

Data Path : Z:\svoasrv\HPCHEM1\BNA\_P\Data\BP061625\  
 Data File : BP024959.D  
 Acq On : 16 Jun 2025 13:36  
 Operator : RC/JU  
 Sample : PB168456BS  
 Misc :  
 ALS Vial : 6 Sample Multiplier: 1

Instrument :  
 BNA\_P  
 ClientSampleId :  
 PB168456BS

Quant Time: Jun 16 14:25:47 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     | 7.608  | 152  | 328600   | 20.000  | ng    | 0.00     |
| 21) Naphthalene-d8            | 10.378 | 136  | 1260909  | 20.000  | ng    | 0.00     |
| 39) Acenaphthene-d10          | 14.249 | 164  | 718849   | 20.000  | ng    | 0.00     |
| 64) Phenanthrene-d10          | 17.054 | 188  | 1268587  | 20.000  | ng    | 0.00     |
| 76) Chrysene-d12              | 21.495 | 240  | 1223109  | 20.000  | ng    | 0.01     |
| 86) Perylene-d12              | 24.760 | 264  | 1486300  | 20.000  | ng    | 0.04     |
| System Monitoring Compounds   |        |      |          |         |       |          |
| 5) 2-Fluorophenol             | 5.243  | 112  | 2928975  | 148.784 | ng    | 0.00     |
| 7) Phenol-d6                  | 6.819  | 99   | 3557511  | 136.582 | ng    | 0.00     |
| 23) Nitrobenzene-d5           | 8.761  | 82   | 2196387  | 84.645  | ng    | 0.00     |
| 42) 2,4,6-Tribromophenol      | 15.784 | 330  | 1387842  | 139.643 | ng    | 0.00     |
| 45) 2-Fluorobiphenyl          | 12.860 | 172  | 4695276  | 87.989  | ng    | 0.00     |
| 79) Terphenyl-d14             | 19.789 | 244  | 6043937  | 88.563  | ng    | 0.00     |
| Target Compounds              |        |      |          |         |       |          |
|                               |        |      |          |         |       | Qvalue   |
| 2) 1,4-Dioxane                | 3.167  | 88   | 316047   | 36.486  | ng    | 99       |
| 3) Pyridine                   | 3.561  | 79   | 830863   | 39.885  | ng    | 98       |
| 4) n-Nitrosodimethylamine     | 3.478  | 42   | 390420   | 45.843  | ng    | 96       |
| 6) Aniline                    | 6.949  | 93   | 1233741  | 37.116  | ng    | 99       |
| 8) 2-Chlorophenol             | 7.184  | 128  | 1123987  | 50.365  | ng    | 99       |
| 9) Benzaldehyde               | 6.761  | 77   | 518718   | 34.551  | ng    | 100      |
| 10) Phenol                    | 6.843  | 94   | 1316415  | 49.026  | ng    | 98       |
| 11) bis(2-Chloroethyl)ether   | 7.043  | 93   | 1005016  | 47.588  | ng    | 99       |
| 12) 1,3-Dichlorobenzene       | 7.496  | 146  | 1166810  | 46.867  | ng    | 98       |
| 13) 1,4-Dichlorobenzene       | 7.637  | 146  | 1176350  | 46.829  | ng    | 99       |
| 14) 1,2-Dichlorobenzene       | 7.949  | 146  | 1133269  | 45.942  | ng    | 99       |
| 15) Benzyl Alcohol            | 7.861  | 79   | 936806   | 46.863  | ng    | 98       |
| 16) 2,2'-oxybis(1-Chloropr... | 8.119  | 45   | 1263501  | 45.710  | ng    | 99       |
| 17) 2-Methylphenol            | 8.072  | 107  | 883933   | 47.142  | ng    | 98       |
| 18) Hexachloroethane          | 8.666  | 117  | 438343   | 46.349  | ng    | 98       |
| 19) n-Nitroso-di-n-propyla... | 8.408  | 70   | 744840   | 42.065  | ng    | 100      |
| 20) 3+4-Methylphenols         | 8.396  | 107  | 1154919  | 45.146  | ng    | 96       |
| 22) Acetophenone              | 8.425  | 105  | 1515435  | 47.570  | ng    | # 99     |
| 24) Nitrobenzene              | 8.802  | 77   | 1117473  | 48.476  | ng    | 99       |
| 25) Isophorone                | 9.325  | 82   | 2055947  | 45.717  | ng    | 100      |
| 26) 2-Nitrophenol             | 9.508  | 139  | 590354   | 51.904  | ng    | 98       |
| 27) 2,4-Dimethylphenol        | 9.578  | 122  | 960077   | 49.321  | ng    | 98       |
| 28) bis(2-Chloroethoxy)met... | 9.796  | 93   | 1288530  | 48.033  | ng    | 99       |
| 29) 2,4-Dichlorophenol        | 10.055 | 162  | 961517   | 51.479  | ng    | 99       |
| 30) 1,2,4-Trichlorobenzene    | 10.243 | 180  | 1014221  | 48.144  | ng    | 100      |
| 31) Naphthalene               | 10.431 | 128  | 3106409  | 48.074  | ng    | 99       |
| 32) Benzoic acid              | 9.790  | 122  | 654783   | 49.777  | ng    | 97       |
| 33) 4-Chloroaniline           | 10.555 | 127  | 642739   | 23.742  | ng    | 99       |
| 34) Hexachlorobutadiene       | 10.708 | 225  | 642297   | 50.586  | ng    | 100      |
| 35) Caprolactam               | 11.360 | 113  | 290691   | 42.281  | ng    | 97       |
| 36) 4-Chloro-3-methylphenol   | 11.707 | 107  | 1019944  | 47.344  | ng    | 100      |
| 37) 2-Methylnaphthalene       | 12.049 | 142  | 1943163  | 47.408  | ng    | 100      |
| 38) 1-Methylnaphthalene       | 12.272 | 142  | 2019613  | 46.088  | ng    | 98       |
| 40) 1,2,4,5-Tetrachloroben... | 12.425 | 216  | 1076394  | 52.770  | ng    | 99       |
| 41) Hexachlorocyclopentadiene | 12.396 | 237  | 1324279  | 106.442 | ng    | 98       |
| 43) 2,4,6-Trichlorophenol     | 12.684 | 196  | 729433   | 53.249  | ng    | 99       |

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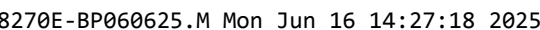
Instrument :  
 BNA\_P  
 ClientSampleId :  
 PB168456BS

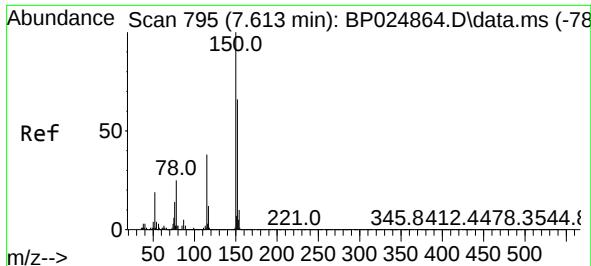
Quant Time: Jun 16 14:25:47 2025  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_P\Methods\8270E-BP060625.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Fri Jun 06 16:20:27 2025  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc    | Units | Dev(Min) |
|-------------------------------|--------|------|----------|---------|-------|----------|
| 44) 2,4,5-Trichlorophenol     | 12.772 | 196  | 792022   | 53.989  | ng    | 98       |
| 46) 1,1'-Biphenyl             | 13.072 | 154  | 2696914  | 51.625  | ng    | 99       |
| 47) 2-Chloronaphthalene       | 13.119 | 162  | 2070610  | 51.571  | ng    | 100      |
| 48) 2-Nitroaniline            | 13.343 | 65   | 617505   | 50.026  | ng    | 95       |
| 49) Acenaphthylene            | 13.972 | 152  | 3312325  | 49.477  | ng    | 100      |
| 50) Dimethylphthalate         | 13.713 | 163  | 2510961  | 47.351  | ng    | 100      |
| 51) 2,6-Dinitrotoluene        | 13.843 | 165  | 562957   | 49.245  | ng    | 98       |
| 52) Acenaphthene              | 14.313 | 154  | 1900355  | 49.537  | ng    | 99       |
| 53) 3-Nitroaniline            | 14.184 | 138  | 358175   | 30.191  | ng    | 100      |
| 54) 2,4-Dinitrophenol         | 14.407 | 184  | 709102   | 94.198  | ng    | 95       |
| 55) Dibenzofuran              | 14.660 | 168  | 2952003  | 47.939  | ng    | 100      |
| 56) 4-Nitrophenol             | 14.543 | 139  | 833506   | 82.788  | ng    | 99       |
| 57) 2,4-Dinitrotoluene        | 14.648 | 165  | 764915   | 47.833  | ng    | 96       |
| 58) Fluorene                  | 15.325 | 166  | 2371123  | 47.666  | ng    | 99       |
| 59) 2,3,4,6-Tetrachlorophenol | 14.901 | 232  | 650753   | 49.648  | ng    | 99       |
| 60) Diethylphthalate          | 15.101 | 149  | 2499846  | 47.302  | ng    | 99       |
| 61) 4-Chlorophenyl-phenyle... | 15.319 | 204  | 1185863  | 48.755  | ng    | 97       |
| 62) 4-Nitroaniline            | 15.372 | 138  | 511114   | 47.516  | ng    | 93       |
| 63) Azobenzene                | 15.619 | 77   | 2324635  | 47.961  | ng    | 98       |
| 65) 4,6-Dinitro-2-methylph... | 15.437 | 198  | 436282   | 52.339  | ng    | 97       |
| 66) n-Nitrosodiphenylamine    | 15.543 | 169  | 2061801  | 52.436  | ng    | 100      |
| 67) 4-Bromophenyl-phenylether | 16.231 | 248  | 766194   | 53.528  | ng    | 96       |
| 68) Hexachlorobenzene         | 16.354 | 284  | 910568   | 52.475  | ng    | 97       |
| 69) Atrazine                  | 16.519 | 200  | 725483   | 50.896  | ng    | 98       |
| 70) Pentachlorophenol         | 16.719 | 266  | 1058592  | 117.873 | ng    | 100      |
| 71) Phenanthrene              | 17.101 | 178  | 3461052  | 49.370  | ng    | 99       |
| 72) Anthracene                | 17.195 | 178  | 3567799  | 50.251  | ng    | 99       |
| 73) Carbazole                 | 17.484 | 167  | 3257560  | 49.500  | ng    | 99       |
| 74) Di-n-butylphthalate       | 18.066 | 149  | 4105497  | 50.352  | ng    | 100      |
| 75) Fluoranthene              | 19.195 | 202  | 3800091  | 46.768  | ng    | 99       |
| 77) Benzidine                 | 19.401 | 184  | 1493140  | 39.416  | ng    | 99       |
| 78) Pyrene                    | 19.572 | 202  | 3898349  | 51.017  | ng    | 100      |
| 80) Butylbenzylphthalate      | 20.519 | 149  | 1845415  | 52.724  | ng    | 99       |
| 81) Benzo(a)anthracene        | 21.472 | 228  | 3932450  | 50.269  | ng    | 100      |
| 82) 3,3'-Dichlorobenzidine    | 21.401 | 252  | 1121819  | 36.122  | ng    | 99       |
| 83) Chrysene                  | 21.542 | 228  | 3696870  | 49.875  | ng    | 99       |
| 84) Bis(2-ethylhexyl)phtha... | 21.401 | 149  | 2748569  | 54.809  | ng    | 100      |
| 85) Di-n-octyl phthalate      | 22.642 | 149  | 4910375  | 55.553  | ng    | 99       |
| 87) Indeno(1,2,3-cd)pyrene    | 28.483 | 276  | 5723970  | 52.783  | ng    | # 88     |
| 88) Benzo(b)fluoranthene      | 23.724 | 252  | 4270474  | 50.205  | ng    | 99       |
| 89) Benzo(k)fluoranthene      | 23.795 | 252  | 4343786  | 50.168  | ng    | 99       |
| 90) Benzo(a)pyrene            | 24.619 | 252  | 4240653  | 51.049  | ng    | 100      |
| 91) Dibenzo(a,h)anthracene    | 28.542 | 278  | 4708442  | 53.341  | ng    | 100      |
| 92) Benzo(g,h,i)perylene      | 29.624 | 276  | 4651568  | 53.111  | ng    | 100      |

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

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QLast Update : Fri Jun 06 16:20:27 2025  
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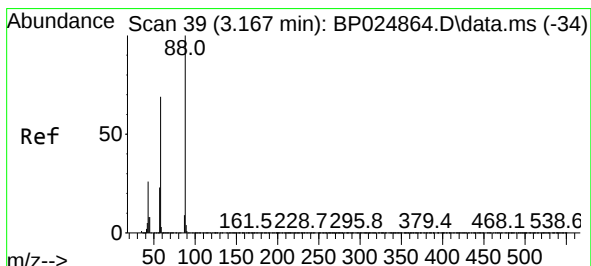
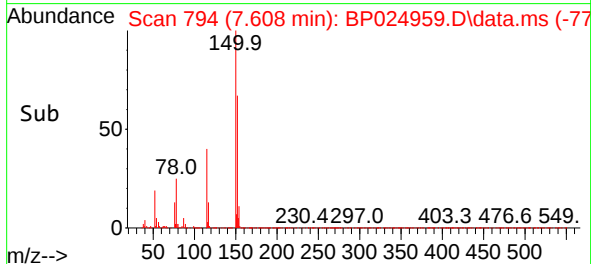
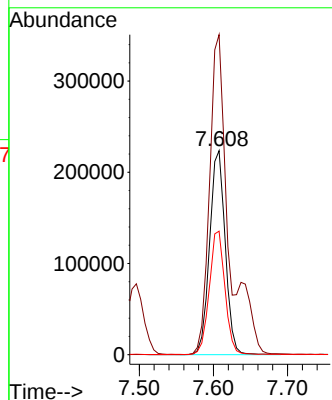
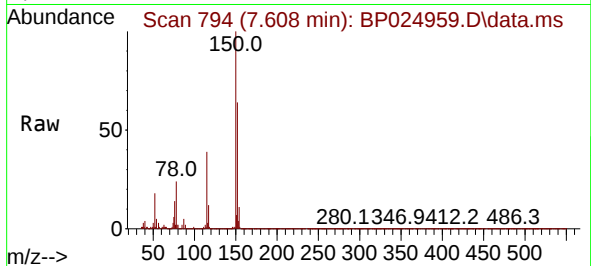




#1  
 1,4-Dichlorobenzene-d4  
 Concen: 20.000 ng  
 RT: 7.608 min Scan# 795  
 Delta R.T. -0.005 min  
 Lab File: BP024959.D  
 Acq: 16 Jun 2025 13:36

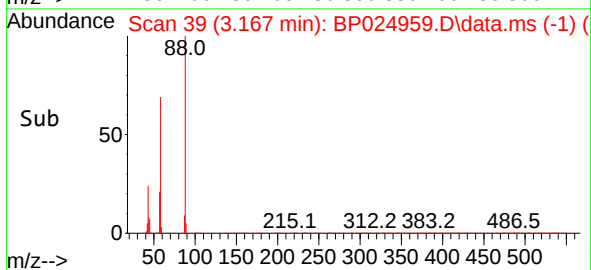
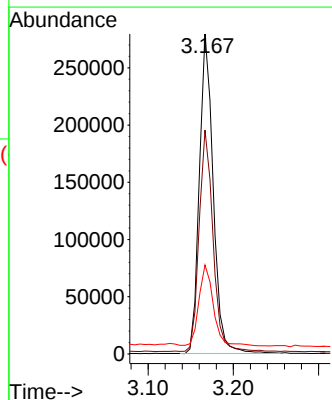
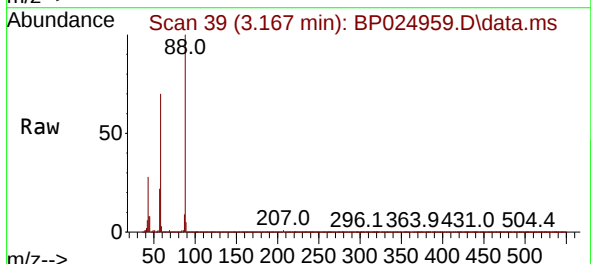
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 PB168456BS

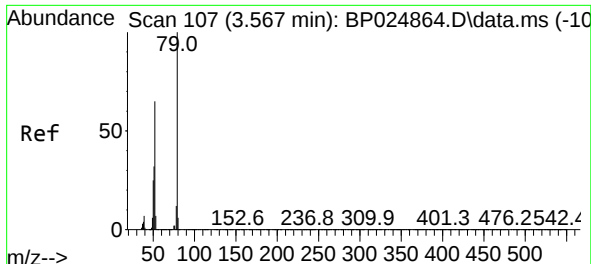
Tgt Ion:152 Resp: 328600  
 Ion Ratio Lower Upper  
 152 100  
 150 156.8 122.1 183.1  
 115 60.6 46.4 69.6



#2  
 1,4-Dioxane  
 Concen: 36.486 ng  
 RT: 3.167 min Scan# 39  
 Delta R.T. 0.000 min  
 Lab File: BP024959.D  
 Acq: 16 Jun 2025 13:36

Tgt Ion: 88 Resp: 316047  
 Ion Ratio Lower Upper  
 88 100  
 58 70.0 55.4 83.0  
 43 26.4 20.8 31.2

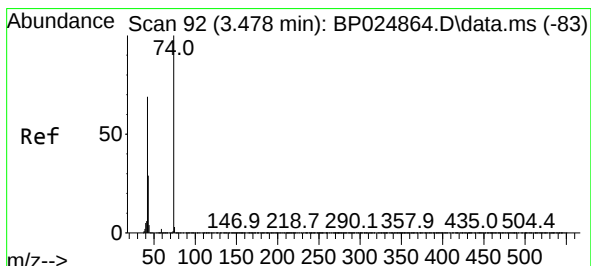
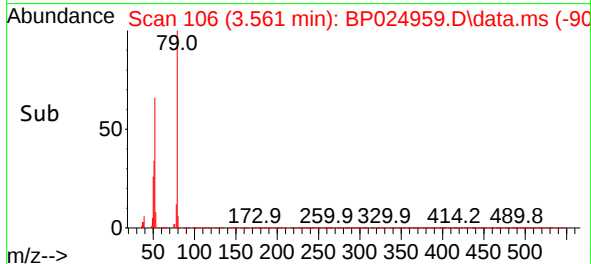
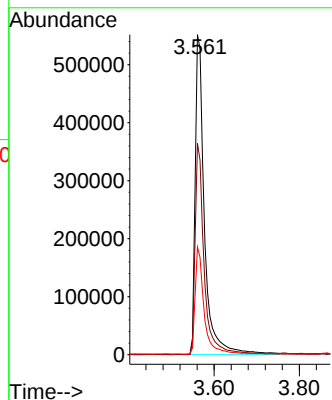
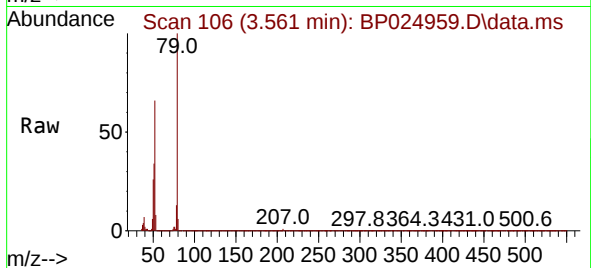




#3  
Pyridine  
Concen: 39.885 ng  
RT: 3.561 min Scan# 106  
Delta R.T. -0.006 min  
Lab File: BP024959.D  
Acq: 16 Jun 2025 13:36

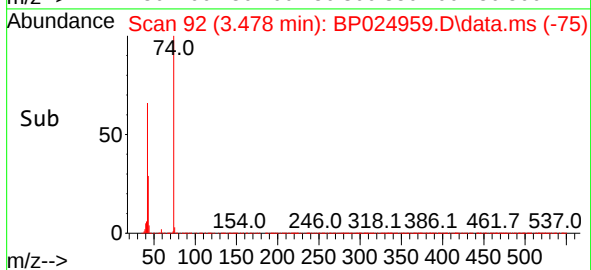
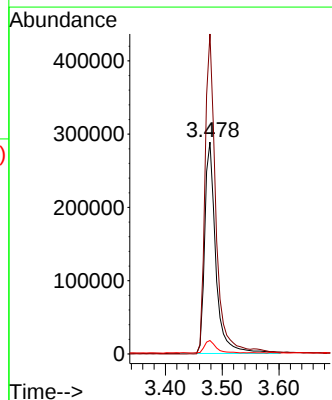
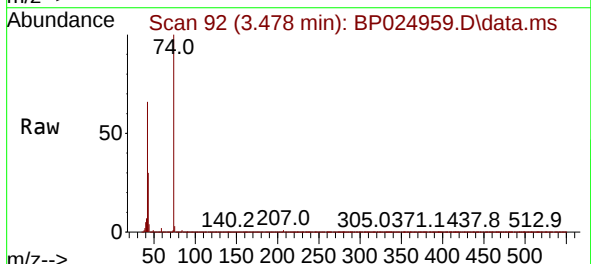
Instrument :  
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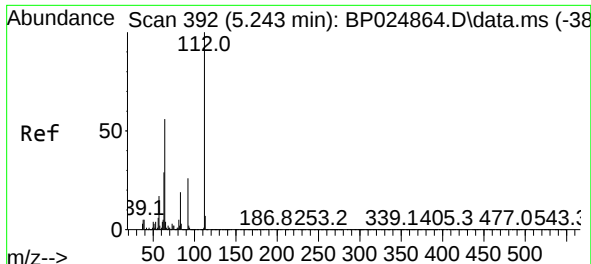
Tgt Ion: 79 Resp: 830863  
Ion Ratio Lower Upper  
79 100  
52 66.1 51.6 77.4  
51 33.7 25.5 38.3



#4  
n-Nitrosodimethylamine  
Concen: 45.843 ng  
RT: 3.478 min Scan# 92  
Delta R.T. 0.000 min  
Lab File: BP024959.D  
Acq: 16 Jun 2025 13:36

Tgt Ion: 42 Resp: 390420  
Ion Ratio Lower Upper  
42 100  
74 151.1 116.6 174.8  
44 6.3 5.4 8.0

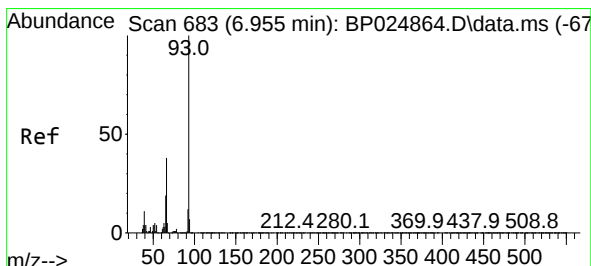
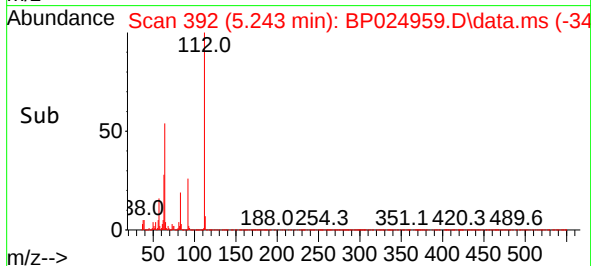
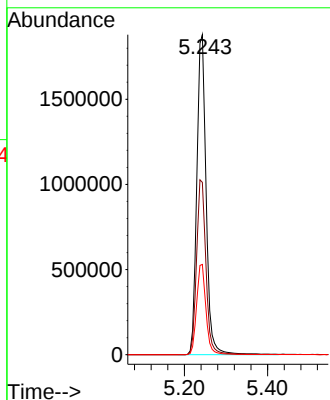
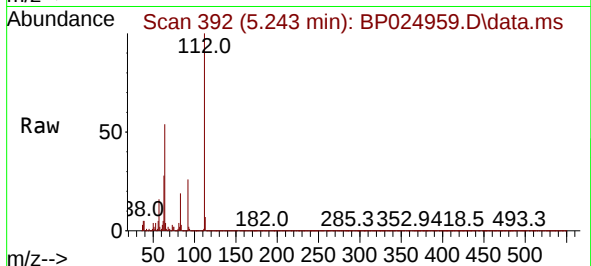




#5  
2-Fluorophenol  
Concen: 148.784 ng  
RT: 5.243 min Scan# 392  
Delta R.T. 0.000 min  
Lab File: BP024959.D  
Acq: 16 Jun 2025 13:36

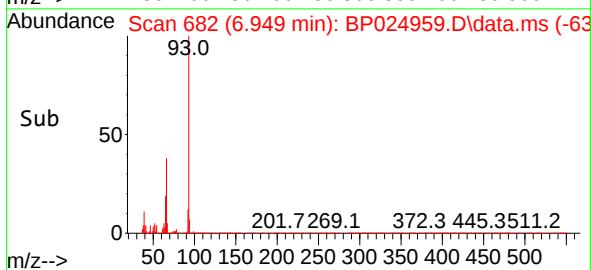
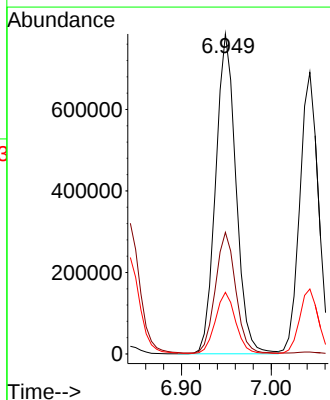
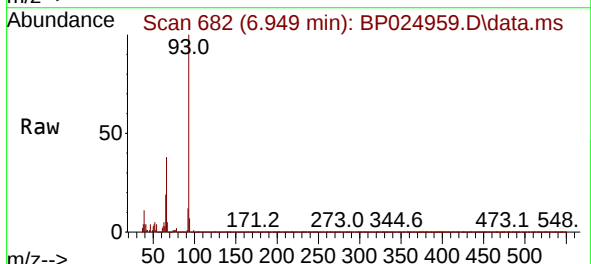
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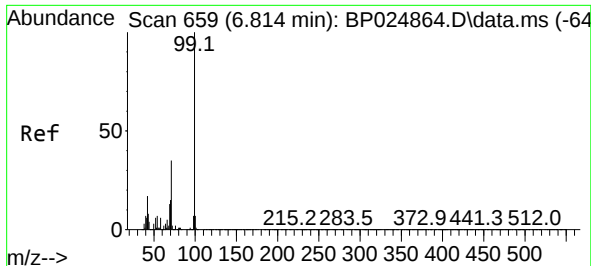
Tgt Ion:112 Resp: 2928975  
Ion Ratio Lower Upper  
112 100  
64 53.9 44.7 67.1  
63 28.2 23.5 35.3



#6  
Aniline  
Concen: 37.116 ng  
RT: 6.949 min Scan# 682  
Delta R.T. -0.006 min  
Lab File: BP024959.D  
Acq: 16 Jun 2025 13:36

Tgt Ion: 93 Resp: 1233741  
Ion Ratio Lower Upper  
93 100  
66 38.0 30.9 46.3  
65 19.2 15.5 23.3

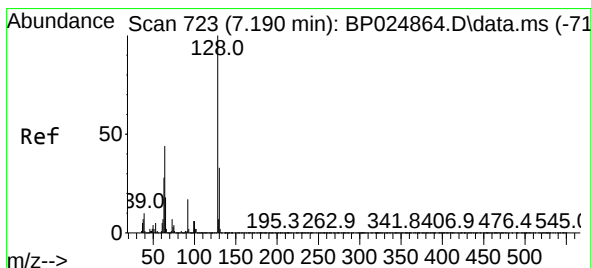
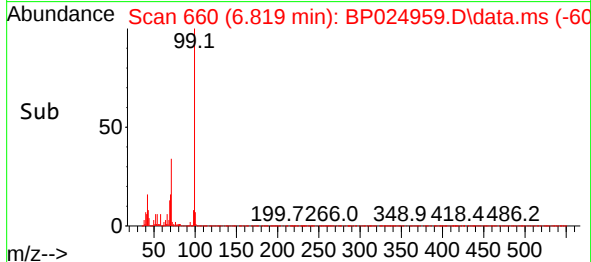
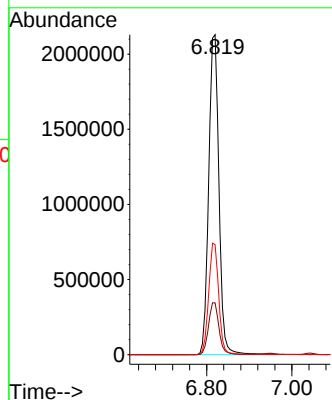
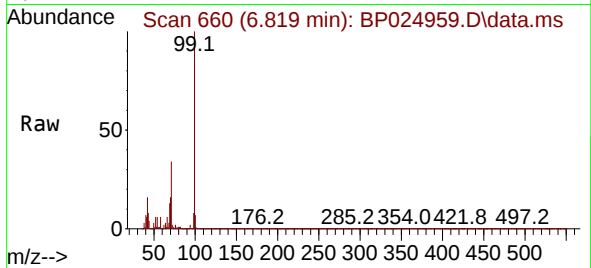




#7  
Phenol-d6  
Concen: 136.582 ng  
RT: 6.819 min Scan# 60  
Delta R.T. 0.006 min  
Lab File: BP024959.D  
Acq: 16 Jun 2025 13:36

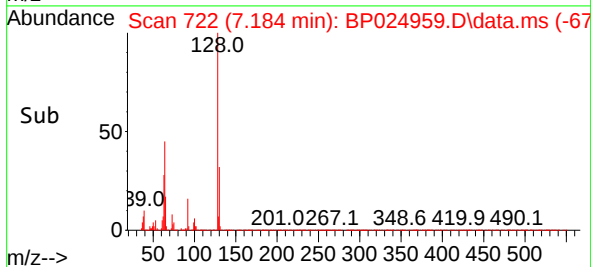
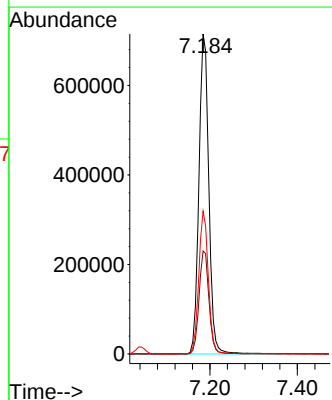
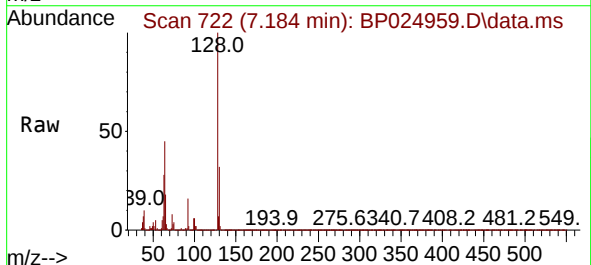
Instrument :  
BNA\_P  
ClientSampleId :  
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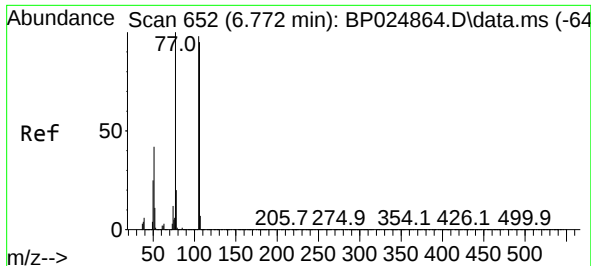
Tgt Ion: 99 Resp: 3557511  
Ion Ratio Lower Upper  
99 100  
42 16.2 13.4 20.2  
71 34.4 27.6 41.4



#8  
2-Chlorophenol  
Concen: 50.365 ng  
RT: 7.184 min Scan# 722  
Delta R.T. -0.006 min  
Lab File: BP024959.D  
Acq: 16 Jun 2025 13:36

Tgt Ion: 128 Resp: 1123987  
Ion Ratio Lower Upper  
128 100  
130 32.2 12.6 52.6  
64 44.6 24.1 64.1

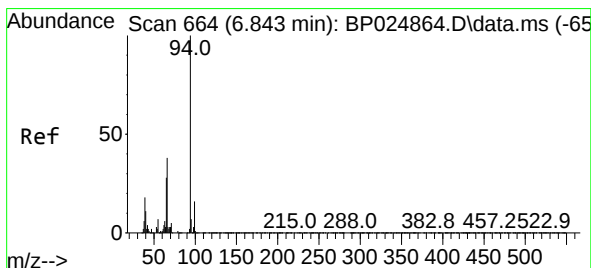
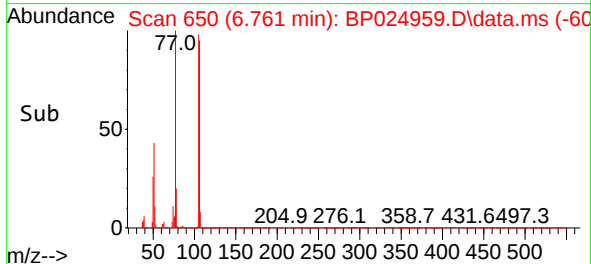
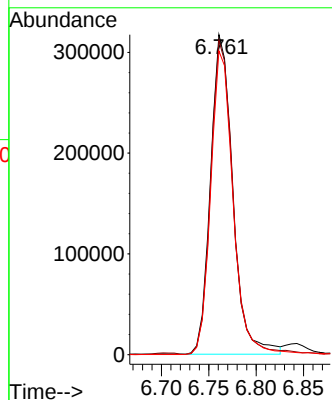
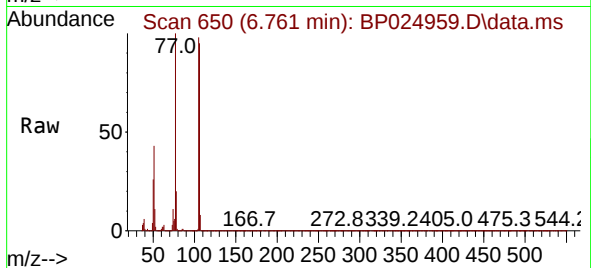




#9  
Benzaldehyde  
Concen: 34.551 ng  
RT: 6.761 min Scan# 61  
Delta R.T. -0.012 min  
Lab File: BP024959.D  
Acq: 16 Jun 2025 13:36

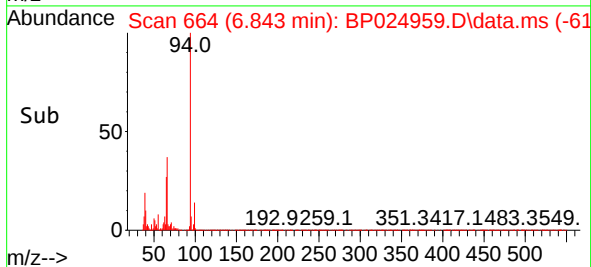
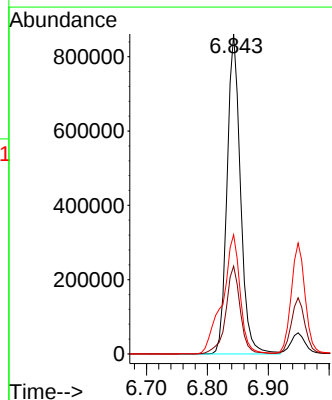
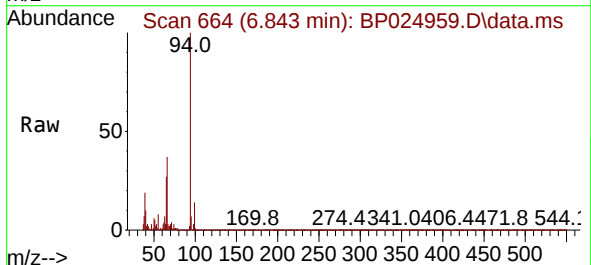
Instrument :  
BNA\_P  
ClientSampleId :  
PB168456BS

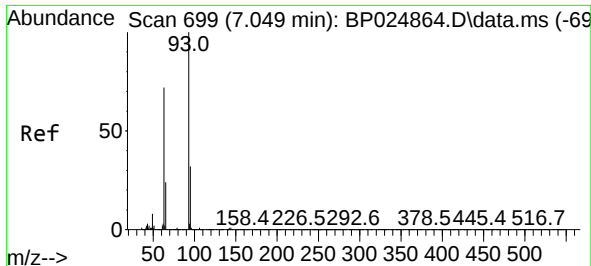
Tgt Ion: 77 Resp: 518718  
Ion Ratio Lower Upper  
77 100  
105 98.2 77.7 117.7  
106 94.9 74.8 114.8



#10  
Phenol  
Concen: 49.026 ng  
RT: 6.843 min Scan# 664  
Delta R.T. 0.000 min  
Lab File: BP024959.D  
Acq: 16 Jun 2025 13:36

Tgt Ion: 94 Resp: 1316415  
Ion Ratio Lower Upper  
94 100  
65 27.5 8.3 48.3  
66 37.2 18.2 58.2

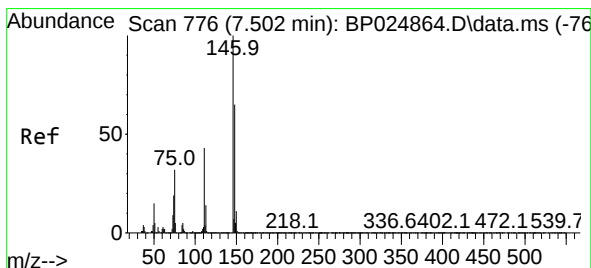
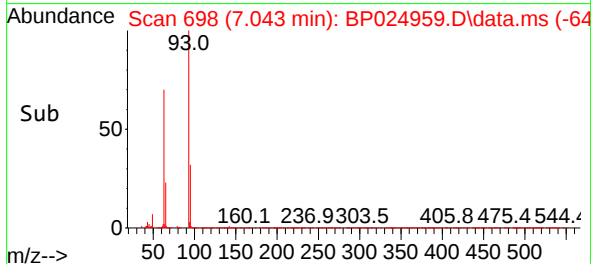
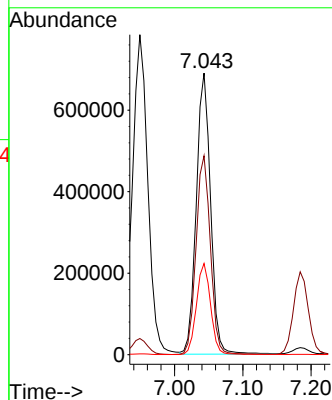
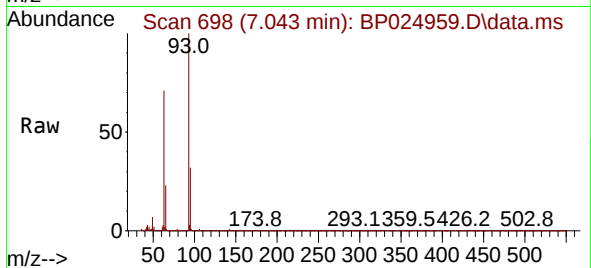




#11  
bis(2-Chloroethyl)ether  
Concen: 47.588 ng  
RT: 7.043 min Scan# 699  
Delta R.T. -0.006 min  
Lab File: BP024959.D  
Acq: 16 Jun 2025 13:36

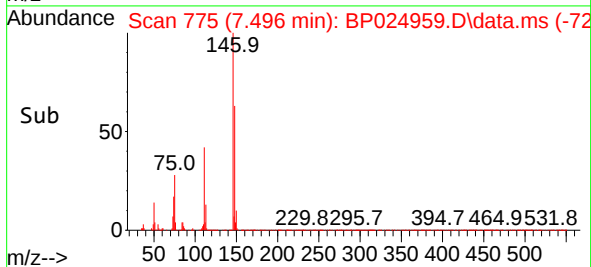
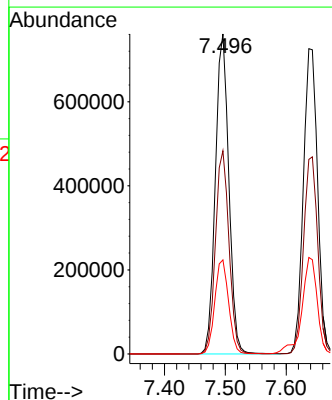
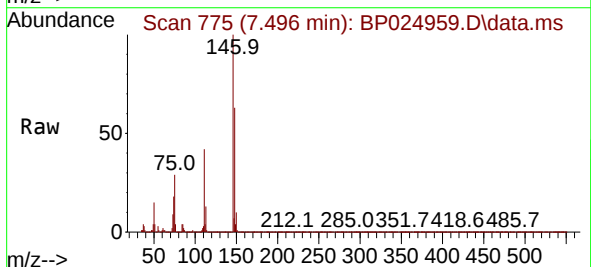
Instrument :  
BNA\_P  
ClientSampleId :  
PB168456BS

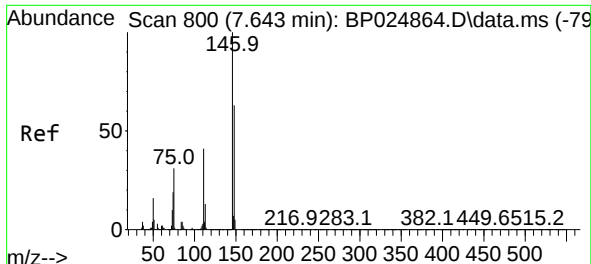
Tgt Ion: 93 Resp: 1005016  
Ion Ratio Lower Upper  
93 100  
63 70.6 51.6 91.6  
95 32.4 12.1 52.1



#12  
1,3-Dichlorobenzene  
Concen: 46.867 ng  
RT: 7.496 min Scan# 775  
Delta R.T. -0.006 min  
Lab File: BP024959.D  
Acq: 16 Jun 2025 13:36

Tgt Ion: 146 Resp: 1166810  
Ion Ratio Lower Upper  
146 100  
148 63.5 51.8 77.8  
75 29.4 25.3 37.9





#13

1,4-Dichlorobenzene

Concen: 46.829 ng

RT: 7.637 min Scan# 799

Delta R.T. -0.006 min

Lab File: BP024959.D

Acq: 16 Jun 2025 13:36

Instrument :

BNA\_P

ClientSampleId :

PB168456BS

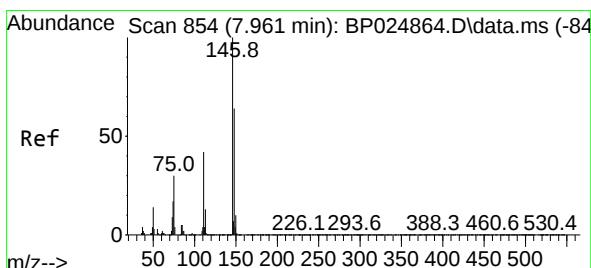
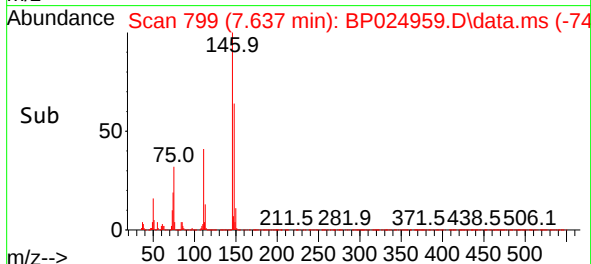
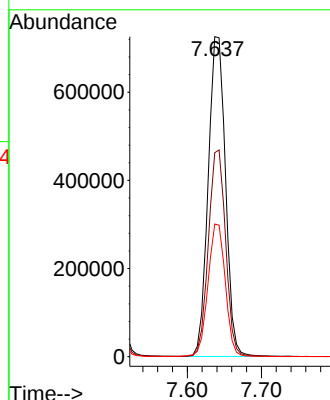
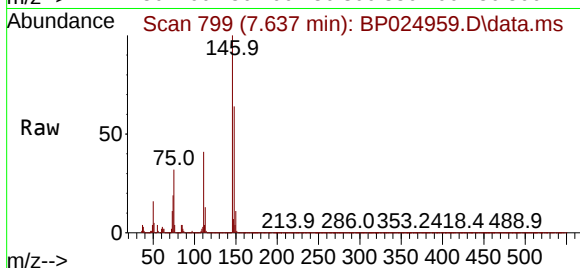
Tgt Ion:146 Resp: 1176350

Ion Ratio Lower Upper

146 100

148 63.7 50.8 76.2

111 41.5 32.7 49.1



#14

1,2-Dichlorobenzene

Concen: 45.942 ng

RT: 7.949 min Scan# 852

Delta R.T. -0.012 min

Lab File: BP024959.D

Acq: 16 Jun 2025 13:36

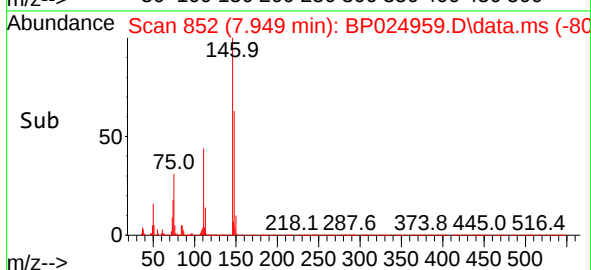
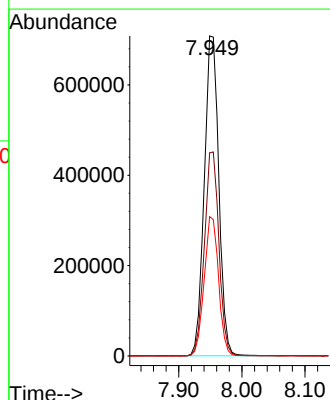
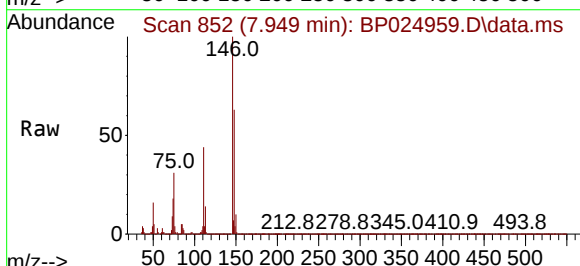
Tgt Ion:146 Resp: 1133269

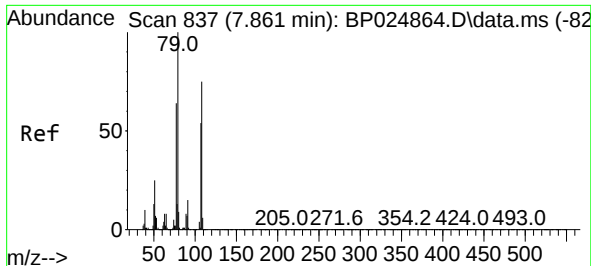
Ion Ratio Lower Upper

146 100

148 63.5 51.0 76.4

111 43.6 33.8 50.8

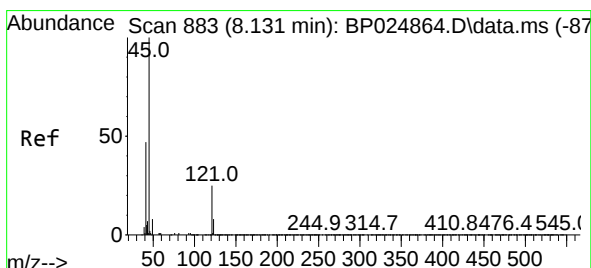
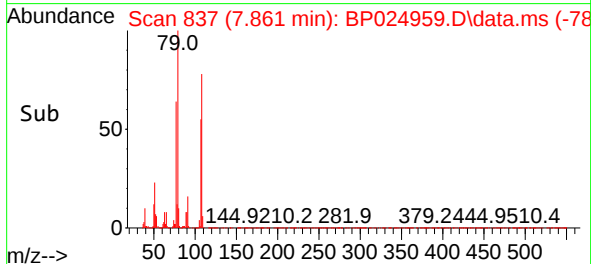
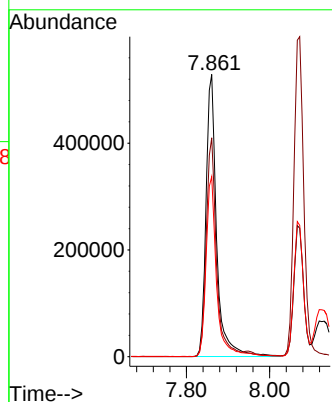
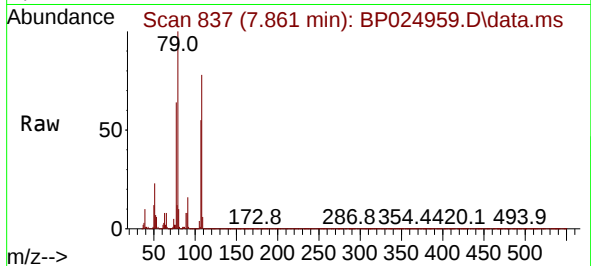




#15  
Benzyl Alcohol  
Concen: 46.863 ng  
RT: 7.861 min Scan# 81  
Delta R.T. 0.000 min  
Lab File: BP024959.D  
Acq: 16 Jun 2025 13:36

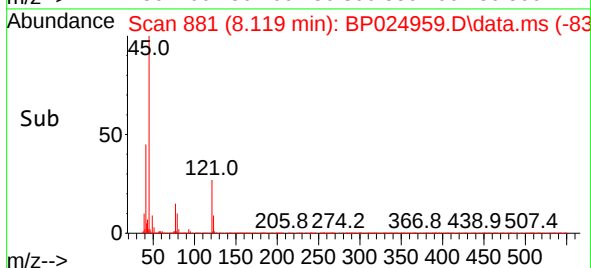
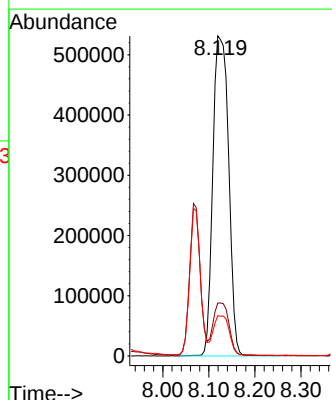
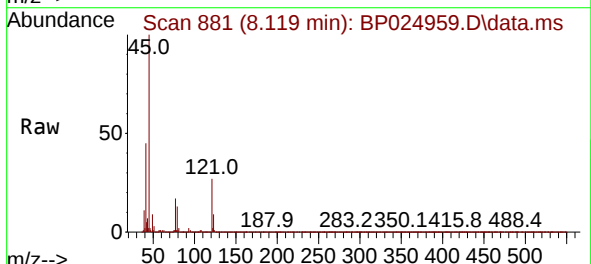
Instrument :  
BNA\_P  
ClientSampleId :  
PB168456BS

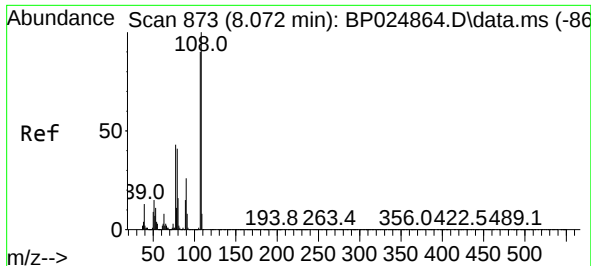
Tgt Ion: 79 Resp: 936806  
Ion Ratio Lower Upper  
79 100  
108 77.6 60.2 90.4  
77 63.8 51.2 76.8



#16  
2,2'-oxybis(1-Chloropropane)  
Concen: 45.710 ng  
RT: 8.119 min Scan# 881  
Delta R.T. -0.012 min  
Lab File: BP024959.D  
Acq: 16 Jun 2025 13:36

Tgt Ion: 45 Resp: 1263501  
Ion Ratio Lower Upper  
45 100  
77 16.6 0.0 36.3  
79 12.6 0.0 32.2

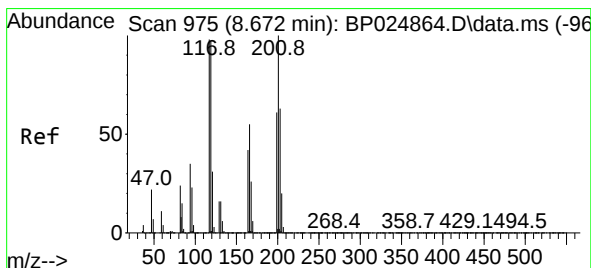
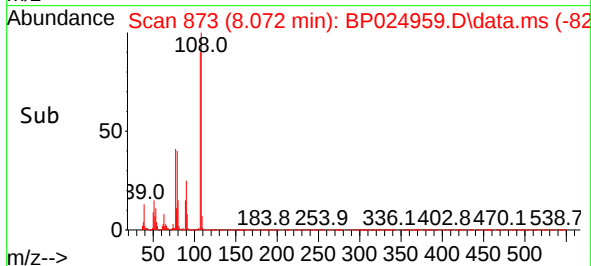
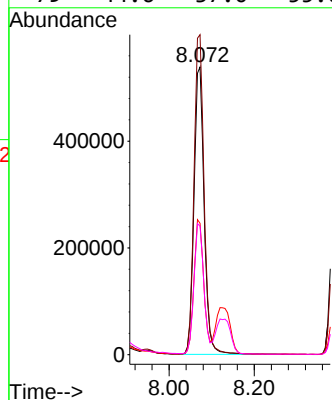
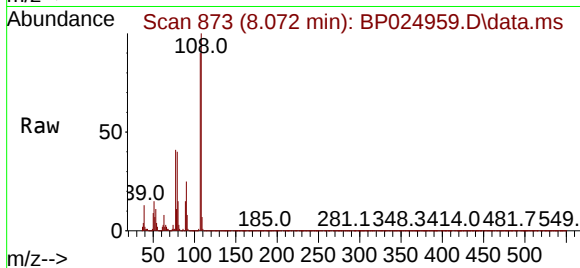




#17  
2-Methylphenol  
Concen: 47.142 ng  
RT: 8.072 min Scan# 81  
Delta R.T. 0.000 min  
Lab File: BP024959.D  
Acq: 16 Jun 2025 13:36

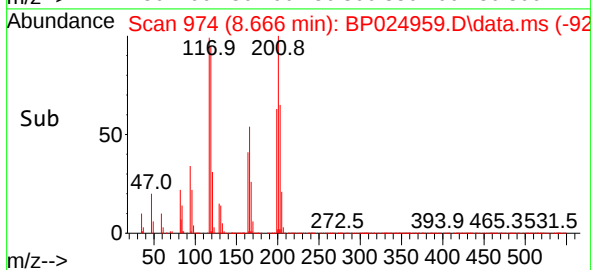
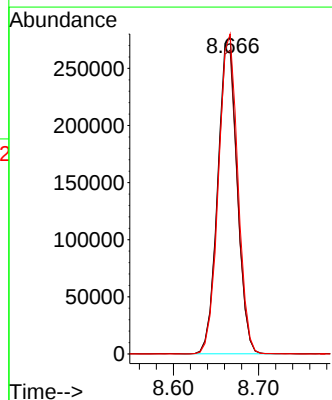
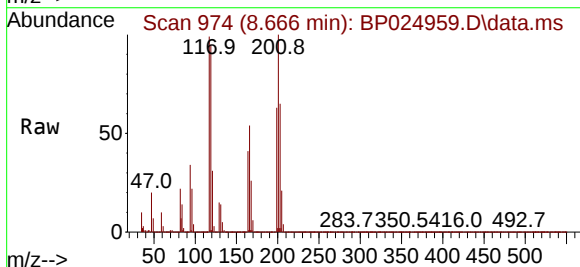
Instrument :  
BNA\_P  
ClientSampleId :  
PB168456BS

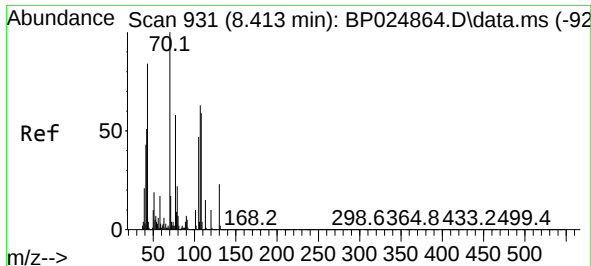
|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 107   | Resp: | 883933 |
| Ion      | Ratio | Lower | Upper  |
| 107      | 100   |       |        |
| 108      | 111.2 | 88.6  | 132.8  |
| 77       | 45.7  | 38.5  | 57.7   |
| 79       | 44.6  | 37.0  | 55.6   |



#18  
Hexachloroethane  
Concen: 46.349 ng  
RT: 8.666 min Scan# 974  
Delta R.T. -0.006 min  
Lab File: BP024959.D  
Acq: 16 Jun 2025 13:36

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 117   | Resp: | 438343 |
| Ion      | Ratio | Lower | Upper  |
| 117      | 100   |       |        |
| 119      | 95.8  | 79.4  | 119.2  |
| 201      | 100.9 | 81.4  | 122.2  |

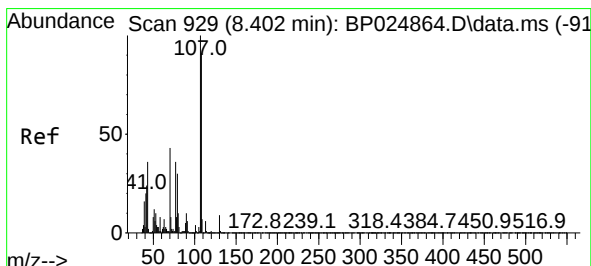
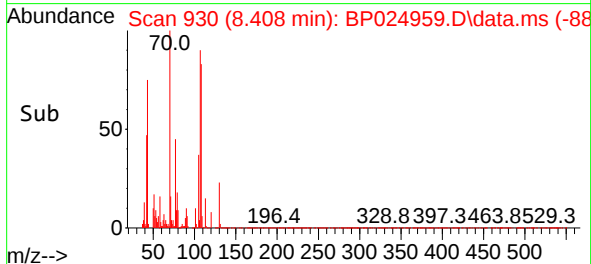
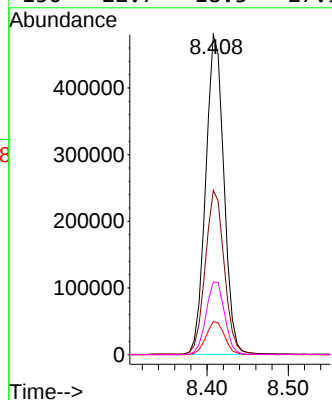
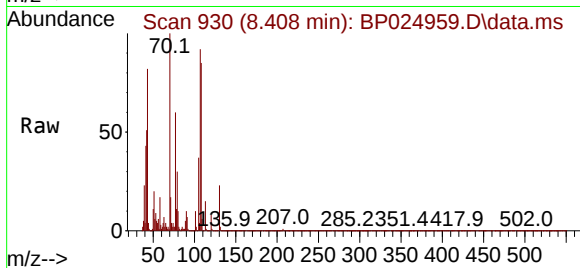




#19  
n-Nitroso-di-n-propylamine  
Concen: 42.065 ng  
RT: 8.408 min Scan# 91  
Delta R.T. -0.006 min  
Lab File: BP024959.D  
Acq: 16 Jun 2025 13:36

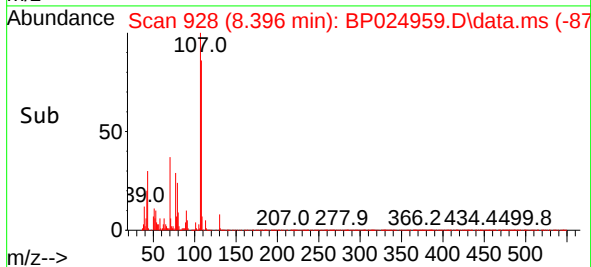
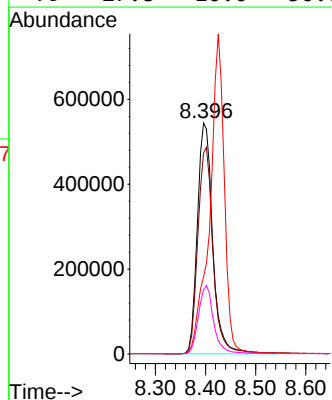
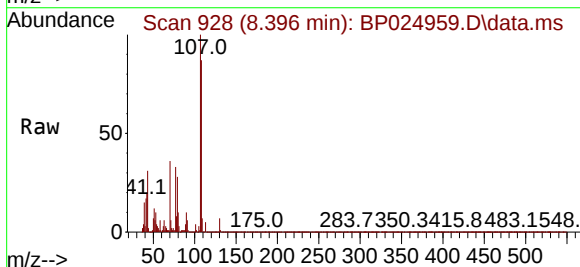
Instrument :  
BNA\_P  
ClientSampleId :  
PB168456BS

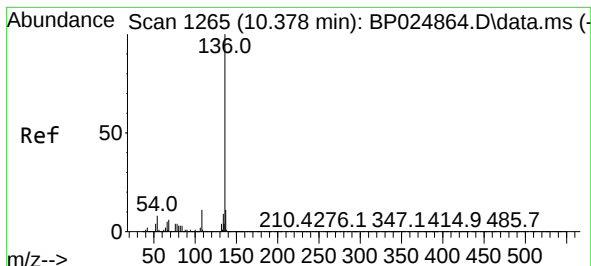
|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 70    | Resp: | 744840 |
| Ion      | Ratio | Lower | Upper  |
| 70       | 100   |       |        |
| 42       | 51.4  | 41.2  | 61.8   |
| 101      | 10.4  | 8.3   | 12.5   |
| 130      | 22.7  | 18.3  | 27.5   |



#20  
3+4-Methylphenols  
Concen: 45.146 ng  
RT: 8.396 min Scan# 928  
Delta R.T. -0.006 min  
Lab File: BP024959.D  
Acq: 16 Jun 2025 13:36

|          |       |       |         |
|----------|-------|-------|---------|
| Tgt Ion: | 107   | Resp: | 1154919 |
| Ion      | Ratio | Lower | Upper   |
| 107      | 100   |       |         |
| 108      | 87.1  | 70.7  | 110.7   |
| 77       | 33.3  | 16.6  | 56.6    |
| 79       | 27.8  | 10.0  | 50.0    |

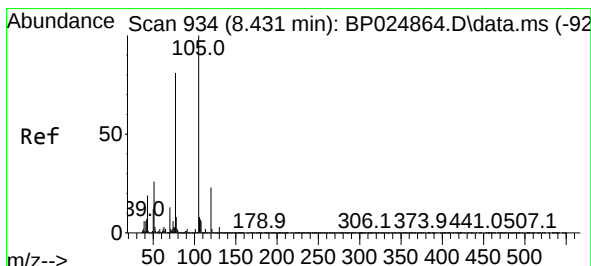
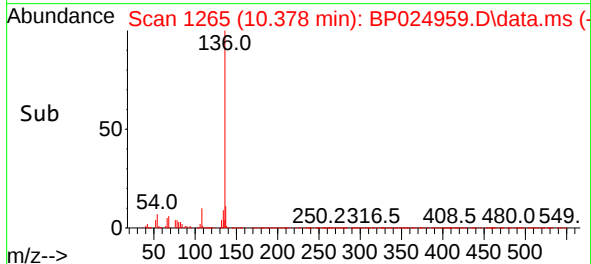
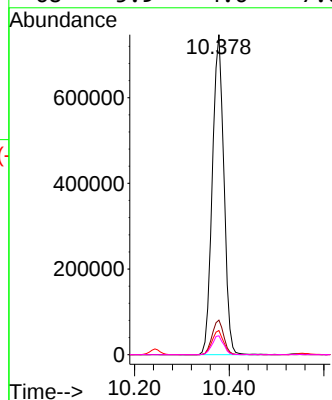
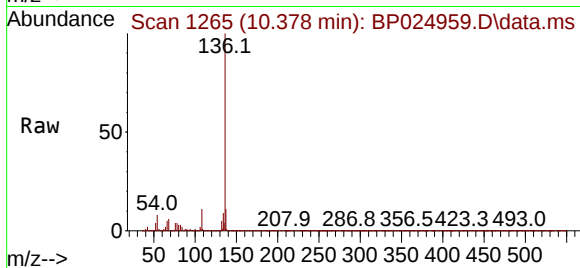




#21  
Naphthalene-d8  
Concen: 20.000 ng  
RT: 10.378 min Scan# 11  
Delta R.T. 0.000 min  
Lab File: BP024959.D  
Acq: 16 Jun 2025 13:36

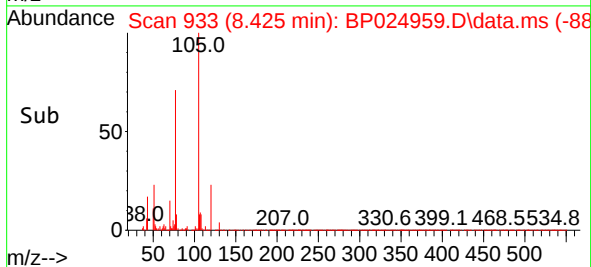
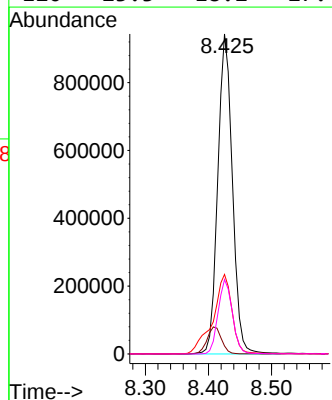
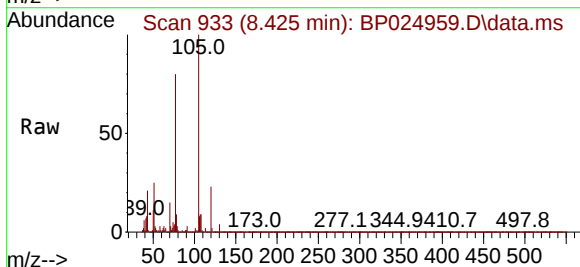
Instrument :  
BNA\_P  
ClientSampleId :  
PB168456BS

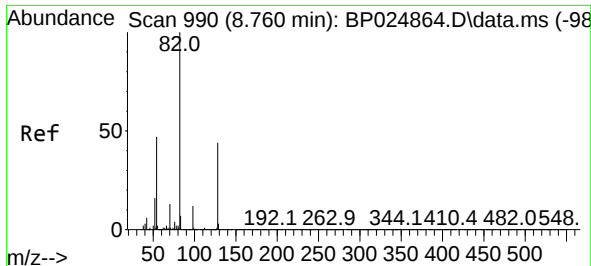
Tgt Ion:136 Resp: 1260909  
Ion Ratio Lower Upper  
136 100  
137 10.8 8.9 13.3  
54 7.5 6.1 9.1  
68 5.9 4.6 7.0



#22  
Acetophenone  
Concen: 47.570 ng  
RT: 8.425 min Scan# 933  
Delta R.T. -0.006 min  
Lab File: BP024959.D  
Acq: 16 Jun 2025 13:36

Tgt Ion:105 Resp: 1515435  
Ion Ratio Lower Upper  
105 100  
71 2.5 1.6 2.4#  
51 24.9 20.6 31.0  
120 23.3 18.2 27.4

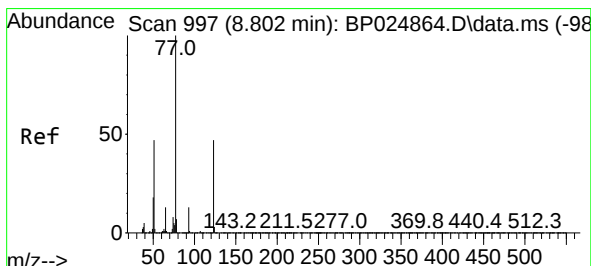
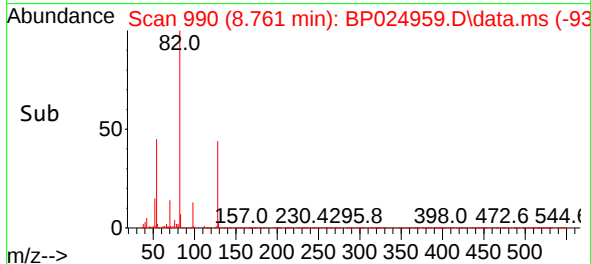
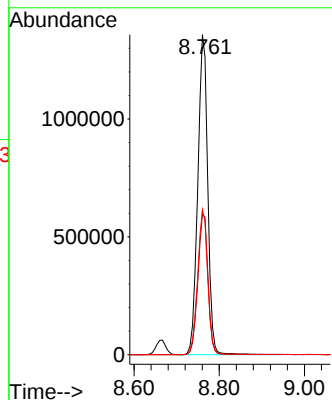
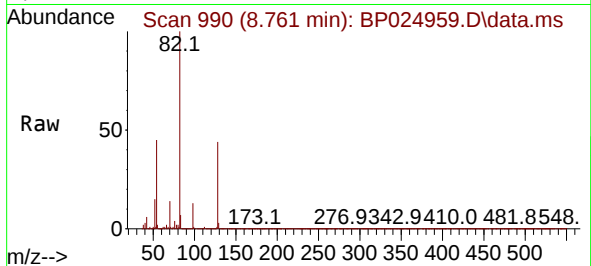




#23  
Nitrobenzene-d5  
Concen: 84.645 ng  
RT: 8.761 min Scan# 990  
Delta R.T. 0.000 min  
Lab File: BP024959.D  
Acq: 16 Jun 2025 13:36

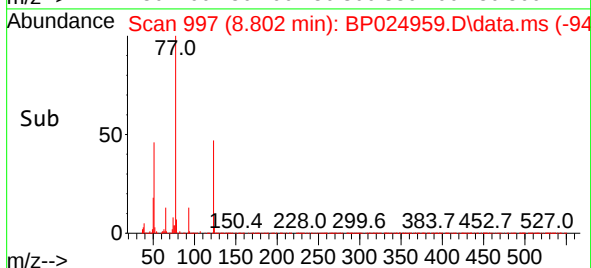
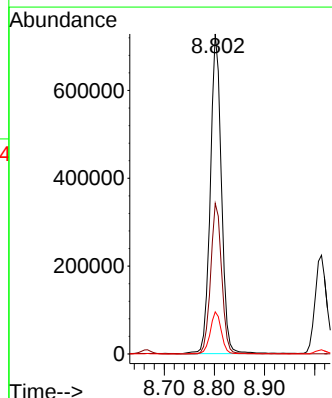
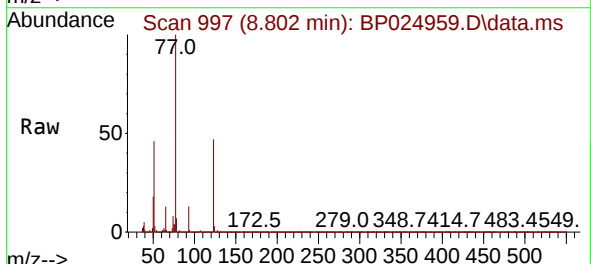
Instrument :  
BNA\_P  
ClientSampleId :  
PB168456BS

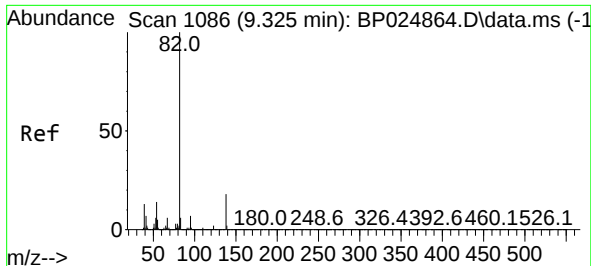
Tgt Ion: 82 Resp: 2196387  
Ion Ratio Lower Upper  
82 100  
128 44.0 35.3 52.9  
54 45.3 37.4 56.0



#24  
Nitrobenzene  
Concen: 48.476 ng  
RT: 8.802 min Scan# 997  
Delta R.T. 0.000 min  
Lab File: BP024959.D  
Acq: 16 Jun 2025 13:36

Tgt Ion: 77 Resp: 1117473  
Ion Ratio Lower Upper  
77 100  
123 47.1 37.3 55.9  
65 13.1 10.8 16.2

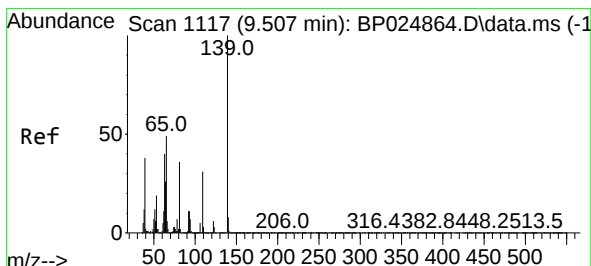
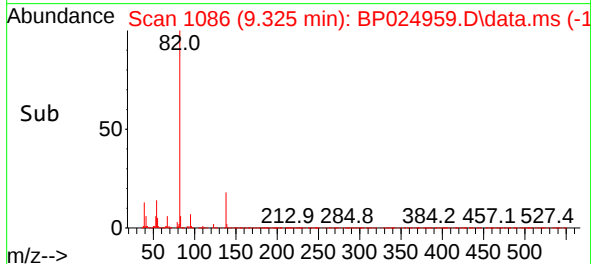
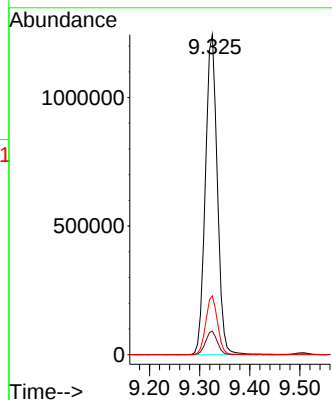
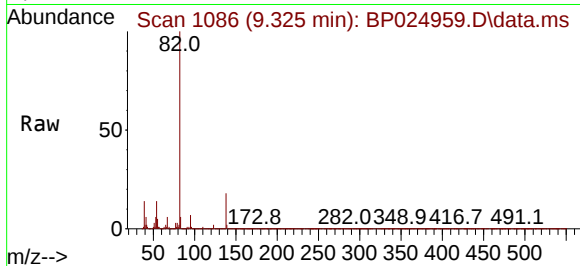




#25  
Isophorone  
Concen: 45.717 ng  
RT: 9.325 min Scan# 1086  
Delta R.T. 0.000 min  
Lab File: BP024959.D  
Acq: 16 Jun 2025 13:36

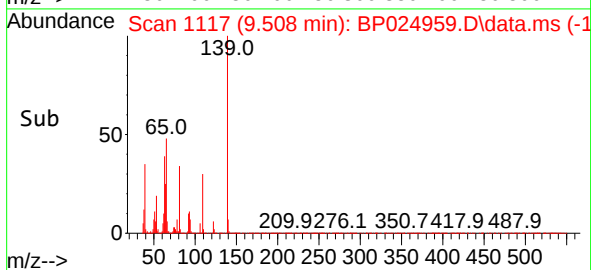
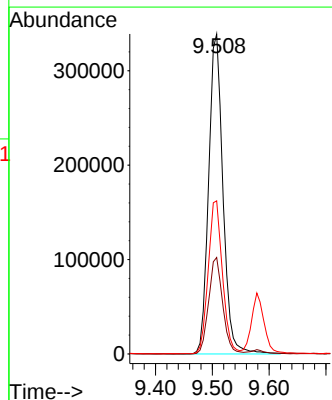
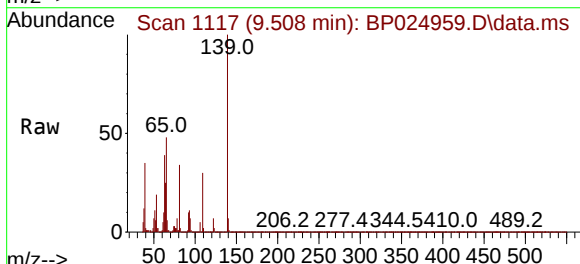
Instrument :  
BNA\_P  
ClientSampleId :  
PB168456BS

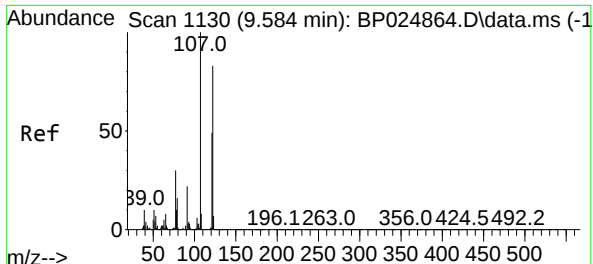
Tgt Ion: 82 Resp: 2055947  
Ion Ratio Lower Upper  
82 100  
95 7.4 5.9 8.9  
138 18.4 14.6 21.8



#26  
2-Nitrophenol  
Concen: 51.904 ng  
RT: 9.508 min Scan# 1117  
Delta R.T. 0.000 min  
Lab File: BP024959.D  
Acq: 16 Jun 2025 13:36

Tgt Ion: 139 Resp: 590354  
Ion Ratio Lower Upper  
139 100  
109 30.1 24.6 37.0  
65 47.8 39.5 59.3

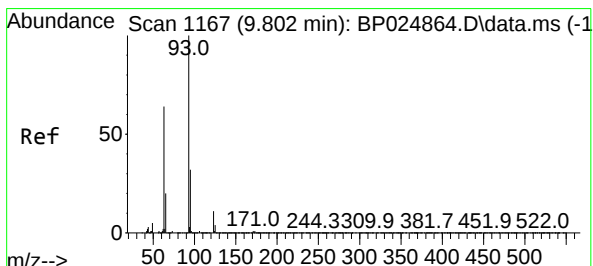
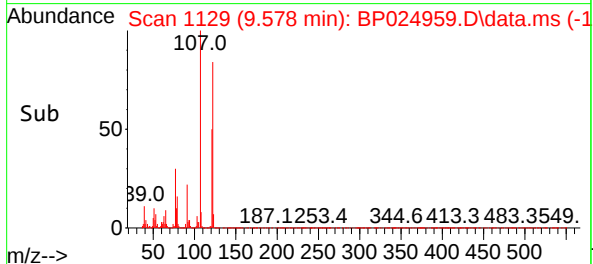
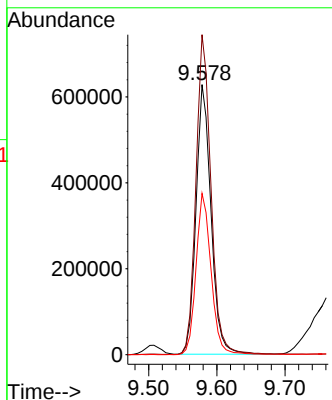
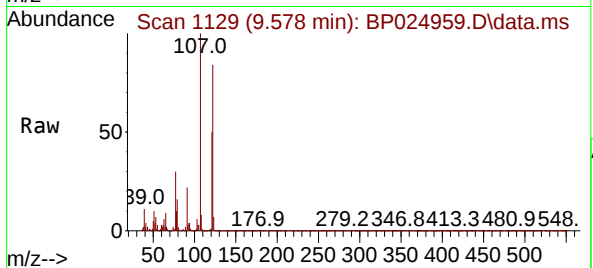




#27  
2,4-Dimethylphenol  
Concen: 49.321 ng  
RT: 9.578 min Scan# 1129  
Delta R.T. -0.006 min  
Lab File: BP024959.D  
Acq: 16 Jun 2025 13:36

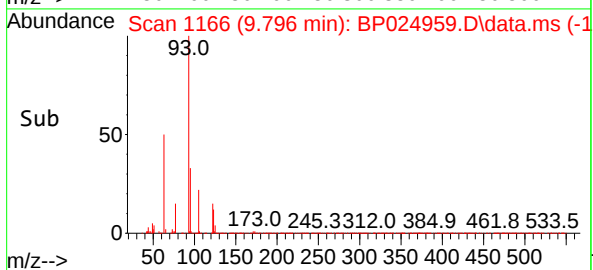
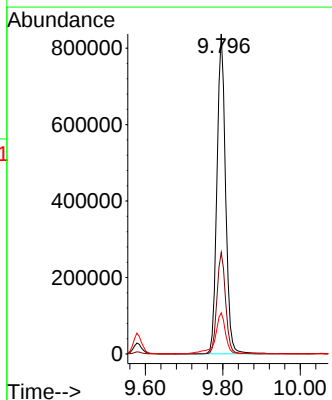
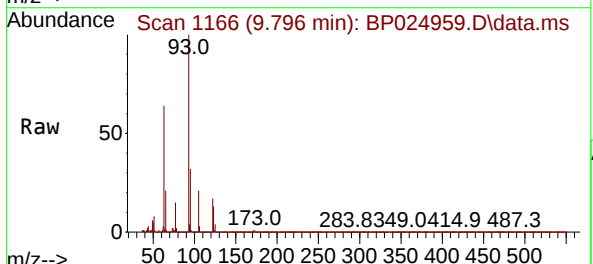
Instrument :  
BNA\_P  
ClientSampleId :  
PB168456BS

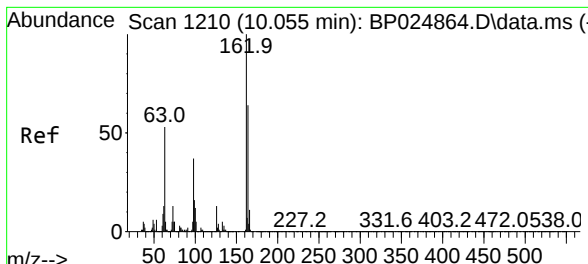
Tgt Ion:122 Resp: 960077  
Ion Ratio Lower Upper  
122 100  
107 118.5 96.2 144.4  
121 59.7 47.0 70.4



#28  
bis(2-Chloroethoxy)methane  
Concen: 48.033 ng  
RT: 9.796 min Scan# 1166  
Delta R.T. -0.006 min  
Lab File: BP024959.D  
Acq: 16 Jun 2025 13:36

Tgt Ion: 93 Resp: 1288530  
Ion Ratio Lower Upper  
93 100  
95 31.7 25.5 38.3  
123 12.8 9.2 13.8



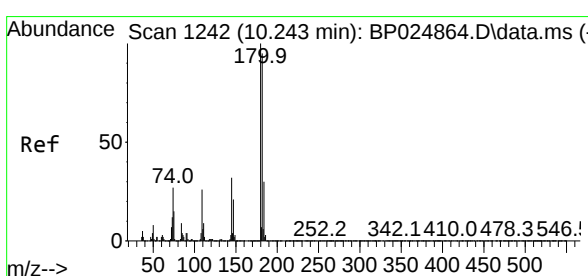
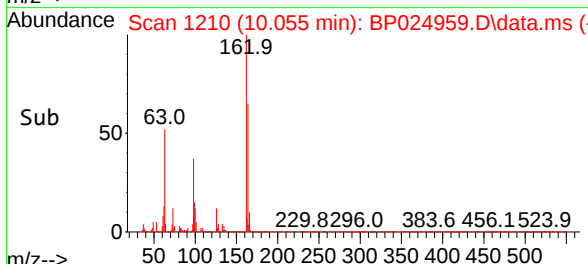
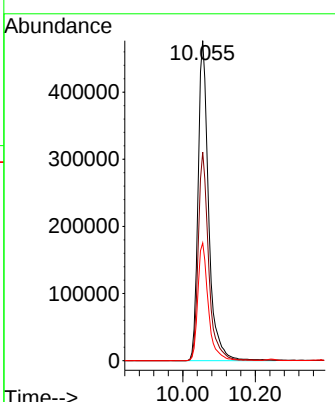
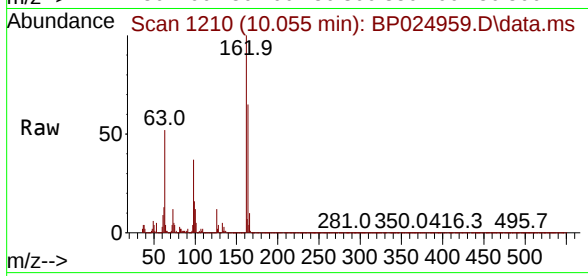


#29  
 2,4-Dichlorophenol  
 Concen: 51.479 ng  
 RT: 10.055 min Scan# 1210  
 Delta R.T. 0.000 min  
 Lab File: BP024959.D  
 Acq: 16 Jun 2025 13:36

Instrument :  
 BNA\_P  
 ClientSampleId :  
 PB168456BS

Tgt Ion:162 Resp: 961517

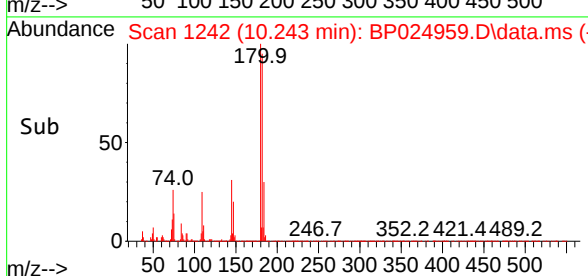
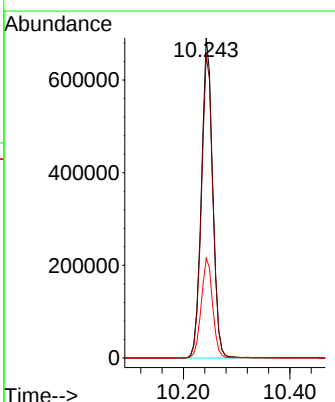
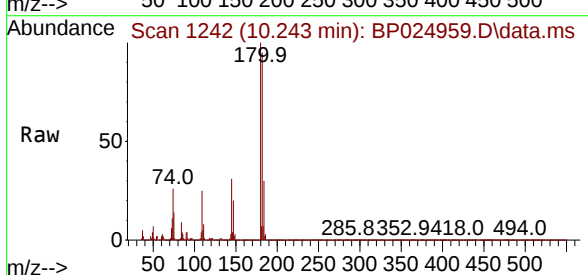
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 162 | 100   |       |       |
| 164 | 65.2  | 44.0  | 84.0  |
| 98  | 36.8  | 16.9  | 56.9  |

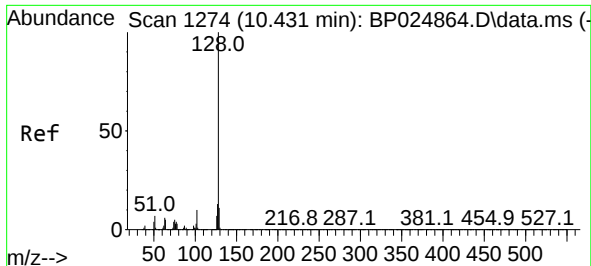


#30  
 1,2,4-Trichlorobenzene  
 Concen: 48.144 ng  
 RT: 10.243 min Scan# 1242  
 Delta R.T. 0.000 min  
 Lab File: BP024959.D  
 Acq: 16 Jun 2025 13:36

Tgt Ion:180 Resp: 1014221

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 180 | 100   |       |       |
| 182 | 94.6  | 75.8  | 113.6 |
| 145 | 31.2  | 25.7  | 38.5  |

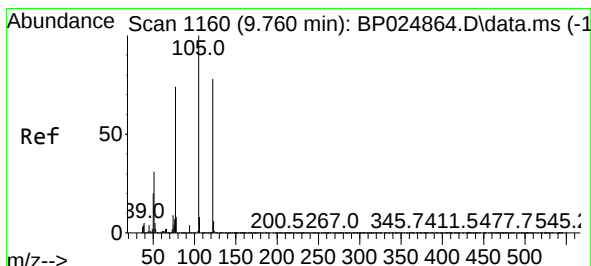
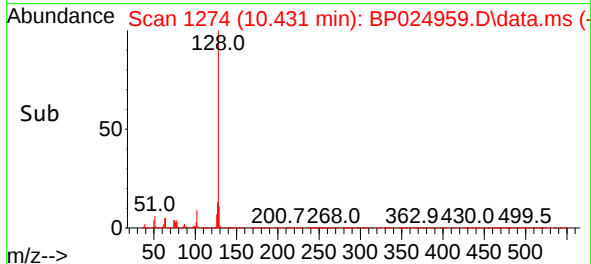
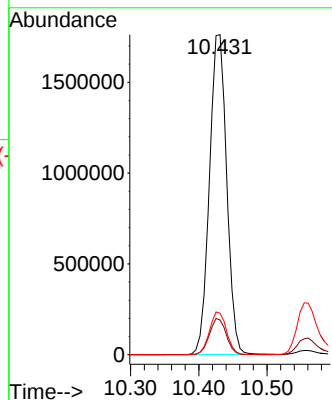
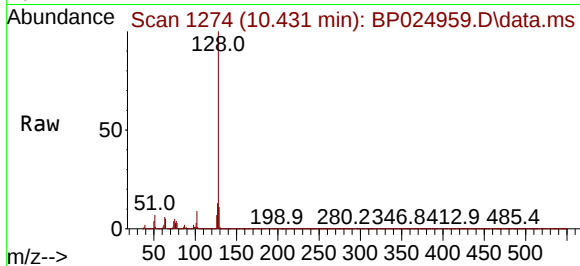




#31  
Naphthalene  
Concen: 48.074 ng  
RT: 10.431 min Scan# 1165  
Delta R.T. 0.000 min  
Lab File: BP024959.D  
Acq: 16 Jun 2025 13:36

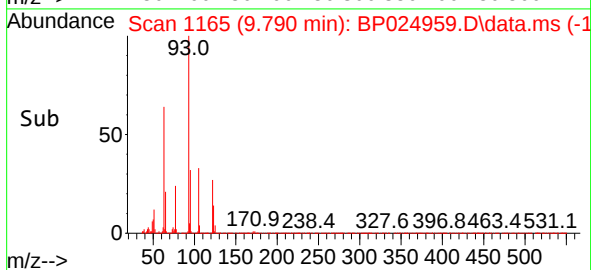
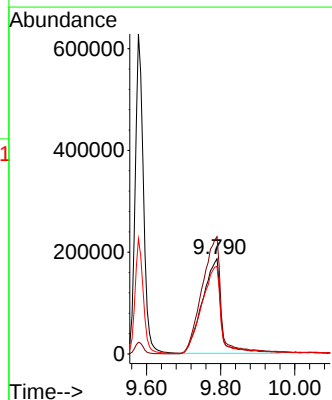
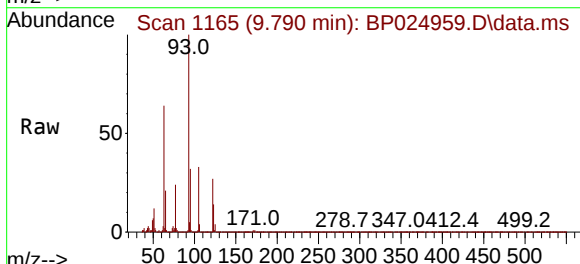
Instrument :  
BNA\_P  
ClientSampleId :  
PB168456BS

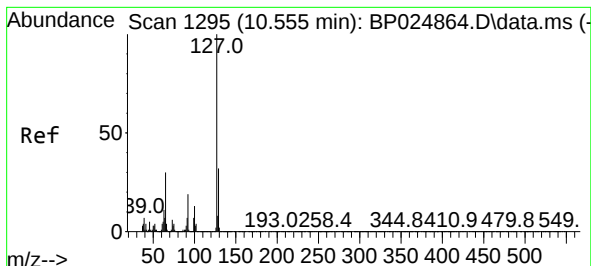
Tgt Ion:128 Resp: 3106409  
Ion Ratio Lower Upper  
128 100  
129 10.8 8.7 13.1  
127 13.0 10.7 16.1



#32  
Benzoic acid  
Concen: 49.777 ng  
RT: 9.790 min Scan# 1165  
Delta R.T. 0.029 min  
Lab File: BP024959.D  
Acq: 16 Jun 2025 13:36

Tgt Ion:122 Resp: 654783  
Ion Ratio Lower Upper  
122 100  
105 123.2 107.1 147.1  
77 92.0 75.1 115.1





#33

4-Chloroaniline

Concen: 23.742 ng

RT: 10.555 min Scan# 1295

Delta R.T. 0.000 min

Lab File: BP024959.D

Acq: 16 Jun 2025 13:36

Instrument :

BNA\_P

ClientSampleId :

PB168456BS

Tgt Ion:127 Resp: 642739

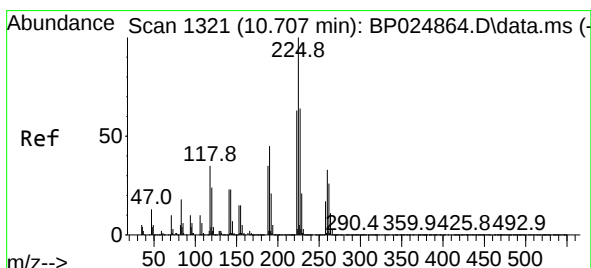
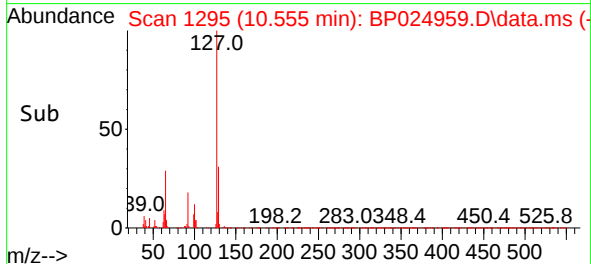
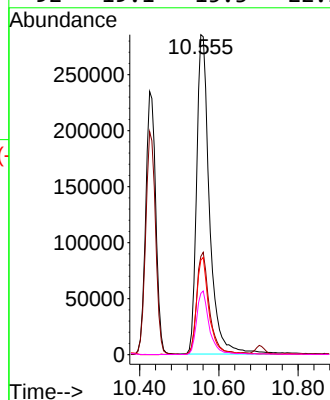
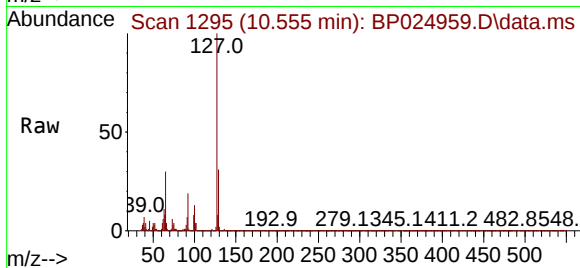
Ion Ratio Lower Upper

127 100

129 30.7 25.9 38.9

65 29.6 23.9 35.9

92 19.1 15.3 22.9



#34

Hexachlorobutadiene

Concen: 50.586 ng

RT: 10.708 min Scan# 1321

Delta R.T. 0.000 min

Lab File: BP024959.D

Acq: 16 Jun 2025 13:36

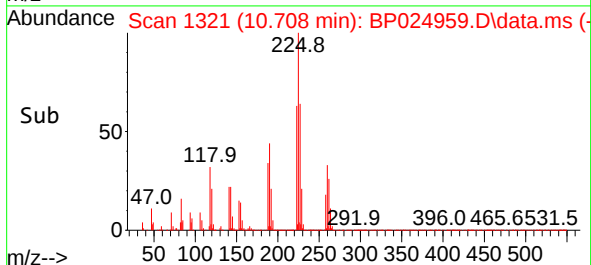
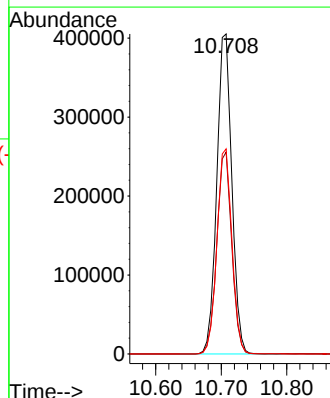
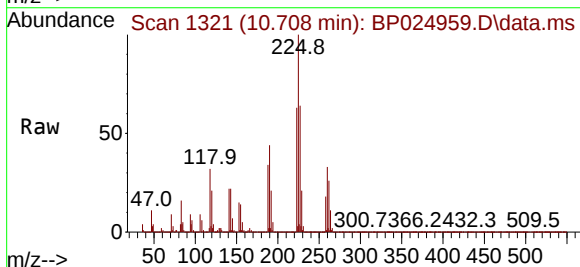
Tgt Ion:225 Resp: 642297

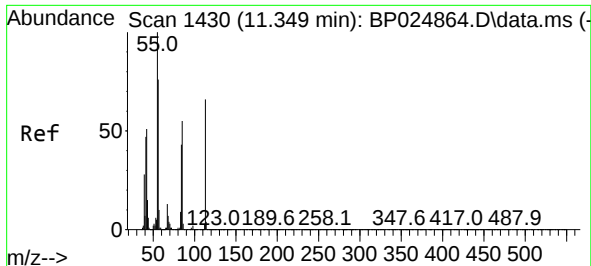
Ion Ratio Lower Upper

225 100

223 63.1 50.5 75.7

227 64.1 51.4 77.2

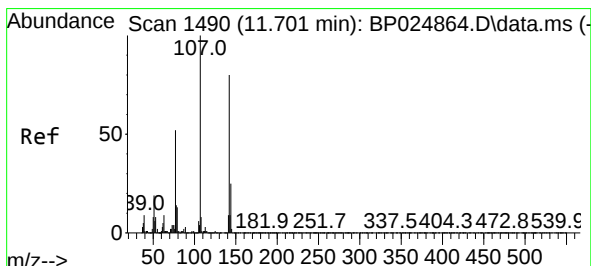
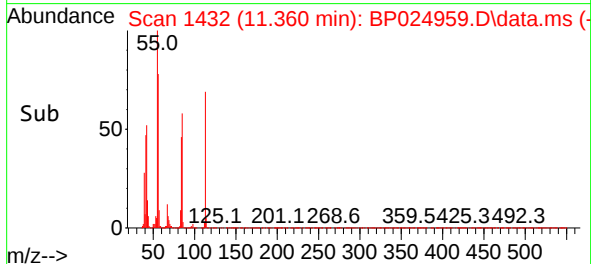
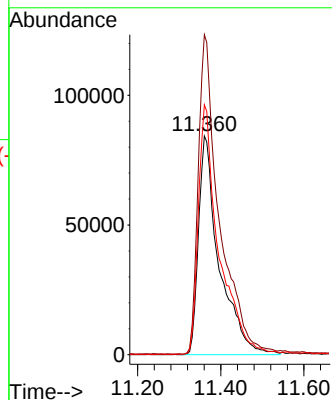
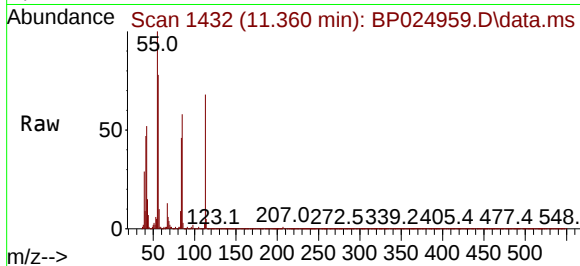




#35  
Caprolactam  
Concen: 42.281 ng  
RT: 11.360 min Scan# 1432  
Delta R.T. 0.012 min  
Lab File: BP024959.D  
Acq: 16 Jun 2025 13:36

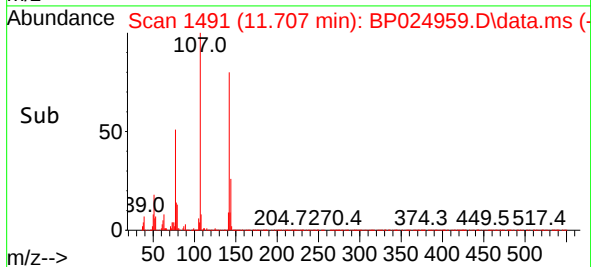
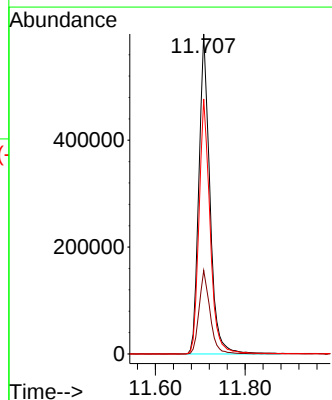
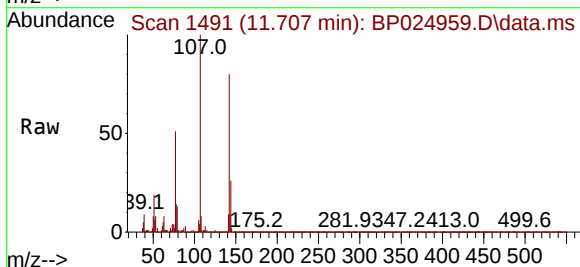
Instrument :  
BNA\_P  
ClientSampleId :  
PB168456BS

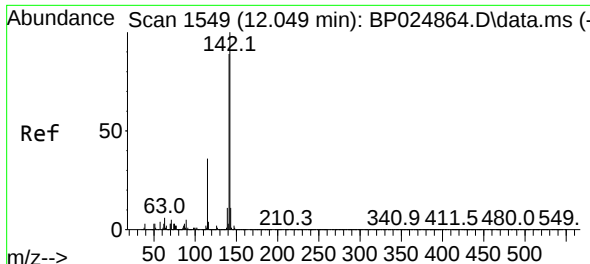
| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 113     | 100   |       |       |
| 55      | 146.3 | 132.5 | 172.5 |
| 56      | 114.2 | 96.0  | 136.0 |



#36  
4-Chloro-3-methylphenol  
Concen: 47.344 ng  
RT: 11.707 min Scan# 1491  
Delta R.T. 0.006 min  
Lab File: BP024959.D  
Acq: 16 Jun 2025 13:36

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 107     | 100   |       |       |
| 144     | 26.1  | 20.4  | 30.6  |
| 142     | 79.7  | 63.8  | 95.6  |

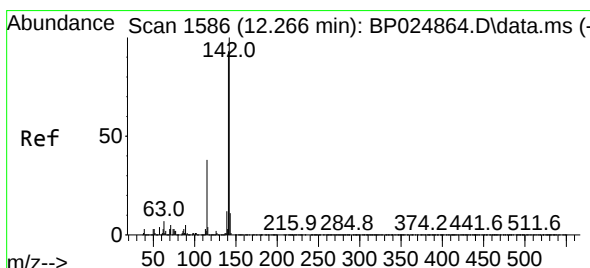
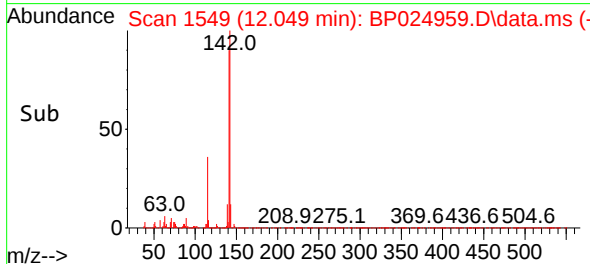
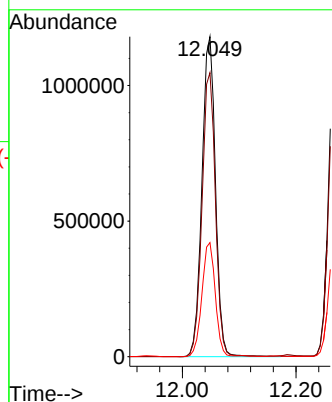
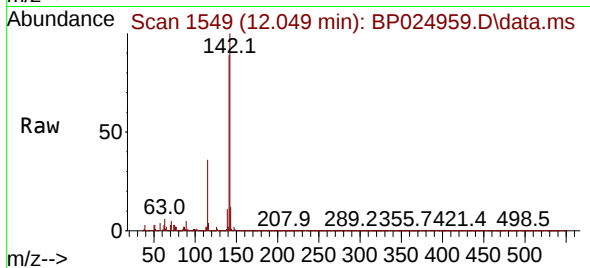




#37  
2-Methylnaphthalene  
Concen: 47.408 ng  
RT: 12.049 min Scan# 1549  
Delta R.T. 0.000 min  
Lab File: BP024959.D  
Acq: 16 Jun 2025 13:36

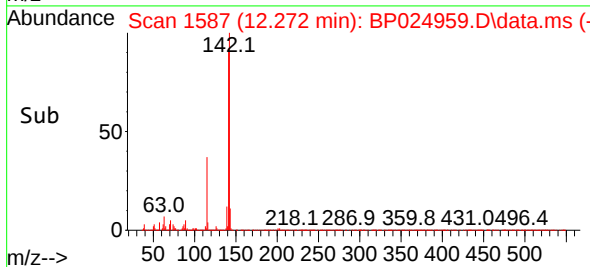
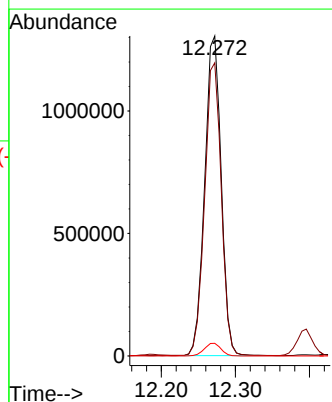
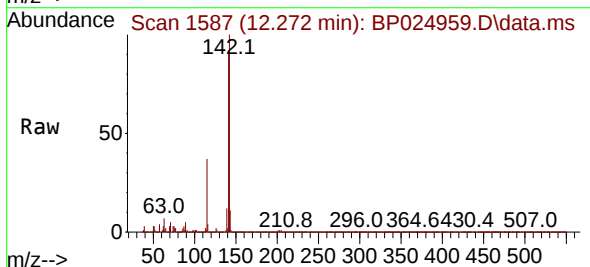
Instrument :  
BNA\_P  
ClientSampleId :  
PB168456BS

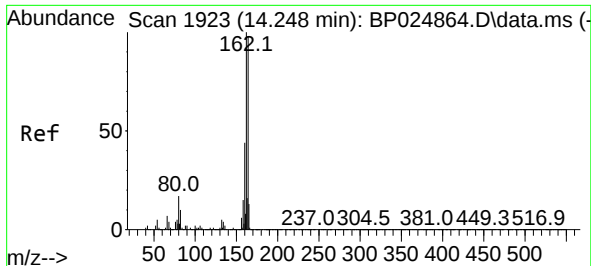
Tgt Ion:142 Resp: 1943163  
Ion Ratio Lower Upper  
142 100  
141 88.7 71.2 106.8  
115 35.6 28.5 42.7



#38  
1-Methylnaphthalene  
Concen: 46.088 ng  
RT: 12.272 min Scan# 1587  
Delta R.T. 0.006 min  
Lab File: BP024959.D  
Acq: 16 Jun 2025 13:36

Tgt Ion:142 Resp: 2019613  
Ion Ratio Lower Upper  
142 100  
141 91.6 74.7 112.1  
116 3.9 3.4 5.0

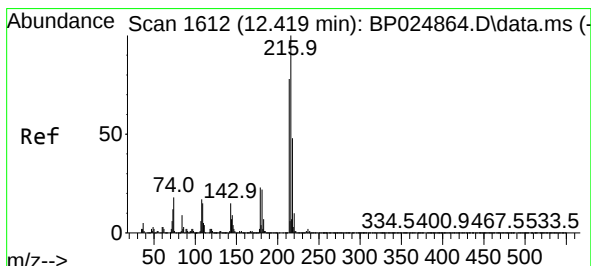
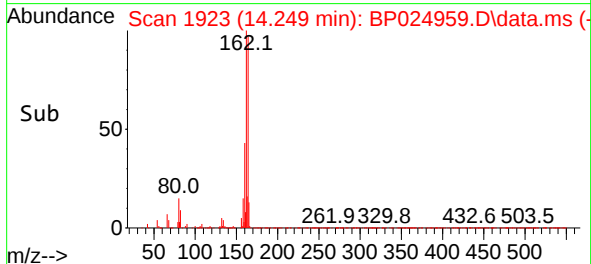
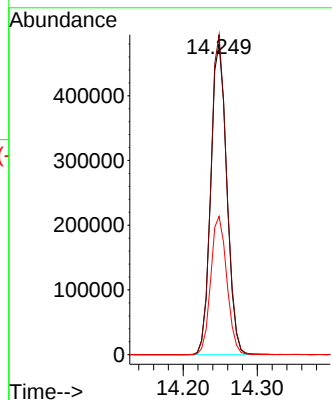
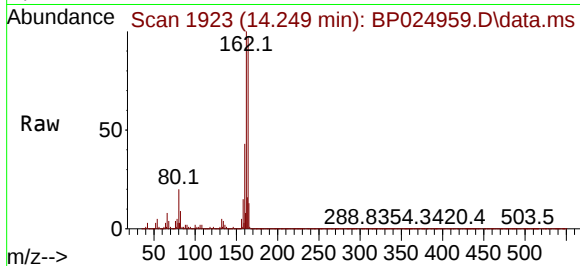




#39  
Acenaphthene-d10  
Concen: 20.000 ng  
RT: 14.249 min Scan# 1923  
Delta R.T. 0.000 min  
Lab File: BP024959.D  
Acq: 16 Jun 2025 13:36

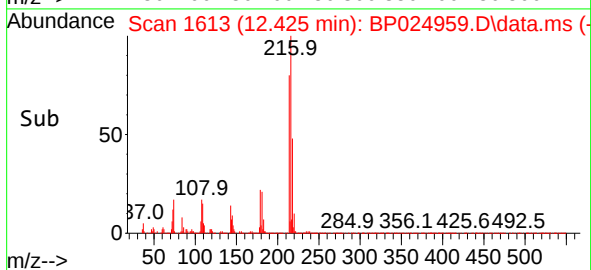
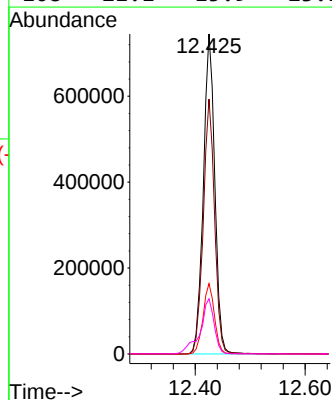
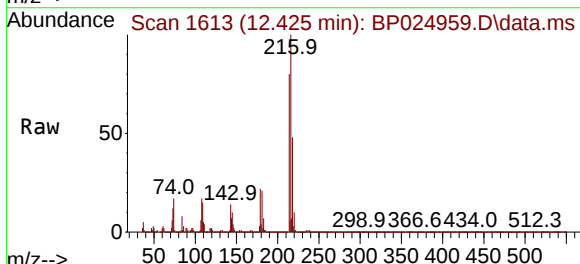
Instrument :  
BNA\_P  
ClientSampleId :  
PB168456BS

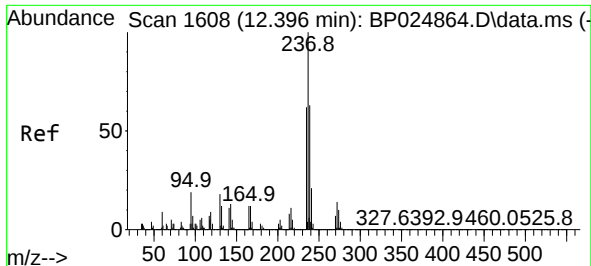
Tgt Ion:164 Resp: 718849  
Ion Ratio Lower Upper  
164 100  
162 102.9 81.6 122.4  
160 44.5 36.2 54.2



#40  
1,2,4,5-Tetrachlorobenzene  
Concen: 52.770 ng  
RT: 12.425 min Scan# 1613  
Delta R.T. 0.006 min  
Lab File: BP024959.D  
Acq: 16 Jun 2025 13:36

Tgt Ion:216 Resp: 1076394  
Ion Ratio Lower Upper  
216 100  
214 78.8 63.0 94.4  
179 22.0 17.8 26.6  
108 21.1 15.9 23.9

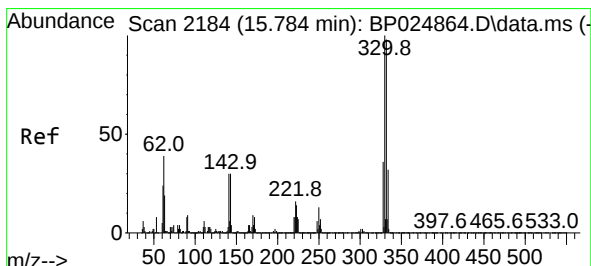
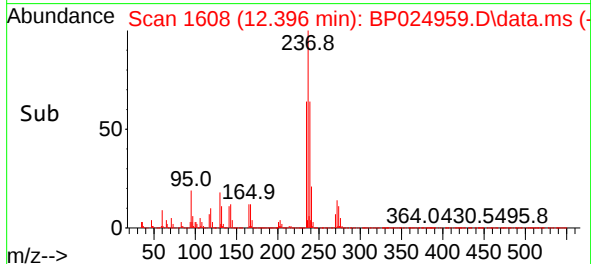
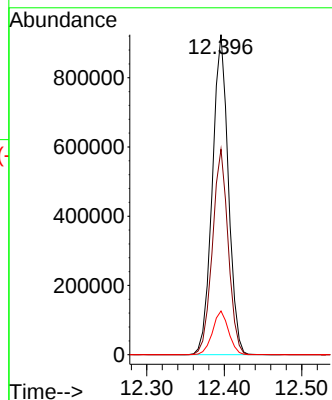
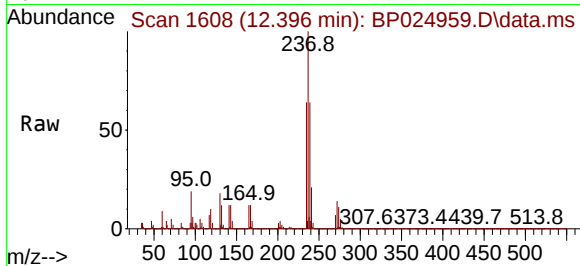




#41  
Hexachlorocyclopentadiene  
Concen: 106.442 ng  
RT: 12.396 min Scan# 1608  
Delta R.T. 0.000 min  
Lab File: BP024959.D  
Acq: 16 Jun 2025 13:36

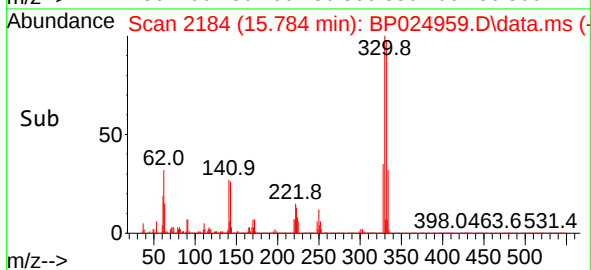
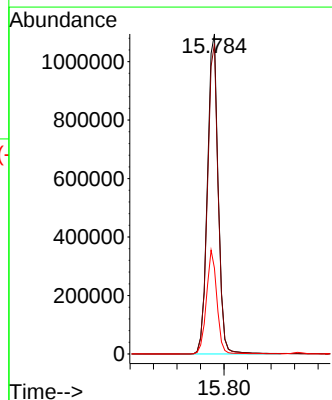
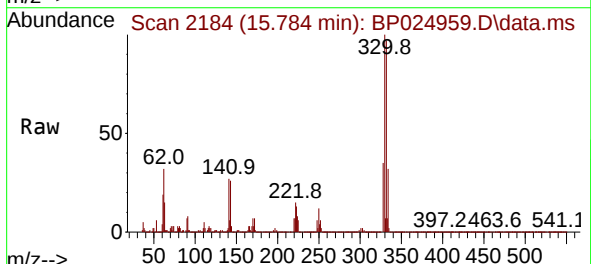
Instrument :  
BNA\_P  
ClientSampleId :  
PB168456BS

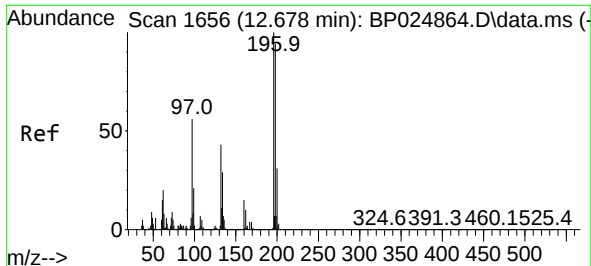
Tgt Ion:237 Resp: 1324279  
Ion Ratio Lower Upper  
237 100  
235 64.2 41.9 81.9  
272 13.6 0.0 33.7



#42  
2,4,6-Tribromophenol  
Concen: 139.643 ng  
RT: 15.784 min Scan# 2184  
Delta R.T. 0.000 min  
Lab File: BP024959.D  
Acq: 16 Jun 2025 13:36

Tgt Ion:330 Resp: 1387842  
Ion Ratio Lower Upper  
330 100  
332 96.9 77.7 116.5  
141 31.6 26.4 39.6

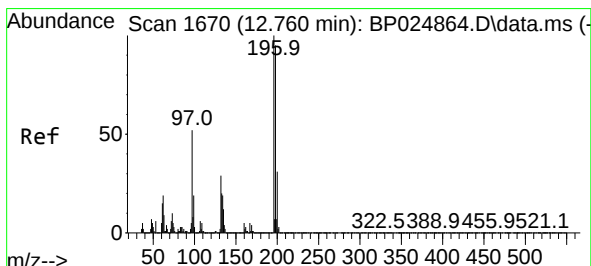
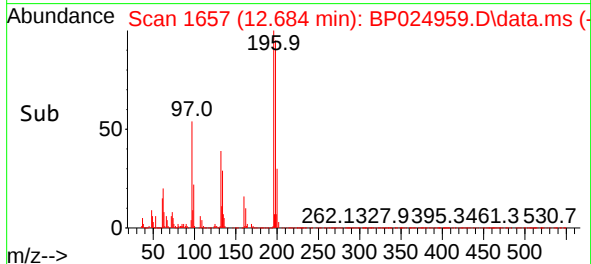
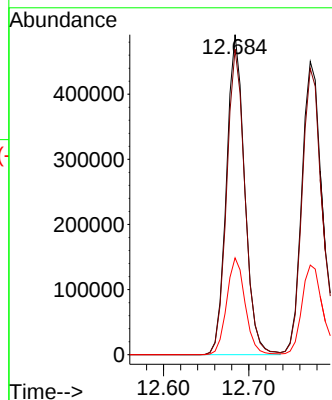
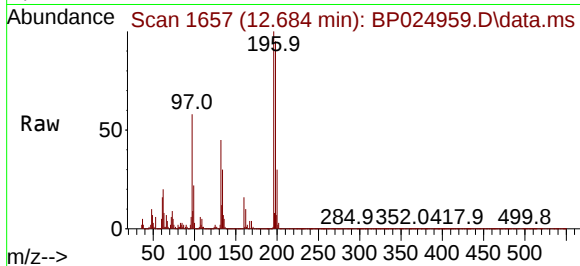




#43  
2,4,6-Trichlorophenol  
Concen: 53.249 ng  
RT: 12.684 min Scan# 1656  
Delta R.T. 0.006 min  
Lab File: BP024959.D  
Acq: 16 Jun 2025 13:36

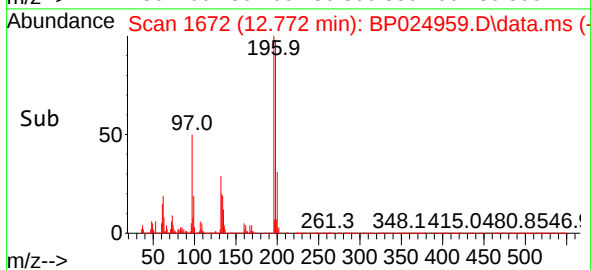
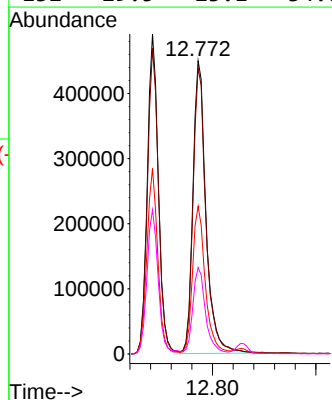
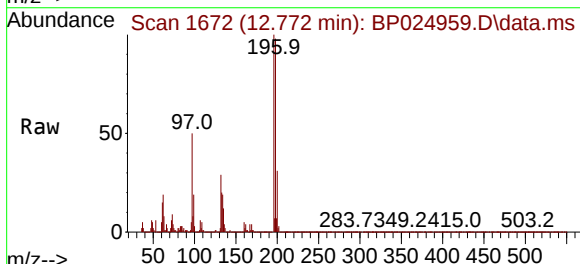
Instrument :  
BNA\_P  
ClientSampleId :  
PB168456BS

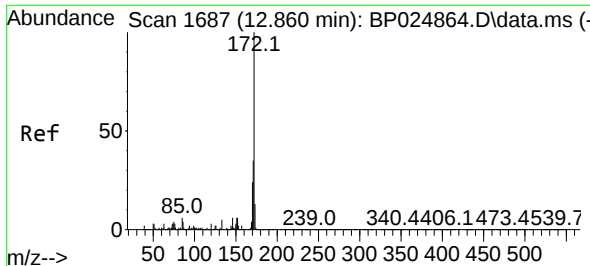
Tgt Ion:196 Resp: 729433  
Ion Ratio Lower Upper  
196 100  
198 95.5 75.4 113.0  
200 30.3 24.4 36.6



#44  
2,4,5-Trichlorophenol  
Concen: 53.989 ng  
RT: 12.772 min Scan# 1672  
Delta R.T. 0.012 min  
Lab File: BP024959.D  
Acq: 16 Jun 2025 13:36

Tgt Ion:196 Resp: 792022  
Ion Ratio Lower Upper  
196 100  
198 97.6 76.0 114.0  
97 50.4 41.5 62.3  
132 29.5 23.1 34.7

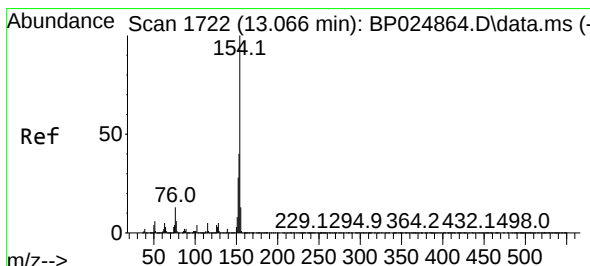
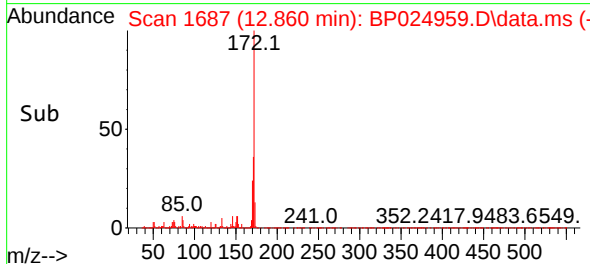
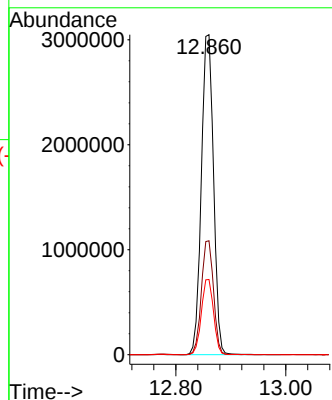
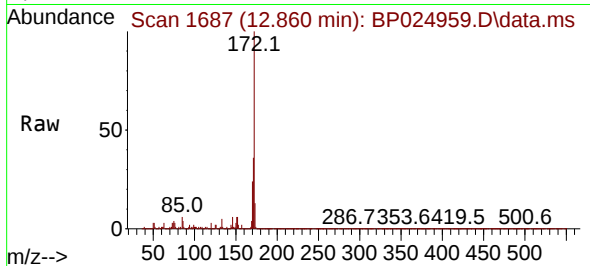




#45  
2-Fluorobiphenyl  
Concen: 87.989 ng  
RT: 12.860 min Scan# 1687  
Delta R.T. 0.000 min  
Lab File: BP024959.D  
Acq: 16 Jun 2025 13:36

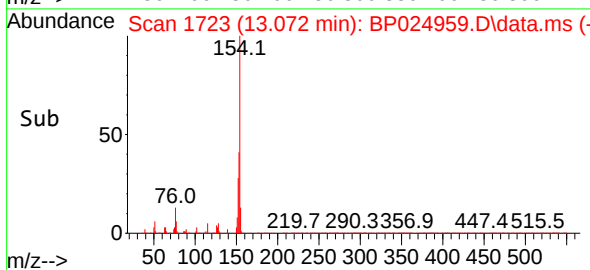
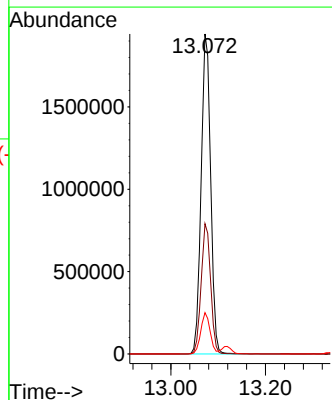
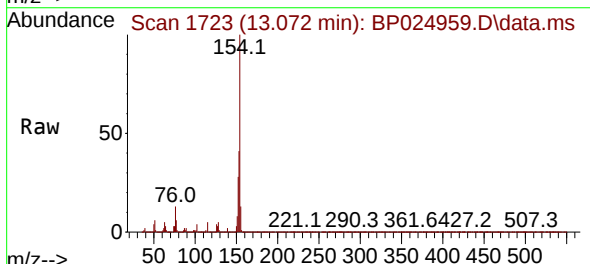
Instrument :  
BNA\_P  
ClientSampleId :  
PB168456BS

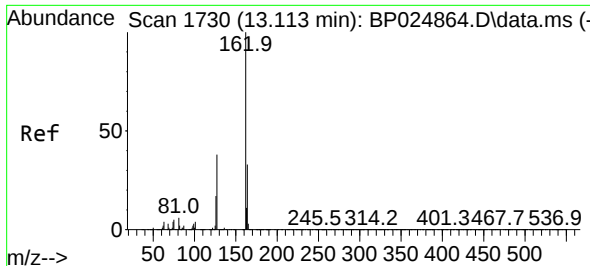
Tgt Ion:172 Resp: 4695276  
Ion Ratio Lower Upper  
172 100  
171 35.6 28.3 42.5  
170 23.5 19.0 28.4



#46  
1,1'-Biphenyl  
Concen: 51.625 ng  
RT: 13.072 min Scan# 1723  
Delta R.T. 0.006 min  
Lab File: BP024959.D  
Acq: 16 Jun 2025 13:36

Tgt Ion:154 Resp: 2696914  
Ion Ratio Lower Upper  
154 100  
153 40.7 20.3 60.3  
76 12.9 0.0 33.0

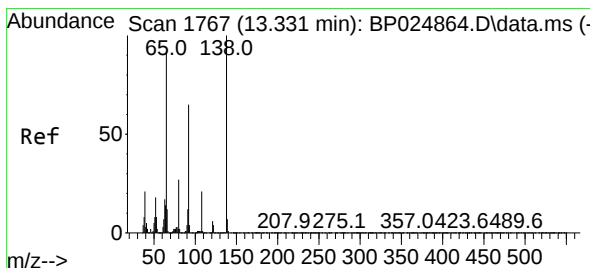
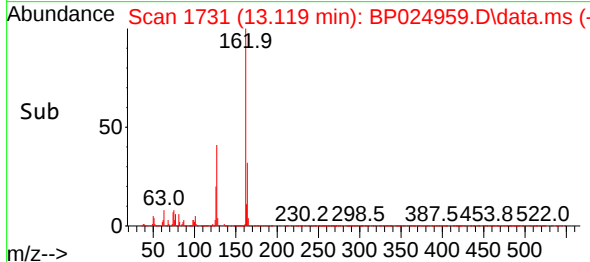
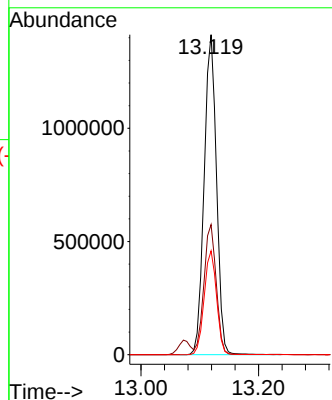
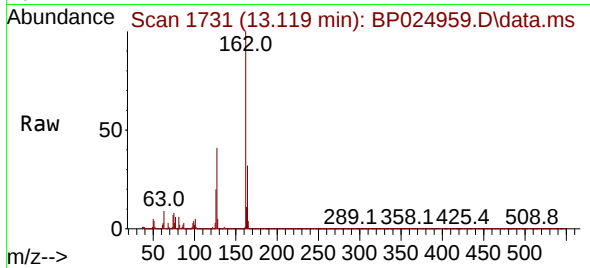




#47  
2-Chloronaphthalene  
Concen: 51.571 ng  
RT: 13.119 min Scan# 1730  
Delta R.T. 0.006 min  
Lab File: BP024959.D  
Acq: 16 Jun 2025 13:36

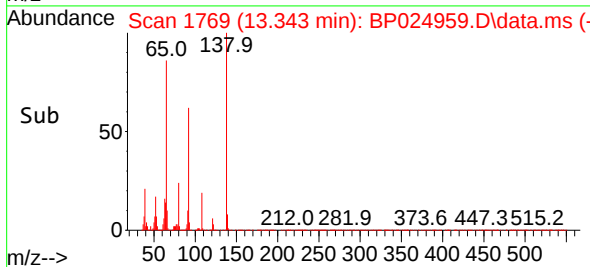
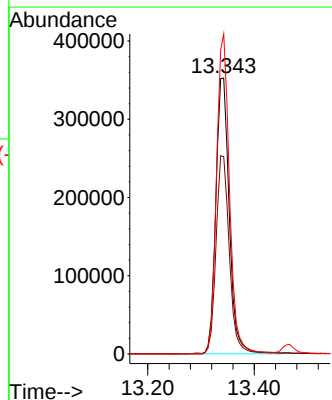
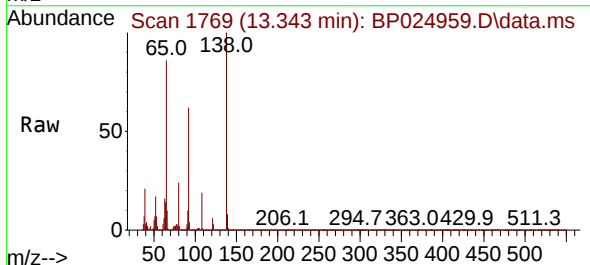
Instrument :  
BNA\_P  
ClientSampleId :  
PB168456BS

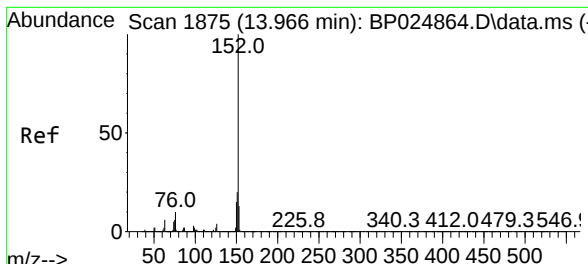
Tgt Ion:162 Resp: 2070610  
Ion Ratio Lower Upper  
162 100  
127 40.6 32.5 48.7  
164 32.5 26.2 39.2



#48  
2-Nitroaniline  
Concen: 50.026 ng  
RT: 13.343 min Scan# 1769  
Delta R.T. 0.012 min  
Lab File: BP024959.D  
Acq: 16 Jun 2025 13:36

Tgt Ion: 65 Resp: 617505  
Ion Ratio Lower Upper  
65 100  
92 71.6 56.8 85.2  
138 116.0 86.9 130.3



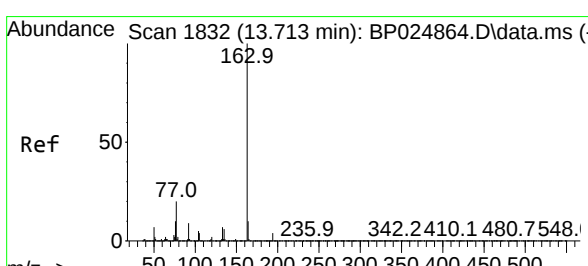
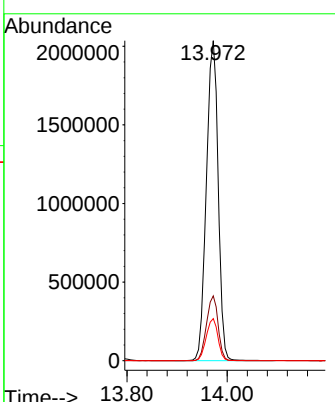
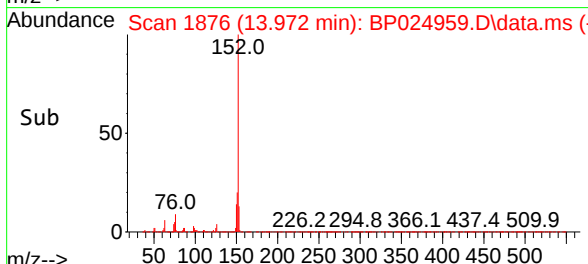
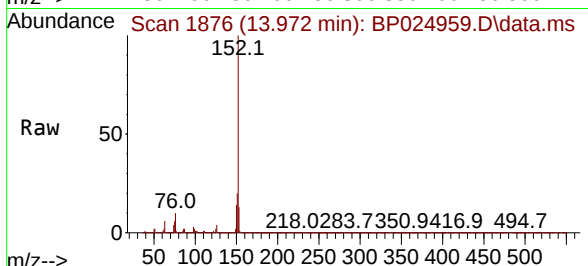


#49  
 Acenaphthylene  
 Concen: 49.477 ng  
 RT: 13.972 min Scan# 1876  
 Delta R.T. 0.006 min  
 Lab File: BP024959.D  
 Acq: 16 Jun 2025 13:36

Instrument : BNA\_P  
 ClientSampleId : PB168456BS

Tgt Ion:152 Resp: 3312325

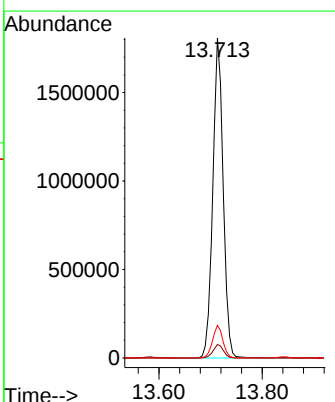
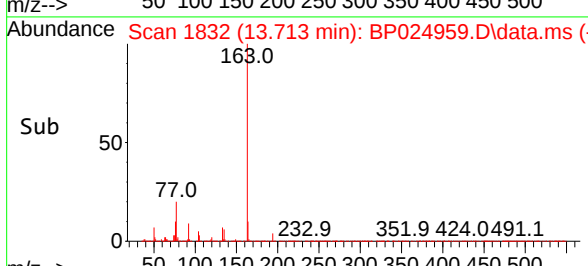
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 152 | 100   |       |       |
| 151 | 20.3  | 16.2  | 24.2  |
| 153 | 13.1  | 10.6  | 15.8  |

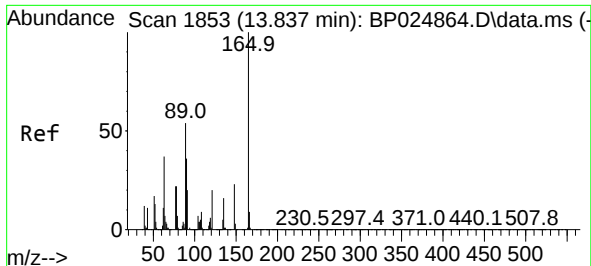


#50  
 Dimethylphthalate  
 Concen: 47.351 ng  
 RT: 13.713 min Scan# 1832  
 Delta R.T. 0.000 min  
 Lab File: BP024959.D  
 Acq: 16 Jun 2025 13:36

Tgt Ion:163 Resp: 2510961

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 163 | 100   |       |       |
| 194 | 4.2   | 3.4   | 5.0   |
| 164 | 10.2  | 8.0   | 12.0  |

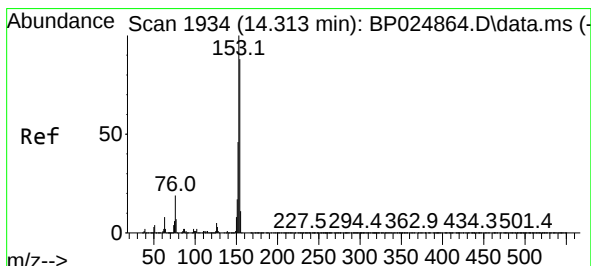
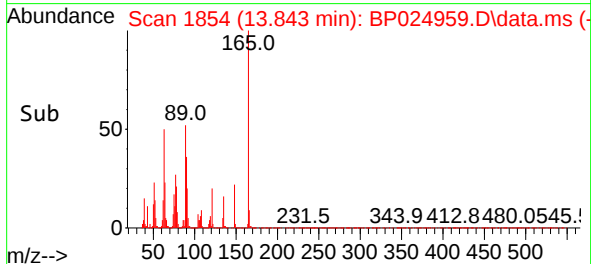
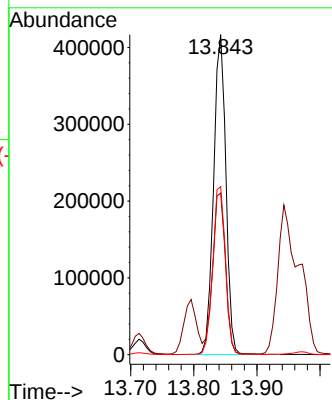
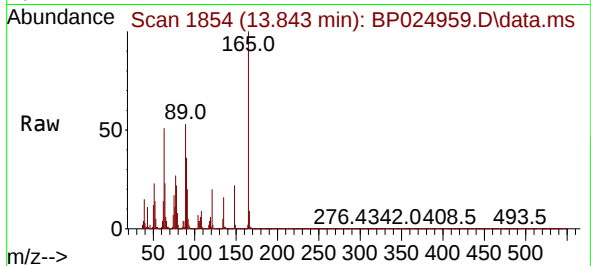




#51  
2,6-Dinitrotoluene  
Concen: 49.245 ng  
RT: 13.843 min Scan# 1854  
Delta R.T. 0.006 min  
Lab File: BP024959.D  
Acq: 16 Jun 2025 13:36

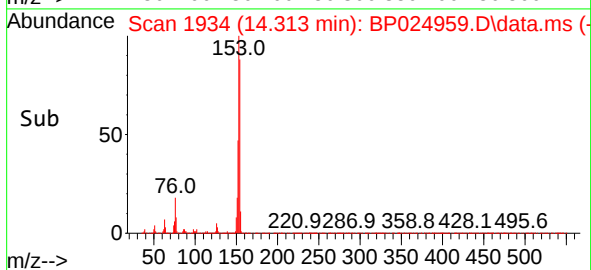
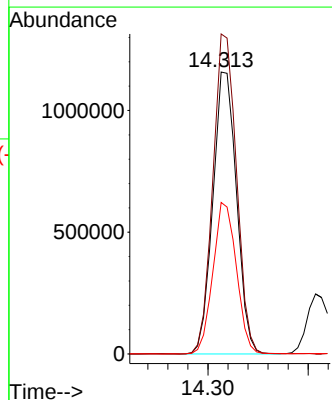
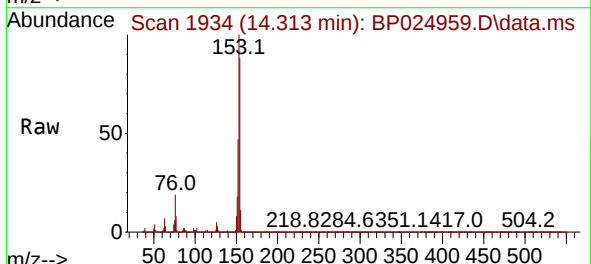
Instrument :  
BNA\_P  
ClientSampleId :  
PB168456BS

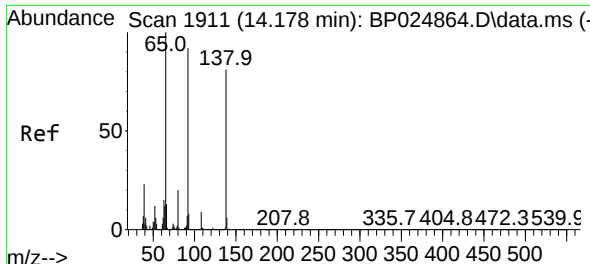
Tgt Ion:165 Resp: 562957  
Ion Ratio Lower Upper  
165 100  
63 50.5 41.8 62.8  
89 52.5 43.1 64.7



#52  
Acenaphthene  
Concen: 49.537 ng  
RT: 14.313 min Scan# 1934  
Delta R.T. 0.000 min  
Lab File: BP024959.D  
Acq: 16 Jun 2025 13:36

Tgt Ion:154 Resp: 1900355  
Ion Ratio Lower Upper  
154 100  
153 113.5 90.5 135.7  
152 53.7 42.1 63.1

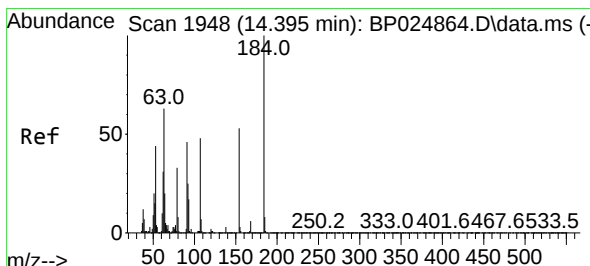
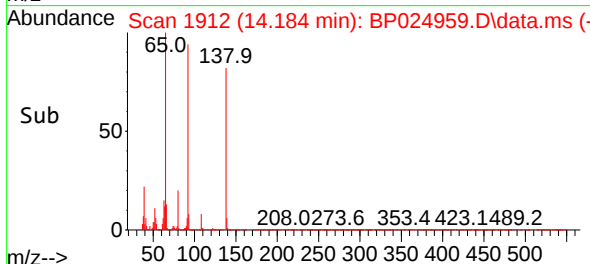
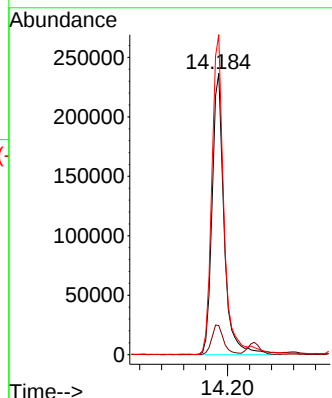
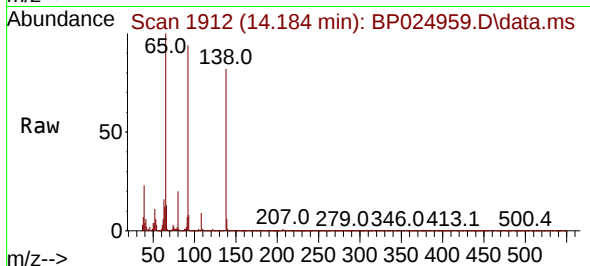




#53  
3-Nitroaniline  
Concen: 30.191 ng  
RT: 14.184 min Scan# 1911  
Delta R.T. 0.006 min  
Lab File: BP024959.D  
Acq: 16 Jun 2025 13:36

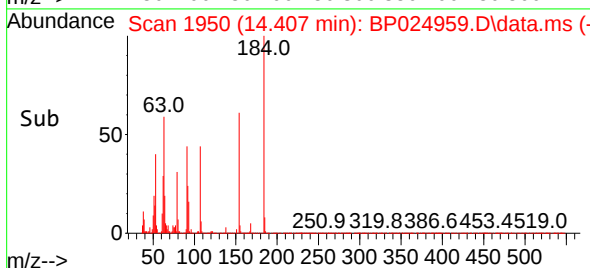
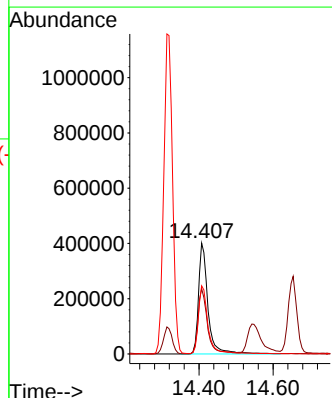
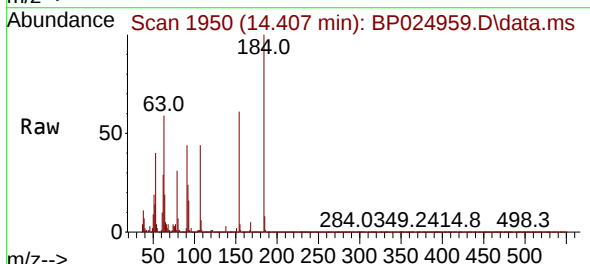
Instrument :  
BNA\_P  
ClientSampleId :  
PB168456BS

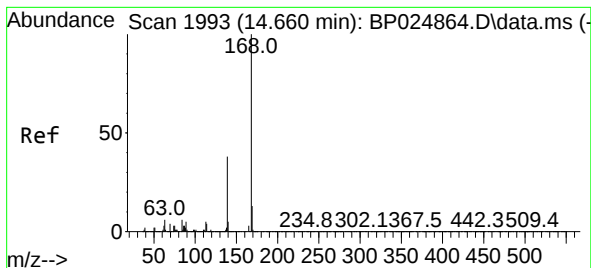
Tgt Ion:138 Resp: 358175  
Ion Ratio Lower Upper  
138 100  
108 10.4 8.6 12.8  
92 113.8 91.3 136.9



#54  
2,4-Dinitrophenol  
Concen: 94.198 ng  
RT: 14.407 min Scan# 1950  
Delta R.T. 0.012 min  
Lab File: BP024959.D  
Acq: 16 Jun 2025 13:36

Tgt Ion:184 Resp: 709102  
Ion Ratio Lower Upper  
184 100  
63 58.9 51.0 76.4  
154 61.4 51.7 77.5





#55

Dibenzofuran

Concen: 47.939 ng

RT: 14.660 min Scan# 1993

Delta R.T. 0.000 min

Lab File: BP024959.D

Acq: 16 Jun 2025 13:36

Instrument :

BNA\_P

ClientSampleId :

PB168456BS

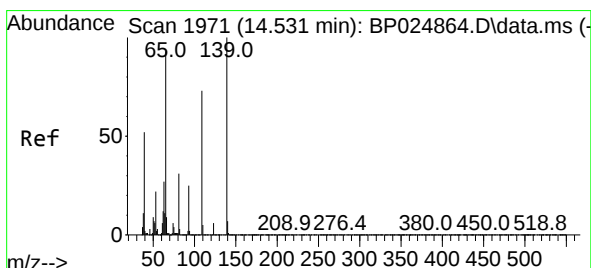
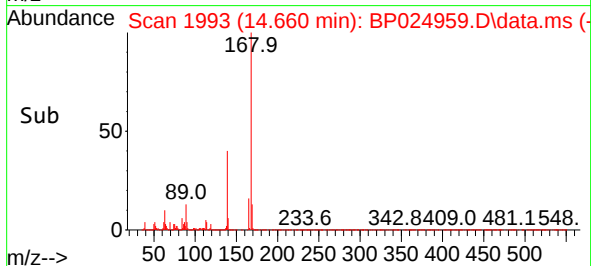
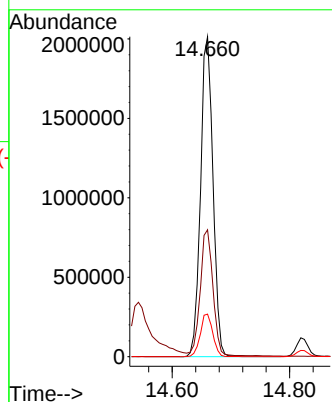
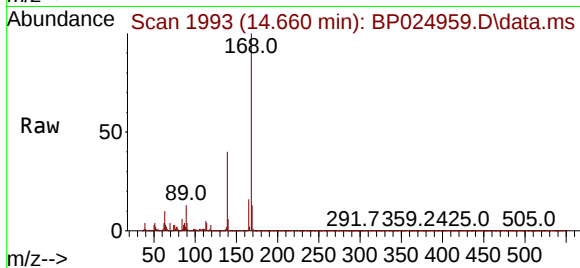
Tgt Ion:168 Resp: 2952003

Ion Ratio Lower Upper

168 100

139 39.7 31.6 47.4

169 13.3 10.6 15.8



#56

4-Nitrophenol

Concen: 82.788 ng

RT: 14.543 min Scan# 1973

Delta R.T. 0.012 min

Lab File: BP024959.D

Acq: 16 Jun 2025 13:36

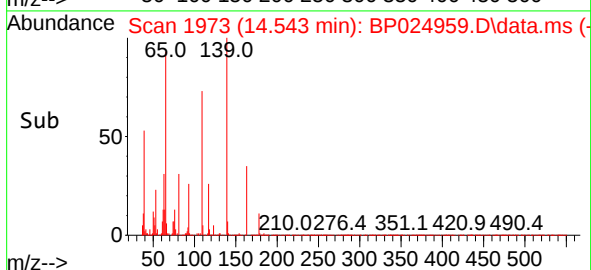
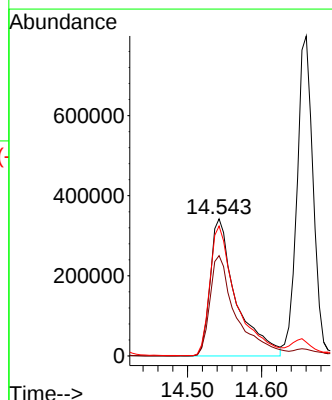
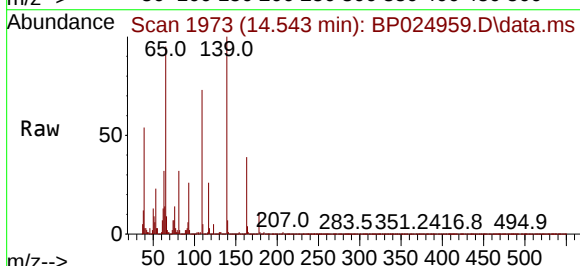
Tgt Ion:139 Resp: 833506

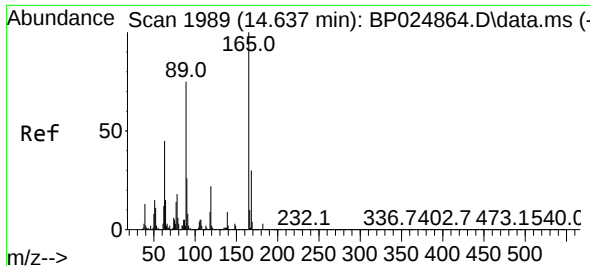
Ion Ratio Lower Upper

139 100

109 73.1 53.1 93.1

65 94.7 73.0 113.0

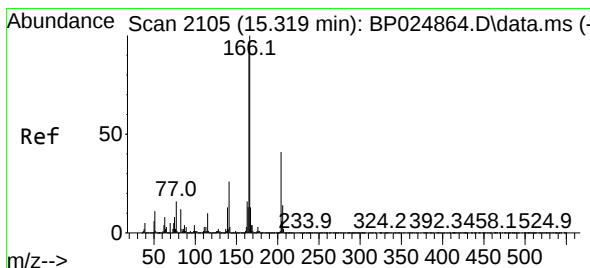
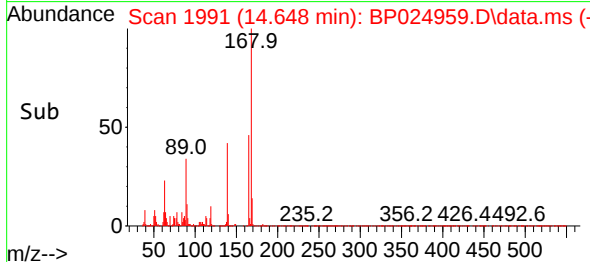
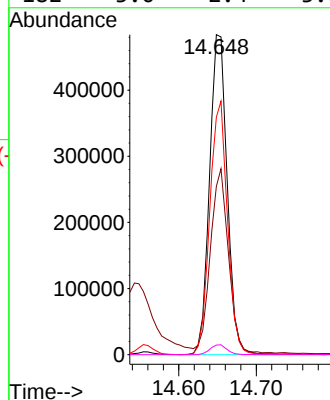
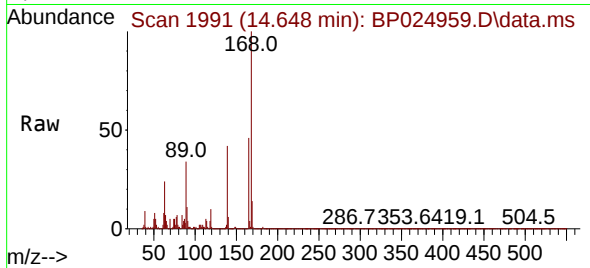




#57  
2,4-Dinitrotoluene  
Concen: 47.833 ng  
RT: 14.648 min Scan# 1989  
Delta R.T. 0.011 min  
Lab File: BP024959.D  
Acq: 16 Jun 2025 13:36

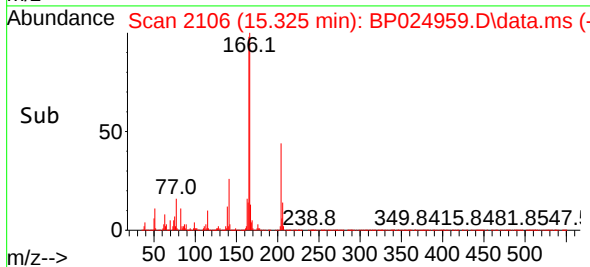
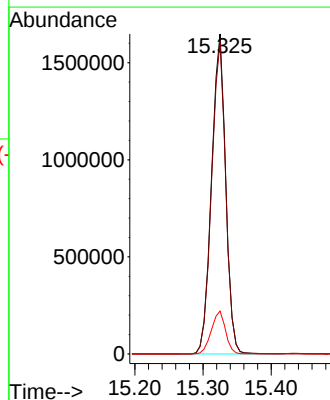
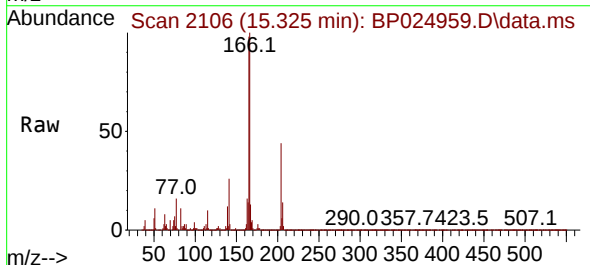
Instrument :  
BNA\_P  
ClientSampleId :  
PB168456BS

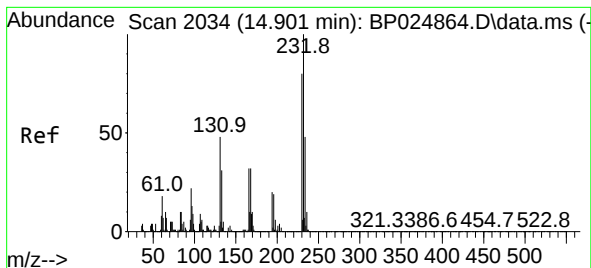
|     |         |       |        |
|-----|---------|-------|--------|
| Tgt | Ion:165 | Resp: | 764915 |
| Ion | Ratio   | Lower | Upper  |
| 165 | 100     |       |        |
| 63  | 52.6    | 37.0  | 55.6   |
| 89  | 74.2    | 60.1  | 90.1   |
| 182 | 3.0     | 2.4   | 3.6    |



#58  
Fluorene  
Concen: 47.666 ng  
RT: 15.325 min Scan# 2106  
Delta R.T. 0.006 min  
Lab File: BP024959.D  
Acq: 16 Jun 2025 13:36

|     |         |       |         |
|-----|---------|-------|---------|
| Tgt | Ion:166 | Resp: | 2371123 |
| Ion | Ratio   | Lower | Upper   |
| 166 | 100     |       |         |
| 165 | 97.6    | 77.7  | 116.5   |
| 167 | 13.4    | 10.6  | 16.0    |

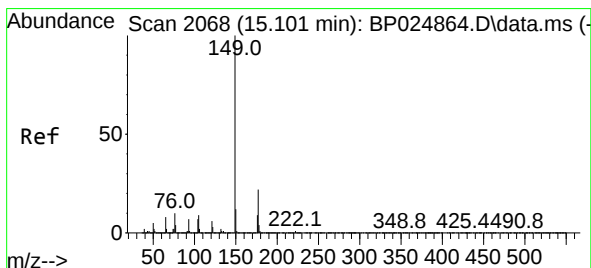
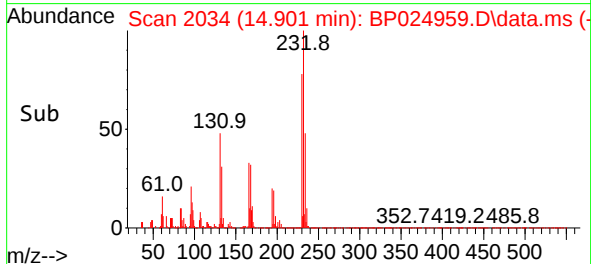
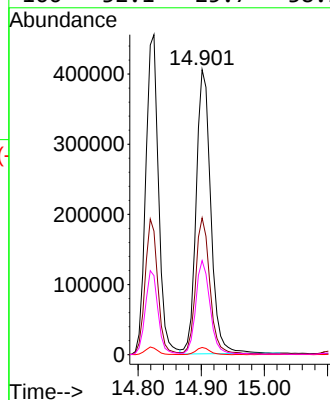
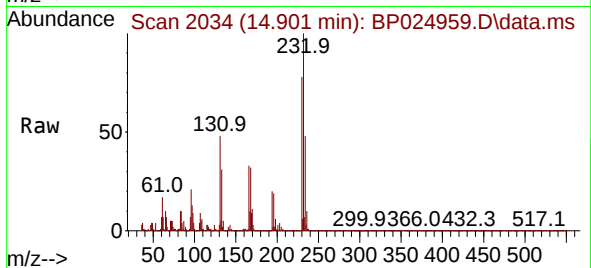




#59  
2,3,4,6-Tetrachlorophenol  
Concen: 49.648 ng  
RT: 14.901 min Scan# 2034  
Delta R.T. 0.000 min  
Lab File: BP024959.D  
Acq: 16 Jun 2025 13:36

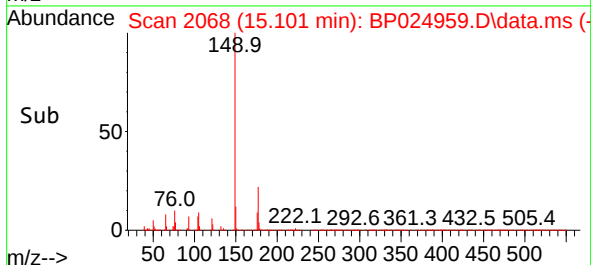
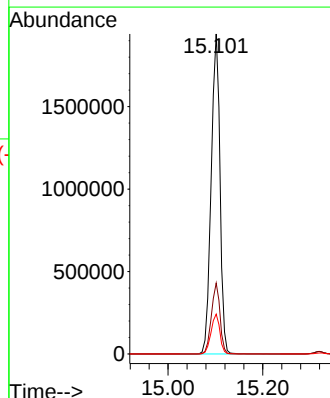
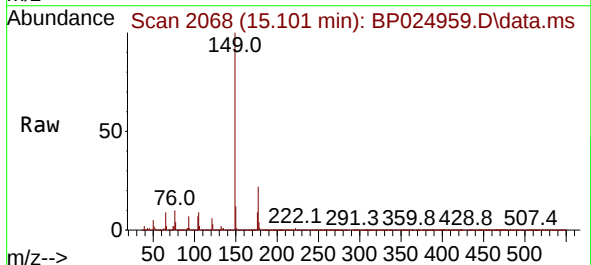
Instrument :  
BNA\_P  
ClientSampleId :  
PB168456BS

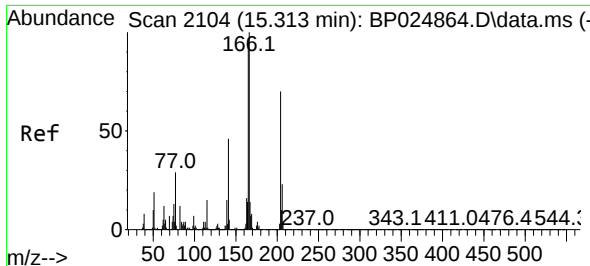
Tgt Ion:232 Resp: 650753  
Ion Ratio Lower Upper  
232 100  
131 46.8 38.2 57.2  
130 2.5 2.1 3.1  
166 32.1 25.7 38.5



#60  
Diethylphthalate  
Concen: 47.302 ng  
RT: 15.101 min Scan# 2068  
Delta R.T. 0.000 min  
Lab File: BP024959.D  
Acq: 16 Jun 2025 13:36

Tgt Ion:149 Resp: 2499846  
Ion Ratio Lower Upper  
149 100  
177 22.1 17.9 26.9  
150 12.5 9.8 14.6

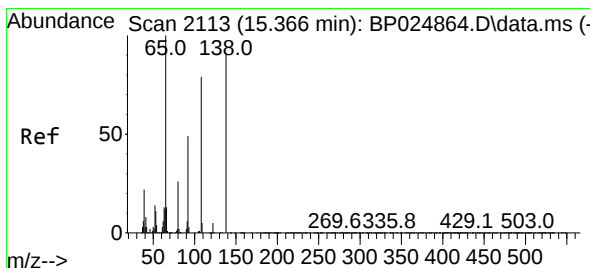
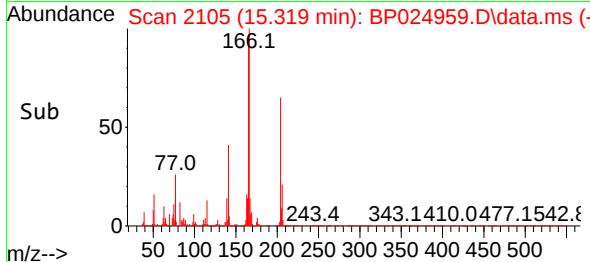
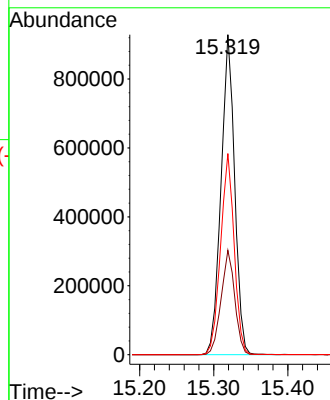
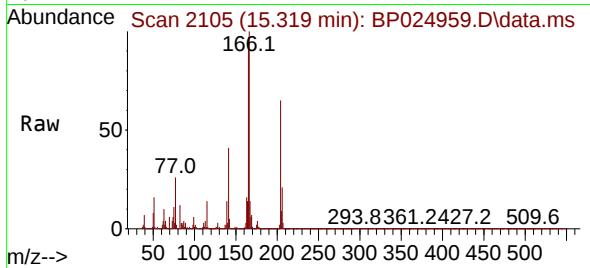




#61  
4-Chlorophenyl-phenylether  
Concen: 48.755 ng  
RT: 15.319 min Scan# 2104  
Delta R.T. 0.006 min  
Lab File: BP024959.D  
Acq: 16 Jun 2025 13:36

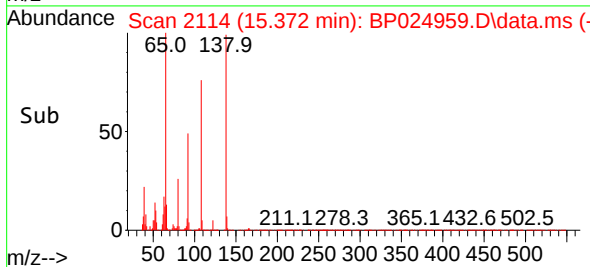
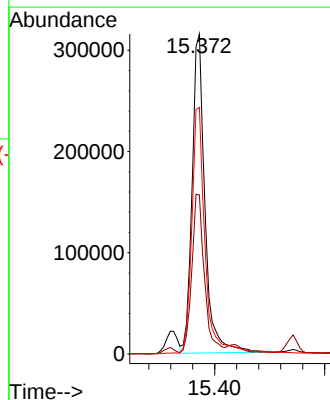
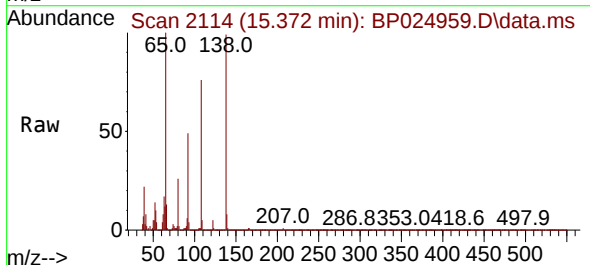
Instrument :  
BNA\_P  
ClientSampleId :  
PB168456BS

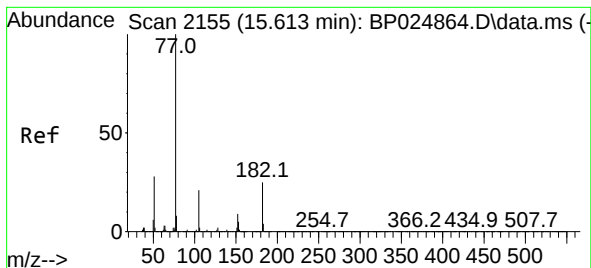
Tgt Ion:204 Resp: 1185863  
Ion Ratio Lower Upper  
204 100  
206 32.6 26.6 40.0  
141 62.8 52.4 78.6



#62  
4-Nitroaniline  
Concen: 47.516 ng  
RT: 15.372 min Scan# 2114  
Delta R.T. 0.006 min  
Lab File: BP024959.D  
Acq: 16 Jun 2025 13:36

Tgt Ion:138 Resp: 511114  
Ion Ratio Lower Upper  
138 100  
92 49.7 33.5 73.5  
108 77.1 65.1 105.1





#63

Azobenzene

Concen: 47.961 ng

RT: 15.619 min Scan# 2155

Delta R.T. 0.006 min

Lab File: BP024959.D

Acq: 16 Jun 2025 13:36

Instrument :

BNA\_P

ClientSampleId :

PB168456BS

Tgt Ion: 77 Resp: 2324635

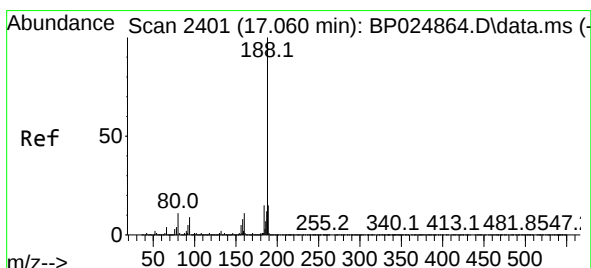
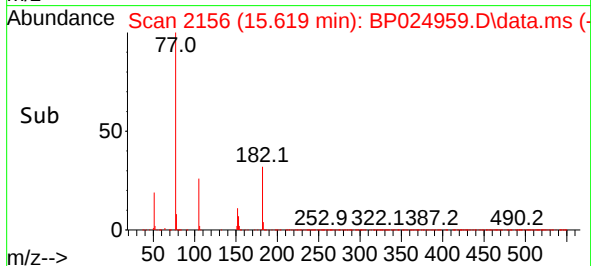
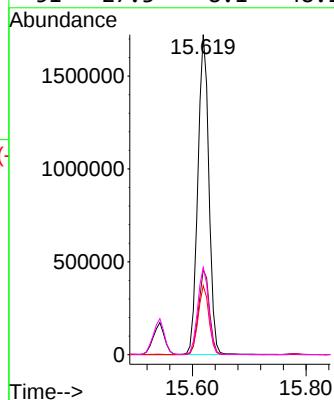
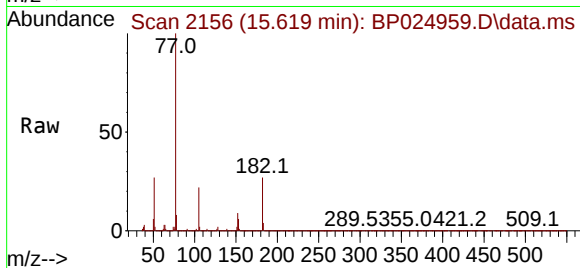
Ion Ratio Lower Upper

77 100

182 26.5 5.4 45.4

105 21.5 0.8 40.8

51 27.3 8.1 48.1



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.054 min Scan# 2400

Delta R.T. -0.006 min

Lab File: BP024959.D

Acq: 16 Jun 2025 13:36

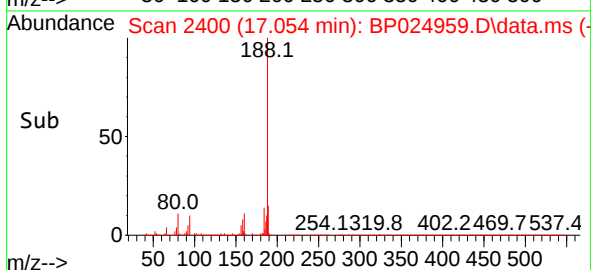
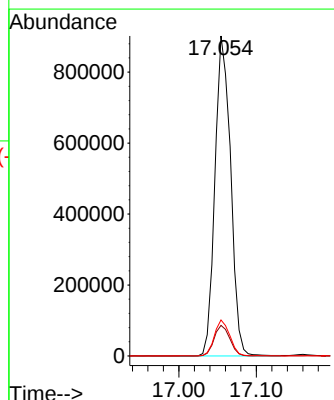
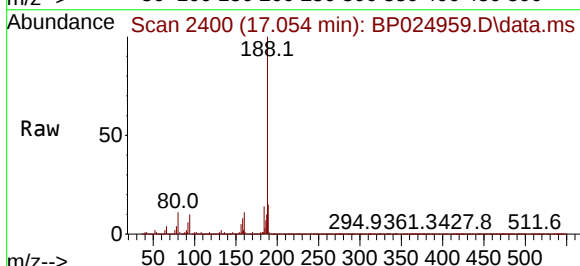
Tgt Ion:188 Resp: 1268587

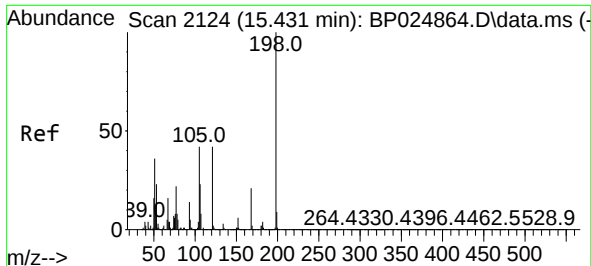
Ion Ratio Lower Upper

188 100

94 9.5 7.3 10.9

80 11.2 8.5 12.7

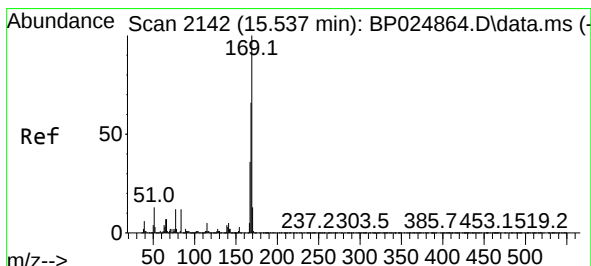
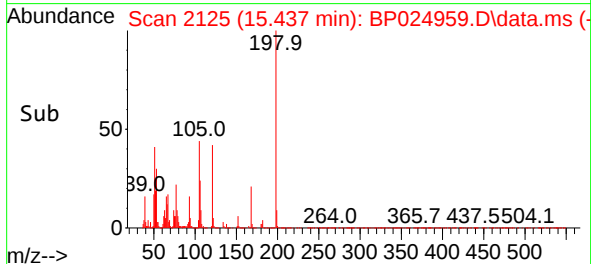
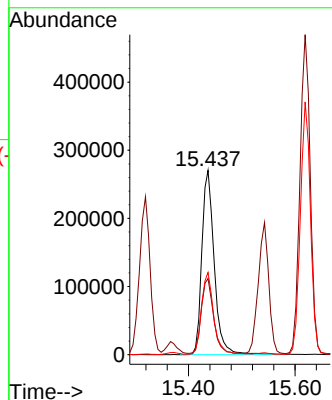
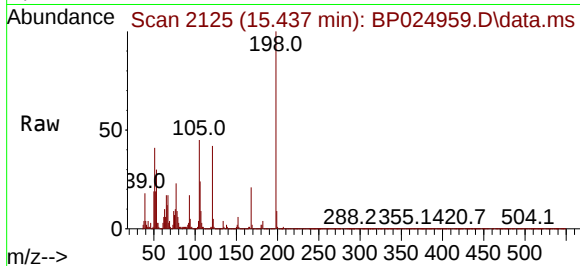




#65  
4,6-Dinitro-2-methylphenol  
Concen: 52.339 ng  
RT: 15.437 min Scan# 2125  
Delta R.T. 0.006 min  
Lab File: BP024959.D  
Acq: 16 Jun 2025 13:36

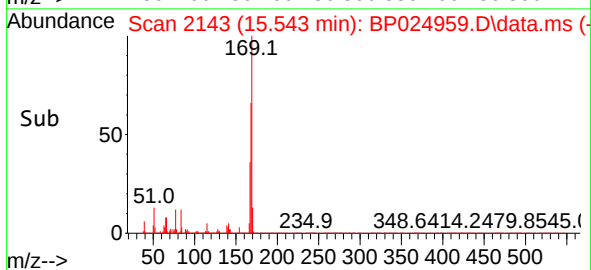
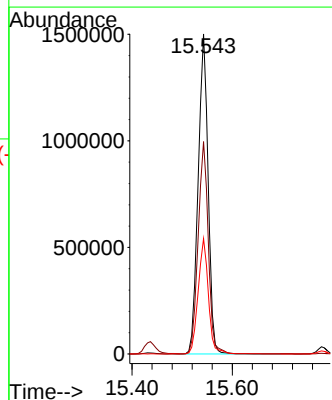
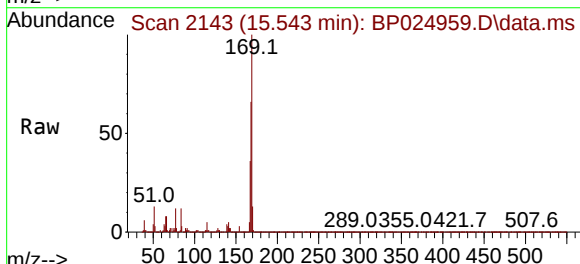
Instrument :  
BNA\_P  
ClientSampleId :  
PB168456BS

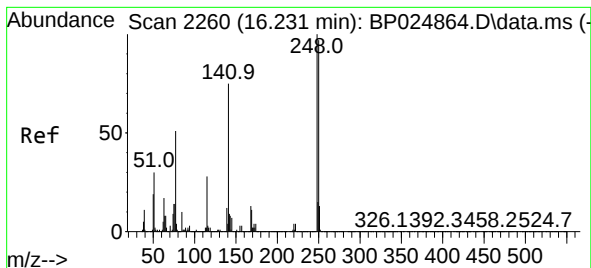
Tgt Ion:198 Resp: 436282  
Ion Ratio Lower Upper  
198 100  
51 41.3 19.2 59.2  
105 44.6 22.6 62.6



#66  
n-Nitrosodiphenylamine  
Concen: 52.436 ng  
RT: 15.543 min Scan# 2143  
Delta R.T. 0.006 min  
Lab File: BP024959.D  
Acq: 16 Jun 2025 13:36

Tgt Ion:169 Resp: 2061801  
Ion Ratio Lower Upper  
169 100  
168 66.4 53.0 79.6  
167 36.1 28.6 43.0

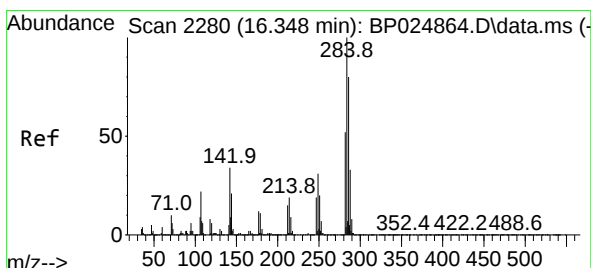
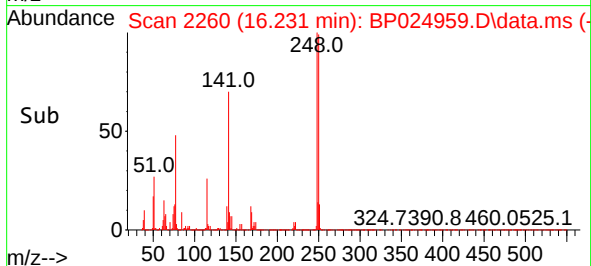
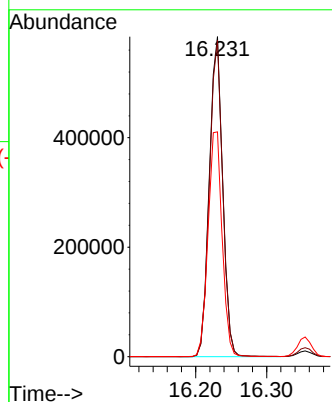
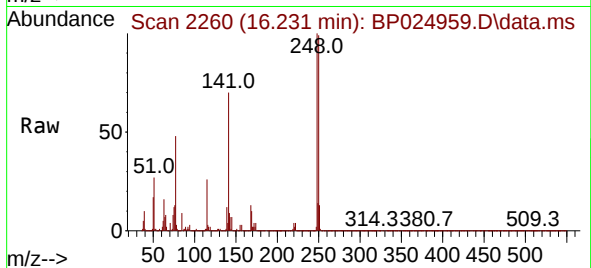




#67  
4-Bromophenyl-phenylether  
Concen: 53.528 ng  
RT: 16.231 min Scan# 21  
Delta R.T. 0.000 min  
Lab File: BP024959.D  
Acq: 16 Jun 2025 13:36

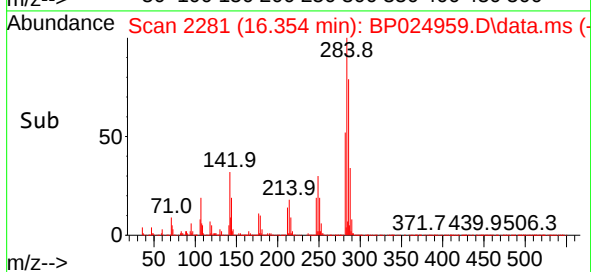
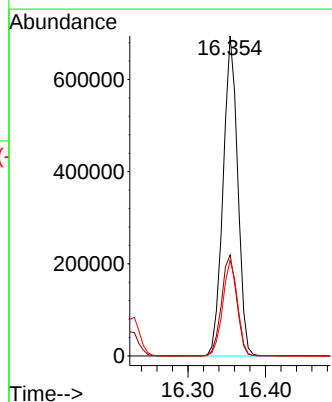
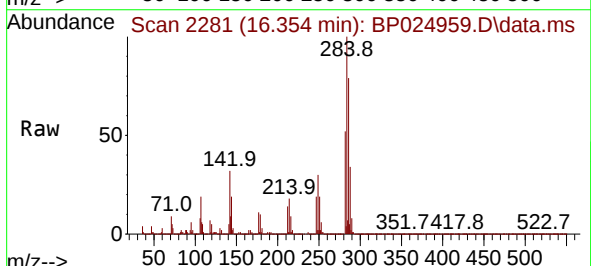
Instrument :  
BNA\_P  
ClientSampleId :  
PB168456BS

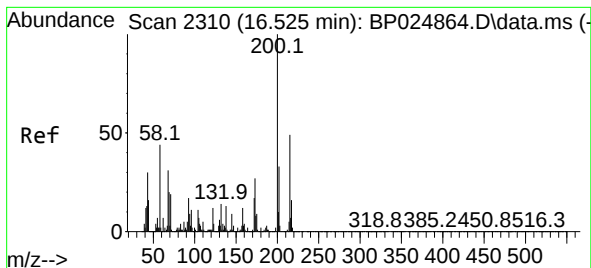
Tgt Ion:248 Resp: 766194  
Ion Ratio Lower Upper  
248 100  
250 98.9 77.4 116.2  
141 70.2 59.9 89.9



#68  
Hexachlorobenzene  
Concen: 52.475 ng  
RT: 16.354 min Scan# 2281  
Delta R.T. 0.006 min  
Lab File: BP024959.D  
Acq: 16 Jun 2025 13:36

Tgt Ion:284 Resp: 910568  
Ion Ratio Lower Upper  
284 100  
142 31.6 27.0 40.6  
249 30.0 25.0 37.6





#69

Atrazine

Concen: 50.896 ng

RT: 16.519 min Scan# 21

Delta R.T. -0.006 min

Lab File: BP024959.D

Acq: 16 Jun 2025 13:36

Instrument :

BNA\_P

ClientSampleId :

PB168456BS

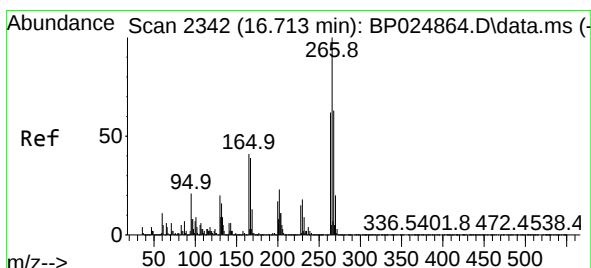
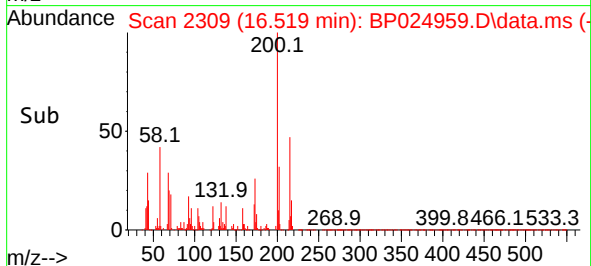
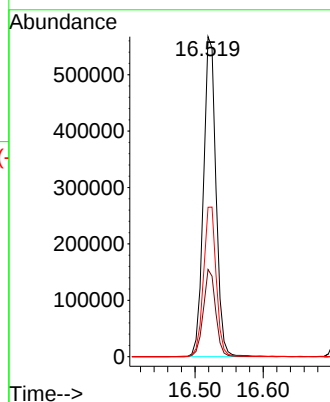
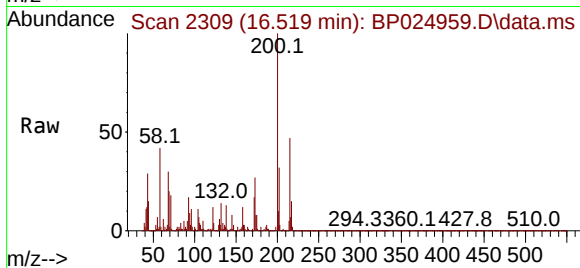
Tgt Ion:200 Resp: 725483

Ion Ratio Lower Upper

200 100

173 27.2 6.9 46.9

215 46.7 28.7 68.7



#70

Pentachlorophenol

Concen: 117.873 ng

RT: 16.719 min Scan# 2343

Delta R.T. 0.006 min

Lab File: BP024959.D

Acq: 16 Jun 2025 13:36

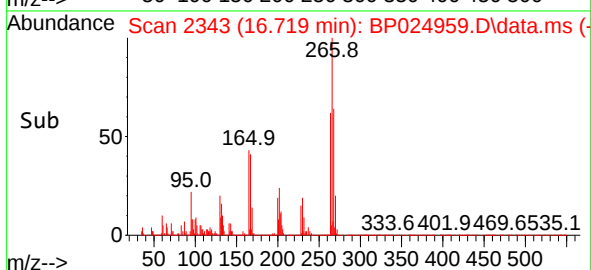
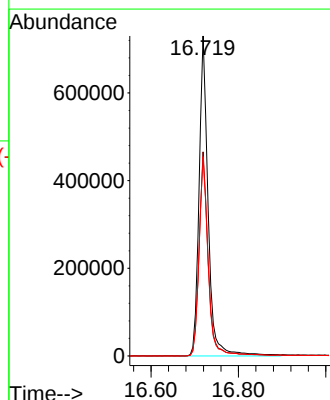
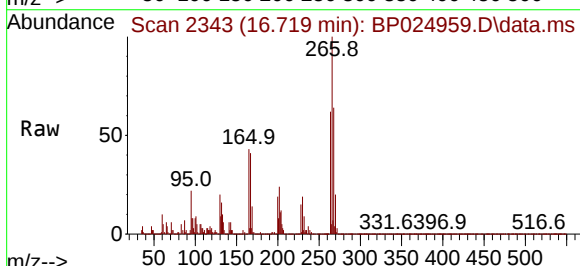
Tgt Ion:266 Resp: 1058592

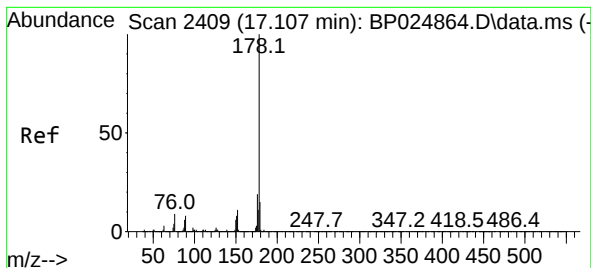
Ion Ratio Lower Upper

266 100

268 63.8 50.6 76.0

264 62.3 49.7 74.5





#71

Phenanthrene

Concen: 49.370 ng

RT: 17.101 min Scan# 2408

Delta R.T. -0.006 min

Lab File: BP024959.D

Acq: 16 Jun 2025 13:36

Instrument :

BNA\_P

ClientSampleId :

PB168456BS

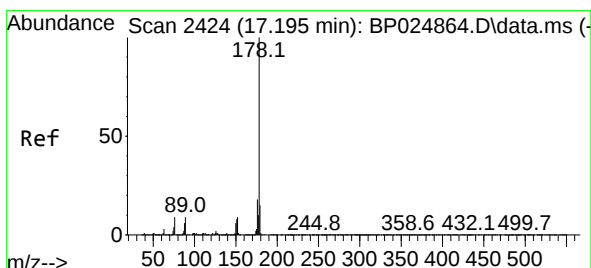
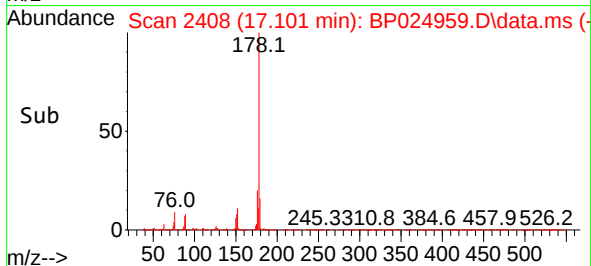
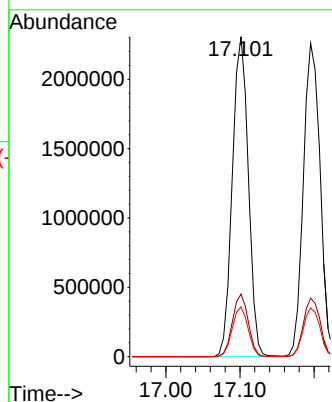
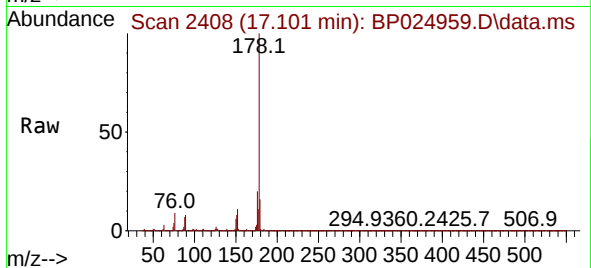
Tgt Ion:178 Resp: 3461052

Ion Ratio Lower Upper

178 100

176 19.5 15.3 22.9

179 15.6 12.1 18.1



#72

Anthracene

Concen: 50.251 ng

RT: 17.195 min Scan# 2424

Delta R.T. 0.000 min

Lab File: BP024959.D

Acq: 16 Jun 2025 13:36

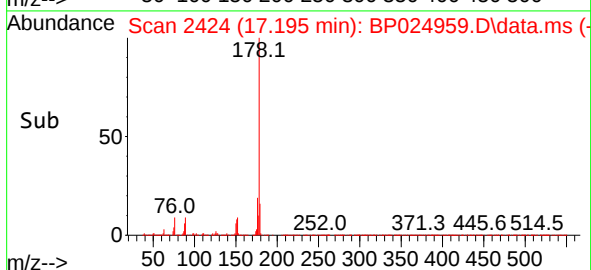
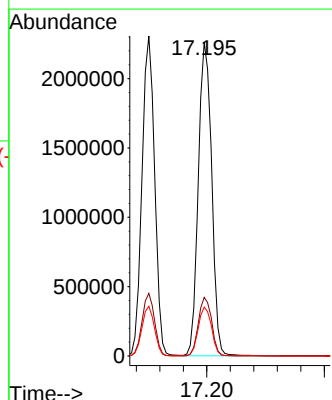
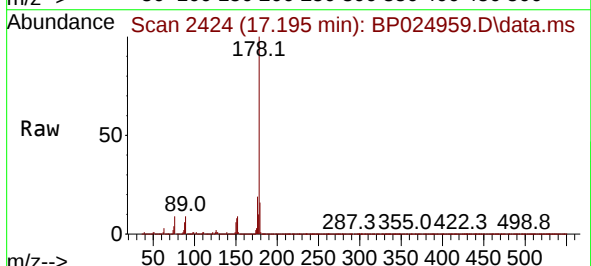
Tgt Ion:178 Resp: 3567799

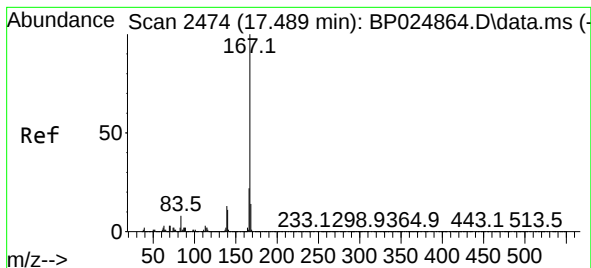
Ion Ratio Lower Upper

178 100

176 18.7 14.7 22.1

179 15.6 12.3 18.5





#73

Carbazole

Concen: 49.500 ng

RT: 17.484 min Scan# 24

Delta R.T. -0.006 min

Lab File: BP024959.D

Acq: 16 Jun 2025 13:36

Instrument :

BNA\_P

ClientSampleId :

PB168456BS

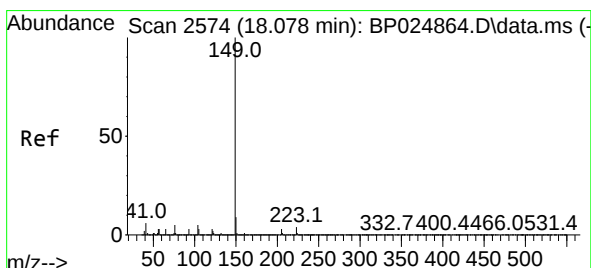
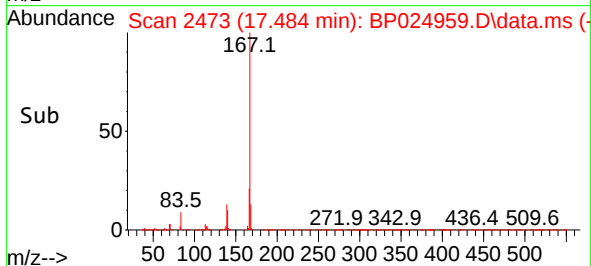
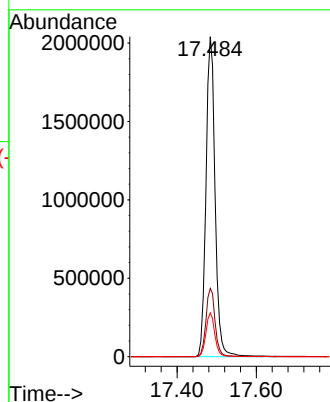
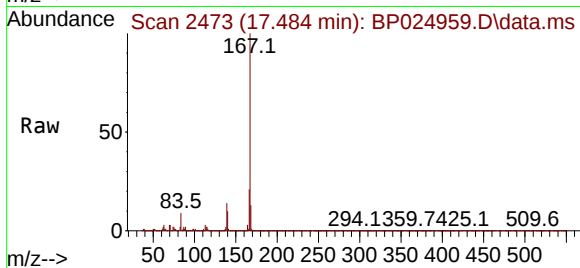
Tgt Ion:167 Resp: 3257560

Ion Ratio Lower Upper

167 100

166 21.3 17.3 25.9

139 13.7 10.8 16.2



#74

Di-n-butylphthalate

Concen: 50.352 ng

RT: 18.066 min Scan# 2572

Delta R.T. -0.012 min

Lab File: BP024959.D

Acq: 16 Jun 2025 13:36

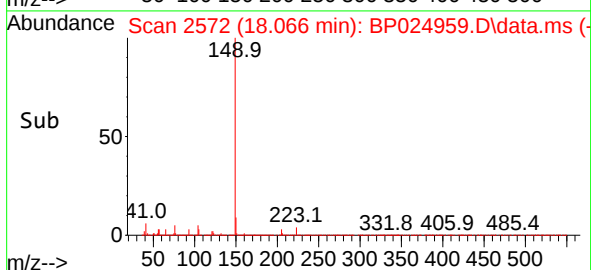
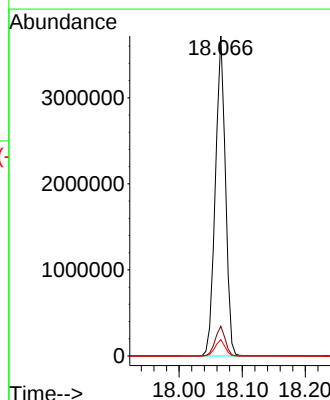
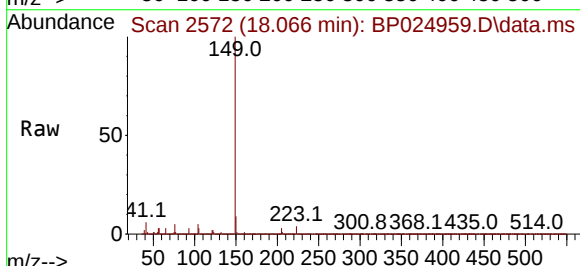
Tgt Ion:149 Resp: 4105497

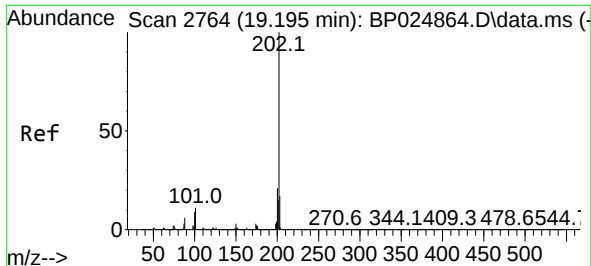
Ion Ratio Lower Upper

149 100

150 9.3 7.4 11.2

104 5.1 4.2 6.2

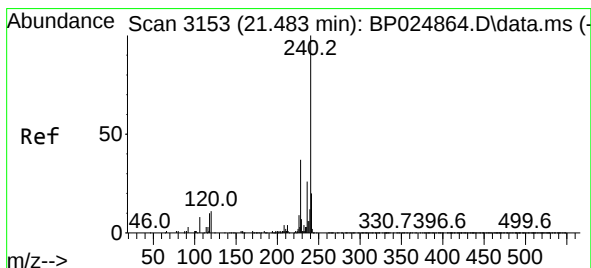
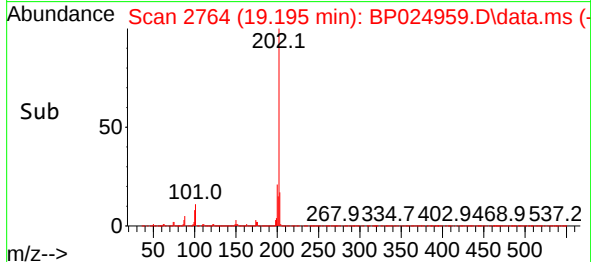
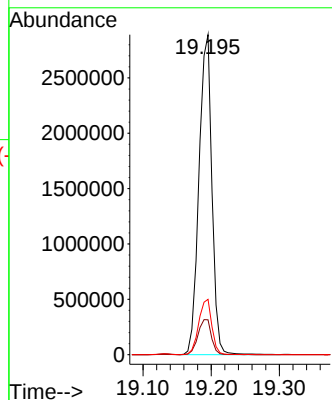
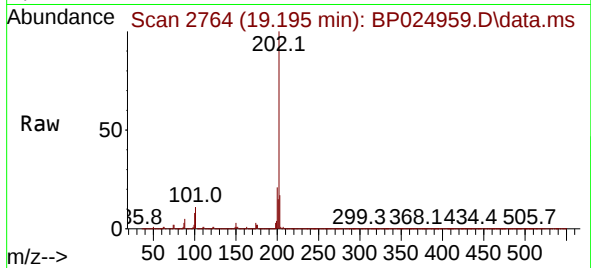




#75  
Fluoranthene  
Concen: 46.768 ng  
RT: 19.195 min Scan# 21  
Delta R.T. 0.000 min  
Lab File: BP024959.D  
Acq: 16 Jun 2025 13:36

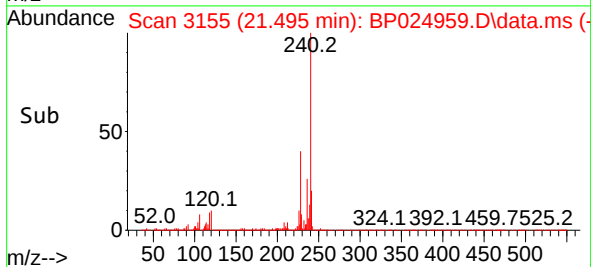
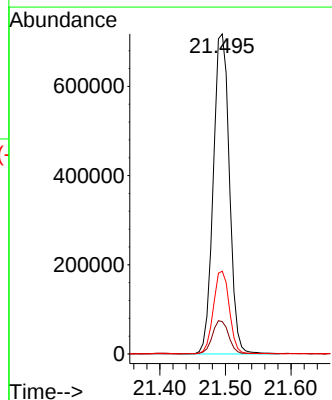
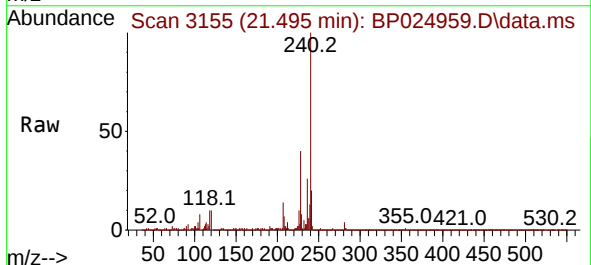
Instrument :  
BNA\_P  
ClientSampleId :  
PB168456BS

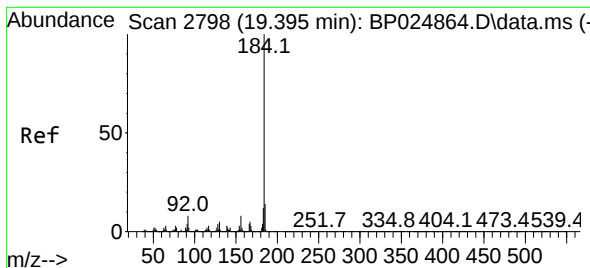
Tgt Ion:202 Resp: 3800091  
Ion Ratio Lower Upper  
202 100  
101 10.9 0.0 31.4  
203 17.3 0.0 37.5



#76  
Chrysene-d12  
Concen: 20.000 ng  
RT: 21.495 min Scan# 3155  
Delta R.T. 0.012 min  
Lab File: BP024959.D  
Acq: 16 Jun 2025 13:36

Tgt Ion:240 Resp: 1223109  
Ion Ratio Lower Upper  
240 100  
120 10.1 8.9 13.3  
236 25.9 20.9 31.3





#77

Benzidine

Concen: 39.416 ng

RT: 19.401 min Scan# 21

Delta R.T. 0.006 min

Lab File: BP024959.D

Acq: 16 Jun 2025 13:36

Instrument :

BNA\_P

ClientSampleId :

PB168456BS

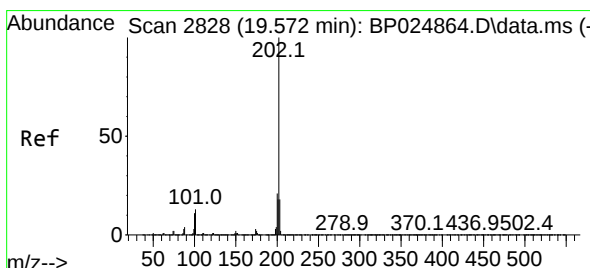
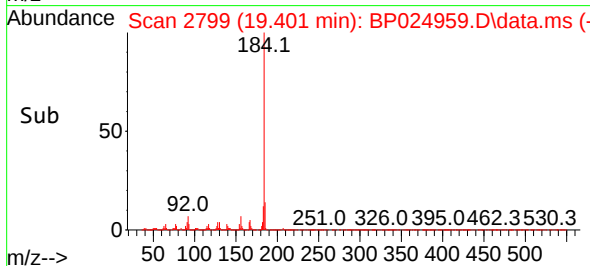
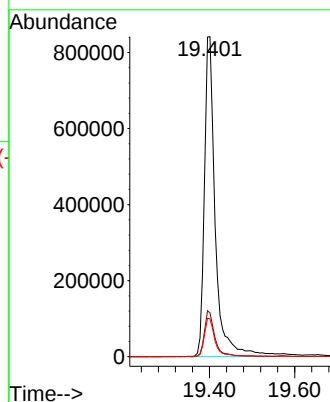
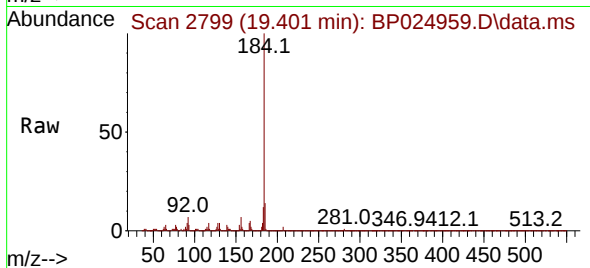
Tgt Ion:184 Resp: 1493140

Ion Ratio Lower Upper

184 100

185 13.7 11.4 17.0

183 11.9 9.5 14.3



#78

Pyrene

Concen: 51.017 ng

RT: 19.572 min Scan# 2828

Delta R.T. 0.000 min

Lab File: BP024959.D

Acq: 16 Jun 2025 13:36

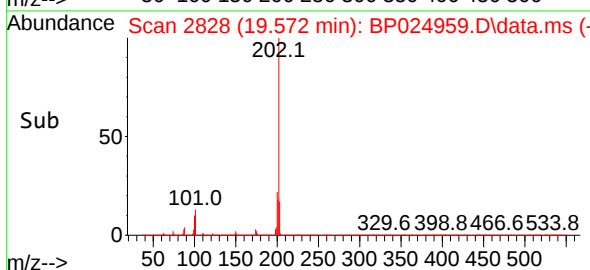
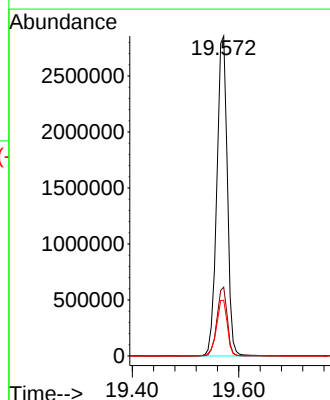
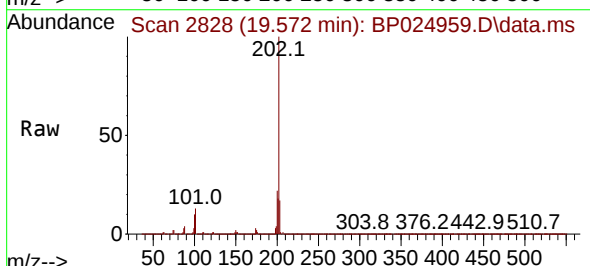
Tgt Ion:202 Resp: 3898349

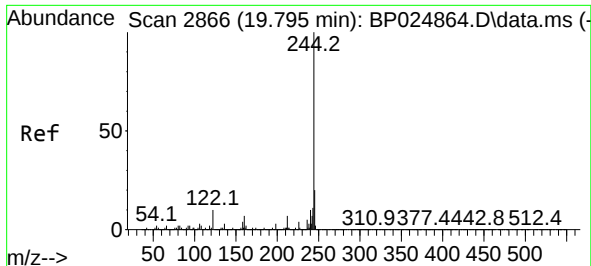
Ion Ratio Lower Upper

202 100

200 21.5 17.1 25.7

203 17.4 14.0 21.0

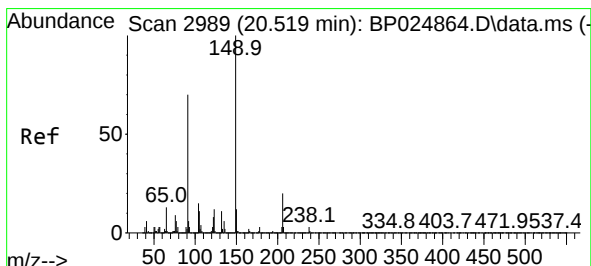
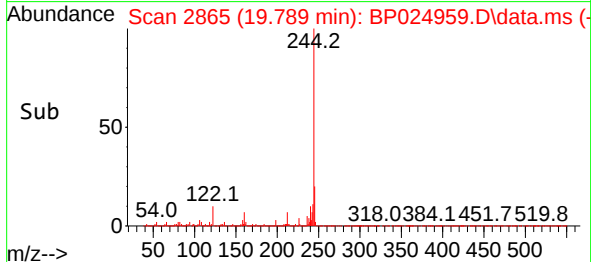
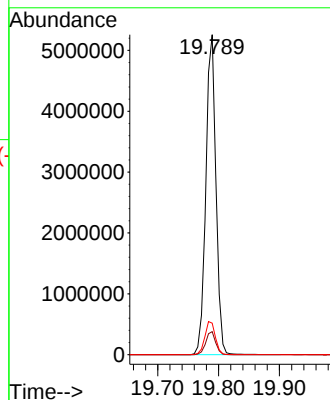
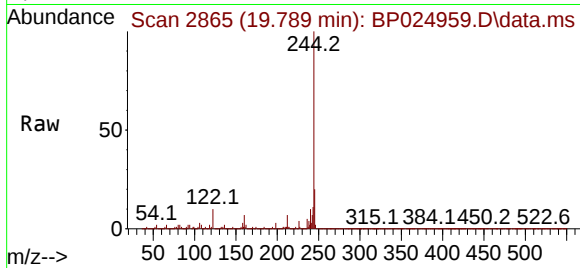




#79  
 Terphenyl-d14  
 Concen: 88.563 ng  
 RT: 19.789 min Scan# 2865  
 Delta R.T. -0.006 min  
 Lab File: BP024959.D  
 Acq: 16 Jun 2025 13:36

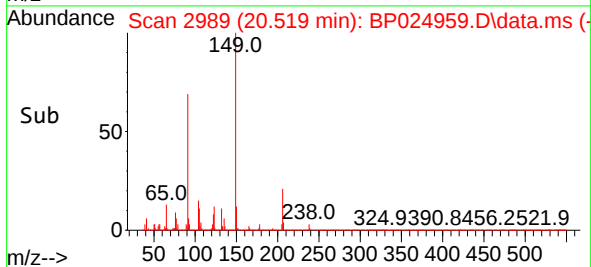
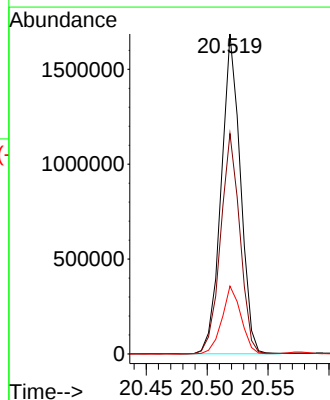
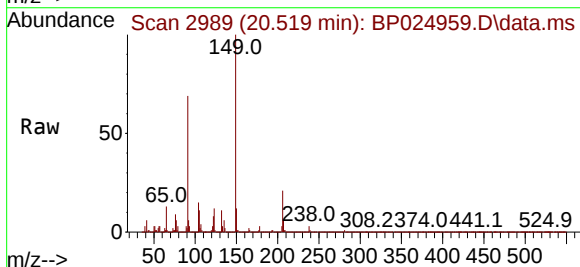
Instrument :  
 BNA\_P  
 ClientSampleId :  
 PB168456BS

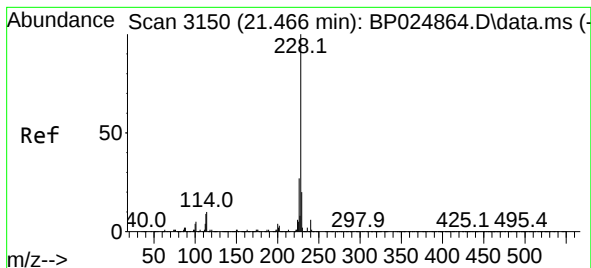
Tgt Ion:244 Resp: 6043937  
 Ion Ratio Lower Upper  
 244 100  
 212 7.2 5.6 8.4  
 122 9.9 7.7 11.5



#80  
 Butylbenzylphthalate  
 Concen: 52.724 ng  
 RT: 20.519 min Scan# 2989  
 Delta R.T. 0.000 min  
 Lab File: BP024959.D  
 Acq: 16 Jun 2025 13:36

Tgt Ion:149 Resp: 1845415  
 Ion Ratio Lower Upper  
 149 100  
 91 68.9 55.8 83.8  
 206 21.2 16.2 24.2





#81

Benzo(a)anthracene

Concen: 50.269 ng

RT: 21.472 min Scan# 3151

Delta R.T. 0.006 min

Lab File: BP024959.D

Acq: 16 Jun 2025 13:36

Instrument :

BNA\_P

ClientSampleId :

PB168456BS

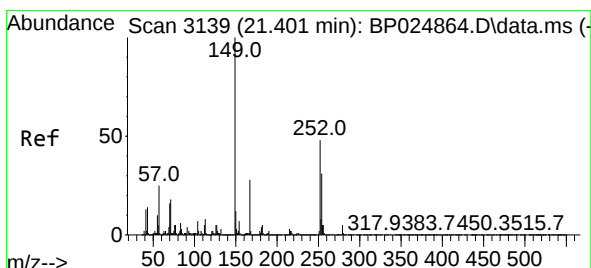
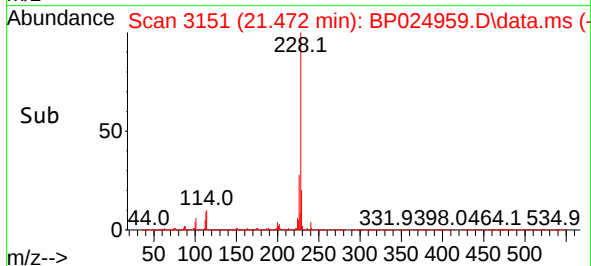
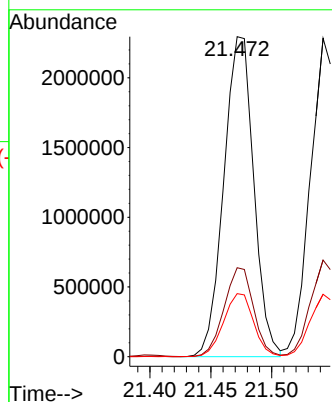
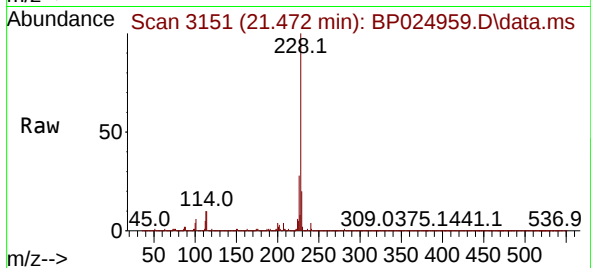
Tgt Ion:228 Resp: 3932450

Ion Ratio Lower Upper

228 100

226 27.8 22.1 33.1

229 19.7 15.9 23.9



#82

3,3'-Dichlorobenzidine

Concen: 36.122 ng

RT: 21.401 min Scan# 3139

Delta R.T. 0.000 min

Lab File: BP024959.D

Acq: 16 Jun 2025 13:36

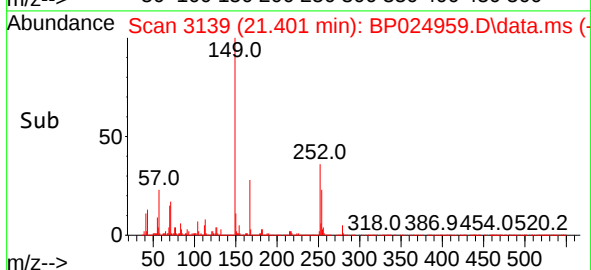
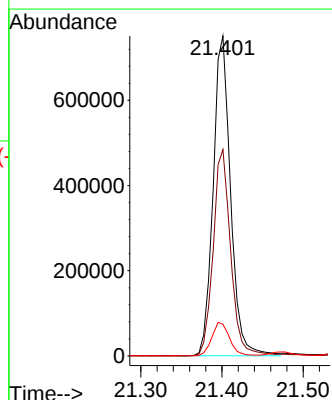
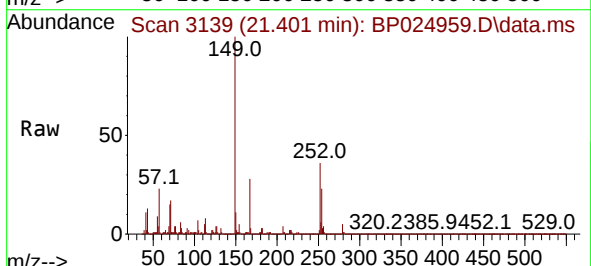
Tgt Ion:252 Resp: 1121819

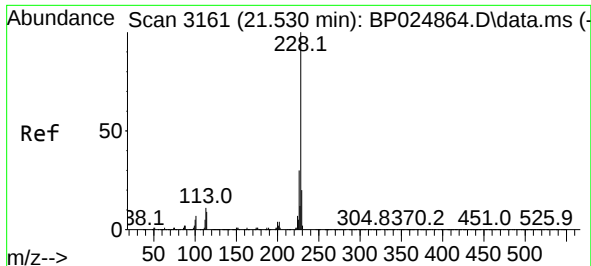
Ion Ratio Lower Upper

252 100

254 64.5 51.2 76.8

126 9.9 8.6 12.8

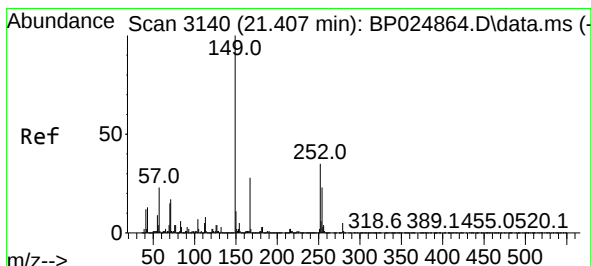
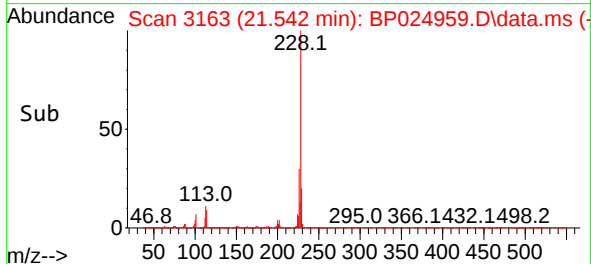
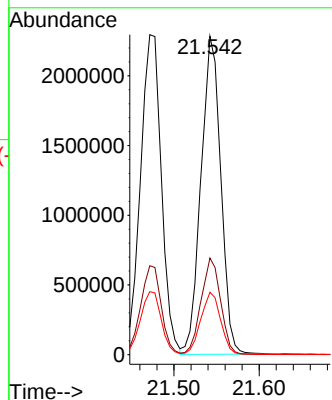
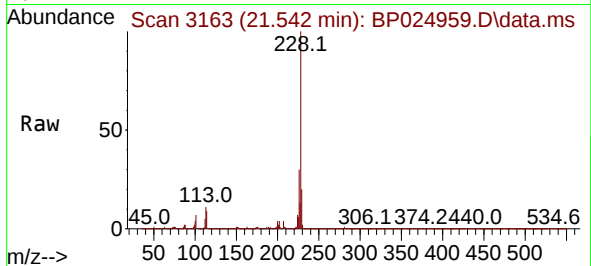




#83  
Chrysene  
Concen: 49.875 ng  
RT: 21.542 min Scan# 3161  
Delta R.T. 0.012 min  
Lab File: BP024959.D  
Acq: 16 Jun 2025 13:36

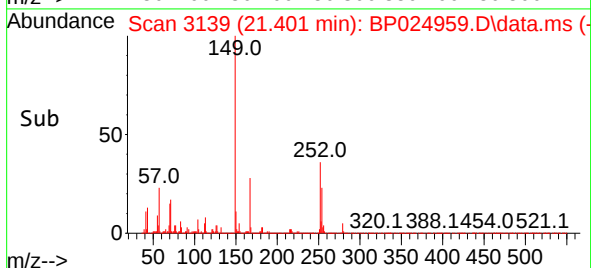
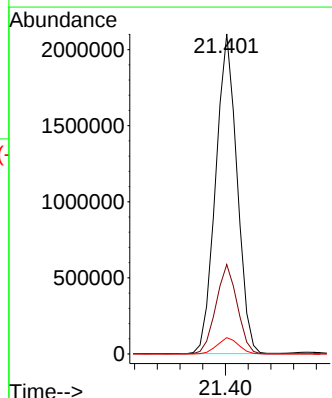
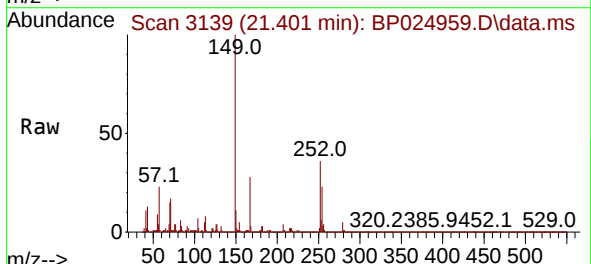
Instrument :  
BNA\_P  
ClientSampleId :  
PB168456BS

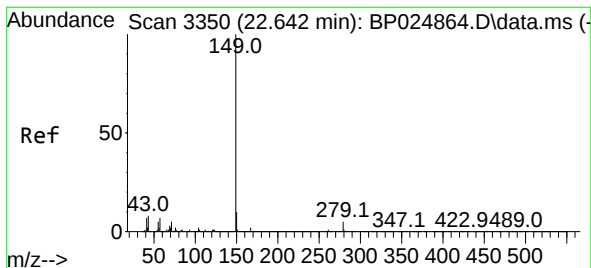
Tgt Ion:228 Resp: 3696870  
Ion Ratio Lower Upper  
228 100  
226 30.3 23.8 35.6  
229 19.6 15.6 23.4



#84  
Bis(2-ethylhexyl)phthalate  
Concen: 54.809 ng  
RT: 21.401 min Scan# 3139  
Delta R.T. -0.006 min  
Lab File: BP024959.D  
Acq: 16 Jun 2025 13:36

Tgt Ion:149 Resp: 2748569  
Ion Ratio Lower Upper  
149 100  
167 27.9 22.2 33.4  
279 5.1 4.0 6.0





#85

Di-n-octyl phthalate

Concen: 55.553 ng

RT: 22.642 min Scan# 31

Delta R.T. 0.000 min

Lab File: BP024959.D

Acq: 16 Jun 2025 13:36

Instrument :

BNA\_P

ClientSampleId :

PB168456BS

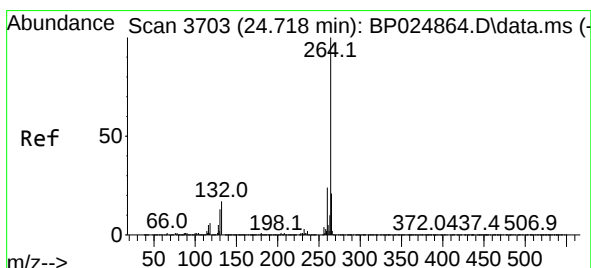
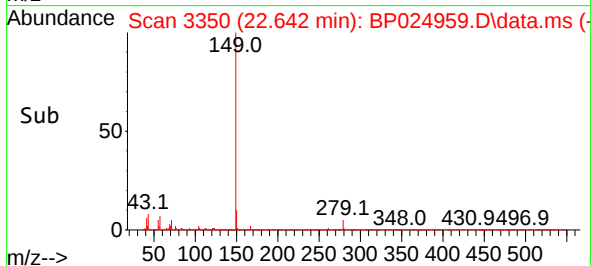
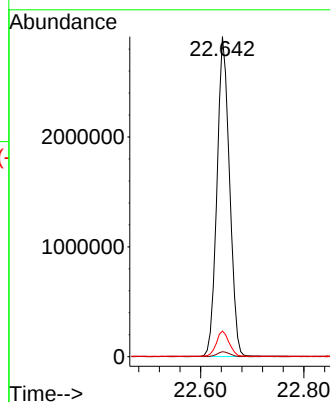
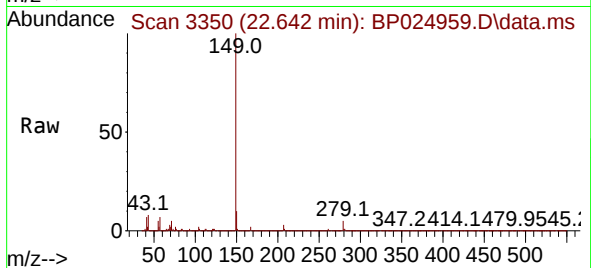
Tgt Ion:149 Resp: 4910375

Ion Ratio Lower Upper

149 100

167 1.6 1.3 1.9

43 7.9 6.6 10.0



#86

Perylene-d12

Concen: 20.000 ng

RT: 24.760 min Scan# 3710

Delta R.T. 0.041 min

Lab File: BP024959.D

Acq: 16 Jun 2025 13:36

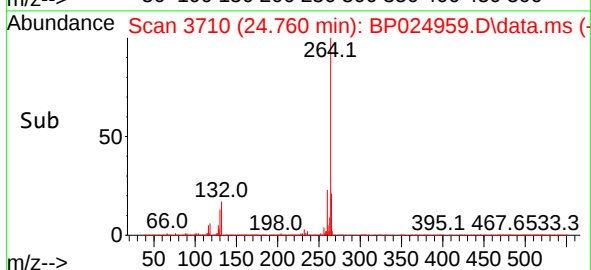
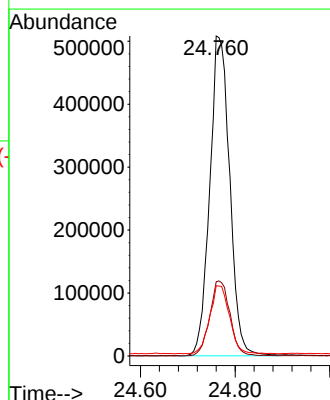
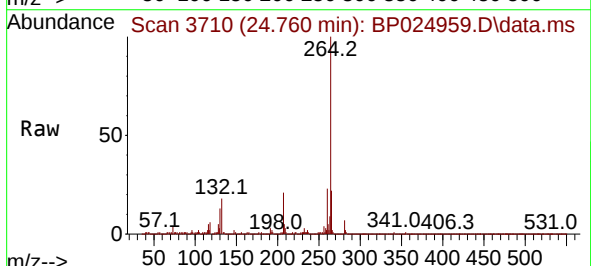
Tgt Ion:264 Resp: 1486300

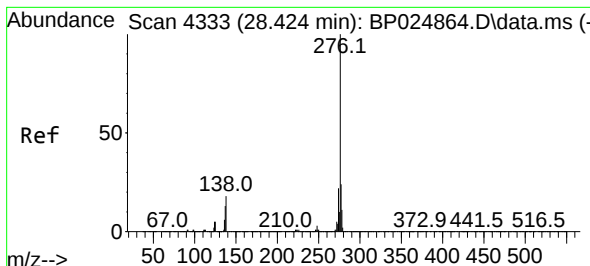
Ion Ratio Lower Upper

264 100

260 23.2 19.0 28.4

265 21.9 17.4 26.0





#87

Indeno(1,2,3-cd)pyrene

Concen: 52.783 ng

RT: 28.483 min Scan# 41

Delta R.T. 0.059 min

Lab File: BP024959.D

Acq: 16 Jun 2025 13:36

Instrument :

BNA\_P

ClientSampleId :

PB168456BS

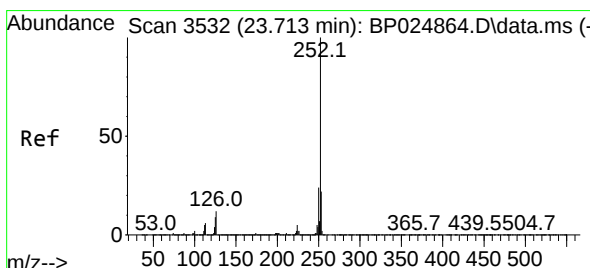
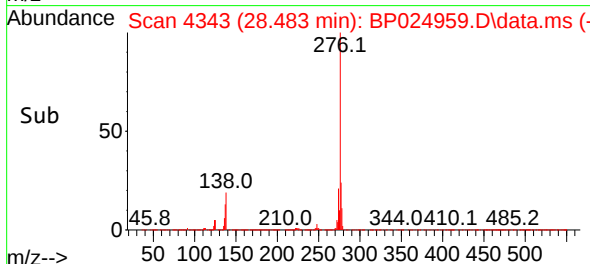
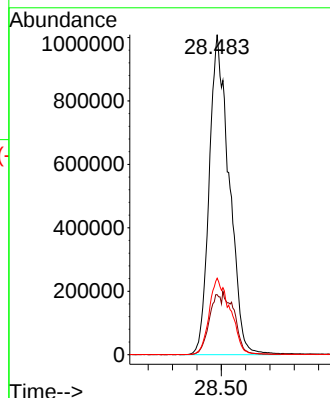
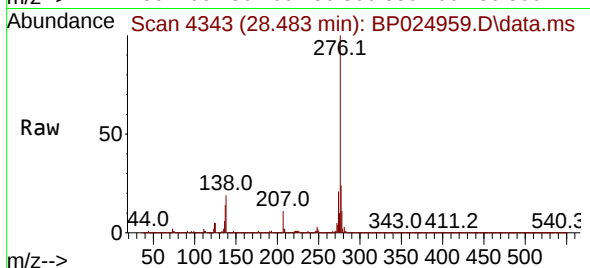
Tgt Ion:276 Resp: 5723970

Ion Ratio Lower Upper

276 100

138 11.5 18.6 27.8#

277 25.3 20.2 30.4



#88

Benzo(b)fluoranthene

Concen: 50.205 ng

RT: 23.724 min Scan# 3534

Delta R.T. 0.012 min

Lab File: BP024959.D

Acq: 16 Jun 2025 13:36

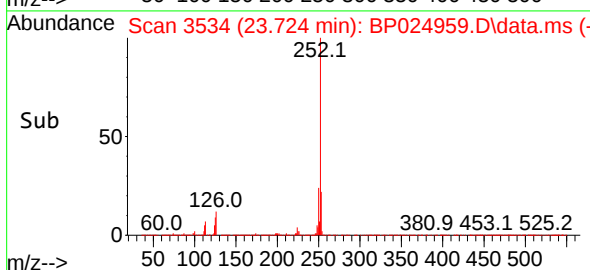
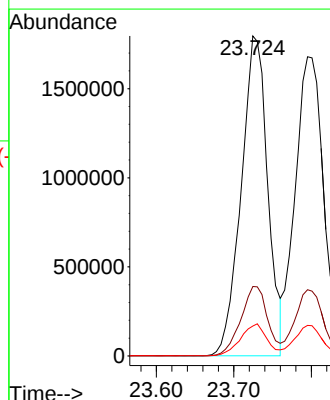
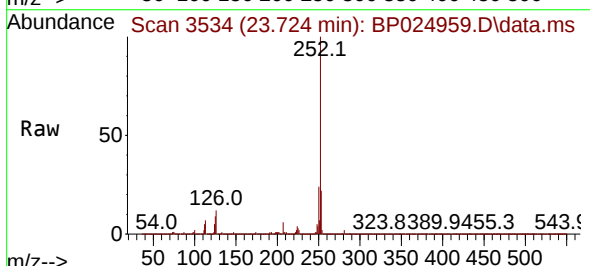
Tgt Ion:252 Resp: 4270474

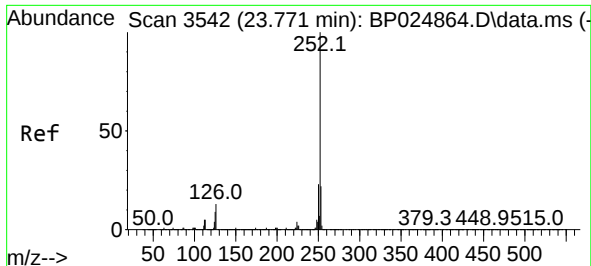
Ion Ratio Lower Upper

252 100

253 21.7 17.6 26.4

125 9.4 7.1 10.7

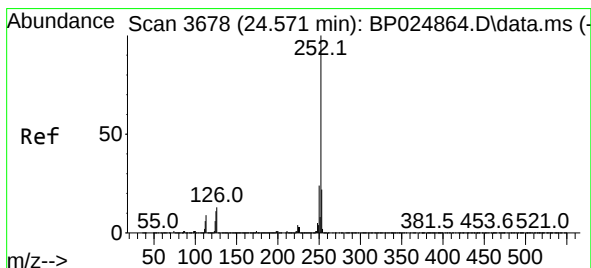
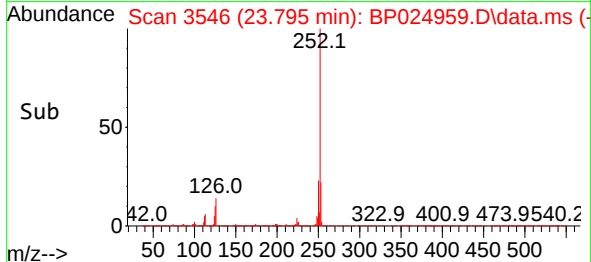
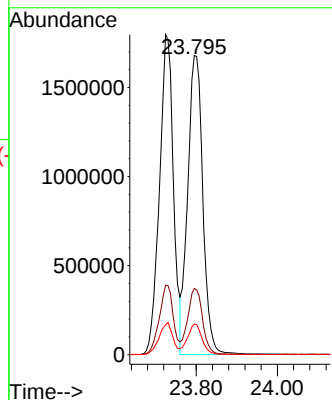
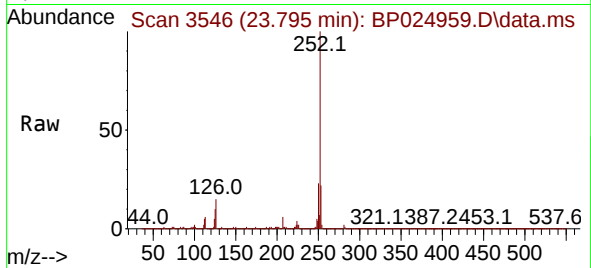




#89  
Benzo(k)fluoranthene  
Concen: 50.168 ng  
RT: 23.795 min Scan# 31  
Delta R.T. 0.024 min  
Lab File: BP024959.D  
Acq: 16 Jun 2025 13:36

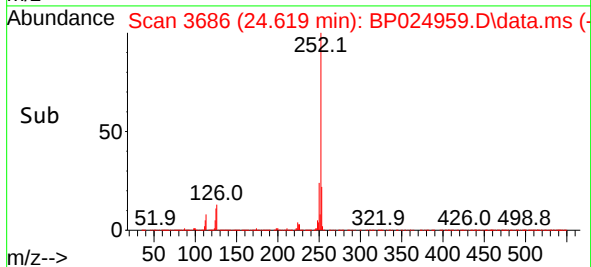
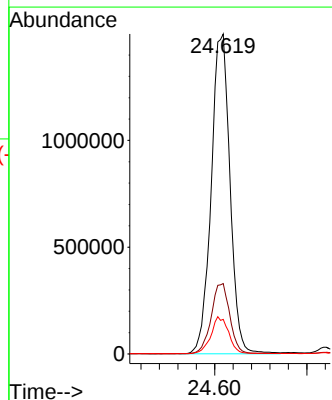
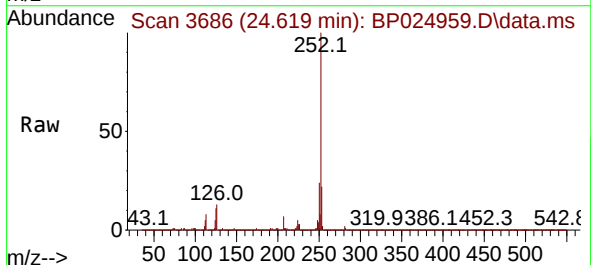
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ClientSampleId :  
PB168456BS

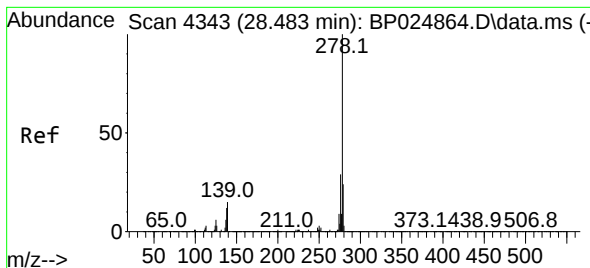
Tgt Ion:252 Resp: 4343786  
Ion Ratio Lower Upper  
252 100  
253 22.1 17.7 26.5  
125 10.2 7.4 11.0



#90  
Benzo(a)pyrene  
Concen: 51.049 ng  
RT: 24.619 min Scan# 3686  
Delta R.T. 0.047 min  
Lab File: BP024959.D  
Acq: 16 Jun 2025 13:36

Tgt Ion:252 Resp: 4240653  
Ion Ratio Lower Upper  
252 100  
253 22.0 17.5 26.3  
125 10.8 8.8 13.2





#91

Dibenzo(a,h)anthracene

Concen: 53.341 ng

RT: 28.542 min Scan# 41

Delta R.T. 0.059 min

Lab File: BP024959.D

Acq: 16 Jun 2025 13:36

Instrument :

BNA\_P

ClientSampleId :

PB168456BS

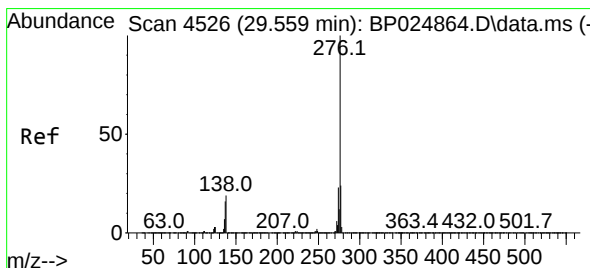
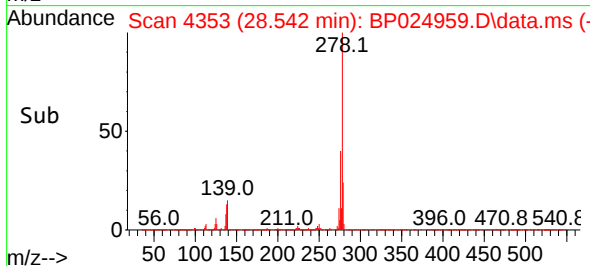
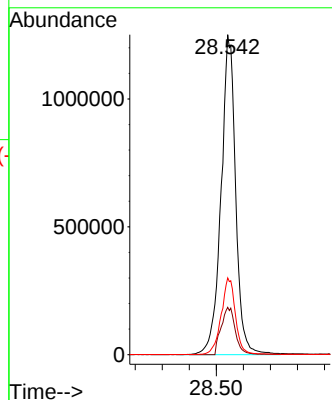
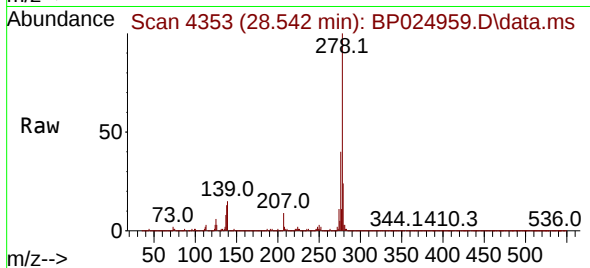
Tgt Ion:278 Resp: 4708442

Ion Ratio Lower Upper

278 100

139 14.8 12.0 18.0

279 24.0 19.1 28.7



#92

Benzo(g,h,i)perylene

Concen: 53.111 ng

RT: 29.624 min Scan# 4537

Delta R.T. 0.065 min

Lab File: BP024959.D

Acq: 16 Jun 2025 13:36

Tgt Ion:276 Resp: 4651568

Ion Ratio Lower Upper

276 100

277 23.7 19.1 28.7

138 19.6 15.4 23.2

