

Data Path : Z:\svoasrv\HPCHEM1\BNA\_P\Data\BP061125\  
 Data File : BP024907.D  
 Acq On : 11 Jun 2025 11:31  
 Operator : RC/JU  
 Sample : PB168300BS  
 Misc :  
 ALS Vial : 4 Sample Multiplier: 1

Instrument :  
 BNA\_P  
 ClientSampleId :  
 PB168300BS

Quant Time: Jun 11 12:11:18 2025  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_P\Methods\8270E-BP060625.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Fri Jun 06 16:20:27 2025  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc    | Units | Dev(Min) |
|-------------------------------|--------|------|----------|---------|-------|----------|
| -----                         |        |      |          |         |       |          |
| Internal Standards            |        |      |          |         |       |          |
| 1) 1,4-Dichlorobenzene-d4     | 7.607  | 152  | 284260   | 20.000  | ng    | 0.00     |
| 21) Naphthalene-d8            | 10.384 | 136  | 1118806  | 20.000  | ng    | 0.00     |
| 39) Acenaphthene-d10          | 14.254 | 164  | 705062   | 20.000  | ng    | 0.00     |
| 64) Phenanthrene-d10          | 17.060 | 188  | 1346679  | 20.000  | ng    | 0.00     |
| 76) Chrysene-d12              | 21.489 | 240  | 1423480  | 20.000  | ng    | 0.00     |
| 86) Perylene-d12              | 24.748 | 264  | 1633276  | 20.000  | ng    | 0.03     |
| System Monitoring Compounds   |        |      |          |         |       |          |
| 5) 2-Fluorophenol             | 5.243  | 112  | 2215500  | 130.096 | ng    | 0.00     |
| 7) Phenol-d6                  | 6.819  | 99   | 2809851  | 124.705 | ng    | 0.00     |
| 23) Nitrobenzene-d5           | 8.760  | 82   | 1728381  | 75.069  | ng    | 0.00     |
| 42) 2,4,6-Tribromophenol      | 15.778 | 330  | 1345812  | 138.062 | ng    | 0.00     |
| 45) 2-Fluorobiphenyl          | 12.860 | 172  | 3953950  | 75.546  | ng    | 0.00     |
| 79) Terphenyl-d14             | 19.789 | 244  | 6466301  | 81.415  | ng    | 0.00     |
| Target Compounds              |        |      |          |         |       |          |
|                               |        |      |          |         |       | Qvalue   |
| 2) 1,4-Dioxane                | 3.167  | 88   | 230919   | 30.817  | ng    | 99       |
| 3) Pyridine                   | 3.561  | 79   | 604735   | 33.558  | ng    | 99       |
| 4) n-Nitrosodimethylamine     | 3.478  | 42   | 286701   | 38.915  | ng    | 98       |
| 6) Aniline                    | 6.949  | 93   | 1055415  | 36.704  | ng    | 100      |
| 8) 2-Chlorophenol             | 7.190  | 128  | 865176   | 44.815  | ng    | 99       |
| 9) Benzaldehyde               | 6.766  | 77   | 410374   | 31.598  | ng    | 96       |
| 10) Phenol                    | 6.849  | 94   | 1018483  | 43.847  | ng    | 99       |
| 11) bis(2-Chloroethyl)ether   | 7.043  | 93   | 754525   | 41.300  | ng    | 99       |
| 12) 1,3-Dichlorobenzene       | 7.502  | 146  | 871152   | 40.450  | ng    | 98       |
| 13) 1,4-Dichlorobenzene       | 7.649  | 146  | 892518   | 41.072  | ng    | 100      |
| 14) 1,2-Dichlorobenzene       | 7.960  | 146  | 854488   | 40.044  | ng    | 99       |
| 15) Benzyl Alcohol            | 7.860  | 79   | 732307   | 42.348  | ng    | 99       |
| 16) 2,2'-oxybis(1-Chloropr... | 8.125  | 45   | 937163   | 39.192  | ng    | 98       |
| 17) 2-Methylphenol            | 8.072  | 107  | 698663   | 43.073  | ng    | 99       |
| 18) Hexachloroethane          | 8.672  | 117  | 330696   | 40.421  | ng    | 98       |
| 19) n-Nitroso-di-n-propyla... | 8.413  | 70   | 597122   | 38.983  | ng    | 99       |
| 20) 3+4-Methylphenols         | 8.402  | 107  | 935876   | 42.290  | ng    | 98       |
| 22) Acetophenone              | 8.431  | 105  | 1197113  | 42.350  | ng    | 98       |
| 24) Nitrobenzene              | 8.807  | 77   | 883210   | 43.180  | ng    | 98       |
| 25) Isophorone                | 9.325  | 82   | 1667646  | 41.792  | ng    | 100      |
| 26) 2-Nitrophenol             | 9.507  | 139  | 462205   | 45.798  | ng    | 99       |
| 27) 2,4-Dimethylphenol        | 9.584  | 122  | 788841   | 45.671  | ng    | 99       |
| 28) bis(2-Chloroethoxy)met... | 9.801  | 93   | 1024680  | 43.049  | ng    | 100      |
| 29) 2,4-Dichlorophenol        | 10.054 | 162  | 775366   | 46.786  | ng    | 99       |
| 30) 1,2,4-Trichlorobenzene    | 10.248 | 180  | 786972   | 42.101  | ng    | 99       |
| 31) Naphthalene               | 10.431 | 128  | 2417478  | 42.164  | ng    | 100      |
| 32) Benzoic acid              | 9.778  | 122  | 547046   | 46.869  | ng    | 99       |
| 33) 4-Chloroaniline           | 10.554 | 127  | 782136   | 32.561  | ng    | 99       |
| 34) Hexachlorobutadiene       | 10.707 | 225  | 493200   | 43.777  | ng    | 99       |
| 35) Caprolactam               | 11.354 | 113  | 261628   | 42.887  | ng    | 98       |
| 36) 4-Chloro-3-methylphenol   | 11.707 | 107  | 865787   | 45.292  | ng    | 97       |
| 37) 2-Methylnaphthalene       | 12.048 | 142  | 1554959  | 42.755  | ng    | 99       |
| 38) 1-Methylnaphthalene       | 12.272 | 142  | 1625831  | 41.814  | ng    | 98       |
| 40) 1,2,4,5-Tetrachloroben... | 12.425 | 216  | 886419   | 44.307  | ng    | 99       |
| 41) Hexachlorocyclopentadiene | 12.395 | 237  | 1074406  | 88.047  | ng    | 100      |
| 43) 2,4,6-Trichlorophenol     | 12.678 | 196  | 626192   | 46.607  | ng    | 99       |

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 Sample : PB168300BS  
 Misc :  
 ALS Vial : 4 Sample Multiplier: 1

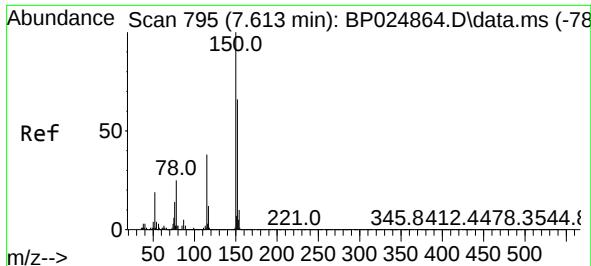
Instrument :  
 BNA\_P  
 ClientSampleId :  
 PB168300BS

Quant Time: Jun 11 12:11:18 2025  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_P\Methods\8270E-BP060625.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Fri Jun 06 16:20:27 2025  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc    | Units | Dev(Min) |
|-------------------------------|--------|------|----------|---------|-------|----------|
| 44) 2,4,5-Trichlorophenol     | 12.772 | 196  | 686152   | 47.686  | ng    | 98       |
| 46) 1,1'-Biphenyl             | 13.078 | 154  | 2216063  | 43.250  | ng    | 99       |
| 47) 2-Chloronaphthalene       | 13.119 | 162  | 1704725  | 43.288  | ng    | 99       |
| 48) 2-Nitroaniline            | 13.337 | 65   | 537932   | 44.431  | ng    | 99       |
| 49) Acenaphthylene            | 13.978 | 152  | 2807623  | 42.758  | ng    | 100      |
| 50) Dimethylphthalate         | 13.719 | 163  | 2231425  | 42.903  | ng    | 100      |
| 51) 2,6-Dinitrotoluene        | 13.842 | 165  | 491014   | 43.792  | ng    | 99       |
| 52) Acenaphthene              | 14.325 | 154  | 1619409  | 43.039  | ng    | 100      |
| 53) 3-Nitroaniline            | 14.184 | 138  | 432828   | 37.198  | ng    | 100      |
| 54) 2,4-Dinitrophenol         | 14.407 | 184  | 650826   | 88.505  | ng    | 98       |
| 55) Dibenzofuran              | 14.666 | 168  | 2564969  | 42.468  | ng    | 99       |
| 56) 4-Nitrophenol             | 14.542 | 139  | 822273   | 83.238  | ng    | 98       |
| 57) 2,4-Dinitrotoluene        | 14.654 | 165  | 707461   | 45.106  | ng    | 95       |
| 58) Fluorene                  | 15.325 | 166  | 2086108  | 42.756  | ng    | 100      |
| 59) 2,3,4,6-Tetrachlorophenol | 14.907 | 232  | 604922   | 47.053  | ng    | 96       |
| 60) Diethylphthalate          | 15.107 | 149  | 2295631  | 44.287  | ng    | 99       |
| 61) 4-Chlorophenyl-phenyle... | 15.325 | 204  | 1051126  | 44.061  | ng    | 99       |
| 62) 4-Nitroaniline            | 15.366 | 138  | 495136   | 46.930  | ng    | 96       |
| 63) Azobenzene                | 15.625 | 77   | 2041999  | 42.953  | ng    | 97       |
| 65) 4,6-Dinitro-2-methylph... | 15.431 | 198  | 409834   | 46.315  | ng    | 98       |
| 66) n-Nitrosodiphenylamine    | 15.548 | 169  | 1849021  | 44.298  | ng    | 99       |
| 67) 4-Bromophenyl-phenylether | 16.236 | 248  | 696351   | 45.828  | ng    | 97       |
| 68) Hexachlorobenzene         | 16.354 | 284  | 826223   | 44.853  | ng    | 97       |
| 69) Atrazine                  | 16.525 | 200  | 688764   | 45.518  | ng    | 99       |
| 70) Pentachlorophenol         | 16.719 | 266  | 1036395  | 108.710 | ng    | 98       |
| 71) Phenanthrene              | 17.107 | 178  | 3244535  | 43.598  | ng    | 99       |
| 72) Anthracene                | 17.201 | 178  | 3273182  | 43.428  | ng    | 99       |
| 73) Carbazole                 | 17.489 | 167  | 3114427  | 44.581  | ng    | 100      |
| 74) Di-n-butylphthalate       | 18.066 | 149  | 4041854  | 46.696  | ng    | 100      |
| 75) Fluoranthene              | 19.195 | 202  | 3763744  | 43.635  | ng    | 99       |
| 77) Benzidine                 | 19.395 | 184  | 2017436  | 45.760  | ng    | 99       |
| 78) Pyrene                    | 19.572 | 202  | 3916517  | 44.040  | ng    | 100      |
| 80) Butylbenzylphthalate      | 20.524 | 149  | 1923581  | 47.222  | ng    | 97       |
| 81) Benzo(a)anthracene        | 21.471 | 228  | 4049426  | 44.478  | ng    | 100      |
| 82) 3,3'-Dichlorobenzidine    | 21.389 | 252  | 1318154  | 36.469  | ng    | 100      |
| 83) Chrysene                  | 21.536 | 228  | 3760081  | 43.587  | ng    | 99       |
| 84) Bis(2-ethylhexyl)phtha... | 21.401 | 149  | 2843025  | 48.712  | ng    | 99       |
| 85) Di-n-octyl phthalate      | 22.642 | 149  | 4956194  | 48.178  | ng    | 99       |
| 87) Indeno(1,2,3-cd)pyrene    | 28.465 | 276  | 5466015  | 45.868  | ng    | # 92     |
| 88) Benzo(b)fluoranthene      | 23.730 | 252  | 4356357  | 46.606  | ng    | 99       |
| 89) Benzo(k)fluoranthene      | 23.789 | 252  | 4245852  | 44.624  | ng    | 100      |
| 90) Benzo(a)pyrene            | 24.601 | 252  | 4159188  | 45.563  | ng    | 99       |
| 91) Dibenzo(a,h)anthracene    | 28.530 | 278  | 4542460  | 46.830  | ng    | 99       |
| 92) Benzo(g,h,i)perylene      | 29.624 | 276  | 4413732  | 45.861  | ng    | 99       |

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

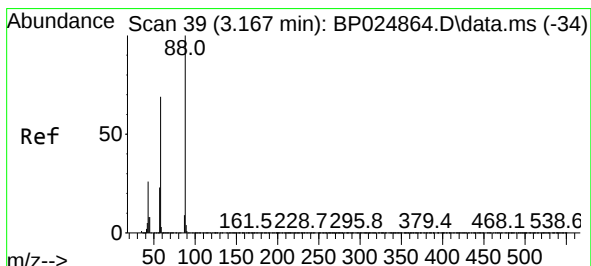
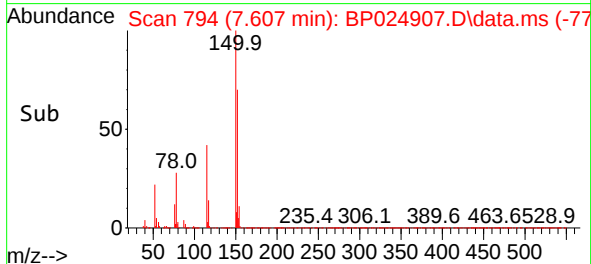
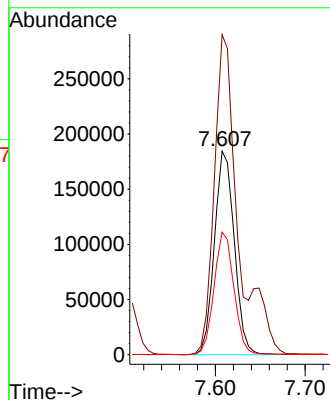
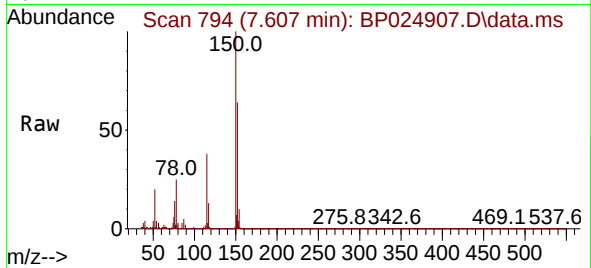




#1  
1,4-Dichlorobenzene-d4  
Concen: 20.000 ng  
RT: 7.607 min Scan# 795  
Delta R.T. -0.006 min  
Lab File: BP024907.D  
Acq: 11 Jun 2025 11:31

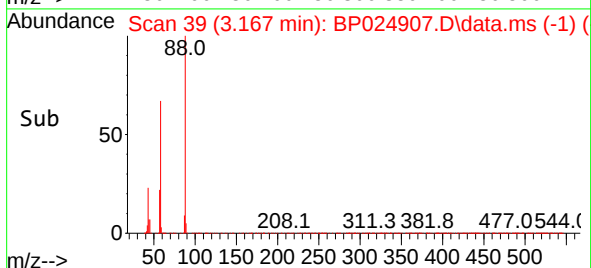
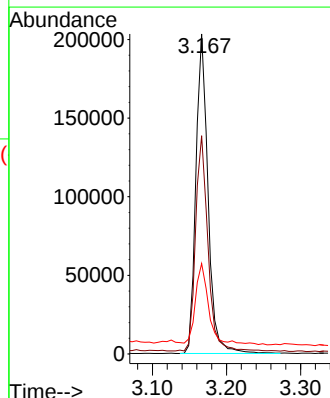
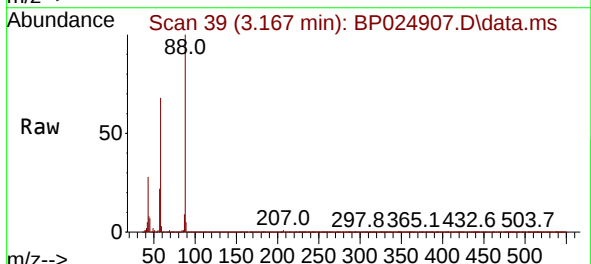
Instrument :  
BNA\_P  
ClientSampleId :  
PB168300BS

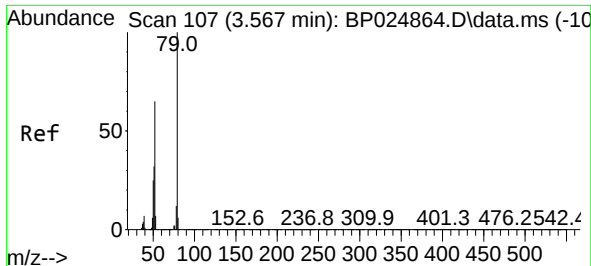
Tgt Ion:152 Resp: 284260  
Ion Ratio Lower Upper  
152 100  
150 157.2 122.1 183.1  
115 60.2 46.4 69.6



#2  
1,4-Dioxane  
Concen: 30.817 ng  
RT: 3.167 min Scan# 39  
Delta R.T. -0.000 min  
Lab File: BP024907.D  
Acq: 11 Jun 2025 11:31

Tgt Ion: 88 Resp: 230919  
Ion Ratio Lower Upper  
88 100  
58 69.1 55.4 83.0  
43 27.9 20.8 31.2

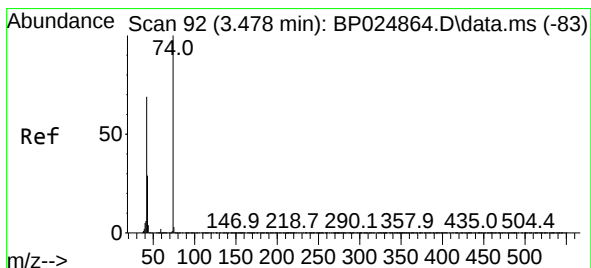
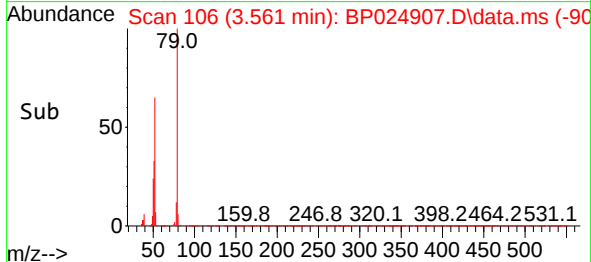
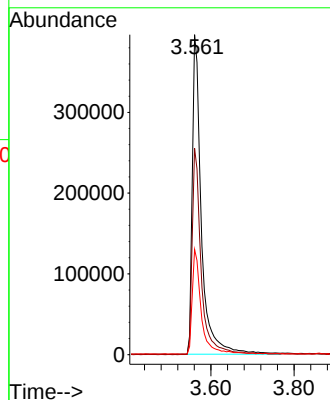
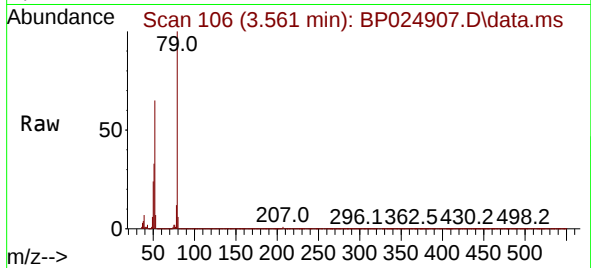




#3  
Pyridine  
Concen: 33.558 ng  
RT: 3.561 min Scan# 107  
Delta R.T. -0.006 min  
Lab File: BP024907.D  
Acq: 11 Jun 2025 11:31

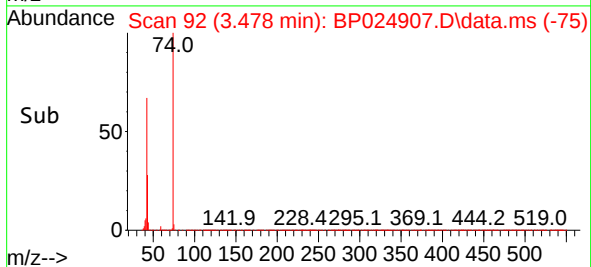
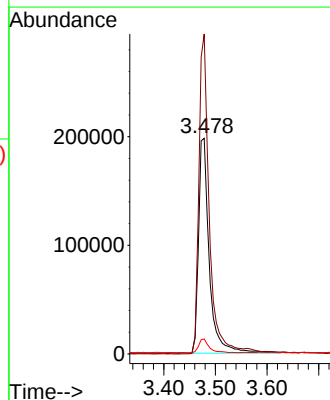
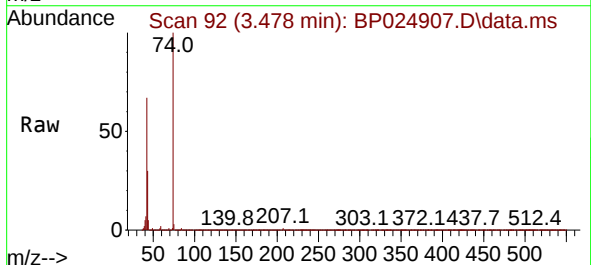
Instrument :  
BNA\_P  
ClientSampleId :  
PB168300BS

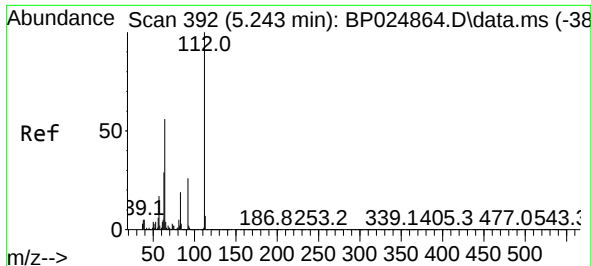
Tgt Ion: 79 Resp: 604735  
Ion Ratio Lower Upper  
79 100  
52 64.5 51.6 77.4  
51 32.9 25.5 38.3



#4  
n-Nitrosodimethylamine  
Concen: 38.915 ng  
RT: 3.478 min Scan# 92  
Delta R.T. -0.000 min  
Lab File: BP024907.D  
Acq: 11 Jun 2025 11:31

Tgt Ion: 42 Resp: 286701  
Ion Ratio Lower Upper  
42 100  
74 148.4 116.6 174.8  
44 7.0 5.4 8.0

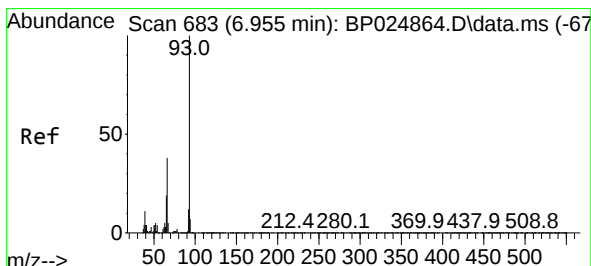
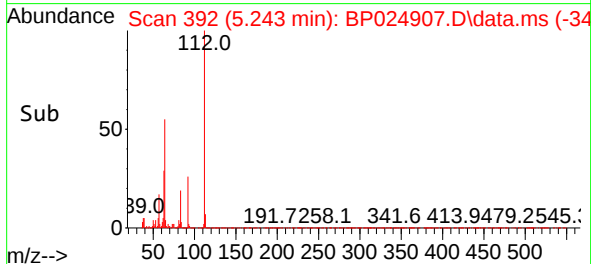
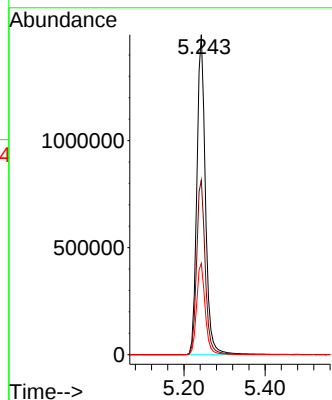
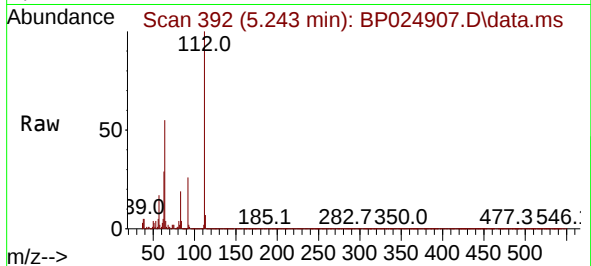




#5  
2-Fluorophenol  
Concen: 130.096 ng  
RT: 5.243 min Scan# 392  
Delta R.T. -0.000 min  
Lab File: BP024907.D  
Acq: 11 Jun 2025 11:31

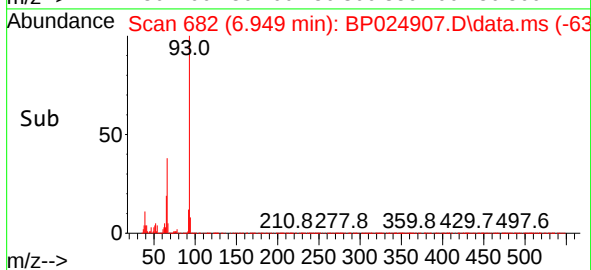
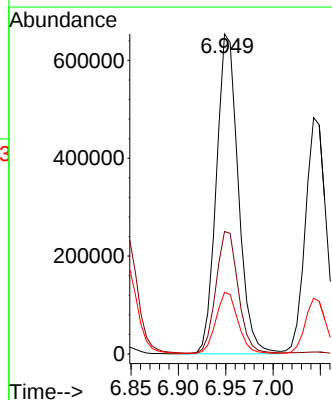
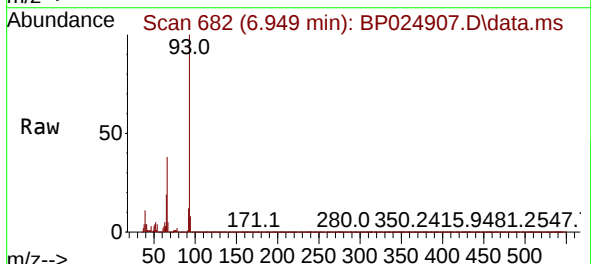
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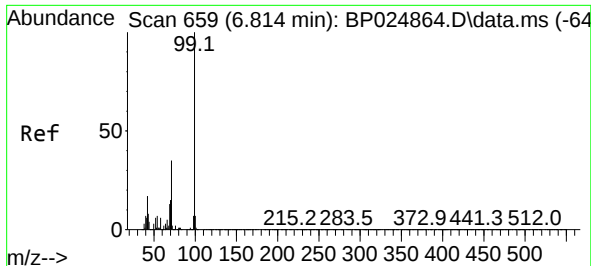
Tgt Ion:112 Resp: 2215500  
Ion Ratio Lower Upper  
112 100  
64 54.6 44.7 67.1  
63 28.6 23.5 35.3



#6  
Aniline  
Concen: 36.704 ng  
RT: 6.949 min Scan# 682  
Delta R.T. -0.006 min  
Lab File: BP024907.D  
Acq: 11 Jun 2025 11:31

Tgt Ion: 93 Resp: 1055415  
Ion Ratio Lower Upper  
93 100  
66 38.2 30.9 46.3  
65 19.3 15.5 23.3

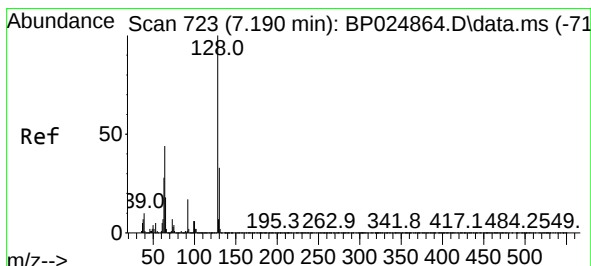
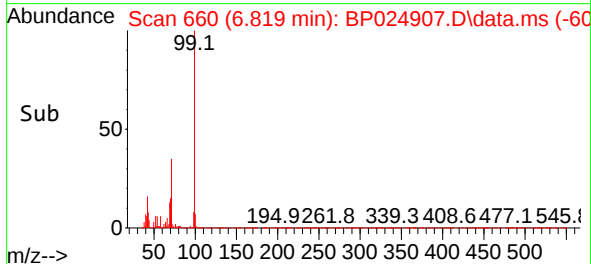
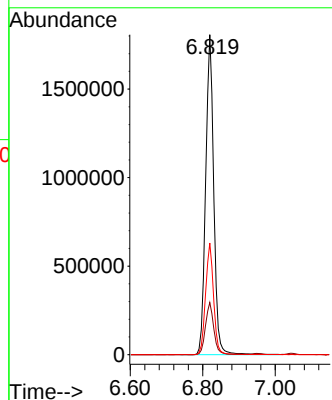
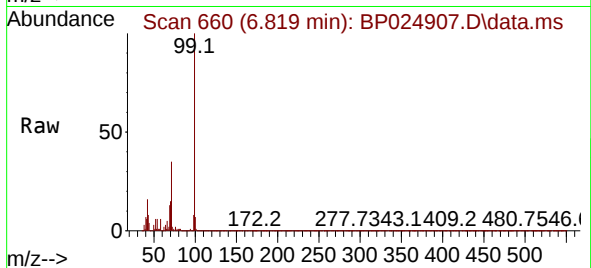




#7  
Phenol-d6  
Concen: 124.705 ng  
RT: 6.819 min Scan# 60  
Delta R.T. 0.006 min  
Lab File: BP024907.D  
Acq: 11 Jun 2025 11:31

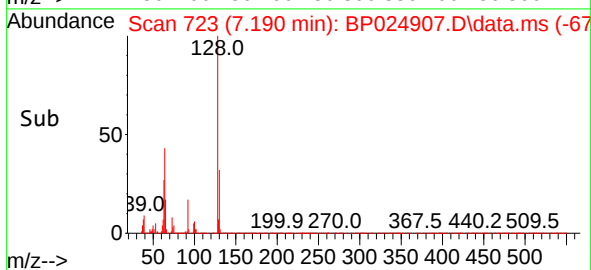
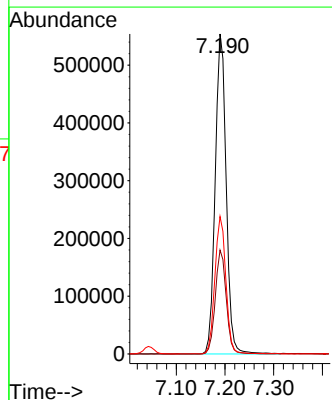
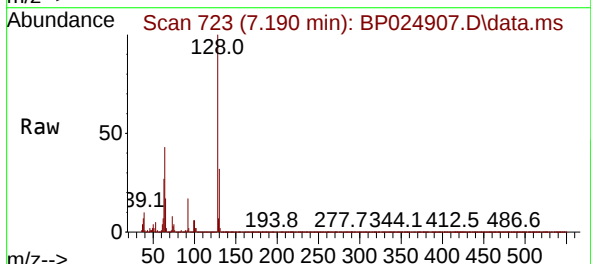
Instrument :  
BNA\_P  
ClientSampleId :  
PB168300BS

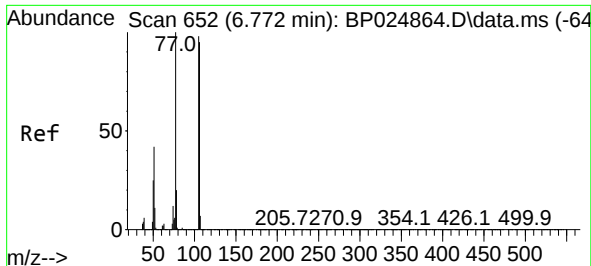
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Ion Ratio Lower Upper  
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42 16.3 13.4 20.2  
71 34.9 27.6 41.4



#8  
2-Chlorophenol  
Concen: 44.815 ng  
RT: 7.190 min Scan# 723  
Delta R.T. -0.000 min  
Lab File: BP024907.D  
Acq: 11 Jun 2025 11:31

Tgt Ion: 128 Resp: 865176  
Ion Ratio Lower Upper  
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130 32.4 12.6 52.6  
64 43.0 24.1 64.1

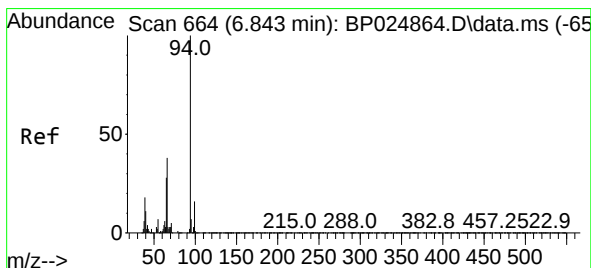
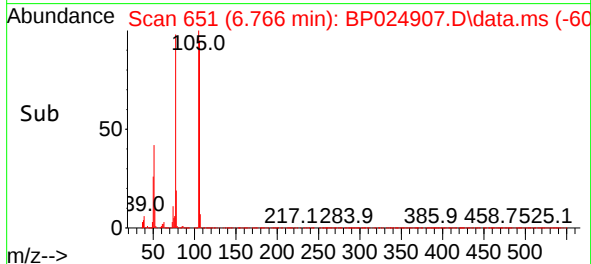
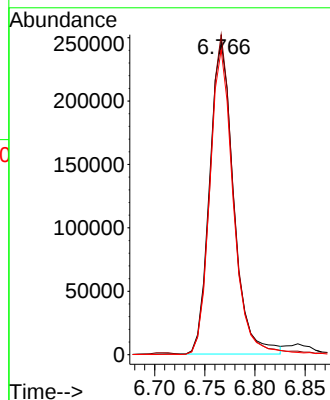
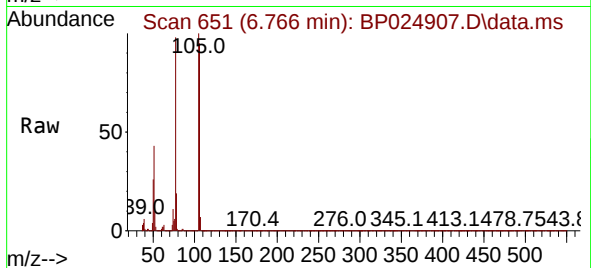




#9  
Benzaldehyde  
Concen: 31.598 ng  
RT: 6.766 min Scan# 61  
Delta R.T. -0.006 min  
Lab File: BP024907.D  
Acq: 11 Jun 2025 11:31

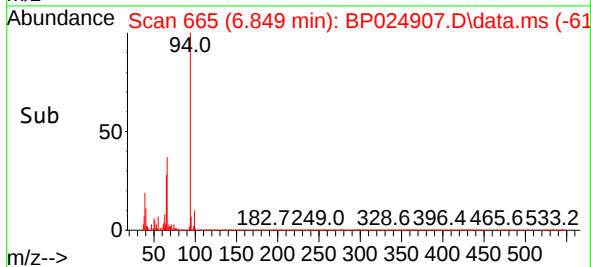
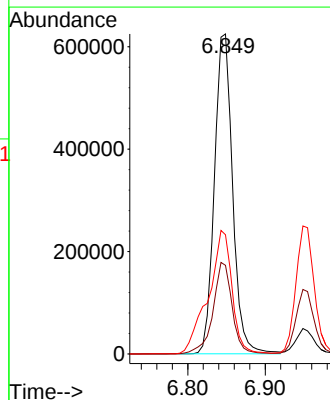
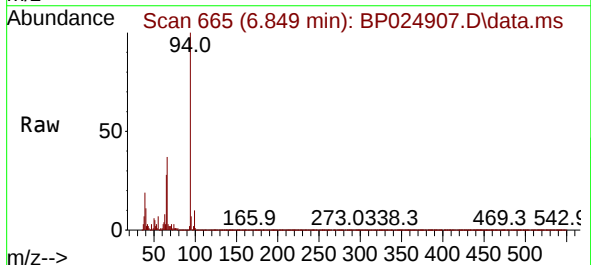
Instrument :  
BNA\_P  
ClientSampleId :  
PB168300BS

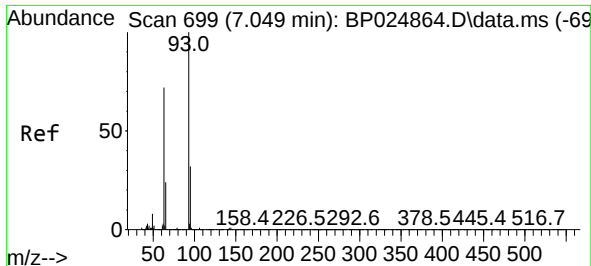
Tgt Ion: 77 Resp: 410374  
Ion Ratio Lower Upper  
77 100  
105 102.2 77.7 117.7  
106 97.4 74.8 114.8



#10  
Phenol  
Concen: 43.847 ng  
RT: 6.849 min Scan# 665  
Delta R.T. 0.006 min  
Lab File: BP024907.D  
Acq: 11 Jun 2025 11:31

Tgt Ion: 94 Resp: 1018483  
Ion Ratio Lower Upper  
94 100  
65 27.7 8.3 48.3  
66 37.2 18.2 58.2

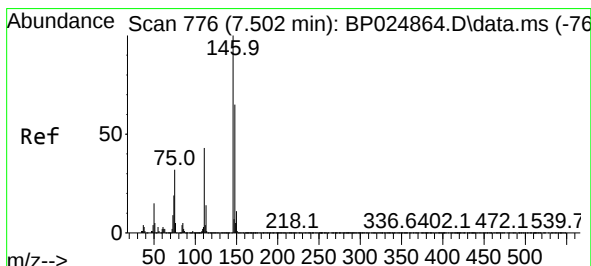
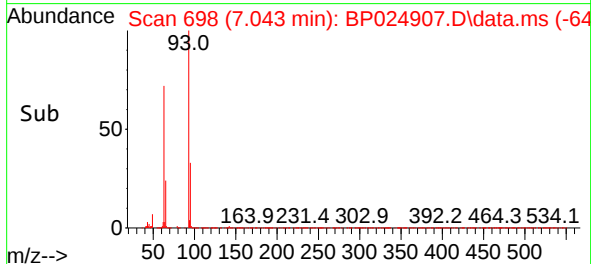
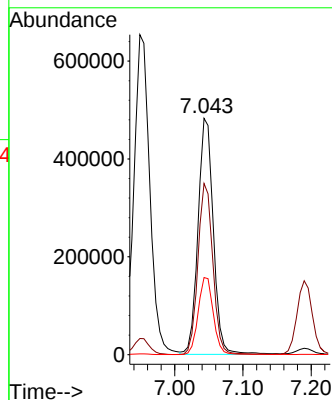
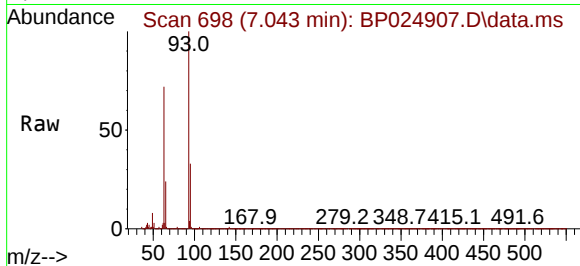




#11  
bis(2-Chloroethyl)ether  
Concen: 41.300 ng  
RT: 7.043 min Scan# 699  
Delta R.T. -0.006 min  
Lab File: BP024907.D  
Acq: 11 Jun 2025 11:31

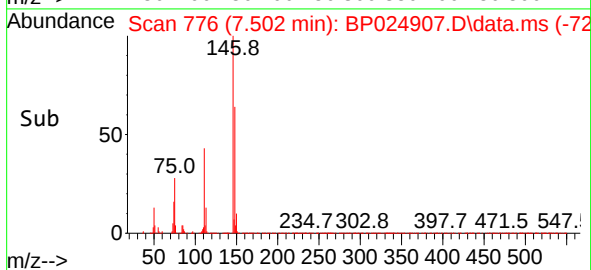
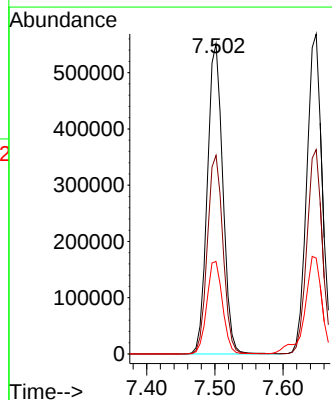
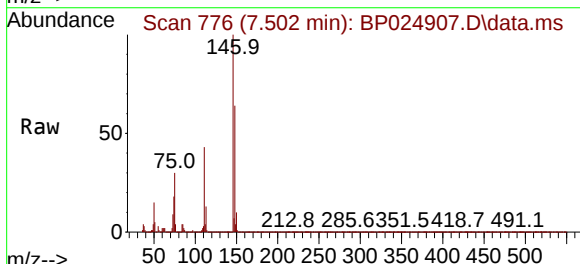
Instrument :  
BNA\_P  
ClientSampleId :  
PB168300BS

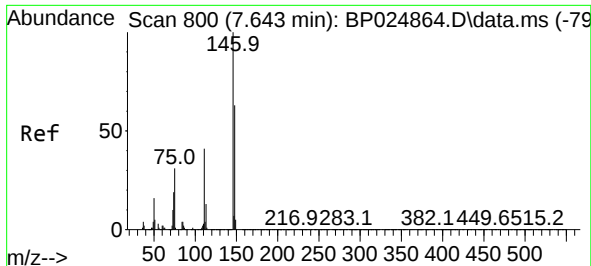
Tgt Ion: 93 Resp: 754525  
Ion Ratio Lower Upper  
93 100  
63 72.4 51.6 91.6  
95 32.7 12.1 52.1



#12  
1,3-Dichlorobenzene  
Concen: 40.450 ng  
RT: 7.502 min Scan# 776  
Delta R.T. -0.000 min  
Lab File: BP024907.D  
Acq: 11 Jun 2025 11:31

Tgt Ion: 146 Resp: 871152  
Ion Ratio Lower Upper  
146 100  
148 64.0 51.8 77.8  
75 29.8 25.3 37.9

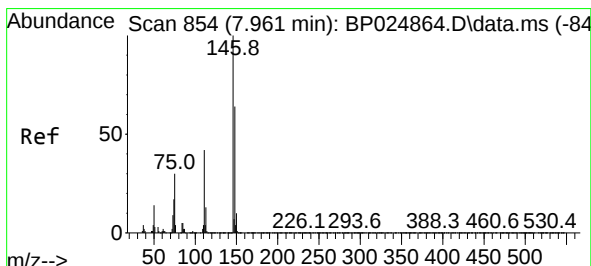
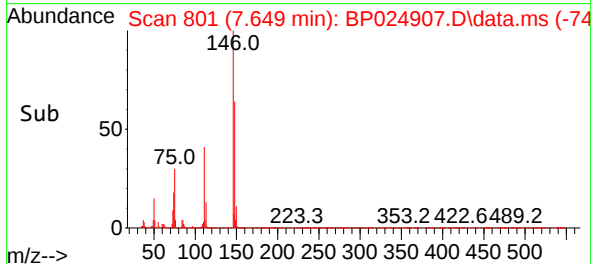
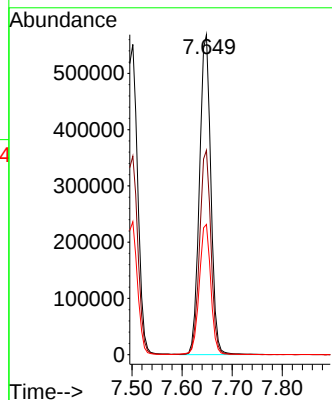
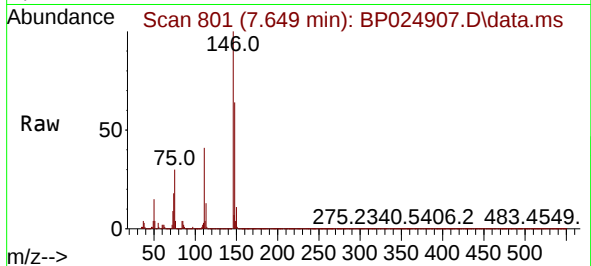




#13  
1,4-Dichlorobenzene  
Concen: 41.072 ng  
RT: 7.649 min Scan# 801  
Delta R.T. 0.006 min  
Lab File: BP024907.D  
Acq: 11 Jun 2025 11:31

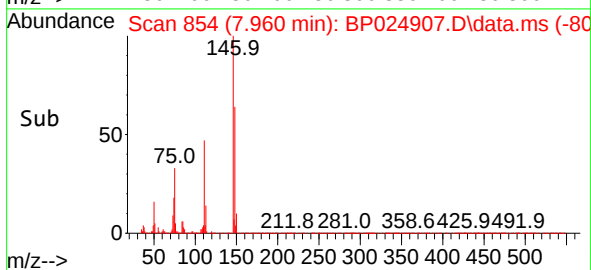
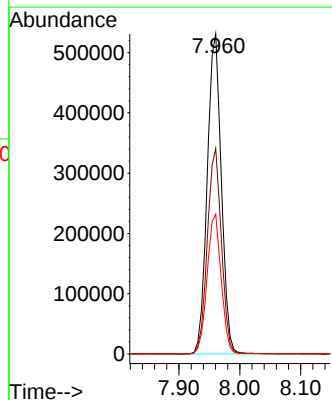
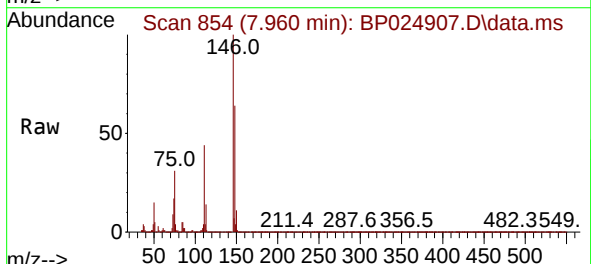
Instrument :  
BNA\_P  
ClientSampleId :  
PB168300BS

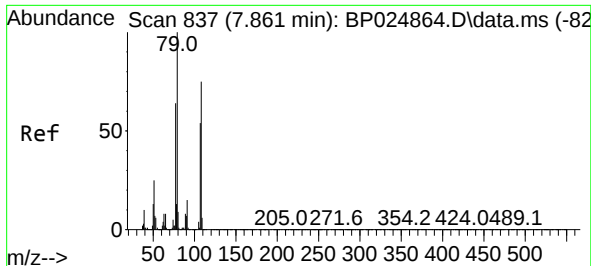
Tgt Ion:146 Resp: 892518  
Ion Ratio Lower Upper  
146 100  
148 63.8 50.8 76.2  
111 40.7 32.7 49.1



#14  
1,2-Dichlorobenzene  
Concen: 40.044 ng  
RT: 7.960 min Scan# 854  
Delta R.T. -0.000 min  
Lab File: BP024907.D  
Acq: 11 Jun 2025 11:31

Tgt Ion:146 Resp: 854488  
Ion Ratio Lower Upper  
146 100  
148 64.2 51.0 76.4  
111 43.7 33.8 50.8

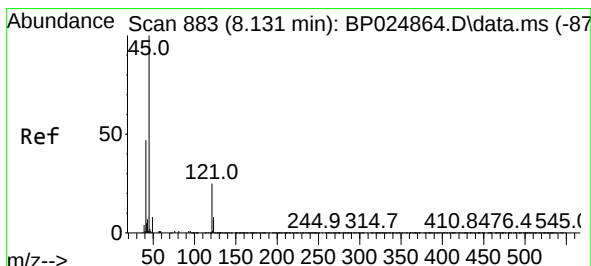
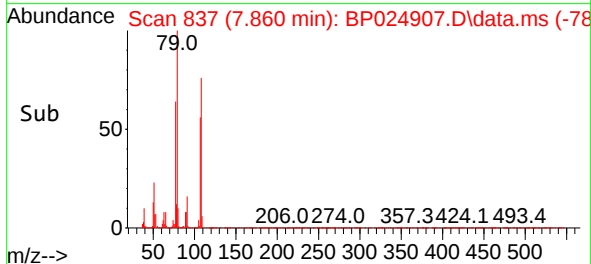
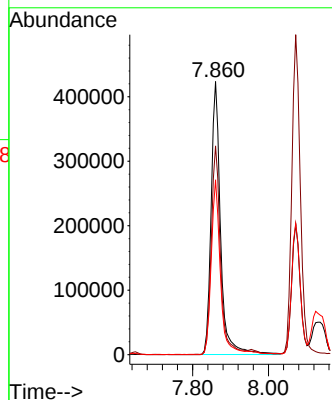
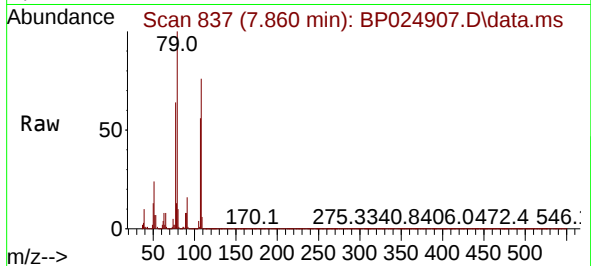




#15  
Benzyl Alcohol  
Concen: 42.348 ng  
RT: 7.860 min Scan# 81  
Delta R.T. -0.000 min  
Lab File: BP024907.D  
Acq: 11 Jun 2025 11:31

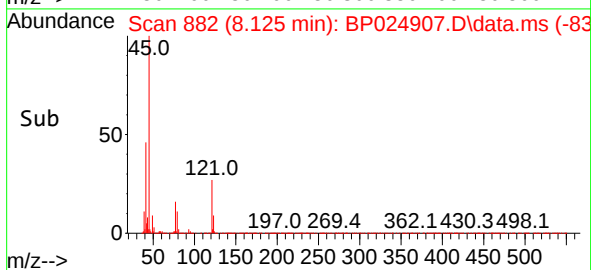
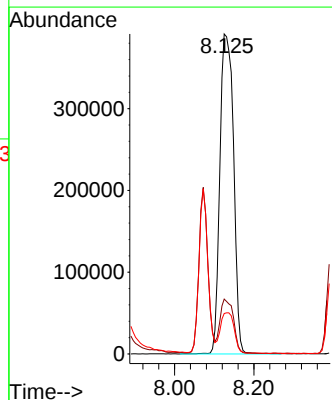
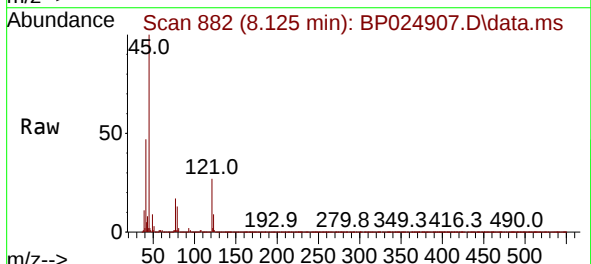
Instrument :  
BNA\_P  
ClientSampleId :  
PB168300BS

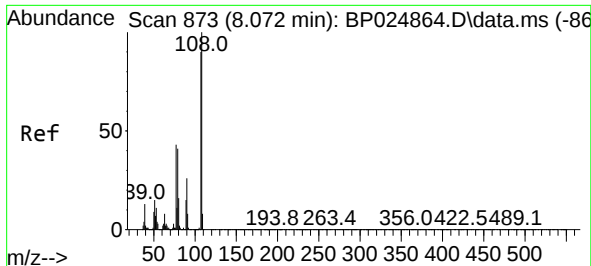
Tgt Ion: 79 Resp: 732307  
Ion Ratio Lower Upper  
79 100  
108 76.4 60.2 90.4  
77 64.0 51.2 76.8



#16  
2,2'-oxybis(1-Chloropropane)  
Concen: 39.192 ng  
RT: 8.125 min Scan# 882  
Delta R.T. -0.006 min  
Lab File: BP024907.D  
Acq: 11 Jun 2025 11:31

Tgt Ion: 45 Resp: 937163  
Ion Ratio Lower Upper  
45 100  
77 17.2 0.0 36.3  
79 12.7 0.0 32.2

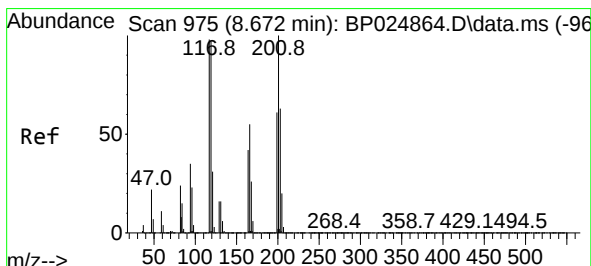
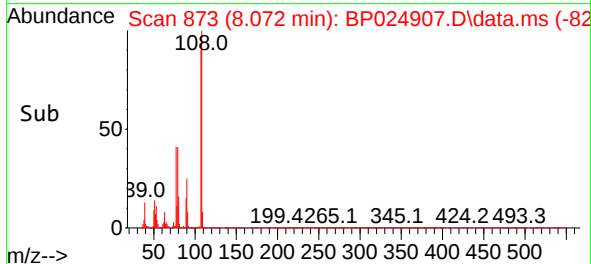
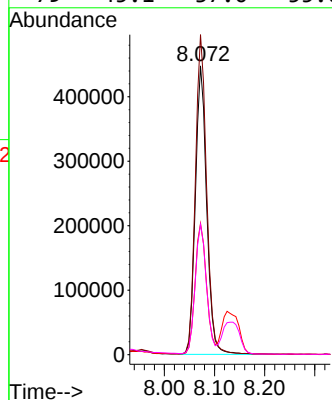
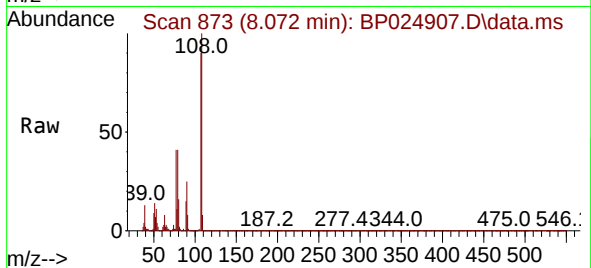




#17  
2-Methylphenol  
Concen: 43.073 ng  
RT: 8.072 min Scan# 81  
Delta R.T. -0.000 min  
Lab File: BP024907.D  
Acq: 11 Jun 2025 11:31

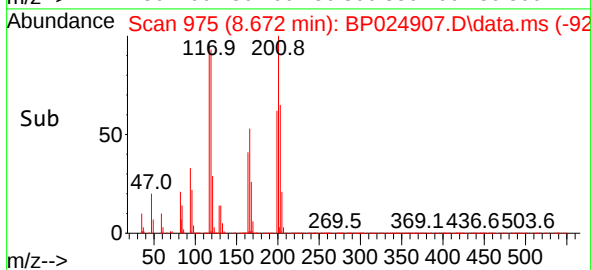
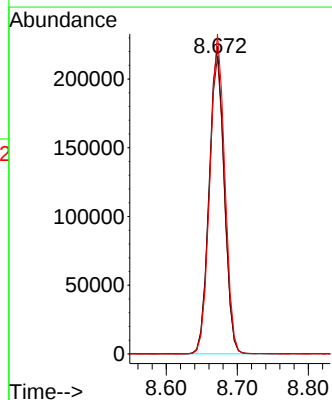
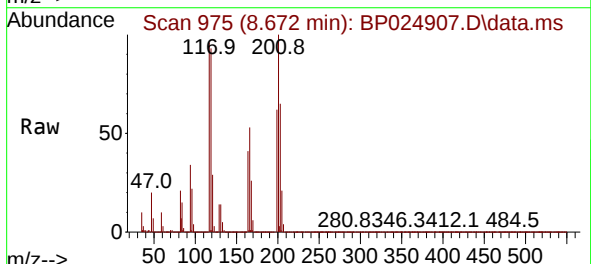
Instrument :  
BNA\_P  
ClientSampleId :  
PB168300BS

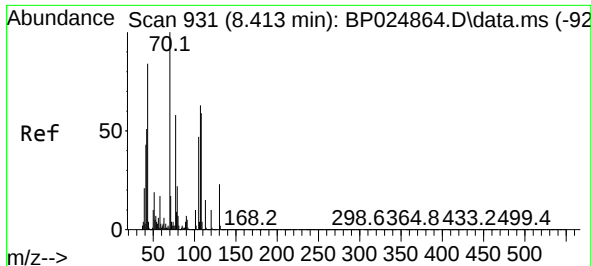
|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 107   | Resp: | 698663 |
| Ion      | Ratio | Lower | Upper  |
| 107      | 100   |       |        |
| 108      | 110.8 | 88.6  | 132.8  |
| 77       | 45.5  | 38.5  | 57.7   |
| 79       | 45.1  | 37.0  | 55.6   |



#18  
Hexachloroethane  
Concen: 40.421 ng  
RT: 8.672 min Scan# 975  
Delta R.T. -0.000 min  
Lab File: BP024907.D  
Acq: 11 Jun 2025 11:31

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 117   | Resp: | 330696 |
| Ion      | Ratio | Lower | Upper  |
| 117      | 100   |       |        |
| 119      | 96.5  | 79.4  | 119.2  |
| 201      | 103.9 | 81.4  | 122.2  |



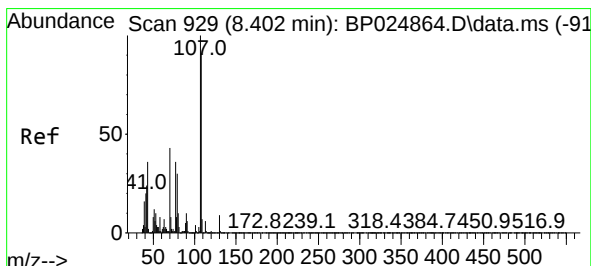
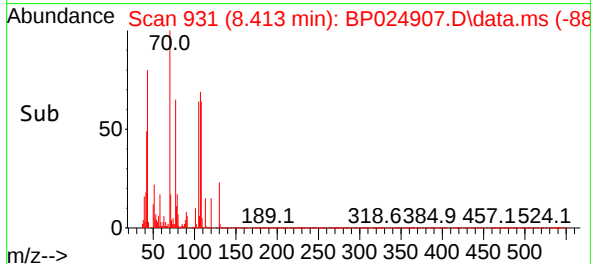
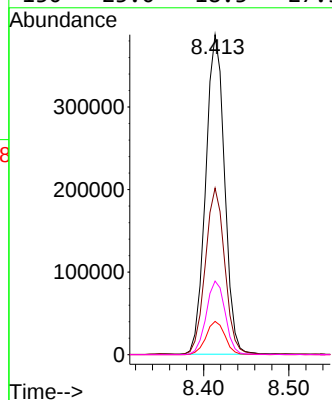
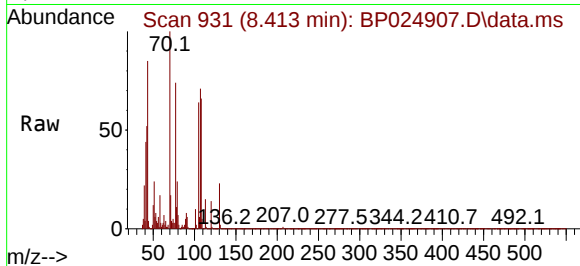


#19  
n-Nitroso-di-n-propylamine  
Concen: 38.983 ng  
RT: 8.413 min Scan# 91  
Delta R.T. -0.000 min  
Lab File: BP024907.D  
Acq: 11 Jun 2025 11:31

Instrument :  
BNA\_P  
ClientSampleId :  
PB168300BS

Tgt Ion: 70 Resp: 597122

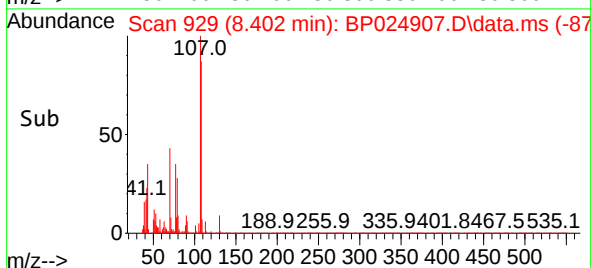
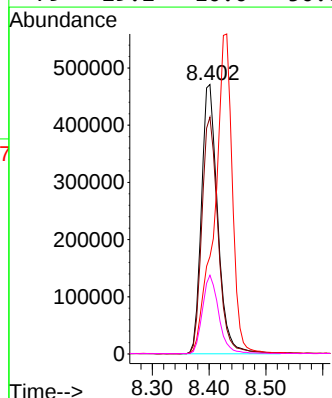
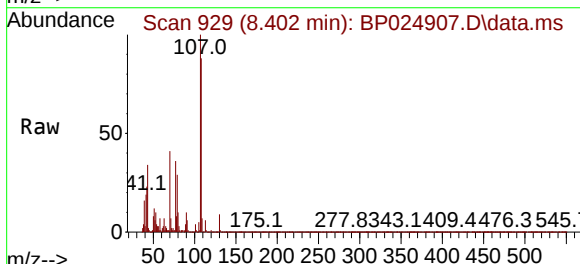
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 70  | 100   |       |       |
| 42  | 52.1  | 41.2  | 61.8  |
| 101 | 10.4  | 8.3   | 12.5  |
| 130 | 23.0  | 18.3  | 27.5  |

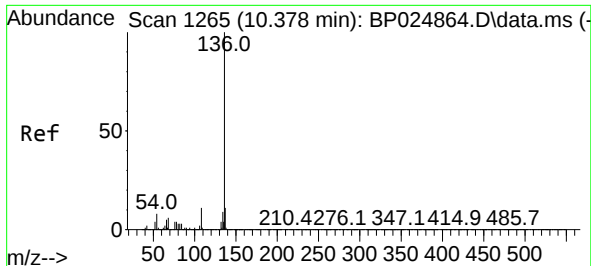


#20  
3+4-Methylphenols  
Concen: 42.290 ng  
RT: 8.402 min Scan# 929  
Delta R.T. -0.000 min  
Lab File: BP024907.D  
Acq: 11 Jun 2025 11:31

Tgt Ion: 107 Resp: 935876

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 107 | 100   |       |       |
| 108 | 87.9  | 70.7  | 110.7 |
| 77  | 36.2  | 16.6  | 56.6  |
| 79  | 29.2  | 10.0  | 50.0  |

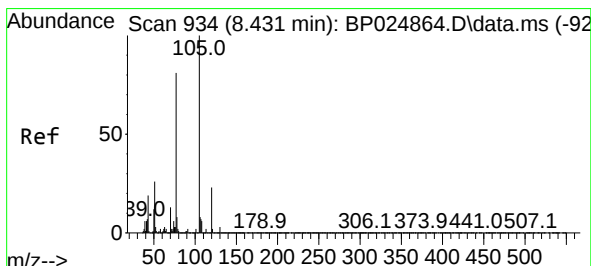
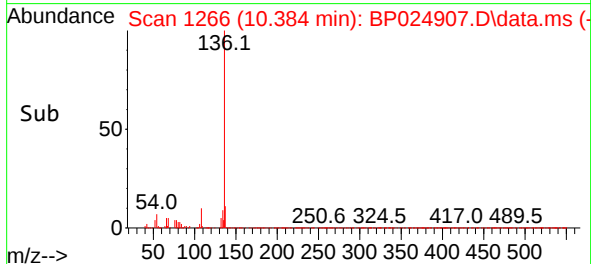
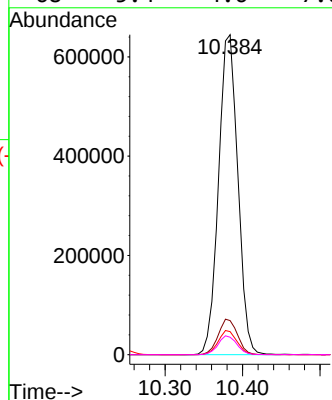
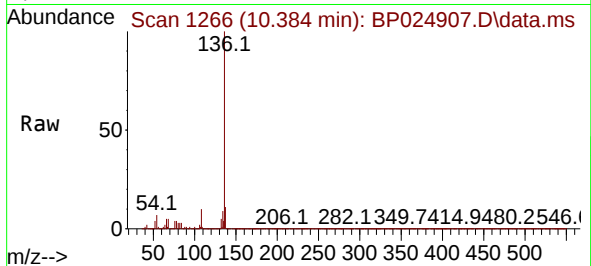




#21  
Naphthalene-d8  
Concen: 20.000 ng  
RT: 10.384 min Scan# 11  
Delta R.T. 0.006 min  
Lab File: BP024907.D  
Acq: 11 Jun 2025 11:31

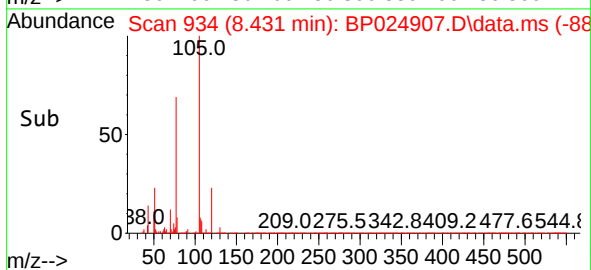
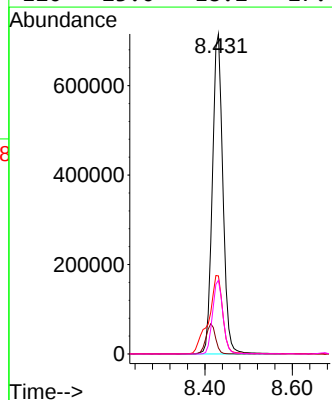
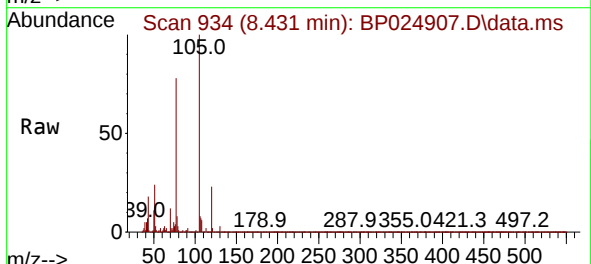
Instrument :  
BNA\_P  
ClientSampleId :  
PB168300BS

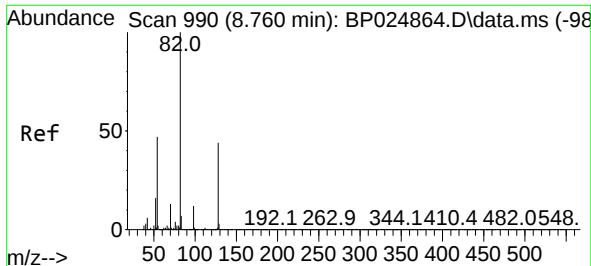
Tgt Ion:136 Resp: 1118806  
Ion Ratio Lower Upper  
136 100  
137 10.6 8.9 13.3  
54 7.2 6.1 9.1  
68 5.4 4.6 7.0



#22  
Acetophenone  
Concen: 42.350 ng  
RT: 8.431 min Scan# 934  
Delta R.T. -0.000 min  
Lab File: BP024907.D  
Acq: 11 Jun 2025 11:31

Tgt Ion:105 Resp: 1197113  
Ion Ratio Lower Upper  
105 100  
71 1.9 1.6 2.4  
51 24.4 20.6 31.0  
120 23.0 18.2 27.4

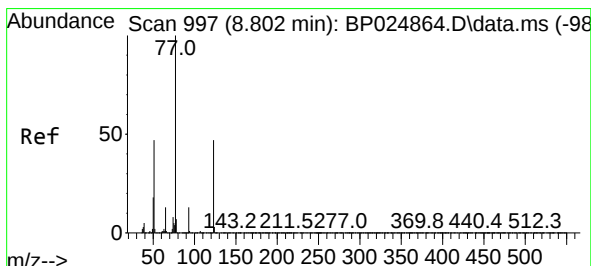
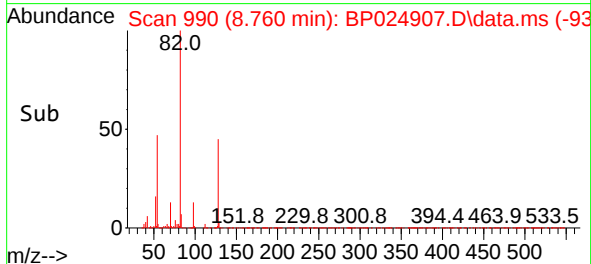
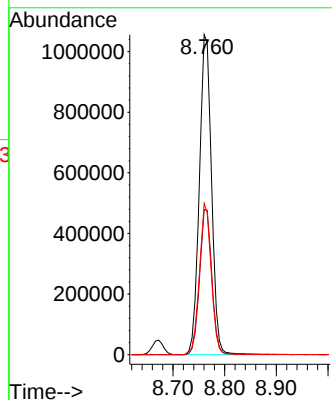
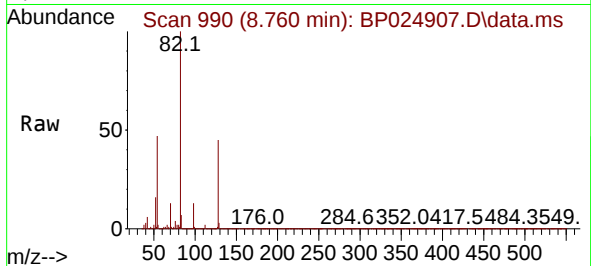




#23  
Nitrobenzene-d5  
Concen: 75.069 ng  
RT: 8.760 min Scan# 990  
Delta R.T. -0.000 min  
Lab File: BP024907.D  
Acq: 11 Jun 2025 11:31

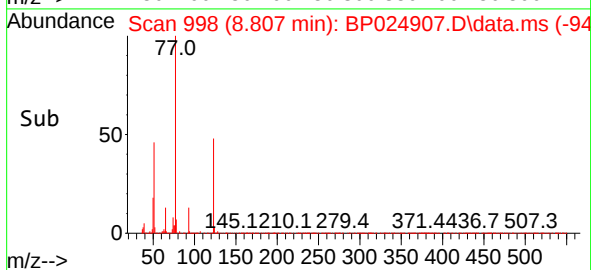
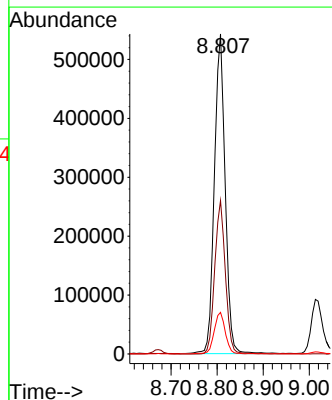
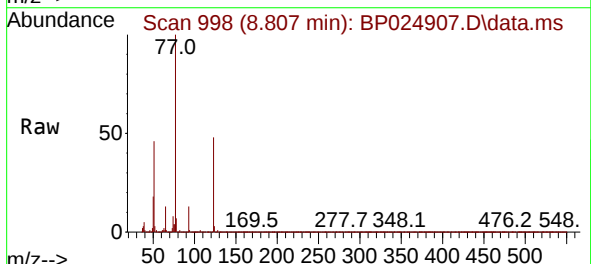
Instrument :  
BNA\_P  
ClientSampleId :  
PB168300BS

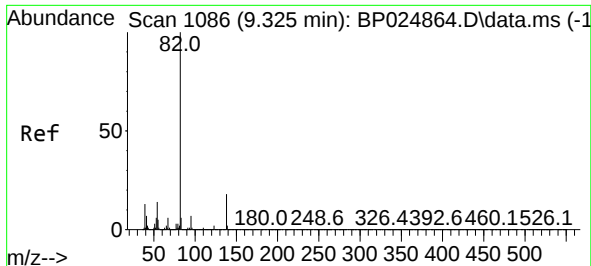
Tgt Ion: 82 Resp: 1728381  
Ion Ratio Lower Upper  
82 100  
128 45.4 35.3 52.9  
54 47.3 37.4 56.0



#24  
Nitrobenzene  
Concen: 43.180 ng  
RT: 8.807 min Scan# 998  
Delta R.T. 0.006 min  
Lab File: BP024907.D  
Acq: 11 Jun 2025 11:31

Tgt Ion: 77 Resp: 883210  
Ion Ratio Lower Upper  
77 100  
123 47.9 37.3 55.9  
65 13.0 10.8 16.2

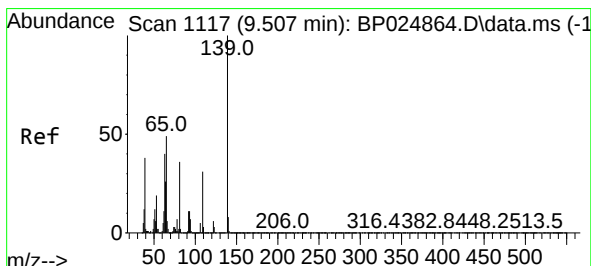
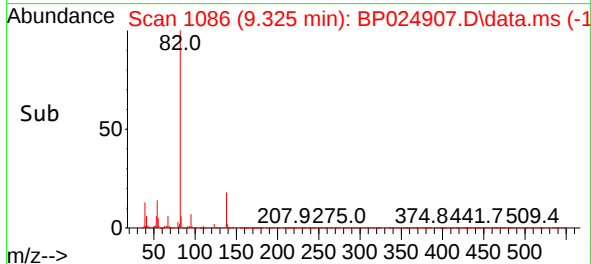
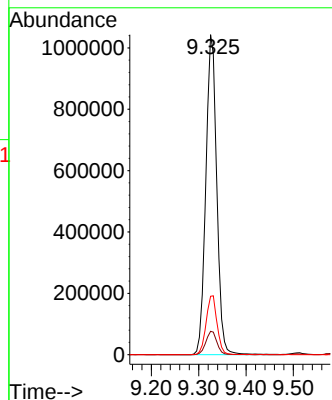
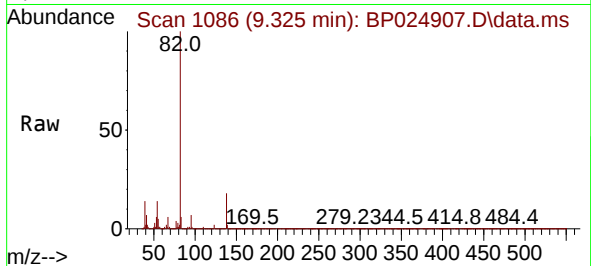




#25  
Isophorone  
Concen: 41.792 ng  
RT: 9.325 min Scan# 1086  
Delta R.T. -0.000 min  
Lab File: BP024907.D  
Acq: 11 Jun 2025 11:31

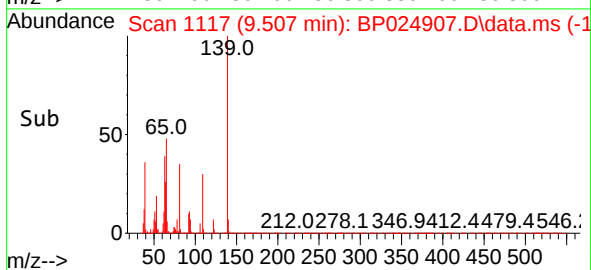
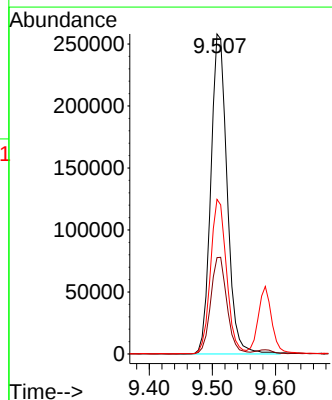
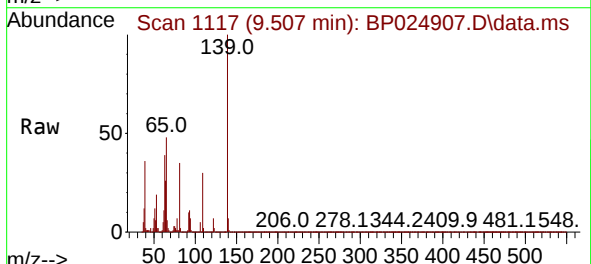
Instrument :  
BNA\_P  
ClientSampleId :  
PB168300BS

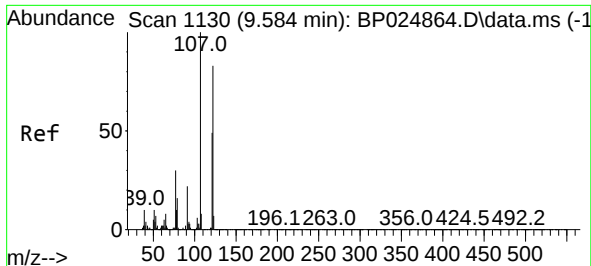
Tgt Ion: 82 Resp: 1667646  
Ion Ratio Lower Upper  
82 100  
95 7.3 5.9 8.9  
138 18.3 14.6 21.8



#26  
2-Nitrophenol  
Concen: 45.798 ng  
RT: 9.507 min Scan# 1117  
Delta R.T. -0.000 min  
Lab File: BP024907.D  
Acq: 11 Jun 2025 11:31

Tgt Ion: 139 Resp: 462205  
Ion Ratio Lower Upper  
139 100  
109 30.1 24.6 37.0  
65 48.3 39.5 59.3





#27

2,4-Dimethylphenol

Concen: 45.671 ng

RT: 9.584 min Scan# 1130

Delta R.T. -0.000 min

Lab File: BP024907.D

Acq: 11 Jun 2025 11:31

Instrument :

BNA\_P

ClientSampleId :

PB168300BS

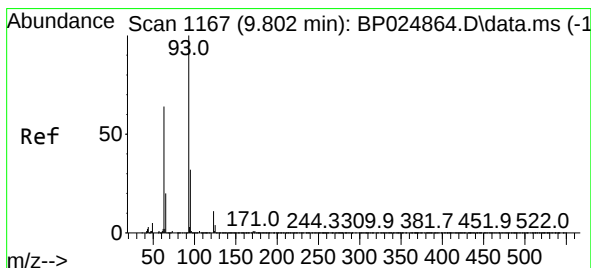
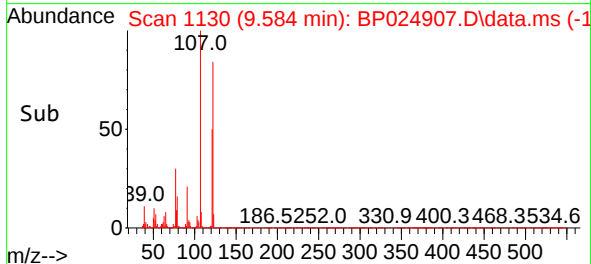
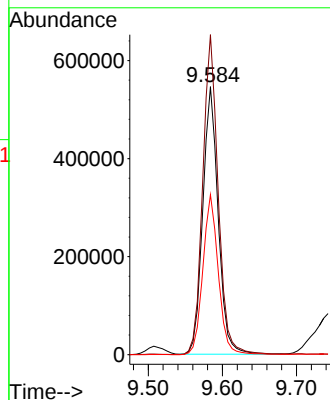
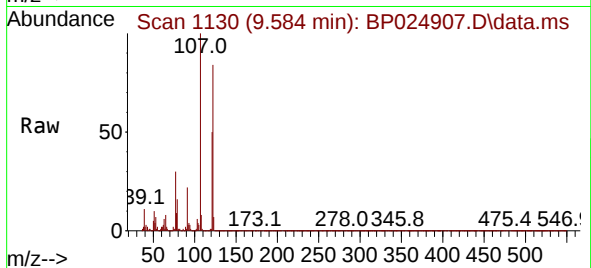
Tgt Ion:122 Resp: 788841

Ion Ratio Lower Upper

122 100

107 119.4 96.2 144.4

121 59.7 47.0 70.4



#28

bis(2-Chloroethoxy)methane

Concen: 43.049 ng

RT: 9.801 min Scan# 1167

Delta R.T. -0.000 min

Lab File: BP024907.D

Acq: 11 Jun 2025 11:31

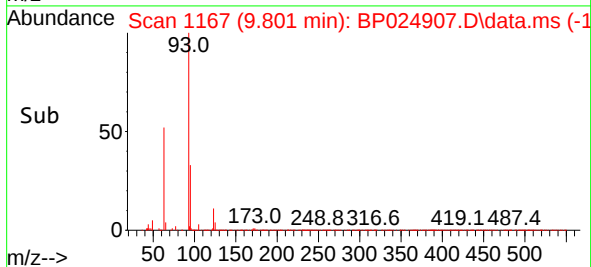
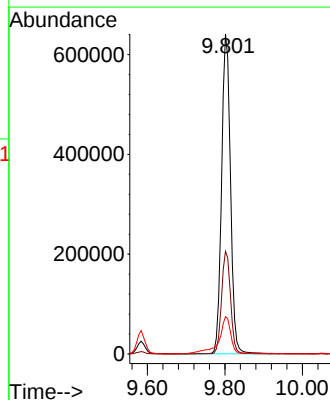
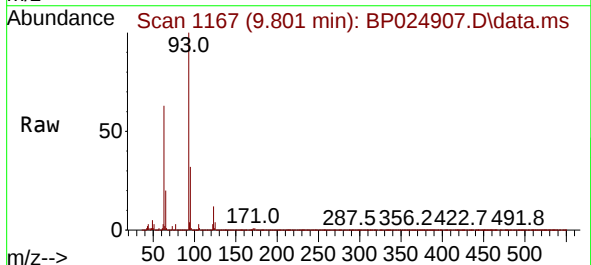
Tgt Ion: 93 Resp: 1024680

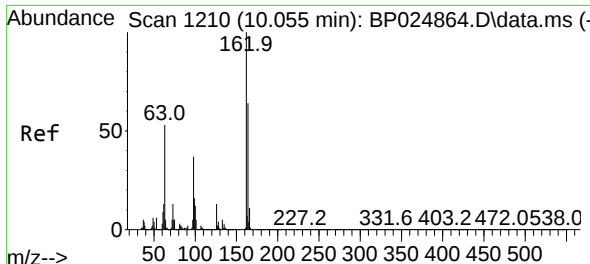
Ion Ratio Lower Upper

93 100

95 32.1 25.5 38.3

123 11.6 9.2 13.8

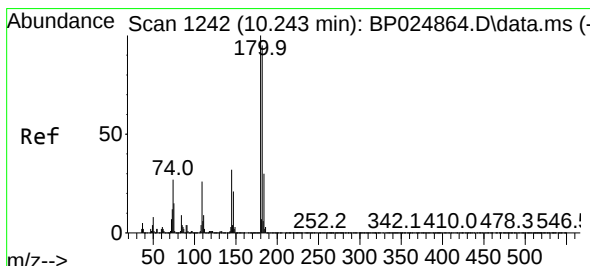
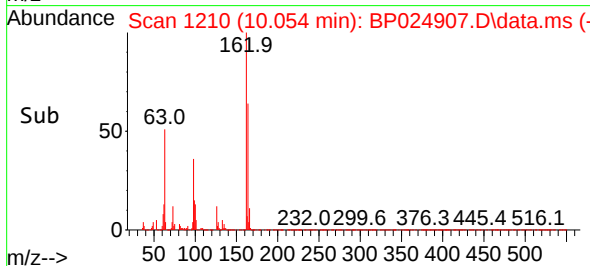
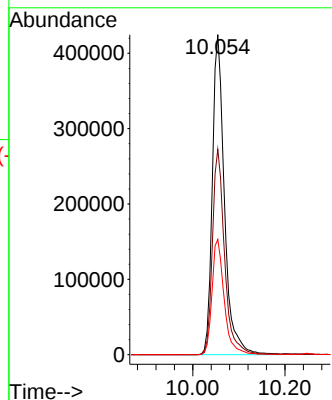
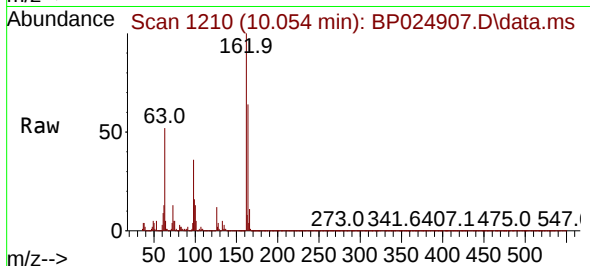




#29  
2,4-Dichlorophenol  
Concen: 46.786 ng  
RT: 10.054 min Scan# 1210  
Delta R.T. -0.000 min  
Lab File: BP024907.D  
Acq: 11 Jun 2025 11:31

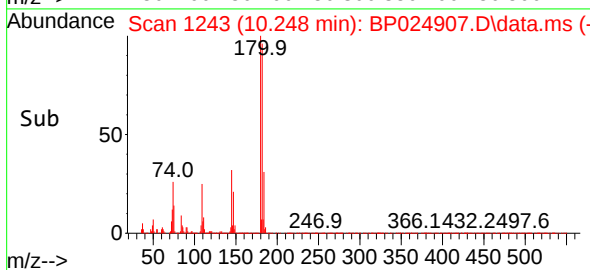
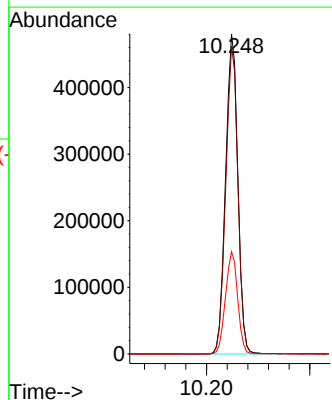
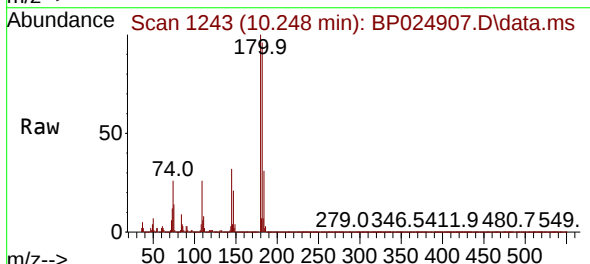
Instrument :  
BNA\_P  
ClientSampleId :  
PB168300BS

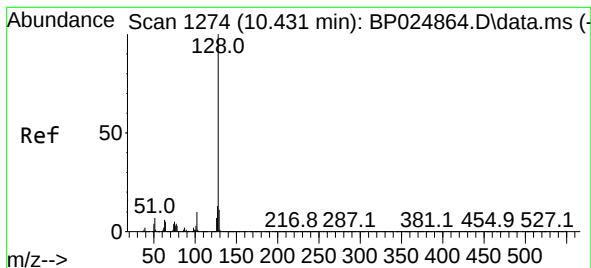
Tgt Ion:162 Resp: 775366  
Ion Ratio Lower Upper  
162 100  
164 64.2 44.0 84.0  
98 36.1 16.9 56.9



#30  
1,2,4-Trichlorobenzene  
Concen: 42.101 ng  
RT: 10.248 min Scan# 1243  
Delta R.T. 0.006 min  
Lab File: BP024907.D  
Acq: 11 Jun 2025 11:31

Tgt Ion:180 Resp: 786972  
Ion Ratio Lower Upper  
180 100  
182 96.2 75.8 113.6  
145 31.9 25.7 38.5

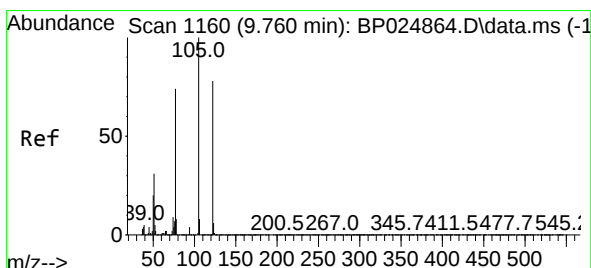
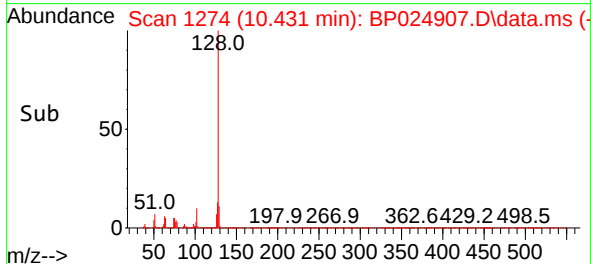
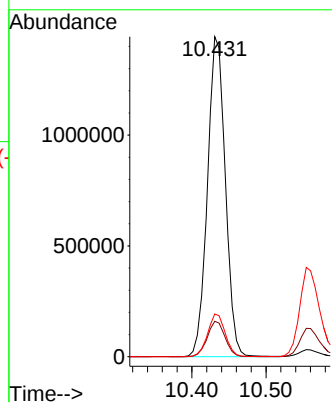
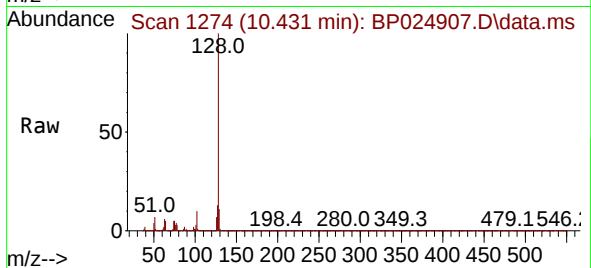




#31  
Naphthalene  
Concen: 42.164 ng  
RT: 10.431 min Scan# 1163  
Delta R.T. -0.000 min  
Lab File: BP024907.D  
Acq: 11 Jun 2025 11:31

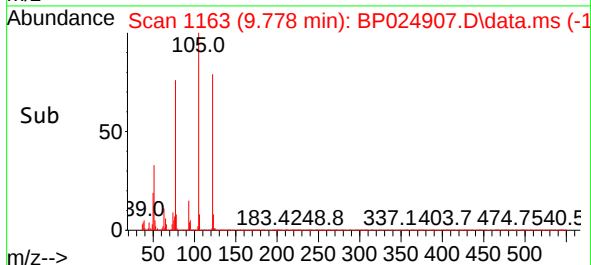
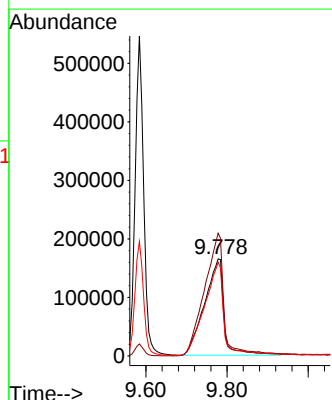
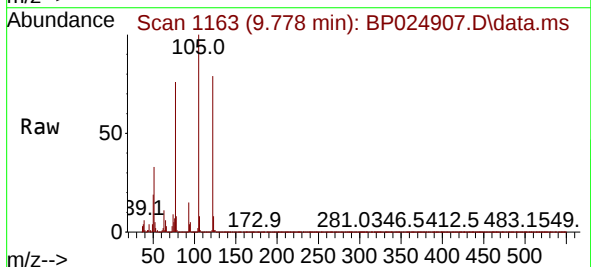
Instrument :  
BNA\_P  
ClientSampleId :  
PB168300BS

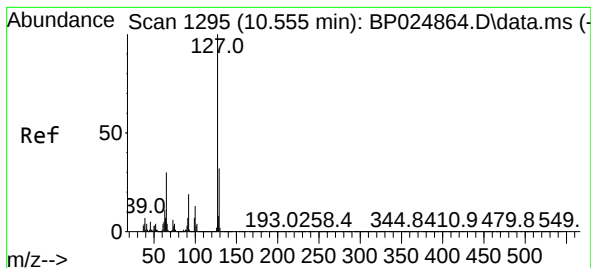
Tgt Ion:128 Resp: 2417478  
Ion Ratio Lower Upper  
128 100  
129 11.1 8.7 13.1  
127 13.4 10.7 16.1



#32  
Benzoic acid  
Concen: 46.869 ng  
RT: 9.778 min Scan# 1163  
Delta R.T. 0.018 min  
Lab File: BP024907.D  
Acq: 11 Jun 2025 11:31

Tgt Ion:122 Resp: 547046  
Ion Ratio Lower Upper  
122 100  
105 126.5 107.1 147.1  
77 96.5 75.1 115.1

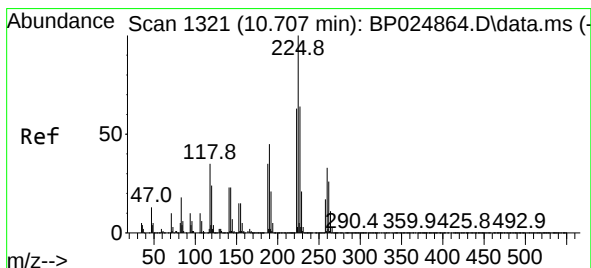
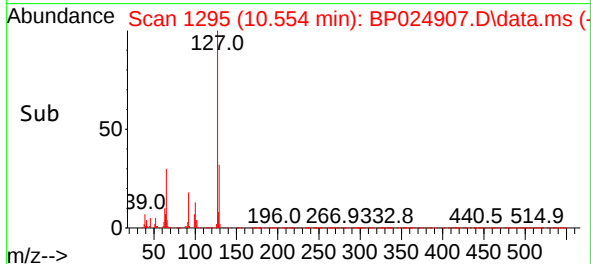
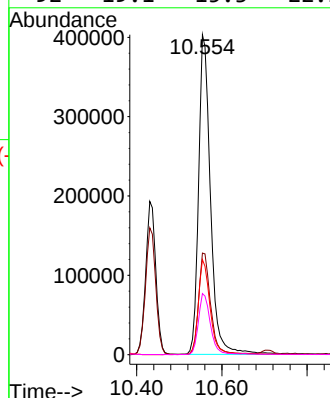
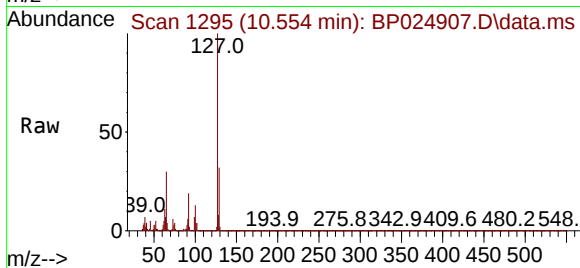




#33  
4-Chloroaniline  
Concen: 32.561 ng  
RT: 10.554 min Scan# 1295  
Delta R.T. -0.000 min  
Lab File: BP024907.D  
Acq: 11 Jun 2025 11:31

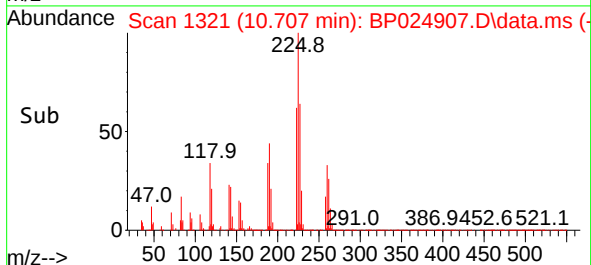
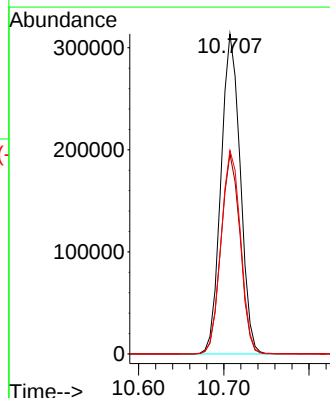
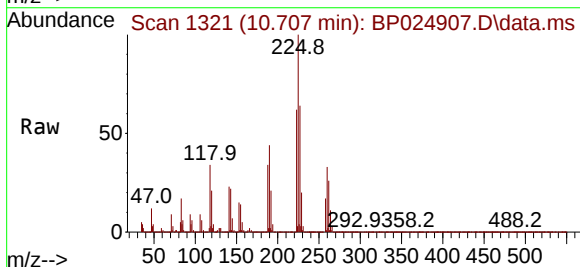
Instrument :  
BNA\_P  
ClientSampleId :  
PB168300BS

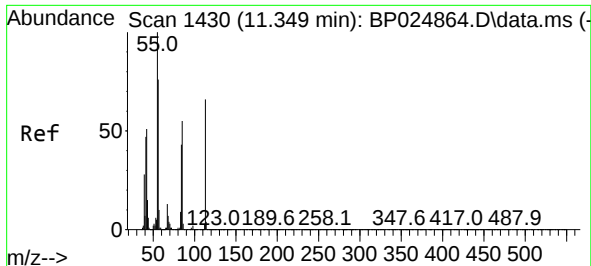
|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 127   | Resp: | 782136 |
| Ion      | Ratio | Lower | Upper  |
| 127      | 100   |       |        |
| 129      | 31.8  | 25.9  | 38.9   |
| 65       | 29.7  | 23.9  | 35.9   |
| 92       | 19.1  | 15.3  | 22.9   |



#34  
Hexachlorobutadiene  
Concen: 43.777 ng  
RT: 10.707 min Scan# 1321  
Delta R.T. -0.000 min  
Lab File: BP024907.D  
Acq: 11 Jun 2025 11:31

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 225   | Resp: | 493200 |
| Ion      | Ratio | Lower | Upper  |
| 225      | 100   |       |        |
| 223      | 62.5  | 50.5  | 75.7   |
| 227      | 63.6  | 51.4  | 77.2   |

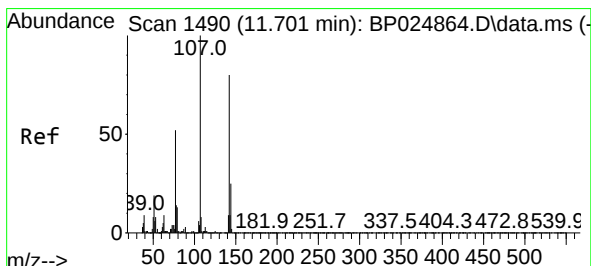
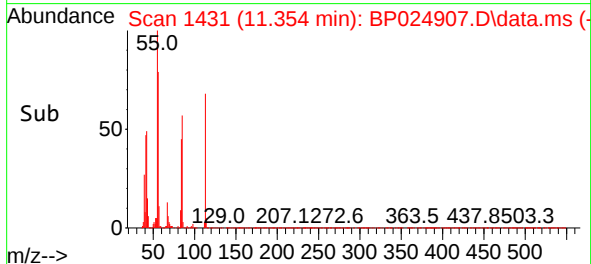
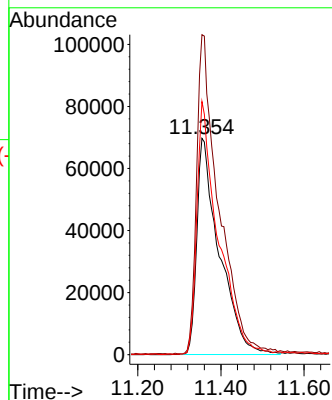
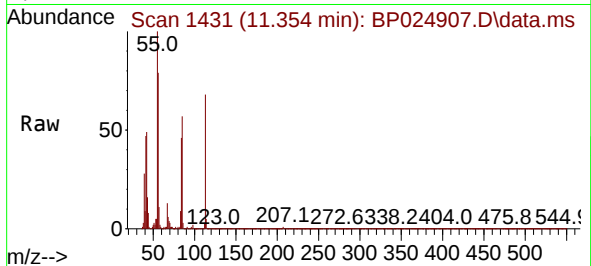




#35  
 Caprolactam  
 Concen: 42.887 ng  
 RT: 11.354 min Scan# 1430  
 Delta R.T. 0.006 min  
 Lab File: BP024907.D  
 Acq: 11 Jun 2025 11:31

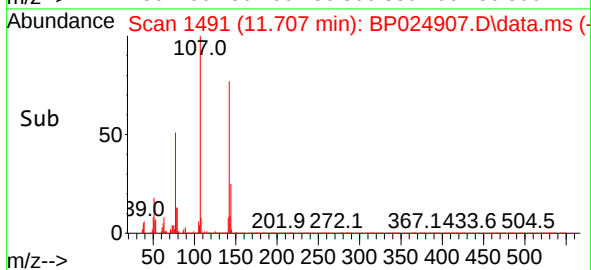
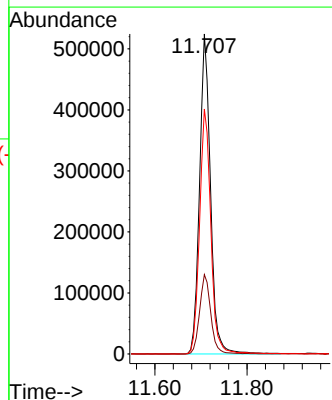
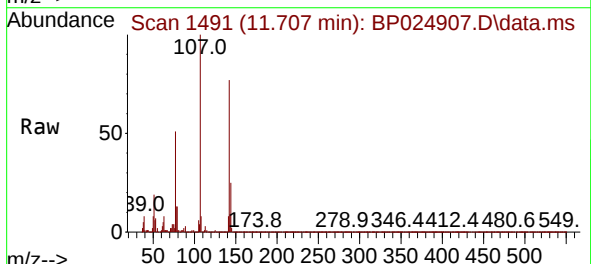
Instrument :  
 BNA\_P  
 ClientSampleId :  
 PB168300BS

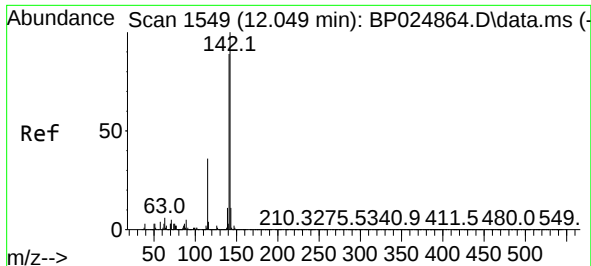
Tgt Ion:113 Resp: 261628  
 Ion Ratio Lower Upper  
 113 100  
 55 147.9 132.5 172.5  
 56 117.0 96.0 136.0



#36  
 4-Chloro-3-methylphenol  
 Concen: 45.292 ng  
 RT: 11.707 min Scan# 1491  
 Delta R.T. 0.006 min  
 Lab File: BP024907.D  
 Acq: 11 Jun 2025 11:31

Tgt Ion:107 Resp: 865787  
 Ion Ratio Lower Upper  
 107 100  
 144 24.8 20.4 30.6  
 142 76.5 63.8 95.6

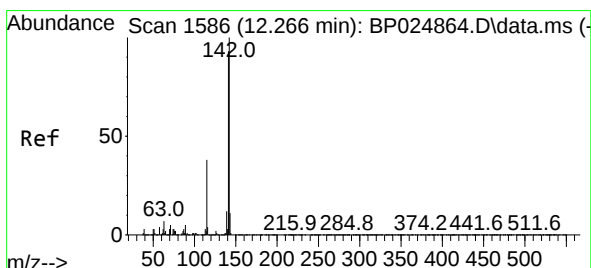
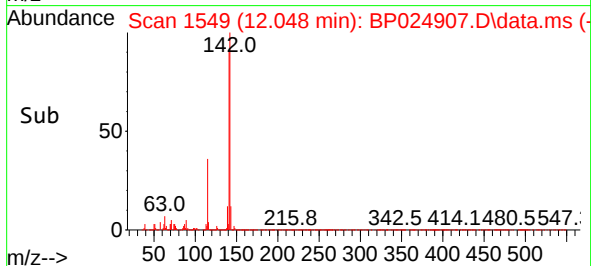
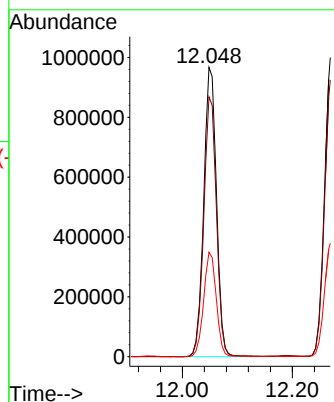
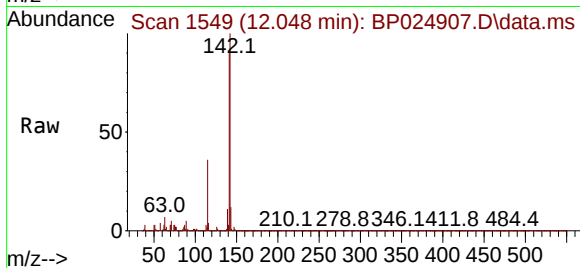




#37  
2-Methylnaphthalene  
Concen: 42.755 ng  
RT: 12.048 min Scan# 1549  
Delta R.T. -0.000 min  
Lab File: BP024907.D  
Acq: 11 Jun 2025 11:31

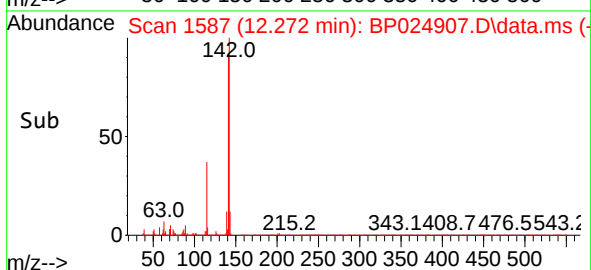
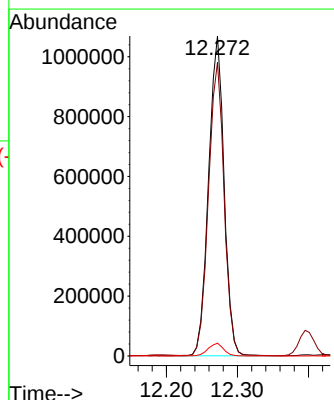
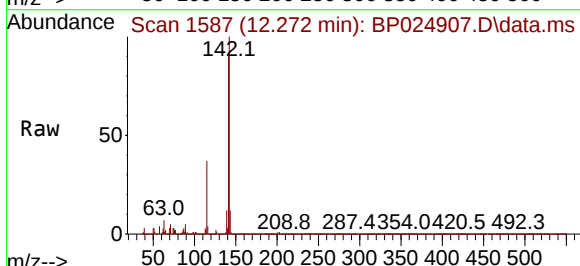
Instrument :  
BNA\_P  
ClientSampleId :  
PB168300BS

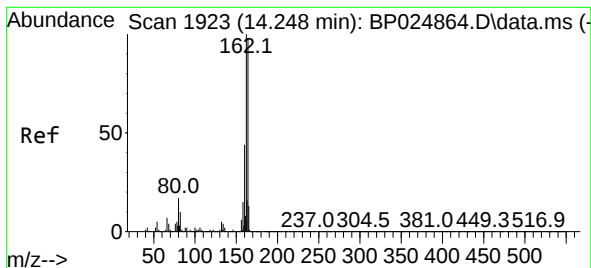
Tgt Ion:142 Resp: 1554959  
Ion Ratio Lower Upper  
142 100  
141 89.8 71.2 106.8  
115 36.1 28.5 42.7



#38  
1-Methylnaphthalene  
Concen: 41.814 ng  
RT: 12.272 min Scan# 1587  
Delta R.T. 0.006 min  
Lab File: BP024907.D  
Acq: 11 Jun 2025 11:31

Tgt Ion:142 Resp: 1625831  
Ion Ratio Lower Upper  
142 100  
141 91.7 74.7 112.1  
116 4.0 3.4 5.0





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.254 min Scan# 1924

Delta R.T. 0.006 min

Lab File: BP024907.D

Acq: 11 Jun 2025 11:31

Instrument :

BNA\_P

ClientSampleId :

PB168300BS

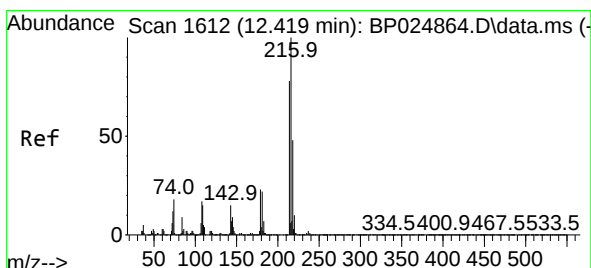
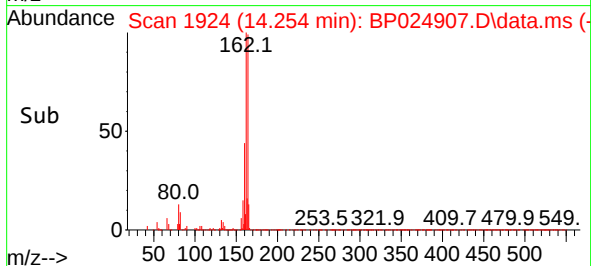
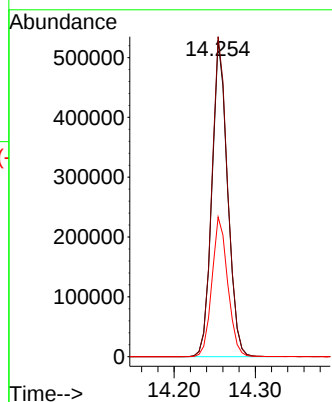
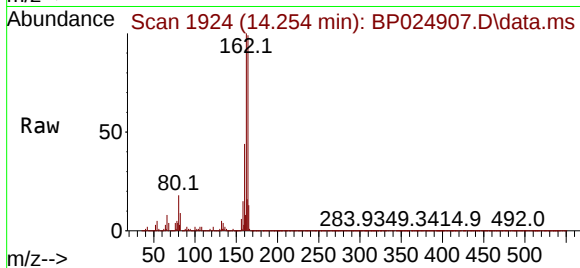
Tgt Ion:164 Resp: 705062

Ion Ratio Lower Upper

164 100

162 101.2 81.6 122.4

160 44.2 36.2 54.2



#40

1,2,4,5-Tetrachlorobenzene

Concen: 44.307 ng

RT: 12.425 min Scan# 1613

Delta R.T. 0.006 min

Lab File: BP024907.D

Acq: 11 Jun 2025 11:31

Tgt Ion:216 Resp: 886419

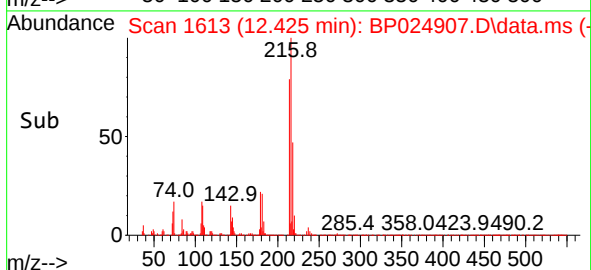
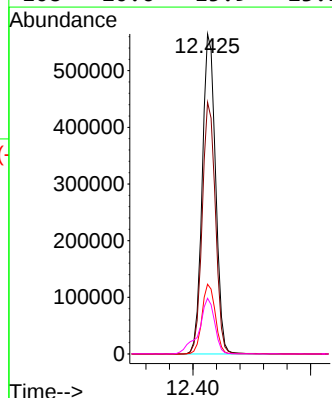
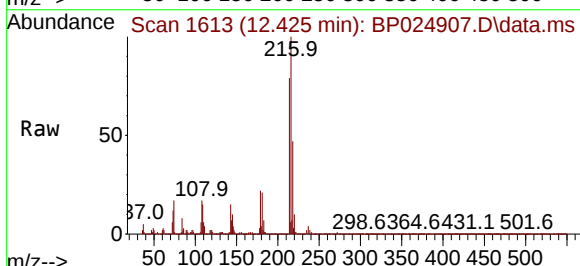
Ion Ratio Lower Upper

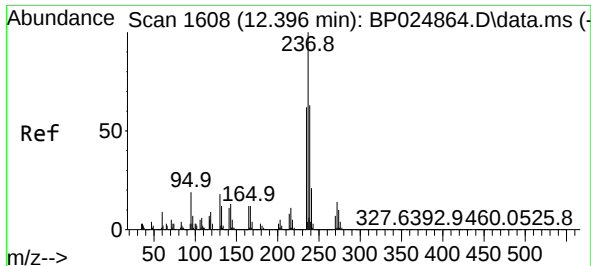
216 100

214 78.2 63.0 94.4

179 21.8 17.8 26.6

108 20.6 15.9 23.9

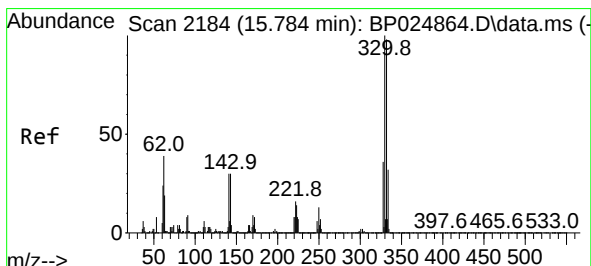
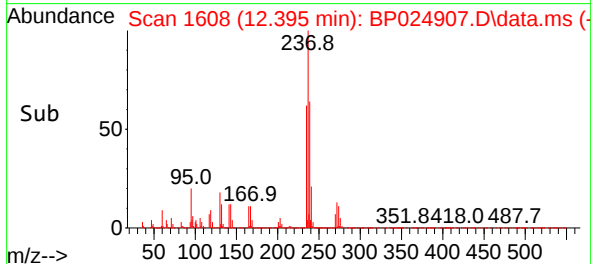
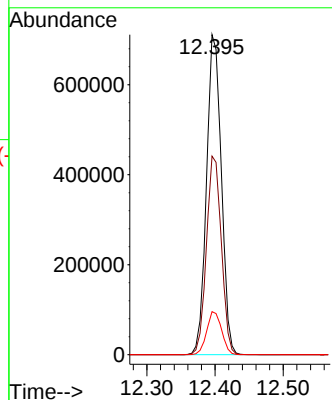
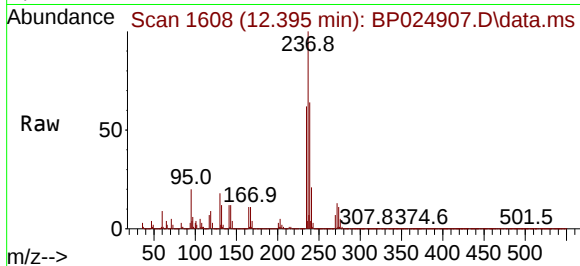




#41  
Hexachlorocyclopentadiene  
Concen: 88.047 ng  
RT: 12.395 min Scan# 1  
Delta R.T. -0.000 min  
Lab File: BP024907.D  
Acq: 11 Jun 2025 11:31

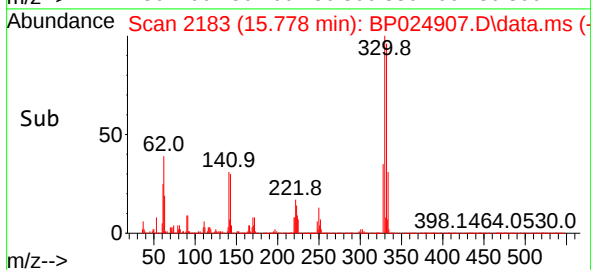
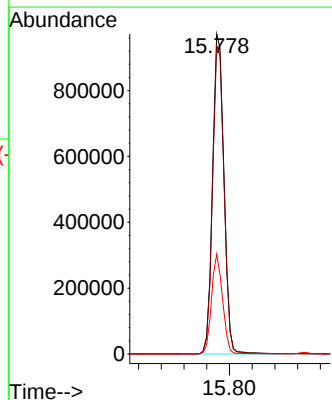
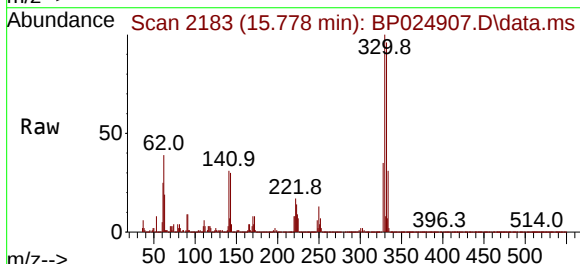
Instrument :  
BNA\_P  
ClientSampleId :  
PB168300BS

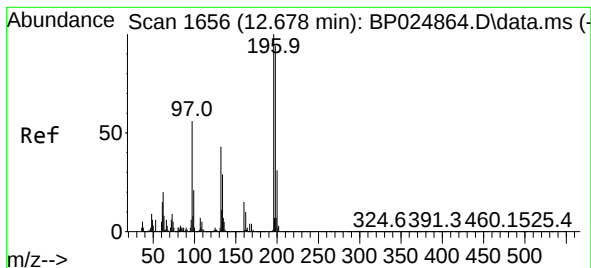
Tgt Ion:237 Resp: 1074406  
Ion Ratio Lower Upper  
237 100  
235 62.1 41.9 81.9  
272 13.5 0.0 33.7



#42  
2,4,6-Tribromophenol  
Concen: 138.062 ng  
RT: 15.778 min Scan# 2183  
Delta R.T. -0.006 min  
Lab File: BP024907.D  
Acq: 11 Jun 2025 11:31

Tgt Ion:330 Resp: 1345812  
Ion Ratio Lower Upper  
330 100  
332 96.9 77.7 116.5  
141 30.3 26.4 39.6





#43

2,4,6-Trichlorophenol

Concen: 46.607 ng

RT: 12.678 min Scan# 1656

Delta R.T. -0.000 min

Lab File: BP024907.D

Acq: 11 Jun 2025 11:31

Instrument :

BNA\_P

ClientSampleId :

PB168300BS

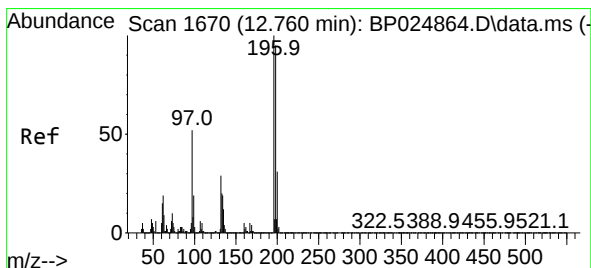
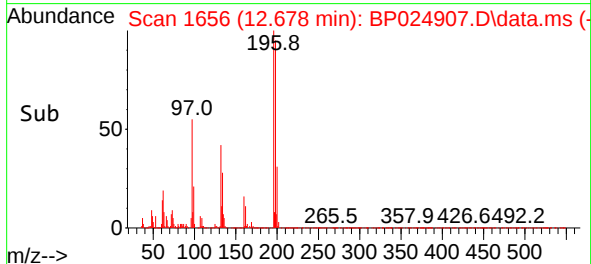
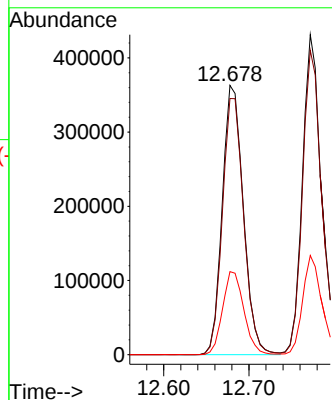
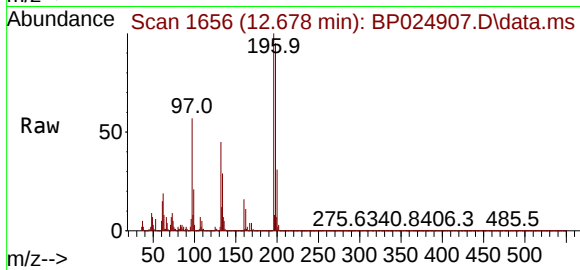
Tgt Ion:196 Resp: 626192

Ion Ratio Lower Upper

196 100

198 95.1 75.4 113.0

200 30.9 24.4 36.6



#44

2,4,5-Trichlorophenol

Concen: 47.686 ng

RT: 12.772 min Scan# 1672

Delta R.T. 0.012 min

Lab File: BP024907.D

Acq: 11 Jun 2025 11:31

Tgt Ion:196 Resp: 686152

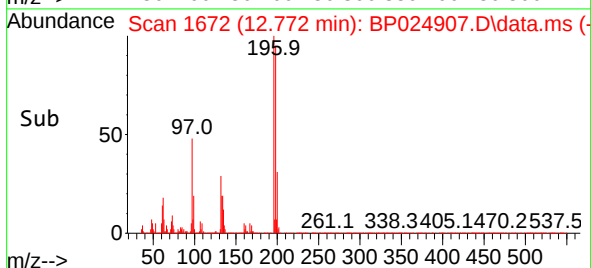
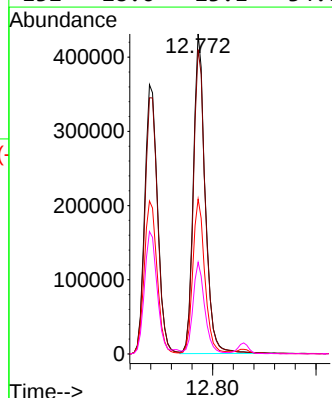
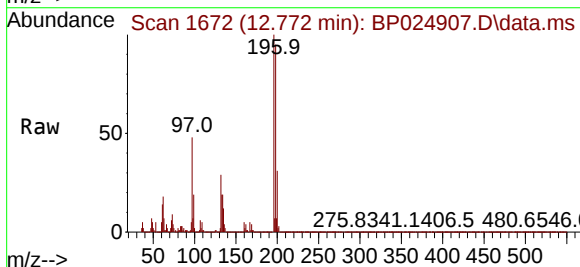
Ion Ratio Lower Upper

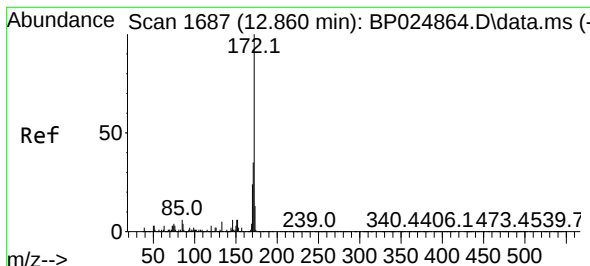
196 100

198 95.1 76.0 114.0

97 48.4 41.5 62.3

132 28.6 23.1 34.7

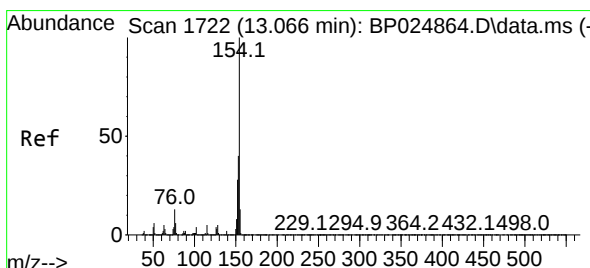
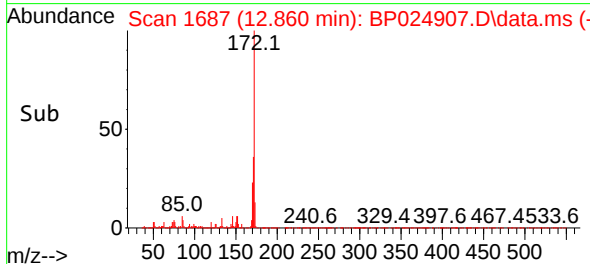
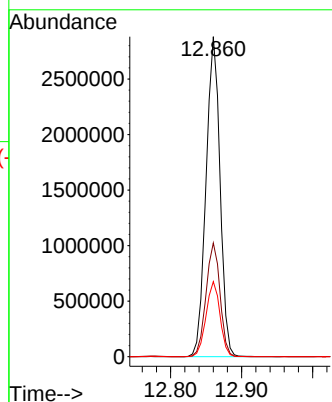
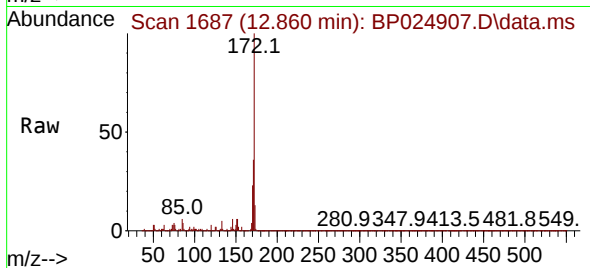




#45  
2-Fluorobiphenyl  
Concen: 75.546 ng  
RT: 12.860 min Scan# 1687  
Delta R.T. -0.000 min  
Lab File: BP024907.D  
Acq: 11 Jun 2025 11:31

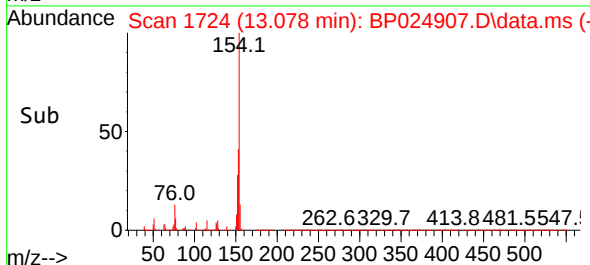
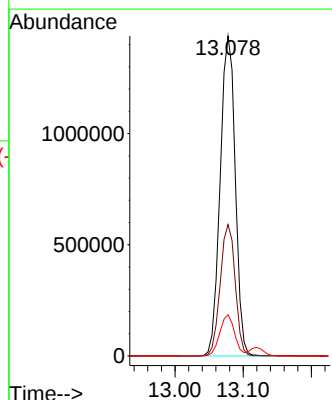
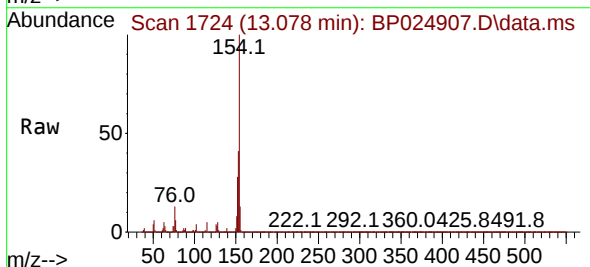
Instrument :  
BNA\_P  
ClientSampleId :  
PB168300BS

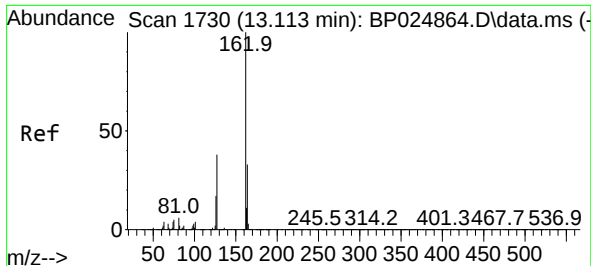
Tgt Ion:172 Resp: 3953950  
Ion Ratio Lower Upper  
172 100  
171 35.5 28.3 42.5  
170 23.4 19.0 28.4



#46  
1,1'-Biphenyl  
Concen: 43.250 ng  
RT: 13.078 min Scan# 1724  
Delta R.T. 0.012 min  
Lab File: BP024907.D  
Acq: 11 Jun 2025 11:31

Tgt Ion:154 Resp: 2216063  
Ion Ratio Lower Upper  
154 100  
153 41.0 20.3 60.3  
76 12.9 0.0 33.0

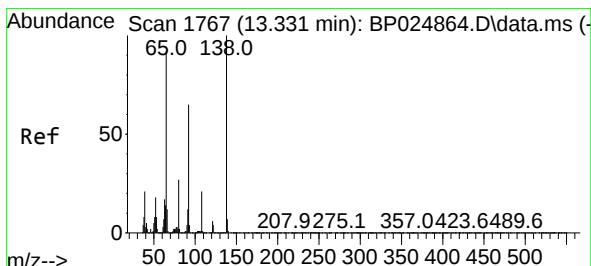
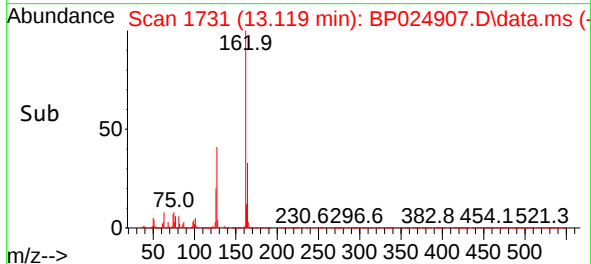
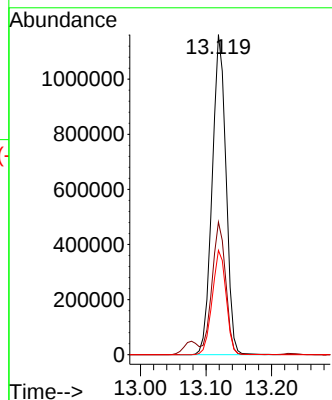
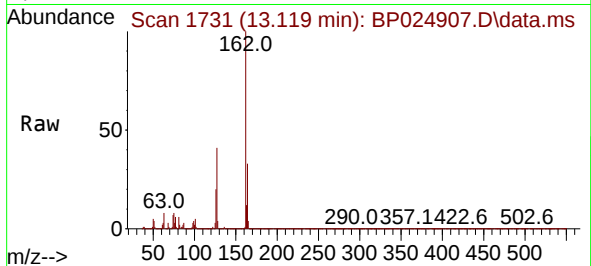




#47  
2-Chloronaphthalene  
Concen: 43.288 ng  
RT: 13.119 min Scan# 1730  
Delta R.T. 0.006 min  
Lab File: BP024907.D  
Acq: 11 Jun 2025 11:31

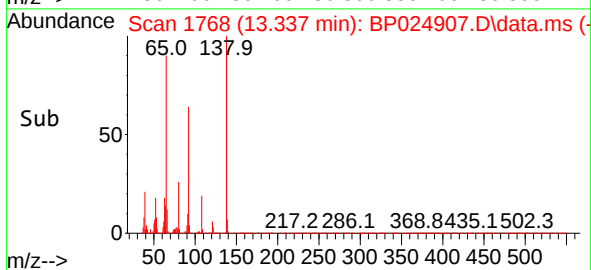
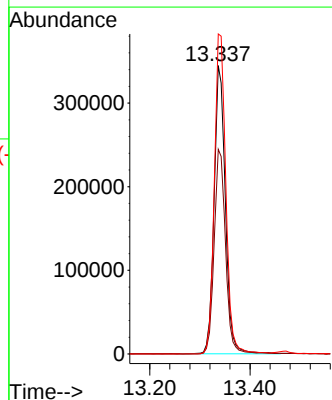
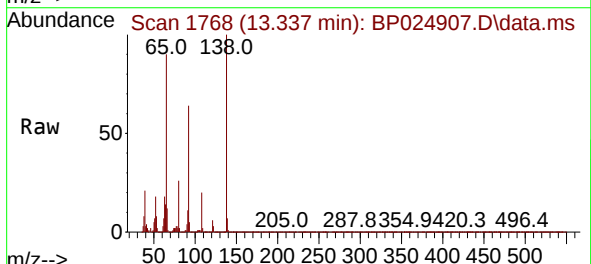
Instrument :  
BNA\_P  
ClientSampleId :  
PB168300BS

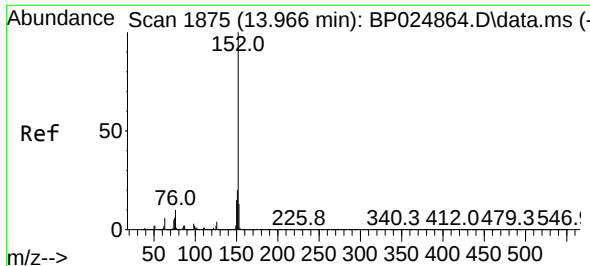
Tgt Ion:162 Resp: 1704725  
Ion Ratio Lower Upper  
162 100  
127 41.4 32.5 48.7  
164 32.6 26.2 39.2



#48  
2-Nitroaniline  
Concen: 44.431 ng  
RT: 13.337 min Scan# 1768  
Delta R.T. 0.006 min  
Lab File: BP024907.D  
Acq: 11 Jun 2025 11:31

Tgt Ion: 65 Resp: 537932  
Ion Ratio Lower Upper  
65 100  
92 71.0 56.8 85.2  
138 111.0 86.9 130.3

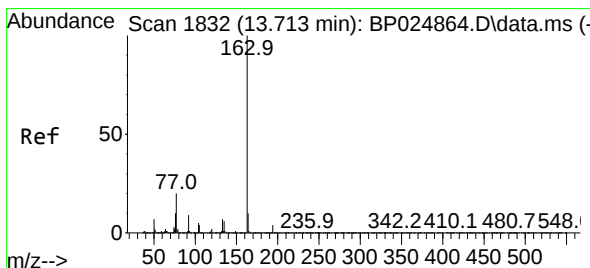
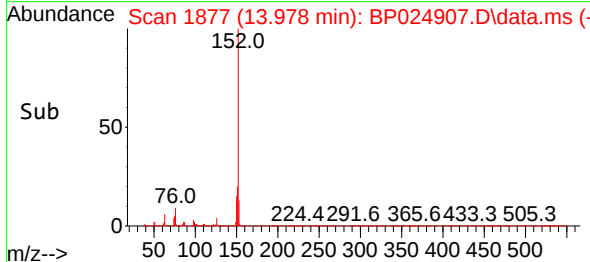
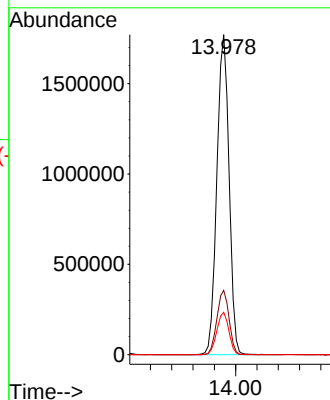
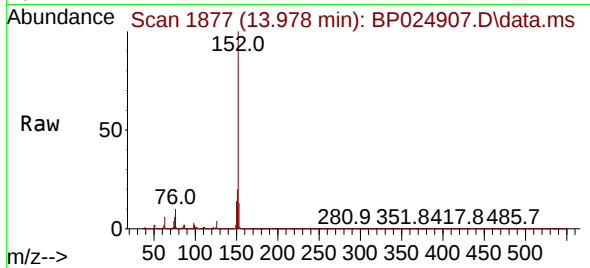




#49  
Acenaphthylene  
Concen: 42.758 ng  
RT: 13.978 min Scan# 1877  
Delta R.T. 0.012 min  
Lab File: BP024907.D  
Acq: 11 Jun 2025 11:31

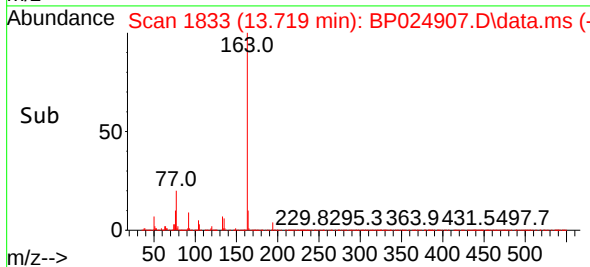
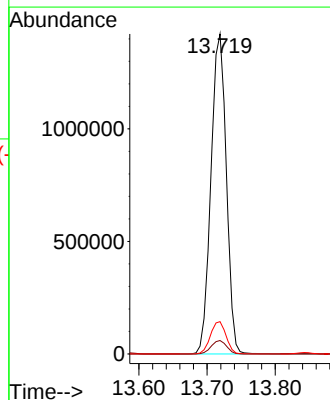
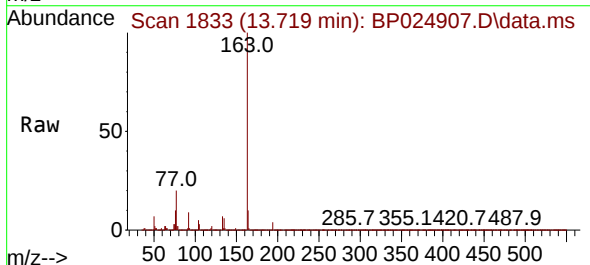
Instrument :  
BNA\_P  
ClientSampleId :  
PB168300BS

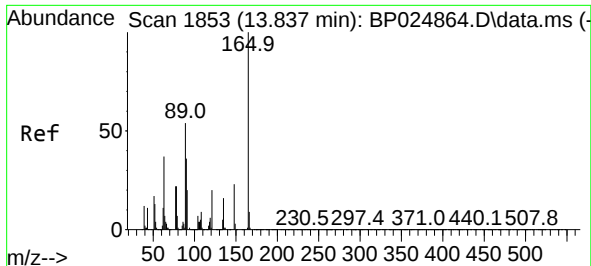
Tgt Ion:152 Resp: 2807623  
Ion Ratio Lower Upper  
152 100  
151 20.1 16.2 24.2  
153 13.3 10.6 15.8



#50  
Dimethylphthalate  
Concen: 42.903 ng  
RT: 13.719 min Scan# 1833  
Delta R.T. 0.006 min  
Lab File: BP024907.D  
Acq: 11 Jun 2025 11:31

Tgt Ion:163 Resp: 2231425  
Ion Ratio Lower Upper  
163 100  
194 4.2 3.4 5.0  
164 10.1 8.0 12.0

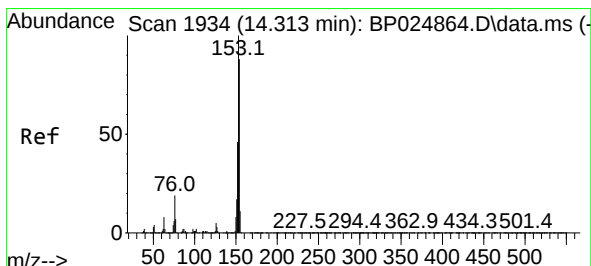
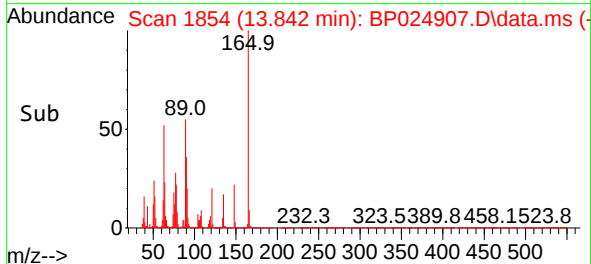
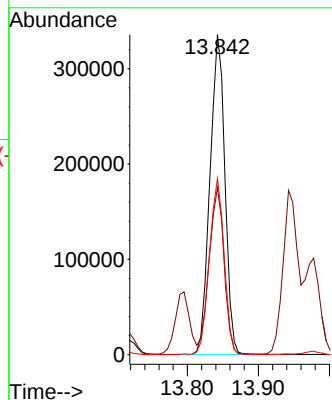
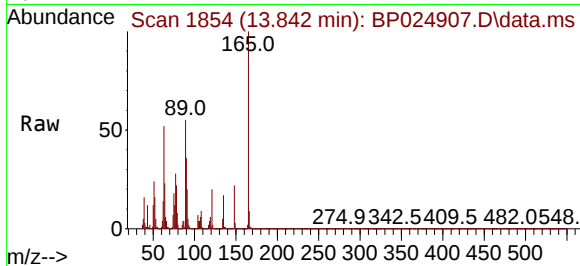




#51  
2,6-Dinitrotoluene  
Concen: 43.792 ng  
RT: 13.842 min Scan# 1854  
Delta R.T. 0.006 min  
Lab File: BP024907.D  
Acq: 11 Jun 2025 11:31

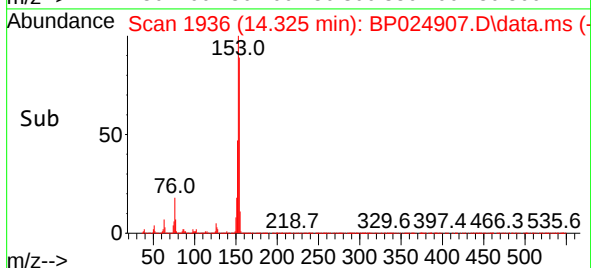
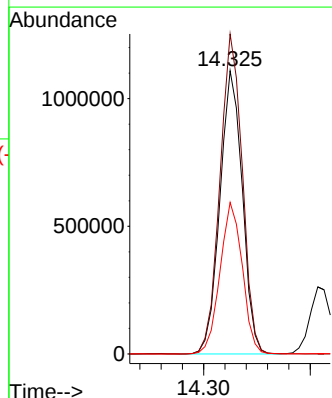
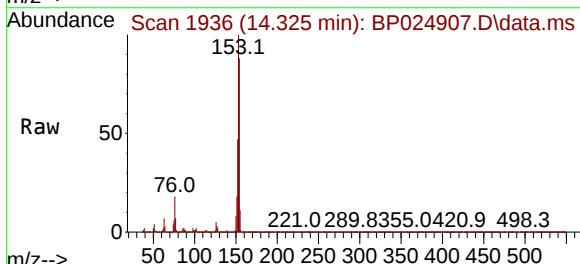
Instrument :  
BNA\_P  
ClientSampleId :  
PB168300BS

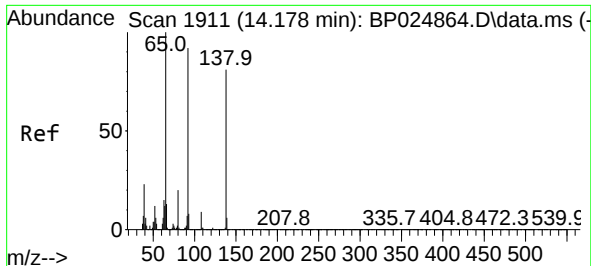
Tgt Ion:165 Resp: 491014  
Ion Ratio Lower Upper  
165 100  
63 52.2 41.8 62.8  
89 55.0 43.1 64.7



#52  
Acenaphthene  
Concen: 43.039 ng  
RT: 14.325 min Scan# 1936  
Delta R.T. 0.012 min  
Lab File: BP024907.D  
Acq: 11 Jun 2025 11:31

Tgt Ion:154 Resp: 1619409  
Ion Ratio Lower Upper  
154 100  
153 113.0 90.5 135.7  
152 53.5 42.1 63.1

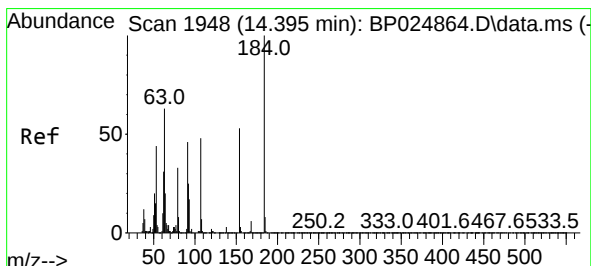
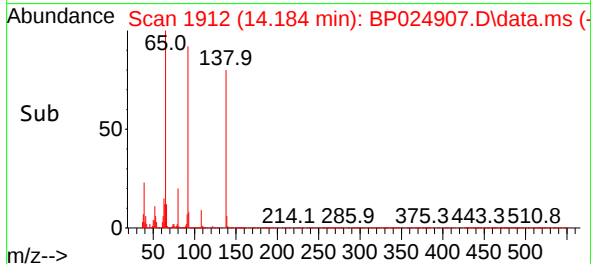
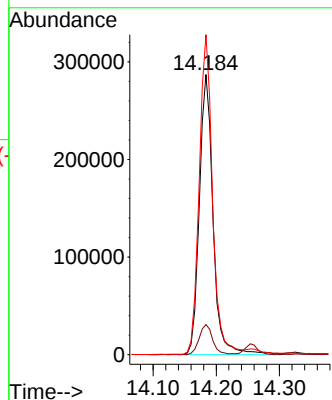
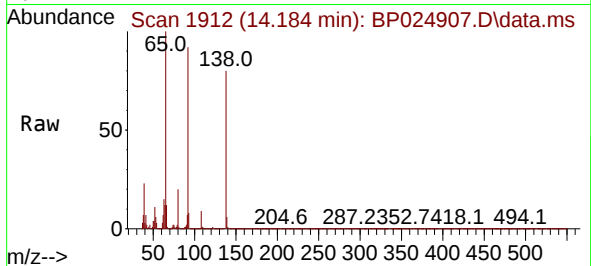




#53  
3-Nitroaniline  
Concen: 37.198 ng  
RT: 14.184 min Scan# 1911  
Delta R.T. 0.006 min  
Lab File: BP024907.D  
Acq: 11 Jun 2025 11:31

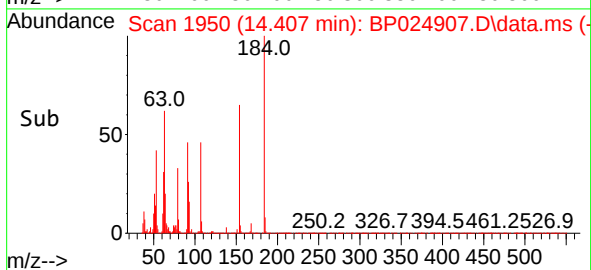
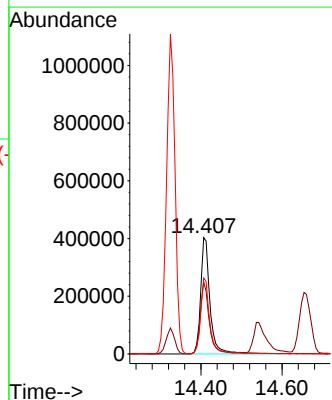
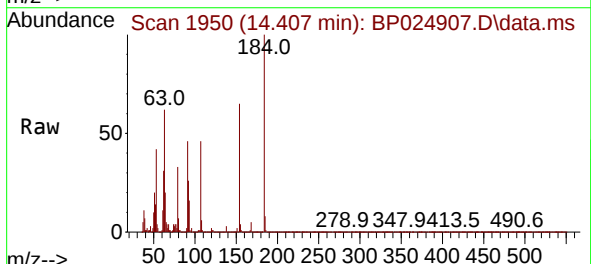
Instrument :  
BNA\_P  
ClientSampleId :  
PB168300BS

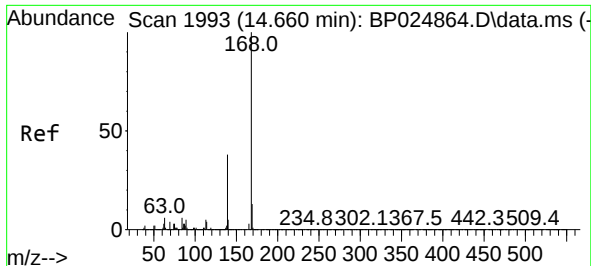
Tgt Ion:138 Resp: 432828  
Ion Ratio Lower Upper  
138 100  
108 10.8 8.6 12.8  
92 114.2 91.3 136.9



#54  
2,4-Dinitrophenol  
Concen: 88.505 ng  
RT: 14.407 min Scan# 1950  
Delta R.T. 0.012 min  
Lab File: BP024907.D  
Acq: 11 Jun 2025 11:31

Tgt Ion:184 Resp: 650826  
Ion Ratio Lower Upper  
184 100  
63 61.8 51.0 76.4  
154 65.2 51.7 77.5

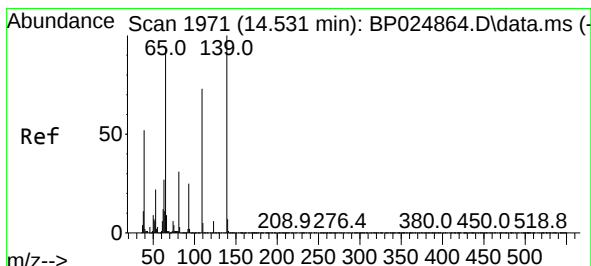
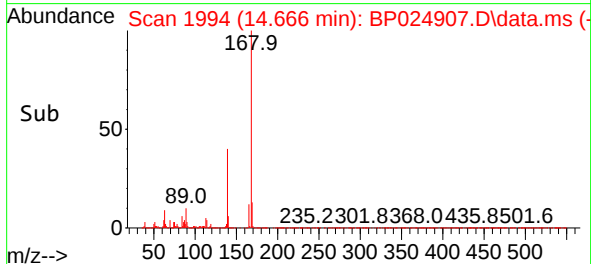
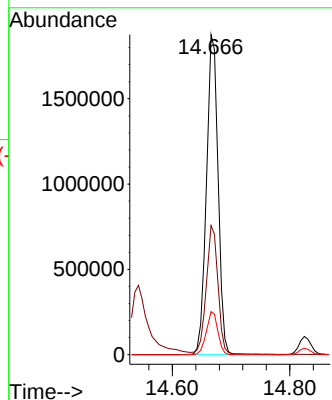
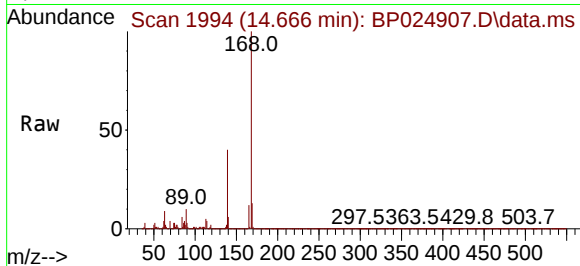




#55  
Dibenzofuran  
Concen: 42.468 ng  
RT: 14.666 min Scan# 1994  
Delta R.T. 0.006 min  
Lab File: BP024907.D  
Acq: 11 Jun 2025 11:31

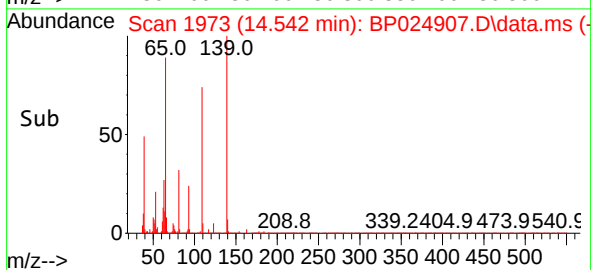
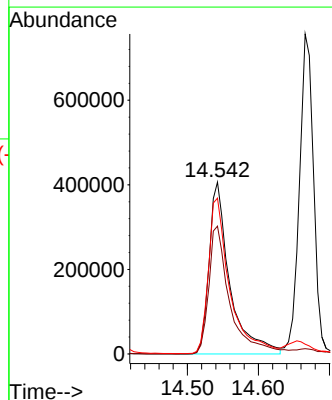
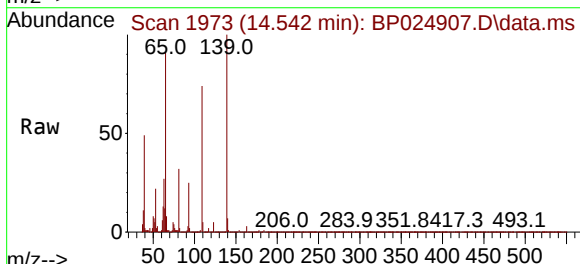
Instrument :  
BNA\_P  
ClientSampleId :  
PB168300BS

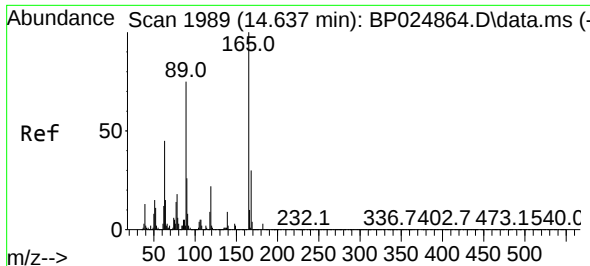
Tgt Ion:168 Resp: 2564969  
Ion Ratio Lower Upper  
168 100  
139 40.4 31.6 47.4  
169 13.4 10.6 15.8



#56  
4-Nitrophenol  
Concen: 83.238 ng  
RT: 14.542 min Scan# 1973  
Delta R.T. 0.011 min  
Lab File: BP024907.D  
Acq: 11 Jun 2025 11:31

Tgt Ion:139 Resp: 822273  
Ion Ratio Lower Upper  
139 100  
109 74.4 53.1 93.1  
65 90.6 73.0 113.0

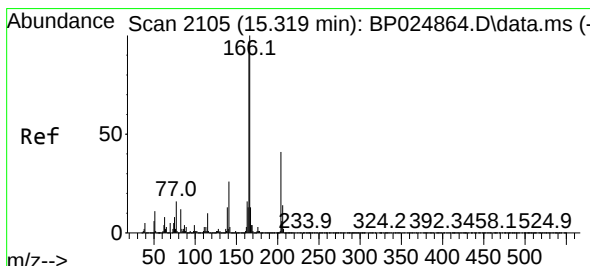
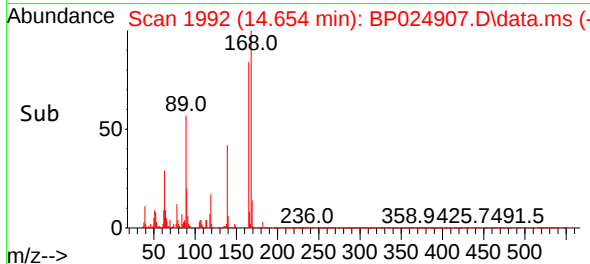
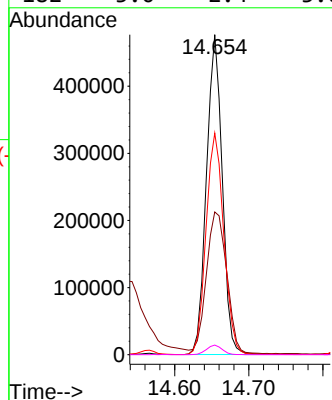
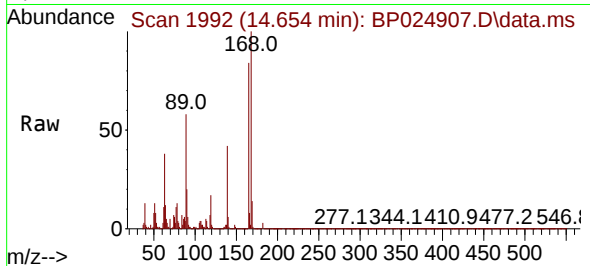




#57  
2,4-Dinitrotoluene  
Concen: 45.106 ng  
RT: 14.654 min Scan# 1989  
Delta R.T. 0.017 min  
Lab File: BP024907.D  
Acq: 11 Jun 2025 11:31

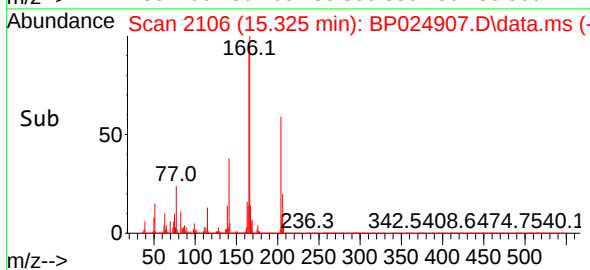
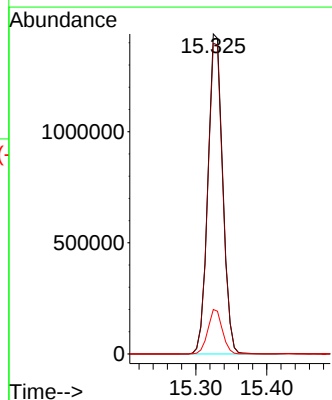
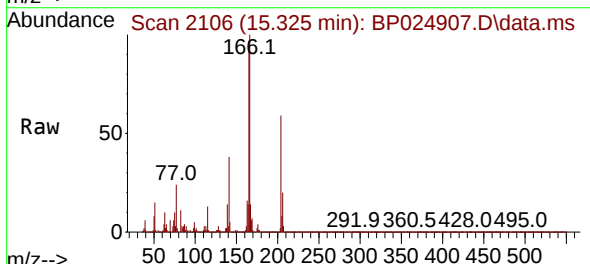
Instrument :  
BNA\_P  
ClientSampleId :  
PB168300BS

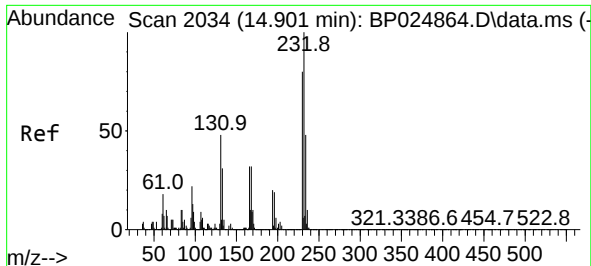
Tgt Ion:165 Resp: 707461  
Ion Ratio Lower Upper  
165 100  
63 44.6 37.0 55.6  
89 69.3 60.1 90.1  
182 3.0 2.4 3.6



#58  
Fluorene  
Concen: 42.756 ng  
RT: 15.325 min Scan# 2106  
Delta R.T. 0.006 min  
Lab File: BP024907.D  
Acq: 11 Jun 2025 11:31

Tgt Ion:166 Resp: 2086108  
Ion Ratio Lower Upper  
166 100  
165 97.1 77.7 116.5  
167 13.9 10.6 16.0

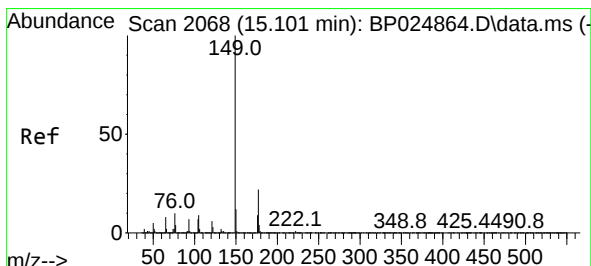
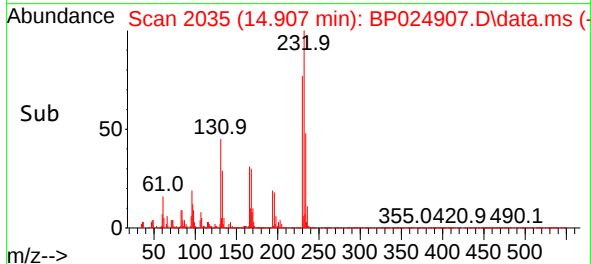
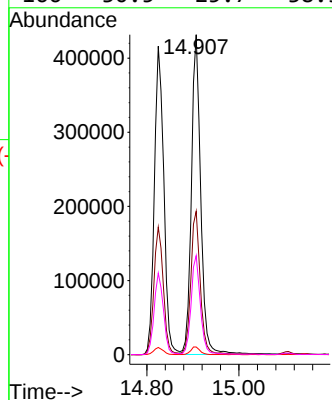
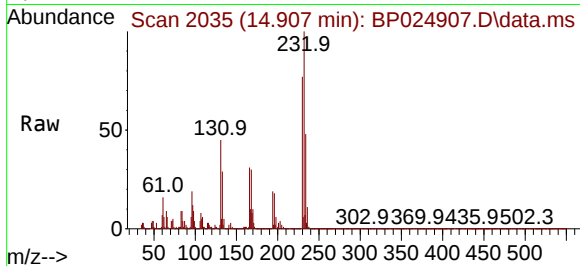




#59  
2,3,4,6-Tetrachlorophenol  
Concen: 47.053 ng  
RT: 14.907 min Scan# 2035  
Delta R.T. 0.006 min  
Lab File: BP024907.D  
Acq: 11 Jun 2025 11:31

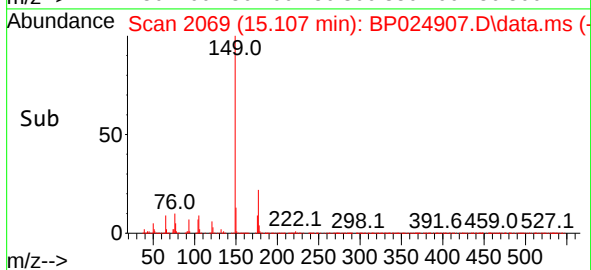
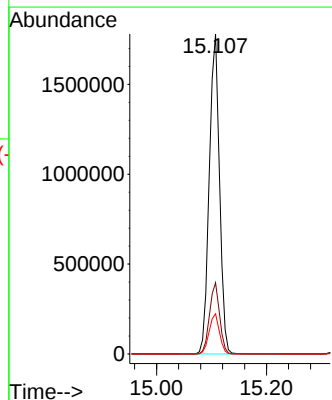
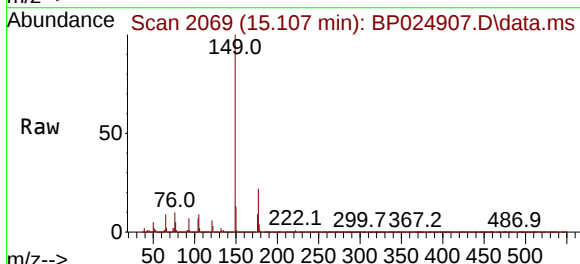
Instrument :  
BNA\_P  
ClientSampleId :  
PB168300BS

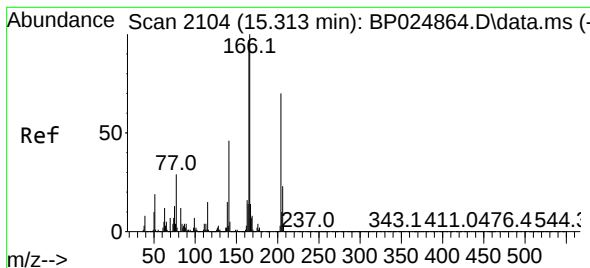
Tgt Ion:232 Resp: 604922  
Ion Ratio Lower Upper  
232 100  
131 44.8 38.2 57.2  
130 2.5 2.1 3.1  
166 30.5 25.7 38.5



#60  
Diethylphthalate  
Concen: 44.287 ng  
RT: 15.107 min Scan# 2069  
Delta R.T. 0.006 min  
Lab File: BP024907.D  
Acq: 11 Jun 2025 11:31

Tgt Ion:149 Resp: 2295631  
Ion Ratio Lower Upper  
149 100  
177 22.2 17.9 26.9  
150 12.5 9.8 14.6

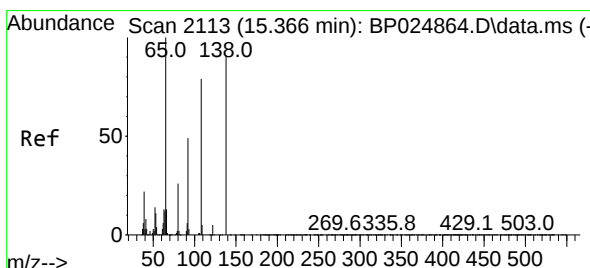
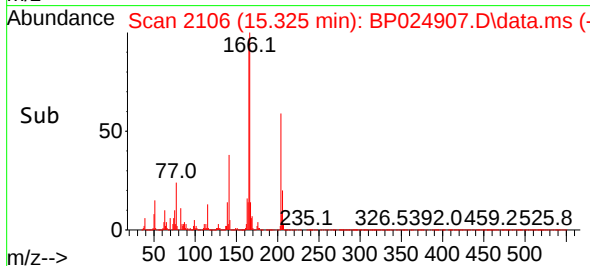
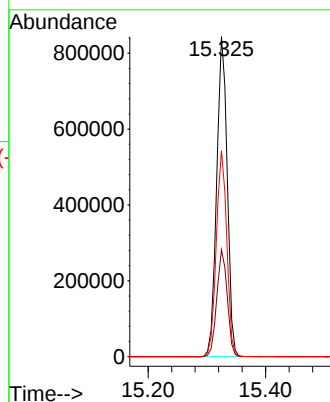
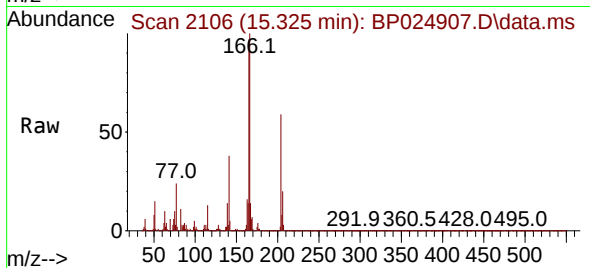




#61  
4-Chlorophenyl-phenylether  
Concen: 44.061 ng  
RT: 15.325 min Scan# 2106  
Delta R.T. 0.012 min  
Lab File: BP024907.D  
Acq: 11 Jun 2025 11:31

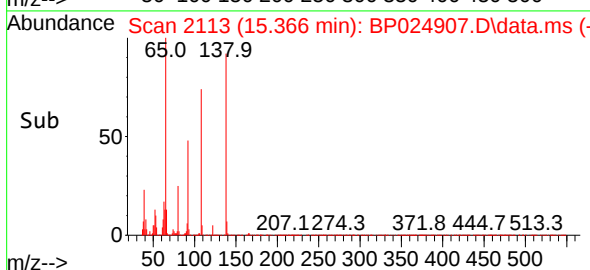
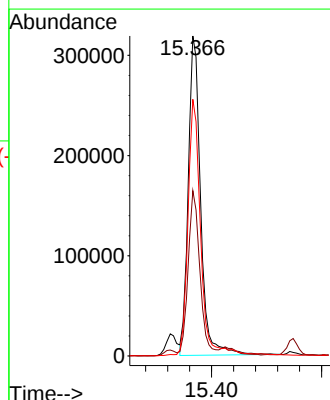
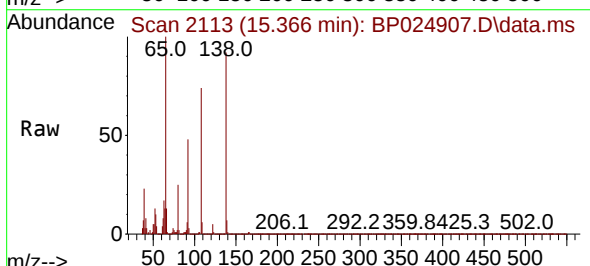
Instrument :  
BNA\_P  
ClientSampleId :  
PB168300BS

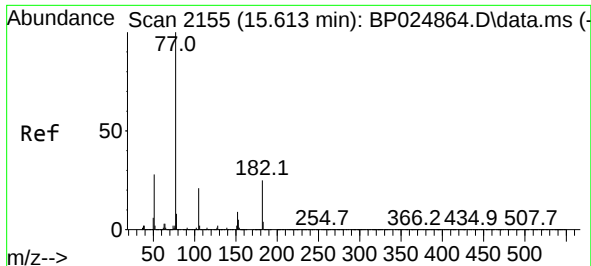
Tgt Ion:204 Resp: 1051126  
Ion Ratio Lower Upper  
204 100  
206 33.4 26.6 40.0  
141 64.4 52.4 78.6



#62  
4-Nitroaniline  
Concen: 46.930 ng  
RT: 15.366 min Scan# 2113  
Delta R.T. -0.000 min  
Lab File: BP024907.D  
Acq: 11 Jun 2025 11:31

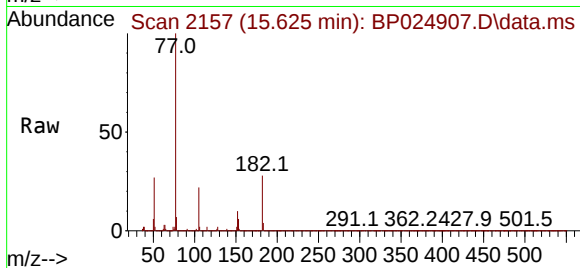
Tgt Ion:138 Resp: 495136  
Ion Ratio Lower Upper  
138 100  
92 51.7 33.5 73.5  
108 80.2 65.1 105.1



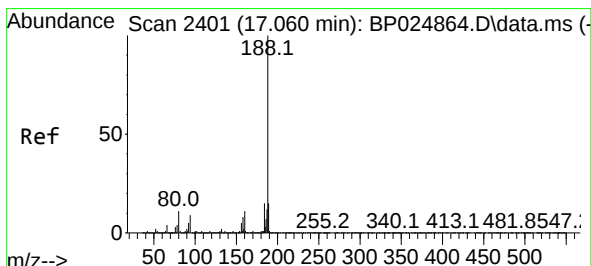
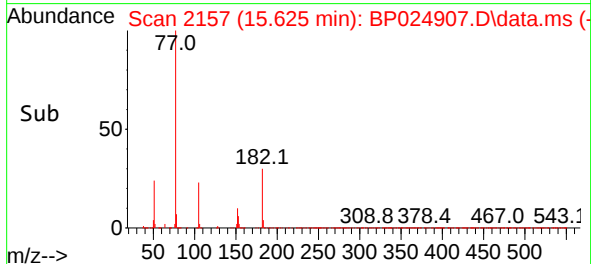
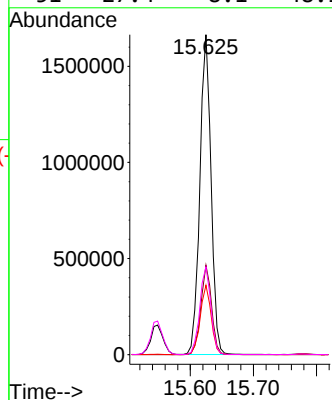


#63  
Azobenzene  
Concen: 42.953 ng  
RT: 15.625 min Scan# 2155  
Delta R.T. 0.012 min  
Lab File: BP024907.D  
Acq: 11 Jun 2025 11:31

Instrument :  
BNA\_P  
ClientSampleId :  
PB168300BS

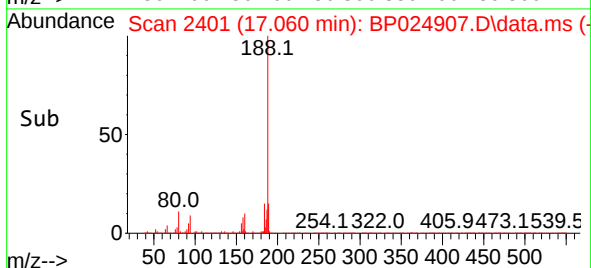
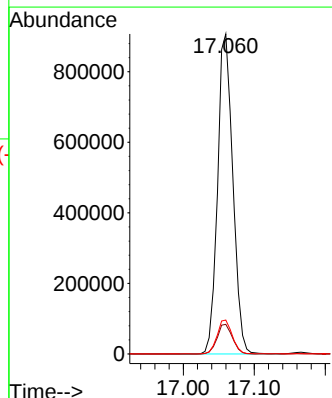
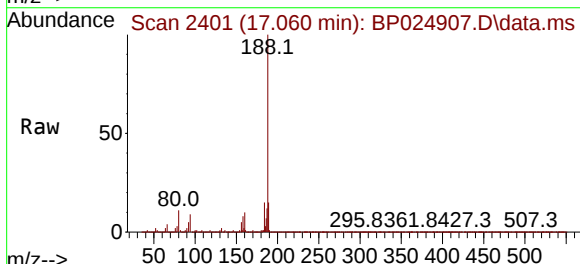


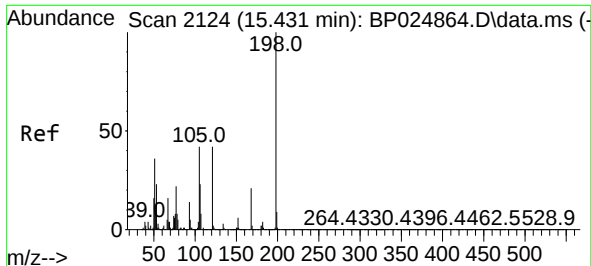
Tgt Ion: 77 Resp: 2041999  
Ion Ratio Lower Upper  
77 100  
182 28.0 5.4 45.4  
105 21.7 0.8 40.8  
51 27.4 8.1 48.1



#64  
Phenanthrene-d10  
Concen: 20.000 ng  
RT: 17.060 min Scan# 2401  
Delta R.T. -0.000 min  
Lab File: BP024907.D  
Acq: 11 Jun 2025 11:31

Tgt Ion:188 Resp: 1346679  
Ion Ratio Lower Upper  
188 100  
94 9.3 7.3 10.9  
80 10.6 8.5 12.7

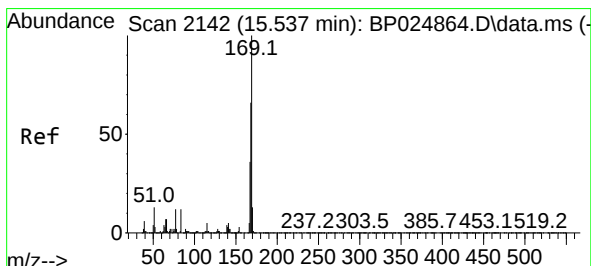
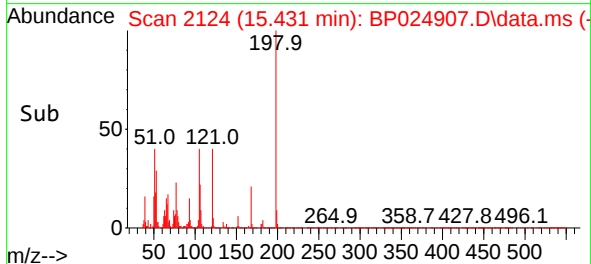
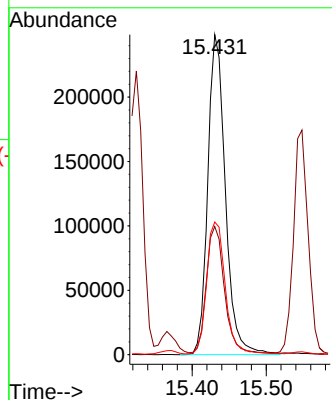
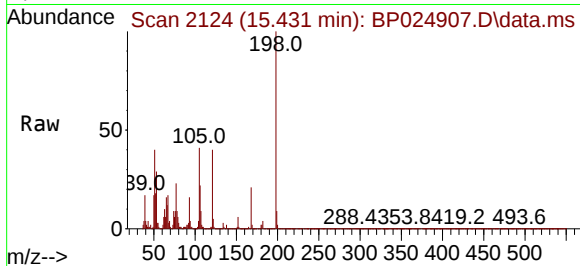




#65  
4,6-Dinitro-2-methylphenol  
Concen: 46.315 ng  
RT: 15.431 min Scan# 2124  
Delta R.T. -0.000 min  
Lab File: BP024907.D  
Acq: 11 Jun 2025 11:31

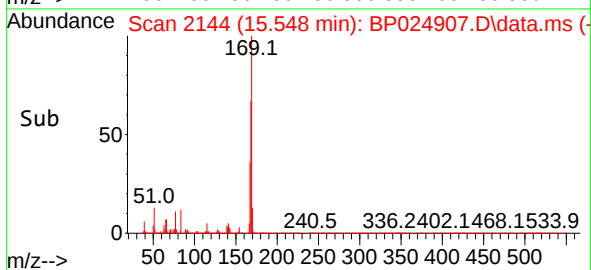
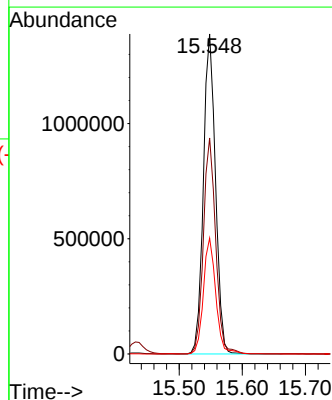
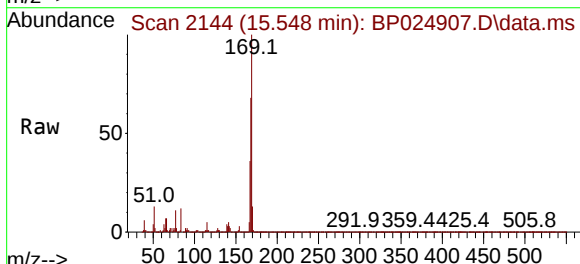
Instrument :  
BNA\_P  
ClientSampleId :  
PB168300BS

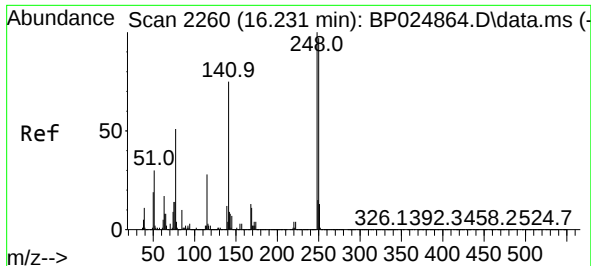
Tgt Ion:198 Resp: 409834  
Ion Ratio Lower Upper  
198 100  
51 40.0 19.2 59.2  
105 41.5 22.6 62.6



#66  
n-Nitrosodiphenylamine  
Concen: 44.298 ng  
RT: 15.548 min Scan# 2144  
Delta R.T. 0.012 min  
Lab File: BP024907.D  
Acq: 11 Jun 2025 11:31

Tgt Ion:169 Resp: 1849021  
Ion Ratio Lower Upper  
169 100  
168 67.5 53.0 79.6  
167 36.2 28.6 43.0

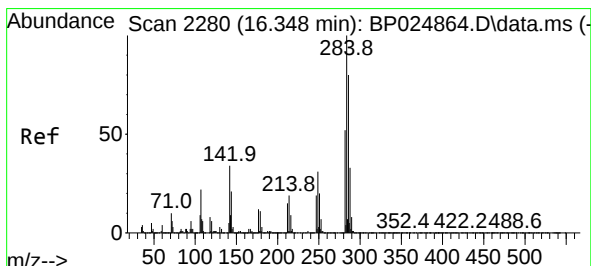
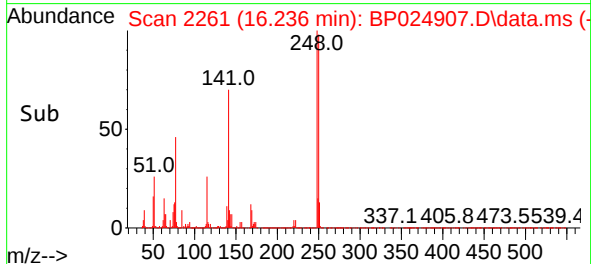
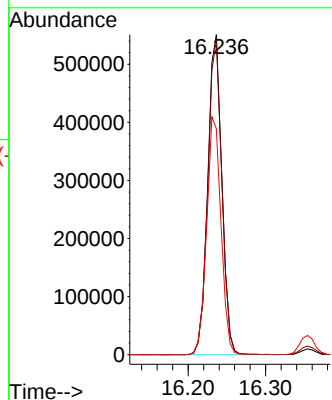
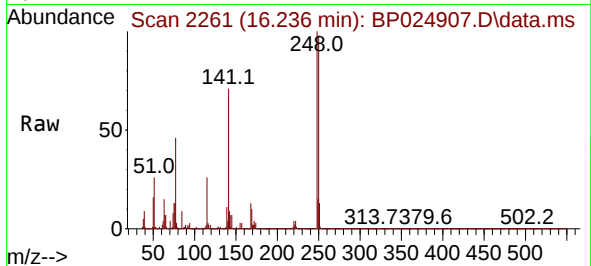




#67  
4-Bromophenyl-phenylether  
Concen: 45.828 ng  
RT: 16.236 min Scan# 21  
Delta R.T. 0.006 min  
Lab File: BP024907.D  
Acq: 11 Jun 2025 11:31

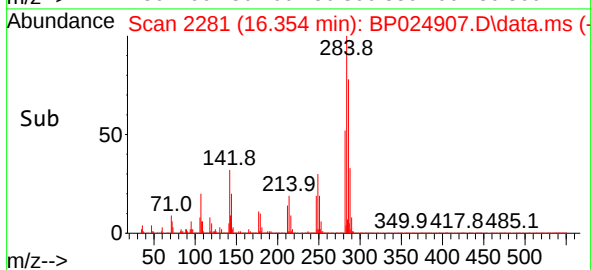
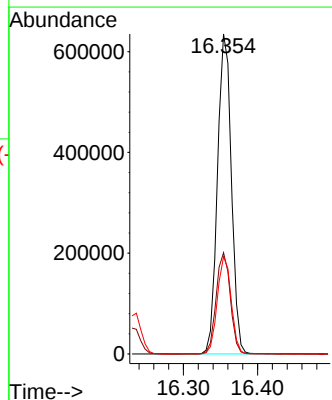
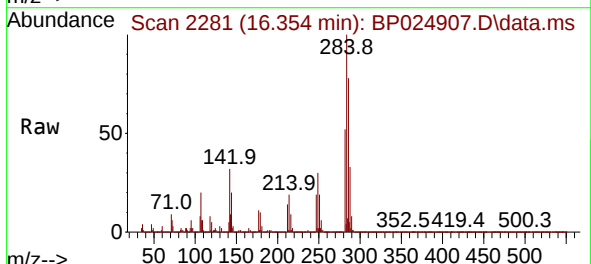
Instrument :  
BNA\_P  
ClientSampleId :  
PB168300BS

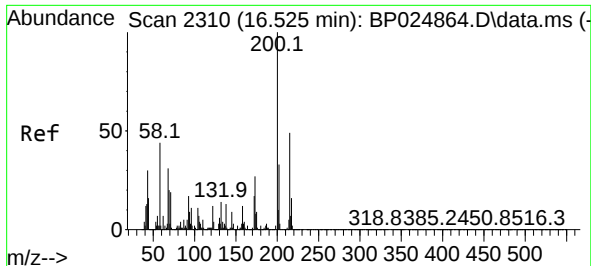
Tgt Ion:248 Resp: 696351  
Ion Ratio Lower Upper  
248 100  
250 98.4 77.4 116.2  
141 70.6 59.9 89.9



#68  
Hexachlorobenzene  
Concen: 44.853 ng  
RT: 16.354 min Scan# 2281  
Delta R.T. 0.006 min  
Lab File: BP024907.D  
Acq: 11 Jun 2025 11:31

Tgt Ion:284 Resp: 826223  
Ion Ratio Lower Upper  
284 100  
142 31.6 27.0 40.6  
249 30.4 25.0 37.6

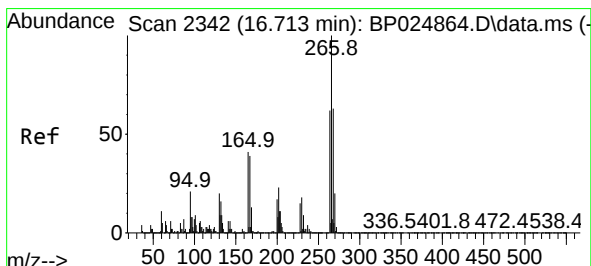
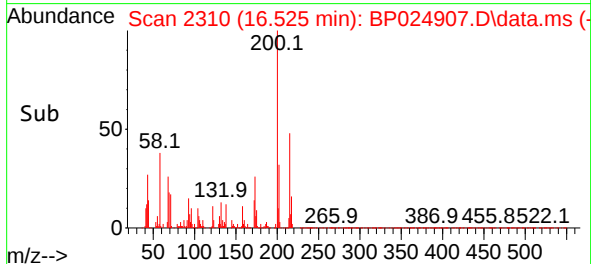
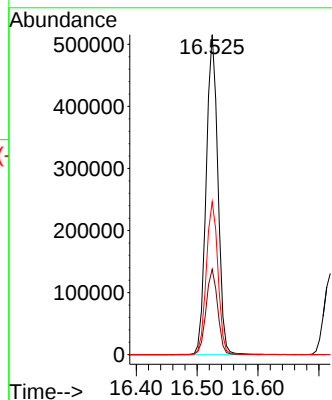
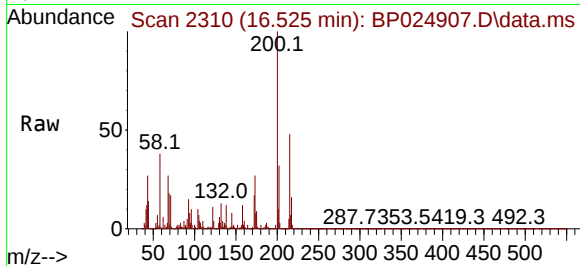




#69  
Atrazine  
Concen: 45.518 ng  
RT: 16.525 min Scan# 21  
Delta R.T. -0.000 min  
Lab File: BP024907.D  
Acq: 11 Jun 2025 11:31

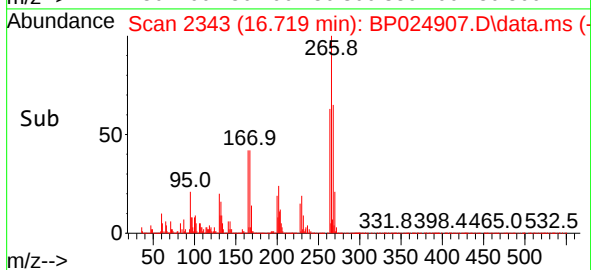
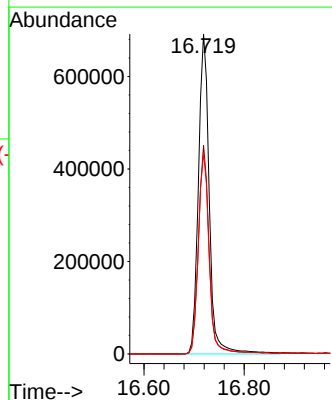
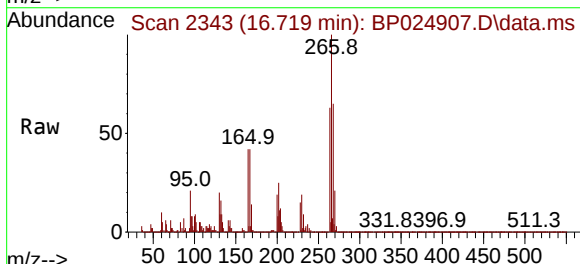
Instrument :  
BNA\_P  
ClientSampleId :  
PB168300BS

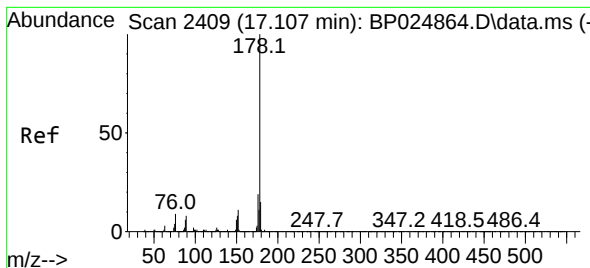
Tgt Ion:200 Resp: 688764  
Ion Ratio Lower Upper  
200 100  
173 26.7 6.9 46.9  
215 47.8 28.7 68.7



#70  
Pentachlorophenol  
Concen: 108.710 ng  
RT: 16.719 min Scan# 2343  
Delta R.T. 0.006 min  
Lab File: BP024907.D  
Acq: 11 Jun 2025 11:31

Tgt Ion:266 Resp: 1036395  
Ion Ratio Lower Upper  
266 100  
268 65.1 50.6 76.0  
264 62.8 49.7 74.5

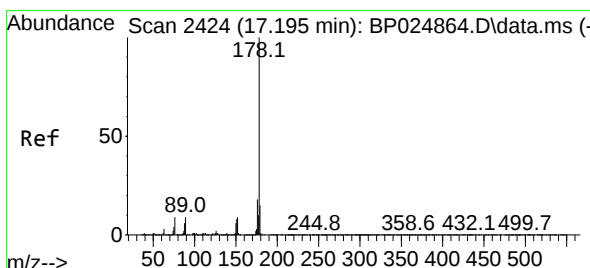
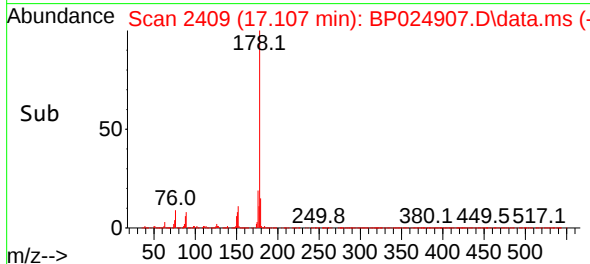
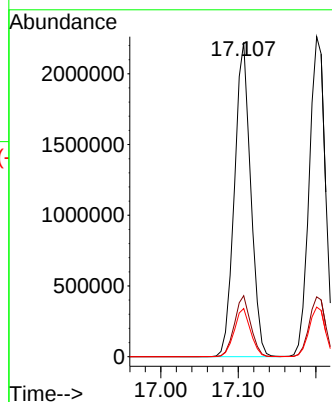
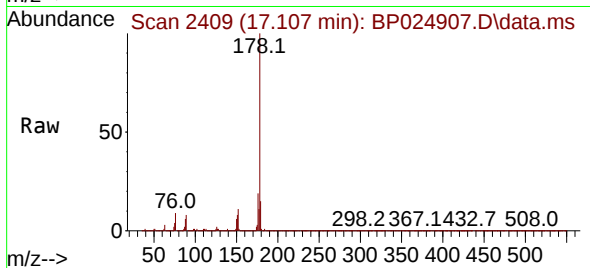




#71  
Phenanthrene  
Concen: 43.598 ng  
RT: 17.107 min Scan# 2409  
Delta R.T. -0.000 min  
Lab File: BP024907.D  
Acq: 11 Jun 2025 11:31

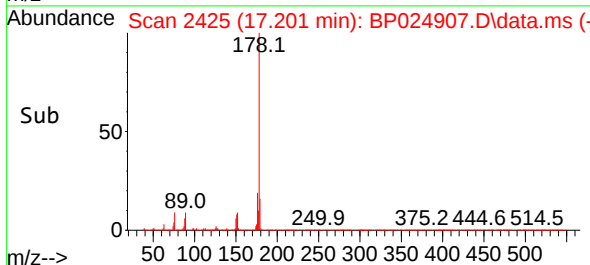
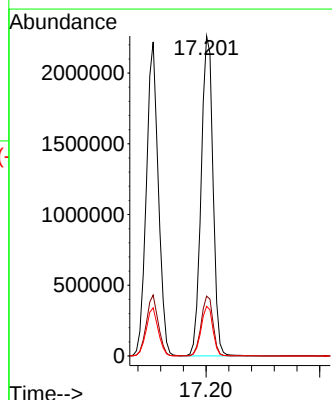
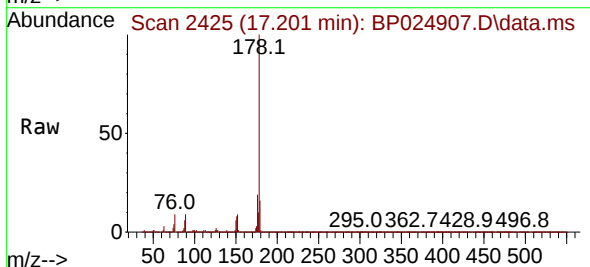
Instrument :  
BNA\_P  
ClientSampleId :  
PB168300BS

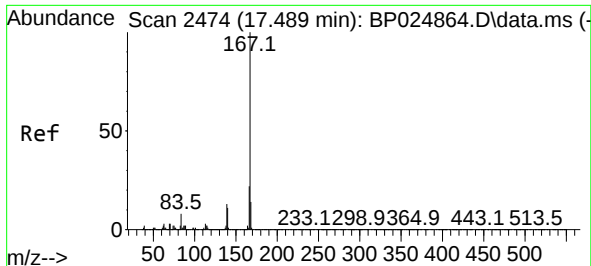
Tgt Ion:178 Resp: 3244535  
Ion Ratio Lower Upper  
178 100  
176 19.4 15.3 22.9  
179 15.3 12.1 18.1



#72  
Anthracene  
Concen: 43.428 ng  
RT: 17.201 min Scan# 2425  
Delta R.T. 0.006 min  
Lab File: BP024907.D  
Acq: 11 Jun 2025 11:31

Tgt Ion:178 Resp: 3273182  
Ion Ratio Lower Upper  
178 100  
176 18.7 14.7 22.1  
179 15.5 12.3 18.5



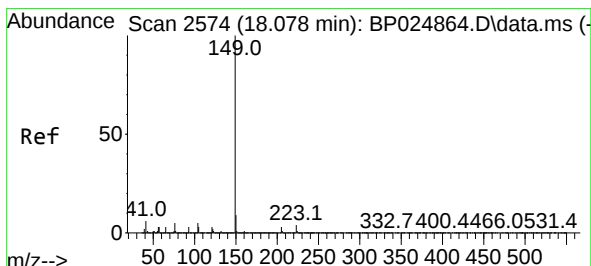
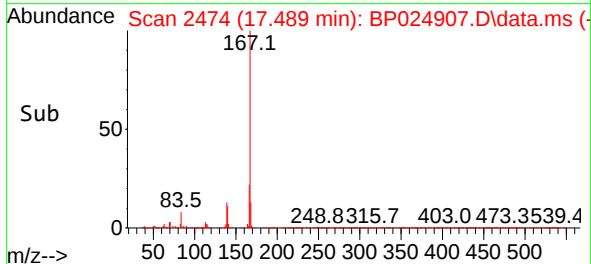
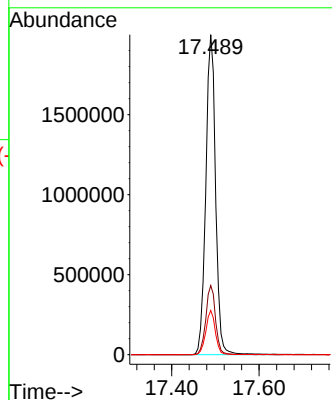
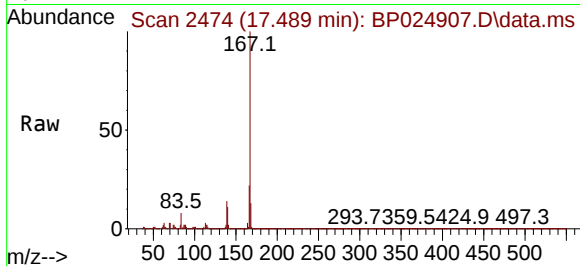


#73  
 Carbazole  
 Concen: 44.581 ng  
 RT: 17.489 min Scan# 2474  
 Delta R.T. -0.000 min  
 Lab File: BP024907.D  
 Acq: 11 Jun 2025 11:31

Instrument :  
 BNA\_P  
 ClientSampleId :  
 PB168300BS

Tgt Ion:167 Resp: 3114427  

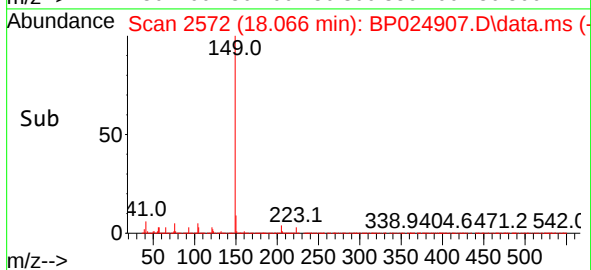
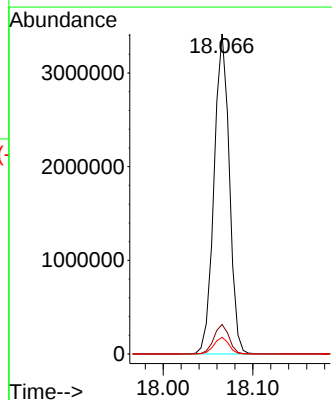
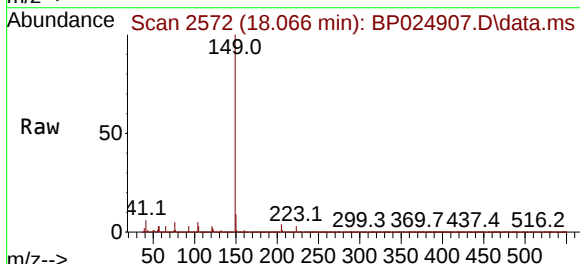
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 167 | 100   |       |       |
| 166 | 21.6  | 17.3  | 25.9  |
| 139 | 13.8  | 10.8  | 16.2  |

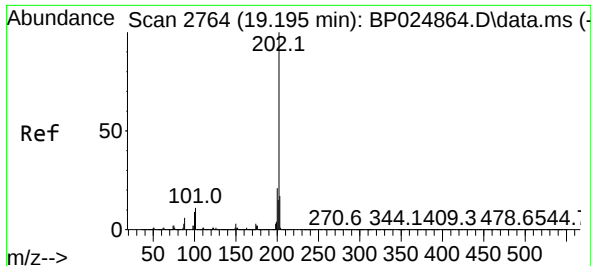


#74  
 Di-n-butylphthalate  
 Concen: 46.696 ng  
 RT: 18.066 min Scan# 2572  
 Delta R.T. -0.012 min  
 Lab File: BP024907.D  
 Acq: 11 Jun 2025 11:31

Tgt Ion:149 Resp: 4041854  

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 149 | 100   |       |       |
| 150 | 9.2   | 7.4   | 11.2  |
| 104 | 5.2   | 4.2   | 6.2   |

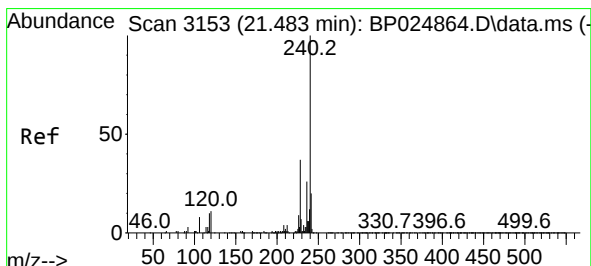
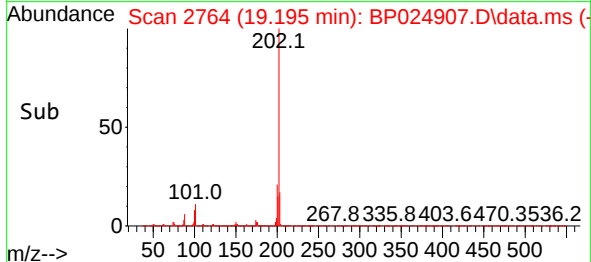
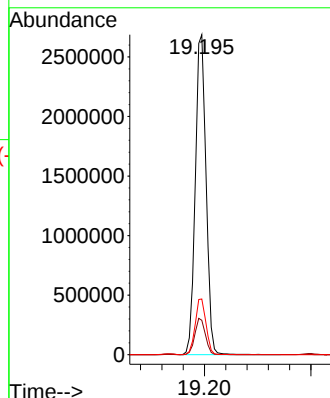
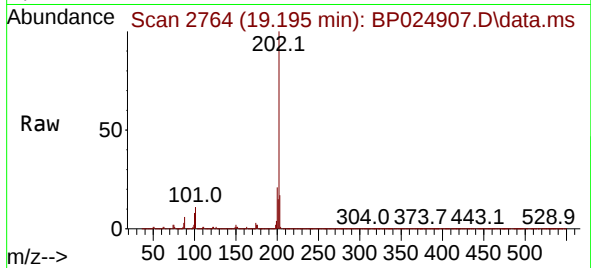




#75  
Fluoranthene  
Concen: 43.635 ng  
RT: 19.195 min Scan# 21  
Delta R.T. -0.000 min  
Lab File: BP024907.D  
Acq: 11 Jun 2025 11:31

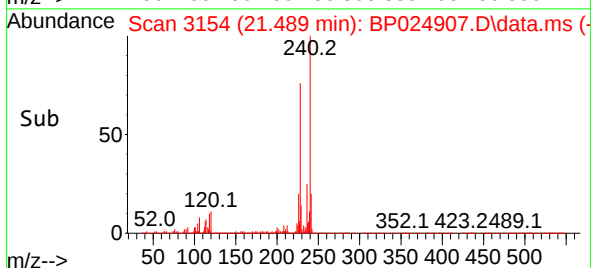
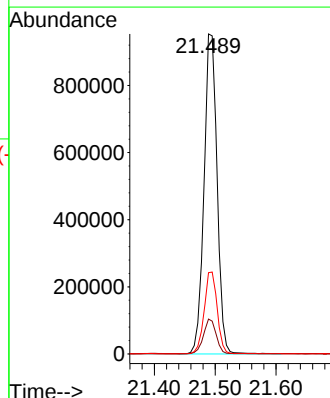
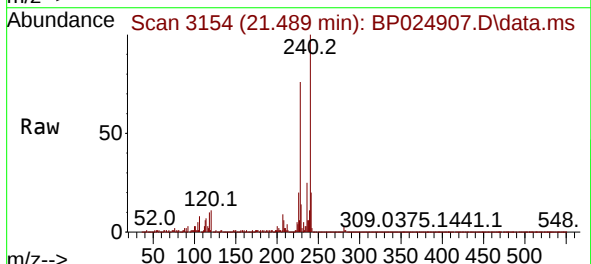
Instrument :  
BNA\_P  
ClientSampleId :  
PB168300BS

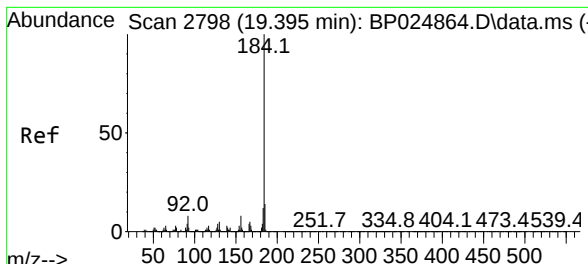
Tgt Ion:202 Resp: 3763744  
Ion Ratio Lower Upper  
202 100  
101 10.7 0.0 31.4  
203 17.4 0.0 37.5



#76  
Chrysene-d12  
Concen: 20.000 ng  
RT: 21.489 min Scan# 3154  
Delta R.T. 0.006 min  
Lab File: BP024907.D  
Acq: 11 Jun 2025 11:31

Tgt Ion:240 Resp: 1423480  
Ion Ratio Lower Upper  
240 100  
120 10.9 8.9 13.3  
236 25.4 20.9 31.3



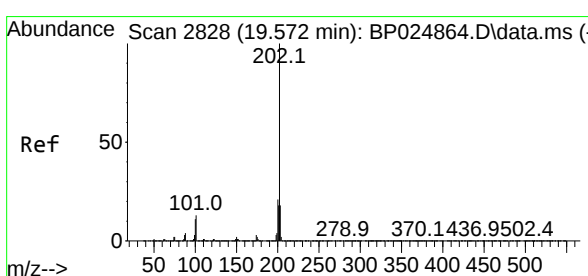
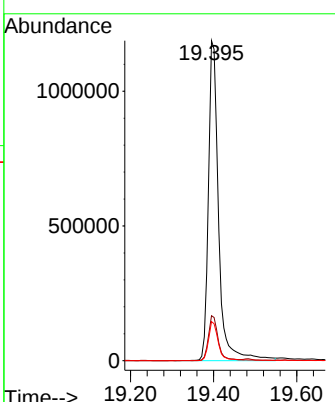
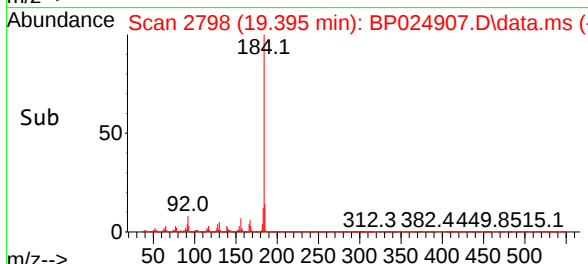
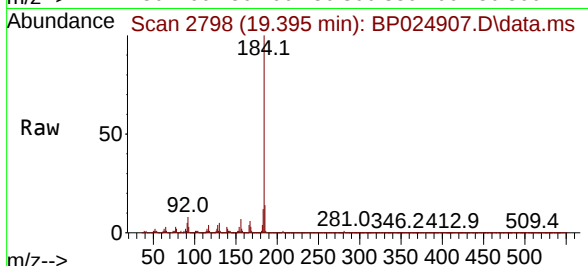


#77  
Benzidine  
Concen: 45.760 ng  
RT: 19.395 min Scan# 21  
Delta R.T. -0.000 min  
Lab File: BP024907.D  
Acq: 11 Jun 2025 11:31

Instrument :  
BNA\_P  
ClientSampleId :  
PB168300BS

Tgt Ion:184 Resp: 2017436

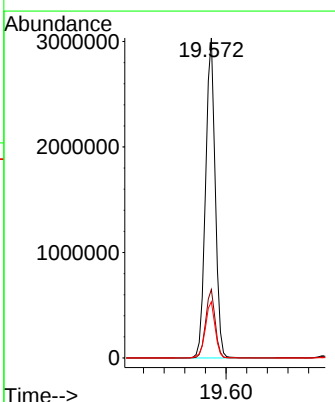
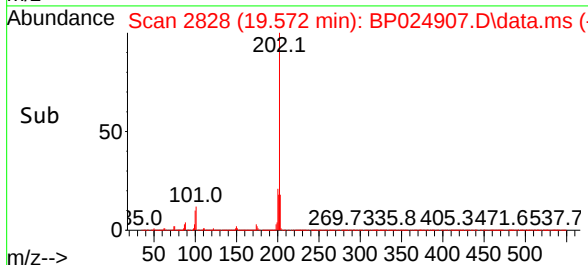
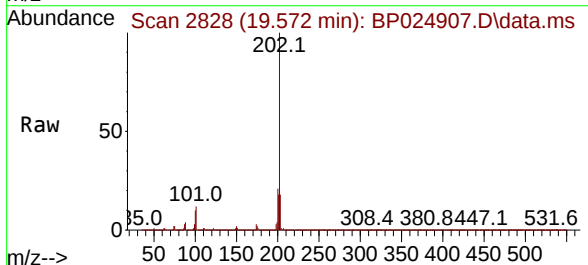
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 184 | 100   |       |       |
| 185 | 14.0  | 11.4  | 17.0  |
| 183 | 12.2  | 9.5   | 14.3  |

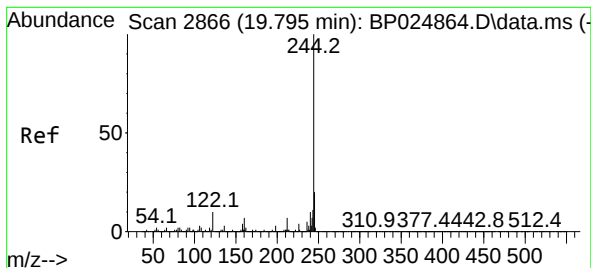


#78  
Pyrene  
Concen: 44.040 ng  
RT: 19.572 min Scan# 2828  
Delta R.T. -0.000 min  
Lab File: BP024907.D  
Acq: 11 Jun 2025 11:31

Tgt Ion:202 Resp: 3916517

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 202 | 100   |       |       |
| 200 | 21.4  | 17.1  | 25.7  |
| 203 | 17.5  | 14.0  | 21.0  |





#79

Terphenyl-d14

Concen: 81.415 ng

RT: 19.789 min Scan# 21

Delta R.T. -0.006 min

Lab File: BP024907.D

Acq: 11 Jun 2025 11:31

Instrument :

BNA\_P

ClientSampleId :

PB168300BS

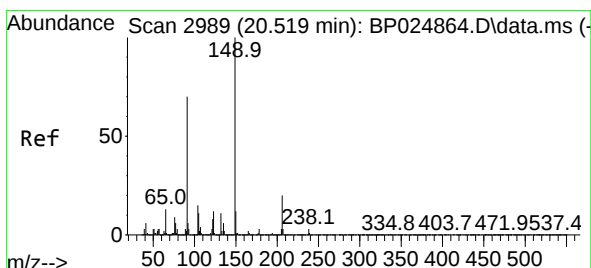
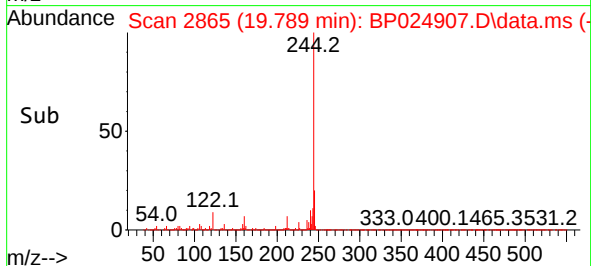
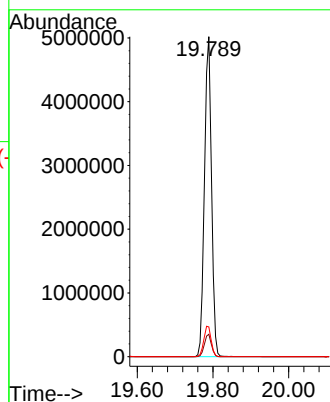
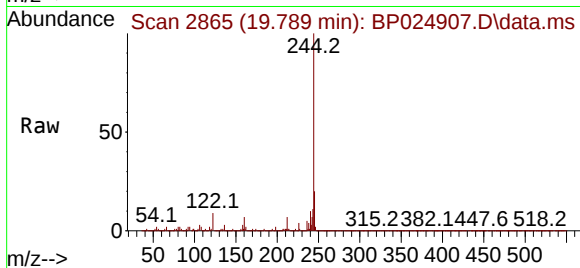
Tgt Ion:244 Resp: 6466301

Ion Ratio Lower Upper

244 100

212 7.0 5.6 8.4

122 9.3 7.7 11.5



#80

Butylbenzylphthalate

Concen: 47.222 ng

RT: 20.524 min Scan# 2990

Delta R.T. 0.006 min

Lab File: BP024907.D

Acq: 11 Jun 2025 11:31

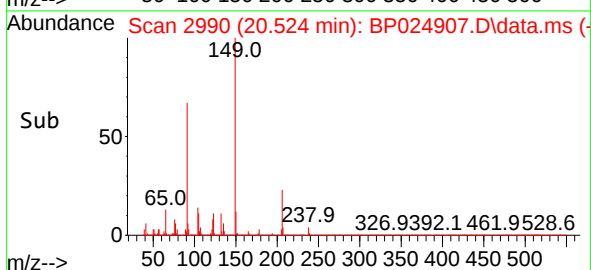
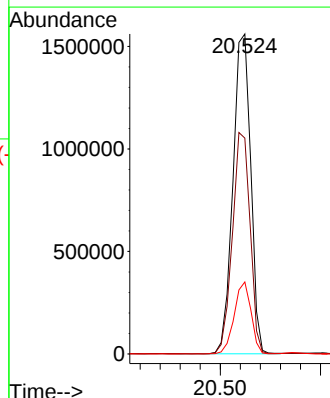
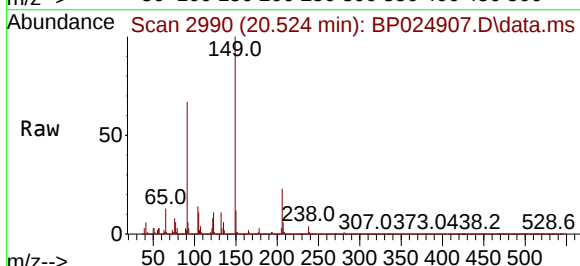
Tgt Ion:149 Resp: 1923581

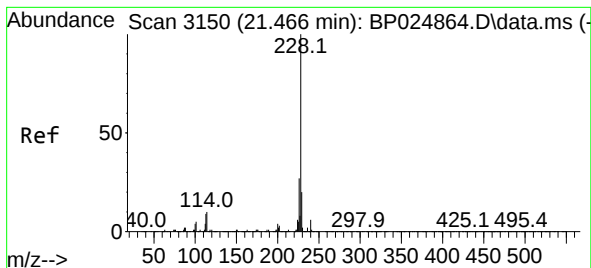
Ion Ratio Lower Upper

149 100

91 67.5 55.8 83.8

206 22.5 16.2 24.2





#81

Benzo(a)anthracene

Concen: 44.478 ng

RT: 21.471 min Scan# 3150

Delta R.T. 0.006 min

Lab File: BP024907.D

Acq: 11 Jun 2025 11:31

Instrument :

BNA\_P

ClientSampleId :

PB168300BS

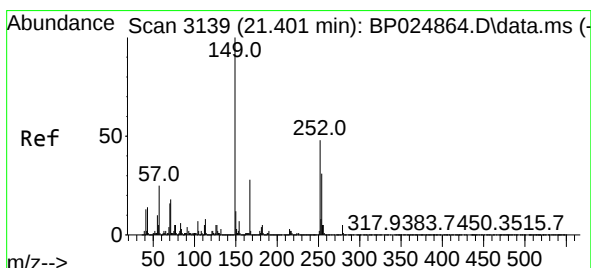
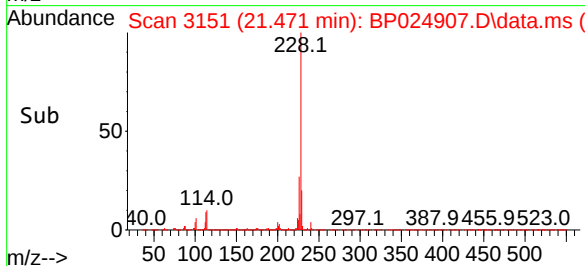
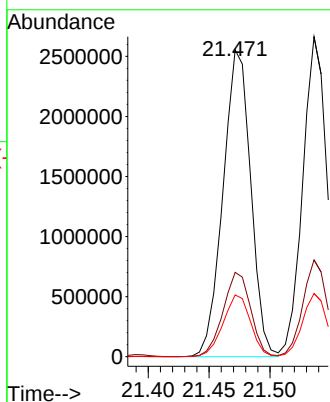
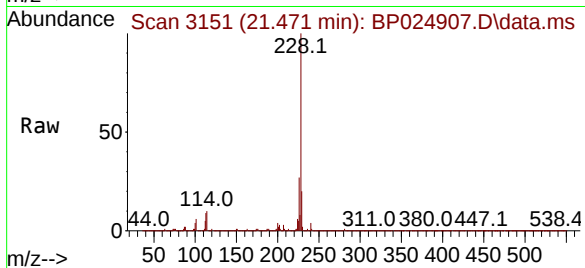
Tgt Ion:228 Resp: 4049426

Ion Ratio Lower Upper

228 100

226 27.5 22.1 33.1

229 20.1 15.9 23.9



#82

3,3'-Dichlorobenzidine

Concen: 36.469 ng

RT: 21.389 min Scan# 3137

Delta R.T. -0.012 min

Lab File: BP024907.D

Acq: 11 Jun 2025 11:31

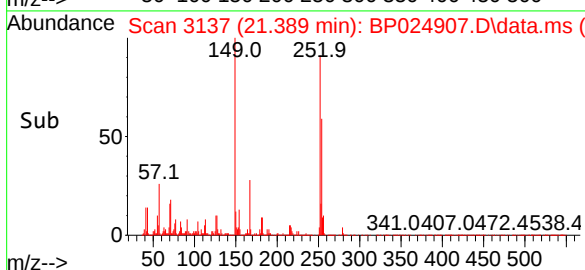
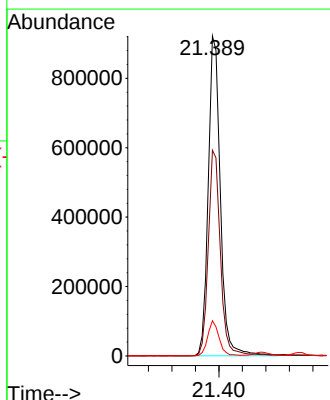
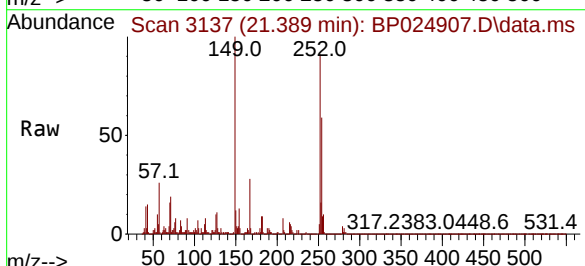
Tgt Ion:252 Resp: 1318154

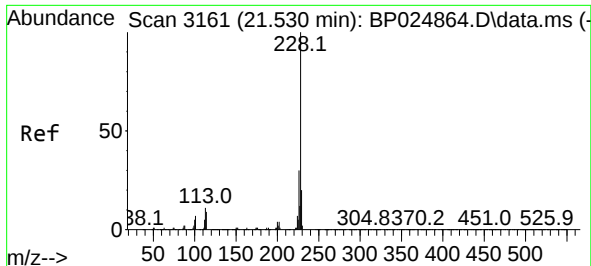
Ion Ratio Lower Upper

252 100

254 64.3 51.2 76.8

126 11.0 8.6 12.8

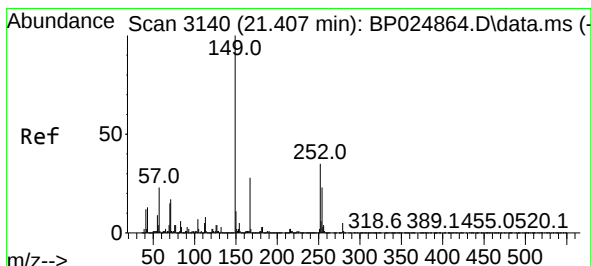
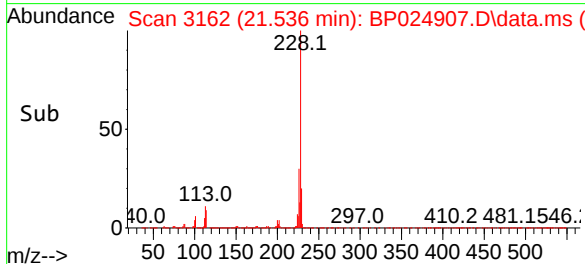
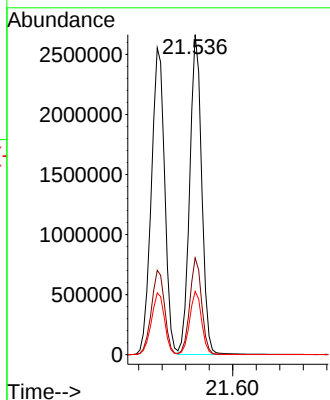
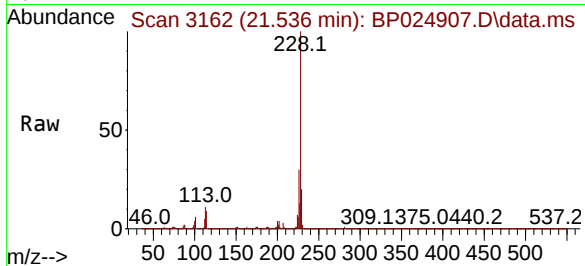




#83  
Chrysene  
Concen: 43.587 ng  
RT: 21.536 min Scan# 3161  
Delta R.T. 0.006 min  
Lab File: BP024907.D  
Acq: 11 Jun 2025 11:31

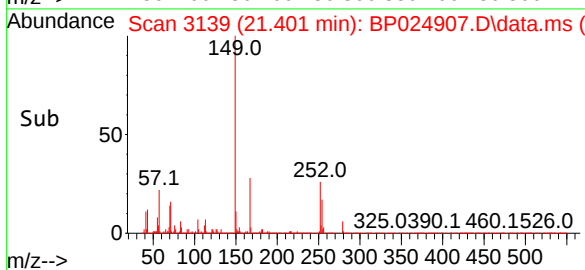
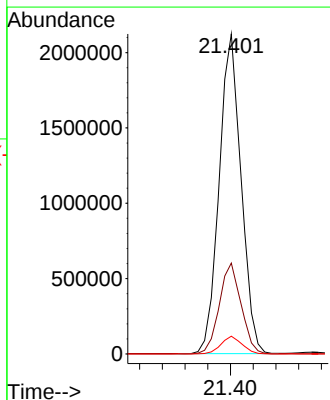
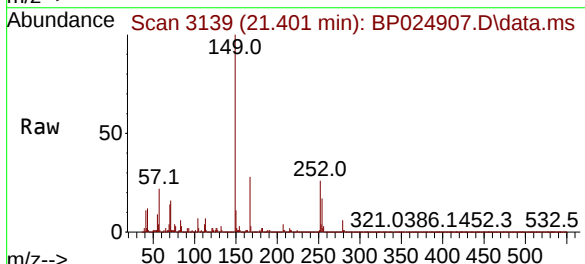
Instrument :  
BNA\_P  
ClientSampleId :  
PB168300BS

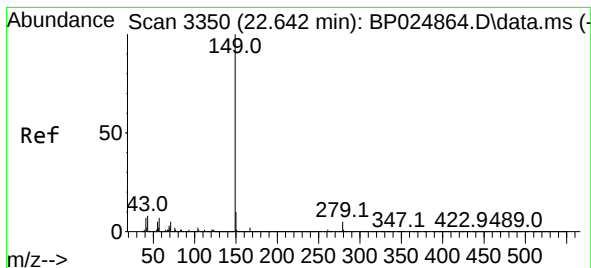
Tgt Ion:228 Resp: 3760081  
Ion Ratio Lower Upper  
228 100  
226 30.3 23.8 35.6  
229 19.7 15.6 23.4



#84  
Bis(2-ethylhexyl)phthalate  
Concen: 48.712 ng  
RT: 21.401 min Scan# 3139  
Delta R.T. -0.006 min  
Lab File: BP024907.D  
Acq: 11 Jun 2025 11:31

Tgt Ion:149 Resp: 2843025  
Ion Ratio Lower Upper  
149 100  
167 28.4 22.2 33.4  
279 5.5 4.0 6.0





#85

Di-n-octyl phthalate

Concen: 48.178 ng

RT: 22.642 min Scan# 31

Delta R.T. -0.000 min

Lab File: BP024907.D

Acq: 11 Jun 2025 11:31

Instrument :

BNA\_P

ClientSampleId :

PB168300BS

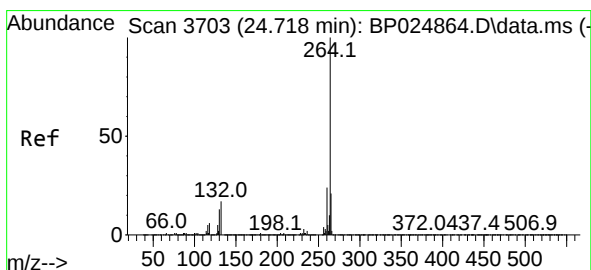
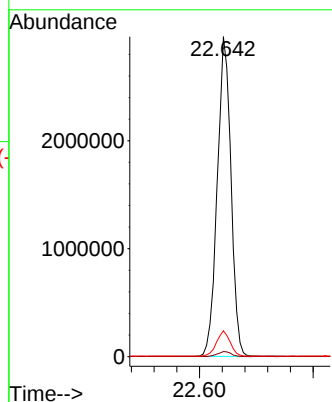
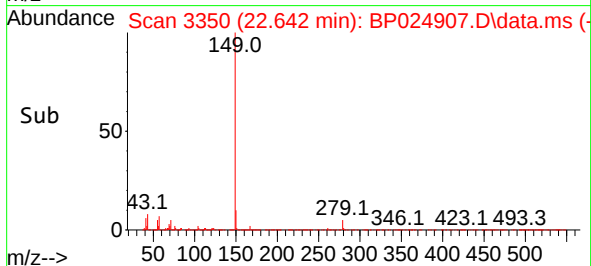
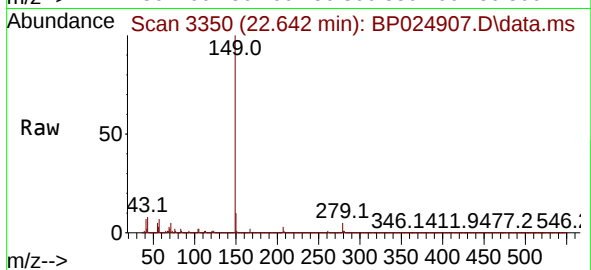
Tgt Ion:149 Resp: 4956194

Ion Ratio Lower Upper

149 100

167 1.6 1.3 1.9

43 7.8 6.6 10.0



#86

Perylene-d12

Concen: 20.000 ng

RT: 24.748 min Scan# 3708

Delta R.T. 0.029 min

Lab File: BP024907.D

Acq: 11 Jun 2025 11:31

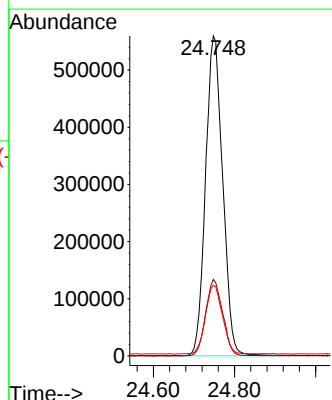
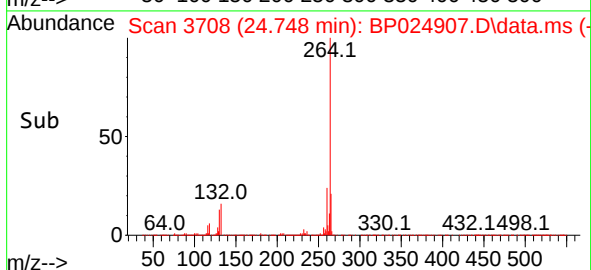
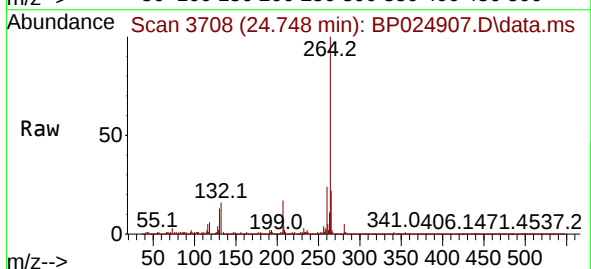
Tgt Ion:264 Resp: 1633276

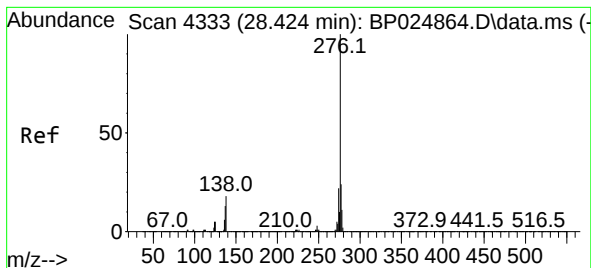
Ion Ratio Lower Upper

264 100

260 23.9 19.0 28.4

265 22.1 17.4 26.0





#87

Indeno(1,2,3-cd)pyrene

Concen: 45.868 ng

RT: 28.465 min Scan# 41

Delta R.T. 0.041 min

Lab File: BP024907.D

Acq: 11 Jun 2025 11:31

Instrument :

BNA\_P

ClientSampleId :

PB168300BS

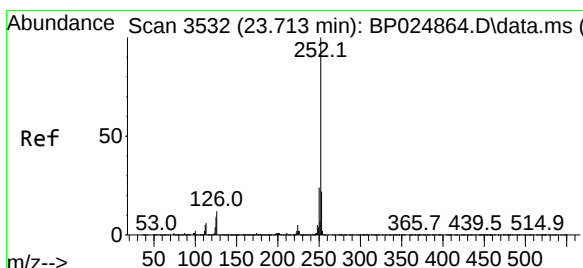
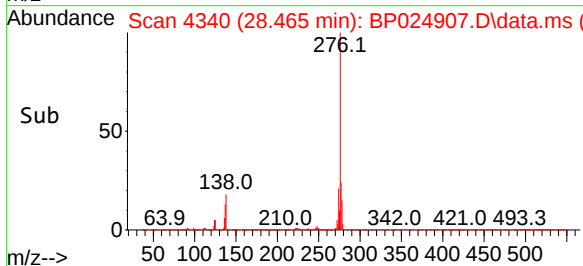
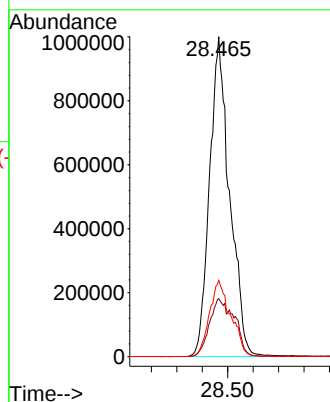
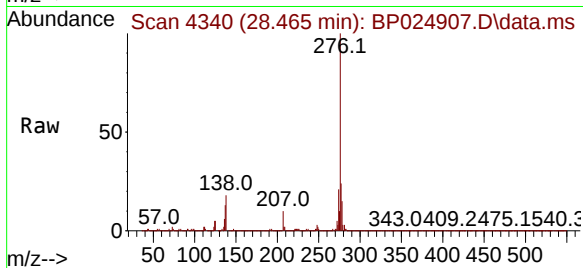
Tgt Ion:276 Resp: 5466015

Ion Ratio Lower Upper

276 100

138 15.1 18.6 27.8#

277 25.3 20.2 30.4



#88

Benzo(b)fluoranthene

Concen: 46.606 ng

RT: 23.730 min Scan# 3535

Delta R.T. 0.018 min

Lab File: BP024907.D

Acq: 11 Jun 2025 11:31

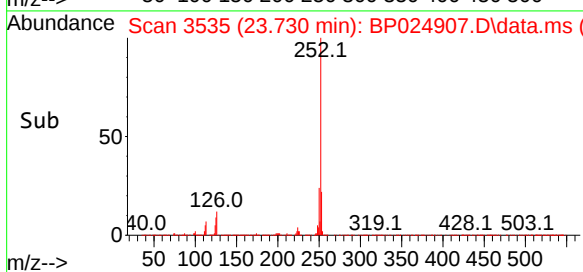
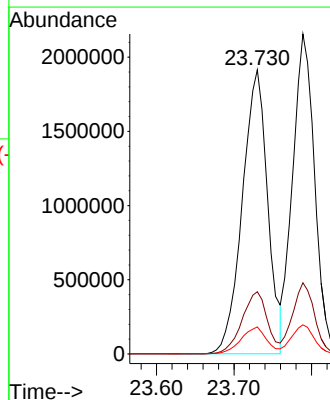
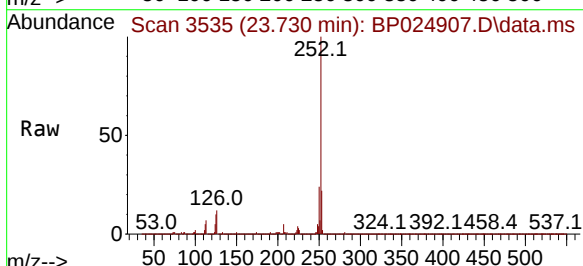
Tgt Ion:252 Resp: 4356357

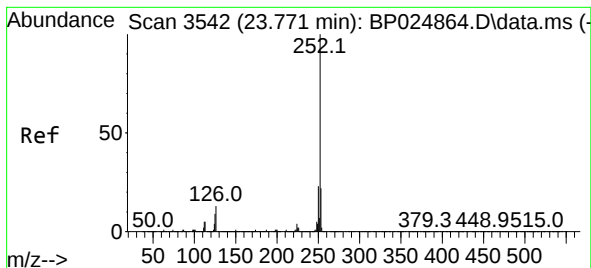
Ion Ratio Lower Upper

252 100

253 21.9 17.6 26.4

125 9.5 7.1 10.7





#89

Benzo(k)fluoranthene

Concen: 44.624 ng

RT: 23.789 min Scan# 31

Delta R.T. 0.017 min

Lab File: BP024907.D

Acq: 11 Jun 2025 11:31

Instrument :

BNA\_P

ClientSampleId :

PB168300BS

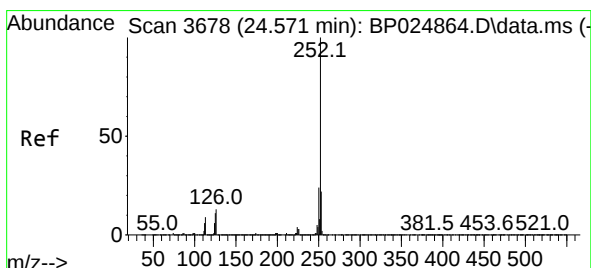
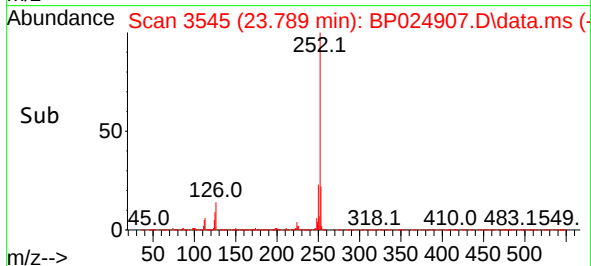
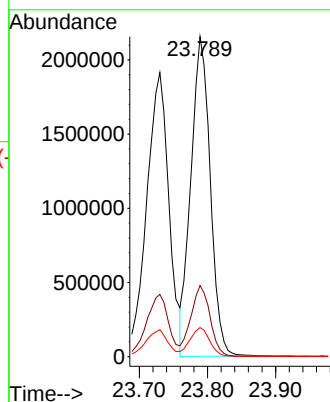
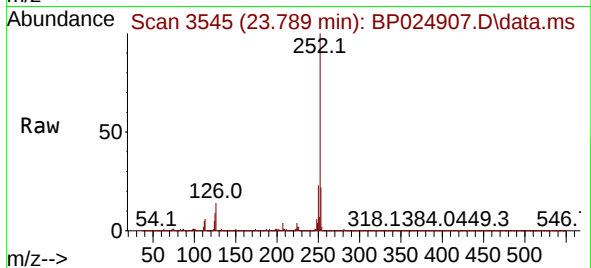
Tgt Ion:252 Resp: 4245852

Ion Ratio Lower Upper

252 100

253 22.3 17.7 26.5

125 9.1 7.4 11.0



#90

Benzo(a)pyrene

Concen: 45.563 ng

RT: 24.601 min Scan# 3683

Delta R.T. 0.029 min

Lab File: BP024907.D

Acq: 11 Jun 2025 11:31

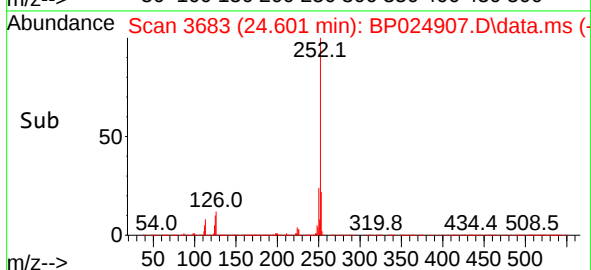
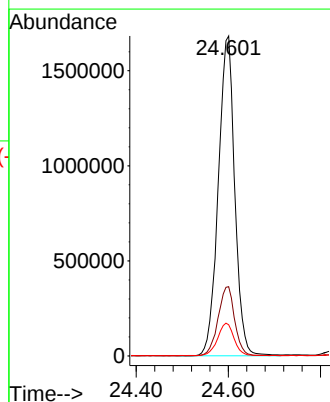
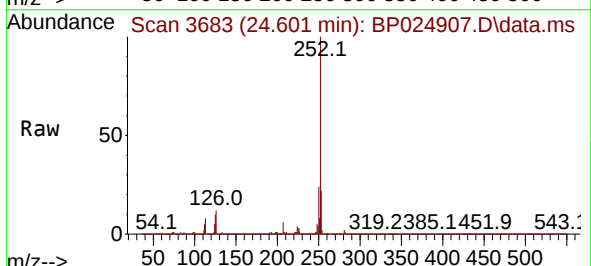
Tgt Ion:252 Resp: 4159188

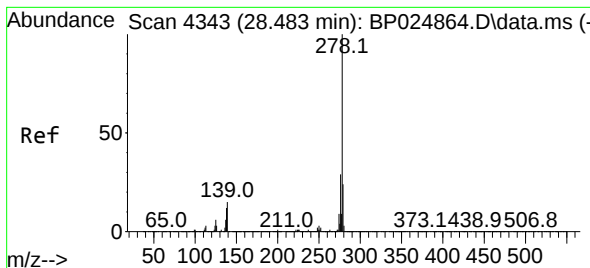
Ion Ratio Lower Upper

252 100

253 21.7 17.5 26.3

125 9.8 8.8 13.2





#91

Dibenzo(a,h)anthracene

Concen: 46.830 ng

RT: 28.530 min Scan# 41

Delta R.T. 0.047 min

Lab File: BP024907.D

Acq: 11 Jun 2025 11:31

Instrument :

BNA\_P

ClientSampleId :

PB168300BS

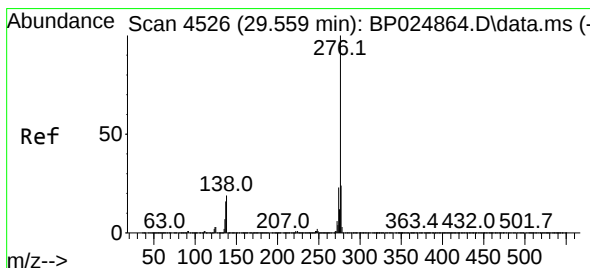
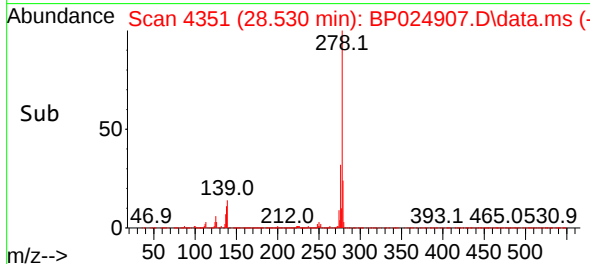
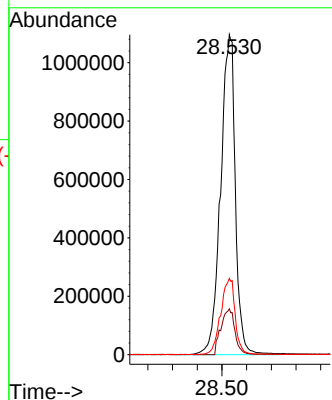
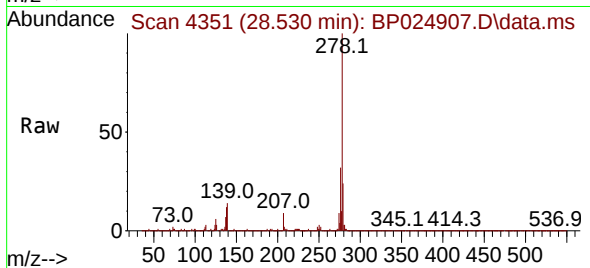
Tgt Ion:278 Resp: 4542460

Ion Ratio Lower Upper

278 100

139 14.3 12.0 18.0

279 23.8 19.1 28.7



#92

Benzo(g,h,i)perylene

Concen: 45.861 ng

RT: 29.624 min Scan# 4537

Delta R.T. 0.065 min

Lab File: BP024907.D

Acq: 11 Jun 2025 11:31

Tgt Ion:276 Resp: 4413732

Ion Ratio Lower Upper

276 100

277 23.0 19.1 28.7

138 19.0 15.4 23.2

