

Data Path : Z:\svoasrv\HPCHEM1\BNA\_P\Data\BP091825\  
 Data File : BP025787.D  
 Acq On : 18 Sep 2025 18:46  
 Operator : CG/JU  
 Sample : PB169718BS  
 Misc :  
 ALS Vial : 4 Sample Multiplier: 1

Instrument :  
 BNA\_P  
 ClientSampleId :  
 PB169718BS

Quant Time: Sep 18 19:15:39 2025  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_P\Methods\8270E-BP091225.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Thu Sep 11 16:45:04 2025  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc   | Units | Dev(Min) |
|-------------------------------|--------|------|----------|--------|-------|----------|
| -----                         |        |      |          |        |       |          |
| Internal Standards            |        |      |          |        |       |          |
| 1) 1,4-Dichlorobenzene-d4     | 7.749  | 152  | 175687   | 20.000 | ng    | -0.01    |
| 21) Naphthalene-d8            | 10.519 | 136  | 683598   | 20.000 | ng    | 0.00     |
| 39) Acenaphthene-d10          | 14.378 | 164  | 444972   | 20.000 | ng    | 0.00     |
| 64) Phenanthrene-d10          | 17.178 | 188  | 903856   | 20.000 | ng    | 0.00     |
| 76) Chrysene-d12              | 21.625 | 240  | 880385   | 20.000 | ng    | -0.02    |
| 86) Perylene-d12              | 24.989 | 264  | 889184   | 20.000 | ng    | -0.01    |
| System Monitoring Compounds   |        |      |          |        |       |          |
| 5) 2-Fluorophenol             | 5.378  | 112  | 981838   | 90.174 | ng    | 0.00     |
| 7) Phenol-d6                  | 6.943  | 99   | 1243667  | 85.933 | ng    | 0.00     |
| 23) Nitrobenzene-d5           | 8.896  | 82   | 1210547  | 78.114 | ng    | 0.00     |
| 42) 2,4,6-Tribromophenol      | 15.895 | 330  | 455892   | 82.141 | ng    | -0.01    |
| 45) 2-Fluorobiphenyl          | 12.984 | 172  | 2609618  | 78.089 | ng    | 0.00     |
| 79) Terphenyl-d14             | 19.895 | 244  | 4079526  | 83.361 | ng    | -0.02    |
| Target Compounds              |        |      |          |        |       | Qvalue   |
| 2) 1,4-Dioxane                | 3.308  | 88   | 162061   | 35.463 | ng    | 99       |
| 3) Pyridine                   | 3.708  | 79   | 449659   | 35.734 | ng    | 99       |
| 4) n-Nitrosodimethylamine     | 3.614  | 42   | 248605   | 41.869 | ng    | 99       |
| 6) Aniline                    | 7.090  | 93   | 649758   | 32.706 | ng    | 99       |
| 8) 2-Chlorophenol             | 7.331  | 128  | 528034   | 44.206 | ng    | 99       |
| 9) Benzaldehyde               | 6.908  | 77   | 334019   | 38.506 | ng    | 99       |
| 10) Phenol                    | 6.972  | 94   | 666256   | 43.659 | ng    | 98       |
| 11) bis(2-Chloroethyl)ether   | 7.184  | 93   | 522477   | 42.615 | ng    | 99       |
| 12) 1,3-Dichlorobenzene       | 7.643  | 146  | 573450   | 42.182 | ng    | 98       |
| 13) 1,4-Dichlorobenzene       | 7.784  | 146  | 582042   | 42.031 | ng    | 99       |
| 14) 1,2-Dichlorobenzene       | 8.102  | 146  | 560576   | 41.669 | ng    | 100      |
| 15) Benzyl Alcohol            | 7.990  | 79   | 482617   | 40.356 | ng    | 98       |
| 16) 2,2'-oxybis(1-Chloropr... | 8.266  | 45   | 861769   | 42.980 | ng    | 99       |
| 17) 2-Methylphenol            | 8.196  | 107  | 444254   | 43.179 | ng    | 100      |
| 18) Hexachloroethane          | 8.819  | 117  | 226706   | 42.860 | ng    | 98       |
| 19) n-Nitroso-di-n-propyla... | 8.549  | 70   | 406731   | 40.293 | ng    | 97       |
| 20) 3+4-Methylphenols         | 8.519  | 107  | 599405   | 41.599 | ng    | 98       |
| 22) Acetophenone              | 8.566  | 105  | 866319   | 47.422 | ng    | 98       |
| 24) Nitrobenzene              | 8.937  | 77   | 610863   | 43.939 | ng    | 99       |
| 25) Isophorone                | 9.461  | 82   | 1125780  | 41.330 | ng    | 100      |
| 26) 2-Nitrophenol             | 9.643  | 139  | 275390   | 44.616 | ng    | 94       |
| 27) 2,4-Dimethylphenol        | 9.702  | 122  | 478233   | 44.164 | ng    | 99       |
| 28) bis(2-Chloroethoxy)met... | 9.931  | 93   | 683263   | 43.394 | ng    | 99       |
| 29) 2,4-Dichlorophenol        | 10.184 | 162  | 493434   | 45.702 | ng    | 100      |
| 30) 1,2,4-Trichlorobenzene    | 10.384 | 180  | 523130   | 42.992 | ng    | 99       |
| 31) Naphthalene               | 10.572 | 128  | 1569174  | 42.571 | ng    | 99       |
| 32) Benzoic acid              | 9.890  | 122  | 383250   | 47.603 | ng    | 98       |
| 33) 4-Chloroaniline           | 10.684 | 127  | 417609   | 27.182 | ng    | 99       |
| 34) Hexachlorobutadiene       | 10.855 | 225  | 338295   | 43.188 | ng    | 100      |
| 35) Caprolactam               | 11.478 | 113  | 168475   | 40.480 | ng    | 94       |
| 36) 4-Chloro-3-methylphenol   | 11.813 | 107  | 554902   | 43.109 | ng    | 97       |
| 37) 2-Methylnaphthalene       | 12.184 | 142  | 1003915  | 42.405 | ng    | 100      |
| 38) 1-Methylnaphthalene       | 12.402 | 142  | 1030842  | 40.832 | ng    | 100      |
| 40) 1,2,4,5-Tetrachloroben... | 12.549 | 216  | 646246   | 47.928 | ng    | 99       |
| 41) Hexachlorocyclopentadiene | 12.531 | 237  | 683562   | 93.080 | ng    | 99       |
| 43) 2,4,6-Trichlorophenol     | 12.802 | 196  | 404085   | 45.586 | ng    | 98       |

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 QLast Update : Thu Sep 11 16:45:04 2025  
 Response via : Initial Calibration

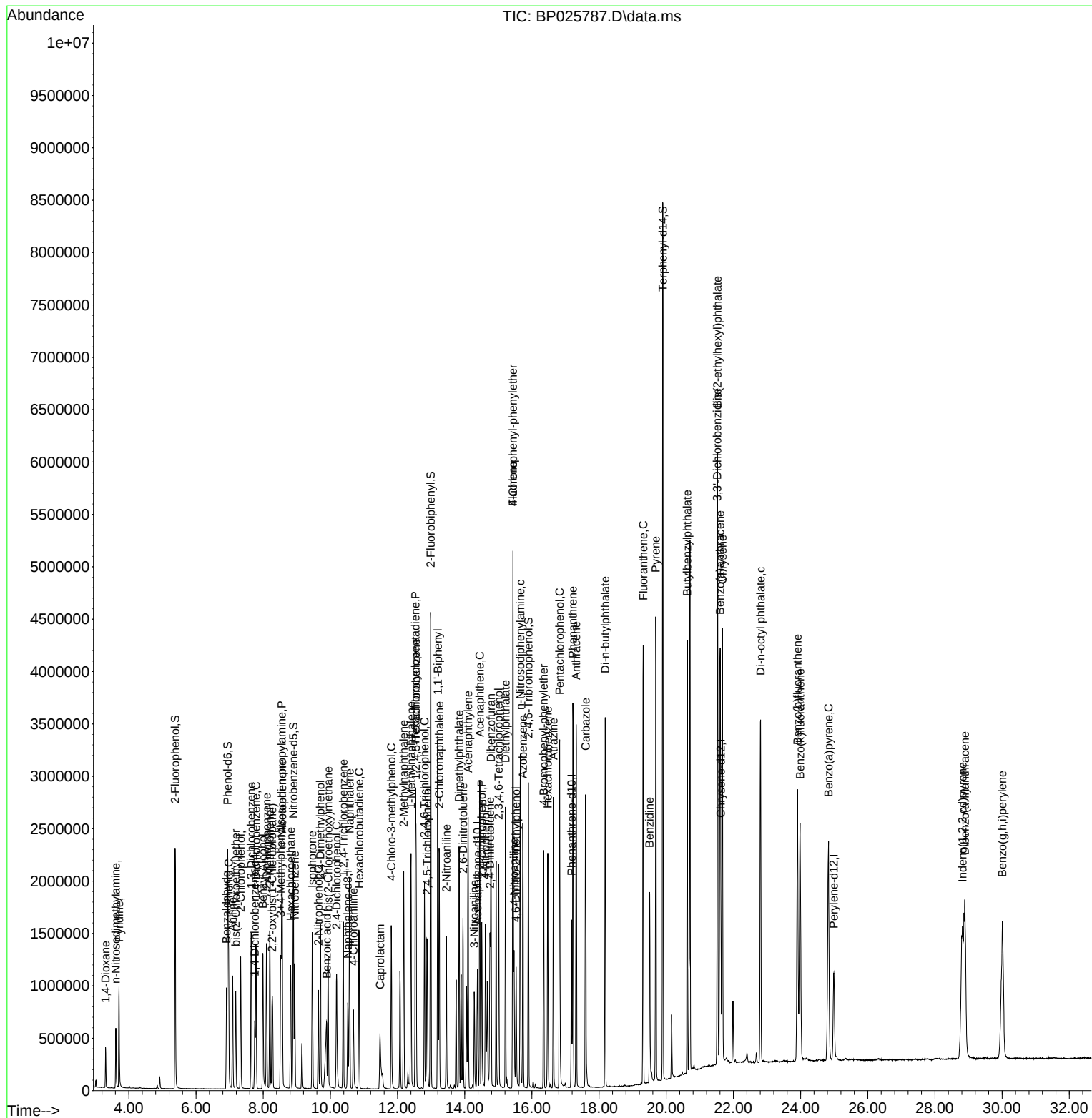
| Compound                      | R.T.   | QIon | Response | Conc   | Units | Dev(Min) |
|-------------------------------|--------|------|----------|--------|-------|----------|
| 44) 2,4,5-Trichlorophenol     | 12.878 | 196  | 451422   | 45.759 | ng    | 98       |
| 46) 1,1'-Biphenyl             | 13.196 | 154  | 1569030  | 48.040 | ng    | 99       |
| 47) 2-Chloronaphthalene       | 13.243 | 162  | 1109421  | 43.139 | ng    | 99       |
| 48) 2-Nitroaniline            | 13.454 | 65   | 387837   | 45.241 | ng    | 96       |
| 49) Acenaphthylene            | 14.101 | 152  | 1892529  | 44.414 | ng    | 100      |
| 50) Dimethylphthalate         | 13.831 | 163  | 1466209  | 43.159 | ng    | 99       |
| 51) 2,6-Dinitrotoluene        | 13.949 | 165  | 321516   | 44.670 | ng    | 98       |
| 52) Acenaphthene              | 14.448 | 154  | 1036364  | 42.174 | ng    | 100      |
| 53) 3-Nitroaniline            | 14.284 | 138  | 238507   | 31.512 | ng    | 95       |
| 54) 2,4-Dinitrophenol         | 14.507 | 184  | 371699   | 79.463 | ng    | 98       |
| 55) Dibenzofuran              | 14.784 | 168  | 1684376  | 42.057 | ng    | 100      |
| 56) 4-Nitrophenol             | 14.619 | 139  | 503133   | 77.349 | ng    | 97       |
| 57) 2,4-Dinitrotoluene        | 14.754 | 165  | 463292   | 45.230 | ng    | 96       |
| 58) Fluorene                  | 15.437 | 166  | 1352289  | 42.462 | ng    | 99       |
| 59) 2,3,4,6-Tetrachlorophenol | 15.013 | 232  | 395127   | 44.462 | ng    | 100      |
| 60) Diethylphthalate          | 15.213 | 149  | 1514516  | 43.950 | ng    | 100      |
| 61) 4-Chlorophenyl-phenyle... | 15.437 | 204  | 675630   | 42.095 | ng    | 99       |
| 62) 4-Nitroaniline            | 15.466 | 138  | 342971   | 44.232 | ng    | 99       |
| 63) Azobenzene                | 15.731 | 77   | 1488800  | 44.682 | ng    | 99       |
| 65) 4,6-Dinitro-2-methylph... | 15.531 | 198  | 269957   | 44.911 | ng    | 98       |
| 66) n-Nitrosodiphenylamine    | 15.654 | 169  | 1243888  | 44.970 | ng    | 100      |
| 67) 4-Bromophenyl-phenylether | 16.348 | 248  | 429869   | 43.292 | ng    | 96       |
| 68) Hexachlorobenzene         | 16.472 | 284  | 483750   | 43.686 | ng    | 98       |
| 69) Atrazine                  | 16.642 | 200  | 479766   | 45.376 | ng    | 97       |
| 70) Pentachlorophenol         | 16.825 | 266  | 647041   | 88.535 | ng    | 98       |
| 71) Phenanthrene              | 17.219 | 178  | 2240152  | 43.692 | ng    | 100      |
| 72) Anthracene                | 17.319 | 178  | 2303731  | 44.284 | ng    | 100      |
| 73) Carbazole                 | 17.595 | 167  | 2166748  | 44.800 | ng    | 99       |
| 74) Di-n-butylphthalate       | 18.184 | 149  | 2780871  | 46.854 | ng    | 100      |
| 75) Fluoranthene              | 19.313 | 202  | 2682922  | 43.631 | ng    | 99       |
| 77) Benzidine                 | 19.501 | 184  | 1269252  | 50.050 | ng    | 100      |
| 78) Pyrene                    | 19.689 | 202  | 2739124  | 46.628 | ng    | 99       |
| 80) Butylbenzylphthalate      | 20.625 | 149  | 1278084  | 49.621 | ng    | 98       |
| 81) Benzo(a)anthracene        | 21.601 | 228  | 2691728  | 44.659 | ng    | 100      |
| 82) 3,3'-Dichlorobenzidine    | 21.519 | 252  | 653626   | 31.363 | ng    | 99       |
| 83) Chrysene                  | 21.672 | 228  | 2519965  | 43.860 | ng    | 100      |
| 84) Bis(2-ethylhexyl)phtha... | 21.525 | 149  | 1811796  | 48.079 | ng    | 98       |
| 85) Di-n-octyl phthalate      | 22.807 | 149  | 3113326  | 46.446 | ng    | 99       |
| 87) Indeno(1,2,3-cd)pyrene    | 28.818 | 276  | 3016277  | 46.646 | ng    | # 82     |
| 88) Benzo(b)fluoranthene      | 23.907 | 252  | 2497268  | 45.926 | ng    | 99       |
| 89) Benzo(k)fluoranthene      | 23.983 | 252  | 2624889  | 47.307 | ng    | 99       |
| 90) Benzo(a)pyrene            | 24.830 | 252  | 2421349  | 45.472 | ng    | 100      |
| 91) Dibenzo(a,h)anthracene    | 28.889 | 278  | 2483752  | 46.938 | ng    | 98       |
| 92) Benzo(g,h,i)perylene      | 30.006 | 276  | 2485050  | 47.753 | ng    | 97       |

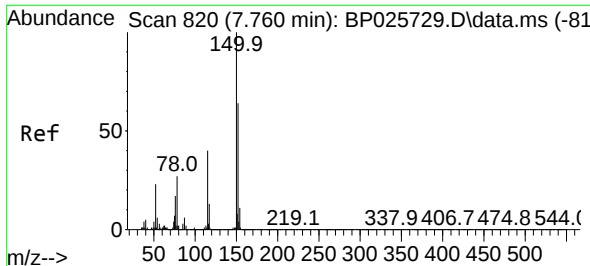
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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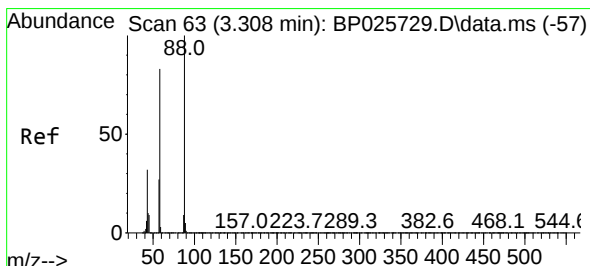
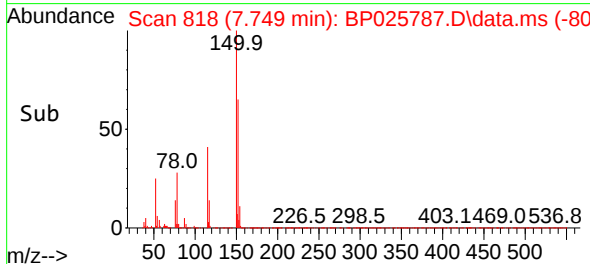
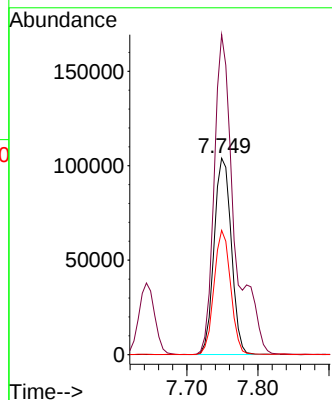
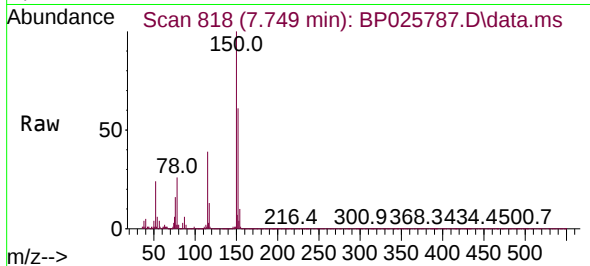




#1  
 1,4-Dichlorobenzene-d4  
 Concen: 20.000 ng  
 RT: 7.749 min Scan# 81  
 Delta R.T. -0.011 min  
 Lab File: BP025787.D  
 Acq: 18 Sep 2025 18:46

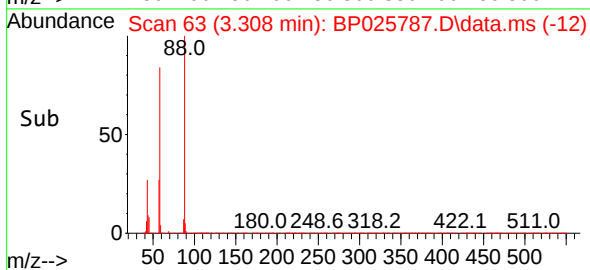
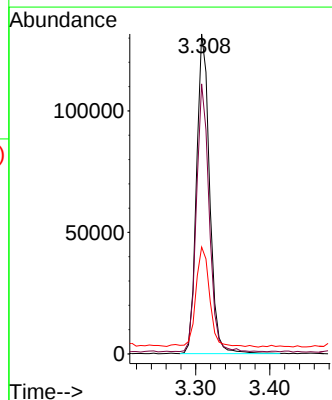
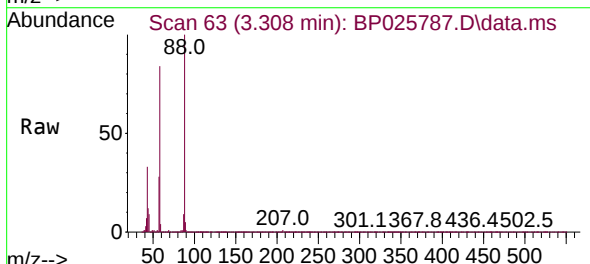
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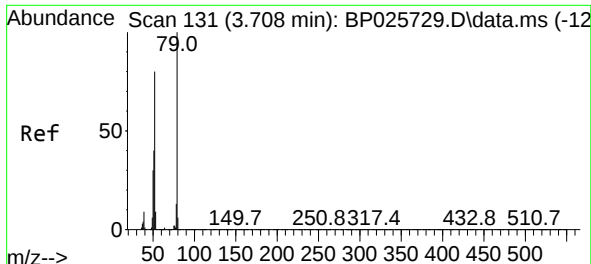
Tgt Ion:152 Resp: 175687  
 Ion Ratio Lower Upper  
 152 100  
 150 163.0 124.3 186.5  
 115 63.3 50.3 75.5



#2  
 1,4-Dioxane  
 Concen: 35.463 ng  
 RT: 3.308 min Scan# 63  
 Delta R.T. 0.000 min  
 Lab File: BP025787.D  
 Acq: 18 Sep 2025 18:46

Tgt Ion: 88 Resp: 162061  
 Ion Ratio Lower Upper  
 88 100  
 58 81.7 65.5 98.3  
 43 33.6 25.2 37.8

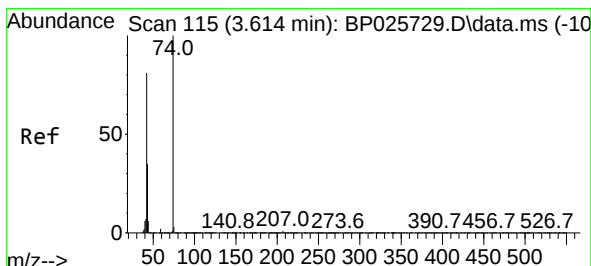
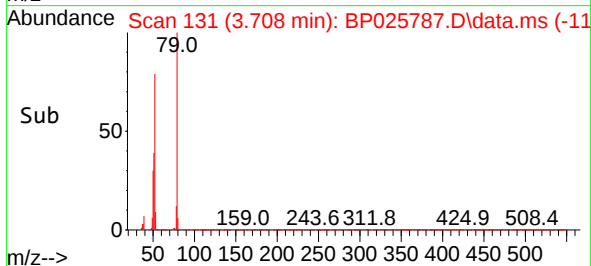
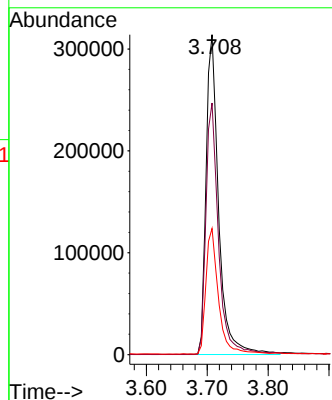
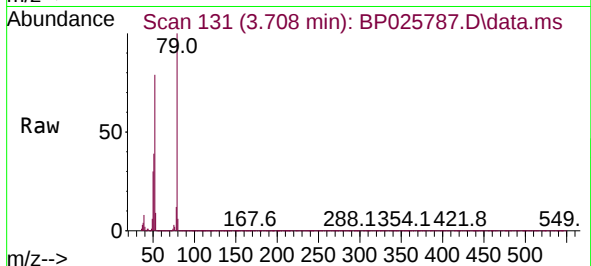




#3  
 Pyridine  
 Concen: 35.734 ng  
 RT: 3.708 min Scan# 131  
 Delta R.T. 0.000 min  
 Lab File: BP025787.D  
 Acq: 18 Sep 2025 18:46

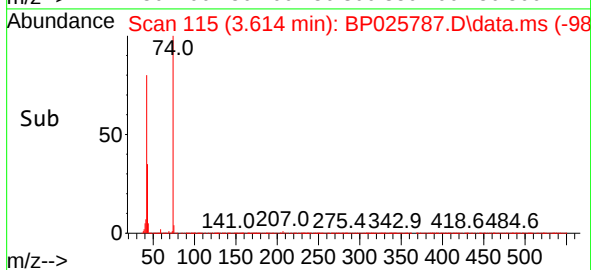
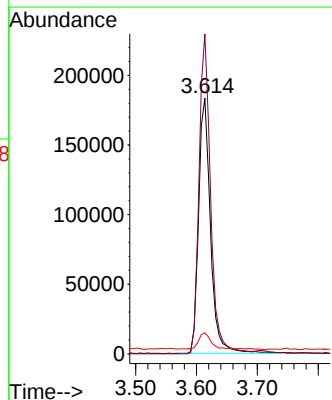
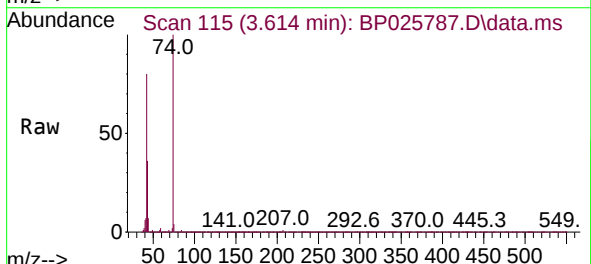
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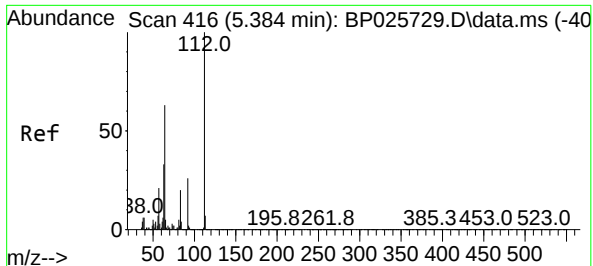
Tgt Ion: 79 Resp: 449659  
 Ion Ratio Lower Upper  
 79 100  
 52 78.6 63.7 95.5  
 51 39.4 32.4 48.6



#4  
 n-Nitrosodimethylamine  
 Concen: 41.869 ng  
 RT: 3.614 min Scan# 115  
 Delta R.T. 0.000 min  
 Lab File: BP025787.D  
 Acq: 18 Sep 2025 18:46

Tgt Ion: 42 Resp: 248605  
 Ion Ratio Lower Upper  
 42 100  
 74 125.2 99.2 148.8  
 44 8.2 6.4 9.6

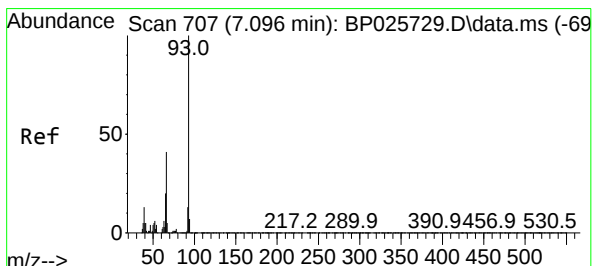
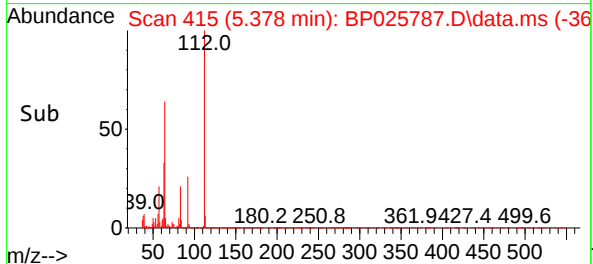
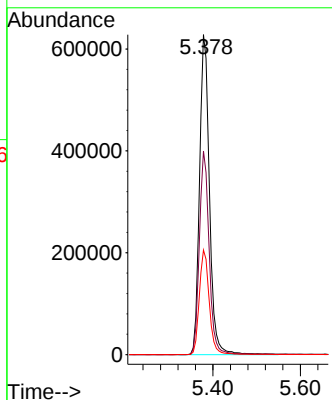
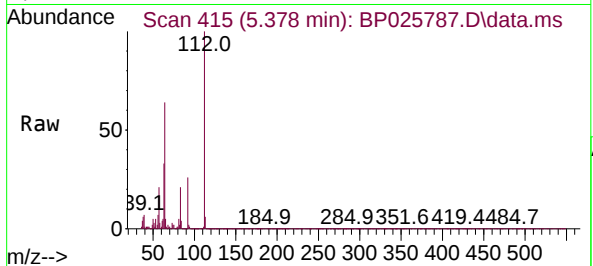




#5  
2-Fluorophenol  
Concen: 90.174 ng  
RT: 5.378 min Scan# 416  
Delta R.T. -0.006 min  
Lab File: BP025787.D  
Acq: 18 Sep 2025 18:46

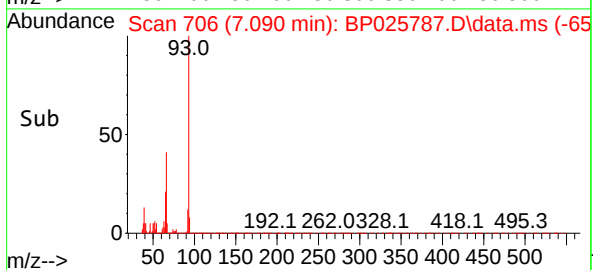
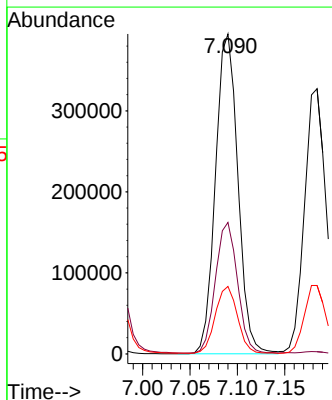
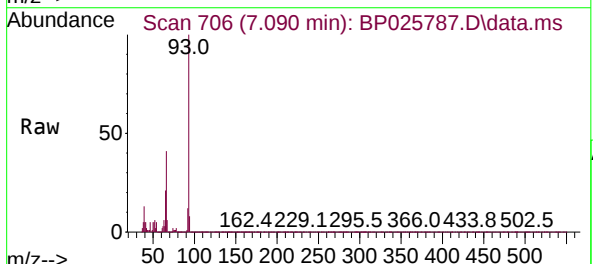
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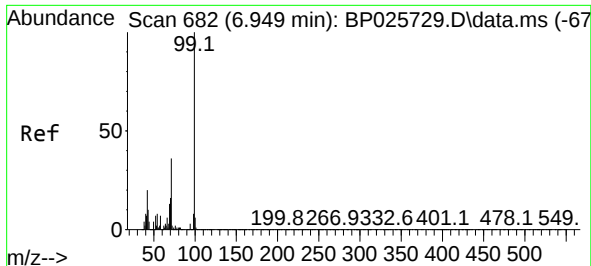
Tgt Ion:112 Resp: 981838  
Ion Ratio Lower Upper  
112 100  
64 63.6 50.2 75.4  
63 32.7 26.7 40.1



#6  
Aniline  
Concen: 32.706 ng  
RT: 7.090 min Scan# 706  
Delta R.T. -0.006 min  
Lab File: BP025787.D  
Acq: 18 Sep 2025 18:46

Tgt Ion: 93 Resp: 649758  
Ion Ratio Lower Upper  
93 100  
66 41.1 32.6 49.0  
65 21.1 16.2 24.2

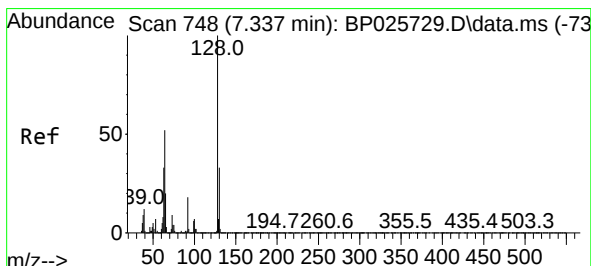
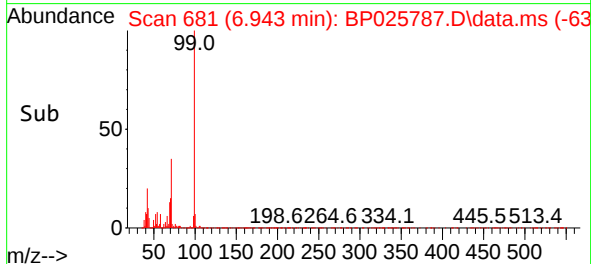
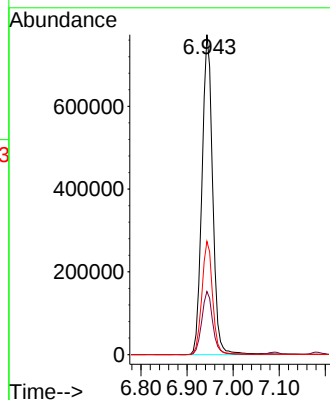
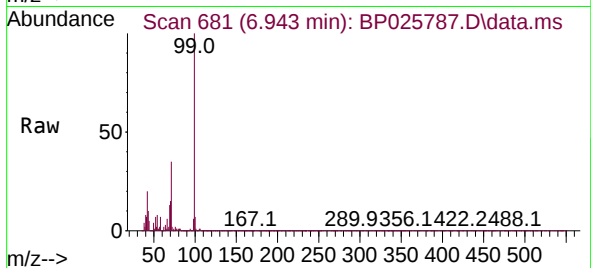




#7  
Phenol-d6  
Concen: 85.933 ng  
RT: 6.943 min Scan# 681  
Delta R.T. -0.006 min  
Lab File: BP025787.D  
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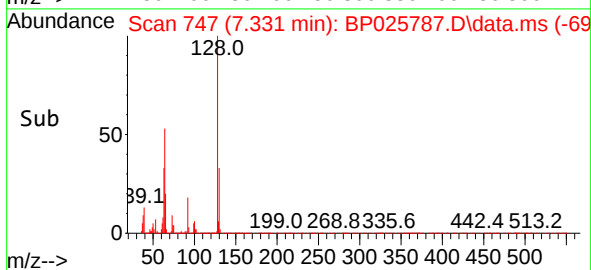
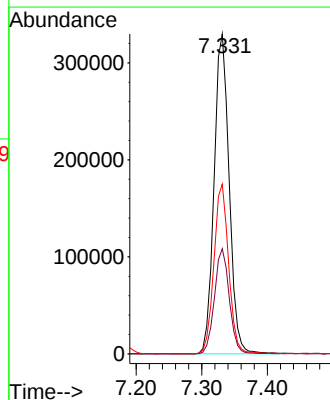
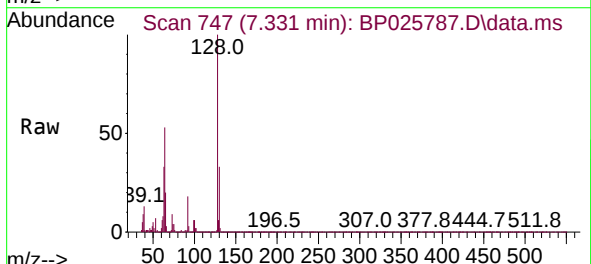
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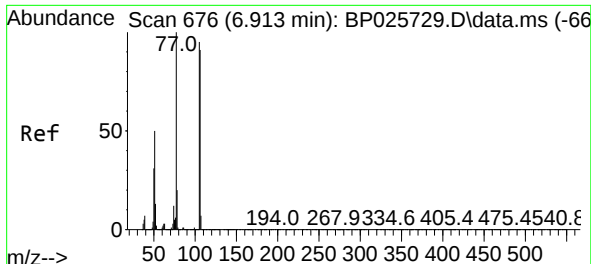
Tgt Ion: 99 Resp: 1243667  
Ion Ratio Lower Upper  
99 100  
42 19.7 15.6 23.4  
71 35.4 28.6 43.0



#8  
2-Chlorophenol  
Concen: 44.206 ng  
RT: 7.331 min Scan# 747  
Delta R.T. -0.006 min  
Lab File: BP025787.D  
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Tgt Ion:128 Resp: 528034  
Ion Ratio Lower Upper  
128 100  
130 32.9 12.6 52.6  
64 53.1 31.6 71.6

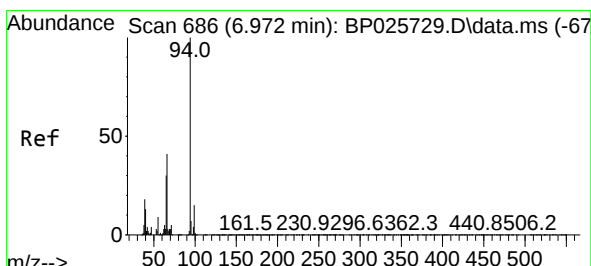
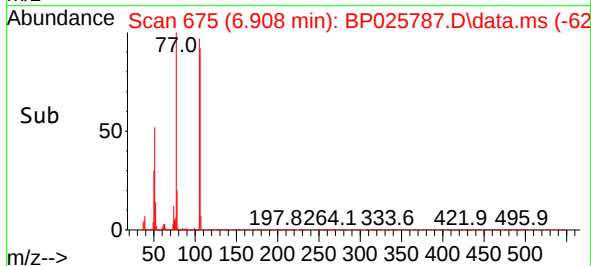
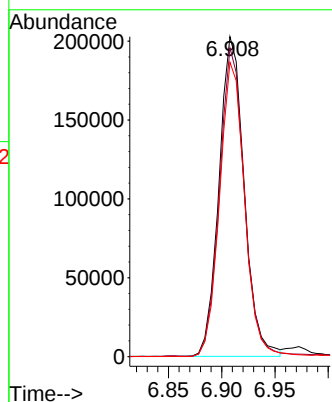
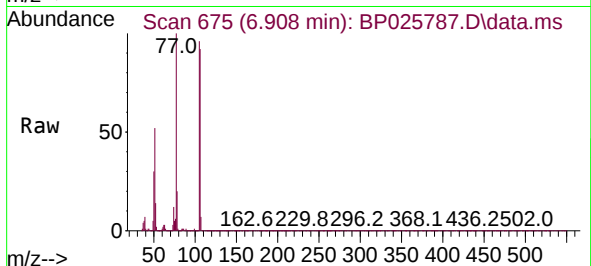




#9  
Benzaldehyde  
Concen: 38.506 ng  
RT: 6.908 min Scan# 61  
Delta R.T. -0.006 min  
Lab File: BP025787.D  
Acq: 18 Sep 2025 18:46

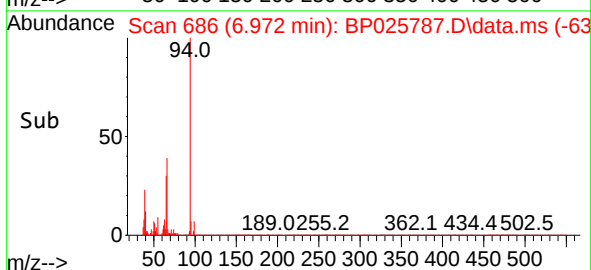
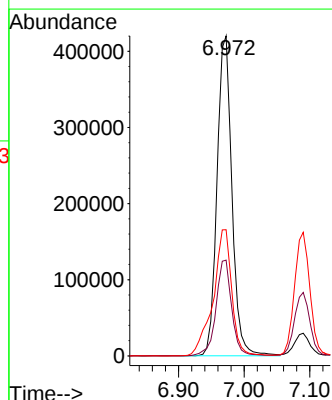
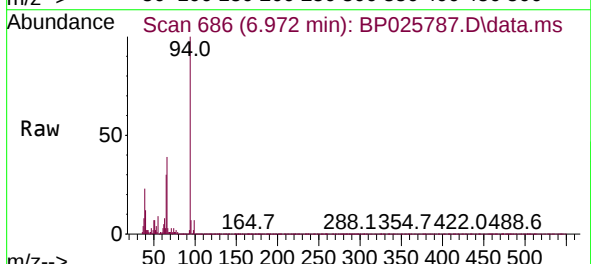
Instrument :  
BNA\_P  
ClientSampleId :  
PB169718BS

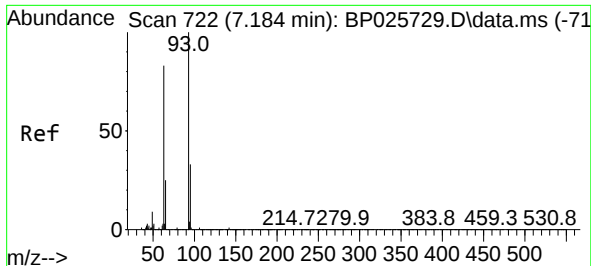
Tgt Ion: 77 Resp: 334019  
Ion Ratio Lower Upper  
77 100  
105 96.5 75.2 115.2  
106 92.0 71.3 111.3



#10  
Phenol  
Concen: 43.659 ng  
RT: 6.972 min Scan# 686  
Delta R.T. 0.000 min  
Lab File: BP025787.D  
Acq: 18 Sep 2025 18:46

Tgt Ion: 94 Resp: 666256  
Ion Ratio Lower Upper  
94 100  
65 29.9 10.2 50.2  
66 39.4 21.4 61.4

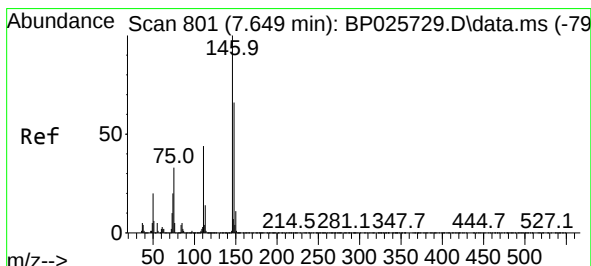
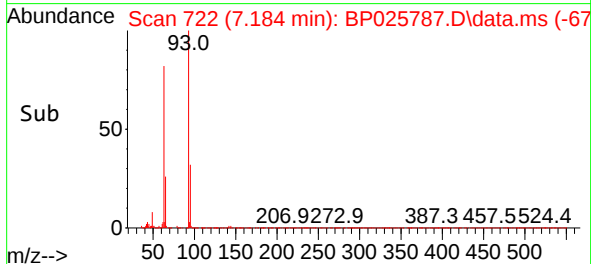
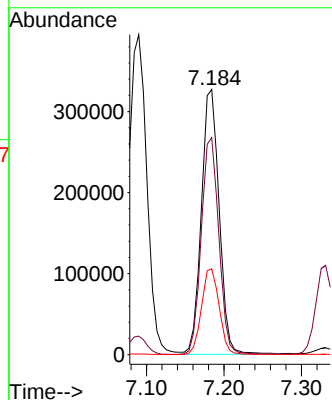
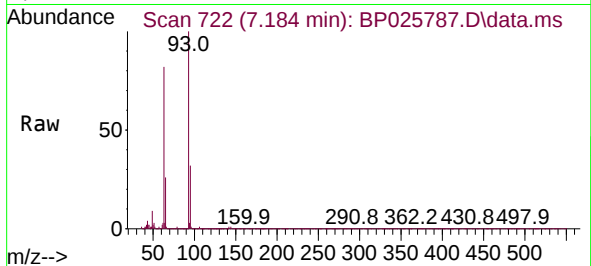




#11  
bis(2-Chloroethyl)ether  
Concen: 42.615 ng  
RT: 7.184 min Scan# 71  
Delta R.T. 0.000 min  
Lab File: BP025787.D  
Acq: 18 Sep 2025 18:46

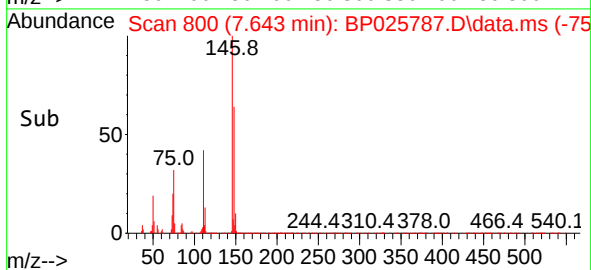
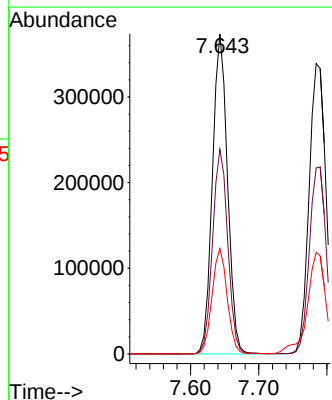
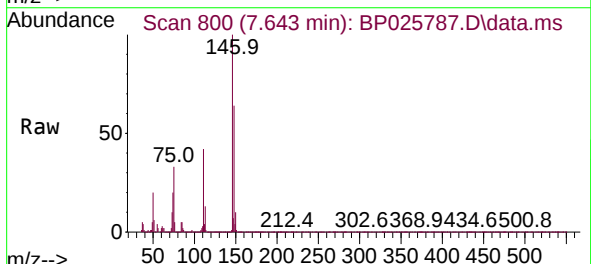
Instrument :  
BNA\_P  
ClientSampleId :  
PB169718BS

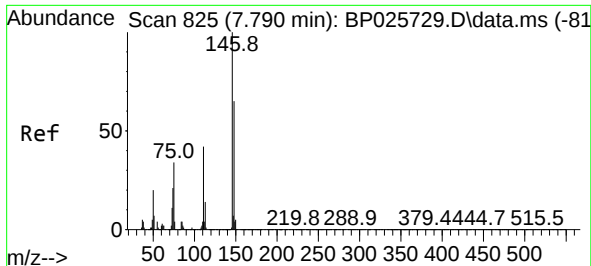
Tgt Ion: 93 Resp: 522477  
Ion Ratio Lower Upper  
93 100  
63 81.8 62.6 102.6  
95 32.3 13.2 53.2



#12  
1,3-Dichlorobenzene  
Concen: 42.182 ng  
RT: 7.643 min Scan# 800  
Delta R.T. -0.006 min  
Lab File: BP025787.D  
Acq: 18 Sep 2025 18:46

Tgt Ion:146 Resp: 573450  
Ion Ratio Lower Upper  
146 100  
148 63.9 52.7 79.1  
75 32.9 26.4 39.6

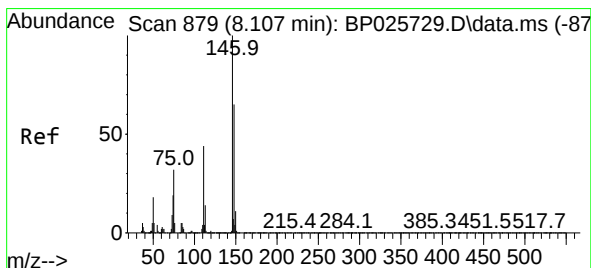
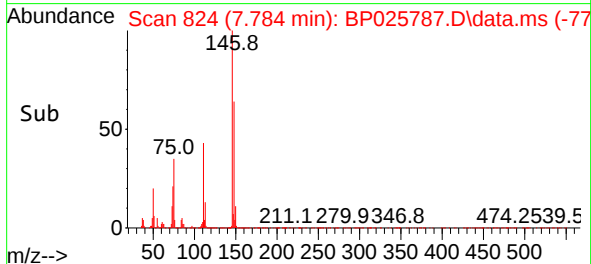
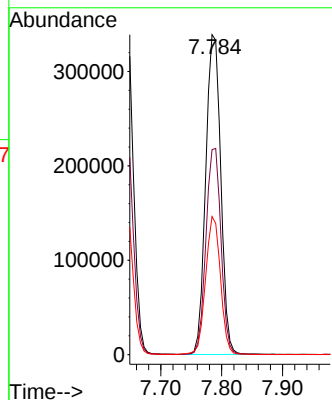
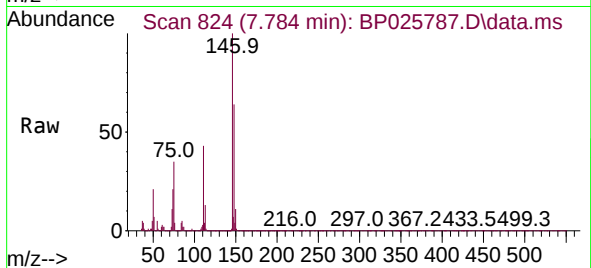




#13  
1,4-Dichlorobenzene  
Concen: 42.031 ng  
RT: 7.784 min Scan# 81  
Delta R.T. -0.006 min  
Lab File: BP025787.D  
Acq: 18 Sep 2025 18:46

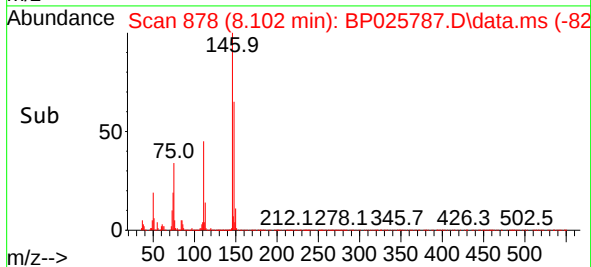
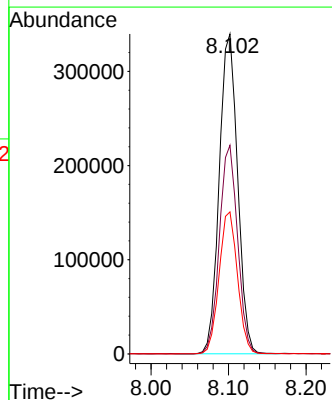
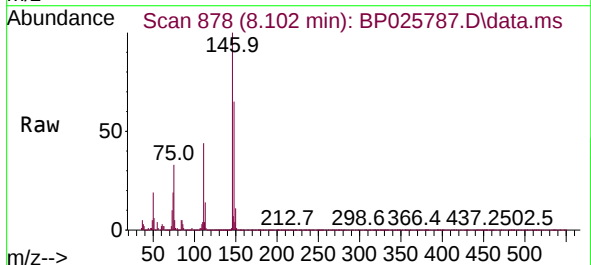
Instrument :  
BNA\_P  
ClientSampleId :  
PB169718BS

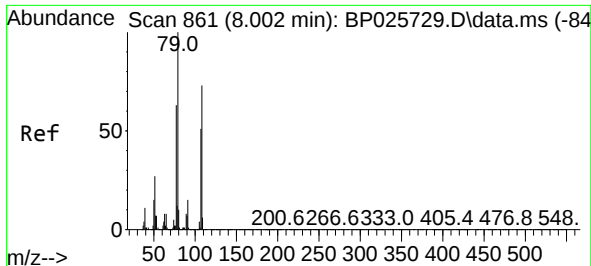
Tgt Ion:146 Resp: 582042  
Ion Ratio Lower Upper  
146 100  
148 64.1 52.0 78.0  
111 43.1 33.9 50.9



#14  
1,2-Dichlorobenzene  
Concen: 41.669 ng  
RT: 8.102 min Scan# 878  
Delta R.T. -0.006 min  
Lab File: BP025787.D  
Acq: 18 Sep 2025 18:46

Tgt Ion:146 Resp: 560576  
Ion Ratio Lower Upper  
146 100  
148 65.2 51.7 77.5  
111 44.4 35.5 53.3

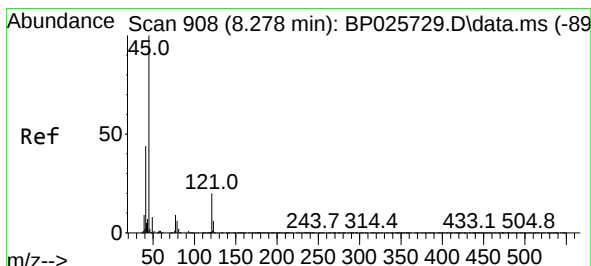
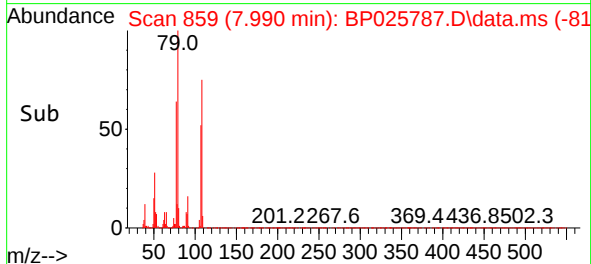
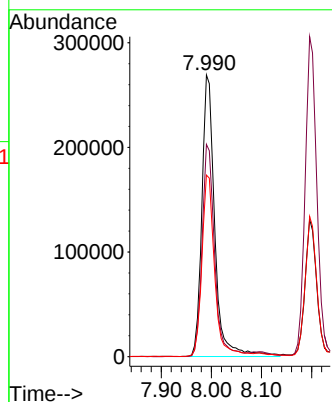
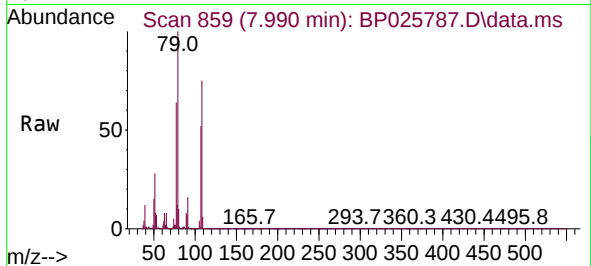




#15  
Benzyl Alcohol  
Concen: 40.356 ng  
RT: 7.990 min Scan# 81  
Delta R.T. -0.012 min  
Lab File: BP025787.D  
Acq: 18 Sep 2025 18:46

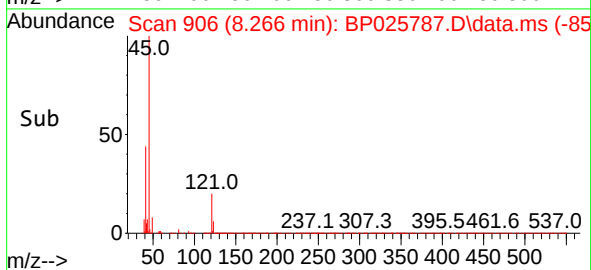
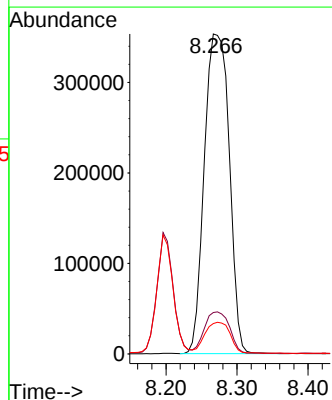
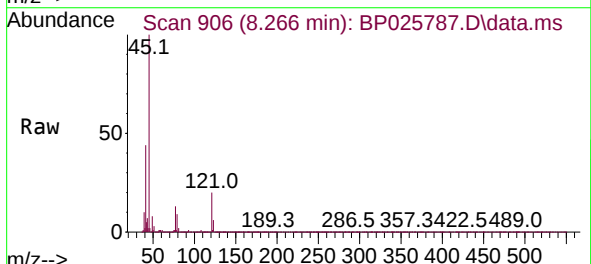
Instrument :  
BNA\_P  
ClientSampleId :  
PB169718BS

Tgt Ion: 79 Resp: 482617  
Ion Ratio Lower Upper  
79 100  
108 75.4 58.7 88.1  
77 64.4 50.2 75.2



#16  
2,2'-oxybis(1-Chloropropane)  
Concen: 42.980 ng  
RT: 8.266 min Scan# 906  
Delta R.T. -0.012 min  
Lab File: BP025787.D  
Acq: 18 Sep 2025 18:46

Tgt Ion: 45 Resp: 861769  
Ion Ratio Lower Upper  
45 100  
77 13.0 0.0 33.1  
79 9.5 0.0 30.0

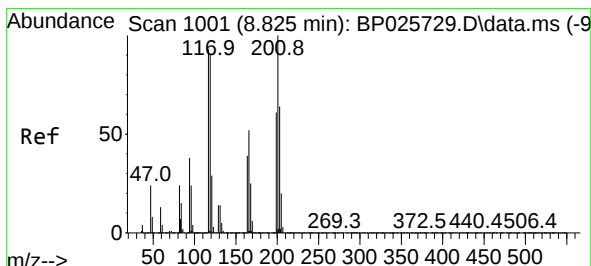
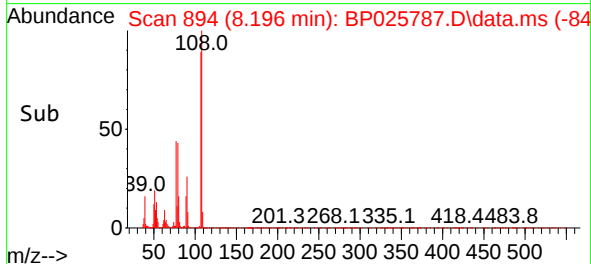
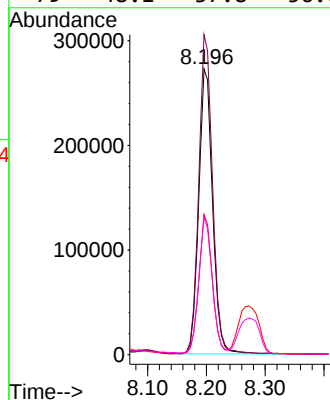
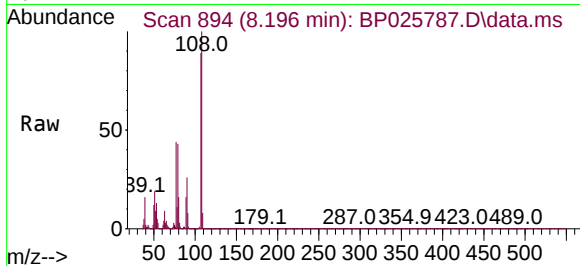




#17  
2-Methylphenol  
Concen: 43.179 ng  
RT: 8.196 min Scan# 89  
Delta R.T. -0.006 min  
Lab File: BP025787.D  
Acq: 18 Sep 2025 18:46

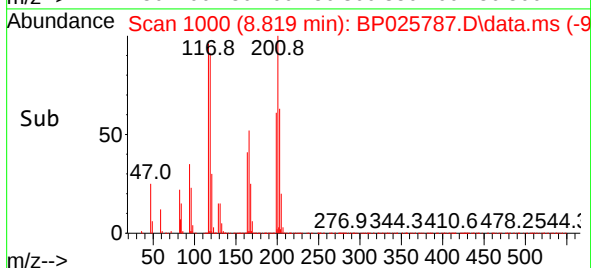
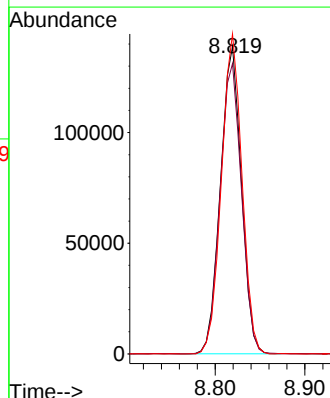
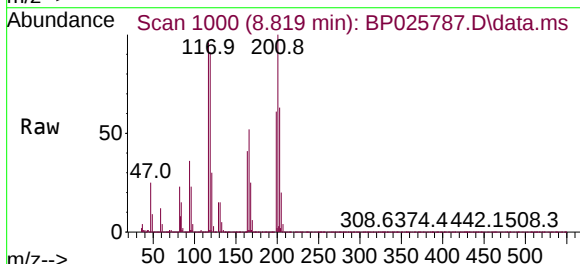
Instrument :  
BNA\_P  
ClientSampleId :  
PB169718BS

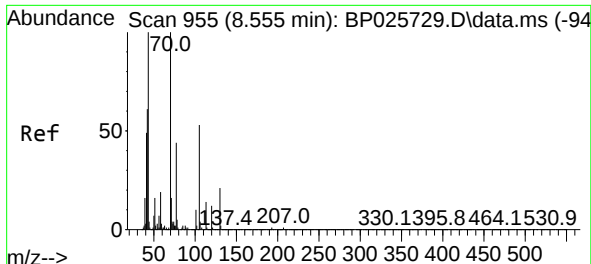
|             |              |
|-------------|--------------|
| Tgt Ion:107 | Resp: 444254 |
| Ion Ratio   | Lower Upper  |
| 107 100     |              |
| 108 112.0   | 89.6 134.4   |
| 77 49.1     | 39.3 58.9    |
| 79 48.1     | 37.8 56.6    |



#18  
Hexachloroethane  
Concen: 42.860 ng  
RT: 8.819 min Scan# 1000  
Delta R.T. -0.006 min  
Lab File: BP025787.D  
Acq: 18 Sep 2025 18:46

|             |              |
|-------------|--------------|
| Tgt Ion:117 | Resp: 226706 |
| Ion Ratio   | Lower Upper  |
| 117 100     |              |
| 119 94.5    | 77.1 115.7   |
| 201 104.1   | 85.6 128.4   |





#19

n-Nitroso-di-n-propylamine

Concen: 40.293 ng

RT: 8.549 min Scan# 91

Delta R.T. -0.006 min

Lab File: BP025787.D

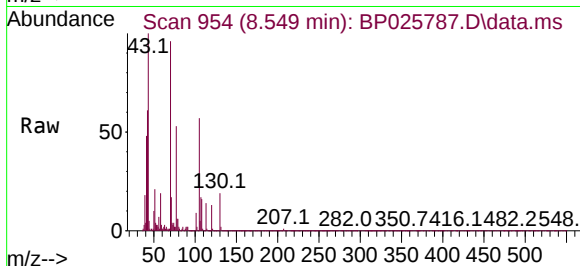
Acq: 18 Sep 2025 18:46

Instrument :

BNA\_P

ClientSampleId :

PB169718BS



Tgt Ion: 70 Resp: 406731

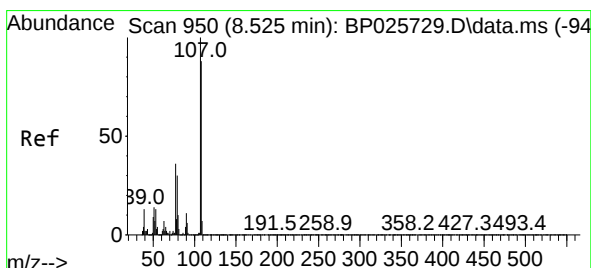
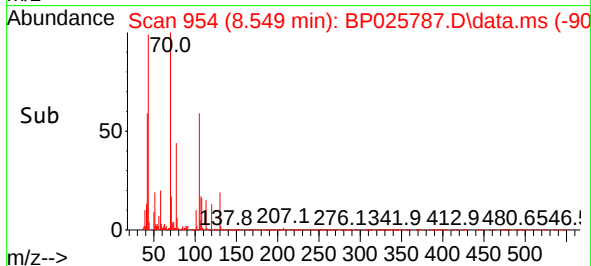
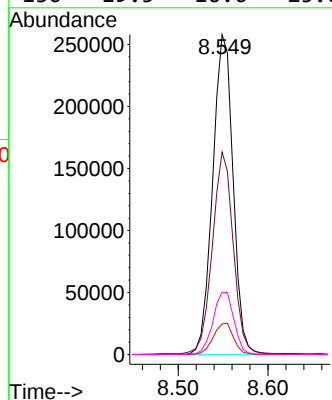
Ion Ratio Lower Upper

70 100

42 63.3 49.0 73.4

101 9.6 7.9 11.9

130 19.5 16.6 25.0



#20

3+4-Methylphenols

Concen: 41.599 ng

RT: 8.519 min Scan# 949

Delta R.T. -0.006 min

Lab File: BP025787.D

Acq: 18 Sep 2025 18:46

Tgt Ion: 107 Resp: 599405

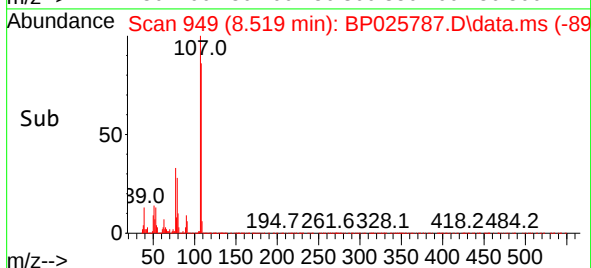
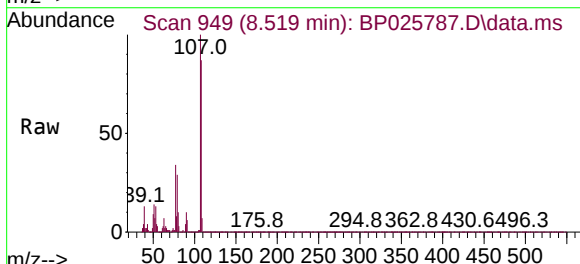
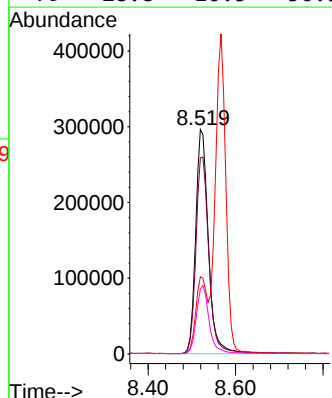
Ion Ratio Lower Upper

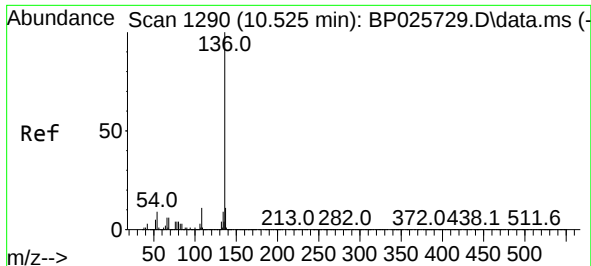
107 100

108 87.3 67.8 107.8

77 34.4 16.1 56.1

79 28.8 10.5 50.5

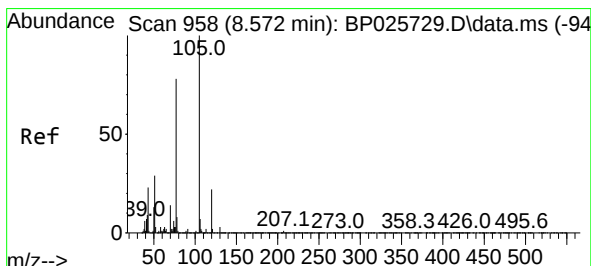
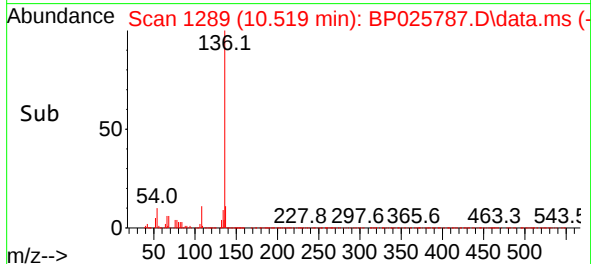
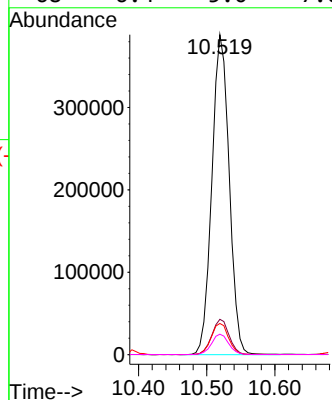
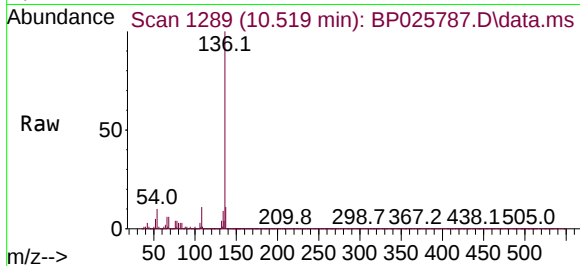




#21  
Naphthalene-d8  
Concen: 20.000 ng  
RT: 10.519 min Scan# 1289  
Delta R.T. -0.006 min  
Lab File: BP025787.D  
Acq: 18 Sep 2025 18:46

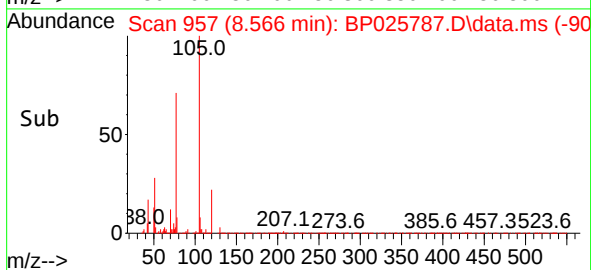
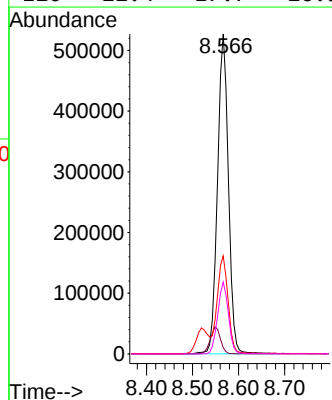
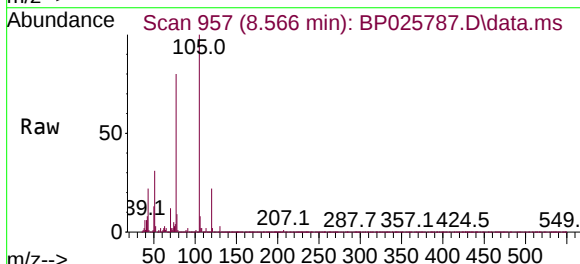
Instrument :  
BNA\_P  
ClientSampleId :  
PB169718BS

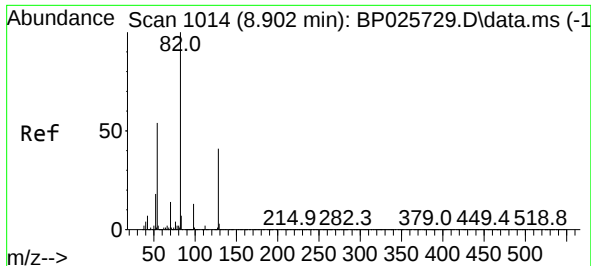
|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 136   | Resp: | 683598 |
| Ion      | Ratio | Lower | Upper  |
| 136      | 100   |       |        |
| 137      | 11.0  | 8.7   | 13.1   |
| 54       | 9.7   | 7.5   | 11.3   |
| 68       | 6.4   | 5.0   | 7.6    |



#22  
Acetophenone  
Concen: 47.422 ng  
RT: 8.566 min Scan# 957  
Delta R.T. -0.006 min  
Lab File: BP025787.D  
Acq: 18 Sep 2025 18:46

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 105   | Resp: | 866319 |
| Ion      | Ratio | Lower | Upper  |
| 105      | 100   |       |        |
| 71       | 1.9   | 1.8   | 2.8    |
| 51       | 30.6  | 23.5  | 35.3   |
| 120      | 22.4  | 17.7  | 26.5   |

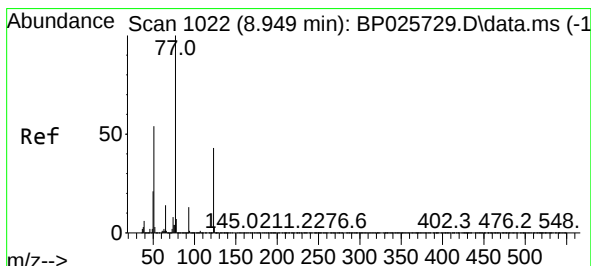
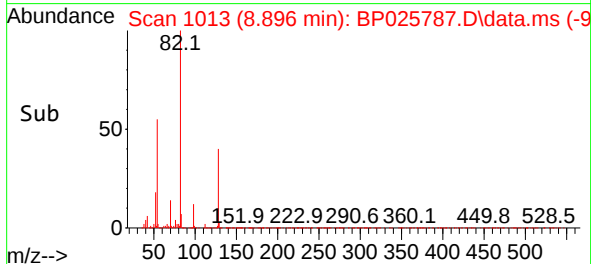
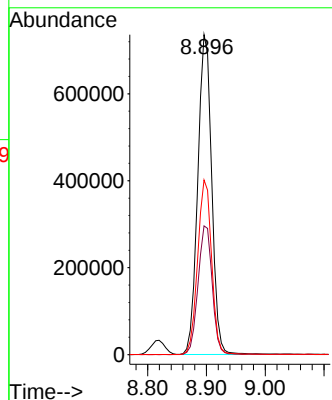
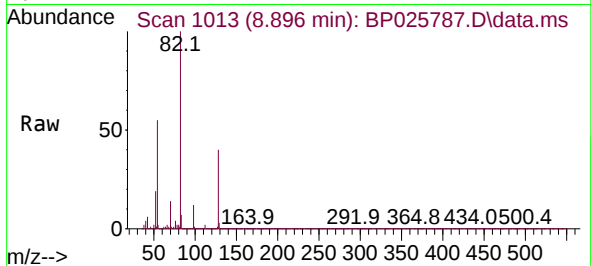




#23  
Nitrobenzene-d5  
Concen: 78.114 ng  
RT: 8.896 min Scan# 10  
Delta R.T. -0.006 min  
Lab File: BP025787.D  
Acq: 18 Sep 2025 18:46

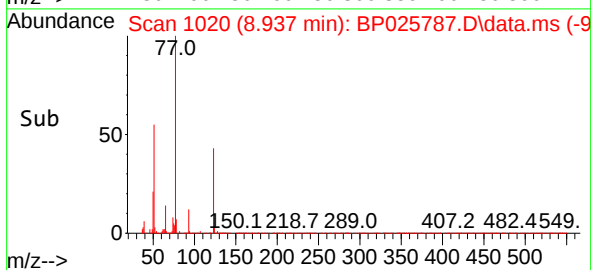
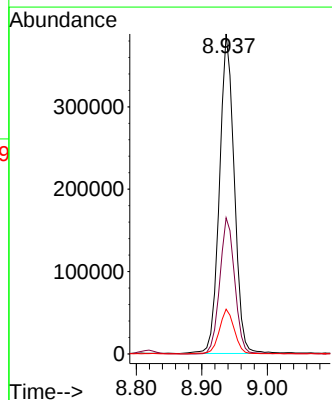
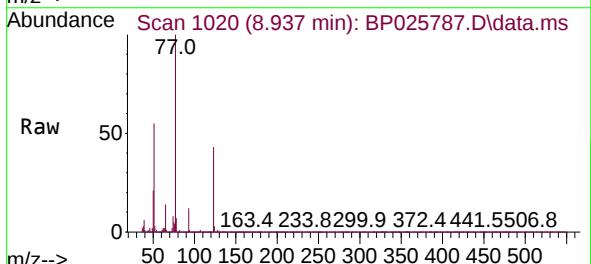
Instrument :  
BNA\_P  
ClientSampleId :  
PB169718BS

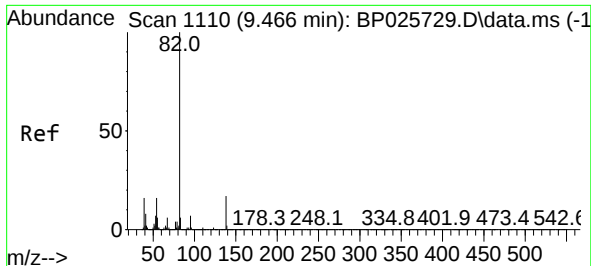
Tgt Ion: 82 Resp: 1210547  
Ion Ratio Lower Upper  
82 100  
128 40.2 32.9 49.3  
54 54.6 43.4 65.2



#24  
Nitrobenzene  
Concen: 43.939 ng  
RT: 8.937 min Scan# 1020  
Delta R.T. -0.012 min  
Lab File: BP025787.D  
Acq: 18 Sep 2025 18:46

Tgt Ion: 77 Resp: 610863  
Ion Ratio Lower Upper  
77 100  
123 42.5 34.4 51.6  
65 14.0 10.8 16.2



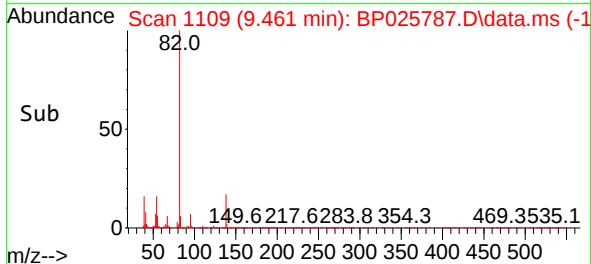
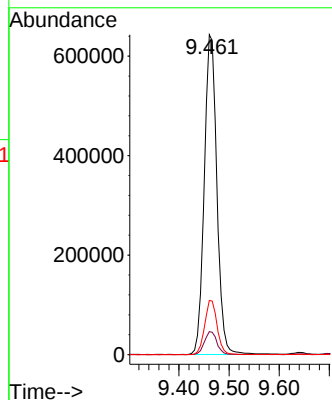
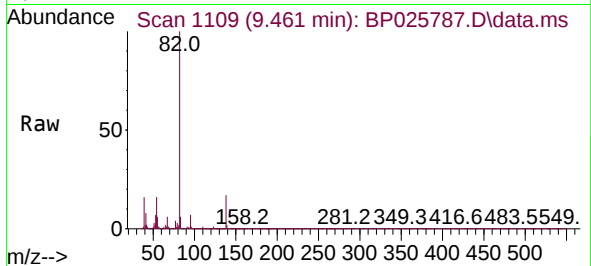


#25  
Isophorone  
Concen: 41.330 ng  
RT: 9.461 min Scan# 1110  
Delta R.T. -0.006 min  
Lab File: BP025787.D  
Acq: 18 Sep 2025 18:46

Instrument :  
BNA\_P  
ClientSampleId :  
PB169718BS

Tgt Ion: 82 Resp: 1125780

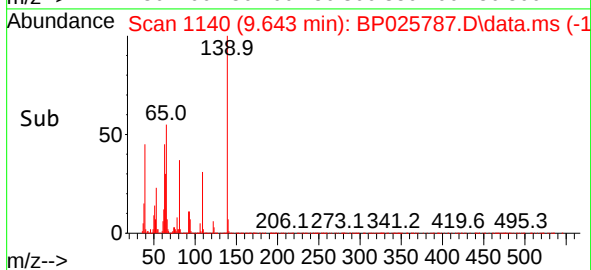
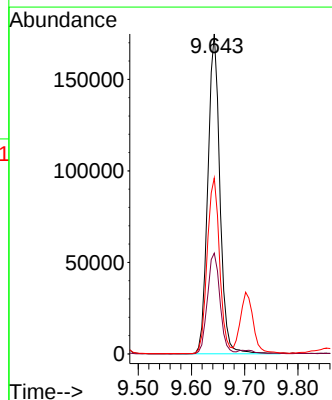
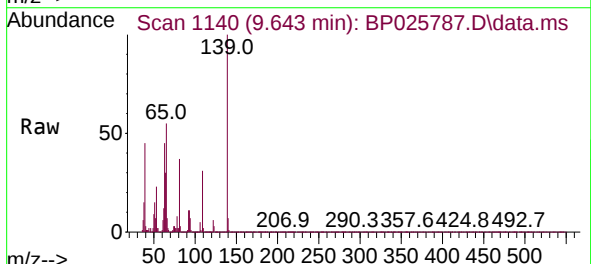
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 82  | 100   |       |       |
| 95  | 7.2   | 5.8   | 8.8   |
| 138 | 16.9  | 13.5  | 20.3  |

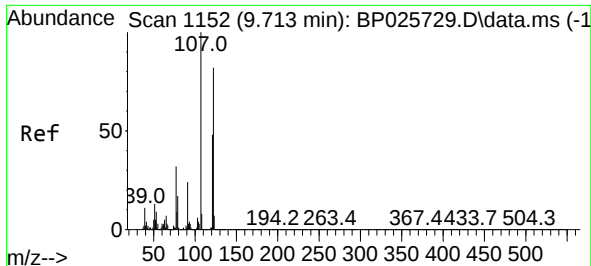


#26  
2-Nitrophenol  
Concen: 44.616 ng  
RT: 9.643 min Scan# 1140  
Delta R.T. -0.006 min  
Lab File: BP025787.D  
Acq: 18 Sep 2025 18:46

Tgt Ion: 139 Resp: 275390

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 139 | 100   |       |       |
| 109 | 31.5  | 29.0  | 43.4  |
| 65  | 55.0  | 46.9  | 70.3  |





#27

2,4-Dimethylphenol

Concen: 44.164 ng

RT: 9.702 min Scan# 1150

Delta R.T. -0.012 min

Lab File: BP025787.D

Acq: 18 Sep 2025 18:46

Instrument :

BNA\_P

ClientSampleId :

PB169718BS

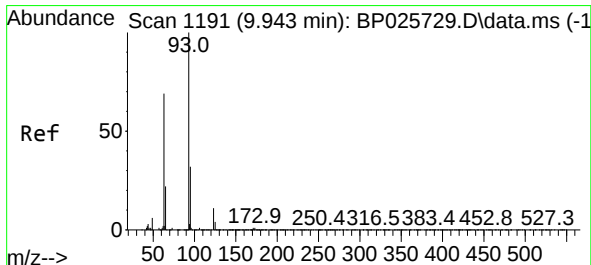
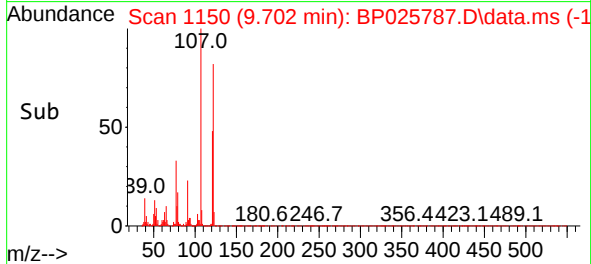
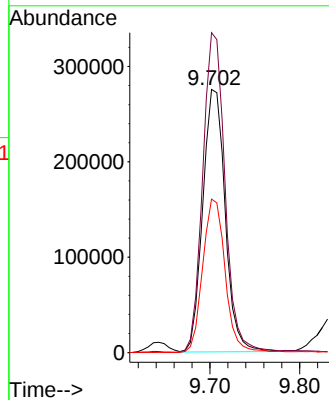
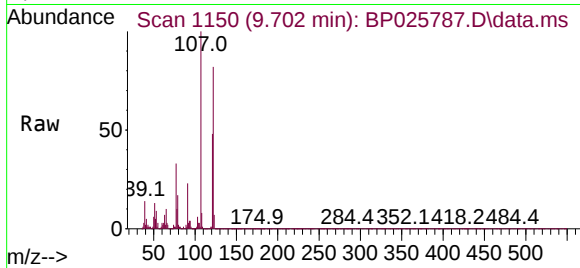
Tgt Ion:122 Resp: 478233

Ion Ratio Lower Upper

122 100

107 121.6 97.9 146.9

121 58.4 47.4 71.0



#28

bis(2-Chloroethoxy)methane

Concen: 43.394 ng

RT: 9.931 min Scan# 1189

Delta R.T. -0.012 min

Lab File: BP025787.D

Acq: 18 Sep 2025 18:46

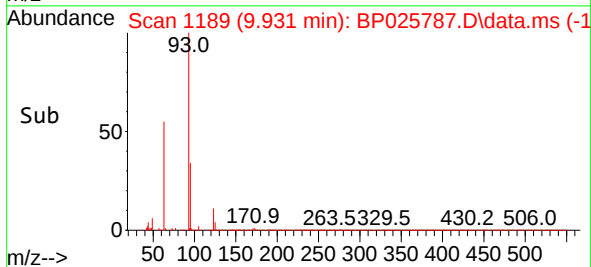
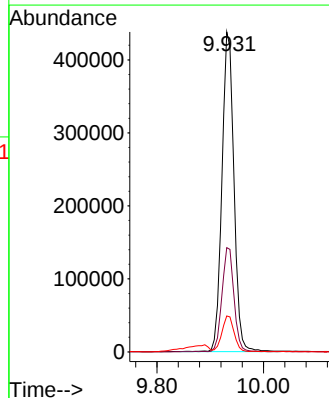
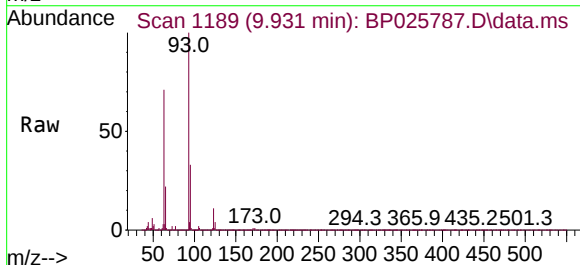
Tgt Ion: 93 Resp: 683263

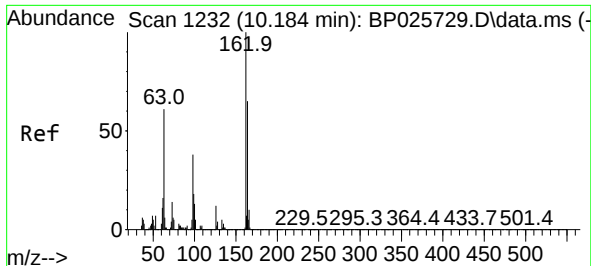
Ion Ratio Lower Upper

93 100

95 32.6 25.6 38.4

123 11.2 9.2 13.8





#29

2,4-Dichlorophenol

Concen: 45.702 ng

RT: 10.184 min Scan# 1232

Delta R.T. 0.000 min

Lab File: BP025787.D

Acq: 18 Sep 2025 18:46

Instrument :

BNA\_P

ClientSampleId :

PB169718BS

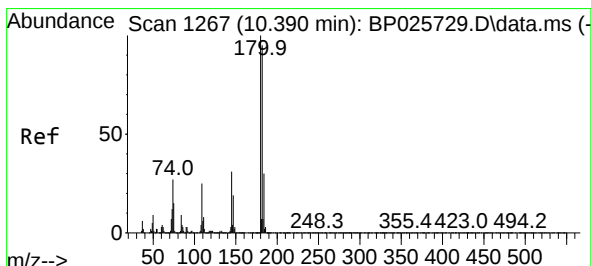
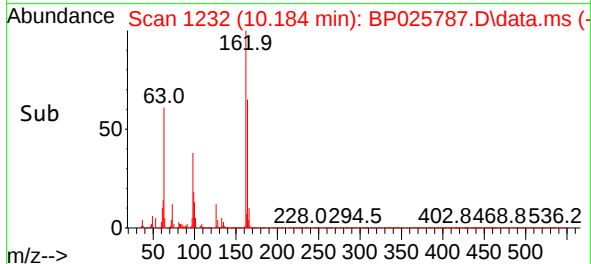
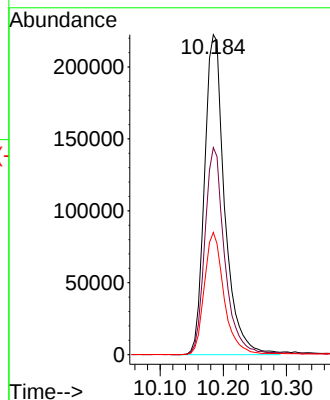
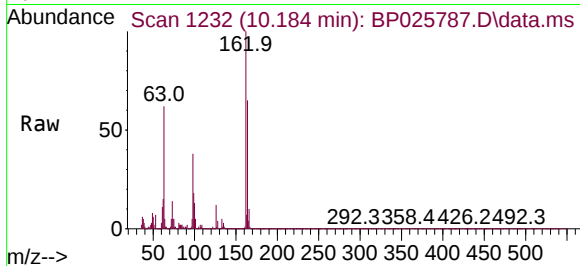
Tgt Ion:162 Resp: 493434

Ion Ratio Lower Upper

162 100

164 64.7 44.7 84.7

98 38.2 18.1 58.1



#30

1,2,4-Trichlorobenzene

Concen: 42.992 ng

RT: 10.384 min Scan# 1266

Delta R.T. -0.006 min

Lab File: BP025787.D

Acq: 18 Sep 2025 18:46

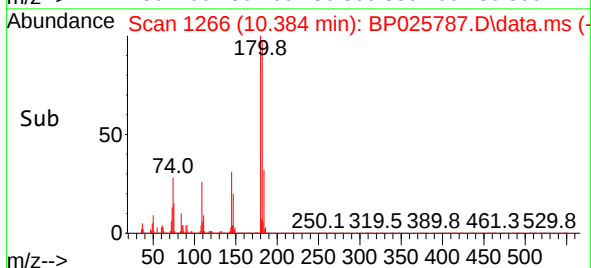
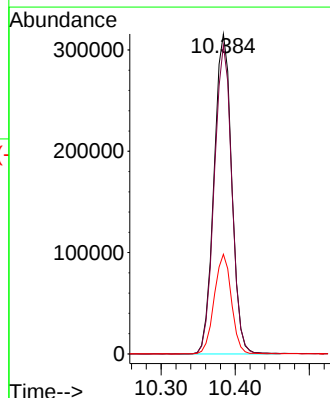
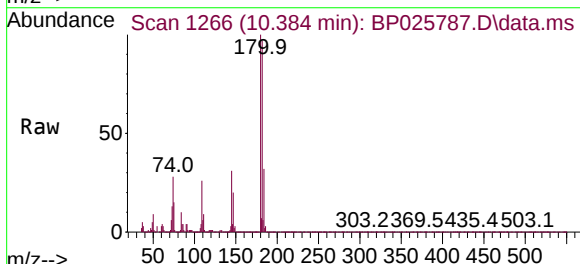
Tgt Ion:180 Resp: 523130

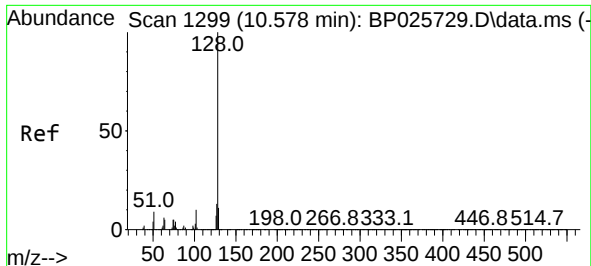
Ion Ratio Lower Upper

180 100

182 96.5 76.0 114.0

145 31.1 24.7 37.1

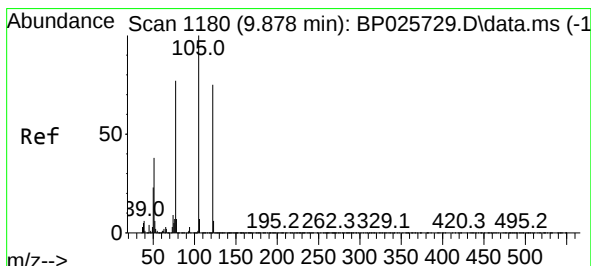
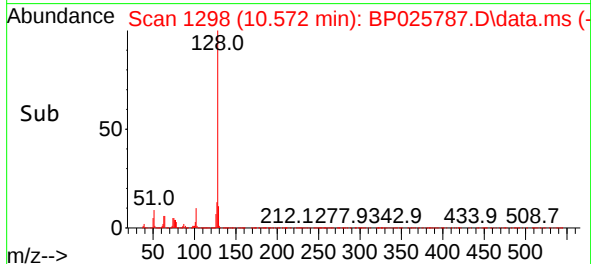
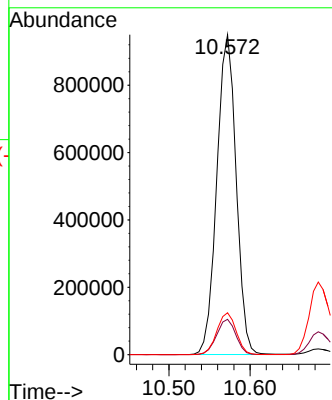
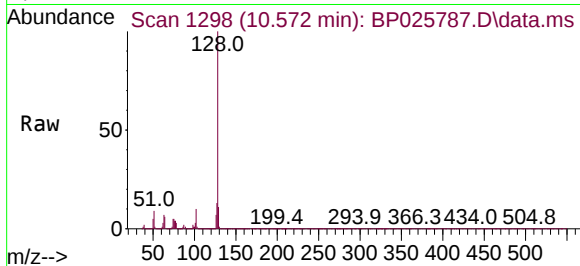




#31  
Naphthalene  
Concen: 42.571 ng  
RT: 10.572 min Scan# 1182  
Delta R.T. -0.006 min  
Lab File: BP025787.D  
Acq: 18 Sep 2025 18:46

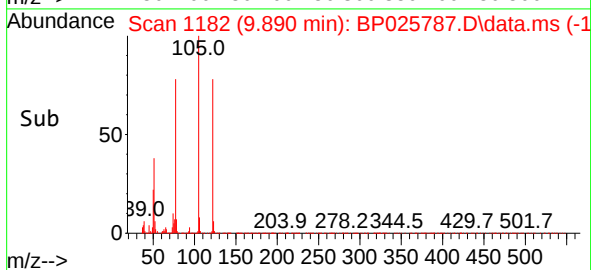
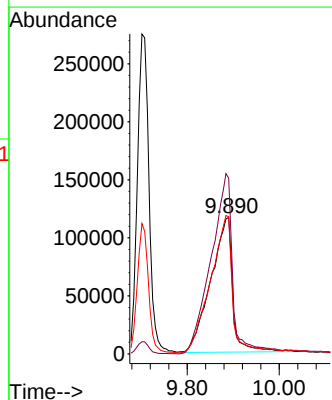
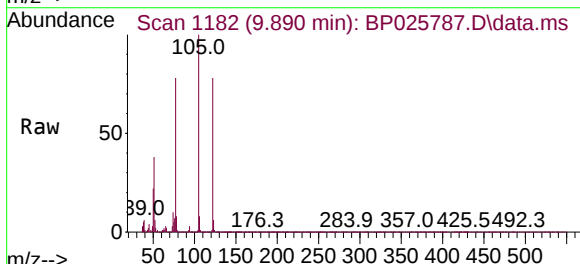
Instrument :  
BNA\_P  
ClientSampleId :  
PB169718BS

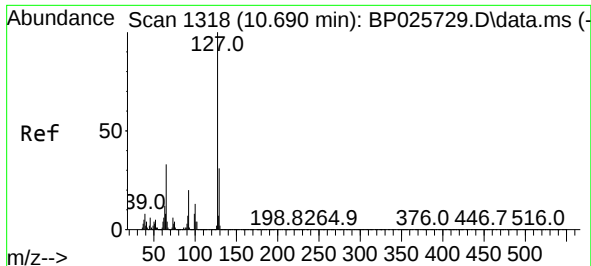
Tgt Ion:128 Resp: 1569174  
Ion Ratio Lower Upper  
128 100  
129 11.0 8.6 12.8  
127 13.1 10.2 15.4



#32  
Benzoic acid  
Concen: 47.603 ng  
RT: 9.890 min Scan# 1182  
Delta R.T. 0.012 min  
Lab File: BP025787.D  
Acq: 18 Sep 2025 18:46

Tgt Ion:122 Resp: 383250  
Ion Ratio Lower Upper  
122 100  
105 128.7 111.5 151.5  
77 100.5 81.8 121.8

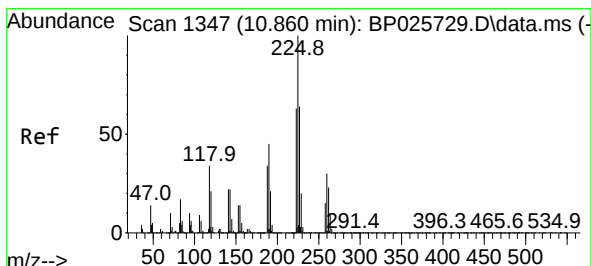
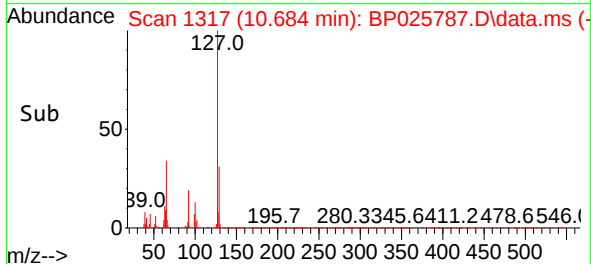
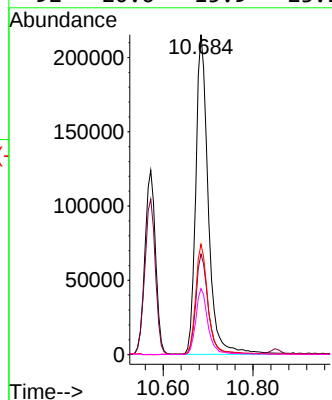
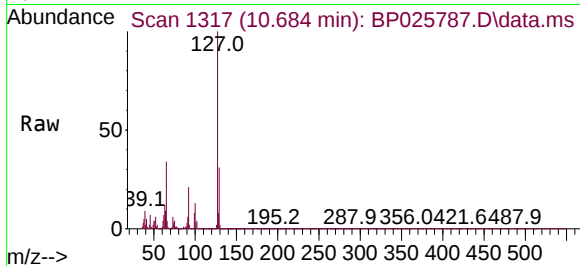




#33  
4-Chloroaniline  
Concen: 27.182 ng  
RT: 10.684 min Scan# 1318  
Delta R.T. -0.006 min  
Lab File: BP025787.D  
Acq: 18 Sep 2025 18:46

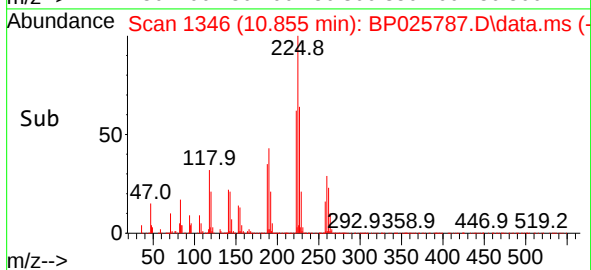
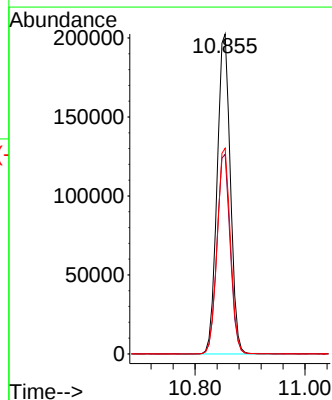
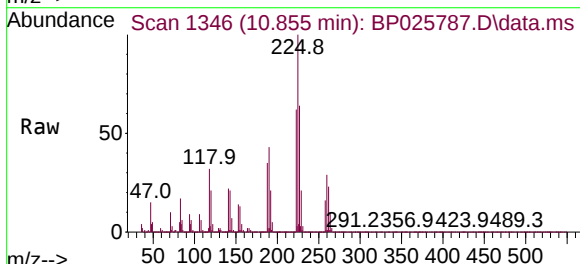
Instrument :  
BNA\_P  
ClientSampleId :  
PB169718BS

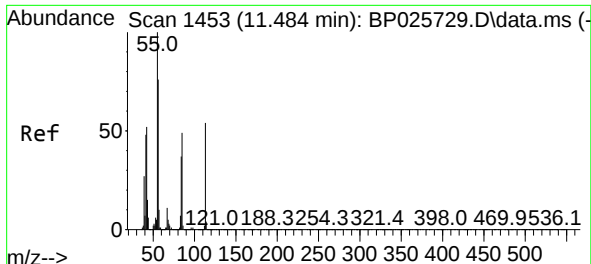
|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 127   | Resp: | 417609 |
| Ion      | Ratio | Lower | Upper  |
| 127      | 100   |       |        |
| 129      | 31.4  | 25.1  | 37.7   |
| 65       | 34.5  | 26.4  | 39.6   |
| 92       | 20.6  | 15.9  | 23.9   |



#34  
Hexachlorobutadiene  
Concen: 43.188 ng  
RT: 10.855 min Scan# 1346  
Delta R.T. -0.006 min  
Lab File: BP025787.D  
Acq: 18 Sep 2025 18:46

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 225   | Resp: | 338295 |
| Ion      | Ratio | Lower | Upper  |
| 225      | 100   |       |        |
| 223      | 62.4  | 50.1  | 75.1   |
| 227      | 64.3  | 51.2  | 76.8   |

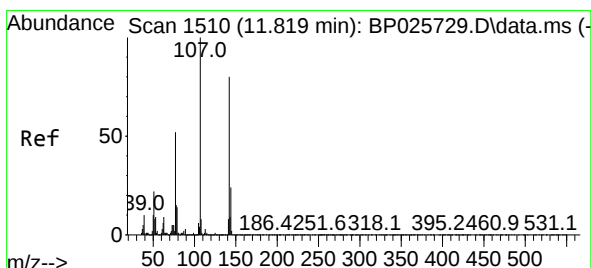
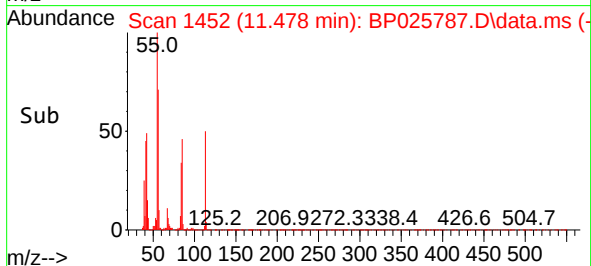
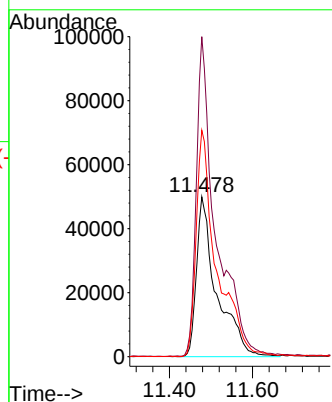
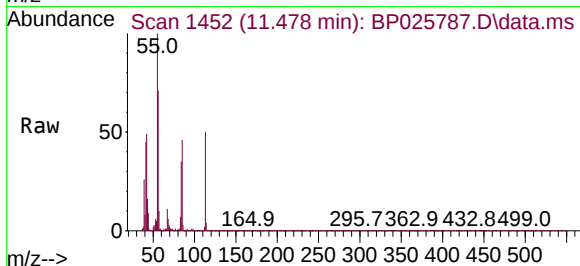




#35  
Caprolactam  
Concen: 40.480 ng  
RT: 11.478 min Scan# 14  
Delta R.T. -0.006 min  
Lab File: BP025787.D  
Acq: 18 Sep 2025 18:46

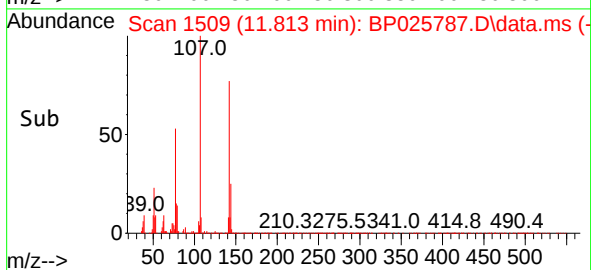
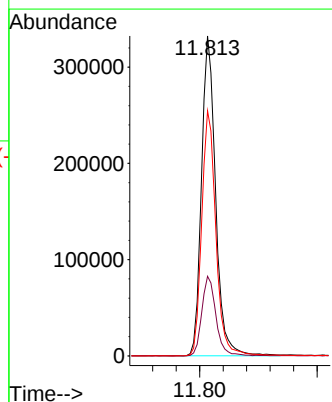
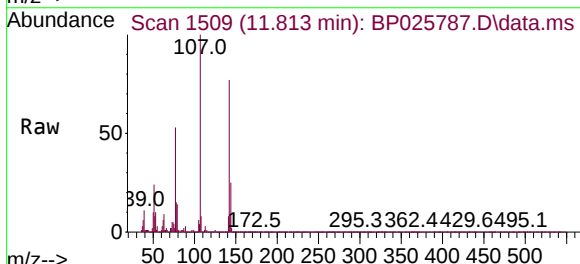
Instrument :  
BNA\_P  
ClientSampleId :  
PB169718BS

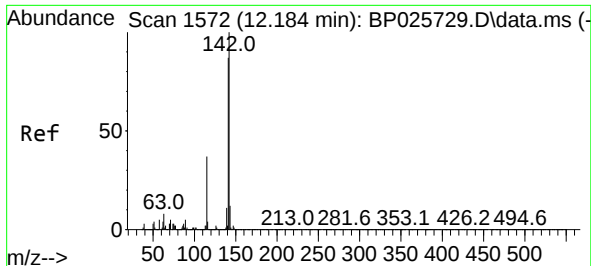
Tgt Ion:113 Resp: 168475  
Ion Ratio Lower Upper  
113 100  
55 200.3 165.5 205.5  
56 141.6 121.1 161.1



#36  
4-Chloro-3-methylphenol  
Concen: 43.109 ng  
RT: 11.813 min Scan# 1509  
Delta R.T. -0.006 min  
Lab File: BP025787.D  
Acq: 18 Sep 2025 18:46

Tgt Ion:107 Resp: 554902  
Ion Ratio Lower Upper  
107 100  
144 24.9 19.4 29.2  
142 76.6 63.8 95.6

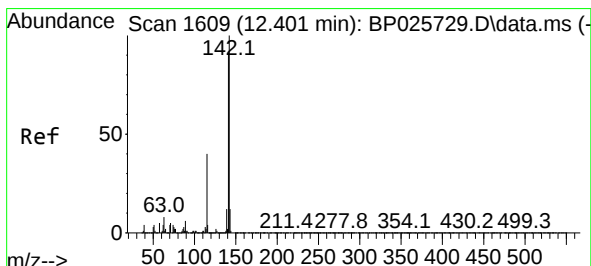
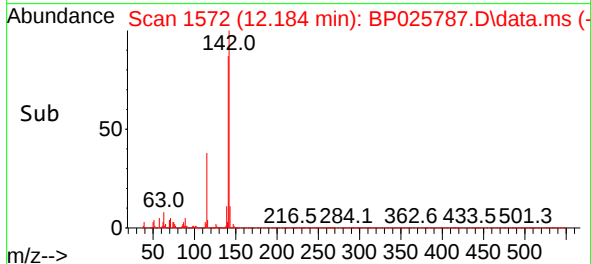
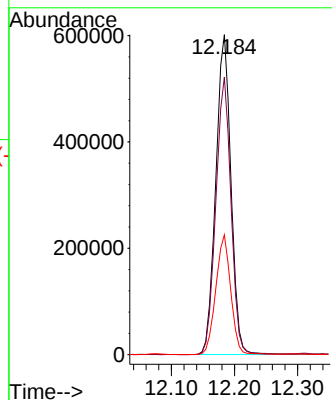
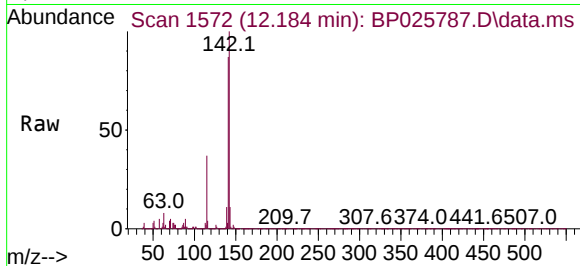




#37  
2-Methylnaphthalene  
Concen: 42.405 ng  
RT: 12.184 min Scan# 1572  
Delta R.T. 0.000 min  
Lab File: BP025787.D  
Acq: 18 Sep 2025 18:46

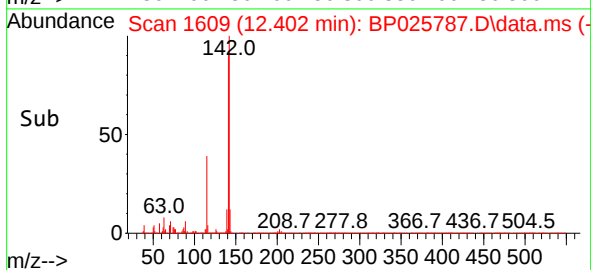
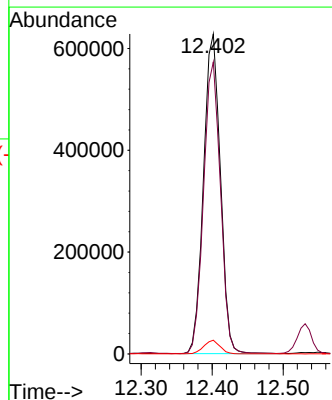
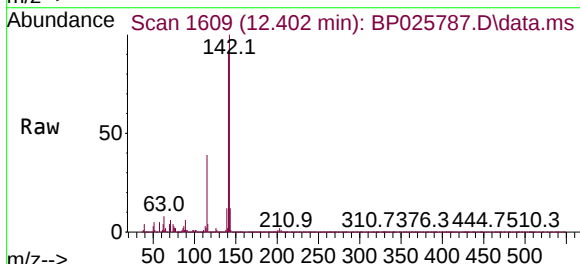
Instrument :  
BNA\_P  
ClientSampleId :  
PB169718BS

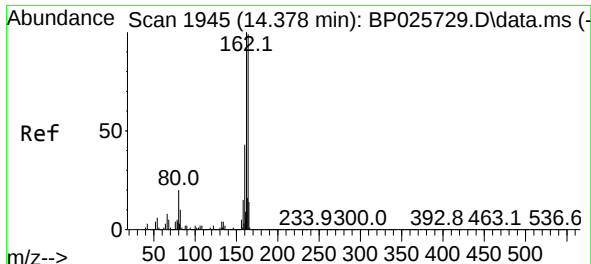
Tgt Ion:142 Resp: 1003915  
Ion Ratio Lower Upper  
142 100  
141 86.7 69.6 104.4  
115 37.4 30.0 45.0



#38  
1-Methylnaphthalene  
Concen: 40.832 ng  
RT: 12.402 min Scan# 1609  
Delta R.T. 0.000 min  
Lab File: BP025787.D  
Acq: 18 Sep 2025 18:46

Tgt Ion:142 Resp: 1030842  
Ion Ratio Lower Upper  
142 100  
141 91.2 72.7 109.1  
116 4.3 3.5 5.3

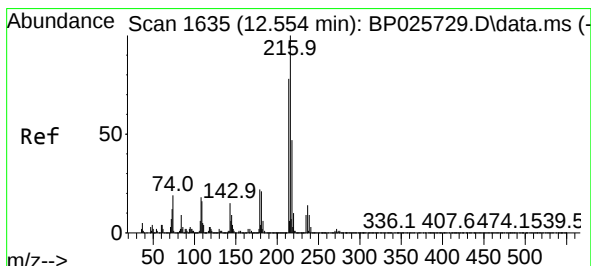
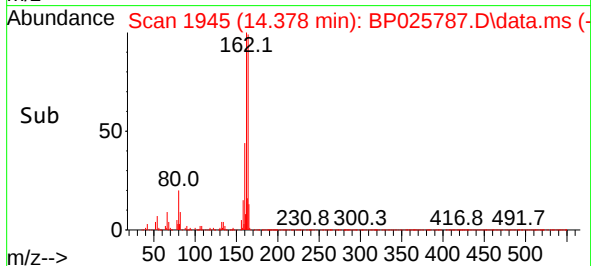
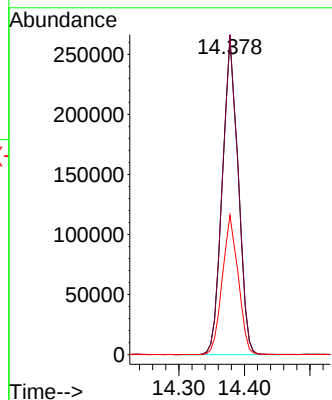
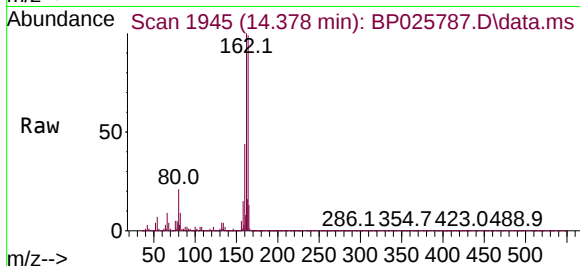




#39  
Acenaphthene-d10  
Concen: 20.000 ng  
RT: 14.378 min Scan# 1945  
Delta R.T. 0.000 min  
Lab File: BP025787.D  
Acq: 18 Sep 2025 18:46

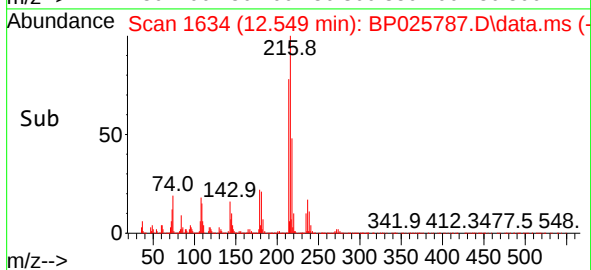
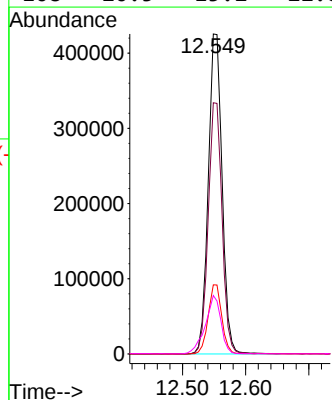
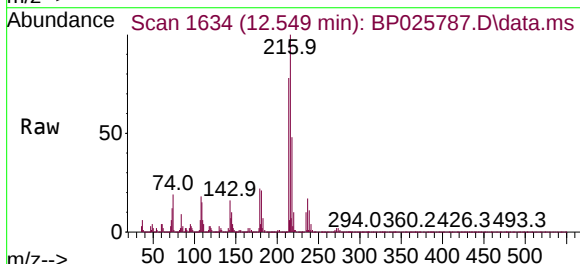
Instrument :  
BNA\_P  
ClientSampleId :  
PB169718BS

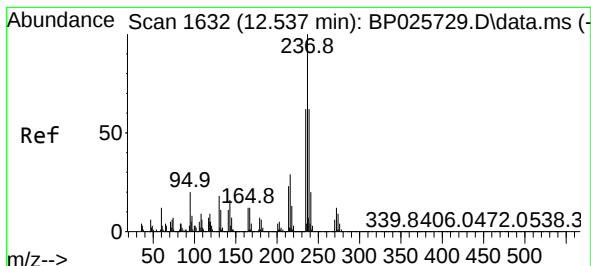
Tgt Ion:164 Resp: 444972  
Ion Ratio Lower Upper  
164 100  
162 101.4 80.6 120.8  
160 44.2 35.0 52.6



#40  
1,2,4,5-Tetrachlorobenzene  
Concen: 47.928 ng  
RT: 12.549 min Scan# 1634  
Delta R.T. -0.006 min  
Lab File: BP025787.D  
Acq: 18 Sep 2025 18:46

Tgt Ion:216 Resp: 646246  
Ion Ratio Lower Upper  
216 100  
214 78.6 62.4 93.6  
179 21.3 17.0 25.6  
108 20.5 15.2 22.8





#41

Hexachlorocyclopentadiene

Concen: 93.080 ng

RT: 12.531 min Scan# 1632

Delta R.T. -0.006 min

Lab File: BP025787.D

Acq: 18 Sep 2025 18:46

Instrument :

BNA\_P

ClientSampleId :

PB169718BS

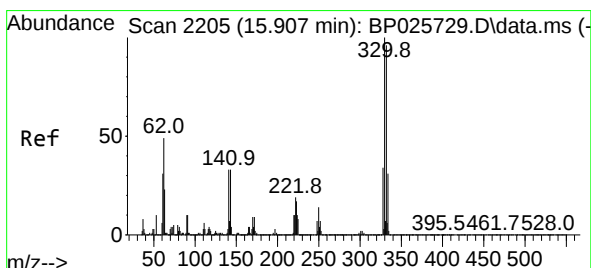
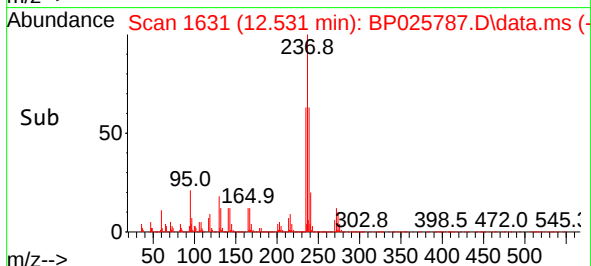
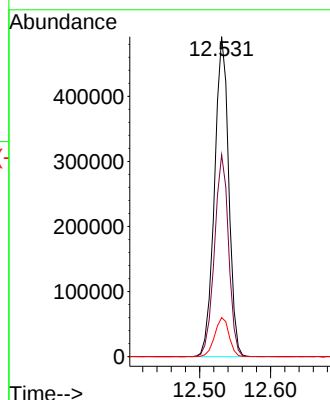
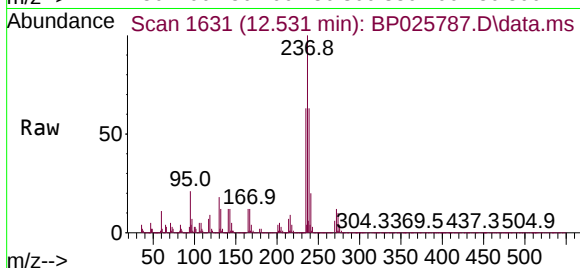
Tgt Ion:237 Resp: 683562

Ion Ratio Lower Upper

237 100

235 63.1 41.9 81.9

272 12.2 0.0 31.8



#42

2,4,6-Tribromophenol

Concen: 82.141 ng

RT: 15.895 min Scan# 2203

Delta R.T. -0.012 min

Lab File: BP025787.D

Acq: 18 Sep 2025 18:46

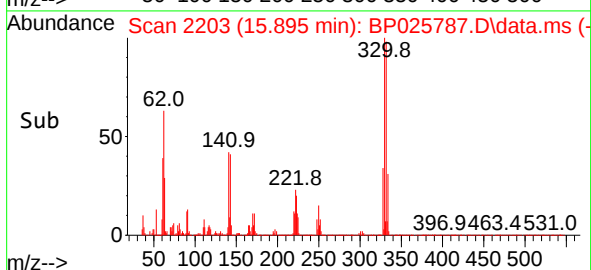
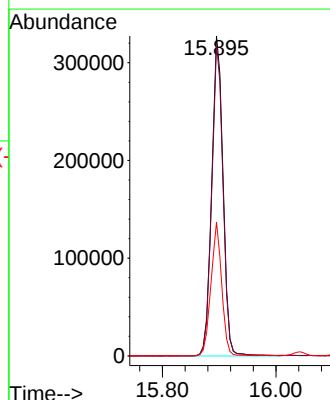
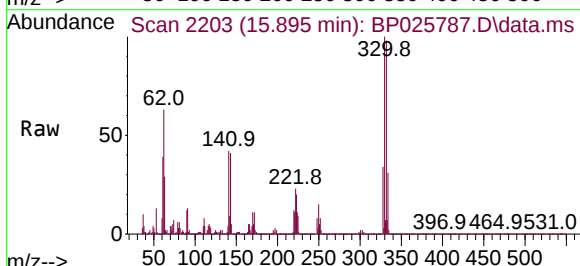
Tgt Ion:330 Resp: 455892

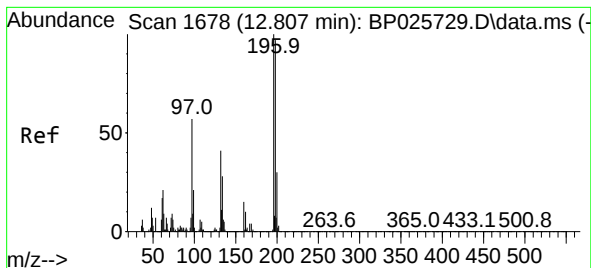
Ion Ratio Lower Upper

330 100

332 96.7 76.9 115.3

141 39.7 31.0 46.4





#43

2,4,6-Trichlorophenol

Concen: 45.586 ng

RT: 12.802 min Scan# 1678

Delta R.T. -0.006 min

Lab File: BP025787.D

Acq: 18 Sep 2025 18:46

Instrument :

BNA\_P

ClientSampleId :

PB169718BS

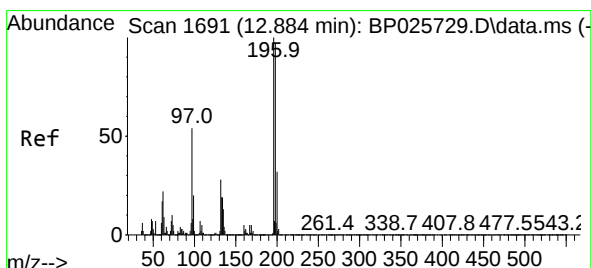
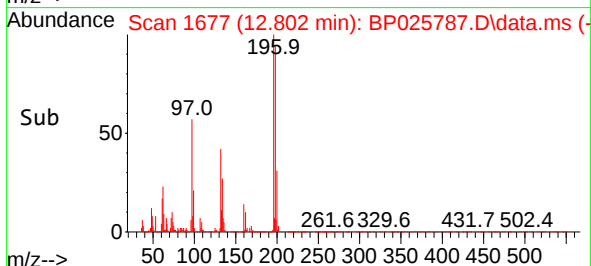
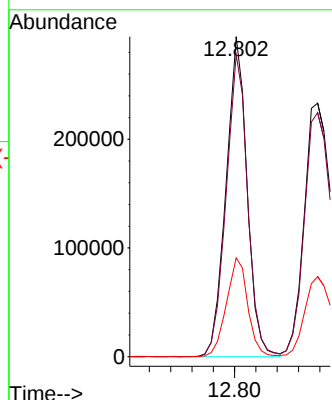
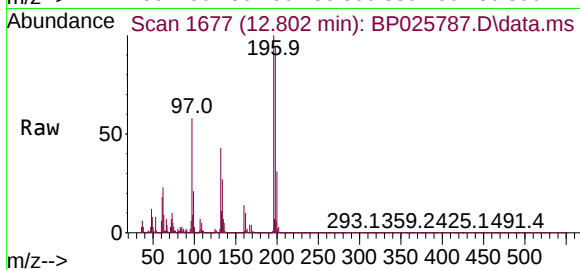
Tgt Ion:196 Resp: 404085

Ion Ratio Lower Upper

196 100

198 94.4 77.2 115.8

200 30.9 24.2 36.2



#44

2,4,5-Trichlorophenol

Concen: 45.759 ng

RT: 12.878 min Scan# 1690

Delta R.T. -0.006 min

Lab File: BP025787.D

Acq: 18 Sep 2025 18:46

Tgt Ion:196 Resp: 451422

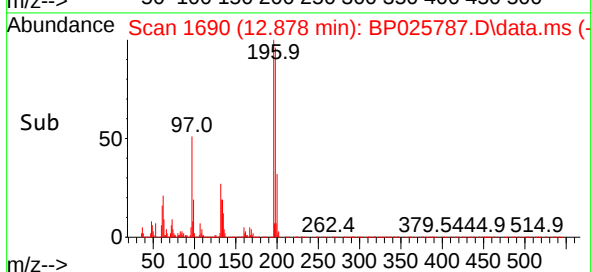
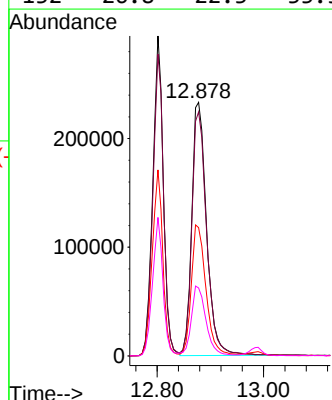
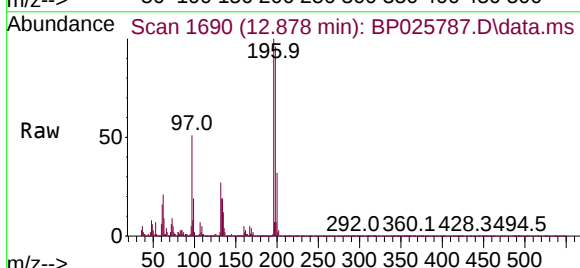
Ion Ratio Lower Upper

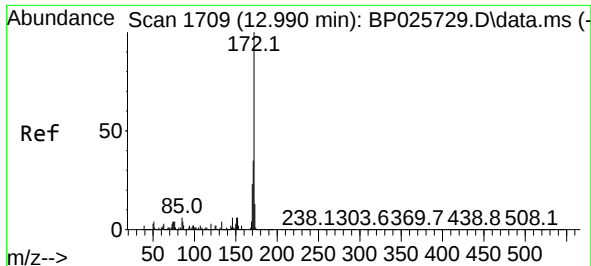
196 100

198 96.2 77.8 116.8

97 50.6 43.3 64.9

132 26.8 22.3 33.5

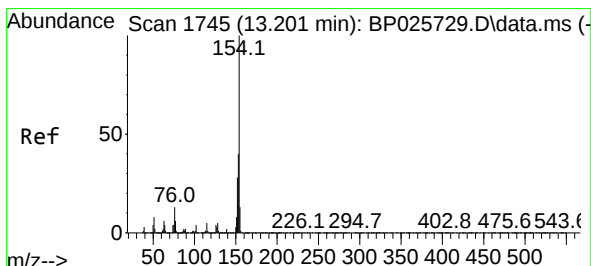
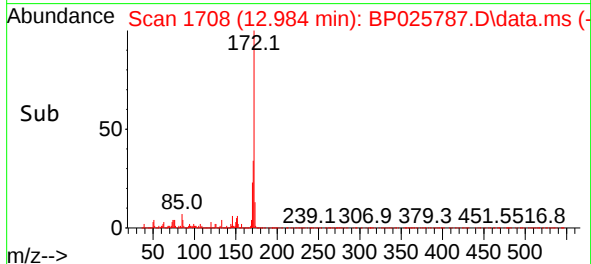
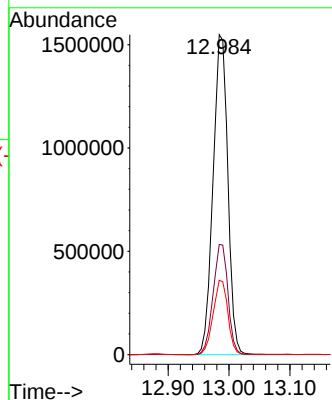
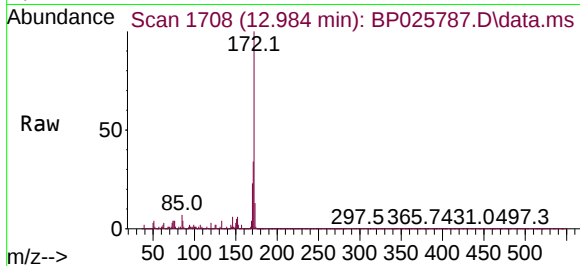




#45  
2-Fluorobiphenyl  
Concen: 78.089 ng  
RT: 12.984 min Scan# 1708  
Delta R.T. -0.006 min  
Lab File: BP025787.D  
Acq: 18 Sep 2025 18:46

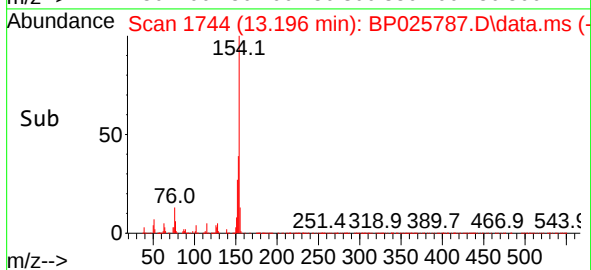
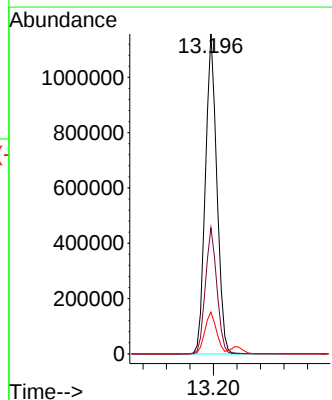
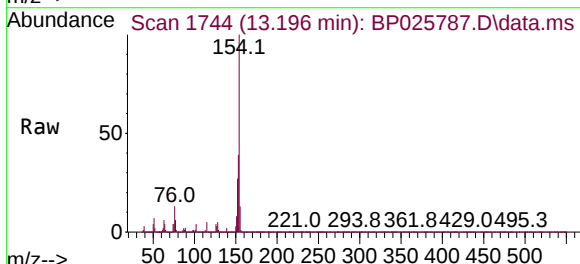
Instrument :  
BNA\_P  
ClientSampleId :  
PB169718BS

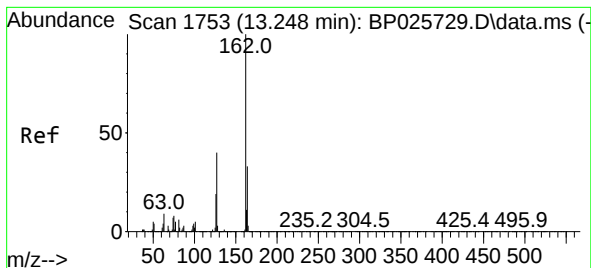
Tgt Ion:172 Resp: 2609618  
Ion Ratio Lower Upper  
172 100  
171 34.4 27.8 41.6  
170 23.2 18.6 27.8



#46  
1,1'-Biphenyl  
Concen: 48.040 ng  
RT: 13.196 min Scan# 1744  
Delta R.T. -0.006 min  
Lab File: BP025787.D  
Acq: 18 Sep 2025 18:46

Tgt Ion:154 Resp: 1569030  
Ion Ratio Lower Upper  
154 100  
153 39.4 19.7 59.7  
76 13.0 0.0 33.3

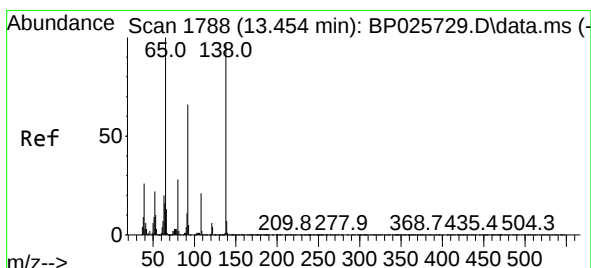
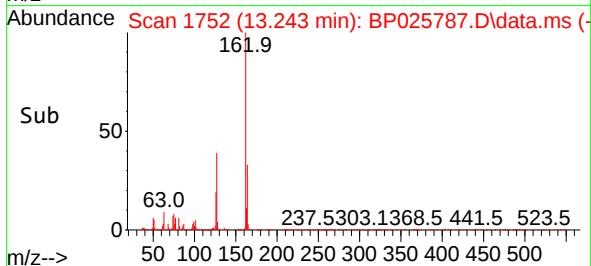
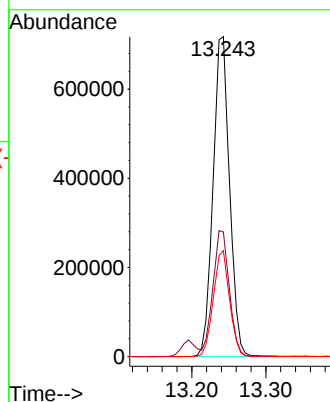
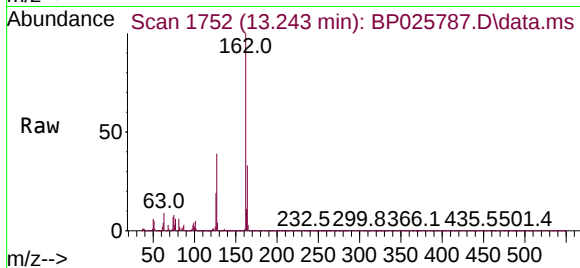




#47  
2-Chloronaphthalene  
Concen: 43.139 ng  
RT: 13.243 min Scan# 1753  
Delta R.T. -0.006 min  
Lab File: BP025787.D  
Acq: 18 Sep 2025 18:46

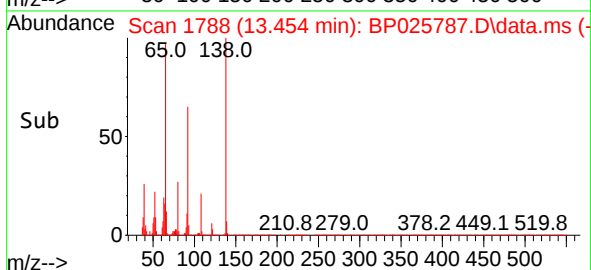
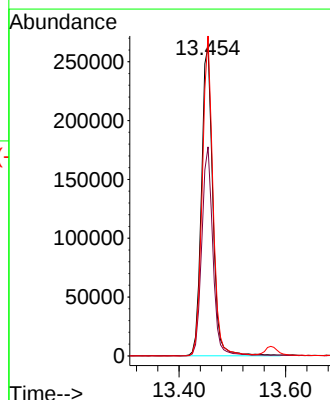
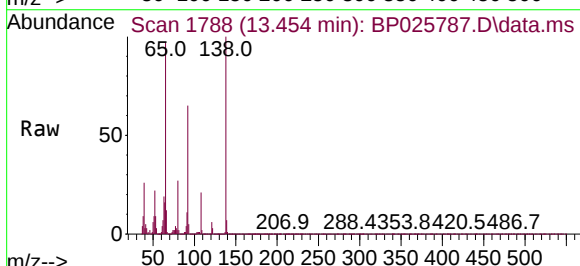
Instrument :  
BNA\_P  
ClientSampleId :  
PB169718BS

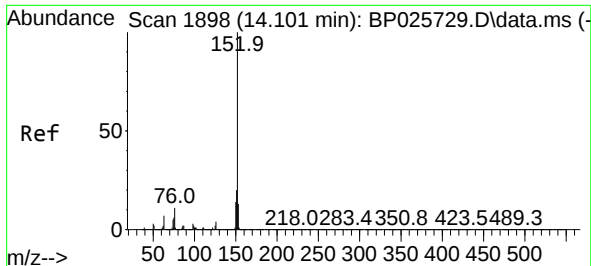
Tgt Ion:162 Resp: 1109421  
Ion Ratio Lower Upper  
162 100  
127 38.9 32.2 48.4  
164 33.1 26.5 39.7



#48  
2-Nitroaniline  
Concen: 45.241 ng  
RT: 13.454 min Scan# 1788  
Delta R.T. 0.000 min  
Lab File: BP025787.D  
Acq: 18 Sep 2025 18:46

Tgt Ion: 65 Resp: 387837  
Ion Ratio Lower Upper  
65 100  
92 67.6 53.1 79.7  
138 103.4 77.8 116.8

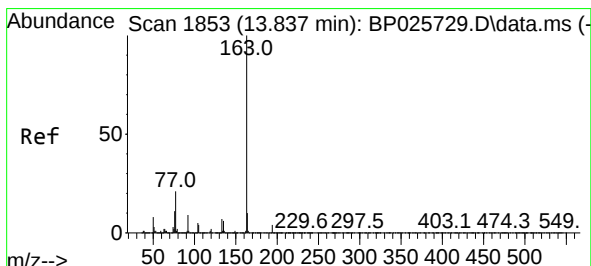
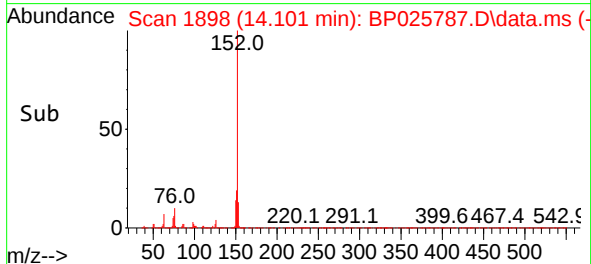
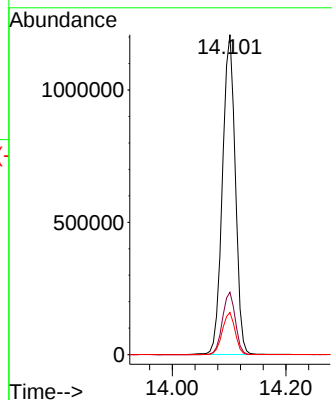
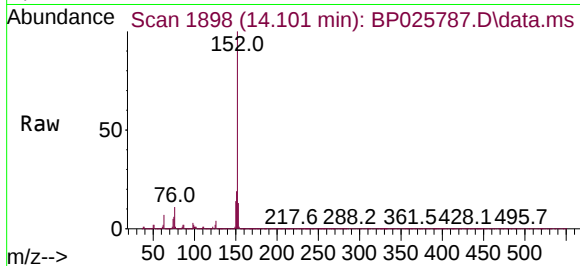




#49  
Acenaphthylene  
Concen: 44.414 ng  
RT: 14.101 min Scan# 1898  
Delta R.T. 0.000 min  
Lab File: BP025787.D  
Acq: 18 Sep 2025 18:46

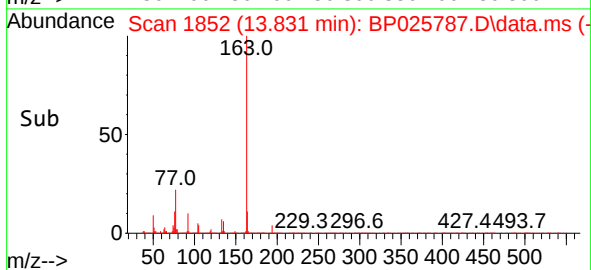
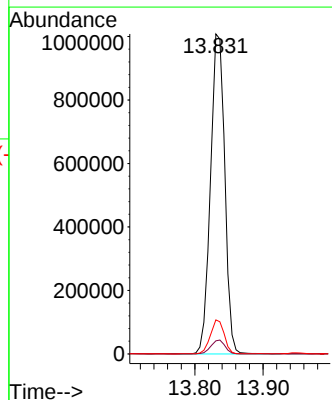
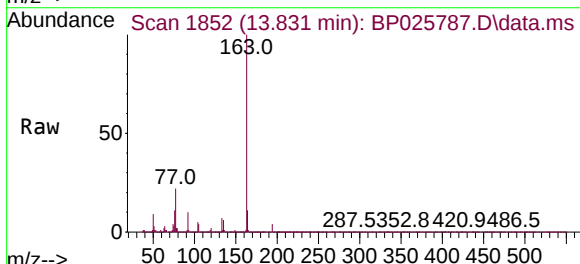
Instrument :  
BNA\_P  
ClientSampleId :  
PB169718BS

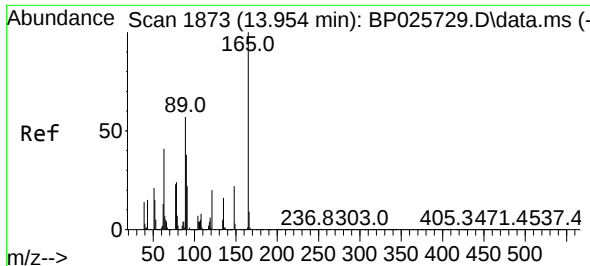
Tgt Ion:152 Resp: 1892529  
Ion Ratio Lower Upper  
152 100  
151 19.5 15.8 23.6  
153 13.2 10.5 15.7



#50  
Dimethylphthalate  
Concen: 43.159 ng  
RT: 13.831 min Scan# 1852  
Delta R.T. -0.006 min  
Lab File: BP025787.D  
Acq: 18 Sep 2025 18:46

Tgt Ion:163 Resp: 1466209  
Ion Ratio Lower Upper  
163 100  
194 4.1 3.4 5.2  
164 10.6 8.2 12.2

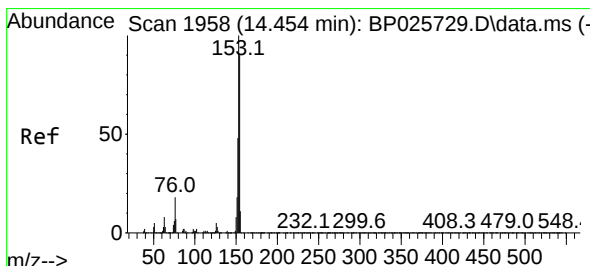
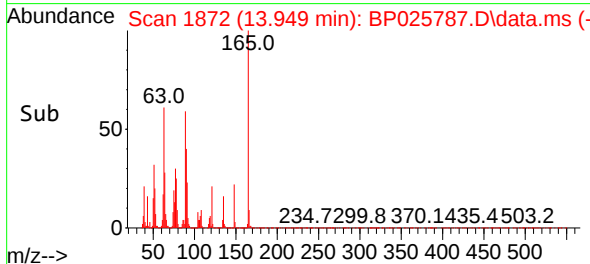
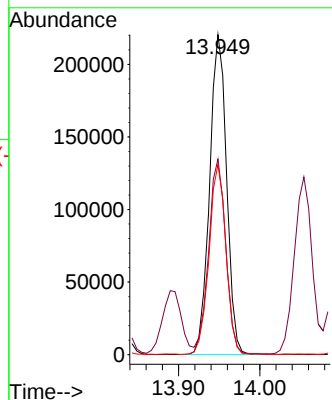
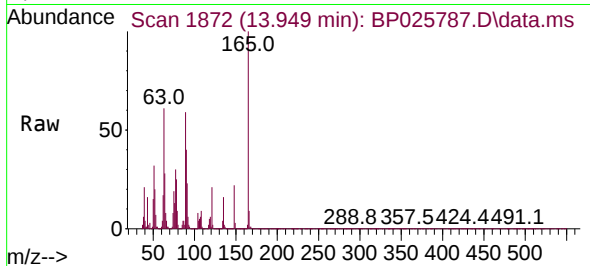




#51  
2,6-Dinitrotoluene  
Concen: 44.670 ng  
RT: 13.949 min Scan# 1873  
Delta R.T. -0.006 min  
Lab File: BP025787.D  
Acq: 18 Sep 2025 18:46

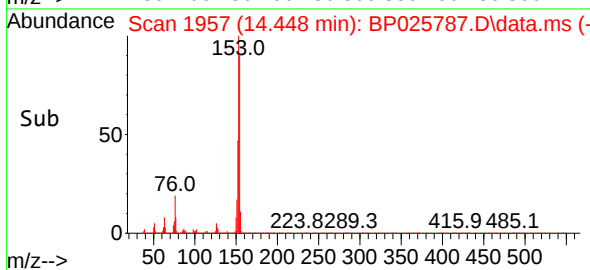
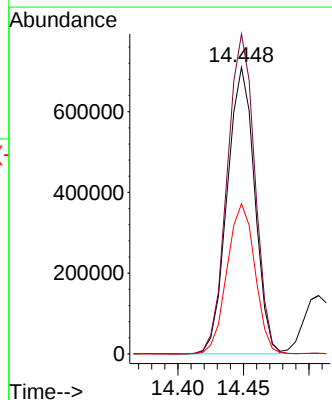
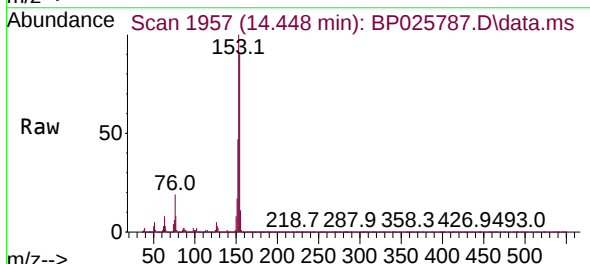
Instrument :  
BNA\_P  
ClientSampleId :  
PB169718BS

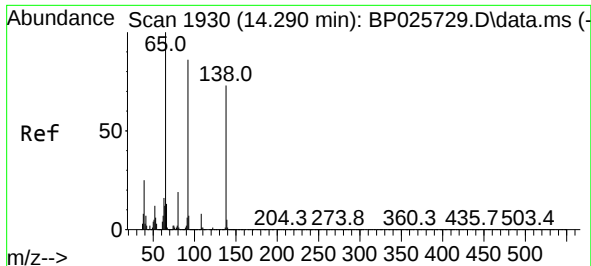
Tgt Ion:165 Resp: 321516  
Ion Ratio Lower Upper  
165 100  
63 61.1 48.1 72.1  
89 59.4 45.4 68.0



#52  
Acenaphthene  
Concen: 42.174 ng  
RT: 14.448 min Scan# 1957  
Delta R.T. -0.006 min  
Lab File: BP025787.D  
Acq: 18 Sep 2025 18:46

Tgt Ion:154 Resp: 1036364  
Ion Ratio Lower Upper  
154 100  
153 111.6 89.4 134.0  
152 52.4 42.5 63.7

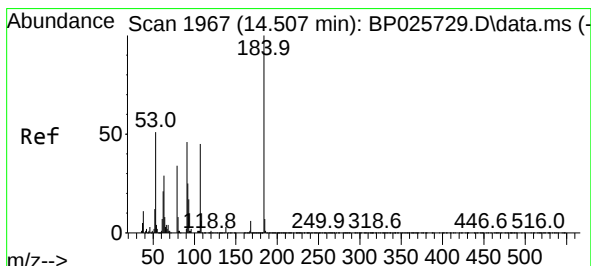
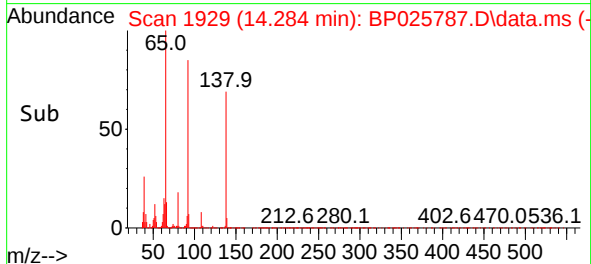
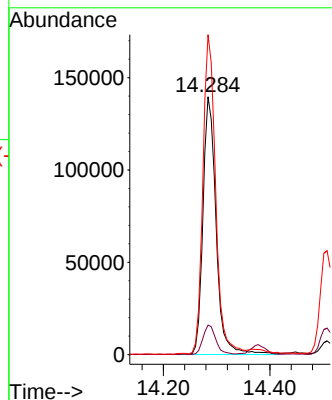
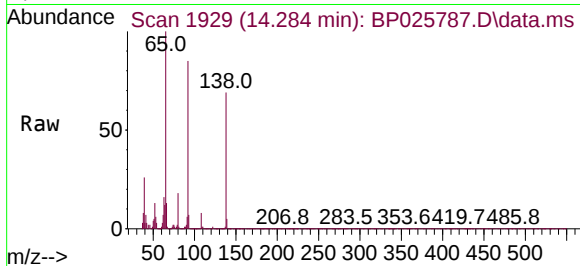




#53  
3-Nitroaniline  
Concen: 31.512 ng  
RT: 14.284 min Scan# 1929  
Delta R.T. -0.006 min  
Lab File: BP025787.D  
Acq: 18 Sep 2025 18:46

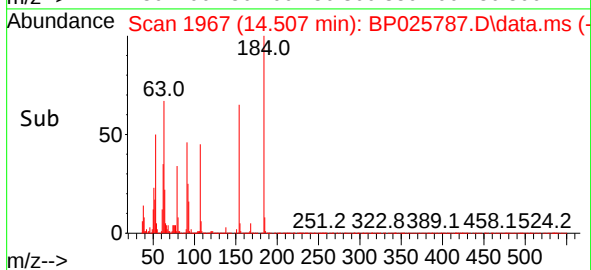
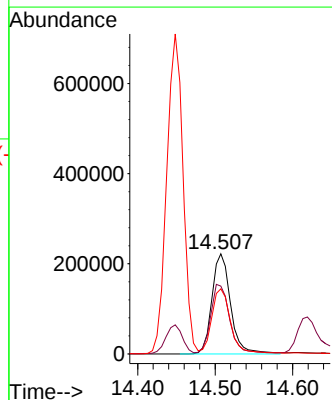
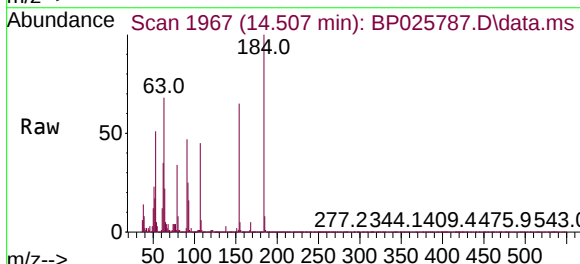
Instrument :  
BNA\_P  
ClientSampleId :  
PB169718BS

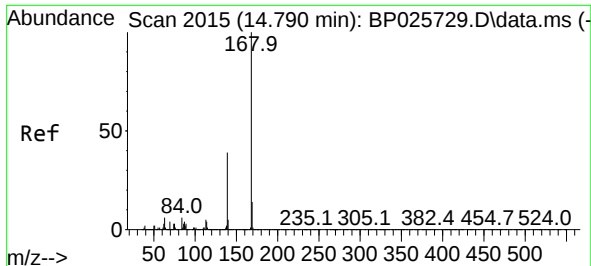
Tgt Ion:138 Resp: 238507  
Ion Ratio Lower Upper  
138 100  
108 11.5 8.7 13.1  
92 124.1 94.6 142.0



#54  
2,4-Dinitrophenol  
Concen: 79.463 ng  
RT: 14.507 min Scan# 1967  
Delta R.T. 0.000 min  
Lab File: BP025787.D  
Acq: 18 Sep 2025 18:46

Tgt Ion:184 Resp: 371699  
Ion Ratio Lower Upper  
184 100  
63 67.7 52.5 78.7  
154 65.0 51.5 77.3

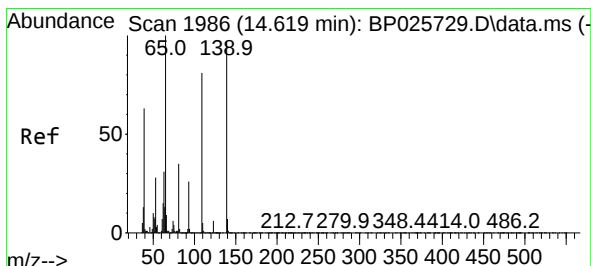
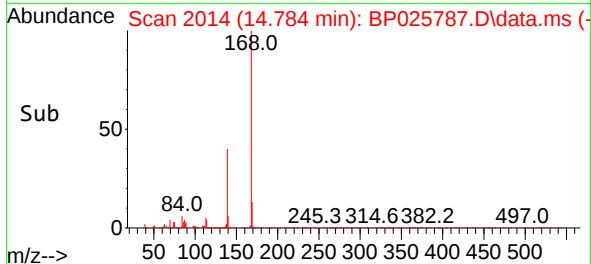
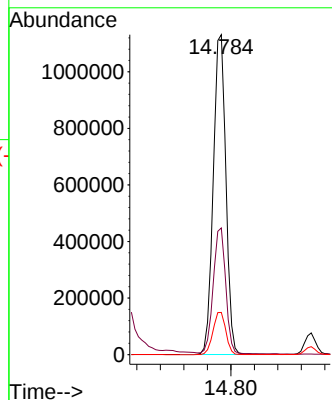
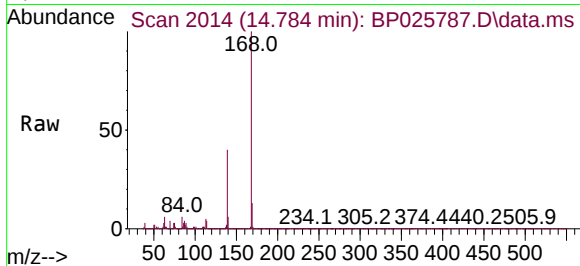




#55  
Dibenzofuran  
Concen: 42.057 ng  
RT: 14.784 min Scan# 2015  
Delta R.T. -0.006 min  
Lab File: BP025787.D  
Acq: 18 Sep 2025 18:46

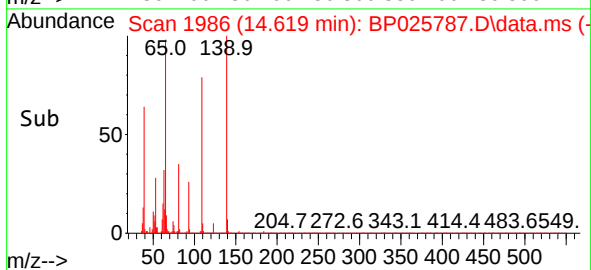
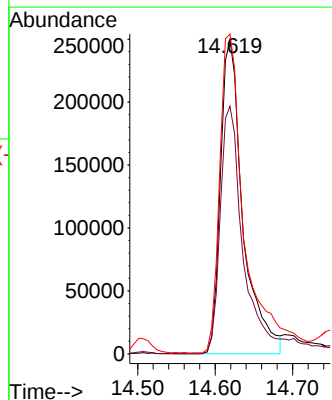
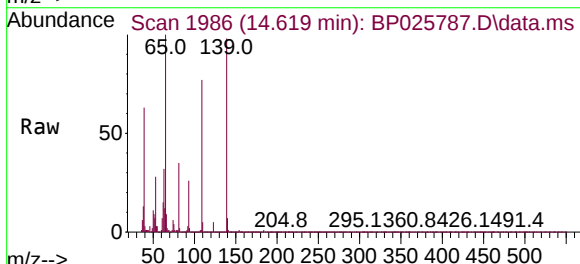
Instrument :  
BNA\_P  
ClientSampleId :  
PB169718BS

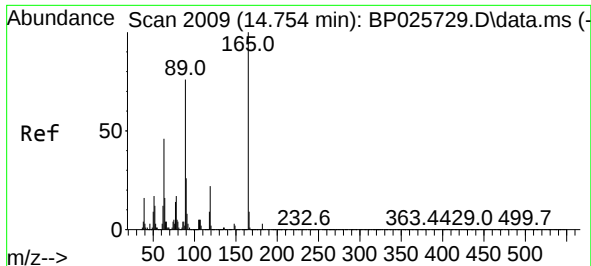
Tgt Ion:168 Resp: 1684376  
Ion Ratio Lower Upper  
168 100  
139 39.6 31.7 47.5  
169 13.2 10.8 16.2



#56  
4-Nitrophenol  
Concen: 77.349 ng  
RT: 14.619 min Scan# 1986  
Delta R.T. 0.000 min  
Lab File: BP025787.D  
Acq: 18 Sep 2025 18:46

Tgt Ion:139 Resp: 503133  
Ion Ratio Lower Upper  
139 100  
109 78.8 62.9 102.9  
65 101.9 83.4 123.4

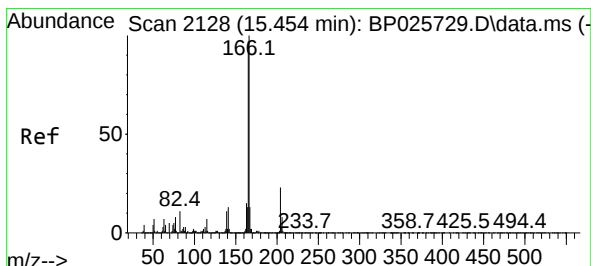
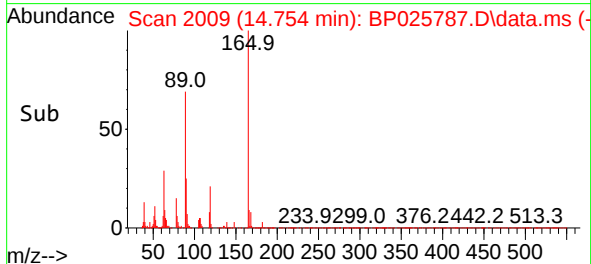
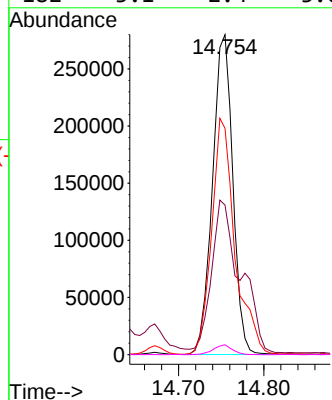
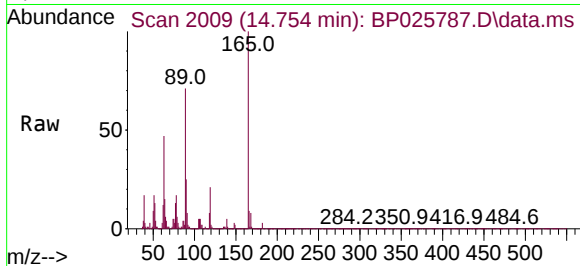




#57  
2,4-Dinitrotoluene  
Concen: 45.230 ng  
RT: 14.754 min Scan# 2009  
Delta R.T. 0.000 min  
Lab File: BP025787.D  
Acq: 18 Sep 2025 18:46

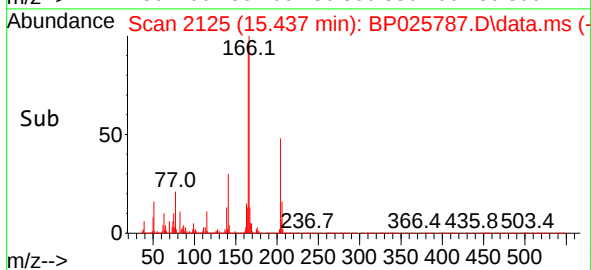
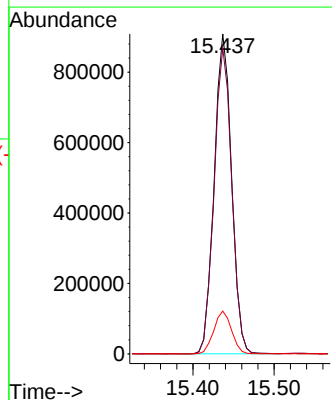
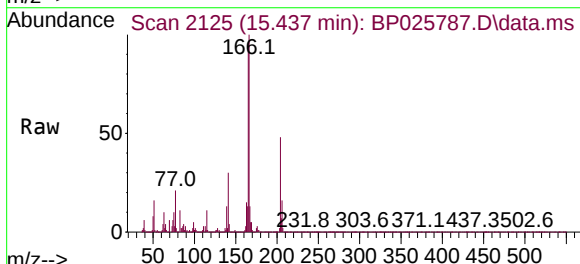
Instrument :  
BNA\_P  
ClientSampleId :  
PB169718BS

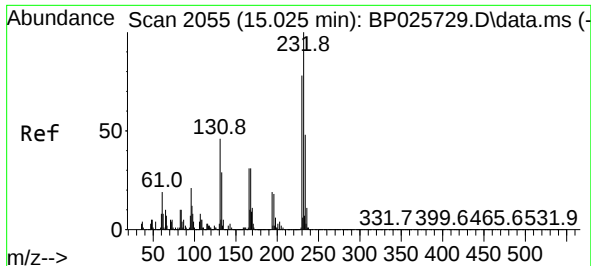
Tgt Ion:165 Resp: 463292  
Ion Ratio Lower Upper  
165 100  
63 46.7 37.7 56.5  
89 70.7 61.0 91.6  
182 3.1 2.4 3.6



#58  
Fluorene  
Concen: 42.462 ng  
RT: 15.437 min Scan# 2125  
Delta R.T. -0.018 min  
Lab File: BP025787.D  
Acq: 18 Sep 2025 18:46

Tgt Ion:166 Resp: 1352289  
Ion Ratio Lower Upper  
166 100  
165 95.6 77.7 116.5  
167 13.4 10.6 16.0





#59

2,3,4,6-Tetrachlorophenol

Concen: 44.462 ng

RT: 15.013 min Scan# 2053

Delta R.T. -0.012 min

Lab File: BP025787.D

Acq: 18 Sep 2025 18:46

Instrument :

BNA\_P

ClientSampleId :

PB169718BS

Tgt Ion:232 Resp: 395127

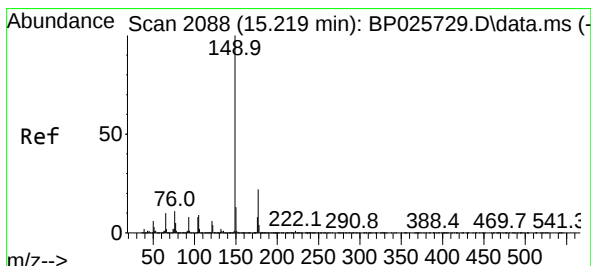
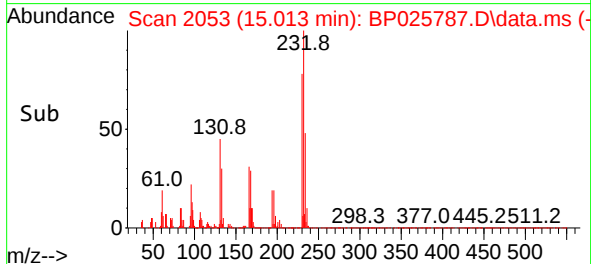
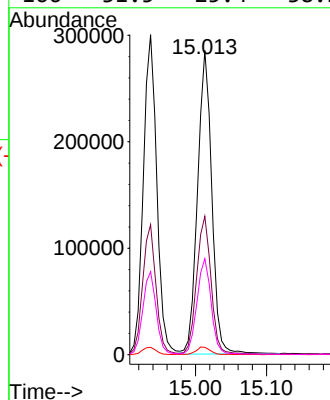
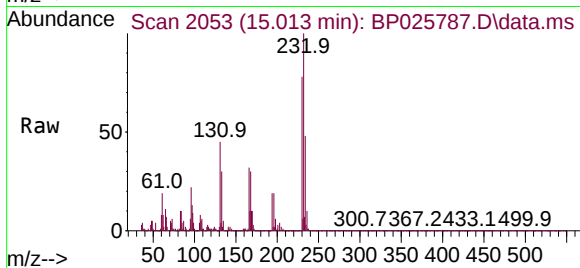
Ion Ratio Lower Upper

232 100

131 46.1 36.7 55.1

130 2.5 2.0 3.0

166 31.5 25.4 38.2



#60

Diethylphthalate

Concen: 43.950 ng

RT: 15.213 min Scan# 2087

Delta R.T. -0.006 min

Lab File: BP025787.D

Acq: 18 Sep 2025 18:46

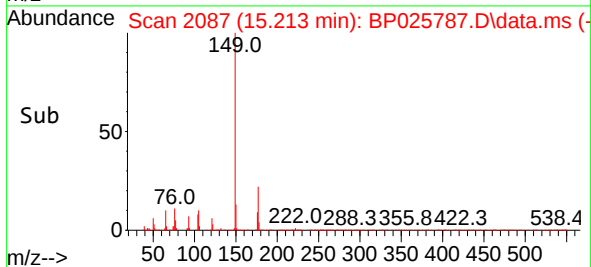
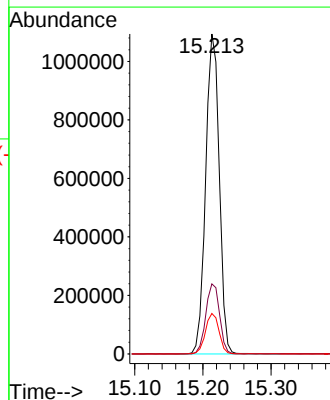
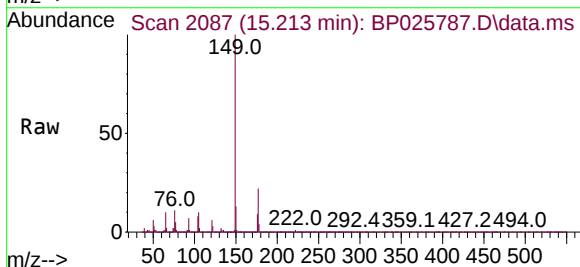
Tgt Ion:149 Resp: 1514516

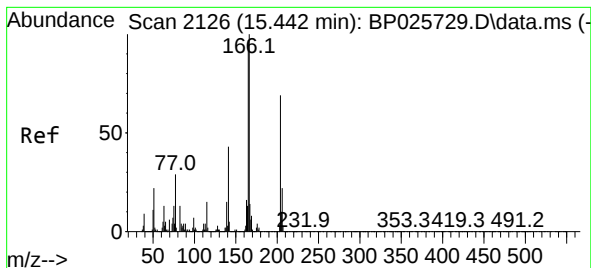
Ion Ratio Lower Upper

149 100

177 21.9 17.7 26.5

150 12.6 10.0 15.0

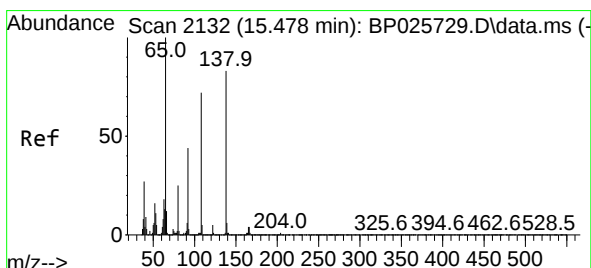
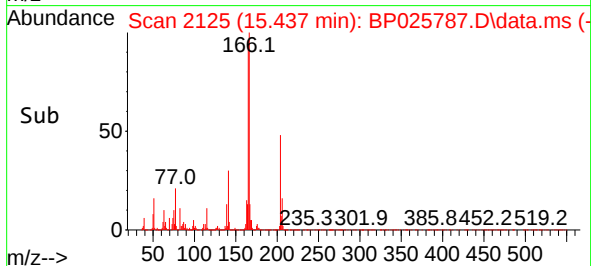
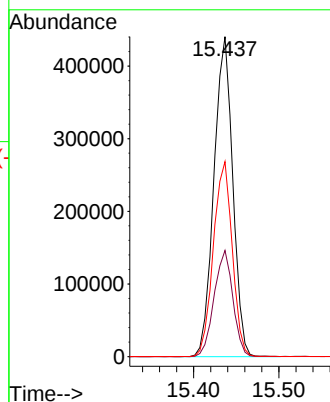
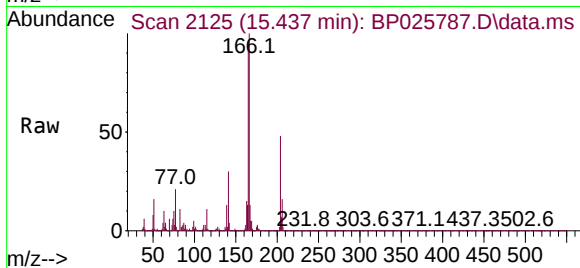




#61  
4-Chlorophenyl-phenylether  
Concen: 42.095 ng  
RT: 15.437 min Scan# 2126  
Delta R.T. -0.006 min  
Lab File: BP025787.D  
Acq: 18 Sep 2025 18:46

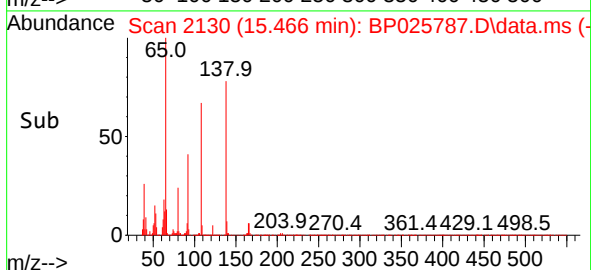
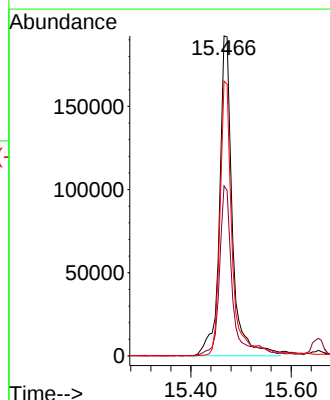
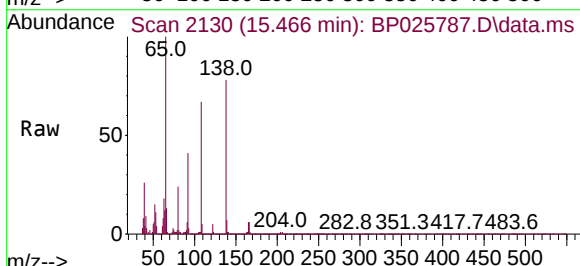
Instrument :  
BNA\_P  
ClientSampleId :  
PB169718BS

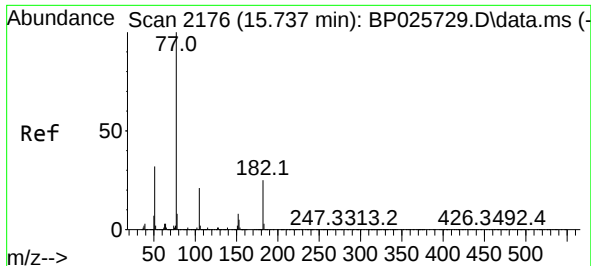
Tgt Ion:204 Resp: 675630  
Ion Ratio Lower Upper  
204 100  
206 33.2 26.0 39.0  
141 60.9 49.7 74.5



#62  
4-Nitroaniline  
Concen: 44.232 ng  
RT: 15.466 min Scan# 2130  
Delta R.T. -0.012 min  
Lab File: BP025787.D  
Acq: 18 Sep 2025 18:46

Tgt Ion:138 Resp: 342971  
Ion Ratio Lower Upper  
138 100  
92 53.1 33.3 73.3  
108 85.9 66.7 106.7

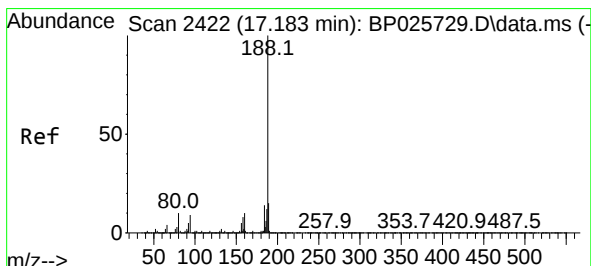
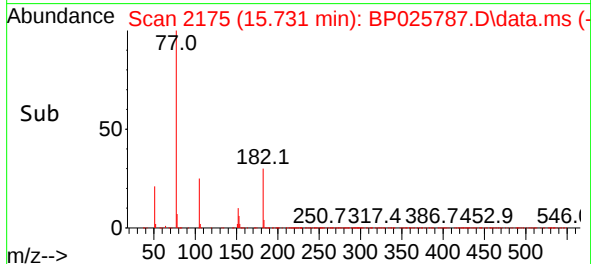
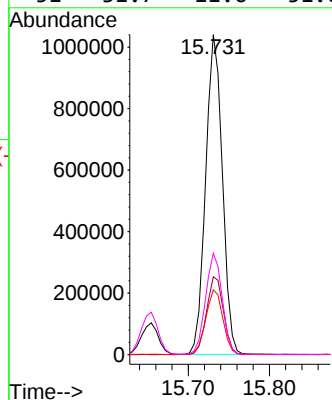
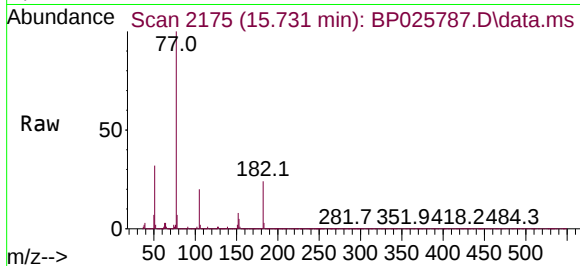




#63  
Azobenzene  
Concen: 44.682 ng  
RT: 15.731 min Scan# 2176  
Delta R.T. -0.006 min  
Lab File: BP025787.D  
Acq: 18 Sep 2025 18:46

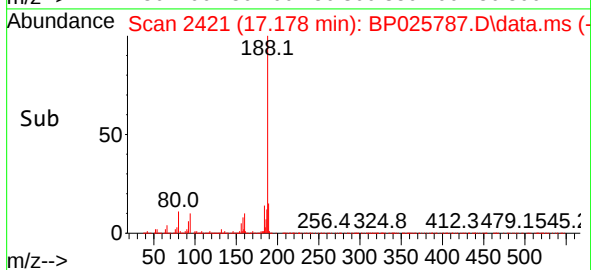
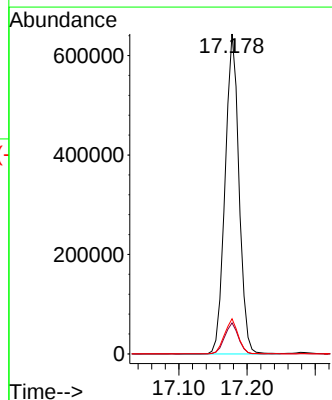
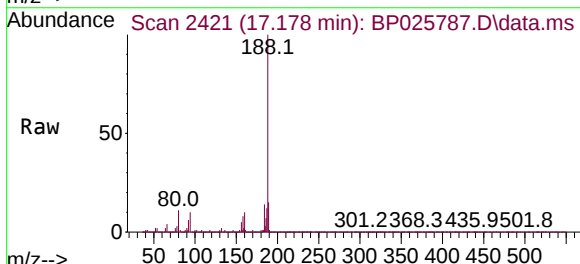
Instrument :  
BNA\_P  
ClientSampleId :  
PB169718BS

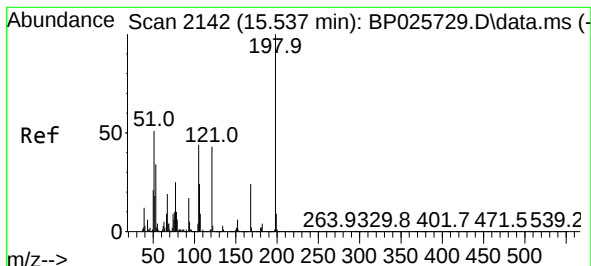
Tgt Ion: 77 Resp: 1488800  
Ion Ratio Lower Upper  
77 100  
182 24.3 5.2 45.2  
105 20.2 1.1 41.1  
51 31.7 11.6 51.6



#64  
Phenanthrene-d10  
Concen: 20.000 ng  
RT: 17.178 min Scan# 2421  
Delta R.T. -0.006 min  
Lab File: BP025787.D  
Acq: 18 Sep 2025 18:46

Tgt Ion:188 Resp: 903856  
Ion Ratio Lower Upper  
188 100  
94 9.7 7.4 11.0  
80 11.0 7.7 11.5

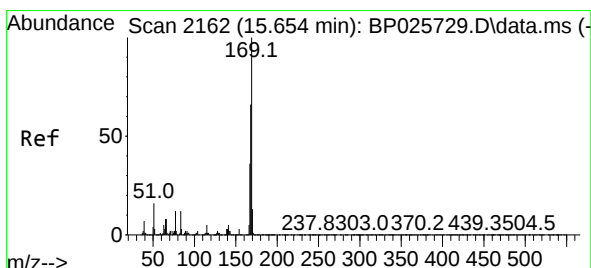
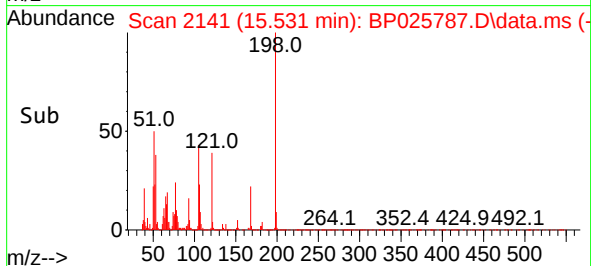
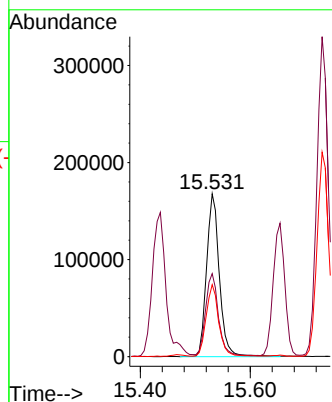
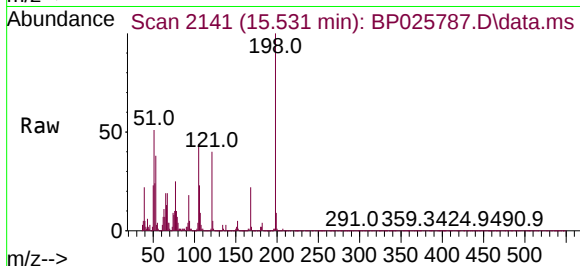




#65  
4,6-Dinitro-2-methylphenol  
Concen: 44.911 ng  
RT: 15.531 min Scan# 2141  
Delta R.T. -0.006 min  
Lab File: BP025787.D  
Acq: 18 Sep 2025 18:46

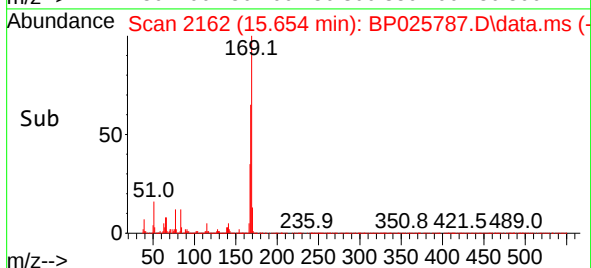
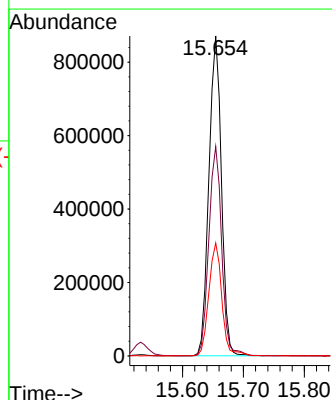
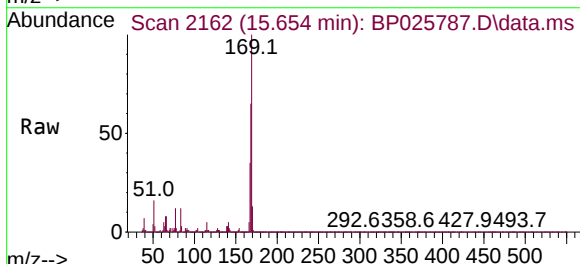
Instrument :  
BNA\_P  
ClientSampleId :  
PB169718BS

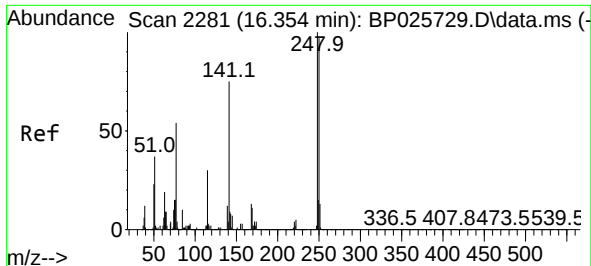
Tgt Ion:198 Resp: 269957  
Ion Ratio Lower Upper  
198 100  
51 50.9 33.4 73.4  
105 44.2 24.3 64.3



#66  
n-Nitrosodiphenylamine  
Concen: 44.970 ng  
RT: 15.654 min Scan# 2162  
Delta R.T. 0.000 min  
Lab File: BP025787.D  
Acq: 18 Sep 2025 18:46

Tgt Ion:169 Resp: 1243888  
Ion Ratio Lower Upper  
169 100  
168 65.4 52.6 78.8  
167 35.3 28.5 42.7

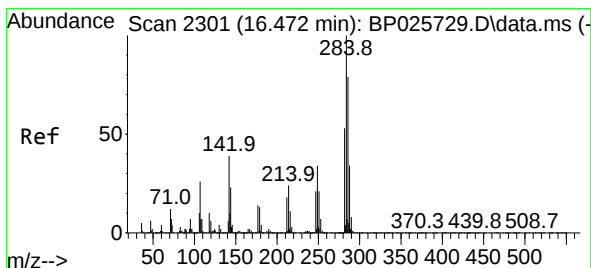
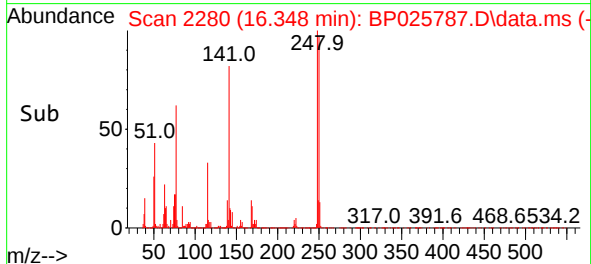
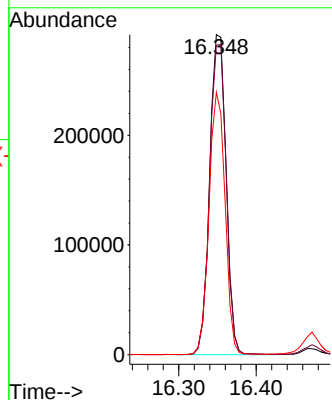
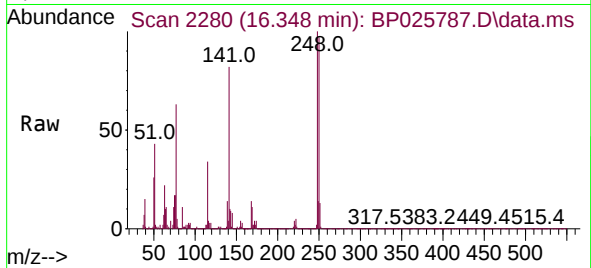




#67  
4-Bromophenyl-phenylether  
Concen: 43.292 ng  
RT: 16.348 min Scan# 2281  
Delta R.T. -0.006 min  
Lab File: BP025787.D  
Acq: 18 Sep 2025 18:46

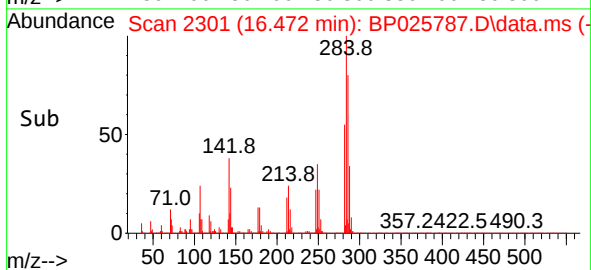
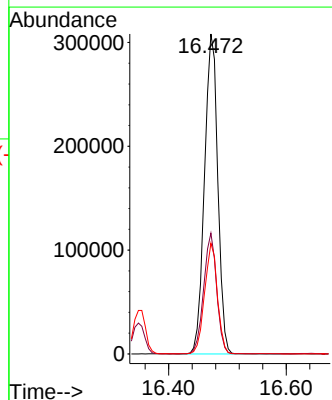
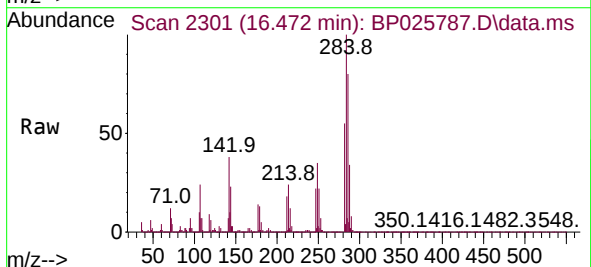
Instrument :  
BNA\_P  
ClientSampleId :  
PB169718BS

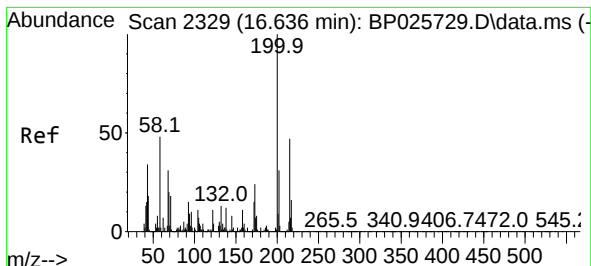
Tgt Ion:248 Resp: 429869  
Ion Ratio Lower Upper  
248 100  
250 96.7 77.5 116.3  
141 82.0 60.2 90.4



#68  
Hexachlorobenzene  
Concen: 43.686 ng  
RT: 16.472 min Scan# 2301  
Delta R.T. 0.000 min  
Lab File: BP025787.D  
Acq: 18 Sep 2025 18:46

Tgt Ion:284 Resp: 483750  
Ion Ratio Lower Upper  
284 100  
142 37.7 31.3 46.9  
249 34.6 27.3 40.9





#69

Atrazine

Concen: 45.376 ng

RT: 16.642 min Scan# 2329

Delta R.T. 0.006 min

Lab File: BP025787.D

Acq: 18 Sep 2025 18:46

Instrument :

BNA\_P

ClientSampleId :

PB169718BS

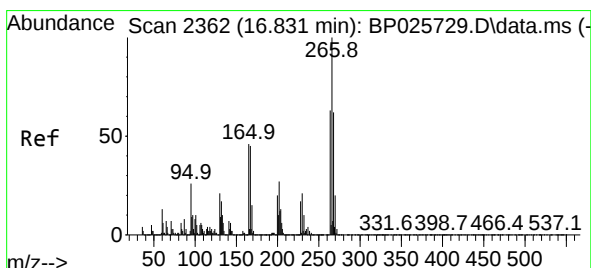
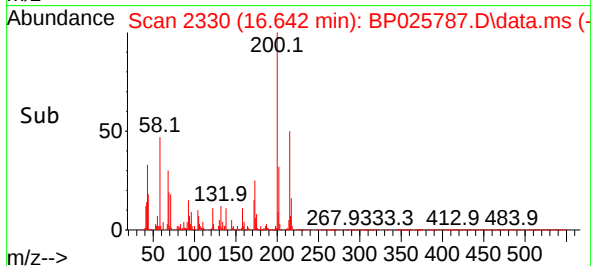
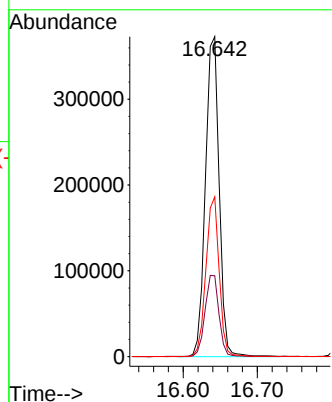
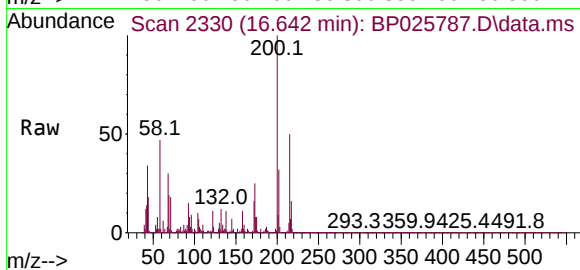
Tgt Ion:200 Resp: 479766

Ion Ratio Lower Upper

200 100

173 25.3 4.2 44.2

215 49.9 27.3 67.3



#70

Pentachlorophenol

Concen: 88.535 ng

RT: 16.825 min Scan# 2361

Delta R.T. -0.006 min

Lab File: BP025787.D

Acq: 18 Sep 2025 18:46

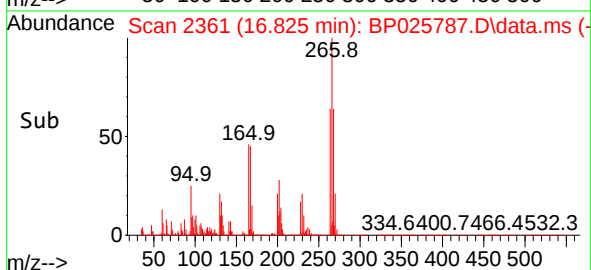
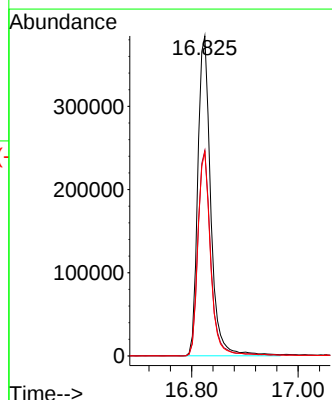
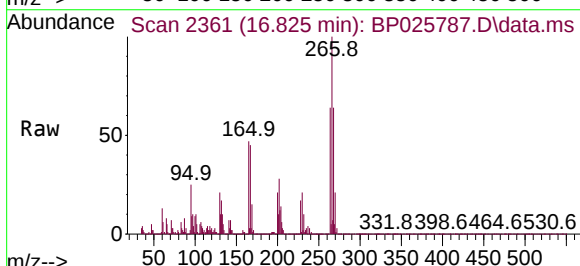
Tgt Ion:266 Resp: 647041

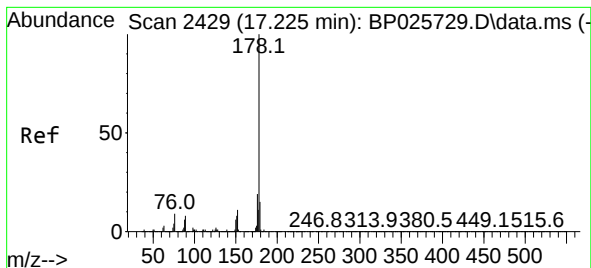
Ion Ratio Lower Upper

266 100

268 64.1 49.8 74.8

264 63.8 50.2 75.2





#71

Phenanthrene

Concen: 43.692 ng

RT: 17.219 min Scan# 2429

Delta R.T. -0.006 min

Lab File: BP025787.D

Acq: 18 Sep 2025 18:46

Instrument :

BNA\_P

ClientSampleId :

PB169718BS

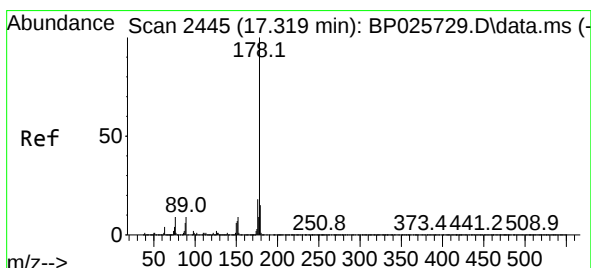
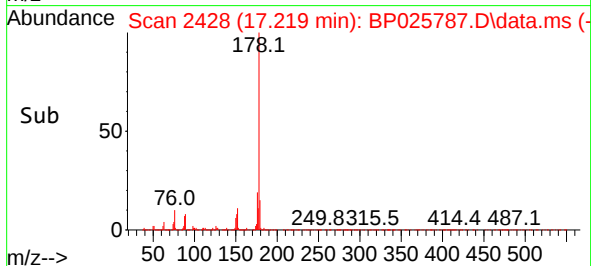
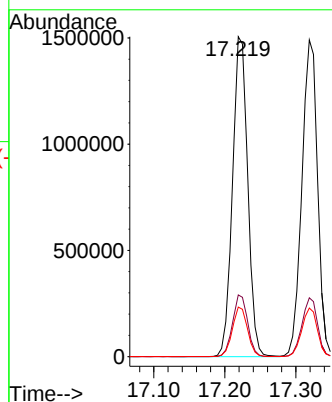
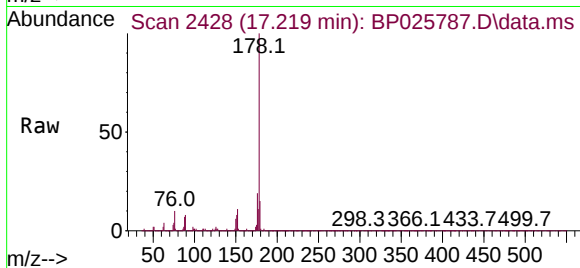
Tgt Ion:178 Resp: 2240152

Ion Ratio Lower Upper

178 100

176 19.3 15.4 23.2

179 15.5 12.2 18.4



#72

Anthracene

Concen: 44.284 ng

RT: 17.319 min Scan# 2445

Delta R.T. 0.000 min

Lab File: BP025787.D

Acq: 18 Sep 2025 18:46

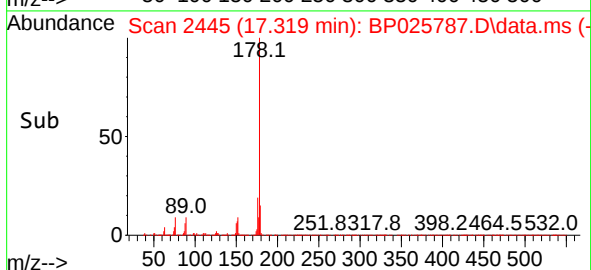
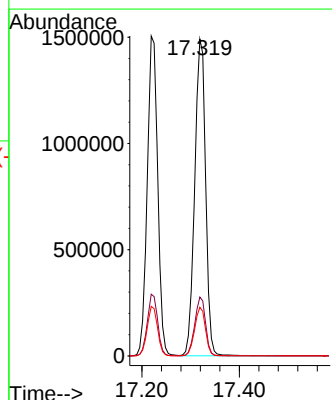
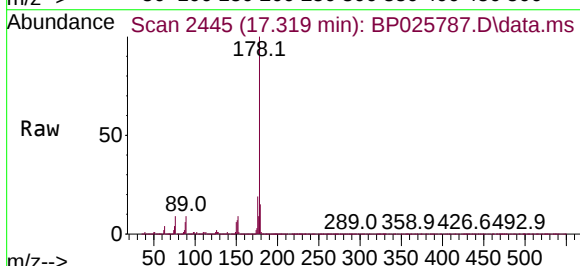
Tgt Ion:178 Resp: 2303731

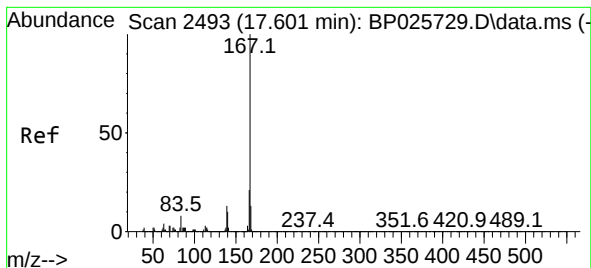
Ion Ratio Lower Upper

178 100

176 18.6 14.8 22.2

179 15.3 12.2 18.4





#73

Carbazole

Concen: 44.800 ng

RT: 17.595 min Scan# 2493

Delta R.T. -0.006 min

Lab File: BP025787.D

Acq: 18 Sep 2025 18:46

Instrument :

BNA\_P

ClientSampleId :

PB169718BS

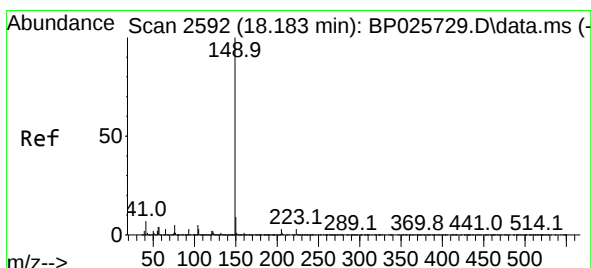
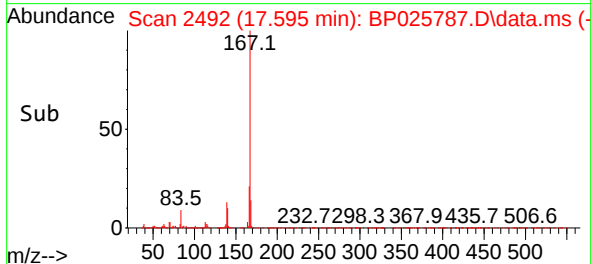
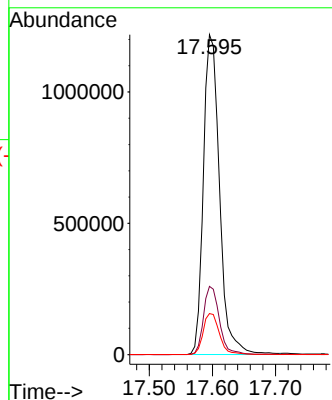
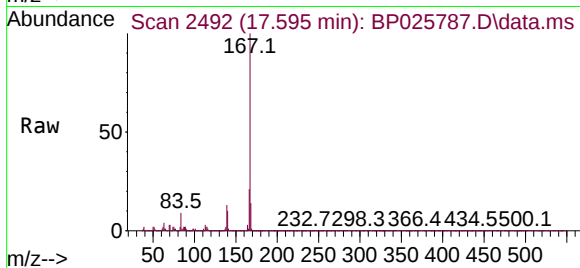
Tgt Ion:167 Resp: 2166748

Ion Ratio Lower Upper

167 100

166 21.3 17.0 25.4

139 12.8 10.6 16.0



#74

Di-n-butylphthalate

Concen: 46.854 ng

RT: 18.184 min Scan# 2592

Delta R.T. 0.000 min

Lab File: BP025787.D

Acq: 18 Sep 2025 18:46

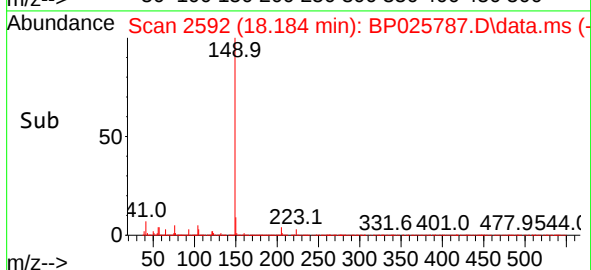
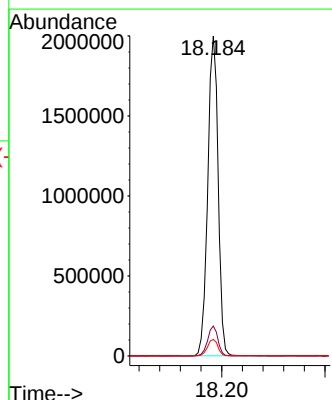
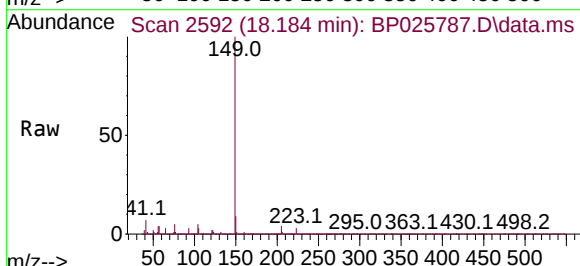
Tgt Ion:149 Resp: 2780871

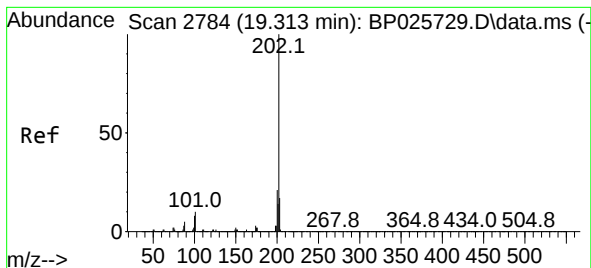
Ion Ratio Lower Upper

149 100

150 9.3 7.4 11.0

104 5.2 4.3 6.5





#75

Fluoranthene

Concen: 43.631 ng

RT: 19.313 min Scan# 21

Delta R.T. 0.000 min

Lab File: BP025787.D

Acq: 18 Sep 2025 18:46

Instrument :

BNA\_P

ClientSampleId :

PB169718BS

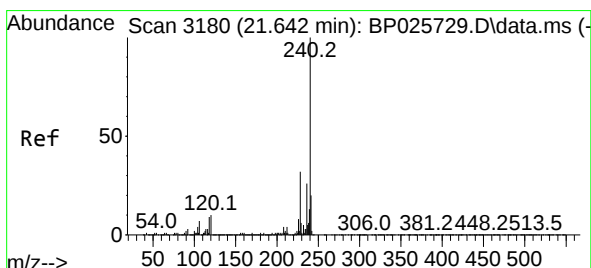
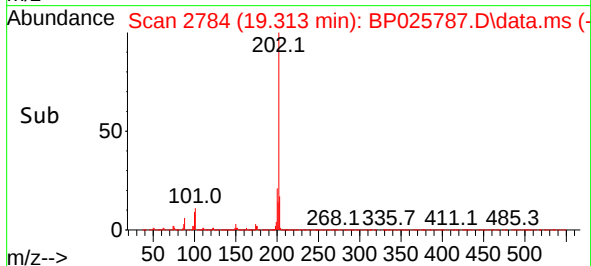
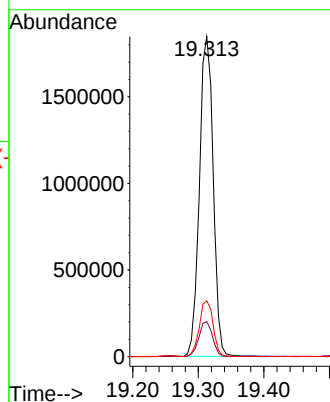
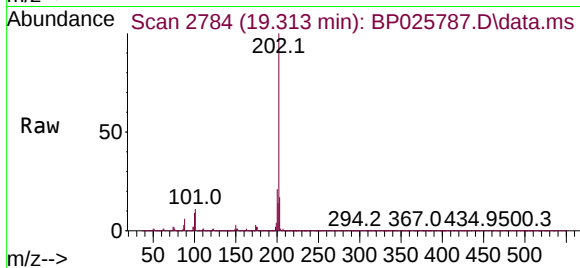
Tgt Ion:202 Resp: 2682922

Ion Ratio Lower Upper

202 100

101 10.9 0.0 30.4

203 17.4 0.0 37.4



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.625 min Scan# 3177

Delta R.T. -0.017 min

Lab File: BP025787.D

Acq: 18 Sep 2025 18:46

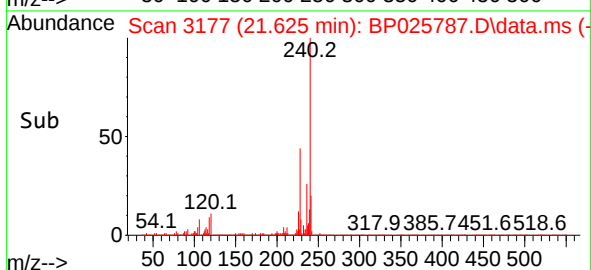
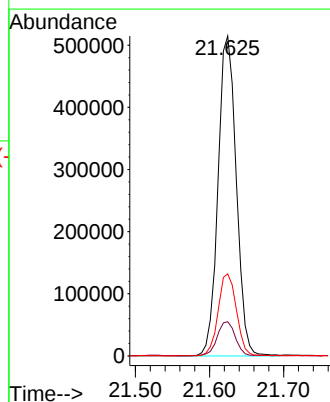
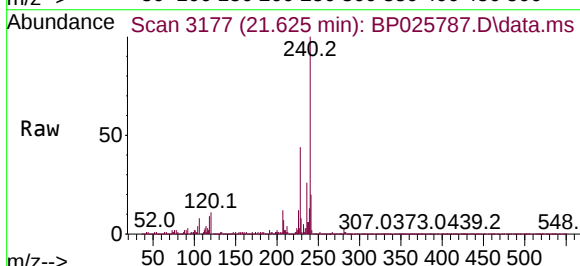
Tgt Ion:240 Resp: 880385

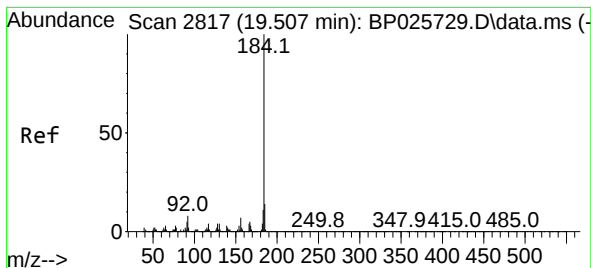
Ion Ratio Lower Upper

240 100

120 10.7 8.0 12.0

236 25.6 20.7 31.1





#77

Benzidine

Concen: 50.050 ng

RT: 19.501 min Scan# 2816

Delta R.T. -0.006 min

Lab File: BP025787.D

Acq: 18 Sep 2025 18:46

Instrument :

BNA\_P

ClientSampleId :

PB169718BS

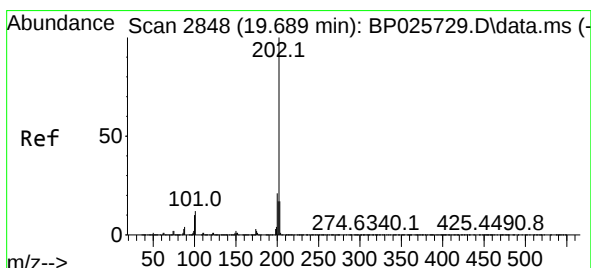
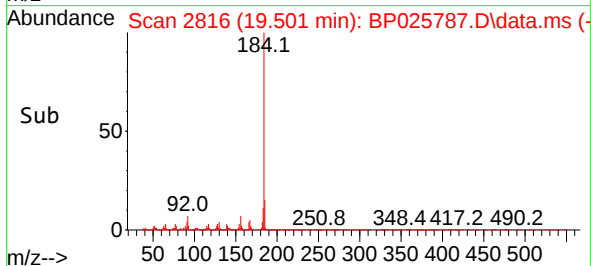
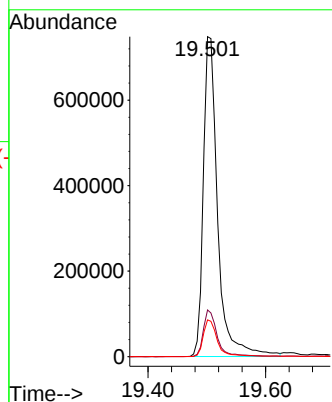
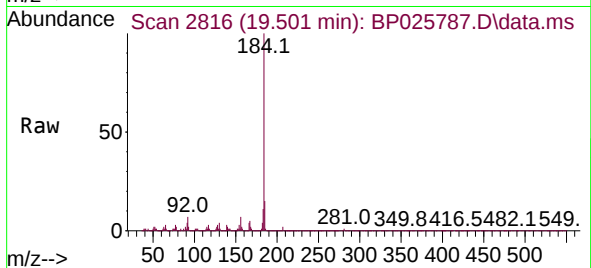
Tgt Ion:184 Resp: 1269252

Ion Ratio Lower Upper

184 100

185 14.6 11.5 17.3

183 11.5 9.2 13.8



#78

Pyrene

Concen: 46.628 ng

RT: 19.689 min Scan# 2848

Delta R.T. 0.000 min

Lab File: BP025787.D

Acq: 18 Sep 2025 18:46

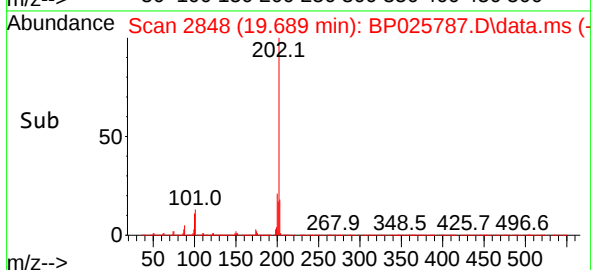
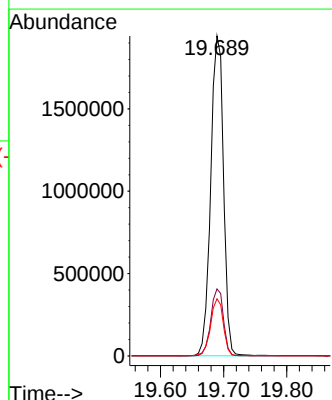
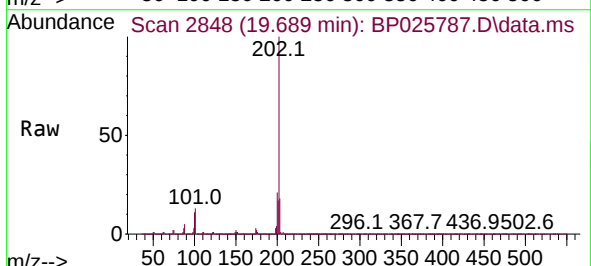
Tgt Ion:202 Resp: 2739124

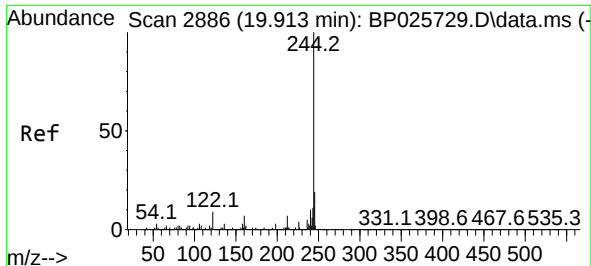
Ion Ratio Lower Upper

202 100

200 20.9 17.0 25.6

203 17.8 13.9 20.9

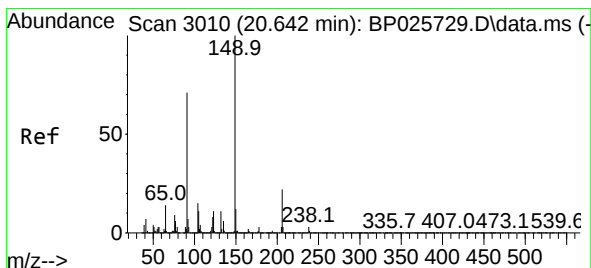
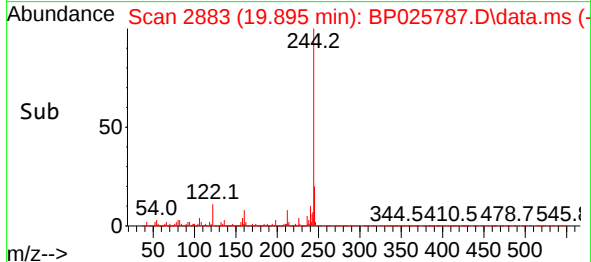
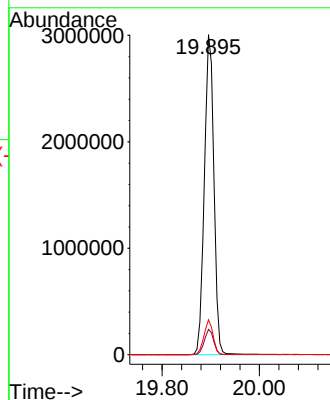
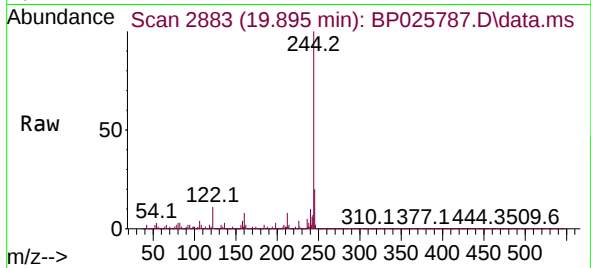




#79  
 Terphenyl-d14  
 Concen: 83.361 ng  
 RT: 19.895 min Scan# 2886  
 Delta R.T. -0.017 min  
 Lab File: BP025787.D  
 Acq: 18 Sep 2025 18:46

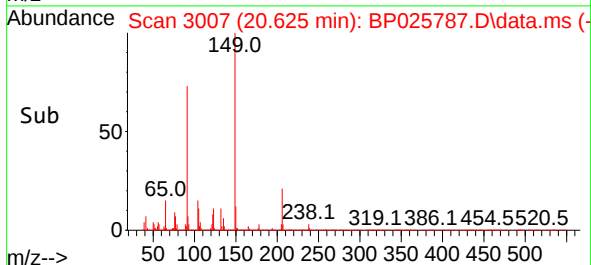
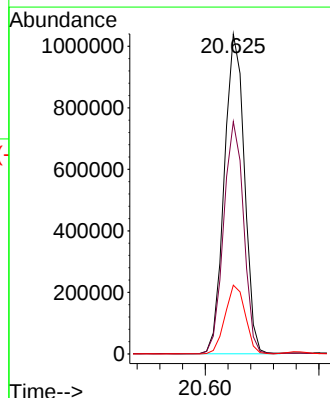
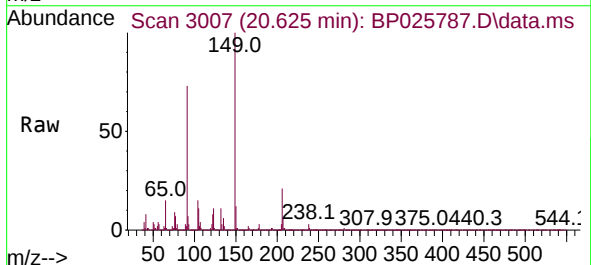
Instrument :  
 BNA\_P  
 ClientSampleId :  
 PB169718BS

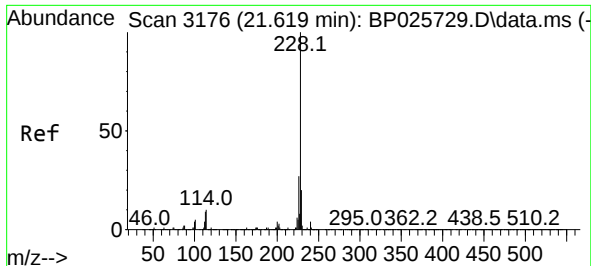
Tgt Ion:244 Resp: 4079526  
 Ion Ratio Lower Upper  
 244 100  
 212 7.9 5.9 8.9  
 122 10.9 7.1 10.7#



#80  
 Butylbenzylphthalate  
 Concen: 49.621 ng  
 RT: 20.625 min Scan# 3007  
 Delta R.T. -0.018 min  
 Lab File: BP025787.D  
 Acq: 18 Sep 2025 18:46

Tgt Ion:149 Resp: 1278084  
 Ion Ratio Lower Upper  
 149 100  
 91 72.6 56.6 85.0  
 206 21.5 17.4 26.0

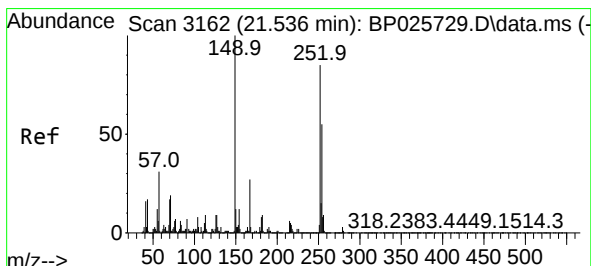
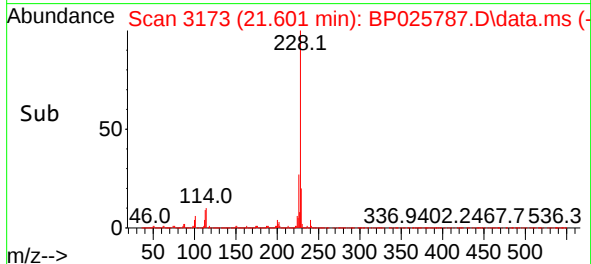
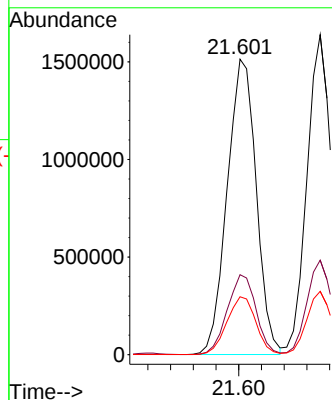
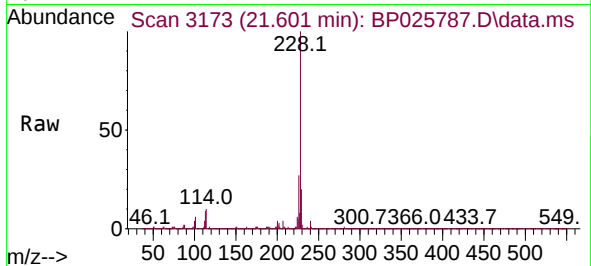




#81  
Benzo(a)anthracene  
Concen: 44.659 ng  
RT: 21.601 min Scan# 3176  
Delta R.T. -0.018 min  
Lab File: BP025787.D  
Acq: 18 Sep 2025 18:46

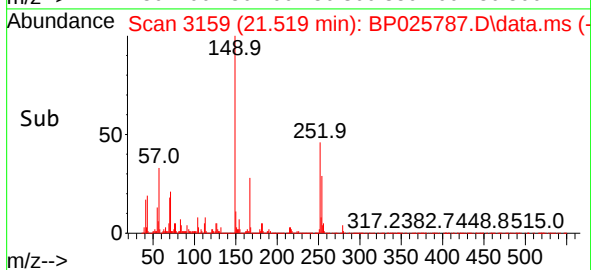
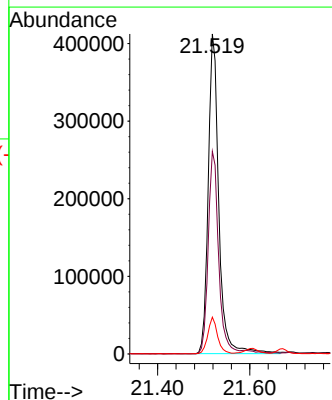
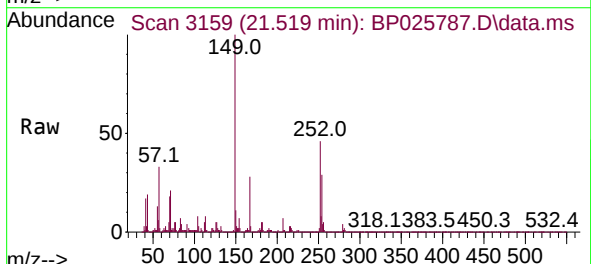
Instrument :  
BNA\_P  
ClientSampleId :  
PB169718BS

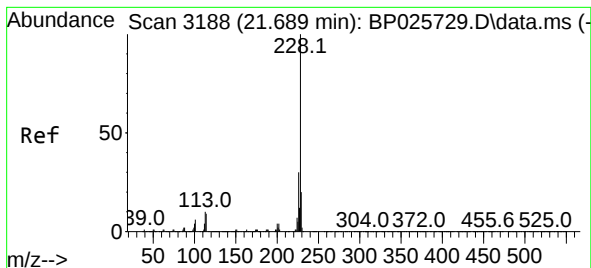
Tgt Ion:228 Resp: 2691728  
Ion Ratio Lower Upper  
228 100  
226 27.0 21.6 32.4  
229 19.6 15.7 23.5



#82  
3,3'-Dichlorobenzidine  
Concen: 31.363 ng  
RT: 21.519 min Scan# 3159  
Delta R.T. -0.018 min  
Lab File: BP025787.D  
Acq: 18 Sep 2025 18:46

Tgt Ion:252 Resp: 653626  
Ion Ratio Lower Upper  
252 100  
254 63.3 51.4 77.0  
126 11.5 8.3 12.5





#83

Chrysene

Concen: 43.860 ng

RT: 21.672 min Scan# 31

Delta R.T. -0.018 min

Lab File: BP025787.D

Acq: 18 Sep 2025 18:46

Instrument :

BNA\_P

ClientSampleId :

PB169718BS

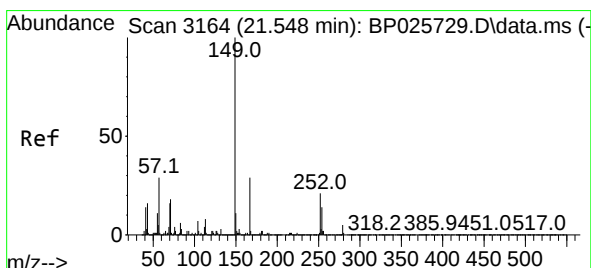
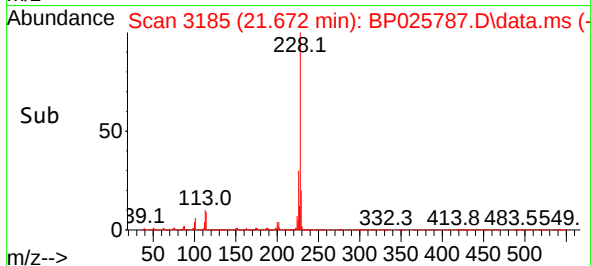
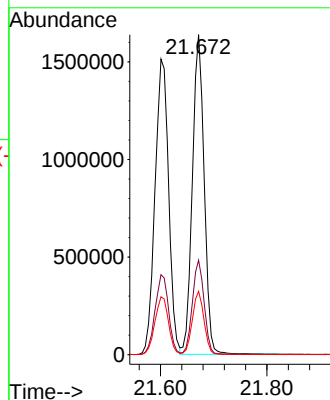
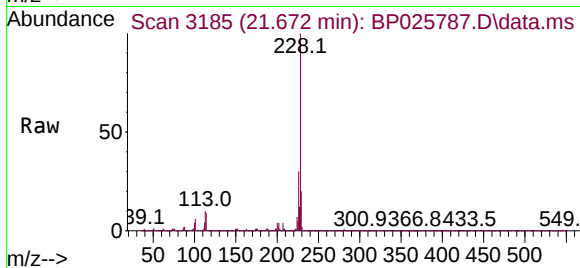
Tgt Ion:228 Resp: 2519965

Ion Ratio Lower Upper

228 100

226 29.5 23.8 35.6

229 19.8 15.6 23.4



#84

Bis(2-ethylhexyl)phthalate

Concen: 48.079 ng

RT: 21.525 min Scan# 3160

Delta R.T. -0.023 min

Lab File: BP025787.D

Acq: 18 Sep 2025 18:46

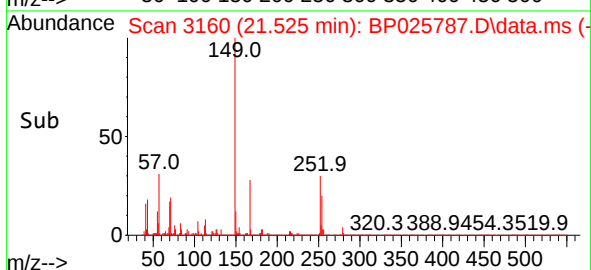
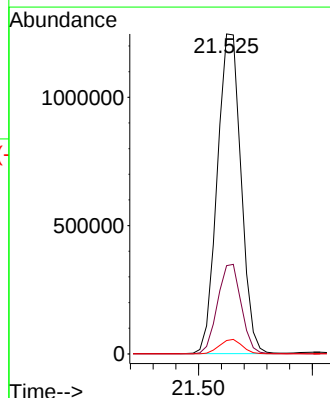
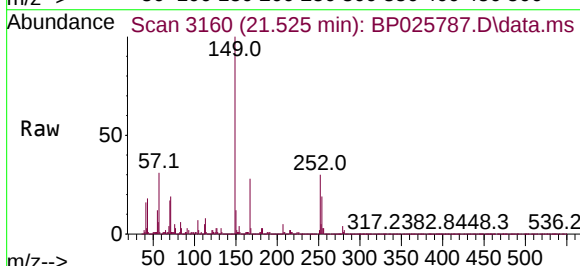
Tgt Ion:149 Resp: 1811796

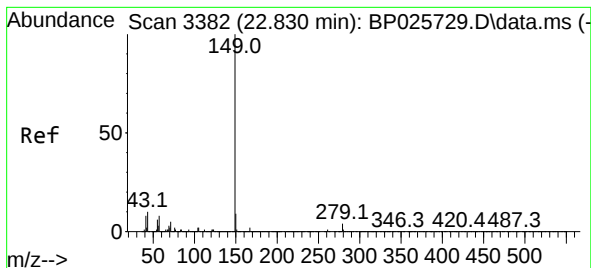
Ion Ratio Lower Upper

149 100

167 27.6 22.9 34.3

279 4.2 3.8 5.8





#85

Di-n-octyl phthalate

Concen: 46.446 ng

RT: 22.807 min Scan# 33

Delta R.T. -0.023 min

Lab File: BP025787.D

Acq: 18 Sep 2025 18:46

Instrument :

BNA\_P

ClientSampleId :

PB169718BS

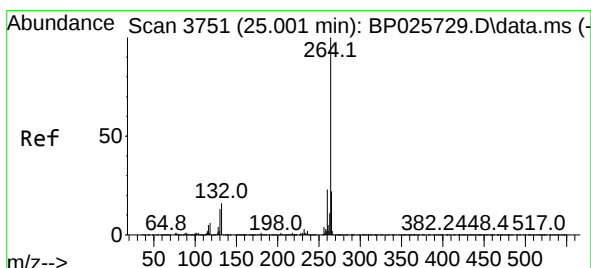
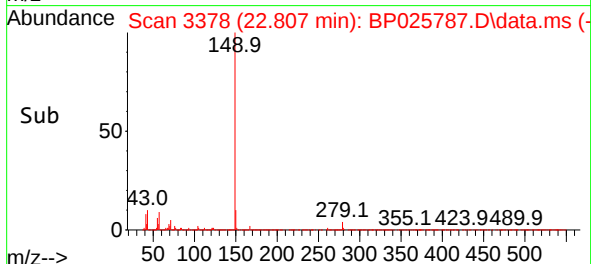
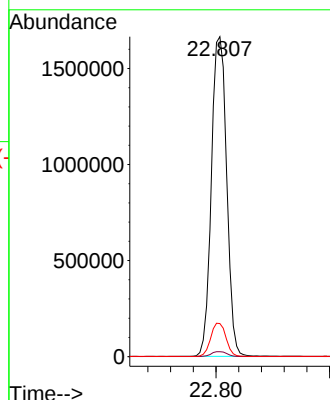
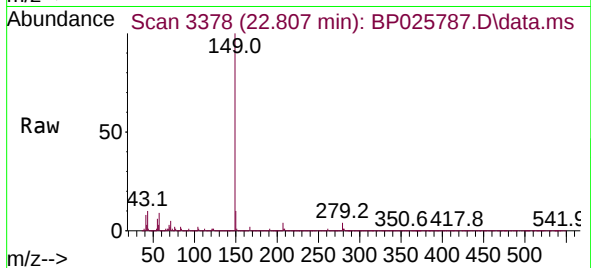
Tgt Ion:149 Resp: 3113326

Ion Ratio Lower Upper

149 100

167 1.6 1.3 1.9

43 10.4 8.0 12.0



#86

Perylene-d12

Concen: 20.000 ng

RT: 24.989 min Scan# 3749

Delta R.T. -0.012 min

Lab File: BP025787.D

Acq: 18 Sep 2025 18:46

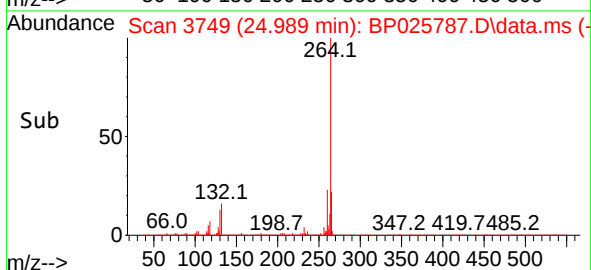
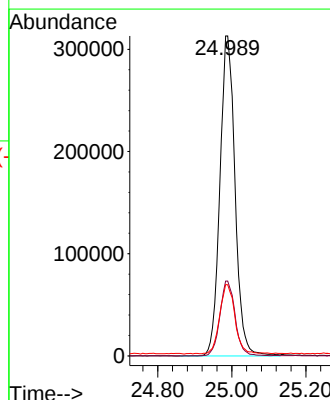
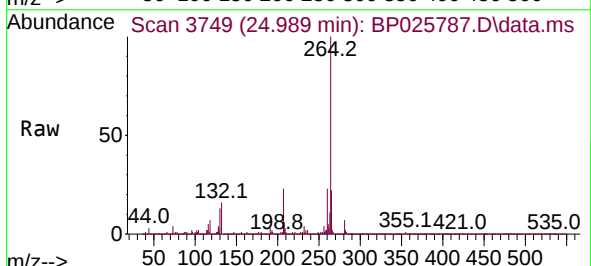
Tgt Ion:264 Resp: 889184

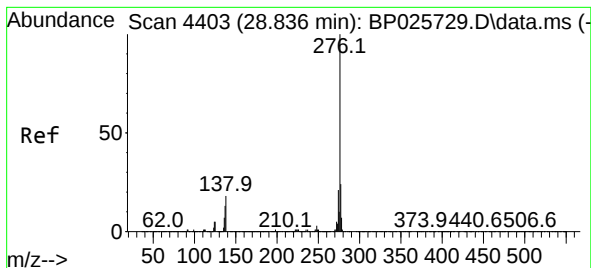
Ion Ratio Lower Upper

264 100

260 23.4 18.3 27.5

265 22.2 17.3 25.9





#87

Indeno(1,2,3-cd)pyrene

Concen: 46.646 ng

RT: 28.818 min Scan# 44

Delta R.T. -0.018 min

Lab File: BP025787.D

Acq: 18 Sep 2025 18:46

Instrument :

BNA\_P

ClientSampleId :

PB169718BS

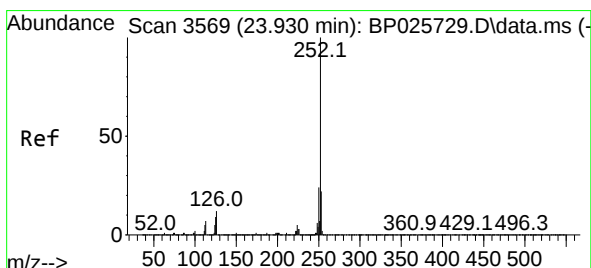
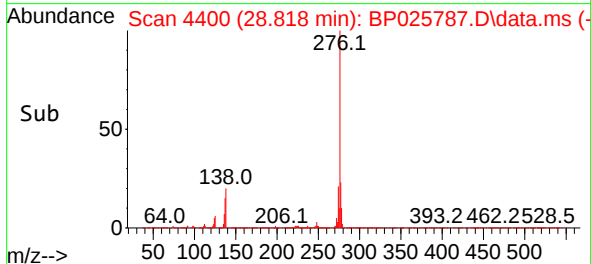
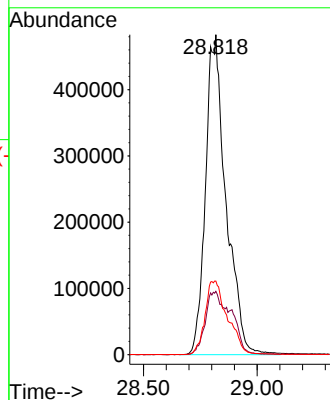
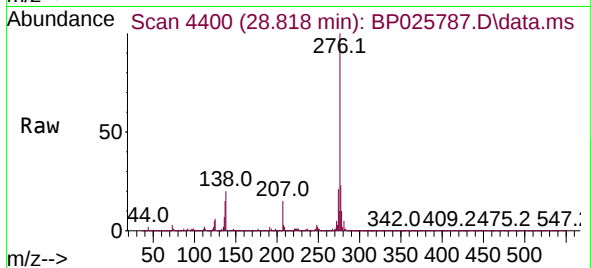
Tgt Ion:276 Resp: 3016277

Ion Ratio Lower Upper

276 100

138 19.2 13.4 20.2

277 25.3 9.1 13.7#



#88

Benzo(b)fluoranthene

Concen: 45.926 ng

RT: 23.907 min Scan# 3565

Delta R.T. -0.023 min

Lab File: BP025787.D

Acq: 18 Sep 2025 18:46

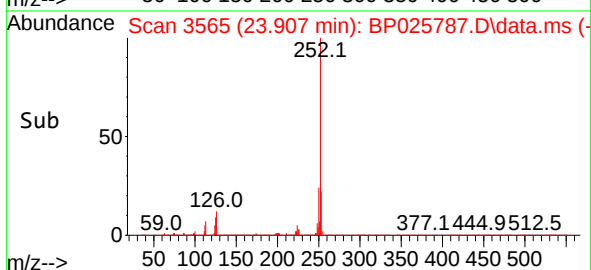
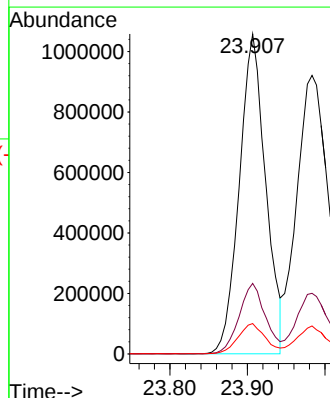
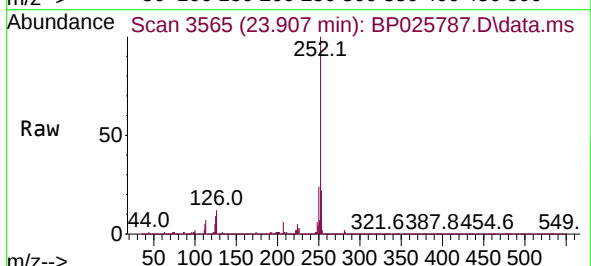
Tgt Ion:252 Resp: 2497268

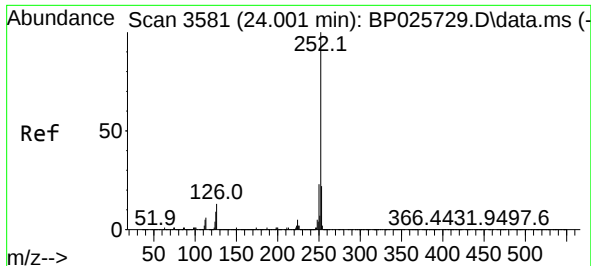
Ion Ratio Lower Upper

252 100

253 22.0 17.9 26.9

125 9.5 7.3 10.9





#89

Benzo(k)fluoranthene

Concen: 47.307 ng

RT: 23.983 min Scan# 31

Delta R.T. -0.018 min

Lab File: BP025787.D

Acq: 18 Sep 2025 18:46

Instrument :

BNA\_P

ClientSampleId :

PB169718BS

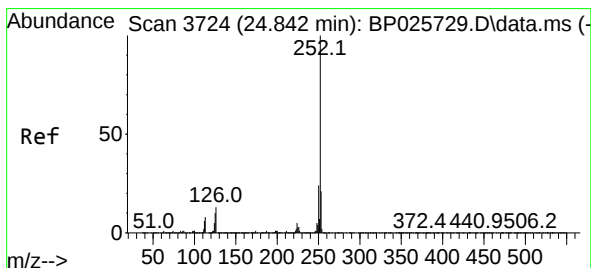
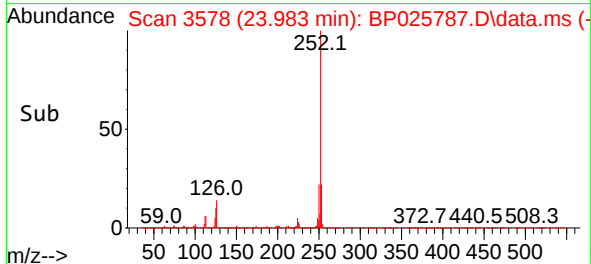
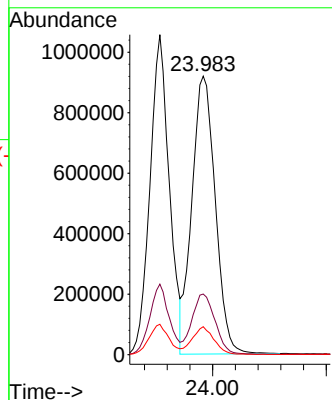
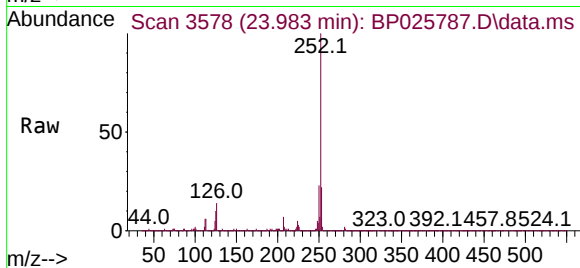
Tgt Ion:252 Resp: 2624889

Ion Ratio Lower Upper

252 100

253 21.7 17.5 26.3

125 10.0 7.5 11.3



#90

Benzo(a)pyrene

Concen: 45.472 ng

RT: 24.830 min Scan# 3722

Delta R.T. -0.012 min

Lab File: BP025787.D

Acq: 18 Sep 2025 18:46

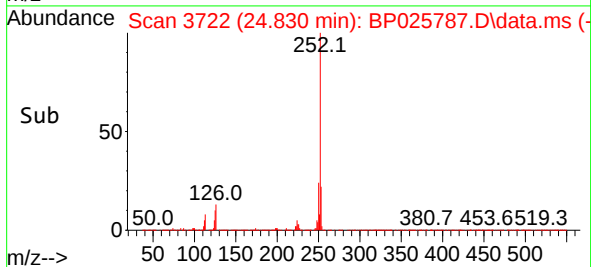
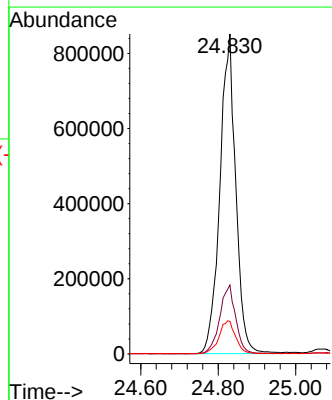
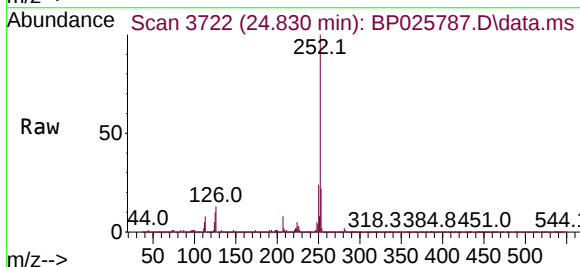
Tgt Ion:252 Resp: 2421349

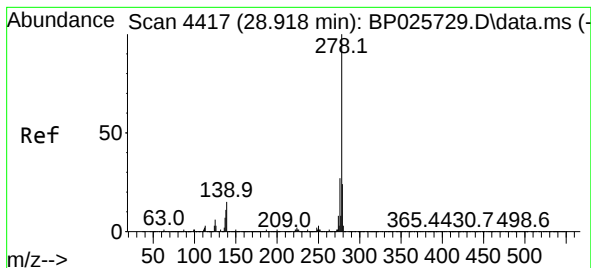
Ion Ratio Lower Upper

252 100

253 21.5 17.2 25.8

125 10.2 8.3 12.5





#91

Dibenzo(a,h)anthracene

Concen: 46.938 ng

RT: 28.889 min Scan# 4417

Delta R.T. -0.029 min

Lab File: BP025787.D

Acq: 18 Sep 2025 18:46

Instrument :

BNA\_P

ClientSampleId :

PB169718BS

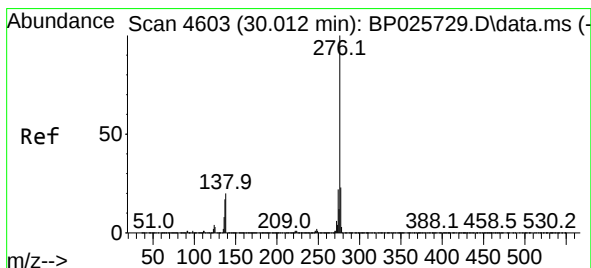
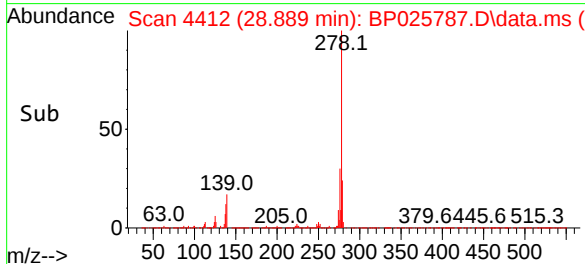
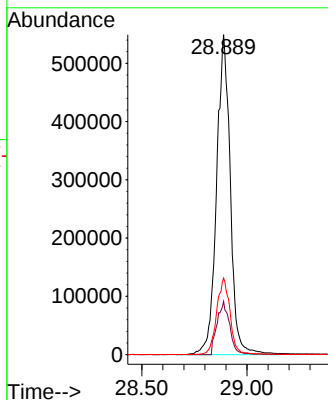
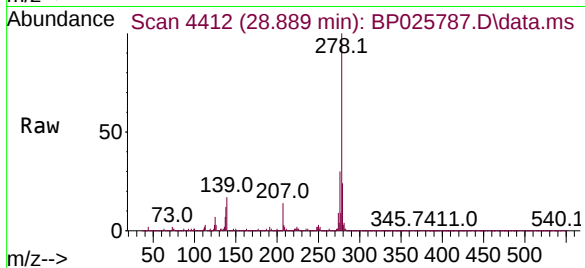
Tgt Ion:278 Resp: 2483752

Ion Ratio Lower Upper

278 100

139 16.6 12.1 18.1

279 24.0 19.6 29.4



#92

Benzo(g,h,i)perylene

Concen: 47.753 ng

RT: 30.006 min Scan# 4602

Delta R.T. -0.006 min

Lab File: BP025787.D

Acq: 18 Sep 2025 18:46

Tgt Ion:276 Resp: 2485050

Ion Ratio Lower Upper

276 100

277 23.8 18.7 28.1

138 22.5 16.0 24.0

