

Data Path : Z:\svoasrv\HPCHEM1\BNA\_P\Data\BP051225\  
 Data File : BP024608.D  
 Acq On : 12 May 2025 18:42  
 Operator : RC/JU  
 Sample : SSTDIC050  
 Misc :  
 ALS Vial : 7 Sample Multiplier: 1

Instrument :  
 BNA\_P  
 ClientSampleId :

Quant Time: May 13 02:55:42 2025  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_P\Methods\8270E-BP051225.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Tue May 13 02:51:00 2025  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc    | Units | Dev(Min) |
|-------------------------------|--------|------|----------|---------|-------|----------|
| -----                         |        |      |          |         |       |          |
| Internal Standards            |        |      |          |         |       |          |
| 1) 1,4-Dichlorobenzene-d4     | 7.669  | 152  | 148140   | 20.000  | ng    | 0.00     |
| 21) Naphthalene-d8            | 10.434 | 136  | 636656   | 20.000  | ng    | 0.00     |
| 39) Acenaphthene-d10          | 14.298 | 164  | 403739   | 20.000  | ng    | 0.00     |
| 64) Phenanthrene-d10          | 17.092 | 188  | 772415   | 20.000  | ng    | 0.00     |
| 76) Chrysene-d12              | 21.510 | 240  | 834598   | 20.000  | ng    | 0.00     |
| 86) Perylene-d12              | 24.786 | 264  | 958174   | 20.000  | ng    | 0.00     |
| System Monitoring Compounds   |        |      |          |         |       |          |
| 5) 2-Fluorophenol             | 5.287  | 112  | 851301   | 101.540 | ng    | 0.00     |
| 7) Phenol-d6                  | 6.858  | 99   | 1142036  | 103.569 | ng    | 0.00     |
| 23) Nitrobenzene-d5           | 8.816  | 82   | 1100904  | 99.389  | ng    | 0.00     |
| 42) 2,4,6-Tribromophenol      | 15.810 | 330  | 660002   | 99.745  | ng    | 0.00     |
| 45) 2-Fluorobiphenyl          | 12.910 | 172  | 2672191  | 99.003  | ng    | 0.00     |
| 79) Terphenyl-d14             | 19.810 | 244  | 4275676  | 100.292 | ng    | 0.00     |
| Target Compounds              |        |      |          |         |       |          |
|                               |        |      |          |         |       | Qvalue   |
| 2) 1,4-Dioxane                | 3.228  | 88   | 178202   | 47.905  | ng    | 99       |
| 3) Pyridine                   | 3.628  | 79   | 375190   | 43.107  | ng    | 99       |
| 4) n-Nitrosodimethylamine     | 3.534  | 42   | 190784   | 49.839  | ng    | 98       |
| 6) Aniline                    | 7.005  | 93   | 512884   | 51.851  | ng    | 99       |
| 8) 2-Chlorophenol             | 7.240  | 128  | 486614   | 50.422  | ng    | 100      |
| 9) Benzaldehyde               | 6.822  | 77   | 289704   | 47.521  | ng    | 96       |
| 10) Phenol                    | 6.881  | 94   | 566334   | 51.571  | ng    | 98       |
| 11) bis(2-Chloroethyl)ether   | 7.099  | 93   | 447378   | 50.164  | ng    | 100      |
| 12) 1,3-Dichlorobenzene       | 7.557  | 146  | 516215   | 48.614  | ng    | 100      |
| 13) 1,4-Dichlorobenzene       | 7.699  | 146  | 525637   | 48.608  | ng    | 99       |
| 14) 1,2-Dichlorobenzene       | 8.010  | 146  | 504489   | 48.202  | ng    | 98       |
| 15) Benzyl Alcohol            | 7.910  | 79   | 416637   | 54.812  | ng    | 99       |
| 16) 2,2'-oxybis(1-Chloropr... | 8.193  | 45   | 502203   | 49.107  | ng    | 100      |
| 17) 2-Methylphenol            | 8.116  | 107  | 394481   | 52.239  | ng    | 99       |
| 18) Hexachloroethane          | 8.728  | 117  | 198910   | 48.483  | ng    | 99       |
| 19) n-Nitroso-di-n-propyla... | 8.463  | 70   | 369088   | 50.188  | ng    | 98       |
| 20) 3+4-Methylphenols         | 8.440  | 107  | 546753   | 52.597  | ng    | 99       |
| 22) Acetophenone              | 8.481  | 105  | 748961   | 49.128  | ng    | 100      |
| 24) Nitrobenzene              | 8.857  | 77   | 534613   | 49.744  | ng    | 99       |
| 25) Isophorone                | 9.375  | 82   | 965795   | 49.747  | ng    | 99       |
| 26) 2-Nitrophenol             | 9.563  | 139  | 289691   | 52.698  | ng    | 99       |
| 27) 2,4-Dimethylphenol        | 9.628  | 122  | 338207   | 50.978  | ng    | 99       |
| 28) bis(2-Chloroethoxy)met... | 9.851  | 93   | 627150   | 49.720  | ng    | 99       |
| 29) 2,4-Dichlorophenol        | 10.099 | 162  | 477747   | 52.008  | ng    | 98       |
| 30) 1,2,4-Trichlorobenzene    | 10.299 | 180  | 494183   | 48.352  | ng    | 99       |
| 31) Naphthalene               | 10.487 | 128  | 1604352  | 48.316  | ng    | 100      |
| 32) Benzoic acid              | 9.804  | 122  | 355171   | 48.986  | ng    | 99       |
| 33) 4-Chloroaniline           | 10.604 | 127  | 582128   | 52.035  | ng    | 99       |
| 34) Hexachlorobutadiene       | 10.769 | 225  | 315698   | 47.901  | ng    | 98       |
| 35) Caprolactam               | 11.398 | 113  | 165189   | 51.476  | ng    | 96       |
| 36) 4-Chloro-3-methylphenol   | 11.740 | 107  | 561391   | 49.926  | ng    | 98       |
| 37) 2-Methylnaphthalene       | 12.098 | 142  | 1138927  | 48.938  | ng    | 99       |
| 38) 1-Methylnaphthalene       | 12.322 | 142  | 1109251  | 48.226  | ng    | 100      |
| 40) 1,2,4,5-Tetrachloroben... | 12.475 | 216  | 566781   | 50.308  | ng    | 100      |
| 41) Hexachlorocyclopentadiene | 12.451 | 237  | 210496   | 56.980  | ng    | 98       |
| 43) 2,4,6-Trichlorophenol     | 12.722 | 196  | 396736   | 52.380  | ng    | 99       |

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 Data File : BP024608.D  
 Acq On : 12 May 2025 18:42  
 Operator : RC/JU  
 Sample : SSTDICC050  
 Misc :  
 ALS Vial : 7 Sample Multiplier: 1

Instrument :  
 BNA\_P  
 ClientSampleId :

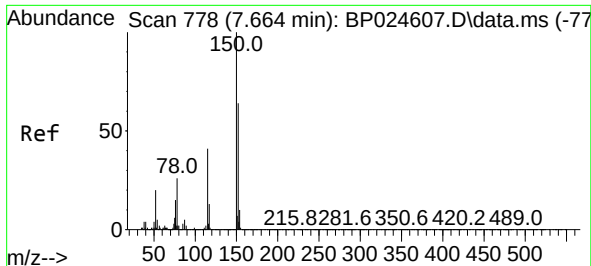
Quant Time: May 13 02:55:42 2025  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_P\Methods\8270E-BP051225.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Tue May 13 02:51:00 2025  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc   | Units | Dev(Min) |
|-------------------------------|--------|------|----------|--------|-------|----------|
| 44) 2,4,5-Trichlorophenol     | 12.798 | 196  | 433223   | 51.392 | ng    | 99       |
| 46) 1,1'-Biphenyl             | 13.116 | 154  | 1444812  | 49.787 | ng    | 100      |
| 47) 2-Chloronaphthalene       | 13.157 | 162  | 1089486  | 49.437 | ng    | 99       |
| 48) 2-Nitroaniline            | 13.369 | 65   | 335112   | 51.901 | ng    | 98       |
| 49) Acenaphthylene            | 14.010 | 152  | 1713049  | 49.749 | ng    | 99       |
| 50) Dimethylphthalate         | 13.757 | 163  | 1469533  | 48.804 | ng    | 100      |
| 51) 2,6-Dinitrotoluene        | 13.875 | 165  | 322875   | 50.246 | ng    | 99       |
| 52) Acenaphthene              | 14.357 | 154  | 1079801  | 49.226 | ng    | 99       |
| 53) 3-Nitroaniline            | 14.210 | 138  | 328887   | 53.072 | ng    | 99       |
| 54) 2,4-Dinitrophenol         | 14.422 | 184  | 190669   | 48.532 | ng    | 97       |
| 55) Dibenzofuran              | 14.698 | 168  | 1733801  | 48.528 | ng    | 99       |
| 56) 4-Nitrophenol             | 14.545 | 139  | 273025   | 53.571 | ng    | 97       |
| 57) 2,4-Dinitrotoluene        | 14.675 | 165  | 455759   | 51.475 | ng    | 98       |
| 58) Fluorene                  | 15.357 | 166  | 1364198  | 49.164 | ng    | 99       |
| 59) 2,3,4,6-Tetrachlorophenol | 14.934 | 232  | 400390   | 50.365 | ng    | 99       |
| 60) Diethylphthalate          | 15.134 | 149  | 1509202  | 48.391 | ng    | 99       |
| 61) 4-Chlorophenyl-phenyle... | 15.357 | 204  | 682495   | 48.751 | ng    | 96       |
| 62) 4-Nitroaniline            | 15.392 | 138  | 328268   | 53.318 | ng    | 99       |
| 63) Azobenzene                | 15.651 | 77   | 1307644  | 49.156 | ng    | 98       |
| 65) 4,6-Dinitro-2-methylph... | 15.457 | 198  | 261750   | 55.210 | ng    | 100      |
| 66) n-Nitrosodiphenylamine    | 15.575 | 169  | 1157921  | 50.135 | ng    | 99       |
| 67) 4-Bromophenyl-phenylether | 16.263 | 248  | 455525   | 49.904 | ng    | 99       |
| 68) Hexachlorobenzene         | 16.381 | 284  | 557991   | 49.092 | ng    | 98       |
| 69) Atrazine                  | 16.551 | 200  | 377067   | 48.412 | ng    | 99       |
| 70) Pentachlorophenol         | 16.739 | 266  | 391082   | 53.520 | ng    | 98       |
| 71) Phenanthrene              | 17.133 | 178  | 2039584  | 48.961 | ng    | 100      |
| 72) Anthracene                | 17.228 | 178  | 2011752  | 49.427 | ng    | 100      |
| 73) Carbazole                 | 17.510 | 167  | 1891671  | 49.556 | ng    | 99       |
| 74) Di-n-butylphthalate       | 18.098 | 149  | 2569452  | 50.034 | ng    | 100      |
| 75) Fluoranthene              | 19.216 | 202  | 2486056  | 48.963 | ng    | 99       |
| 77) Benzidine                 | 19.422 | 184  | 604467   | 62.204 | ng    | 99       |
| 78) Pyrene                    | 19.592 | 202  | 2552368  | 50.539 | ng    | 99       |
| 80) Butylbenzylphthalate      | 20.539 | 149  | 1173770  | 52.121 | ng    | 98       |
| 81) Benzo(a)anthracene        | 21.492 | 228  | 2499172  | 49.180 | ng    | 100      |
| 82) 3,3'-Dichlorobenzidine    | 21.416 | 252  | 627836   | 51.683 | ng    | 99       |
| 83) Chrysene                  | 21.557 | 228  | 2394884  | 48.637 | ng    | 100      |
| 84) Bis(2-ethylhexyl)phtha... | 21.427 | 149  | 1725117  | 52.191 | ng    | 99       |
| 85) Di-n-octyl phthalate      | 22.680 | 149  | 2878138  | 52.514 | ng    | 100      |
| 87) Indeno(1,2,3-cd)pyrene    | 28.503 | 276  | 3286670  | 50.191 | ng    | # 93     |
| 88) Benzo(b)fluoranthene      | 23.757 | 252  | 2778244  | 50.242 | ng    | 99       |
| 89) Benzo(k)fluoranthene      | 23.821 | 252  | 2737321  | 50.162 | ng    | 100      |
| 90) Benzo(a)pyrene            | 24.633 | 252  | 2419904  | 50.553 | ng    | 99       |
| 91) Dibenzo(a,h)anthracene    | 28.580 | 278  | 2738395  | 50.974 | ng    | 99       |
| 92) Benzo(g,h,i)perylene      | 29.668 | 276  | 2785599  | 50.186 | ng    | 99       |

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

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QLast Update : Tue May 13 02:51:00 2025  
Response via : Initial Calibration

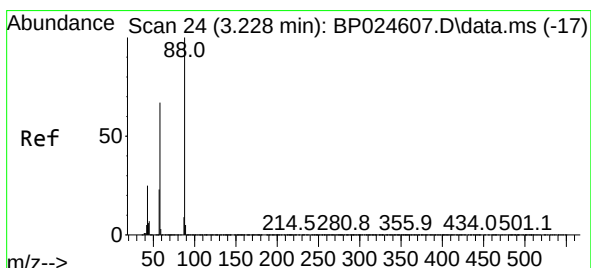
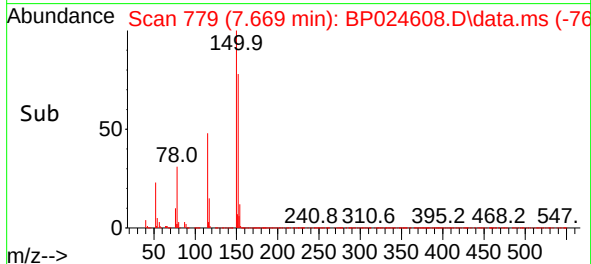
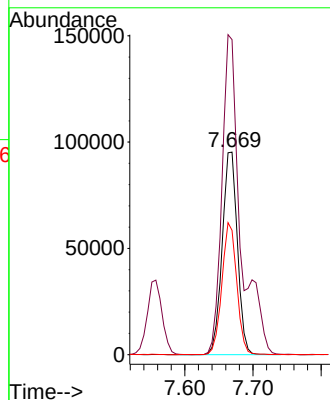
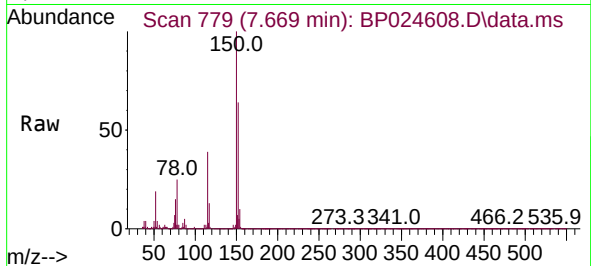




#1  
 1,4-Dichlorobenzene-d4  
 Concen: 20.000 ng  
 RT: 7.669 min Scan# 71  
 Delta R.T. 0.005 min  
 Lab File: BP024608.D  
 Acq: 12 May 2025 18:42

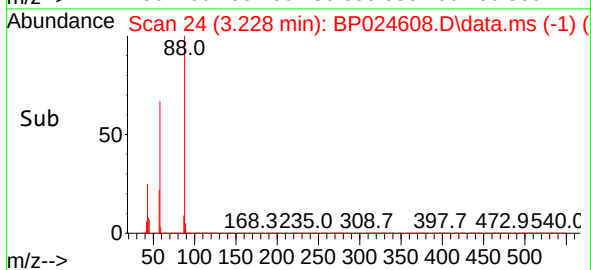
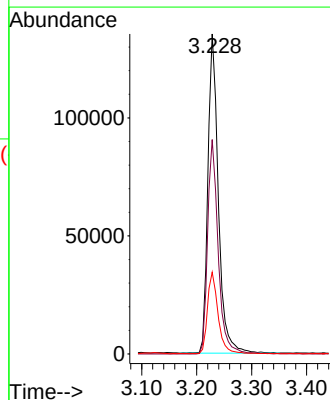
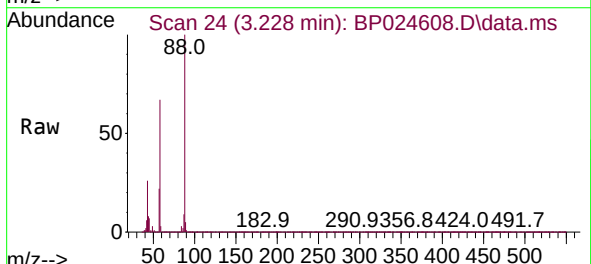
Instrument :  
 BNA\_P  
 ClientSampleId :

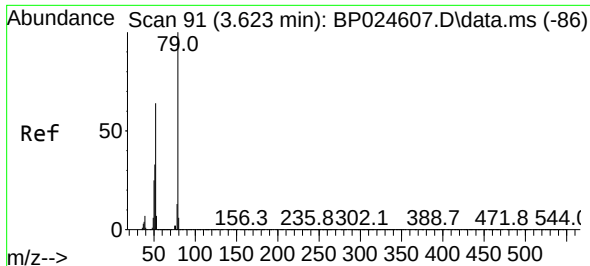
Tgt Ion:152 Resp: 148140  
 Ion Ratio Lower Upper  
 152 100  
 150 155.6 125.2 187.8  
 115 61.4 51.0 76.6



#2  
 1,4-Dioxane  
 Concen: 47.905 ng  
 RT: 3.228 min Scan# 24  
 Delta R.T. -0.000 min  
 Lab File: BP024608.D  
 Acq: 12 May 2025 18:42

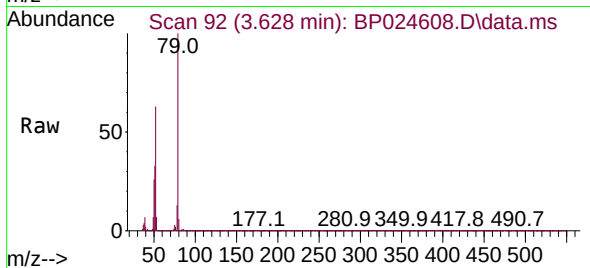
Tgt Ion: 88 Resp: 178202  
 Ion Ratio Lower Upper  
 88 100  
 58 67.8 55.3 82.9  
 43 26.0 20.6 31.0



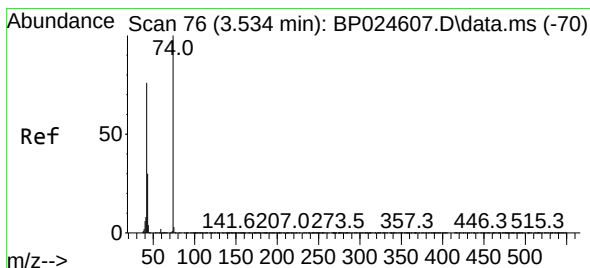
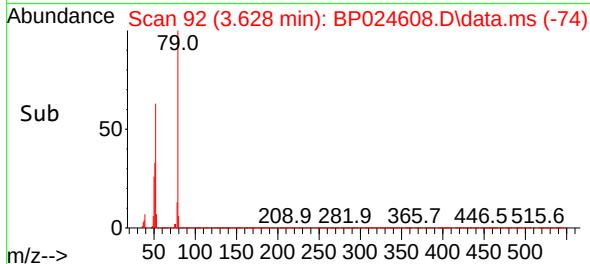
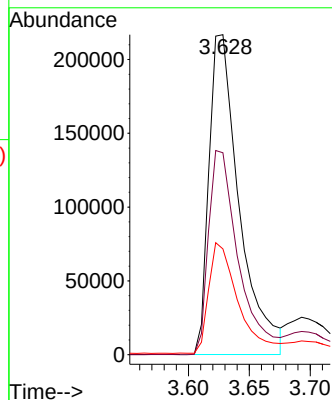


#3  
 Pyridine  
 Concen: 43.107 ng  
 RT: 3.628 min Scan# 91  
 Delta R.T. 0.006 min  
 Lab File: BP024608.D  
 Acq: 12 May 2025 18:42

Instrument :  
 BNA\_P  
 ClientSampleId :

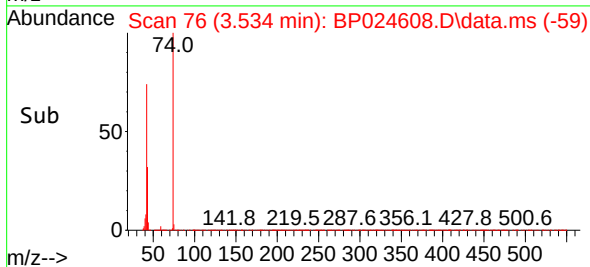
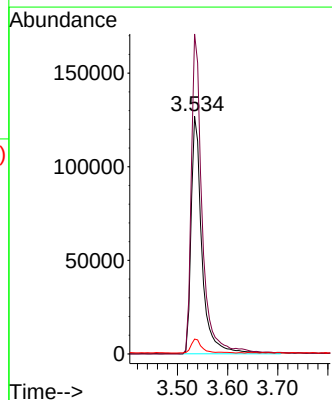
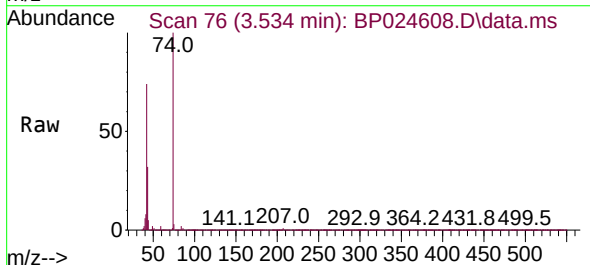


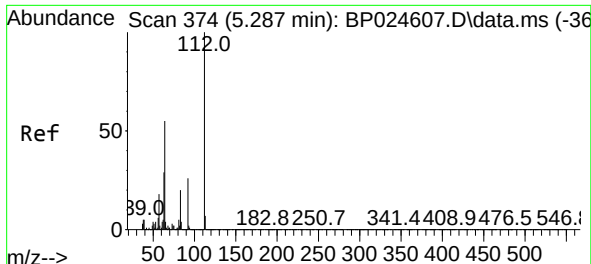
Tgt Ion: 79 Resp: 375190  
 Ion Ratio Lower Upper  
 79 100  
 52 63.1 51.1 76.7  
 51 33.1 27.1 40.7



#4  
 n-Nitrosodimethylamine  
 Concen: 49.839 ng  
 RT: 3.534 min Scan# 76  
 Delta R.T. -0.000 min  
 Lab File: BP024608.D  
 Acq: 12 May 2025 18:42

Tgt Ion: 42 Resp: 190784  
 Ion Ratio Lower Upper  
 42 100  
 74 134.6 105.8 158.8  
 44 6.3 5.1 7.7

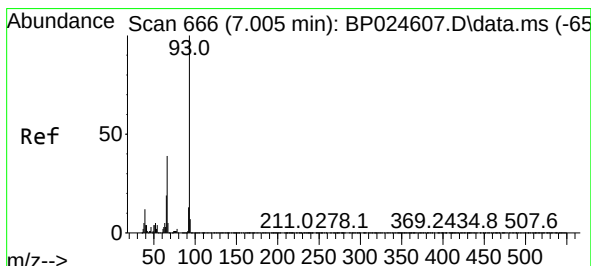
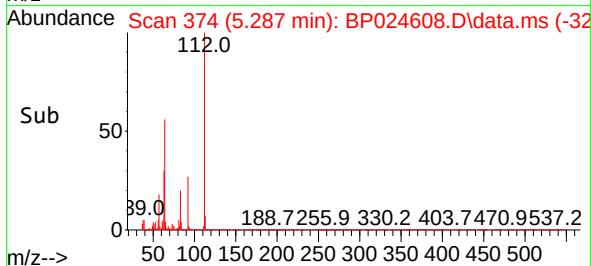
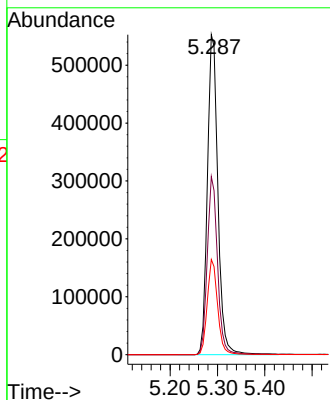
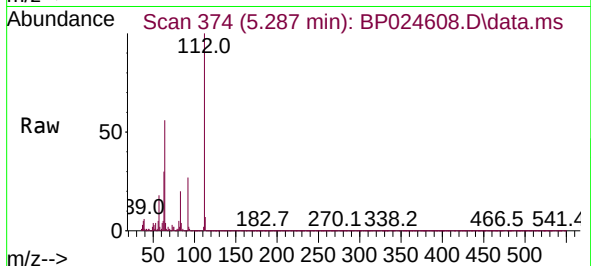




#5  
2-Fluorophenol  
Concen: 101.540 ng  
RT: 5.287 min Scan# 374  
Delta R.T. -0.000 min  
Lab File: BP024608.D  
Acq: 12 May 2025 18:42

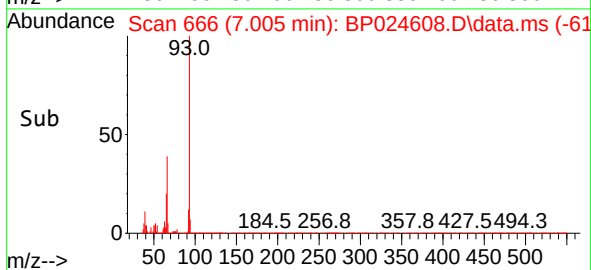
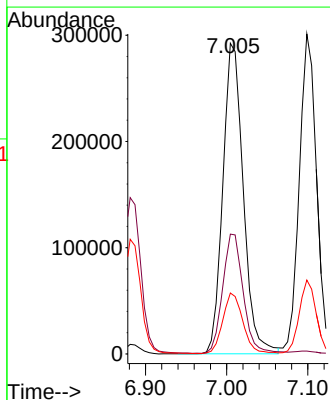
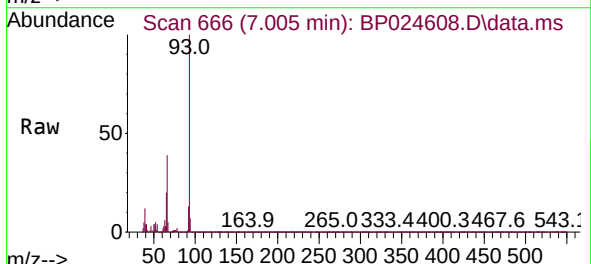
Instrument :  
BNA\_P  
ClientSampleId :

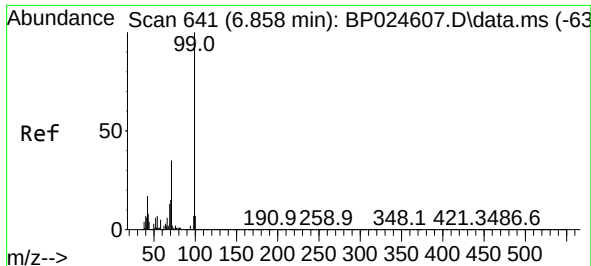
Tgt Ion:112 Resp: 851301  
Ion Ratio Lower Upper  
112 100  
64 55.7 44.3 66.5  
63 29.8 23.4 35.0



#6  
Aniline  
Concen: 51.851 ng  
RT: 7.005 min Scan# 666  
Delta R.T. -0.000 min  
Lab File: BP024608.D  
Acq: 12 May 2025 18:42

Tgt Ion: 93 Resp: 512884  
Ion Ratio Lower Upper  
93 100  
66 38.6 31.8 47.6  
65 19.6 15.7 23.5





#7

Phenol-d6

Concen: 103.569 ng

RT: 6.858 min Scan# 641

Delta R.T. -0.000 min

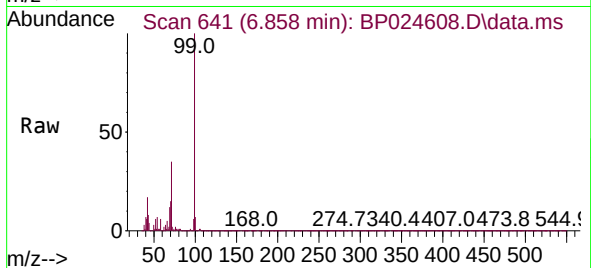
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Acq: 12 May 2025 18:42

Instrument :

BNA\_P

ClientSampleId :



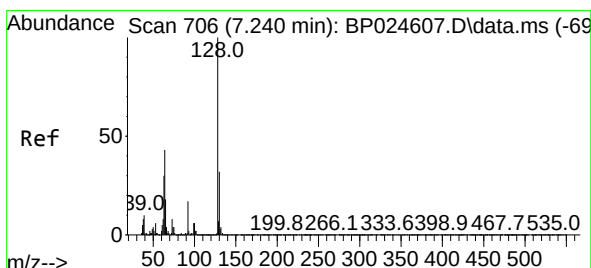
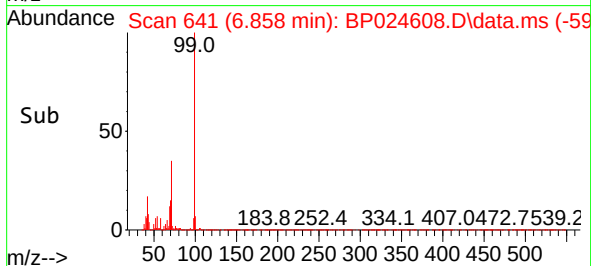
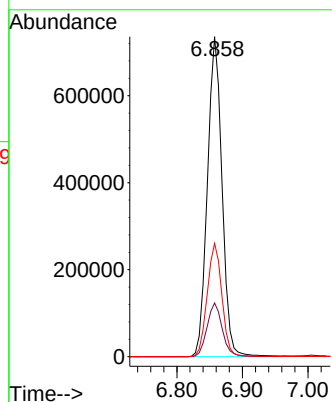
Tgt Ion: 99 Resp: 1142036

Ion Ratio Lower Upper

99 100

42 16.8 13.5 20.3

71 35.4 28.1 42.1



#8

2-Chlorophenol

Concen: 50.422 ng

RT: 7.240 min Scan# 706

Delta R.T. -0.000 min

Lab File: BP024608.D

Acq: 12 May 2025 18:42

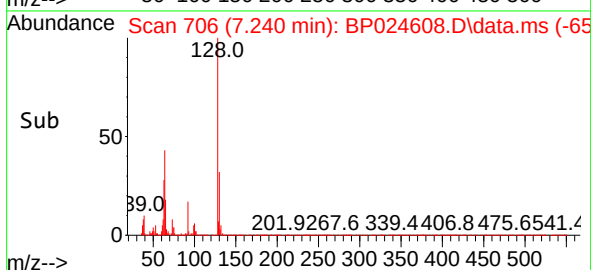
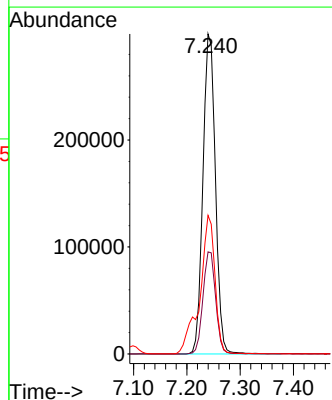
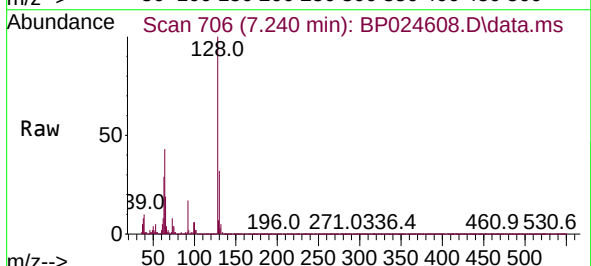
Tgt Ion: 128 Resp: 486614

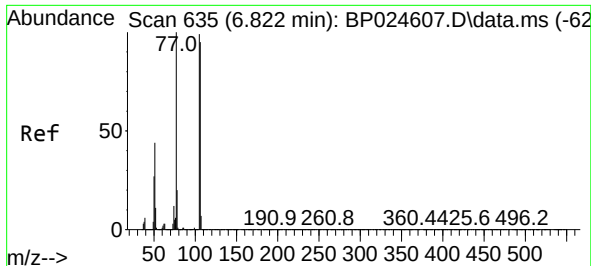
Ion Ratio Lower Upper

128 100

130 31.9 11.8 51.8

64 43.3 23.1 63.1

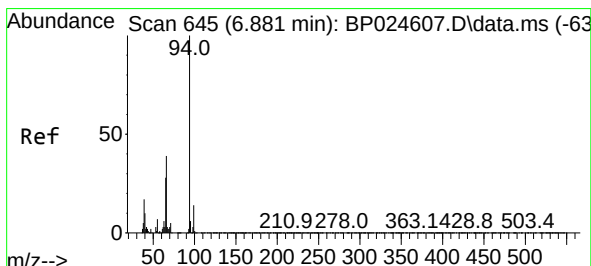
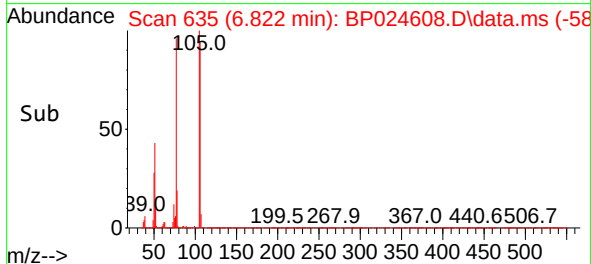
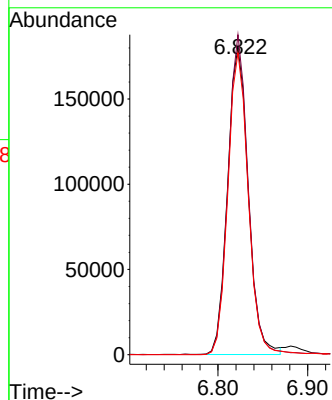
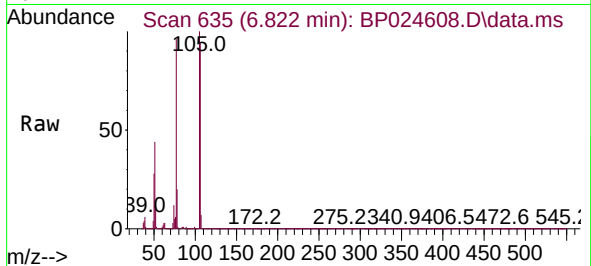




#9  
Benzaldehyde  
Concen: 47.521 ng  
RT: 6.822 min Scan# 61  
Delta R.T. -0.000 min  
Lab File: BP024608.D  
Acq: 12 May 2025 18:42

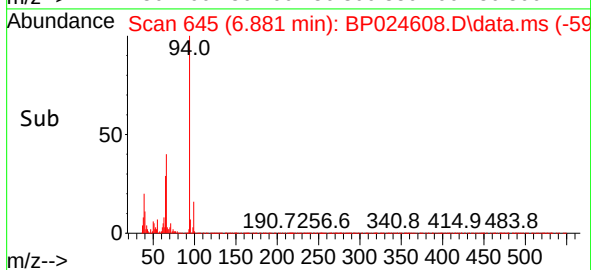
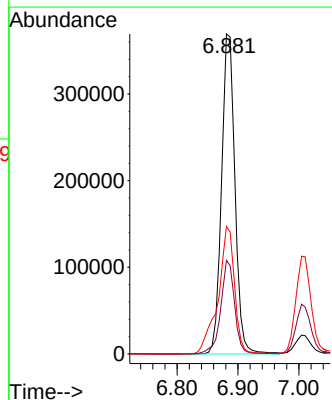
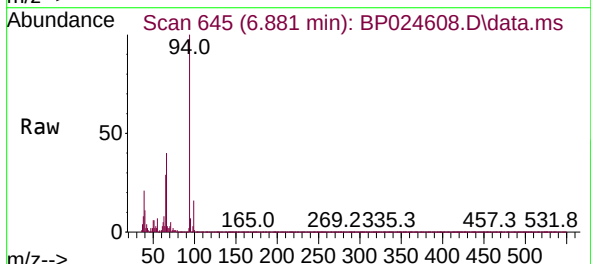
Instrument :  
BNA\_P  
ClientSampleId :

Tgt Ion: 77 Resp: 289704  
Ion Ratio Lower Upper  
77 100  
105 104.1 79.4 119.4  
106 98.2 75.3 115.3

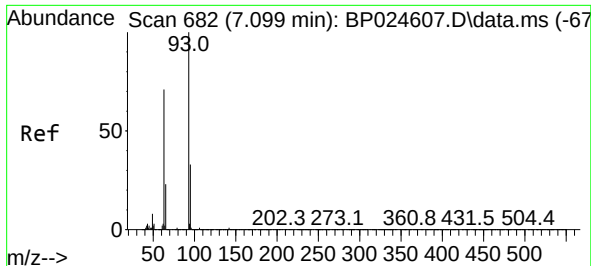


#10  
Phenol  
Concen: 51.571 ng  
RT: 6.881 min Scan# 645  
Delta R.T. -0.000 min  
Lab File: BP024608.D  
Acq: 12 May 2025 18:42

Tgt Ion: 94 Resp: 566334  
Ion Ratio Lower Upper  
94 100  
65 29.2 7.7 47.7  
66 39.8 19.2 59.2



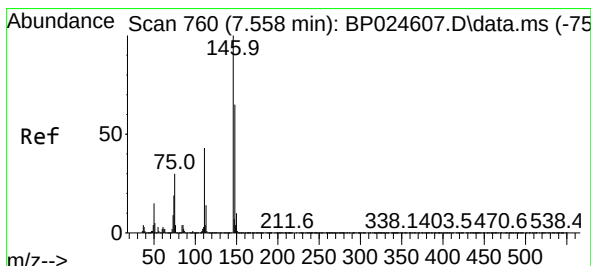
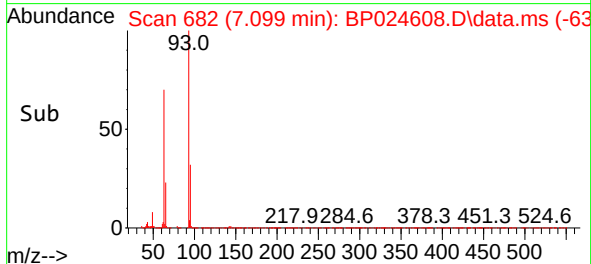
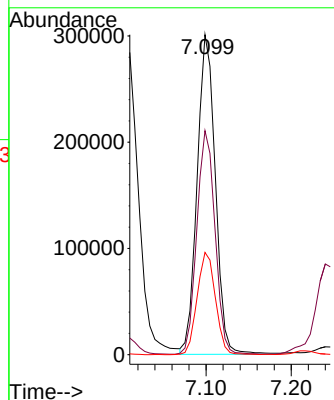
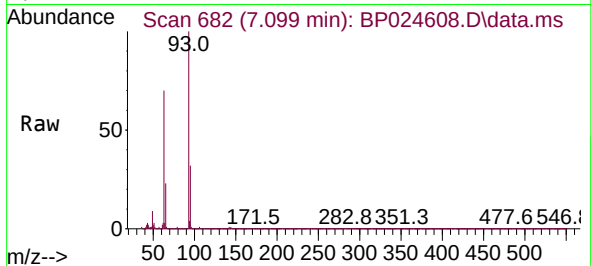




#11  
bis(2-Chloroethyl)ether  
Concen: 50.164 ng  
RT: 7.099 min Scan# 682  
Delta R.T. -0.000 min  
Lab File: BP024608.D  
Acq: 12 May 2025 18:42

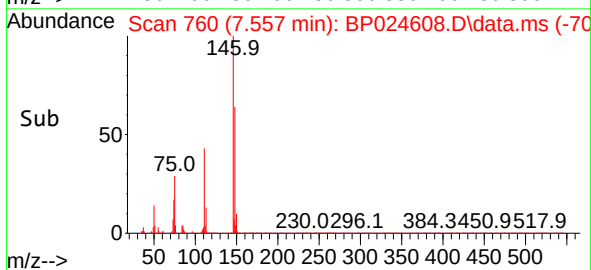
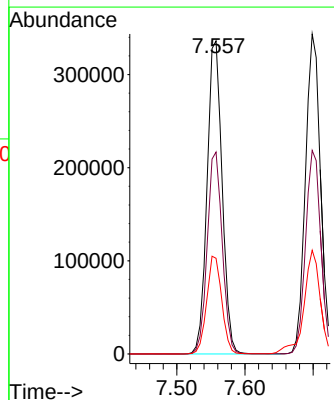
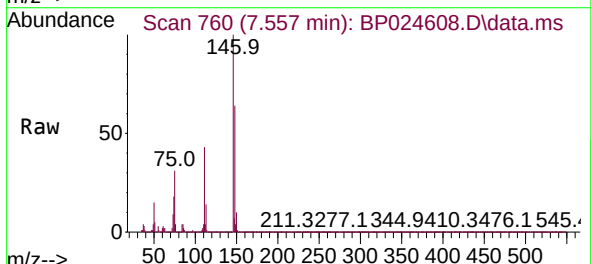
Instrument :  
BNA\_P  
ClientSampleId :

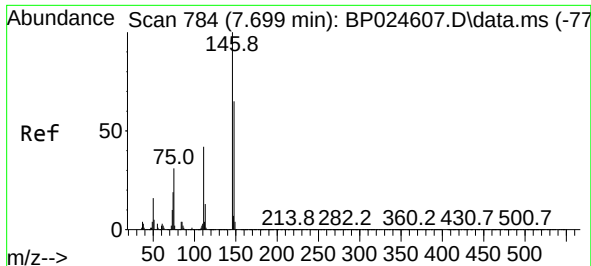
Tgt Ion: 93 Resp: 447378  
Ion Ratio Lower Upper  
93 100  
63 70.0 50.1 90.1  
95 31.9 12.6 52.6



#12  
1,3-Dichlorobenzene  
Concen: 48.614 ng  
RT: 7.557 min Scan# 760  
Delta R.T. -0.000 min  
Lab File: BP024608.D  
Acq: 12 May 2025 18:42

Tgt Ion: 146 Resp: 516215  
Ion Ratio Lower Upper  
146 100  
148 64.5 51.6 77.4  
75 30.6 24.2 36.2

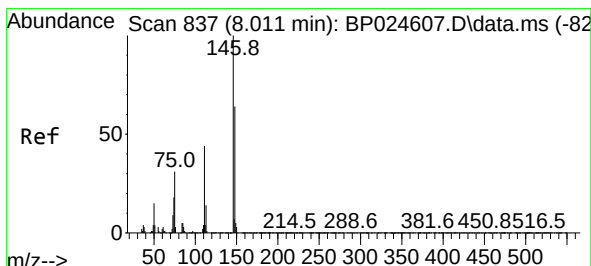
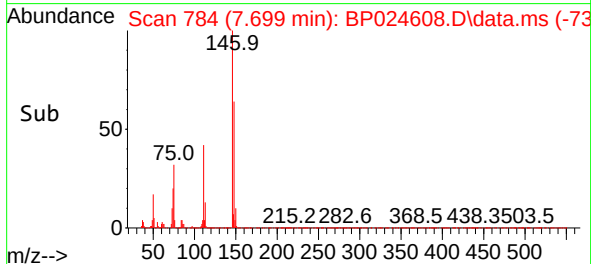
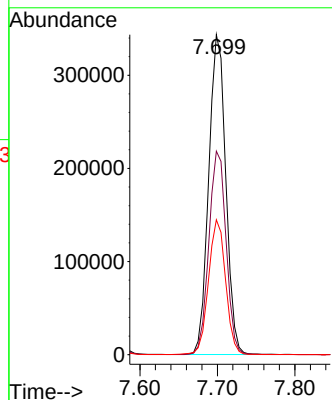
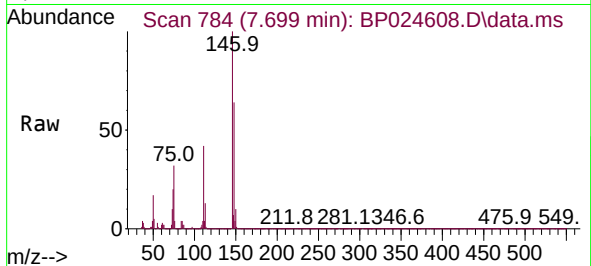




#13  
 1,4-Dichlorobenzene  
 Concen: 48.608 ng  
 RT: 7.699 min Scan# 784  
 Delta R.T. -0.000 min  
 Lab File: BP024608.D  
 Acq: 12 May 2025 18:42

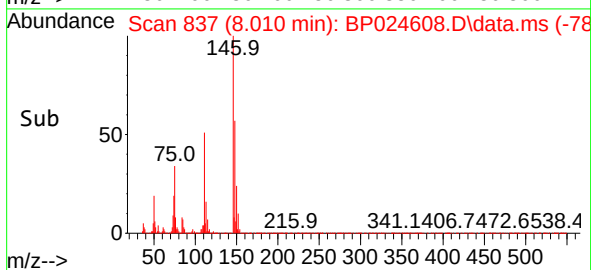
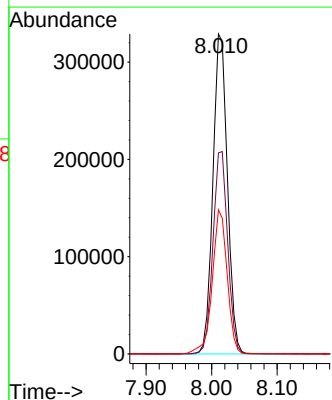
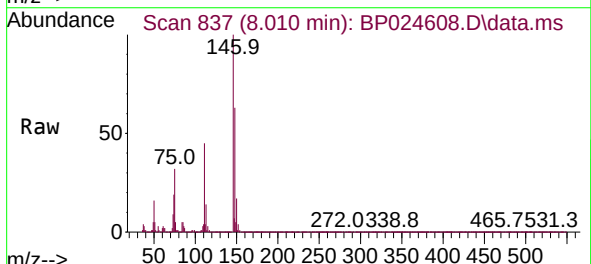
Instrument :  
 BNA\_P  
 ClientSampleId :

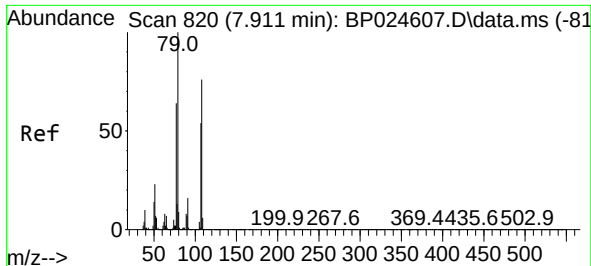
Tgt Ion:146 Resp: 525637  
 Ion Ratio Lower Upper  
 146 100  
 148 63.6 51.8 77.8  
 111 42.2 33.4 50.2



#14  
 1,2-Dichlorobenzene  
 Concen: 48.202 ng  
 RT: 8.010 min Scan# 837  
 Delta R.T. -0.000 min  
 Lab File: BP024608.D  
 Acq: 12 May 2025 18:42

Tgt Ion:146 Resp: 504489  
 Ion Ratio Lower Upper  
 146 100  
 148 62.9 51.4 77.2  
 111 45.1 35.3 52.9

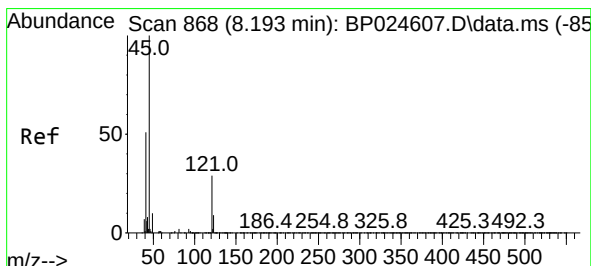
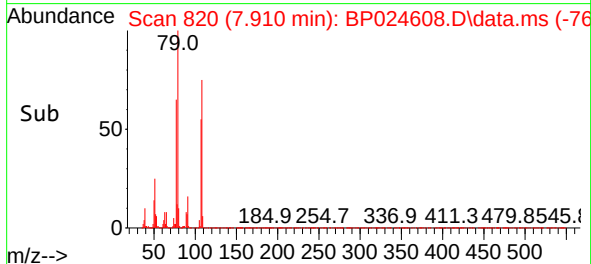
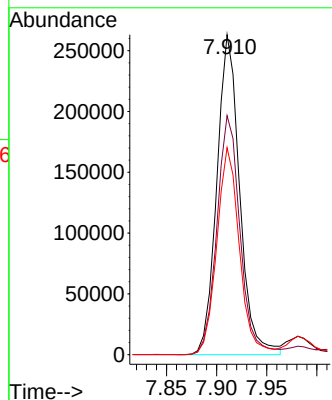
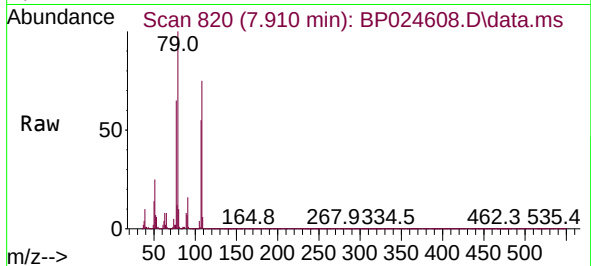




#15  
Benzyl Alcohol  
Concen: 54.812 ng  
RT: 7.910 min Scan# 811  
Delta R.T. -0.000 min  
Lab File: BP024608.D  
Acq: 12 May 2025 18:42

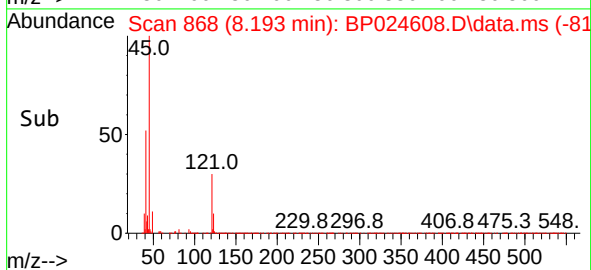
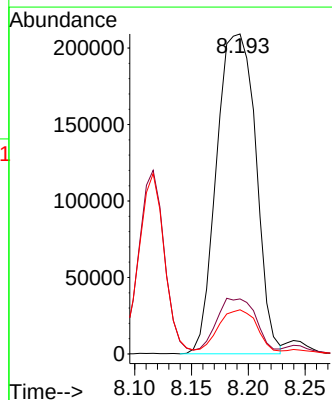
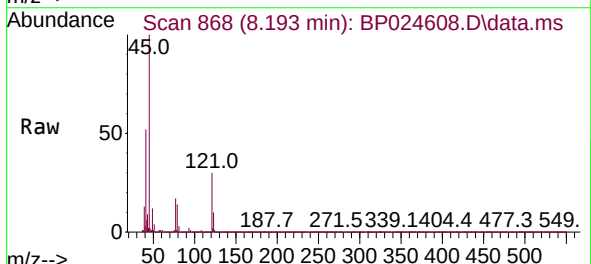
Instrument :  
BNA\_P  
ClientSampleId :

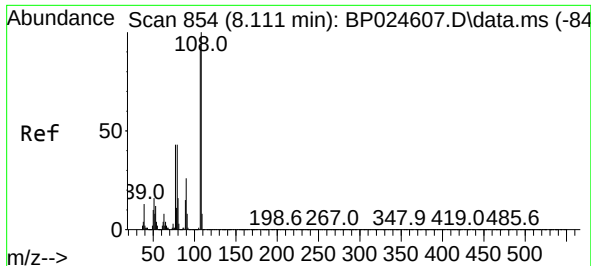
Tgt Ion: 79 Resp: 416637  
Ion Ratio Lower Upper  
79 100  
108 74.7 60.6 90.8  
77 64.7 51.1 76.7



#16  
2,2'-oxybis(1-Chloropropane)  
Concen: 49.107 ng  
RT: 8.193 min Scan# 868  
Delta R.T. -0.000 min  
Lab File: BP024608.D  
Acq: 12 May 2025 18:42

Tgt Ion: 45 Resp: 502203  
Ion Ratio Lower Upper  
45 100  
77 17.2 0.0 37.3  
79 13.8 0.0 33.7

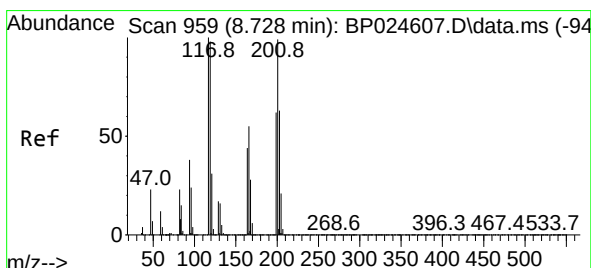
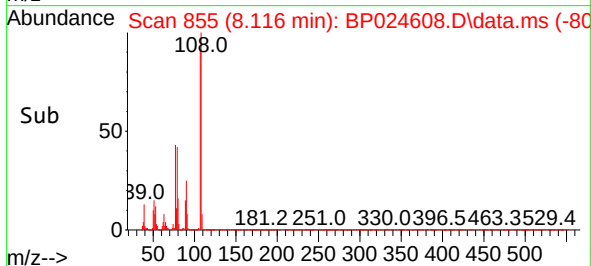
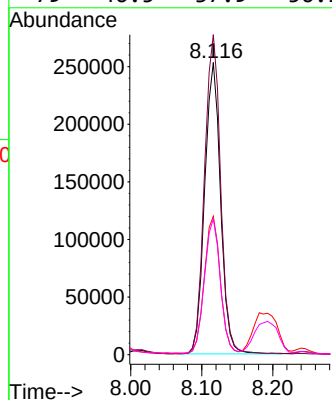
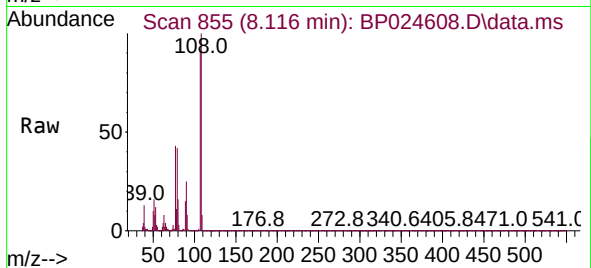




#17  
2-Methylphenol  
Concen: 52.239 ng  
RT: 8.116 min Scan# 854  
Delta R.T. 0.006 min  
Lab File: BP024608.D  
Acq: 12 May 2025 18:42

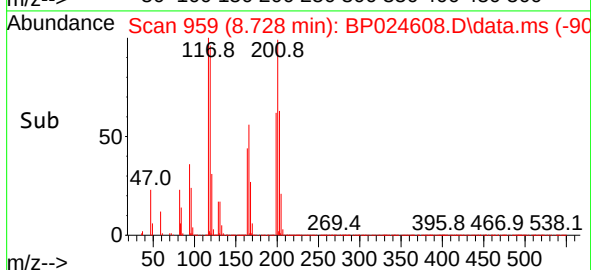
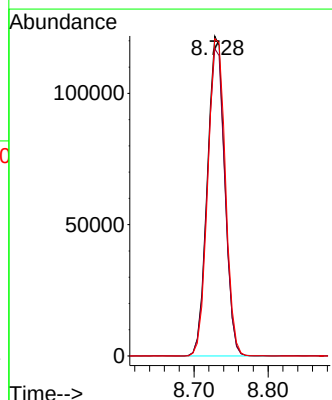
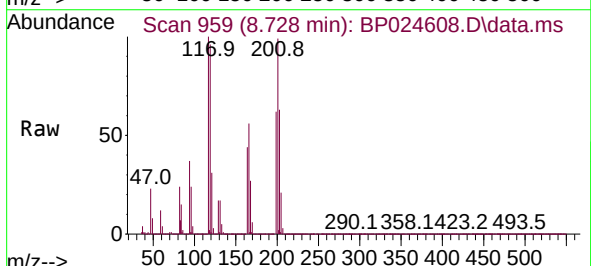
Instrument :  
BNA\_P  
ClientSampleId :

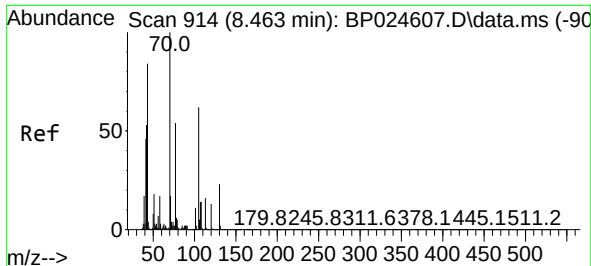
|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 107   | Resp: | 394481 |
| Ion      | Ratio | Lower | Upper  |
| 107      | 100   |       |        |
| 108      | 109.5 | 86.6  | 129.8  |
| 77       | 47.4  | 37.7  | 56.5   |
| 79       | 46.5  | 37.9  | 56.9   |



#18  
Hexachloroethane  
Concen: 48.483 ng  
RT: 8.728 min Scan# 959  
Delta R.T. -0.000 min  
Lab File: BP024608.D  
Acq: 12 May 2025 18:42

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 117   | Resp: | 198910 |
| Ion      | Ratio | Lower | Upper  |
| 117      | 100   |       |        |
| 119      | 96.0  | 78.6  | 118.0  |
| 201      | 99.1  | 79.4  | 119.2  |



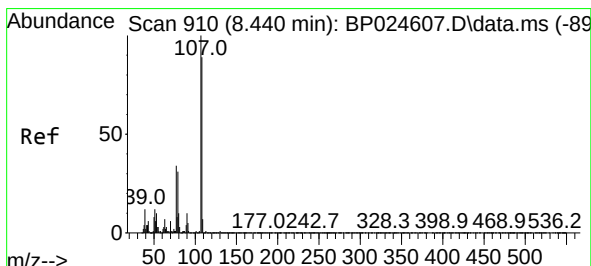
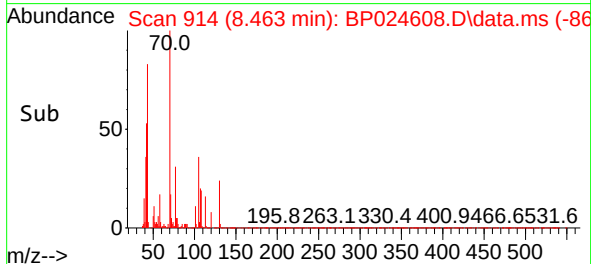
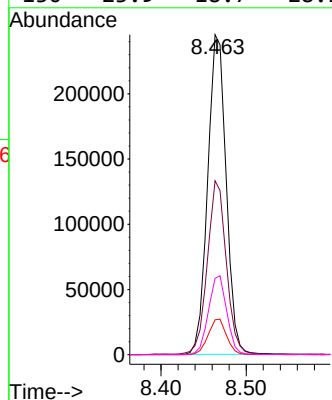
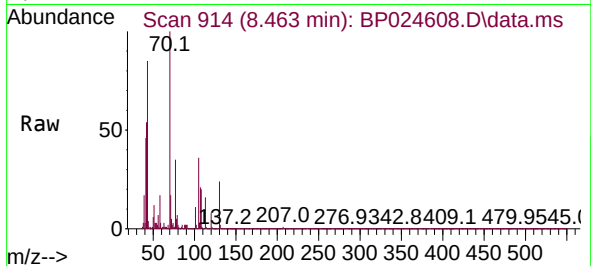


#19  
n-Nitroso-di-n-propylamine  
Concen: 50.188 ng  
RT: 8.463 min Scan# 914  
Delta R.T. -0.000 min  
Lab File: BP024608.D  
Acq: 12 May 2025 18:42

Instrument :  
BNA\_P  
ClientSampleId :

Tgt Ion: 70 Resp: 369088

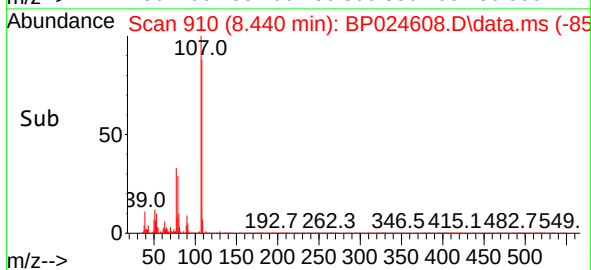
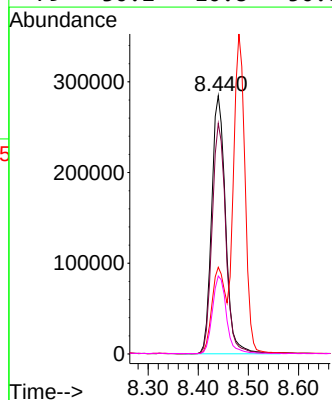
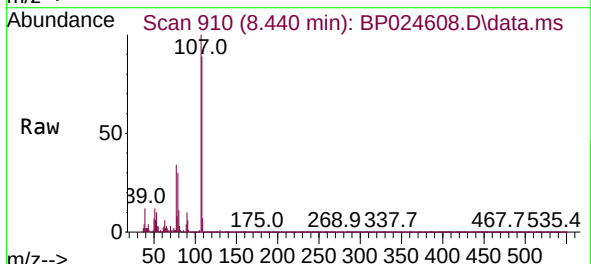
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 70  | 100   |       |       |
| 42  | 54.4  | 42.2  | 63.2  |
| 101 | 10.9  | 8.6   | 12.8  |
| 130 | 23.9  | 18.7  | 28.1  |

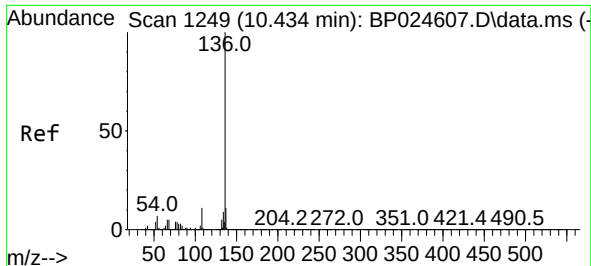


#20  
3+4-Methylphenols  
Concen: 52.597 ng  
RT: 8.440 min Scan# 910  
Delta R.T. -0.000 min  
Lab File: BP024608.D  
Acq: 12 May 2025 18:42

Tgt Ion: 107 Resp: 546753

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 107 | 100   |       |       |
| 108 | 89.3  | 68.7  | 108.7 |
| 77  | 33.6  | 13.9  | 53.9  |
| 79  | 30.2  | 10.8  | 50.8  |

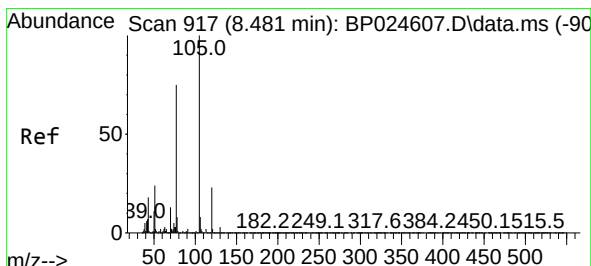
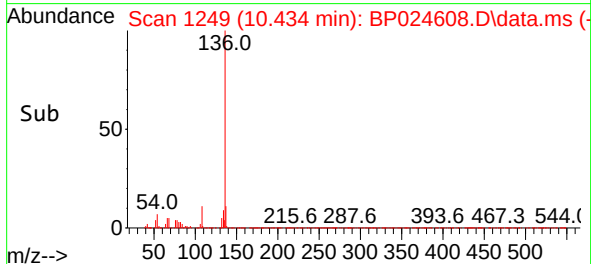
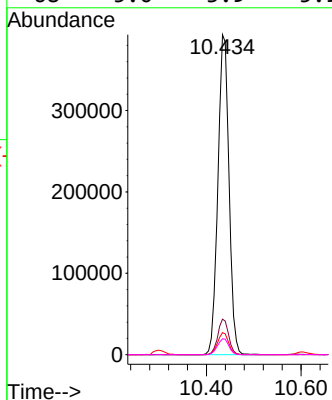
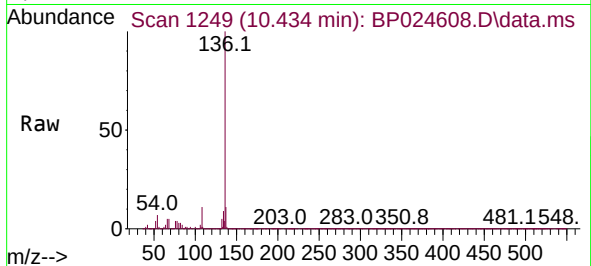




#21  
Naphthalene-d8  
Concen: 20.000 ng  
RT: 10.434 min Scan# 1249  
Delta R.T. -0.000 min  
Lab File: BP024608.D  
Acq: 12 May 2025 18:42

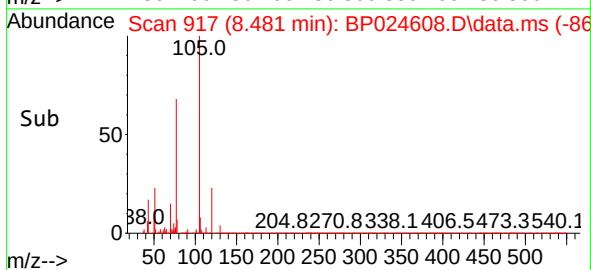
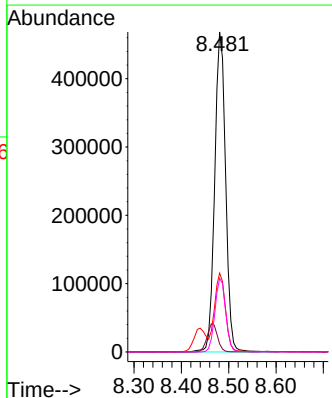
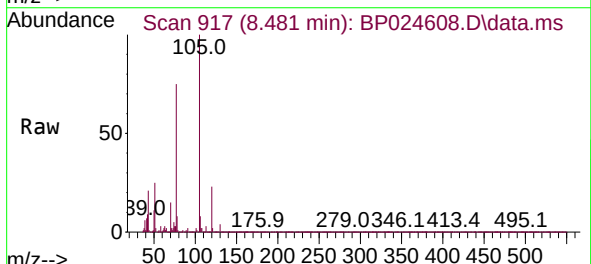
Instrument :  
BNA\_P  
ClientSampleId :

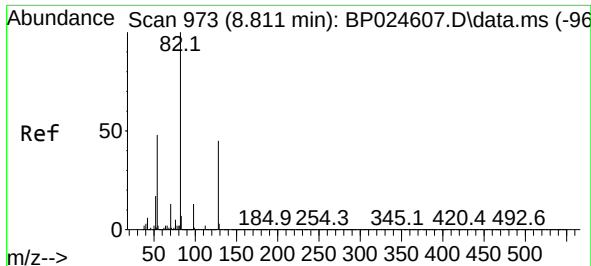
|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 136   | Resp: | 636656 |
| Ion Ratio | Lower | Upper |        |
| 136       | 100   |       |        |
| 137       | 11.1  | 9.0   | 13.4   |
| 54        | 6.9   | 5.8   | 8.6    |
| 68        | 5.0   | 3.9   | 5.9    |



#22  
Acetophenone  
Concen: 49.128 ng  
RT: 8.481 min Scan# 917  
Delta R.T. -0.000 min  
Lab File: BP024608.D  
Acq: 12 May 2025 18:42

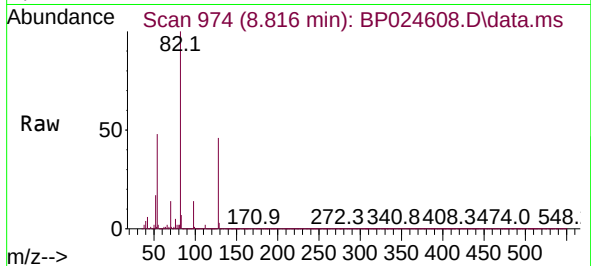
|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 105   | Resp: | 748961 |
| Ion Ratio | Lower | Upper |        |
| 105       | 100   |       |        |
| 71        | 2.5   | 1.8   | 2.6    |
| 51        | 24.6  | 19.7  | 29.5   |
| 120       | 23.0  | 18.4  | 27.6   |



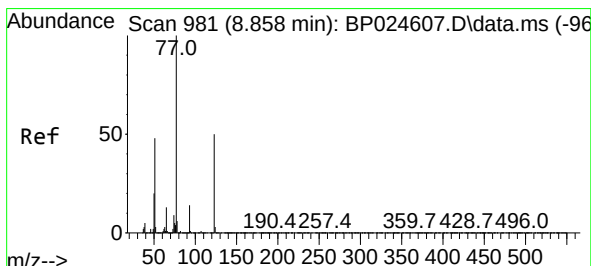
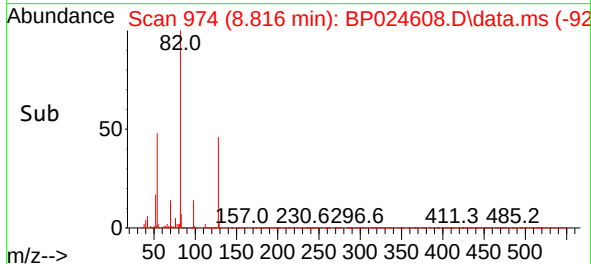
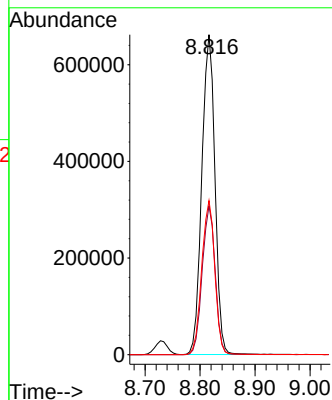


#23  
Nitrobenzene-d5  
Concen: 99.389 ng  
RT: 8.816 min Scan# 91  
Delta R.T. 0.006 min  
Lab File: BP024608.D  
Acq: 12 May 2025 18:42

Instrument :  
BNA\_P  
ClientSampleId :

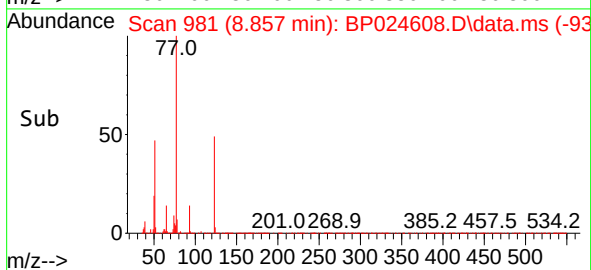
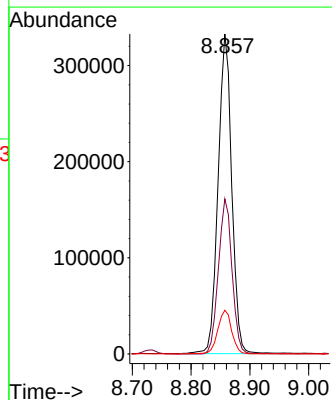
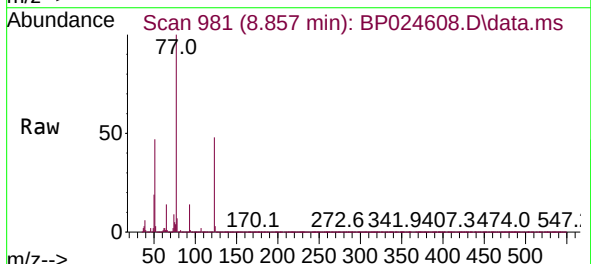


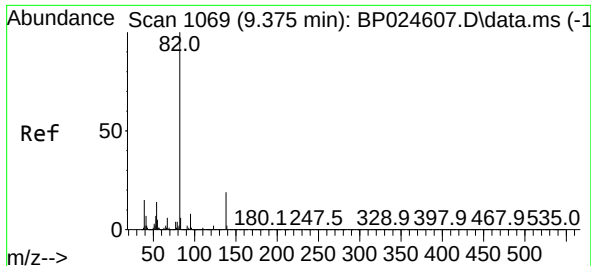
Tgt Ion: 82 Resp: 1100904  
Ion Ratio Lower Upper  
82 100  
128 46.5 36.2 54.2  
54 48.1 38.4 57.6



#24  
Nitrobenzene  
Concen: 49.744 ng  
RT: 8.857 min Scan# 981  
Delta R.T. -0.000 min  
Lab File: BP024608.D  
Acq: 12 May 2025 18:42

Tgt Ion: 77 Resp: 534613  
Ion Ratio Lower Upper  
77 100  
123 48.4 39.7 59.5  
65 13.6 10.8 16.2

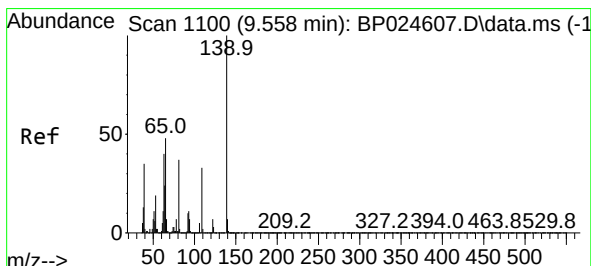
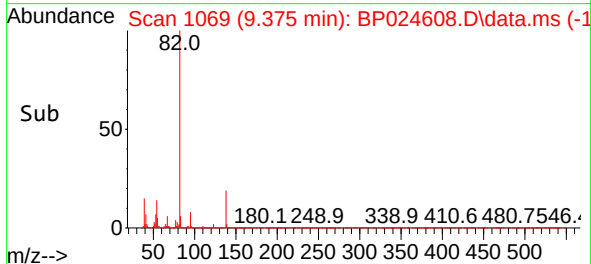
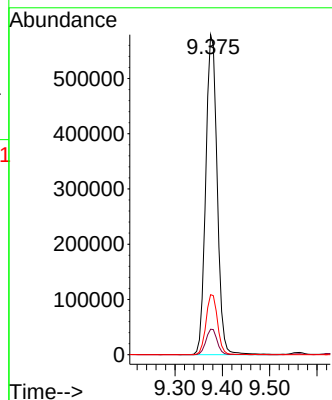
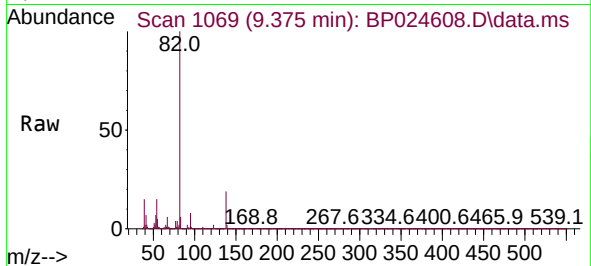




#25  
Isophorone  
Concen: 49.747 ng  
RT: 9.375 min Scan# 1069  
Delta R.T. -0.000 min  
Lab File: BP024608.D  
Acq: 12 May 2025 18:42

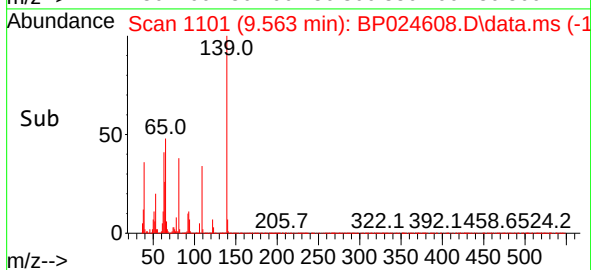
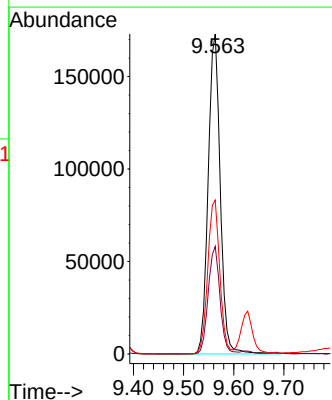
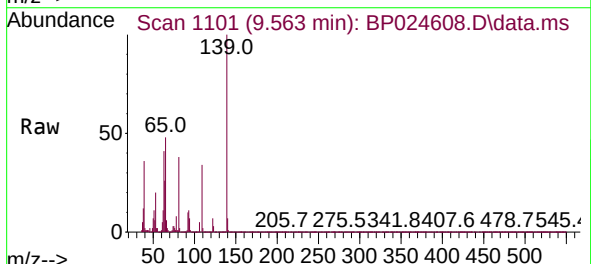
Instrument :  
BNA\_P  
ClientSampleId :

Tgt Ion: 82 Resp: 965795  
Ion Ratio Lower Upper  
82 100  
95 7.9 6.5 9.7  
138 18.7 15.2 22.8

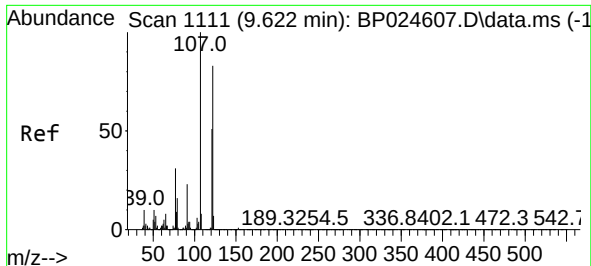


#26  
2-Nitrophenol  
Concen: 52.698 ng  
RT: 9.563 min Scan# 1101  
Delta R.T. 0.006 min  
Lab File: BP024608.D  
Acq: 12 May 2025 18:42

Tgt Ion: 139 Resp: 289691  
Ion Ratio Lower Upper  
139 100  
109 33.6 26.3 39.5  
65 48.1 38.3 57.5







#27

2,4-Dimethylphenol

Concen: 50.978 ng

RT: 9.628 min Scan# 1111

Delta R.T. 0.006 min

Lab File: BP024608.D

Acq: 12 May 2025 18:42

Instrument :

BNA\_P

ClientSampleId :

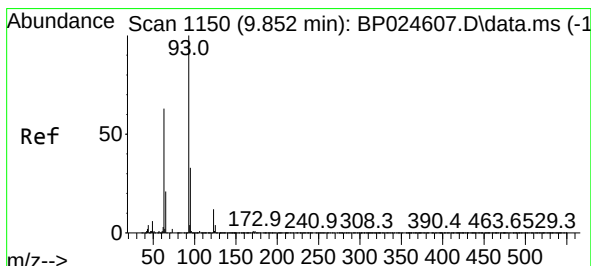
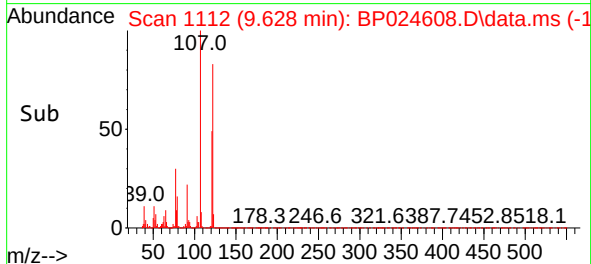
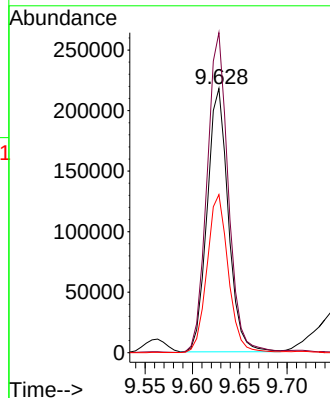
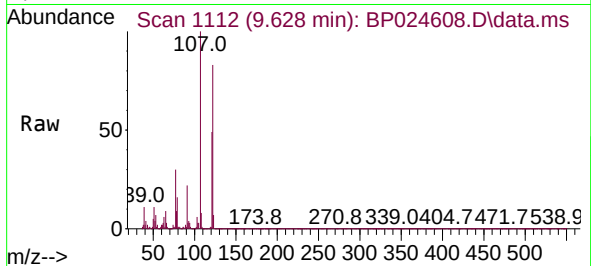
Tgt Ion:122 Resp: 338207

Ion Ratio Lower Upper

122 100

107 121.1 96.5 144.7

121 59.8 48.8 73.2



#28

bis(2-Chloroethoxy)methane

Concen: 49.720 ng

RT: 9.851 min Scan# 1150

Delta R.T. -0.000 min

Lab File: BP024608.D

Acq: 12 May 2025 18:42

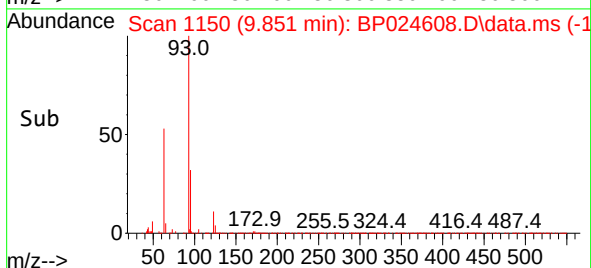
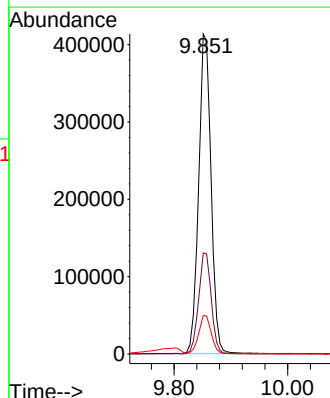
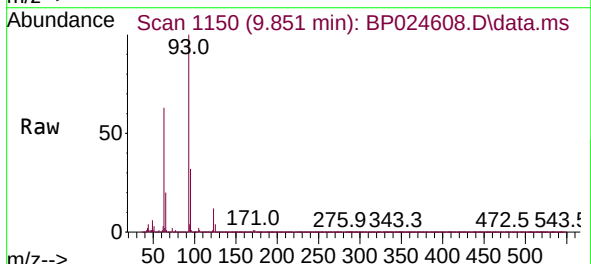
Tgt Ion: 93 Resp: 627150

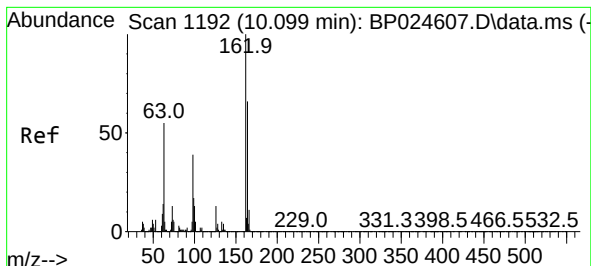
Ion Ratio Lower Upper

93 100

95 31.5 26.0 39.0

123 12.0 9.7 14.5





#29

2,4-Dichlorophenol

Concen: 52.008 ng

RT: 10.099 min Scan# 1192

Delta R.T. -0.000 min

Lab File: BP024608.D

Acq: 12 May 2025 18:42

Instrument :

BNA\_P

ClientSampleId :

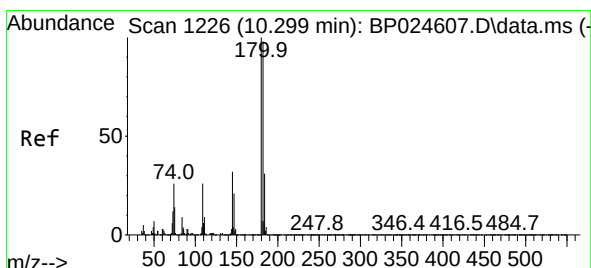
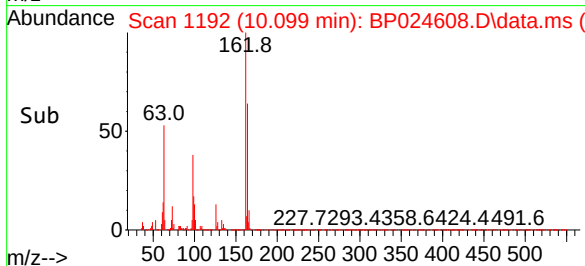
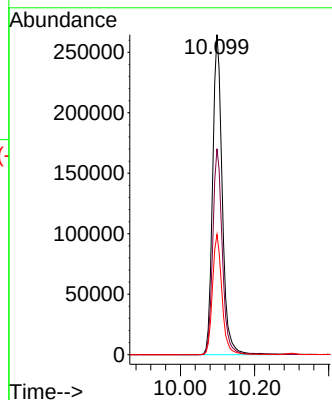
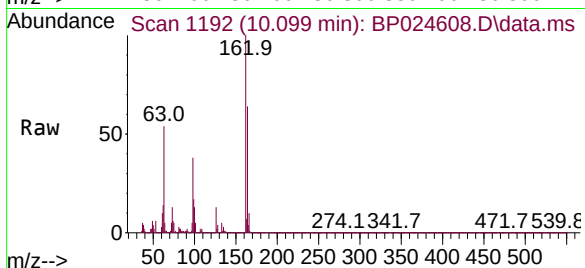
Tgt Ion:162 Resp: 477747

Ion Ratio Lower Upper

162 100

164 64.3 45.8 85.8

98 37.5 18.8 58.8



#30

1,2,4-Trichlorobenzene

Concen: 48.352 ng

RT: 10.299 min Scan# 1226

Delta R.T. -0.000 min

Lab File: BP024608.D

Acq: 12 May 2025 18:42

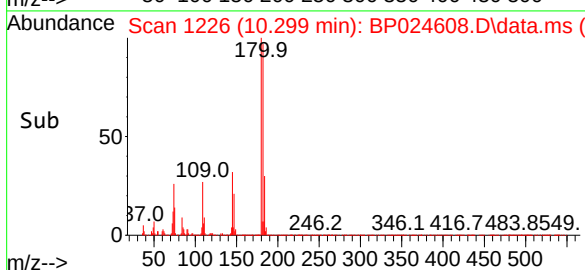
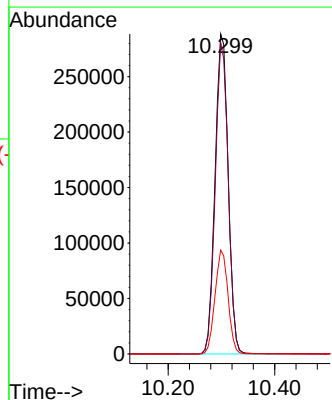
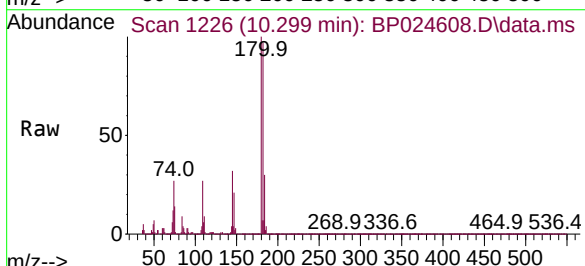
Tgt Ion:180 Resp: 494183

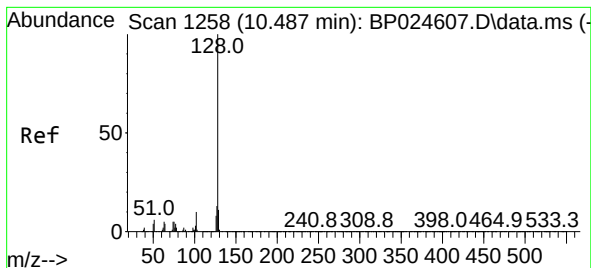
Ion Ratio Lower Upper

180 100

182 97.3 78.2 117.2

145 32.5 25.3 37.9





#31

Naphthalene

Concen: 48.316 ng

RT: 10.487 min Scan# 1142

Delta R.T. -0.000 min

Lab File: BP024608.D

Acq: 12 May 2025 18:42

Instrument :

BNA\_P

ClientSampleId :

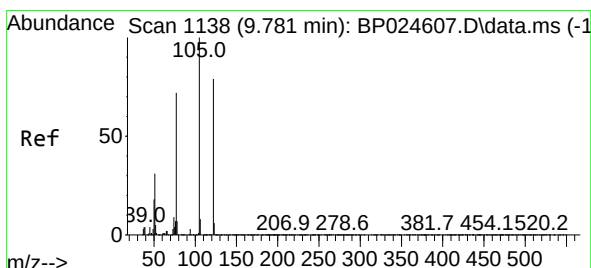
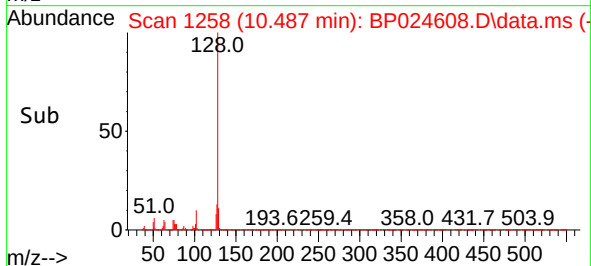
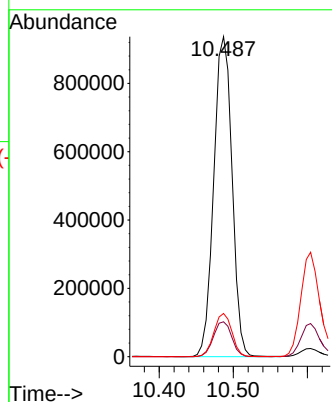
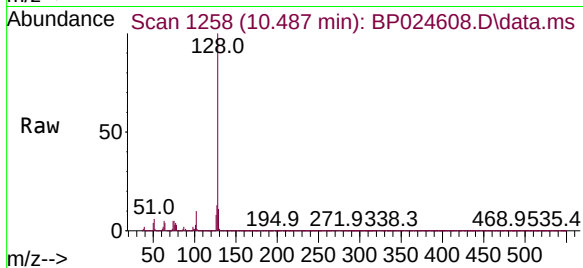
Tgt Ion:128 Resp: 1604352

Ion Ratio Lower Upper

128 100

129 10.9 8.7 13.1

127 13.5 10.7 16.1



#32

Benzoic acid

Concen: 48.986 ng

RT: 9.804 min Scan# 1142

Delta R.T. 0.023 min

Lab File: BP024608.D

Acq: 12 May 2025 18:42

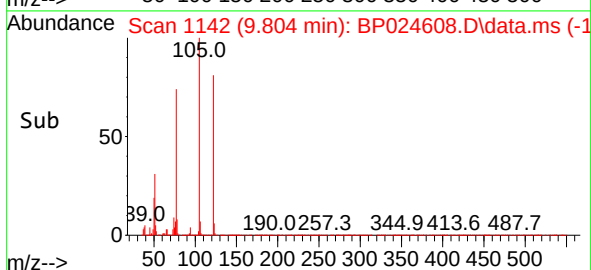
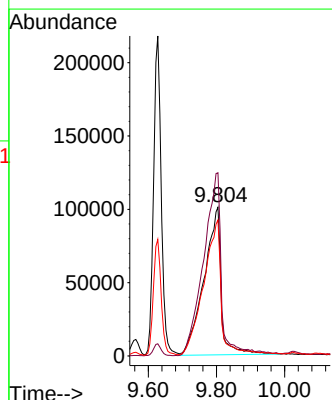
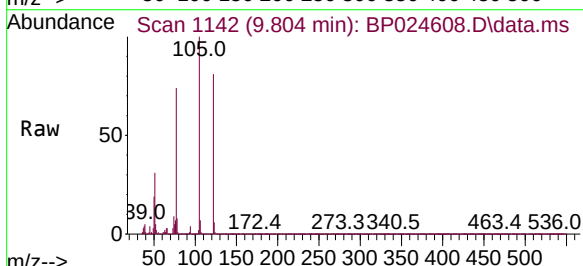
Tgt Ion:122 Resp: 355171

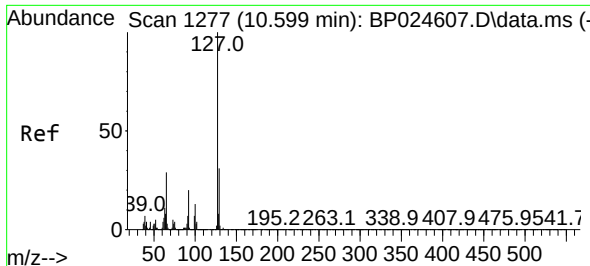
Ion Ratio Lower Upper

122 100

105 123.2 104.5 144.5

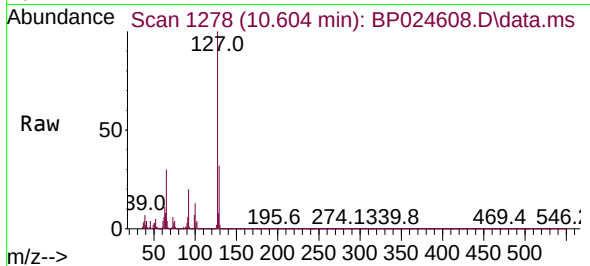
77 91.5 71.1 111.1



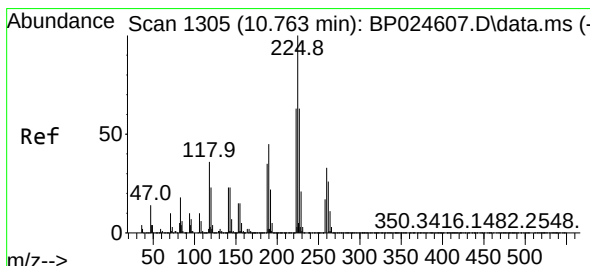
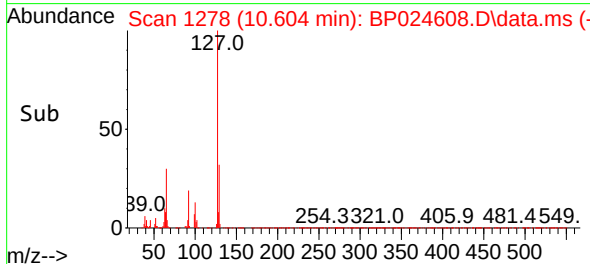
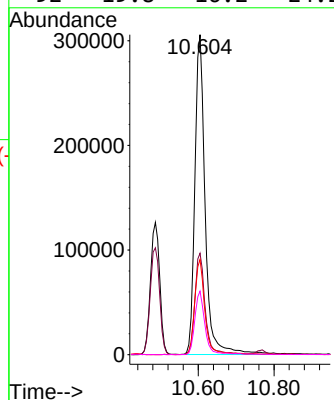


#33  
4-Chloroaniline  
Concen: 52.035 ng  
RT: 10.604 min Scan# 1278  
Delta R.T. 0.006 min  
Lab File: BP024608.D  
Acq: 12 May 2025 18:42

Instrument :  
BNA\_P  
ClientSampleId :

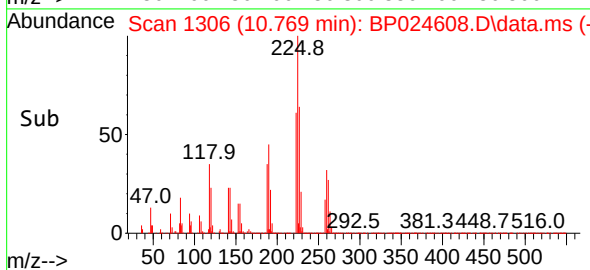
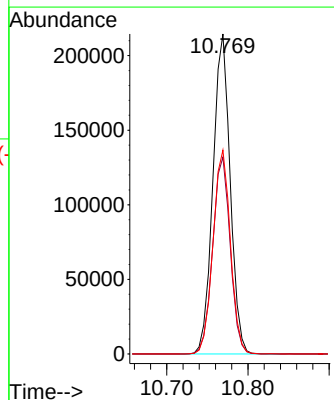
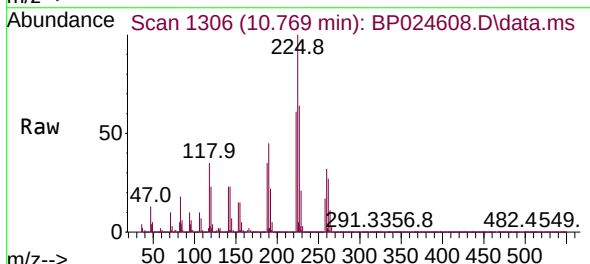


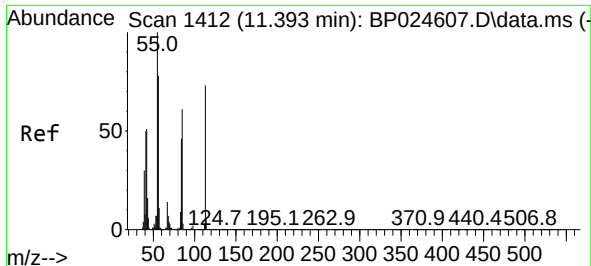
|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 127   | Resp: | 582128 |
| Ion      | Ratio | Lower | Upper  |
| 127      | 100   |       |        |
| 129      | 31.7  | 25.3  | 37.9   |
| 65       | 29.8  | 23.4  | 35.2   |
| 92       | 19.8  | 16.2  | 24.2   |



#34  
Hexachlorobutadiene  
Concen: 47.901 ng  
RT: 10.769 min Scan# 1306  
Delta R.T. 0.006 min  
Lab File: BP024608.D  
Acq: 12 May 2025 18:42

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 225   | Resp: | 315698 |
| Ion      | Ratio | Lower | Upper  |
| 225      | 100   |       |        |
| 223      | 61.5  | 50.7  | 76.1   |
| 227      | 63.7  | 50.4  | 75.6   |

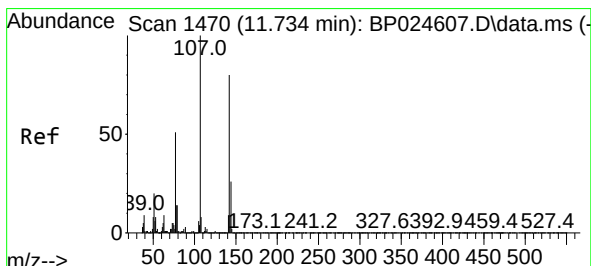
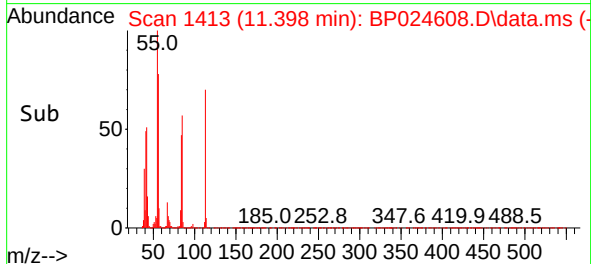
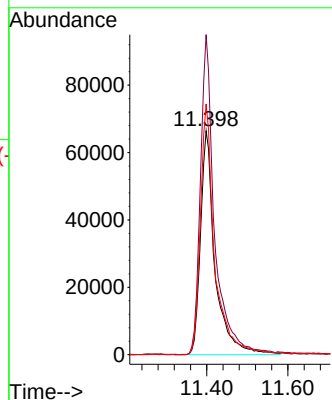
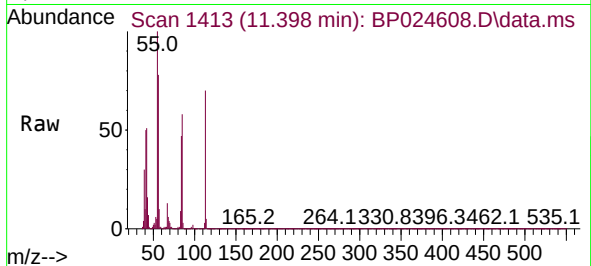




#35  
Caprolactam  
Concen: 51.476 ng  
RT: 11.398 min Scan# 1412  
Delta R.T. 0.006 min  
Lab File: BP024608.D  
Acq: 12 May 2025 18:42

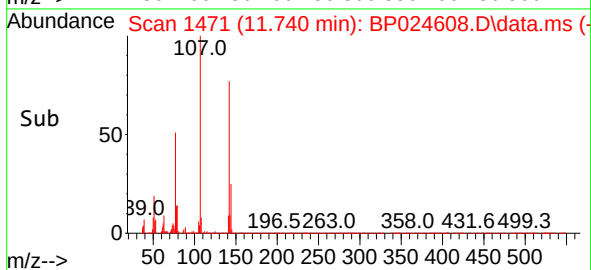
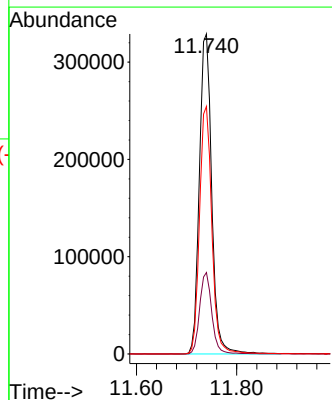
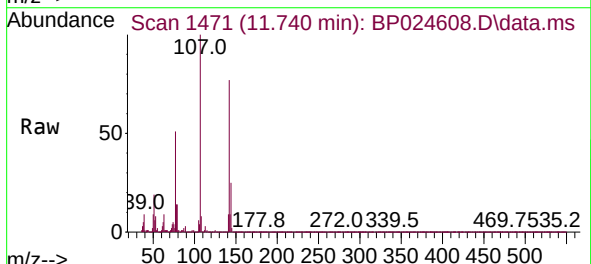
Instrument :  
BNA\_P  
ClientSampleId :

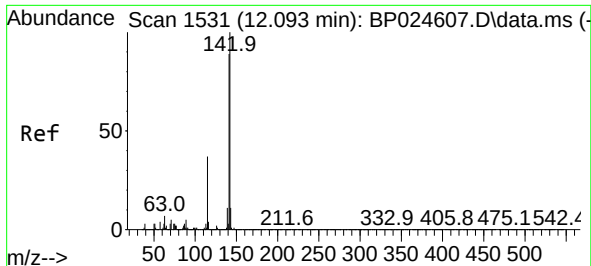
Tgt Ion:113 Resp: 165189  
Ion Ratio Lower Upper  
113 100  
55 142.9 117.8 157.8  
56 112.0 87.5 127.5



#36  
4-Chloro-3-methylphenol  
Concen: 49.926 ng  
RT: 11.740 min Scan# 1471  
Delta R.T. 0.006 min  
Lab File: BP024608.D  
Acq: 12 May 2025 18:42

Tgt Ion:107 Resp: 561391  
Ion Ratio Lower Upper  
107 100  
144 25.4 20.6 31.0  
142 77.3 63.7 95.5

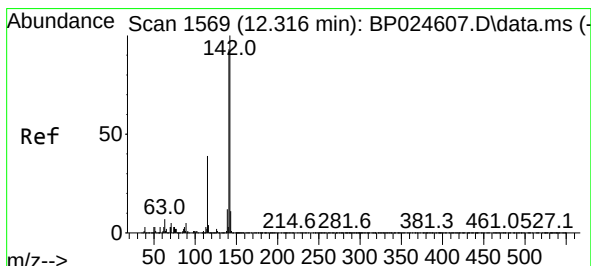
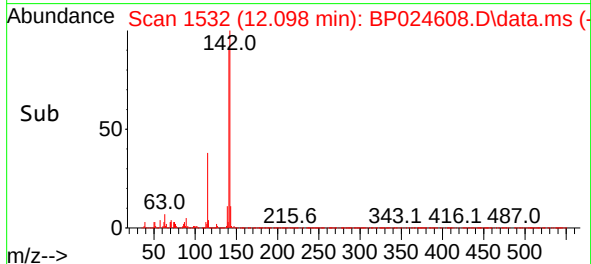
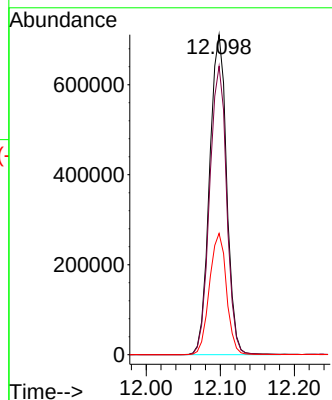
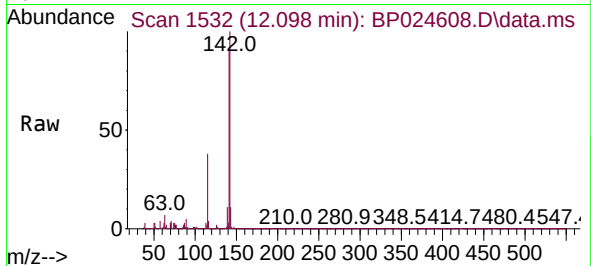




#37  
2-Methylnaphthalene  
Concen: 48.938 ng  
RT: 12.098 min Scan# 11  
Delta R.T. 0.006 min  
Lab File: BP024608.D  
Acq: 12 May 2025 18:42

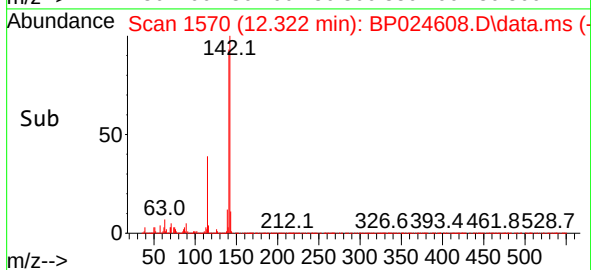
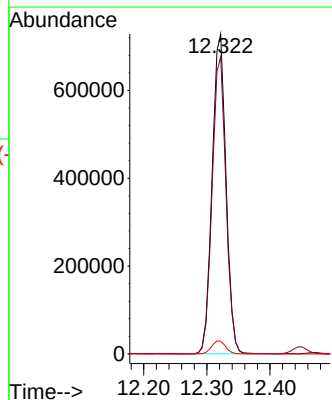
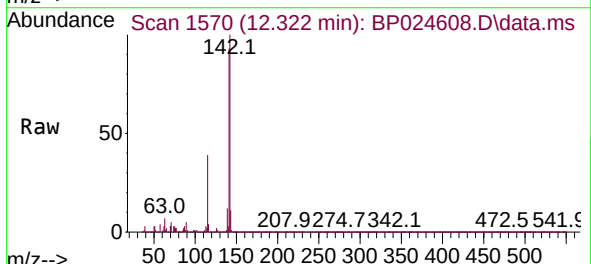
Instrument :  
BNA\_P  
ClientSampleId :

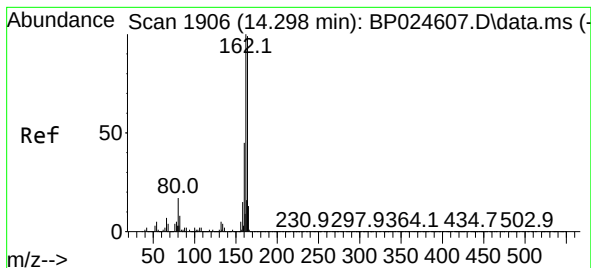
Tgt Ion:142 Resp: 1138927  
Ion Ratio Lower Upper  
142 100  
141 90.2 71.0 106.6  
115 37.9 29.9 44.9



#38  
1-Methylnaphthalene  
Concen: 48.226 ng  
RT: 12.322 min Scan# 1570  
Delta R.T. 0.006 min  
Lab File: BP024608.D  
Acq: 12 May 2025 18:42

Tgt Ion:142 Resp: 1109251  
Ion Ratio Lower Upper  
142 100  
141 92.8 74.3 111.5  
116 4.0 3.3 4.9





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.298 min Scan# 1906

Delta R.T. -0.000 min

Lab File: BP024608.D

Acq: 12 May 2025 18:42

Instrument :

BNA\_P

ClientSampleId :

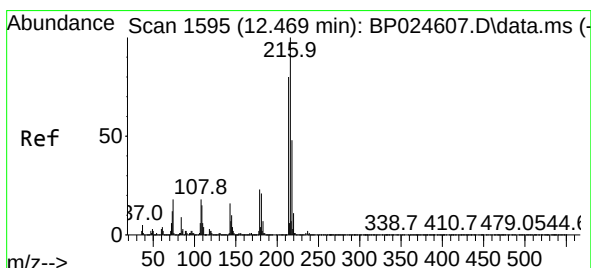
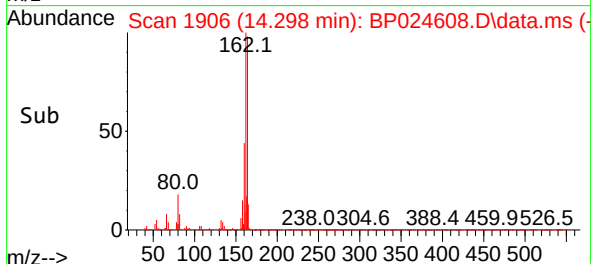
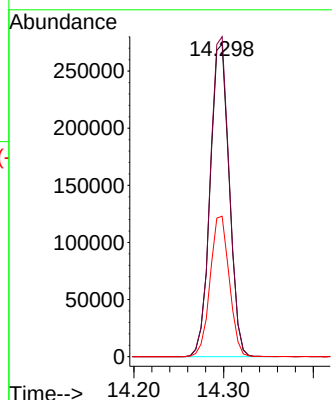
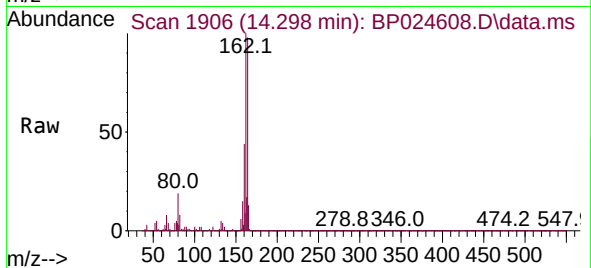
Tgt Ion:164 Resp: 403739

Ion Ratio Lower Upper

164 100

162 102.4 81.1 121.7

160 44.9 36.2 54.2



#40

1,2,4,5-Tetrachlorobenzene

Concen: 50.308 ng

RT: 12.475 min Scan# 1596

Delta R.T. 0.006 min

Lab File: BP024608.D

Acq: 12 May 2025 18:42

Tgt Ion:216 Resp: 566781

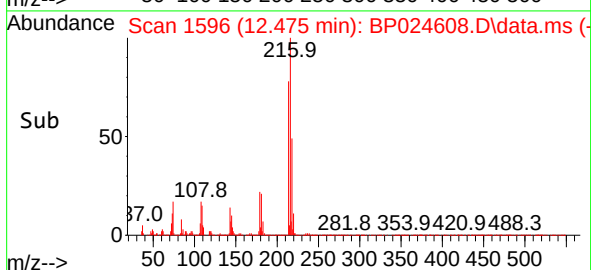
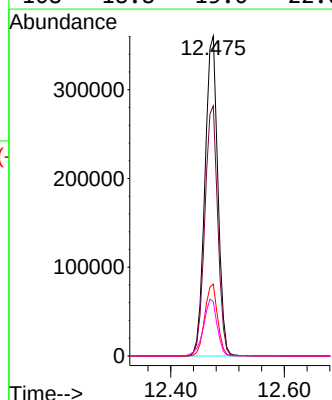
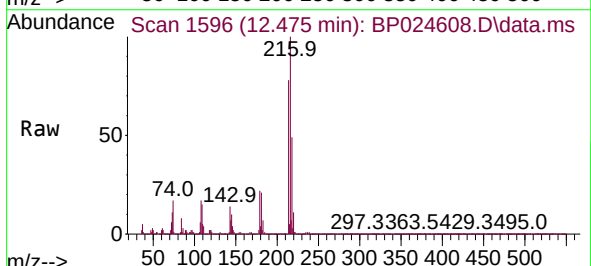
Ion Ratio Lower Upper

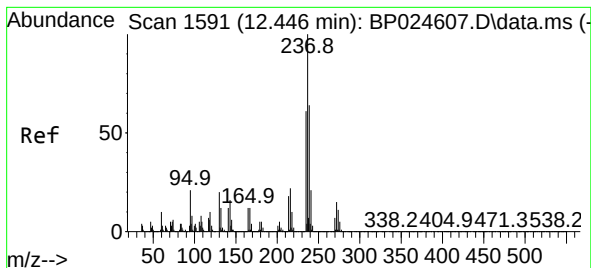
216 100

214 78.4 62.7 94.1

179 22.3 18.0 27.0

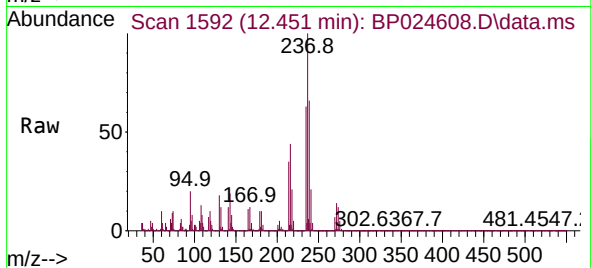
108 18.8 15.0 22.6



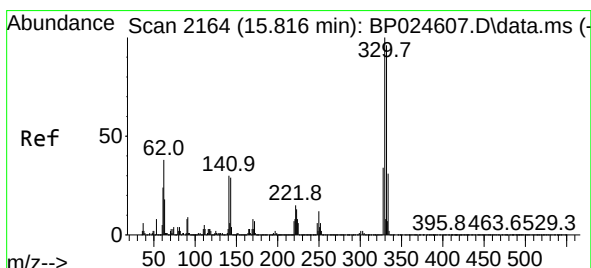
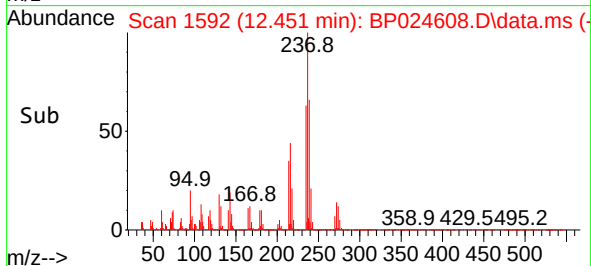
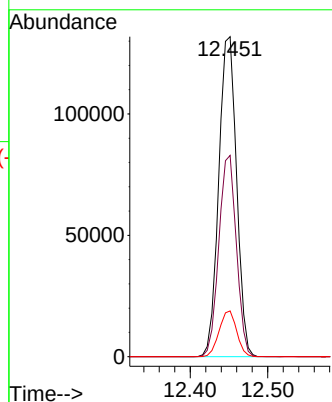


#41  
Hexachlorocyclopentadiene  
Concen: 56.980 ng  
RT: 12.451 min Scan# 1  
Delta R.T. 0.006 min  
Lab File: BP024608.D  
Acq: 12 May 2025 18:42

Instrument :  
BNA\_P  
ClientSampleId :

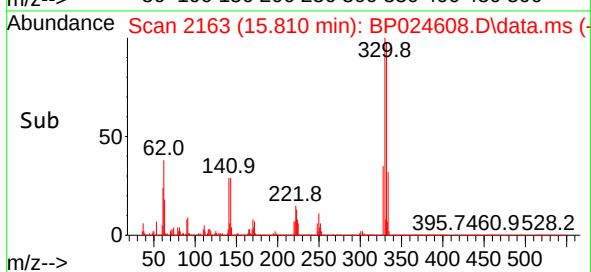
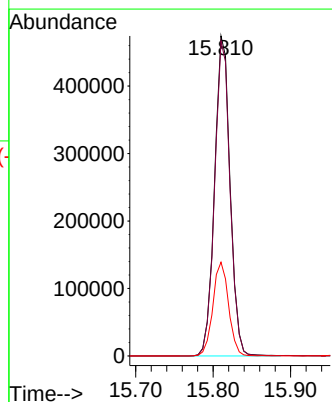
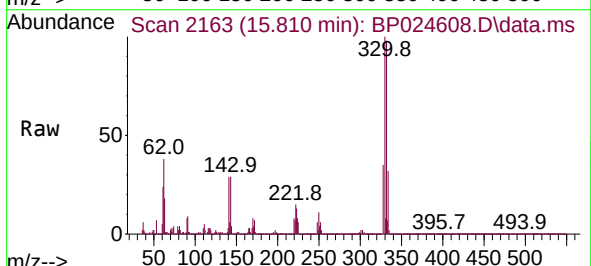


Tgt Ion:237 Resp: 210496  
Ion Ratio Lower Upper  
237 100  
235 62.9 41.3 81.3  
272 14.3 0.0 34.6

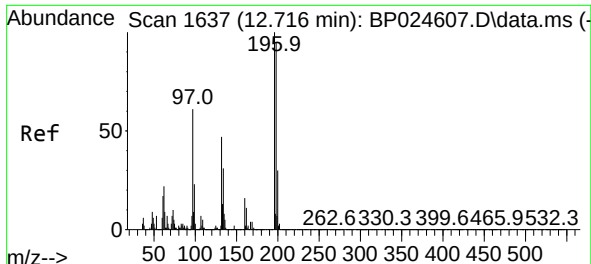


#42  
2,4,6-Tribromophenol  
Concen: 99.745 ng  
RT: 15.810 min Scan# 2163  
Delta R.T. -0.006 min  
Lab File: BP024608.D  
Acq: 12 May 2025 18:42

Tgt Ion:330 Resp: 660002  
Ion Ratio Lower Upper  
330 100  
332 97.9 77.9 116.9  
141 29.7 23.3 34.9



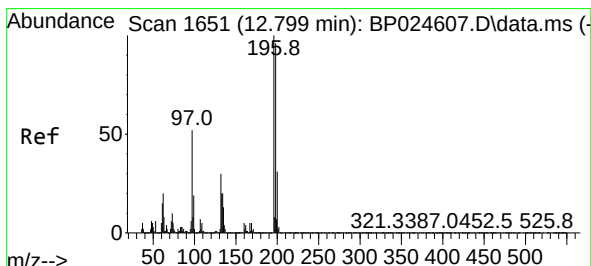
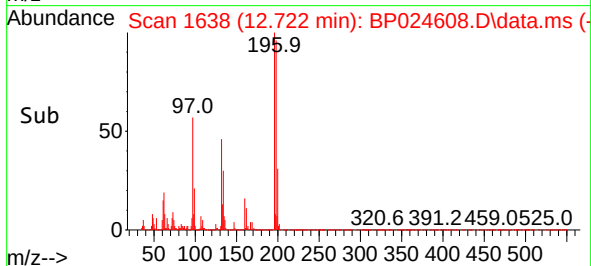
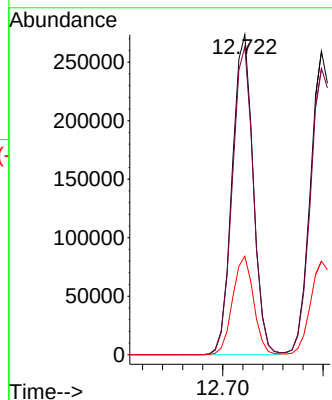
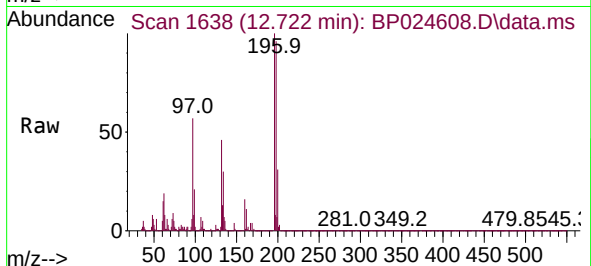




#43  
2,4,6-Trichlorophenol  
Concen: 52.380 ng  
RT: 12.722 min Scan# 1638  
Delta R.T. 0.006 min  
Lab File: BP024608.D  
Acq: 12 May 2025 18:42

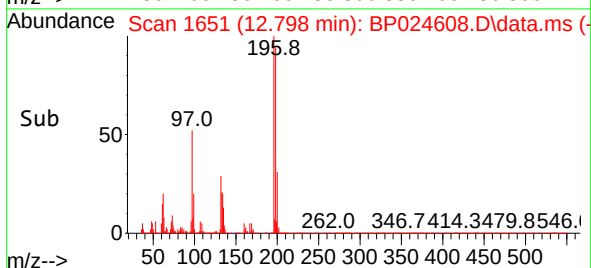
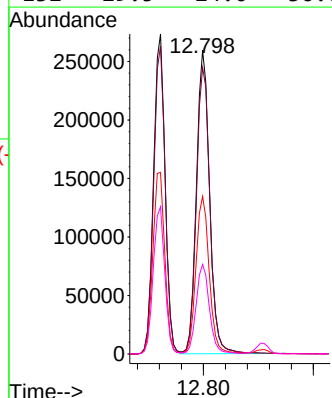
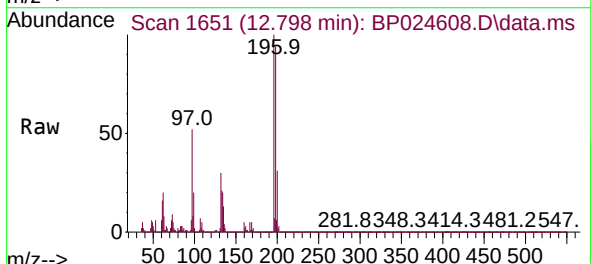
Instrument :  
BNA\_P  
ClientSampleId :

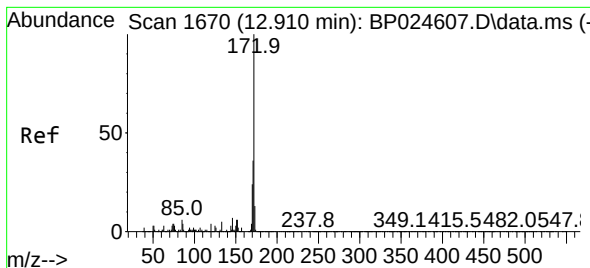
Tgt Ion:196 Resp: 396736  
Ion Ratio Lower Upper  
196 100  
198 96.3 76.0 114.0  
200 30.8 24.3 36.5



#44  
2,4,5-Trichlorophenol  
Concen: 51.392 ng  
RT: 12.798 min Scan# 1651  
Delta R.T. -0.000 min  
Lab File: BP024608.D  
Acq: 12 May 2025 18:42

Tgt Ion:196 Resp: 433223  
Ion Ratio Lower Upper  
196 100  
198 94.3 76.9 115.3  
97 51.9 41.6 62.4  
132 29.5 24.0 36.0

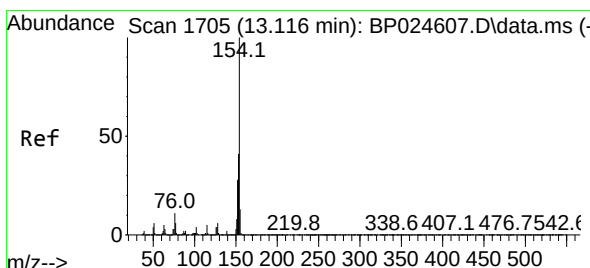
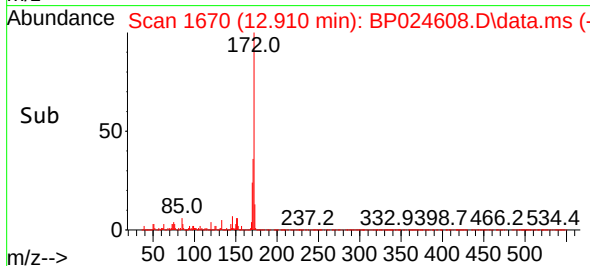
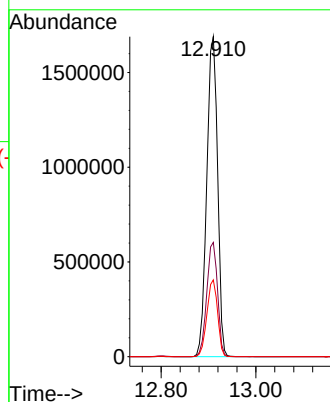
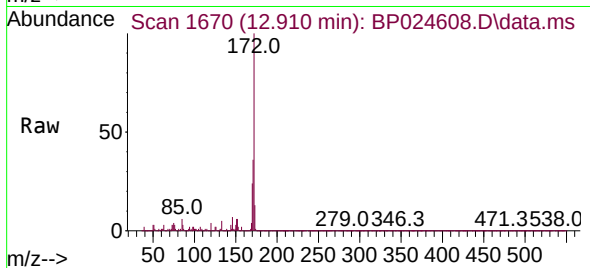




#45  
2-Fluorobiphenyl  
Concen: 99.003 ng  
RT: 12.910 min Scan# 1670  
Delta R.T. -0.000 min  
Lab File: BP024608.D  
Acq: 12 May 2025 18:42

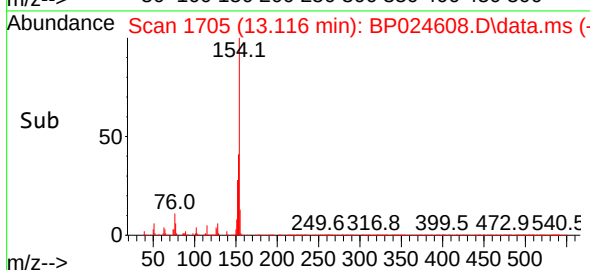
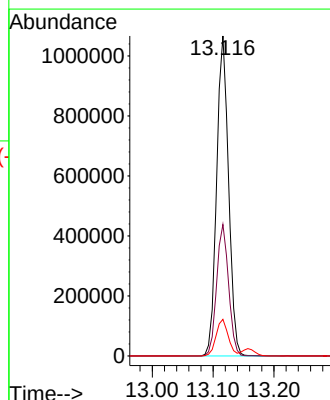
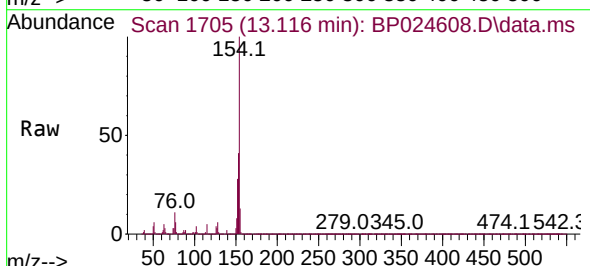
Instrument :  
BNA\_P  
ClientSampleId :

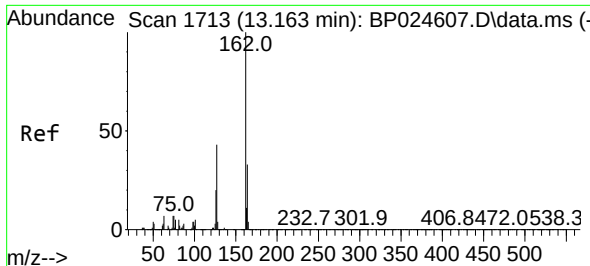
Tgt Ion:172 Resp: 2672191  
Ion Ratio Lower Upper  
172 100  
171 35.7 28.7 43.1  
170 24.0 19.0 28.4



#46  
1,1'-Biphenyl  
Concen: 49.787 ng  
RT: 13.116 min Scan# 1705  
Delta R.T. -0.000 min  
Lab File: BP024608.D  
Acq: 12 May 2025 18:42

Tgt Ion:154 Resp: 1444812  
Ion Ratio Lower Upper  
154 100  
153 41.1 20.7 60.7  
76 11.4 0.0 31.4

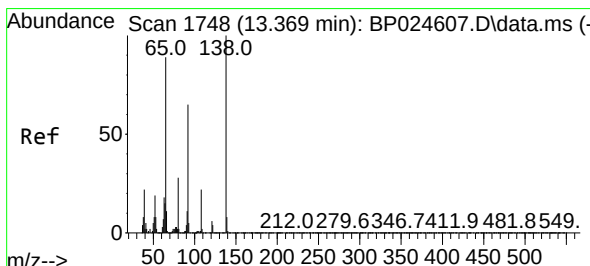
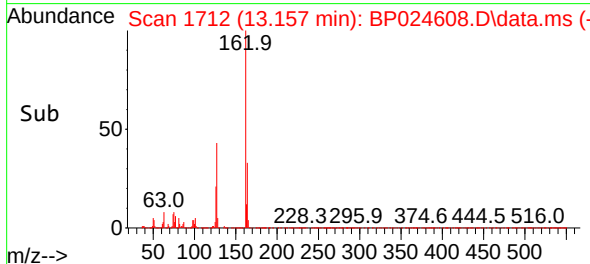
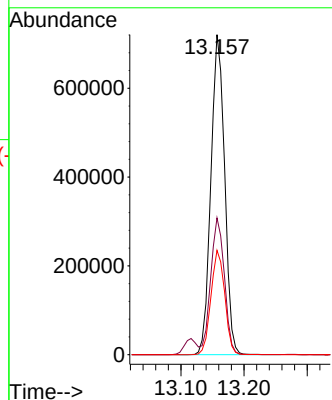
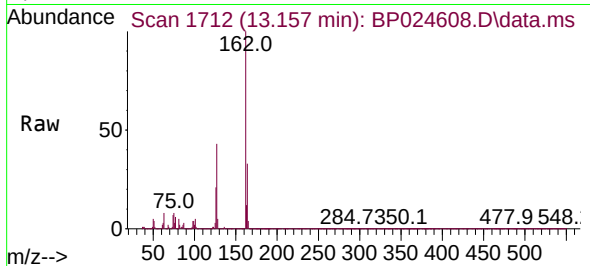




#47  
2-Chloronaphthalene  
Concen: 49.437 ng  
RT: 13.157 min Scan# 1712  
Delta R.T. -0.006 min  
Lab File: BP024608.D  
Acq: 12 May 2025 18:42

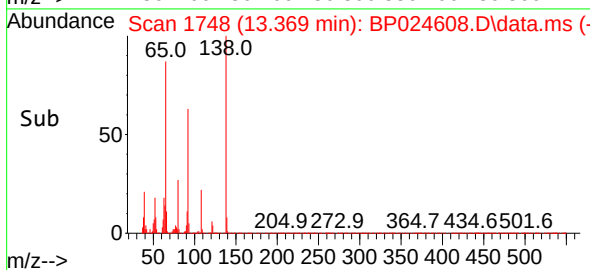
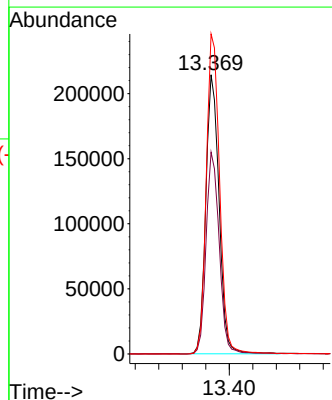
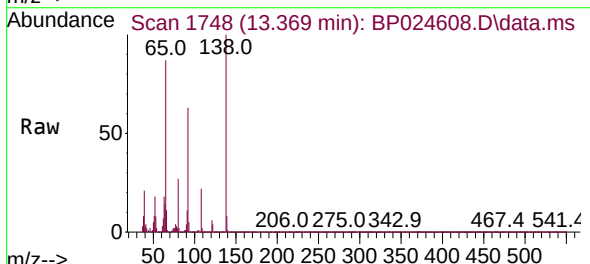
Instrument :  
BNA\_P  
ClientSampleId :

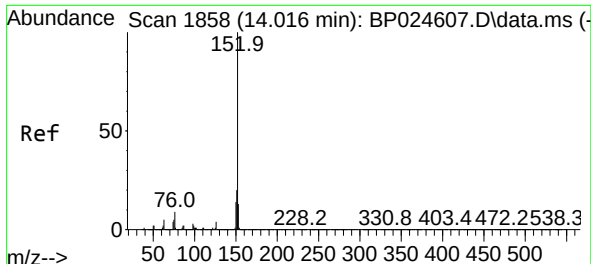
Tgt Ion:162 Resp: 1089486  
Ion Ratio Lower Upper  
162 100  
127 42.7 35.1 52.7  
164 32.6 26.5 39.7



#48  
2-Nitroaniline  
Concen: 51.901 ng  
RT: 13.369 min Scan# 1748  
Delta R.T. -0.000 min  
Lab File: BP024608.D  
Acq: 12 May 2025 18:42

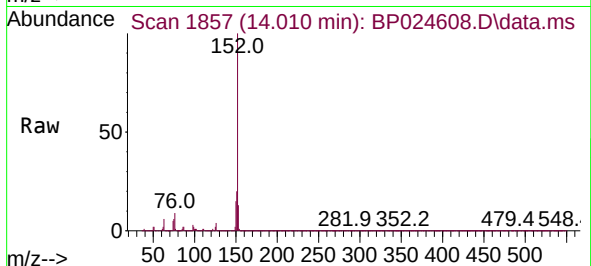
Tgt Ion: 65 Resp: 335112  
Ion Ratio Lower Upper  
65 100  
92 72.3 58.9 88.3  
138 114.6 90.3 135.5



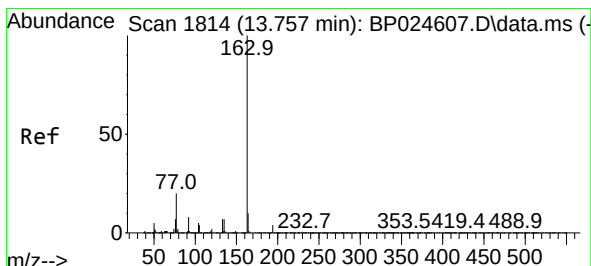
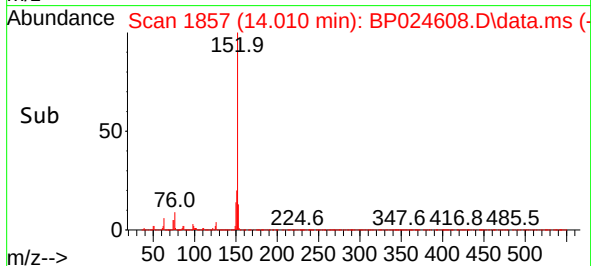
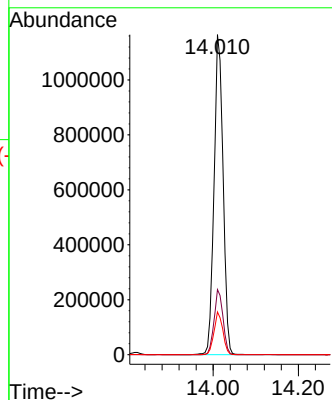


#49  
Acenaphthylene  
Concen: 49.749 ng  
RT: 14.010 min Scan# 1857  
Delta R.T. -0.006 min  
Lab File: BP024608.D  
Acq: 12 May 2025 18:42

Instrument :  
BNA\_P  
ClientSampleId :

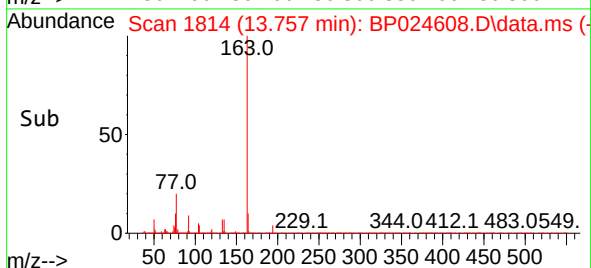
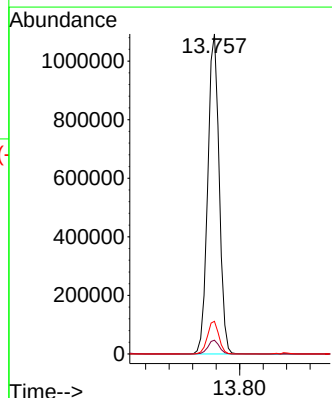
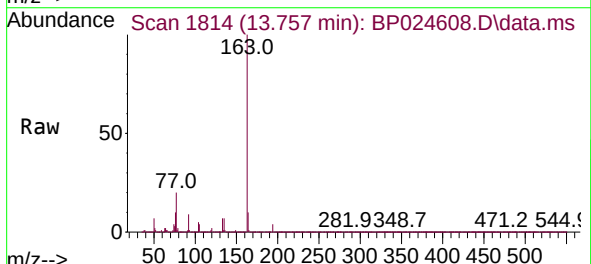


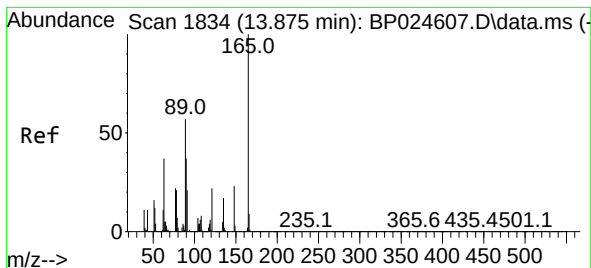
Tgt Ion:152 Resp: 1713049  
Ion Ratio Lower Upper  
152 100  
151 20.3 16.0 24.0  
153 13.3 10.5 15.7



#50  
Dimethylphthalate  
Concen: 48.804 ng  
RT: 13.757 min Scan# 1814  
Delta R.T. -0.000 min  
Lab File: BP024608.D  
Acq: 12 May 2025 18:42

Tgt Ion:163 Resp: 1469533  
Ion Ratio Lower Upper  
163 100  
194 4.3 3.4 5.0  
164 10.2 8.1 12.1

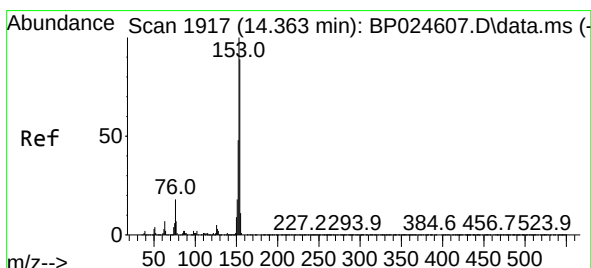
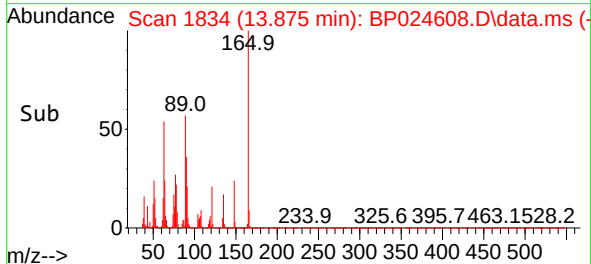
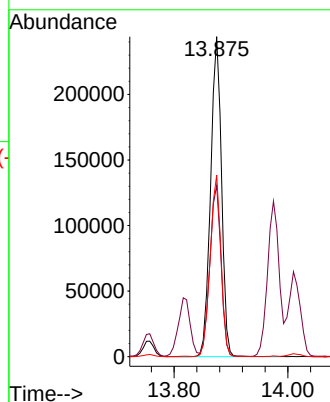
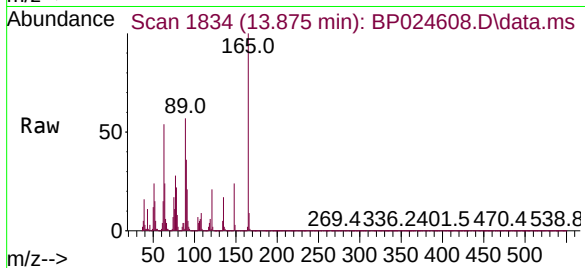




#51  
2,6-Dinitrotoluene  
Concen: 50.246 ng  
RT: 13.875 min Scan# 1834  
Delta R.T. -0.000 min  
Lab File: BP024608.D  
Acq: 12 May 2025 18:42

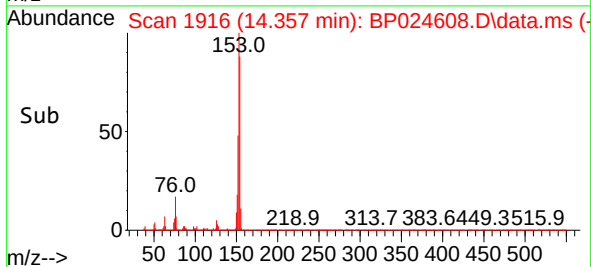
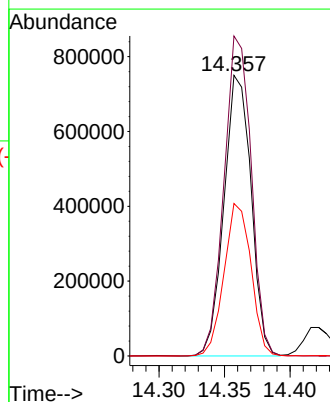
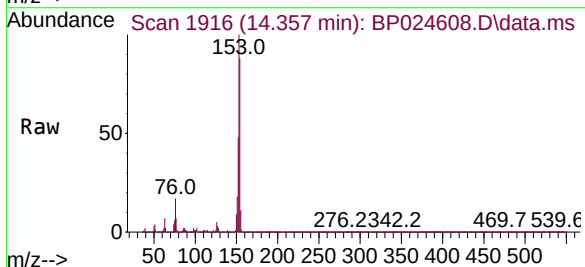
Instrument :  
BNA\_P  
ClientSampleId :

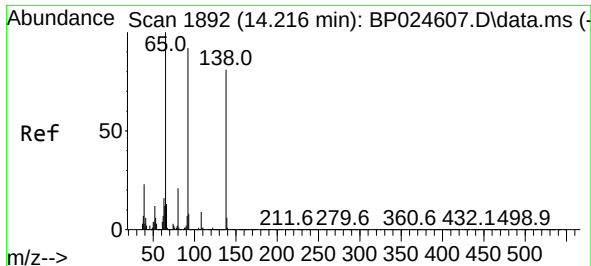
Tgt Ion:165 Resp: 322875  
Ion Ratio Lower Upper  
165 100  
63 53.6 43.7 65.5  
89 56.8 45.4 68.0



#52  
Acenaphthene  
Concen: 49.226 ng  
RT: 14.357 min Scan# 1916  
Delta R.T. -0.006 min  
Lab File: BP024608.D  
Acq: 12 May 2025 18:42

Tgt Ion:154 Resp: 1079801  
Ion Ratio Lower Upper  
154 100  
153 114.0 89.8 134.8  
152 54.3 43.4 65.2

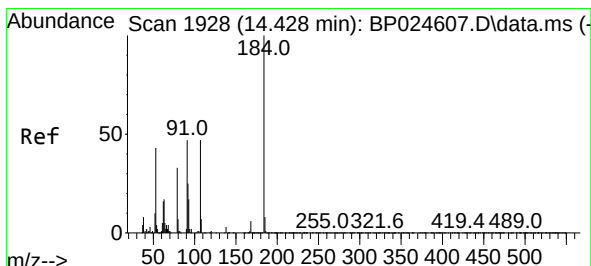
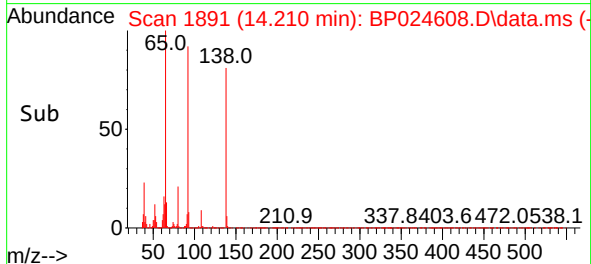
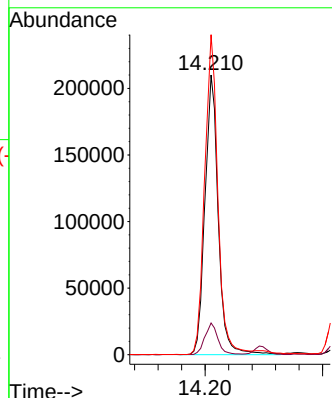
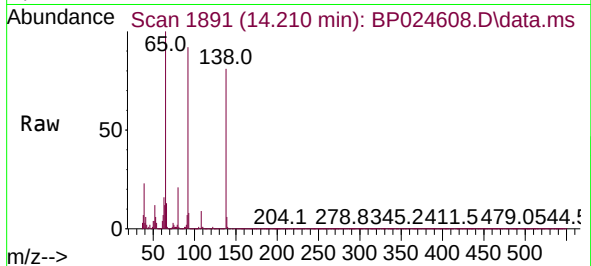




#53  
3-Nitroaniline  
Concen: 53.072 ng  
RT: 14.210 min Scan# 1892  
Delta R.T. -0.006 min  
Lab File: BP024608.D  
Acq: 12 May 2025 18:42

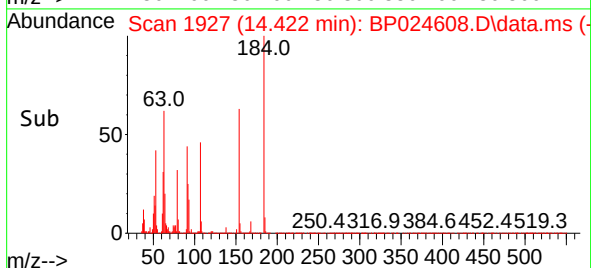
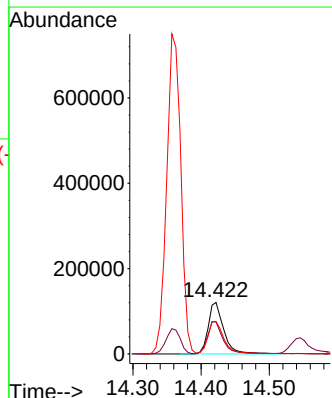
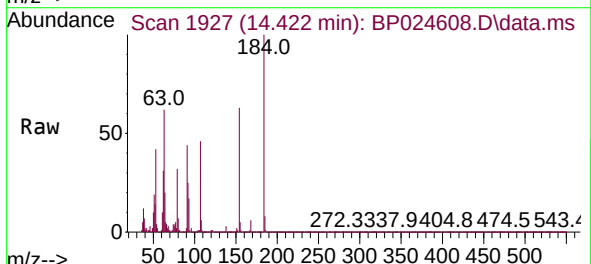
Instrument :  
BNA\_P  
ClientSampleId :

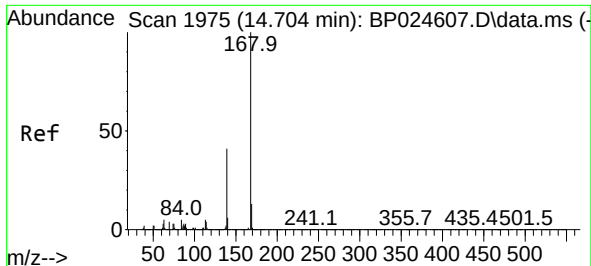
Tgt Ion:138 Resp: 328887  
Ion Ratio Lower Upper  
138 100  
108 11.3 9.4 14.0  
92 114.4 90.6 136.0



#54  
2,4-Dinitrophenol  
Concen: 48.532 ng  
RT: 14.422 min Scan# 1927  
Delta R.T. -0.006 min  
Lab File: BP024608.D  
Acq: 12 May 2025 18:42

Tgt Ion:184 Resp: 190669  
Ion Ratio Lower Upper  
184 100  
63 62.0 50.9 76.3  
154 63.0 52.6 78.8

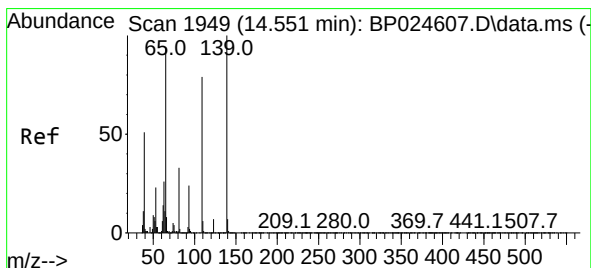
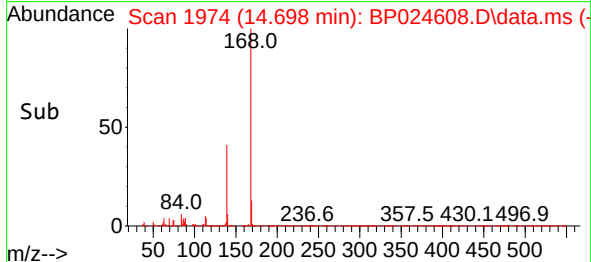
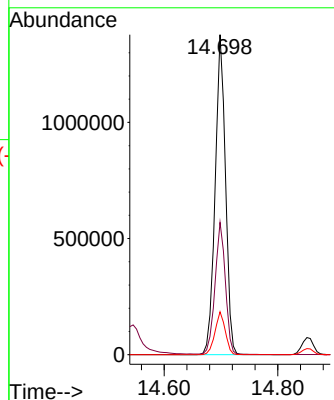
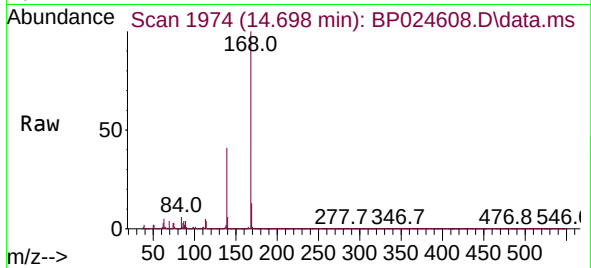




#55  
Dibenzenofuran  
Concen: 48.528 ng  
RT: 14.698 min Scan# 1974  
Delta R.T. -0.006 min  
Lab File: BP024608.D  
Acq: 12 May 2025 18:42

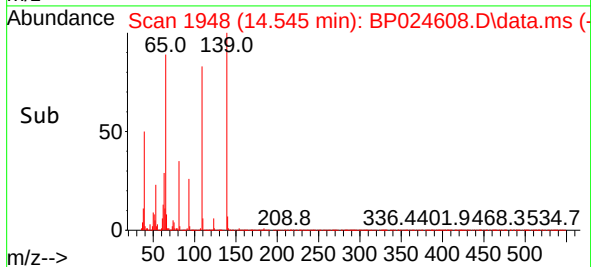
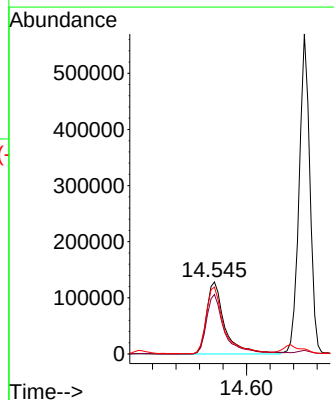
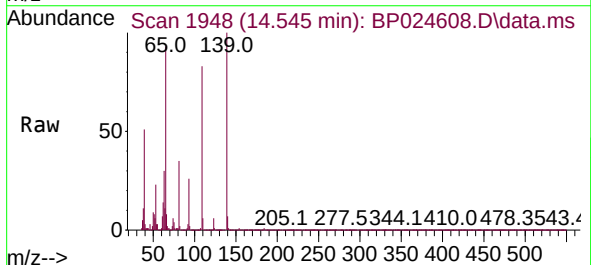
Instrument :  
BNA\_P  
ClientSampleId :

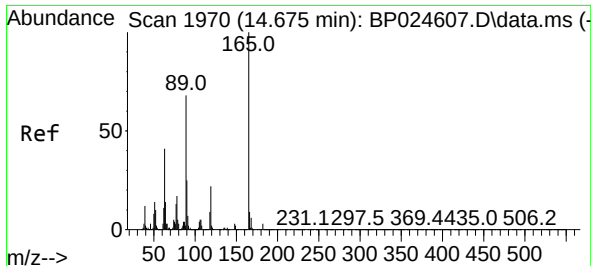
Tgt Ion:168 Resp: 1733801  
Ion Ratio Lower Upper  
168 100  
139 41.4 32.7 49.1  
169 13.4 10.7 16.1



#56  
4-Nitrophenol  
Concen: 53.571 ng  
RT: 14.545 min Scan# 1948  
Delta R.T. -0.006 min  
Lab File: BP024608.D  
Acq: 12 May 2025 18:42

Tgt Ion:139 Resp: 273025  
Ion Ratio Lower Upper  
139 100  
109 82.5 59.0 99.0  
65 92.8 74.8 114.8

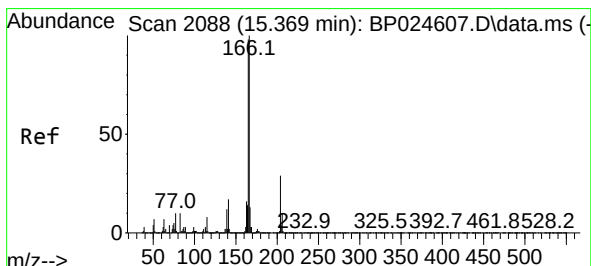
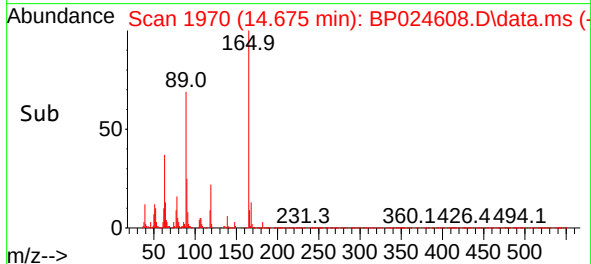
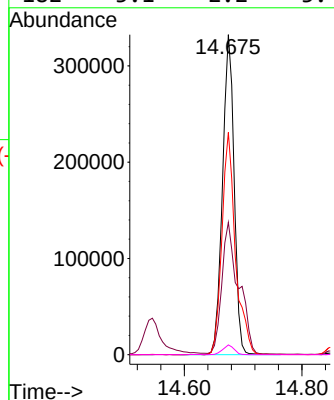
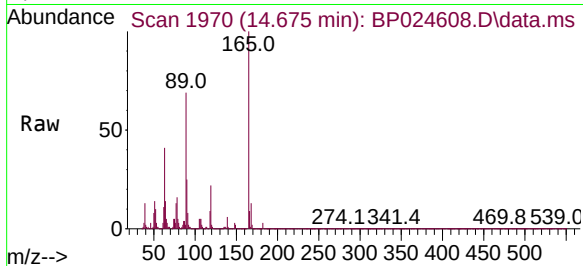




#57  
2,4-Dinitrotoluene  
Concen: 51.475 ng  
RT: 14.675 min Scan# 1970  
Delta R.T. -0.000 min  
Lab File: BP024608.D  
Acq: 12 May 2025 18:42

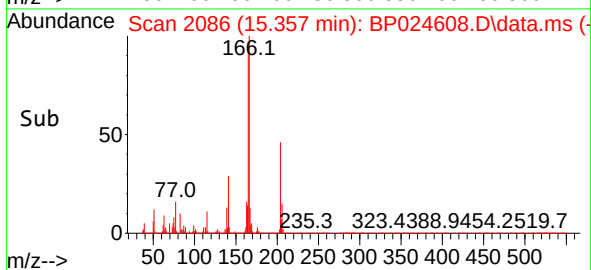
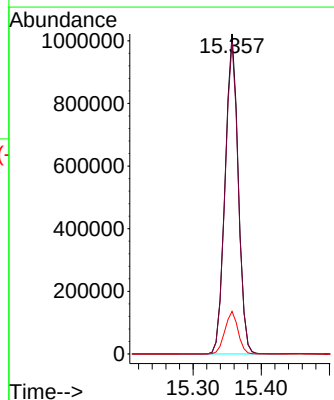
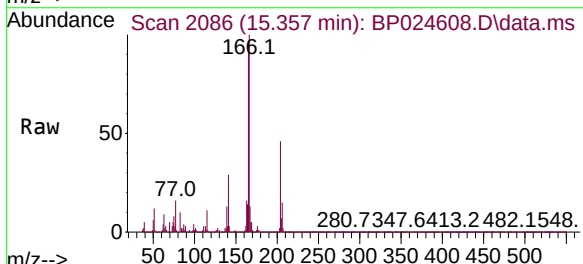
Instrument :  
BNA\_P  
ClientSampleId :

Tgt Ion:165 Resp: 455759  
Ion Ratio Lower Upper  
165 100  
63 41.3 33.8 50.8  
89 69.4 54.6 81.8  
182 3.1 2.2 3.4

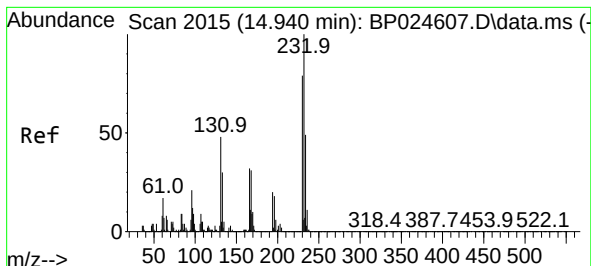


#58  
Fluorene  
Concen: 49.164 ng  
RT: 15.357 min Scan# 2086  
Delta R.T. -0.012 min  
Lab File: BP024608.D  
Acq: 12 May 2025 18:42

Tgt Ion:166 Resp: 1364198  
Ion Ratio Lower Upper  
166 100  
165 97.4 78.6 118.0  
167 13.3 10.5 15.7

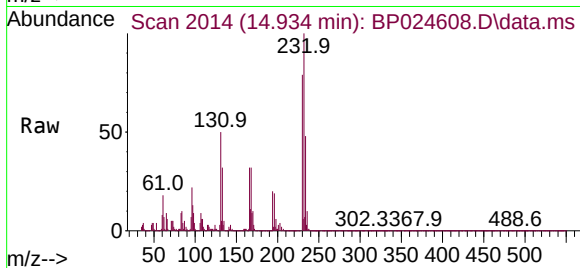




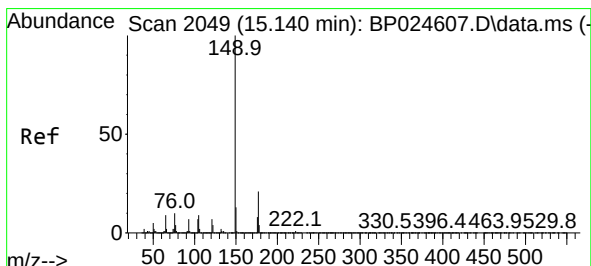
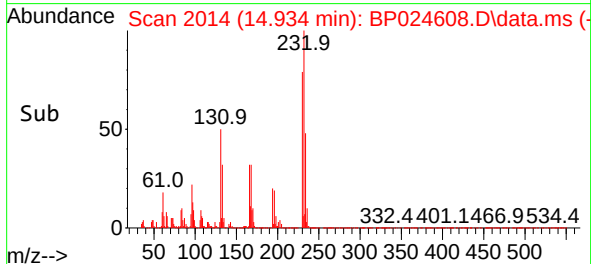
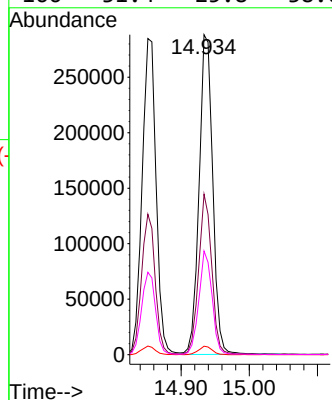


#59  
2,3,4,6-Tetrachlorophenol  
Concen: 50.365 ng  
RT: 14.934 min Scan# 2014  
Delta R.T. -0.006 min  
Lab File: BP024608.D  
Acq: 12 May 2025 18:42

Instrument :  
BNA\_P  
ClientSampleId :

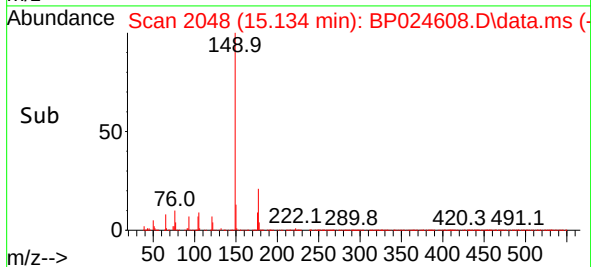
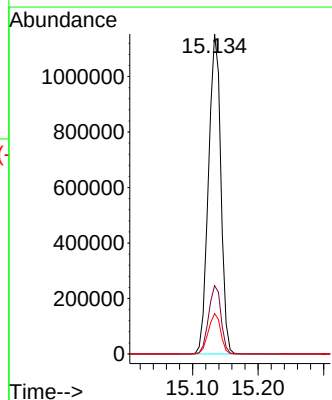
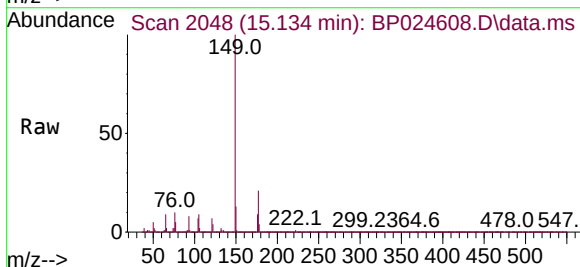


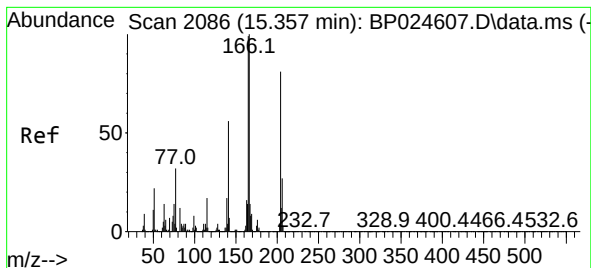
Tgt Ion:232 Resp: 400390  
Ion Ratio Lower Upper  
232 100  
131 48.0 38.7 58.1  
130 2.6 2.2 3.2  
166 31.4 25.8 38.6



#60  
Diethylphthalate  
Concen: 48.391 ng  
RT: 15.134 min Scan# 2048  
Delta R.T. -0.006 min  
Lab File: BP024608.D  
Acq: 12 May 2025 18:42

Tgt Ion:149 Resp: 1509202  
Ion Ratio Lower Upper  
149 100  
177 21.3 16.6 24.8  
150 12.6 10.2 15.2

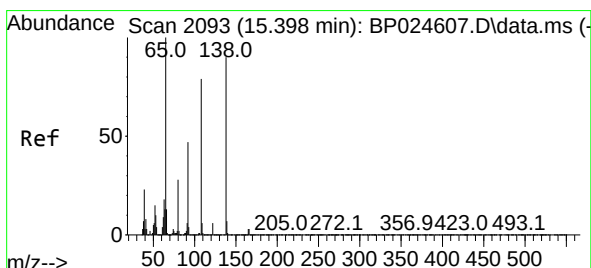
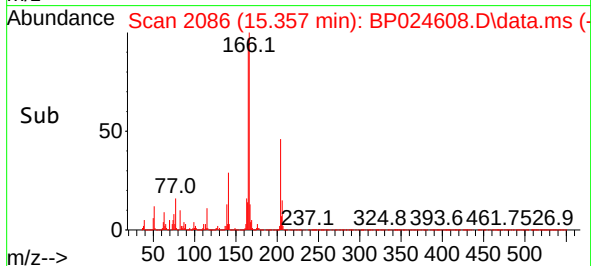
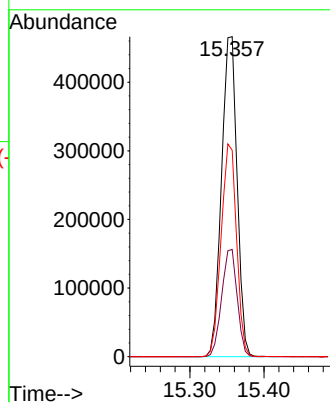
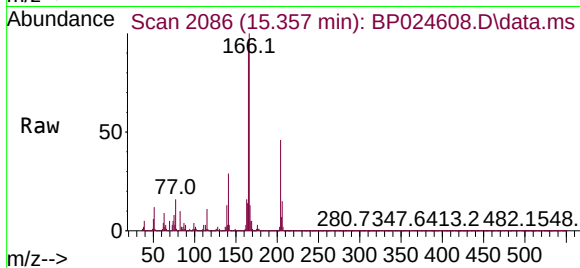




#61  
4-Chlorophenyl-phenylether  
Concen: 48.751 ng  
RT: 15.357 min Scan# 2086  
Delta R.T. -0.000 min  
Lab File: BP024608.D  
Acq: 12 May 2025 18:42

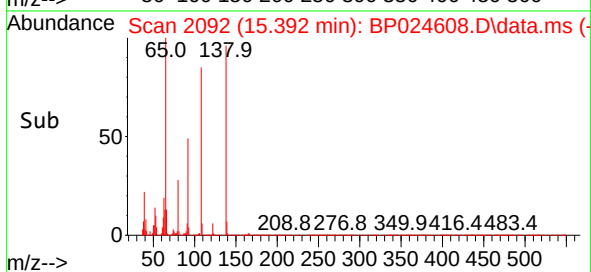
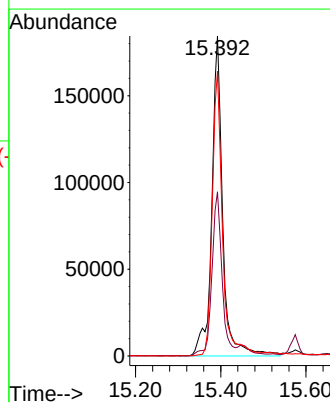
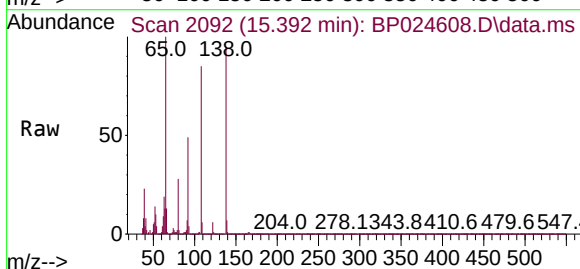
Instrument :  
BNA\_P  
ClientSampleId :

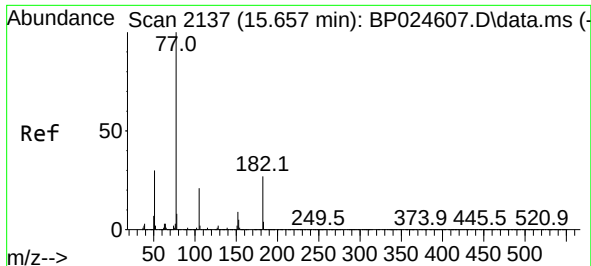
Tgt Ion:204 Resp: 682495  
Ion Ratio Lower Upper  
204 100  
206 33.5 26.9 40.3  
141 64.5 55.2 82.8



#62  
4-Nitroaniline  
Concen: 53.318 ng  
RT: 15.392 min Scan# 2092  
Delta R.T. -0.006 min  
Lab File: BP024608.D  
Acq: 12 May 2025 18:42

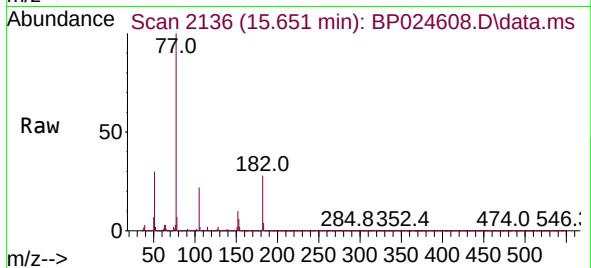
Tgt Ion:138 Resp: 328268  
Ion Ratio Lower Upper  
138 100  
92 51.3 32.2 72.2  
108 88.9 67.9 107.9



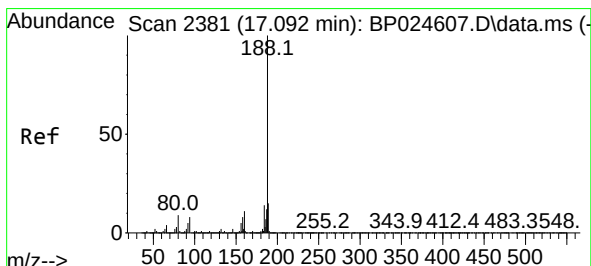
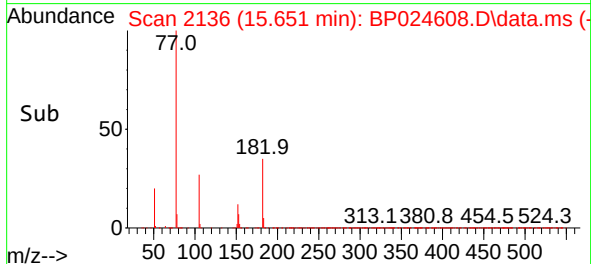
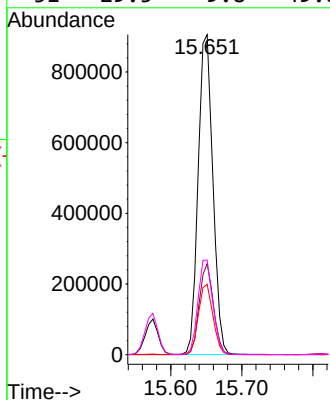


#63  
Azobenzene  
Concen: 49.156 ng  
RT: 15.651 min Scan# 2137  
Delta R.T. -0.006 min  
Lab File: BP024608.D  
Acq: 12 May 2025 18:42

Instrument :  
BNA\_P  
ClientSampleId :

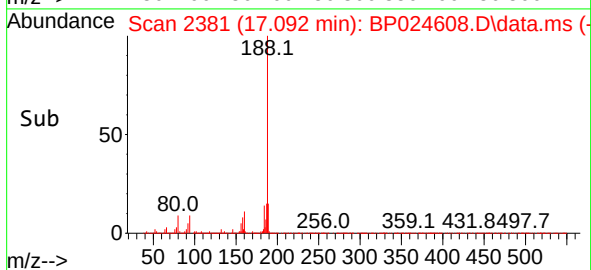
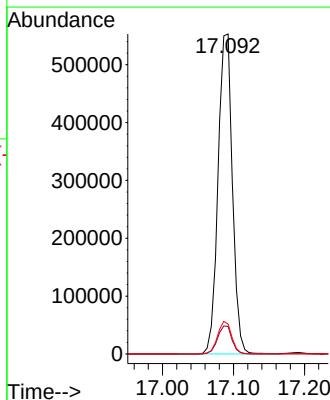
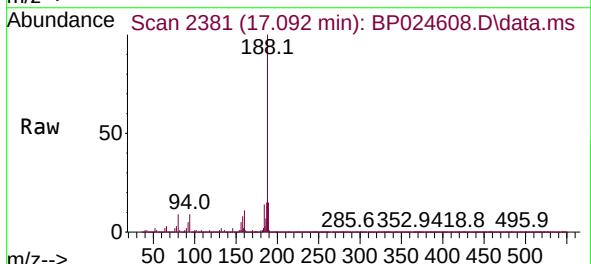


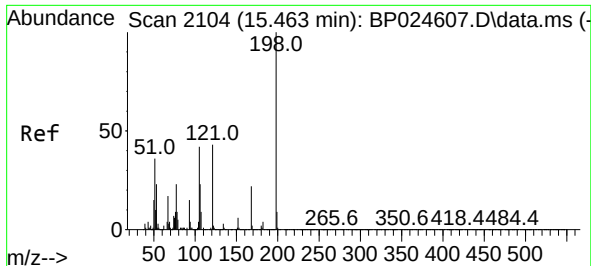
Tgt Ion: 77 Resp: 1307644  
Ion Ratio Lower Upper  
77 100  
182 28.4 6.7 46.7  
105 22.0 1.5 41.5  
51 29.5 9.8 49.8



#64  
Phenanthrene-d10  
Concen: 20.000 ng  
RT: 17.092 min Scan# 2381  
Delta R.T. -0.000 min  
Lab File: BP024608.D  
Acq: 12 May 2025 18:42

Tgt Ion: 188 Resp: 772415  
Ion Ratio Lower Upper  
188 100  
94 8.6 6.7 10.1  
80 9.4 7.4 11.0

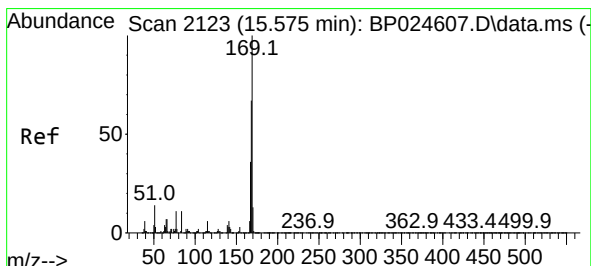
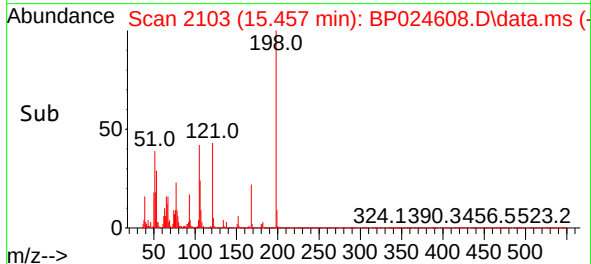
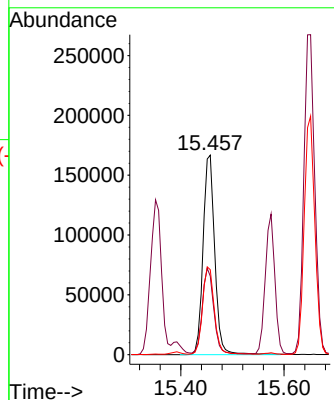
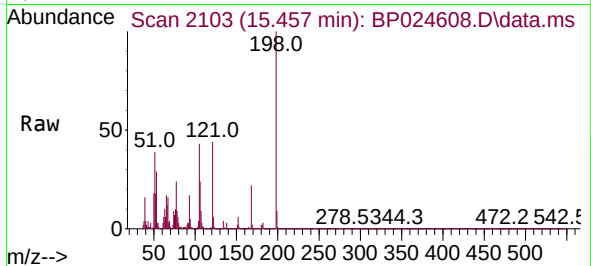




#65  
4,6-Dinitro-2-methylphenol  
Concen: 55.210 ng  
RT: 15.457 min Scan# 2103  
Delta R.T. -0.006 min  
Lab File: BP024608.D  
Acq: 12 May 2025 18:42

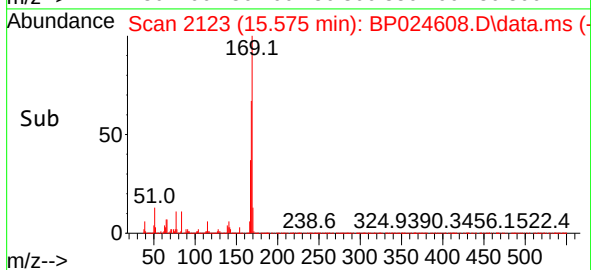
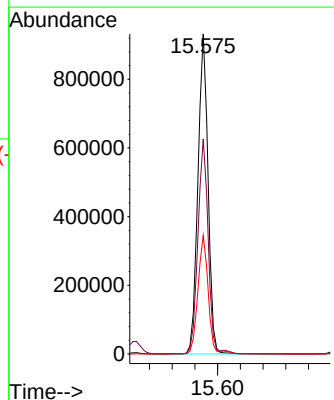
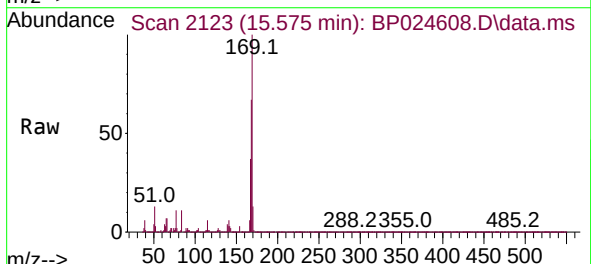
Instrument :  
BNA\_P  
ClientSampleId :

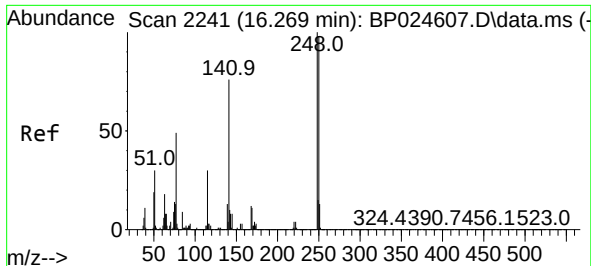
Tgt Ion:198 Resp: 261750  
Ion Ratio Lower Upper  
198 100  
51 39.4 18.9 58.9  
105 42.5 22.6 62.6



#66  
n-Nitrosodiphenylamine  
Concen: 50.135 ng  
RT: 15.575 min Scan# 2123  
Delta R.T. -0.000 min  
Lab File: BP024608.D  
Acq: 12 May 2025 18:42

Tgt Ion:169 Resp: 1157921  
Ion Ratio Lower Upper  
169 100  
168 67.2 53.4 80.0  
167 37.0 28.9 43.3

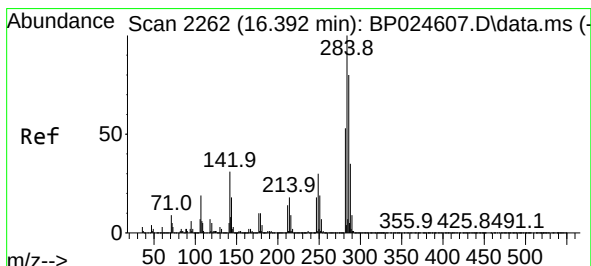
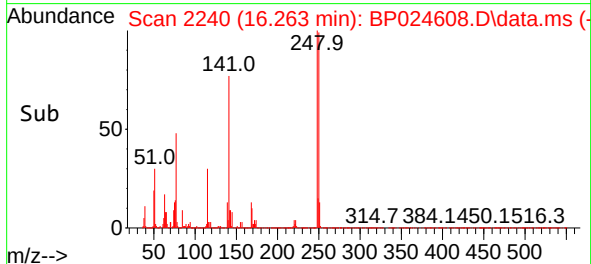
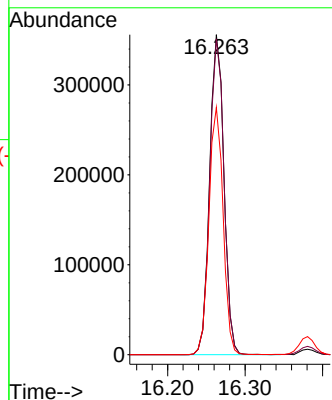
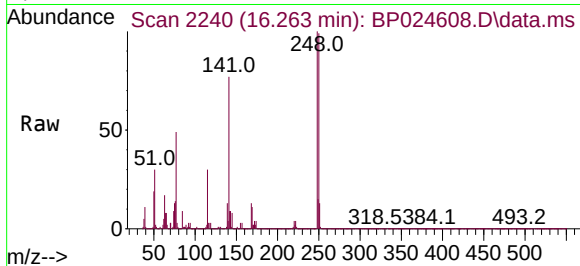




#67  
4-Bromophenyl-phenylether  
Concen: 49.904 ng  
RT: 16.263 min Scan# 21  
Delta R.T. -0.006 min  
Lab File: BP024608.D  
Acq: 12 May 2025 18:42

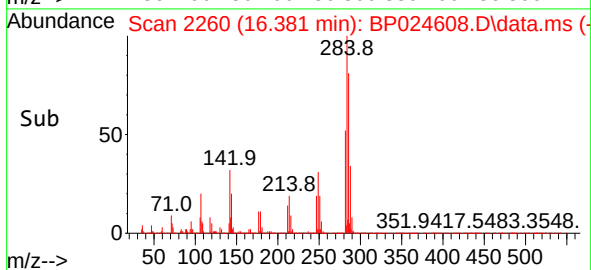
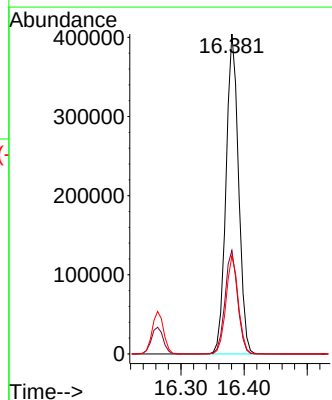
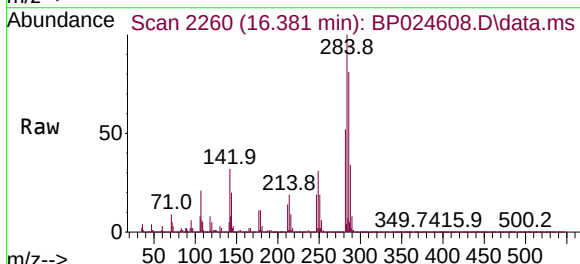
Instrument :  
BNA\_P  
ClientSampleId :

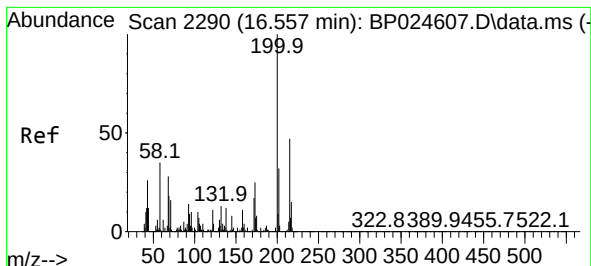
Tgt Ion:248 Resp: 455525  
Ion Ratio Lower Upper  
248 100  
250 98.7 78.3 117.5  
141 77.2 61.0 91.4



#68  
Hexachlorobenzene  
Concen: 49.092 ng  
RT: 16.381 min Scan# 2260  
Delta R.T. -0.012 min  
Lab File: BP024608.D  
Acq: 12 May 2025 18:42

Tgt Ion:284 Resp: 557991  
Ion Ratio Lower Upper  
284 100  
142 32.4 24.6 37.0  
249 30.7 24.2 36.4





#69

Atrazine

Concen: 48.412 ng

RT: 16.551 min Scan# 21

Delta R.T. -0.006 min

Lab File: BP024608.D

Acq: 12 May 2025 18:42

Instrument :

BNA\_P

ClientSampleId :

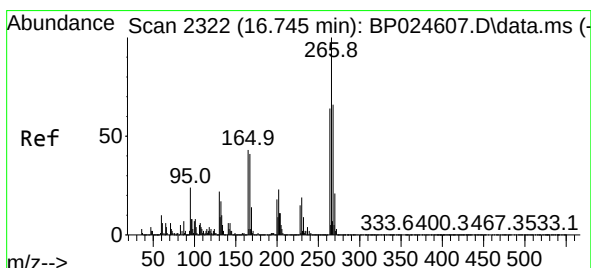
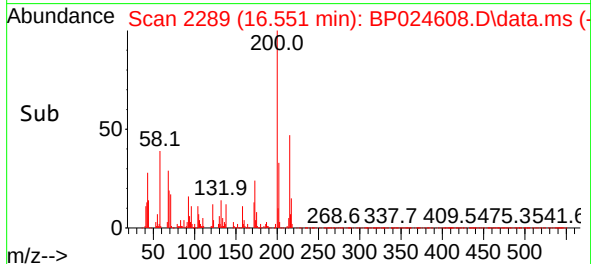
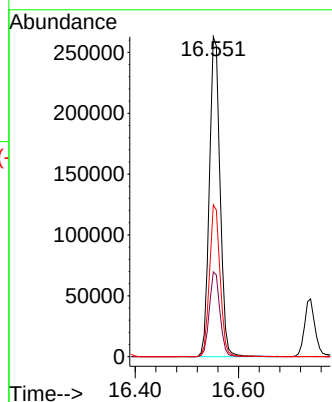
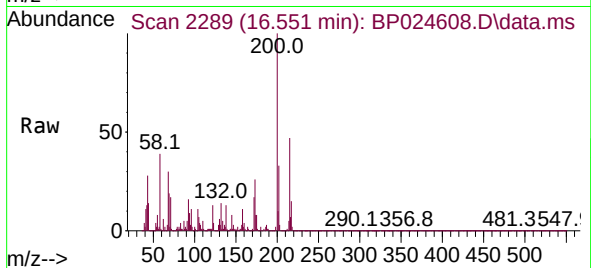
Tgt Ion:200 Resp: 377067

Ion Ratio Lower Upper

200 100

173 26.5 5.2 45.2

215 47.5 27.5 67.5



#70

Pentachlorophenol

Concen: 53.520 ng

RT: 16.739 min Scan# 2321

Delta R.T. -0.006 min

Lab File: BP024608.D

Acq: 12 May 2025 18:42

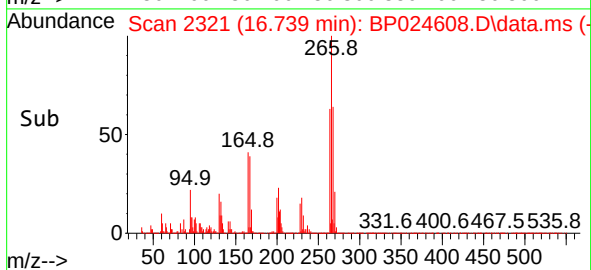
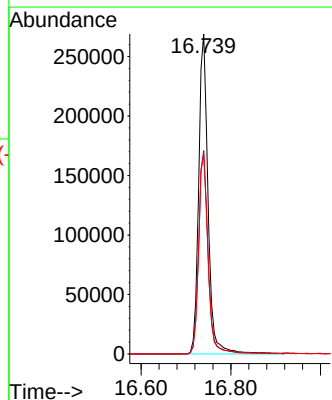
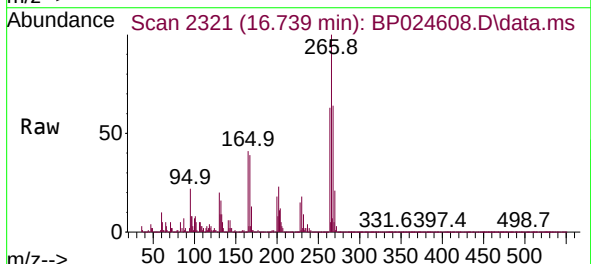
Tgt Ion:266 Resp: 391082

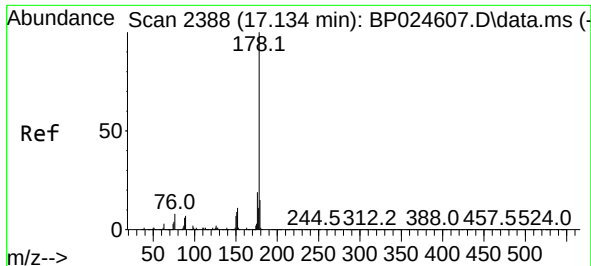
Ion Ratio Lower Upper

266 100

268 63.5 52.5 78.7

264 62.6 51.2 76.8

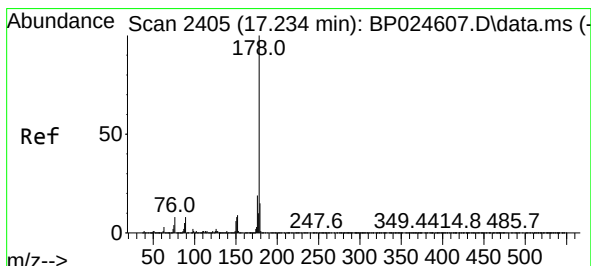
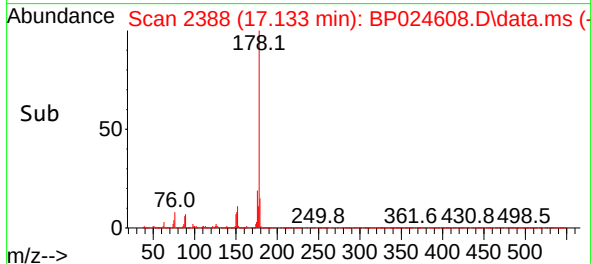
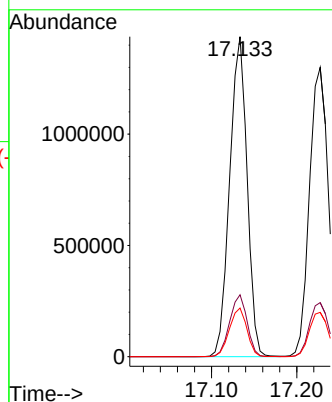
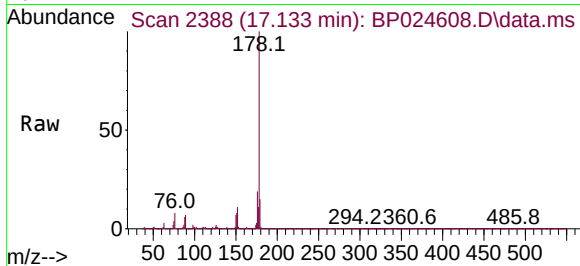




#71  
Phenanthrene  
Concen: 48.961 ng  
RT: 17.133 min Scan# 21  
Delta R.T. -0.000 min  
Lab File: BP024608.D  
Acq: 12 May 2025 18:42

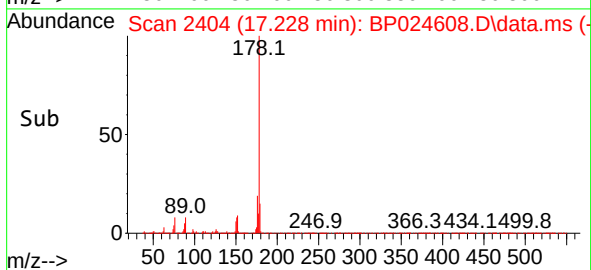
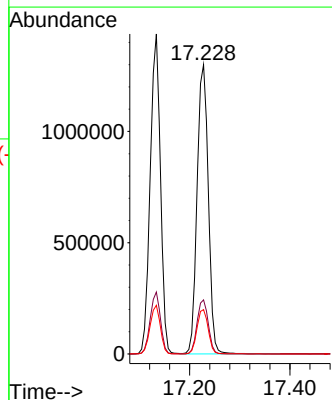
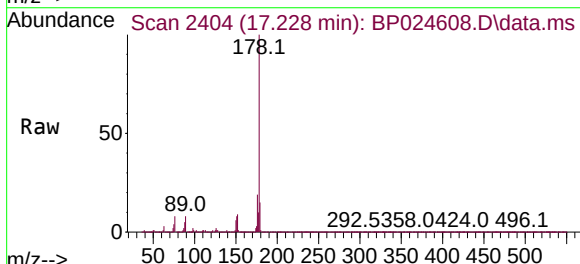
Instrument :  
BNA\_P  
ClientSampleId :

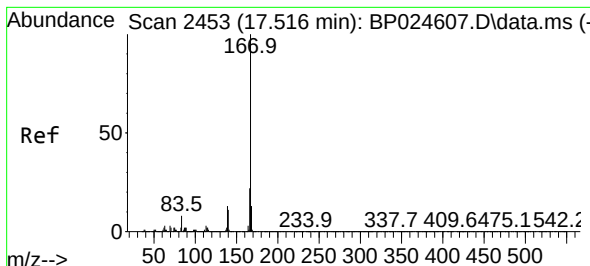
Tgt Ion:178 Resp: 2039584  
Ion Ratio Lower Upper  
178 100  
176 19.4 15.5 23.3  
179 15.2 12.2 18.2



#72  
Anthracene  
Concen: 49.427 ng  
RT: 17.228 min Scan# 2404  
Delta R.T. -0.006 min  
Lab File: BP024608.D  
Acq: 12 May 2025 18:42

Tgt Ion:178 Resp: 2011752  
Ion Ratio Lower Upper  
178 100  
176 18.7 15.0 22.6  
179 15.3 12.2 18.4





#73

Carbazole

Concen: 49.556 ng

RT: 17.510 min Scan# 24

Delta R.T. -0.006 min

Lab File: BP024608.D

Acq: 12 May 2025 18:42

Instrument :

BNA\_P

ClientSampleId :

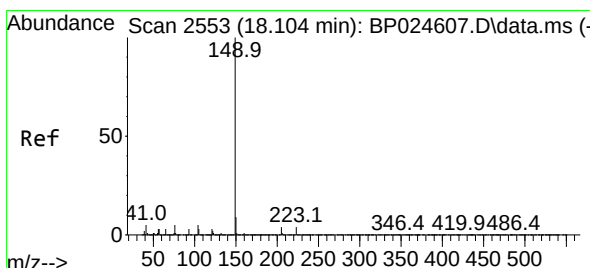
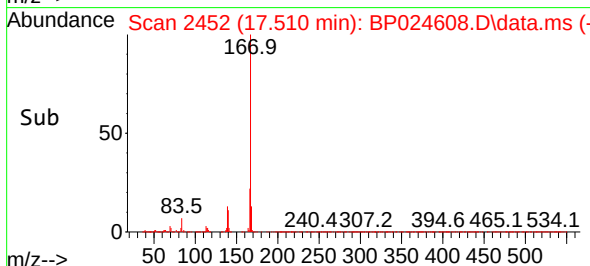
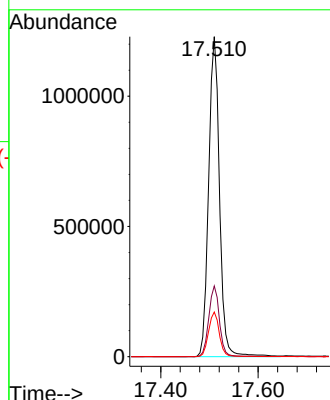
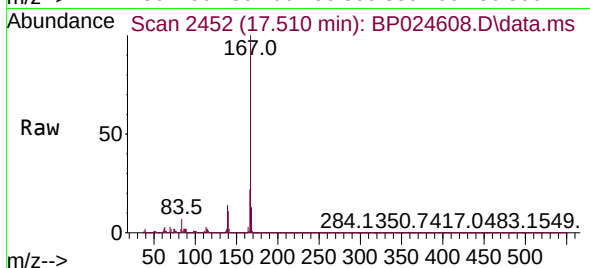
Tgt Ion:167 Resp: 1891671

Ion Ratio Lower Upper

167 100

166 22.1 17.3 25.9

139 14.0 10.8 16.2



#74

Di-n-butylphthalate

Concen: 50.034 ng

RT: 18.098 min Scan# 2552

Delta R.T. -0.006 min

Lab File: BP024608.D

Acq: 12 May 2025 18:42

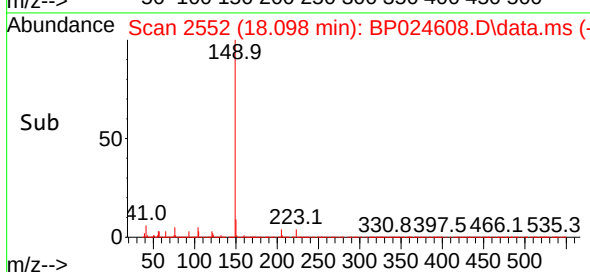
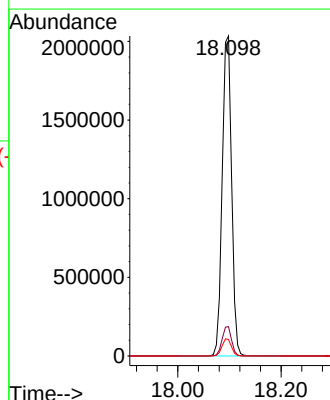
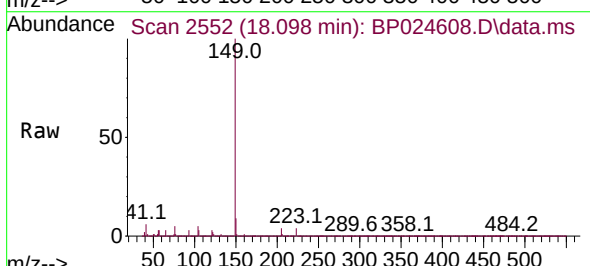
Tgt Ion:149 Resp: 2569452

Ion Ratio Lower Upper

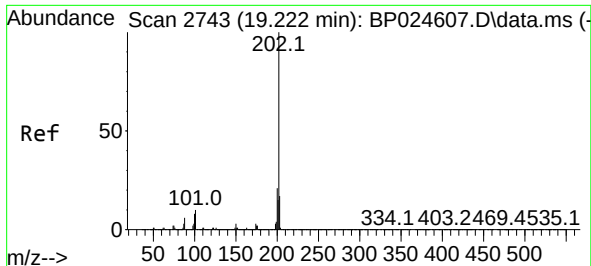
149 100

150 9.2 7.2 10.8

104 5.1 4.2 6.2

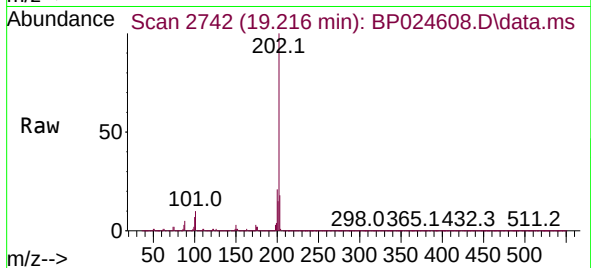




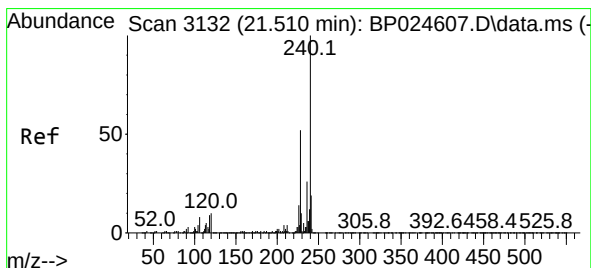
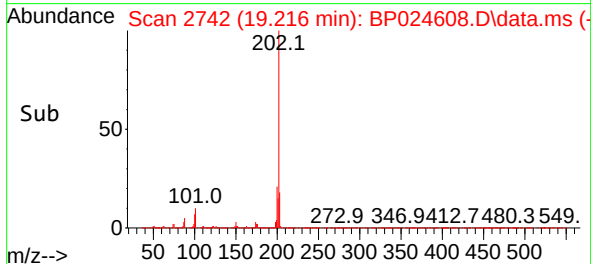
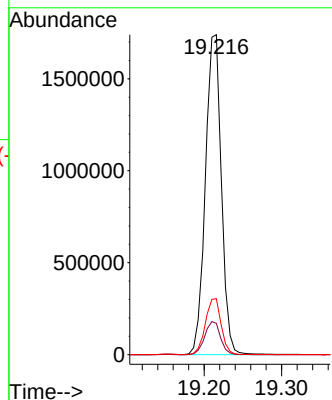


#75  
Fluoranthene  
Concen: 48.963 ng  
RT: 19.216 min Scan# 21  
Delta R.T. -0.006 min  
Lab File: BP024608.D  
Acq: 12 May 2025 18:42

Instrument :  
BNA\_P  
ClientSampleId :

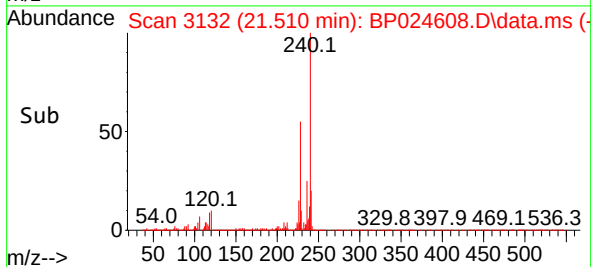
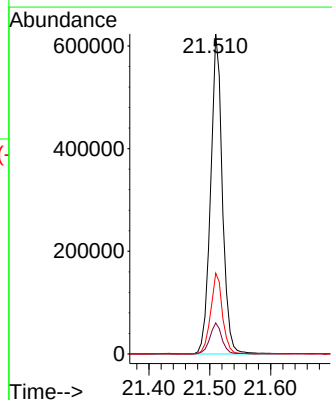
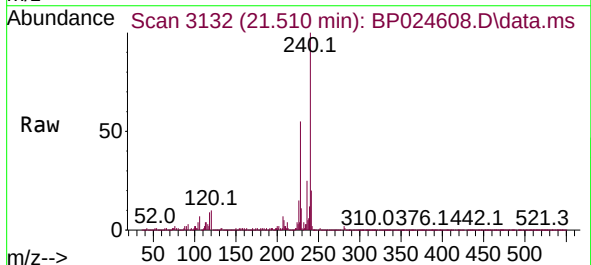


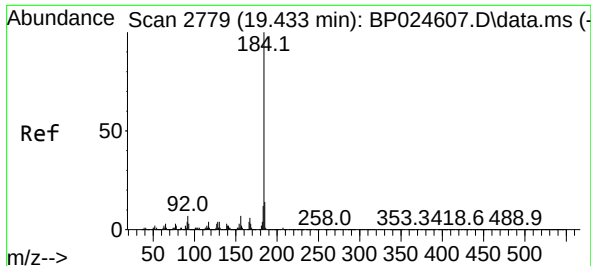
Tgt Ion:202 Resp: 2486056  
Ion Ratio Lower Upper  
202 100  
101 9.8 0.0 30.4  
203 17.5 0.0 37.3



#76  
Chrysene-d12  
Concen: 20.000 ng  
RT: 21.510 min Scan# 3132  
Delta R.T. -0.000 min  
Lab File: BP024608.D  
Acq: 12 May 2025 18:42

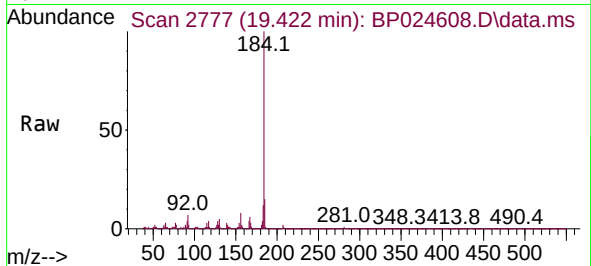
Tgt Ion:240 Resp: 834598  
Ion Ratio Lower Upper  
240 100  
120 9.7 8.2 12.2  
236 25.3 20.8 31.2



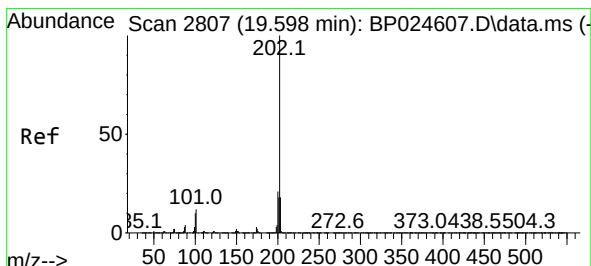
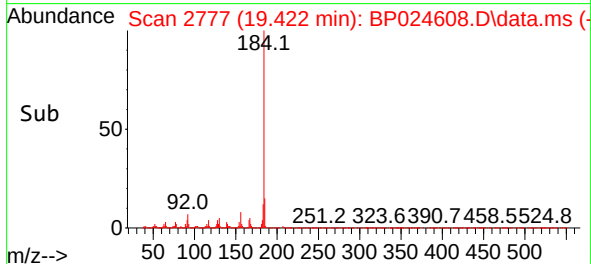
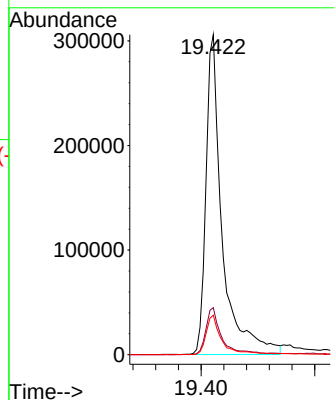


#77  
Benzidine  
Concen: 62.204 ng  
RT: 19.422 min Scan# 21  
Delta R.T. -0.012 min  
Lab File: BP024608.D  
Acq: 12 May 2025 18:42

Instrument :  
BNA\_P  
ClientSampleId :

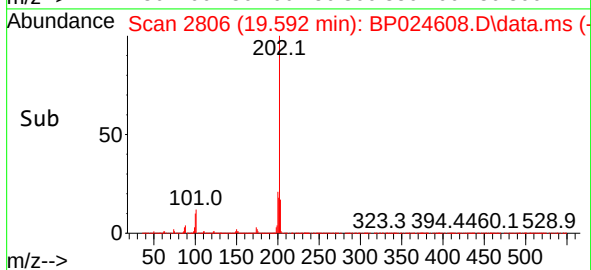
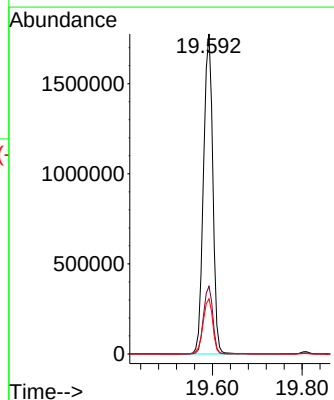
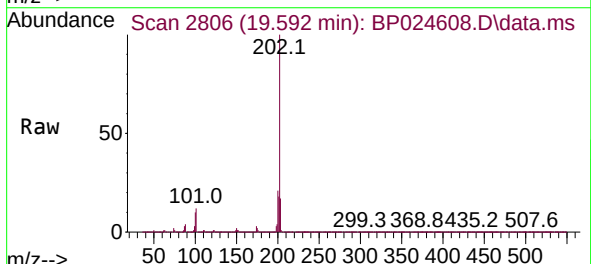


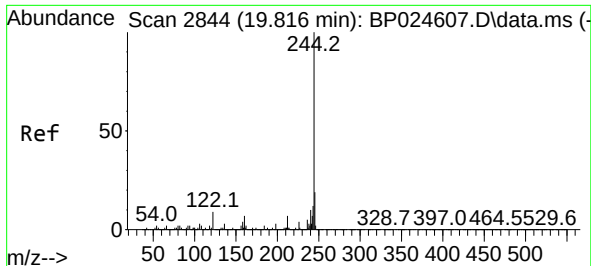
Tgt Ion:184 Resp: 604467  
Ion Ratio Lower Upper  
184 100  
185 14.7 11.3 16.9  
183 12.4 9.7 14.5



#78  
Pyrene  
Concen: 50.539 ng  
RT: 19.592 min Scan# 2806  
Delta R.T. -0.006 min  
Lab File: BP024608.D  
Acq: 12 May 2025 18:42

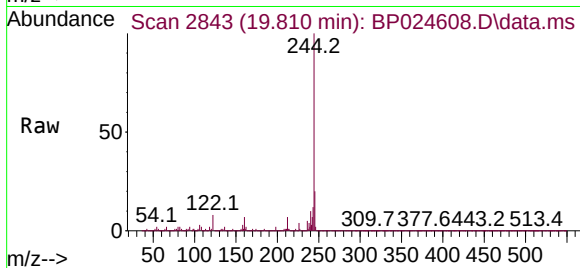
Tgt Ion:202 Resp: 2552368  
Ion Ratio Lower Upper  
202 100  
200 21.2 17.1 25.7  
203 17.3 14.1 21.1



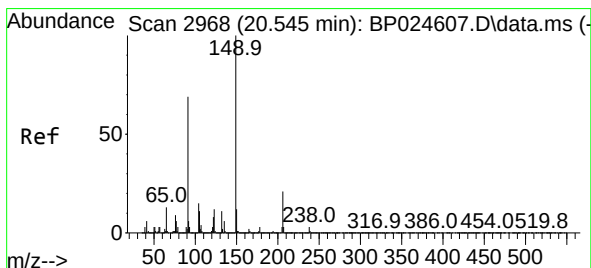
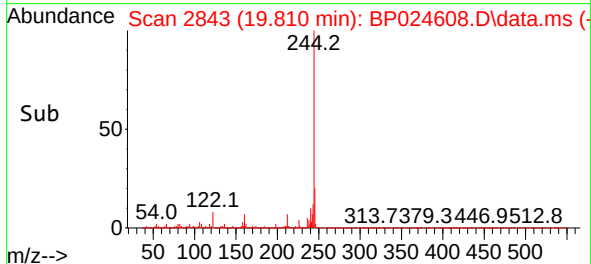
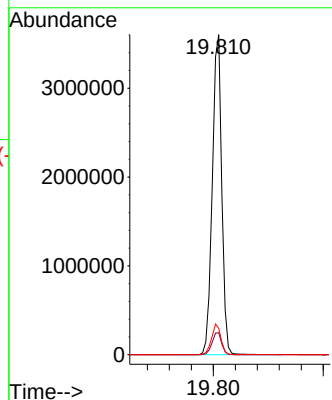


#79  
 Terphenyl-d14  
 Concen: 100.292 ng  
 RT: 19.810 min Scan# 21  
 Delta R.T. -0.006 min  
 Lab File: BP024608.D  
 Acq: 12 May 2025 18:42

Instrument :  
 BNA\_P  
 ClientSampleId :

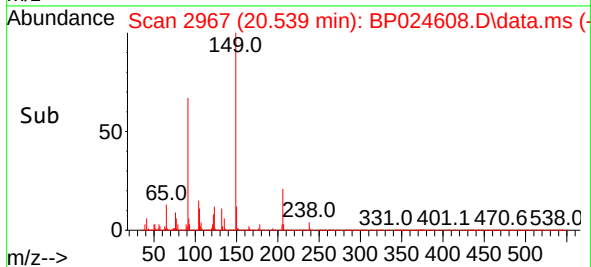
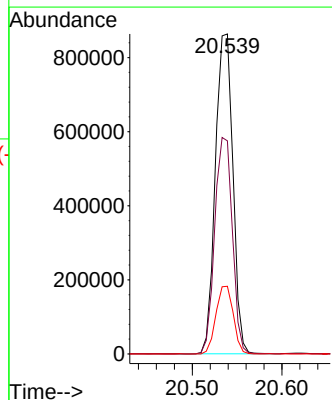
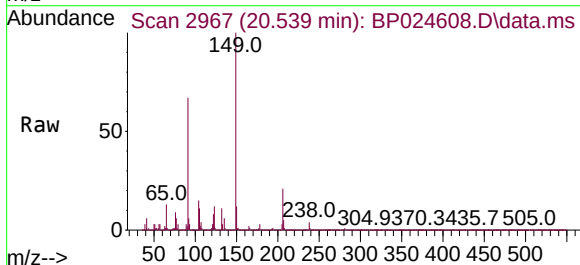


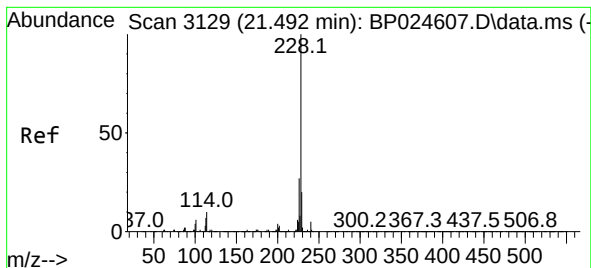
Tgt Ion:244 Resp: 4275676  
 Ion Ratio Lower Upper  
 244 100  
 212 6.9 5.7 8.5  
 122 8.2 7.6 11.4



#80  
 Butylbenzylphthalate  
 Concen: 52.121 ng  
 RT: 20.539 min Scan# 2967  
 Delta R.T. -0.006 min  
 Lab File: BP024608.D  
 Acq: 12 May 2025 18:42

Tgt Ion:149 Resp: 1173770  
 Ion Ratio Lower Upper  
 149 100  
 91 66.6 55.2 82.8  
 206 21.1 16.7 25.1





#81

Benzo(a)anthracene

Concen: 49.180 ng

RT: 21.492 min Scan# 3129

Delta R.T. -0.000 min

Lab File: BP024608.D

Acq: 12 May 2025 18:42

Instrument :

BNA\_P

ClientSampleId :

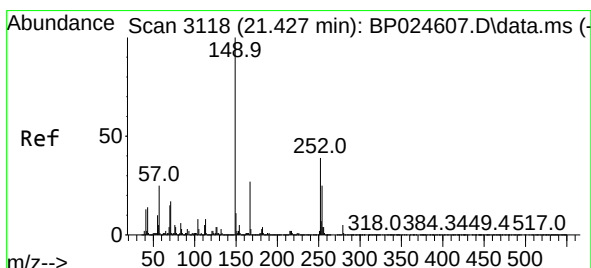
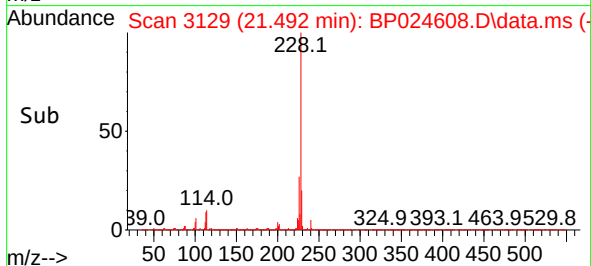
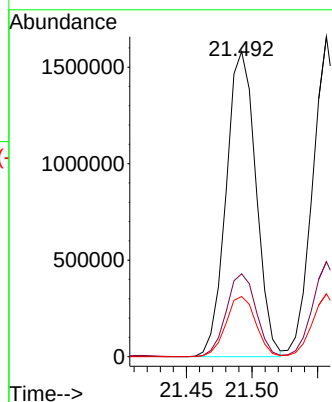
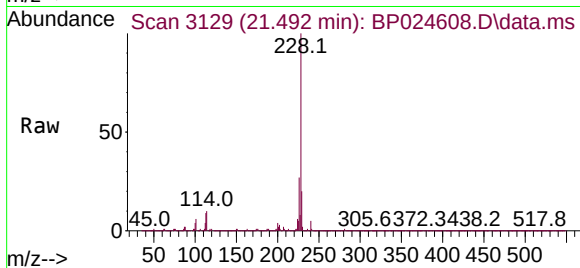
Tgt Ion:228 Resp: 2499172

Ion Ratio Lower Upper

228 100

226 27.2 21.8 32.8

229 19.7 15.9 23.9



#82

3,3'-Dichlorobenzidine

Concen: 51.683 ng

RT: 21.416 min Scan# 3116

Delta R.T. -0.012 min

Lab File: BP024608.D

Acq: 12 May 2025 18:42

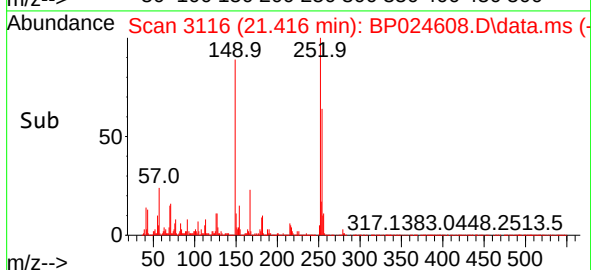
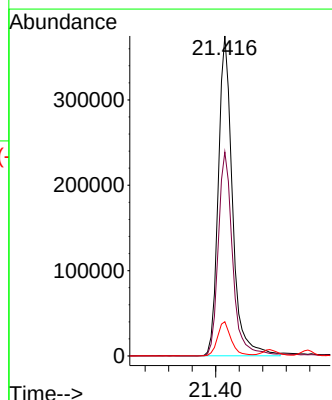
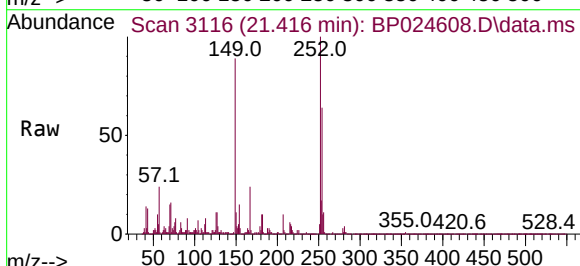
Tgt Ion:252 Resp: 627836

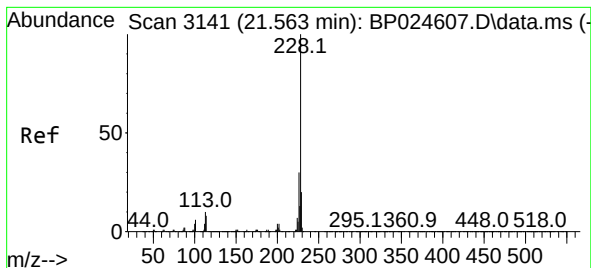
Ion Ratio Lower Upper

252 100

254 63.7 51.5 77.3

126 10.7 7.8 11.6





#83

Chrysene

Concen: 48.637 ng

RT: 21.557 min Scan# 3140

Delta R.T. -0.006 min

Lab File: BP024608.D

Acq: 12 May 2025 18:42

Instrument :

BNA\_P

ClientSampleId :

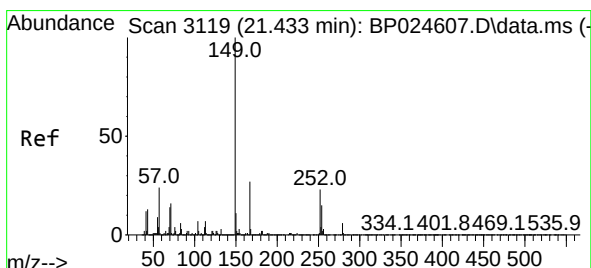
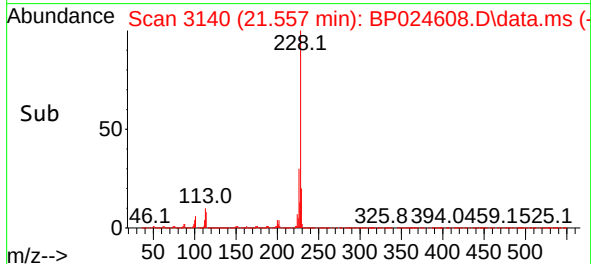
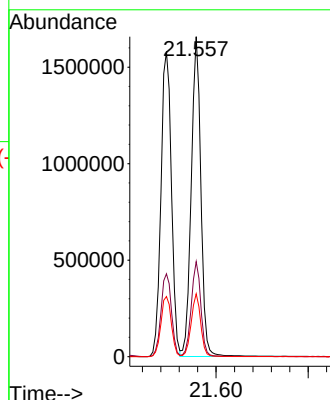
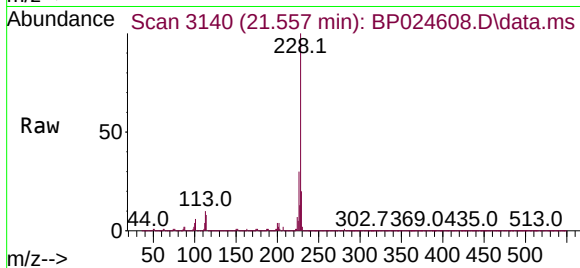
Tgt Ion:228 Resp: 2394884

Ion Ratio Lower Upper

228 100

226 29.7 24.0 36.0

229 19.7 15.8 23.6



#84

Bis(2-ethylhexyl)phthalate

Concen: 52.191 ng

RT: 21.427 min Scan# 3118

Delta R.T. -0.006 min

Lab File: BP024608.D

Acq: 12 May 2025 18:42

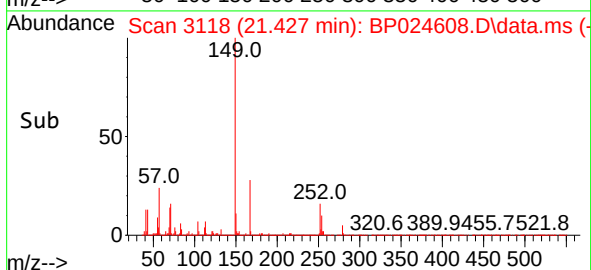
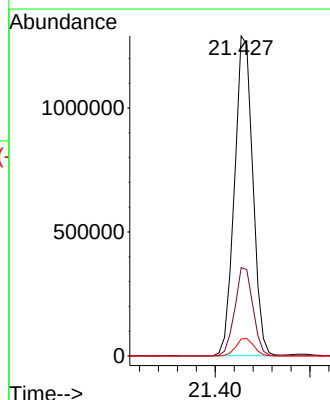
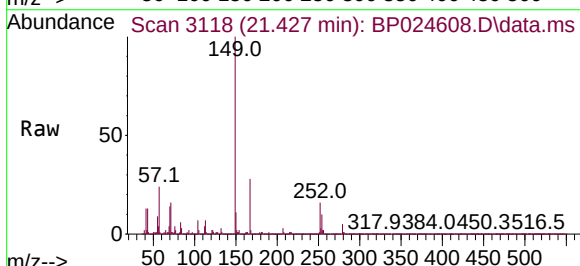
Tgt Ion:149 Resp: 1725117

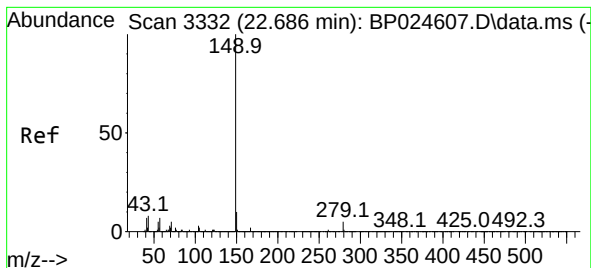
Ion Ratio Lower Upper

149 100

167 27.6 21.8 32.8

279 5.3 4.9 7.3





#85

Di-n-octyl phthalate

Concen: 52.514 ng

RT: 22.680 min Scan# 31

Delta R.T. -0.006 min

Lab File: BP024608.D

Acq: 12 May 2025 18:42

Instrument :

BNA\_P

ClientSampleId :

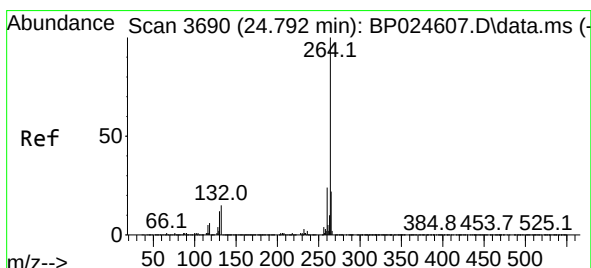
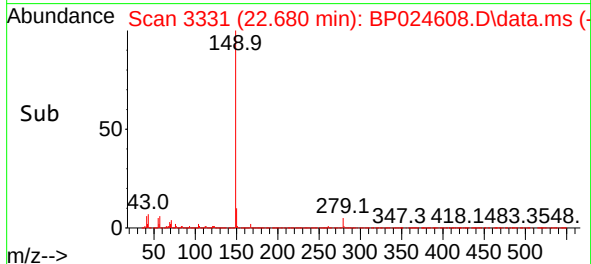
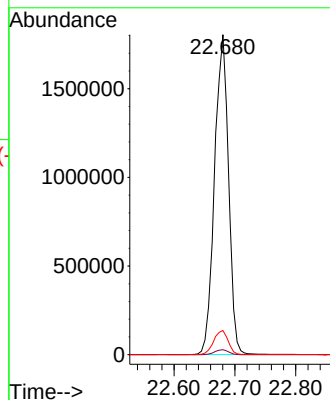
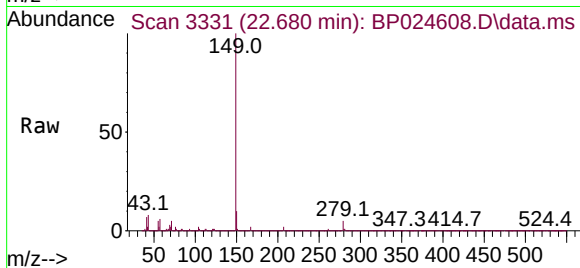
Tgt Ion:149 Resp: 2878138

Ion Ratio Lower Upper

149 100

167 1.5 1.3 1.9

43 7.8 6.3 9.5



#86

Perylene-d12

Concen: 20.000 ng

RT: 24.786 min Scan# 3689

Delta R.T. -0.006 min

Lab File: BP024608.D

Acq: 12 May 2025 18:42

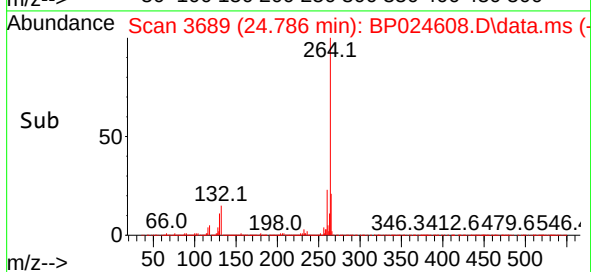
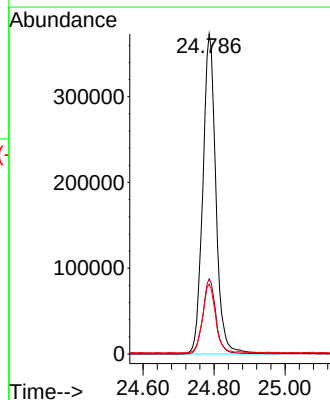
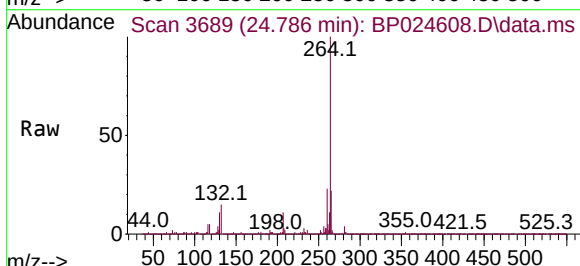
Tgt Ion:264 Resp: 958174

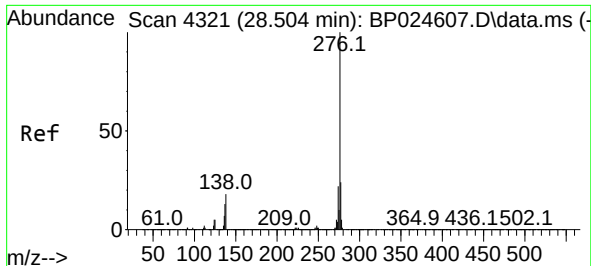
Ion Ratio Lower Upper

264 100

260 23.5 19.0 28.6

265 21.9 17.8 26.6

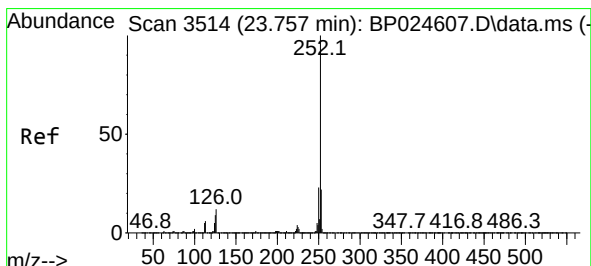
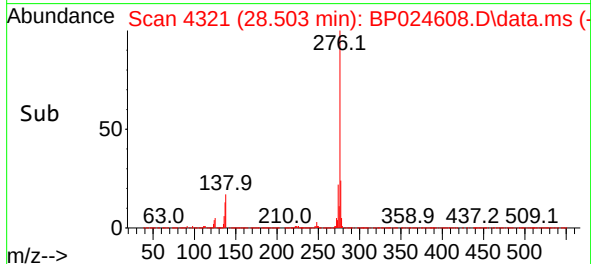
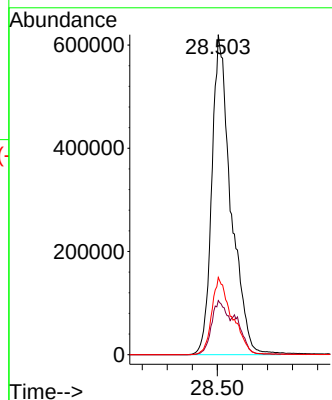
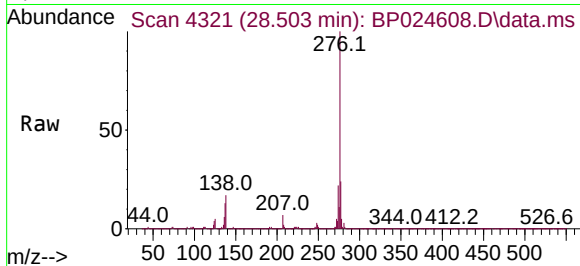




#87  
 Indeno(1,2,3-cd)pyrene  
 Concen: 50.191 ng  
 RT: 28.503 min Scan# 41  
 Delta R.T. -0.000 min  
 Lab File: BP024608.D  
 Acq: 12 May 2025 18:42

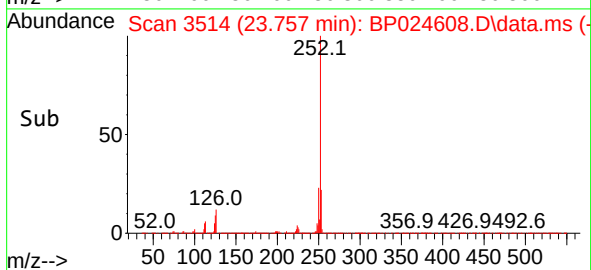
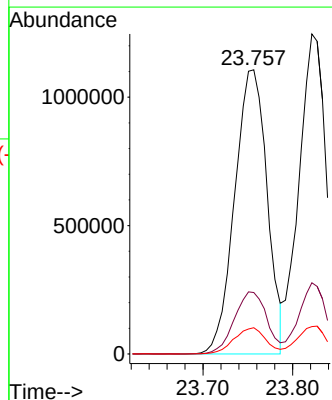
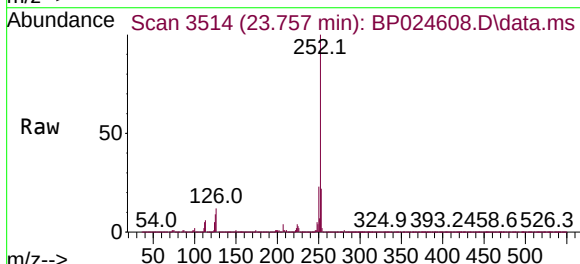
Instrument :  
 BNA\_P  
 ClientSampleId :

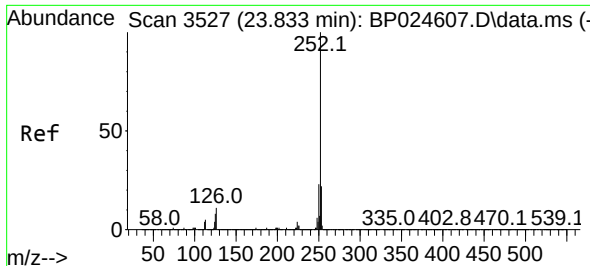
Tgt Ion:276 Resp: 3286670  
 Ion Ratio Lower Upper  
 276 100  
 138 13.9 11.0 16.4  
 277 25.5 16.0 24.0#



#88  
 Benzo(b)fluoranthene  
 Concen: 50.242 ng  
 RT: 23.757 min Scan# 3514  
 Delta R.T. -0.000 min  
 Lab File: BP024608.D  
 Acq: 12 May 2025 18:42

Tgt Ion:252 Resp: 2778244  
 Ion Ratio Lower Upper  
 252 100  
 253 21.6 17.7 26.5  
 125 9.2 7.4 11.0

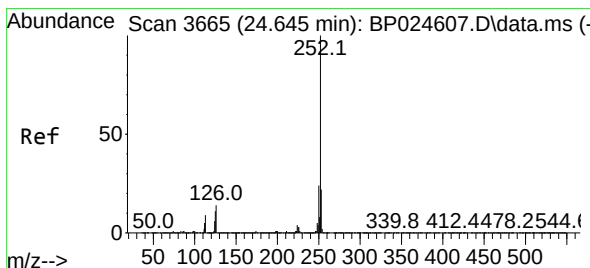
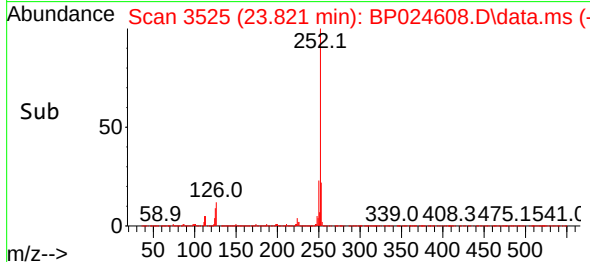
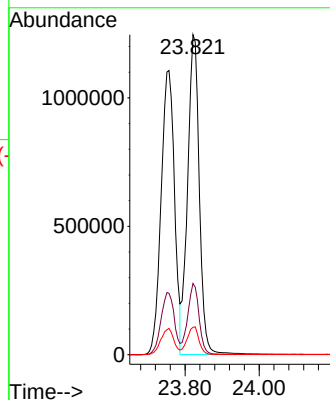
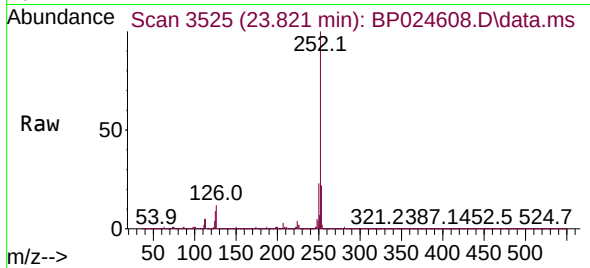




#89  
Benzo(k)fluoranthene  
Concen: 50.162 ng  
RT: 23.821 min Scan# 3527  
Delta R.T. -0.012 min  
Lab File: BP024608.D  
Acq: 12 May 2025 18:42

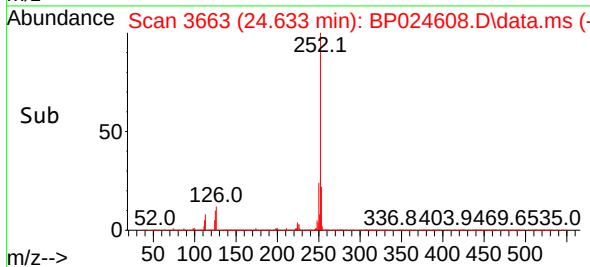
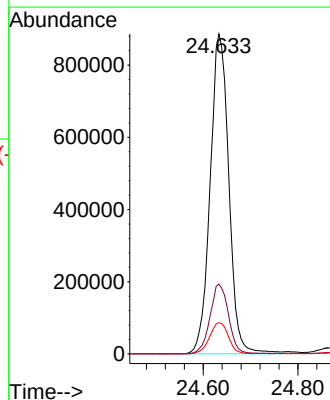
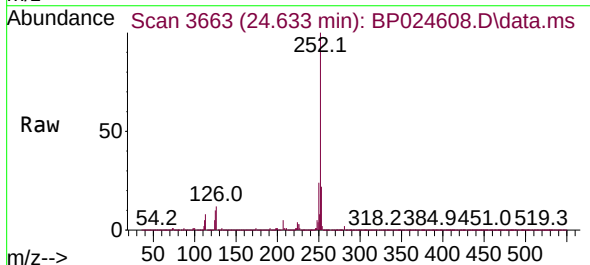
Instrument :  
BNA\_P  
ClientSampleId :

Tgt Ion:252 Resp: 2737321  
Ion Ratio Lower Upper  
252 100  
253 22.3 17.7 26.5  
125 8.6 6.6 10.0

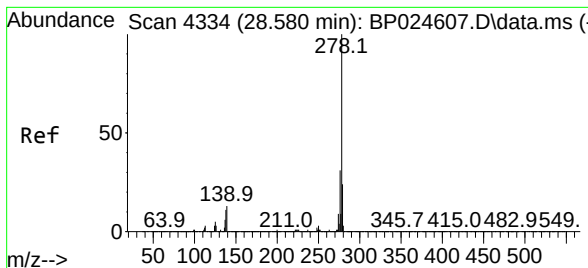


#90  
Benzo(a)pyrene  
Concen: 50.553 ng  
RT: 24.633 min Scan# 3663  
Delta R.T. -0.012 min  
Lab File: BP024608.D  
Acq: 12 May 2025 18:42

Tgt Ion:252 Resp: 2419904  
Ion Ratio Lower Upper  
252 100  
253 21.8 17.3 25.9  
125 9.7 8.8 13.2







#91

Dibenzo(a,h)anthracene

Concen: 50.974 ng

RT: 28.580 min Scan# 41

Delta R.T. -0.000 min

Lab File: BP024608.D

Acq: 12 May 2025 18:42

Instrument :

BNA\_P

ClientSampleId :

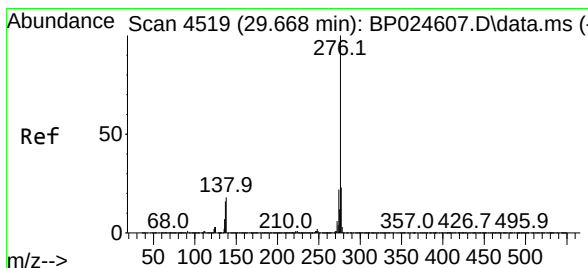
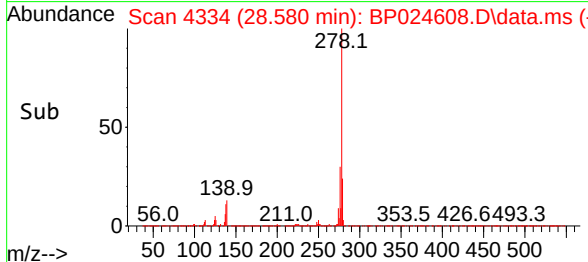
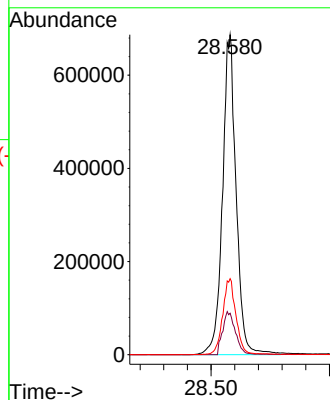
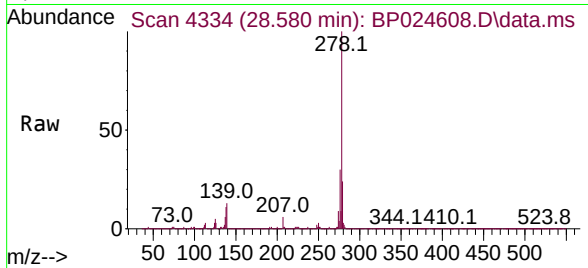
Tgt Ion:278 Resp: 2738395

Ion Ratio Lower Upper

278 100

139 13.0 10.8 16.2

279 23.8 19.0 28.6



#92

Benzo(g,h,i)perylene

Concen: 50.186 ng

RT: 29.668 min Scan# 4519

Delta R.T. -0.000 min

Lab File: BP024608.D

Acq: 12 May 2025 18:42

Tgt Ion:276 Resp: 2785599

Ion Ratio Lower Upper

276 100

277 23.5 18.6 27.8

138 18.1 14.3 21.5

