

Data Path : Z:\svoasrv\HPCHEM1\BNA\_P\Data\BP042325\  
 Data File : BP024393.D  
 Acq On : 23 Apr 2025 12:46  
 Operator : RC/JU  
 Sample : PB167700BS  
 Misc :  
 ALS Vial : 6 Sample Multiplier: 1

Instrument :  
 BNA\_P  
 ClientSampleId :  
 PB167700BS

Quant Time: Apr 23 13:16:10 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     | 7.722  | 152  | 228420   | 20.000  | ng    | 0.00     |
| 21) Naphthalene-d8            | 10.493 | 136  | 923996   | 20.000  | ng    | 0.00     |
| 39) Acenaphthene-d10          | 14.345 | 164  | 569624   | 20.000  | ng    | 0.00     |
| 64) Phenanthrene-d10          | 17.145 | 188  | 1071670  | 20.000  | ng    | 0.00     |
| 76) Chrysene-d12              | 21.598 | 240  | 1109178  | 20.000  | ng    | 0.00     |
| 86) Perylene-d12              | 24.945 | 264  | 1313197  | 20.000  | ng    | 0.01     |
| System Monitoring Compounds   |        |      |          |         |       |          |
| 5) 2-Fluorophenol             | 5.346  | 112  | 1915784  | 138.677 | ng    | 0.00     |
| 7) Phenol-d6                  | 6.910  | 99   | 2382484  | 125.949 | ng    | 0.00     |
| 23) Nitrobenzene-d5           | 8.869  | 82   | 1439069  | 88.807  | ng    | 0.00     |
| 42) 2,4,6-Tribromophenol      | 15.857 | 330  | 1128841  | 143.235 | ng    | 0.00     |
| 45) 2-Fluorobiphenyl          | 12.957 | 172  | 3299962  | 88.701  | ng    | 0.00     |
| 79) Terphenyl-d14             | 19.874 | 244  | 4912868  | 89.278  | ng    | 0.00     |
| Target Compounds              |        |      |          |         |       |          |
|                               |        |      |          |         |       | Qvalue   |
| 2) 1,4-Dioxane                | 3.287  | 88   | 214774   | 36.755  | ng    | # 96     |
| 3) Pyridine                   | 3.681  | 79   | 561345   | 36.381  | ng    | 97       |
| 4) n-Nitrosodimethylamine     | 3.587  | 42   | 237858   | 46.449  | ng    | 87       |
| 6) Aniline                    | 7.057  | 93   | 639836   | 37.853  | ng    | 99       |
| 8) 2-Chlorophenol             | 7.293  | 128  | 717346   | 46.509  | ng    | 99       |
| 9) Benzaldehyde               | 6.869  | 77   | 341320   | 36.477  | ng    | 99       |
| 10) Phenol                    | 6.934  | 94   | 863686   | 45.515  | ng    | 96       |
| 11) bis(2-Chloroethyl)ether   | 7.152  | 93   | 638376   | 41.754  | ng    | 99       |
| 12) 1,3-Dichlorobenzene       | 7.610  | 146  | 739414   | 44.530  | ng    | 99       |
| 13) 1,4-Dichlorobenzene       | 7.752  | 146  | 747473   | 44.366  | ng    | 100      |
| 14) 1,2-Dichlorobenzene       | 8.069  | 146  | 714587   | 43.925  | ng    | 98       |
| 15) Benzyl Alcohol            | 7.963  | 79   | 583663   | 47.712  | ng    | 98       |
| 16) 2,2'-oxybis(1-Chloropr... | 8.240  | 45   | 717444   | 43.414  | ng    | 99       |
| 17) 2-Methylphenol            | 8.163  | 107  | 584973   | 47.654  | ng    | 98       |
| 18) Hexachloroethane          | 8.787  | 117  | 279760   | 45.948  | ng    | 99       |
| 19) n-Nitroso-di-n-propyla... | 8.516  | 70   | 477742   | 40.823  | ng    | 98       |
| 20) 3+4-Methylphenols         | 8.487  | 107  | 785578   | 46.122  | ng    | 98       |
| 22) Acetophenone              | 8.534  | 105  | 993947   | 43.462  | ng    | 99       |
| 24) Nitrobenzene              | 8.910  | 77   | 721129   | 44.985  | ng    | 99       |
| 25) Isophorone                | 9.428  | 82   | 1335212  | 45.522  | ng    | 99       |
| 26) 2-Nitrophenol             | 9.610  | 139  | 377067   | 48.066  | ng    | 95       |
| 27) 2,4-Dimethylphenol        | 9.681  | 122  | 649737   | 65.962  | ng    | 99       |
| 28) bis(2-Chloroethoxy)met... | 9.910  | 93   | 856622   | 43.232  | ng    | 99       |
| 29) 2,4-Dichlorophenol        | 10.146 | 162  | 640518   | 47.691  | ng    | 99       |
| 30) 1,2,4-Trichlorobenzene    | 10.357 | 180  | 658051   | 45.730  | ng    | 99       |
| 31) Naphthalene               | 10.546 | 128  | 2070217  | 42.534  | ng    | 100      |
| 32) Benzoic acid              | 9.834  | 122  | 457424   | 39.854  | ng    | 98       |
| 33) 4-Chloroaniline           | 10.657 | 127  | 283400   | 16.534  | ng    | 99       |
| 34) Hexachlorobutadiene       | 10.828 | 225  | 402576   | 47.609  | ng    | 100      |
| 35) Caprolactam               | 11.451 | 113  | 211663   | 42.711  | ng    | 96       |
| 36) 4-Chloro-3-methylphenol   | 11.793 | 107  | 706611   | 45.169  | ng    | 98       |
| 37) 2-Methylnaphthalene       | 12.151 | 142  | 1311735  | 38.860  | ng    | 98       |
| 38) 1-Methylnaphthalene       | 12.369 | 142  | 1369757  | 41.480  | ng    | 99       |
| 40) 1,2,4,5-Tetrachloroben... | 12.528 | 216  | 708023   | 45.198  | ng    | 98       |
| 41) Hexachlorocyclopentadiene | 12.504 | 237  | 1053739  | 190.199 | ng    | 99       |
| 43) 2,4,6-Trichlorophenol     | 12.769 | 196  | 504147   | 48.407  | ng    | 98       |

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Quant Time: Apr 23 13:16:10 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) |
|-------------------------------|--------|------|----------|--------|-------|----------|
| 44) 2,4,5-Trichlorophenol     | 12.851 | 196  | 547035   | 47.432 | ng    | 99       |
| 46) 1,1'-Biphenyl             | 13.175 | 154  | 1835465  | 43.837 | ng    | 100      |
| 47) 2-Chloronaphthalene       | 13.216 | 162  | 1397562  | 44.660 | ng    | 99       |
| 48) 2-Nitroaniline            | 13.422 | 65   | 422175   | 48.095 | ng    | 97       |
| 49) Acenaphthylene            | 14.063 | 152  | 2350248  | 47.702 | ng    | 100      |
| 50) Dimethylphthalate         | 13.804 | 163  | 1804090  | 43.552 | ng    | 99       |
| 51) 2,6-Dinitrotoluene        | 13.922 | 165  | 396456   | 45.071 | ng    | 97       |
| 52) Acenaphthene              | 14.416 | 154  | 1345917  | 43.090 | ng    | 100      |
| 53) 3-Nitroaniline            | 14.257 | 138  | 254795   | 27.560 | ng    | 99       |
| 54) 2,4-Dinitrophenol         | 14.469 | 184  | 511751   | 98.766 | ng    | 94       |
| 55) Dibenzofuran              | 14.751 | 168  | 2114976  | 41.425 | ng    | 97       |
| 56) 4-Nitrophenol             | 14.586 | 139  | 743931   | 93.171 | ng    | 96       |
| 57) 2,4-Dinitrotoluene        | 14.722 | 165  | 572203   | 47.687 | ng    | 99       |
| 58) Fluorene                  | 15.410 | 166  | 1716651  | 43.433 | ng    | 99       |
| 59) 2,3,4,6-Tetrachlorophenol | 14.986 | 232  | 484510   | 45.550 | ng    | 99       |
| 60) Diethylphthalate          | 15.186 | 149  | 1828313  | 42.829 | ng    | 100      |
| 61) 4-Chlorophenyl-phenyle... | 15.404 | 204  | 842319   | 43.887 | ng    | 98       |
| 62) 4-Nitroaniline            | 15.434 | 138  | 427603   | 43.691 | ng    | 92       |
| 63) Azobenzene                | 15.704 | 77   | 1653162  | 42.134 | ng    | 97       |
| 65) 4,6-Dinitro-2-methylph... | 15.492 | 198  | 322709   | 47.763 | ng    | 96       |
| 66) n-Nitrosodiphenylamine    | 15.634 | 169  | 1498669  | 46.853 | ng    | 100      |
| 67) 4-Bromophenyl-phenylether | 16.322 | 248  | 548695   | 46.814 | ng    | 98       |
| 68) Hexachlorobenzene         | 16.433 | 284  | 669180   | 48.048 | ng    | 97       |
| 69) Atrazine                  | 16.604 | 200  | 526048   | 64.571 | ng    | 99       |
| 70) Pentachlorophenol         | 16.792 | 266  | 925341   | 95.238 | ng    | 99       |
| 71) Phenanthrene              | 17.192 | 178  | 2607430  | 44.600 | ng    | 100      |
| 72) Anthracene                | 17.286 | 178  | 2648256  | 47.000 | ng    | 100      |
| 73) Carbazole                 | 17.569 | 167  | 2479478  | 45.037 | ng    | 100      |
| 74) Di-n-butylphthalate       | 18.151 | 149  | 3045426  | 44.400 | ng    | 100      |
| 75) Fluoranthene              | 19.280 | 202  | 3003310  | 43.194 | ng    | 99       |
| 77) Benzidine                 | 19.480 | 184  | 1371804  | 97.569 | ng    | 99       |
| 78) Pyrene                    | 19.663 | 202  | 3129490  | 44.397 | ng    | 99       |
| 80) Butylbenzylphthalate      | 20.610 | 149  | 1425222  | 47.205 | ng    | 94       |
| 81) Benzo(a)anthracene        | 21.580 | 228  | 3152908  | 45.733 | ng    | 100      |
| 82) 3,3'-Dichlorobenzidine    | 21.492 | 252  | 768318   | 31.751 | ng    | 100      |
| 83) Chrysene                  | 21.645 | 228  | 2946671  | 44.613 | ng    | 100      |
| 84) Bis(2-ethylhexyl)phtha... | 21.516 | 149  | 2072622  | 46.828 | ng    | 99       |
| 85) Di-n-octyl phthalate      | 22.792 | 149  | 3536396  | 49.147 | ng    | 100      |
| 87) Indeno(1,2,3-cd)pyrene    | 28.721 | 276  | 4344060  | 47.649 | ng    | 98       |
| 88) Benzo(b)fluoranthene      | 23.886 | 252  | 3353924  | 42.609 | ng    | 98       |
| 89) Benzo(k)fluoranthene      | 23.957 | 252  | 3463039  | 45.546 | ng    | 99       |
| 90) Benzo(a)pyrene            | 24.786 | 252  | 3308791  | 48.731 | ng    | 99       |
| 91) Dibenzo(a,h)anthracene    | 28.803 | 278  | 3560029  | 47.046 | ng    | 98       |
| 92) Benzo(g,h,i)perylene      | 29.897 | 276  | 3498517  | 45.422 | ng    | 99       |

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

RNA P

BNA P

**ClientSampleId :**

PB167700BS

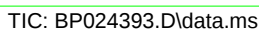
Quant Time: Apr 23 13:16:10 2025

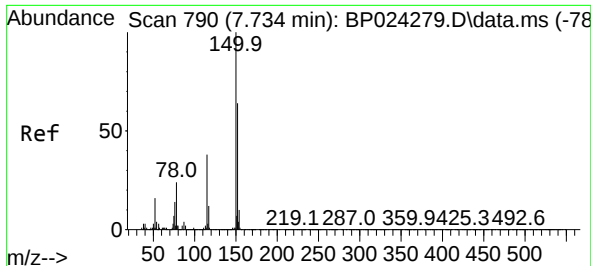
Quant Method : Z:\svoasrv\HPCHEM1\BNA\_P\Methods\8270E-BP041425.M

Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

QLast Update : Fri Apr 18 12:04:48 2025

Response via : Initial Calibration

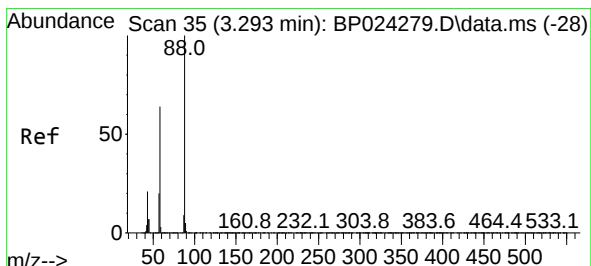
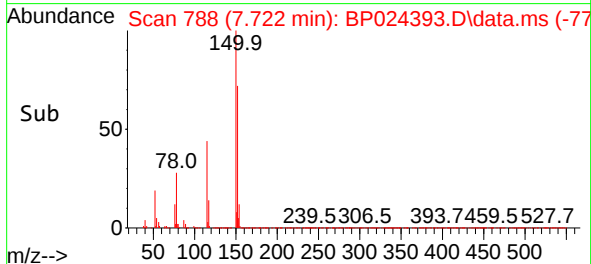
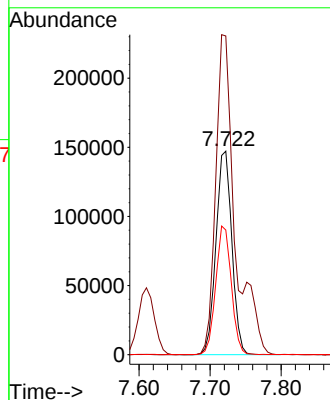
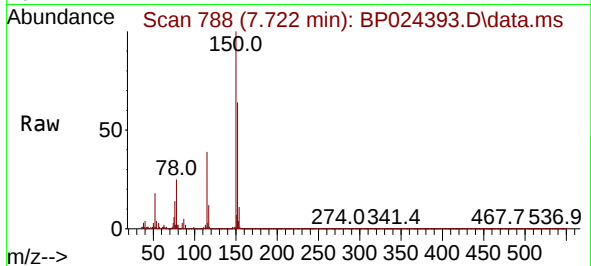




#1  
 1,4-Dichlorobenzene-d4  
 Concen: 20.000 ng  
 RT: 7.722 min Scan# 7  
 Delta R.T. 0.000 min  
 Lab File: BP024393.D  
 Acq: 23 Apr 2025 12:46

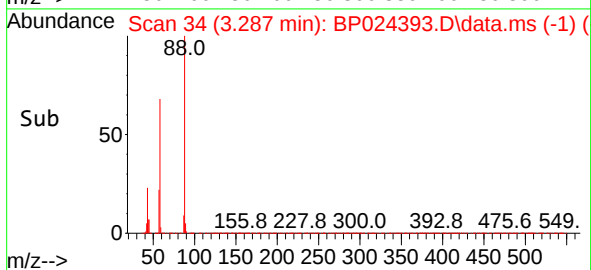
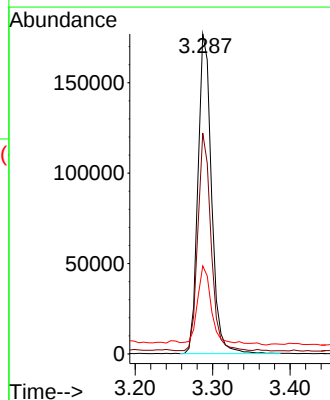
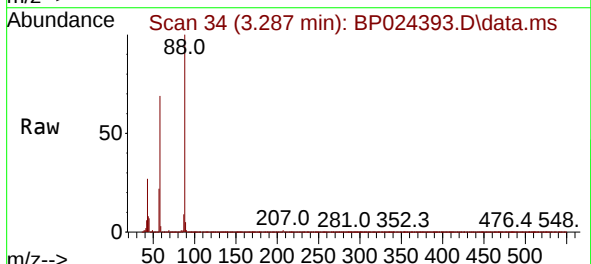
Instrument :  
 BNA\_P  
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 PB167700BS

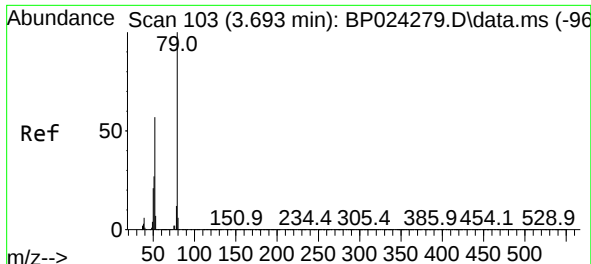
Tgt Ion:152 Resp: 228420  
 Ion Ratio Lower Upper  
 152 100  
 150 156.6 124.9 187.3  
 115 61.3 47.7 71.5



#2  
 1,4-Dioxane  
 Concen: 36.755 ng  
 RT: 3.287 min Scan# 34  
 Delta R.T. 0.000 min  
 Lab File: BP024393.D  
 Acq: 23 Apr 2025 12:46

Tgt Ion: 88 Resp: 214774  
 Ion Ratio Lower Upper  
 88 100  
 58 65.7 51.4 77.2  
 43 26.5 17.1 25.7#

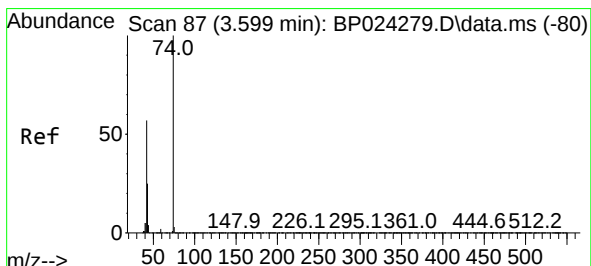
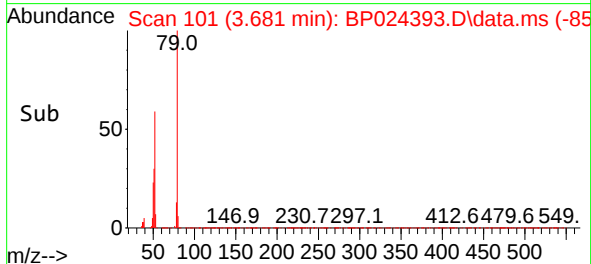
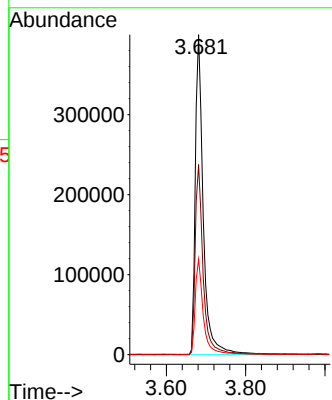
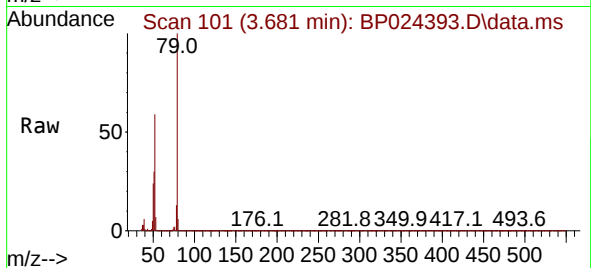




#3  
Pyridine  
Concen: 36.381 ng  
RT: 3.681 min Scan# 103  
Delta R.T. -0.006 min  
Lab File: BP024393.D  
Acq: 23 Apr 2025 12:46

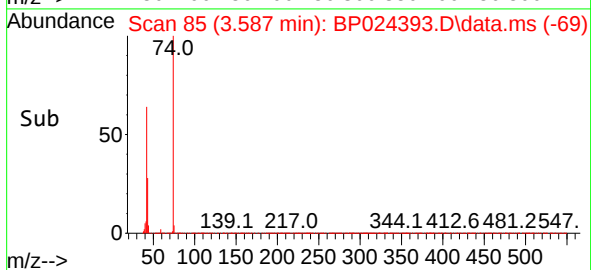
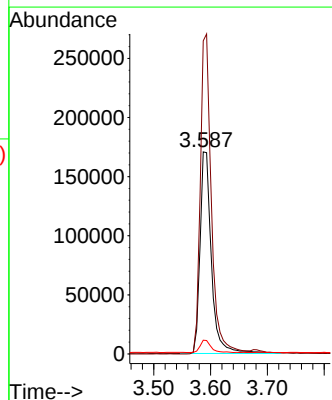
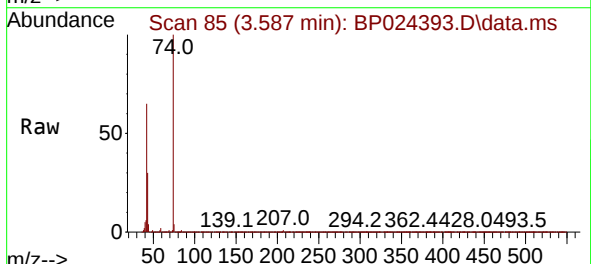
Instrument :  
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ClientSampleId :  
PB167700BS

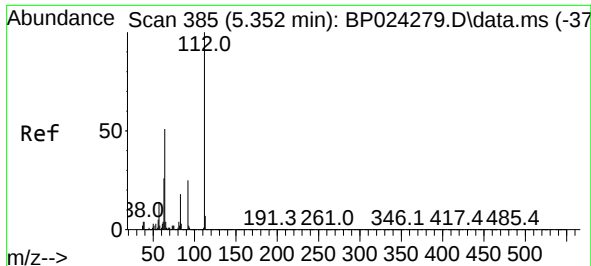
Tgt Ion: 79 Resp: 561345  
Ion Ratio Lower Upper  
79 100  
52 59.4 45.4 68.2  
51 29.8 22.6 33.8



#4  
n-Nitrosodimethylamine  
Concen: 46.449 ng  
RT: 3.587 min Scan# 85  
Delta R.T. -0.006 min  
Lab File: BP024393.D  
Acq: 23 Apr 2025 12:46

Tgt Ion: 42 Resp: 237858  
Ion Ratio Lower Upper  
42 100  
74 155.0 139.5 209.3  
44 6.9 5.8 8.8

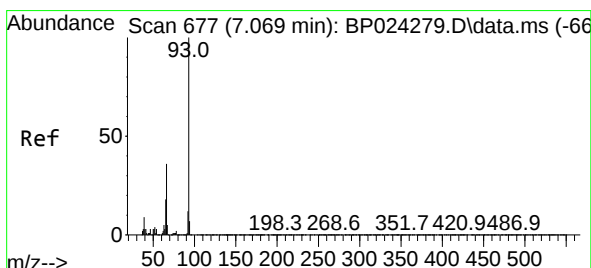
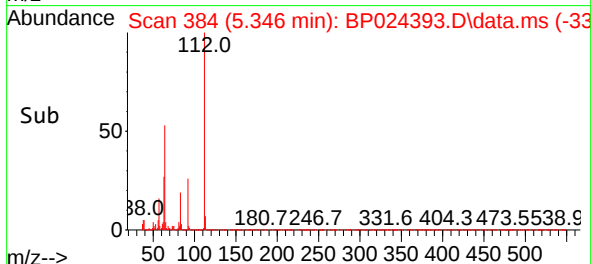
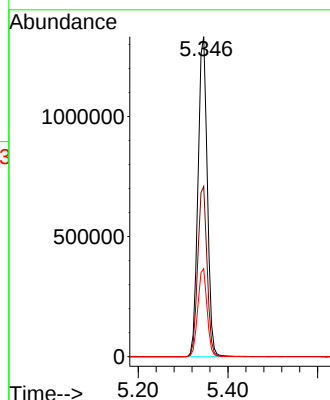
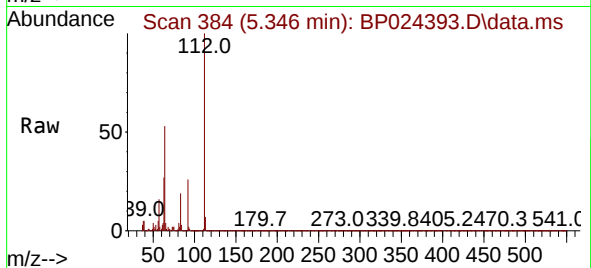




#5  
2-Fluorophenol  
Concen: 138.677 ng  
RT: 5.346 min Scan# 31  
Delta R.T. 0.000 min  
Lab File: BP024393.D  
Acq: 23 Apr 2025 12:46

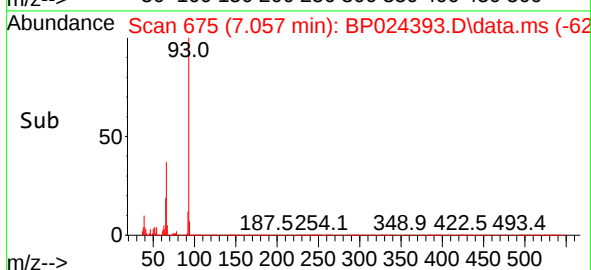
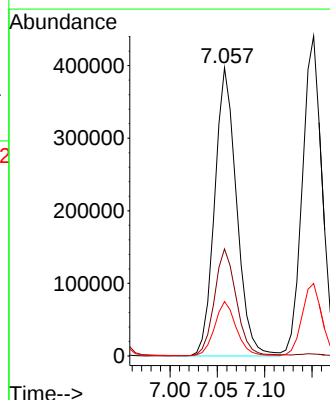
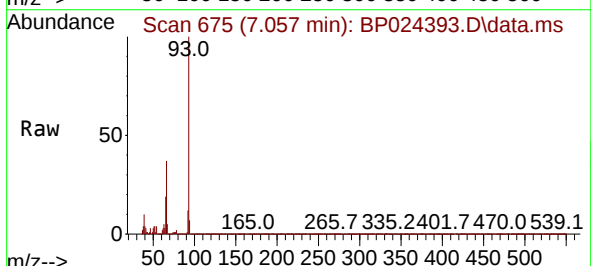
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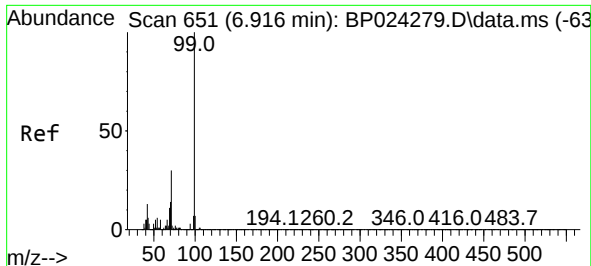
Tgt Ion:112 Resp: 1915784  
Ion Ratio Lower Upper  
112 100  
64 53.2 41.1 61.7  
63 27.5 20.6 30.8



#6  
Aniline  
Concen: 37.853 ng  
RT: 7.057 min Scan# 675  
Delta R.T. -0.006 min  
Lab File: BP024393.D  
Acq: 23 Apr 2025 12:46

Tgt Ion: 93 Resp: 639836  
Ion Ratio Lower Upper  
93 100  
66 37.1 29.1 43.7  
65 18.9 14.7 22.1



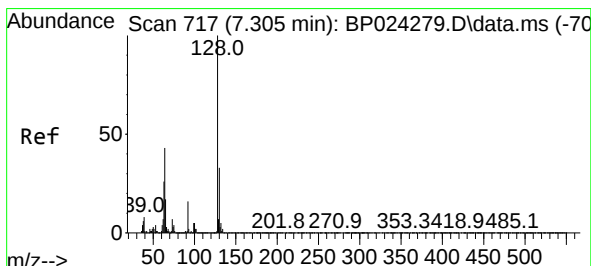
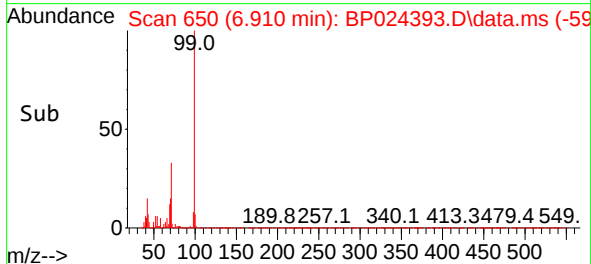
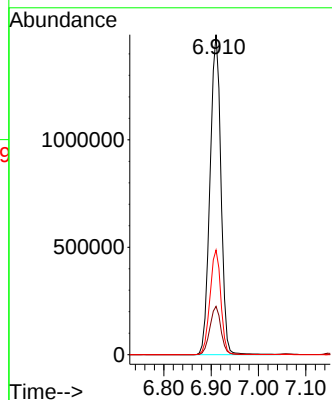
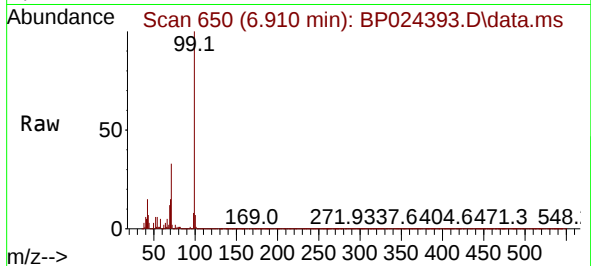


#7  
Phenol-d6  
Concen: 125.949 ng  
RT: 6.910 min Scan# 610  
Delta R.T. 0.000 min  
Lab File: BP024393.D  
Acq: 23 Apr 2025 12:46

Instrument :  
BNA\_P  
ClientSampleId :  
PB167700BS

Tgt Ion: 99 Resp: 2382484

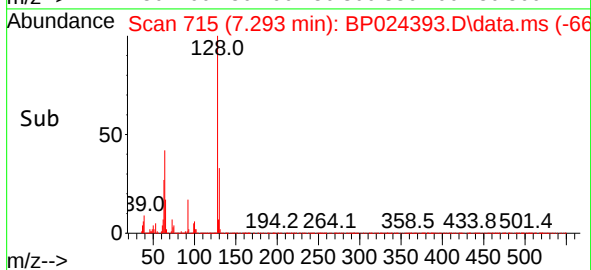
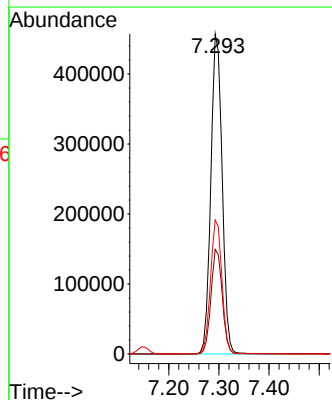
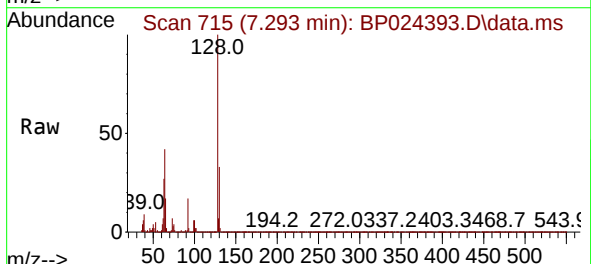
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|-----|-------|-------|-------|
| 99  | 100   |       |       |
| 42  | 15.1  | 10.6  | 16.0  |
| 71  | 32.7  | 23.7  | 35.5  |

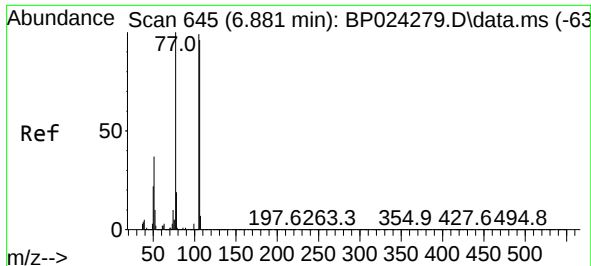


#8  
2-Chlorophenol  
Concen: 46.509 ng  
RT: 7.293 min Scan# 715  
Delta R.T. -0.006 min  
Lab File: BP024393.D  
Acq: 23 Apr 2025 12:46

Tgt Ion:128 Resp: 717346

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 128 | 100   |       |       |
| 130 | 32.7  | 12.9  | 52.9  |
| 64  | 41.9  | 22.7  | 62.7  |

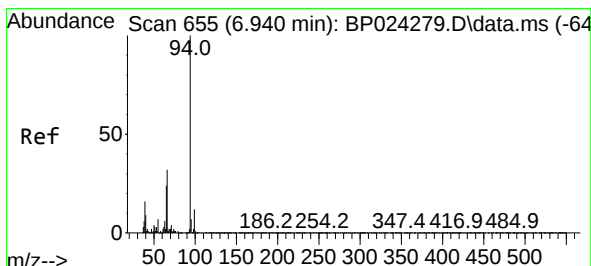
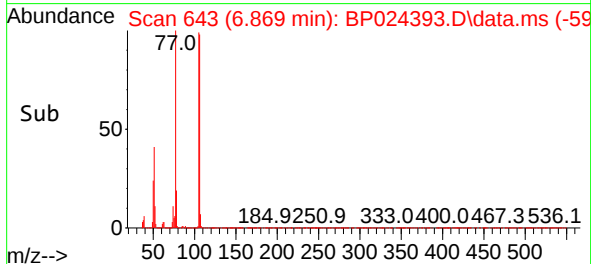
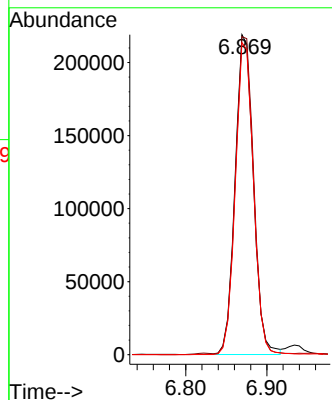
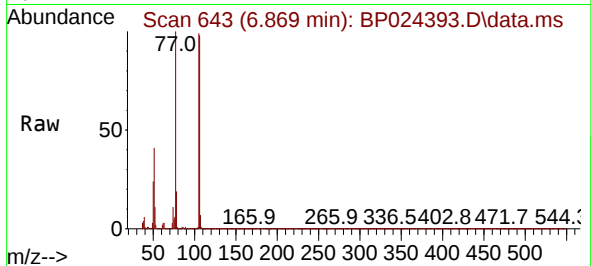




#9  
Benzaldehyde  
Concen: 36.477 ng  
RT: 6.869 min Scan# 64  
Delta R.T. -0.012 min  
Lab File: BP024393.D  
Acq: 23 Apr 2025 12:46

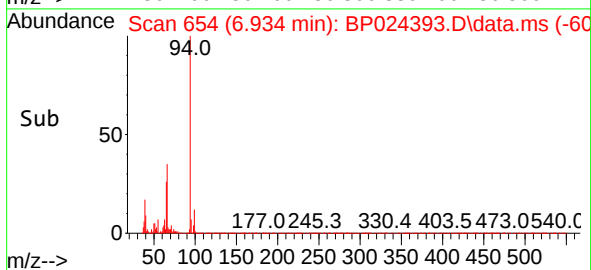
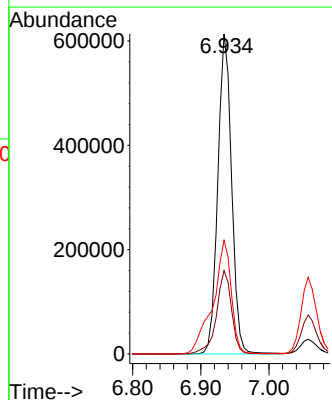
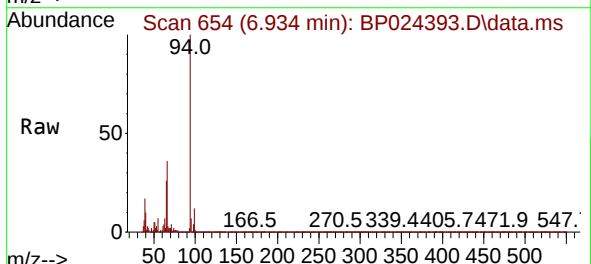
Instrument :  
BNA\_P  
ClientSampleId :  
PB167700BS

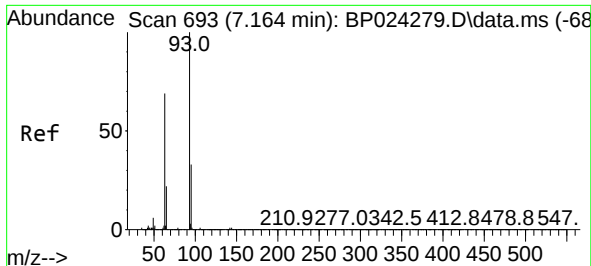
Tgt Ion: 77 Resp: 341320  
Ion Ratio Lower Upper  
77 100  
105 99.4 79.2 119.2  
106 97.5 76.2 116.2



#10  
Phenol  
Concen: 45.515 ng  
RT: 6.934 min Scan# 654  
Delta R.T. -0.006 min  
Lab File: BP024393.D  
Acq: 23 Apr 2025 12:46

Tgt Ion: 94 Resp: 863686  
Ion Ratio Lower Upper  
94 100  
65 26.0 4.5 44.5  
66 35.5 12.4 52.4

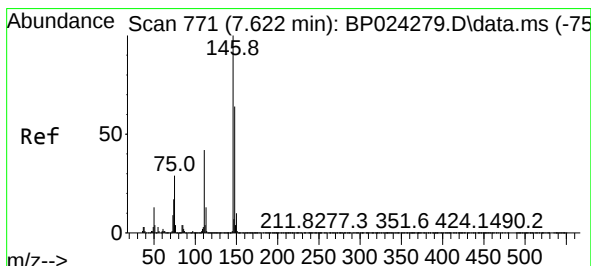
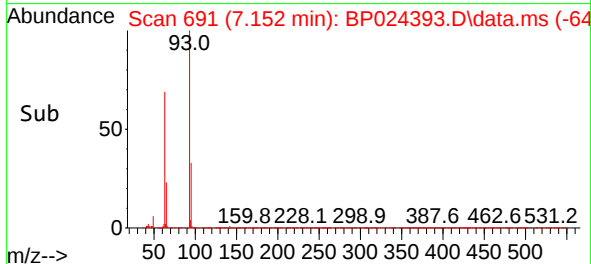
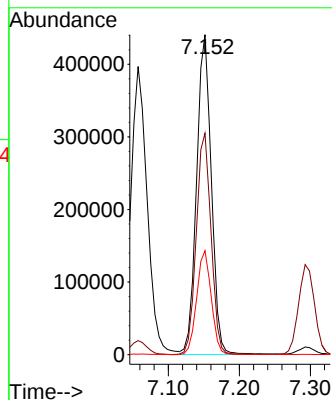
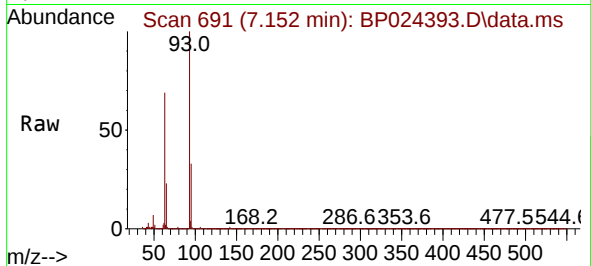




#11  
bis(2-Chloroethyl)ether  
Concen: 41.754 ng  
RT: 7.152 min Scan# 691  
Delta R.T. -0.006 min  
Lab File: BP024393.D  
Acq: 23 Apr 2025 12:46

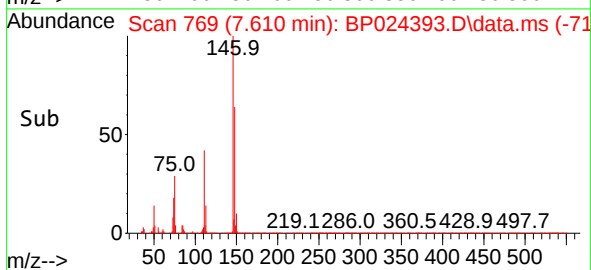
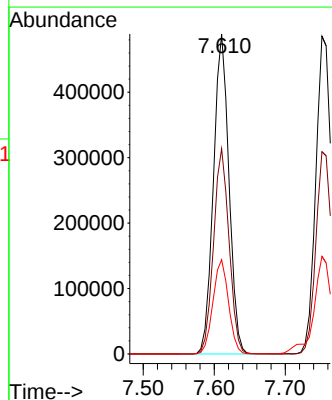
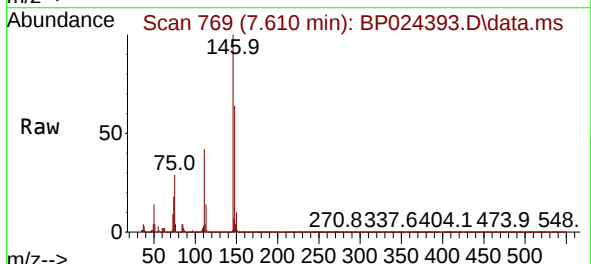
Instrument :  
BNA\_P  
ClientSampleId :  
PB167700BS

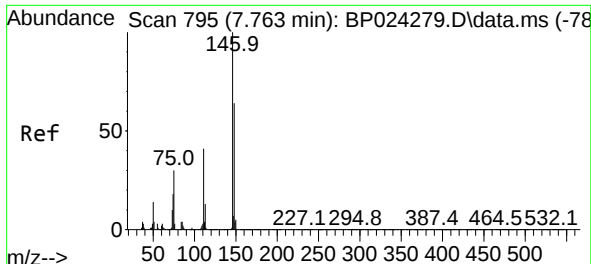
Tgt Ion: 93 Resp: 638376  
Ion Ratio Lower Upper  
93 100  
63 69.2 48.6 88.6  
95 32.5 12.3 52.3



#12  
1,3-Dichlorobenzene  
Concen: 44.530 ng  
RT: 7.610 min Scan# 769  
Delta R.T. -0.006 min  
Lab File: BP024393.D  
Acq: 23 Apr 2025 12:46

Tgt Ion:146 Resp: 739414  
Ion Ratio Lower Upper  
146 100  
148 64.1 51.4 77.0  
75 29.5 22.9 34.3

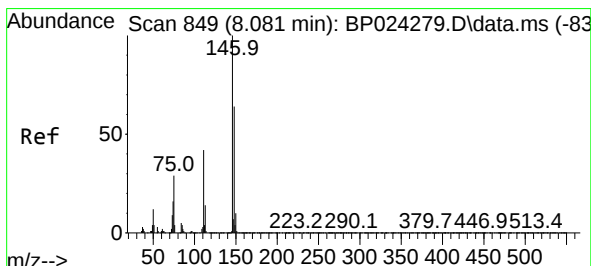
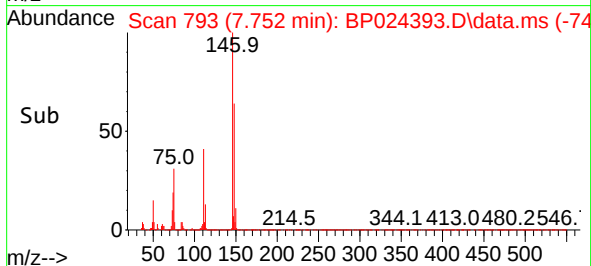
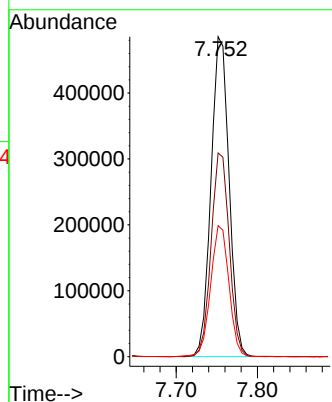
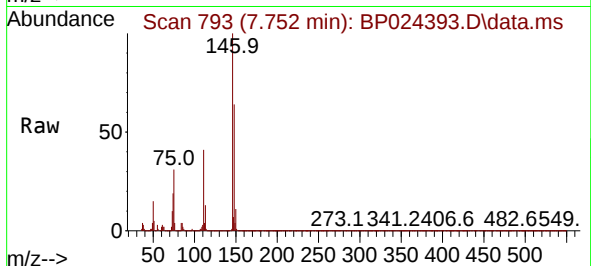




#13  
1,4-Dichlorobenzene  
Concen: 44.366 ng  
RT: 7.752 min Scan# 795  
Delta R.T. -0.006 min  
Lab File: BP024393.D  
Acq: 23 Apr 2025 12:46

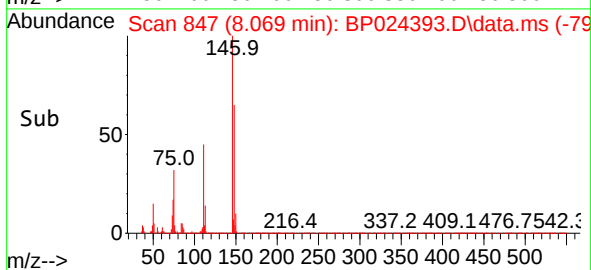
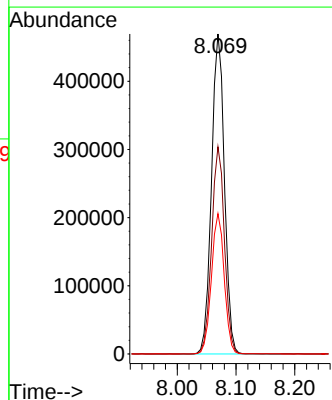
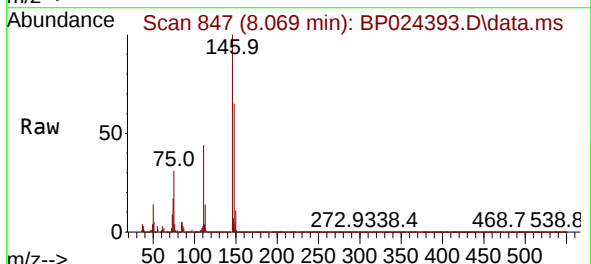
Instrument :  
BNA\_P  
ClientSampleId :  
PB167700BS

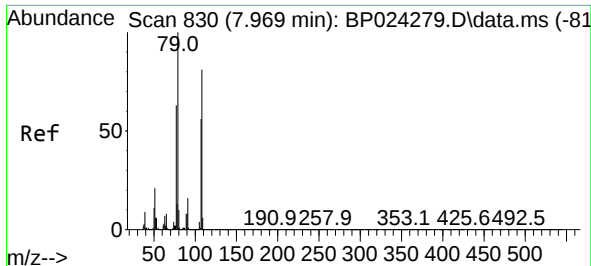
Tgt Ion:146 Resp: 747473  
Ion Ratio Lower Upper  
146 100  
148 63.7 51.1 76.7  
111 41.0 32.6 48.8



#14  
1,2-Dichlorobenzene  
Concen: 43.925 ng  
RT: 8.069 min Scan# 847  
Delta R.T. -0.006 min  
Lab File: BP024393.D  
Acq: 23 Apr 2025 12:46

Tgt Ion:146 Resp: 714587  
Ion Ratio Lower Upper  
146 100  
148 64.8 51.0 76.4  
111 43.8 33.8 50.8

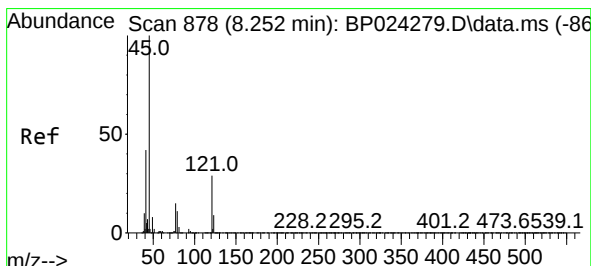
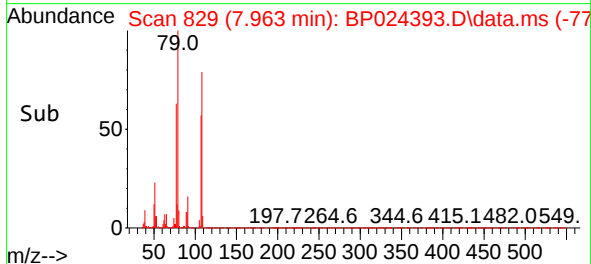
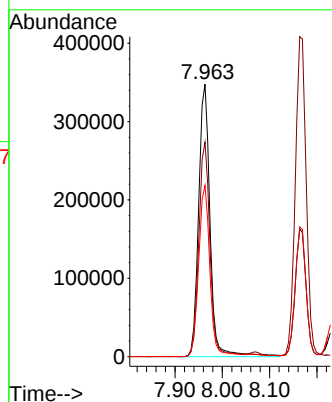
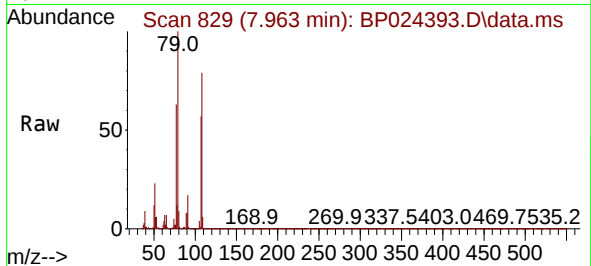




#15  
Benzyl Alcohol  
Concen: 47.712 ng  
RT: 7.963 min Scan# 81  
Delta R.T. 0.000 min  
Lab File: BP024393.D  
Acq: 23 Apr 2025 12:46

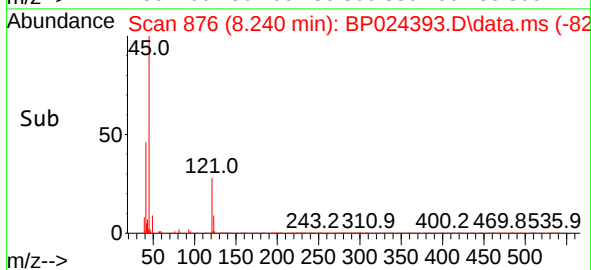
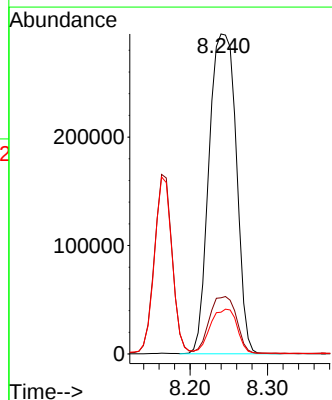
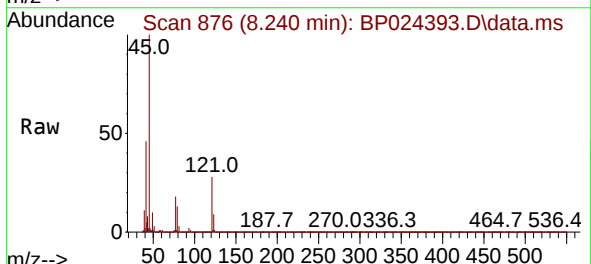
Instrument :  
BNA\_P  
ClientSampleId :  
PB167700BS

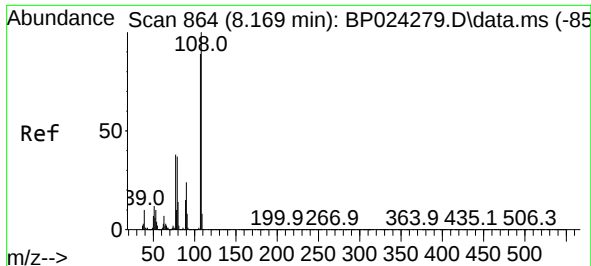
Tgt Ion: 79 Resp: 583663  
Ion Ratio Lower Upper  
79 100  
108 78.7 65.1 97.7  
77 62.8 50.7 76.1



#16  
2,2'-oxybis(1-Chloropropane)  
Concen: 43.414 ng  
RT: 8.240 min Scan# 876  
Delta R.T. -0.006 min  
Lab File: BP024393.D  
Acq: 23 Apr 2025 12:46

Tgt Ion: 45 Resp: 717444  
Ion Ratio Lower Upper  
45 100  
77 17.5 0.0 37.7  
79 13.1 0.0 33.5



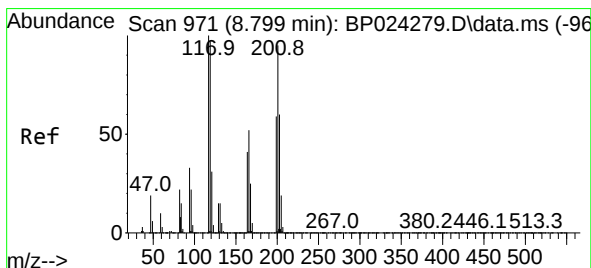
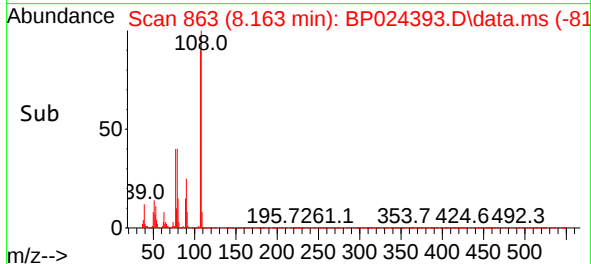
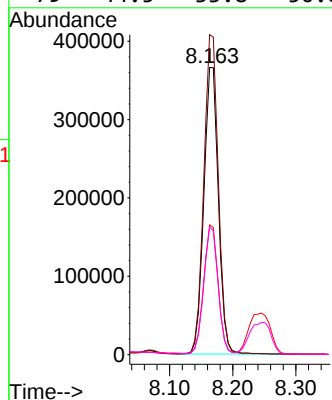
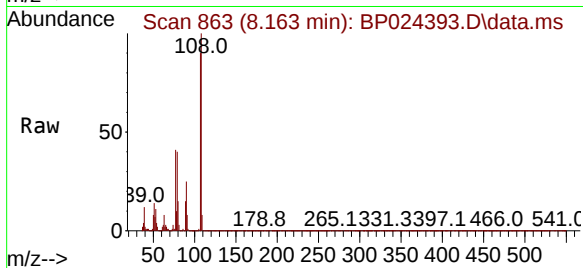


#17  
2-Methylphenol  
Concen: 47.654 ng  
RT: 8.163 min Scan# 80  
Delta R.T. -0.006 min  
Lab File: BP024393.D  
Acq: 23 Apr 2025 12:46

Instrument :  
BNA\_P  
ClientSampleId :  
PB167700BS

Tgt Ion:107 Resp: 584973

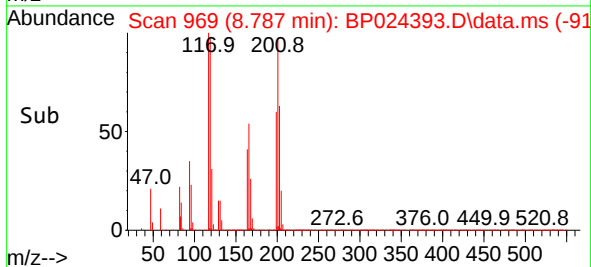
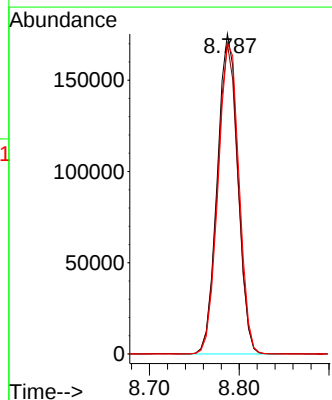
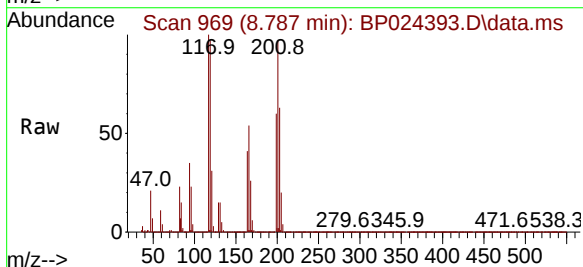
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 107 | 100   |       |       |
| 108 | 111.4 | 89.8  | 134.6 |
| 77  | 45.2  | 34.2  | 51.4  |
| 79  | 44.5  | 33.8  | 50.8  |



#18  
Hexachloroethane  
Concen: 45.948 ng  
RT: 8.787 min Scan# 969  
Delta R.T. -0.006 min  
Lab File: BP024393.D  
Acq: 23 Apr 2025 12:46

Tgt Ion:117 Resp: 279760

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 117 | 100   |       |       |
| 119 | 97.0  | 77.8  | 116.6 |
| 201 | 97.2  | 75.9  | 113.9 |

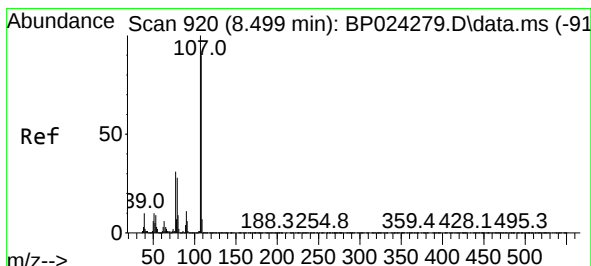
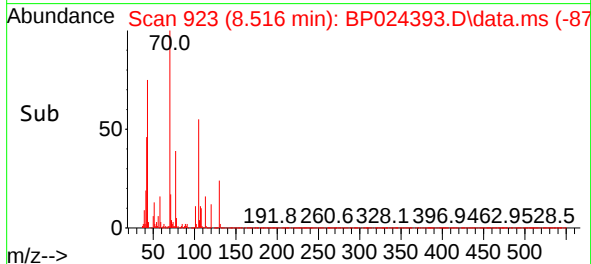
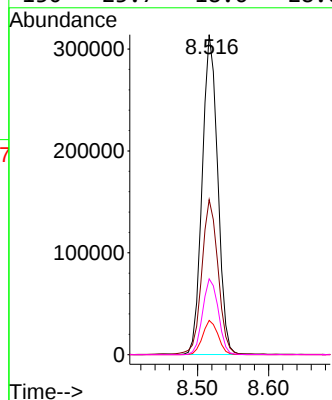
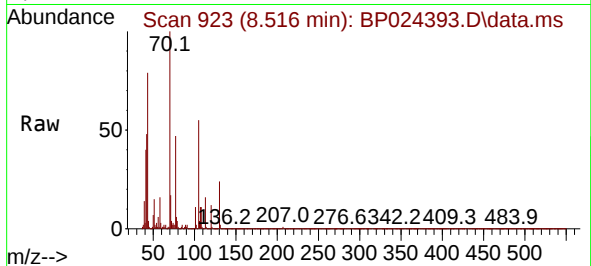




#19  
n-Nitroso-di-n-propylamine  
Concen: 40.823 ng  
RT: 8.516 min Scan# 918  
Delta R.T. -0.006 min  
Lab File: BP024393.D  
Acq: 23 Apr 2025 12:46

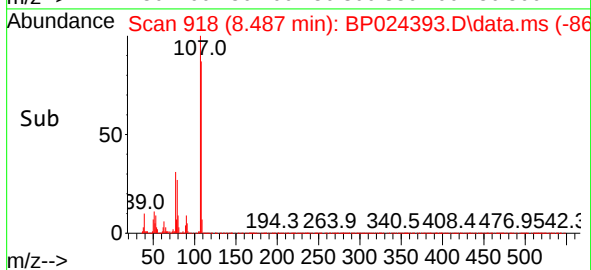
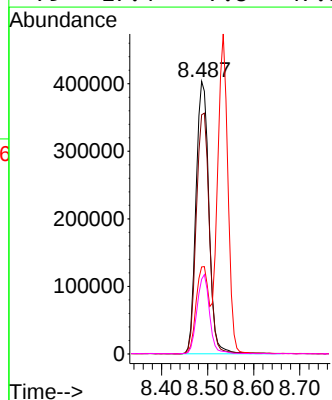
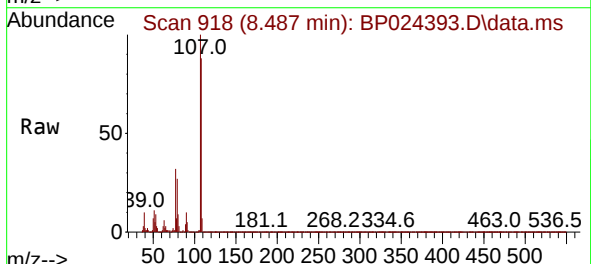
Instrument :  
BNA\_P  
ClientSampleId :  
PB167700BS

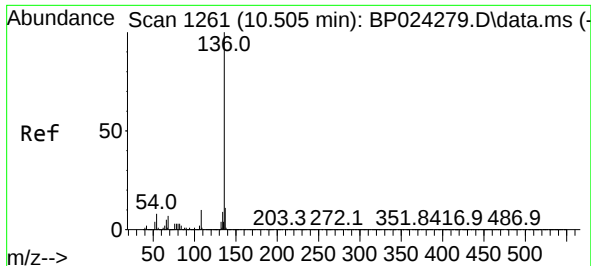
| Tgt Ion: | 70    | Resp: | 477742 |
|----------|-------|-------|--------|
| Ion      | Ratio | Lower | Upper  |
| 70       | 100   |       |        |
| 42       | 48.5  | 37.3  | 55.9   |
| 101      | 10.7  | 8.2   | 12.4   |
| 130      | 23.7  | 18.6  | 28.0   |



#20  
3+4-Methylphenols  
Concen: 46.122 ng  
RT: 8.487 min Scan# 918  
Delta R.T. -0.006 min  
Lab File: BP024393.D  
Acq: 23 Apr 2025 12:46

| Tgt Ion: | 107   | Resp: | 785578 |
|----------|-------|-------|--------|
| Ion      | Ratio | Lower | Upper  |
| 107      | 100   |       |        |
| 108      | 87.7  | 69.8  | 109.8  |
| 77       | 31.9  | 11.5  | 51.5   |
| 79       | 27.4  | 7.8   | 47.8   |

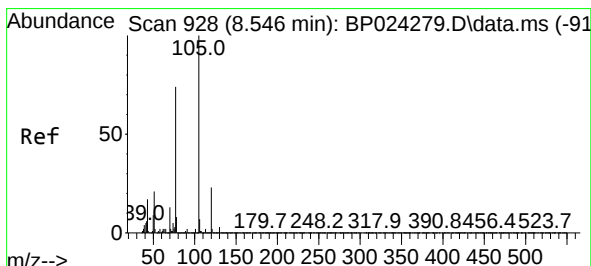
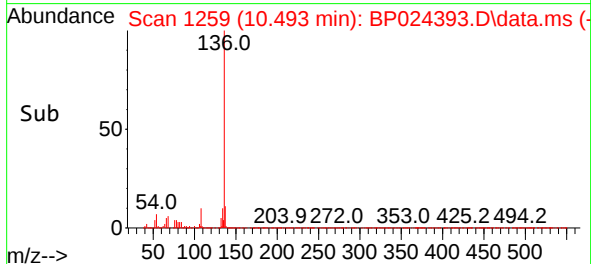
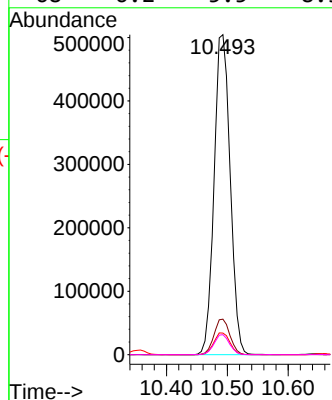
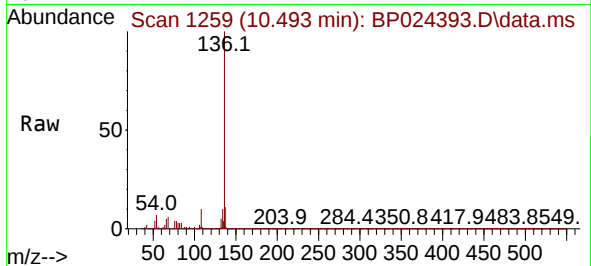




#21  
Naphthalene-d8  
Concen: 20.000 ng  
RT: 10.493 min Scan# 1259  
Delta R.T. -0.006 min  
Lab File: BP024393.D  
Acq: 23 Apr 2025 12:46

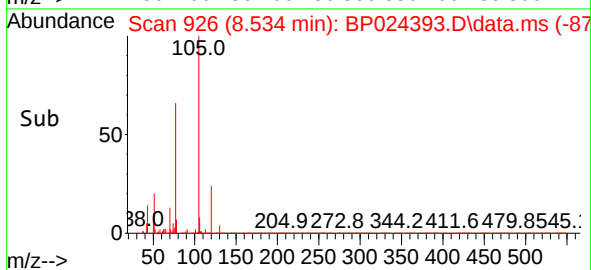
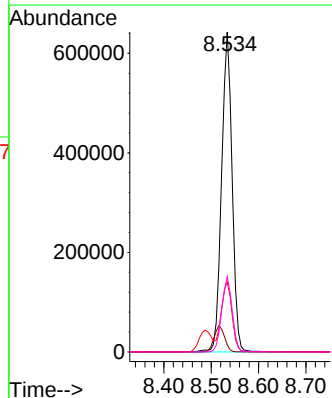
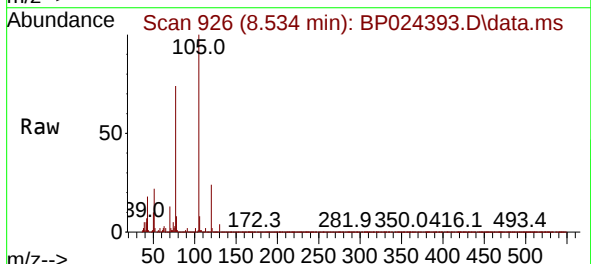
Instrument :  
BNA\_P  
ClientSampleId :  
PB167700BS

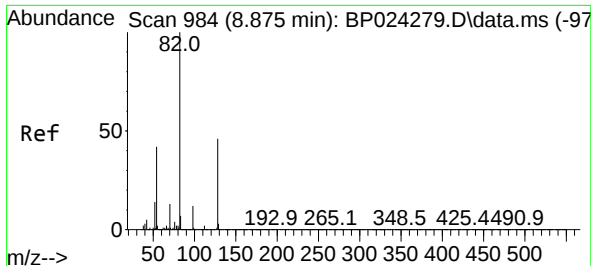
|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 136   | Resp: | 923996 |
| Ion      | Ratio | Lower | Upper  |
| 136      | 100   |       |        |
| 137      | 11.1  | 9.2   | 13.8   |
| 54       | 6.7   | 6.0   | 9.0    |
| 68       | 6.2   | 5.5   | 8.3    |



#22  
Acetophenone  
Concen: 43.462 ng  
RT: 8.534 min Scan# 926  
Delta R.T. -0.006 min  
Lab File: BP024393.D  
Acq: 23 Apr 2025 12:46

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 105   | Resp: | 993947 |
| Ion      | Ratio | Lower | Upper  |
| 105      | 100   |       |        |
| 71       | 2.2   | 1.7   | 2.5    |
| 51       | 21.9  | 16.9  | 25.3   |
| 120      | 23.6  | 18.6  | 28.0   |

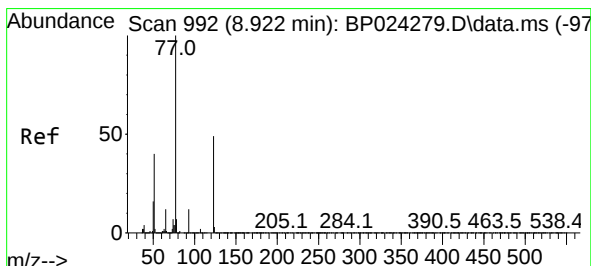
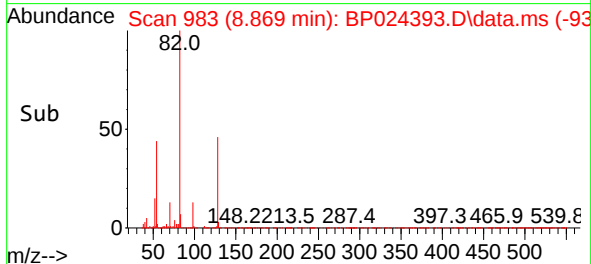
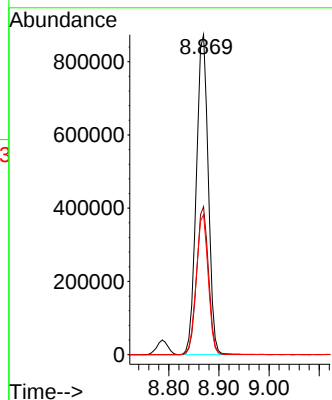
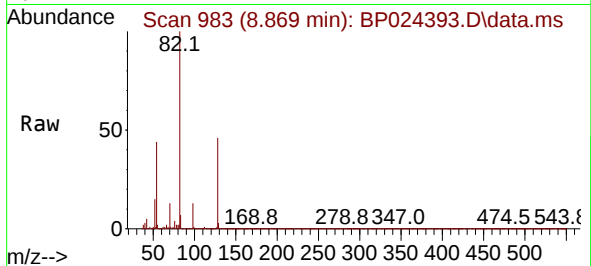




#23  
Nitrobenzene-d5  
Concen: 88.807 ng  
RT: 8.869 min Scan# 91  
Delta R.T. 0.000 min  
Lab File: BP024393.D  
Acq: 23 Apr 2025 12:46

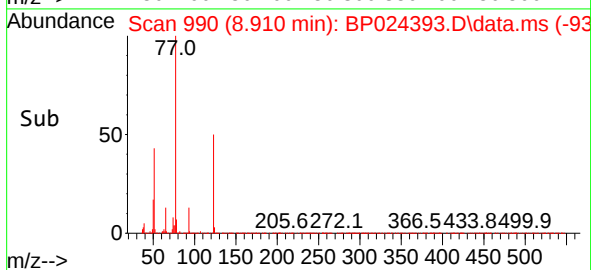
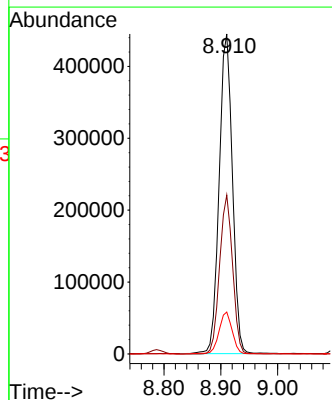
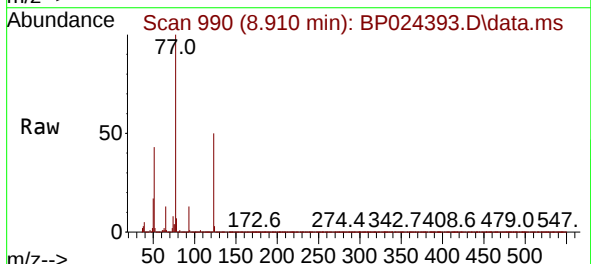
Instrument :  
BNA\_P  
ClientSampleId :  
PB167700BS

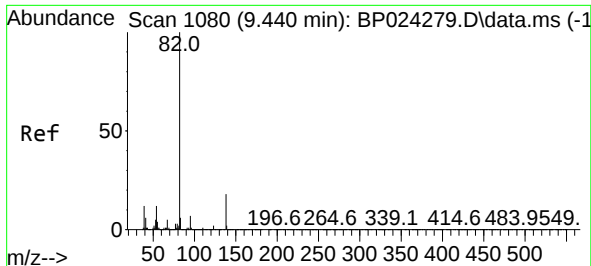
Tgt Ion: 82 Resp: 1439069  
Ion Ratio Lower Upper  
82 100  
128 46.3 36.5 54.7  
54 43.8 33.4 50.2



#24  
Nitrobenzene  
Concen: 44.985 ng  
RT: 8.910 min Scan# 990  
Delta R.T. 0.000 min  
Lab File: BP024393.D  
Acq: 23 Apr 2025 12:46

Tgt Ion: 77 Resp: 721129  
Ion Ratio Lower Upper  
77 100  
123 49.7 39.2 58.8  
65 13.1 9.8 14.6

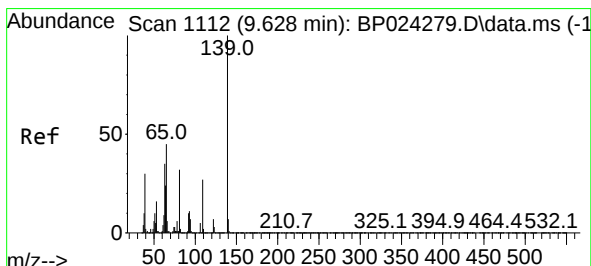
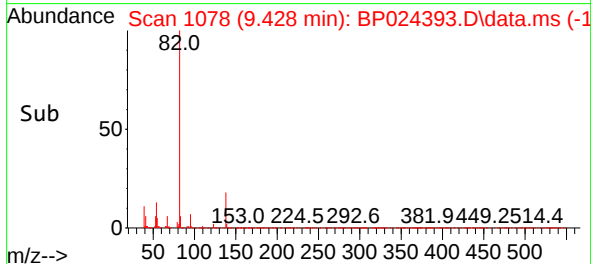
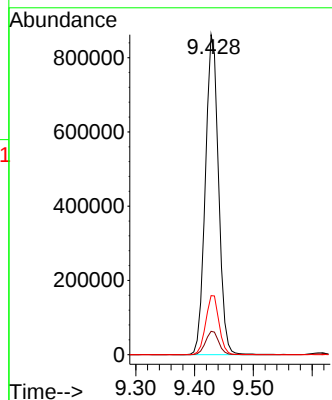
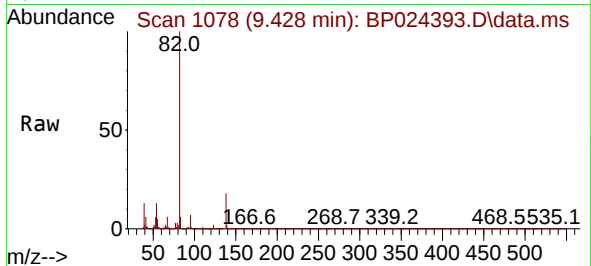




#25  
Isophorone  
Concen: 45.522 ng  
RT: 9.428 min Scan# 1109  
Delta R.T. 0.000 min  
Lab File: BP024393.D  
Acq: 23 Apr 2025 12:46

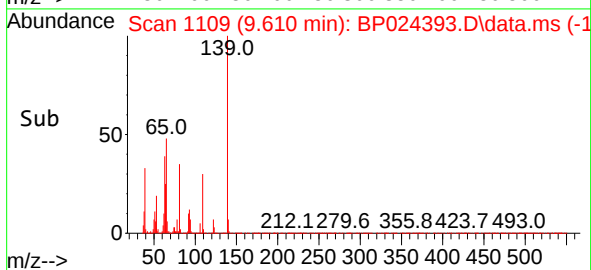
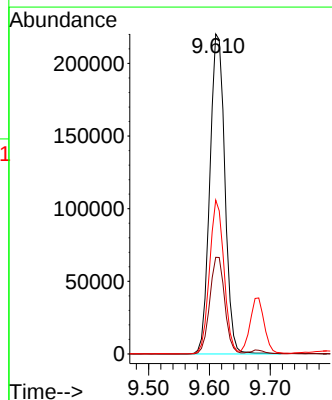
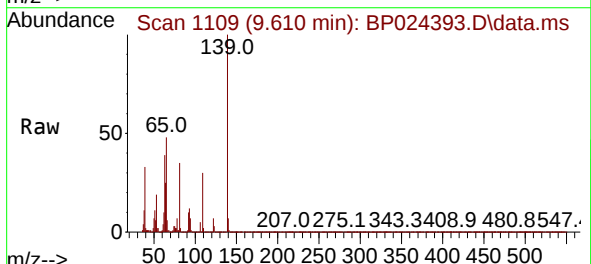
Instrument :  
BNA\_P  
ClientSampleId :  
PB167700BS

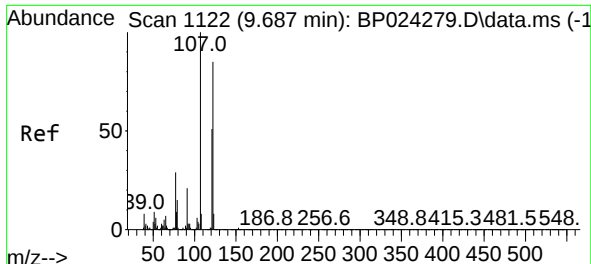
Tgt Ion: 82 Resp: 1335212  
Ion Ratio Lower Upper  
82 100  
95 7.3 5.4 8.2  
138 18.4 14.4 21.6



#26  
2-Nitrophenol  
Concen: 48.066 ng  
RT: 9.610 min Scan# 1109  
Delta R.T. -0.006 min  
Lab File: BP024393.D  
Acq: 23 Apr 2025 12:46

Tgt Ion: 139 Resp: 377067  
Ion Ratio Lower Upper  
139 100  
109 30.2 21.8 32.6  
65 48.1 36.2 54.2





#27

2,4-Dimethylphenol

Concen: 65.962 ng

RT: 9.681 min Scan# 1122

Delta R.T. 0.000 min

Lab File: BP024393.D

Acq: 23 Apr 2025 12:46

Instrument :

BNA\_P

ClientSampleId :

PB167700BS

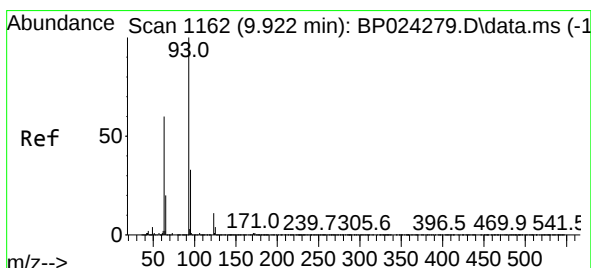
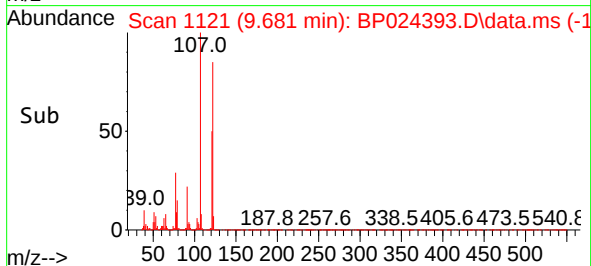
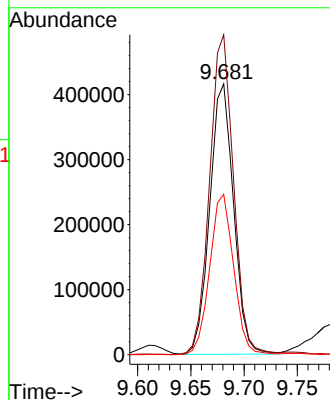
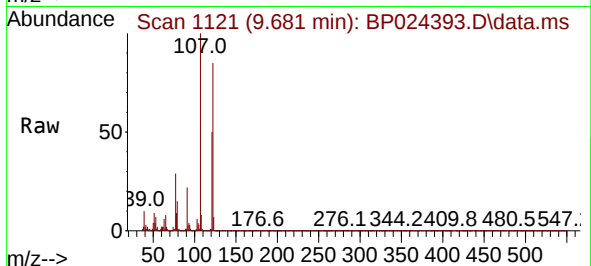
Tgt Ion:122 Resp: 649737

Ion Ratio Lower Upper

122 100

107 118.1 93.7 140.5

121 59.2 48.2 72.2



#28

bis(2-Chloroethoxy)methane

Concen: 43.232 ng

RT: 9.910 min Scan# 1160

Delta R.T. 0.000 min

Lab File: BP024393.D

Acq: 23 Apr 2025 12:46

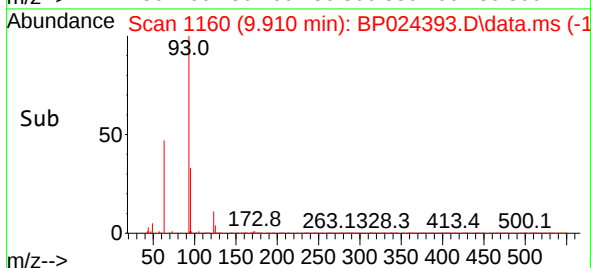
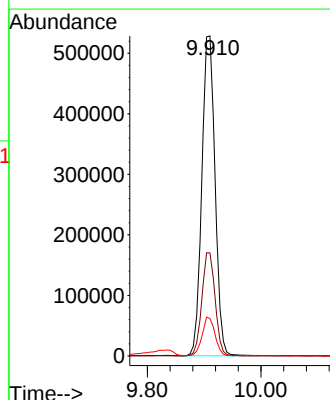
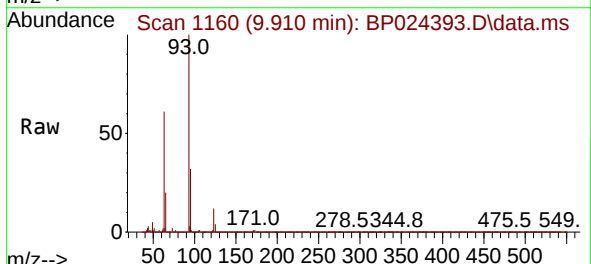
Tgt Ion: 93 Resp: 856622

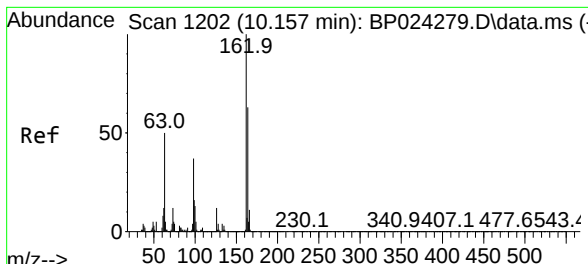
Ion Ratio Lower Upper

93 100

95 32.2 26.0 39.0

123 11.7 9.1 13.7

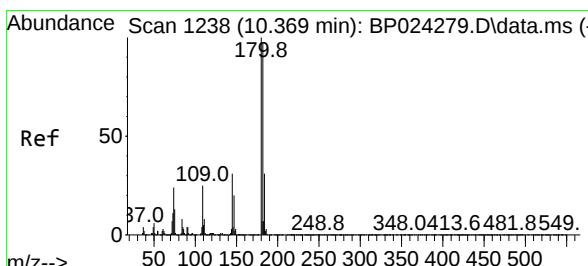
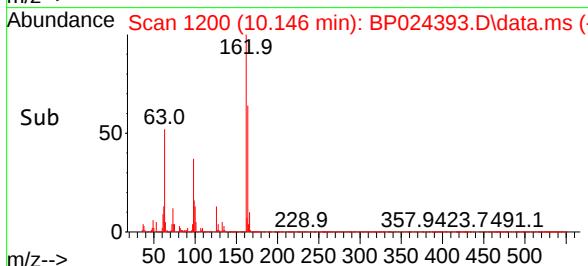
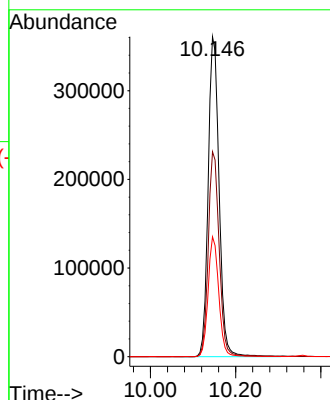
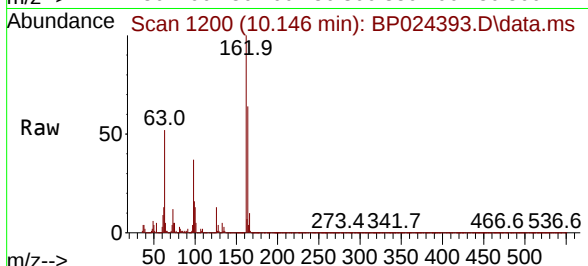




#29  
 2,4-Dichlorophenol  
 Concen: 47.691 ng  
 RT: 10.146 min Scan# 11  
 Delta R.T. -0.006 min  
 Lab File: BP024393.D  
 Acq: 23 Apr 2025 12:46

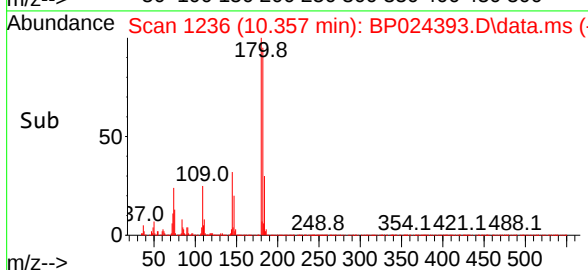
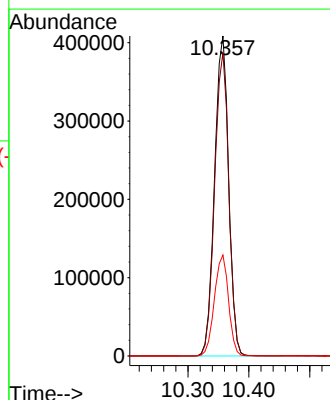
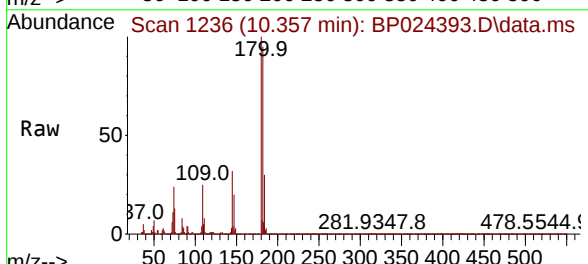
Instrument :  
 BNA\_P  
 ClientSampleId :  
 PB167700BS

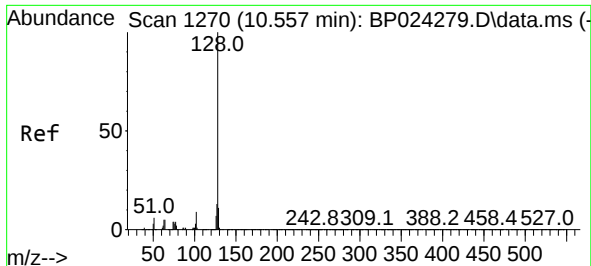
|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 162   | Resp: | 640518 |
| Ion      | Ratio | Lower | Upper  |
| 162      | 100   |       |        |
| 164      | 64.0  | 43.3  | 83.3   |
| 98       | 37.5  | 16.6  | 56.6   |



#30  
 1,2,4-Trichlorobenzene  
 Concen: 45.730 ng  
 RT: 10.357 min Scan# 1236  
 Delta R.T. -0.006 min  
 Lab File: BP024393.D  
 Acq: 23 Apr 2025 12:46

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 180   | Resp: | 658051 |
| Ion      | Ratio | Lower | Upper  |
| 180      | 100   |       |        |
| 182      | 94.8  | 77.3  | 115.9  |
| 145      | 31.6  | 25.1  | 37.7   |

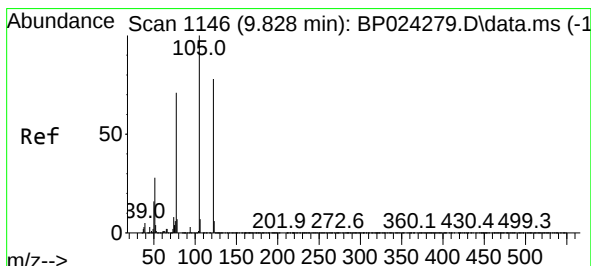
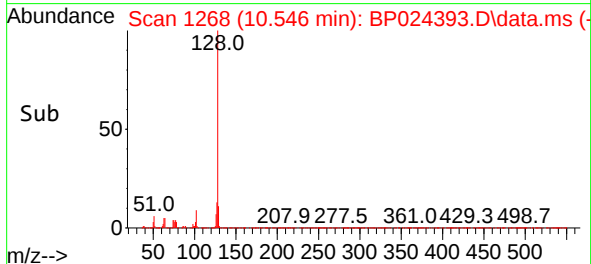
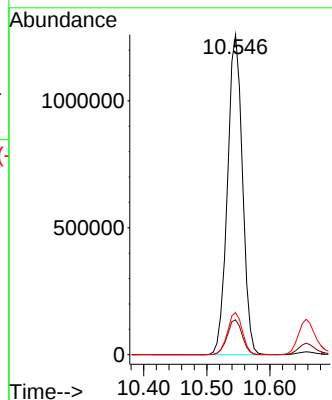
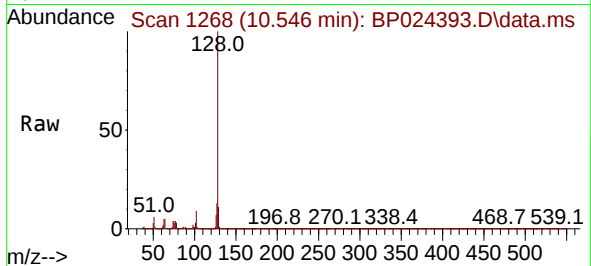




#31  
Naphthalene  
Concen: 42.534 ng  
RT: 10.546 min Scan# 1127  
Delta R.T. 0.000 min  
Lab File: BP024393.D  
Acq: 23 Apr 2025 12:46

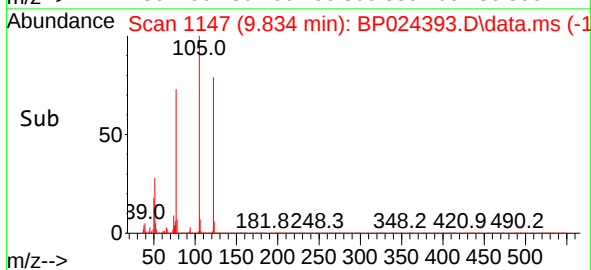
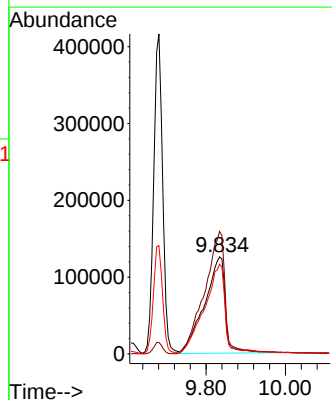
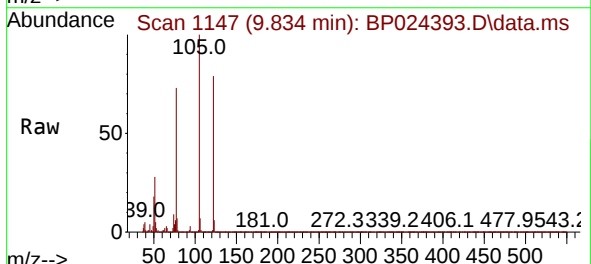
Instrument :  
BNA\_P  
ClientSampleId :  
PB167700BS

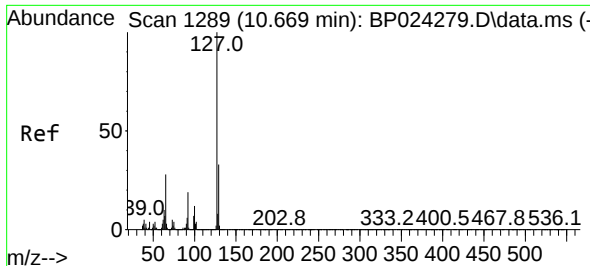
Tgt Ion:128 Resp: 2070217  
Ion Ratio Lower Upper  
128 100  
129 10.9 8.6 13.0  
127 13.2 10.3 15.5



#32  
Benzoic acid  
Concen: 39.854 ng  
RT: 9.834 min Scan# 1147  
Delta R.T. 0.012 min  
Lab File: BP024393.D  
Acq: 23 Apr 2025 12:46

Tgt Ion:122 Resp: 457424  
Ion Ratio Lower Upper  
122 100  
105 126.2 104.8 144.8  
77 92.5 69.2 109.2

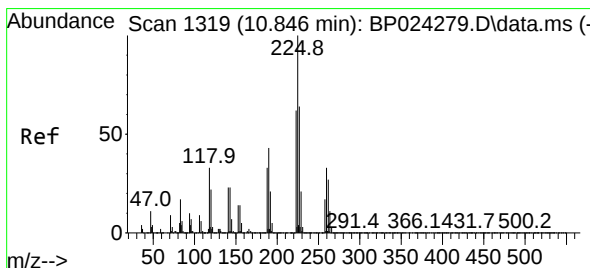
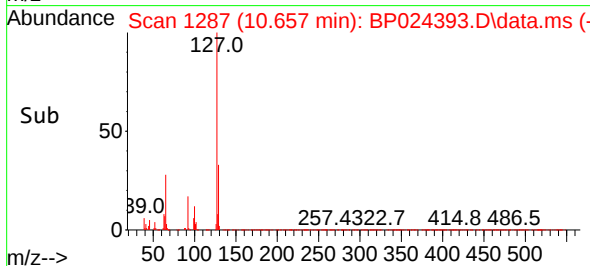
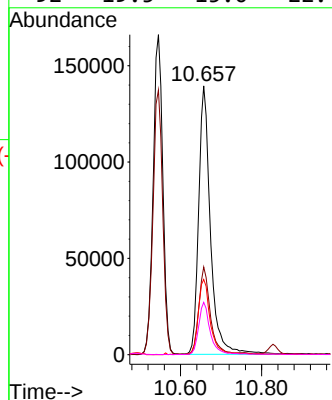
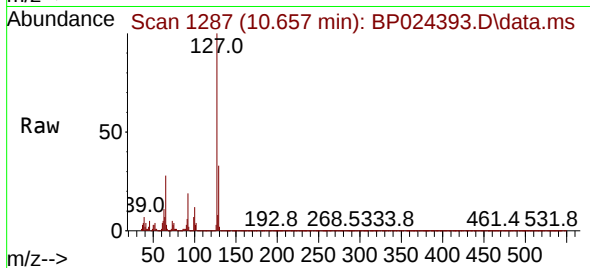




#33  
4-Chloroaniline  
Concen: 16.534 ng  
RT: 10.657 min Scan# 11  
Delta R.T. -0.006 min  
Lab File: BP024393.D  
Acq: 23 Apr 2025 12:46

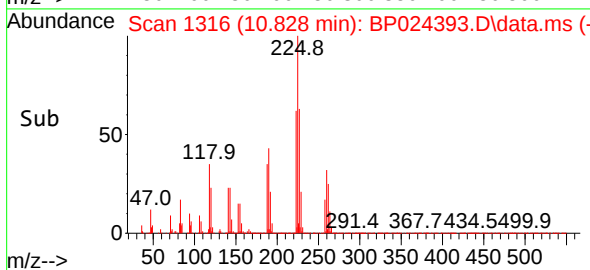
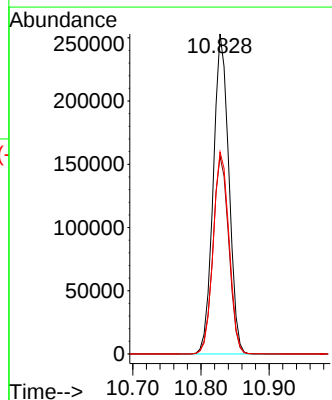
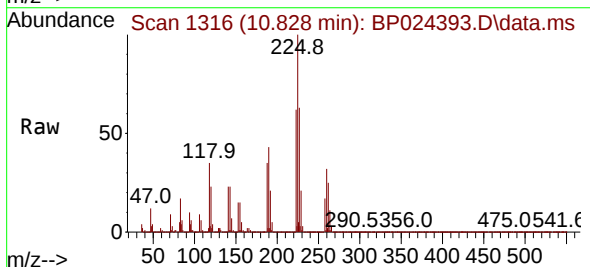
Instrument :  
BNA\_P  
ClientSampleId :  
PB167700BS

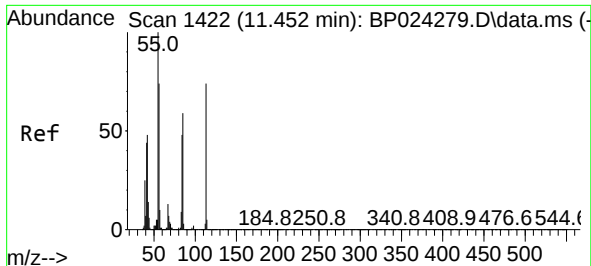
|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 127   | Resp: | 283400 |
| Ion      | Ratio | Lower | Upper  |
| 127      | 100   |       |        |
| 129      | 32.6  | 26.1  | 39.1   |
| 65       | 28.0  | 22.1  | 33.1   |
| 92       | 19.5  | 15.0  | 22.4   |



#34  
Hexachlorobutadiene  
Concen: 47.609 ng  
RT: 10.828 min Scan# 1316  
Delta R.T. 0.000 min  
Lab File: BP024393.D  
Acq: 23 Apr 2025 12:46

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 225   | Resp: | 402576 |
| Ion      | Ratio | Lower | Upper  |
| 225      | 100   |       |        |
| 223      | 61.7  | 49.5  | 74.3   |
| 227      | 63.2  | 50.9  | 76.3   |

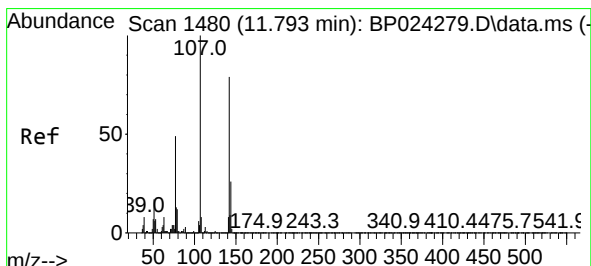
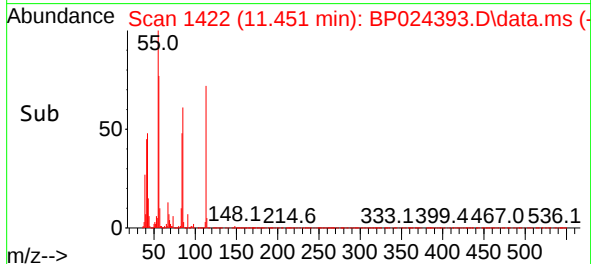
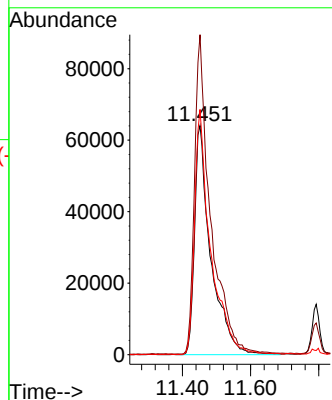
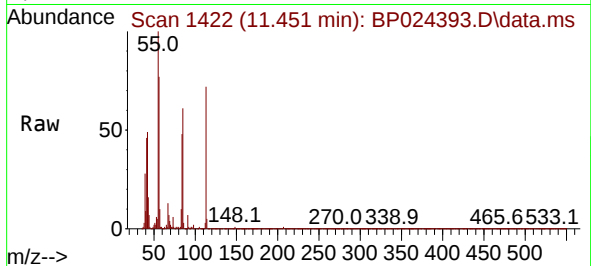




#35  
Caprolactam  
Concen: 42.711 ng  
RT: 11.451 min Scan# 1422  
Delta R.T. 0.006 min  
Lab File: BP024393.D  
Acq: 23 Apr 2025 12:46

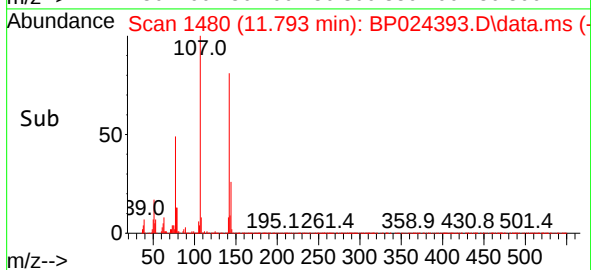
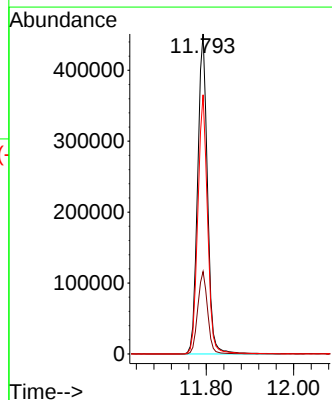
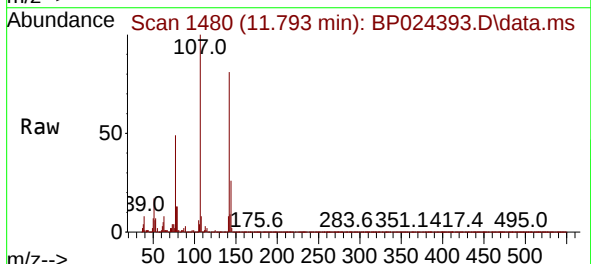
Instrument :  
BNA\_P  
ClientSampleId :  
PB167700BS

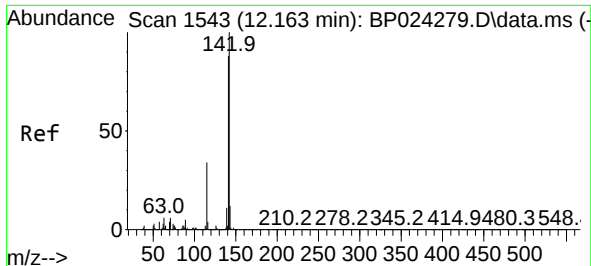
Tgt Ion:113 Resp: 211663  
Ion Ratio Lower Upper  
113 100  
55 139.7 115.9 155.9  
56 107.1 81.1 121.1



#36  
4-Chloro-3-methylphenol  
Concen: 45.169 ng  
RT: 11.793 min Scan# 1480  
Delta R.T. 0.000 min  
Lab File: BP024393.D  
Acq: 23 Apr 2025 12:46

Tgt Ion:107 Resp: 706611  
Ion Ratio Lower Upper  
107 100  
144 25.8 20.5 30.7  
142 81.0 63.4 95.2

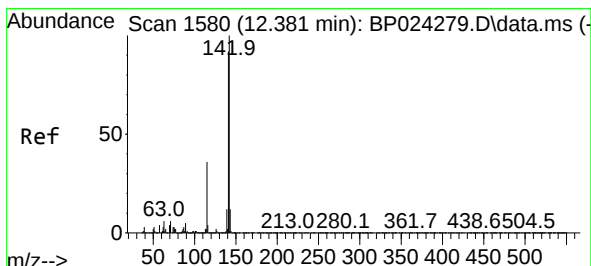
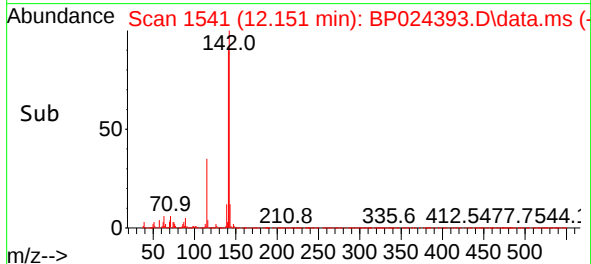
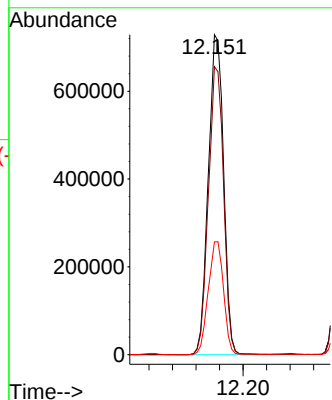
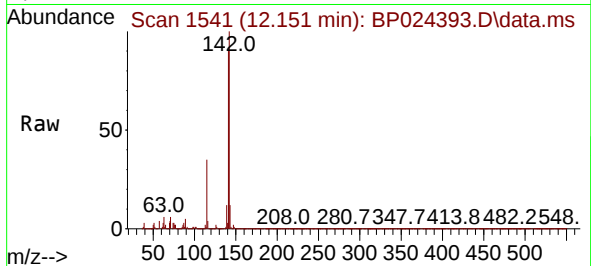




#37  
2-Methylnaphthalene  
Concen: 38.860 ng  
RT: 12.151 min Scan# 1541  
Delta R.T. -0.006 min  
Lab File: BP024393.D  
Acq: 23 Apr 2025 12:46

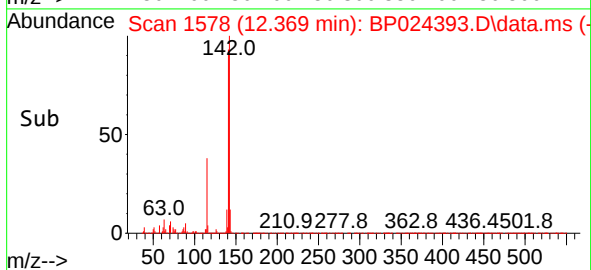
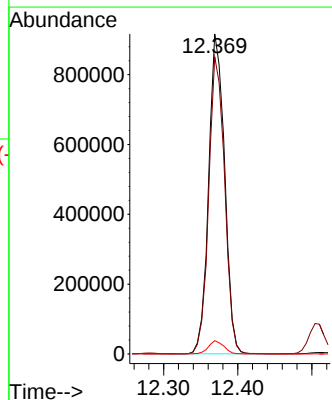
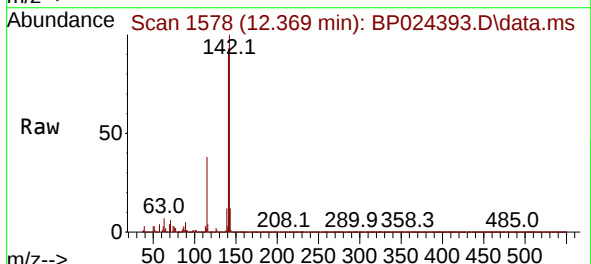
Instrument :  
BNA\_P  
ClientSampleId :  
PB167700BS

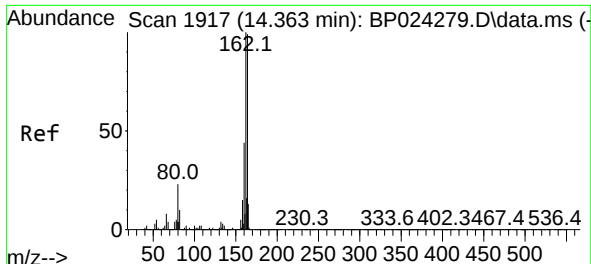
Tgt Ion:142 Resp: 1311735  
Ion Ratio Lower Upper  
142 100  
141 90.0 70.3 105.5  
115 35.3 26.9 40.3



#38  
1-Methylnaphthalene  
Concen: 41.480 ng  
RT: 12.369 min Scan# 1578  
Delta R.T. -0.006 min  
Lab File: BP024393.D  
Acq: 23 Apr 2025 12:46

Tgt Ion:142 Resp: 1369757  
Ion Ratio Lower Upper  
142 100  
141 92.8 73.6 110.4  
116 4.1 3.0 4.6

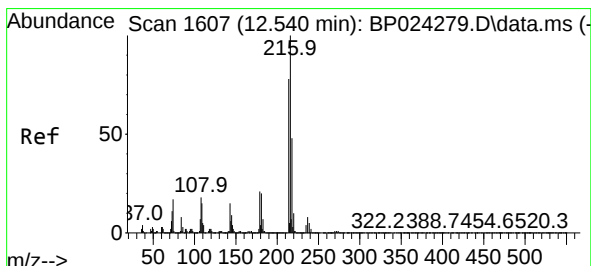
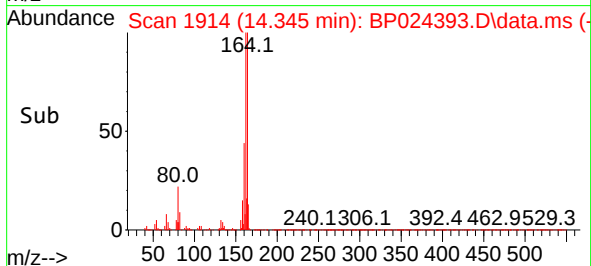
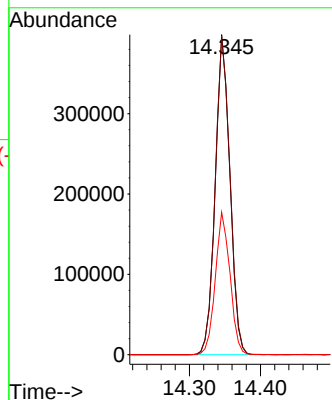
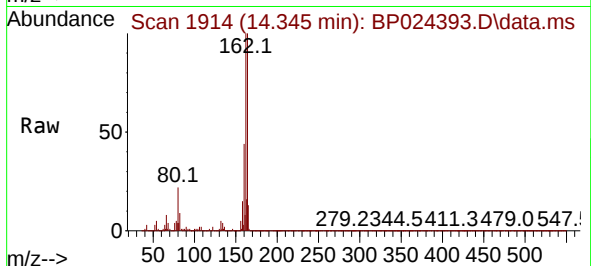




#39  
Acenaphthene-d10  
Concen: 20.000 ng  
RT: 14.345 min Scan# 1917  
Delta R.T. -0.006 min  
Lab File: BP024393.D  
Acq: 23 Apr 2025 12:46

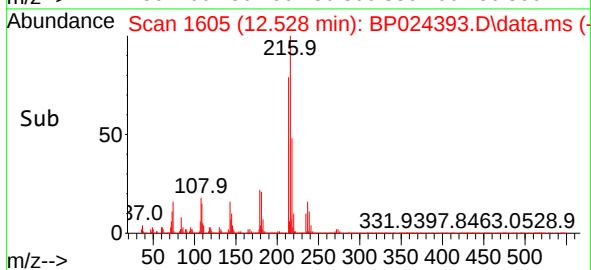
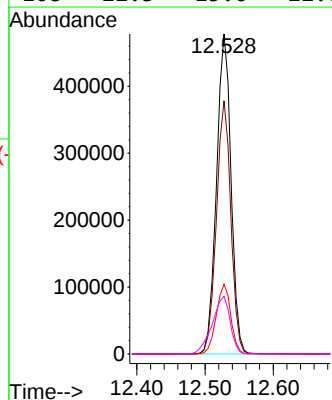
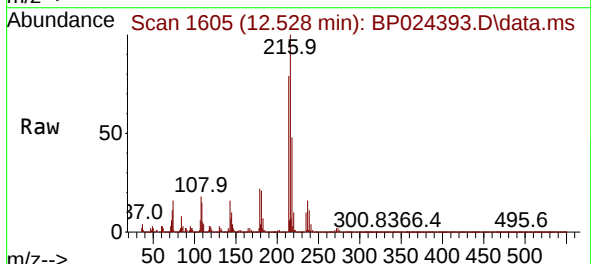
Instrument :  
BNA\_P  
ClientSampleId :  
PB167700BS

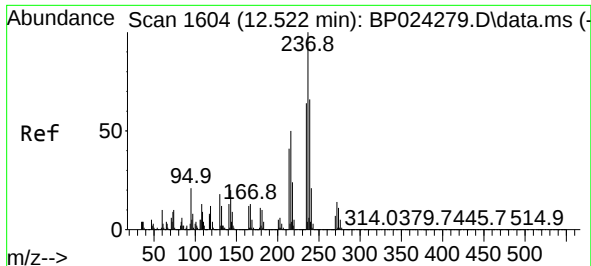
Tgt Ion:164 Resp: 569624  
Ion Ratio Lower Upper  
164 100  
162 99.5 80.6 120.8  
160 44.5 35.3 52.9



#40  
1,2,4,5-Tetrachlorobenzene  
Concen: 45.198 ng  
RT: 12.528 min Scan# 1605  
Delta R.T. 0.000 min  
Lab File: BP024393.D  
Acq: 23 Apr 2025 12:46

Tgt Ion:216 Resp: 708023  
Ion Ratio Lower Upper  
216 100  
214 78.7 62.6 93.8  
179 21.9 17.2 25.8  
108 22.3 15.0 22.6

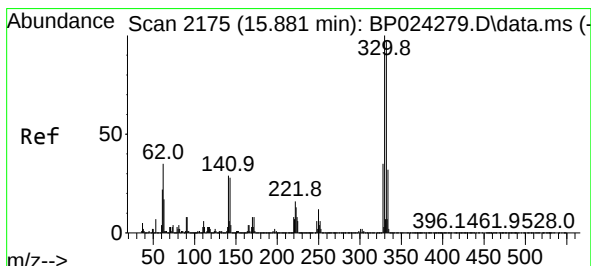
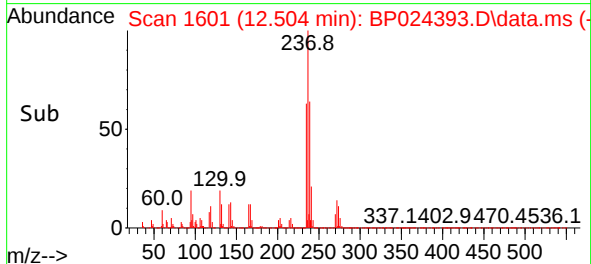
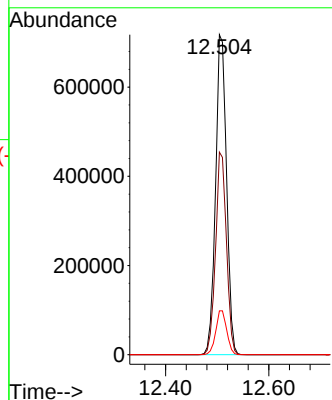
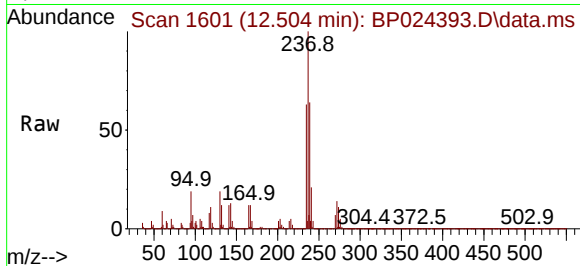




#41  
Hexachlorocyclopentadiene  
Concen: 190.199 ng  
RT: 12.504 min Scan# 1  
Delta R.T. -0.006 min  
Lab File: BP024393.D  
Acq: 23 Apr 2025 12:46

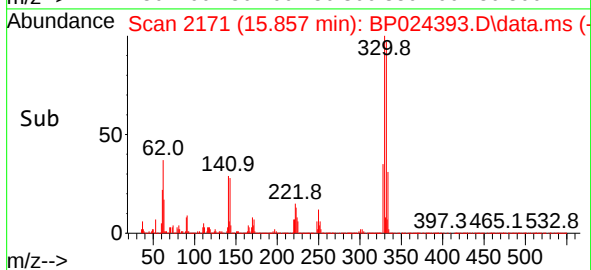
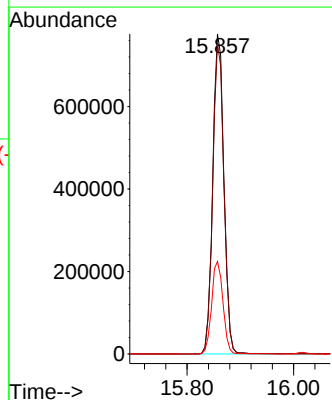
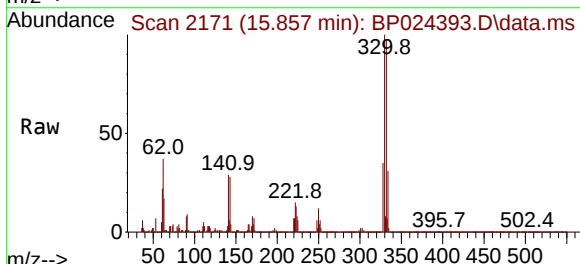
Instrument :  
BNA\_P  
ClientSampleId :  
PB167700BS

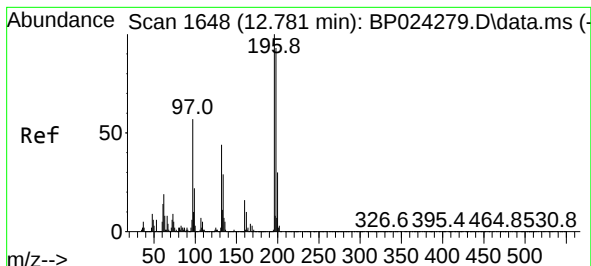
Tgt Ion:237 Resp: 1053739  
Ion Ratio Lower Upper  
237 100  
235 63.3 43.9 83.9  
272 13.7 0.0 33.6



#42  
2,4,6-Tribromophenol  
Concen: 143.235 ng  
RT: 15.857 min Scan# 2171  
Delta R.T. -0.006 min  
Lab File: BP024393.D  
Acq: 23 Apr 2025 12:46

Tgt Ion:330 Resp: 1128841  
Ion Ratio Lower Upper  
330 100  
332 96.9 77.1 115.7  
141 29.4 24.7 37.1





#43

2,4,6-Trichlorophenol

Concen: 48.407 ng

RT: 12.769 min Scan# 1

Delta R.T. -0.006 min

Lab File: BP024393.D

Acq: 23 Apr 2025 12:46

Instrument :

BNA\_P

ClientSampleId :

PB167700BS

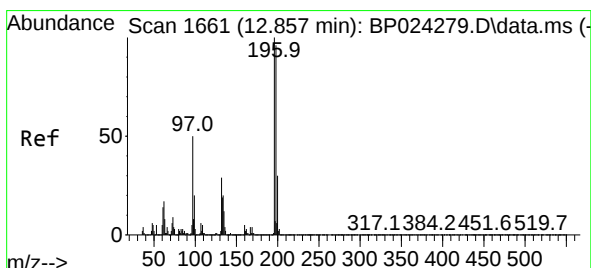
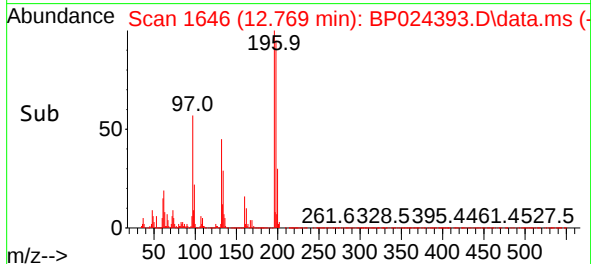
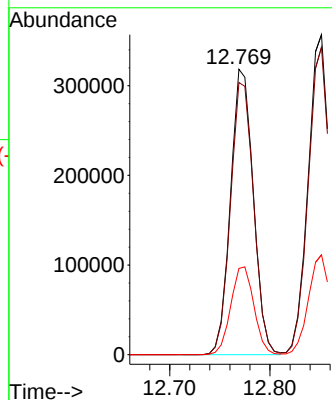
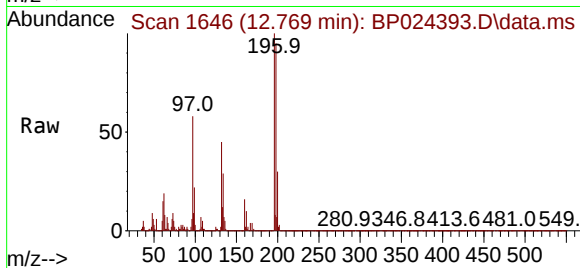
Tgt Ion:196 Resp: 504147

Ion Ratio Lower Upper

196 100

198 95.3 74.3 111.5

200 30.2 24.0 36.0



#44

2,4,5-Trichlorophenol

Concen: 47.432 ng

RT: 12.851 min Scan# 1660

Delta R.T. -0.006 min

Lab File: BP024393.D

Acq: 23 Apr 2025 12:46

Tgt Ion:196 Resp: 547035

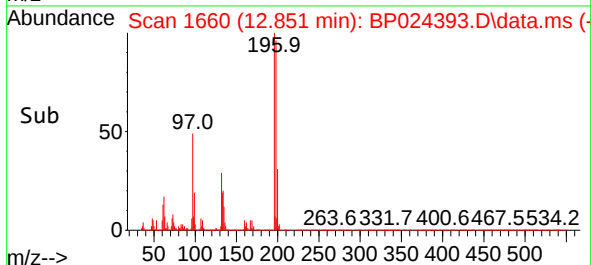
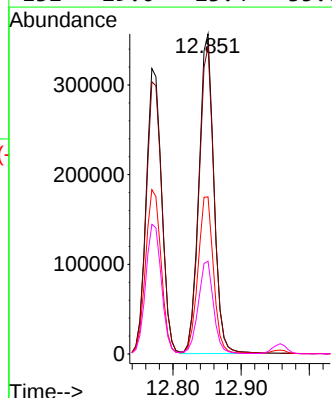
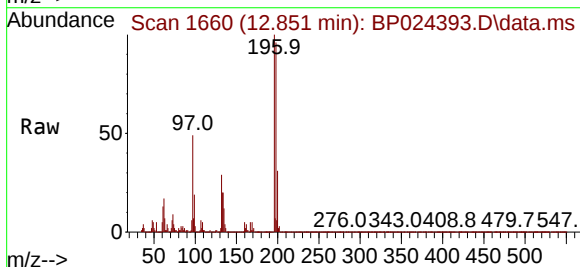
Ion Ratio Lower Upper

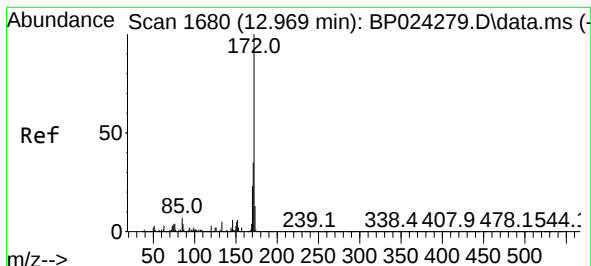
196 100

198 96.1 77.3 115.9

97 49.1 40.4 60.6

132 29.0 23.4 35.0





#45

2-Fluorobiphenyl

Concen: 88.701 ng

RT: 12.957 min Scan# 1

Delta R.T. -0.006 min

Lab File: BP024393.D

Acq: 23 Apr 2025 12:46

Instrument :

BNA\_P

ClientSampleId :

PB167700BS

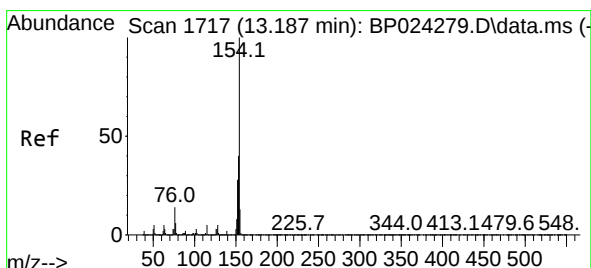
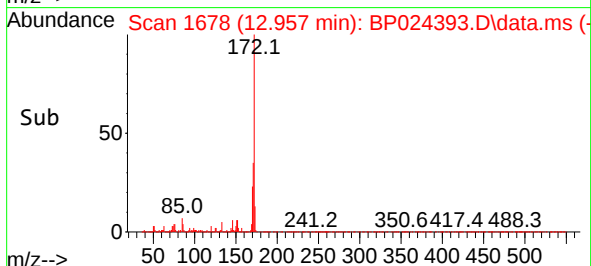
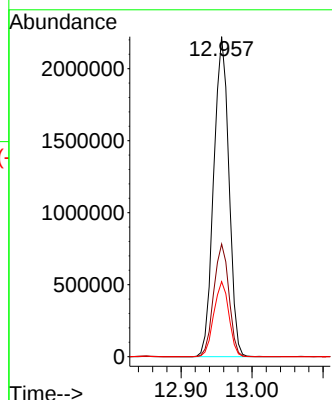
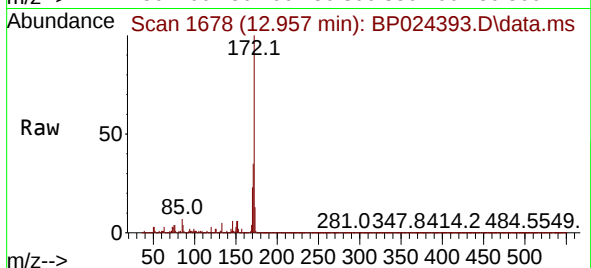
Tgt Ion:172 Resp: 3299962

Ion Ratio Lower Upper

172 100

171 35.2 28.2 42.2

170 23.5 18.6 27.8



#46

1,1'-Biphenyl

Concen: 43.837 ng

RT: 13.175 min Scan# 1715

Delta R.T. -0.000 min

Lab File: BP024393.D

Acq: 23 Apr 2025 12:46

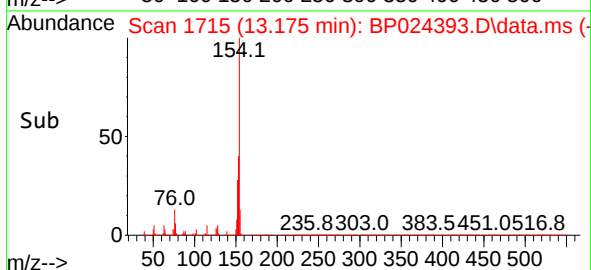
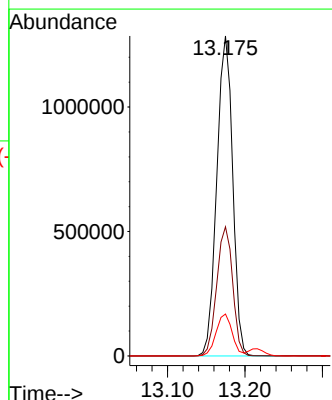
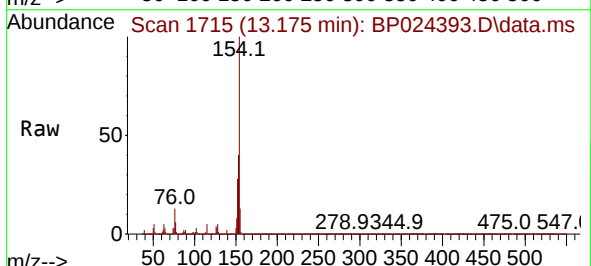
Tgt Ion:154 Resp: 1835465

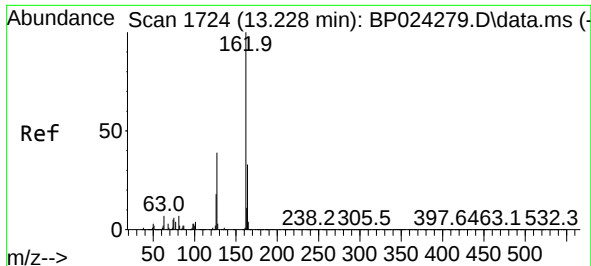
Ion Ratio Lower Upper

154 100

153 40.4 20.3 60.3

76 13.1 0.0 33.5

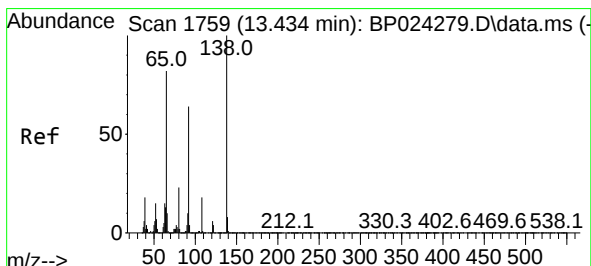
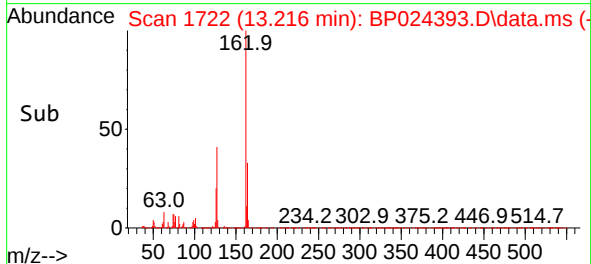
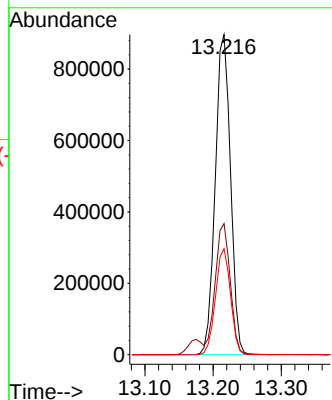
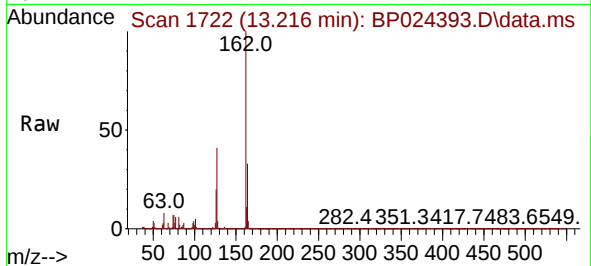




#47  
2-Chloronaphthalene  
Concen: 44.660 ng  
RT: 13.216 min Scan# 11  
Delta R.T. 0.000 min  
Lab File: BP024393.D  
Acq: 23 Apr 2025 12:46

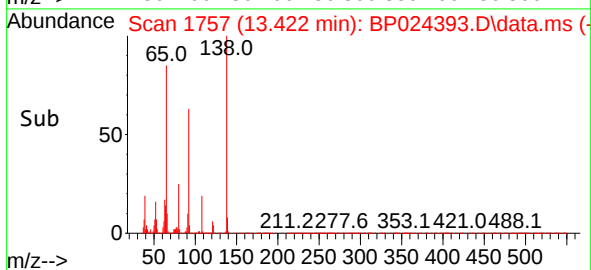
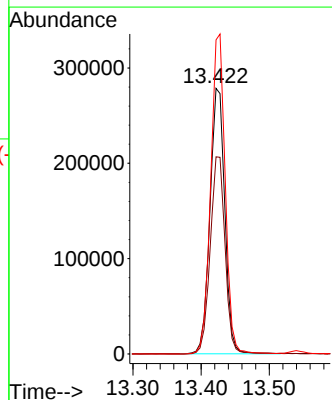
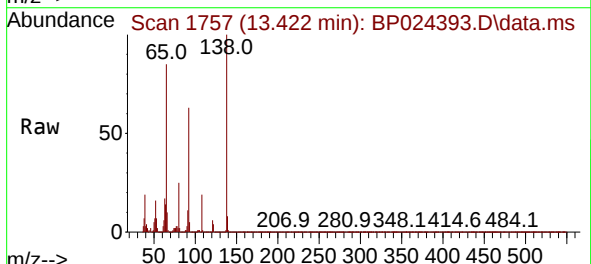
Instrument :  
BNA\_P  
ClientSampleId :  
PB167700BS

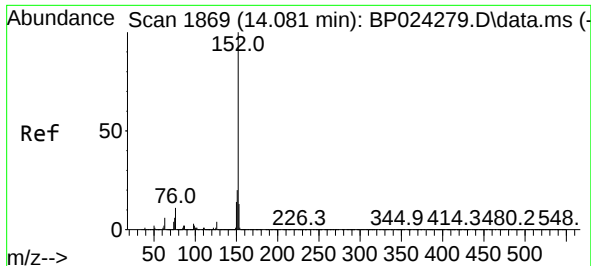
Tgt Ion:162 Resp: 1397562  
Ion Ratio Lower Upper  
162 100  
127 41.0 31.9 47.9  
164 33.1 26.2 39.4



#48  
2-Nitroaniline  
Concen: 48.095 ng  
RT: 13.422 min Scan# 1757  
Delta R.T. 0.000 min  
Lab File: BP024393.D  
Acq: 23 Apr 2025 12:46

Tgt Ion: 65 Resp: 422175  
Ion Ratio Lower Upper  
65 100  
92 74.2 62.3 93.5  
138 118.2 97.2 145.8

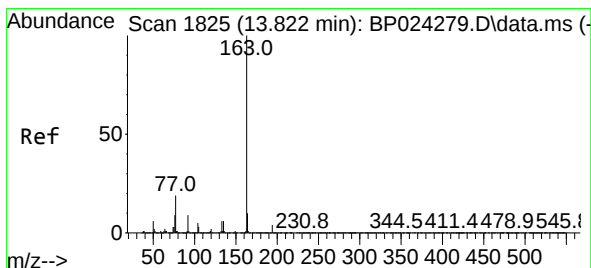
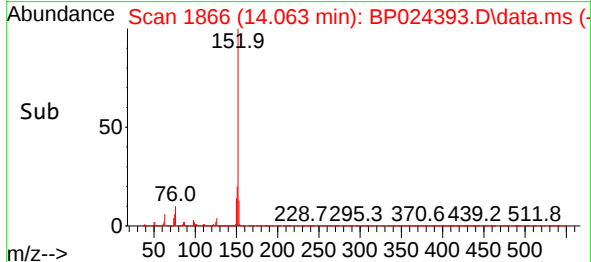
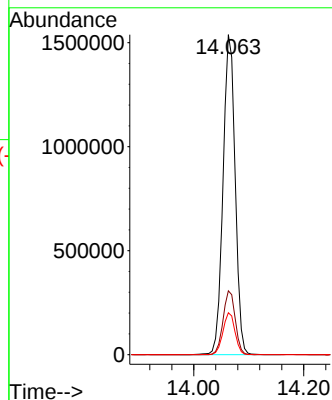
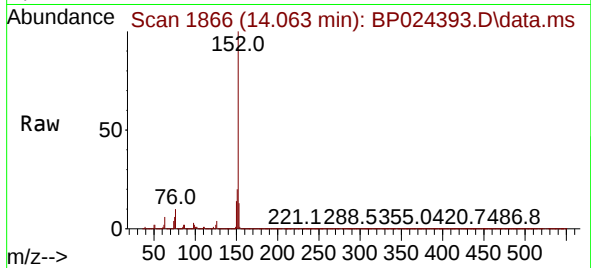




#49  
Acenaphthylene  
Concen: 47.702 ng  
RT: 14.063 min Scan# 1866  
Delta R.T. -0.006 min  
Lab File: BP024393.D  
Acq: 23 Apr 2025 12:46

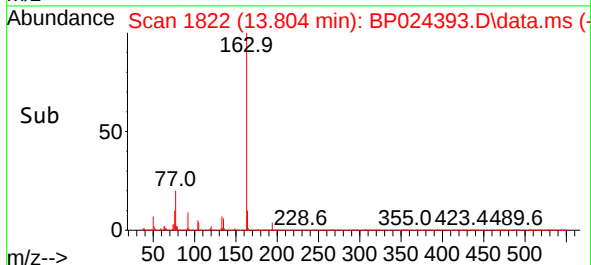
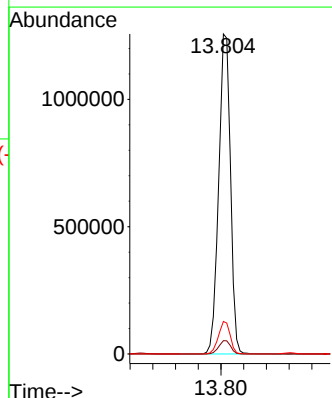
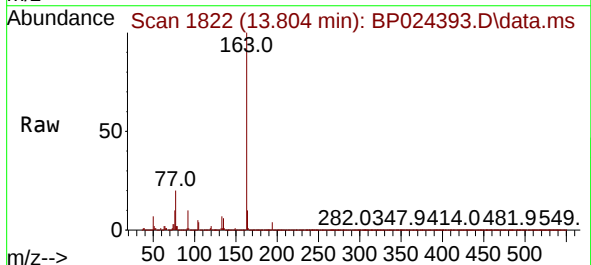
Instrument :  
BNA\_P  
ClientSampleId :  
PB167700BS

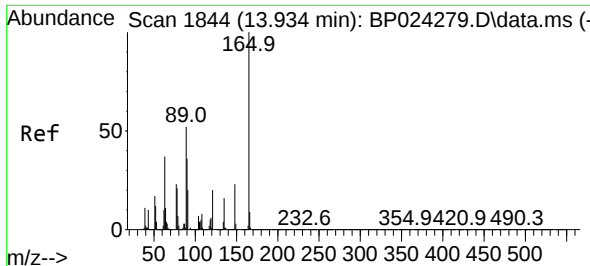
Tgt Ion:152 Resp: 2350248  
Ion Ratio Lower Upper  
152 100  
151 19.9 15.9 23.9  
153 13.1 10.6 15.8



#50  
Dimethylphthalate  
Concen: 43.552 ng  
RT: 13.804 min Scan# 1822  
Delta R.T. -0.006 min  
Lab File: BP024393.D  
Acq: 23 Apr 2025 12:46

Tgt Ion:163 Resp: 1804090  
Ion Ratio Lower Upper  
163 100  
194 4.2 3.5 5.3  
164 10.2 8.0 12.0

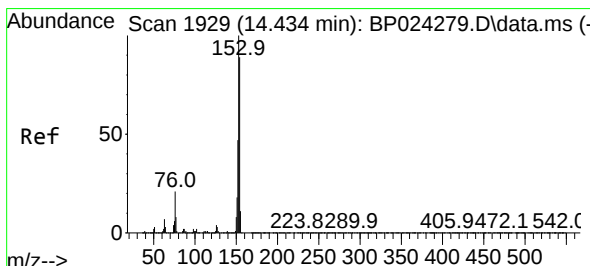
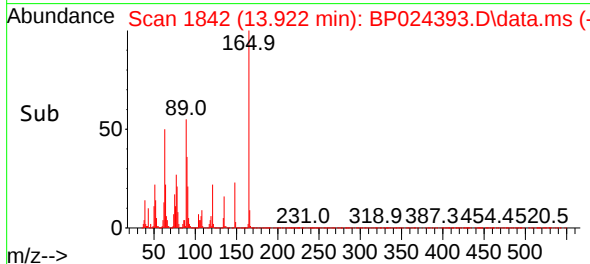
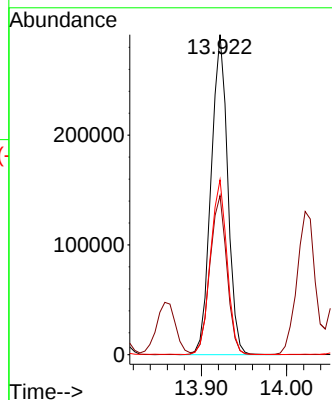
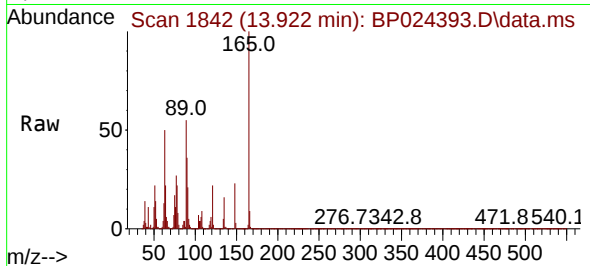




#51  
2,6-Dinitrotoluene  
Concen: 45.071 ng  
RT: 13.922 min Scan# 1842  
Delta R.T. -0.006 min  
Lab File: BP024393.D  
Acq: 23 Apr 2025 12:46

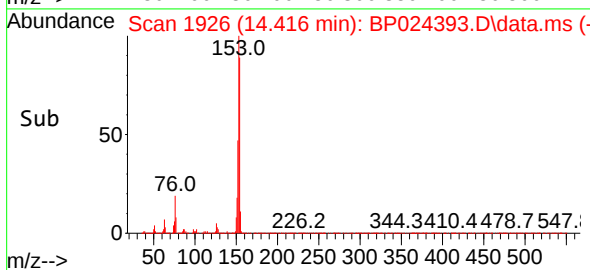
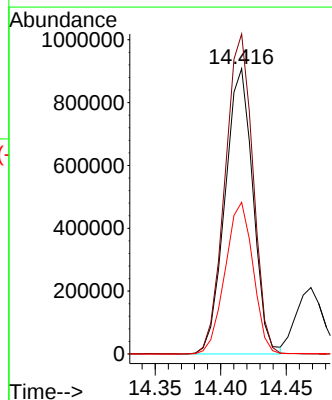
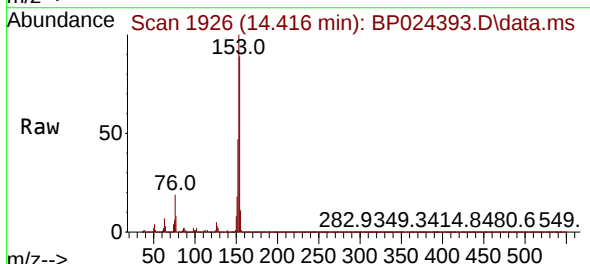
Instrument :  
BNA\_P  
ClientSampleId :  
PB167700BS

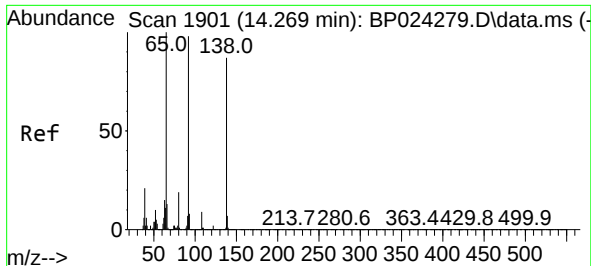
Tgt Ion:165 Resp: 396456  
Ion Ratio Lower Upper  
165 100  
63 49.7 38.0 57.0  
89 54.7 41.7 62.5



#52  
Acenaphthene  
Concen: 43.090 ng  
RT: 14.416 min Scan# 1926  
Delta R.T. -0.006 min  
Lab File: BP024393.D  
Acq: 23 Apr 2025 12:46

Tgt Ion:154 Resp: 1345917  
Ion Ratio Lower Upper  
154 100  
153 112.2 89.8 134.6  
152 53.2 42.6 63.8

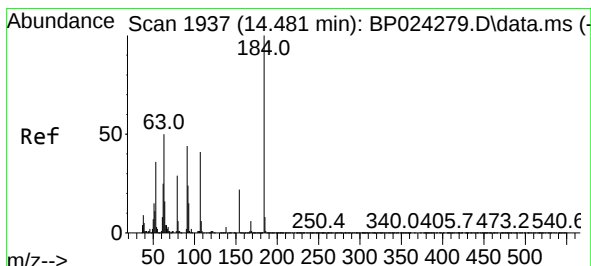
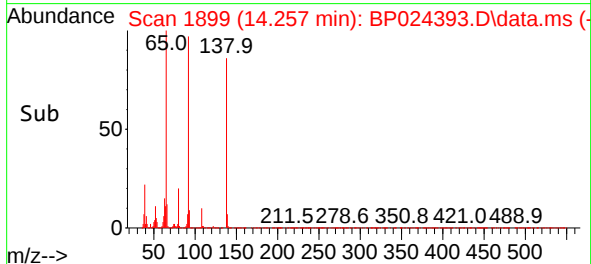
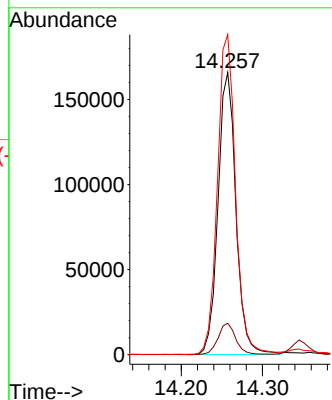
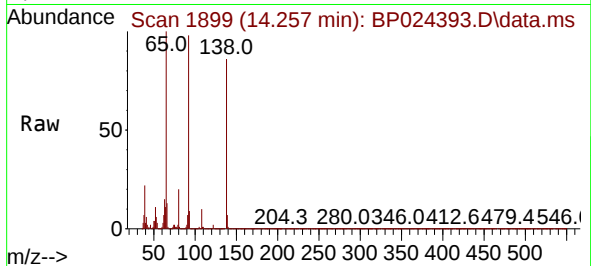




#53  
3-Nitroaniline  
Concen: 27.560 ng  
RT: 14.257 min Scan# 1899  
Delta R.T. -0.006 min  
Lab File: BP024393.D  
Acq: 23 Apr 2025 12:46

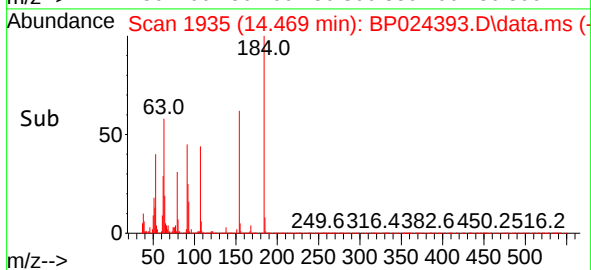
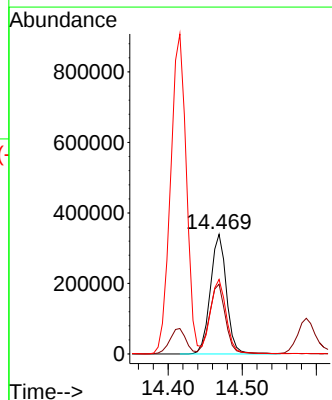
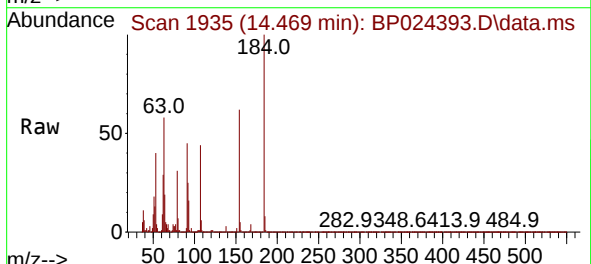
Instrument :  
BNA\_P  
ClientSampleId :  
PB167700BS

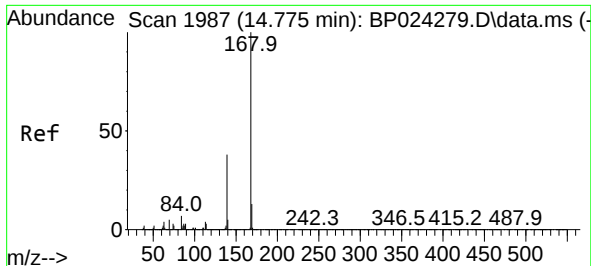
Tgt Ion:138 Resp: 254795  
Ion Ratio Lower Upper  
138 100  
108 11.2 8.3 12.5  
92 113.4 89.8 134.8



#54  
2,4-Dinitrophenol  
Concen: 98.766 ng  
RT: 14.469 min Scan# 1935  
Delta R.T. 0.000 min  
Lab File: BP024393.D  
Acq: 23 Apr 2025 12:46

Tgt Ion:184 Resp: 511751  
Ion Ratio Lower Upper  
184 100  
63 58.2 42.6 64.0  
154 62.2 47.2 70.8

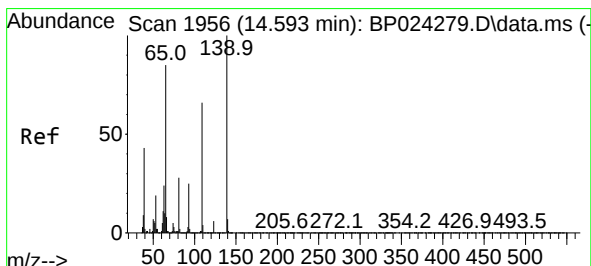
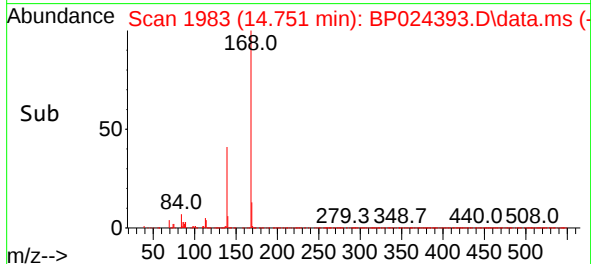
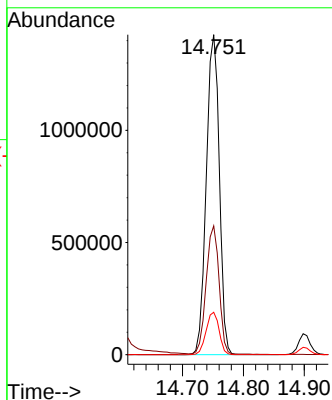
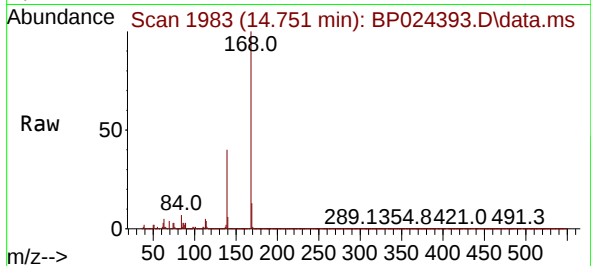




#55  
Dibenzenofuran  
Concen: 41.425 ng  
RT: 14.751 min Scan# 1983  
Delta R.T. -0.006 min  
Lab File: BP024393.D  
Acq: 23 Apr 2025 12:46

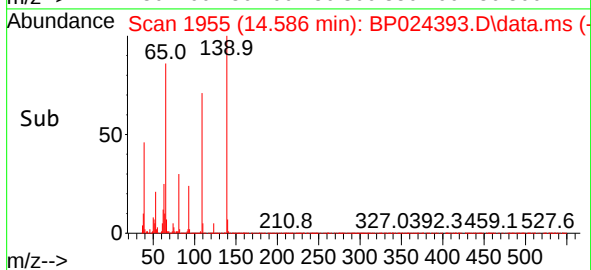
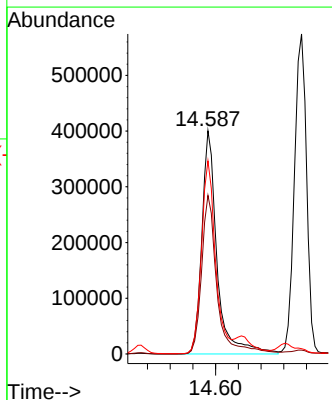
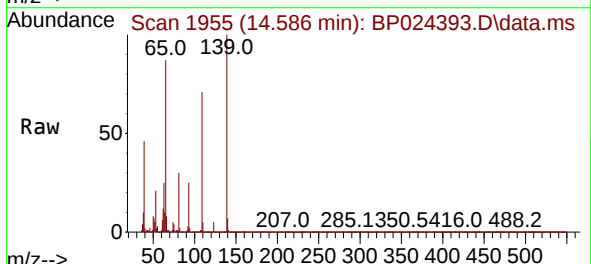
Instrument :  
BNA\_P  
ClientSampleId :  
PB167700BS

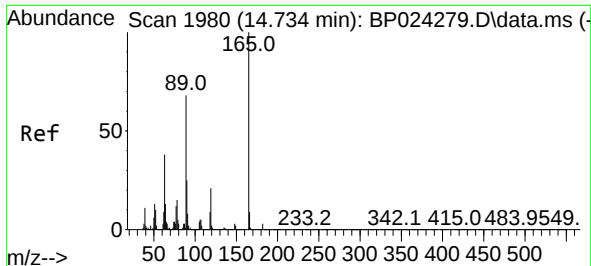
Tgt Ion:168 Resp: 2114976  
Ion Ratio Lower Upper  
168 100  
139 40.3 30.3 45.5  
169 13.2 10.6 16.0



#56  
4-Nitrophenol  
Concen: 93.171 ng  
RT: 14.586 min Scan# 1955  
Delta R.T. -0.006 min  
Lab File: BP024393.D  
Acq: 23 Apr 2025 12:46

Tgt Ion:139 Resp: 743931  
Ion Ratio Lower Upper  
139 100  
109 71.0 46.1 86.1  
65 86.5 65.0 105.0

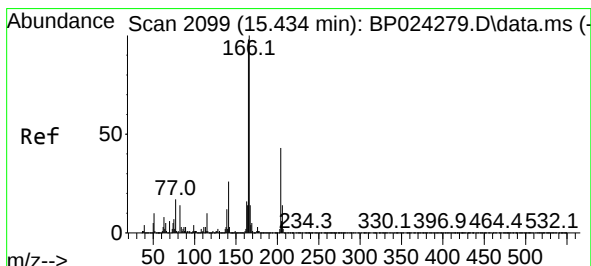
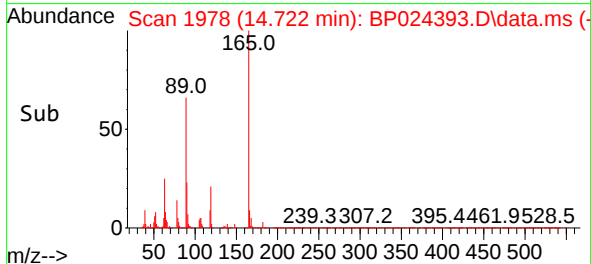
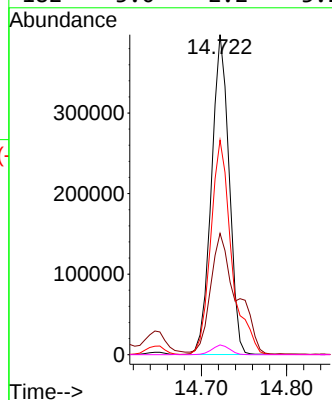
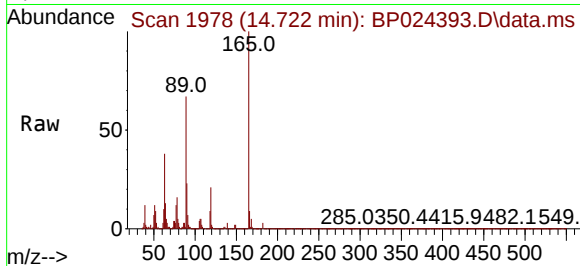




#57  
2,4-Dinitrotoluene  
Concen: 47.687 ng  
RT: 14.722 min Scan# 1980  
Delta R.T. 0.000 min  
Lab File: BP024393.D  
Acq: 23 Apr 2025 12:46

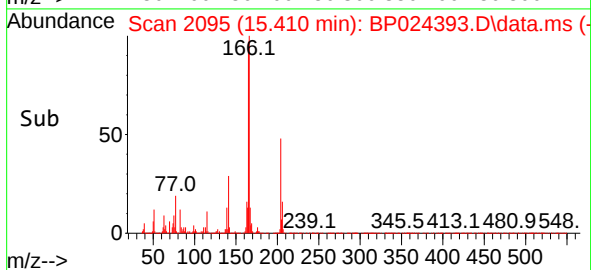
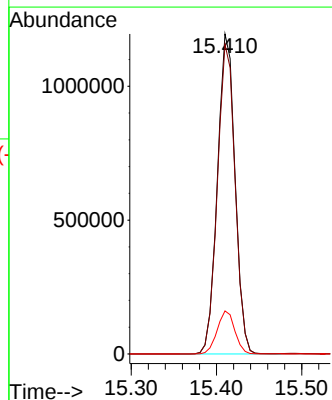
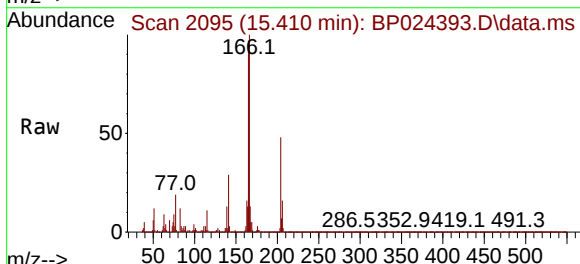
Instrument :  
BNA\_P  
ClientSampleId :  
PB167700BS

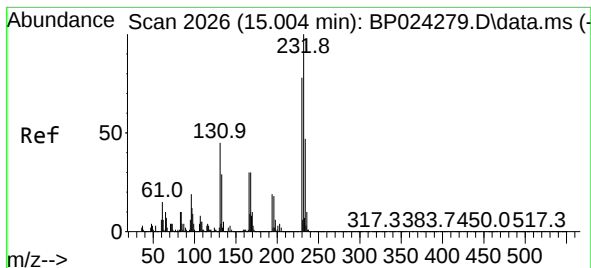
Tgt Ion:165 Resp: 572203  
Ion Ratio Lower Upper  
165 100  
63 37.9 30.4 45.6  
89 67.0 54.6 82.0  
182 3.0 2.2 3.2



#58  
Fluorene  
Concen: 43.433 ng  
RT: 15.410 min Scan# 2095  
Delta R.T. -0.006 min  
Lab File: BP024393.D  
Acq: 23 Apr 2025 12:46

Tgt Ion:166 Resp: 1716651  
Ion Ratio Lower Upper  
166 100  
165 96.7 78.1 117.1  
167 13.4 10.9 16.3

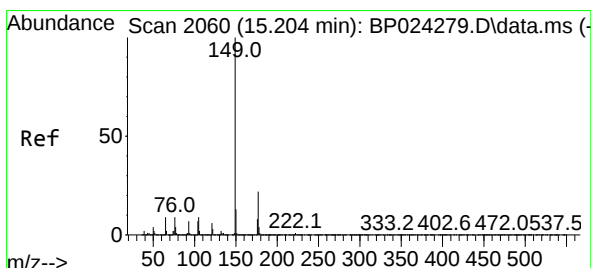
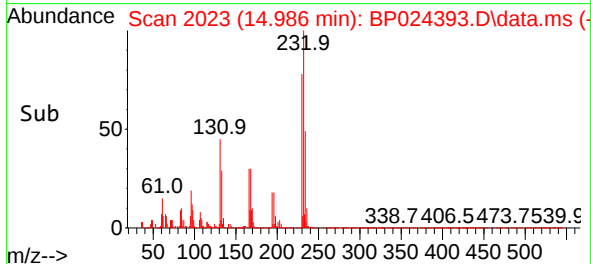
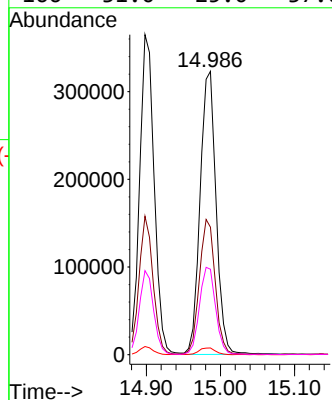
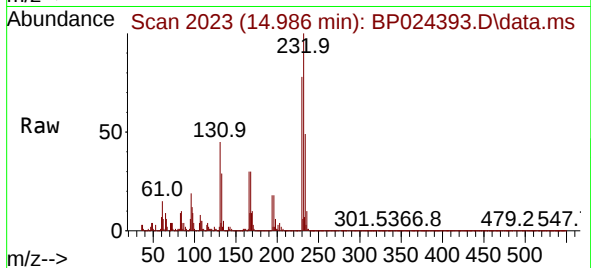




#59  
2,3,4,6-Tetrachlorophenol  
Concen: 45.550 ng  
RT: 14.986 min Scan# 20  
Delta R.T. -0.006 min  
Lab File: BP024393.D  
Acq: 23 Apr 2025 12:46

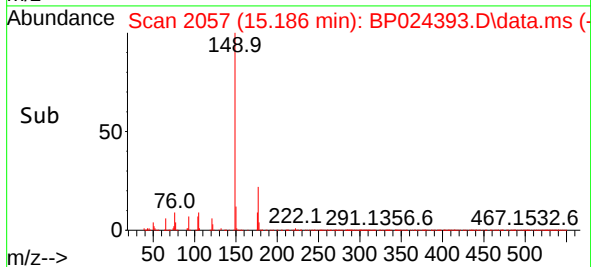
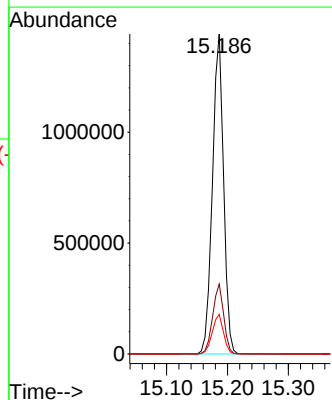
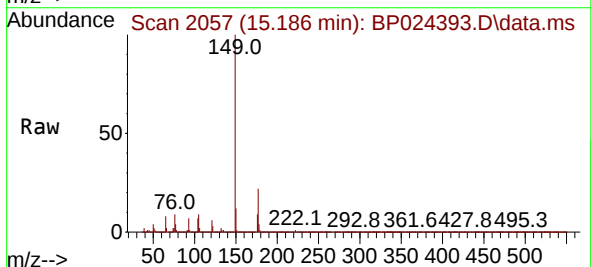
Instrument :  
BNA\_P  
ClientSampleId :  
PB167700BS

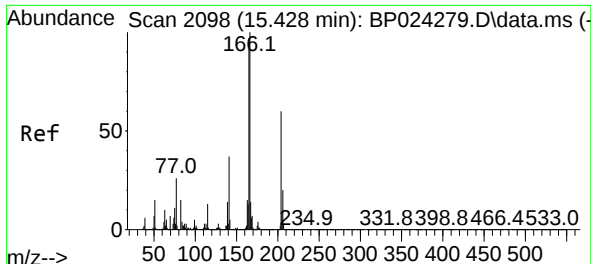
Tgt Ion:232 Resp: 484510  
Ion Ratio Lower Upper  
232 100  
131 47.4 36.8 55.2  
130 2.4 1.9 2.9  
166 31.0 25.0 37.6



#60  
Diethylphthalate  
Concen: 42.829 ng  
RT: 15.186 min Scan# 2057  
Delta R.T. -0.006 min  
Lab File: BP024393.D  
Acq: 23 Apr 2025 12:46

Tgt Ion:149 Resp: 1828313  
Ion Ratio Lower Upper  
149 100  
177 21.8 17.4 26.2  
150 12.4 10.1 15.1

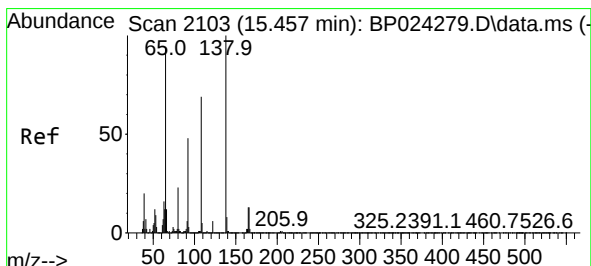
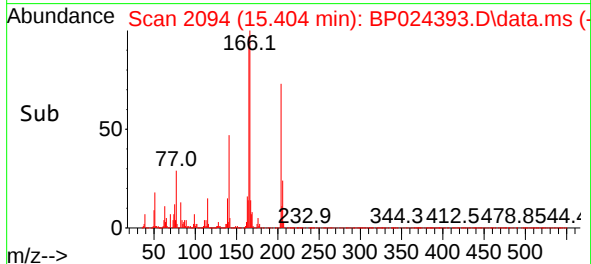
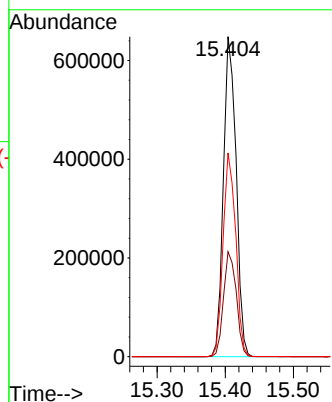
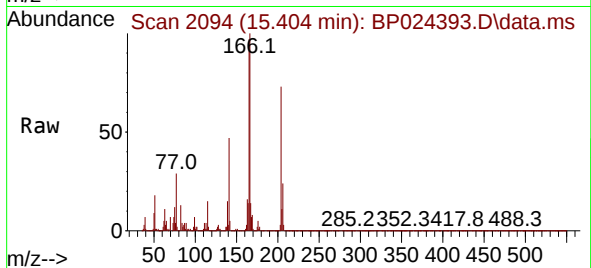




#61  
4-Chlorophenyl-phenylether  
Concen: 43.887 ng  
RT: 15.404 min Scan# 2098  
Delta R.T. -0.006 min  
Lab File: BP024393.D  
Acq: 23 Apr 2025 12:46

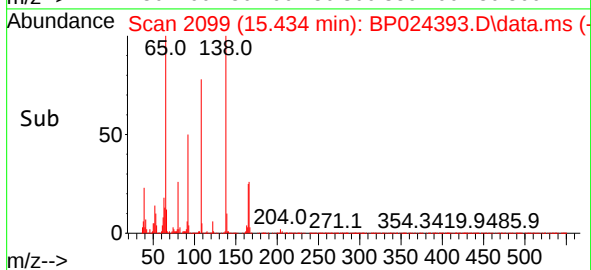
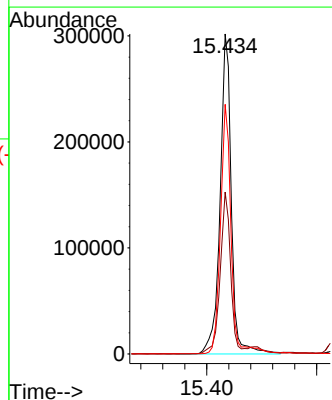
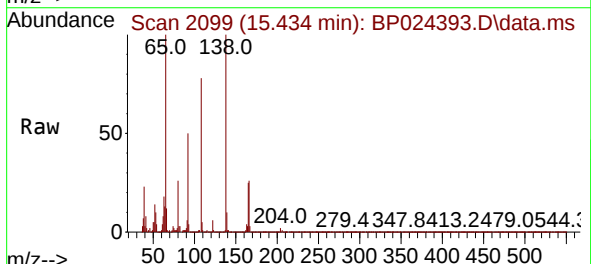
Instrument :  
BNA\_P  
ClientSampleId :  
PB167700BS

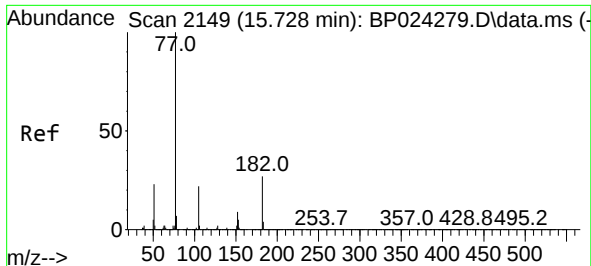
Tgt Ion:204 Resp: 842319  
Ion Ratio Lower Upper  
204 100  
206 32.8 26.5 39.7  
141 63.7 49.4 74.0



#62  
4-Nitroaniline  
Concen: 43.691 ng  
RT: 15.434 min Scan# 2099  
Delta R.T. -0.006 min  
Lab File: BP024393.D  
Acq: 23 Apr 2025 12:46

Tgt Ion:138 Resp: 427603  
Ion Ratio Lower Upper  
138 100  
92 50.6 27.8 67.8  
108 78.0 48.9 88.9

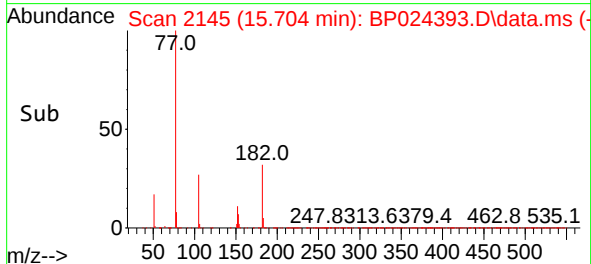
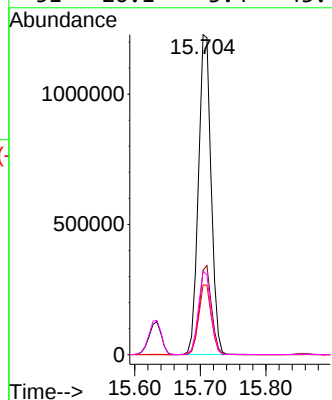
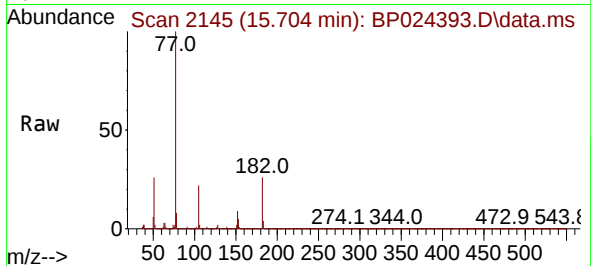




#63  
Azobenzene  
Concen: 42.134 ng  
RT: 15.704 min Scan# 2145  
Delta R.T. -0.006 min  
Lab File: BP024393.D  
Acq: 23 Apr 2025 12:46

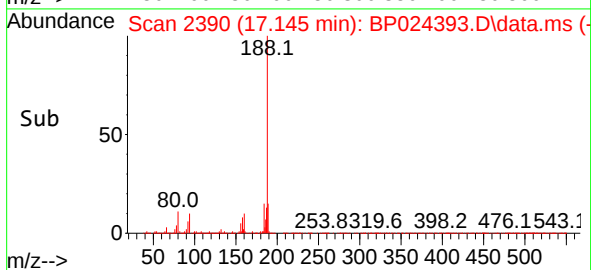
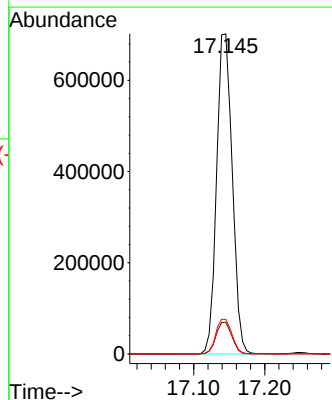
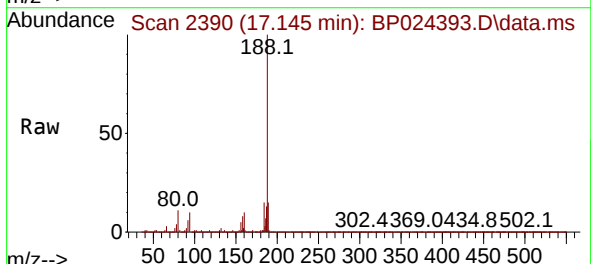
Instrument :  
BNA\_P  
ClientSampleId :  
PB167700BS

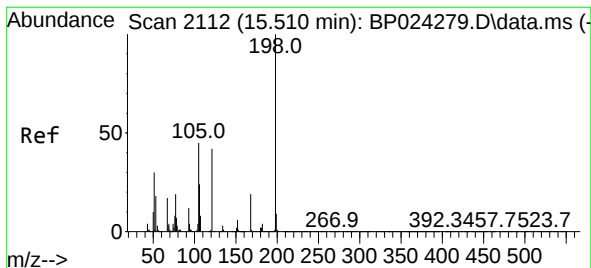
Tgt Ion: 77 Resp: 1653162  
Ion Ratio Lower Upper  
77 100  
182 26.4 7.3 47.3  
105 21.7 2.3 42.3  
51 26.1 3.4 43.4



#64  
Phenanthrene-d10  
Concen: 20.000 ng  
RT: 17.145 min Scan# 2390  
Delta R.T. 0.000 min  
Lab File: BP024393.D  
Acq: 23 Apr 2025 12:46

Tgt Ion: 188 Resp: 1071670  
Ion Ratio Lower Upper  
188 100  
94 9.9 8.6 13.0  
80 10.8 9.8 14.6

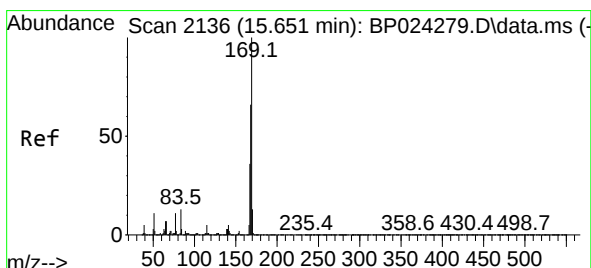
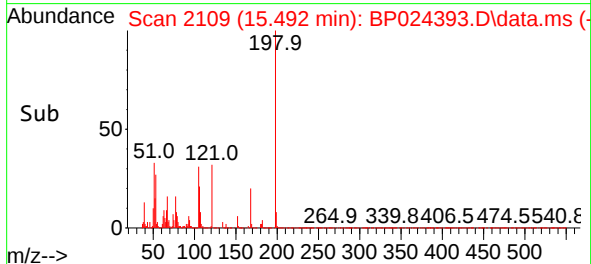
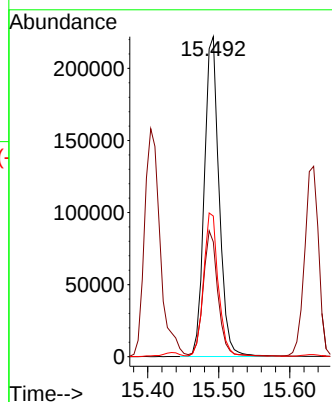
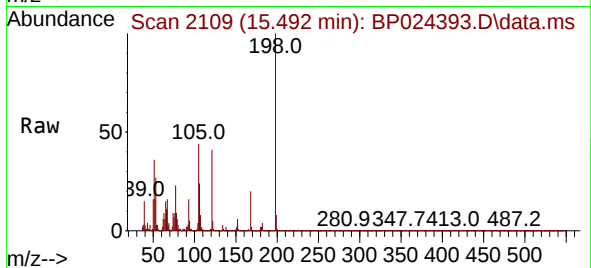




#65  
4,6-Dinitro-2-methylphenol  
Concen: 47.763 ng  
RT: 15.492 min Scan# 2109  
Delta R.T. -0.006 min  
Lab File: BP024393.D  
Acq: 23 Apr 2025 12:46

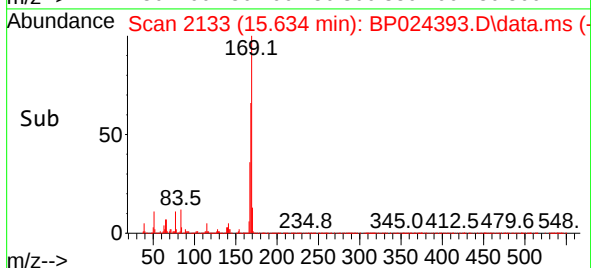
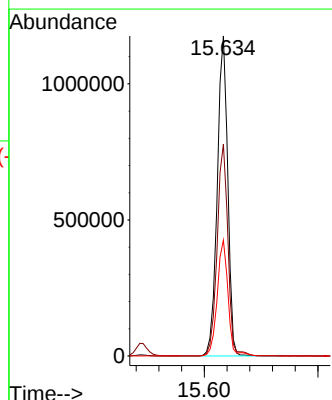
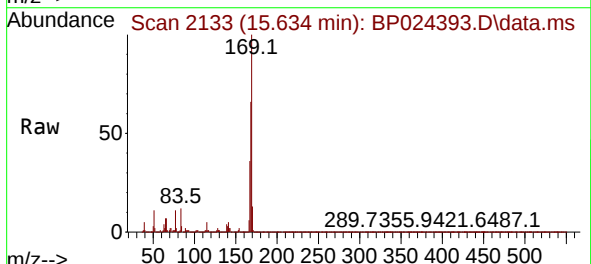
Instrument :  
BNA\_P  
ClientSampleId :  
PB167700BS

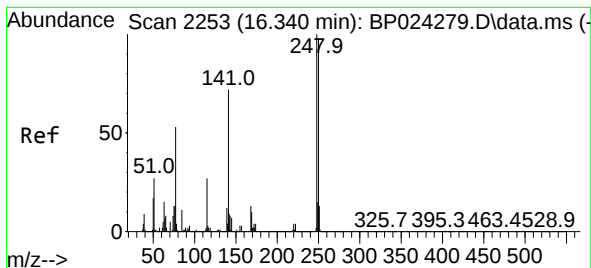
Tgt Ion:198 Resp: 322709  
Ion Ratio Lower Upper  
198 100  
51 35.8 18.4 58.4  
105 43.9 26.5 66.5



#66  
n-Nitrosodiphenylamine  
Concen: 46.853 ng  
RT: 15.634 min Scan# 2133  
Delta R.T. 0.006 min  
Lab File: BP024393.D  
Acq: 23 Apr 2025 12:46

Tgt Ion:169 Resp: 1498669  
Ion Ratio Lower Upper  
169 100  
168 66.2 53.0 79.4  
167 36.2 28.9 43.3

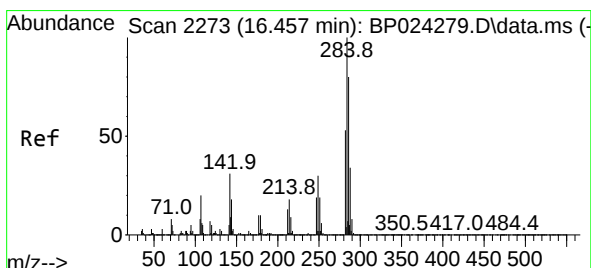
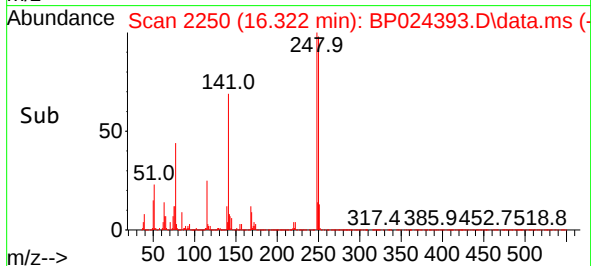
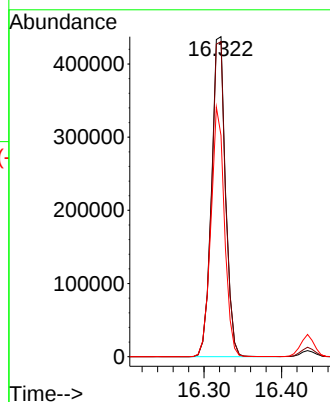
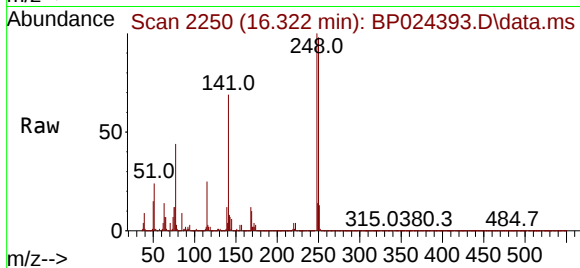




#67  
4-Bromophenyl-phenylether  
Concen: 46.814 ng  
RT: 16.322 min Scan# 21  
Delta R.T. 0.000 min  
Lab File: BP024393.D  
Acq: 23 Apr 2025 12:46

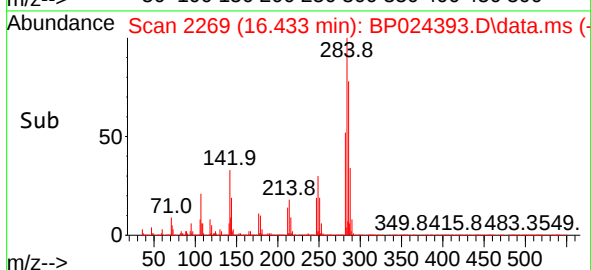
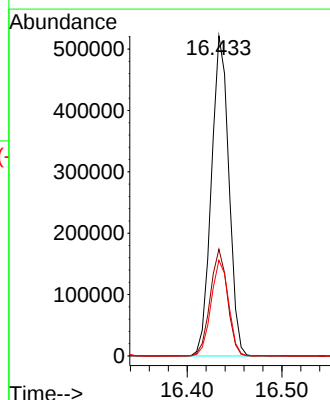
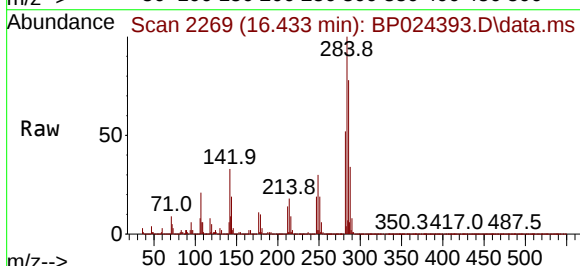
Instrument :  
BNA\_P  
ClientSampleId :  
PB167700BS

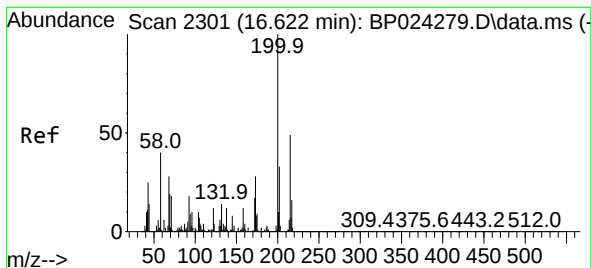
Tgt Ion:248 Resp: 548695  
Ion Ratio Lower Upper  
248 100  
250 98.4 78.2 117.4  
141 69.2 57.7 86.5



#68  
Hexachlorobenzene  
Concen: 48.048 ng  
RT: 16.433 min Scan# 2269  
Delta R.T. -0.006 min  
Lab File: BP024393.D  
Acq: 23 Apr 2025 12:46

Tgt Ion:284 Resp: 669180  
Ion Ratio Lower Upper  
284 100  
142 33.4 24.6 37.0  
249 29.9 23.8 35.6





#69

Atrazine

Concen: 64.571 ng

RT: 16.604 min Scan# 21

Delta R.T. -0.006 min

Lab File: BP024393.D

Acq: 23 Apr 2025 12:46

Instrument :

BNA\_P

ClientSampleId :

PB167700BS

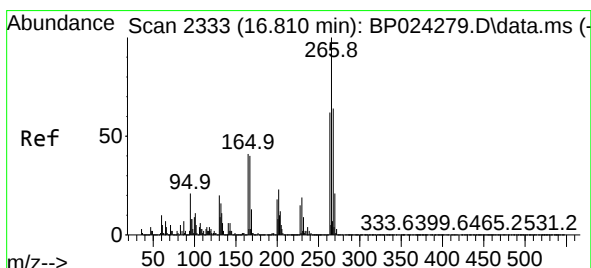
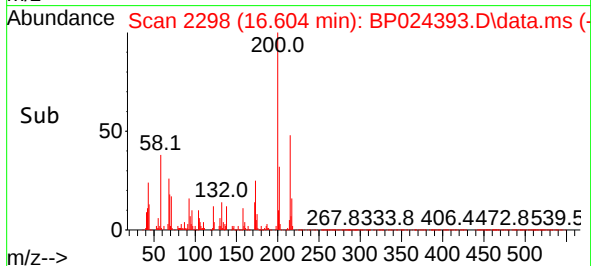
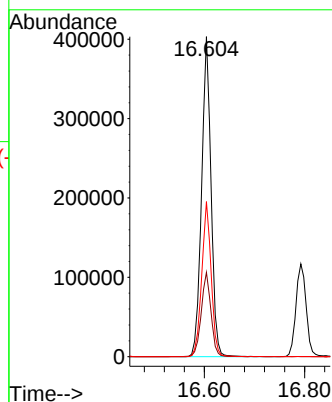
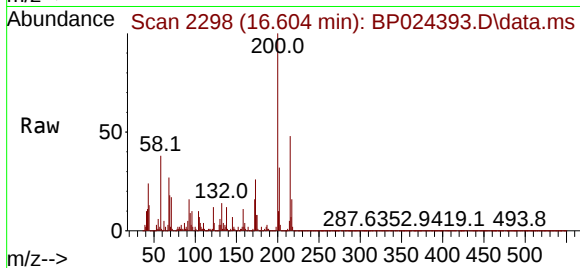
Tgt Ion:200 Resp: 526048

Ion Ratio Lower Upper

200 100

173 26.4 7.5 47.5

215 48.4 28.8 68.8



#70

Pentachlorophenol

Concen: 95.238 ng

RT: 16.792 min Scan# 2330

Delta R.T. -0.006 min

Lab File: BP024393.D

Acq: 23 Apr 2025 12:46

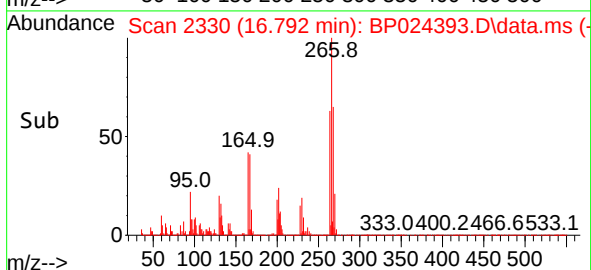
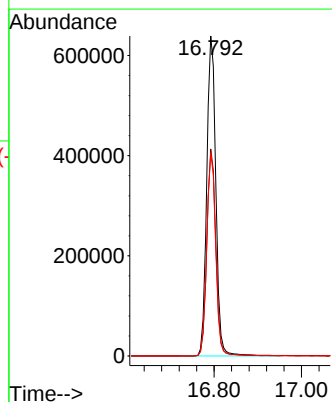
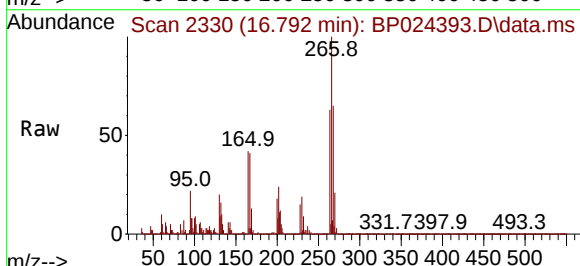
Tgt Ion:266 Resp: 925341

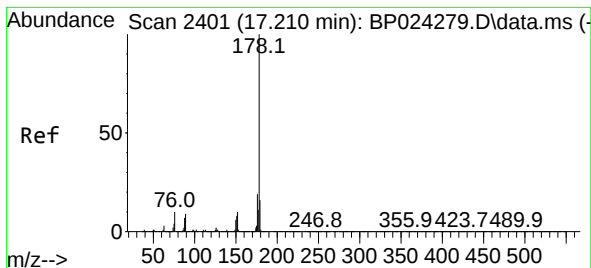
Ion Ratio Lower Upper

266 100

268 64.7 51.0 76.6

264 63.4 49.8 74.6





#71

Phenanthrene

Concen: 44.600 ng

RT: 17.192 min Scan# 21

Delta R.T. 0.000 min

Lab File: BP024393.D

Acq: 23 Apr 2025 12:46

Instrument :

BNA\_P

ClientSampleId :

PB167700BS

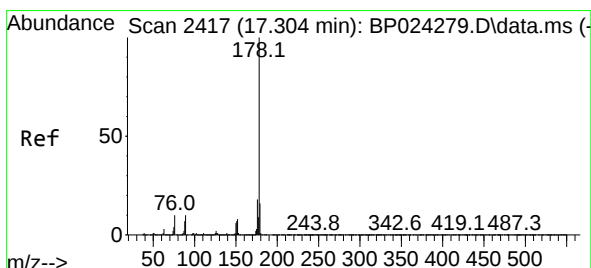
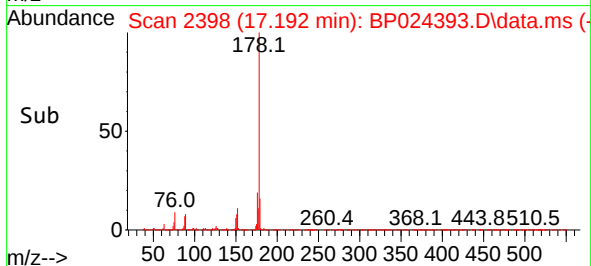
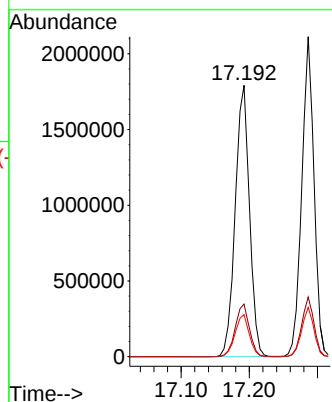
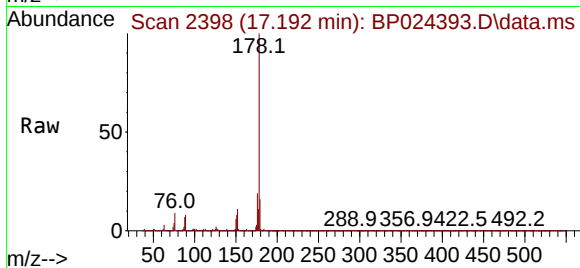
Tgt Ion:178 Resp: 2607430

Ion Ratio Lower Upper

178 100

176 19.4 15.4 23.0

179 15.5 12.5 18.7



#72

Anthracene

Concen: 47.000 ng

RT: 17.286 min Scan# 2414

Delta R.T. 0.000 min

Lab File: BP024393.D

Acq: 23 Apr 2025 12:46

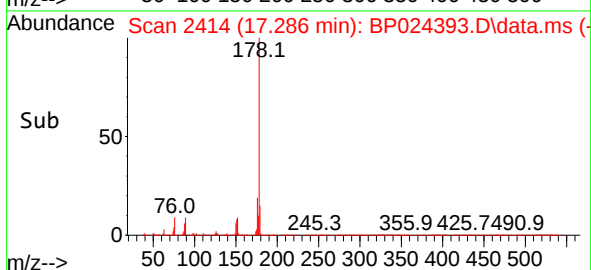
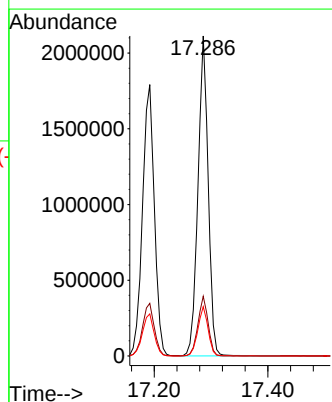
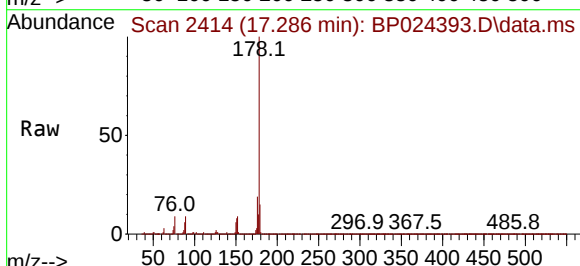
Tgt Ion:178 Resp: 2648256

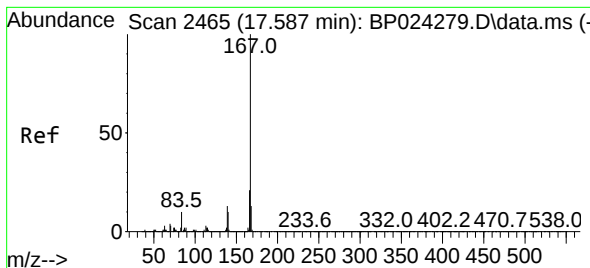
Ion Ratio Lower Upper

178 100

176 18.6 14.7 22.1

179 15.4 12.4 18.6





#73

Carbazole

Concen: 45.037 ng

RT: 17.569 min Scan# 2462

Delta R.T. 0.000 min

Lab File: BP024393.D

Acq: 23 Apr 2025 12:46

Instrument :

BNA\_P

ClientSampleId :

PB167700BS

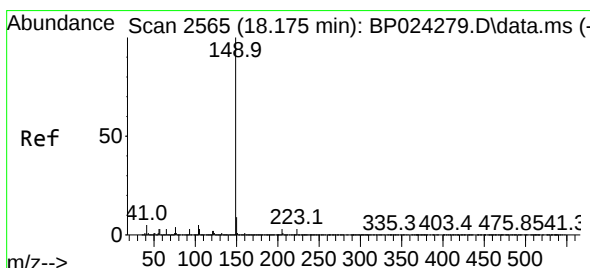
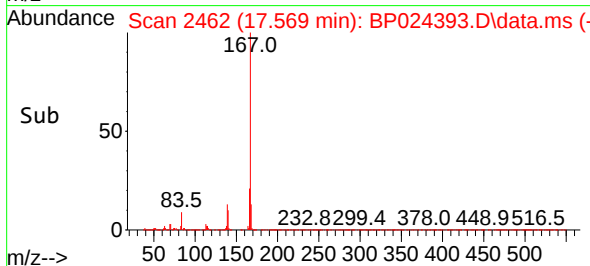
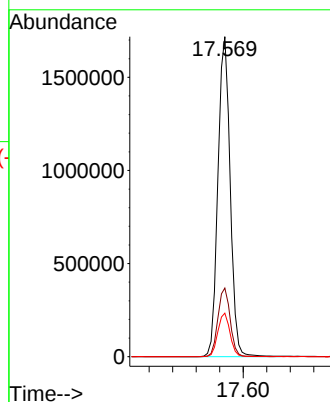
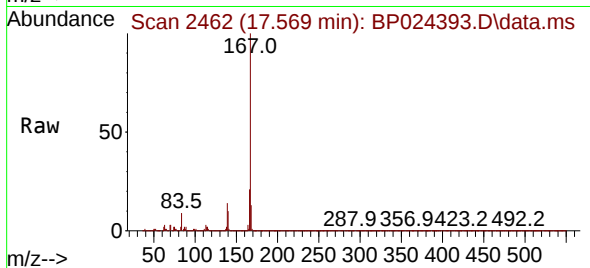
Tgt Ion:167 Resp: 2479478

Ion Ratio Lower Upper

167 100

166 21.5 17.1 25.7

139 13.6 10.6 16.0



#74

Di-n-butylphthalate

Concen: 44.400 ng

RT: 18.151 min Scan# 2561

Delta R.T. -0.006 min

Lab File: BP024393.D

Acq: 23 Apr 2025 12:46

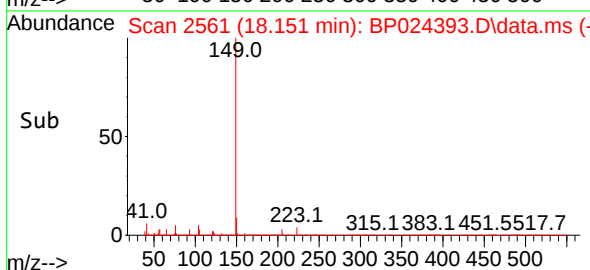
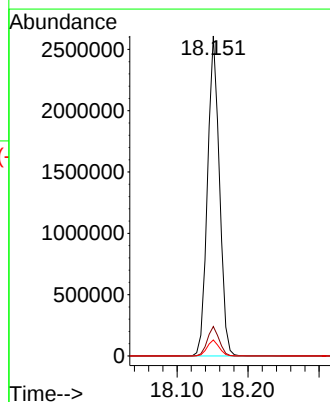
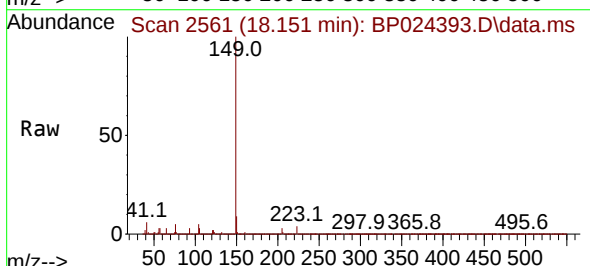
Tgt Ion:149 Resp: 3045426

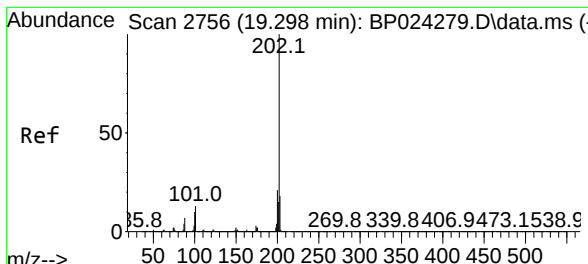
Ion Ratio Lower Upper

149 100

150 9.2 7.4 11.2

104 5.0 3.9 5.9



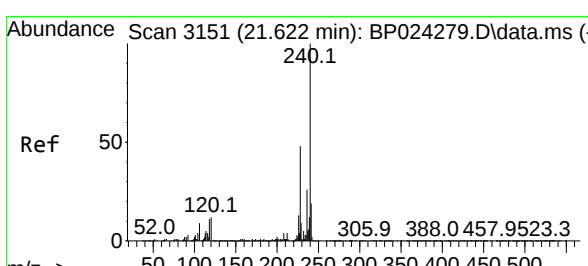
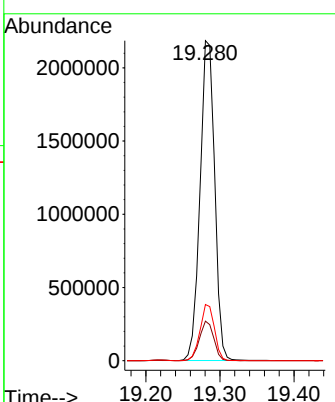
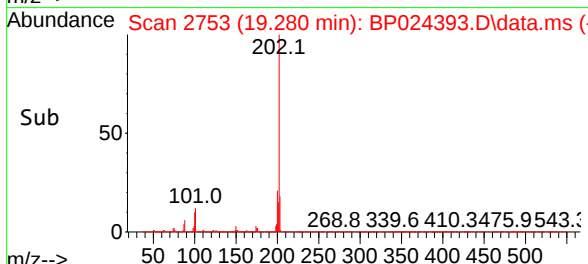
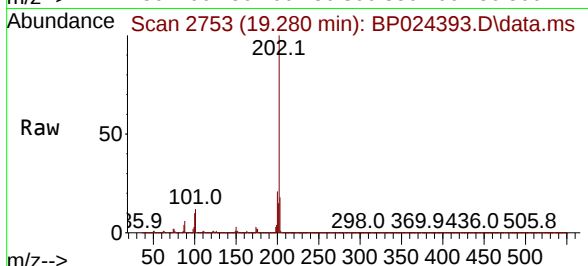


#75  
 Fluoranthene  
 Concen: 43.194 ng  
 RT: 19.280 min Scan# 21  
 Delta R.T. 0.000 min  
 Lab File: BP024393.D  
 Acq: 23 Apr 2025 12:46

Instrument :  
 BNA\_P  
 ClientSampleId :  
 PB167700BS

Tgt Ion: 202 Resp: 3003310

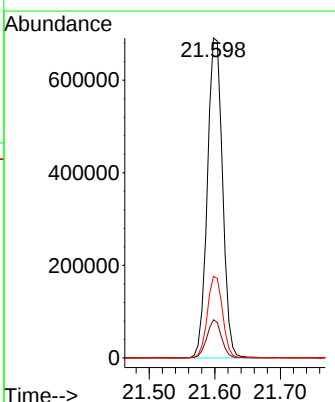
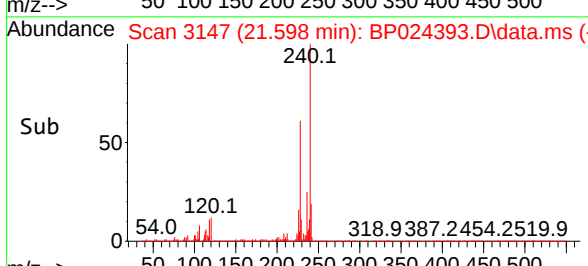
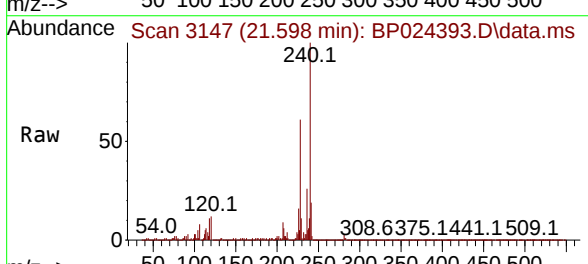
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 202 | 100   |       |       |
| 101 | 12.4  | 0.0   | 33.2  |
| 203 | 17.6  | 0.0   | 37.7  |

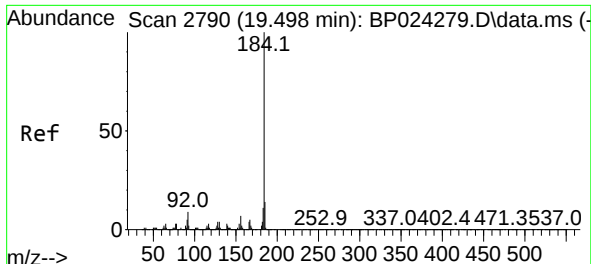


#76  
 Chrysene-d12  
 Concen: 20.000 ng  
 RT: 21.598 min Scan# 3147  
 Delta R.T. 0.006 min  
 Lab File: BP024393.D  
 Acq: 23 Apr 2025 12:46

Tgt Ion: 240 Resp: 1109178

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 240 | 100   |       |       |
| 120 | 12.0  | 9.8   | 14.8  |
| 236 | 25.5  | 20.9  | 31.3  |

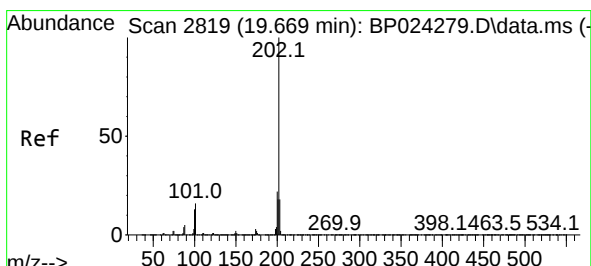
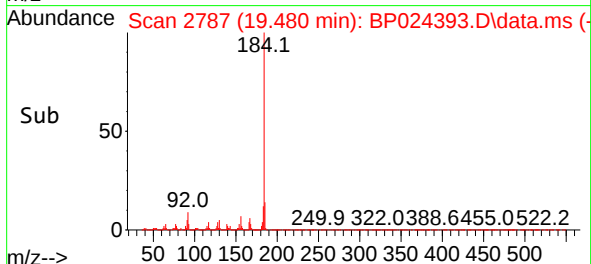
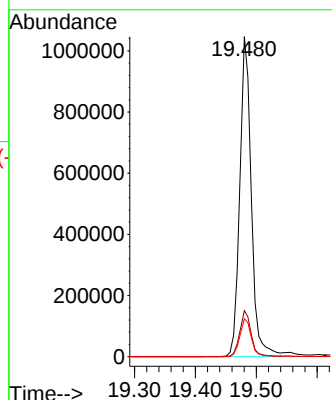
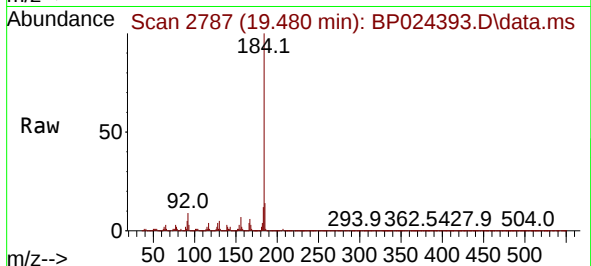




#77  
Benzidine  
Concen: 97.569 ng  
RT: 19.480 min Scan# 21  
Delta R.T. 0.000 min  
Lab File: BP024393.D  
Acq: 23 Apr 2025 12:46

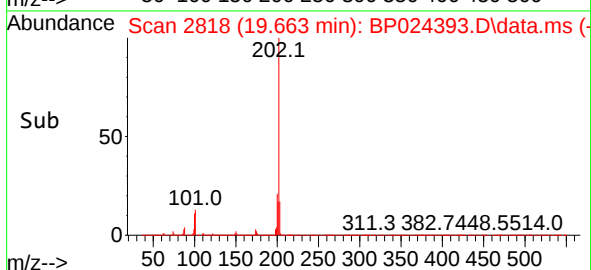
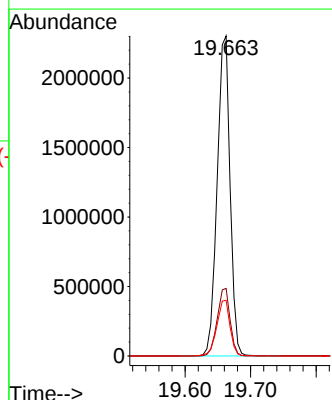
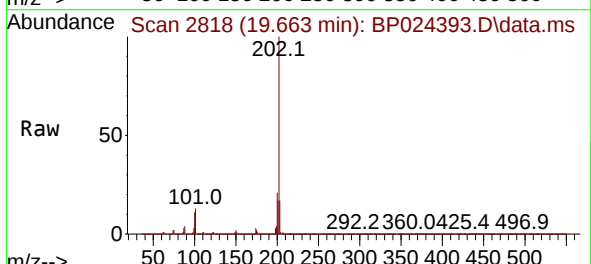
Instrument :  
BNA\_P  
ClientSampleId :  
PB167700BS

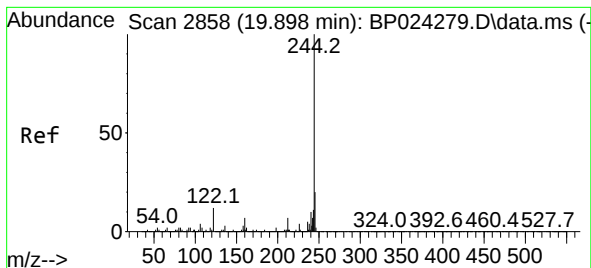
Tgt Ion:184 Resp: 1371804  
Ion Ratio Lower Upper  
184 100  
185 14.4 11.6 17.4  
183 11.9 9.2 13.8



#78  
Pyrene  
Concen: 44.397 ng  
RT: 19.663 min Scan# 2818  
Delta R.T. 0.012 min  
Lab File: BP024393.D  
Acq: 23 Apr 2025 12:46

Tgt Ion:202 Resp: 3129490  
Ion Ratio Lower Upper  
202 100  
200 21.1 17.2 25.8  
203 17.4 14.4 21.6





#79

Terphenyl-d14

Concen: 89.278 ng

RT: 19.874 min Scan# 21

Delta R.T. 0.000 min

Lab File: BP024393.D

Acq: 23 Apr 2025 12:46

Instrument :

BNA\_P

ClientSampleId :

PB167700BS

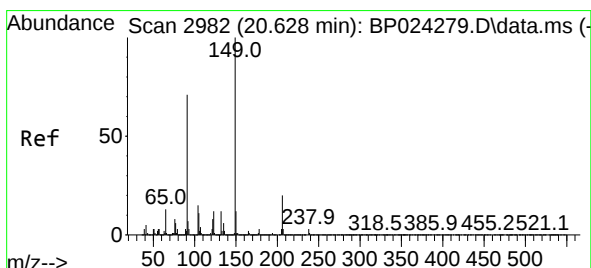
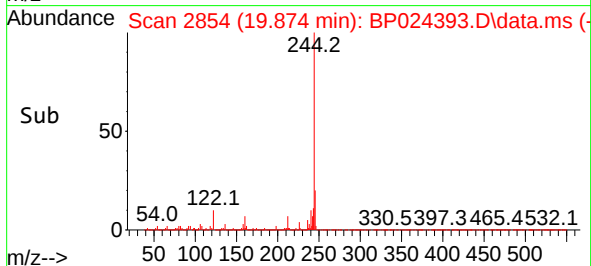
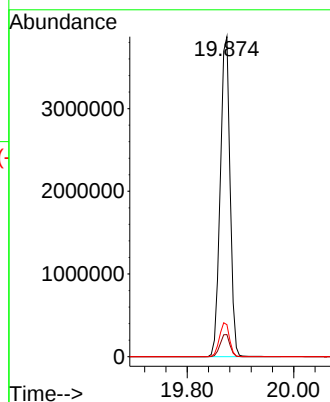
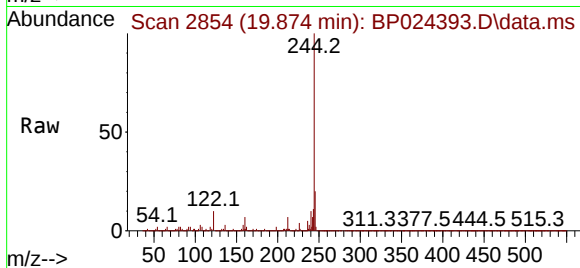
Tgt Ion:244 Resp: 4912868

Ion Ratio Lower Upper

244 100

212 6.9 5.6 8.4

122 10.0 9.4 14.0



#80

Butylbenzylphthalate

Concen: 47.205 ng

RT: 20.610 min Scan# 2979

Delta R.T. 0.006 min

Lab File: BP024393.D

Acq: 23 Apr 2025 12:46

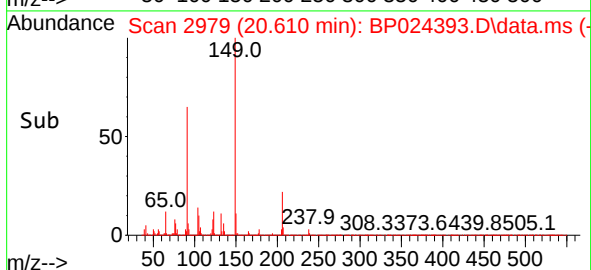
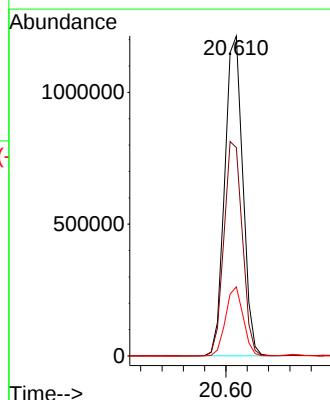
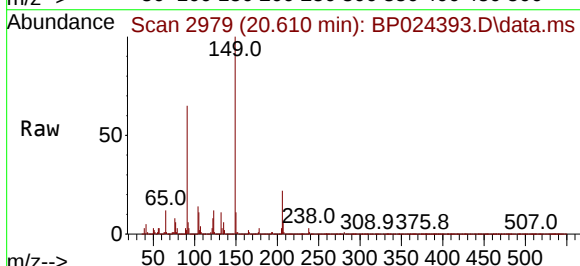
Tgt Ion:149 Resp: 1425222

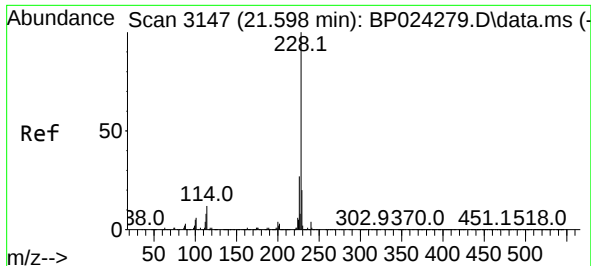
Ion Ratio Lower Upper

149 100

91 65.1 56.4 84.6

206 21.6 16.3 24.5

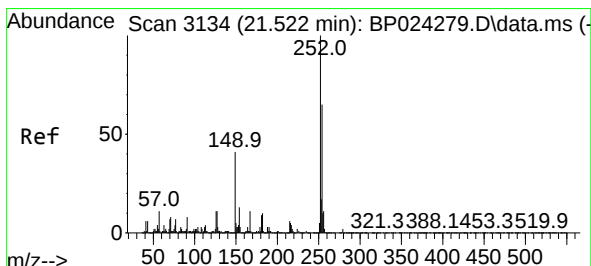
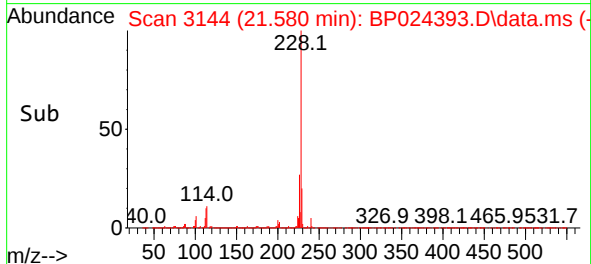
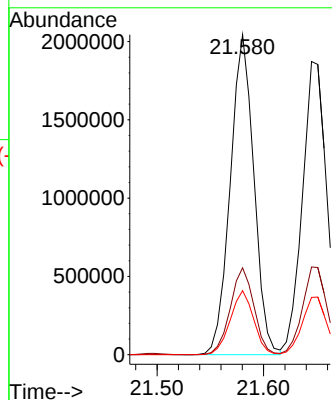
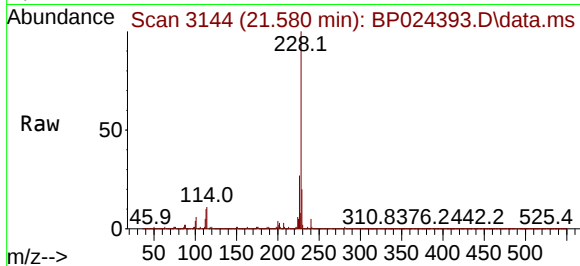




#81  
Benzo(a)anthracene  
Concen: 45.733 ng  
RT: 21.580 min Scan# 3147  
Delta R.T. 0.012 min  
Lab File: BP024393.D  
Acq: 23 Apr 2025 12:46

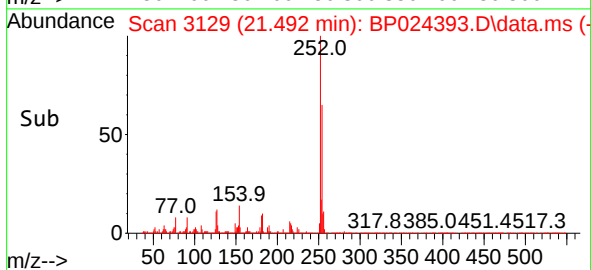
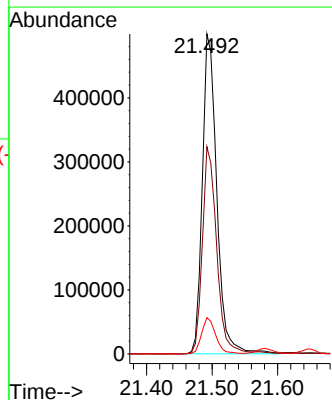
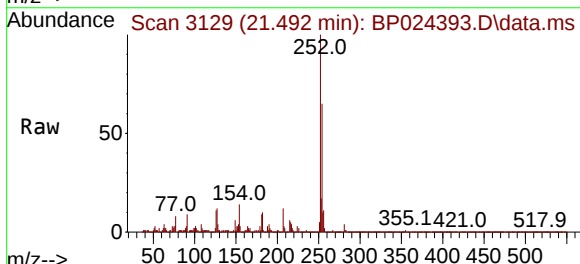
Instrument :  
BNA\_P  
ClientSampleId :  
PB167700BS

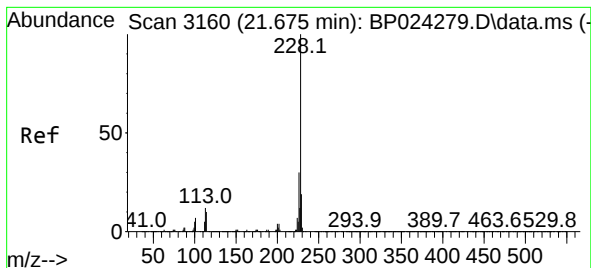
Tgt Ion:228 Resp: 3152908  
Ion Ratio Lower Upper  
228 100  
226 27.1 21.8 32.8  
229 20.0 15.9 23.9



#82  
3,3'-Dichlorobenzidine  
Concen: 31.751 ng  
RT: 21.492 min Scan# 3129  
Delta R.T. 0.000 min  
Lab File: BP024393.D  
Acq: 23 Apr 2025 12:46

Tgt Ion:252 Resp: 768318  
Ion Ratio Lower Upper  
252 100  
254 64.8 51.7 77.5  
126 11.4 8.8 13.2





#83

Chrysene

Concen: 44.613 ng

RT: 21.645 min Scan# 31

Delta R.T. 0.006 min

Lab File: BP024393.D

Acq: 23 Apr 2025 12:46

Instrument :

BNA\_P

ClientSampleId :

PB167700BS

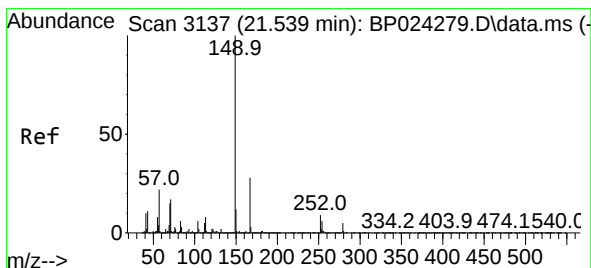
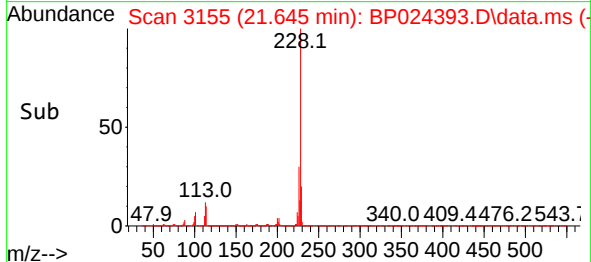
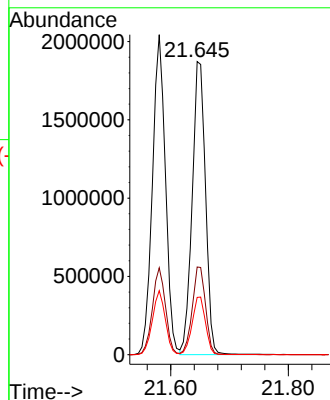
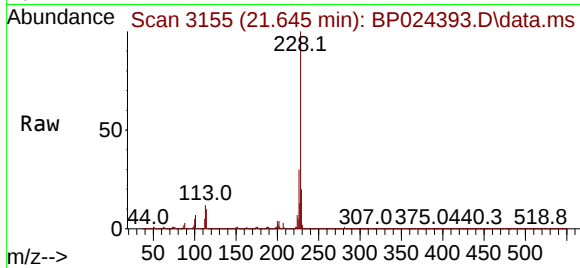
Tgt Ion:228 Resp: 2946671

Ion Ratio Lower Upper

228 100

226 29.9 24.2 36.2

229 19.6 15.6 23.4



#84

Bis(2-ethylhexyl)phthalate

Concen: 46.828 ng

RT: 21.516 min Scan# 3133

Delta R.T. 0.006 min

Lab File: BP024393.D

Acq: 23 Apr 2025 12:46

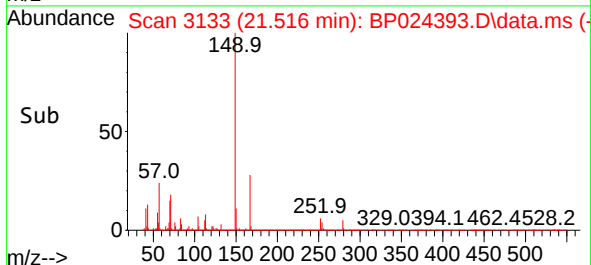
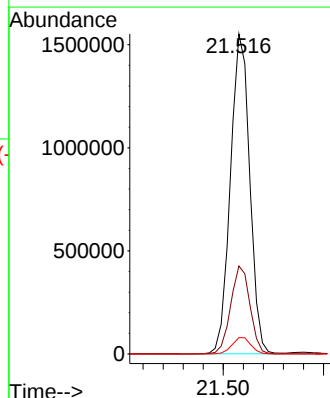
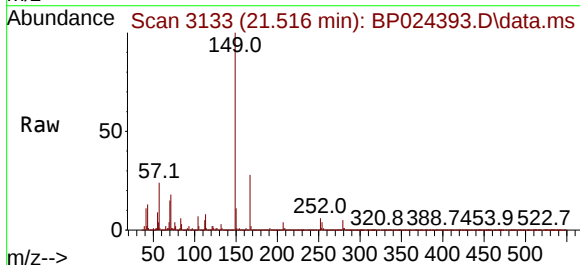
Tgt Ion:149 Resp: 2072622

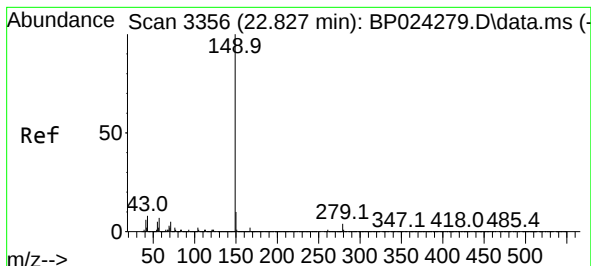
Ion Ratio Lower Upper

149 100

167 27.5 22.4 33.6

279 5.1 4.0 6.0





#85

Di-n-octyl phthalate

Concen: 49.147 ng

RT: 22.792 min Scan# 31

Delta R.T. 0.006 min

Lab File: BP024393.D

Acq: 23 Apr 2025 12:46

Instrument :

BNA\_P

ClientSampleId :

PB167700BS

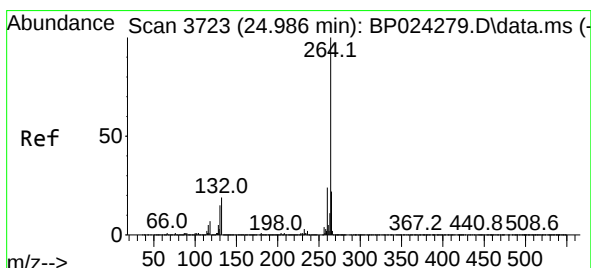
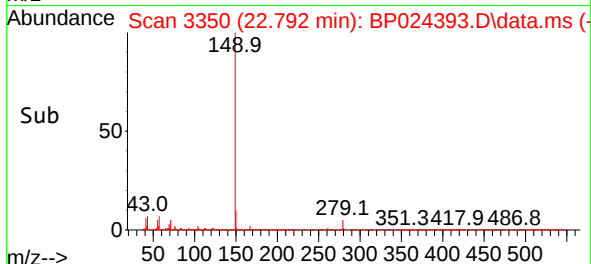
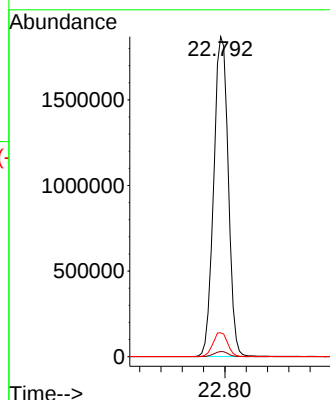
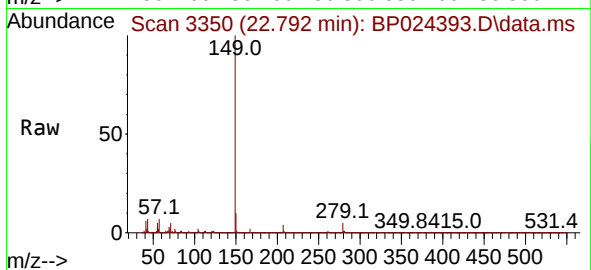
Tgt Ion:149 Resp: 3536396

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: 24.945 min Scan# 3716

Delta R.T. 0.012 min

Lab File: BP024393.D

Acq: 23 Apr 2025 12:46

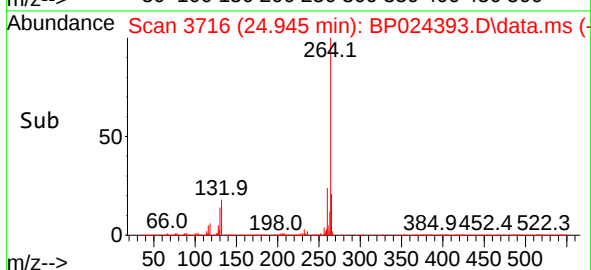
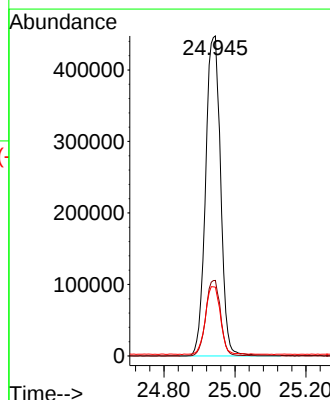
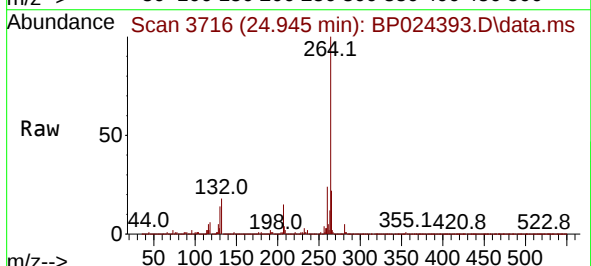
Tgt Ion:264 Resp: 1313197

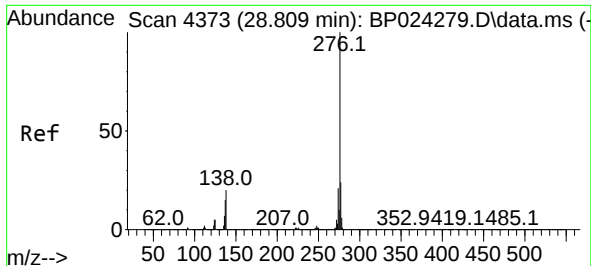
Ion Ratio Lower Upper

264 100

260 23.6 18.9 28.3

265 21.5 17.8 26.6

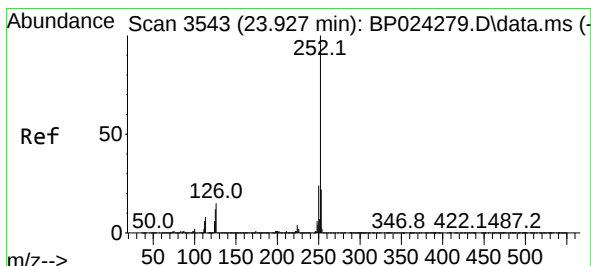
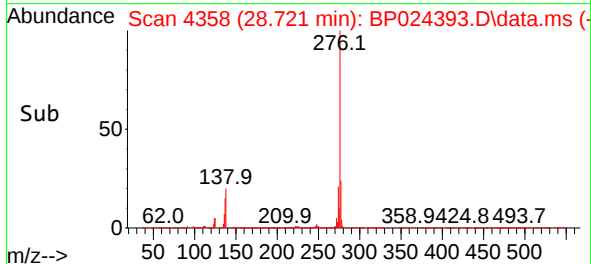
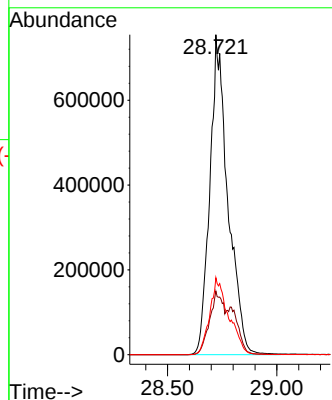
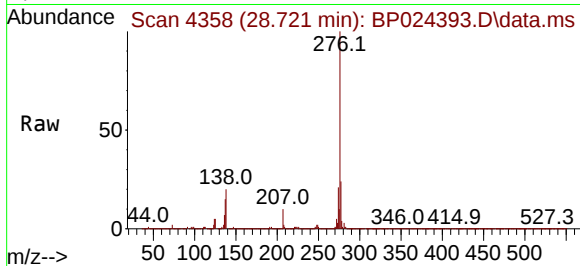




#87  
 Indeno(1,2,3-cd)pyrene  
 Concen: 47.649 ng  
 RT: 28.721 min Scan# 41  
 Delta R.T. -0.018 min  
 Lab File: BP024393.D  
 Acq: 23 Apr 2025 12:46

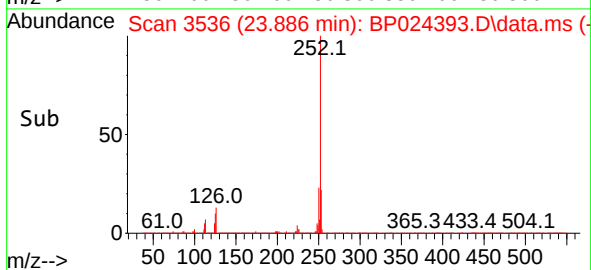
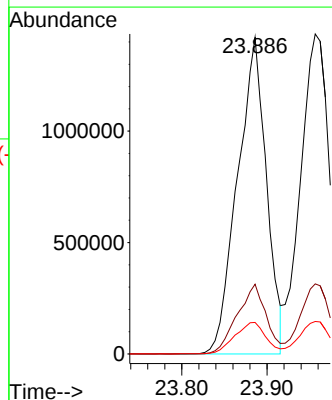
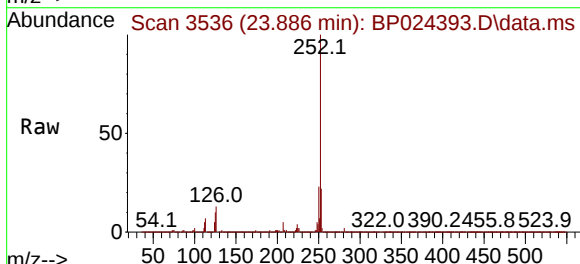
Instrument :  
 BNA\_P  
 ClientSampleId :  
 PB167700BS

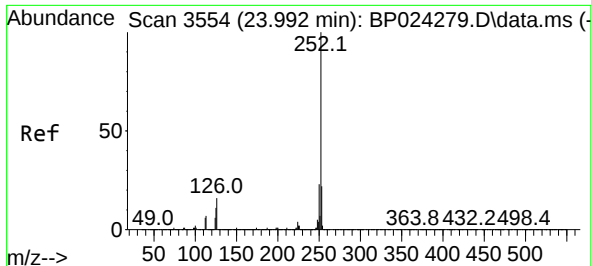
Tgt Ion:276 Resp: 4344060  
 Ion Ratio Lower Upper  
 276 100  
 138 15.7 14.5 21.7  
 277 25.3 20.2 30.2



#88  
 Benzo(b)fluoranthene  
 Concen: 42.609 ng  
 RT: 23.886 min Scan# 3536  
 Delta R.T. 0.000 min  
 Lab File: BP024393.D  
 Acq: 23 Apr 2025 12:46

Tgt Ion:252 Resp: 3353924  
 Ion Ratio Lower Upper  
 252 100  
 253 22.1 17.7 26.5  
 125 9.9 9.4 14.0

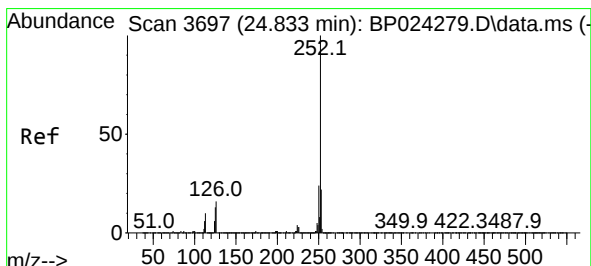
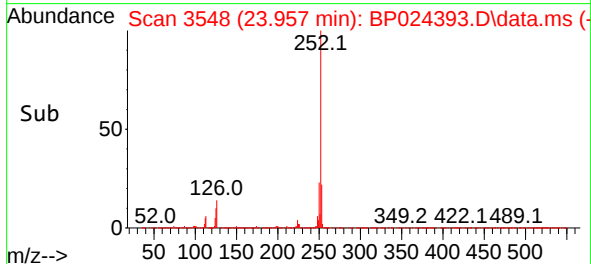
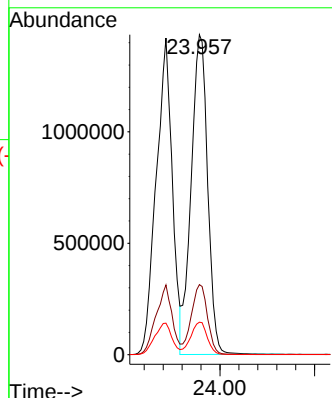
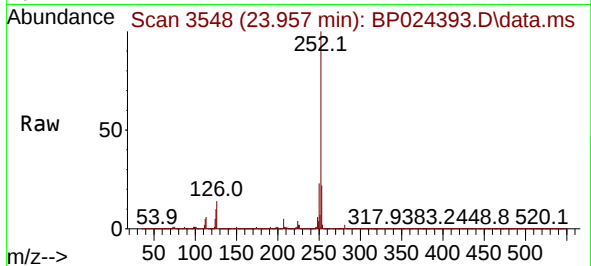




#89  
Benzo(k)fluoranthene  
Concen: 45.546 ng  
RT: 23.957 min Scan# 31  
Delta R.T. -0.000 min  
Lab File: BP024393.D  
Acq: 23 Apr 2025 12:46

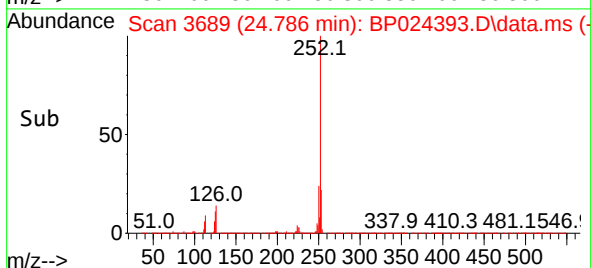
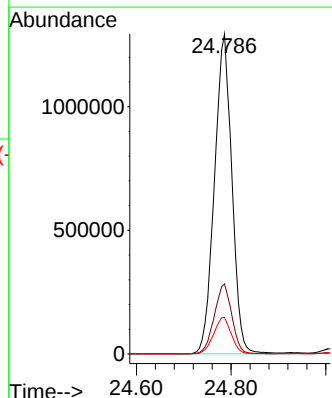
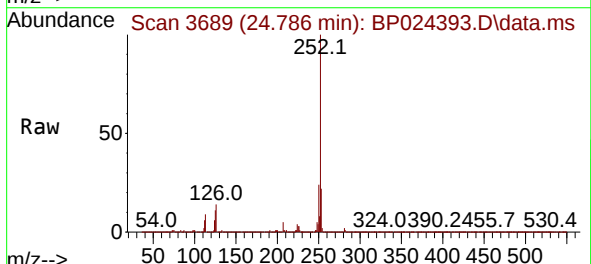
Instrument :  
BNA\_P  
ClientSampleId :  
PB167700BS

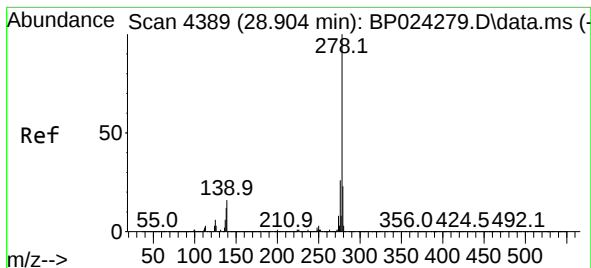
Tgt Ion:252 Resp: 3463039  
Ion Ratio Lower Upper  
252 100  
253 21.9 17.7 26.5  
125 10.2 9.1 13.7



#90  
Benzo(a)pyrene  
Concen: 48.731 ng  
RT: 24.786 min Scan# 3689  
Delta R.T. 0.006 min  
Lab File: BP024393.D  
Acq: 23 Apr 2025 12:46

Tgt Ion:252 Resp: 3308791  
Ion Ratio Lower Upper  
252 100  
253 21.9 17.6 26.4  
125 11.4 10.1 15.1





#91

Dibenzo(a,h)anthracene

Concen: 47.046 ng

RT: 28.803 min Scan# 41

Delta R.T. 0.000 min

Lab File: BP024393.D

Acq: 23 Apr 2025 12:46

Instrument :

BNA\_P

ClientSampleId :

PB167700BS

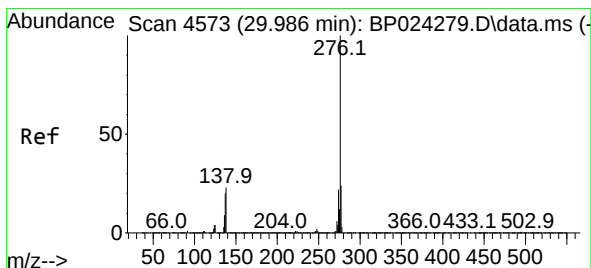
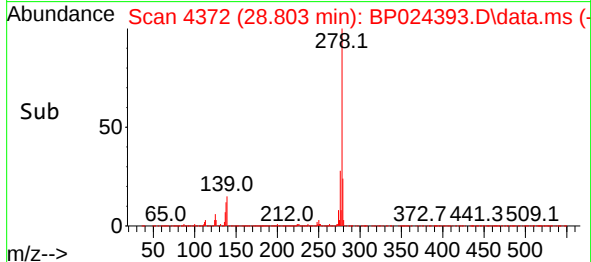
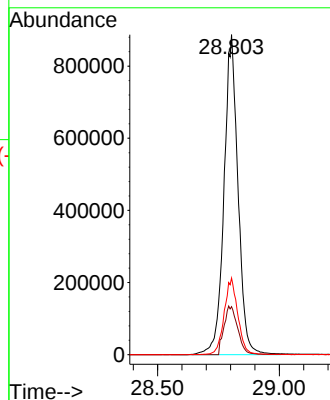
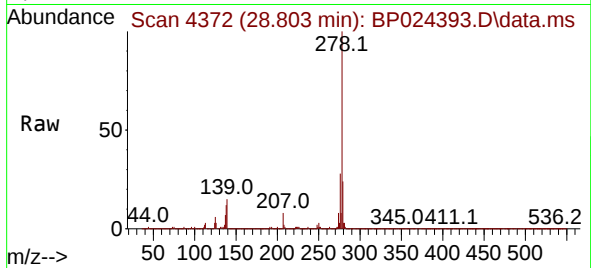
Tgt Ion:278 Resp: 3560029

Ion Ratio Lower Upper

278 100

139 15.0 12.6 19.0

279 24.0 18.5 27.7



#92

Benzo(g,h,i)perylene

Concen: 45.422 ng

RT: 29.897 min Scan# 4558

Delta R.T. 0.000 min

Lab File: BP024393.D

Acq: 23 Apr 2025 12:46

Tgt Ion:276 Resp: 3498517

Ion Ratio Lower Upper

276 100

277 23.8 18.9 28.3

138 22.4 18.7 28.1

