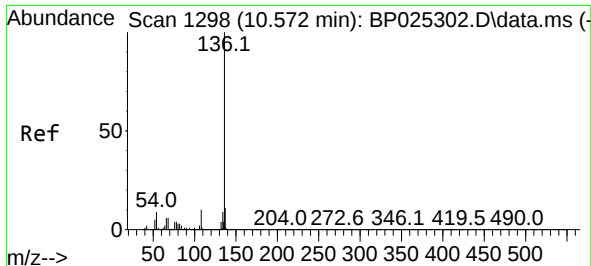
|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 70    | Resp: | 463209 |
| Ion      | Ratio | Lower | Upper  |
| 70       | 100   |       |        |
| 42       | 57.7  | 49.4  | 74.0   |
| 101      | 10.5  | 7.9   | 11.9   |
| 130      | 24.1  | 17.9  | 26.9   |



#20  
3+4-Methylphenols  
Concen: 41.833 ng  
RT: 8.554 min Scan# 955  
Delta R.T. 0.005 min  
Lab File: BP025364.D  
Acq: 12 Aug 2025 12:54

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 107   | Resp: | 745255 |
| Ion      | Ratio | Lower | Upper  |
| 107      | 100   |       |        |
| 108      | 91.6  | 71.9  | 111.9  |
| 77       | 31.2  | 12.0  | 52.0   |
| 79       | 27.5  | 8.1   | 48.1   |

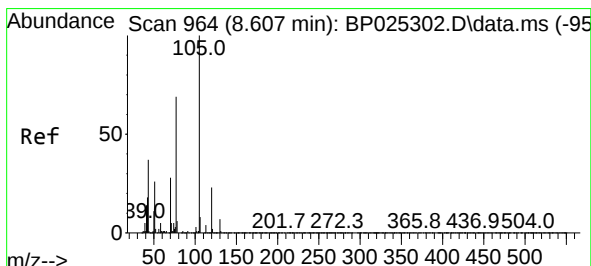
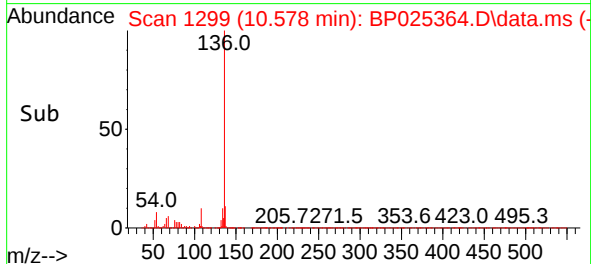
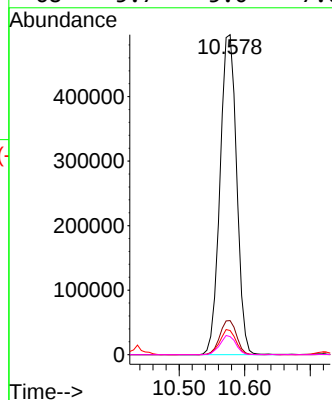
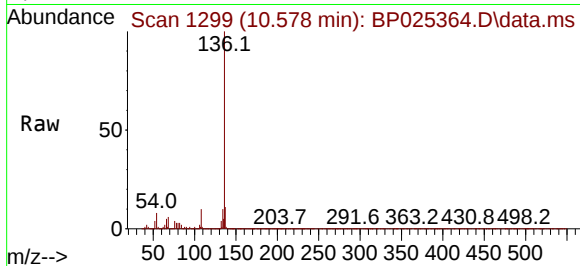




#21  
Naphthalene-d8  
Concen: 20.000 ng  
RT: 10.578 min Scan# 1298  
Delta R.T. 0.006 min  
Lab File: BP025364.D  
Acq: 12 Aug 2025 12:54

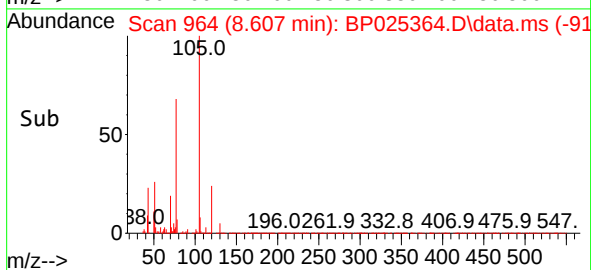
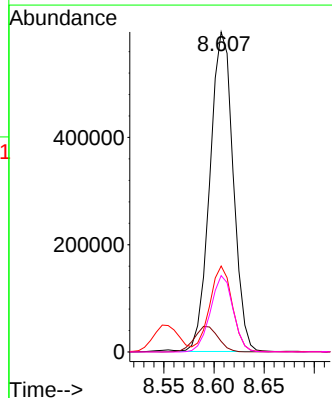
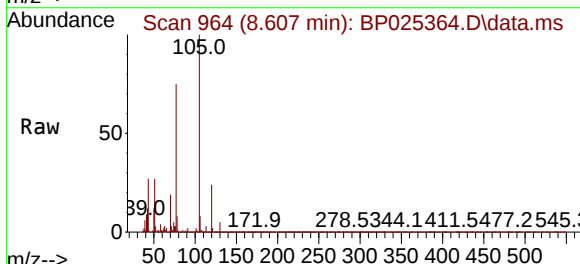
Instrument :  
BNA\_P  
ClientSampleId :  
PB169180BS

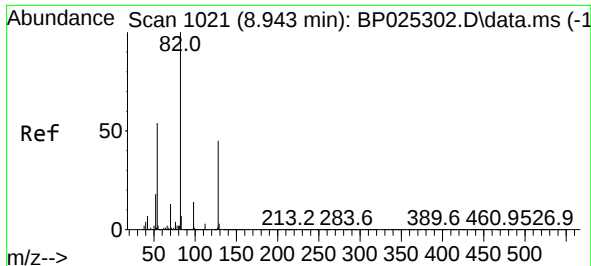
|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 136   | Resp: | 869704 |
| Ion      | Ratio | Lower | Upper  |
| 136      | 100   |       |        |
| 137      | 10.7  | 8.9   | 13.3   |
| 54       | 7.6   | 7.0   | 10.6   |
| 68       | 5.7   | 5.0   | 7.6    |



#22  
Acetophenone  
Concen: 44.054 ng  
RT: 8.607 min Scan# 964  
Delta R.T. 0.000 min  
Lab File: BP025364.D  
Acq: 12 Aug 2025 12:54

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 105   | Resp: | 961828 |
| Ion      | Ratio | Lower | Upper  |
| 105      | 100   |       |        |
| 71       | 3.3   | 4.1   | 6.1    |
| 51       | 26.9  | 22.7  | 34.1   |
| 120      | 23.9  | 18.3  | 27.5   |





#23

Nitrobenzene-d5

Concen: 85.660 ng

RT: 8.942 min Scan# 1021

Delta R.T. -0.001 min

Lab File: BP025364.D

Acq: 12 Aug 2025 12:54

Instrument :

BNA\_P

ClientSampleId :

PB169180BS

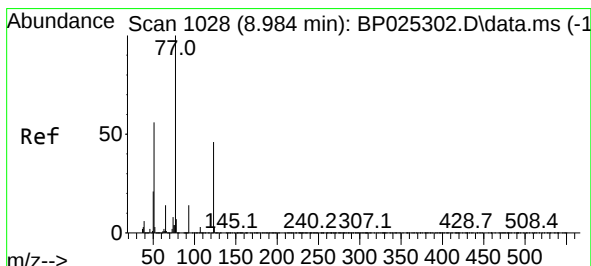
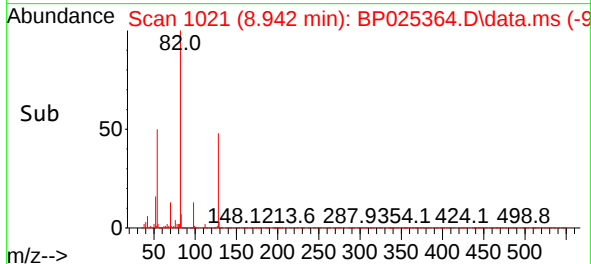
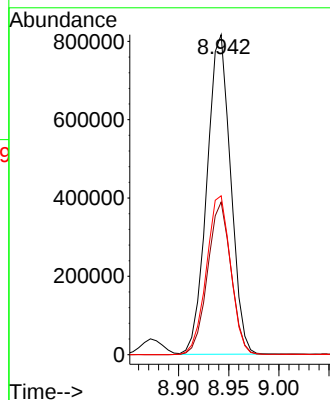
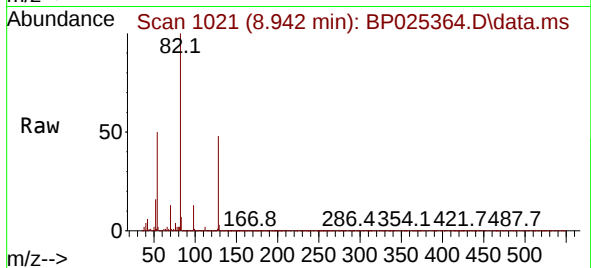
Tgt Ion: 82 Resp: 1344711

Ion Ratio Lower Upper

82 100

128 47.7 35.4 53.2

54 49.6 42.9 64.3



#24

Nitrobenzene

Concen: 46.513 ng

RT: 8.984 min Scan# 1028

Delta R.T. -0.000 min

Lab File: BP025364.D

Acq: 12 Aug 2025 12:54

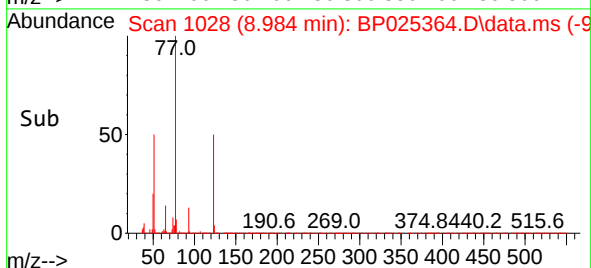
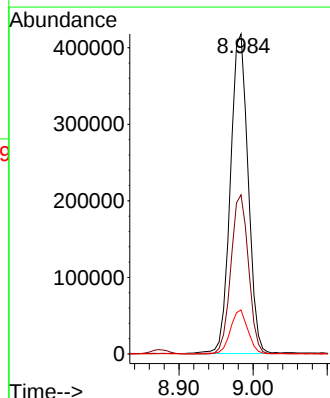
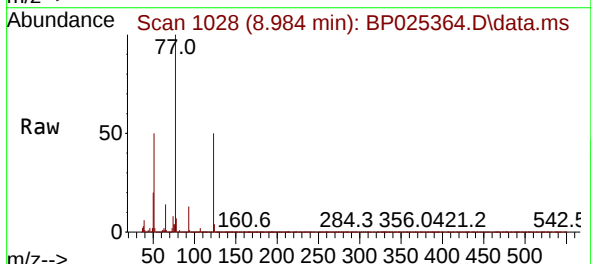
Tgt Ion: 77 Resp: 691190

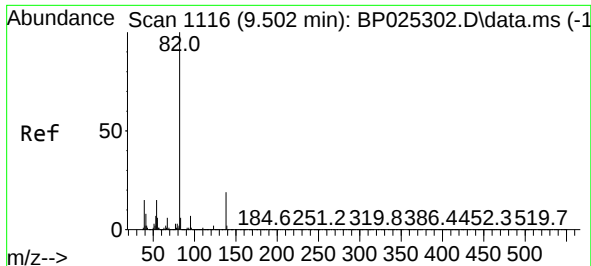
Ion Ratio Lower Upper

77 100

123 49.7 37.4 56.2

65 13.8 11.1 16.7

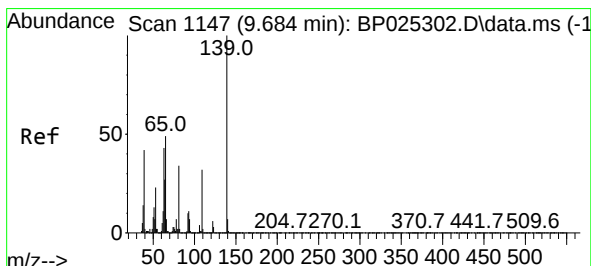
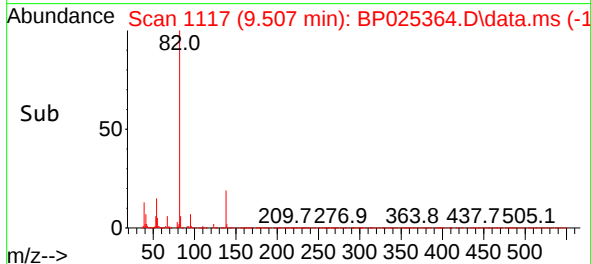
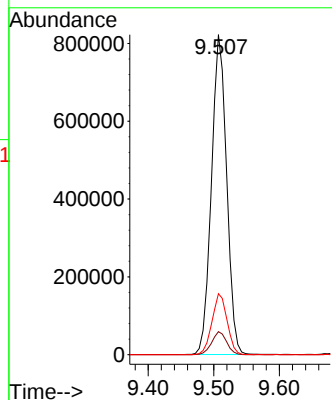
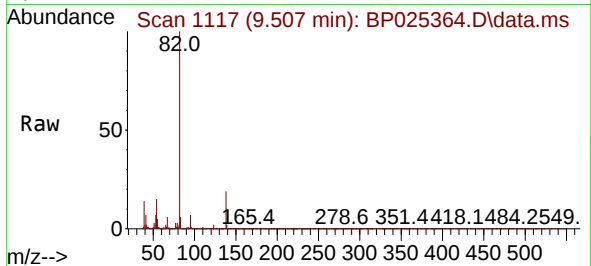




#25  
Isophorone  
Concen: 42.295 ng  
RT: 9.507 min Scan# 1116  
Delta R.T. 0.005 min  
Lab File: BP025364.D  
Acq: 12 Aug 2025 12:54

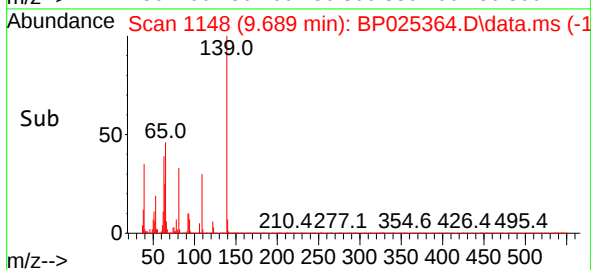
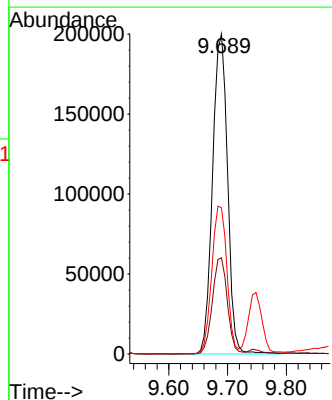
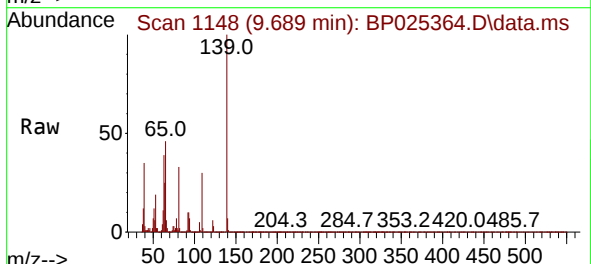
Instrument :  
BNA\_P  
ClientSampleId :  
PB169180BS

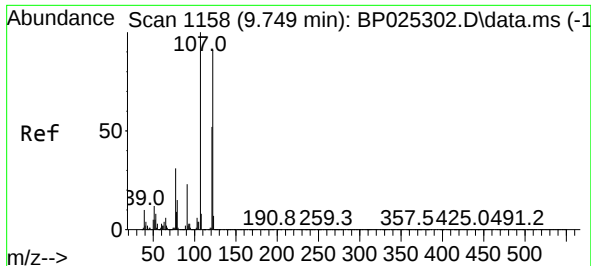
Tgt Ion: 82 Resp: 1321666  
Ion Ratio Lower Upper  
82 100  
95 7.2 5.7 8.5  
138 19.0 15.0 22.6



#26  
2-Nitrophenol  
Concen: 54.210 ng  
RT: 9.689 min Scan# 1148  
Delta R.T. 0.005 min  
Lab File: BP025364.D  
Acq: 12 Aug 2025 12:54

Tgt Ion: 139 Resp: 354210  
Ion Ratio Lower Upper  
139 100  
109 30.1 25.2 37.8  
65 45.7 39.6 59.4





#27

2,4-Dimethylphenol

Concen: 43.607 ng

RT: 9.748 min Scan# 1158

Delta R.T. -0.001 min

Lab File: BP025364.D

Acq: 12 Aug 2025 12:54

Instrument :

BNA\_P

ClientSampleId :

PB169180BS

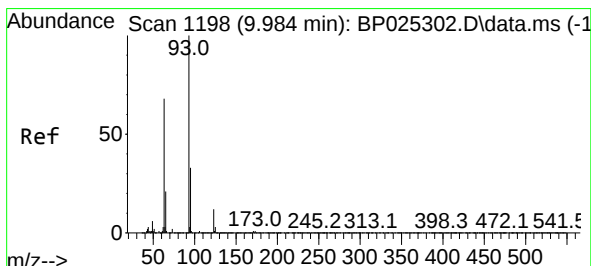
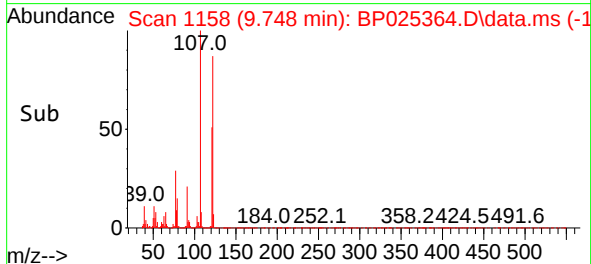
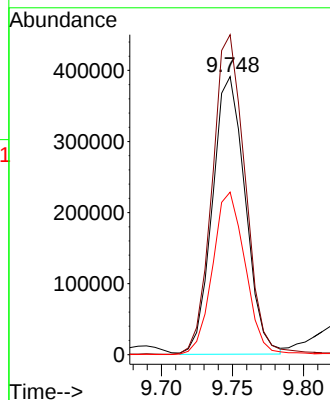
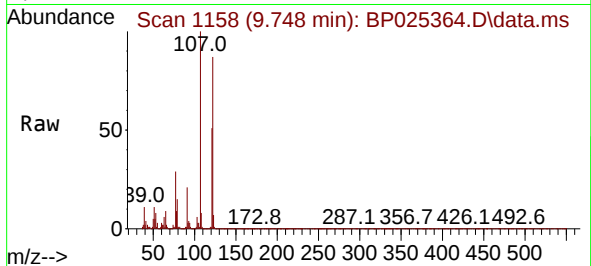
Tgt Ion:122 Resp: 628234

Ion Ratio Lower Upper

122 100

107 115.0 87.4 131.0

121 58.5 45.8 68.8



#28

bis(2-Chloroethoxy)methane

Concen: 43.576 ng

RT: 9.984 min Scan# 1198

Delta R.T. -0.000 min

Lab File: BP025364.D

Acq: 12 Aug 2025 12:54

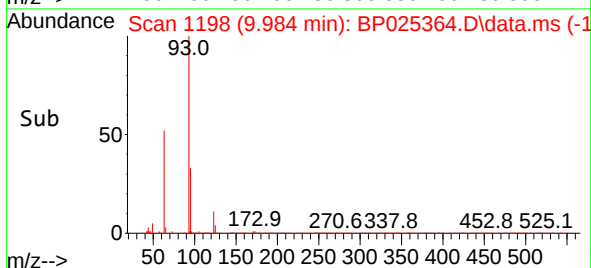
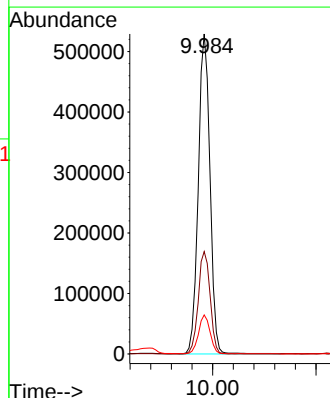
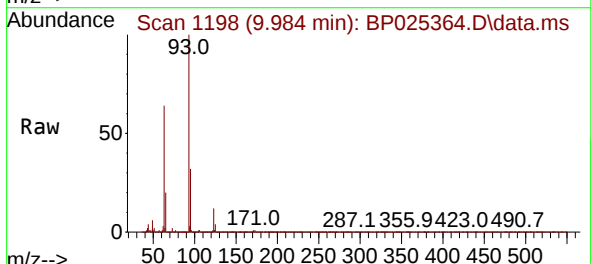
Tgt Ion: 93 Resp: 828355

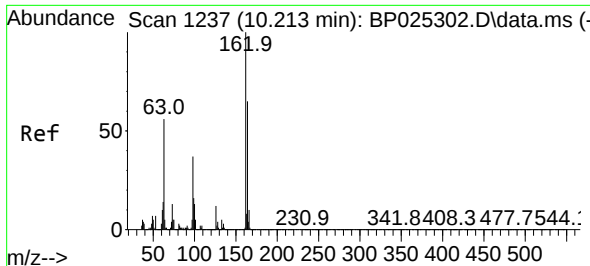
Ion Ratio Lower Upper

93 100

95 32.0 26.5 39.7

123 12.2 9.4 14.2

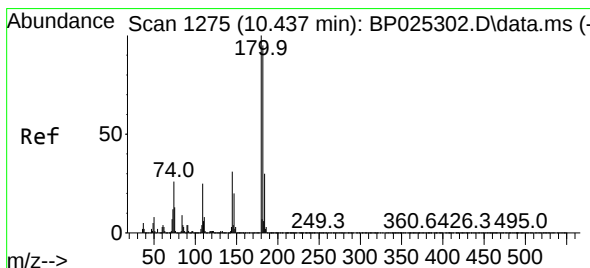
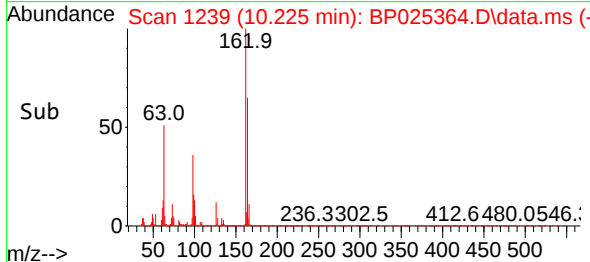
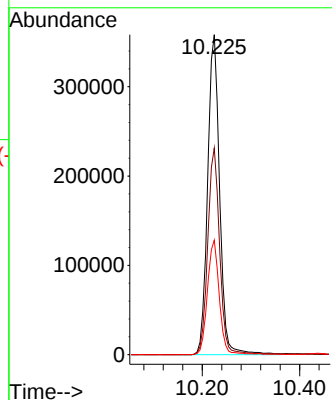
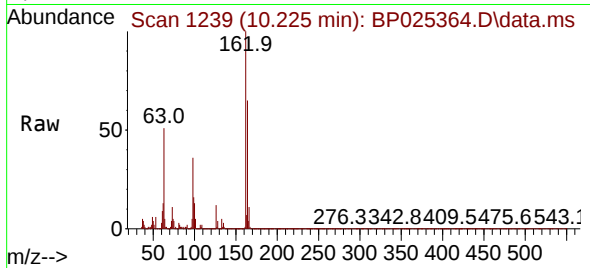




#29  
2,4-Dichlorophenol  
Concen: 48.340 ng  
RT: 10.225 min Scan# 1239  
Delta R.T. 0.012 min  
Lab File: BP025364.D  
Acq: 12 Aug 2025 12:54

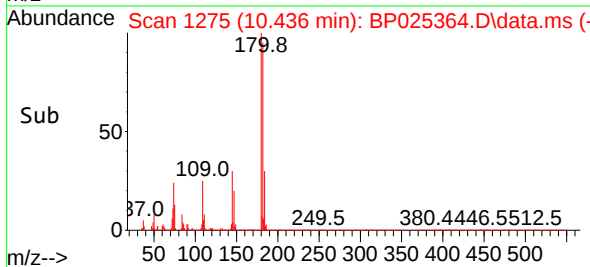
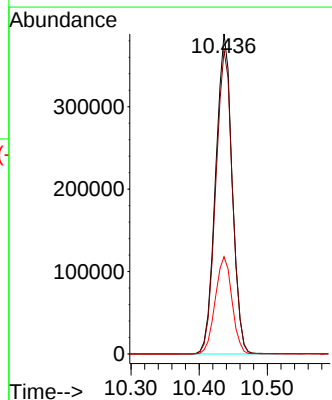
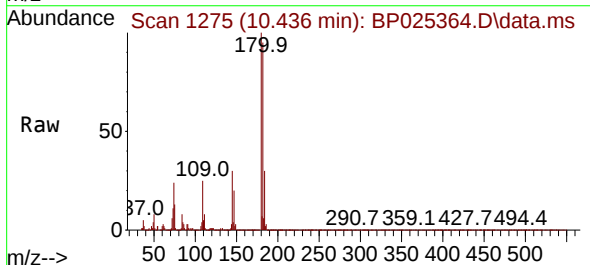
Instrument :  
BNA\_P  
ClientSampleId :  
PB169180BS

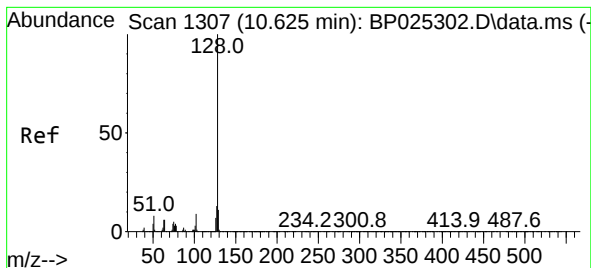
Tgt Ion:162 Resp: 609708  
Ion Ratio Lower Upper  
162 100  
164 64.6 45.2 85.2  
98 35.8 17.5 57.5



#30  
1,2,4-Trichlorobenzene  
Concen: 47.032 ng  
RT: 10.436 min Scan# 1275  
Delta R.T. -0.001 min  
Lab File: BP025364.D  
Acq: 12 Aug 2025 12:54

Tgt Ion:180 Resp: 654455  
Ion Ratio Lower Upper  
180 100  
182 94.8 75.8 113.8  
145 30.4 25.0 37.4





#31

Naphthalene

Concen: 45.364 ng

RT: 10.625 min Scan# 1181

Delta R.T. -0.000 min

Lab File: BP025364.D

Acq: 12 Aug 2025 12:54

Instrument :

BNA\_P

ClientSampleId :

PB169180BS

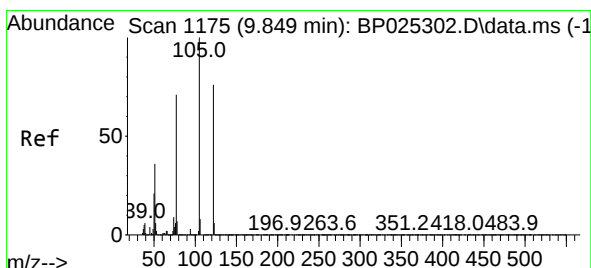
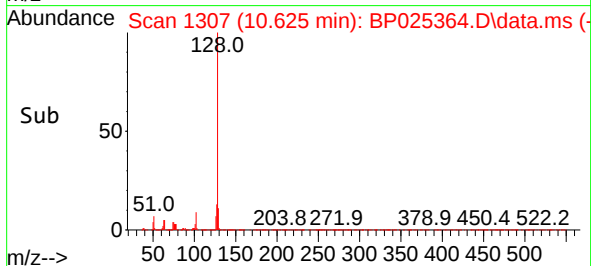
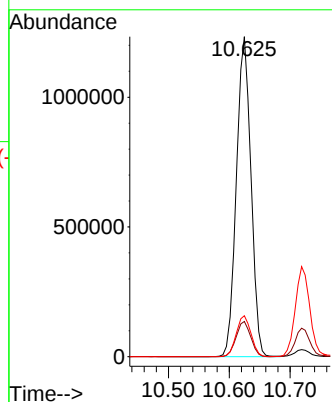
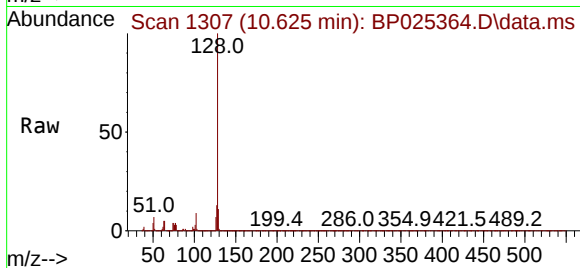
Tgt Ion:128 Resp: 2048114

Ion Ratio Lower Upper

128 100

129 11.0 8.9 13.3

127 12.8 10.4 15.6



#32

Benzoic acid

Concen: 53.159 ng

RT: 9.884 min Scan# 1181

Delta R.T. 0.035 min

Lab File: BP025364.D

Acq: 12 Aug 2025 12:54

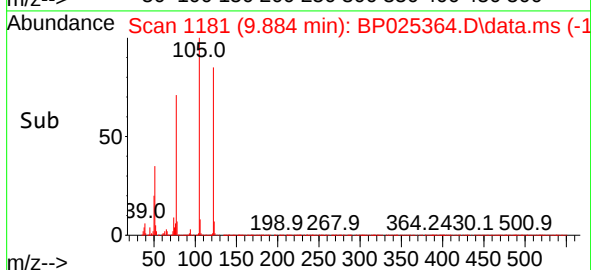
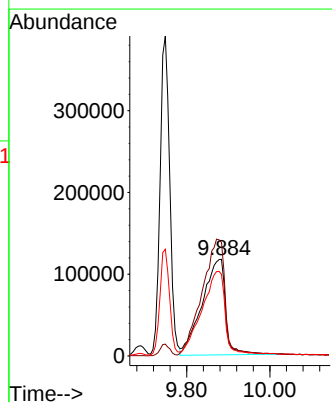
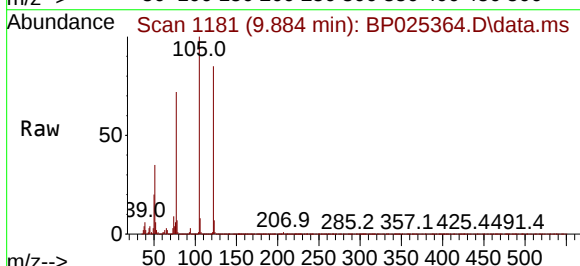
Tgt Ion:122 Resp: 456006

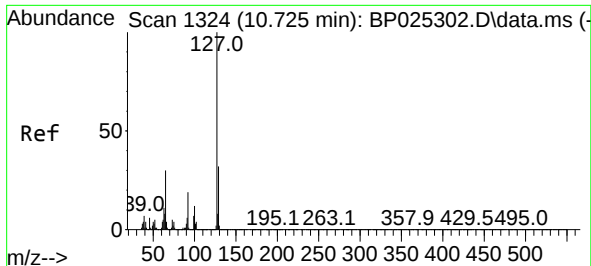
Ion Ratio Lower Upper

122 100

105 117.6 104.0 144.0

77 84.5 71.8 111.8

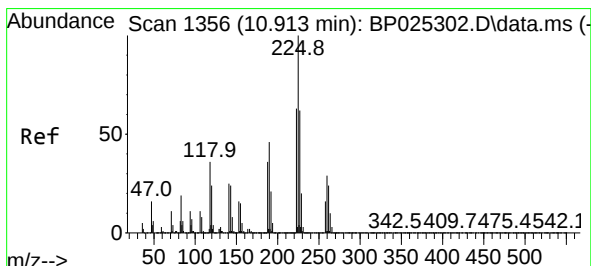
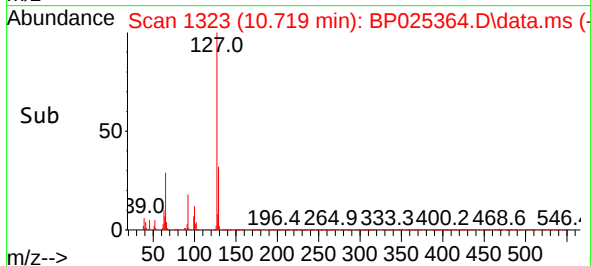
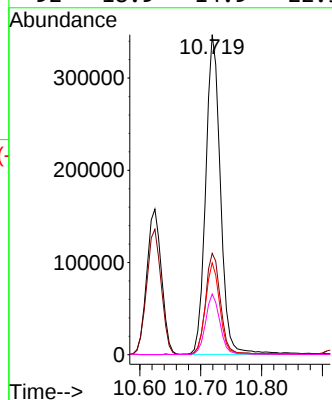
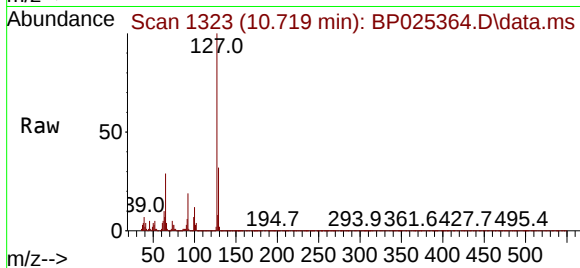




#33  
4-Chloroaniline  
Concen: 29.026 ng  
RT: 10.719 min Scan# 1323  
Delta R.T. -0.006 min  
Lab File: BP025364.D  
Acq: 12 Aug 2025 12:54

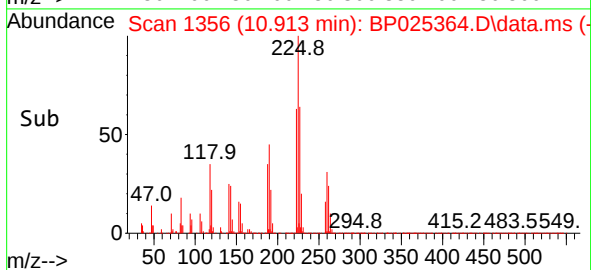
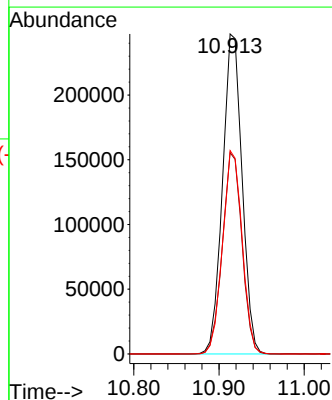
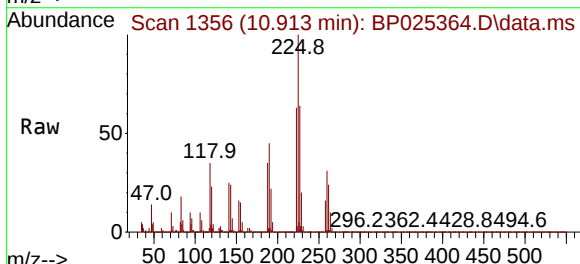
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BNA\_P  
ClientSampleId :  
PB169180BS

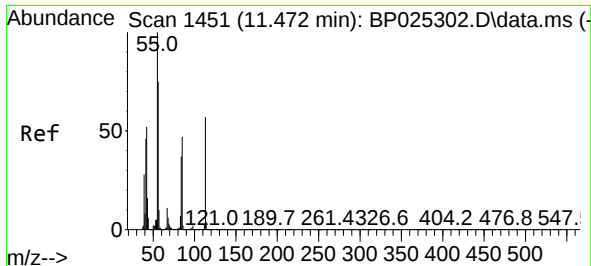
|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 127   | Resp: | 582847 |
| Ion      | Ratio | Lower | Upper  |
| 127      | 100   |       |        |
| 129      | 31.7  | 25.8  | 38.6   |
| 65       | 28.7  | 23.6  | 35.4   |
| 92       | 18.9  | 14.9  | 22.3   |



#34  
Hexachlorobutadiene  
Concen: 49.294 ng  
RT: 10.913 min Scan# 1356  
Delta R.T. -0.000 min  
Lab File: BP025364.D  
Acq: 12 Aug 2025 12:54

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 225   | Resp: | 393747 |
| Ion      | Ratio | Lower | Upper  |
| 225      | 100   |       |        |
| 223      | 62.9  | 50.3  | 75.5   |
| 227      | 63.5  | 49.7  | 74.5   |

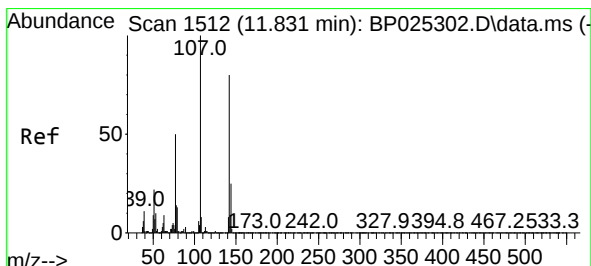
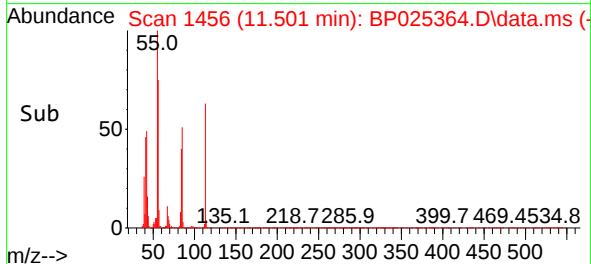
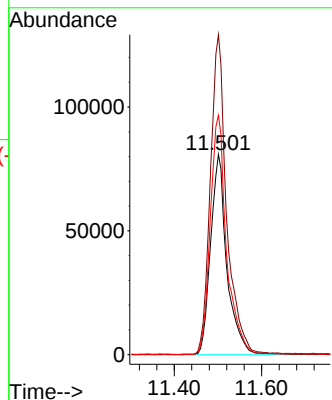
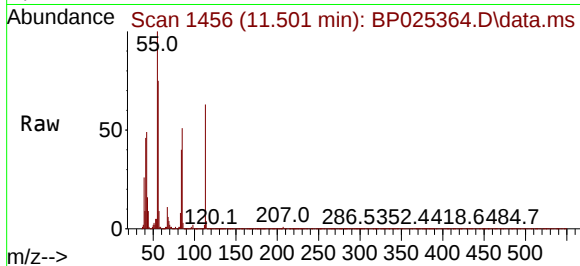




#35  
Caprolactam  
Concen: 42.662 ng  
RT: 11.501 min Scan# 1451  
Delta R.T. 0.029 min  
Lab File: BP025364.D  
Acq: 12 Aug 2025 12:54

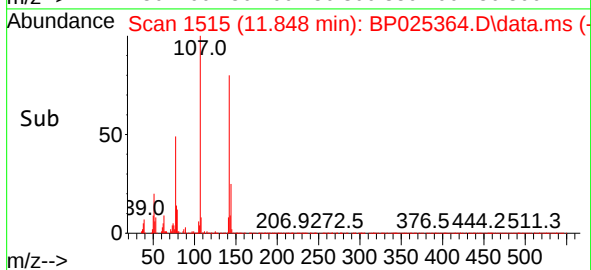
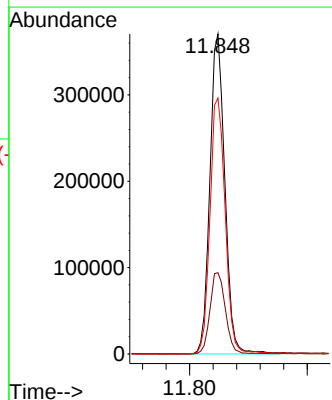
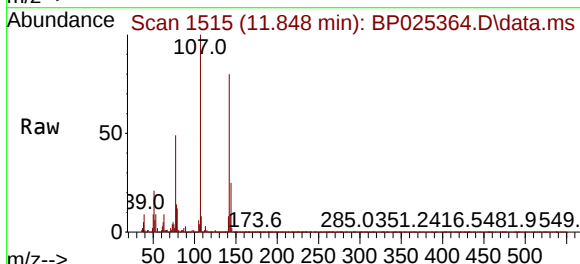
Instrument :  
BNA\_P  
ClientSampleId :  
PB169180BS

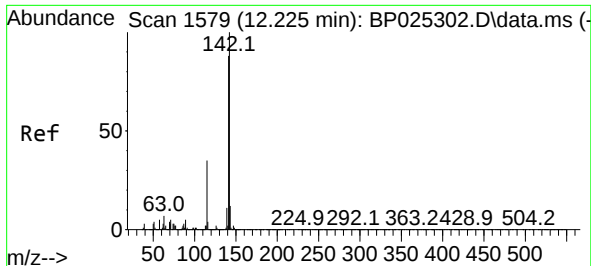
| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 113     | 100   |       |       |
| 55      | 159.8 | 154.4 | 194.4 |
| 56      | 119.6 | 110.9 | 150.9 |



#36  
4-Chloro-3-methylphenol  
Concen: 44.901 ng  
RT: 11.848 min Scan# 1515  
Delta R.T. 0.017 min  
Lab File: BP025364.D  
Acq: 12 Aug 2025 12:54

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 107     | 100   |       |       |
| 144     | 25.4  | 20.4  | 30.6  |
| 142     | 79.9  | 63.7  | 95.5  |

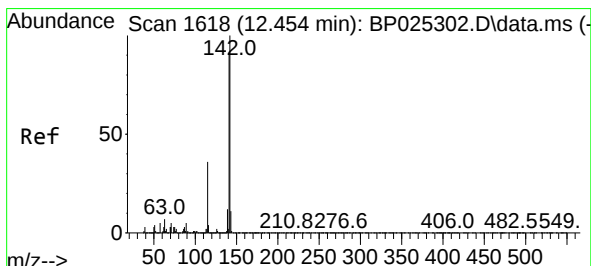
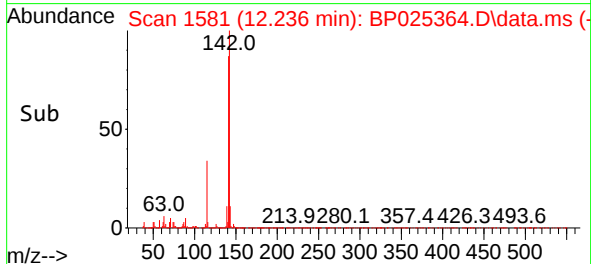
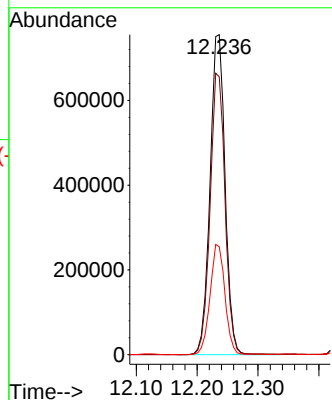
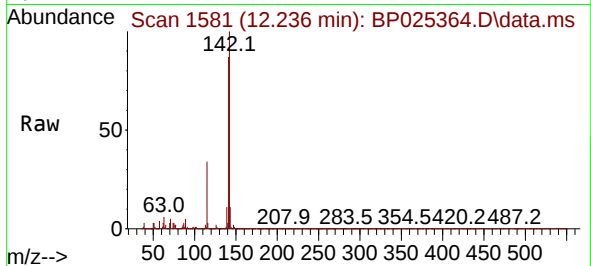




#37  
2-Methylnaphthalene  
Concen: 44.332 ng  
RT: 12.236 min Scan# 1581  
Delta R.T. 0.011 min  
Lab File: BP025364.D  
Acq: 12 Aug 2025 12:54

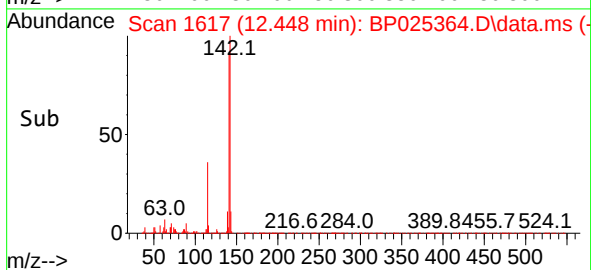
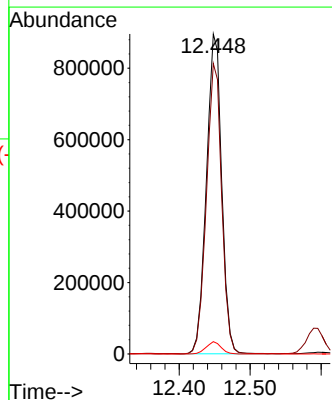
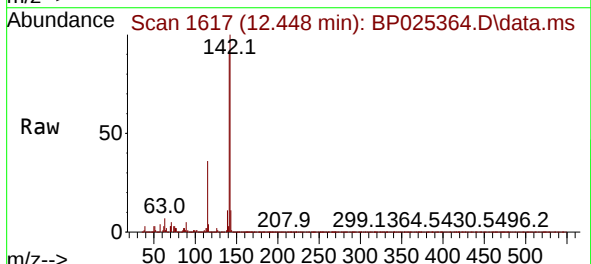
Instrument :  
BNA\_P  
ClientSampleId :  
PB169180BS

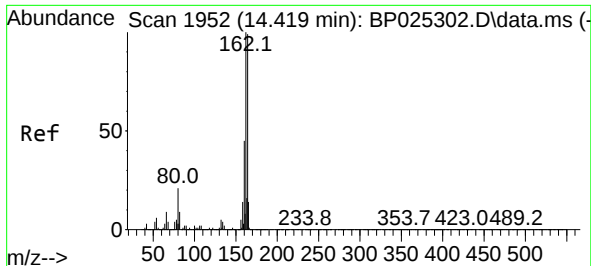
Tgt Ion:142 Resp: 1295489  
Ion Ratio Lower Upper  
142 100  
141 86.9 70.4 105.6  
115 33.7 28.0 42.0



#38  
1-Methylnaphthalene  
Concen: 43.918 ng  
RT: 12.448 min Scan# 1617  
Delta R.T. -0.006 min  
Lab File: BP025364.D  
Acq: 12 Aug 2025 12:54

Tgt Ion:142 Resp: 1339118  
Ion Ratio Lower Upper  
142 100  
141 90.7 73.0 109.6  
116 3.9 3.0 4.6

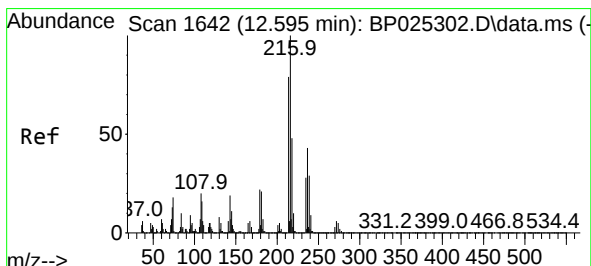
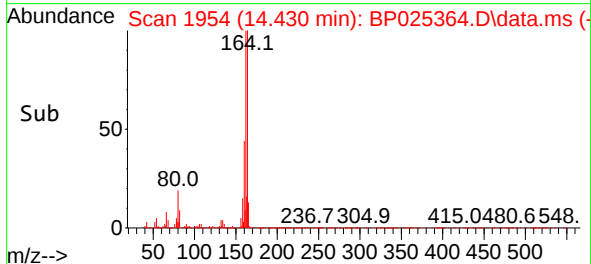
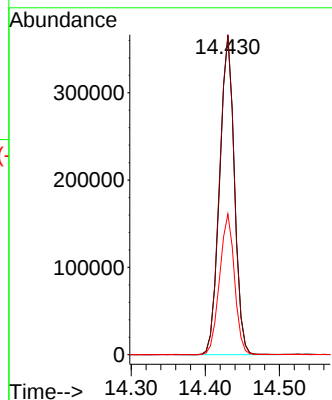
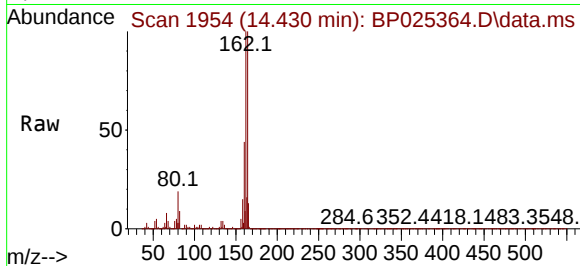




#39  
Acenaphthene-d10  
Concen: 20.000 ng  
RT: 14.430 min Scan# 1954  
Delta R.T. 0.011 min  
Lab File: BP025364.D  
Acq: 12 Aug 2025 12:54

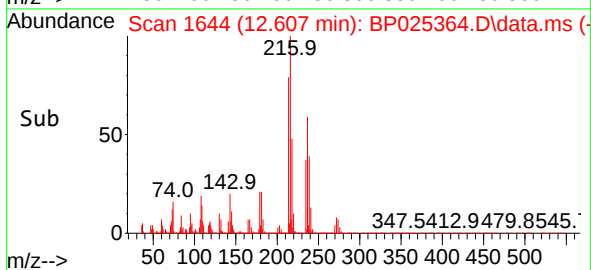
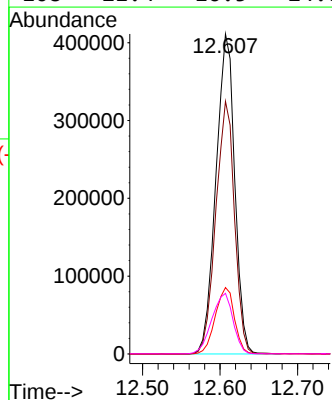
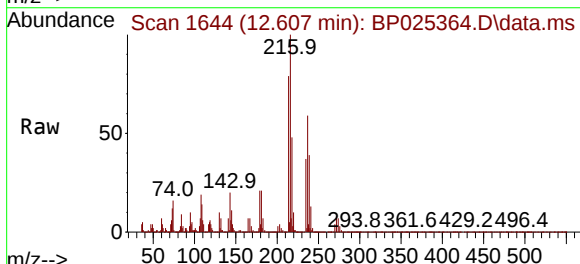
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BNA\_P  
ClientSampleId :  
PB169180BS

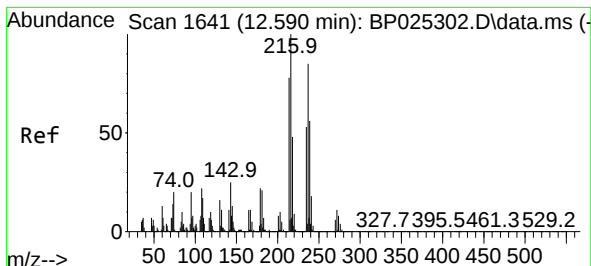
Tgt Ion:164 Resp: 505729  
Ion Ratio Lower Upper  
164 100  
162 100.3 80.6 120.8  
160 44.2 35.9 53.9



#40  
1,2,4,5-Tetrachlorobenzene  
Concen: 50.196 ng  
RT: 12.607 min Scan# 1644  
Delta R.T. 0.012 min  
Lab File: BP025364.D  
Acq: 12 Aug 2025 12:54

Tgt Ion:216 Resp: 693061  
Ion Ratio Lower Upper  
216 100  
214 78.5 62.4 93.6  
179 21.2 17.5 26.3  
108 21.4 16.5 24.7





#41

Hexachlorocyclopentadiene

Concen: 109.556 ng

RT: 12.595 min Scan# 1

Delta R.T. 0.005 min

Lab File: BP025364.D

Acq: 12 Aug 2025 12:54

Instrument :

BNA\_P

ClientSampleId :

PB169180BS

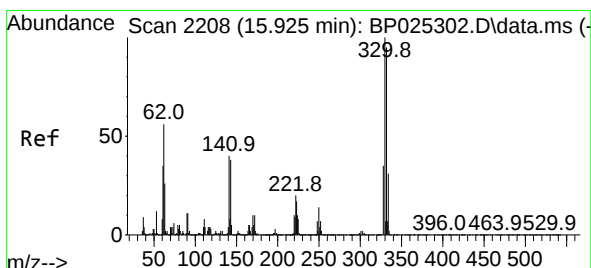
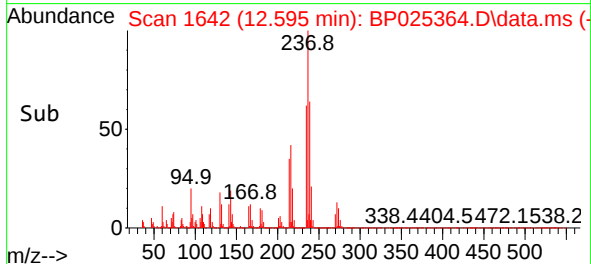
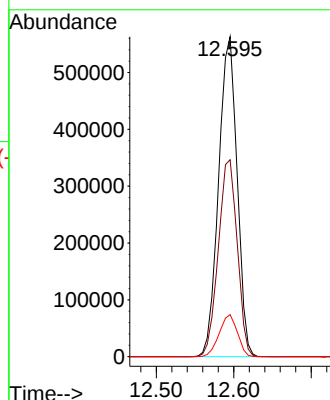
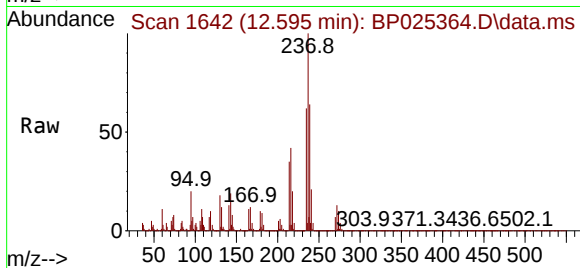
Tgt Ion:237 Resp: 933594

Ion Ratio Lower Upper

237 100

235 61.6 42.2 82.2

272 13.2 0.0 32.8



#42

2,4,6-Tribromophenol

Concen: 156.336 ng

RT: 15.936 min Scan# 2210

Delta R.T. 0.011 min

Lab File: BP025364.D

Acq: 12 Aug 2025 12:54

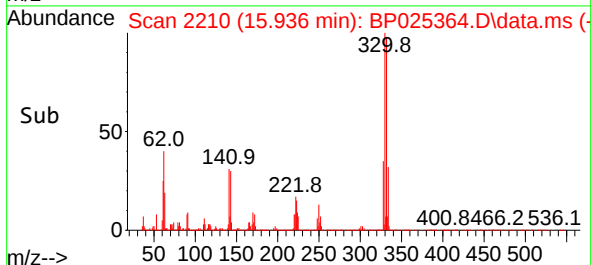
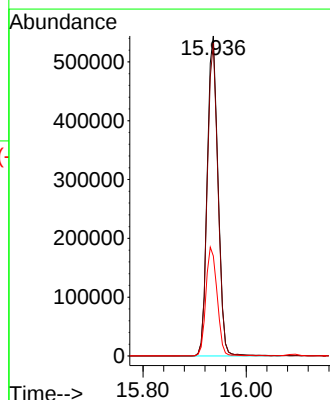
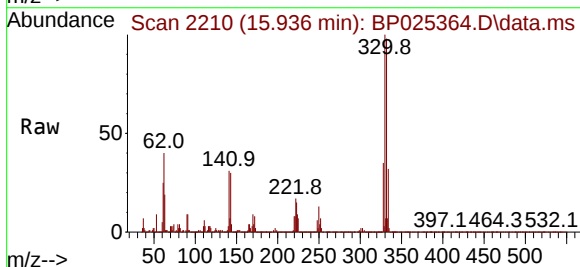
Tgt Ion:330 Resp: 788751

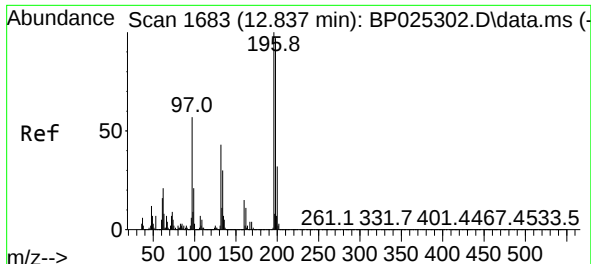
Ion Ratio Lower Upper

330 100

332 96.8 77.4 116.0

141 35.1 31.7 47.5

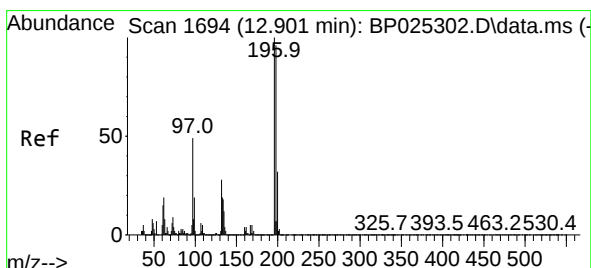
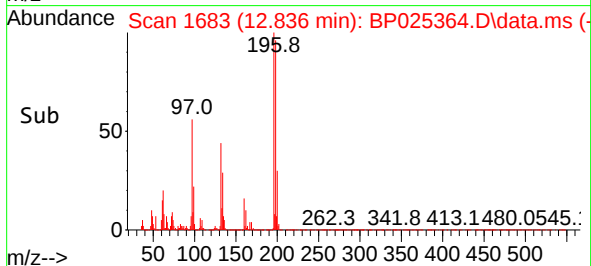
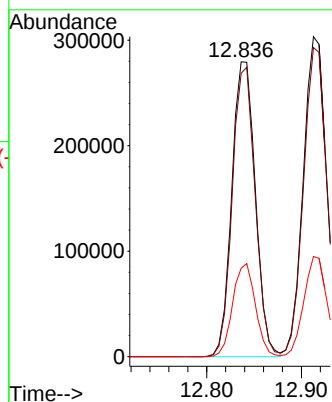
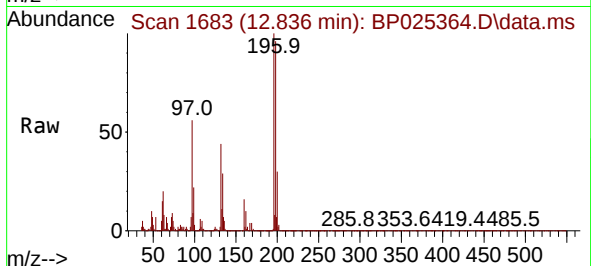




#43  
2,4,6-Trichlorophenol  
Concen: 54.098 ng  
RT: 12.836 min Scan# 1683  
Delta R.T. -0.001 min  
Lab File: BP025364.D  
Acq: 12 Aug 2025 12:54

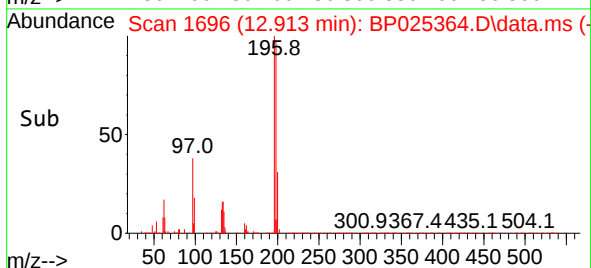
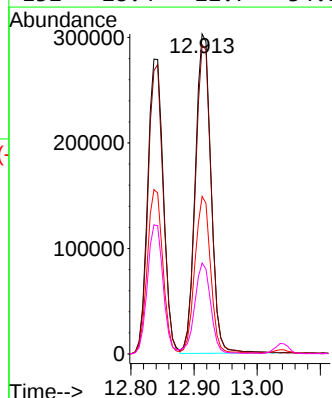
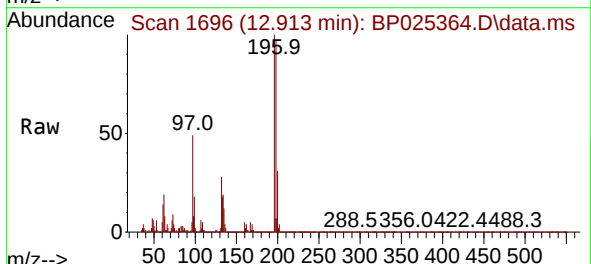
Instrument :  
BNA\_P  
ClientSampleId :  
PB169180BS

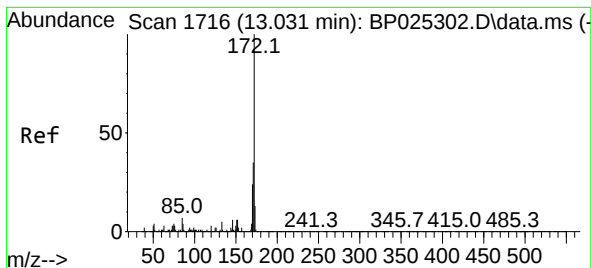
Tgt Ion:196 Resp: 482515  
Ion Ratio Lower Upper  
196 100  
198 96.1 77.3 115.9  
200 30.0 25.4 38.2



#44  
2,4,5-Trichlorophenol  
Concen: 52.521 ng  
RT: 12.913 min Scan# 1696  
Delta R.T. 0.012 min  
Lab File: BP025364.D  
Acq: 12 Aug 2025 12:54

Tgt Ion:196 Resp: 525502  
Ion Ratio Lower Upper  
196 100  
198 96.6 76.6 114.8  
97 49.2 39.5 59.3  
132 28.4 22.7 34.1





#45

2-Fluorobiphenyl

Concen: 85.456 ng

RT: 13.042 min Scan# 1

Delta R.T. 0.011 min

Lab File: BP025364.D

Acq: 12 Aug 2025 12:54

Instrument :

BNA\_P

ClientSampleId :

PB169180BS

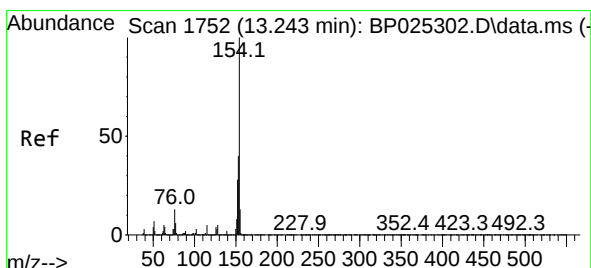
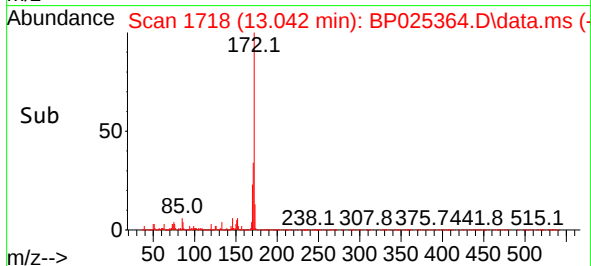
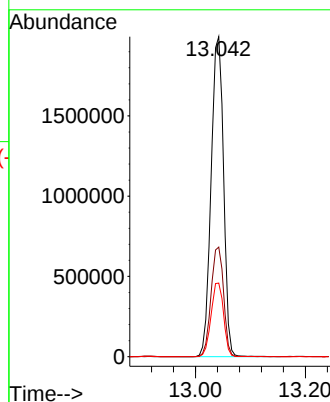
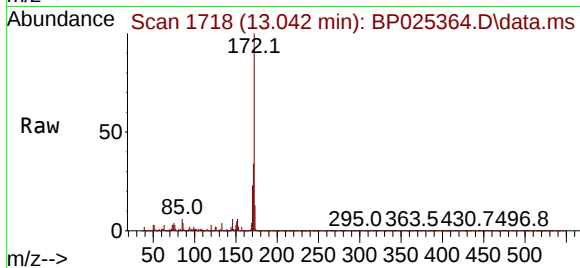
Tgt Ion:172 Resp: 3128965

Ion Ratio Lower Upper

172 100

171 34.3 27.9 41.9

170 23.0 18.9 28.3



#46

1,1'-Biphenyl

Concen: 48.542 ng

RT: 13.254 min Scan# 1754

Delta R.T. 0.011 min

Lab File: BP025364.D

Acq: 12 Aug 2025 12:54

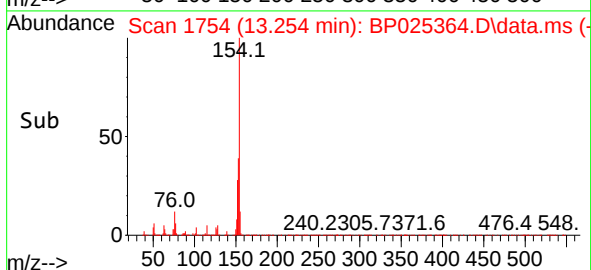
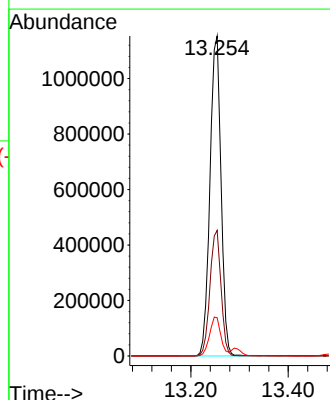
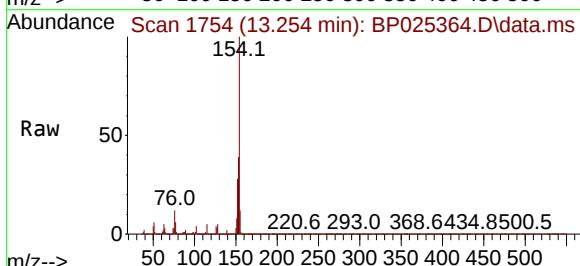
Tgt Ion:154 Resp: 1809157

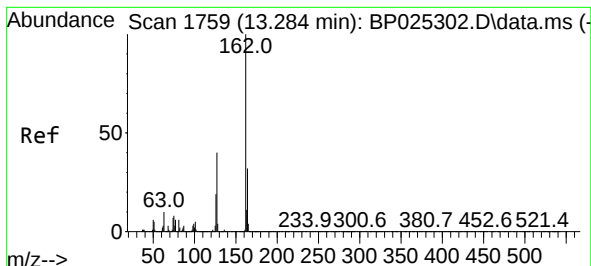
Ion Ratio Lower Upper

154 100

153 39.3 19.9 59.9

76 11.9 0.0 33.2





#47

2-Chloronaphthalene

Concen: 48.633 ng

RT: 13.295 min Scan# 1761

Delta R.T. 0.011 min

Lab File: BP025364.D

Acq: 12 Aug 2025 12:54

Instrument :

BNA\_P

ClientSampleId :

PB169180BS

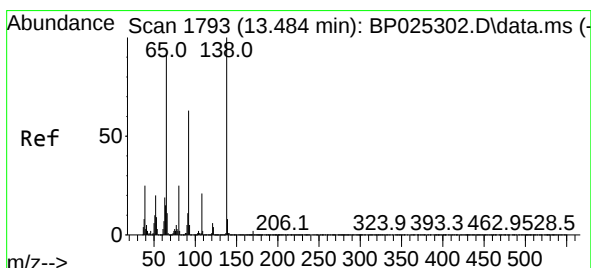
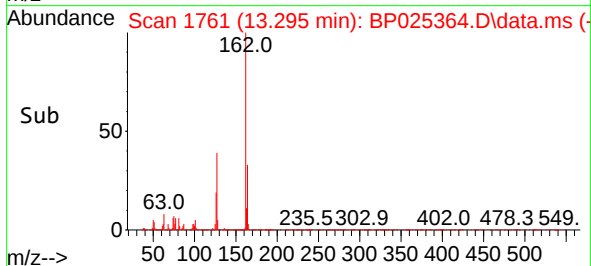
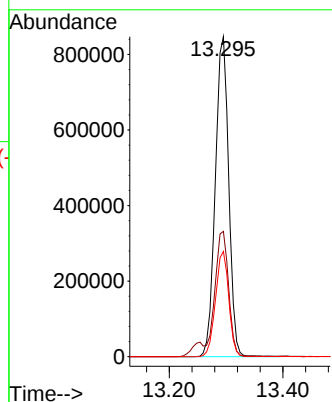
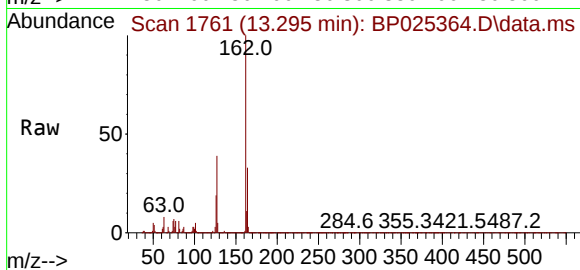
Tgt Ion:162 Resp: 1382843

Ion Ratio Lower Upper

162 100

127 39.2 32.2 48.2

164 32.9 25.9 38.9



#48

2-Nitroaniline

Concen: 47.982 ng

RT: 13.483 min Scan# 1793

Delta R.T. -0.001 min

Lab File: BP025364.D

Acq: 12 Aug 2025 12:54

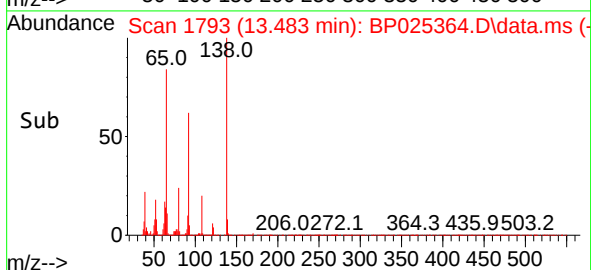
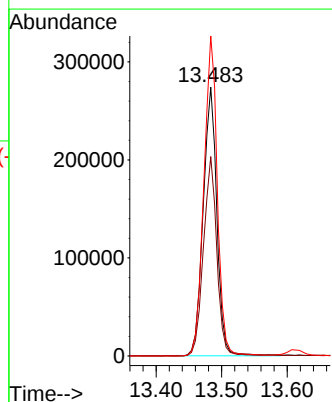
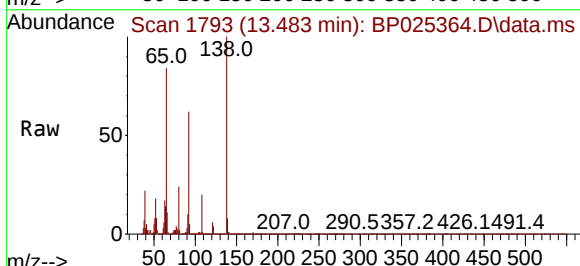
Tgt Ion: 65 Resp: 399641

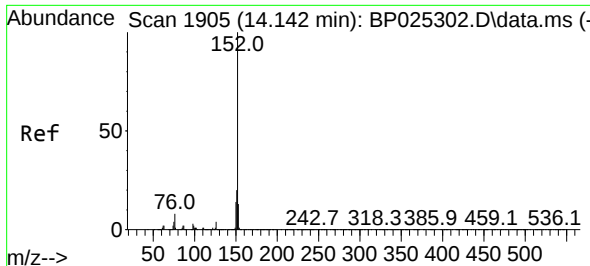
Ion Ratio Lower Upper

65 100

92 74.1 54.4 81.6

138 119.0 87.0 130.4

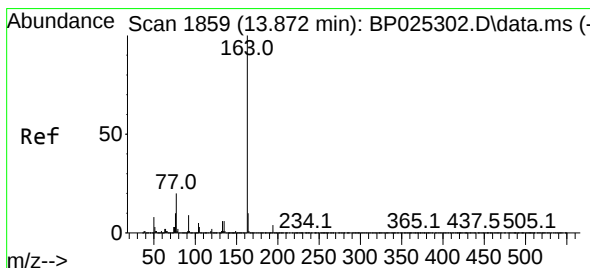
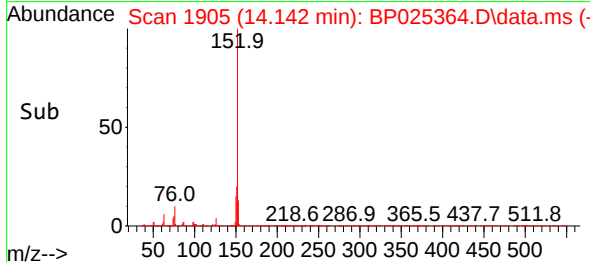
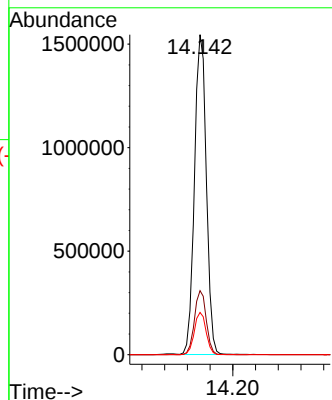
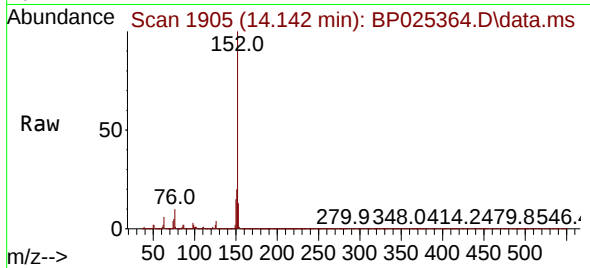




#49  
Acenaphthylene  
Concen: 47.430 ng  
RT: 14.142 min Scan# 1905  
Delta R.T. 0.000 min  
Lab File: BP025364.D  
Acq: 12 Aug 2025 12:54

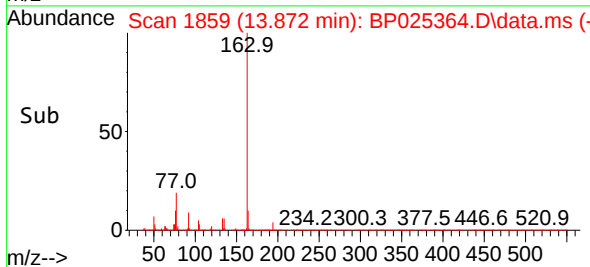
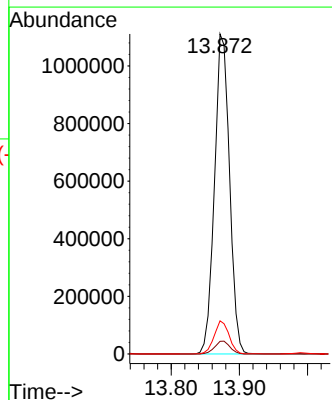
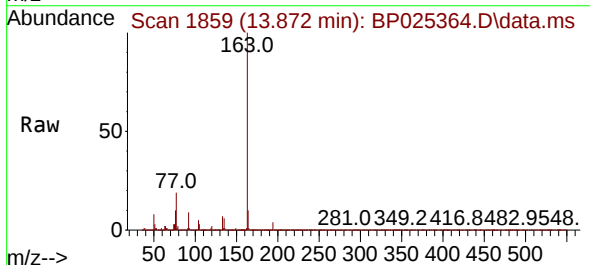
Instrument :  
BNA\_P  
ClientSampleId :  
PB169180BS

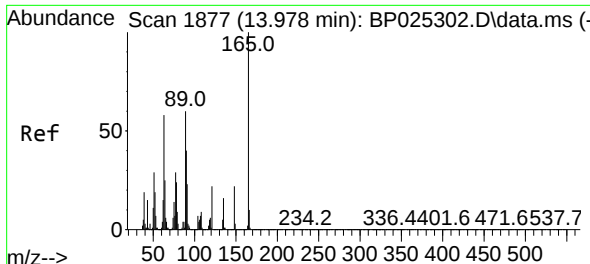
Tgt Ion:152 Resp: 2249554  
Ion Ratio Lower Upper  
152 100  
151 20.0 15.8 23.6  
153 13.2 10.4 15.6



#50  
Dimethylphthalate  
Concen: 46.254 ng  
RT: 13.872 min Scan# 1859  
Delta R.T. -0.000 min  
Lab File: BP025364.D  
Acq: 12 Aug 2025 12:54

Tgt Ion:163 Resp: 1705266  
Ion Ratio Lower Upper  
163 100  
194 3.9 3.3 4.9  
164 10.4 8.0 12.0





#51

2,6-Dinitrotoluene

Concen: 54.648 ng

RT: 13.989 min Scan# 1879

Delta R.T. 0.011 min

Lab File: BP025364.D

Acq: 12 Aug 2025 12:54

Instrument :

BNA\_P

ClientSampleId :

PB169180BS

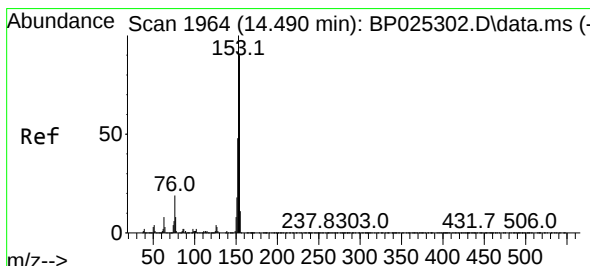
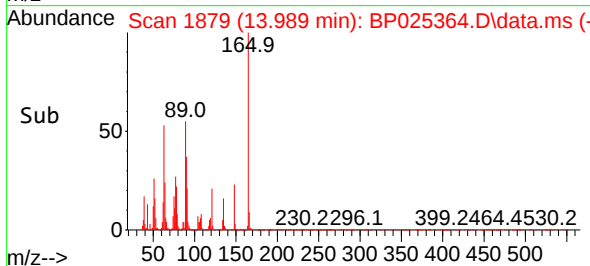
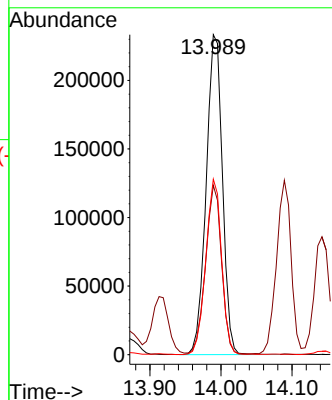
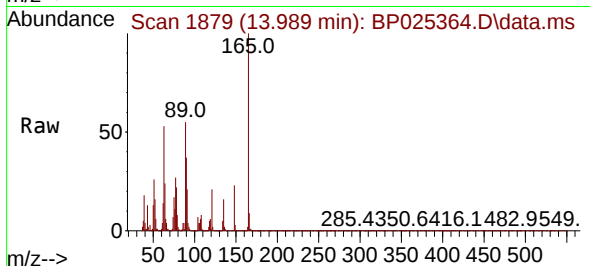
Tgt Ion:165 Resp: 371618

Ion Ratio Lower Upper

165 100

63 52.9 47.6 71.4

89 54.9 47.8 71.8



#52

Acenaphthene

Concen: 45.562 ng

RT: 14.489 min Scan# 1964

Delta R.T. -0.001 min

Lab File: BP025364.D

Acq: 12 Aug 2025 12:54

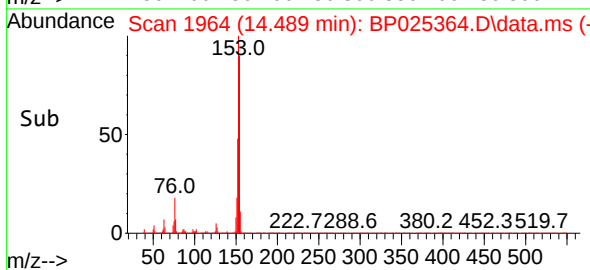
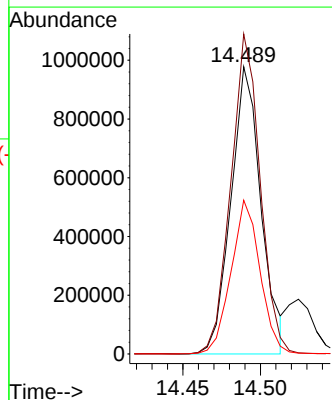
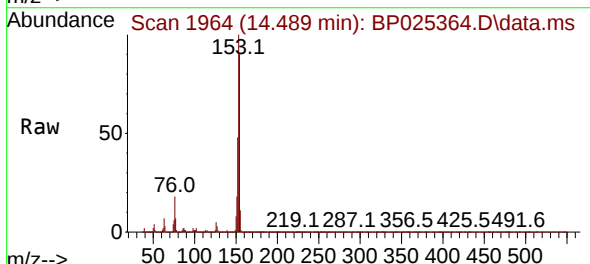
Tgt Ion:154 Resp: 1318115

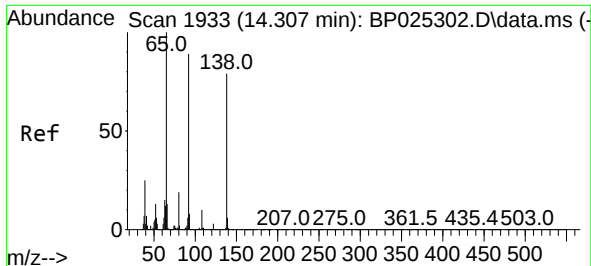
Ion Ratio Lower Upper

154 100

153 111.4 89.4 134.0

152 53.5 43.0 64.6

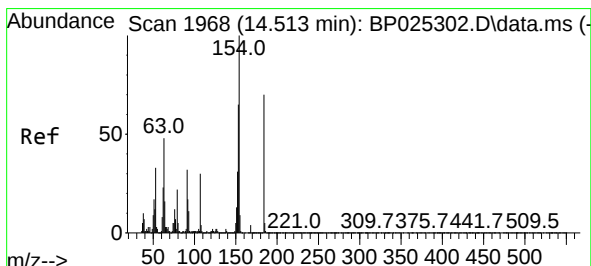
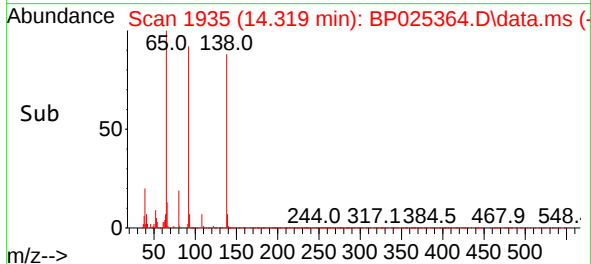
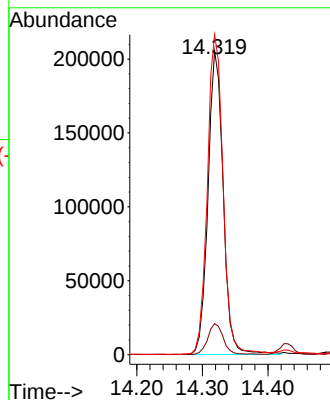
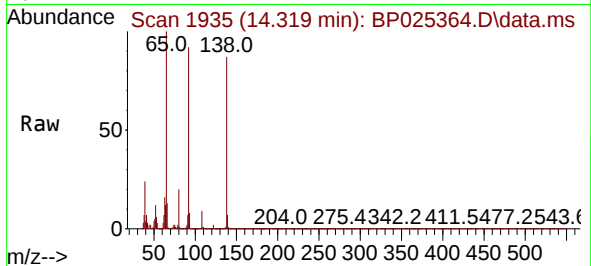




#53  
3-Nitroaniline  
Concen: 41.725 ng  
RT: 14.319 min Scan# 1935  
Delta R.T. 0.012 min  
Lab File: BP025364.D  
Acq: 12 Aug 2025 12:54

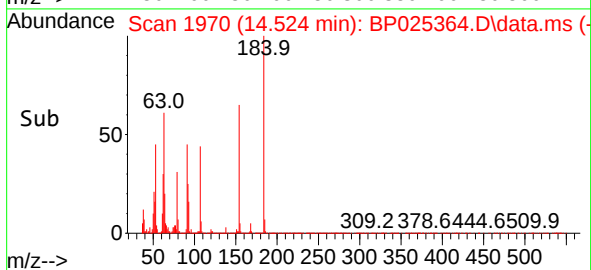
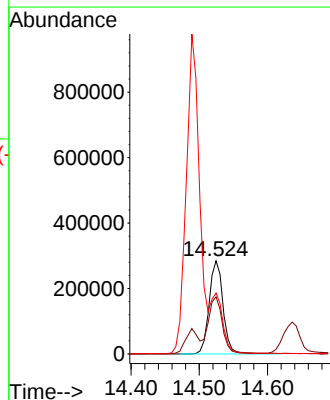
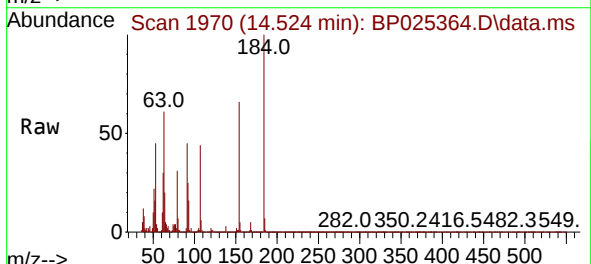
Instrument :  
BNA\_P  
ClientSampleId :  
PB169180BS

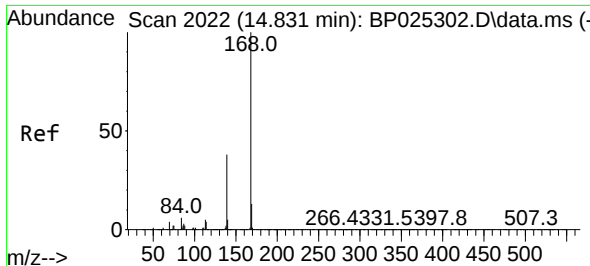
Tgt Ion:138 Resp: 332018  
Ion Ratio Lower Upper  
138 100  
108 10.2 10.5 15.7#  
92 105.3 90.9 136.3



#54  
2,4-Dinitrophenol  
Concen: 95.583 ng  
RT: 14.524 min Scan# 1970  
Delta R.T. 0.011 min  
Lab File: BP025364.D  
Acq: 12 Aug 2025 12:54

Tgt Ion:184 Resp: 406086  
Ion Ratio Lower Upper  
184 100  
63 61.4 56.3 84.5  
154 65.5 124.5 186.7#

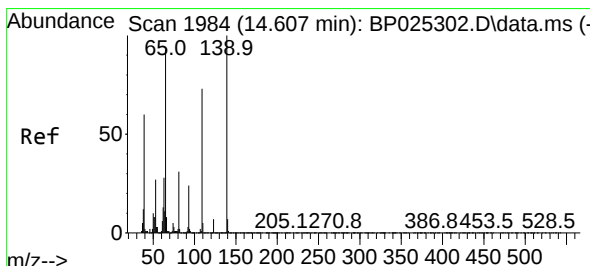
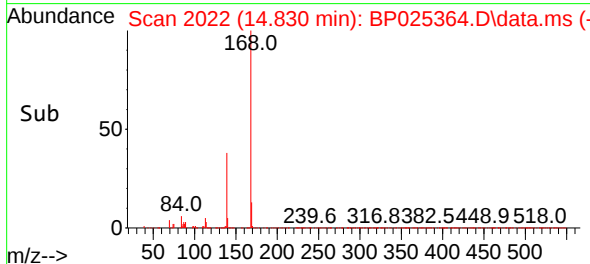
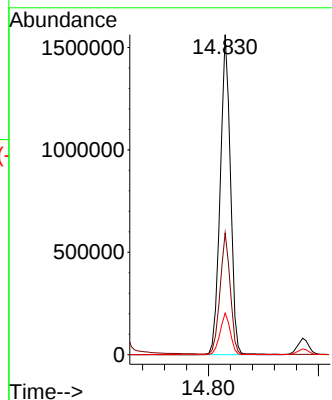
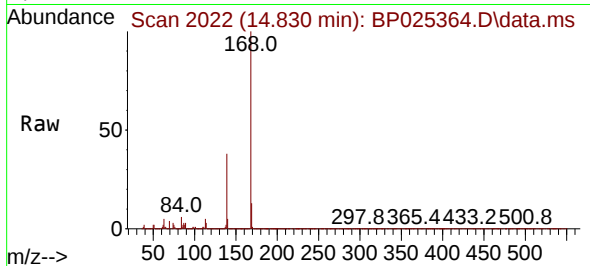




#55  
Dibenzenofuran  
Concen: 46.655 ng  
RT: 14.830 min Scan# 20  
Delta R.T. -0.001 min  
Lab File: BP025364.D  
Acq: 12 Aug 2025 12:54

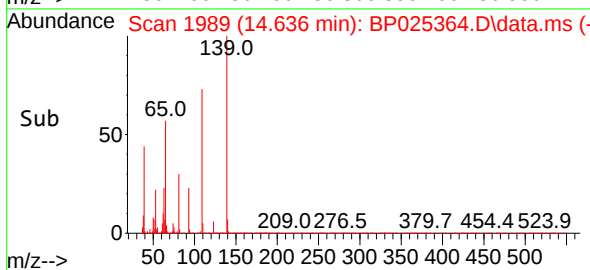
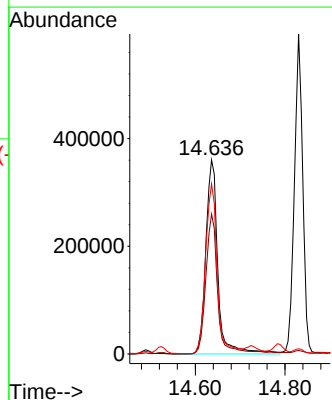
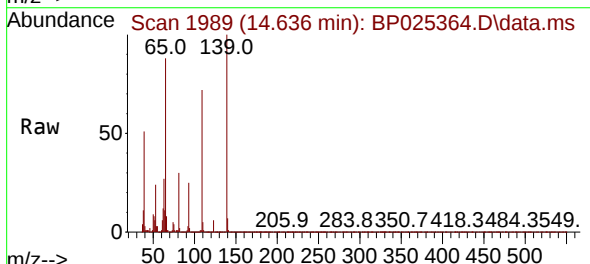
Instrument :  
BNA\_P  
ClientSampleId :  
PB169180BS

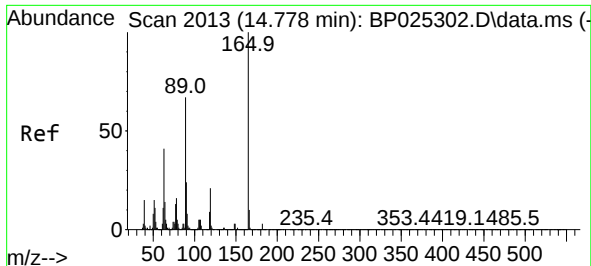
Tgt Ion:168 Resp: 2017038  
Ion Ratio Lower Upper  
168 100  
139 38.0 30.5 45.7  
169 13.0 10.6 15.8



#56  
4-Nitrophenol  
Concen: 95.675 ng  
RT: 14.636 min Scan# 1989  
Delta R.T. 0.029 min  
Lab File: BP025364.D  
Acq: 12 Aug 2025 12:54

Tgt Ion:139 Resp: 671899  
Ion Ratio Lower Upper  
139 100  
109 72.0 52.7 92.7  
65 87.7 73.4 113.4

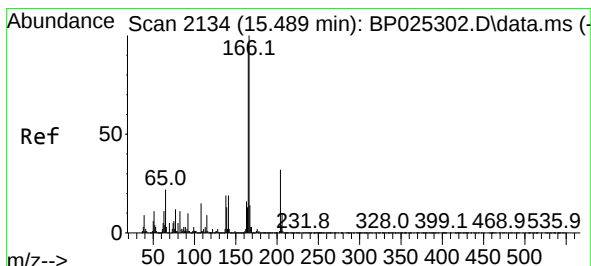
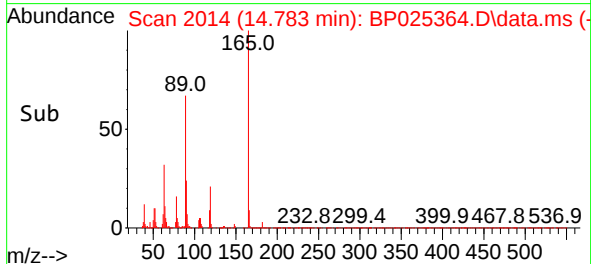
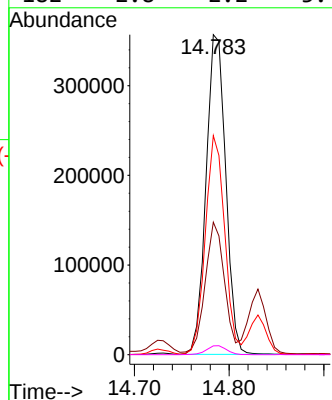
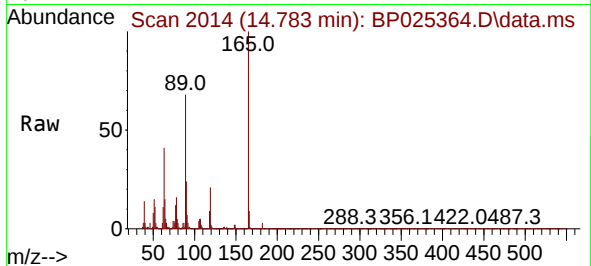




#57  
2,4-Dinitrotoluene  
Concen: 48.787 ng  
RT: 14.783 min Scan# 2014  
Delta R.T. 0.005 min  
Lab File: BP025364.D  
Acq: 12 Aug 2025 12:54

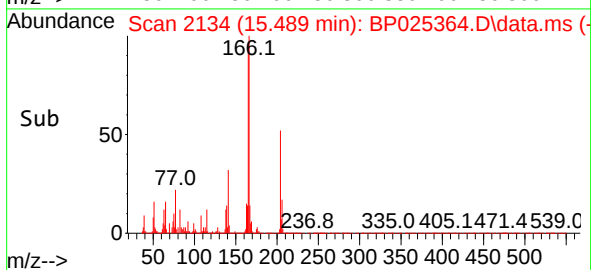
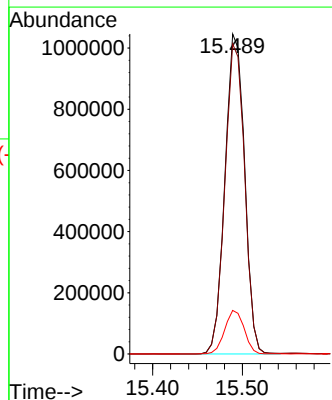
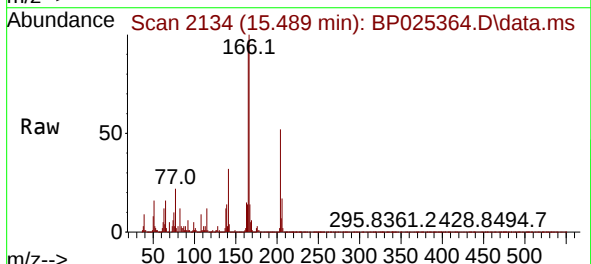
Instrument :  
BNA\_P  
ClientSampleId :  
PB169180BS

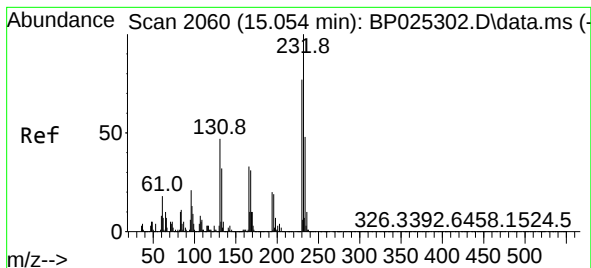
Tgt Ion:165 Resp: 514895  
Ion Ratio Lower Upper  
165 100  
63 41.4 33.2 49.8  
89 68.4 53.5 80.3  
182 2.8 2.2 3.4



#58  
Fluorene  
Concen: 46.857 ng  
RT: 15.489 min Scan# 2134  
Delta R.T. 0.000 min  
Lab File: BP025364.D  
Acq: 12 Aug 2025 12:54

Tgt Ion:166 Resp: 1591049  
Ion Ratio Lower Upper  
166 100  
165 96.9 76.7 115.1  
167 13.6 10.9 16.3

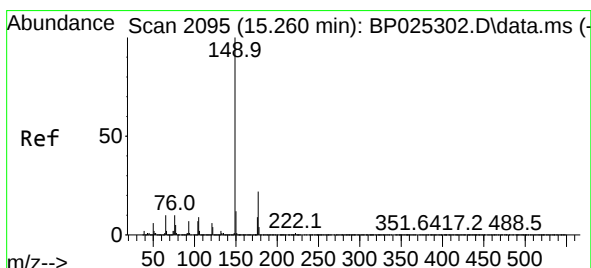
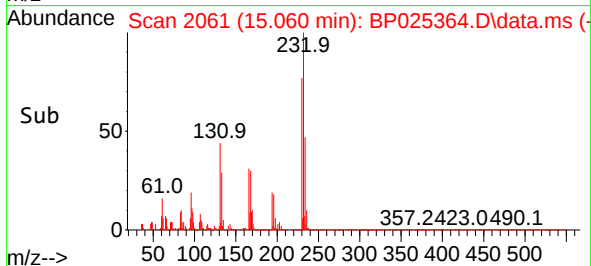
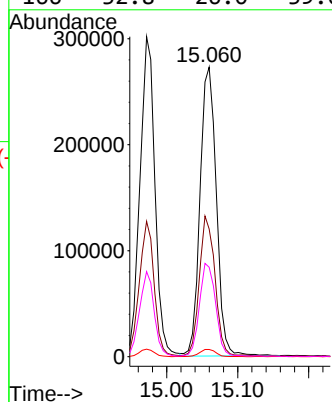
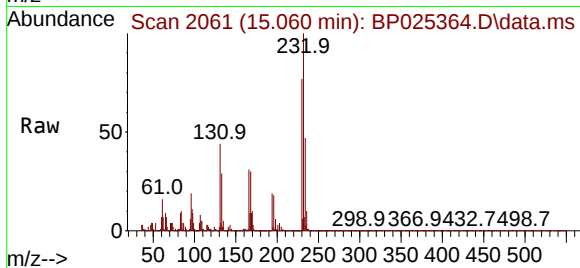




#59  
2,3,4,6-Tetrachlorophenol  
Concen: 52.182 ng  
RT: 15.060 min Scan# 2061  
Delta R.T. 0.006 min  
Lab File: BP025364.D  
Acq: 12 Aug 2025 12:54

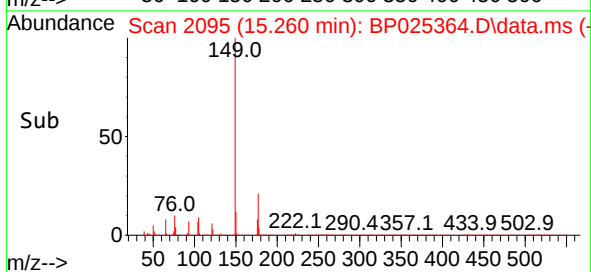
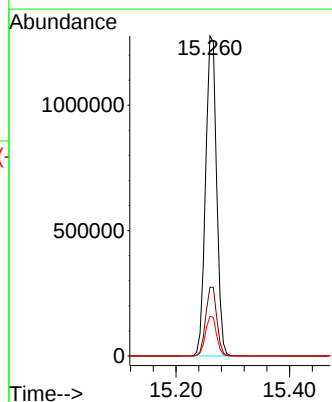
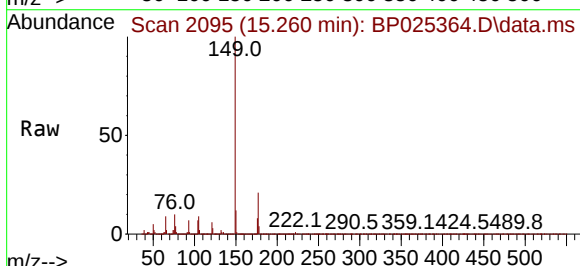
Instrument :  
BNA\_P  
ClientSampleId :  
PB169180BS

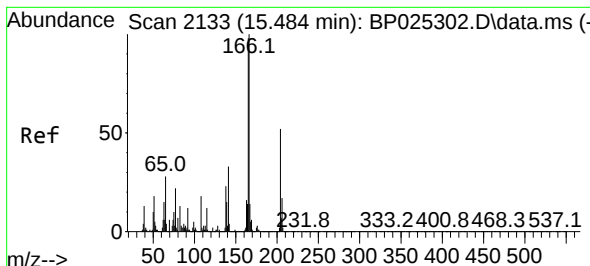
Tgt Ion:232 Resp: 436130  
Ion Ratio Lower Upper  
232 100  
131 46.8 39.3 58.9  
130 2.6 2.2 3.2  
166 32.8 26.0 39.0



#60  
Diethylphthalate  
Concen: 46.053 ng  
RT: 15.260 min Scan# 2095  
Delta R.T. -0.000 min  
Lab File: BP025364.D  
Acq: 12 Aug 2025 12:54

Tgt Ion:149 Resp: 1711712  
Ion Ratio Lower Upper  
149 100  
177 21.5 17.4 26.2  
150 12.4 9.8 14.8

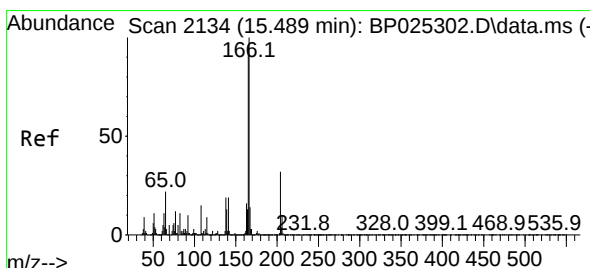
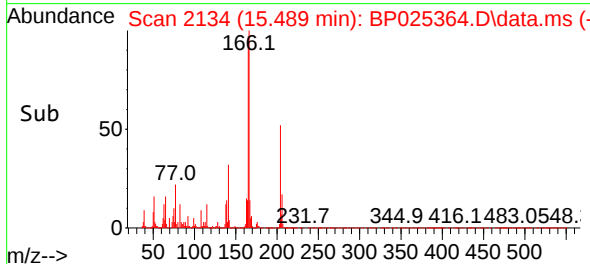
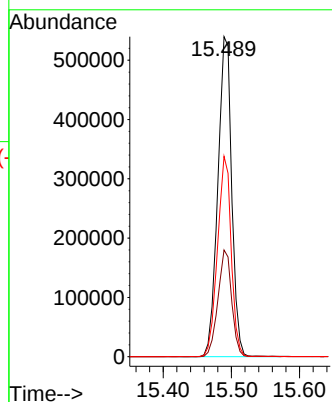
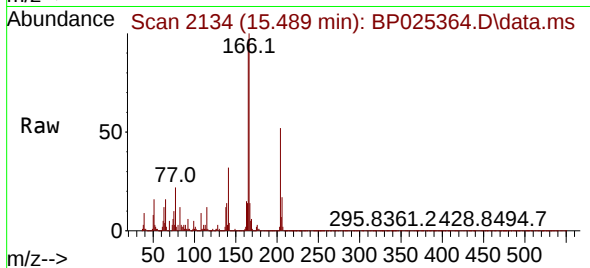




#61  
4-Chlorophenyl-phenylether  
Concen: 47.566 ng  
RT: 15.489 min Scan# 2134  
Delta R.T. 0.005 min  
Lab File: BP025364.D  
Acq: 12 Aug 2025 12:54

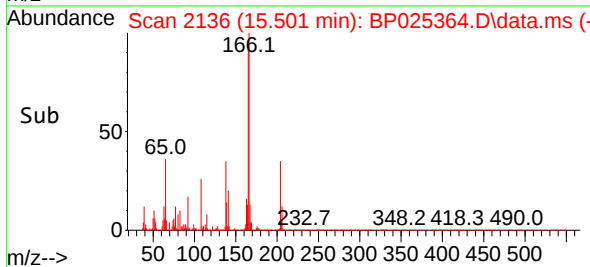
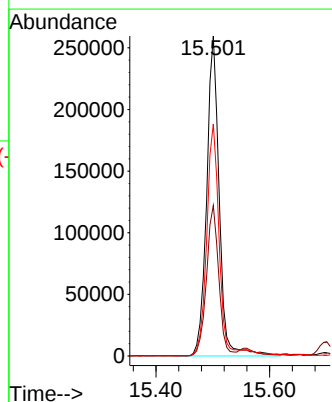
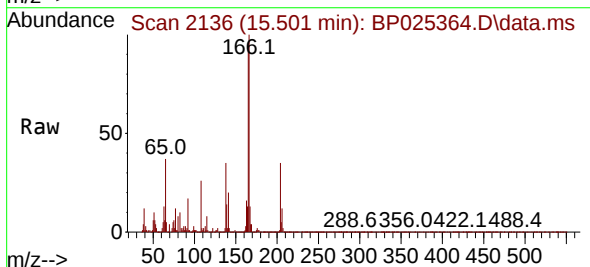
Instrument :  
BNA\_P  
ClientSampleId :  
PB169180BS

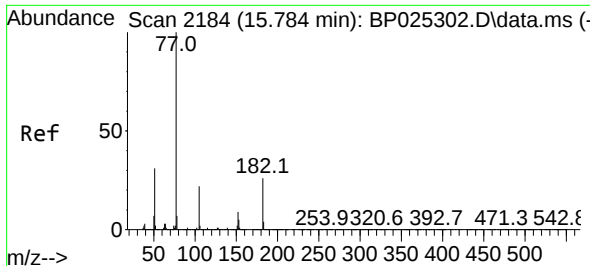
Tgt Ion:204 Resp: 765696  
Ion Ratio Lower Upper  
204 100  
206 33.3 27.0 40.4  
141 62.6 50.3 75.5



#62  
4-Nitroaniline  
Concen: 50.407 ng  
RT: 15.501 min Scan# 2136  
Delta R.T. 0.012 min  
Lab File: BP025364.D  
Acq: 12 Aug 2025 12:54

Tgt Ion:138 Resp: 397431  
Ion Ratio Lower Upper  
138 100  
92 47.0 29.8 69.8  
108 72.5 56.6 96.6

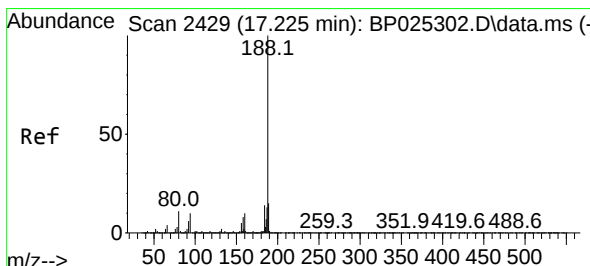
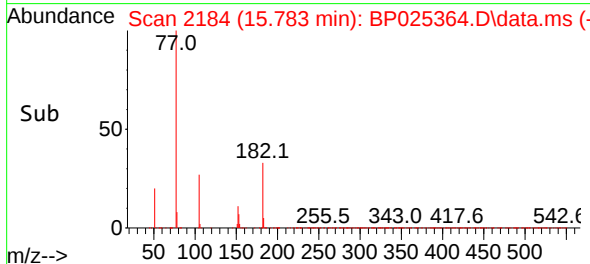
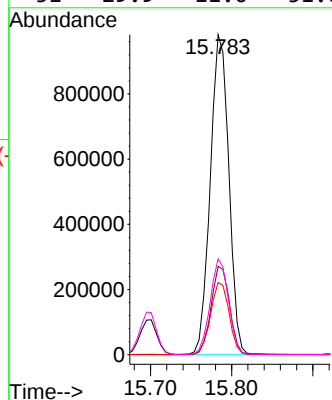
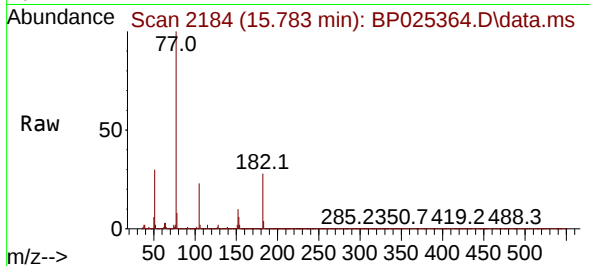




#63  
Azobenzene  
Concen: 44.998 ng  
RT: 15.783 min Scan# 2184  
Delta R.T. -0.001 min  
Lab File: BP025364.D  
Acq: 12 Aug 2025 12:54

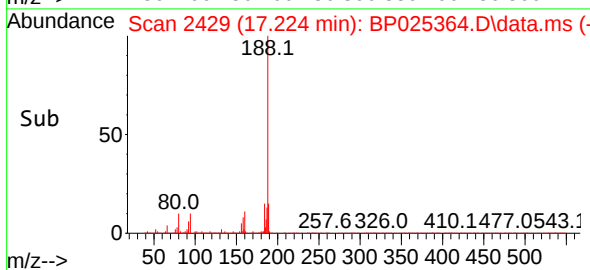
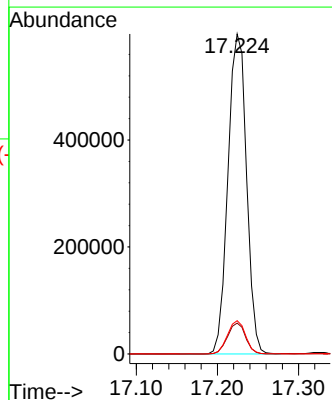
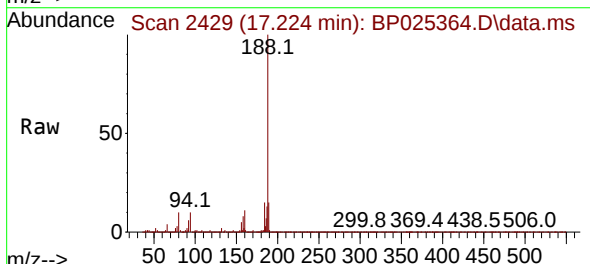
Instrument :  
BNA\_P  
ClientSampleId :  
PB169180BS

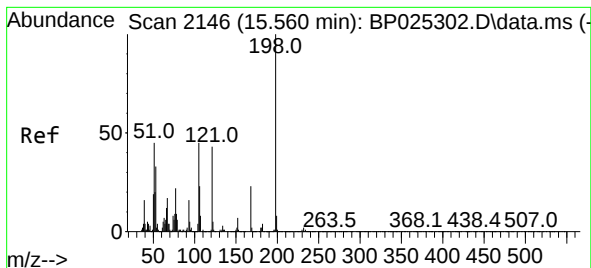
Tgt Ion: 77 Resp: 1553737  
Ion Ratio Lower Upper  
77 100  
182 27.6 6.0 46.0  
105 22.6 2.1 42.1  
51 29.9 11.0 51.0



#64  
Phenanthrene-d10  
Concen: 20.000 ng  
RT: 17.224 min Scan# 2429  
Delta R.T. -0.001 min  
Lab File: BP025364.D  
Acq: 12 Aug 2025 12:54

Tgt Ion:188 Resp: 949767  
Ion Ratio Lower Upper  
188 100  
94 9.6 8.0 12.0  
80 10.4 8.5 12.7

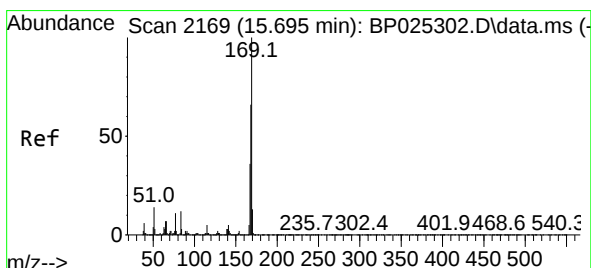
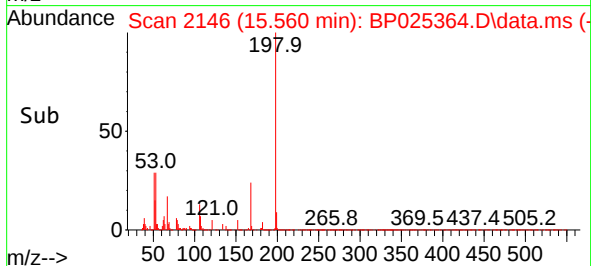
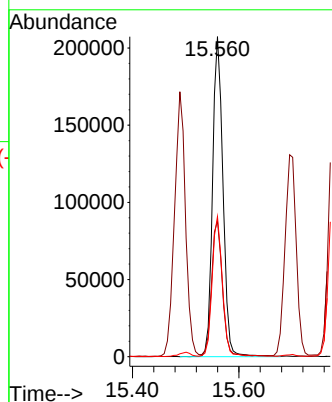
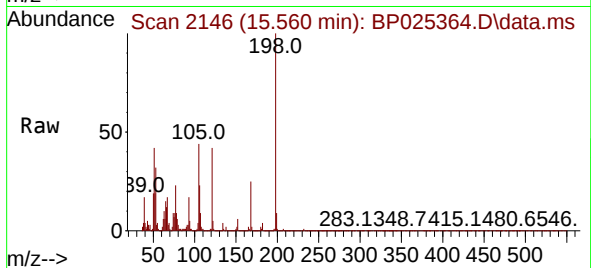




#65  
4,6-Dinitro-2-methylphenol  
Concen: 60.852 ng  
RT: 15.560 min Scan# 2146  
Delta R.T. -0.000 min  
Lab File: BP025364.D  
Acq: 12 Aug 2025 12:54

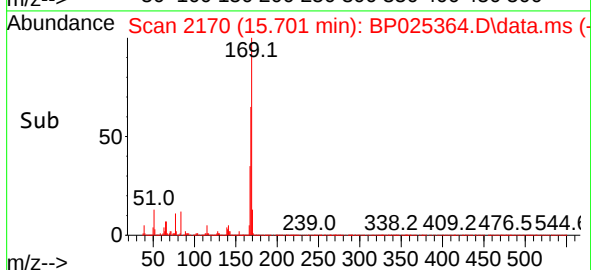
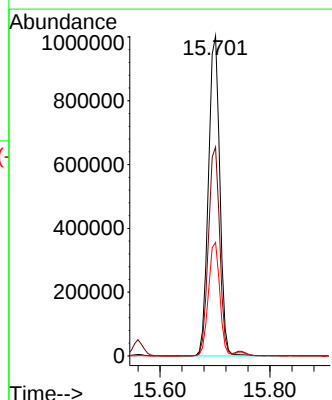
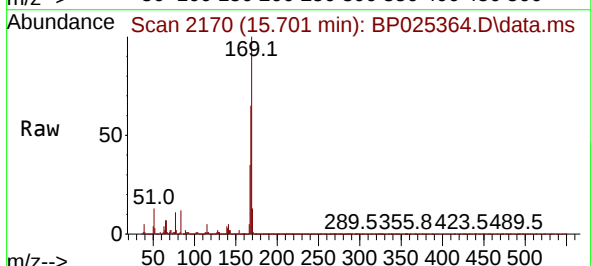
Instrument :  
BNA\_P  
ClientSampleId :  
PB169180BS

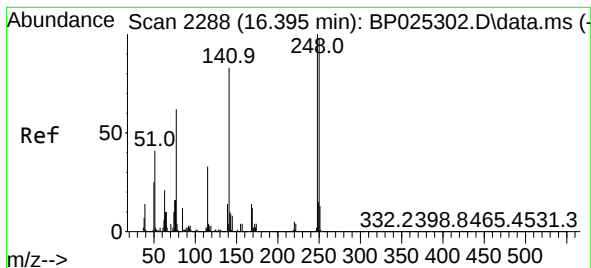
Tgt Ion:198 Resp: 281469  
Ion Ratio Lower Upper  
198 100  
51 42.4 26.7 66.7  
105 43.8 25.6 65.6



#66  
n-Nitrosodiphenylamine  
Concen: 49.692 ng  
RT: 15.701 min Scan# 2170  
Delta R.T. 0.006 min  
Lab File: BP025364.D  
Acq: 12 Aug 2025 12:54

Tgt Ion:169 Resp: 1437032  
Ion Ratio Lower Upper  
169 100  
168 65.3 52.8 79.2  
167 35.4 28.5 42.7

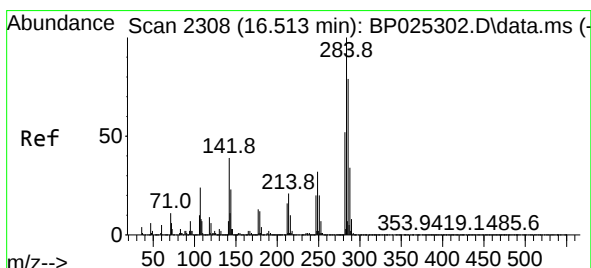
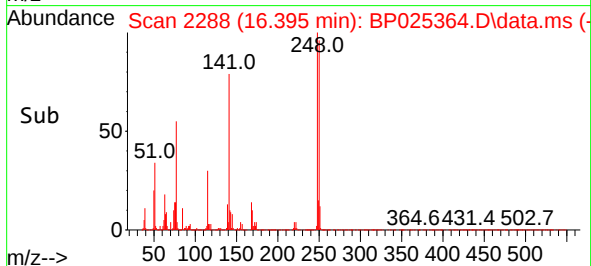
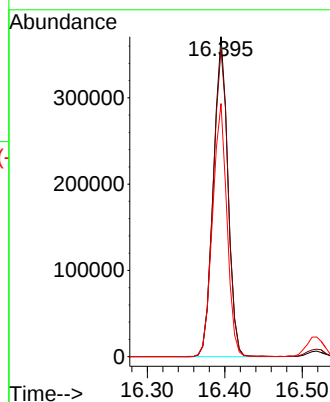
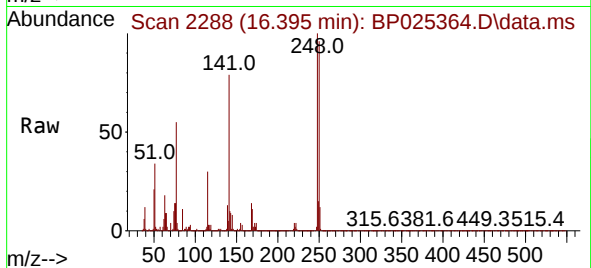




#67  
4-Bromophenyl-phenylether  
Concen: 50.620 ng  
RT: 16.395 min Scan# 21  
Delta R.T. -0.000 min  
Lab File: BP025364.D  
Acq: 12 Aug 2025 12:54

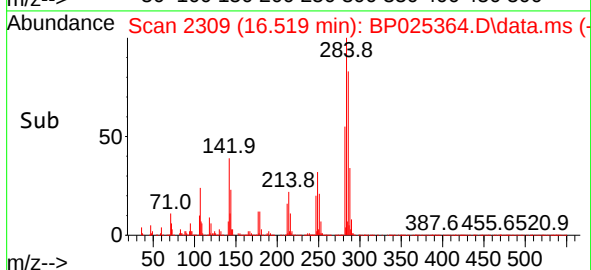
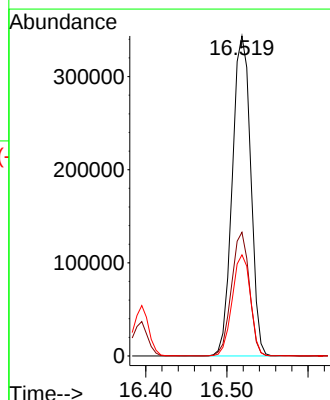
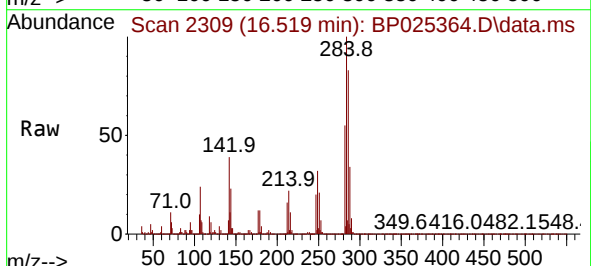
Instrument :  
BNA\_P  
ClientSampleId :  
PB169180BS

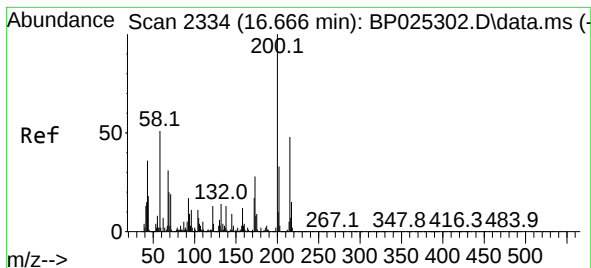
Tgt Ion:248 Resp: 483741  
Ion Ratio Lower Upper  
248 100  
250 96.1 78.6 117.8  
141 79.1 66.6 99.8



#68  
Hexachlorobenzene  
Concen: 50.378 ng  
RT: 16.519 min Scan# 2309  
Delta R.T. 0.005 min  
Lab File: BP025364.D  
Acq: 12 Aug 2025 12:54

Tgt Ion:284 Resp: 540187  
Ion Ratio Lower Upper  
284 100  
142 38.6 30.8 46.2  
249 31.6 25.4 38.0





#69

Atrazine

Concen: 49.491 ng

RT: 16.677 min Scan# 21

Delta R.T. 0.011 min

Lab File: BP025364.D

Acq: 12 Aug 2025 12:54

Instrument :

BNA\_P

ClientSampleId :

PB169180BS

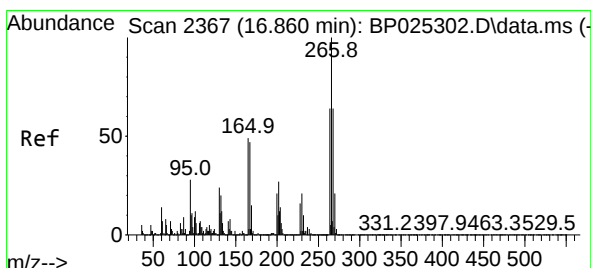
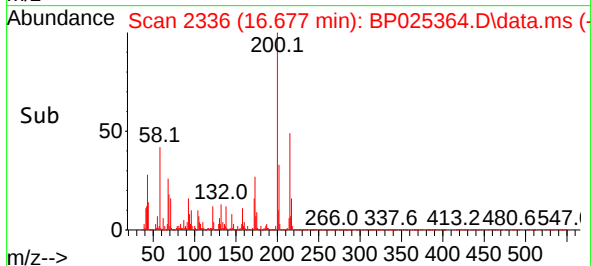
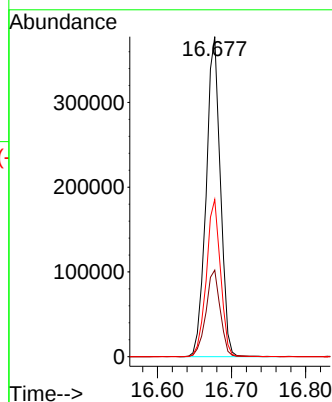
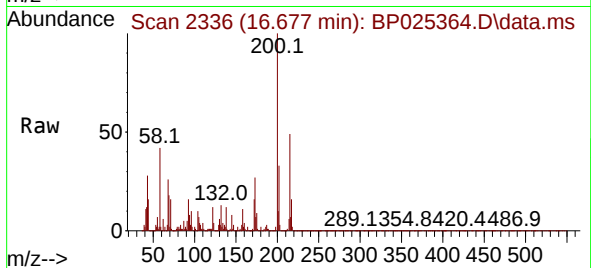
Tgt Ion:200 Resp: 503317

Ion Ratio Lower Upper

200 100

173 27.0 8.2 48.2

215 49.1 28.1 68.1



#70

Pentachlorophenol

Concen: 107.057 ng

RT: 16.871 min Scan# 2369

Delta R.T. 0.011 min

Lab File: BP025364.D

Acq: 12 Aug 2025 12:54

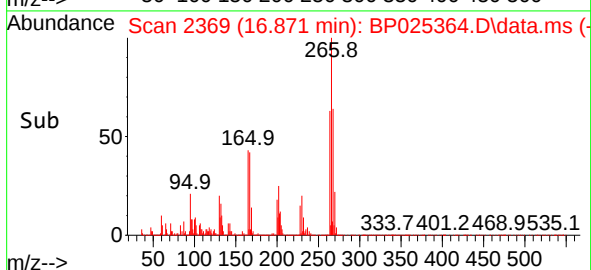
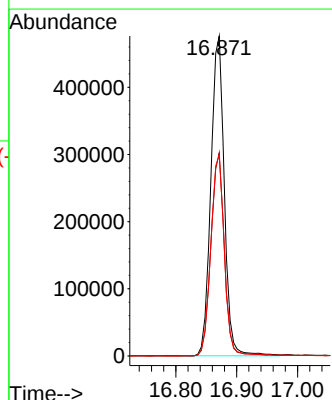
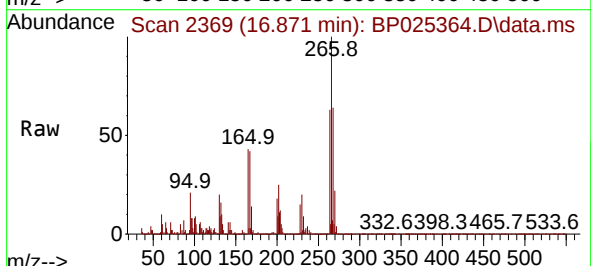
Tgt Ion:266 Resp: 731365

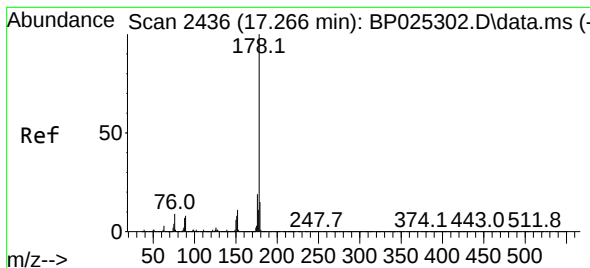
Ion Ratio Lower Upper

266 100

268 63.5 51.4 77.0

264 62.8 51.1 76.7





#71

Phenanthrene

Concen: 47.919 ng

RT: 17.266 min Scan# 2436

Delta R.T. -0.000 min

Lab File: BP025364.D

Acq: 12 Aug 2025 12:54

Instrument :

BNA\_P

ClientSampleId :

PB169180BS

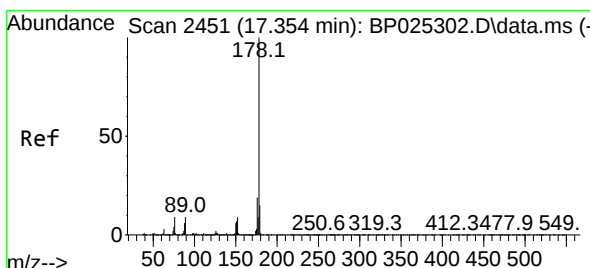
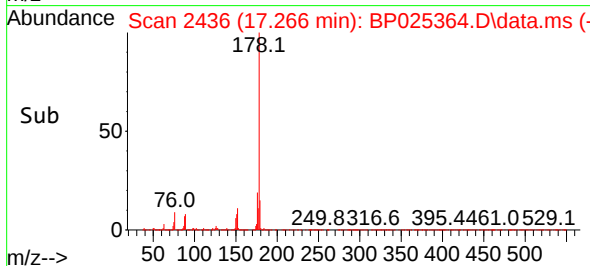
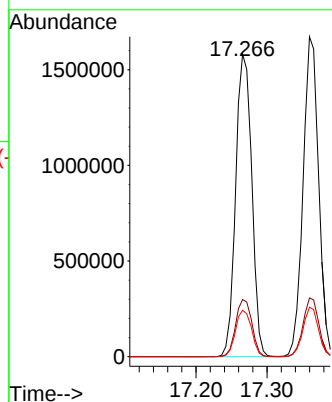
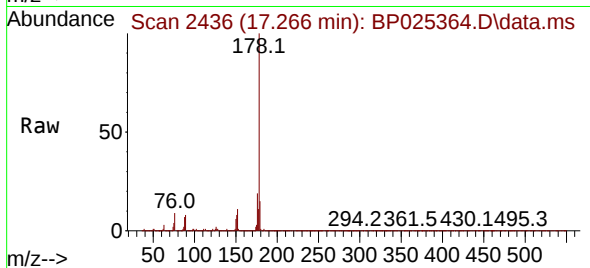
Tgt Ion:178 Resp: 2492763

Ion Ratio Lower Upper

178 100

176 18.9 15.3 22.9

179 15.3 12.1 18.1



#72

Anthracene

Concen: 48.465 ng

RT: 17.360 min Scan# 2452

Delta R.T. 0.006 min

Lab File: BP025364.D

Acq: 12 Aug 2025 12:54

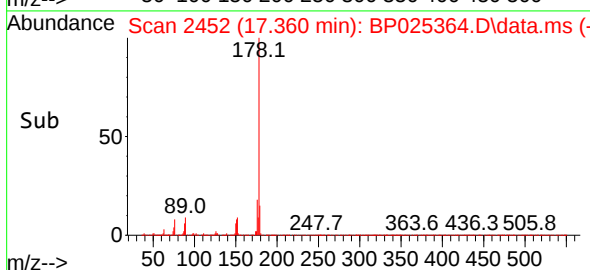
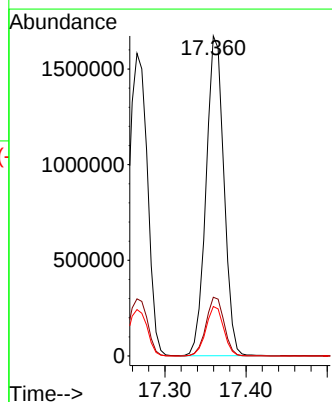
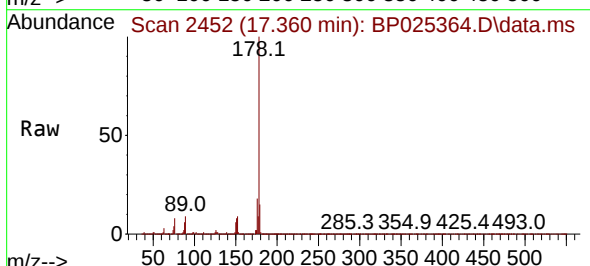
Tgt Ion:178 Resp: 2542052

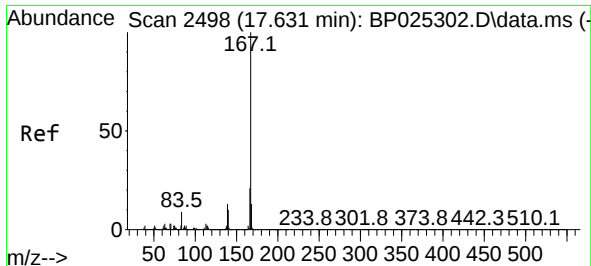
Ion Ratio Lower Upper

178 100

176 18.4 14.8 22.2

179 15.5 12.3 18.5

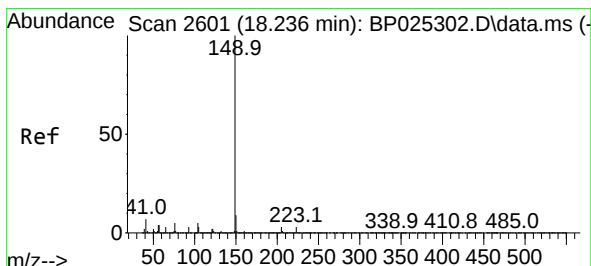
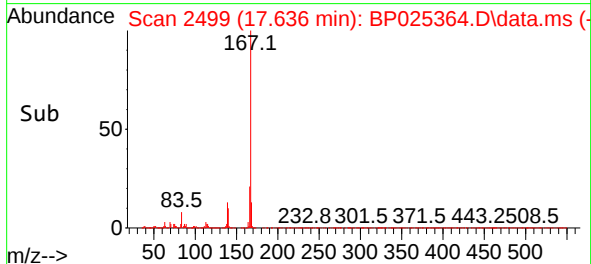
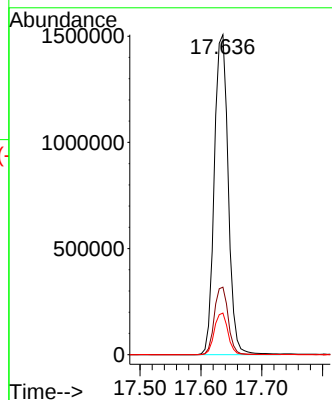
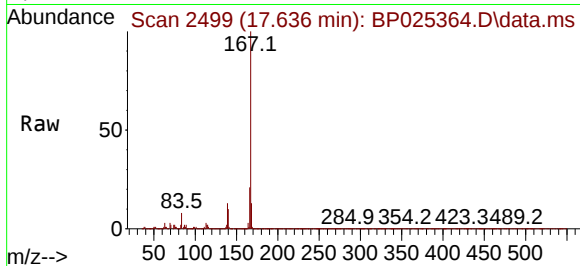




#73  
 Carbazole  
 Concen: 47.429 ng  
 RT: 17.636 min Scan# 2498  
 Delta R.T. 0.005 min  
 Lab File: BP025364.D  
 Acq: 12 Aug 2025 12:54

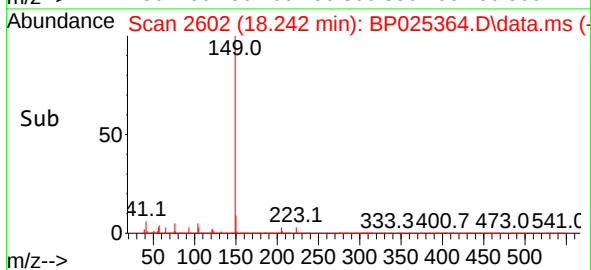
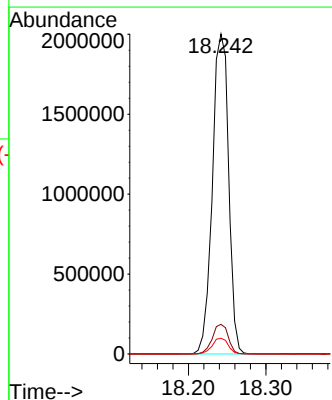
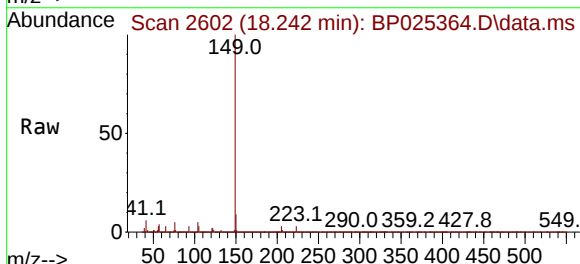
Instrument :  
 BNA\_P  
 ClientSampleId :  
 PB169180BS

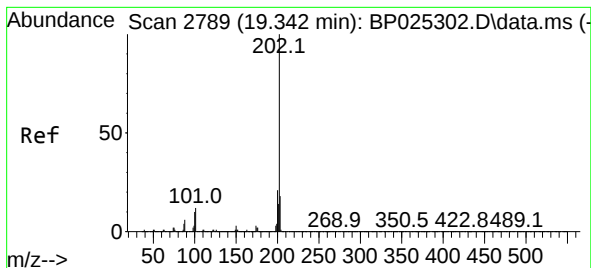
Tgt Ion:167 Resp: 2388003  
 Ion Ratio Lower Upper  
 167 100  
 166 21.1 17.0 25.6  
 139 13.0 10.6 16.0



#74  
 Di-n-butylphthalate  
 Concen: 47.819 ng  
 RT: 18.242 min Scan# 2602  
 Delta R.T. 0.006 min  
 Lab File: BP025364.D  
 Acq: 12 Aug 2025 12:54

Tgt Ion:149 Resp: 2912732  
 Ion Ratio Lower Upper  
 149 100  
 150 9.2 7.5 11.3  
 104 4.9 4.1 6.1

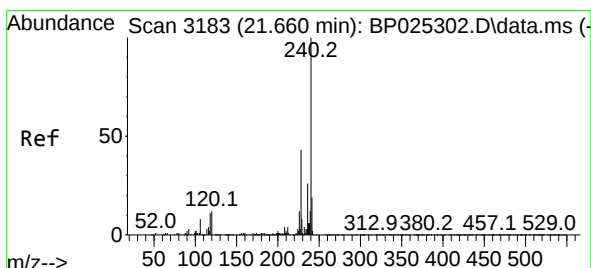
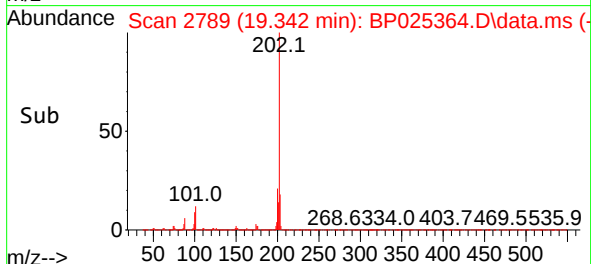
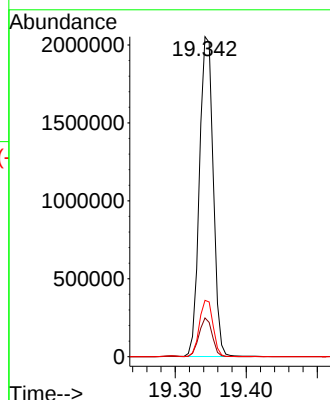
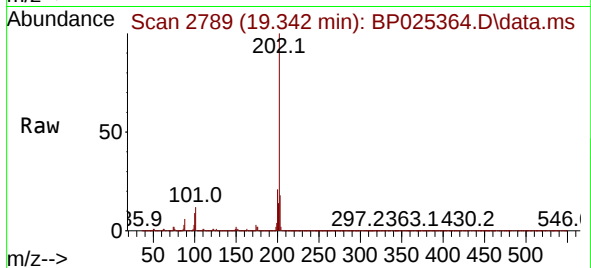




#75  
Fluoranthene  
Concen: 46.148 ng  
RT: 19.342 min Scan# 21  
Delta R.T. -0.000 min  
Lab File: BP025364.D  
Acq: 12 Aug 2025 12:54

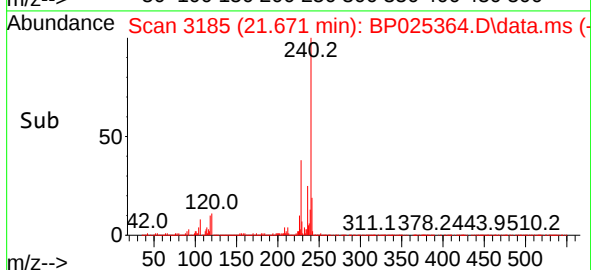
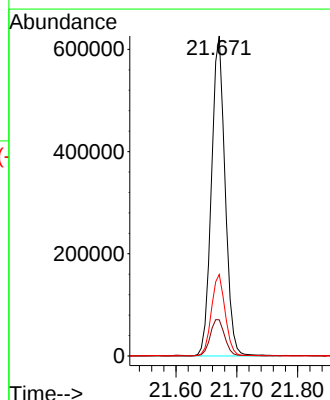
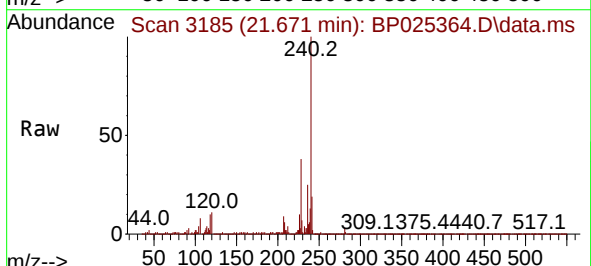
Instrument :  
BNA\_P  
ClientSampleId :  
PB169180BS

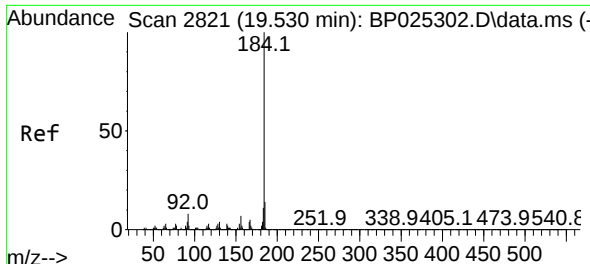
Tgt Ion:202 Resp: 2779037  
Ion Ratio Lower Upper  
202 100  
101 12.1 0.0 32.5  
203 17.6 0.0 37.6



#76  
Chrysene-d12  
Concen: 20.000 ng  
RT: 21.671 min Scan# 3185  
Delta R.T. 0.011 min  
Lab File: BP025364.D  
Acq: 12 Aug 2025 12:54

Tgt Ion:240 Resp: 975809  
Ion Ratio Lower Upper  
240 100  
120 11.3 9.6 14.4  
236 25.5 20.4 30.6

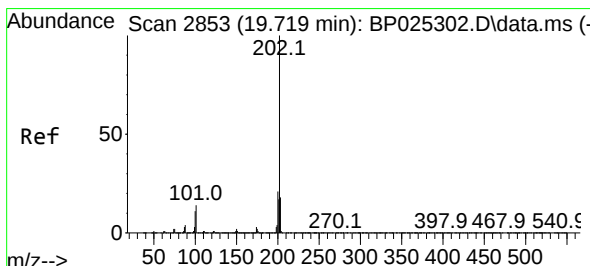
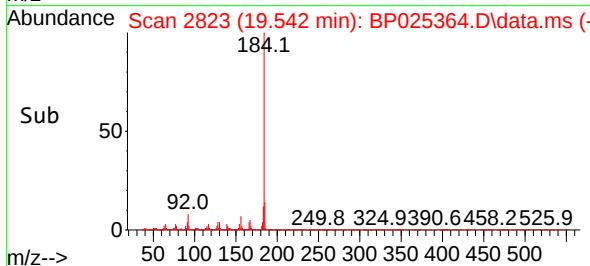
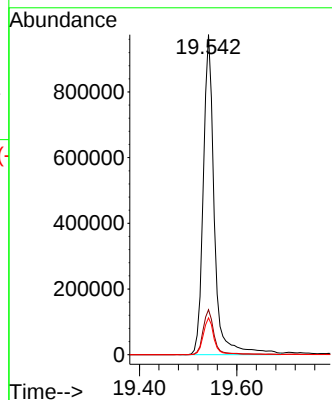
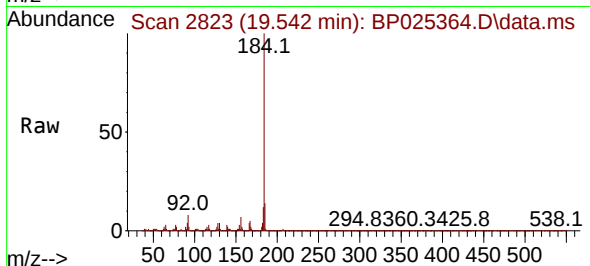




#77  
Benzidine  
Concen: 43.471 ng  
RT: 19.542 min Scan# 2821  
Delta R.T. 0.012 min  
Lab File: BP025364.D  
Acq: 12 Aug 2025 12:54

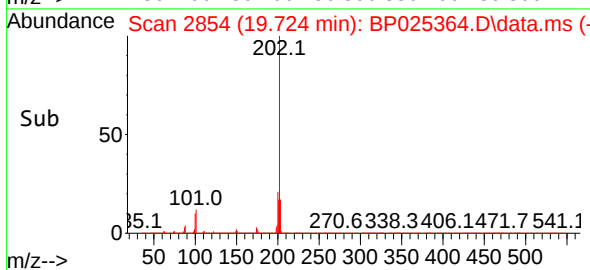
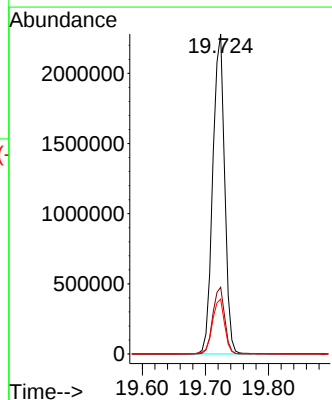
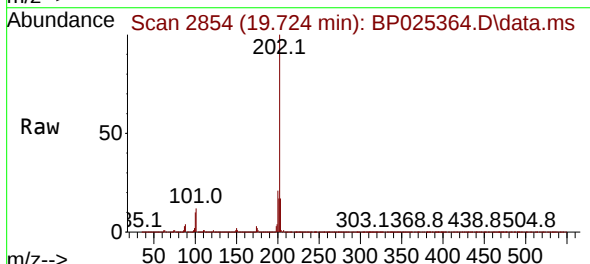
Instrument :  
BNA\_P  
ClientSampleId :  
PB169180BS

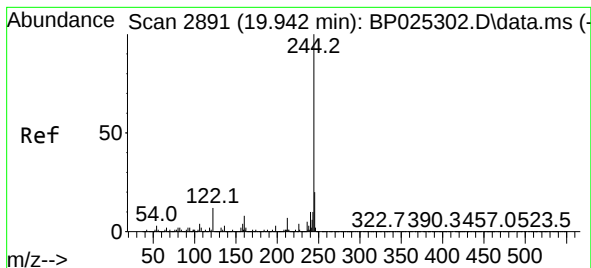
Tgt Ion:184 Resp: 1535351  
Ion Ratio Lower Upper  
184 100  
185 14.1 11.0 16.6  
183 11.5 9.2 13.8



#78  
Pyrene  
Concen: 45.808 ng  
RT: 19.724 min Scan# 2854  
Delta R.T. 0.005 min  
Lab File: BP025364.D  
Acq: 12 Aug 2025 12:54

Tgt Ion:202 Resp: 2972439  
Ion Ratio Lower Upper  
202 100  
200 20.9 16.7 25.1  
203 17.2 14.1 21.1





#79

Terphenyl-d14

Concen: 80.434 ng

RT: 19.948 min Scan# 2891

Delta R.T. 0.006 min

Lab File: BP025364.D

Acq: 12 Aug 2025 12:54

Instrument :

BNA\_P

ClientSampleId :

PB169180BS

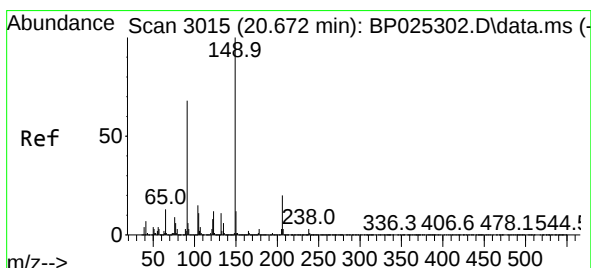
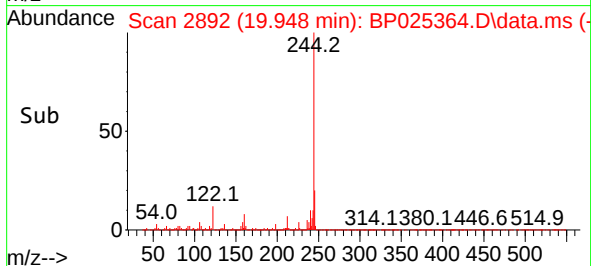
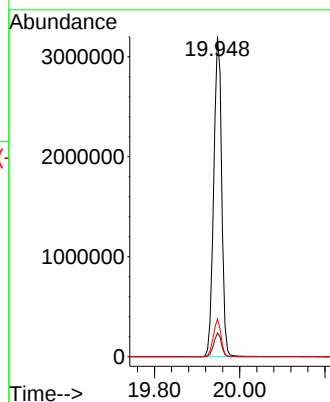
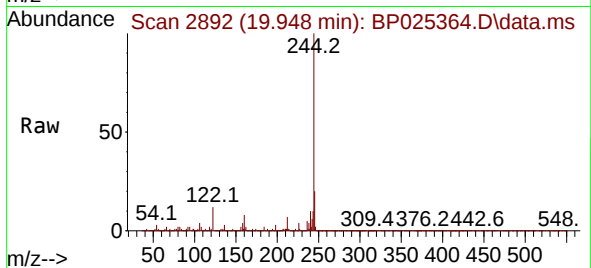
Tgt Ion:244 Resp: 4155480

Ion Ratio Lower Upper

244 100

212 7.4 5.9 8.9

122 11.8 9.5 14.3



#80

Butylbenzylphthalate

Concen: 54.253 ng

RT: 20.677 min Scan# 3016

Delta R.T. 0.005 min

Lab File: BP025364.D

Acq: 12 Aug 2025 12:54

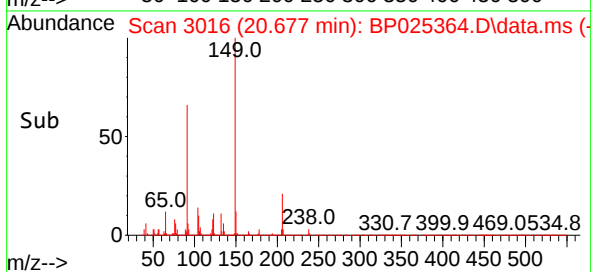
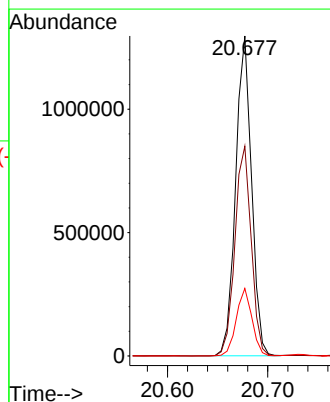
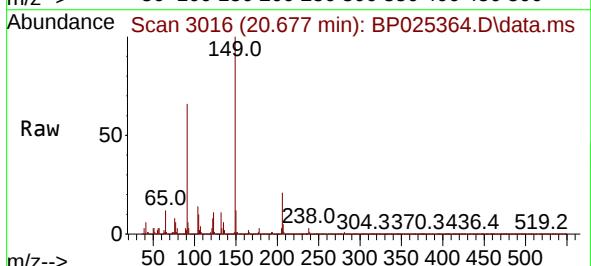
Tgt Ion:149 Resp: 1427772

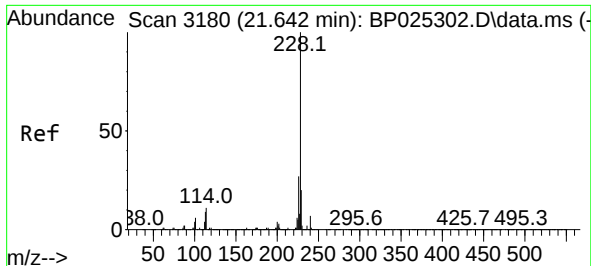
Ion Ratio Lower Upper

149 100

91 65.6 54.7 82.1

206 21.1 16.4 24.6

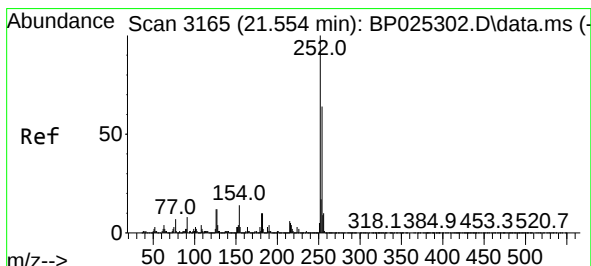
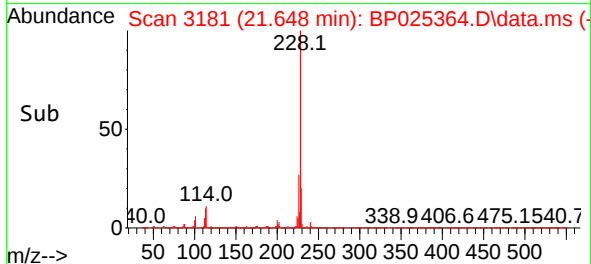
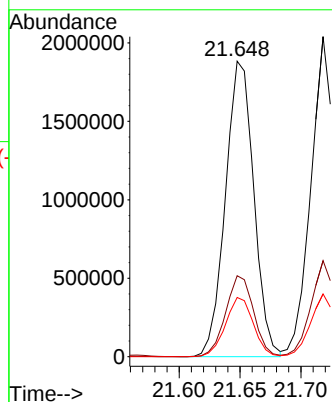
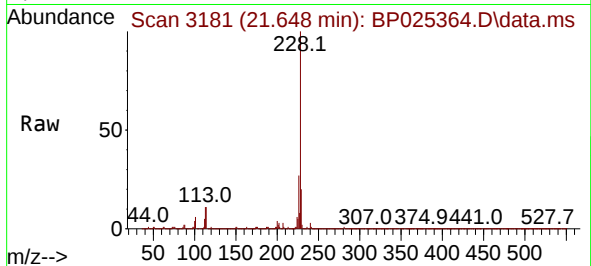




#81  
Benzo(a)anthracene  
Concen: 47.110 ng  
RT: 21.648 min Scan# 3180  
Delta R.T. 0.006 min  
Lab File: BP025364.D  
Acq: 12 Aug 2025 12:54

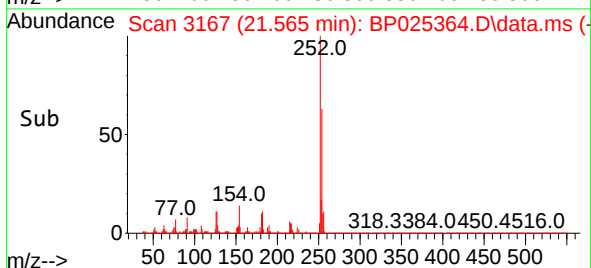
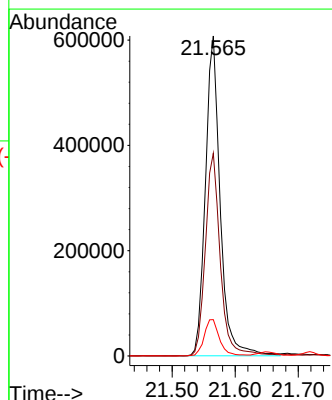
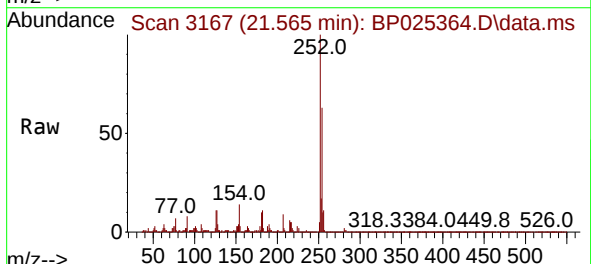
Instrument :  
BNA\_P  
ClientSampleId :  
PB169180BS

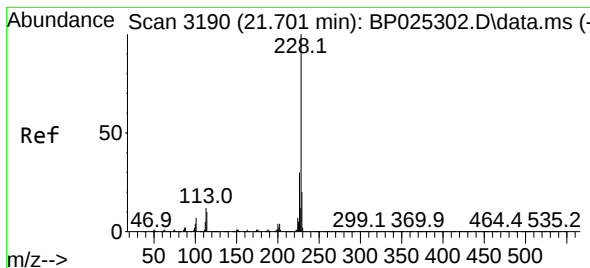
Tgt Ion:228 Resp: 3054869  
Ion Ratio Lower Upper  
228 100  
226 27.4 21.8 32.8  
229 20.0 16.0 24.0



#82  
3,3'-Dichlorobenzidine  
Concen: 43.316 ng  
RT: 21.565 min Scan# 3167  
Delta R.T. 0.011 min  
Lab File: BP025364.D  
Acq: 12 Aug 2025 12:54

Tgt Ion:252 Resp: 991014  
Ion Ratio Lower Upper  
252 100  
254 63.3 51.0 76.6  
126 11.4 9.4 14.2





#83

Chrysene

Concen: 48.218 ng

RT: 21.718 min Scan# 3193

Delta R.T. 0.017 min

Lab File: BP025364.D

Acq: 12 Aug 2025 12:54

Instrument :

BNA\_P

ClientSampleId :

PB169180BS

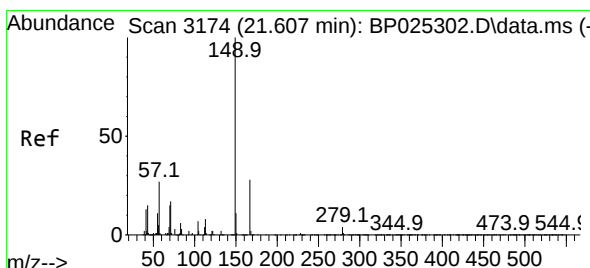
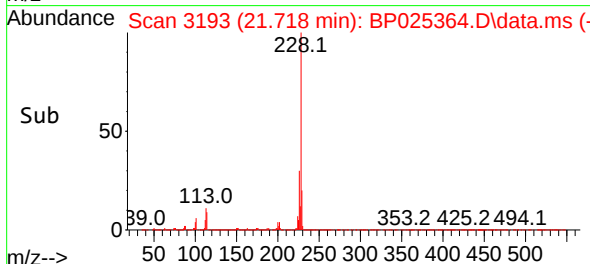
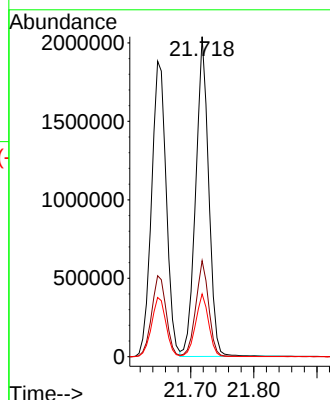
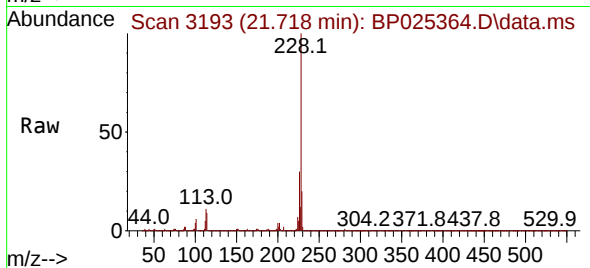
Tgt Ion:228 Resp: 2900036

Ion Ratio Lower Upper

228 100

226 30.0 24.3 36.5

229 19.6 15.9 23.9



#84

Bis(2-ethylhexyl)phthalate

Concen: 52.236 ng

RT: 21.606 min Scan# 3174

Delta R.T. -0.001 min

Lab File: BP025364.D

Acq: 12 Aug 2025 12:54

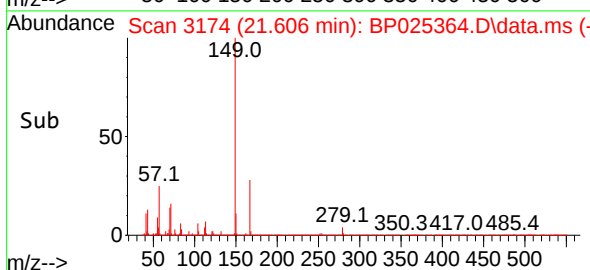
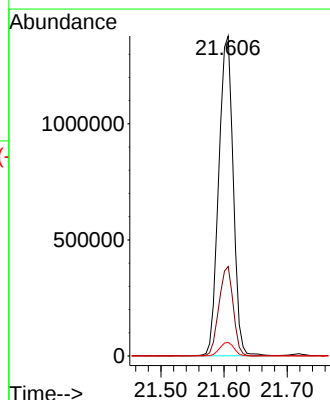
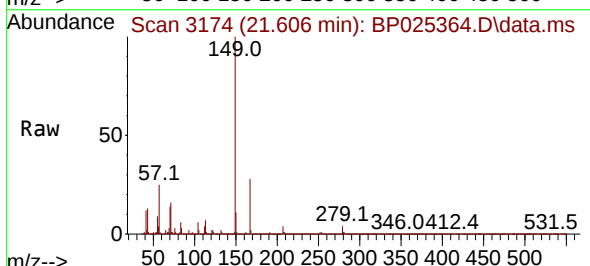
Tgt Ion:149 Resp: 2195038

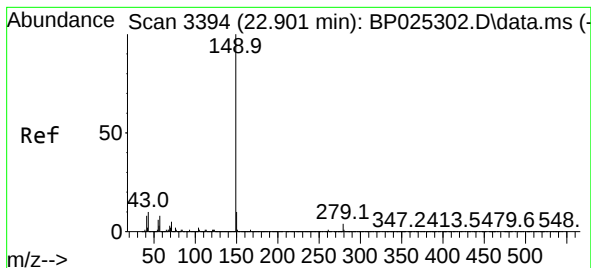
Ion Ratio Lower Upper

149 100

167 27.9 22.1 33.1

279 4.3 3.4 5.2





#85

Di-n-octyl phthalate

Concen: 57.637 ng

RT: 22.906 min Scan# 31

Delta R.T. 0.005 min

Lab File: BP025364.D

Acq: 12 Aug 2025 12:54

Instrument :

BNA\_P

ClientSampleId :

PB169180BS

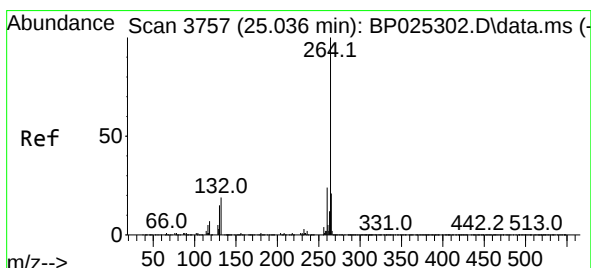
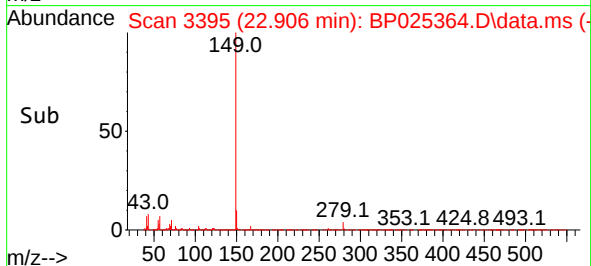
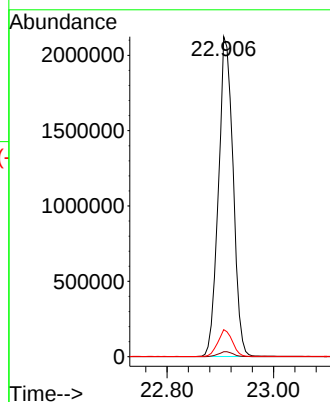
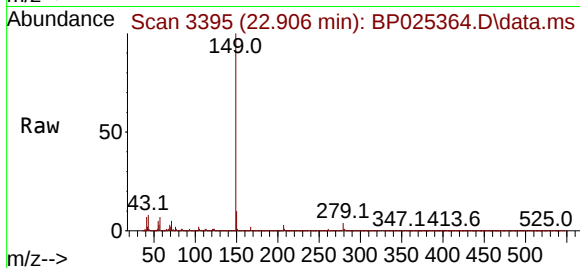
Tgt Ion:149 Resp: 4054035

Ion Ratio Lower Upper

149 100

167 1.6 1.3 1.9

43 8.2 7.9 11.9



#86

Perylene-d12

Concen: 20.000 ng

RT: 25.059 min Scan# 3761

Delta R.T. 0.023 min

Lab File: BP025364.D

Acq: 12 Aug 2025 12:54

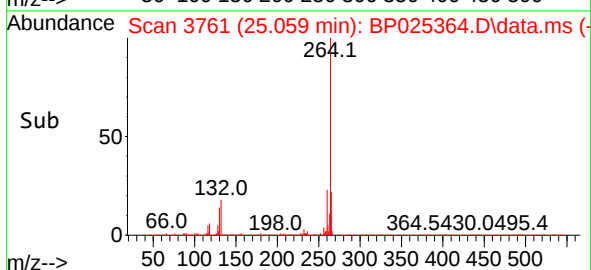
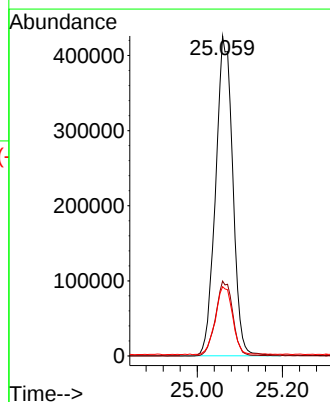
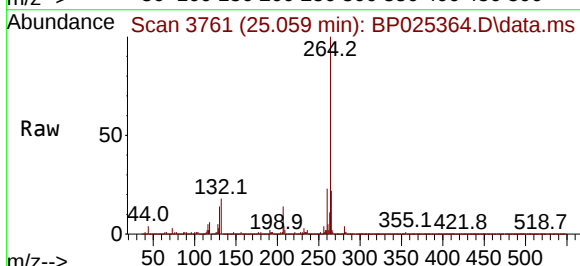
Tgt Ion:264 Resp: 1187024

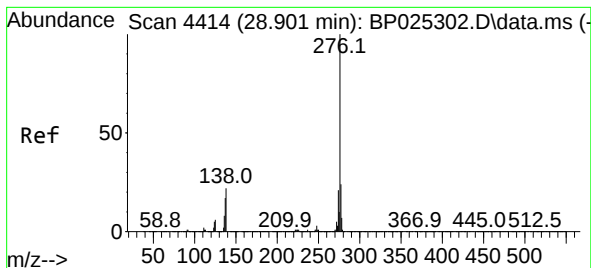
Ion Ratio Lower Upper

264 100

260 23.4 19.2 28.8

265 21.7 17.1 25.7





#87

Indeno(1,2,3-cd)pyrene

Concen: 48.884 ng

RT: 28.930 min Scan# 4414

Delta R.T. 0.029 min

Lab File: BP025364.D

Acq: 12 Aug 2025 12:54

Instrument :

BNA\_P

ClientSampleId :

PB169180BS

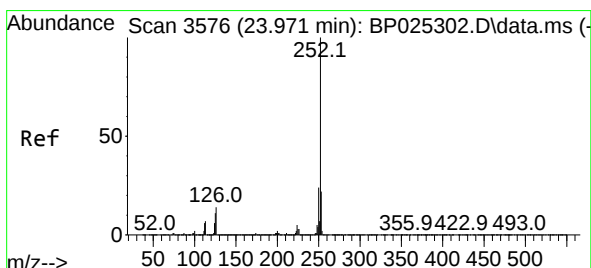
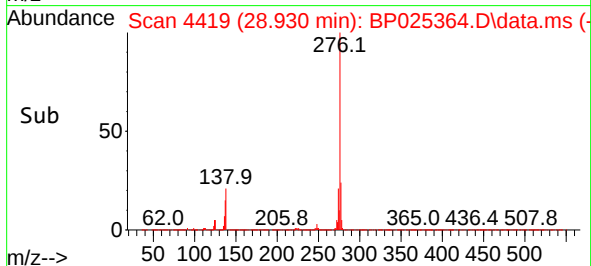
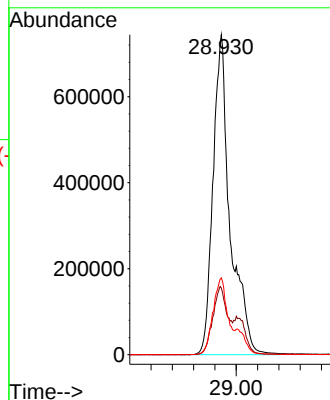
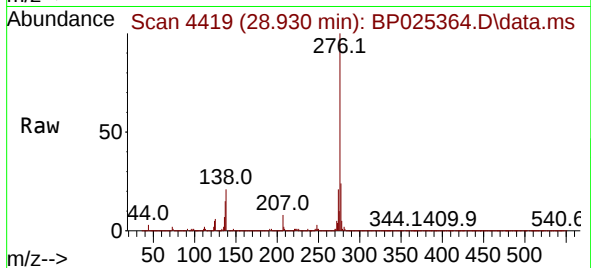
Tgt Ion:276 Resp: 4159070

Ion Ratio Lower Upper

276 100

138 18.4 14.6 22.0

277 20.8 16.8 25.2



#88

Benzo(b)fluoranthene

Concen: 46.512 ng

RT: 24.000 min Scan# 3581

Delta R.T. 0.029 min

Lab File: BP025364.D

Acq: 12 Aug 2025 12:54

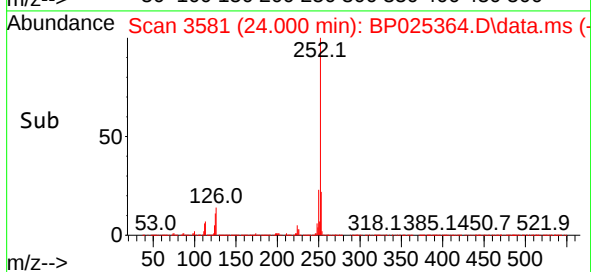
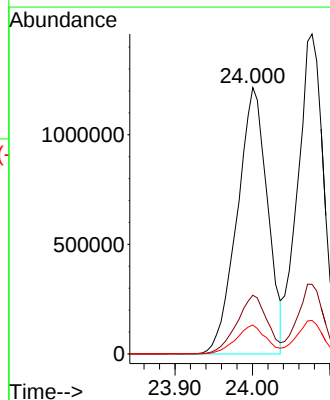
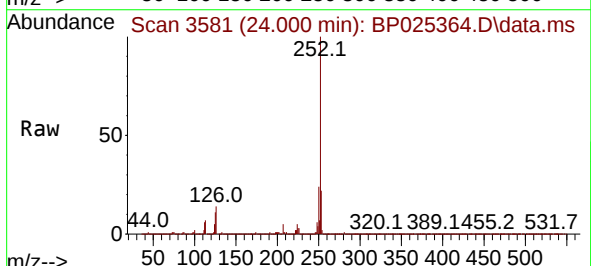
Tgt Ion:252 Resp: 3305010

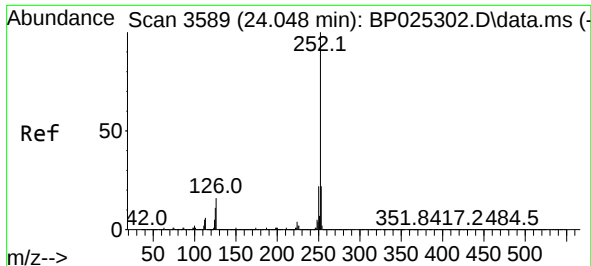
Ion Ratio Lower Upper

252 100

253 22.0 17.5 26.3

125 10.9 8.5 12.7

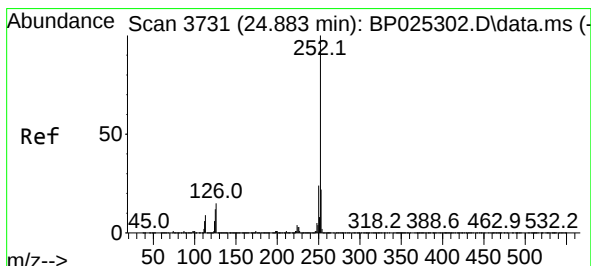
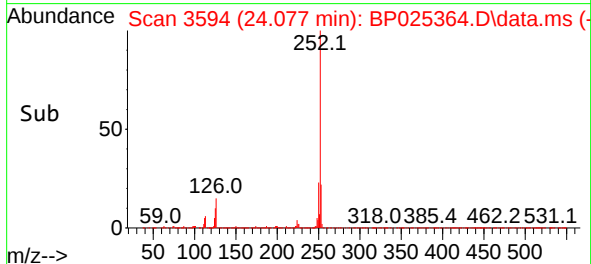
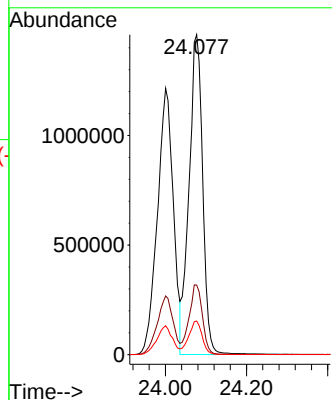
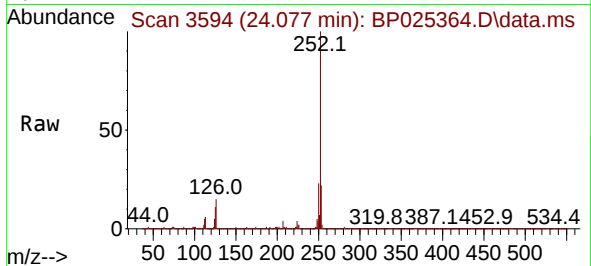




#89  
Benzo(k)fluoranthene  
Concen: 48.250 ng  
RT: 24.077 min Scan# 31  
Delta R.T. 0.029 min  
Lab File: BP025364.D  
Acq: 12 Aug 2025 12:54

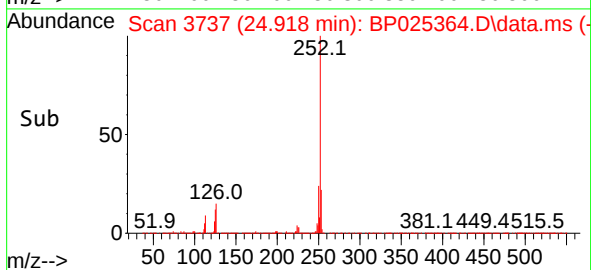
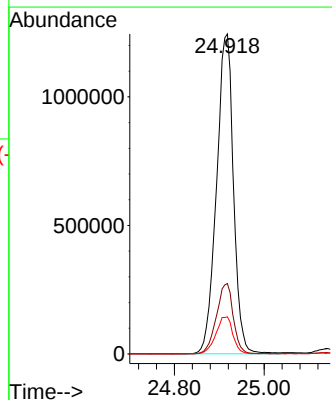
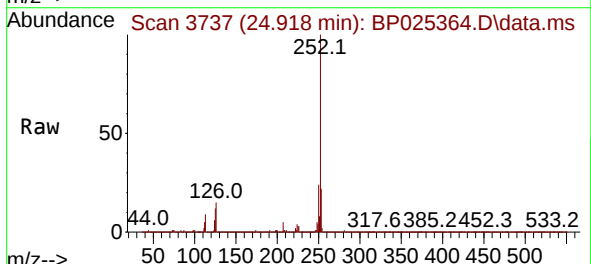
Instrument :  
BNA\_P  
ClientSampleId :  
PB169180BS

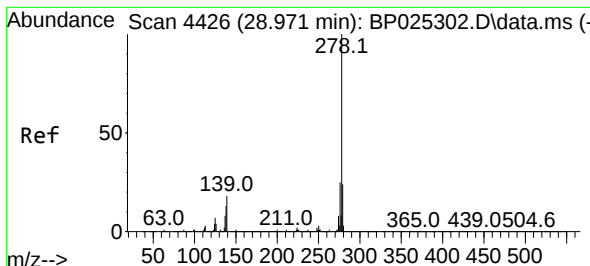
Tgt Ion:252 Resp: 3398773  
Ion Ratio Lower Upper  
252 100  
253 21.7 17.6 26.4  
125 10.5 8.5 12.7



#90  
Benzo(a)pyrene  
Concen: 47.713 ng  
RT: 24.918 min Scan# 3737  
Delta R.T. 0.035 min  
Lab File: BP025364.D  
Acq: 12 Aug 2025 12:54

Tgt Ion:252 Resp: 3264966  
Ion Ratio Lower Upper  
252 100  
253 22.0 17.6 26.4  
125 11.6 9.4 14.0





#91

Dibenzo(a,h)anthracene

Concen: 48.866 ng

RT: 29.012 min Scan# 4426

Delta R.T. 0.041 min

Lab File: BP025364.D

Acq: 12 Aug 2025 12:54

Instrument :

BNA\_P

ClientSampleId :

PB169180BS

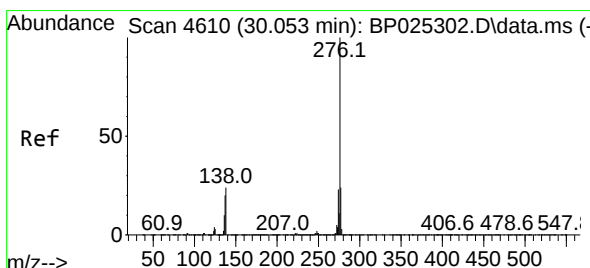
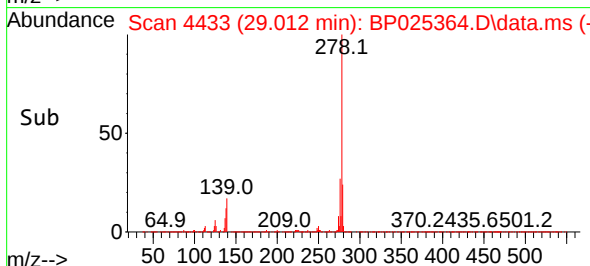
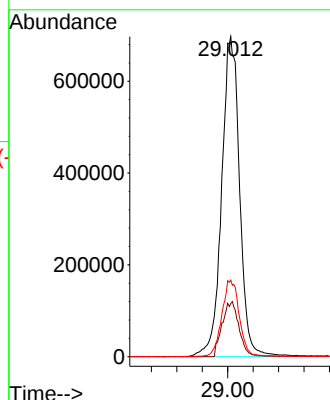
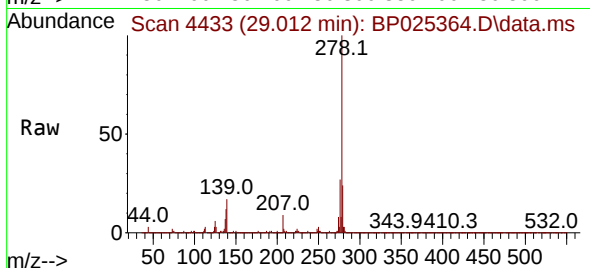
Tgt Ion:278 Resp: 3405001

Ion Ratio Lower Upper

278 100

139 16.6 14.6 22.0

279 24.0 19.0 28.4



#92

Benzo(g,h,i)perylene

Concen: 48.498 ng

RT: 30.130 min Scan# 4623

Delta R.T. 0.077 min

Lab File: BP025364.D

Acq: 12 Aug 2025 12:54

Tgt Ion:276 Resp: 3316590

Ion Ratio Lower Upper

276 100

277 23.5 19.3 28.9

138 21.9 19.1 28.7

