

Data Path : Z:\svoasrv\HPCHEM1\BNA\_P\Data\BP050725\  
 Data File : BP024562.D  
 Acq On : 07 May 2025 13:37  
 Operator : RC/JU  
 Sample : Q1928-01MSD  
 Misc :  
 ALS Vial : 6 Sample Multiplier: 1

Instrument :  
 BNA\_P  
 ClientSampleId :  
 MH-QMSD

Quant Time: May 07 13:56:53 2025  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_P\Methods\8270E-BP041425.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Fri Apr 18 12:04:48 2025  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc    | Units | Dev(Min) |
|-------------------------------|--------|------|----------|---------|-------|----------|
| -----                         |        |      |          |         |       |          |
| Internal Standards            |        |      |          |         |       |          |
| 1) 1,4-Dichlorobenzene-d4     | 7.704  | 152  | 157526   | 20.000  | ng    | -0.02    |
| 21) Naphthalene-d8            | 10.475 | 136  | 621901   | 20.000  | ng    | #-0.02   |
| 39) Acenaphthene-d10          | 14.333 | 164  | 393833   | 20.000  | ng    | -0.02    |
| 64) Phenanthrene-d10          | 17.127 | 188  | 771993   | 20.000  | ng    | -0.02    |
| 76) Chrysene-d12              | 21.574 | 240  | 874555   | 20.000  | ng    | -0.02    |
| 86) Perylene-d12              | 24.898 | 264  | 1014332  | 20.000  | ng    | -0.04    |
| System Monitoring Compounds   |        |      |          |         |       |          |
| 5) 2-Fluorophenol             | 5.328  | 112  | 677249   | 71.087  | ng    | -0.02    |
| 7) Phenol-d6                  | 6.898  | 99   | 871840   | 66.832  | ng    | -0.01    |
| 23) Nitrobenzene-d5           | 8.851  | 82   | 549495   | 50.382  | ng    | -0.02    |
| 42) 2,4,6-Tribromophenol      | 15.845 | 330  | 460187   | 84.455  | ng    | -0.02    |
| 45) 2-Fluorobiphenyl          | 12.939 | 172  | 1153910  | 44.861  | ng    | -0.02    |
| 79) Terphenyl-d14             | 19.851 | 244  | 2088015  | 48.124  | ng    | -0.02    |
| Target Compounds              |        |      |          |         |       |          |
|                               |        |      |          |         |       | Qvalue   |
| 2) 1,4-Dioxane                | 3.275  | 88   | 165396   | 41.044  | ng    | # 95     |
| 3) Pyridine                   | 3.663  | 79   | 408865   | 38.424  | ng    | 90       |
| 4) n-Nitrosodimethylamine     | 3.575  | 42   | 179044   | 50.699  | ng    | 76       |
| 6) Aniline                    | 7.046  | 93   | 585378   | 50.217  | ng    | 97       |
| 8) 2-Chlorophenol             | 7.281  | 128  | 495585   | 46.591  | ng    | 99       |
| 9) Benzaldehyde               | 6.857  | 77   | 189188   | 29.318  | ng    | 99       |
| 10) Phenol                    | 6.922  | 94   | 588264   | 44.953  | ng    | 92       |
| 11) bis(2-Chloroethyl)ether   | 7.134  | 93   | 444733   | 42.180  | ng    | 99       |
| 12) 1,3-Dichlorobenzene       | 7.598  | 146  | 523654   | 45.728  | ng    | 99       |
| 13) 1,4-Dichlorobenzene       | 7.740  | 146  | 528640   | 45.499  | ng    | 99       |
| 14) 1,2-Dichlorobenzene       | 8.051  | 146  | 507460   | 45.231  | ng    | 98       |
| 15) Benzyl Alcohol            | 7.951  | 79   | 404407   | 47.936  | ng    | 98       |
| 16) 2,2'-oxybis(1-Chloropr... | 8.222  | 45   | 485289   | 42.581  | ng    | 99       |
| 17) 2-Methylphenol            | 8.151  | 107  | 401726   | 47.454  | ng    | 96       |
| 18) Hexachloroethane          | 8.769  | 117  | 198270   | 47.219  | ng    | 97       |
| 19) n-Nitroso-di-n-propyla... | 8.504  | 70   | 327062   | 40.525  | ng    | 94       |
| 20) 3+4-Methylphenols         | 8.475  | 107  | 544513   | 46.356  | ng    | 97       |
| 22) Acetophenone              | 8.522  | 105  | 688833   | 44.751  | ng    | # 97     |
| 24) Nitrobenzene              | 8.893  | 77   | 497758   | 46.134  | ng    | 99       |
| 25) Isophorone                | 9.416  | 82   | 911870   | 46.191  | ng    | 98       |
| 26) 2-Nitrophenol             | 9.598  | 139  | 263592   | 49.923  | ng    | 95       |
| 27) 2,4-Dimethylphenol        | 9.663  | 122  | 445892   | 67.257  | ng    | 98       |
| 28) bis(2-Chloroethoxy)met... | 9.887  | 93   | 564064   | 42.296  | ng    | 99       |
| 29) 2,4-Dichlorophenol        | 10.139 | 162  | 449535   | 49.730  | ng    | 99       |
| 30) 1,2,4-Trichlorobenzene    | 10.334 | 180  | 460154   | 47.511  | ng    | 98       |
| 31) Naphthalene               | 10.528 | 128  | 1438310  | 43.905  | ng    | 99       |
| 32) Benzoic acid              | 9.828  | 122  | 327410   | 42.383  | ng    | 99       |
| 33) 4-Chloroaniline           | 10.639 | 127  | 561129   | 48.639  | ng    | 98       |
| 34) Hexachlorobutadiene       | 10.804 | 225  | 289590   | 50.883  | ng    | 99       |
| 35) Caprolactam               | 11.445 | 113  | 157545   | 47.234  | ng    | 95       |
| 36) 4-Chloro-3-methylphenol   | 11.781 | 107  | 513563   | 48.776  | ng    | 100      |
| 37) 2-Methylnaphthalene       | 12.134 | 142  | 905522   | 39.857  | ng    | 96       |
| 38) 1-Methylnaphthalene       | 12.357 | 142  | 966108   | 43.468  | ng    | 99       |
| 40) 1,2,4,5-Tetrachloroben... | 12.510 | 216  | 509449   | 47.038  | ng    | 99       |
| 41) Hexachlorocyclopentadiene | 12.486 | 237  | 696869   | 181.929 | ng    | 99       |
| 43) 2,4,6-Trichlorophenol     | 12.757 | 196  | 365420   | 50.748  | ng    | 98       |

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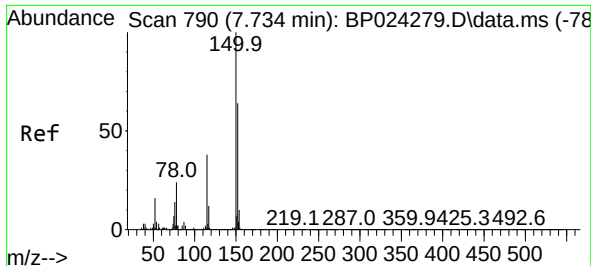
Instrument :  
 BNA\_P  
 ClientSampleId :  
 MH-QMSD

Quant Time: May 07 13:56:53 2025  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_P\Methods\8270E-BP041425.M  
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| Compound                      | R.T.   | QIon | Response | Conc    | Units | Dev(Min) |
|-------------------------------|--------|------|----------|---------|-------|----------|
| 44) 2,4,5-Trichlorophenol     | 12.839 | 196  | 401238   | 50.319  | ng    | 99       |
| 46) 1,1'-Biphenyl             | 13.151 | 154  | 1292677  | 44.654  | ng    | 99       |
| 47) 2-Chloronaphthalene       | 13.198 | 162  | 996212   | 46.044  | ng    | 99       |
| 48) 2-Nitroaniline            | 13.410 | 65   | 313307   | 51.624  | ng    | 96       |
| 49) Acenaphthylene            | 14.051 | 152  | 1660892  | 48.758  | ng    | 99       |
| 50) Dimethylphthalate         | 13.792 | 163  | 1320326  | 46.100  | ng    | 100      |
| 51) 2,6-Dinitrotoluene        | 13.910 | 165  | 291084   | 47.862  | ng    | 92       |
| 52) Acenaphthene              | 14.398 | 154  | 945952   | 43.803  | ng    | 99       |
| 53) 3-Nitroaniline            | 14.251 | 138  | 306831   | 48.003  | ng    | 100      |
| 54) 2,4-Dinitrophenol         | 14.463 | 184  | 395229   | 110.325 | ng    | 92       |
| 55) Dibenzofuran              | 14.739 | 168  | 1527310  | 43.267  | ng    | 96       |
| 56) 4-Nitrophenol             | 14.592 | 139  | 542331   | 98.241  | ng    | 93       |
| 57) 2,4-Dinitrotoluene        | 14.716 | 165  | 428851   | 51.693  | ng    | 96       |
| 58) Fluorene                  | 15.398 | 166  | 1236303  | 45.242  | ng    | 100      |
| 59) 2,3,4,6-Tetrachlorophenol | 14.975 | 232  | 353479   | 48.064  | ng    | 99       |
| 60) Diethylphthalate          | 15.175 | 149  | 1346542  | 45.623  | ng    | 99       |
| 61) 4-Chlorophenyl-phenyle... | 15.392 | 204  | 604756   | 45.574  | ng    | 98       |
| 62) 4-Nitroaniline            | 15.427 | 138  | 324042   | 47.888  | ng    | 85       |
| 63) Azobenzene                | 15.686 | 77   | 1257263  | 46.347  | ng    | 96       |
| 65) 4,6-Dinitro-2-methylph... | 15.492 | 198  | 247587   | 50.869  | ng    | 96       |
| 66) n-Nitrosodiphenylamine    | 15.616 | 169  | 1091788  | 47.382  | ng    | 99       |
| 67) 4-Bromophenyl-phenylether | 16.304 | 248  | 414138   | 49.050  | ng    | 100      |
| 68) Hexachlorobenzene         | 16.416 | 284  | 514146   | 51.247  | ng    | 99       |
| 69) Atrazine                  | 16.592 | 200  | 392473   | 66.876  | ng    | 99       |
| 70) Pentachlorophenol         | 16.780 | 266  | 691833   | 98.845  | ng    | 100      |
| 71) Phenanthrene              | 17.174 | 178  | 1921721  | 45.631  | ng    | 100      |
| 72) Anthracene                | 17.269 | 178  | 1969025  | 48.511  | ng    | 99       |
| 73) Carbazole                 | 17.551 | 167  | 1882845  | 47.475  | ng    | 99       |
| 74) Di-n-butylphthalate       | 18.133 | 149  | 2397286  | 48.518  | ng    | 99       |
| 75) Fluoranthene              | 19.263 | 202  | 2339401  | 46.706  | ng    | 97       |
| 77) Benzidine                 | 19.463 | 184  | 1220239  | 110.073 | ng    | 99       |
| 78) Pyrene                    | 19.639 | 202  | 2431140  | 43.742  | ng    | 100      |
| 80) Butylbenzylphthalate      | 20.586 | 149  | 1160705  | 48.757  | ng    | 98       |
| 81) Benzo(a)anthracene        | 21.557 | 228  | 2582660  | 47.511  | ng    | 100      |
| 82) 3,3'-Dichlorobenzidine    | 21.480 | 252  | 938740   | 49.202  | ng    | 99       |
| 83) Chrysene                  | 21.621 | 228  | 2383597  | 45.769  | ng    | 100      |
| 84) Bis(2-ethylhexyl)phtha... | 21.492 | 149  | 1688963  | 48.397  | ng    | 99       |
| 85) Di-n-octyl phthalate      | 22.762 | 149  | 2955365  | 52.091  | ng    | 100      |
| 87) Indeno(1,2,3-cd)pyrene    | 28.674 | 276  | 3592229  | 51.012  | ng    | 96       |
| 88) Benzo(b)fluoranthene      | 23.856 | 252  | 2804625m | 46.129  | ng    |          |
| 89) Benzo(k)fluoranthene      | 23.921 | 252  | 2769797  | 47.162  | ng    | 98       |
| 90) Benzo(a)pyrene            | 24.745 | 252  | 2696702  | 51.419  | ng    | 98       |
| 91) Dibenzo(a,h)anthracene    | 28.750 | 278  | 2965315  | 50.732  | ng    | 97       |
| 92) Benzo(g,h,i)perylene      | 29.856 | 276  | 2865086  | 48.158  | ng #  | 95       |

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

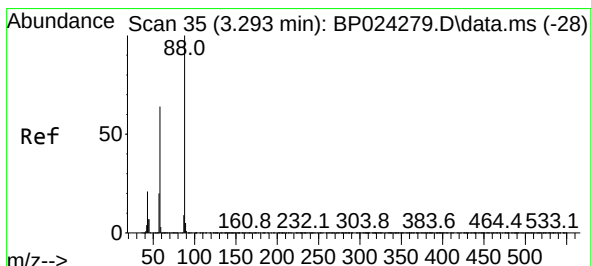
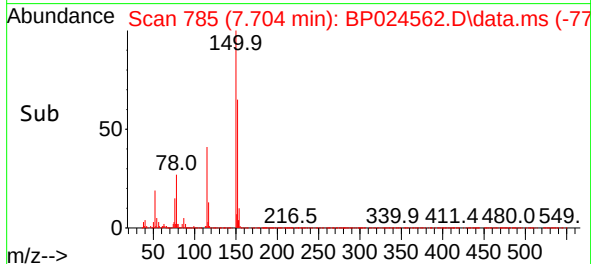
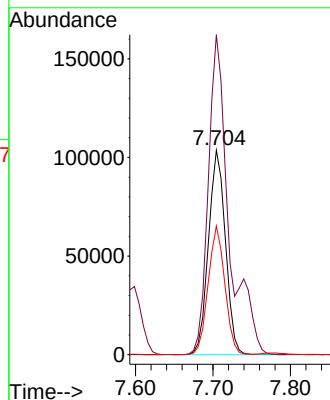
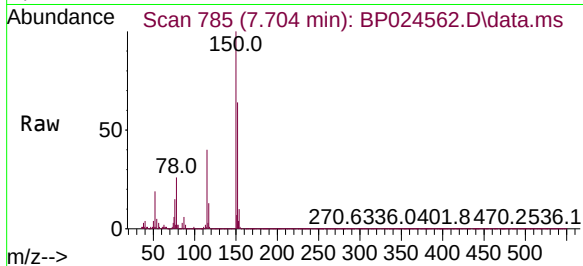




#1  
 1,4-Dichlorobenzene-d4  
 Concen: 20.000 ng  
 RT: 7.704 min Scan# 71  
 Delta R.T. -0.018 min  
 Lab File: BP024562.D  
 Acq: 07 May 2025 13:37

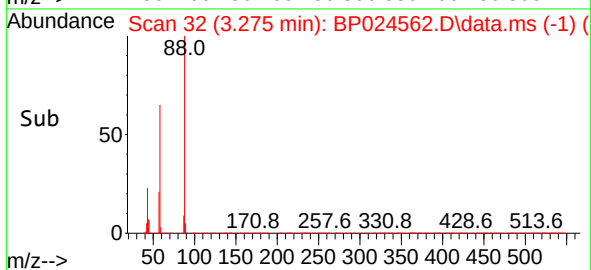
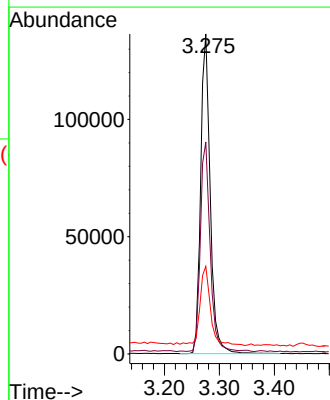
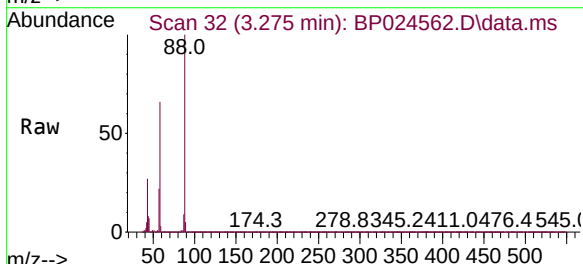
Instrument :  
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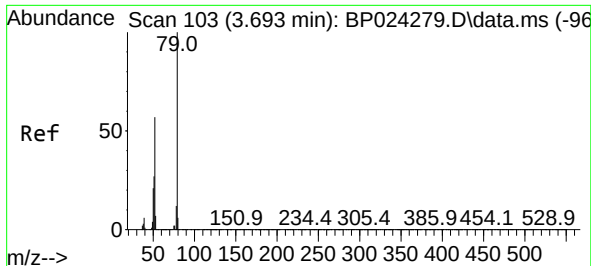
Tgt Ion:152 Resp: 157526  
 Ion Ratio Lower Upper  
 152 100  
 150 156.5 124.9 187.3  
 115 62.9 47.7 71.5



#2  
 1,4-Dioxane  
 Concen: 41.044 ng  
 RT: 3.275 min Scan# 32  
 Delta R.T. -0.012 min  
 Lab File: BP024562.D  
 Acq: 07 May 2025 13:37

Tgt Ion: 88 Resp: 165396  
 Ion Ratio Lower Upper  
 88 100  
 58 66.5 51.4 77.2  
 43 26.9 17.1 25.7#



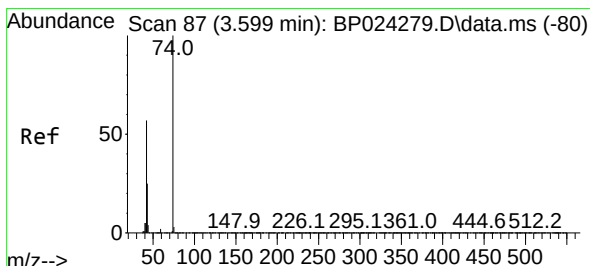
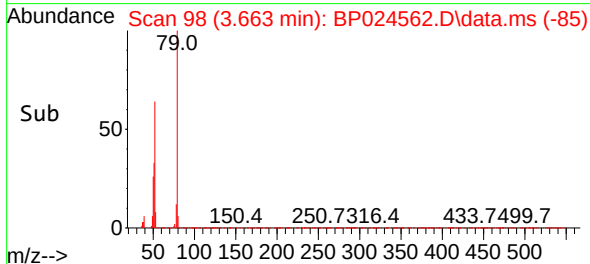
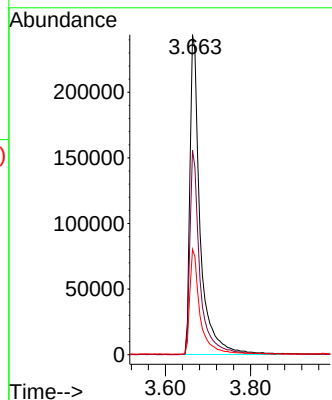
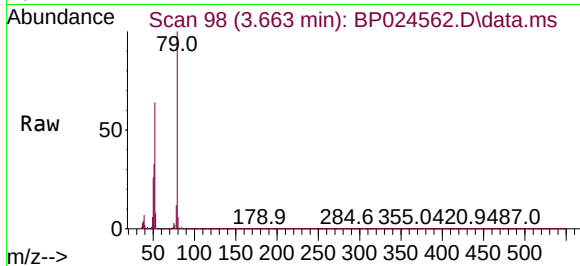


#3  
 Pyridine  
 Concen: 38.424 ng  
 RT: 3.663 min Scan# 91  
 Delta R.T. -0.024 min  
 Lab File: BP024562.D  
 Acq: 07 May 2025 13:37

Instrument :  
 BNA\_P  
 ClientSampleId :  
 MH-QMSD

Tgt Ion: 79 Resp: 408865  

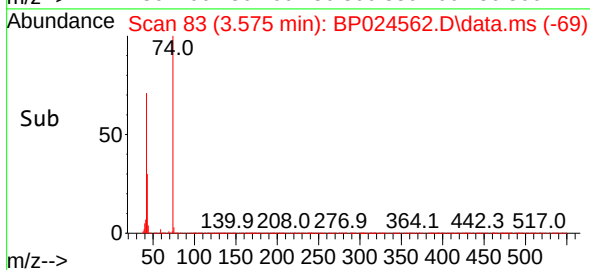
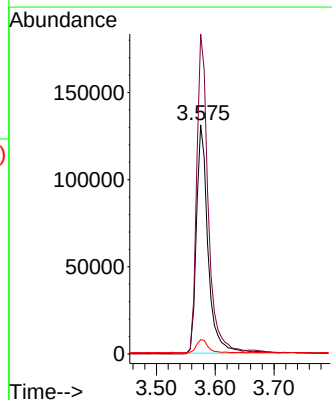
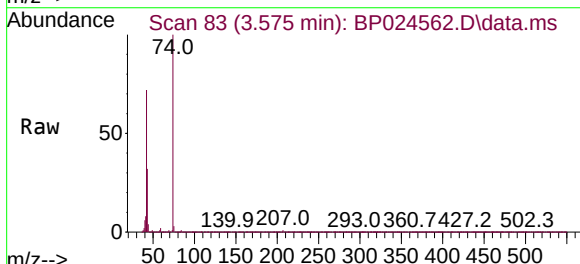
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 79  | 100   |       |       |
| 52  | 64.0  | 45.4  | 68.2  |
| 51  | 33.0  | 22.6  | 33.8  |

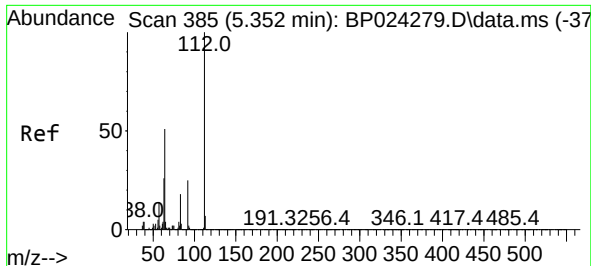


#4  
 n-Nitrosodimethylamine  
 Concen: 50.699 ng  
 RT: 3.575 min Scan# 83  
 Delta R.T. -0.018 min  
 Lab File: BP024562.D  
 Acq: 07 May 2025 13:37

Tgt Ion: 42 Resp: 179044  

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 42  | 100   |       |       |
| 74  | 139.7 | 139.5 | 209.3 |
| 44  | 6.2   | 5.8   | 8.8   |

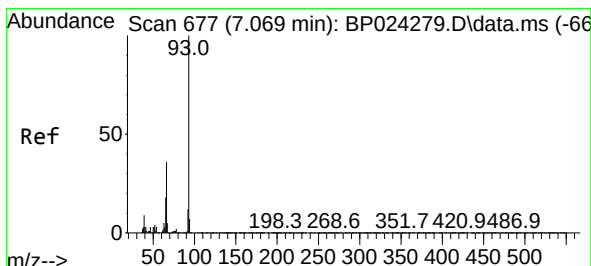
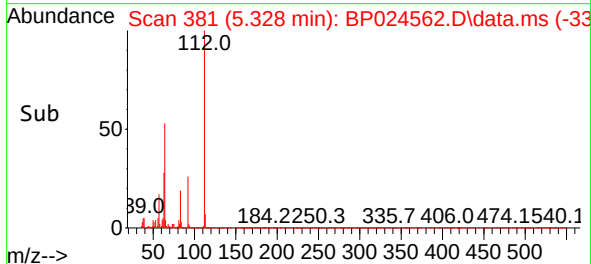
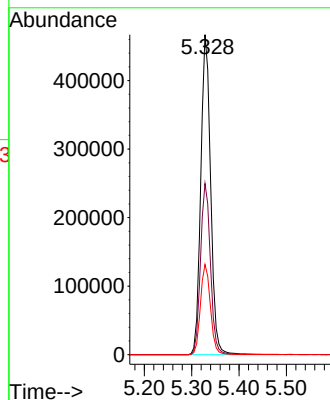
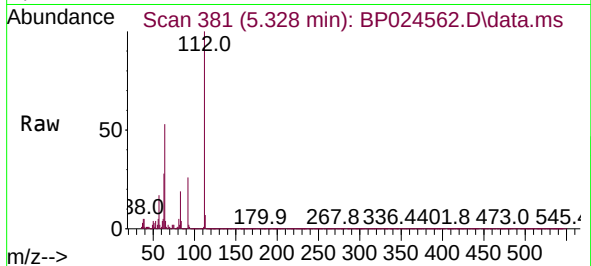




#5  
2-Fluorophenol  
Concen: 71.087 ng  
RT: 5.328 min Scan# 381  
Delta R.T. -0.018 min  
Lab File: BP024562.D  
Acq: 07 May 2025 13:37

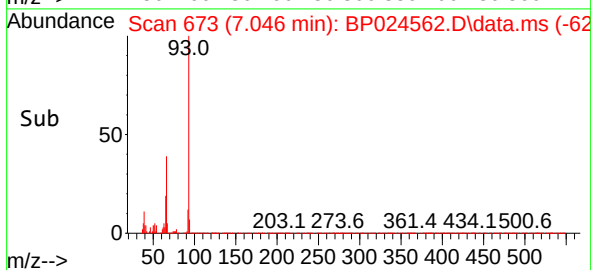
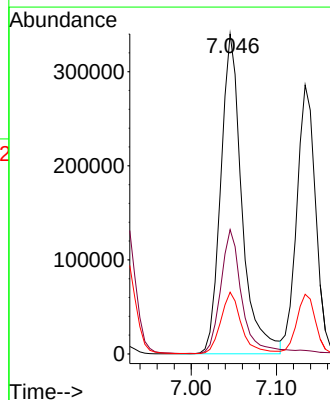
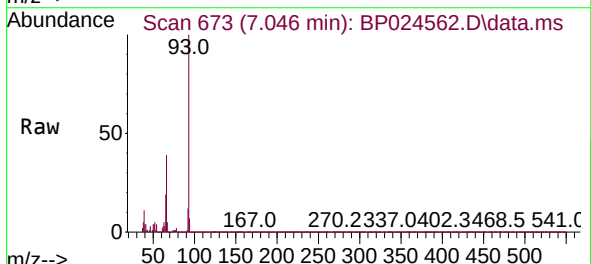
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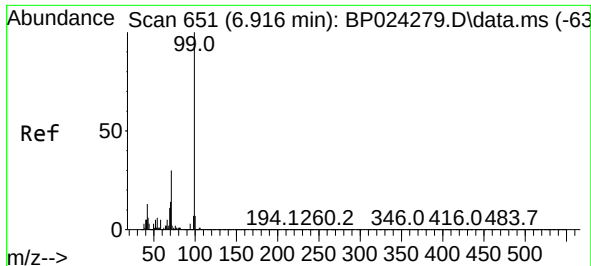
Tgt Ion:112 Resp: 677249  
Ion Ratio Lower Upper  
112 100  
64 53.5 41.1 61.7  
63 28.2 20.6 30.8



#6  
Aniline  
Concen: 50.217 ng  
RT: 7.046 min Scan# 673  
Delta R.T. -0.018 min  
Lab File: BP024562.D  
Acq: 07 May 2025 13:37

Tgt Ion: 93 Resp: 585378  
Ion Ratio Lower Upper  
93 100  
66 38.9 29.1 43.7  
65 19.3 14.7 22.1





#7

Phenol-d6

Concen: 66.832 ng

RT: 6.898 min Scan# 64

Delta R.T. -0.012 min

Lab File: BP024562.D

Acq: 07 May 2025 13:37

Instrument :

BNA\_P

ClientSampleId :

MH-QMSD

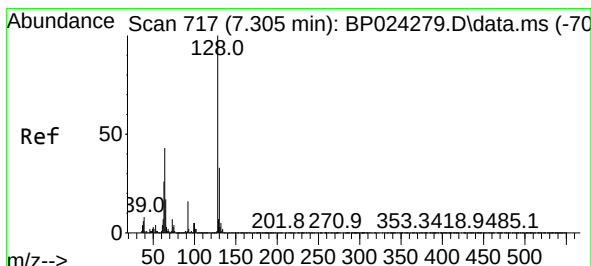
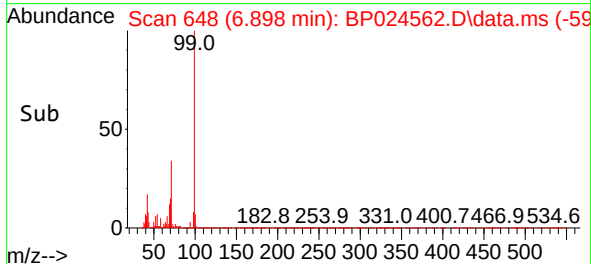
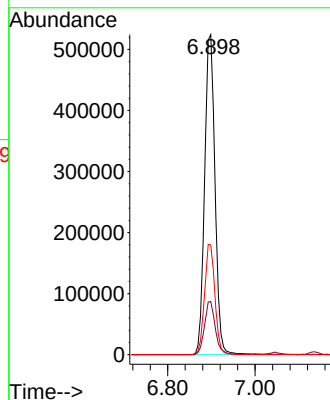
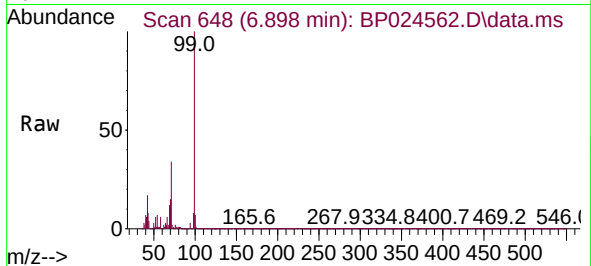
Tgt Ion: 99 Resp: 871840

Ion Ratio Lower Upper

99 100

42 16.6 10.6 16.0#

71 34.3 23.7 35.5



#8

2-Chlorophenol

Concen: 46.591 ng

RT: 7.281 min Scan# 713

Delta R.T. -0.018 min

Lab File: BP024562.D

Acq: 07 May 2025 13:37

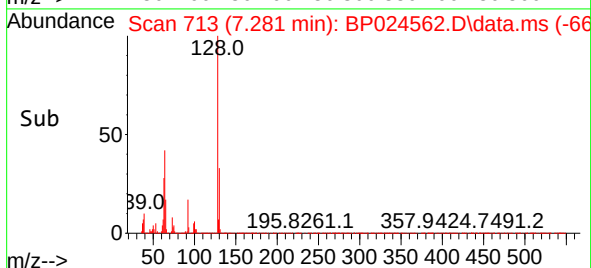
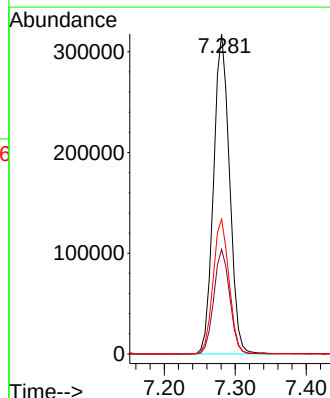
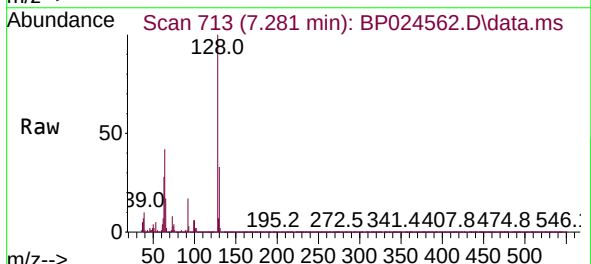
Tgt Ion:128 Resp: 495585

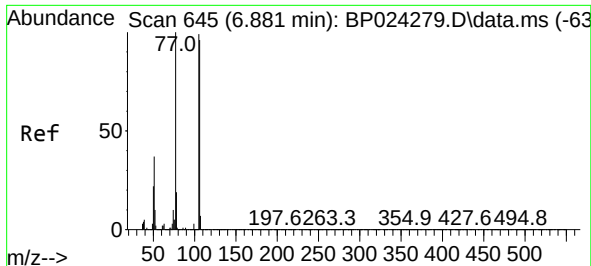
Ion Ratio Lower Upper

128 100

130 32.7 12.9 52.9

64 42.1 22.7 62.7

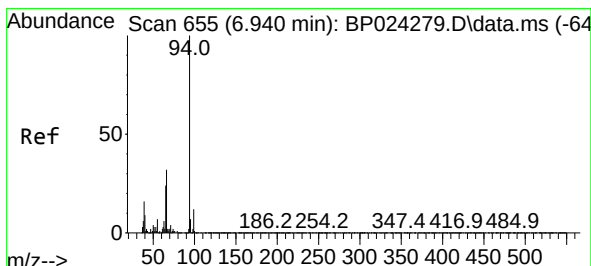
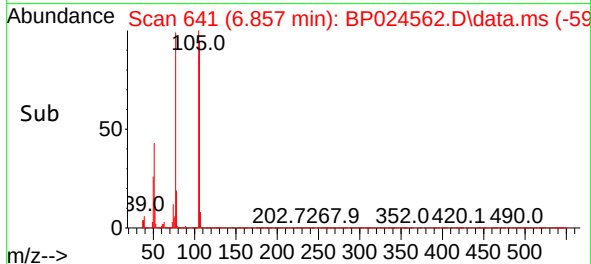
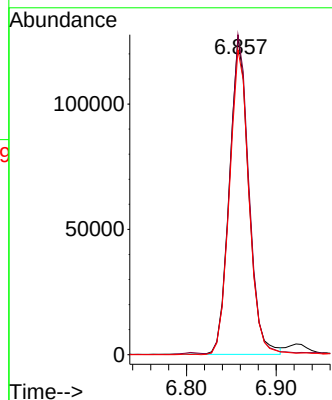
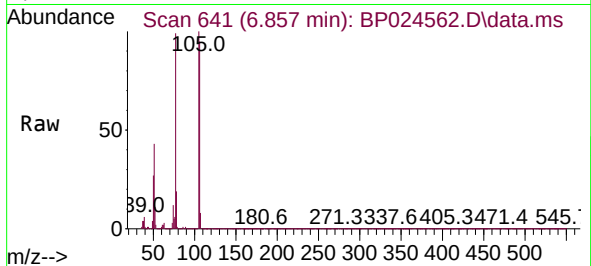




#9  
Benzaldehyde  
Concen: 29.318 ng  
RT: 6.857 min Scan# 641  
Delta R.T. -0.024 min  
Lab File: BP024562.D  
Acq: 07 May 2025 13:37

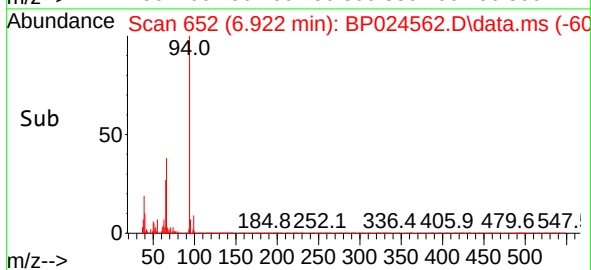
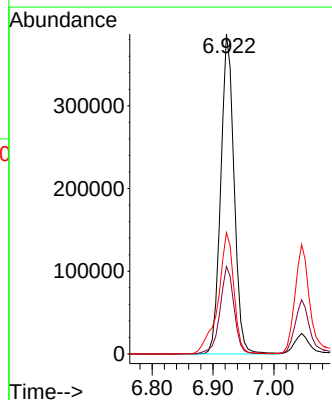
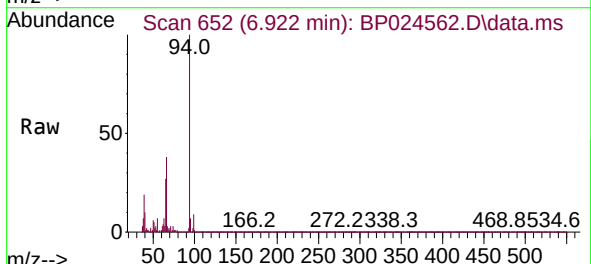
Instrument :  
BNA\_P  
ClientSampleId :  
MH-QMSD

Tgt Ion: 77 Resp: 189188  
Ion Ratio Lower Upper  
77 100  
105 100.8 79.2 119.2  
106 96.0 76.2 116.2

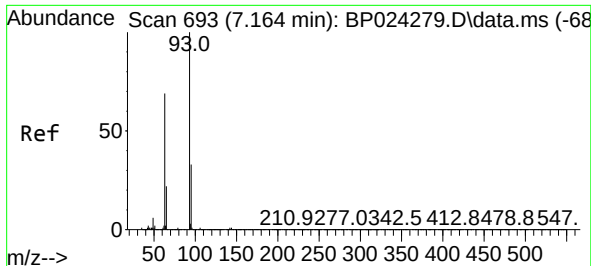


#10  
Phenol  
Concen: 44.953 ng  
RT: 6.922 min Scan# 652  
Delta R.T. -0.018 min  
Lab File: BP024562.D  
Acq: 07 May 2025 13:37

Tgt Ion: 94 Resp: 588264  
Ion Ratio Lower Upper  
94 100  
65 27.3 4.5 44.5  
66 37.9 12.4 52.4



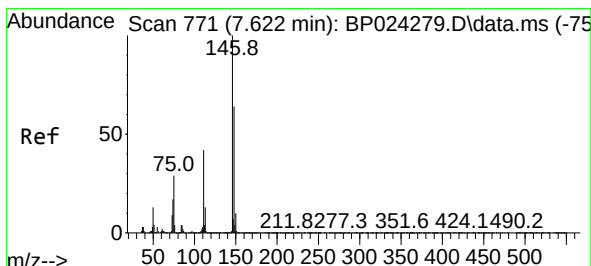
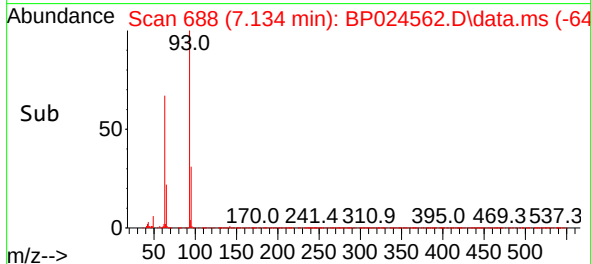
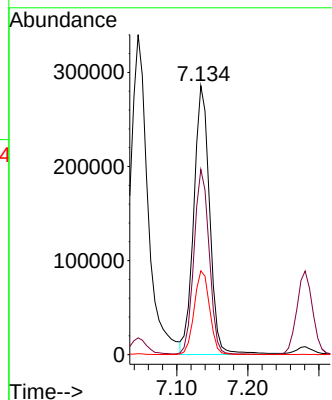
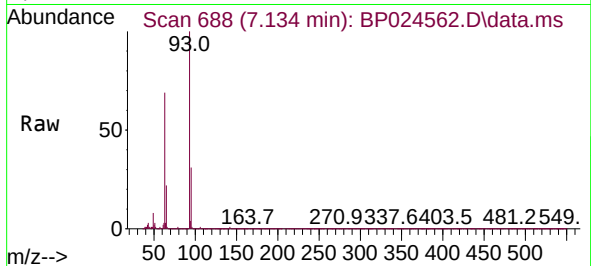




#11  
bis(2-Chloroethyl)ether  
Concen: 42.180 ng  
RT: 7.134 min Scan# 61  
Delta R.T. -0.024 min  
Lab File: BP024562.D  
Acq: 07 May 2025 13:37

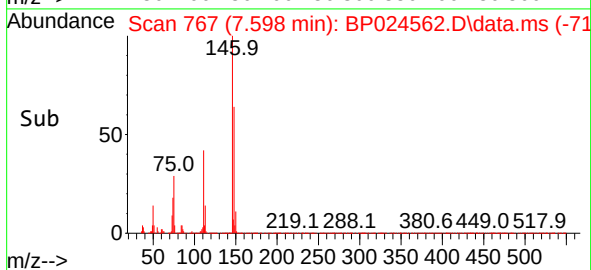
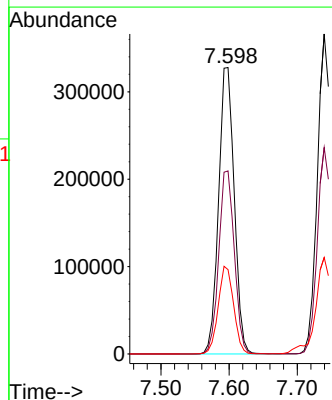
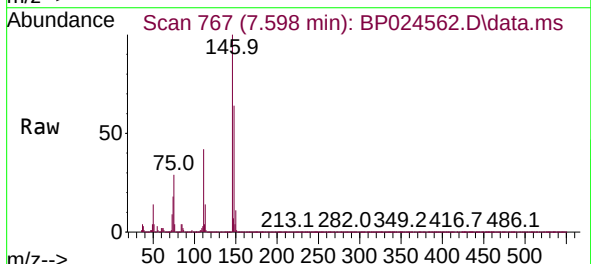
Instrument :  
BNA\_P  
ClientSampleId :  
MH-QMSD

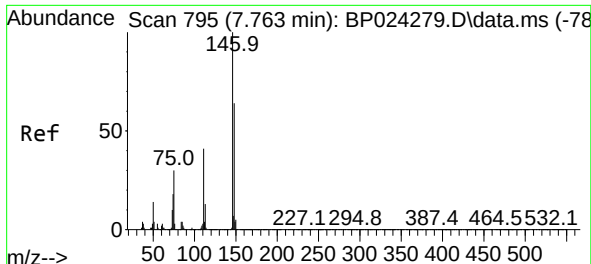
Tgt Ion: 93 Resp: 444733  
Ion Ratio Lower Upper  
93 100  
63 68.9 48.6 88.6  
95 31.2 12.3 52.3



#12  
1,3-Dichlorobenzene  
Concen: 45.728 ng  
RT: 7.598 min Scan# 767  
Delta R.T. -0.018 min  
Lab File: BP024562.D  
Acq: 07 May 2025 13:37

Tgt Ion:146 Resp: 523654  
Ion Ratio Lower Upper  
146 100  
148 63.9 51.4 77.0  
75 29.4 22.9 34.3

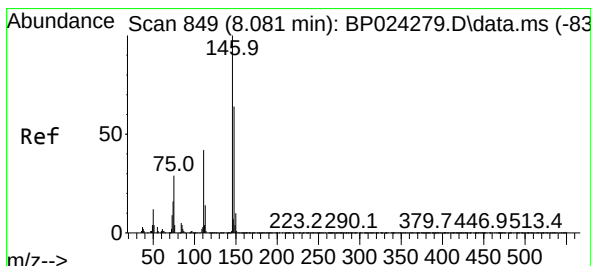
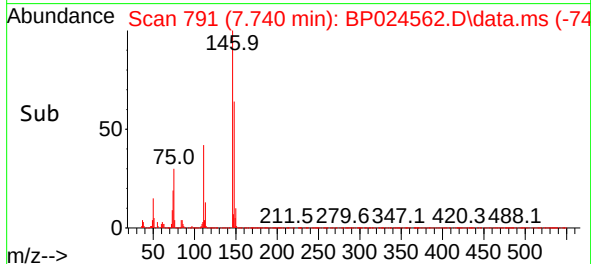
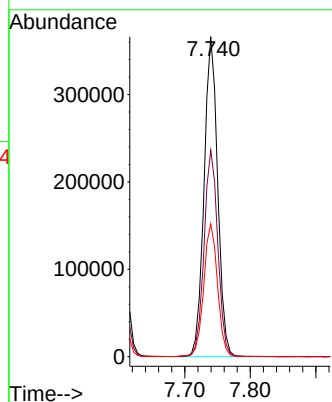
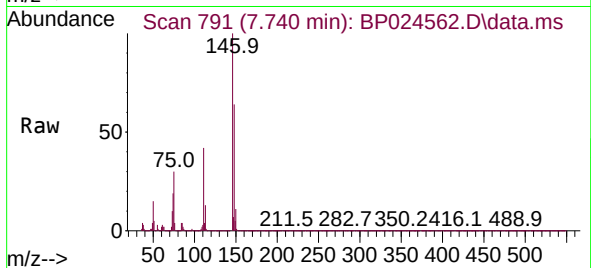




#13  
1,4-Dichlorobenzene  
Concen: 45.499 ng  
RT: 7.740 min Scan# 795  
Delta R.T. -0.018 min  
Lab File: BP024562.D  
Acq: 07 May 2025 13:37

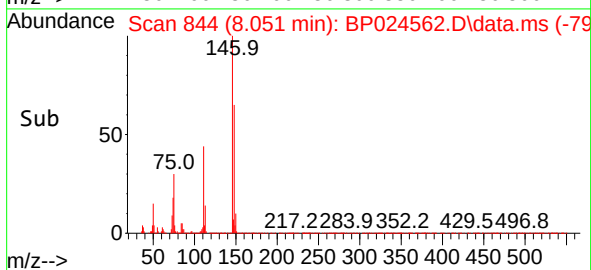
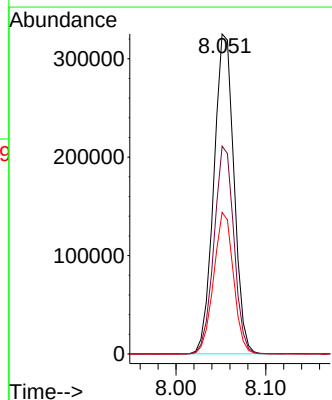
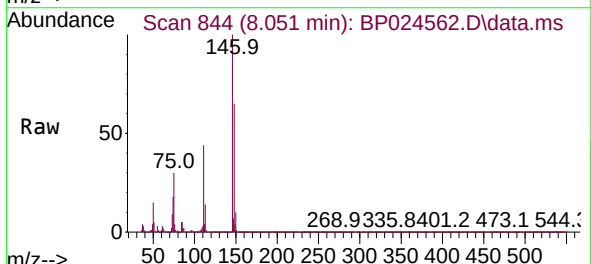
Instrument :  
BNA\_P  
ClientSampleId :  
MH-QMSD

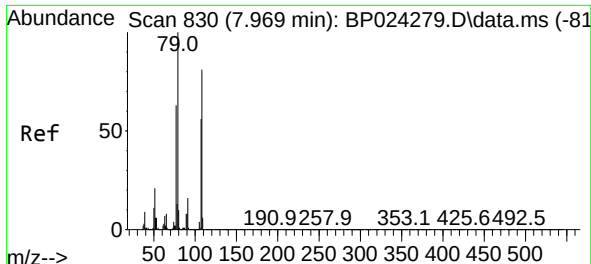
Tgt Ion:146 Resp: 528640  
Ion Ratio Lower Upper  
146 100  
148 64.5 51.1 76.7  
111 41.5 32.6 48.8



#14  
1,2-Dichlorobenzene  
Concen: 45.231 ng  
RT: 8.051 min Scan# 844  
Delta R.T. -0.024 min  
Lab File: BP024562.D  
Acq: 07 May 2025 13:37

Tgt Ion:146 Resp: 507460  
Ion Ratio Lower Upper  
146 100  
148 65.0 51.0 76.4  
111 44.3 33.8 50.8

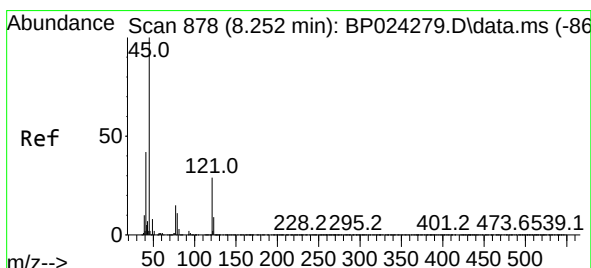
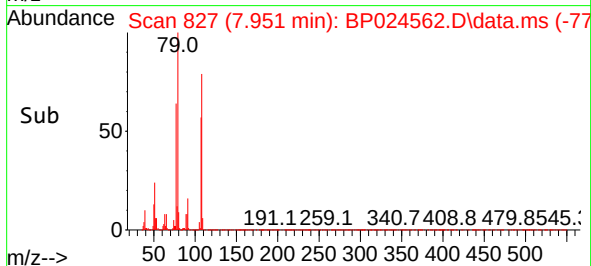
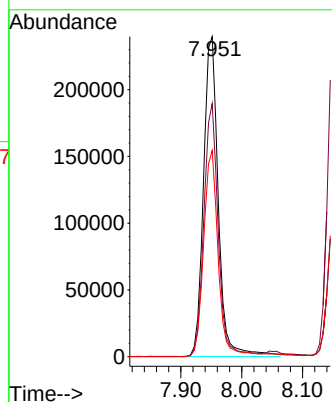
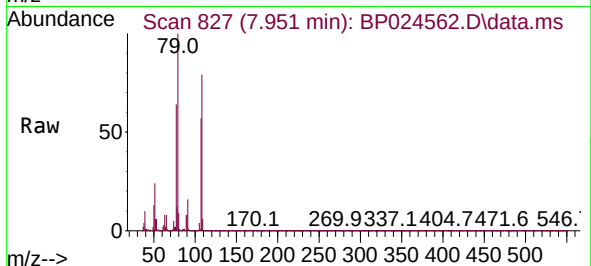




#15  
Benzyl Alcohol  
Concen: 47.936 ng  
RT: 7.951 min Scan# 81  
Delta R.T. -0.012 min  
Lab File: BP024562.D  
Acq: 07 May 2025 13:37

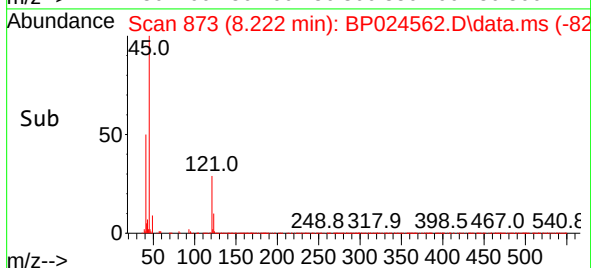
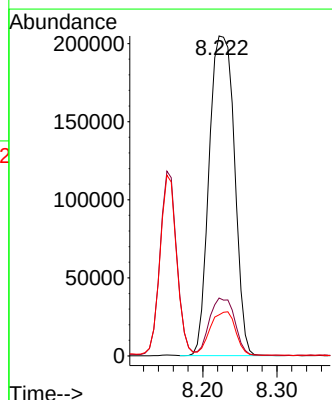
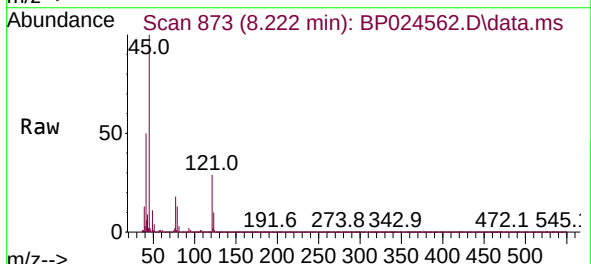
Instrument :  
BNA\_P  
ClientSampleId :  
MH-QMSD

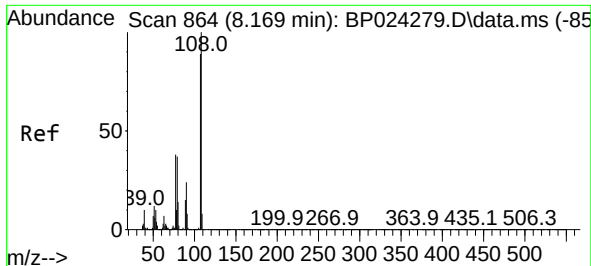
Tgt Ion: 79 Resp: 404407  
Ion Ratio Lower Upper  
79 100  
108 79.1 65.1 97.7  
77 64.4 50.7 76.1



#16  
2,2'-oxybis(1-Chloropropane)  
Concen: 42.581 ng  
RT: 8.222 min Scan# 873  
Delta R.T. -0.024 min  
Lab File: BP024562.D  
Acq: 07 May 2025 13:37

Tgt Ion: 45 Resp: 485289  
Ion Ratio Lower Upper  
45 100  
77 18.1 0.0 37.7  
79 12.9 0.0 33.5

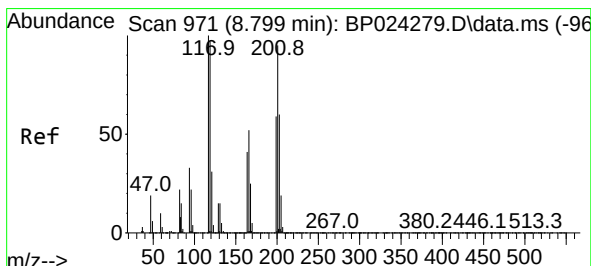
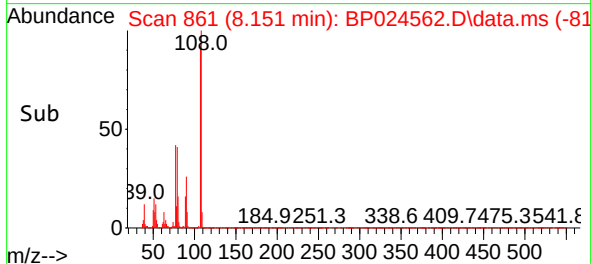
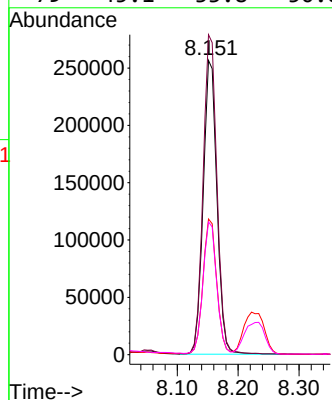
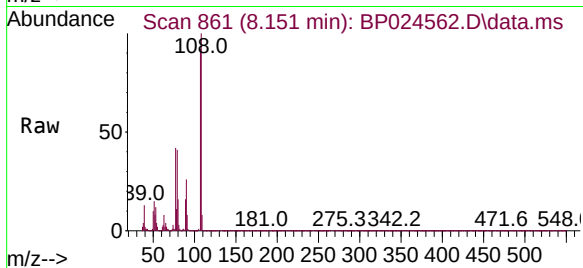




#17  
2-Methylphenol  
Concen: 47.454 ng  
RT: 8.151 min Scan# 80  
Delta R.T. -0.018 min  
Lab File: BP024562.D  
Acq: 07 May 2025 13:37

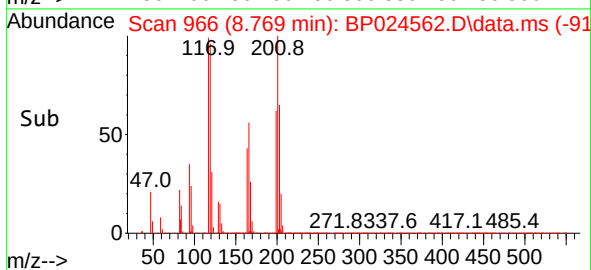
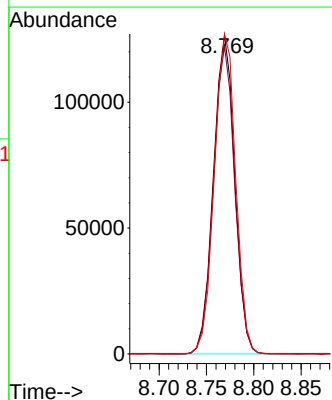
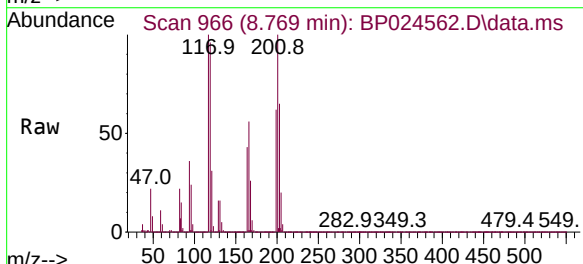
Instrument :  
BNA\_P  
ClientSampleId :  
MH-QMSD

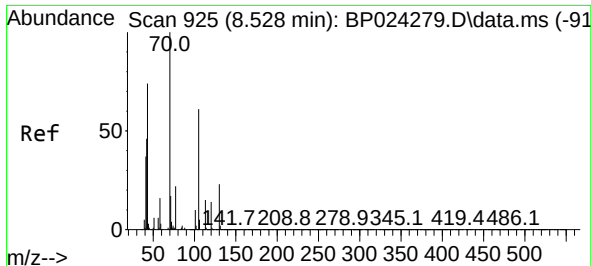
|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 107   | Resp: | 401726 |
| Ion      | Ratio | Lower | Upper  |
| 107      | 100   |       |        |
| 108      | 108.7 | 89.8  | 134.6  |
| 77       | 46.1  | 34.2  | 51.4   |
| 79       | 45.1  | 33.8  | 50.8   |



#18  
Hexachloroethane  
Concen: 47.219 ng  
RT: 8.769 min Scan# 966  
Delta R.T. -0.024 min  
Lab File: BP024562.D  
Acq: 07 May 2025 13:37

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 117   | Resp: | 198270 |
| Ion      | Ratio | Lower | Upper  |
| 117      | 100   |       |        |
| 119      | 96.5  | 77.8  | 116.6  |
| 201      | 100.5 | 75.9  | 113.9  |

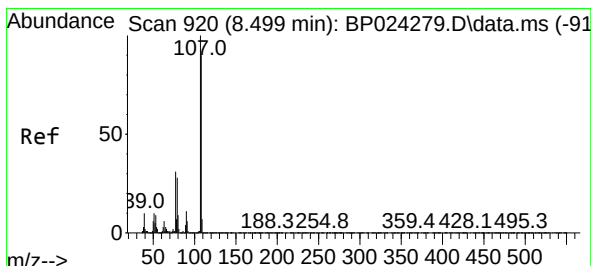
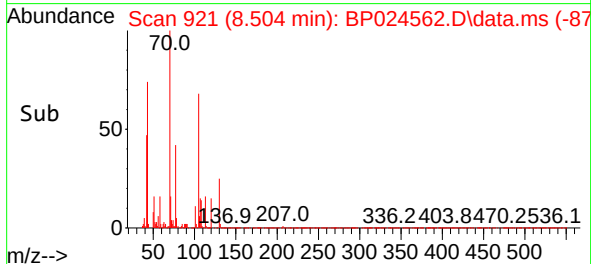
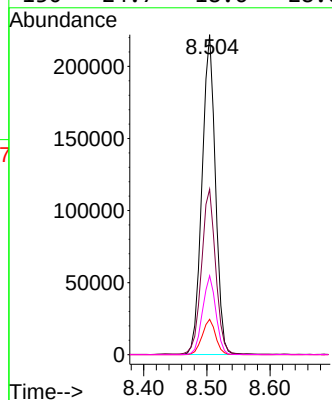
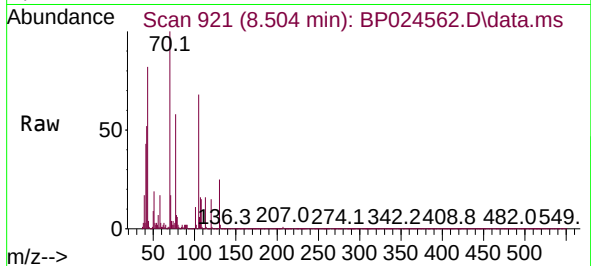




#19  
n-Nitroso-di-n-propylamine  
Concen: 40.525 ng  
RT: 8.504 min Scan# 916  
Delta R.T. -0.018 min  
Lab File: BP024562.D  
Acq: 07 May 2025 13:37

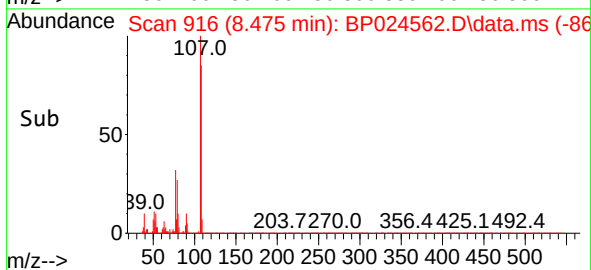
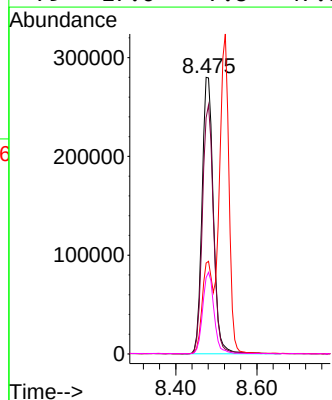
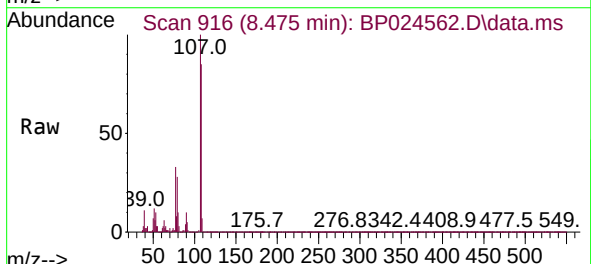
Instrument :  
BNA\_P  
ClientSampleId :  
MH-QMSD

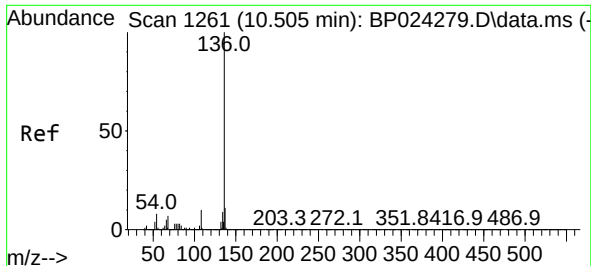
|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 70    | Resp: | 327062 |
| Ion      | Ratio | Lower | Upper  |
| 70       | 100   |       |        |
| 42       | 51.7  | 37.3  | 55.9   |
| 101      | 11.1  | 8.2   | 12.4   |
| 130      | 24.7  | 18.6  | 28.0   |



#20  
3+4-Methylphenols  
Concen: 46.356 ng  
RT: 8.475 min Scan# 916  
Delta R.T. -0.018 min  
Lab File: BP024562.D  
Acq: 07 May 2025 13:37

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 107   | Resp: | 544513 |
| Ion      | Ratio | Lower | Upper  |
| 107      | 100   |       |        |
| 108      | 85.4  | 69.8  | 109.8  |
| 77       | 32.9  | 11.5  | 51.5   |
| 79       | 27.6  | 7.8   | 47.8   |

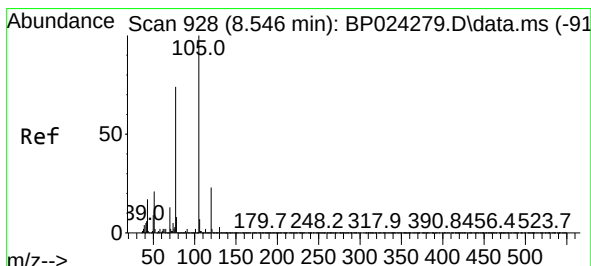
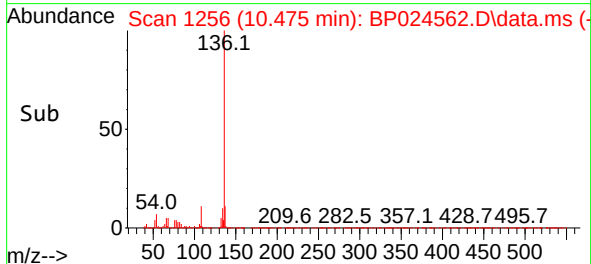
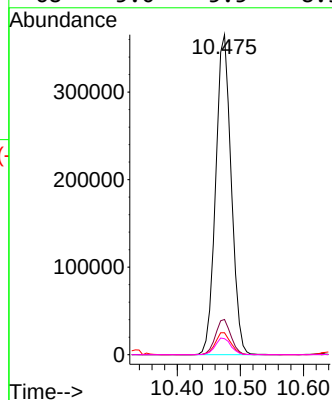
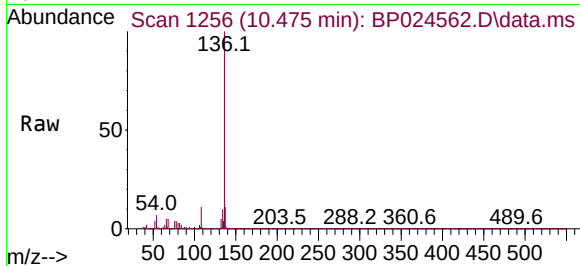




#21  
Naphthalene-d8  
Concen: 20.000 ng  
RT: 10.475 min Scan# 11  
Delta R.T. -0.024 min  
Lab File: BP024562.D  
Acq: 07 May 2025 13:37

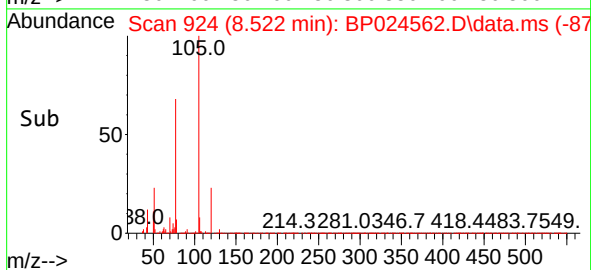
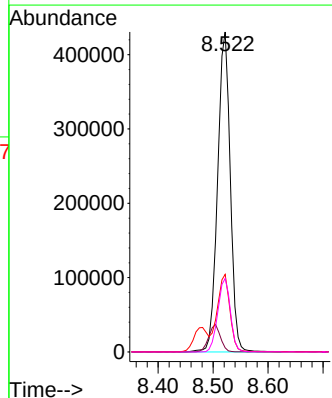
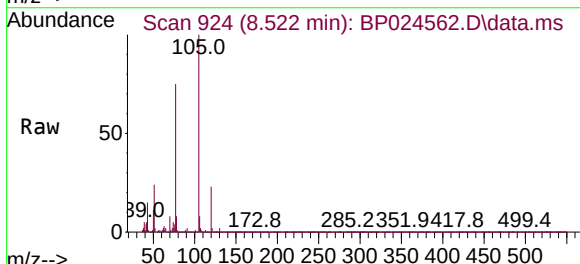
Instrument :  
BNA\_P  
ClientSampleId :  
MH-QMSD

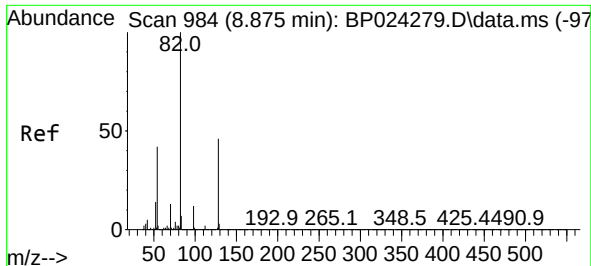
|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 136   | Resp: | 621901 |
| Ion      | Ratio | Lower | Upper  |
| 136      | 100   |       |        |
| 137      | 11.0  | 9.2   | 13.8   |
| 54       | 6.9   | 6.0   | 9.0    |
| 68       | 5.0   | 5.5   | 8.3    |



#22  
Acetophenone  
Concen: 44.751 ng  
RT: 8.522 min Scan# 924  
Delta R.T. -0.018 min  
Lab File: BP024562.D  
Acq: 07 May 2025 13:37

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 105   | Resp: | 688833 |
| Ion      | Ratio | Lower | Upper  |
| 105      | 100   |       |        |
| 71       | 1.3   | 1.7   | 2.5    |
| 51       | 24.2  | 16.9  | 25.3   |
| 120      | 23.0  | 18.6  | 28.0   |

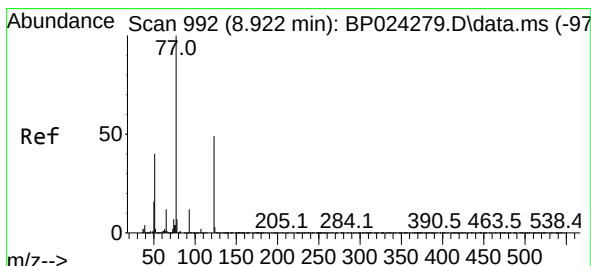
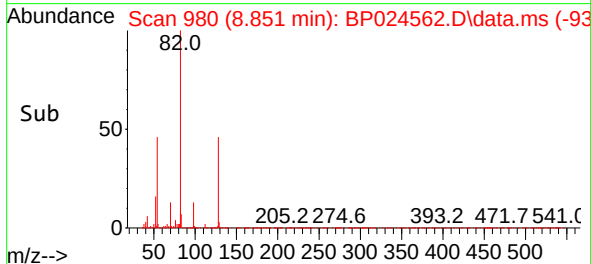
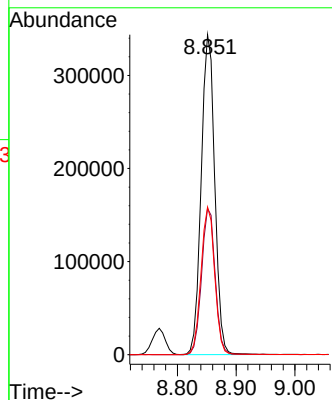
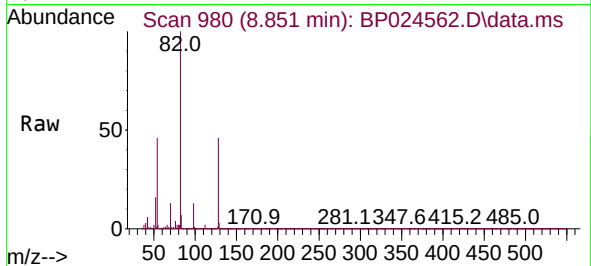




#23  
 Nitrobenzene-d5  
 Concen: 50.382 ng  
 RT: 8.851 min Scan# 91  
 Delta R.T. -0.018 min  
 Lab File: BP024562.D  
 Acq: 07 May 2025 13:37

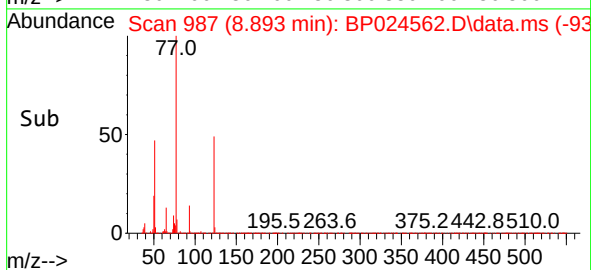
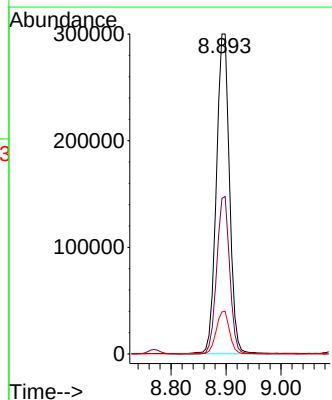
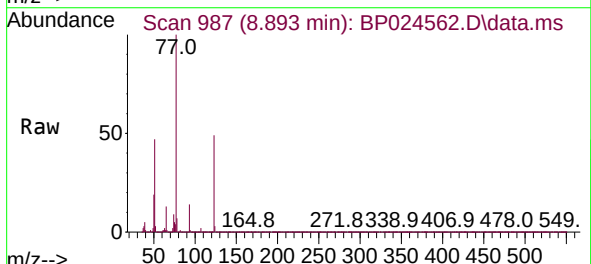
Instrument :  
 BNA\_P  
 ClientSampleId :  
 MH-QMSD

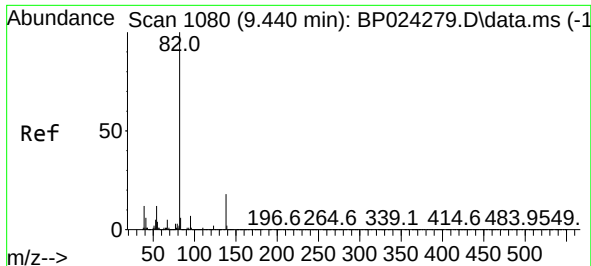
Tgt Ion: 82 Resp: 549495  
 Ion Ratio Lower Upper  
 82 100  
 128 45.7 36.5 54.7  
 54 46.2 33.4 50.2



#24  
 Nitrobenzene  
 Concen: 46.134 ng  
 RT: 8.893 min Scan# 987  
 Delta R.T. -0.018 min  
 Lab File: BP024562.D  
 Acq: 07 May 2025 13:37

Tgt Ion: 77 Resp: 497758  
 Ion Ratio Lower Upper  
 77 100  
 123 48.6 39.2 58.8  
 65 13.2 9.8 14.6

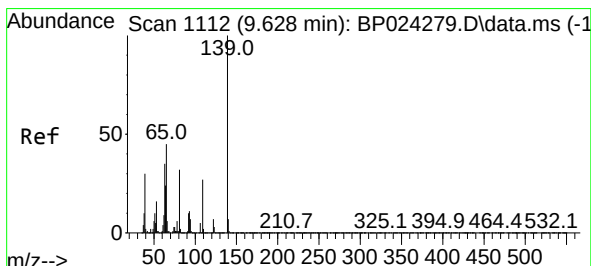
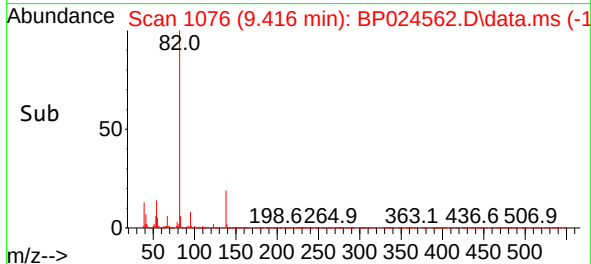
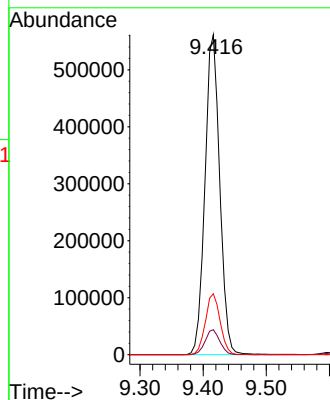
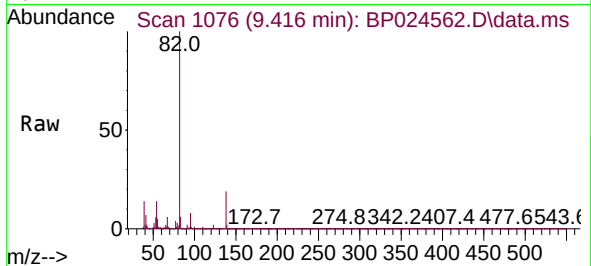




#25  
Isophorone  
Concen: 46.191 ng  
RT: 9.416 min Scan# 1107  
Delta R.T. -0.012 min  
Lab File: BP024562.D  
Acq: 07 May 2025 13:37

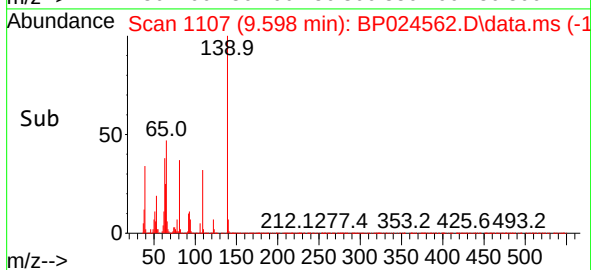
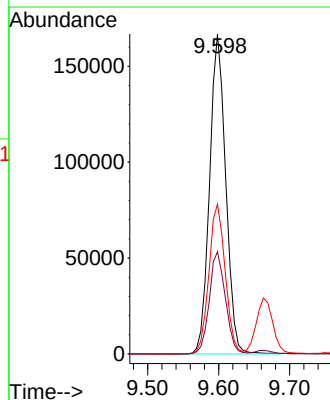
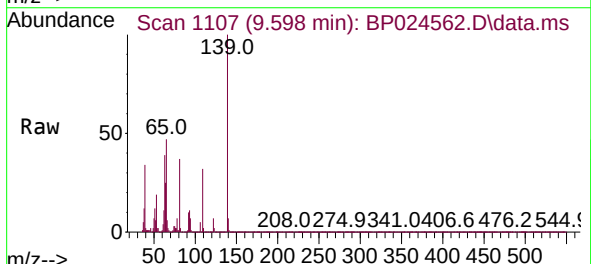
Instrument :  
BNA\_P  
ClientSampleId :  
MH-QMSD

Tgt Ion: 82 Resp: 911870  
Ion Ratio Lower Upper  
82 100  
95 7.8 5.4 8.2  
138 19.0 14.4 21.6

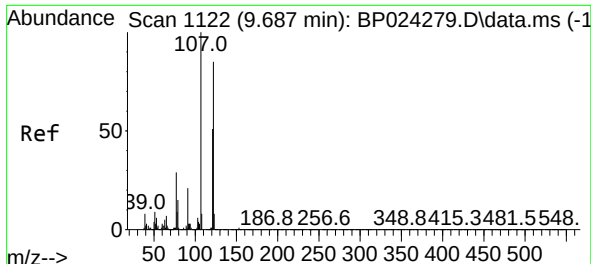


#26  
2-Nitrophenol  
Concen: 49.923 ng  
RT: 9.598 min Scan# 1107  
Delta R.T. -0.018 min  
Lab File: BP024562.D  
Acq: 07 May 2025 13:37

Tgt Ion: 139 Resp: 263592  
Ion Ratio Lower Upper  
139 100  
109 32.0 21.8 32.6  
65 46.8 36.2 54.2







#27

2,4-Dimethylphenol

Concen: 67.257 ng

RT: 9.663 min Scan# 1118

Delta R.T. -0.018 min

Lab File: BP024562.D

Acq: 07 May 2025 13:37

Instrument :

BNA\_P

ClientSampleId :

MH-QMSD

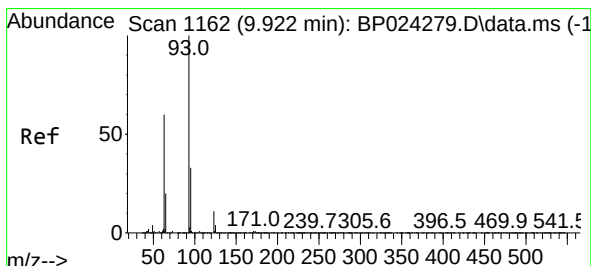
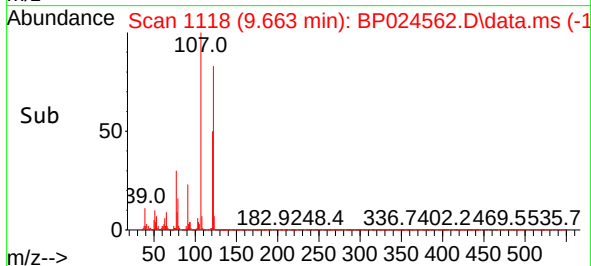
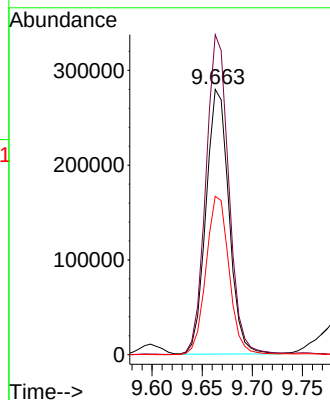
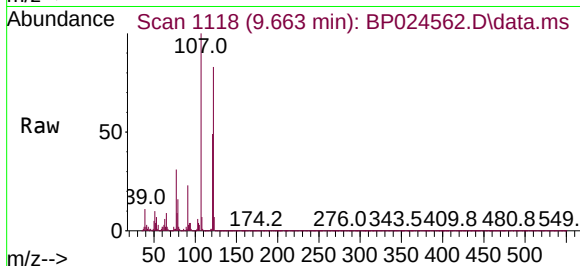
Tgt Ion:122 Resp: 445892

Ion Ratio Lower Upper

122 100

107 120.6 93.7 140.5

121 59.7 48.2 72.2



#28

bis(2-Chloroethoxy)methane

Concen: 42.296 ng

RT: 9.887 min Scan# 1156

Delta R.T. -0.024 min

Lab File: BP024562.D

Acq: 07 May 2025 13:37

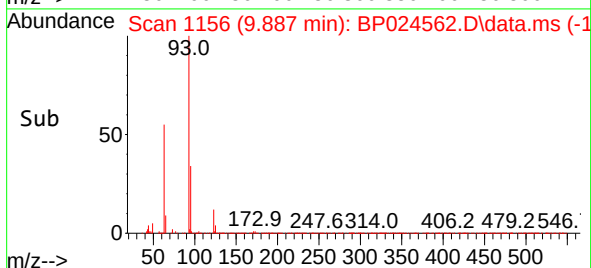
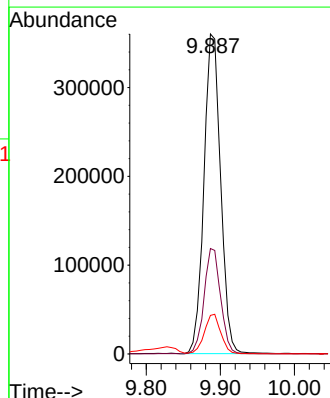
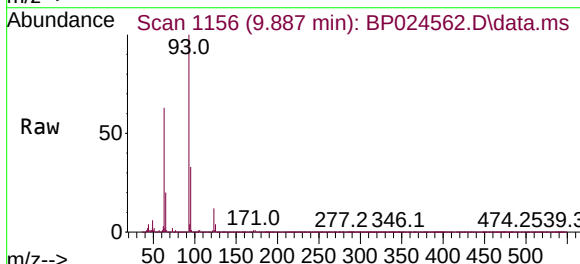
Tgt Ion: 93 Resp: 564064

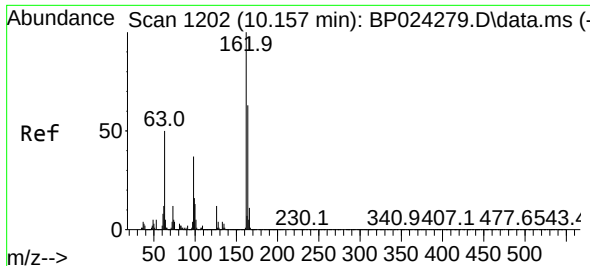
Ion Ratio Lower Upper

93 100

95 32.9 26.0 39.0

123 12.1 9.1 13.7

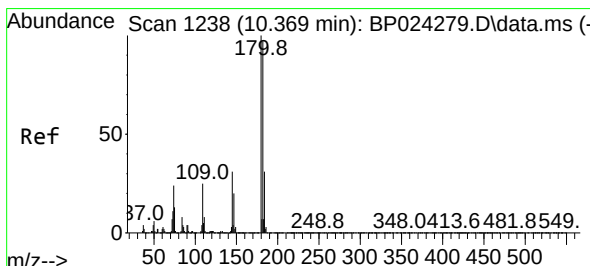
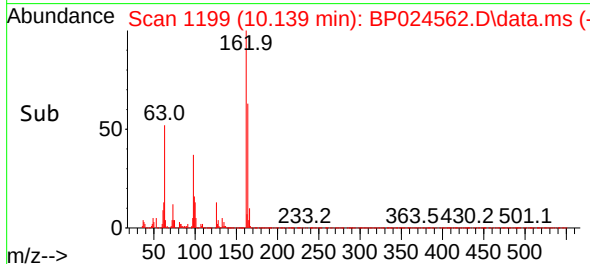
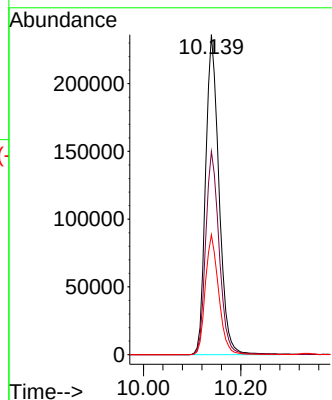
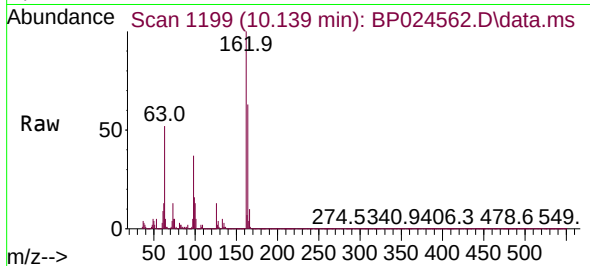




#29  
2,4-Dichlorophenol  
Concen: 49.730 ng  
RT: 10.139 min Scan# 1199  
Delta R.T. -0.012 min  
Lab File: BP024562.D  
Acq: 07 May 2025 13:37

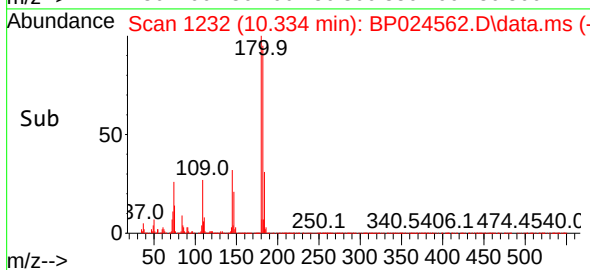
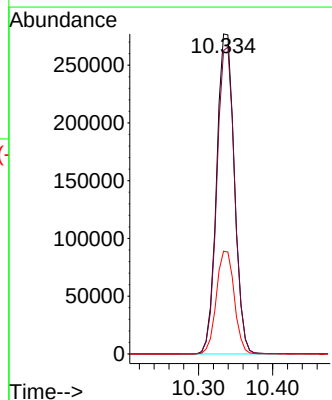
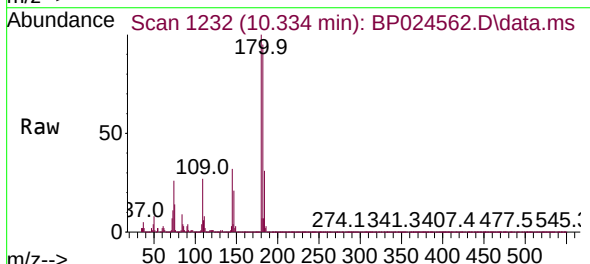
Instrument :  
BNA\_P  
ClientSampleId :  
MH-QMSD

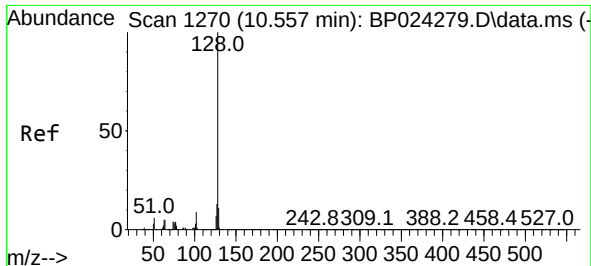
Tgt Ion:162 Resp: 449535  
Ion Ratio Lower Upper  
162 100  
164 63.5 43.3 83.3  
98 37.4 16.6 56.6



#30  
1,2,4-Trichlorobenzene  
Concen: 47.511 ng  
RT: 10.334 min Scan# 1232  
Delta R.T. -0.030 min  
Lab File: BP024562.D  
Acq: 07 May 2025 13:37

Tgt Ion:180 Resp: 460154  
Ion Ratio Lower Upper  
180 100  
182 94.8 77.3 115.9  
145 32.1 25.1 37.7

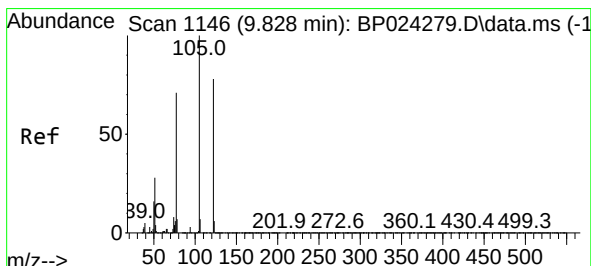
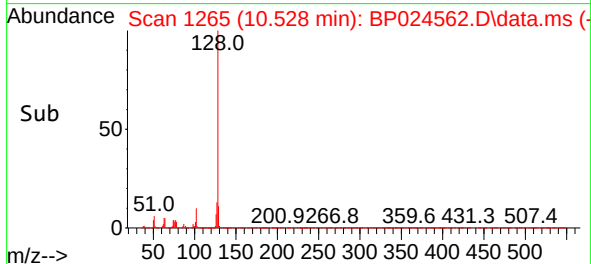
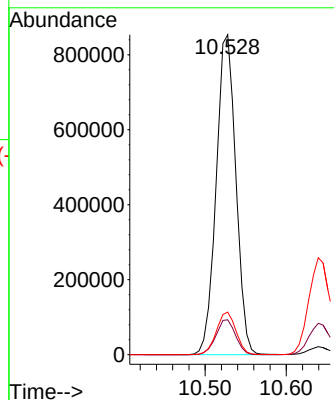
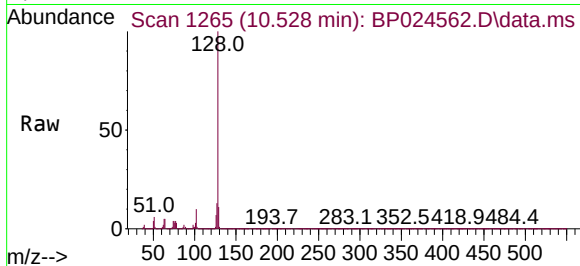




#31  
Naphthalene  
Concen: 43.905 ng  
RT: 10.528 min Scan# 1265  
Delta R.T. -0.018 min  
Lab File: BP024562.D  
Acq: 07 May 2025 13:37

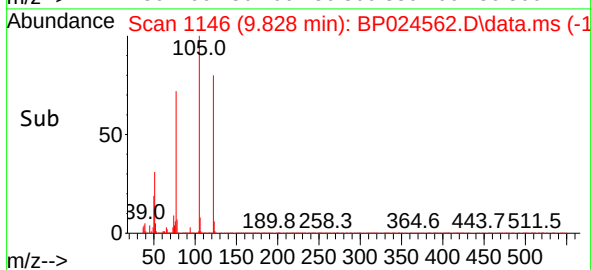
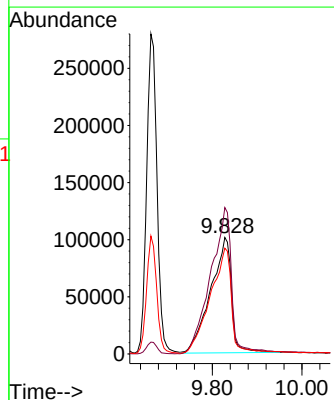
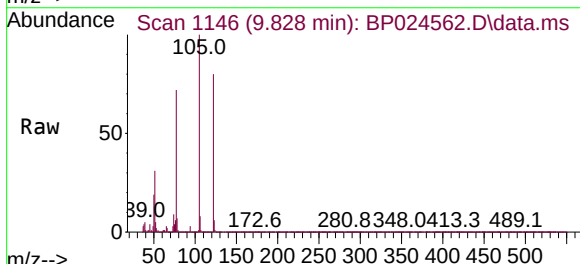
Instrument :  
BNA\_P  
ClientSampleId :  
MH-QMSD

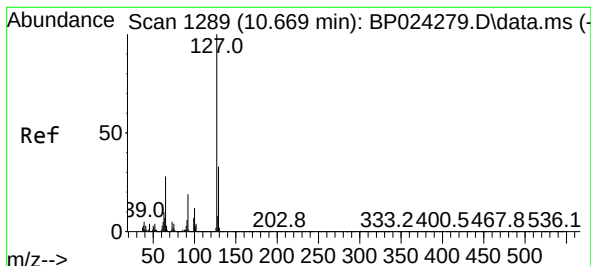
Tgt Ion:128 Resp: 1438310  
Ion Ratio Lower Upper  
128 100  
129 10.9 8.6 13.0  
127 13.3 10.3 15.5



#32  
Benzoic acid  
Concen: 42.383 ng  
RT: 9.828 min Scan# 1146  
Delta R.T. 0.006 min  
Lab File: BP024562.D  
Acq: 07 May 2025 13:37

Tgt Ion:122 Resp: 327410  
Ion Ratio Lower Upper  
122 100  
105 125.8 104.8 144.8  
77 90.9 69.2 109.2





#33

4-Chloroaniline

Concen: 48.639 ng

RT: 10.639 min Scan# 11

Delta R.T. -0.024 min

Lab File: BP024562.D

Acq: 07 May 2025 13:37

Instrument :

BNA\_P

ClientSampleId :

MH-QMSD

Tgt Ion:127 Resp: 561129

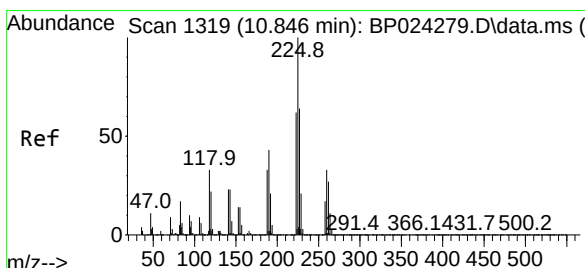
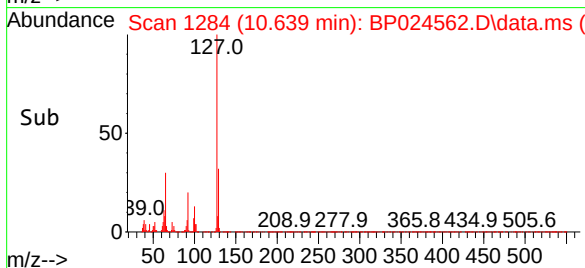
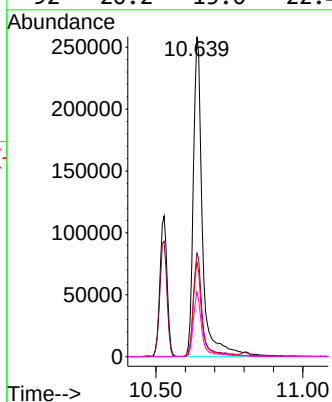
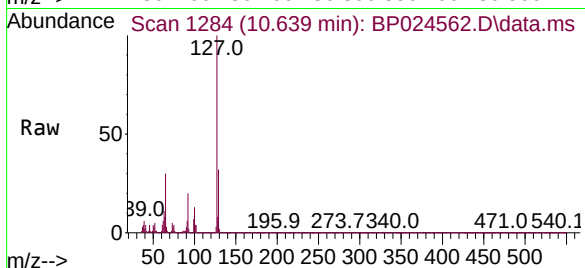
Ion Ratio Lower Upper

127 100

129 32.3 26.1 39.1

65 29.5 22.1 33.1

92 20.2 15.0 22.4



#34

Hexachlorobutadiene

Concen: 50.883 ng

RT: 10.804 min Scan# 1312

Delta R.T. -0.024 min

Lab File: BP024562.D

Acq: 07 May 2025 13:37

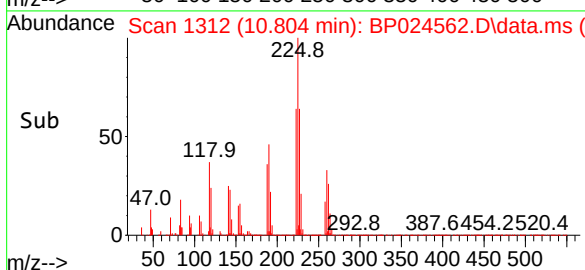
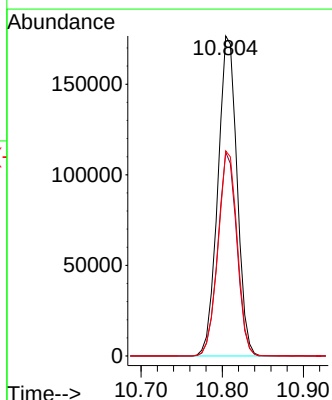
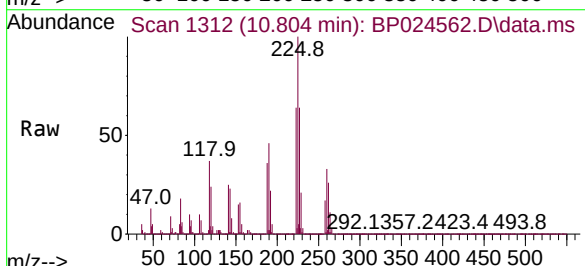
Tgt Ion:225 Resp: 289590

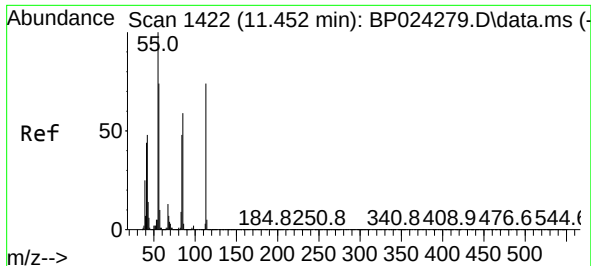
Ion Ratio Lower Upper

225 100

223 63.6 49.5 74.3

227 64.1 50.9 76.3

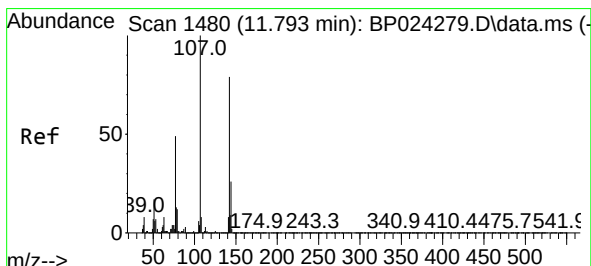
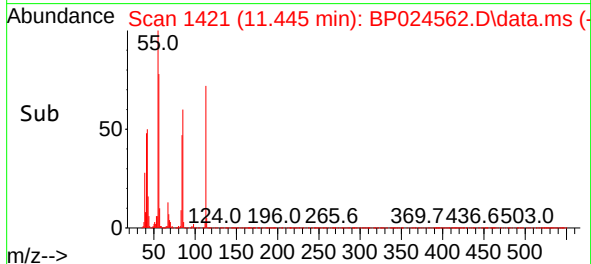
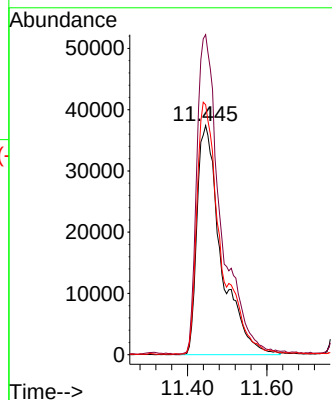
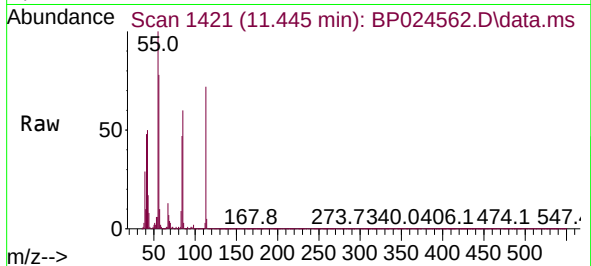




#35  
Caprolactam  
Concen: 47.234 ng  
RT: 11.445 min Scan# 1422  
Delta R.T. -0.000 min  
Lab File: BP024562.D  
Acq: 07 May 2025 13:37

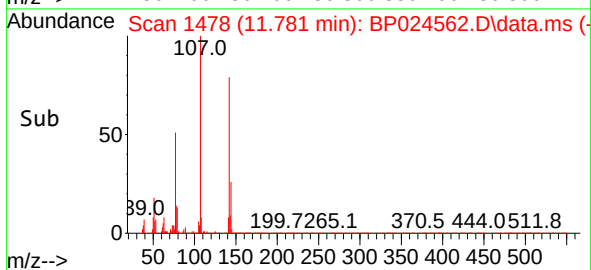
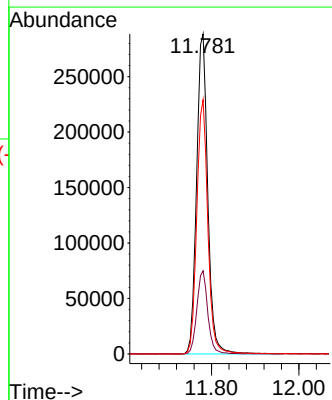
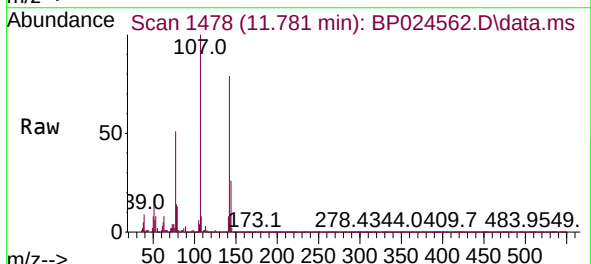
Instrument :  
BNA\_P  
ClientSampleId :  
MH-QMSD

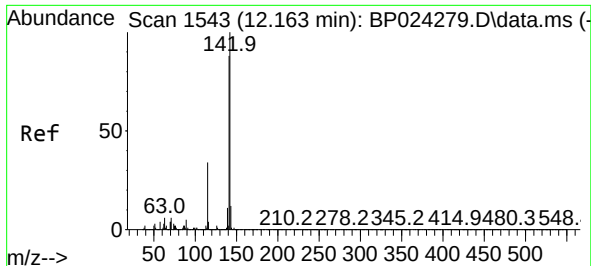
Tgt Ion:113 Resp: 157545  
Ion Ratio Lower Upper  
113 100  
55 139.6 115.9 155.9  
56 109.0 81.1 121.1



#36  
4-Chloro-3-methylphenol  
Concen: 48.776 ng  
RT: 11.781 min Scan# 1478  
Delta R.T. -0.012 min  
Lab File: BP024562.D  
Acq: 07 May 2025 13:37

Tgt Ion:107 Resp: 513563  
Ion Ratio Lower Upper  
107 100  
144 26.0 20.5 30.7  
142 79.5 63.4 95.2

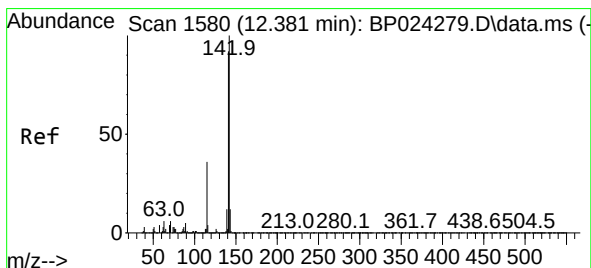
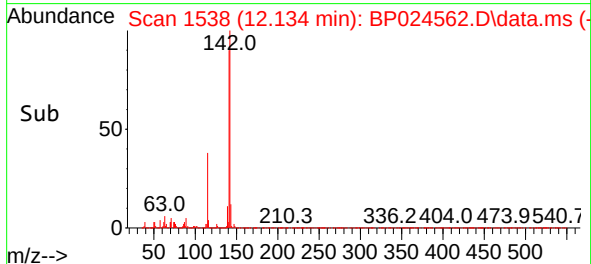
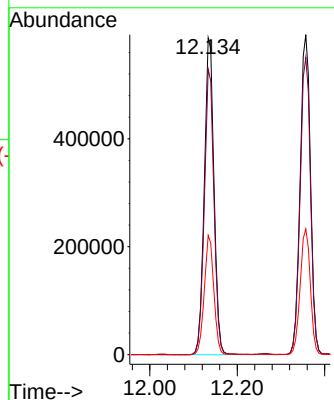
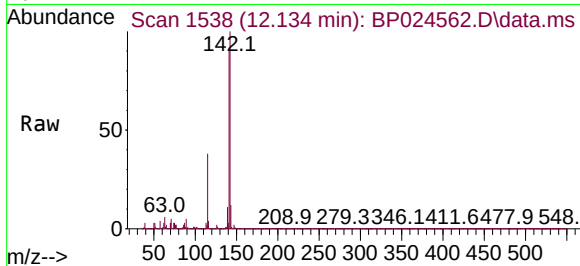




#37  
2-Methylnaphthalene  
Concen: 39.857 ng  
RT: 12.134 min Scan# 1538  
Delta R.T. -0.024 min  
Lab File: BP024562.D  
Acq: 07 May 2025 13:37

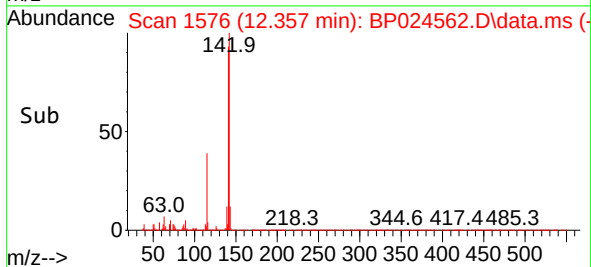
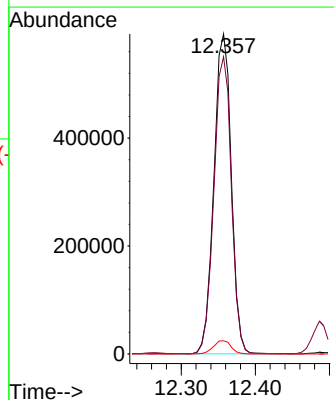
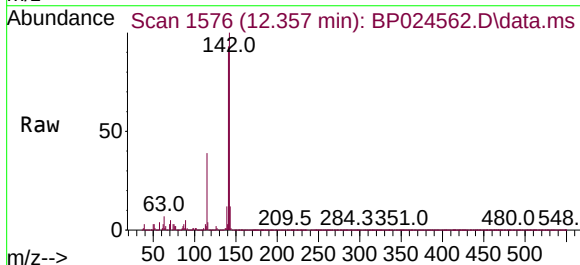
Instrument :  
BNA\_P  
ClientSampleId :  
MH-QMSD

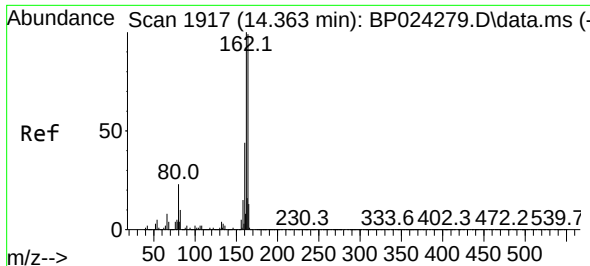
Tgt Ion:142 Resp: 905522  
Ion Ratio Lower Upper  
142 100  
141 90.1 70.3 105.5  
115 37.6 26.9 40.3



#38  
1-Methylnaphthalene  
Concen: 43.468 ng  
RT: 12.357 min Scan# 1576  
Delta R.T. -0.018 min  
Lab File: BP024562.D  
Acq: 07 May 2025 13:37

Tgt Ion:142 Resp: 966108  
Ion Ratio Lower Upper  
142 100  
141 92.9 73.6 110.4  
116 4.1 3.0 4.6

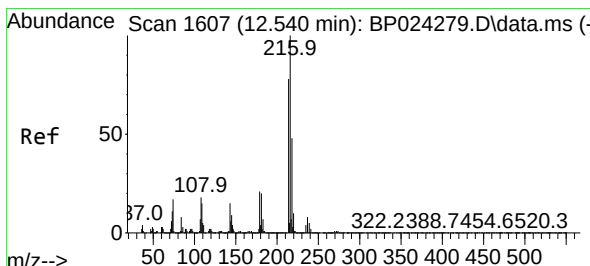
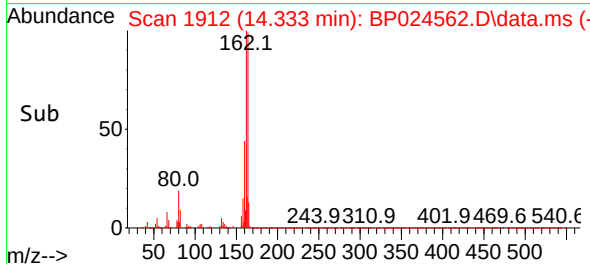
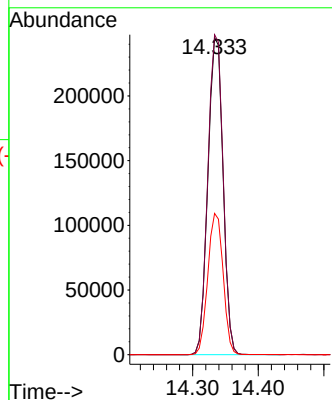
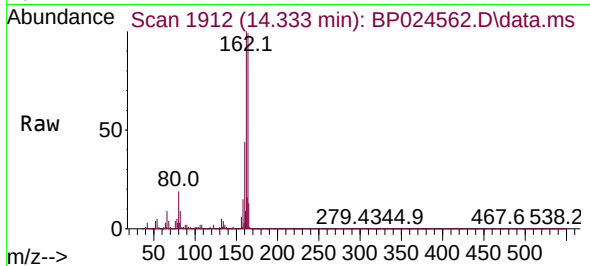




#39  
Acenaphthene-d10  
Concen: 20.000 ng  
RT: 14.333 min Scan# 1917  
Delta R.T. -0.018 min  
Lab File: BP024562.D  
Acq: 07 May 2025 13:37

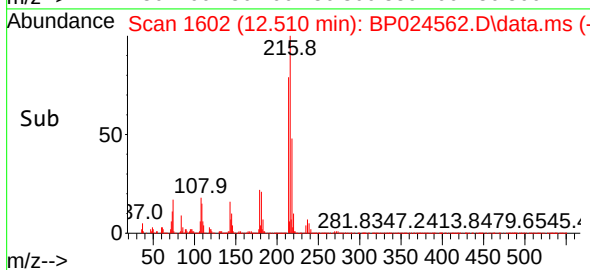
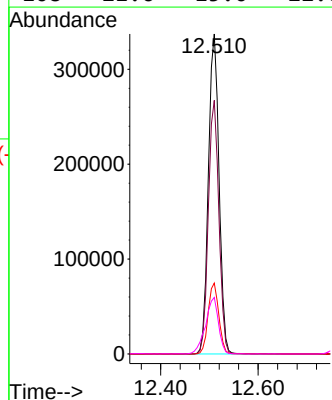
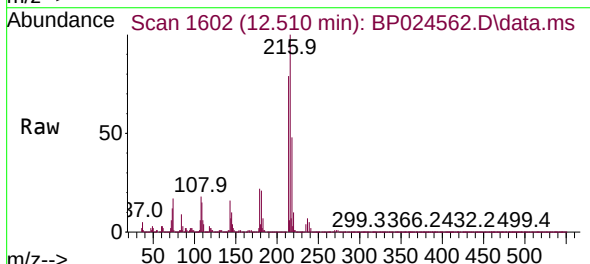
Instrument :  
BNA\_P  
ClientSampleId :  
MH-QMSD

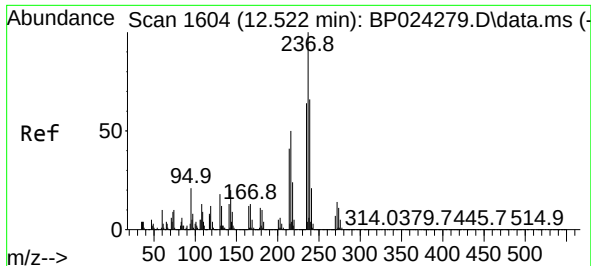
Tgt Ion:164 Resp: 393833  
Ion Ratio Lower Upper  
164 100  
162 100.8 80.6 120.8  
160 44.5 35.3 52.9



#40  
1,2,4,5-Tetrachlorobenzene  
Concen: 47.038 ng  
RT: 12.510 min Scan# 1602  
Delta R.T. -0.018 min  
Lab File: BP024562.D  
Acq: 07 May 2025 13:37

Tgt Ion:216 Resp: 509449  
Ion Ratio Lower Upper  
216 100  
214 78.4 62.6 93.8  
179 22.2 17.2 25.8  
108 21.6 15.0 22.6

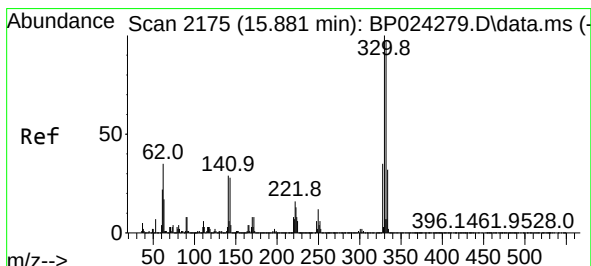
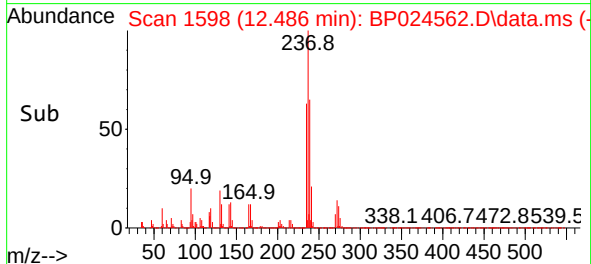
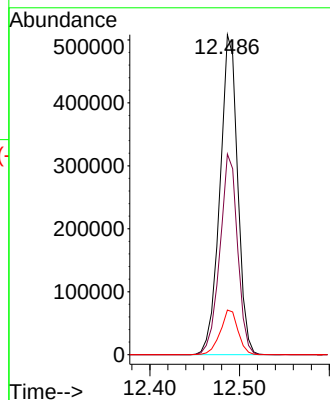
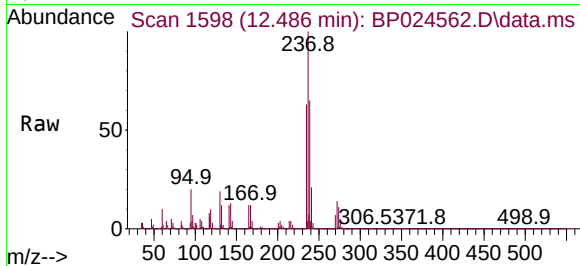




#41  
Hexachlorocyclopentadiene  
Concen: 181.929 ng  
RT: 12.486 min Scan# 1  
Delta R.T. -0.024 min  
Lab File: BP024562.D  
Acq: 07 May 2025 13:37

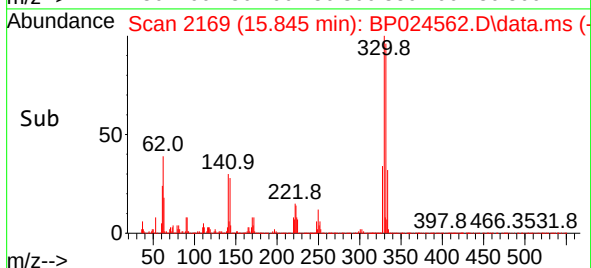
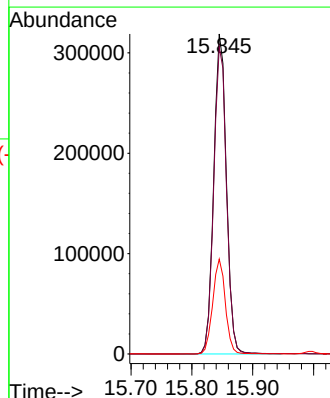
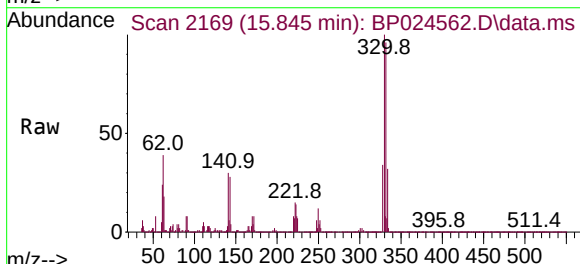
Instrument :  
BNA\_P  
ClientSampleId :  
MH-QMSD

Tgt Ion:237 Resp: 696869  
Ion Ratio Lower Upper  
237 100  
235 62.7 43.9 83.9  
272 13.9 0.0 33.6

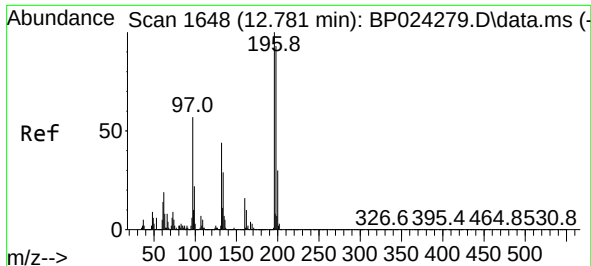


#42  
2,4,6-Tribromophenol  
Concen: 84.455 ng  
RT: 15.845 min Scan# 2169  
Delta R.T. -0.018 min  
Lab File: BP024562.D  
Acq: 07 May 2025 13:37

Tgt Ion:330 Resp: 460187  
Ion Ratio Lower Upper  
330 100  
332 96.9 77.1 115.7  
141 29.7 24.7 37.1



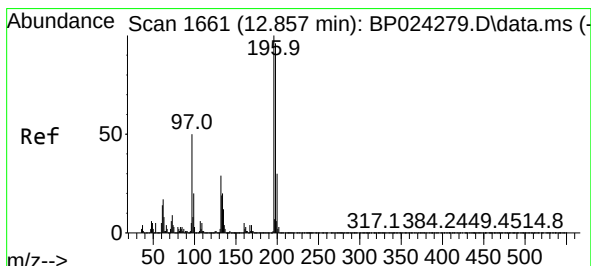
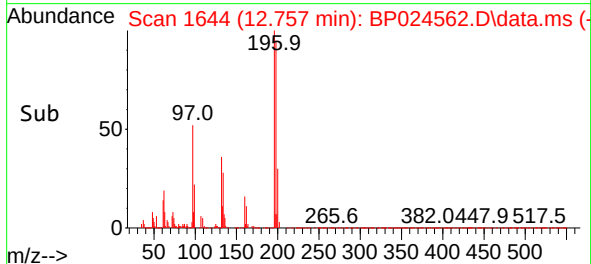
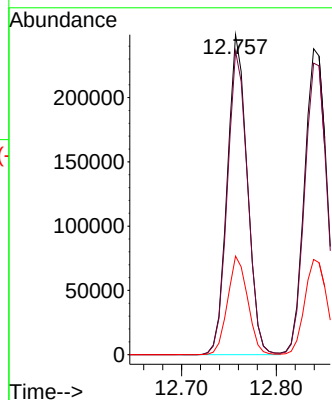
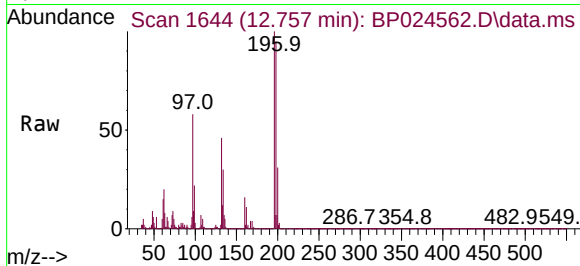




#43  
2,4,6-Trichlorophenol  
Concen: 50.748 ng  
RT: 12.757 min Scan# 1658  
Delta R.T. -0.018 min  
Lab File: BP024562.D  
Acq: 07 May 2025 13:37

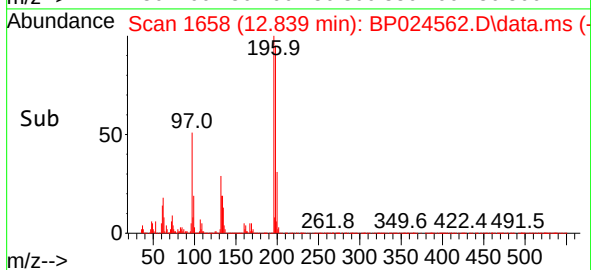
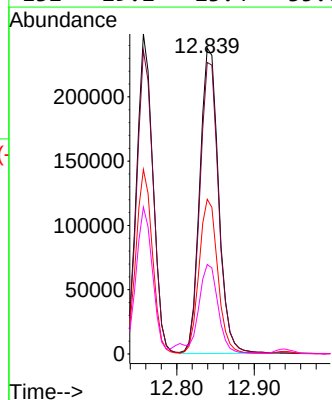
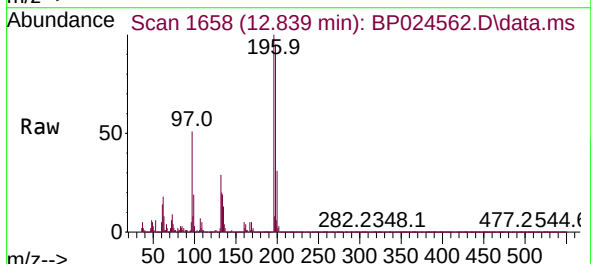
Instrument :  
BNA\_P  
ClientSampleId :  
MH-QMSD

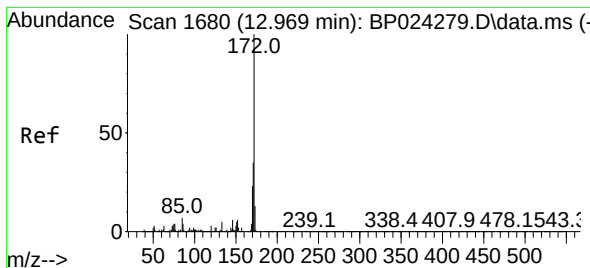
Tgt Ion:196 Resp: 365420  
Ion Ratio Lower Upper  
196 100  
198 94.9 74.3 111.5  
200 30.8 24.0 36.0



#44  
2,4,5-Trichlorophenol  
Concen: 50.319 ng  
RT: 12.839 min Scan# 1658  
Delta R.T. -0.018 min  
Lab File: BP024562.D  
Acq: 07 May 2025 13:37

Tgt Ion:196 Resp: 401238  
Ion Ratio Lower Upper  
196 100  
198 95.3 77.3 115.9  
97 50.6 40.4 60.6  
132 29.2 23.4 35.0





#45

2-Fluorobiphenyl

Concen: 44.861 ng

RT: 12.939 min Scan# 1

Delta R.T. -0.024 min

Lab File: BP024562.D

Acq: 07 May 2025 13:37

Instrument :

BNA\_P

ClientSampleId :

MH-QMSD

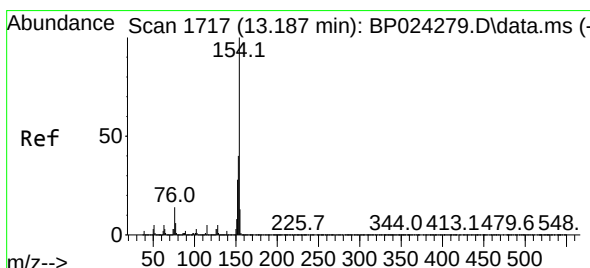
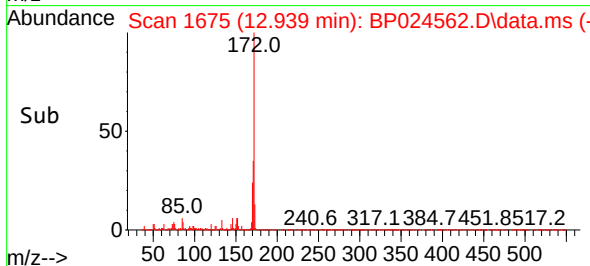
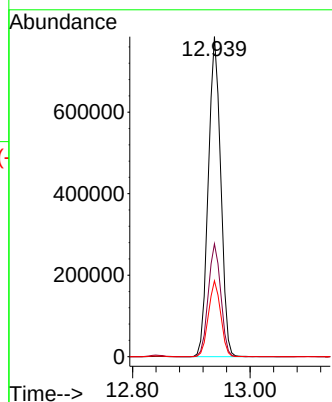
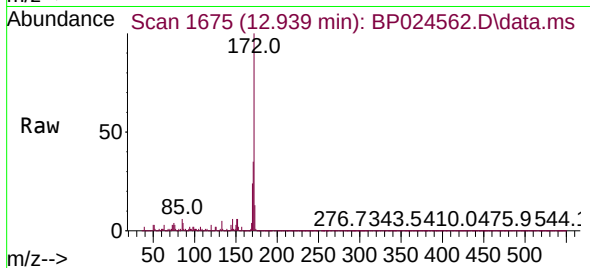
Tgt Ion:172 Resp: 1153910

Ion Ratio Lower Upper

172 100

171 35.3 28.2 42.2

170 23.7 18.6 27.8



#46

1,1'-Biphenyl

Concen: 44.654 ng

RT: 13.151 min Scan# 1711

Delta R.T. -0.024 min

Lab File: BP024562.D

Acq: 07 May 2025 13:37

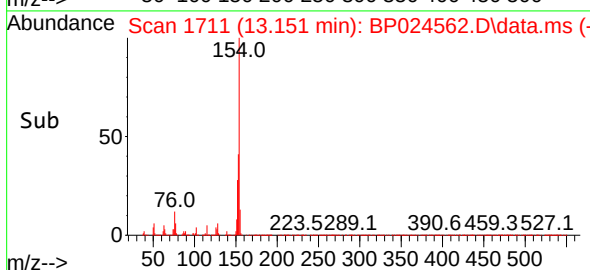
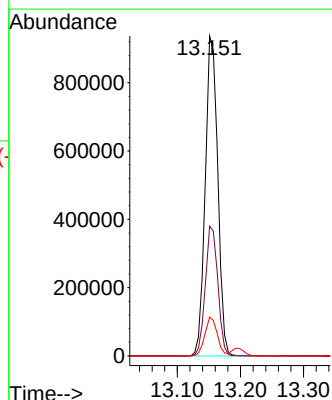
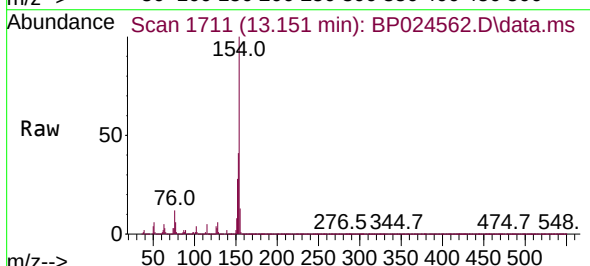
Tgt Ion:154 Resp: 1292677

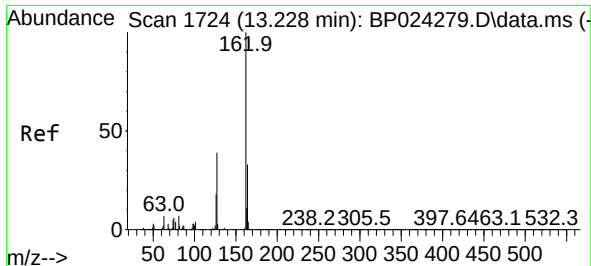
Ion Ratio Lower Upper

154 100

153 40.6 20.3 60.3

76 12.1 0.0 33.5

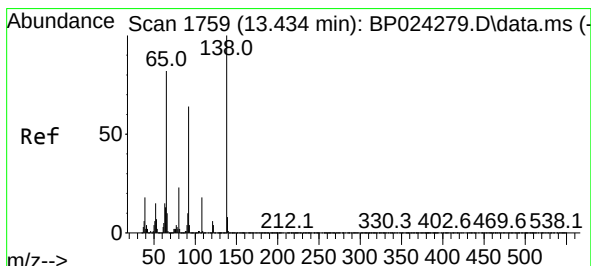
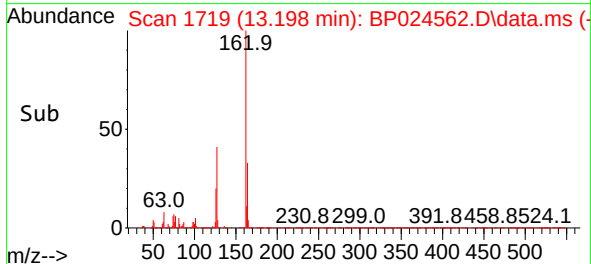
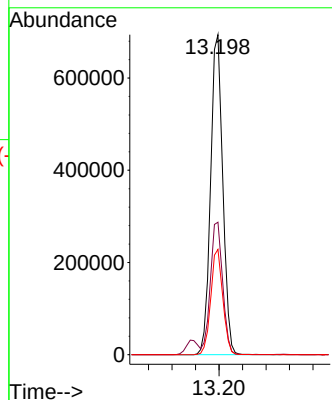
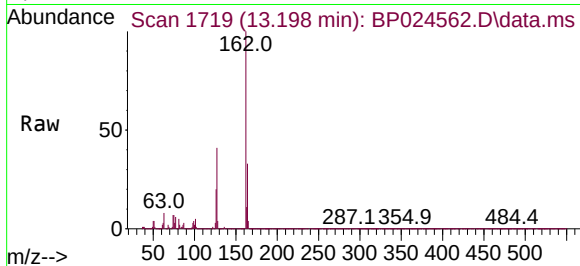




#47  
2-Chloronaphthalene  
Concen: 46.044 ng  
RT: 13.198 min Scan# 1719  
Delta R.T. -0.018 min  
Lab File: BP024562.D  
Acq: 07 May 2025 13:37

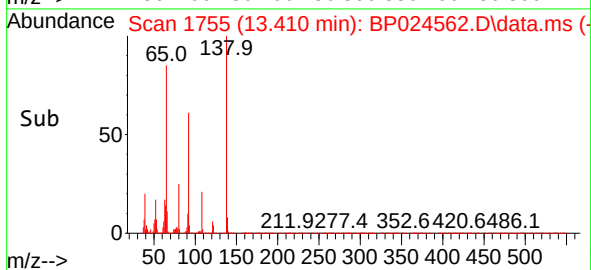
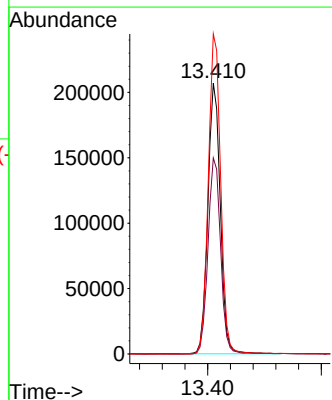
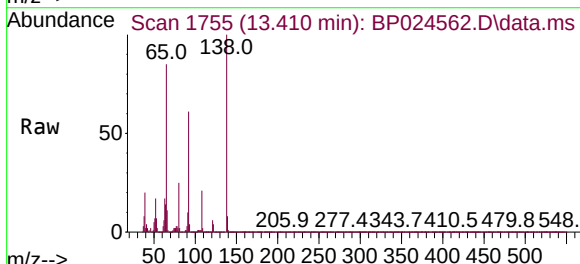
Instrument :  
BNA\_P  
ClientSampleId :  
MH-QMSD

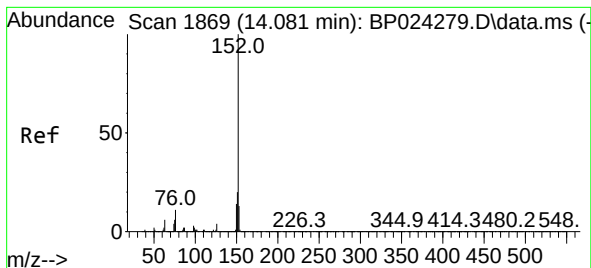
Tgt Ion:162 Resp: 996212  
Ion Ratio Lower Upper  
162 100  
127 41.4 31.9 47.9  
164 32.9 26.2 39.4



#48  
2-Nitroaniline  
Concen: 51.624 ng  
RT: 13.410 min Scan# 1755  
Delta R.T. -0.012 min  
Lab File: BP024562.D  
Acq: 07 May 2025 13:37

Tgt Ion: 65 Resp: 313307  
Ion Ratio Lower Upper  
65 100  
92 72.3 62.3 93.5  
138 118.1 97.2 145.8





#49

Acenaphthylene

Concen: 48.758 ng

RT: 14.051 min Scan# 1864

Delta R.T. -0.018 min

Lab File: BP024562.D

Acq: 07 May 2025 13:37

Instrument :

BNA\_P

ClientSampleId :

MH-QMSD

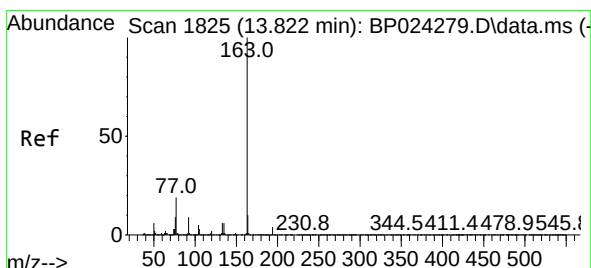
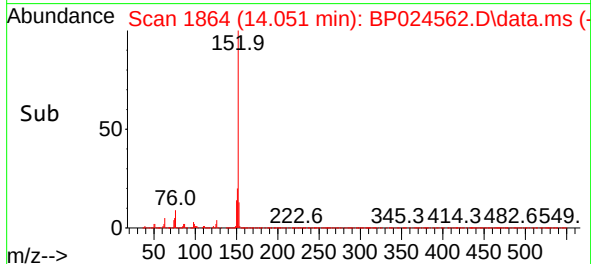
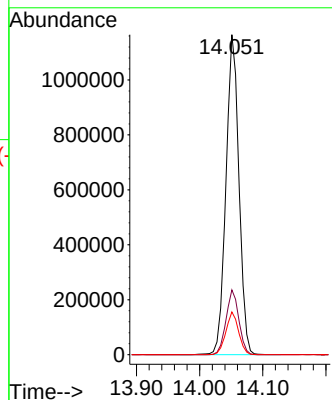
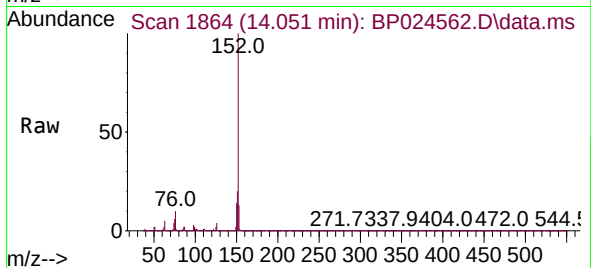
Tgt Ion:152 Resp: 1660892

Ion Ratio Lower Upper

152 100

151 20.3 15.9 23.9

153 13.3 10.6 15.8



#50

Dimethylphthalate

Concen: 46.100 ng

RT: 13.792 min Scan# 1820

Delta R.T. -0.018 min

Lab File: BP024562.D

Acq: 07 May 2025 13:37

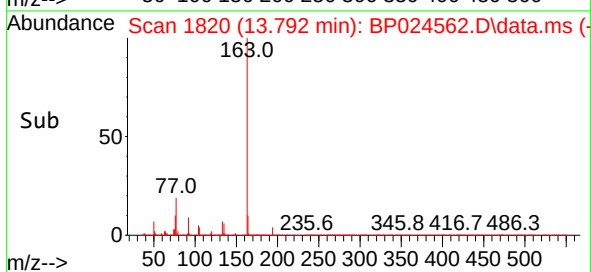
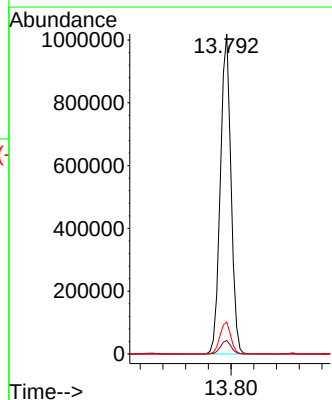
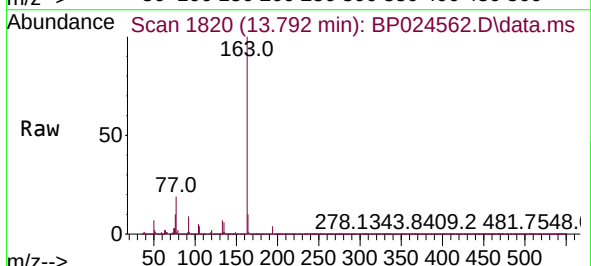
Tgt Ion:163 Resp: 1320326

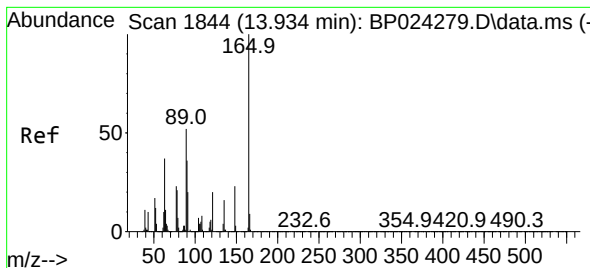
Ion Ratio Lower Upper

163 100

194 4.2 3.5 5.3

164 10.0 8.0 12.0

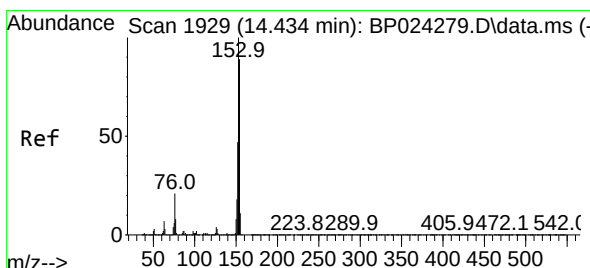
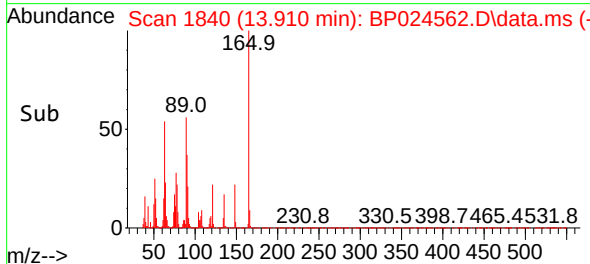
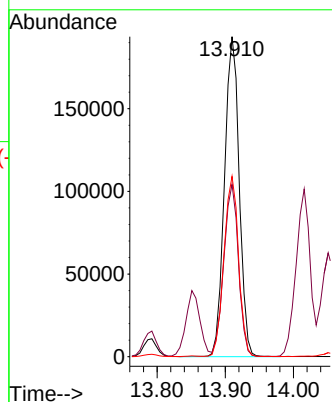
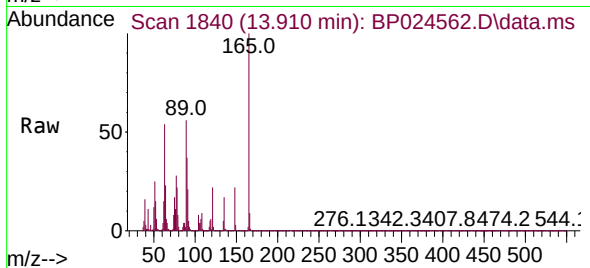




#51  
2,6-Dinitrotoluene  
Concen: 47.862 ng  
RT: 13.910 min Scan# 1840  
Delta R.T. -0.018 min  
Lab File: BP024562.D  
Acq: 07 May 2025 13:37

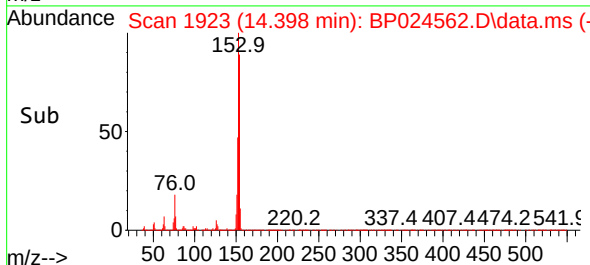
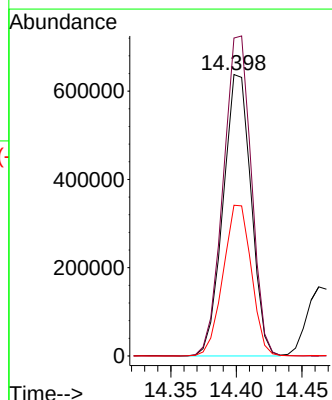
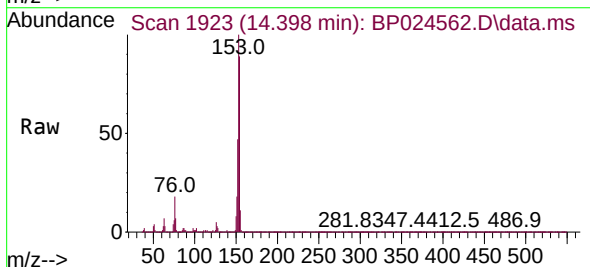
Instrument :  
BNA\_P  
ClientSampleId :  
MH-QMSD

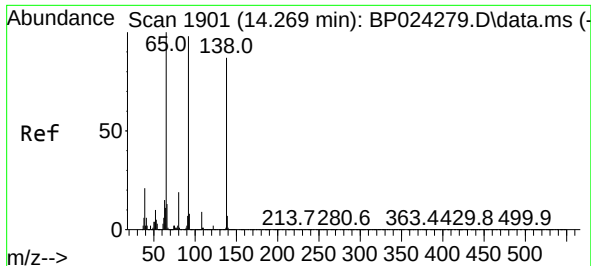
Tgt Ion:165 Resp: 291084  
Ion Ratio Lower Upper  
165 100  
63 53.9 38.0 57.0  
89 56.4 41.7 62.5



#52  
Acenaphthene  
Concen: 43.803 ng  
RT: 14.398 min Scan# 1923  
Delta R.T. -0.024 min  
Lab File: BP024562.D  
Acq: 07 May 2025 13:37

Tgt Ion:154 Resp: 945952  
Ion Ratio Lower Upper  
154 100  
153 113.0 89.8 134.6  
152 53.5 42.6 63.8

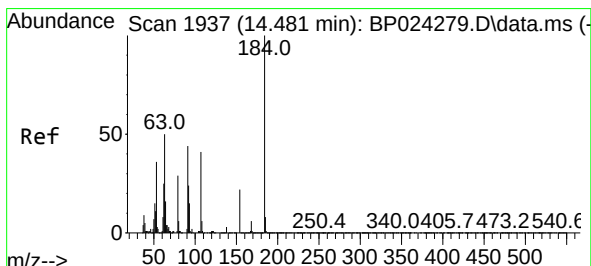
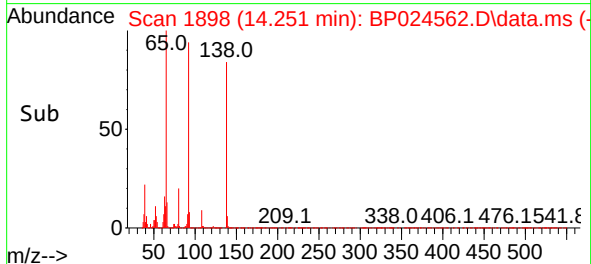
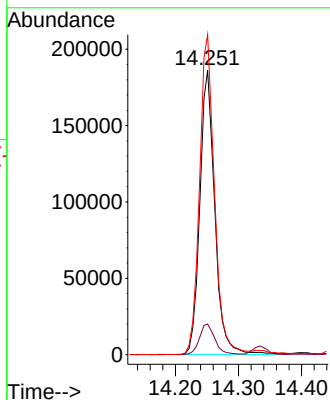
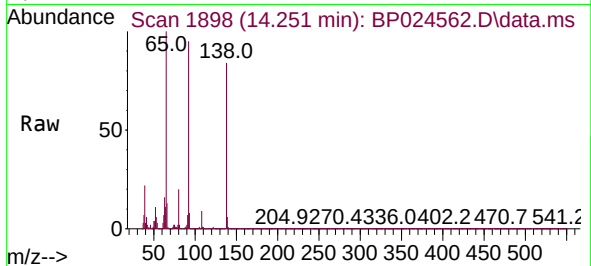




#53  
3-Nitroaniline  
Concen: 48.003 ng  
RT: 14.251 min Scan# 1898  
Delta R.T. -0.012 min  
Lab File: BP024562.D  
Acq: 07 May 2025 13:37

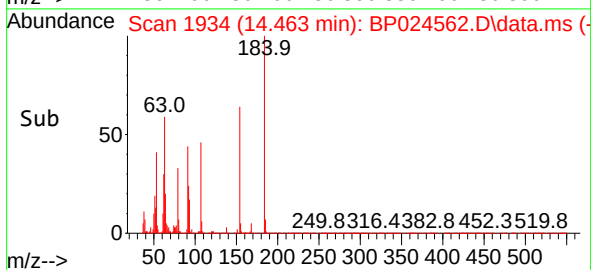
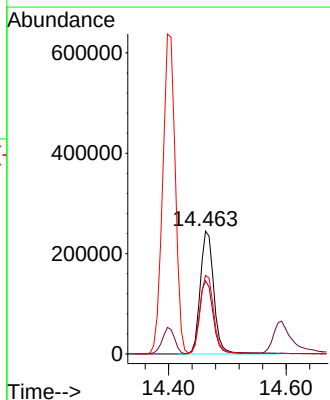
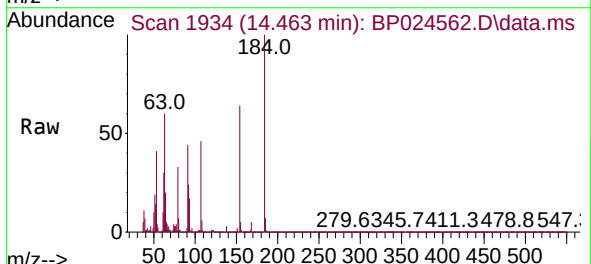
Instrument :  
BNA\_P  
ClientSampleId :  
MH-QMSD

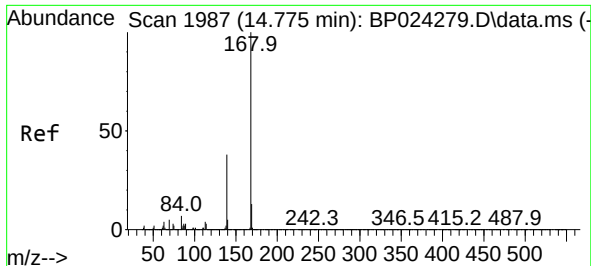
Tgt Ion:138 Resp: 306831  
Ion Ratio Lower Upper  
138 100  
108 10.7 8.3 12.5  
92 112.5 89.8 134.8



#54  
2,4-Dinitrophenol  
Concen: 110.325 ng  
RT: 14.463 min Scan# 1934  
Delta R.T. -0.006 min  
Lab File: BP024562.D  
Acq: 07 May 2025 13:37

Tgt Ion:184 Resp: 395229  
Ion Ratio Lower Upper  
184 100  
63 59.5 42.6 64.0  
154 63.9 47.2 70.8

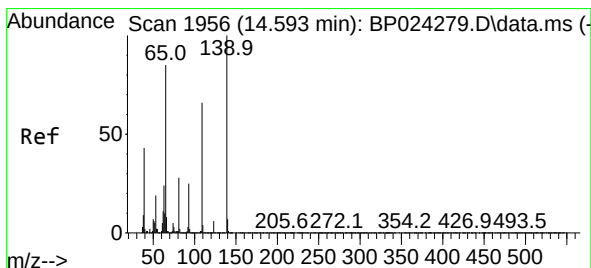
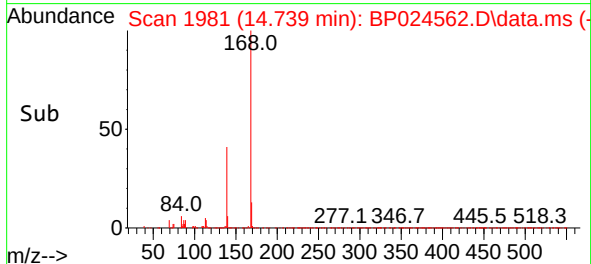
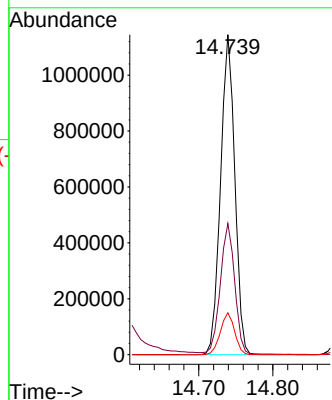
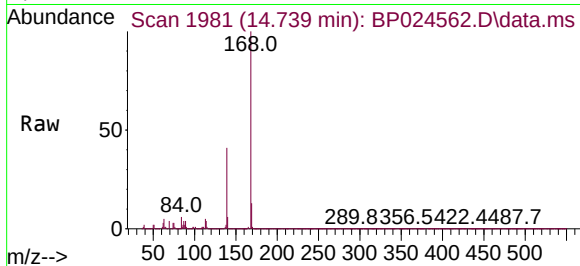




#55  
Dibenzofuran  
Concen: 43.267 ng  
RT: 14.739 min Scan# 1981  
Delta R.T. -0.018 min  
Lab File: BP024562.D  
Acq: 07 May 2025 13:37

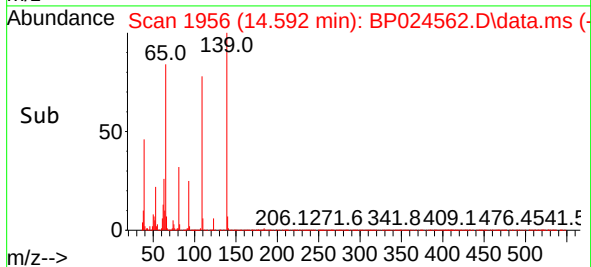
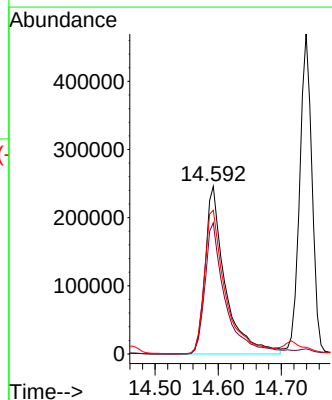
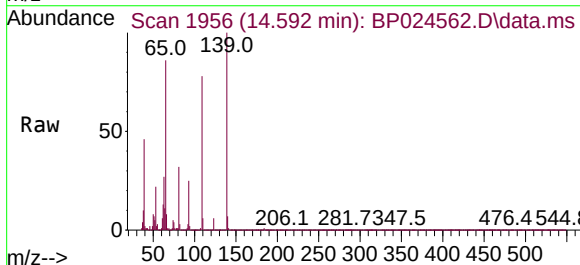
Instrument :  
BNA\_P  
ClientSampleId :  
MH-QMSD

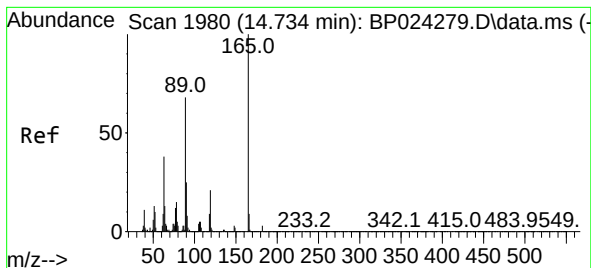
Tgt Ion:168 Resp: 1527310  
Ion Ratio Lower Upper  
168 100  
139 41.0 30.3 45.5  
169 13.1 10.6 16.0



#56  
4-Nitrophenol  
Concen: 98.241 ng  
RT: 14.592 min Scan# 1956  
Delta R.T. -0.000 min  
Lab File: BP024562.D  
Acq: 07 May 2025 13:37

Tgt Ion:139 Resp: 542331  
Ion Ratio Lower Upper  
139 100  
109 78.2 46.1 86.1  
65 85.7 65.0 105.0

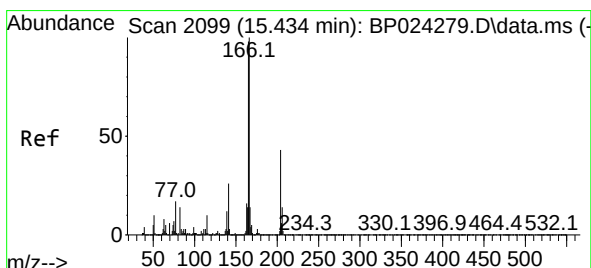
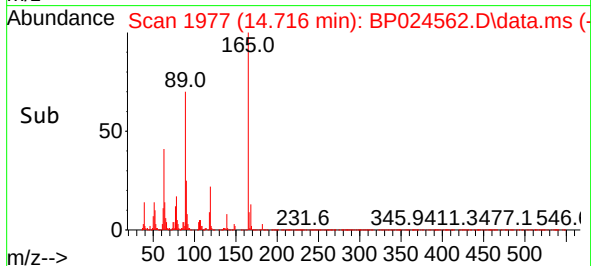
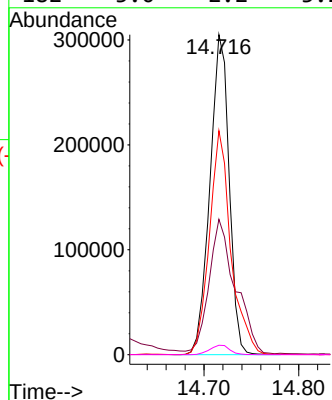
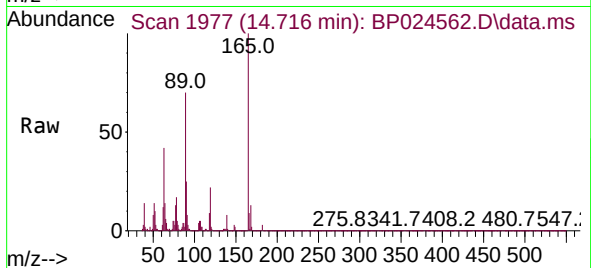




#57  
2,4-Dinitrotoluene  
Concen: 51.693 ng  
RT: 14.716 min Scan# 1980  
Delta R.T. -0.006 min  
Lab File: BP024562.D  
Acq: 07 May 2025 13:37

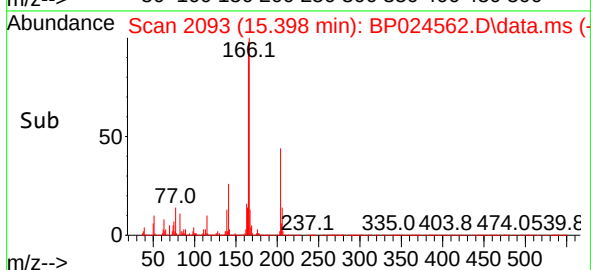
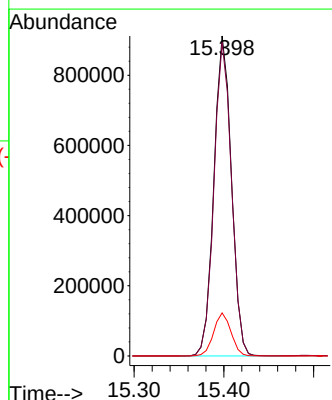
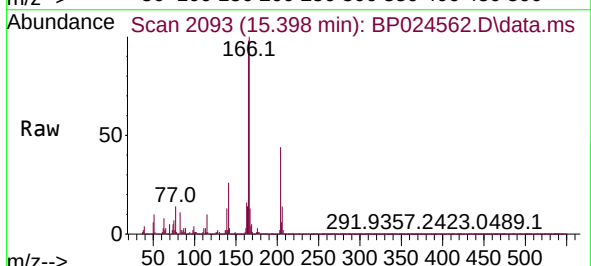
Instrument :  
BNA\_P  
ClientSampleId :  
MH-QMSD

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 165   | Resp: | 428851 |
| Ion      | Ratio | Lower | Upper  |
| 165      | 100   |       |        |
| 63       | 42.3  | 30.4  | 45.6   |
| 89       | 70.0  | 54.6  | 82.0   |
| 182      | 3.0   | 2.2   | 3.2    |

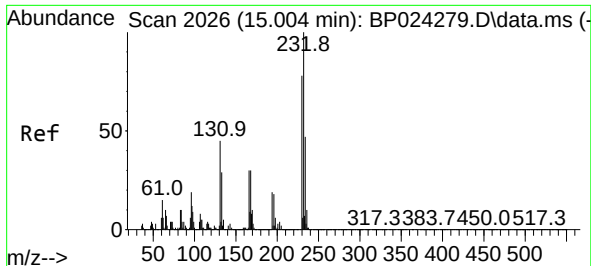


#58  
Fluorene  
Concen: 45.242 ng  
RT: 15.398 min Scan# 2093  
Delta R.T. -0.018 min  
Lab File: BP024562.D  
Acq: 07 May 2025 13:37

|          |       |       |         |
|----------|-------|-------|---------|
| Tgt Ion: | 166   | Resp: | 1236303 |
| Ion      | Ratio | Lower | Upper   |
| 166      | 100   |       |         |
| 165      | 98.0  | 78.1  | 117.1   |
| 167      | 13.5  | 10.9  | 16.3    |





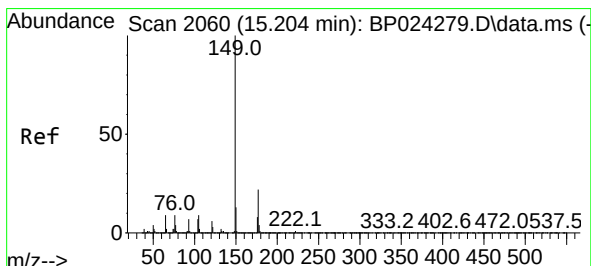
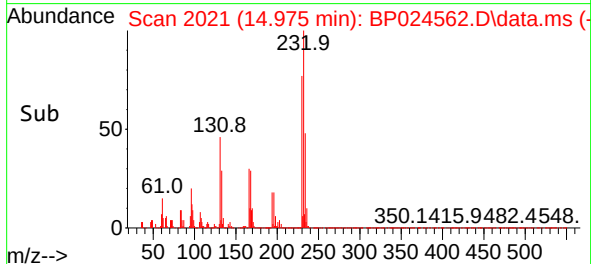
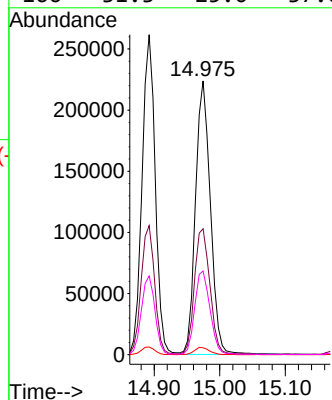
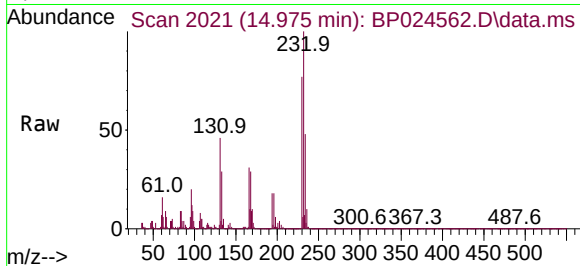


#59  
2,3,4,6-Tetrachlorophenol  
Concen: 48.064 ng  
RT: 14.975 min Scan# 2021  
Delta R.T. -0.018 min  
Lab File: BP024562.D  
Acq: 07 May 2025 13:37

Instrument :  
BNA\_P  
ClientSampleId :  
MH-QMSD

Tgt Ion:232 Resp: 353479

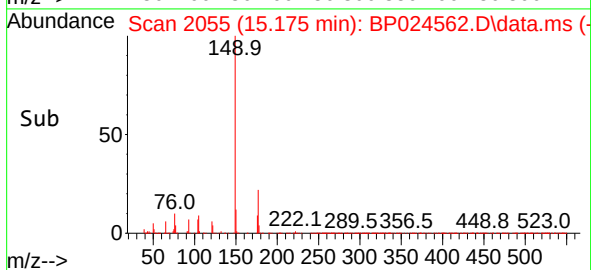
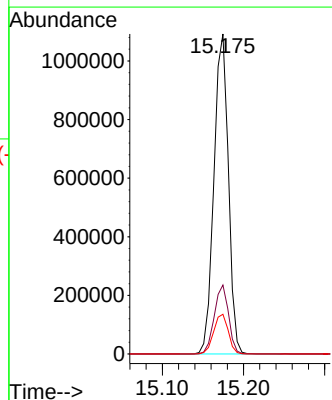
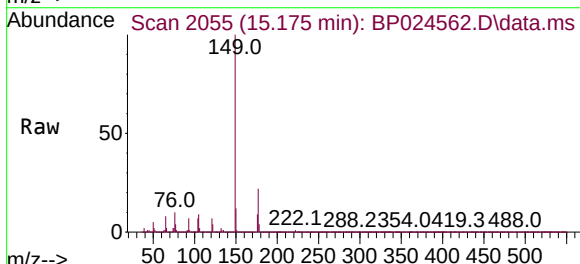
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 232 | 100   |       |       |
| 131 | 47.2  | 36.8  | 55.2  |
| 130 | 2.8   | 1.9   | 2.9   |
| 166 | 31.3  | 25.0  | 37.6  |

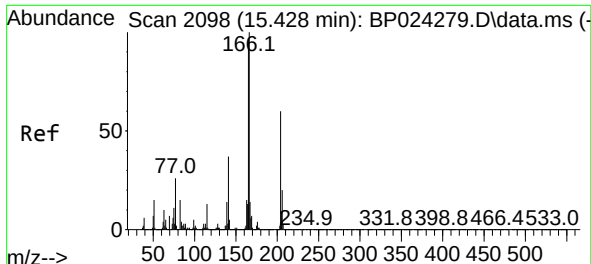


#60  
Diethylphthalate  
Concen: 45.623 ng  
RT: 15.175 min Scan# 2055  
Delta R.T. -0.018 min  
Lab File: BP024562.D  
Acq: 07 May 2025 13:37

Tgt Ion:149 Resp: 1346542

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 149 | 100   |       |       |
| 177 | 21.5  | 17.4  | 26.2  |
| 150 | 12.4  | 10.1  | 15.1  |

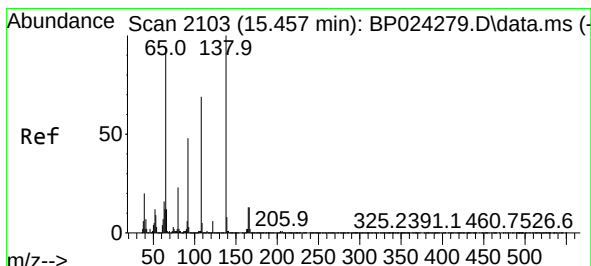
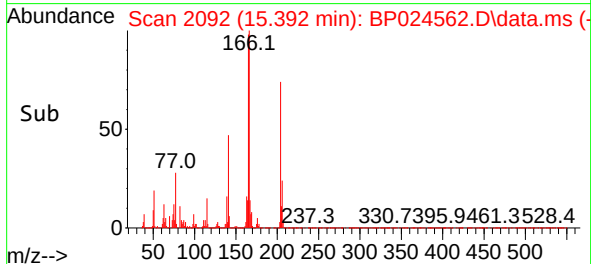
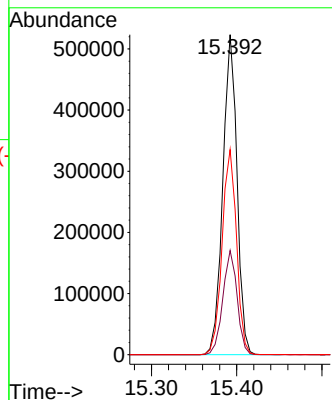
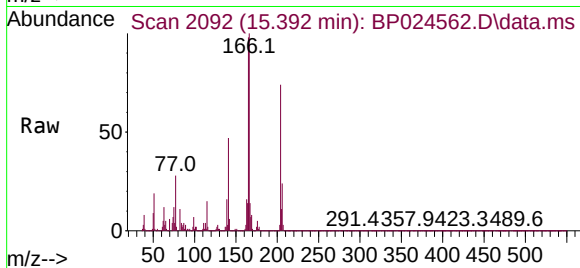




#61  
4-Chlorophenyl-phenylether  
Concen: 45.574 ng  
RT: 15.392 min Scan# 2092  
Delta R.T. -0.018 min  
Lab File: BP024562.D  
Acq: 07 May 2025 13:37

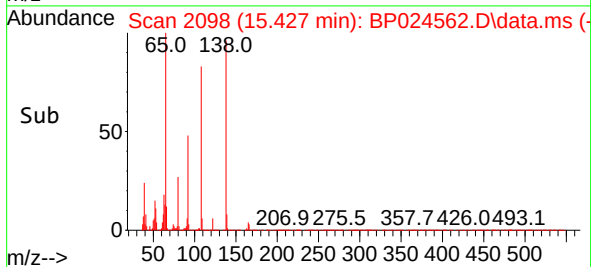
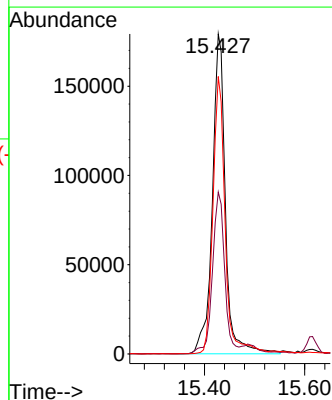
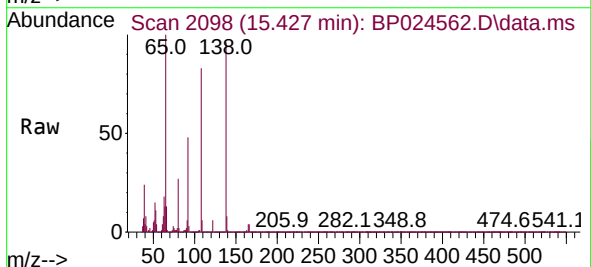
Instrument :  
BNA\_P  
ClientSampleId :  
MH-QMSD

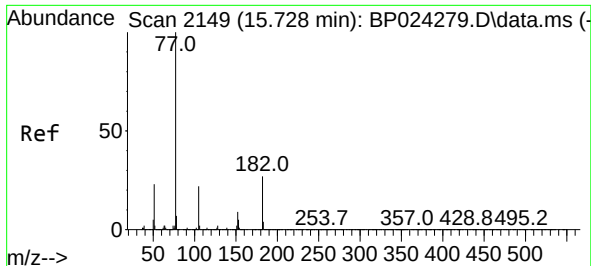
Tgt Ion:204 Resp: 604756  
Ion Ratio Lower Upper  
204 100  
206 32.5 26.5 39.7  
141 64.1 49.4 74.0



#62  
4-Nitroaniline  
Concen: 47.888 ng  
RT: 15.427 min Scan# 2098  
Delta R.T. -0.012 min  
Lab File: BP024562.D  
Acq: 07 May 2025 13:37

Tgt Ion:138 Resp: 324042  
Ion Ratio Lower Upper  
138 100  
92 50.6 27.8 67.8  
108 86.7 48.9 88.9



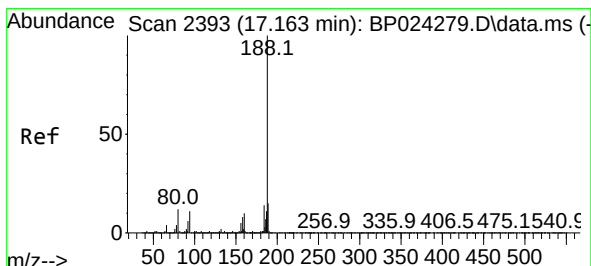
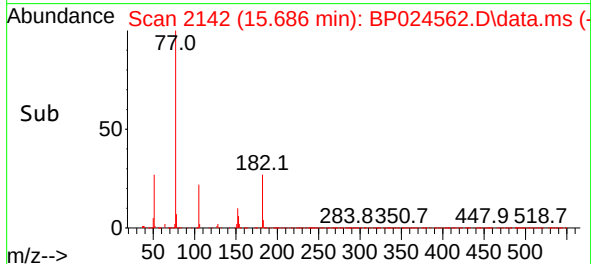
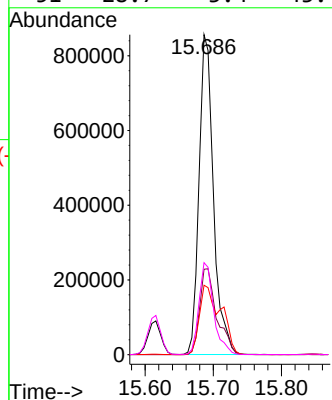
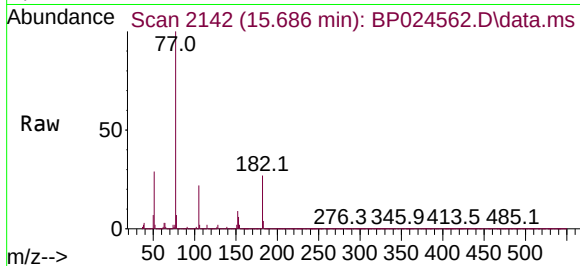


#63  
Azobenzene  
Concen: 46.347 ng  
RT: 15.686 min Scan# 2142  
Delta R.T. -0.024 min  
Lab File: BP024562.D  
Acq: 07 May 2025 13:37

Instrument :  
BNA\_P  
ClientSampleId :  
MH-QMSD

Tgt Ion: 77 Resp: 1257263

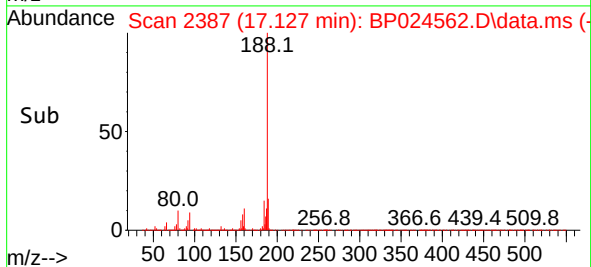
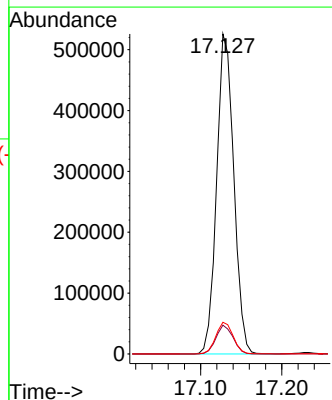
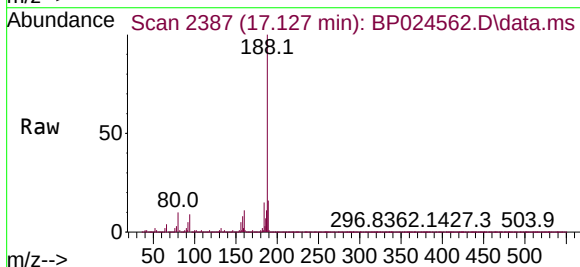
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 77  | 100   |       |       |
| 182 | 26.7  | 7.3   | 47.3  |
| 105 | 21.7  | 2.3   | 42.3  |
| 51  | 28.7  | 3.4   | 43.4  |

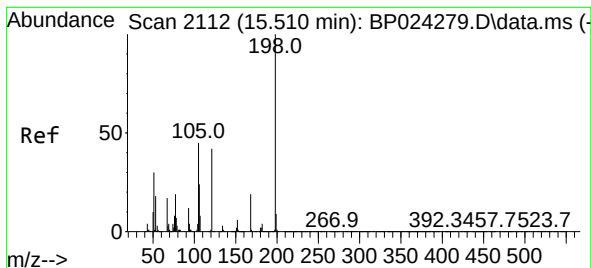


#64  
Phenanthrene-d10  
Concen: 20.000 ng  
RT: 17.127 min Scan# 2387  
Delta R.T. -0.018 min  
Lab File: BP024562.D  
Acq: 07 May 2025 13:37

Tgt Ion: 188 Resp: 771993

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 188 | 100   |       |       |
| 94  | 9.0   | 8.6   | 13.0  |
| 80  | 9.9   | 9.8   | 14.6  |

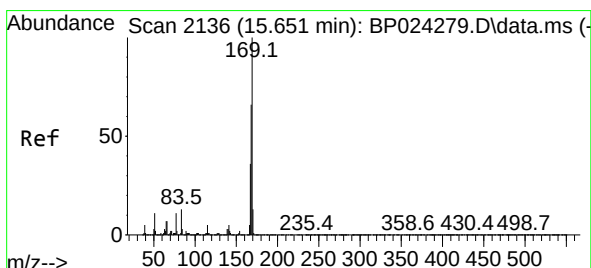
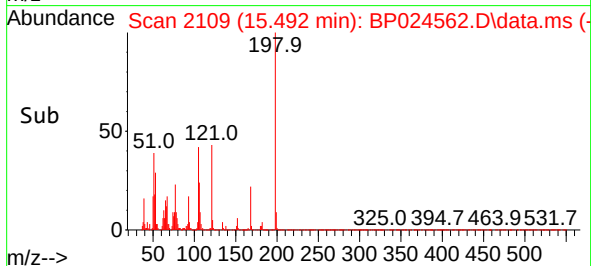
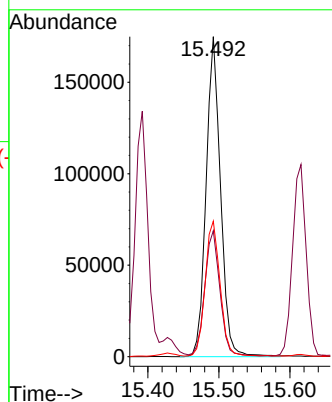
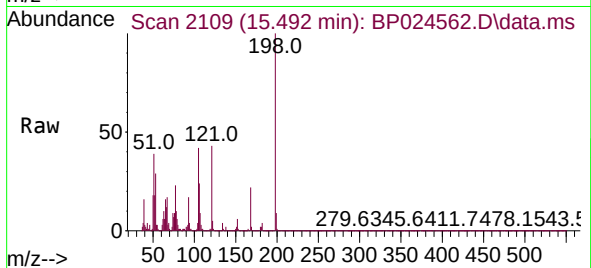




#65  
4,6-Dinitro-2-methylphenol  
Concen: 50.869 ng  
RT: 15.492 min Scan# 2109  
Delta R.T. -0.006 min  
Lab File: BP024562.D  
Acq: 07 May 2025 13:37

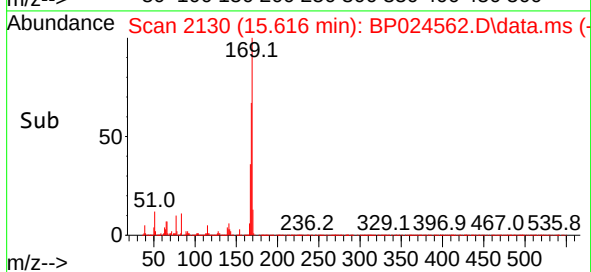
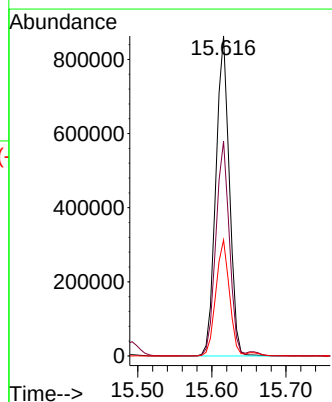
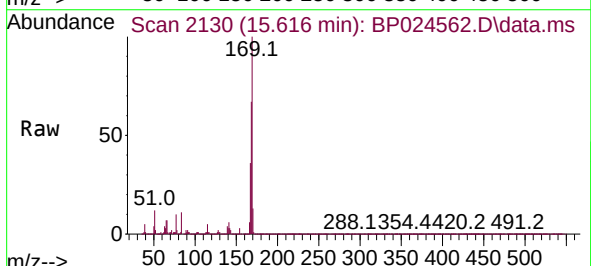
Instrument :  
BNA\_P  
ClientSampleId :  
MH-QMSD

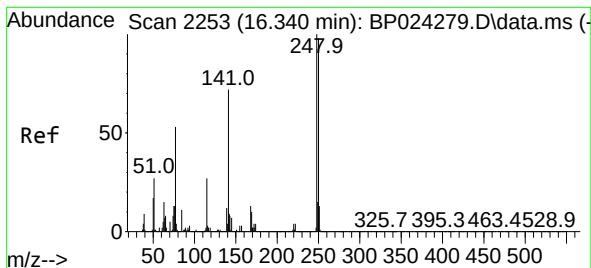
Tgt Ion:198 Resp: 247587  
Ion Ratio Lower Upper  
198 100  
51 39.4 18.4 58.4  
105 42.4 26.5 66.5



#66  
n-Nitrosodiphenylamine  
Concen: 47.382 ng  
RT: 15.616 min Scan# 2130  
Delta R.T. -0.012 min  
Lab File: BP024562.D  
Acq: 07 May 2025 13:37

Tgt Ion:169 Resp: 1091788  
Ion Ratio Lower Upper  
169 100  
168 67.1 53.0 79.4  
167 36.3 28.9 43.3

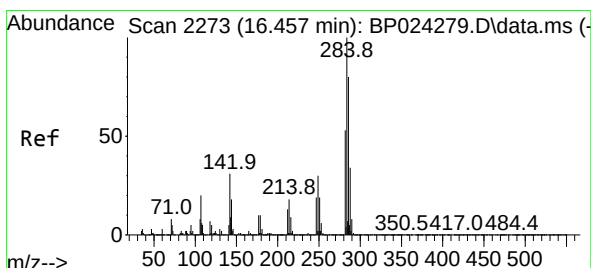
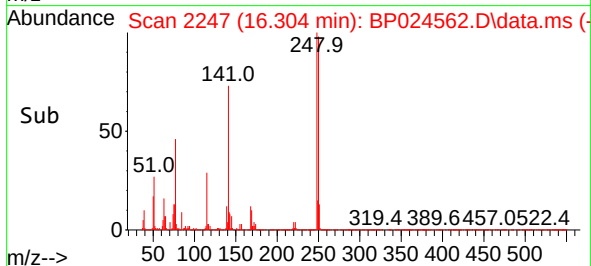
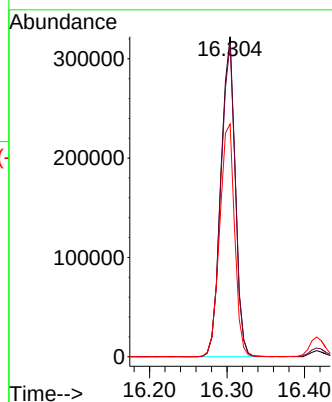
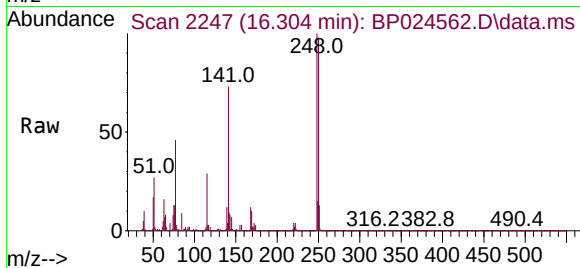




#67  
4-Bromophenyl-phenylether  
Concen: 49.050 ng  
RT: 16.304 min Scan# 211  
Delta R.T. -0.018 min  
Lab File: BP024562.D  
Acq: 07 May 2025 13:37

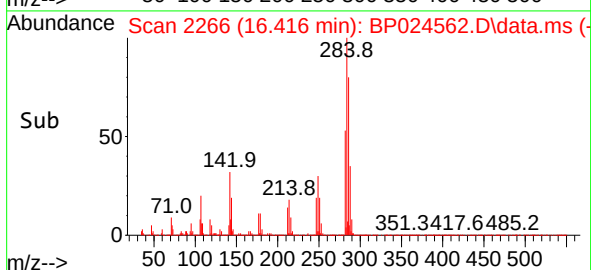
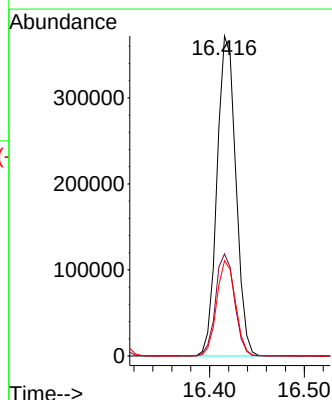
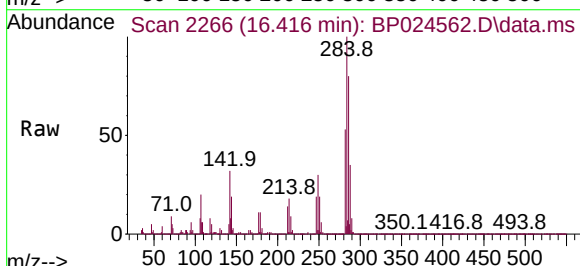
Instrument :  
BNA\_P  
ClientSampleId :  
MH-QMSD

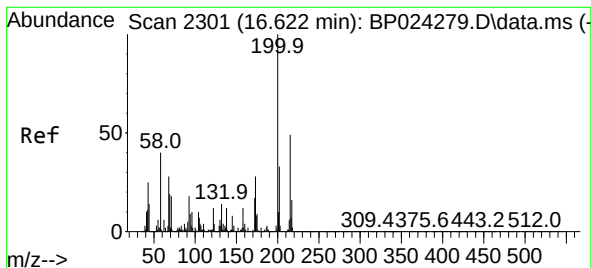
Tgt Ion:248 Resp: 414138  
Ion Ratio Lower Upper  
248 100  
250 97.9 78.2 117.4  
141 72.7 57.7 86.5



#68  
Hexachlorobenzene  
Concen: 51.247 ng  
RT: 16.416 min Scan# 2266  
Delta R.T. -0.024 min  
Lab File: BP024562.D  
Acq: 07 May 2025 13:37

Tgt Ion:284 Resp: 514146  
Ion Ratio Lower Upper  
284 100  
142 31.9 24.6 37.0  
249 29.7 23.8 35.6





#69

Atrazine

Concen: 66.876 ng

RT: 16.592 min Scan# 21

Delta R.T. -0.018 min

Lab File: BP024562.D

Acq: 07 May 2025 13:37

Instrument :

BNA\_P

ClientSampleId :

MH-QMSD

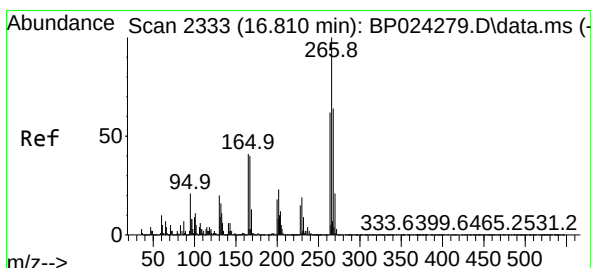
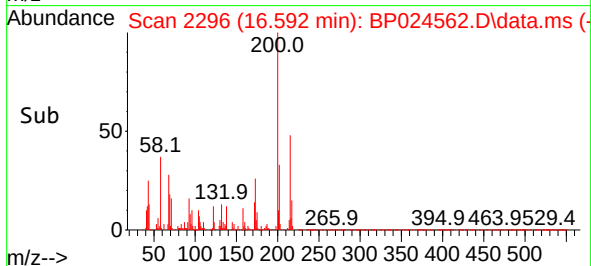
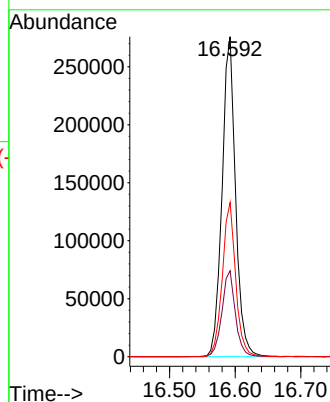
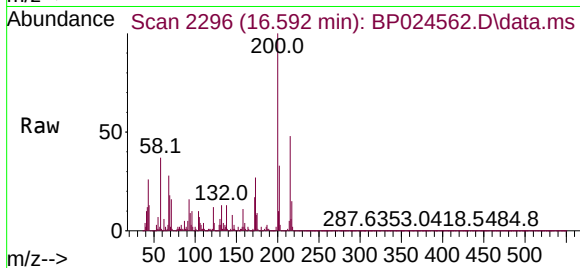
Tgt Ion:200 Resp: 392473

Ion Ratio Lower Upper

200 100

173 26.9 7.5 47.5

215 48.2 28.8 68.8



#70

Pentachlorophenol

Concen: 98.845 ng

RT: 16.780 min Scan# 2328

Delta R.T. -0.018 min

Lab File: BP024562.D

Acq: 07 May 2025 13:37

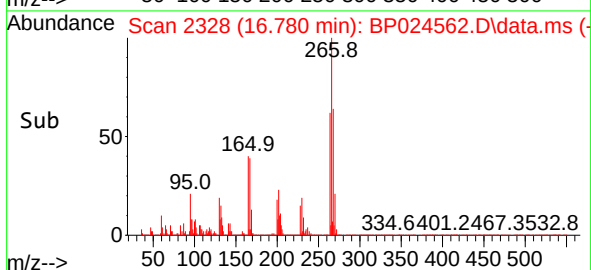
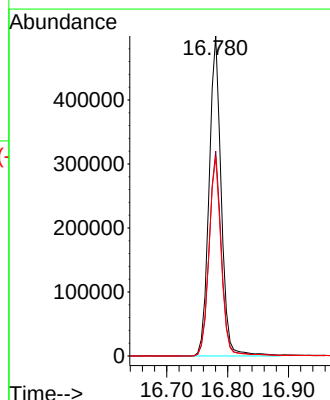
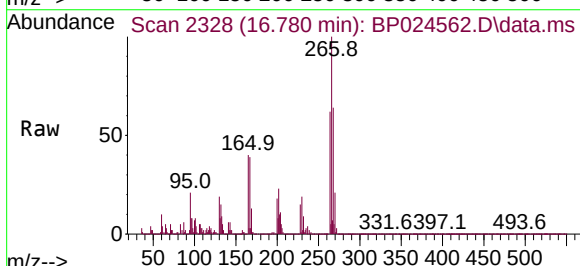
Tgt Ion:266 Resp: 691833

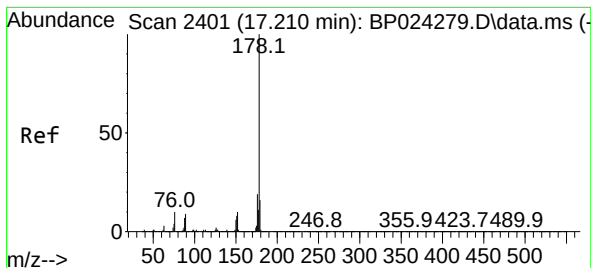
Ion Ratio Lower Upper

266 100

268 64.0 51.0 76.6

264 62.2 49.8 74.6





#71

Phenanthrene

Concen: 45.631 ng

RT: 17.174 min Scan# 21

Delta R.T. -0.018 min

Lab File: BP024562.D

Acq: 07 May 2025 13:37

Instrument :

BNA\_P

ClientSampleId :

MH-QMSD

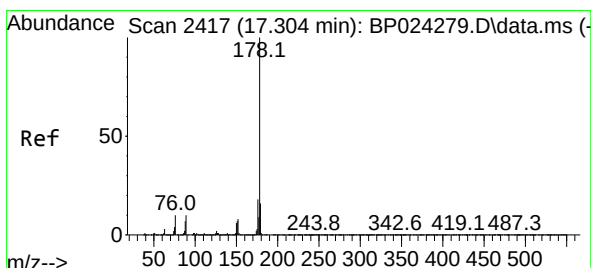
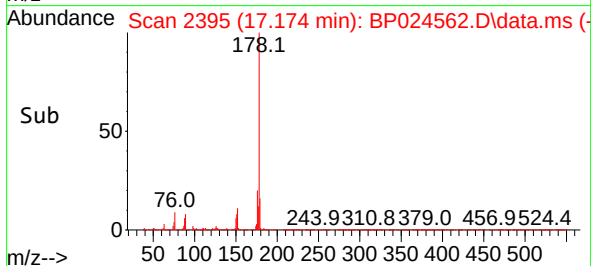
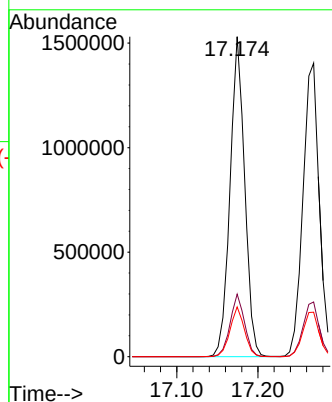
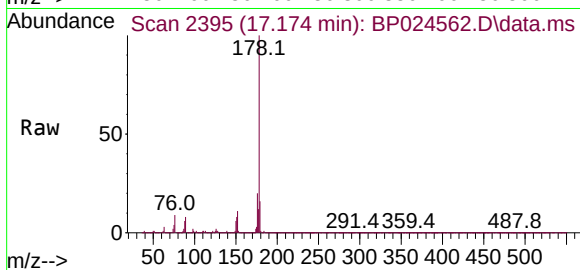
Tgt Ion:178 Resp: 1921721

Ion Ratio Lower Upper

178 100

176 19.5 15.4 23.0

179 15.5 12.5 18.7



#72

Anthracene

Concen: 48.511 ng

RT: 17.269 min Scan# 2411

Delta R.T. -0.018 min

Lab File: BP024562.D

Acq: 07 May 2025 13:37

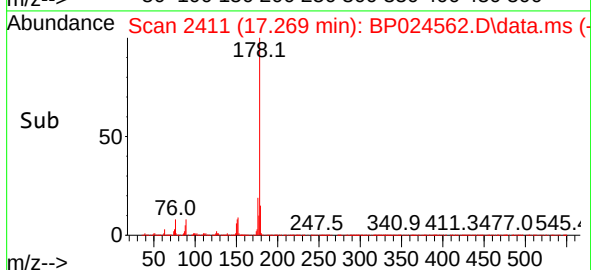
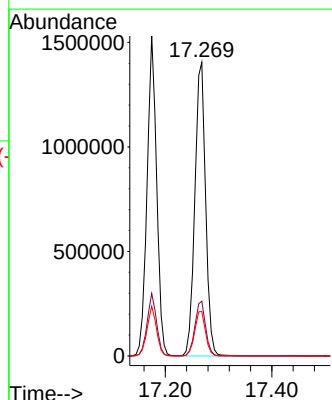
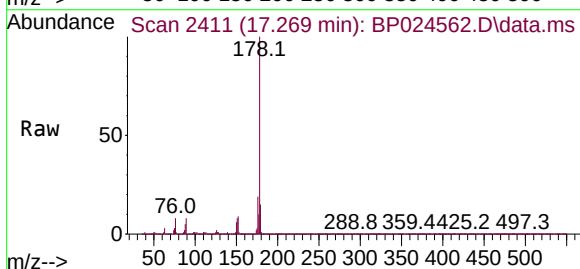
Tgt Ion:178 Resp: 1969025

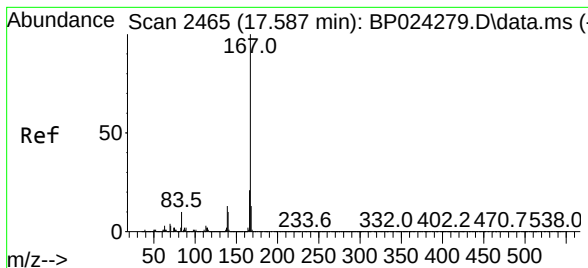
Ion Ratio Lower Upper

178 100

176 18.7 14.7 22.1

179 15.2 12.4 18.6





#73

Carbazole

Concen: 47.475 ng

RT: 17.551 min Scan# 24

Delta R.T. -0.018 min

Lab File: BP024562.D

Acq: 07 May 2025 13:37

Instrument :

BNA\_P

ClientSampleId :

MH-QMSD

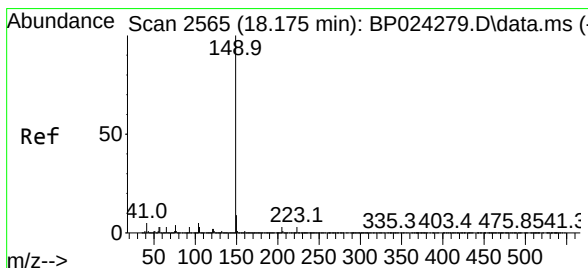
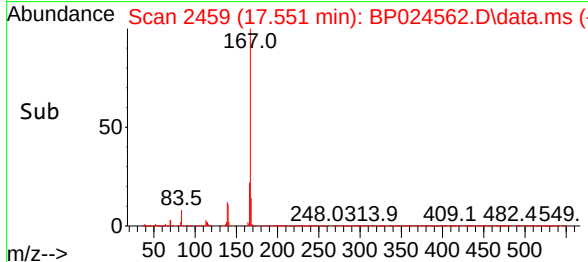
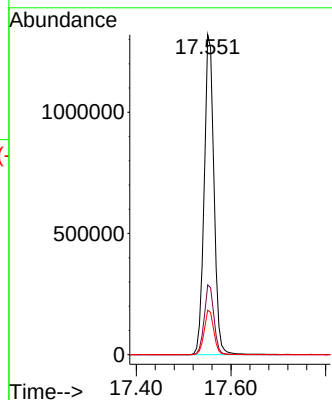
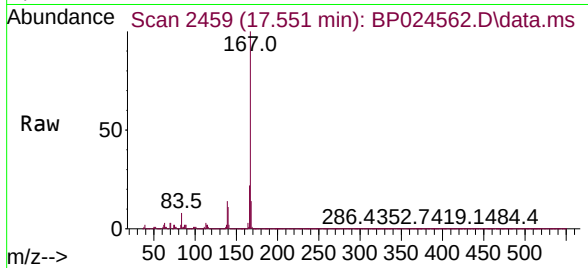
Tgt Ion:167 Resp: 1882845

Ion Ratio Lower Upper

167 100

166 21.8 17.1 25.7

139 13.9 10.6 16.0



#74

Di-n-butylphthalate

Concen: 48.518 ng

RT: 18.133 min Scan# 2558

Delta R.T. -0.024 min

Lab File: BP024562.D

Acq: 07 May 2025 13:37

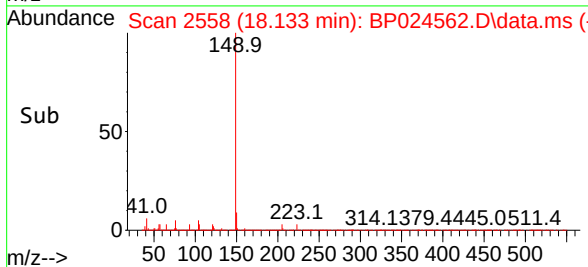
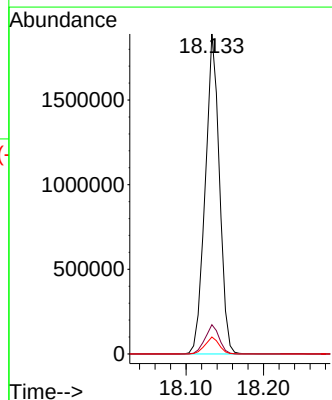
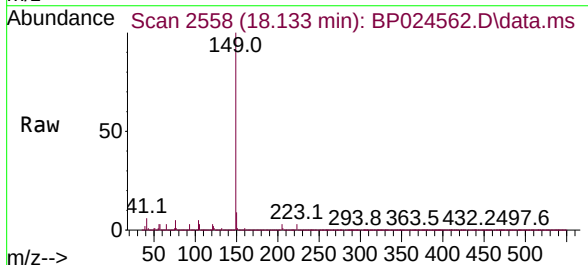
Tgt Ion:149 Resp: 2397286

Ion Ratio Lower Upper

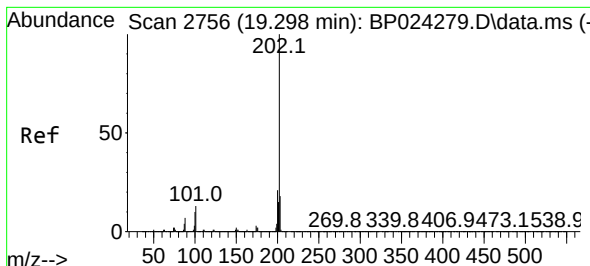
149 100

150 9.1 7.4 11.2

104 5.3 3.9 5.9







#75

Fluoranthene

Concen: 46.706 ng

RT: 19.263 min Scan# 21

Delta R.T. -0.018 min

Lab File: BP024562.D

Acq: 07 May 2025 13:37

Instrument :

BNA\_P

ClientSampleId :

MH-QMSD

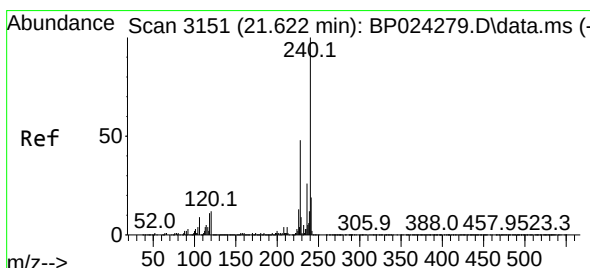
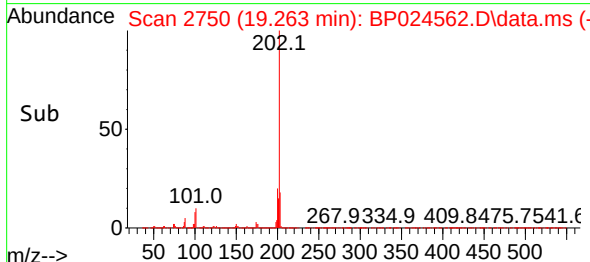
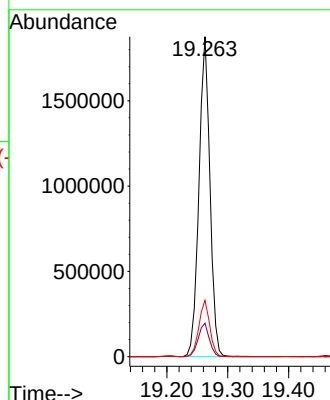
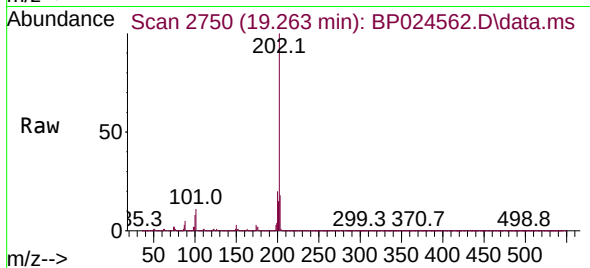
Tgt Ion:202 Resp: 2339401

Ion Ratio Lower Upper

202 100

101 10.5 0.0 33.2

203 17.6 0.0 37.7



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.574 min Scan# 3143

Delta R.T. -0.018 min

Lab File: BP024562.D

Acq: 07 May 2025 13:37

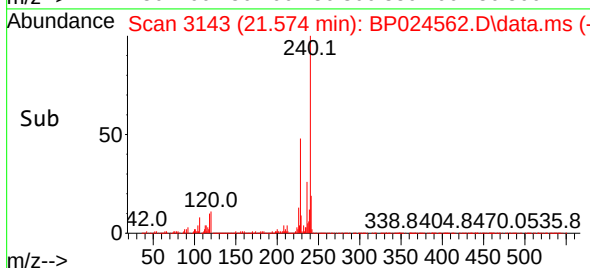
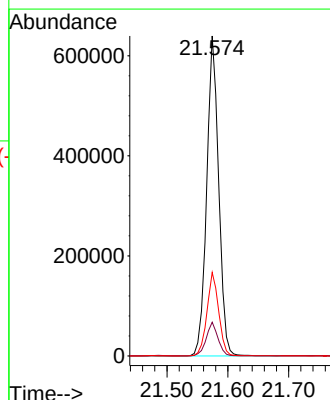
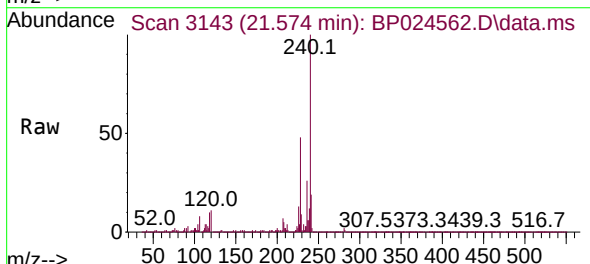
Tgt Ion:240 Resp: 874555

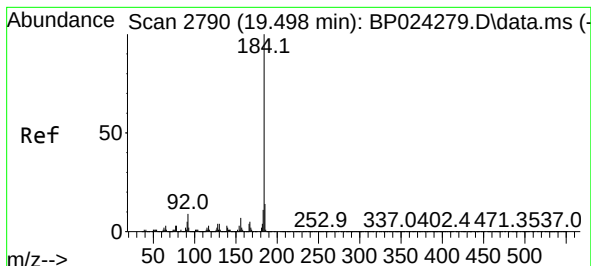
Ion Ratio Lower Upper

240 100

120 10.5 9.8 14.8

236 26.1 20.9 31.3





#77

Benzidine

Concen: 110.073 ng

RT: 19.463 min Scan# 21

Delta R.T. -0.018 min

Lab File: BP024562.D

Acq: 07 May 2025 13:37

Instrument :

BNA\_P

ClientSampleId :

MH-QMSD

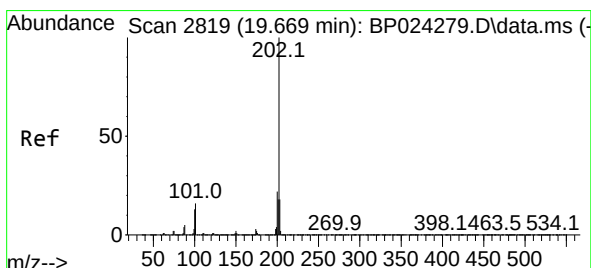
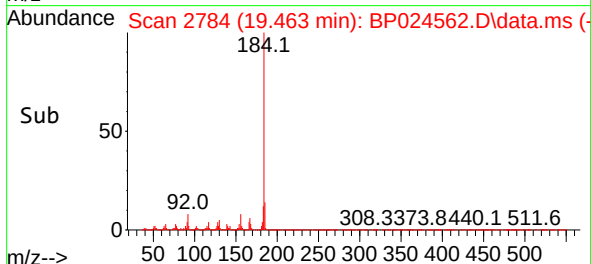
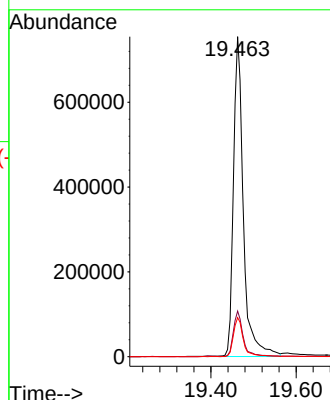
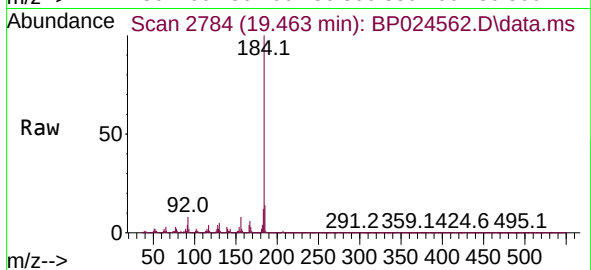
Tgt Ion:184 Resp: 1220239

Ion Ratio Lower Upper

184 100

185 14.2 11.6 17.4

183 12.2 9.2 13.8



#78

Pyrene

Concen: 43.742 ng

RT: 19.639 min Scan# 2814

Delta R.T. -0.012 min

Lab File: BP024562.D

Acq: 07 May 2025 13:37

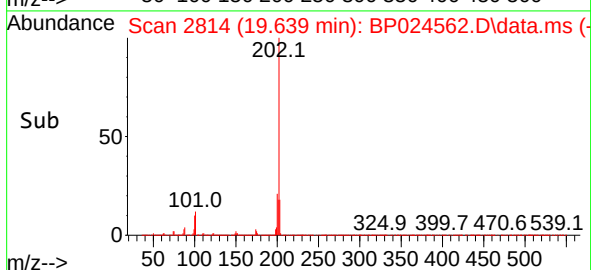
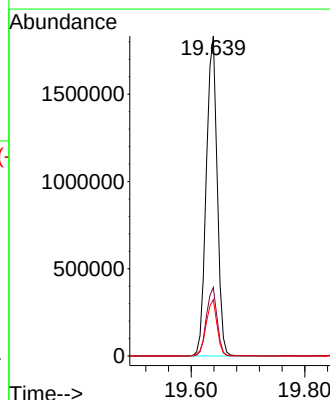
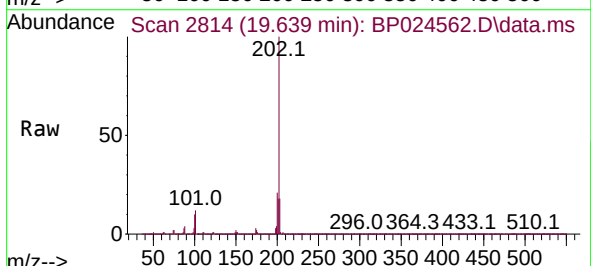
Tgt Ion:202 Resp: 2431140

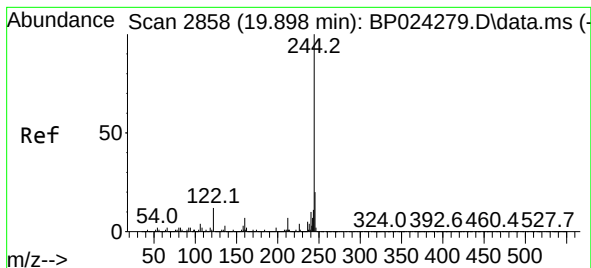
Ion Ratio Lower Upper

202 100

200 21.4 17.2 25.8

203 17.6 14.4 21.6





#79

Terphenyl-d14

Concen: 48.124 ng

RT: 19.851 min Scan# 21

Delta R.T. -0.024 min

Lab File: BP024562.D

Acq: 07 May 2025 13:37

Instrument :

BNA\_P

ClientSampleId :

MH-QMSD

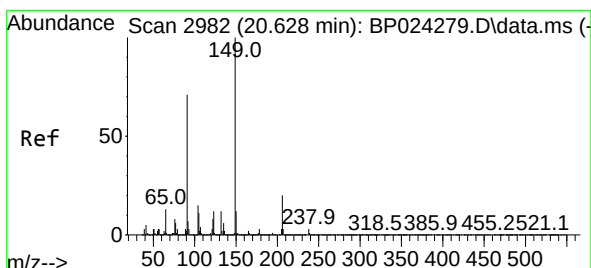
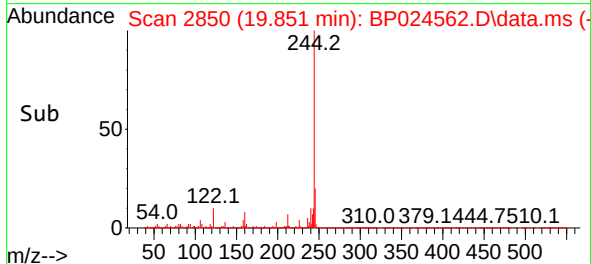
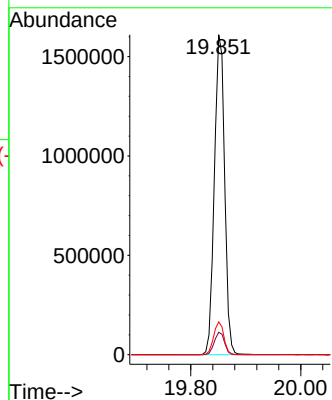
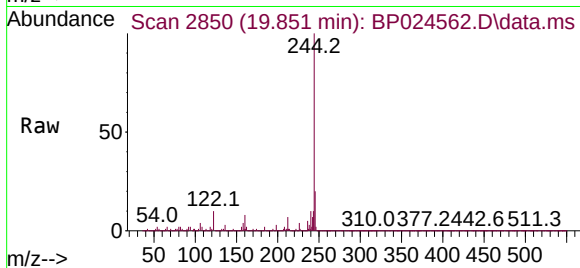
Tgt Ion:244 Resp: 2088015

Ion Ratio Lower Upper

244 100

212 7.0 5.6 8.4

122 10.3 9.4 14.0



#80

Butylbenzylphthalate

Concen: 48.757 ng

RT: 20.586 min Scan# 2975

Delta R.T. -0.018 min

Lab File: BP024562.D

Acq: 07 May 2025 13:37

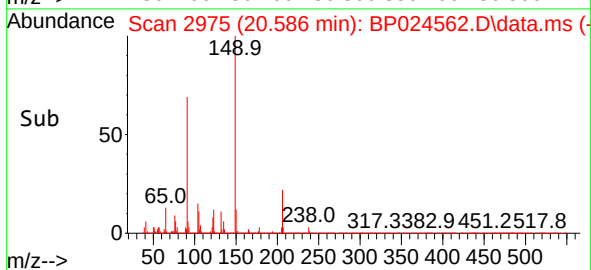
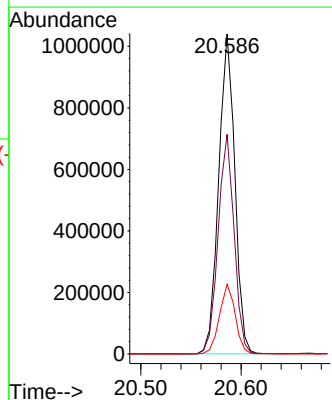
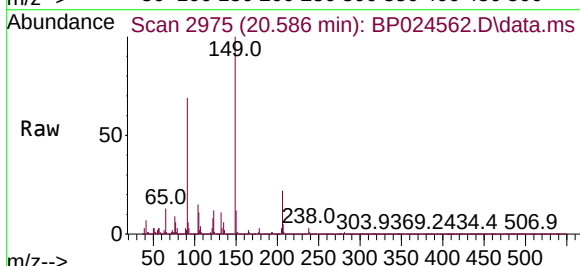
Tgt Ion:149 Resp: 1160705

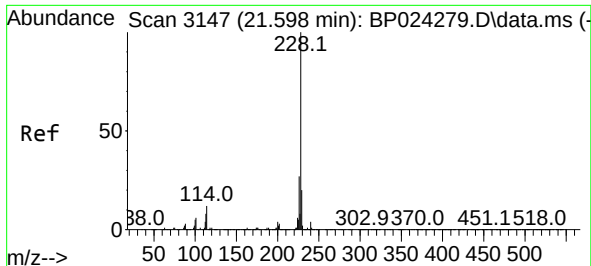
Ion Ratio Lower Upper

149 100

91 68.7 56.4 84.6

206 21.8 16.3 24.5

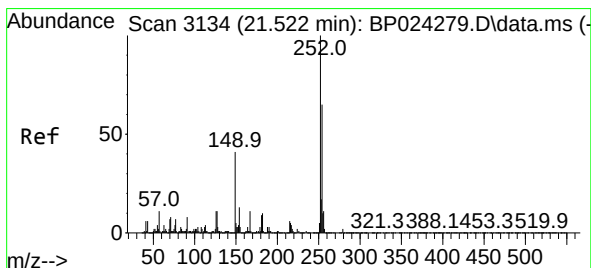
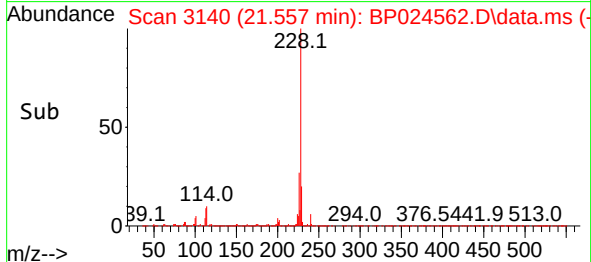
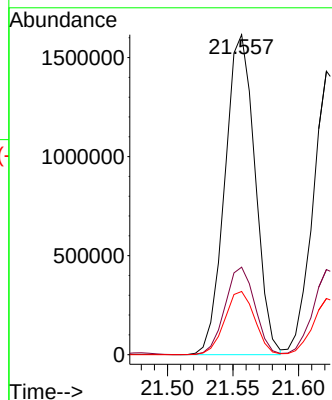
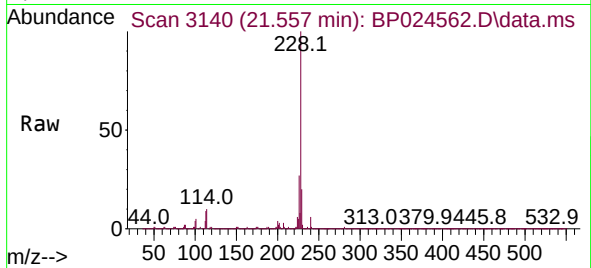




#81  
Benzo(a)anthracene  
Concen: 47.511 ng  
RT: 21.557 min Scan# 3147  
Delta R.T. -0.012 min  
Lab File: BP024562.D  
Acq: 07 May 2025 13:37

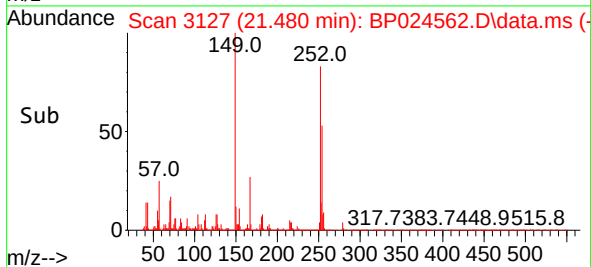
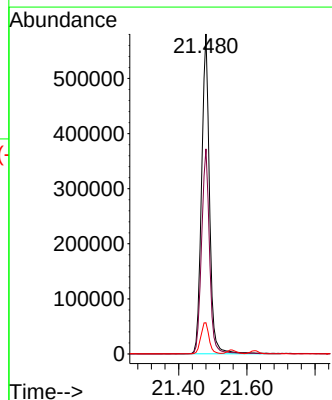
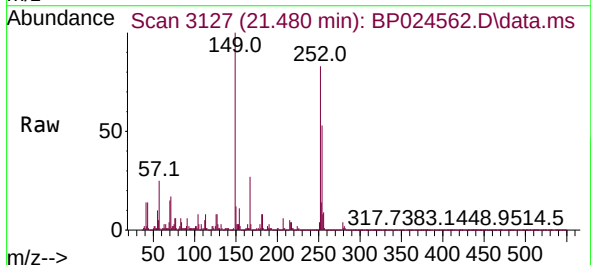
Instrument :  
BNA\_P  
ClientSampleId :  
MH-QMSD

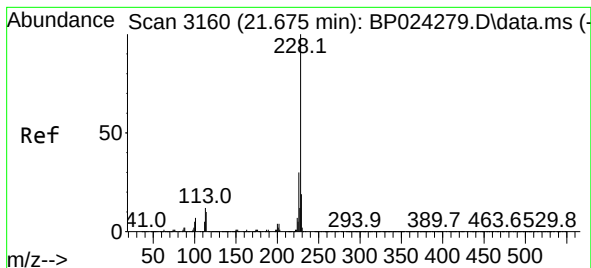
Tgt Ion:228 Resp: 2582660  
Ion Ratio Lower Upper  
228 100  
226 27.4 21.8 32.8  
229 19.8 15.9 23.9



#82  
3,3'-Dichlorobenzidine  
Concen: 49.202 ng  
RT: 21.480 min Scan# 3127  
Delta R.T. -0.012 min  
Lab File: BP024562.D  
Acq: 07 May 2025 13:37

Tgt Ion:252 Resp: 938740  
Ion Ratio Lower Upper  
252 100  
254 64.1 51.7 77.5  
126 9.7 8.8 13.2





#83

Chrysene

Concen: 45.769 ng

RT: 21.621 min Scan# 31

Delta R.T. -0.018 min

Lab File: BP024562.D

Acq: 07 May 2025 13:37

Instrument :

BNA\_P

ClientSampleId :

MH-QMSD

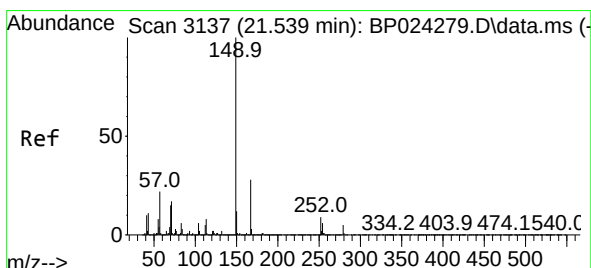
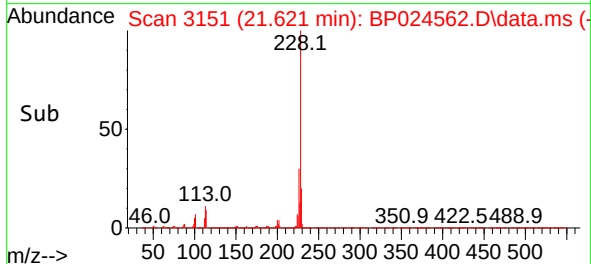
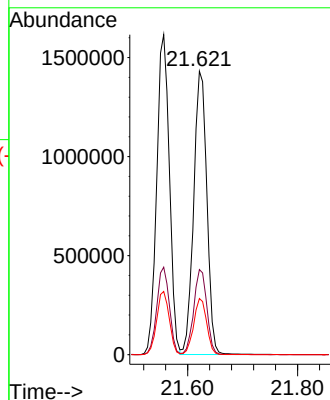
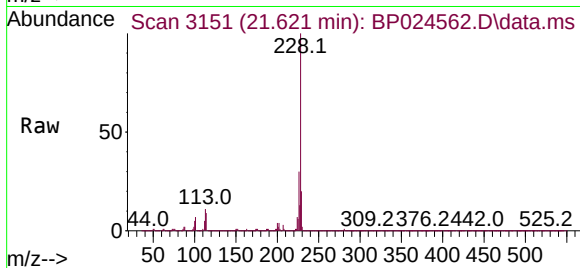
Tgt Ion:228 Resp: 2383597

Ion Ratio Lower Upper

228 100

226 30.0 24.2 36.2

229 19.8 15.6 23.4



#84

Bis(2-ethylhexyl)phthalate

Concen: 48.397 ng

RT: 21.492 min Scan# 3129

Delta R.T. -0.018 min

Lab File: BP024562.D

Acq: 07 May 2025 13:37

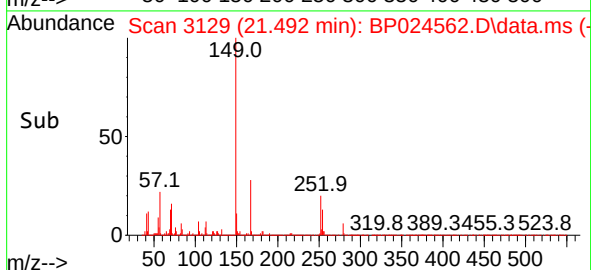
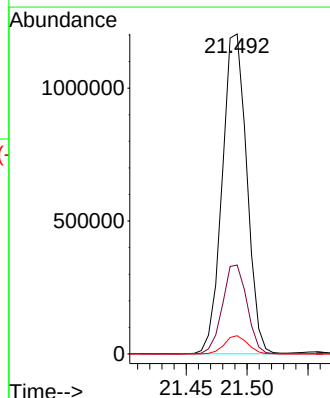
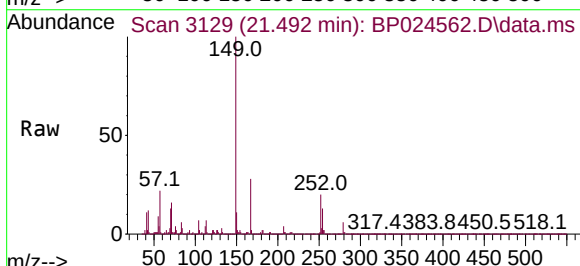
Tgt Ion:149 Resp: 1688963

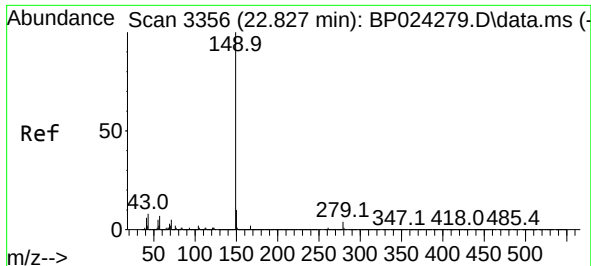
Ion Ratio Lower Upper

149 100

167 27.8 22.4 33.6

279 5.7 4.0 6.0

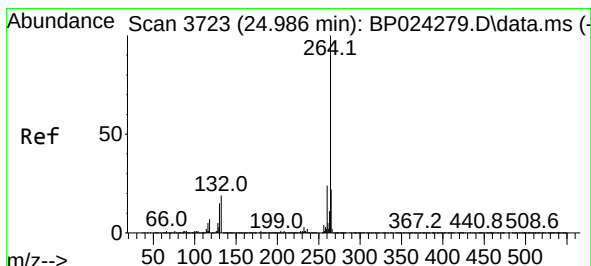
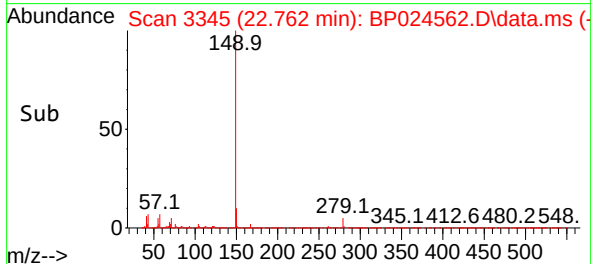
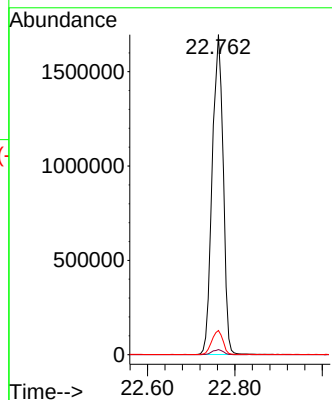
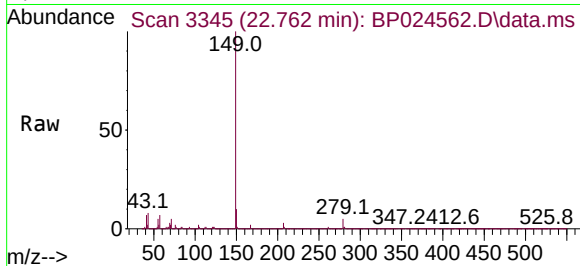




#85  
Di-n-octyl phthalate  
Concen: 52.091 ng  
RT: 22.762 min Scan# 31  
Delta R.T. -0.024 min  
Lab File: BP024562.D  
Acq: 07 May 2025 13:37

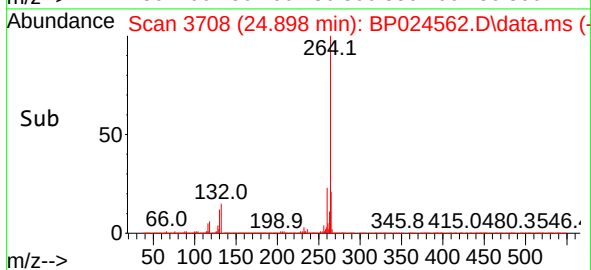
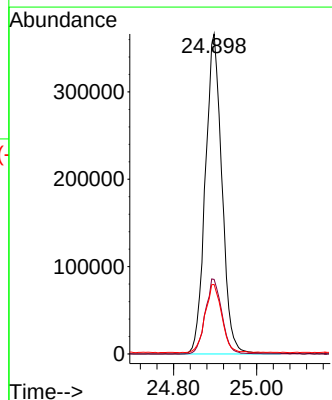
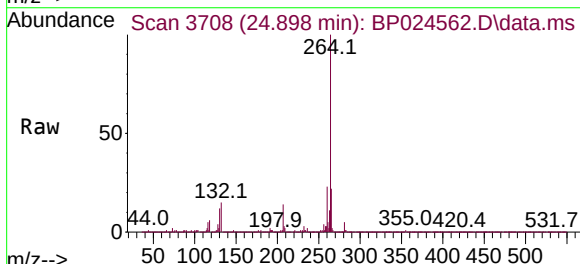
Instrument :  
BNA\_P  
ClientSampleId :  
MH-QMSD

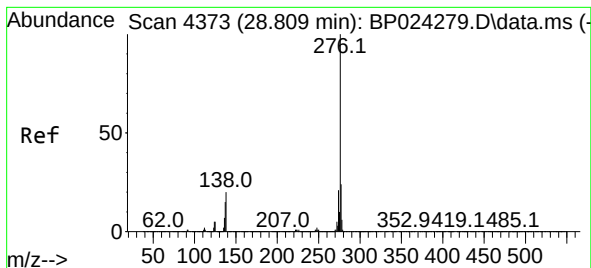
Tgt Ion:149 Resp: 2955365  
Ion Ratio Lower Upper  
149 100  
167 1.6 1.2 1.8  
43 7.6 6.0 9.0



#86  
Perylene-d12  
Concen: 20.000 ng  
RT: 24.898 min Scan# 3708  
Delta R.T. -0.035 min  
Lab File: BP024562.D  
Acq: 07 May 2025 13:37

Tgt Ion:264 Resp: 1014332  
Ion Ratio Lower Upper  
264 100  
260 23.3 18.9 28.3  
265 21.7 17.8 26.6





#87

Indeno(1,2,3-cd)pyrene

Concen: 51.012 ng

RT: 28.674 min Scan# 41

Delta R.T. -0.065 min

Lab File: BP024562.D

Acq: 07 May 2025 13:37

Instrument :

BNA\_P

ClientSampleId :

MH-QMSD

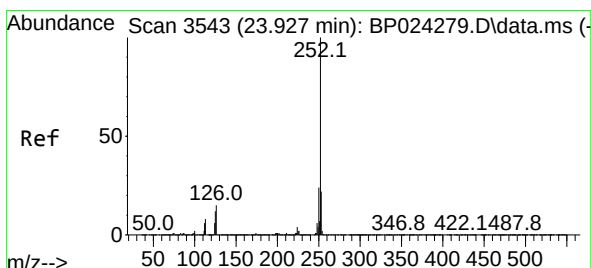
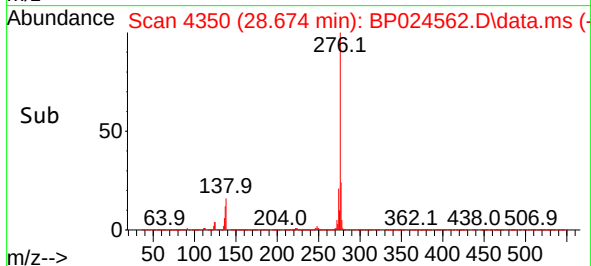
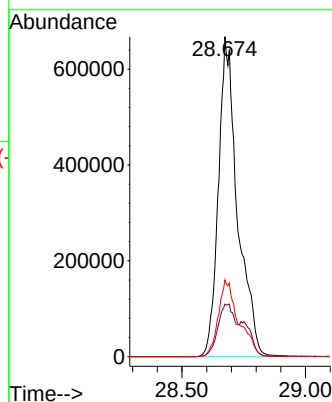
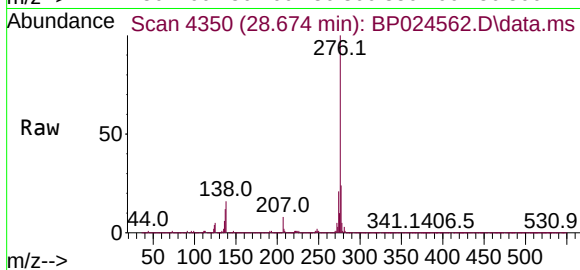
Tgt Ion:276 Resp: 3592229

Ion Ratio Lower Upper

276 100

138 14.7 14.5 21.7

277 25.5 20.2 30.2



#88

Benzo(b)fluoranthene

Concen: 46.129 ng m

RT: 23.856 min Scan# 3531

Delta R.T. -0.030 min

Lab File: BP024562.D

Acq: 07 May 2025 13:37

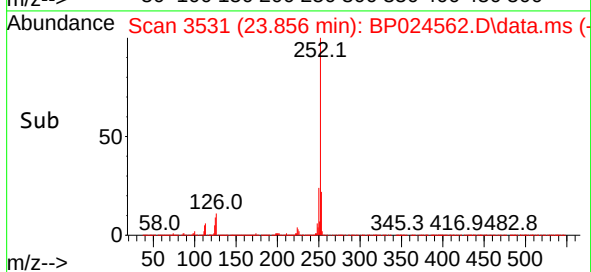
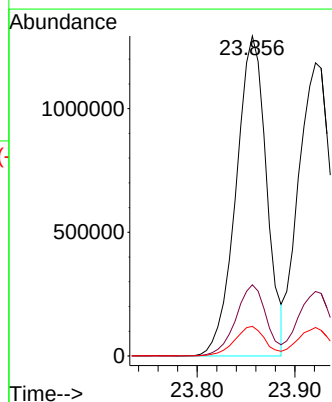
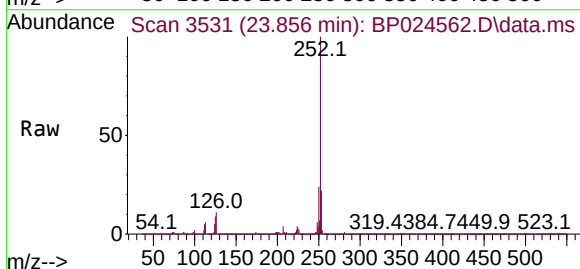
Tgt Ion:252 Resp: 2804625

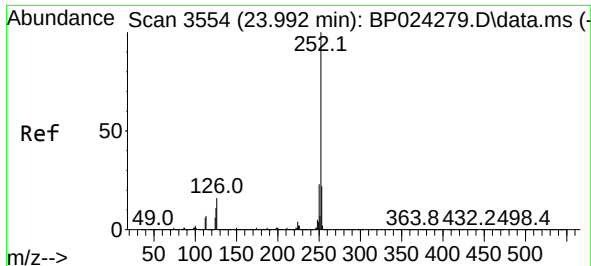
Ion Ratio Lower Upper

252 100

253 22.2 17.7 26.5

125 9.3 9.4 14.0#

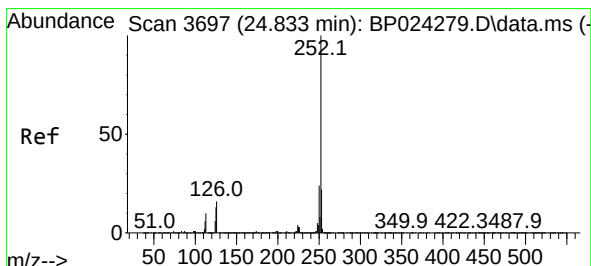
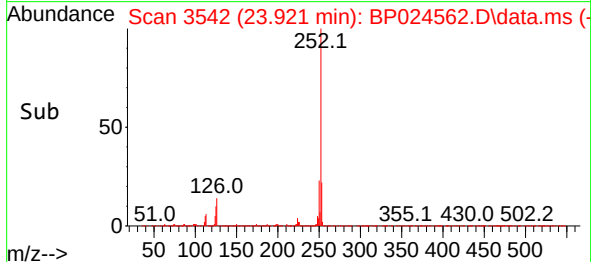
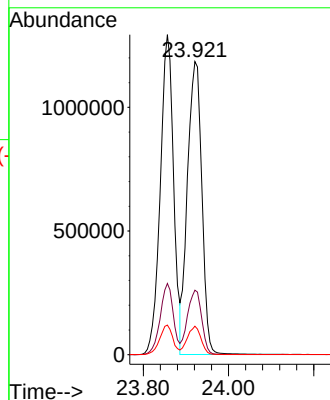
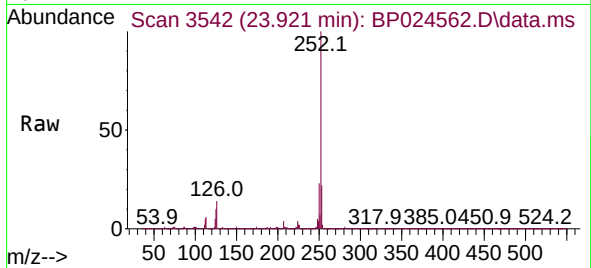




#89  
Benzo(k)fluoranthene  
Concen: 47.162 ng  
RT: 23.921 min Scan# 31  
Delta R.T. -0.035 min  
Lab File: BP024562.D  
Acq: 07 May 2025 13:37

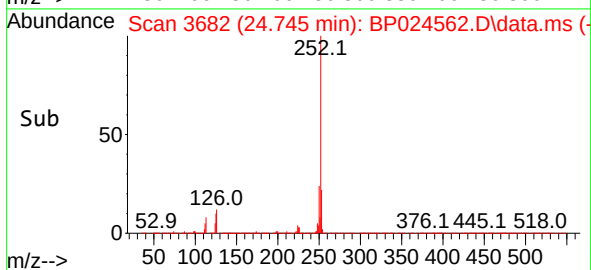
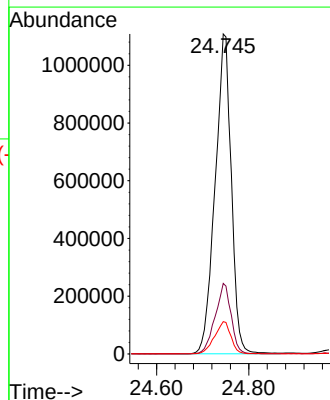
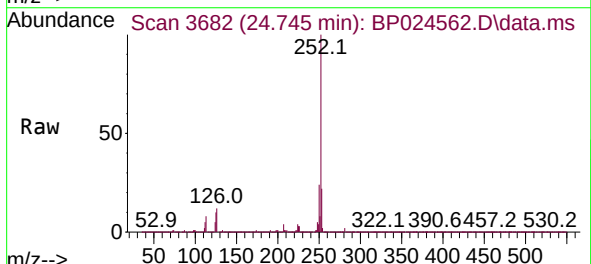
Instrument :  
BNA\_P  
ClientSampleId :  
MH-QMSD

Tgt Ion:252 Resp: 2769797  
Ion Ratio Lower Upper  
252 100  
253 22.0 17.7 26.5  
125 9.7 9.1 13.7

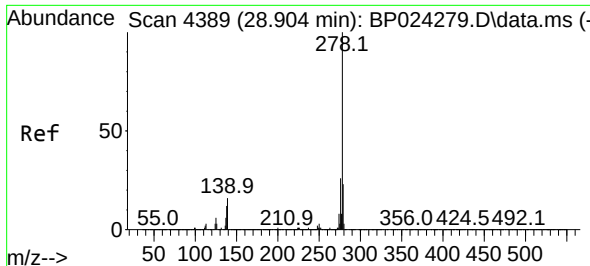


#90  
Benzo(a)pyrene  
Concen: 51.419 ng  
RT: 24.745 min Scan# 3682  
Delta R.T. -0.035 min  
Lab File: BP024562.D  
Acq: 07 May 2025 13:37

Tgt Ion:252 Resp: 2696702  
Ion Ratio Lower Upper  
252 100  
253 22.1 17.6 26.4  
125 10.1 10.1 15.1



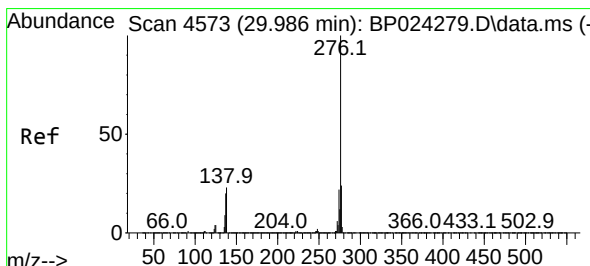
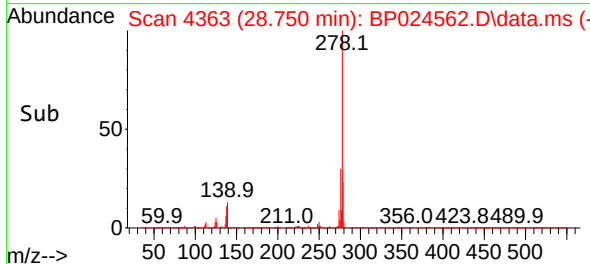
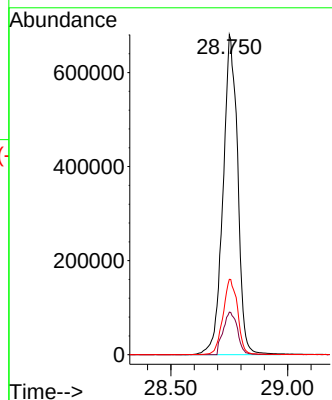
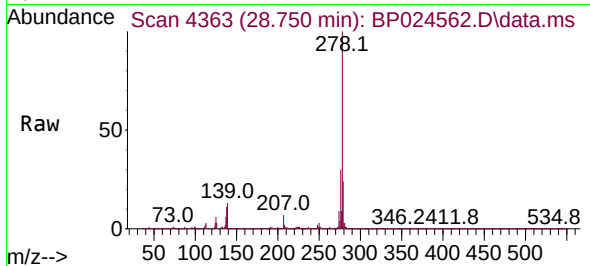




#91  
Dibenzo(a,h)anthracene  
Concen: 50.732 ng  
RT: 28.750 min Scan# 41  
Delta R.T. -0.053 min  
Lab File: BP024562.D  
Acq: 07 May 2025 13:37

Instrument :  
BNA\_P  
ClientSampleId :  
MH-QMSD

Tgt Ion:278 Resp: 2965315  
Ion Ratio Lower Upper  
278 100  
139 13.3 12.6 19.0  
279 23.5 18.5 27.7



#92  
Benzo(g,h,i)perylene  
Concen: 48.158 ng  
RT: 29.856 min Scan# 4551  
Delta R.T. -0.041 min  
Lab File: BP024562.D  
Acq: 07 May 2025 13:37

Tgt Ion:276 Resp: 2865086  
Ion Ratio Lower Upper  
276 100  
277 23.9 18.9 28.3  
138 18.7 18.7 28.1#

