

Data Path : Z:\svoasrv\HPCHEM1\BNA\_P\Data\BP081525\  
 Data File : BP025450.D  
 Acq On : 16 Aug 2025 08:07  
 Operator : CG/JU  
 Sample : Q2832-02MSD  
 Misc :  
 ALS Vial : 29 Sample Multiplier: 1

Instrument :  
 BNA\_P  
 ClientSampleId :  
 TG-S01MSD

Quant Time: Aug 18 01:42:42 2025  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_P\Methods\8270E-BP081425.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Thu Aug 14 18:14:31 2025  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc    | Units | Dev(Min) |
|-------------------------------|--------|------|----------|---------|-------|----------|
| -----                         |        |      |          |         |       |          |
| Internal Standards            |        |      |          |         |       |          |
| 1) 1,4-Dichlorobenzene-d4     | 7.790  | 152  | 152685   | 20.000  | ng    | 0.00     |
| 21) Naphthalene-d8            | 10.554 | 136  | 625908   | 20.000  | ng    | 0.00     |
| 39) Acenaphthene-d10          | 14.407 | 164  | 422650   | 20.000  | ng    | 0.00     |
| 64) Phenanthrene-d10          | 17.207 | 188  | 867716   | 20.000  | ng    | 0.00     |
| 76) Chrysene-d12              | 21.642 | 240  | 888384   | 20.000  | ng    | 0.00     |
| 86) Perylene-d12              | 24.995 | 264  | 1010794  | 20.000  | ng    | -0.04    |
| System Monitoring Compounds   |        |      |          |         |       |          |
| 5) 2-Fluorophenol             | 5.414  | 112  | 1119343  | 121.747 | ng    | 0.00     |
| 7) Phenol-d6                  | 6.972  | 99   | 1387566  | 117.715 | ng    | 0.00     |
| 23) Nitrobenzene-d5           | 8.931  | 82   | 999251   | 80.759  | ng    | 0.00     |
| 42) 2,4,6-Tribromophenol      | 15.913 | 330  | 751556   | 132.109 | ng    | 0.00     |
| 45) 2-Fluorobiphenyl          | 13.019 | 172  | 2314862  | 74.854  | ng    | 0.00     |
| 79) Terphenyl-d14             | 19.919 | 244  | 4060286  | 83.619  | ng    | 0.00     |
| Target Compounds              |        |      |          |         |       |          |
|                               |        |      |          |         |       | Qvalue   |
| 2) 1,4-Dioxane                | 3.343  | 88   | 102145   | 28.364  | ng    | # 57     |
| 3) Pyridine                   | 3.743  | 79   | 224666   | 22.792  | ng    | 95       |
| 4) n-Nitrosodimethylamine     | 3.637  | 42   | 148951   | 36.654  | ng    | 95       |
| 6) Aniline                    | 7.125  | 93   | 326425   | 20.553  | ng    | 97       |
| 8) 2-Chlorophenol             | 7.366  | 128  | 412450   | 39.754  | ng    | 99       |
| 9) Benzaldehyde               | 6.943  | 77   | 124730   | 15.103  | ng    | 97       |
| 10) Phenol                    | 6.996  | 94   | 481135   | 38.899  | ng    | 96       |
| 11) bis(2-Chloroethyl)ether   | 7.219  | 93   | 353365   | 36.654  | ng    | 99       |
| 12) 1,3-Dichlorobenzene       | 7.684  | 146  | 341413   | 29.843  | ng    | 99       |
| 13) 1,4-Dichlorobenzene       | 7.825  | 146  | 358602   | 30.668  | ng    | 99       |
| 14) 1,2-Dichlorobenzene       | 8.137  | 146  | 353942   | 31.269  | ng    | 98       |
| 15) Benzyl Alcohol            | 8.025  | 79   | 398669   | 42.566  | ng    | 97       |
| 16) 2,2'-oxybis(1-Chloropr... | 8.313  | 45   | 478030   | 37.015  | ng    | 98       |
| 17) 2-Methylphenol            | 8.225  | 107  | 364348   | 42.413  | ng    | 99       |
| 18) Hexachloroethane          | 8.860  | 117  | 128486   | 29.885  | ng    | 98       |
| 19) n-Nitroso-di-n-propyla... | 8.584  | 70   | 305739   | 39.158  | ng    | 97       |
| 20) 3+4-Methylphenols         | 8.549  | 107  | 516104   | 43.342  | ng    | 97       |
| 22) Acetophenone              | 8.602  | 105  | 611367   | 38.949  | ng    | # 98     |
| 24) Nitrobenzene              | 8.966  | 77   | 438312   | 39.637  | ng    | 97       |
| 25) Isophorone                | 9.496  | 82   | 921219   | 42.070  | ng    | 99       |
| 26) 2-Nitrophenol             | 9.672  | 139  | 225491   | 39.733  | ng    | 98       |
| 27) 2,4-Dimethylphenol        | 9.737  | 122  | 448844   | 45.990  | ng    | 100      |
| 28) bis(2-Chloroethoxy)met... | 9.966  | 93   | 545917   | 41.243  | ng    | 99       |
| 29) 2,4-Dichlorophenol        | 10.207 | 162  | 455810   | 47.015  | ng    | 99       |
| 30) 1,2,4-Trichlorobenzene    | 10.419 | 180  | 385424   | 36.265  | ng    | 96       |
| 31) Naphthalene               | 10.607 | 128  | 1245344  | 38.281  | ng    | 100      |
| 32) Benzoic acid              | 9.849  | 122  | 143510   | 19.917  | ng    | 93       |
| 33) 4-Chloroaniline           | 10.707 | 127  | 163507   | 11.378  | ng    | 98       |
| 34) Hexachlorobutadiene       | 10.896 | 225  | 229173   | 34.625  | ng    | 97       |
| 35) Caprolactam               | 11.490 | 113  | 95054    | 26.738  | ng    | 95       |
| 36) 4-Chloro-3-methylphenol   | 11.837 | 107  | 552710   | 49.683  | ng    | 98       |
| 37) 2-Methylnaphthalene       | 12.213 | 142  | 879639   | 41.550  | ng    | 99       |
| 38) 1-Methylnaphthalene       | 12.431 | 142  | 926237   | 41.140  | ng    | 99       |
| 40) 1,2,4,5-Tetrachloroben... | 12.584 | 216  | 502447   | 41.162  | ng    | 98       |
| 41) Hexachlorocyclopentadiene | 12.566 | 237  | 500410   | 67.868  | ng    | 99       |
| 43) 2,4,6-Trichlorophenol     | 12.819 | 196  | 394645   | 47.889  | ng    | 98       |

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 Sample : Q2832-02MSD  
 Misc :  
 ALS Vial : 29 Sample Multiplier: 1

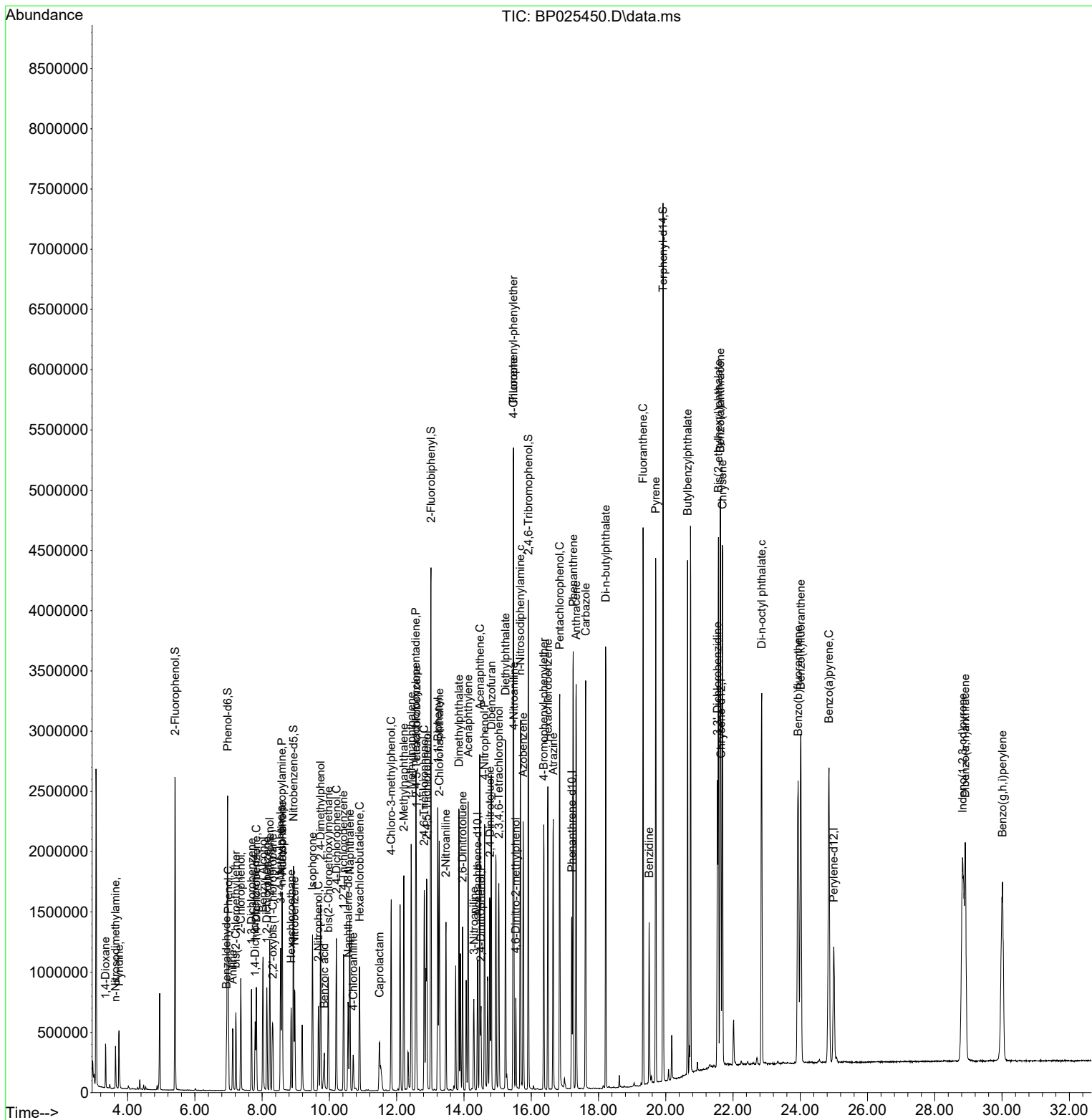
Instrument :  
 BNA\_P  
 ClientSampleId :  
 TG-S01MSD

Quant Time: Aug 18 01:42:42 2025  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_P\Methods\8270E-BP081425.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Thu Aug 14 18:14:31 2025  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc   | Units | Dev(Min) |
|-------------------------------|--------|------|----------|--------|-------|----------|
| 44) 2,4,5-Trichlorophenol     | 12.895 | 196  | 434241   | 48.080 | ng    | 98       |
| 46) 1,1'-Biphenyl             | 13.225 | 154  | 1344882  | 43.814 | ng    | 99       |
| 47) 2-Chloronaphthalene       | 13.266 | 162  | 1023664  | 42.838 | ng    | 99       |
| 48) 2-Nitroaniline            | 13.466 | 65   | 360205   | 51.733 | ng    | 100      |
| 49) Acenaphthylene            | 14.125 | 152  | 1762818  | 44.582 | ng    | 99       |
| 50) Dimethylphthalate         | 13.854 | 163  | 1453848  | 46.974 | ng    | 100      |
| 51) 2,6-Dinitrotoluene        | 13.960 | 165  | 324485   | 49.742 | ng    | 96       |
| 52) Acenaphthene              | 14.472 | 154  | 1123015  | 48.385 | ng    | 100      |
| 53) 3-Nitroaniline            | 14.295 | 138  | 219062   | 29.847 | ng    | 96       |
| 54) 2,4-Dinitrophenol         | 14.507 | 184  | 140145   | 40.229 | ng    | 97       |
| 55) Dibenzofuran              | 14.813 | 168  | 1657330  | 45.165 | ng    | 99       |
| 56) 4-Nitrophenol             | 14.613 | 139  | 565622   | 93.784 | ng    | 89       |
| 57) 2,4-Dinitrotoluene        | 14.772 | 165  | 479197   | 51.486 | ng    | 98       |
| 58) Fluorene                  | 15.472 | 166  | 1317796  | 45.512 | ng    | 98       |
| 59) 2,3,4,6-Tetrachlorophenol | 15.037 | 232  | 397256   | 49.814 | ng    | 97       |
| 60) Diethylphthalate          | 15.237 | 149  | 1491282  | 47.420 | ng    | 100      |
| 61) 4-Chlorophenyl-phenyle... | 15.466 | 204  | 638866   | 44.365 | ng    | 95       |
| 62) 4-Nitroaniline            | 15.484 | 138  | 346090   | 45.997 | ng    | 95       |
| 63) Azobenzene                | 15.760 | 77   | 1340309  | 49.773 | ng    | 98       |
| 65) 4,6-Dinitro-2-methylph... | 15.542 | 198  | 152039   | 28.109 | ng    | 88       |
| 66) n-Nitrosodiphenylamine    | 15.678 | 169  | 1245853  | 47.084 | ng    | 100      |
| 67) 4-Bromophenyl-phenylether | 16.372 | 248  | 434693   | 45.550 | ng    | 94       |
| 68) Hexachlorobenzene         | 16.495 | 284  | 511055   | 46.197 | ng    | 97       |
| 69) Atrazine                  | 16.654 | 200  | 445042   | 44.911 | ng    | 97       |
| 70) Pentachlorophenol         | 16.848 | 266  | 616953   | 88.347 | ng    | 98       |
| 71) Phenanthrene              | 17.248 | 178  | 2244223  | 47.082 | ng    | 100      |
| 72) Anthracene                | 17.336 | 178  | 2315498  | 47.569 | ng    | 100      |
| 73) Carbazole                 | 17.619 | 167  | 2208948  | 48.178 | ng    | 99       |
| 74) Di-n-butylphthalate       | 18.213 | 149  | 2686045  | 47.616 | ng    | 100      |
| 75) Fluoranthene              | 19.325 | 202  | 2704873  | 47.573 | ng    | 98       |
| 77) Benzidine                 | 19.507 | 184  | 829917   | 27.373 | ng    | 99       |
| 78) Pyrene                    | 19.701 | 202  | 2846746  | 49.301 | ng    | 100      |
| 80) Butylbenzylphthalate      | 20.648 | 149  | 1296053  | 49.525 | ng    | 98       |
| 81) Benzo(a)anthracene        | 21.624 | 228  | 2793394  | 47.678 | ng    | 100      |
| 82) 3,3'-Dichlorobenzidine    | 21.536 | 252  | 778861   | 35.269 | ng    | 99       |
| 83) Chrysene                  | 21.689 | 228  | 2666882  | 48.605 | ng    | 99       |
| 84) Bis(2-ethylhexyl)phtha... | 21.566 | 149  | 1885442  | 48.943 | ng    | 99       |
| 85) Di-n-octyl phthalate      | 22.854 | 149  | 3281395  | 49.522 | ng    | 99       |
| 87) Indeno(1,2,3-cd)pyrene    | 28.824 | 276  | 3172742  | 42.801 | ng    | # 92     |
| 88) Benzo(b)fluoranthene      | 23.936 | 252  | 2925656  | 49.085 | ng    | 99       |
| 89) Benzo(k)fluoranthene      | 24.013 | 252  | 2961772  | 49.657 | ng    | 99       |
| 90) Benzo(a)pyrene            | 24.854 | 252  | 2856583  | 49.235 | ng    | 98       |
| 91) Dibenzo(a,h)anthracene    | 28.906 | 278  | 2912079  | 48.072 | ng    | 99       |
| 92) Benzo(g,h,i)perylene      | 30.012 | 276  | 2872944  | 48.247 | ng    | 99       |

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

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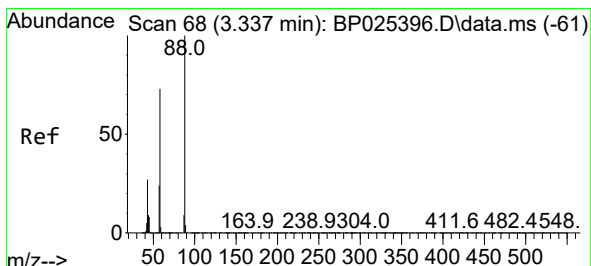
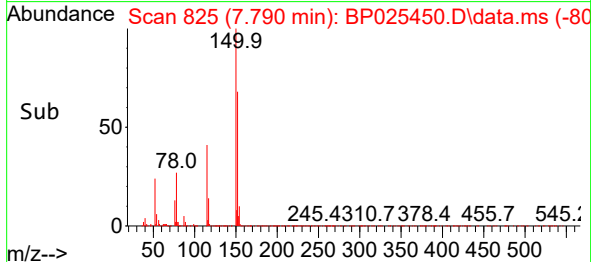
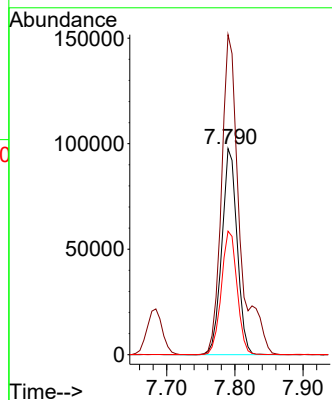
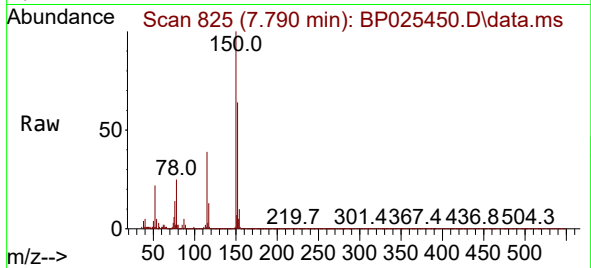




#1  
 1,4-Dichlorobenzene-d4  
 Concen: 20.000 ng  
 RT: 7.790 min Scan# 81  
 Delta R.T. -0.006 min  
 Lab File: BP025450.D  
 Acq: 16 Aug 2025 08:07

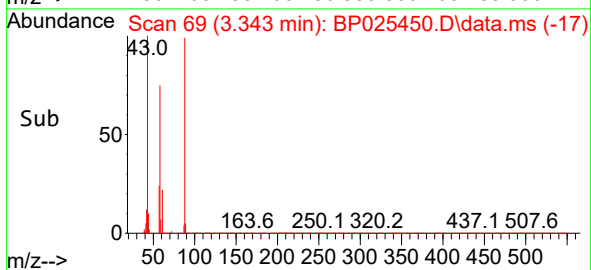
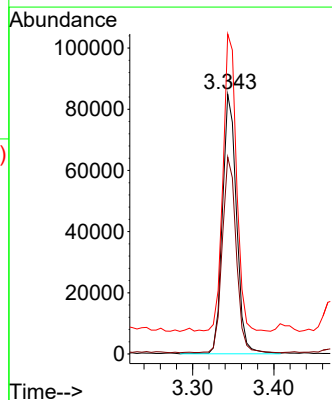
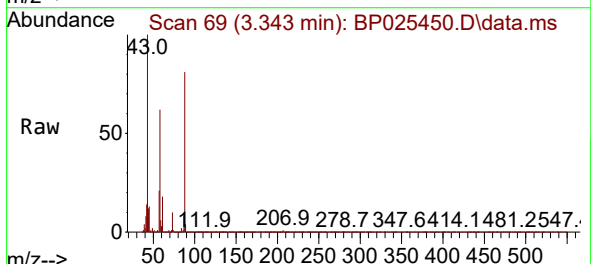
Instrument :  
 BNA\_P  
 ClientSampleId :  
 TG-S01MSD

Tgt Ion:152 Resp: 152685  
 Ion Ratio Lower Upper  
 152 100  
 150 155.3 125.9 188.9  
 115 59.9 48.5 72.7



#2  
 1,4-Dioxane  
 Concen: 28.364 ng  
 RT: 3.343 min Scan# 69  
 Delta R.T. 0.006 min  
 Lab File: BP025450.D  
 Acq: 16 Aug 2025 08:07

Tgt Ion: 88 Resp: 102145  
 Ion Ratio Lower Upper  
 88 100  
 58 74.8 59.2 88.8  
 43 109.9 21.7 32.5#

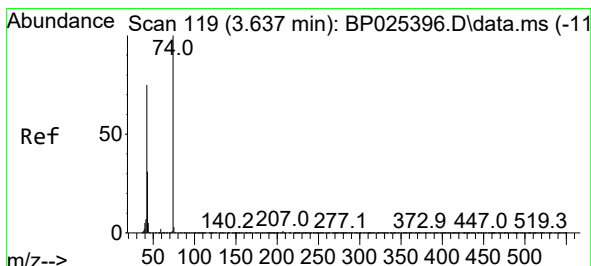
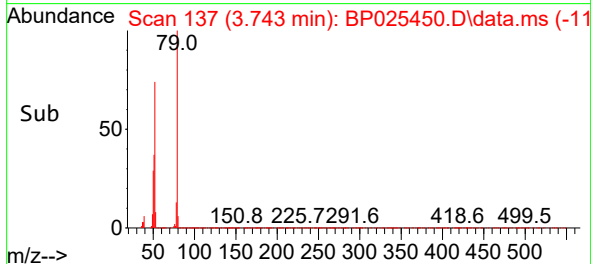
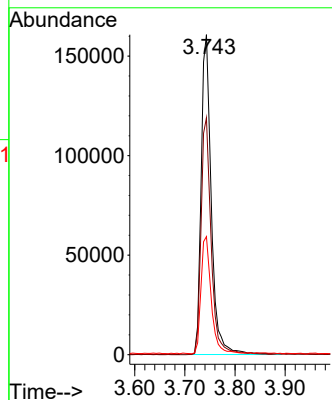
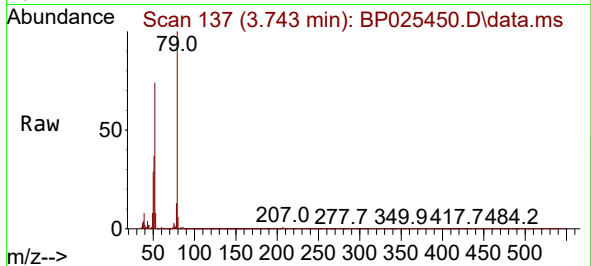




#3  
Pyridine  
Concen: 22.792 ng  
RT: 3.743 min Scan# 117  
Delta R.T. 0.012 min  
Lab File: BP025450.D  
Acq: 16 Aug 2025 08:07

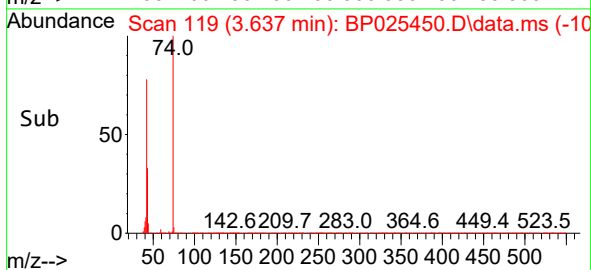
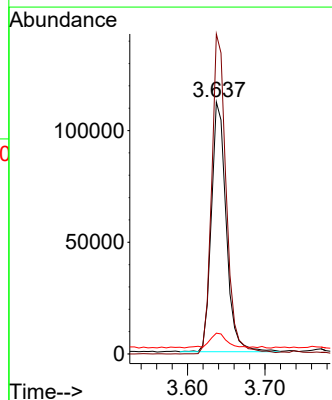
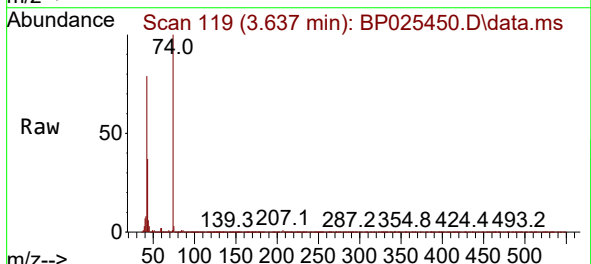
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BNA\_P  
ClientSampleId :  
TG-S01MSD

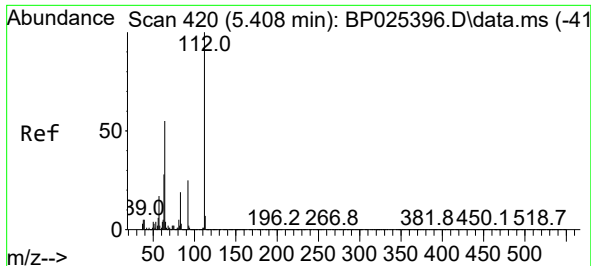
Tgt Ion: 79 Resp: 224666  
Ion Ratio Lower Upper  
79 100  
52 74.0 55.5 83.3  
51 36.9 28.3 42.5



#4  
n-Nitrosodimethylamine  
Concen: 36.654 ng  
RT: 3.637 min Scan# 119  
Delta R.T. 0.000 min  
Lab File: BP025450.D  
Acq: 16 Aug 2025 08:07

Tgt Ion: 42 Resp: 148951  
Ion Ratio Lower Upper  
42 100  
74 127.0 107.0 160.4  
44 8.2 6.2 9.4

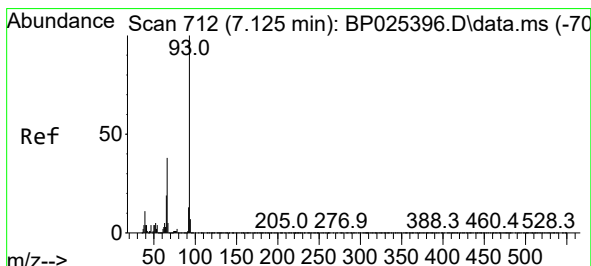
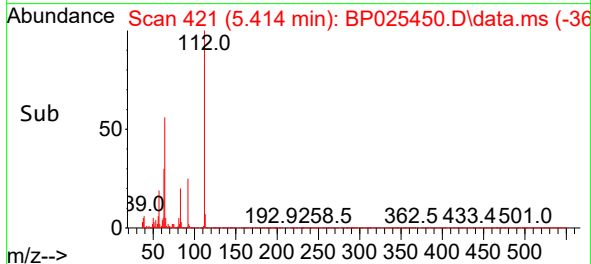
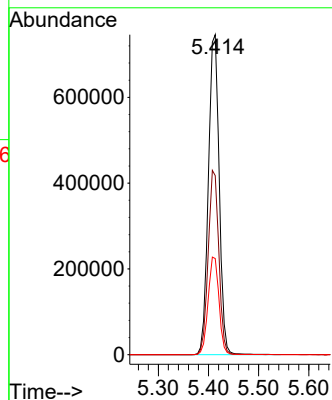
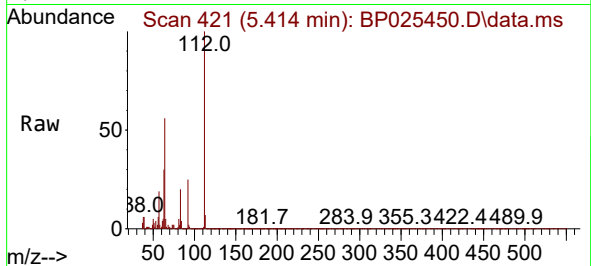




#5  
2-Fluorophenol  
Concen: 121.747 ng  
RT: 5.414 min Scan# 41  
Delta R.T. 0.006 min  
Lab File: BP025450.D  
Acq: 16 Aug 2025 08:07

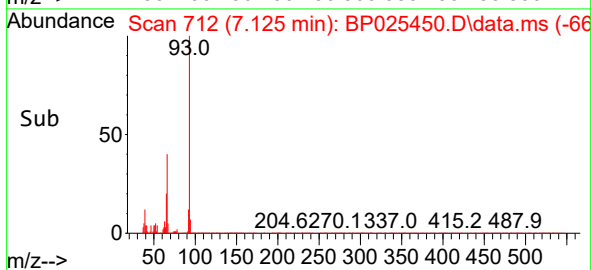
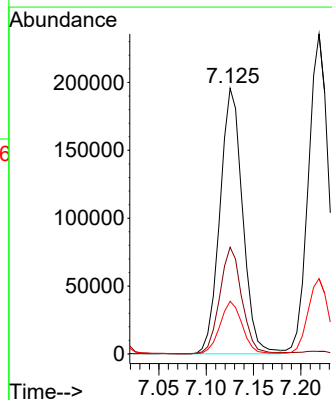
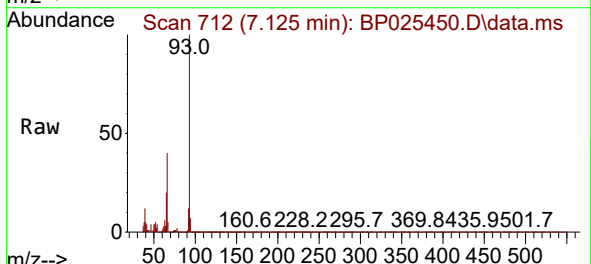
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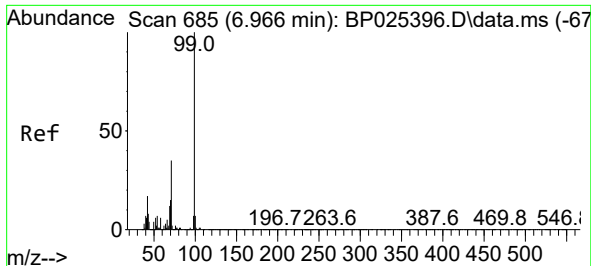
Tgt Ion:112 Resp: 1119343  
Ion Ratio Lower Upper  
112 100  
64 56.0 43.8 65.8  
63 30.0 22.7 34.1



#6  
Aniline  
Concen: 20.553 ng  
RT: 7.125 min Scan# 712  
Delta R.T. 0.000 min  
Lab File: BP025450.D  
Acq: 16 Aug 2025 08:07

Tgt Ion: 93 Resp: 326425  
Ion Ratio Lower Upper  
93 100  
66 40.2 30.4 45.6  
65 19.8 15.3 22.9

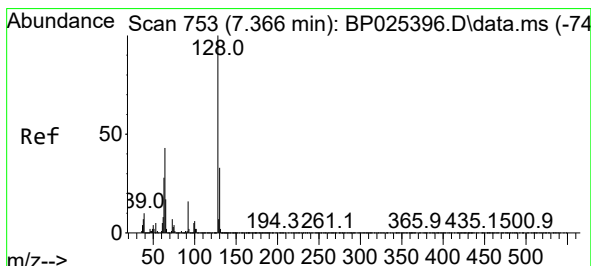
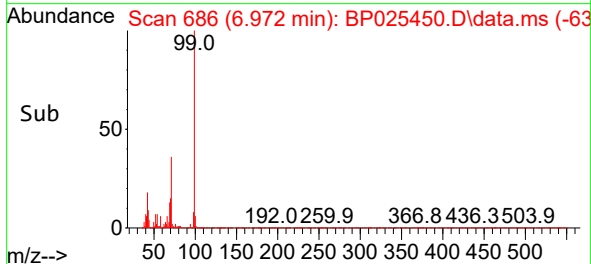
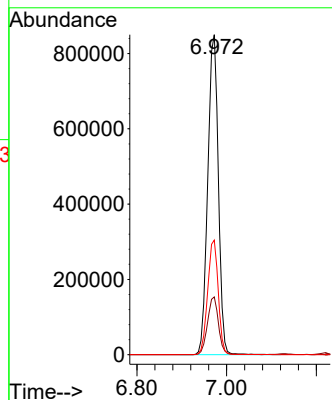
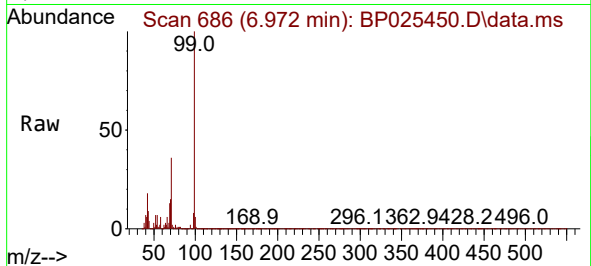




#7  
Phenol-d6  
Concen: 117.715 ng  
RT: 6.972 min Scan# 686  
Delta R.T. 0.006 min  
Lab File: BP025450.D  
Acq: 16 Aug 2025 08:07

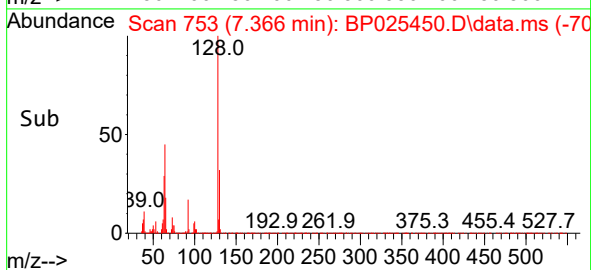
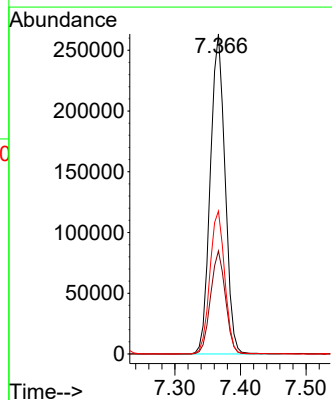
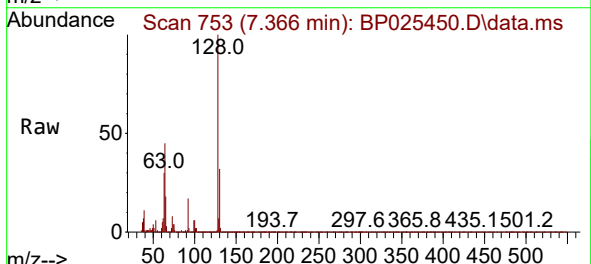
Instrument :  
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ClientSampleId :  
TG-S01MSD

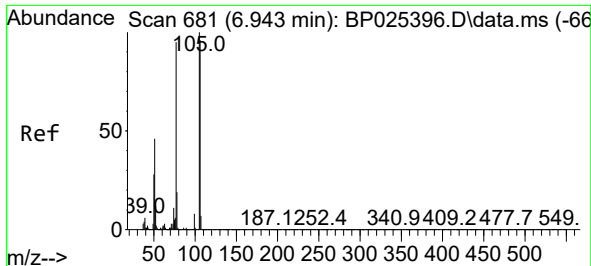
Tgt Ion: 99 Resp: 1387566  
Ion Ratio Lower Upper  
99 100  
42 18.1 13.7 20.5  
71 35.8 28.2 42.4



#8  
2-Chlorophenol  
Concen: 39.754 ng  
RT: 7.366 min Scan# 753  
Delta R.T. 0.000 min  
Lab File: BP025450.D  
Acq: 16 Aug 2025 08:07

Tgt Ion: 128 Resp: 412450  
Ion Ratio Lower Upper  
128 100  
130 32.2 12.6 52.6  
64 44.6 23.4 63.4

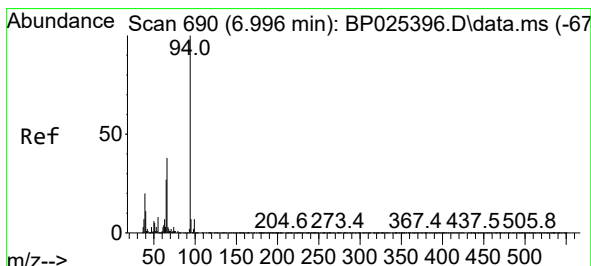
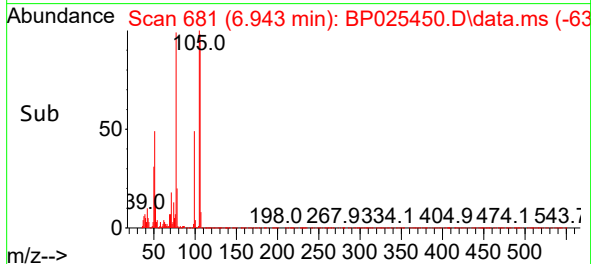
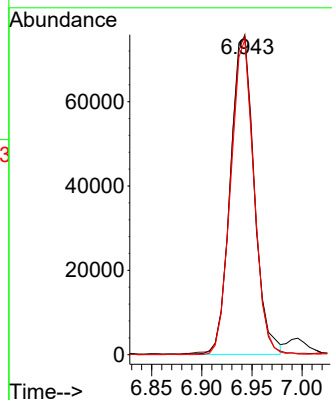
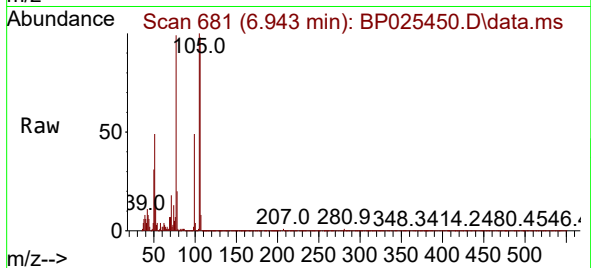




#9  
Benzaldehyde  
Concen: 15.103 ng  
RT: 6.943 min Scan# 61  
Delta R.T. 0.000 min  
Lab File: BP025450.D  
Acq: 16 Aug 2025 08:07

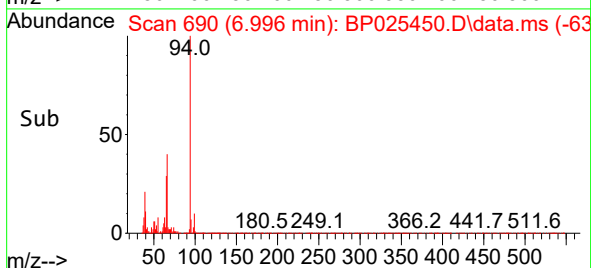
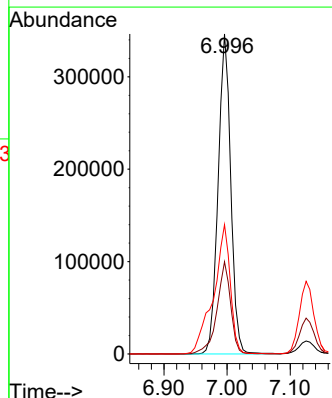
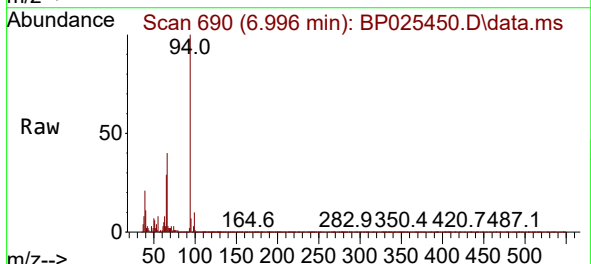
Instrument :  
BNA\_P  
ClientSampleId :  
TG-S01MSD

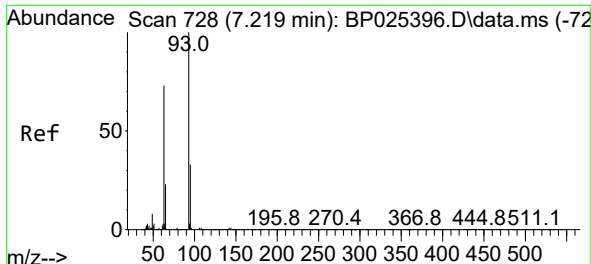
Tgt Ion: 77 Resp: 124730  
Ion Ratio Lower Upper  
77 100  
105 100.7 84.8 124.8  
106 99.2 80.5 120.5



#10  
Phenol  
Concen: 38.899 ng  
RT: 6.996 min Scan# 690  
Delta R.T. 0.000 min  
Lab File: BP025450.D  
Acq: 16 Aug 2025 08:07

Tgt Ion: 94 Resp: 481135  
Ion Ratio Lower Upper  
94 100  
65 28.8 6.8 46.8  
66 40.4 18.2 58.2

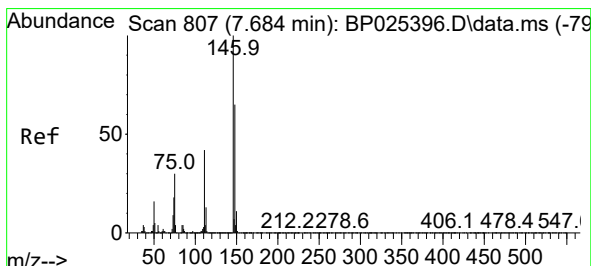
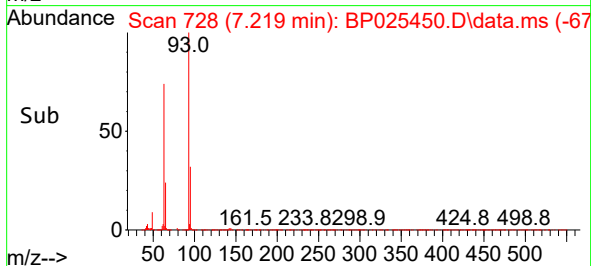
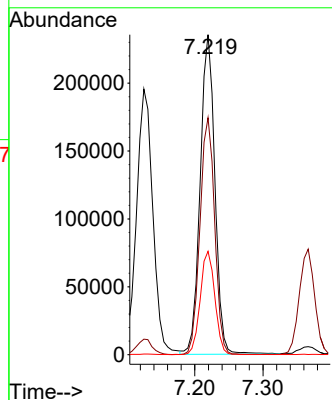
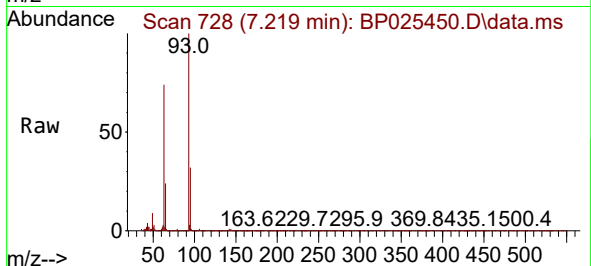




#11  
bis(2-Chloroethyl)ether  
Concen: 36.654 ng  
RT: 7.219 min Scan# 728  
Delta R.T. 0.000 min  
Lab File: BP025450.D  
Acq: 16 Aug 2025 08:07

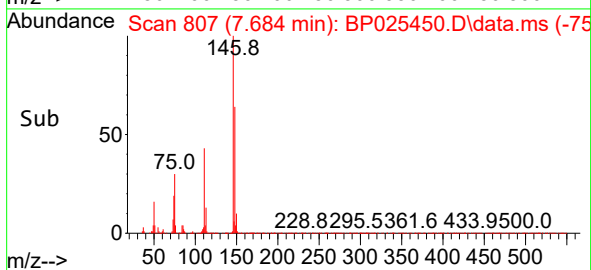
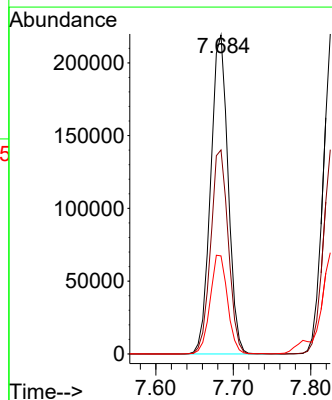
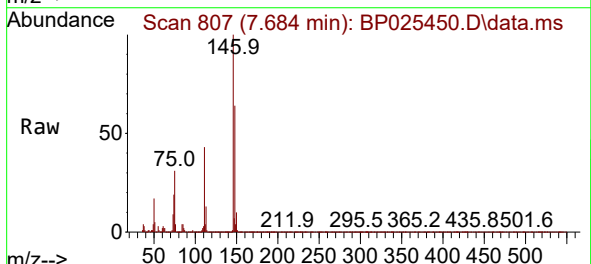
Instrument :  
BNA\_P  
ClientSampleId :  
TG-S01MSD

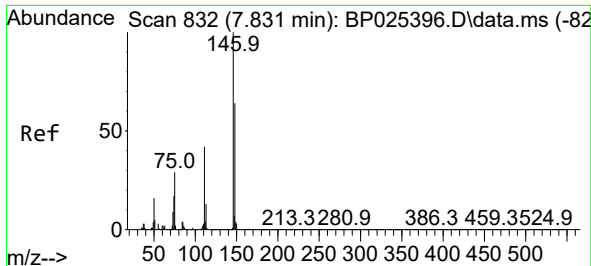
Tgt Ion: 93 Resp: 353365  
Ion Ratio Lower Upper  
93 100  
63 74.1 52.6 92.6  
95 32.3 12.7 52.7



#12  
1,3-Dichlorobenzene  
Concen: 29.843 ng  
RT: 7.684 min Scan# 807  
Delta R.T. 0.000 min  
Lab File: BP025450.D  
Acq: 16 Aug 2025 08:07

Tgt Ion: 146 Resp: 341413  
Ion Ratio Lower Upper  
146 100  
148 64.0 51.9 77.9  
75 30.8 23.7 35.5

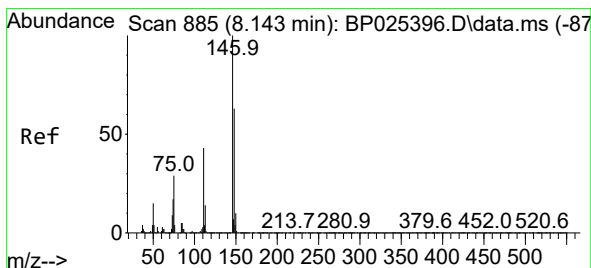
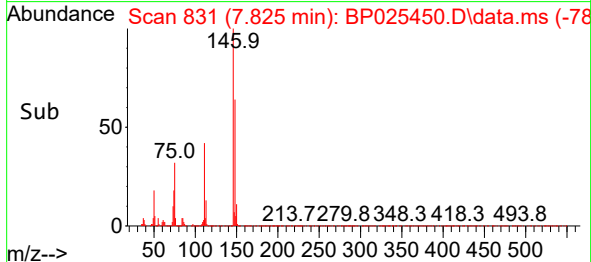
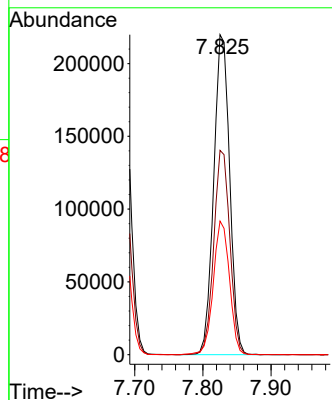
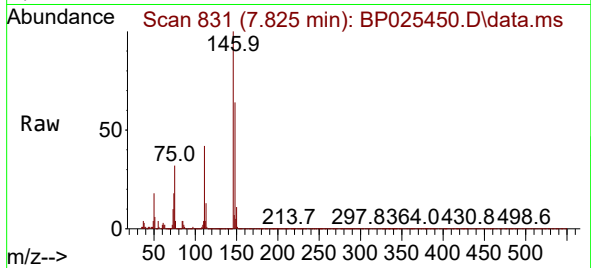




#13  
1,4-Dichlorobenzene  
Concen: 30.668 ng  
RT: 7.825 min Scan# 81  
Delta R.T. -0.006 min  
Lab File: BP025450.D  
Acq: 16 Aug 2025 08:07

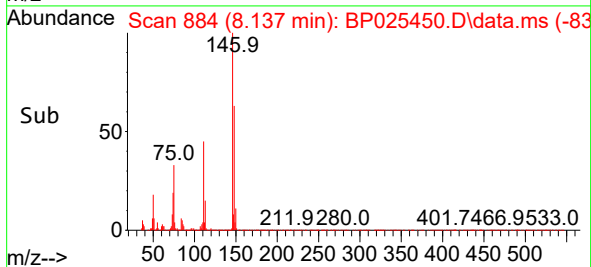
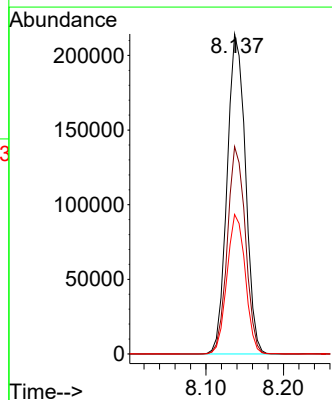
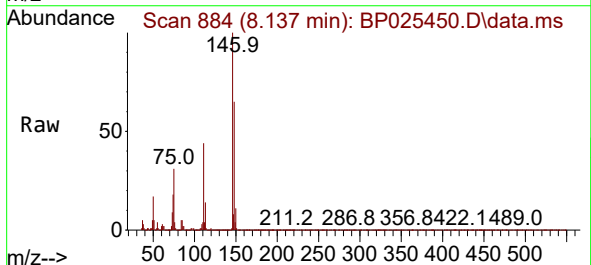
Instrument :  
BNA\_P  
ClientSampleId :  
TG-S01MSD

Tgt Ion:146 Resp: 358602  
Ion Ratio Lower Upper  
146 100  
148 63.9 51.6 77.4  
111 41.7 33.4 50.0



#14  
1,2-Dichlorobenzene  
Concen: 31.269 ng  
RT: 8.137 min Scan# 884  
Delta R.T. -0.006 min  
Lab File: BP025450.D  
Acq: 16 Aug 2025 08:07

Tgt Ion:146 Resp: 353942  
Ion Ratio Lower Upper  
146 100  
148 64.8 50.4 75.6  
111 43.6 34.5 51.7

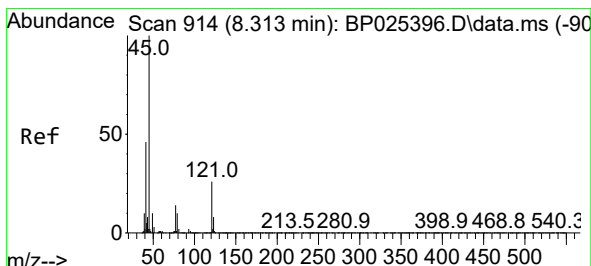
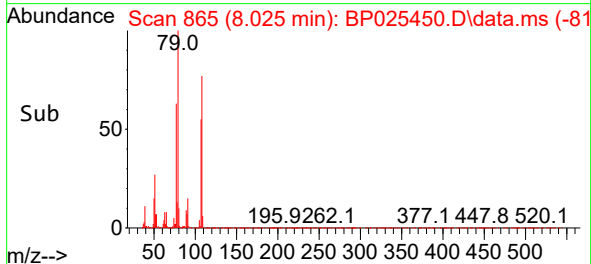
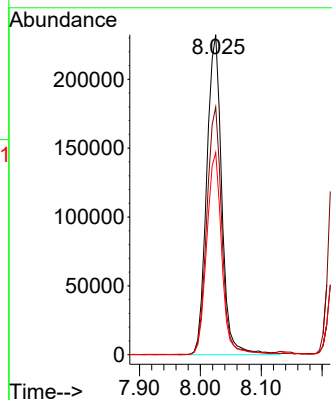
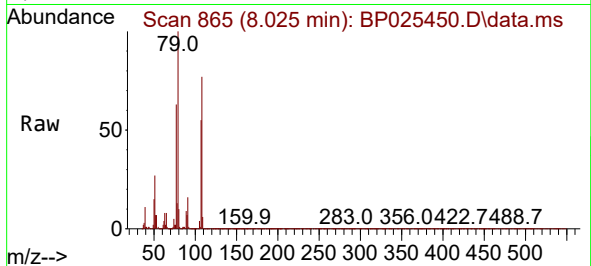




#15  
Benzyl Alcohol  
Concen: 42.566 ng  
RT: 8.025 min Scan# 80  
Delta R.T. 0.000 min  
Lab File: BP025450.D  
Acq: 16 Aug 2025 08:07

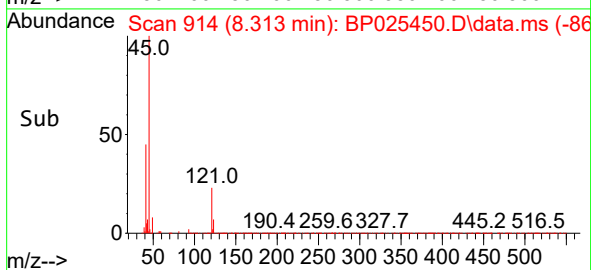
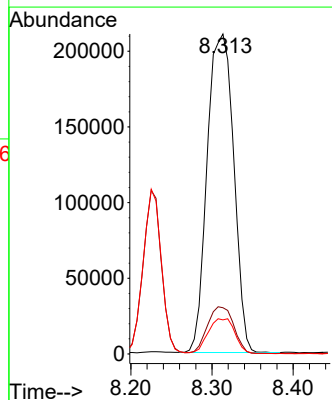
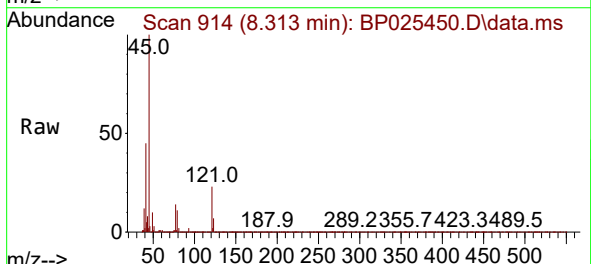
Instrument :  
BNA\_P  
ClientSampleId :  
TG-S01MSD

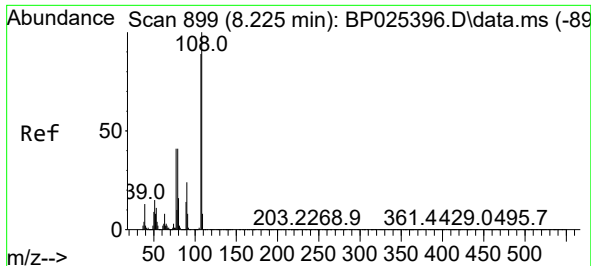
Tgt Ion: 79 Resp: 398669  
Ion Ratio Lower Upper  
79 100  
108 77.4 63.8 95.6  
77 63.2 49.0 73.4



#16  
2,2'-oxybis(1-Chloropropane)  
Concen: 37.015 ng  
RT: 8.313 min Scan# 914  
Delta R.T. 0.000 min  
Lab File: BP025450.D  
Acq: 16 Aug 2025 08:07

Tgt Ion: 45 Resp: 478030  
Ion Ratio Lower Upper  
45 100  
77 14.4 0.0 35.3  
79 10.7 0.0 31.8

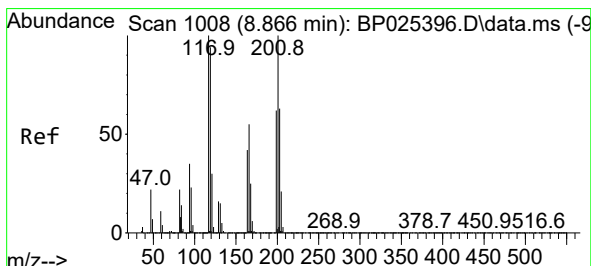
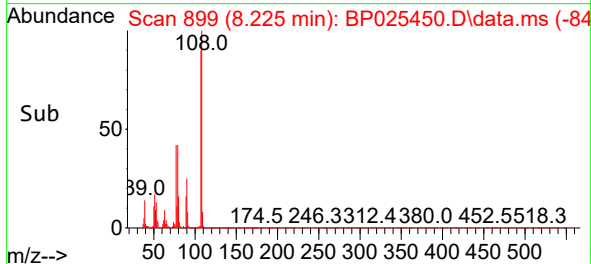
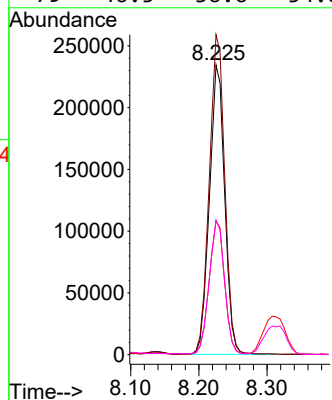
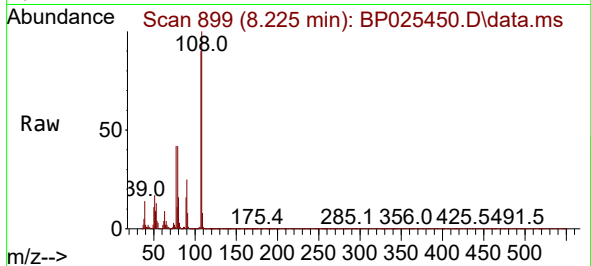




#17  
2-Methylphenol  
Concen: 42.413 ng  
RT: 8.225 min Scan# 899  
Delta R.T. 0.000 min  
Lab File: BP025450.D  
Acq: 16 Aug 2025 08:07

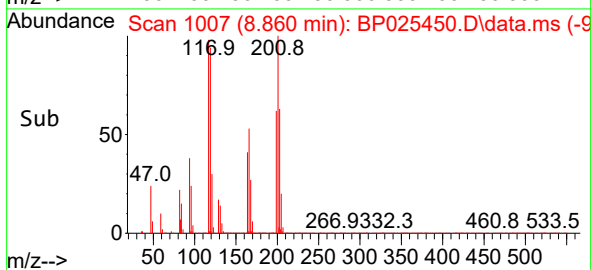
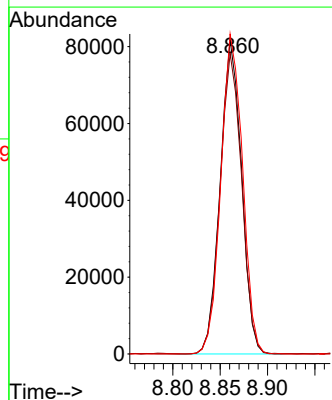
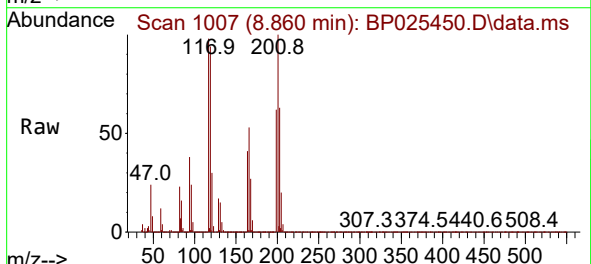
Instrument :  
BNA\_P  
ClientSampleId :  
TG-S01MSD

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 107   | Resp: | 364348 |
| Ion      | Ratio | Lower | Upper  |
| 107      | 100   |       |        |
| 108      | 110.5 | 89.4  | 134.0  |
| 77       | 46.1  | 36.3  | 54.5   |
| 79       | 46.5  | 36.6  | 54.8   |



#18  
Hexachloroethane  
Concen: 29.885 ng  
RT: 8.860 min Scan# 1007  
Delta R.T. -0.006 min  
Lab File: BP025450.D  
Acq: 16 Aug 2025 08:07

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 117   | Resp: | 128486 |
| Ion      | Ratio | Lower | Upper  |
| 117      | 100   |       |        |
| 119      | 95.7  | 75.1  | 112.7  |
| 201      | 101.9 | 80.1  | 120.1  |

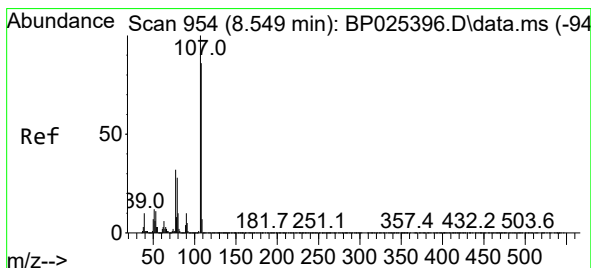
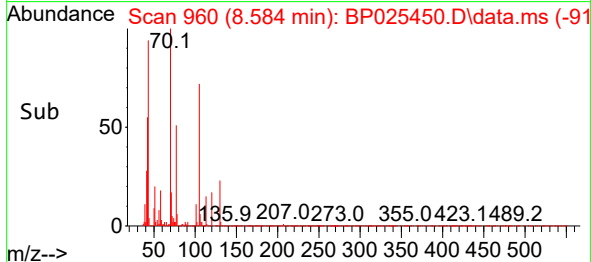
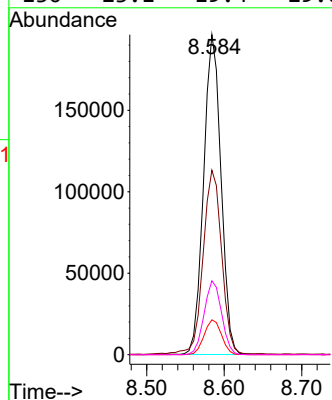
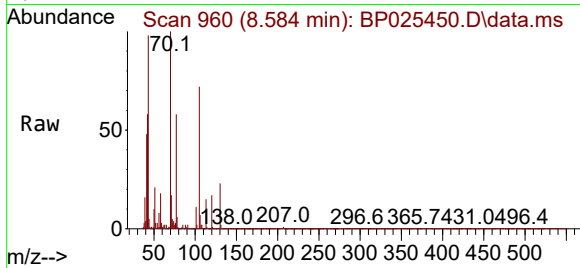




#19  
n-Nitroso-di-n-propylamine  
Concen: 39.158 ng  
RT: 8.584 min Scan# 91  
Delta R.T. -0.006 min  
Lab File: BP025450.D  
Acq: 16 Aug 2025 08:07

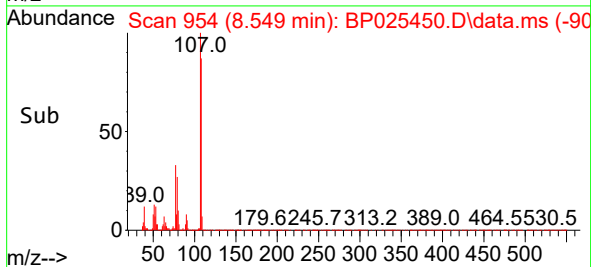
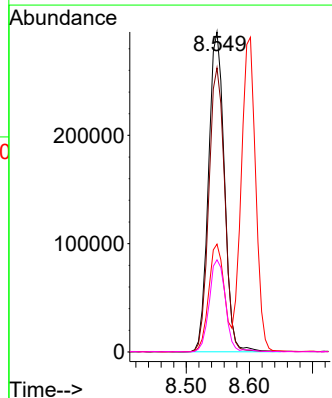
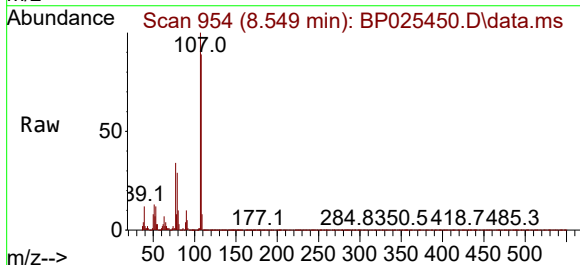
Instrument :  
BNA\_P  
ClientSampleId :  
TG-S01MSD

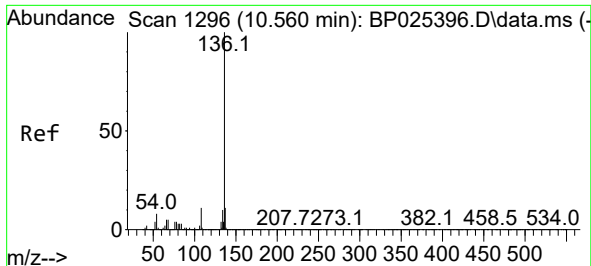
Tgt Ion: 70 Resp: 305739  
Ion Ratio Lower Upper  
70 100  
42 57.6 43.8 65.6  
101 10.9 8.5 12.7  
130 23.1 19.4 29.0



#20  
3+4-Methylphenols  
Concen: 43.342 ng  
RT: 8.549 min Scan# 954  
Delta R.T. 0.000 min  
Lab File: BP025450.D  
Acq: 16 Aug 2025 08:07

Tgt Ion: 107 Resp: 516104  
Ion Ratio Lower Upper  
107 100  
108 88.8 66.3 106.3  
77 33.7 12.3 52.3  
79 28.8 7.8 47.8

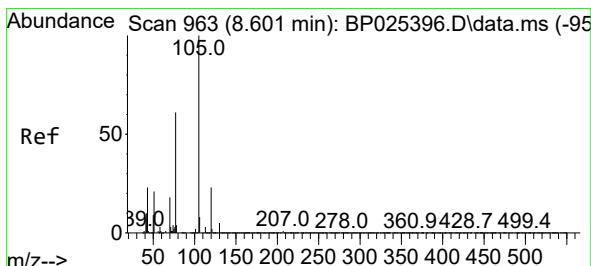
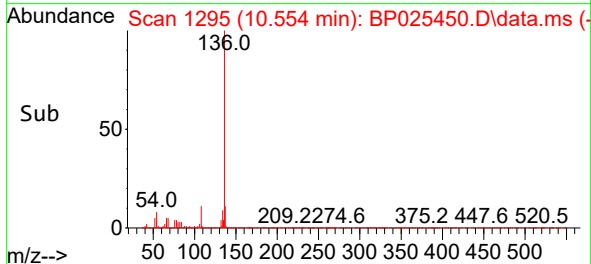
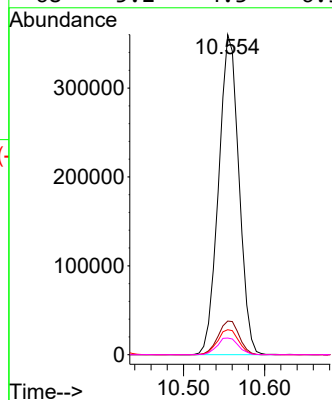
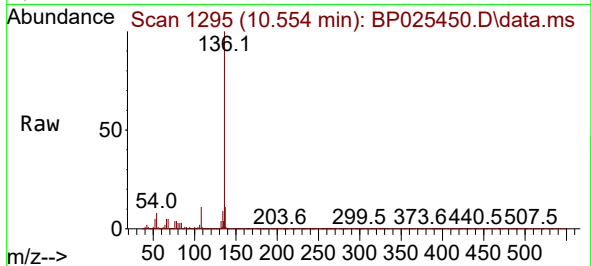




#21  
Naphthalene-d8  
Concen: 20.000 ng  
RT: 10.554 min Scan# 1296  
Delta R.T. -0.006 min  
Lab File: BP025450.D  
Acq: 16 Aug 2025 08:07

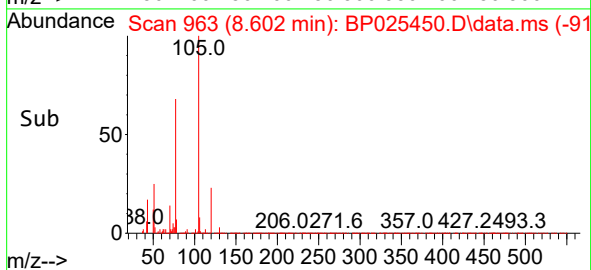
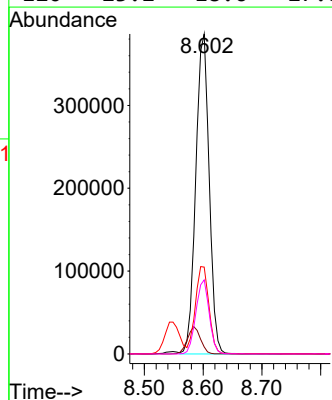
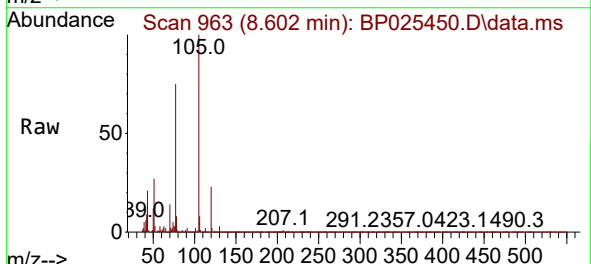
Instrument :  
BNA\_P  
ClientSampleId :  
TG-S01MSD

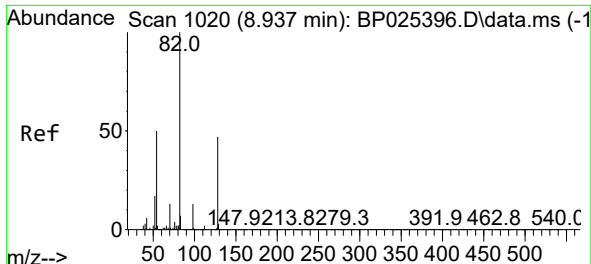
Tgt Ion:136 Resp: 625908  
Ion Ratio Lower Upper  
136 100  
137 10.5 9.2 13.8  
54 7.8 6.0 9.0  
68 5.2 4.3 6.5



#22  
Acetophenone  
Concen: 38.949 ng  
RT: 8.602 min Scan# 963  
Delta R.T. 0.000 min  
Lab File: BP025450.D  
Acq: 16 Aug 2025 08:07

Tgt Ion:105 Resp: 611367  
Ion Ratio Lower Upper  
105 100  
71 2.2 2.6 4.0#  
51 27.1 20.6 30.8  
120 23.2 18.6 27.8





#23

Nitrobenzene-d5

Concen: 80.759 ng

RT: 8.931 min Scan# 1019

Delta R.T. -0.006 min

Lab File: BP025450.D

Acq: 16 Aug 2025 08:07

Instrument :

BNA\_P

ClientSampleId :

TG-S01MSD

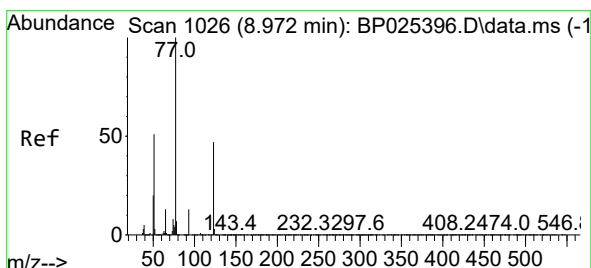
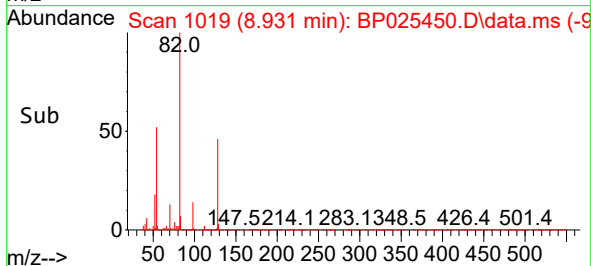
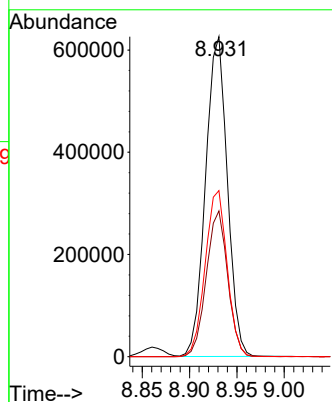
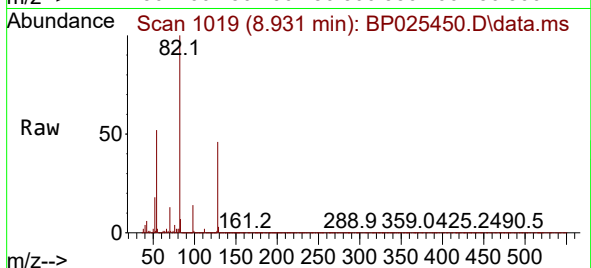
Tgt Ion: 82 Resp: 999251

Ion Ratio Lower Upper

82 100

128 45.6 37.7 56.5

54 51.9 39.8 59.6



#24

Nitrobenzene

Concen: 39.637 ng

RT: 8.966 min Scan# 1025

Delta R.T. -0.006 min

Lab File: BP025450.D

Acq: 16 Aug 2025 08:07

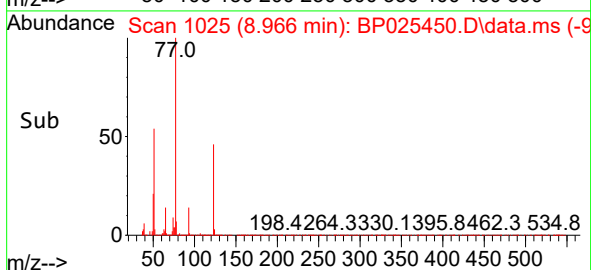
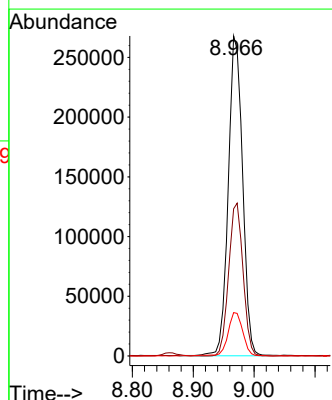
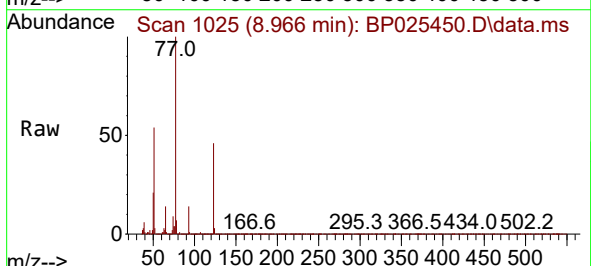
Tgt Ion: 77 Resp: 438312

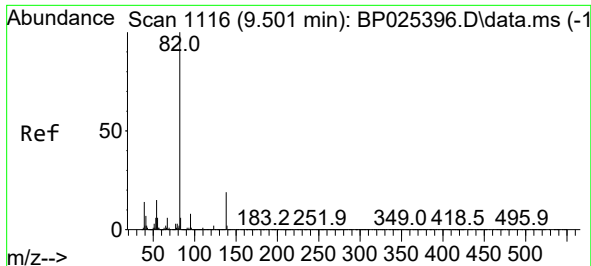
Ion Ratio Lower Upper

77 100

123 46.0 38.6 58.0

65 13.6 10.6 15.8

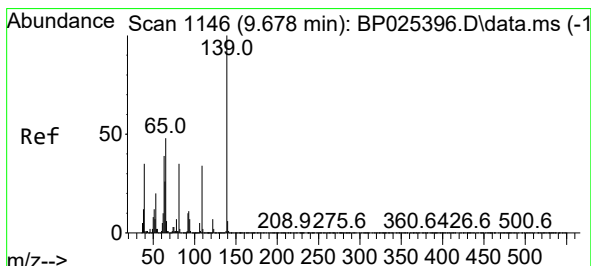
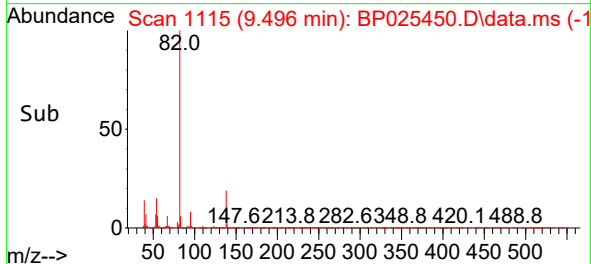
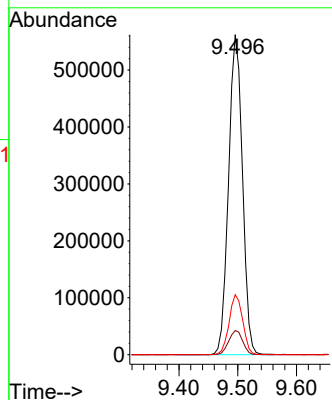
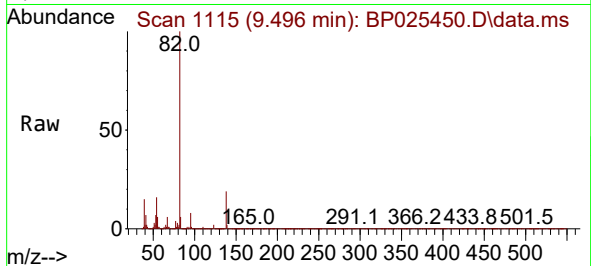




#25  
Isophorone  
Concen: 42.070 ng  
RT: 9.496 min Scan# 1115  
Delta R.T. -0.006 min  
Lab File: BP025450.D  
Acq: 16 Aug 2025 08:07

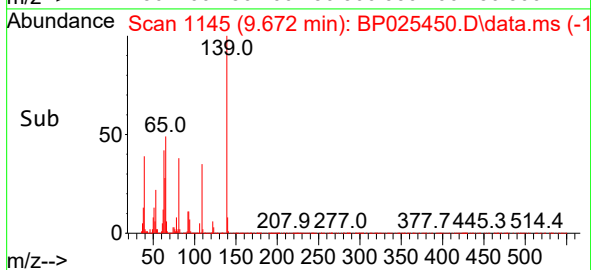
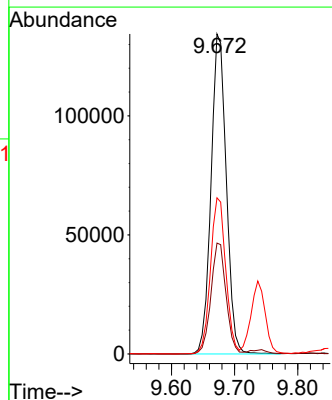
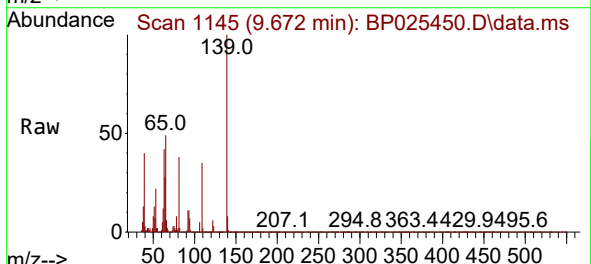
Instrument :  
BNA\_P  
ClientSampleId :  
TG-S01MSD

Tgt Ion: 82 Resp: 921219  
Ion Ratio Lower Upper  
82 100  
95 7.6 6.4 9.6  
138 18.7 15.4 23.0



#26  
2-Nitrophenol  
Concen: 39.733 ng  
RT: 9.672 min Scan# 1145  
Delta R.T. -0.006 min  
Lab File: BP025450.D  
Acq: 16 Aug 2025 08:07

Tgt Ion:139 Resp: 225491  
Ion Ratio Lower Upper  
139 100  
109 34.7 26.9 40.3  
65 48.8 38.3 57.5





#27

2,4-Dimethylphenol

Concen: 45.990 ng

RT: 9.737 min Scan# 1156

Delta R.T. -0.006 min

Lab File: BP025450.D

Acq: 16 Aug 2025 08:07

Instrument :

BNA\_P

ClientSampleId :

TG-S01MSD

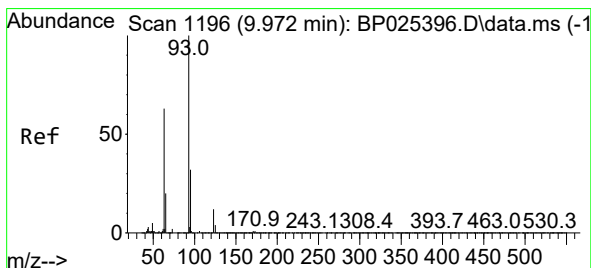
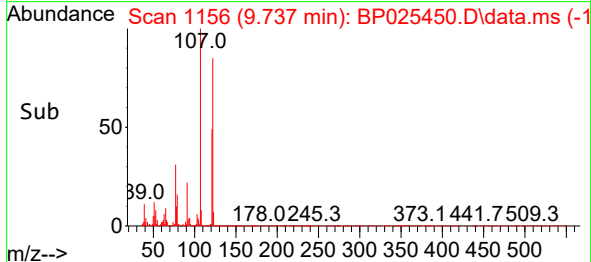
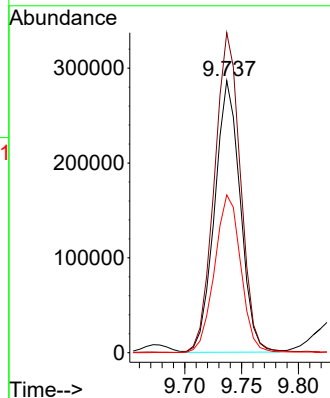
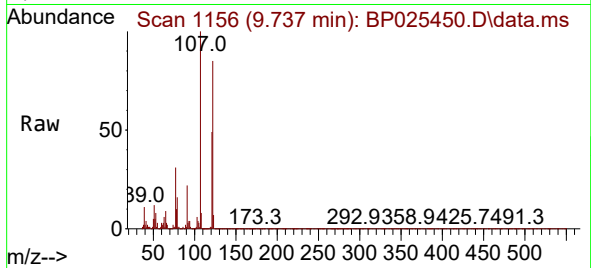
Tgt Ion:122 Resp: 448844

Ion Ratio Lower Upper

122 100

107 117.7 93.7 140.5

121 58.0 46.6 69.8



#28

bis(2-Chloroethoxy)methane

Concen: 41.243 ng

RT: 9.966 min Scan# 1195

Delta R.T. -0.006 min

Lab File: BP025450.D

Acq: 16 Aug 2025 08:07

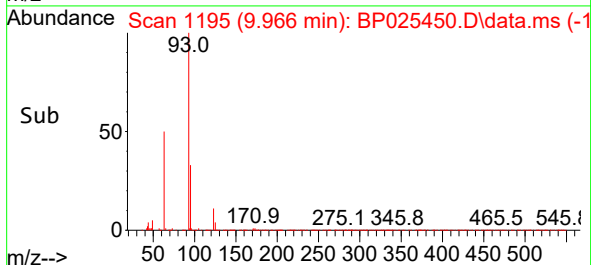
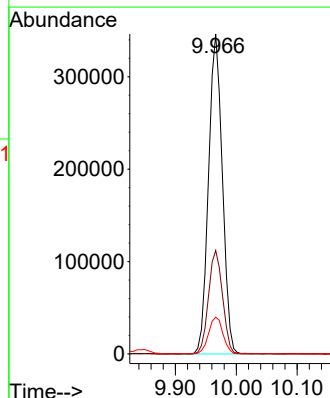
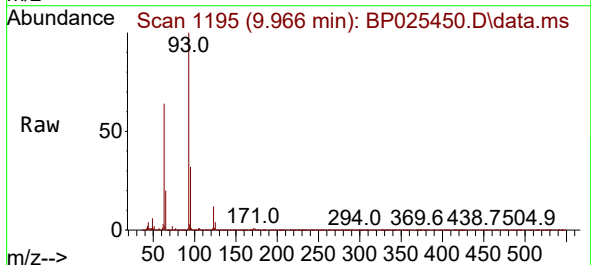
Tgt Ion: 93 Resp: 545917

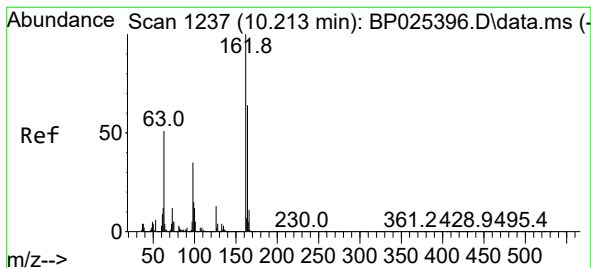
Ion Ratio Lower Upper

93 100

95 32.3 25.4 38.0

123 11.5 9.4 14.0





#29

2,4-Dichlorophenol

Concen: 47.015 ng

RT: 10.207 min Scan# 11

Delta R.T. -0.006 min

Lab File: BP025450.D

Acq: 16 Aug 2025 08:07

Instrument :

BNA\_P

ClientSampleId :

TG-S01MSD

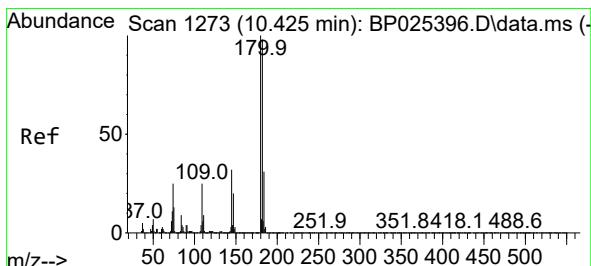
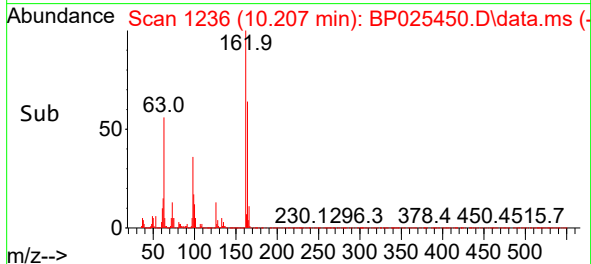
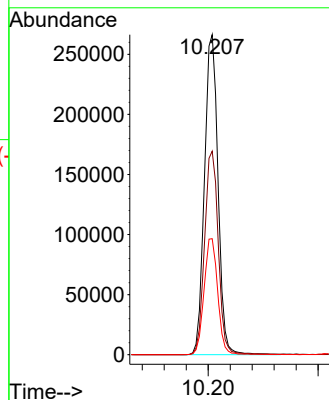
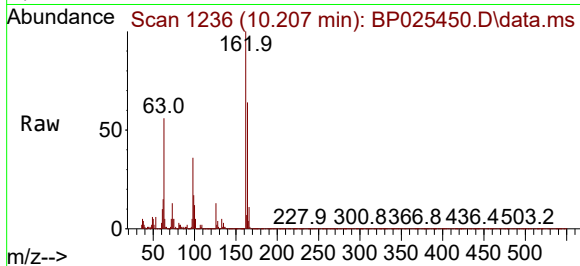
Tgt Ion:162 Resp: 455810

Ion Ratio Lower Upper

162 100

164 63.6 44.4 84.4

98 36.3 14.9 54.9



#30

1,2,4-Trichlorobenzene

Concen: 36.265 ng

RT: 10.419 min Scan# 1272

Delta R.T. -0.006 min

Lab File: BP025450.D

Acq: 16 Aug 2025 08:07

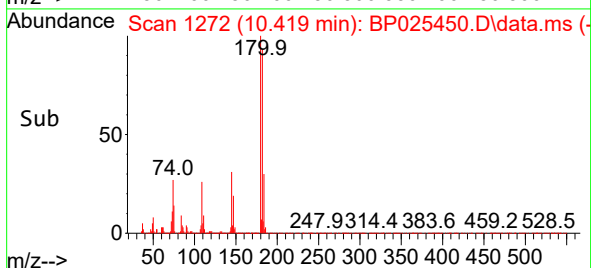
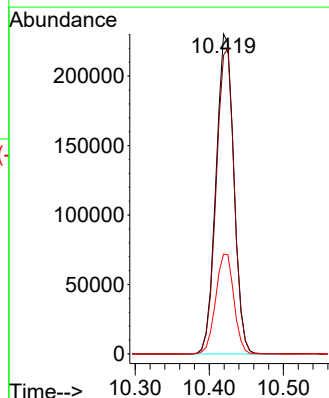
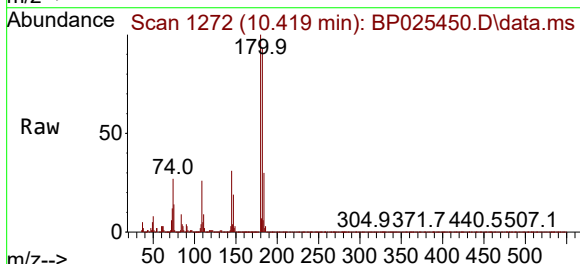
Tgt Ion:180 Resp: 385424

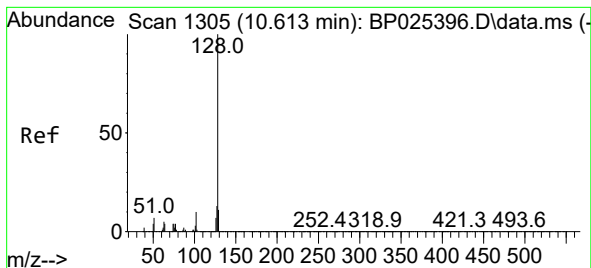
Ion Ratio Lower Upper

180 100

182 93.4 78.0 117.0

145 31.2 25.9 38.9

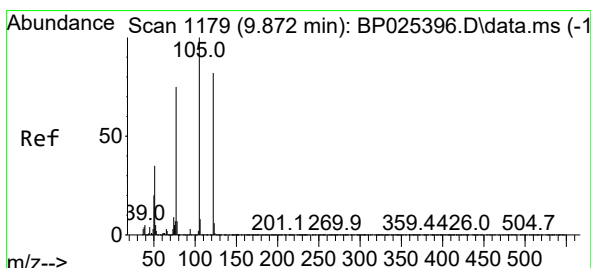
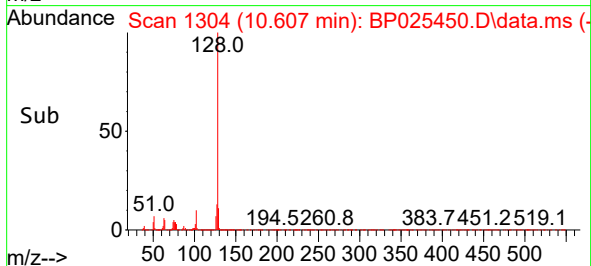
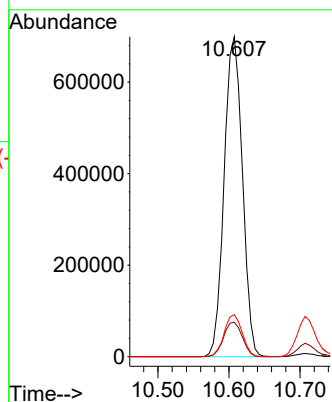
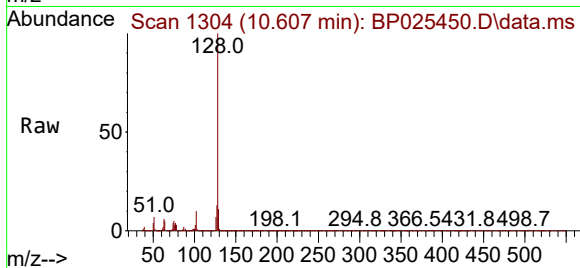




#31  
Naphthalene  
Concen: 38.281 ng  
RT: 10.607 min Scan# 11175  
Delta R.T. -0.006 min  
Lab File: BP025450.D  
Acq: 16 Aug 2025 08:07

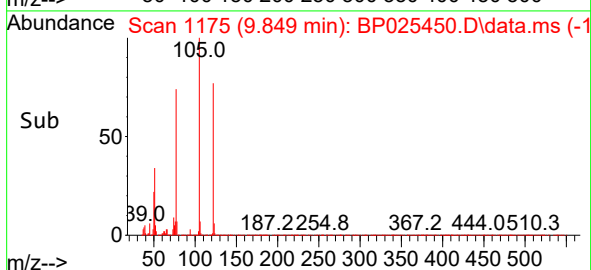
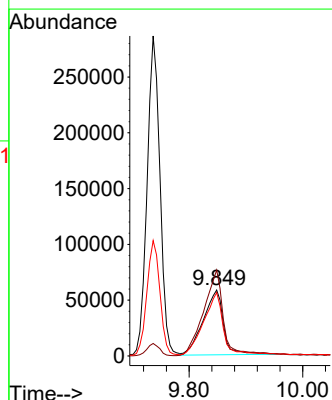
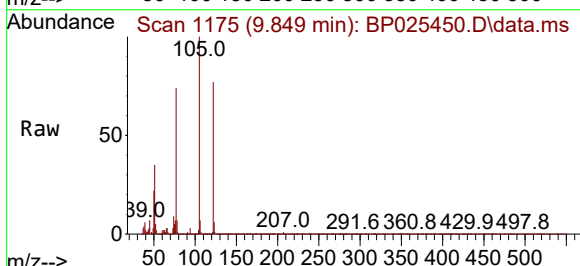
Instrument :  
BNA\_P  
ClientSampleId :  
TG-S01MSD

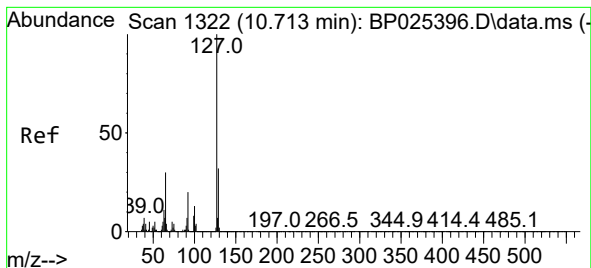
Tgt Ion:128 Resp: 1245344  
Ion Ratio Lower Upper  
128 100  
129 10.8 8.6 13.0  
127 13.2 10.7 16.1



#32  
Benzoic acid  
Concen: 19.917 ng  
RT: 9.849 min Scan# 1175  
Delta R.T. -0.023 min  
Lab File: BP025450.D  
Acq: 16 Aug 2025 08:07

Tgt Ion:122 Resp: 143510  
Ion Ratio Lower Upper  
122 100  
105 130.2 100.6 140.6  
77 96.2 71.5 111.5





#33

4-Chloroaniline

Concen: 11.378 ng

RT: 10.707 min Scan# 11

Delta R.T. -0.006 min

Lab File: BP025450.D

Acq: 16 Aug 2025 08:07

Instrument :

BNA\_P

ClientSampleId :

TG-S01MSD

Tgt Ion:127 Resp: 163507

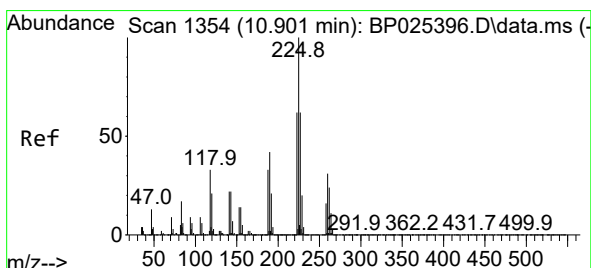
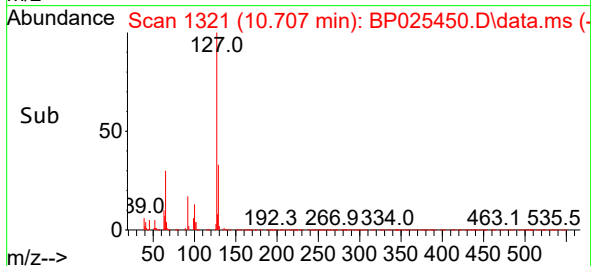
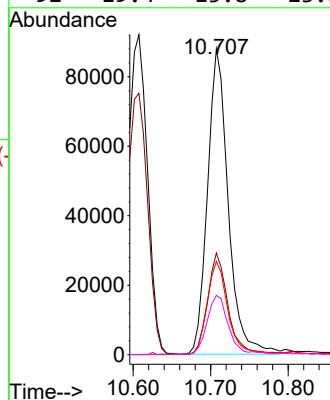
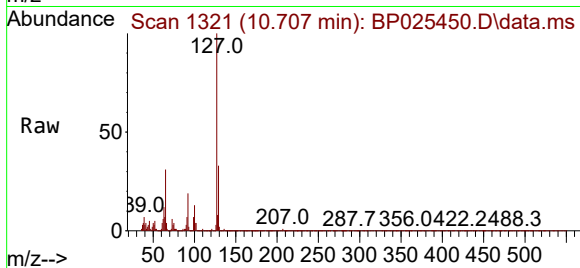
Ion Ratio Lower Upper

127 100

129 33.2 25.4 38.2

65 30.5 23.8 35.6

92 19.4 15.8 23.8



#34

Hexachlorobutadiene

Concen: 34.625 ng

RT: 10.896 min Scan# 1353

Delta R.T. -0.006 min

Lab File: BP025450.D

Acq: 16 Aug 2025 08:07

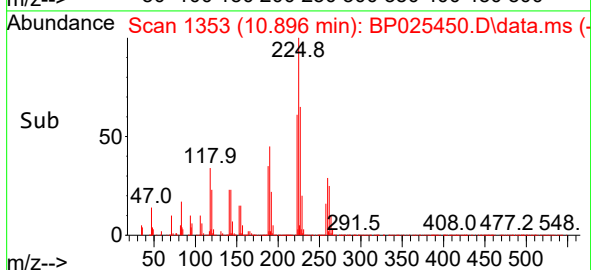
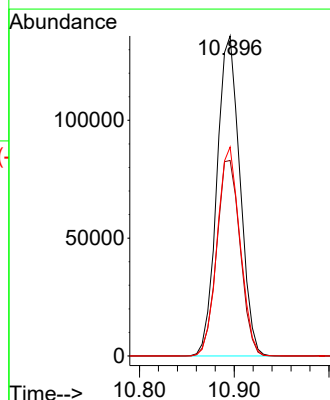
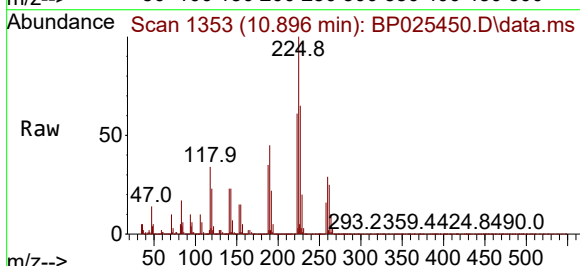
Tgt Ion:225 Resp: 229173

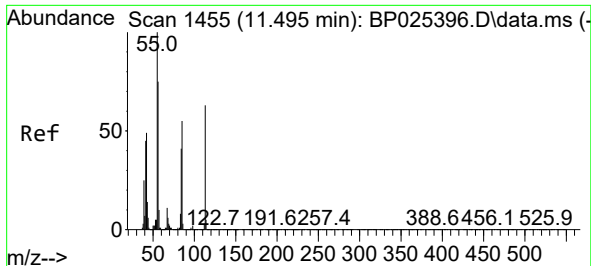
Ion Ratio Lower Upper

225 100

223 61.1 50.0 75.0

227 65.3 49.7 74.5

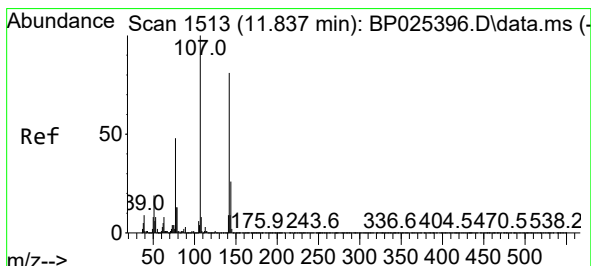
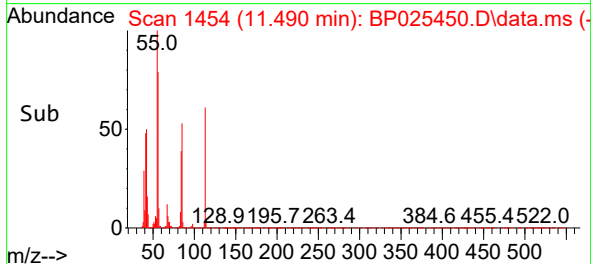
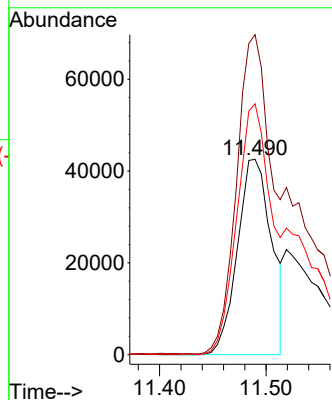
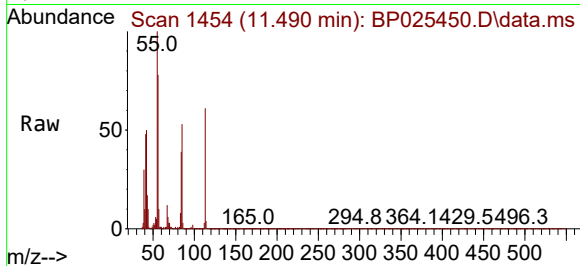




#35  
Caprolactam  
Concen: 26.738 ng  
RT: 11.490 min Scan# 1455  
Delta R.T. -0.006 min  
Lab File: BP025450.D  
Acq: 16 Aug 2025 08:07

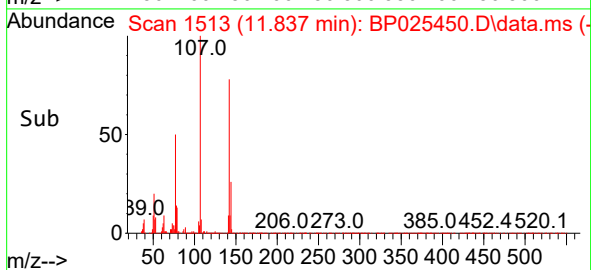
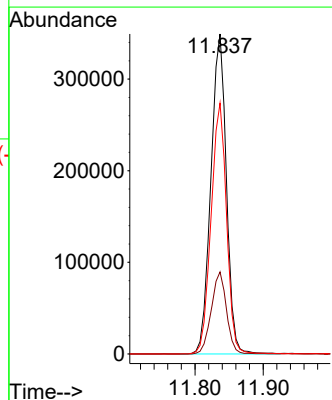
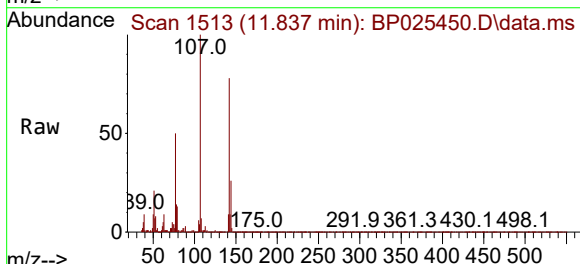
Instrument :  
BNA\_P  
ClientSampleId :  
TG-S01MSD

Tgt Ion:113 Resp: 95054  
Ion Ratio Lower Upper  
113 100  
55 163.8 140.0 180.0  
56 128.4 100.0 140.0



#36  
4-Chloro-3-methylphenol  
Concen: 49.683 ng  
RT: 11.837 min Scan# 1513  
Delta R.T. 0.000 min  
Lab File: BP025450.D  
Acq: 16 Aug 2025 08:07

Tgt Ion:107 Resp: 552710  
Ion Ratio Lower Upper  
107 100  
144 25.6 21.0 31.4  
142 78.4 64.6 97.0

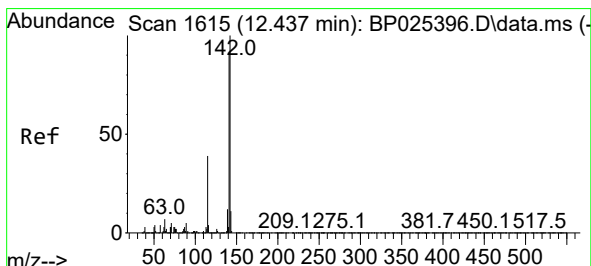
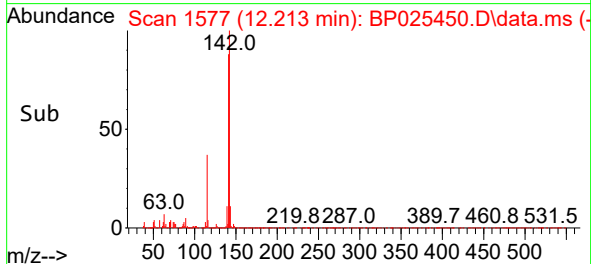
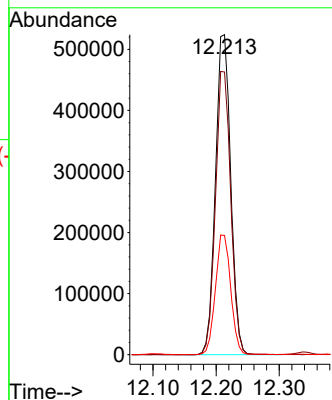
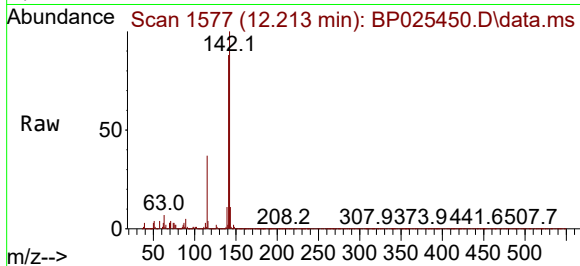




#37  
2-Methylnaphthalene  
Concen: 41.550 ng  
RT: 12.213 min Scan# 11  
Delta R.T. -0.006 min  
Lab File: BP025450.D  
Acq: 16 Aug 2025 08:07

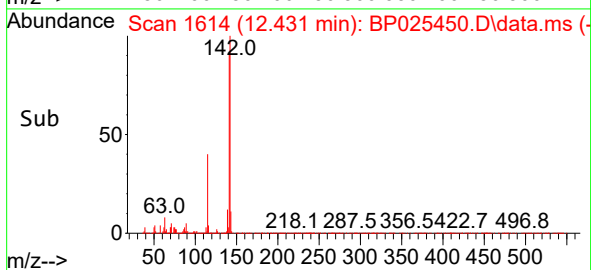
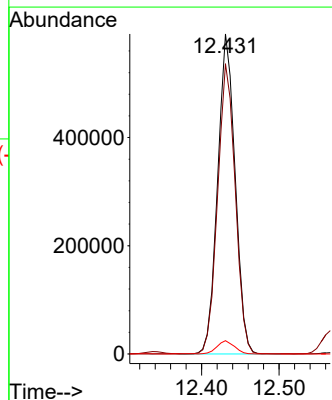
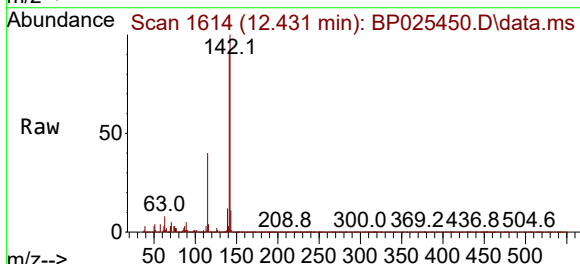
Instrument :  
BNA\_P  
ClientSampleId :  
TG-S01MSD

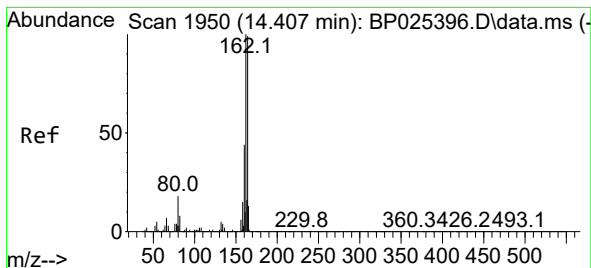
Tgt Ion:142 Resp: 879639  
Ion Ratio Lower Upper  
142 100  
141 88.4 70.3 105.5  
115 37.3 28.9 43.3



#38  
1-Methylnaphthalene  
Concen: 41.140 ng  
RT: 12.431 min Scan# 1614  
Delta R.T. -0.006 min  
Lab File: BP025450.D  
Acq: 16 Aug 2025 08:07

Tgt Ion:142 Resp: 926237  
Ion Ratio Lower Upper  
142 100  
141 90.7 73.1 109.7  
116 4.2 3.2 4.8





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.407 min Scan# 1950

Delta R.T. 0.000 min

Lab File: BP025450.D

Acq: 16 Aug 2025 08:07

Instrument :

BNA\_P

ClientSampleId :

TG-S01MSD

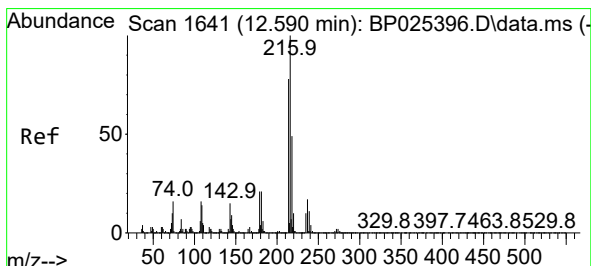
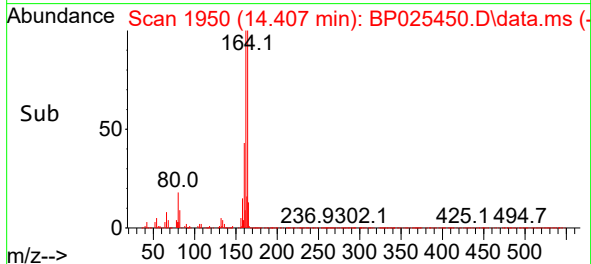
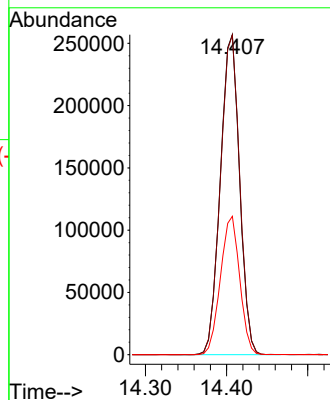
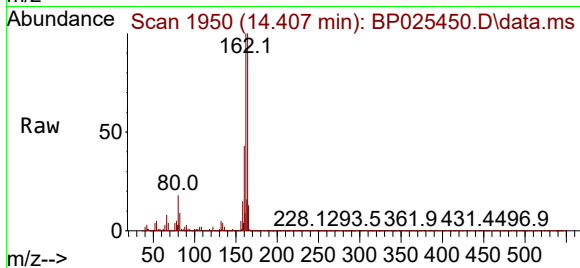
Tgt Ion:164 Resp: 422650

Ion Ratio Lower Upper

164 100

162 99.9 81.0 121.6

160 43.3 35.4 53.2



#40

1,2,4,5-Tetrachlorobenzene

Concen: 41.162 ng

RT: 12.584 min Scan# 1640

Delta R.T. -0.006 min

Lab File: BP025450.D

Acq: 16 Aug 2025 08:07

Tgt Ion:216 Resp: 502447

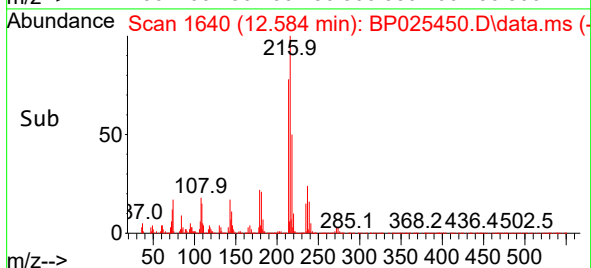
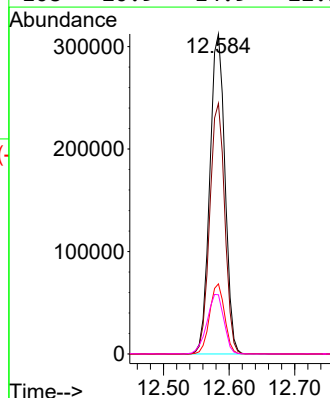
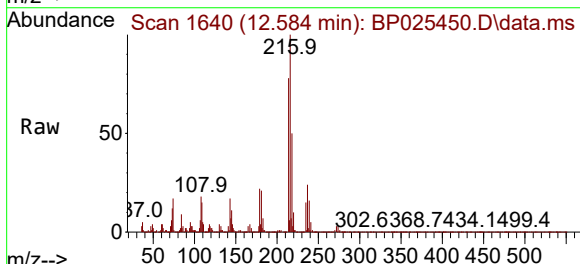
Ion Ratio Lower Upper

216 100

214 77.9 63.0 94.4

179 21.6 17.1 25.7

108 20.9 14.9 22.3

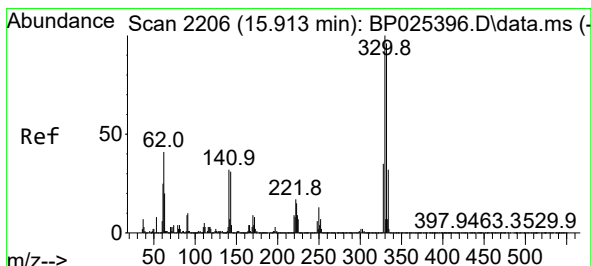
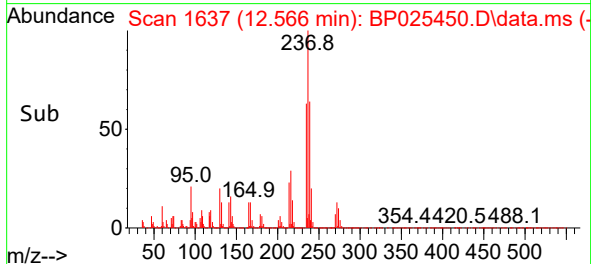
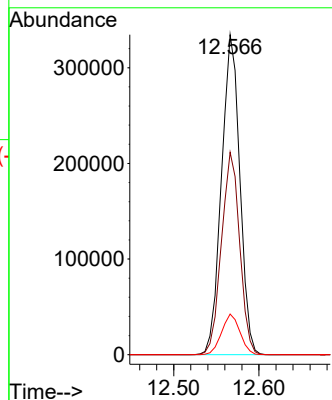
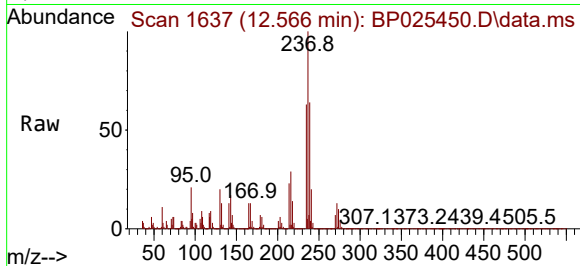




#41  
Hexachlorocyclopentadiene  
Concen: 67.868 ng  
RT: 12.566 min Scan# 1  
Delta R.T. -0.006 min  
Lab File: BP025450.D  
Acq: 16 Aug 2025 08:07

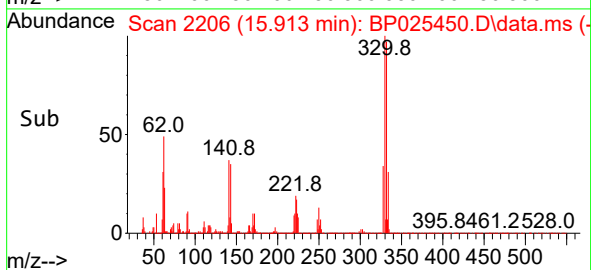
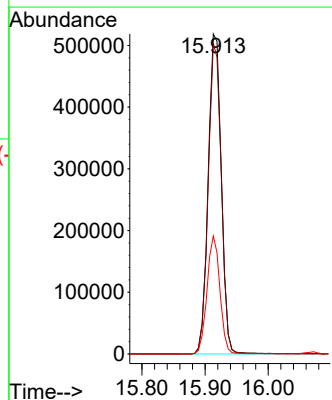
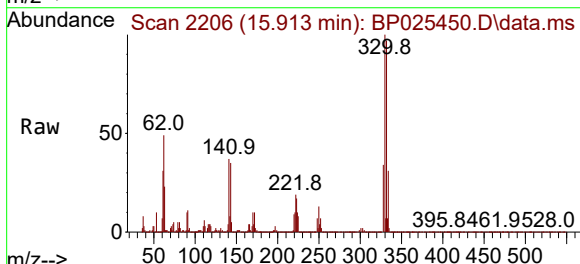
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BNA\_P  
ClientSampleId :  
TG-S01MSD

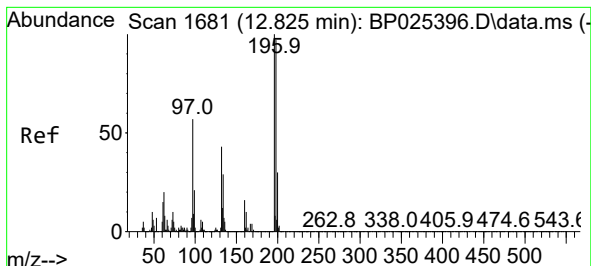
Tgt Ion:237 Resp: 500410  
Ion Ratio Lower Upper  
237 100  
235 63.3 42.7 82.7  
272 12.7 0.0 34.0



#42  
2,4,6-Tribromophenol  
Concen: 132.109 ng  
RT: 15.913 min Scan# 2206  
Delta R.T. 0.000 min  
Lab File: BP025450.D  
Acq: 16 Aug 2025 08:07

Tgt Ion:330 Resp: 751556  
Ion Ratio Lower Upper  
330 100  
332 96.4 77.3 115.9  
141 36.1 26.6 39.8





#43

2,4,6-Trichlorophenol

Concen: 47.889 ng

RT: 12.819 min Scan# 1680

Delta R.T. -0.006 min

Lab File: BP025450.D

Acq: 16 Aug 2025 08:07

Instrument :

BNA\_P

ClientSampleId :

TG-S01MSD

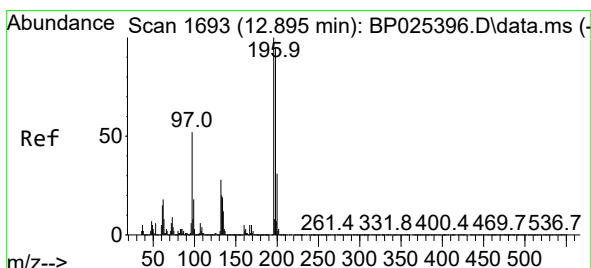
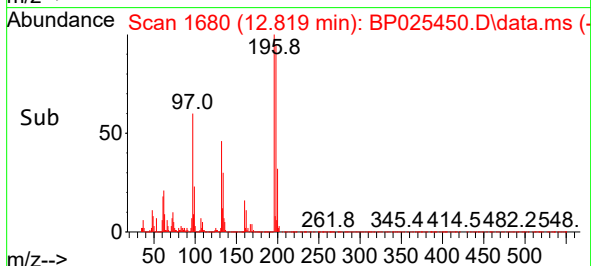
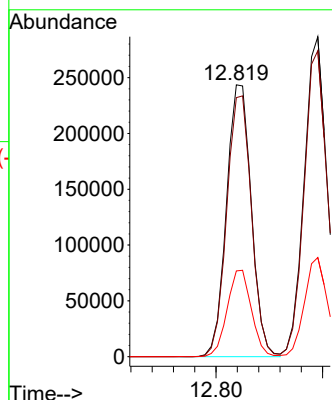
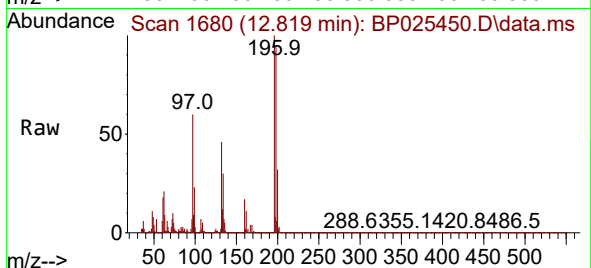
Tgt Ion:196 Resp: 394645

Ion Ratio Lower Upper

196 100

198 95.3 77.2 115.8

200 31.5 23.9 35.9



#44

2,4,5-Trichlorophenol

Concen: 48.080 ng

RT: 12.895 min Scan# 1693

Delta R.T. 0.000 min

Lab File: BP025450.D

Acq: 16 Aug 2025 08:07

Tgt Ion:196 Resp: 434241

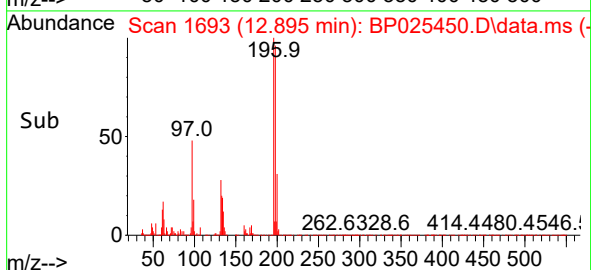
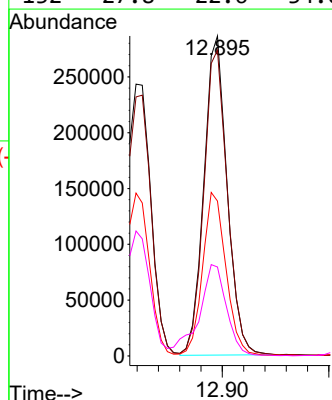
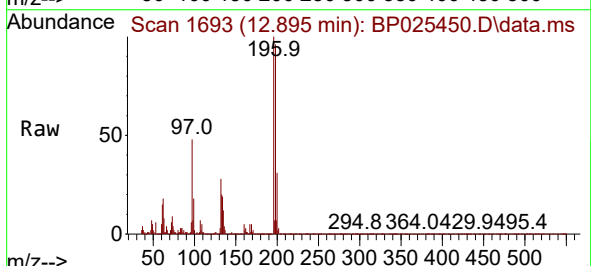
Ion Ratio Lower Upper

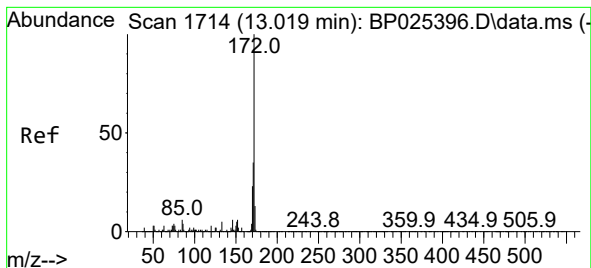
196 100

198 95.6 76.2 114.2

97 48.4 41.2 61.8

132 27.8 22.6 34.0





#45

2-Fluorobiphenyl

Concen: 74.854 ng

RT: 13.019 min Scan# 1714

Delta R.T. 0.000 min

Lab File: BP025450.D

Acq: 16 Aug 2025 08:07

Instrument :

BNA\_P

ClientSampleId :

TG-S01MSD

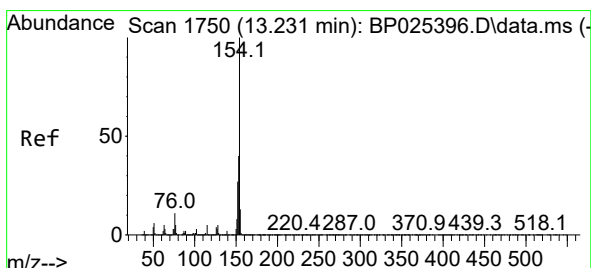
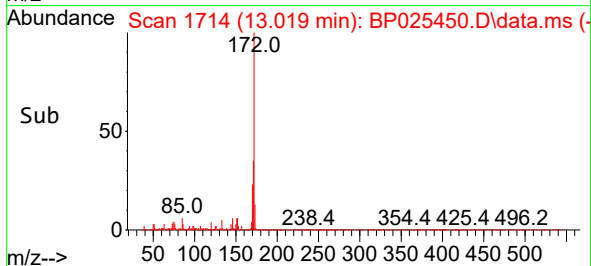
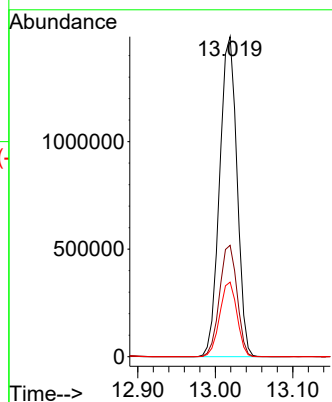
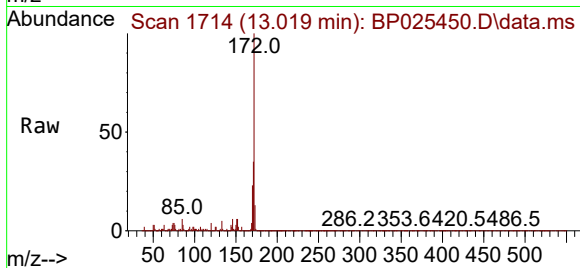
Tgt Ion:172 Resp: 2314862

Ion Ratio Lower Upper

172 100

171 34.8 28.1 42.1

170 23.3 18.6 28.0



#46

1,1'-Biphenyl

Concen: 43.814 ng

RT: 13.225 min Scan# 1749

Delta R.T. -0.006 min

Lab File: BP025450.D

Acq: 16 Aug 2025 08:07

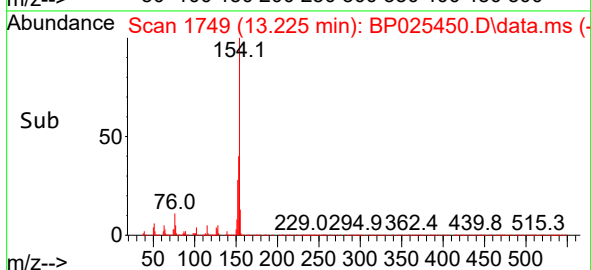
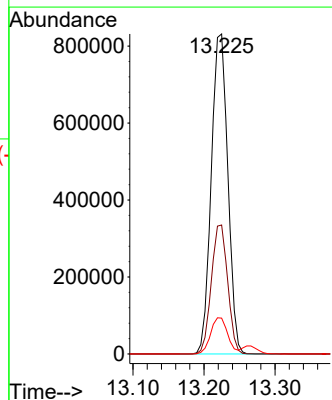
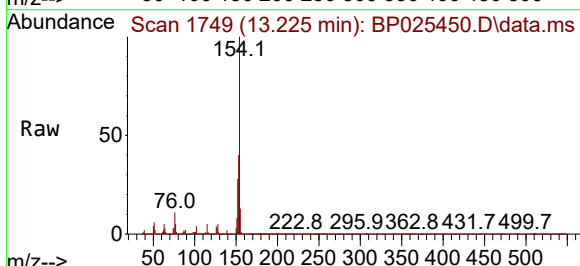
Tgt Ion:154 Resp: 1344882

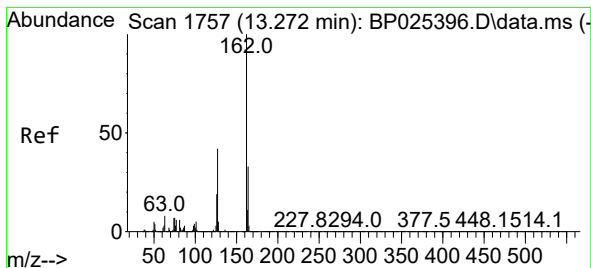
Ion Ratio Lower Upper

154 100

153 40.3 19.5 59.5

76 11.2 0.0 31.1





#47

2-Chloronaphthalene

Concen: 42.838 ng

RT: 13.266 min Scan# 1756

Delta R.T. -0.006 min

Lab File: BP025450.D

Acq: 16 Aug 2025 08:07

Instrument :

BNA\_P

ClientSampleId :

TG-S01MSD

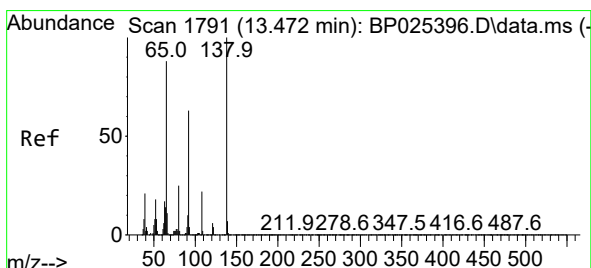
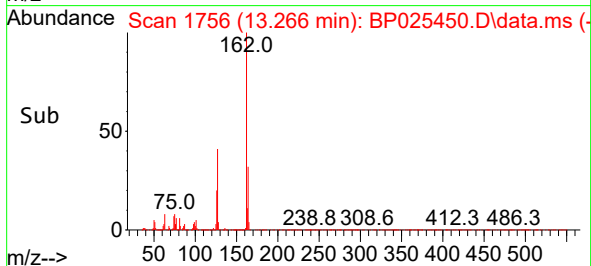
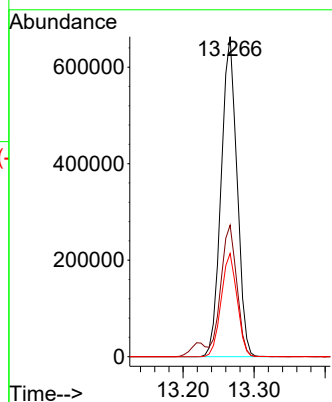
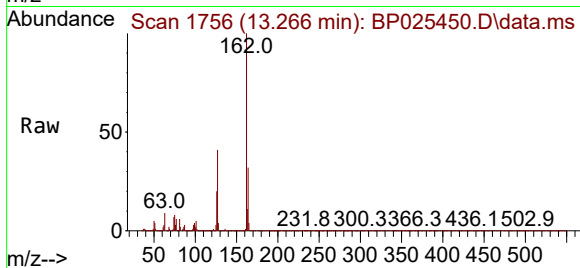
Tgt Ion:162 Resp: 1023664

Ion Ratio Lower Upper

162 100

127 41.1 33.4 50.2

164 32.2 26.2 39.2



#48

2-Nitroaniline

Concen: 51.733 ng

RT: 13.466 min Scan# 1790

Delta R.T. -0.006 min

Lab File: BP025450.D

Acq: 16 Aug 2025 08:07

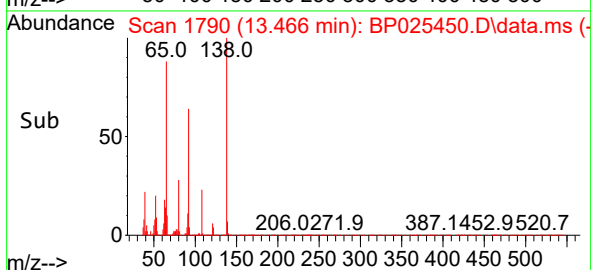
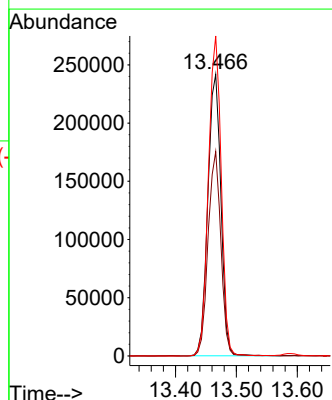
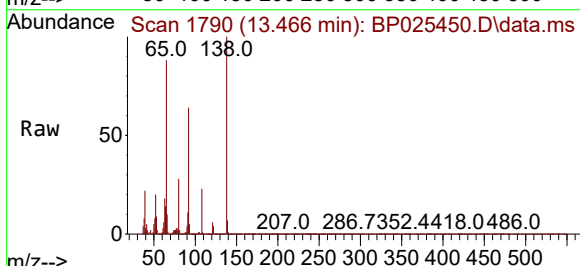
Tgt Ion: 65 Resp: 360205

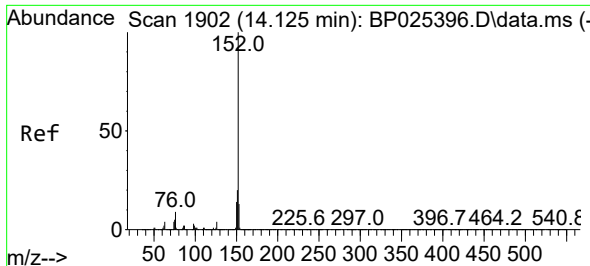
Ion Ratio Lower Upper

65 100

92 72.5 57.6 86.4

138 113.6 91.0 136.6

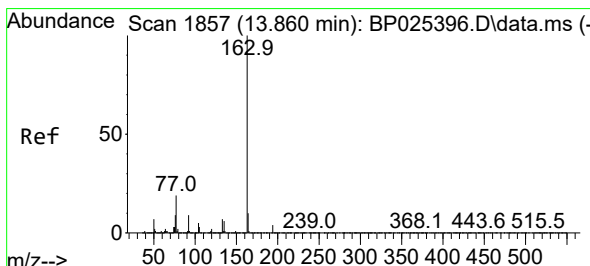
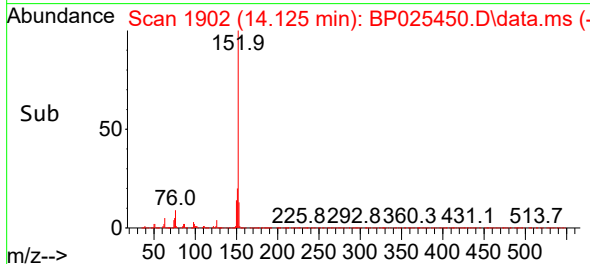
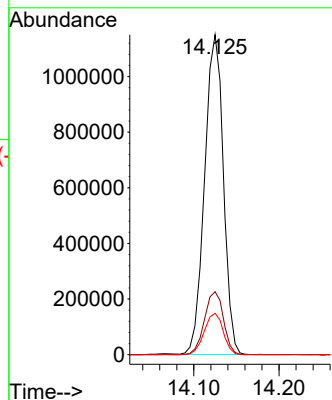
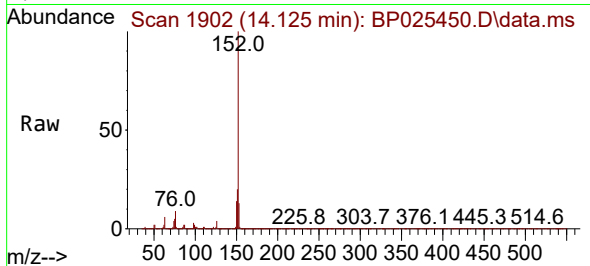




#49  
Acenaphthylene  
Concen: 44.582 ng  
RT: 14.125 min Scan# 1902  
Delta R.T. 0.000 min  
Lab File: BP025450.D  
Acq: 16 Aug 2025 08:07

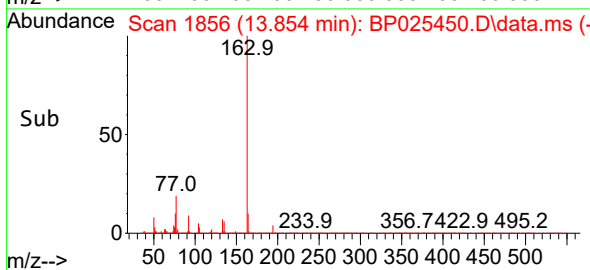
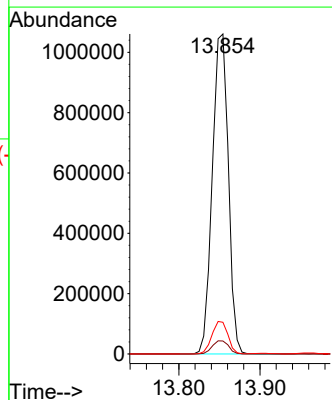
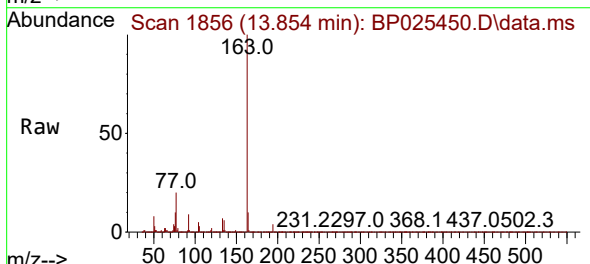
Instrument :  
BNA\_P  
ClientSampleId :  
TG-S01MSD

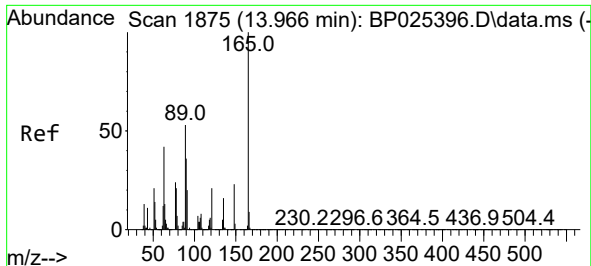
Tgt Ion:152 Resp: 1762818  
Ion Ratio Lower Upper  
152 100  
151 19.7 16.0 24.0  
153 13.0 10.6 15.8



#50  
Dimethylphthalate  
Concen: 46.974 ng  
RT: 13.854 min Scan# 1856  
Delta R.T. -0.006 min  
Lab File: BP025450.D  
Acq: 16 Aug 2025 08:07

Tgt Ion:163 Resp: 1453848  
Ion Ratio Lower Upper  
163 100  
194 4.1 3.4 5.0  
164 9.9 7.9 11.9

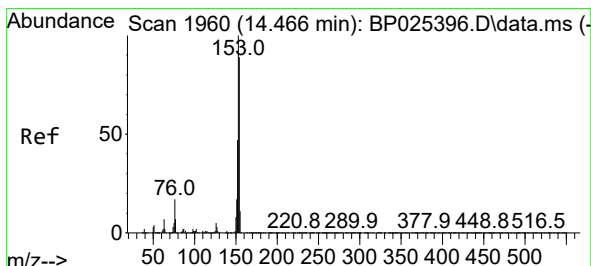
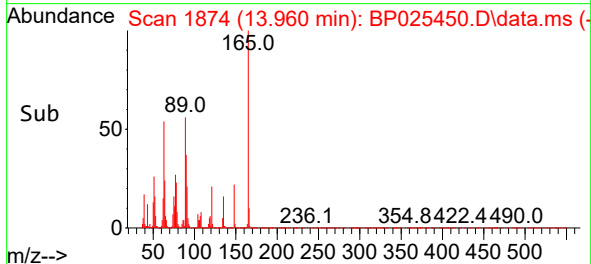
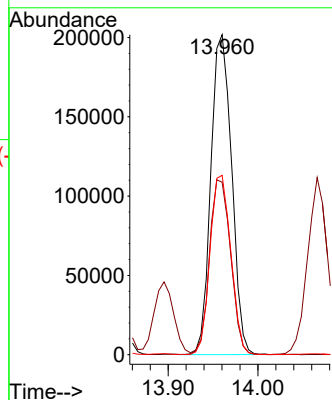
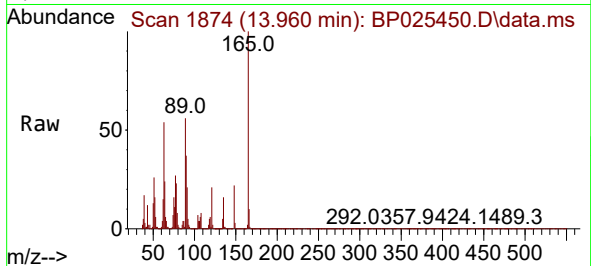




#51  
2,6-Dinitrotoluene  
Concen: 49.742 ng  
RT: 13.960 min Scan# 1875  
Delta R.T. -0.006 min  
Lab File: BP025450.D  
Acq: 16 Aug 2025 08:07

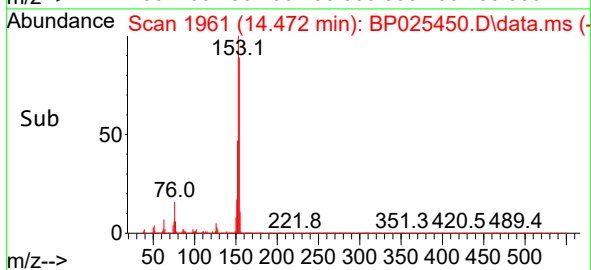
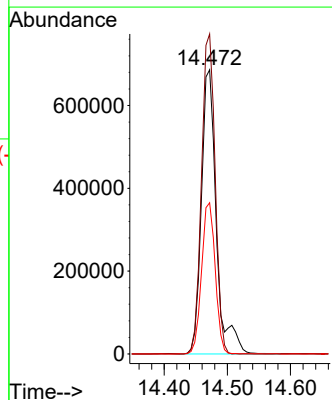
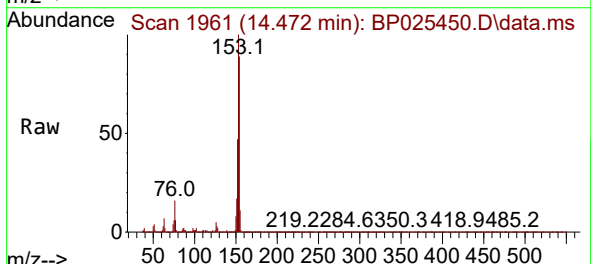
Instrument :  
BNA\_P  
ClientSampleId :  
TG-S01MSD

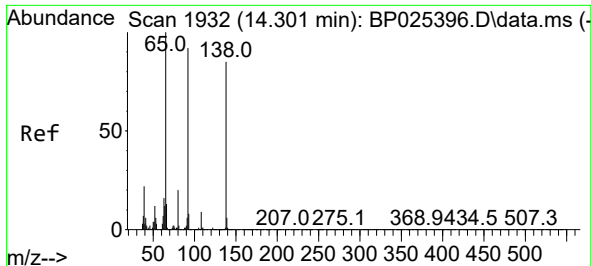
Tgt Ion:165 Resp: 324485  
Ion Ratio Lower Upper  
165 100  
63 53.9 40.9 61.3  
89 56.0 42.1 63.1



#52  
Acenaphthene  
Concen: 48.385 ng  
RT: 14.472 min Scan# 1961  
Delta R.T. 0.006 min  
Lab File: BP025450.D  
Acq: 16 Aug 2025 08:07

Tgt Ion:154 Resp: 1123015  
Ion Ratio Lower Upper  
154 100  
153 112.6 90.2 135.2  
152 53.2 42.1 63.1

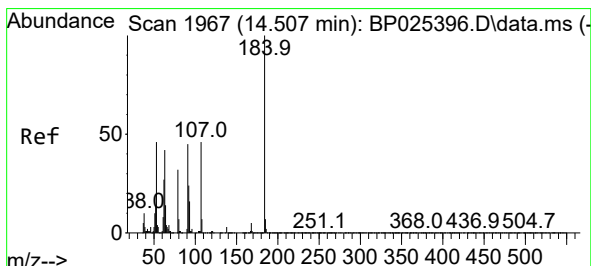
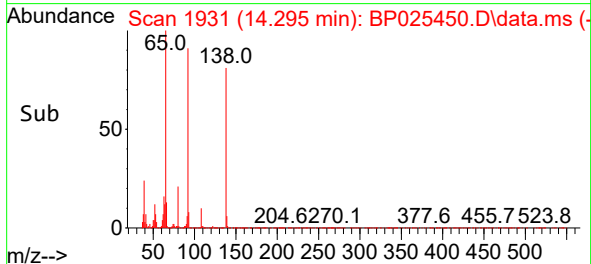
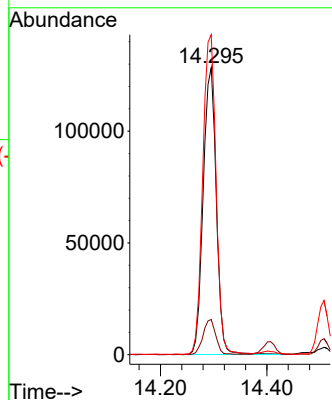
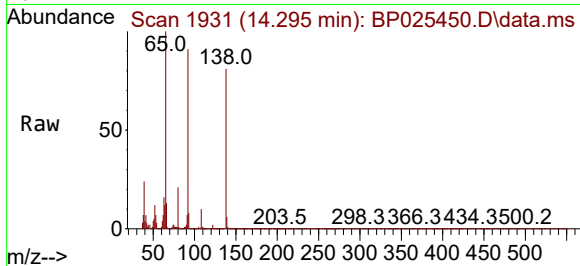




#53  
3-Nitroaniline  
Concen: 29.847 ng  
RT: 14.295 min Scan# 1931  
Delta R.T. -0.006 min  
Lab File: BP025450.D  
Acq: 16 Aug 2025 08:07

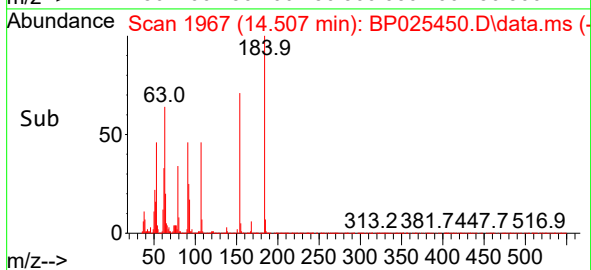
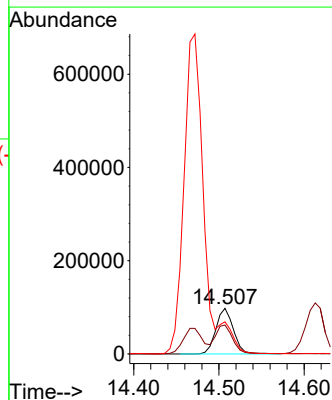
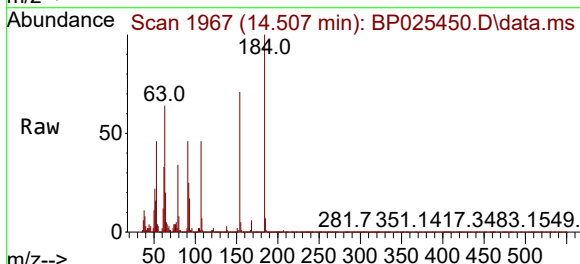
Instrument :  
BNA\_P  
ClientSampleId :  
TG-S01MSD

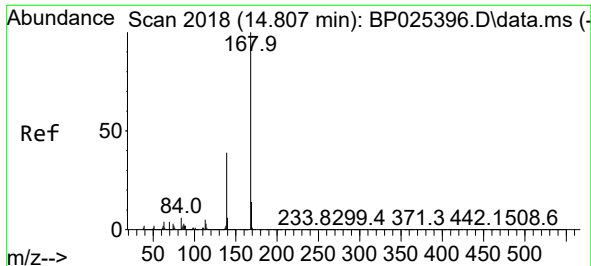
Tgt Ion:138 Resp: 219062  
Ion Ratio Lower Upper  
138 100  
108 12.3 8.3 12.5  
92 111.5 86.2 129.2



#54  
2,4-Dinitrophenol  
Concen: 40.229 ng  
RT: 14.507 min Scan# 1967  
Delta R.T. 0.000 min  
Lab File: BP025450.D  
Acq: 16 Aug 2025 08:07

Tgt Ion:184 Resp: 140145  
Ion Ratio Lower Upper  
184 100  
63 63.7 49.4 74.2  
154 70.6 54.6 82.0

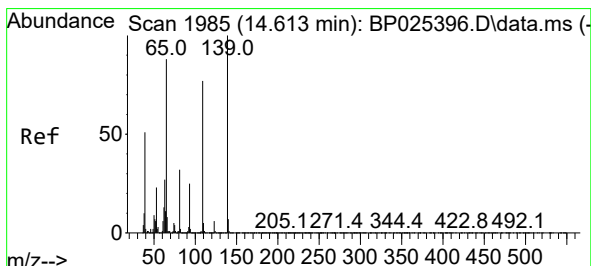
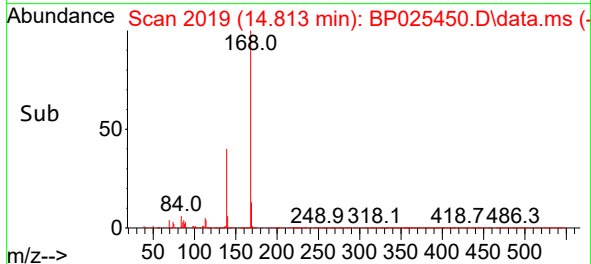
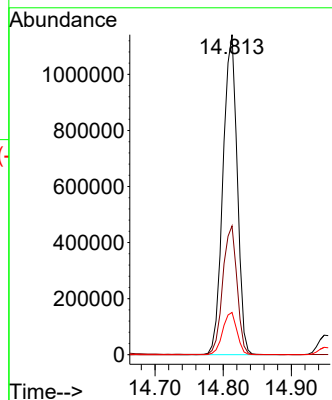
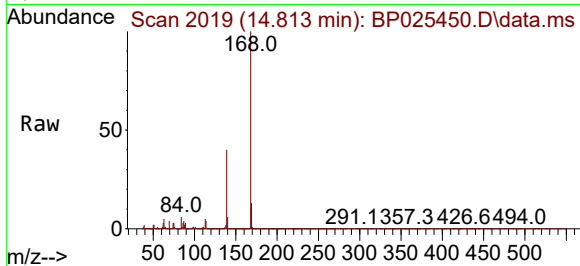




#55  
Dibenzofuran  
Concen: 45.165 ng  
RT: 14.813 min Scan# 2018  
Delta R.T. 0.006 min  
Lab File: BP025450.D  
Acq: 16 Aug 2025 08:07

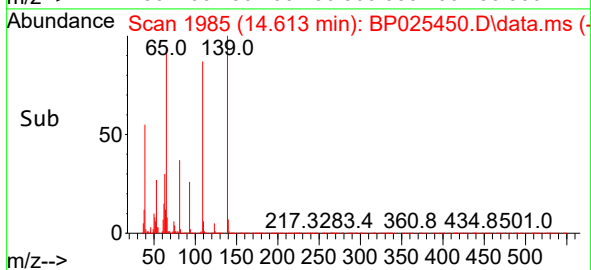
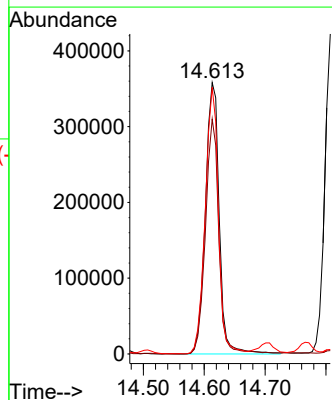
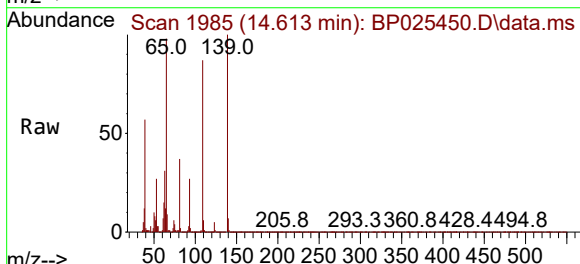
Instrument :  
BNA\_P  
ClientSampleId :  
TG-S01MSD

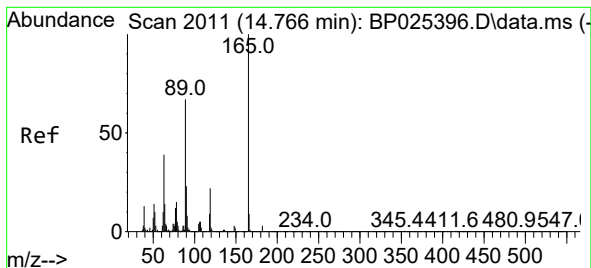
Tgt Ion:168 Resp: 1657330  
Ion Ratio Lower Upper  
168 100  
139 40.3 31.5 47.3  
169 13.2 10.9 16.3



#56  
4-Nitrophenol  
Concen: 93.784 ng  
RT: 14.613 min Scan# 1985  
Delta R.T. 0.000 min  
Lab File: BP025450.D  
Acq: 16 Aug 2025 08:07

Tgt Ion:139 Resp: 565622  
Ion Ratio Lower Upper  
139 100  
109 86.5 56.6 96.6  
65 98.2 68.2 108.2





#57

2,4-Dinitrotoluene

Concen: 51.486 ng

RT: 14.772 min Scan# 2011

Delta R.T. 0.006 min

Lab File: BP025450.D

Acq: 16 Aug 2025 08:07

Instrument :

BNA\_P

ClientSampleId :

TG-S01MSD

Tgt Ion:165 Resp: 479197

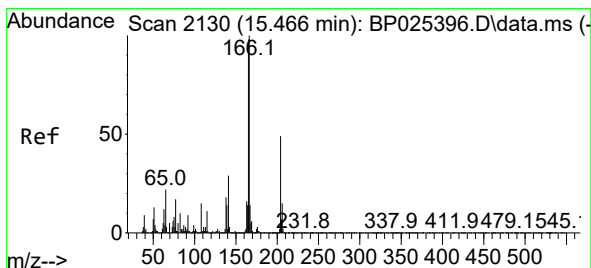
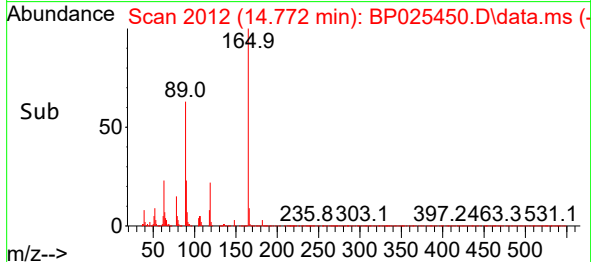
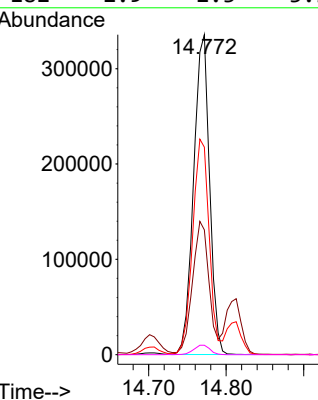
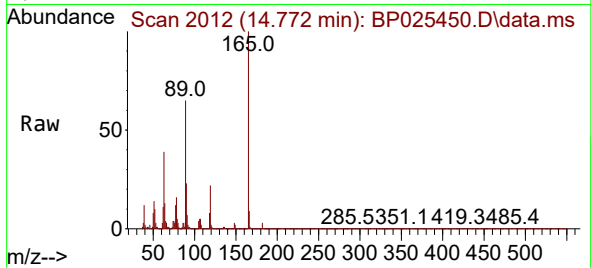
Ion Ratio Lower Upper

165 100

63 39.0 31.4 47.2

89 64.8 53.3 79.9

182 2.9 2.3 3.5



#58

Fluorene

Concen: 45.512 ng

RT: 15.472 min Scan# 2131

Delta R.T. 0.006 min

Lab File: BP025450.D

Acq: 16 Aug 2025 08:07

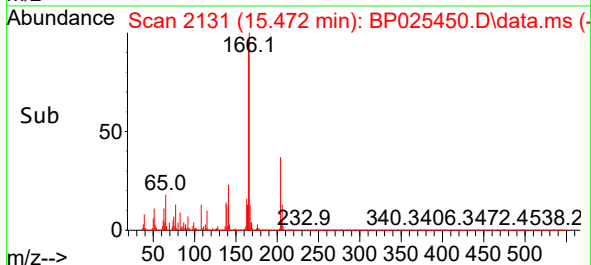
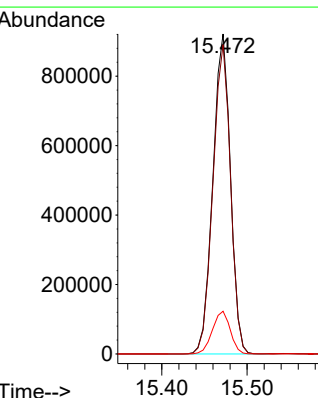
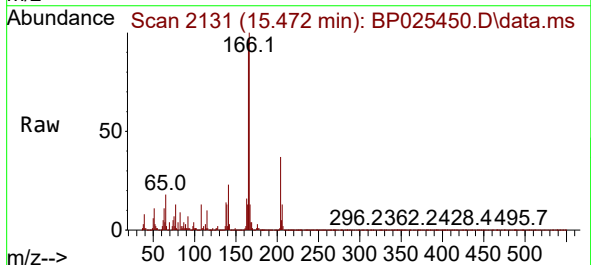
Tgt Ion:166 Resp: 1317796

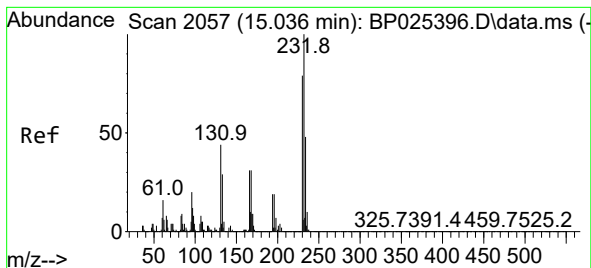
Ion Ratio Lower Upper

166 100

165 96.7 78.8 118.2

167 13.4 11.0 16.4

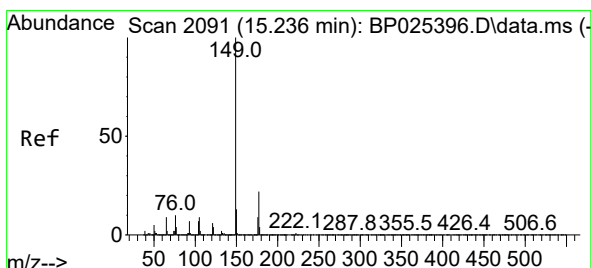
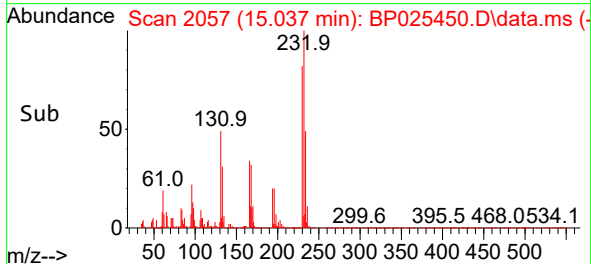
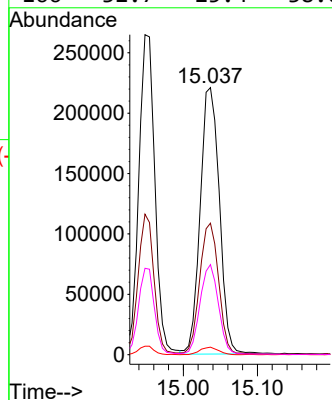
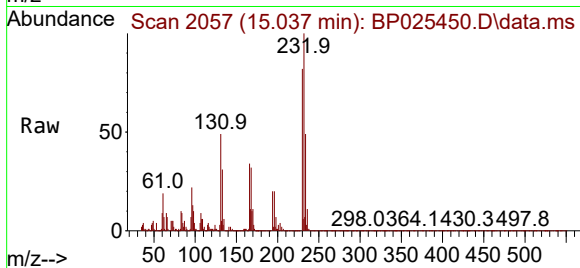




#59  
2,3,4,6-Tetrachlorophenol  
Concen: 49.814 ng  
RT: 15.037 min Scan# 2057  
Delta R.T. 0.000 min  
Lab File: BP025450.D  
Acq: 16 Aug 2025 08:07

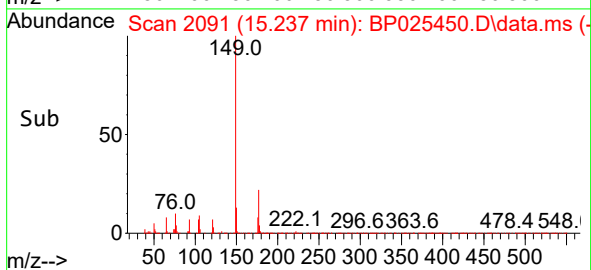
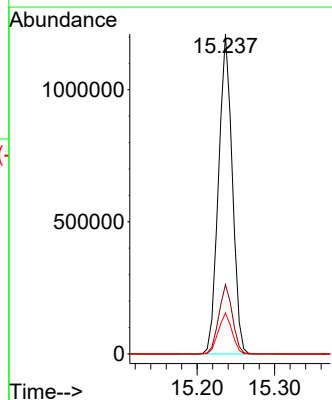
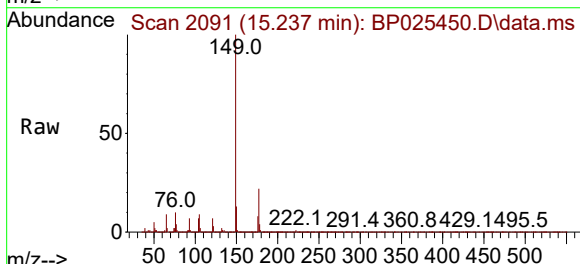
Instrument :  
BNA\_P  
ClientSampleId :  
TG-S01MSD

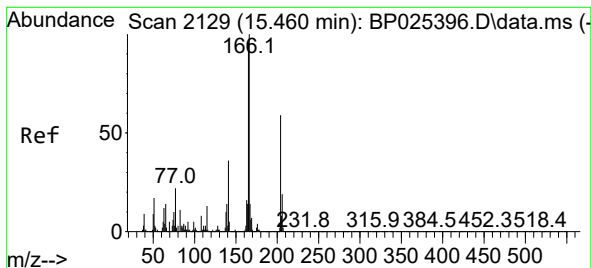
|             |       |           |
|-------------|-------|-----------|
| Tgt Ion:232 | Resp: | 397256    |
| Ion Ratio   | Lower | Upper     |
| 232         | 100   |           |
| 131         | 48.8  | 37.0 55.6 |
| 130         | 2.8   | 1.9 2.9   |
| 166         | 32.7  | 25.4 38.0 |



#60  
Diethylphthalate  
Concen: 47.420 ng  
RT: 15.237 min Scan# 2091  
Delta R.T. 0.000 min  
Lab File: BP025450.D  
Acq: 16 Aug 2025 08:07

|             |       |           |
|-------------|-------|-----------|
| Tgt Ion:149 | Resp: | 1491282   |
| Ion Ratio   | Lower | Upper     |
| 149         | 100   |           |
| 177         | 21.6  | 17.3 25.9 |
| 150         | 12.8  | 10.3 15.5 |

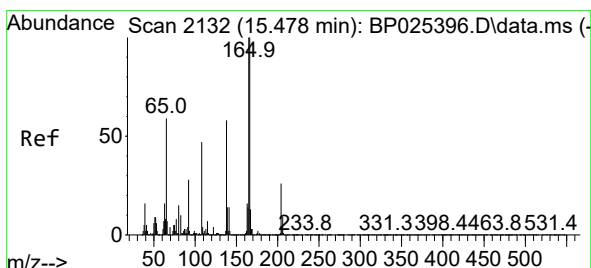
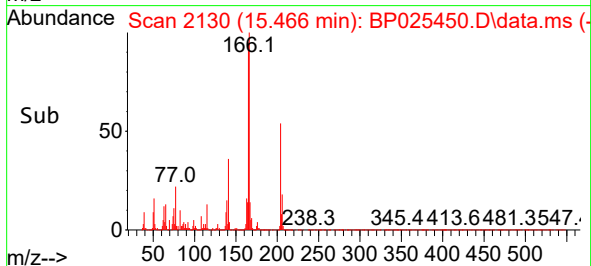
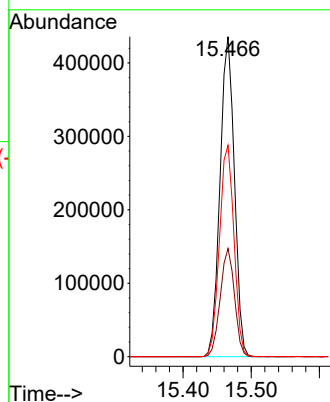
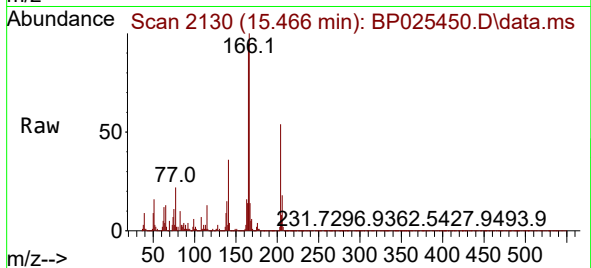




#61  
4-Chlorophenyl-phenylether  
Concen: 44.365 ng  
RT: 15.466 min Scan# 2129  
Delta R.T. 0.006 min  
Lab File: BP025450.D  
Acq: 16 Aug 2025 08:07

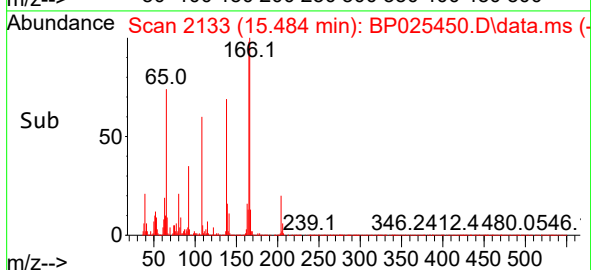
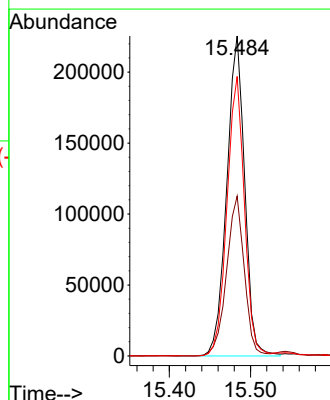
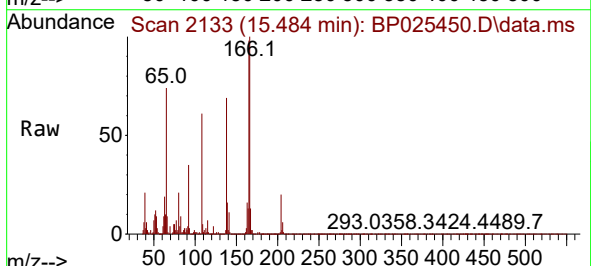
Instrument :  
BNA\_P  
ClientSampleId :  
TG-S01MSD

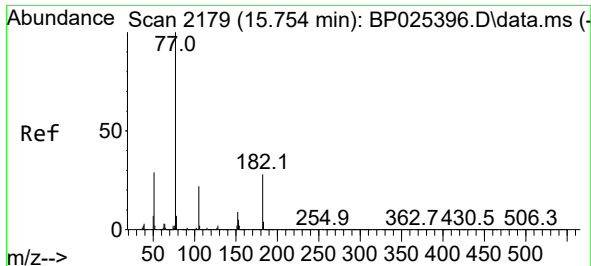
Tgt Ion:204 Resp: 638866  
Ion Ratio Lower Upper  
204 100  
206 33.8 25.8 38.8  
141 66.1 49.4 74.2



#62  
4-Nitroaniline  
Concen: 45.997 ng  
RT: 15.484 min Scan# 2133  
Delta R.T. 0.006 min  
Lab File: BP025450.D  
Acq: 16 Aug 2025 08:07

Tgt Ion:138 Resp: 346090  
Ion Ratio Lower Upper  
138 100  
92 50.0 29.1 69.1  
108 87.3 61.5 101.5



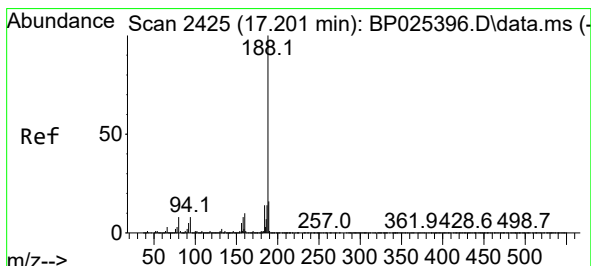
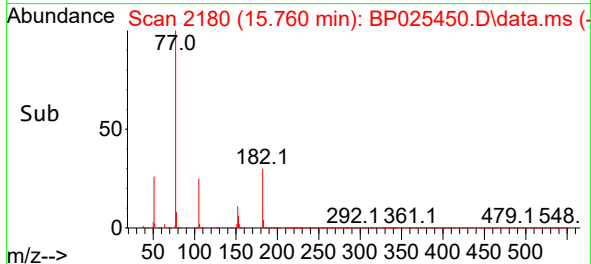
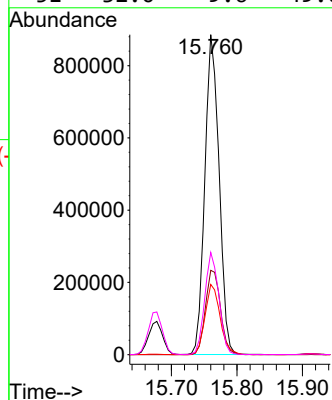
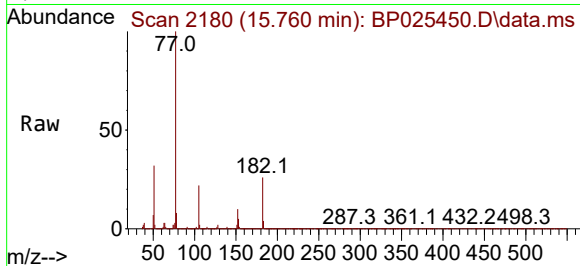


#63  
Azobenzene  
Concen: 49.773 ng  
RT: 15.760 min Scan# 2179  
Delta R.T. 0.006 min  
Lab File: BP025450.D  
Acq: 16 Aug 2025 08:07

Instrument :  
BNA\_P  
ClientSampleId :  
TG-S01MSD

Tgt Ion: 77 Resp: 1340309

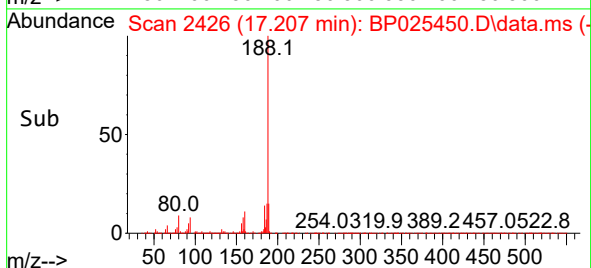
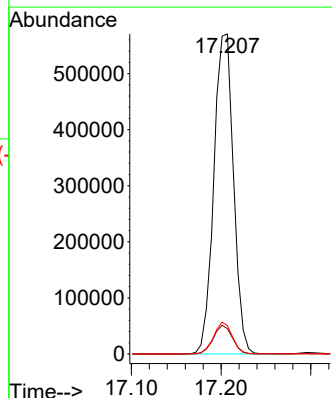
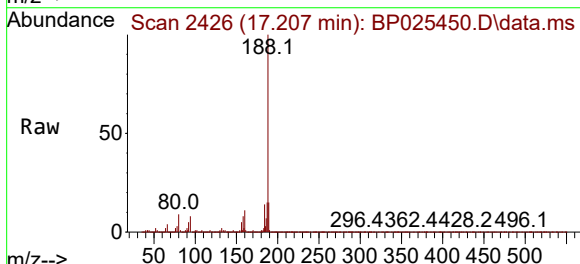
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 77  | 100   |       |       |
| 182 | 26.4  | 7.5   | 47.5  |
| 105 | 21.9  | 2.1   | 42.1  |
| 51  | 32.0  | 9.6   | 49.6  |

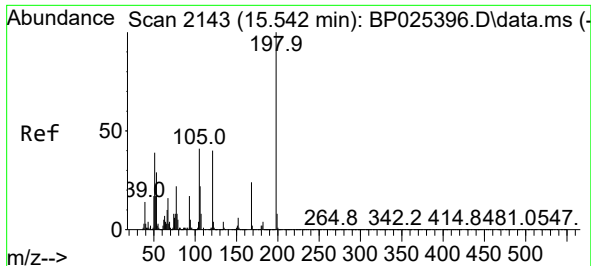


#64  
Phenanthrene-d10  
Concen: 20.000 ng  
RT: 17.207 min Scan# 2426  
Delta R.T. 0.006 min  
Lab File: BP025450.D  
Acq: 16 Aug 2025 08:07

Tgt Ion: 188 Resp: 867716

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 188 | 100   |       |       |
| 94  | 7.9   | 6.6   | 10.0  |
| 80  | 8.8   | 6.7   | 10.1  |

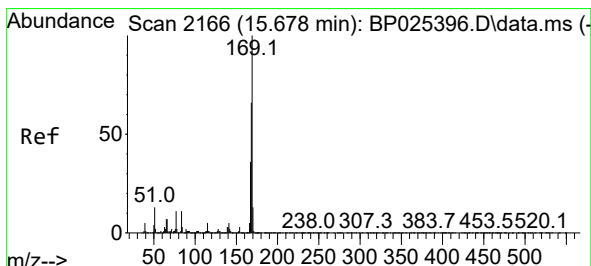
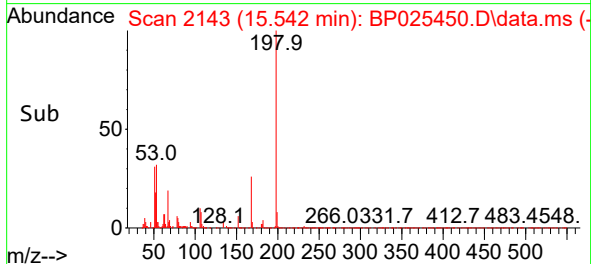
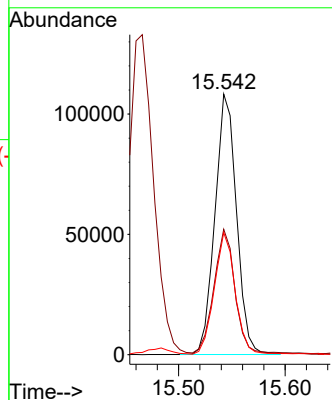
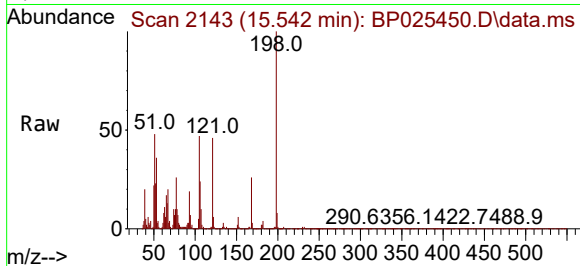




#65  
4,6-Dinitro-2-methylphenol  
Concen: 28.109 ng  
RT: 15.542 min Scan# 2143  
Delta R.T. 0.000 min  
Lab File: BP025450.D  
Acq: 16 Aug 2025 08:07

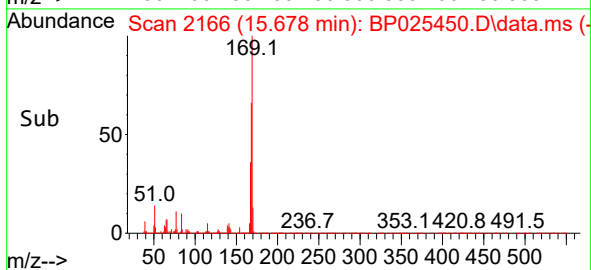
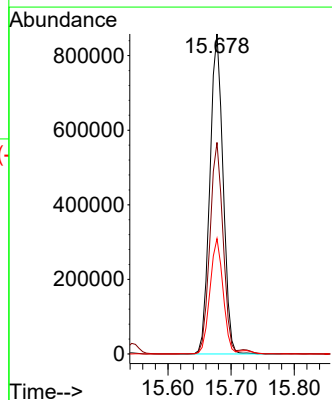
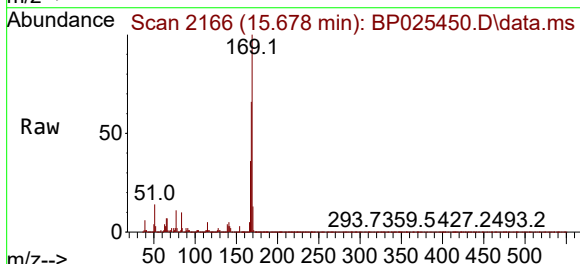
Instrument :  
BNA\_P  
ClientSampleId :  
TG-S01MSD

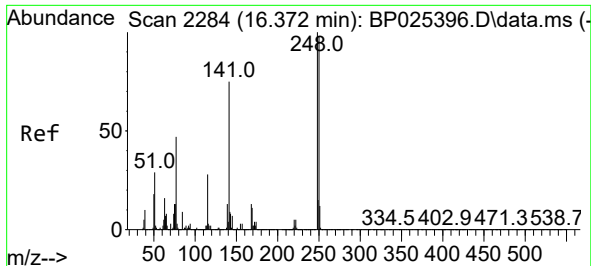
Tgt Ion:198 Resp: 152039  
Ion Ratio Lower Upper  
198 100  
51 48.1 19.6 59.6  
105 46.8 20.9 60.9



#66  
n-Nitrosodiphenylamine  
Concen: 47.084 ng  
RT: 15.678 min Scan# 2166  
Delta R.T. 0.000 min  
Lab File: BP025450.D  
Acq: 16 Aug 2025 08:07

Tgt Ion:169 Resp: 1245853  
Ion Ratio Lower Upper  
169 100  
168 66.1 53.2 79.8  
167 36.1 28.7 43.1

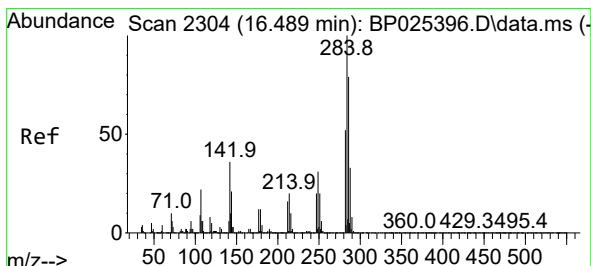
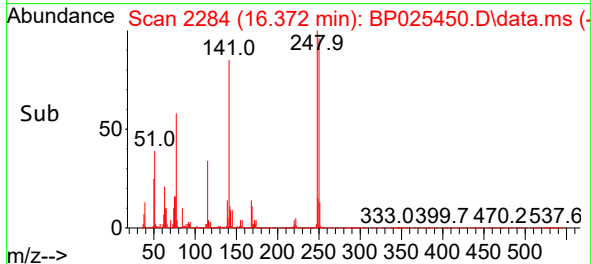
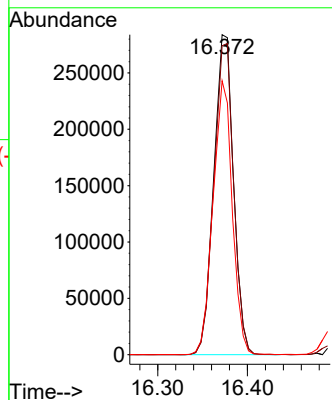
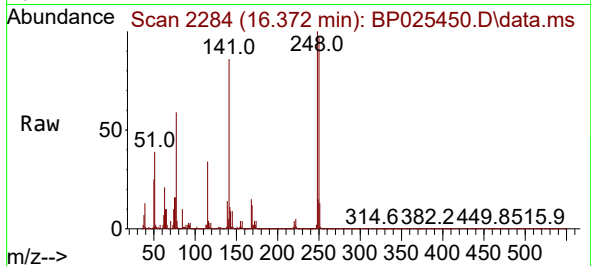




#67  
4-Bromophenyl-phenylether  
Concen: 45.550 ng  
RT: 16.372 min Scan# 210  
Delta R.T. 0.000 min  
Lab File: BP025450.D  
Acq: 16 Aug 2025 08:07

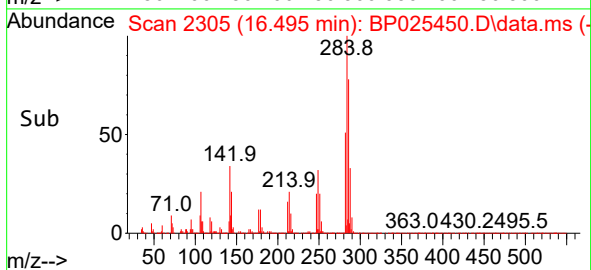
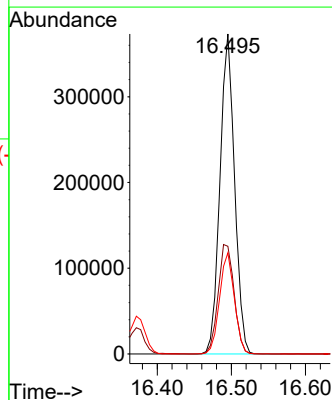
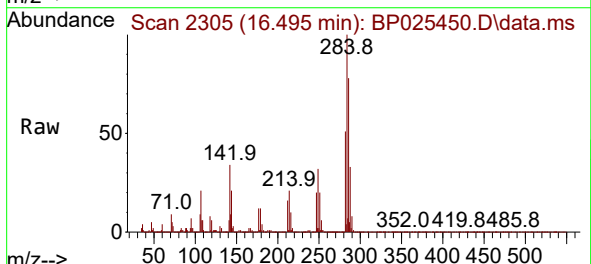
Instrument :  
BNA\_P  
ClientSampleId :  
TG-S01MSD

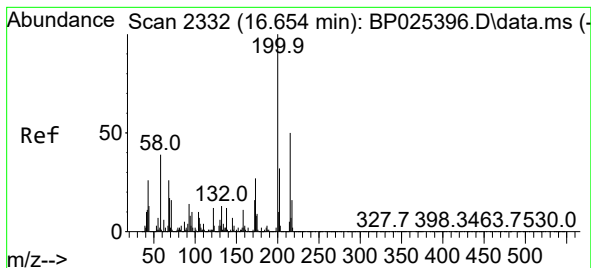
Tgt Ion:248 Resp: 434693  
Ion Ratio Lower Upper  
248 100  
250 96.6 78.2 117.2  
141 85.6 59.6 89.4



#68  
Hexachlorobenzene  
Concen: 46.197 ng  
RT: 16.495 min Scan# 2305  
Delta R.T. 0.006 min  
Lab File: BP025450.D  
Acq: 16 Aug 2025 08:07

Tgt Ion:284 Resp: 511055  
Ion Ratio Lower Upper  
284 100  
142 33.6 29.1 43.7  
249 31.6 25.0 37.4





#69

Atrazine

Concen: 44.911 ng

RT: 16.654 min Scan# 21

Delta R.T. 0.000 min

Lab File: BP025450.D

Acq: 16 Aug 2025 08:07

Instrument :

BNA\_P

ClientSampleId :

TG-S01MSD

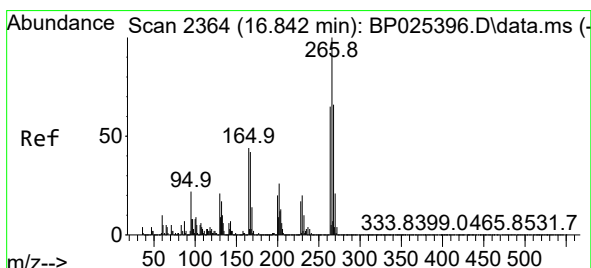
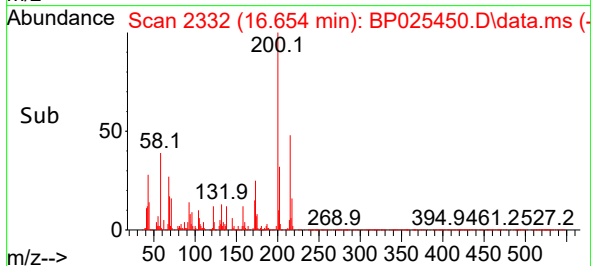
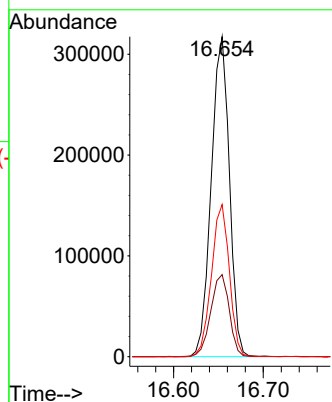
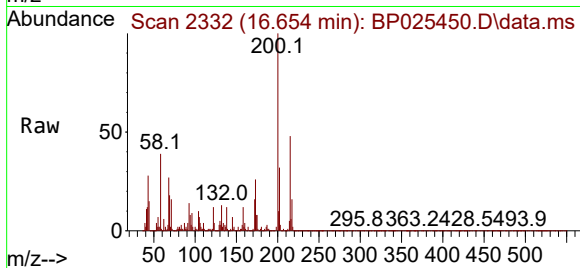
Tgt Ion:200 Resp: 445042

Ion Ratio Lower Upper

200 100

173 25.7 6.7 46.7

215 47.5 29.7 69.7



#70

Pentachlorophenol

Concen: 88.347 ng

RT: 16.848 min Scan# 2365

Delta R.T. 0.006 min

Lab File: BP025450.D

Acq: 16 Aug 2025 08:07

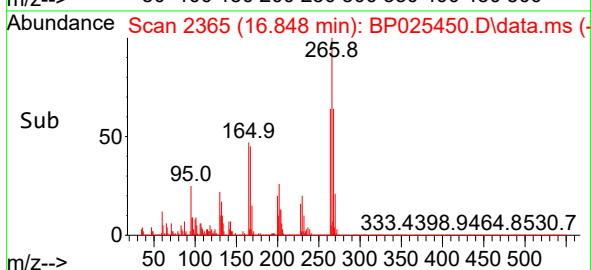
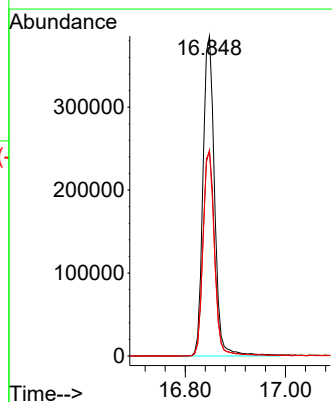
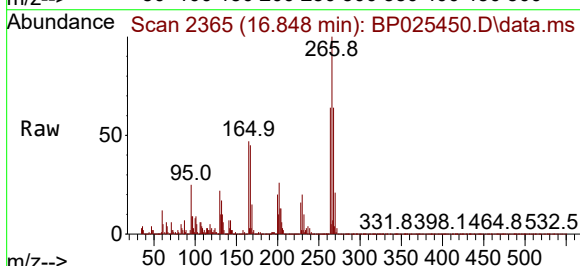
Tgt Ion:266 Resp: 616953

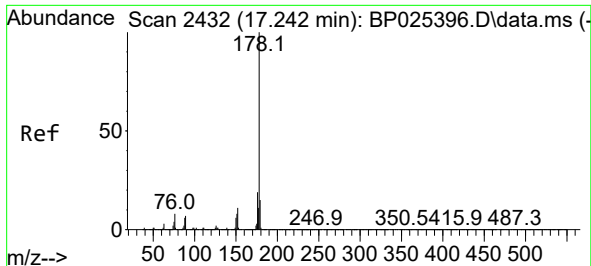
Ion Ratio Lower Upper

266 100

268 64.3 52.6 79.0

264 64.0 52.0 78.0

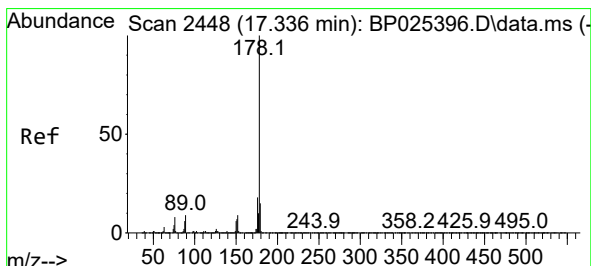
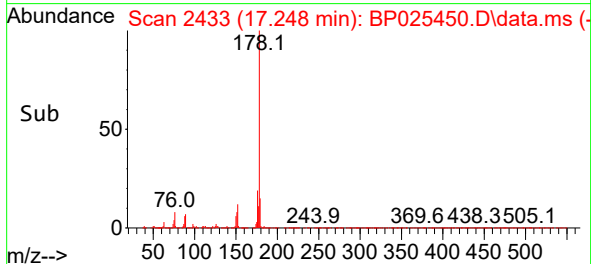
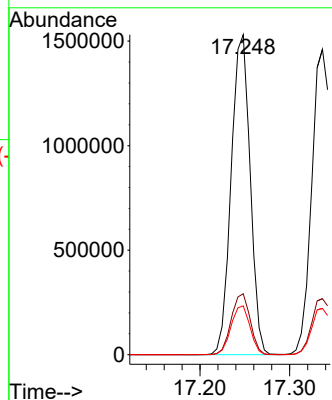
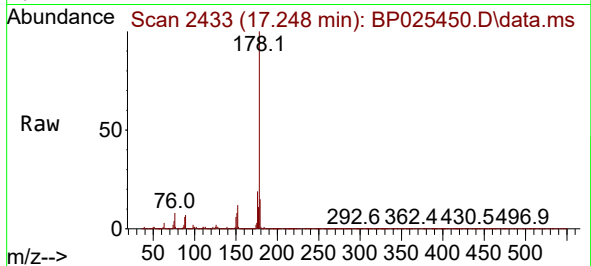




#71  
Phenanthrene  
Concen: 47.082 ng  
RT: 17.248 min Scan# 2432  
Delta R.T. 0.006 min  
Lab File: BP025450.D  
Acq: 16 Aug 2025 08:07

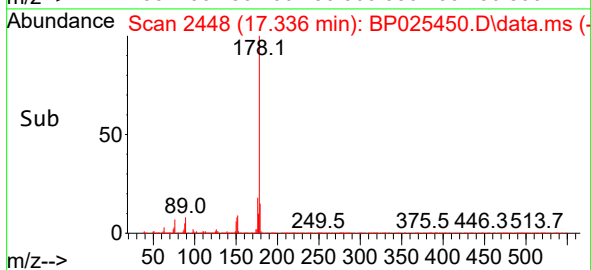
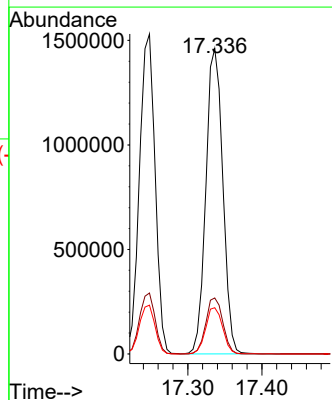
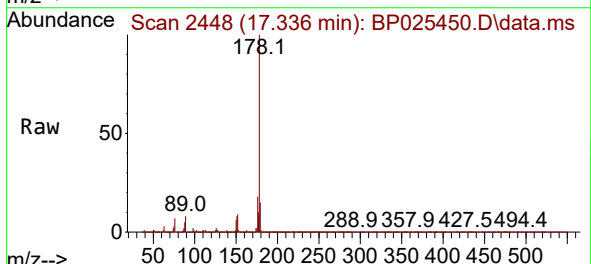
Instrument :  
BNA\_P  
ClientSampleId :  
TG-S01MSD

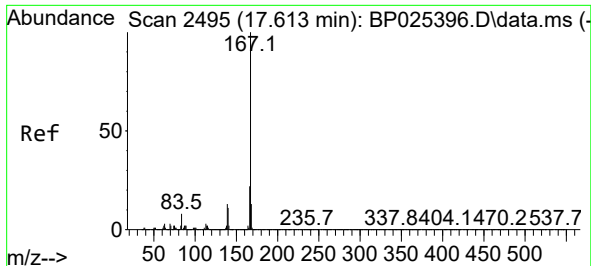
Tgt Ion:178 Resp: 2244223  
Ion Ratio Lower Upper  
178 100  
176 19.0 15.5 23.3  
179 15.3 12.2 18.4



#72  
Anthracene  
Concen: 47.569 ng  
RT: 17.336 min Scan# 2448  
Delta R.T. 0.000 min  
Lab File: BP025450.D  
Acq: 16 Aug 2025 08:07

Tgt Ion:178 Resp: 2315498  
Ion Ratio Lower Upper  
178 100  
176 18.4 14.7 22.1  
179 15.2 12.2 18.2

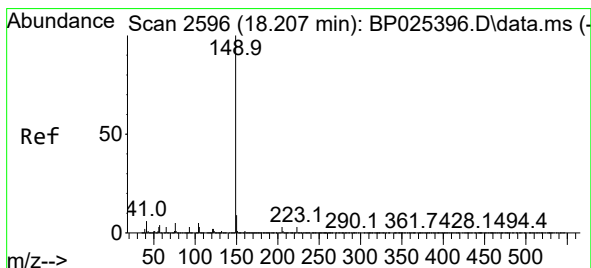
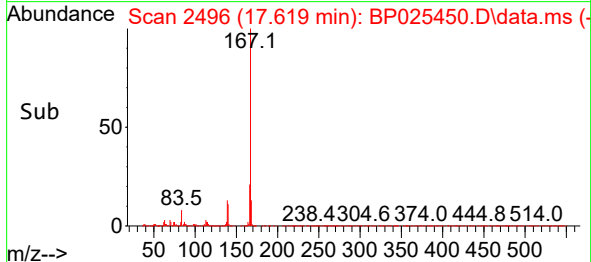
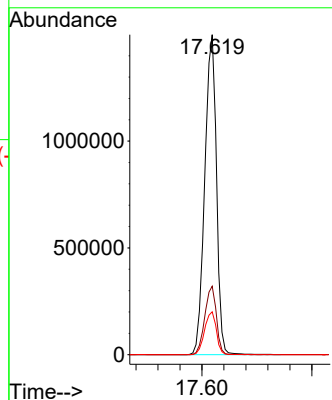
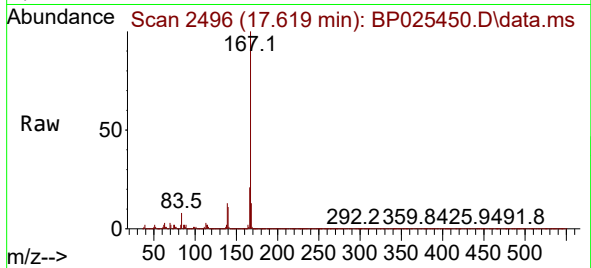




#73  
 Carbazole  
 Concen: 48.178 ng  
 RT: 17.619 min Scan# 2495  
 Delta R.T. 0.006 min  
 Lab File: BP025450.D  
 Acq: 16 Aug 2025 08:07

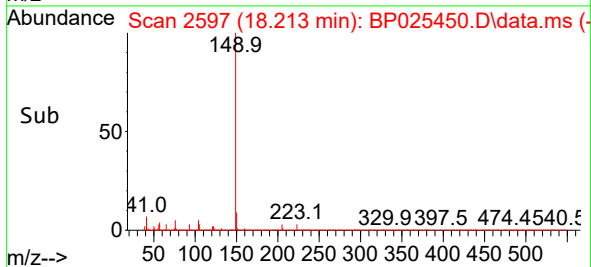
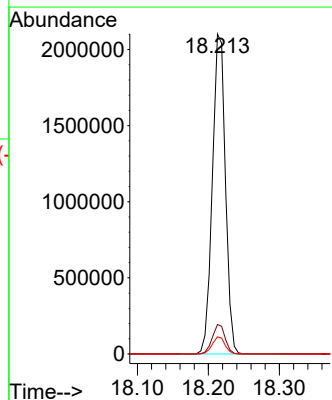
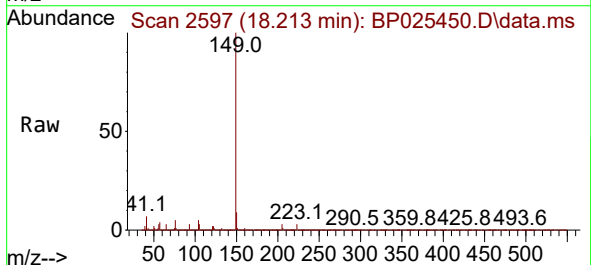
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 BNA\_P  
 ClientSampleId :  
 TG-S01MSD

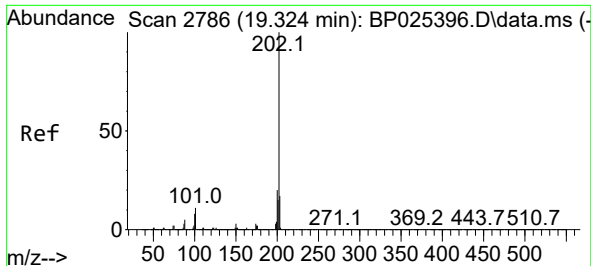
Tgt Ion:167 Resp: 2208948  
 Ion Ratio Lower Upper  
 167 100  
 166 21.4 17.5 26.3  
 139 13.4 10.6 16.0



#74  
 Di-n-butylphthalate  
 Concen: 47.616 ng  
 RT: 18.213 min Scan# 2597  
 Delta R.T. 0.006 min  
 Lab File: BP025450.D  
 Acq: 16 Aug 2025 08:07

Tgt Ion:149 Resp: 2686045  
 Ion Ratio Lower Upper  
 149 100  
 150 9.2 7.4 11.0  
 104 5.3 4.2 6.2

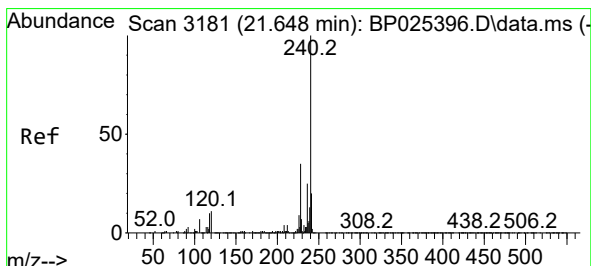
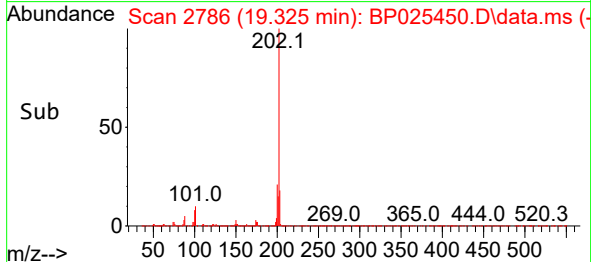
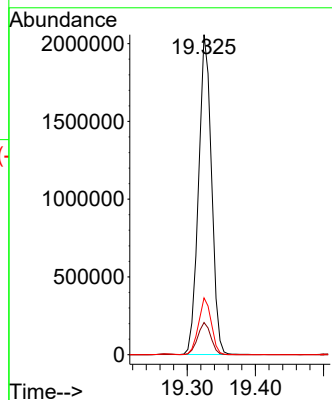
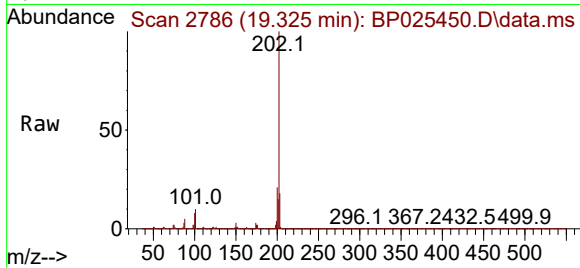




#75  
Fluoranthene  
Concen: 47.573 ng  
RT: 19.325 min Scan# 21  
Delta R.T. 0.000 min  
Lab File: BP025450.D  
Acq: 16 Aug 2025 08:07

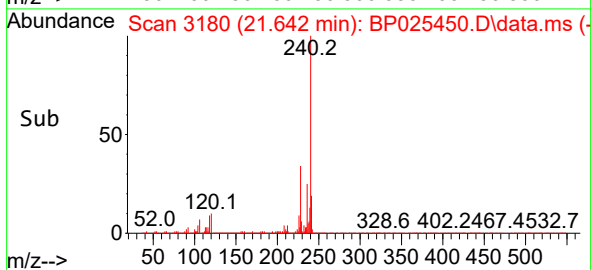
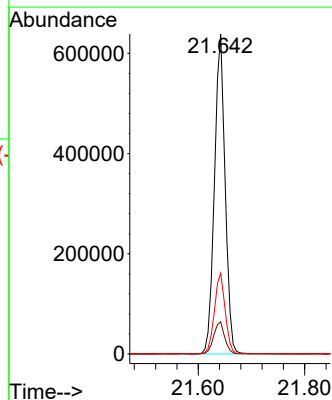
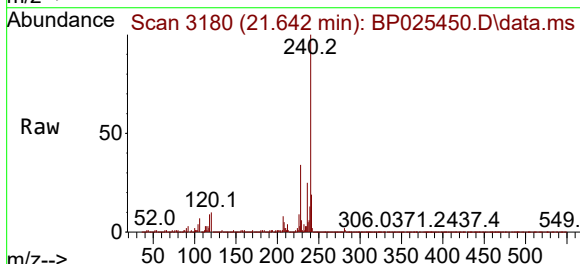
Instrument :  
BNA\_P  
ClientSampleId :  
TG-S01MSD

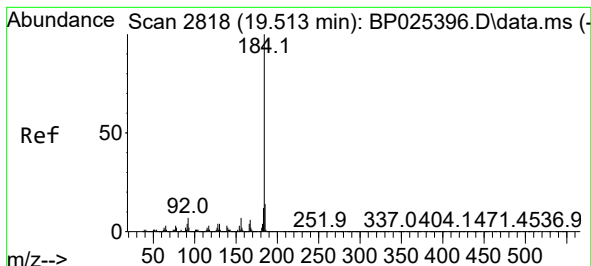
Tgt Ion:202 Resp: 2704873  
Ion Ratio Lower Upper  
202 100  
101 10.1 0.0 31.1  
203 17.7 0.0 37.3



#76  
Chrysene-d12  
Concen: 20.000 ng  
RT: 21.642 min Scan# 3180  
Delta R.T. -0.006 min  
Lab File: BP025450.D  
Acq: 16 Aug 2025 08:07

Tgt Ion:240 Resp: 888384  
Ion Ratio Lower Upper  
240 100  
120 10.0 8.9 13.3  
236 25.3 19.8 29.8





#77

Benzidine

Concen: 27.373 ng

RT: 19.507 min Scan# 2817

Delta R.T. -0.006 min

Lab File: BP025450.D

Acq: 16 Aug 2025 08:07

Instrument :

BNA\_P

ClientSampleId :

TG-S01MSD

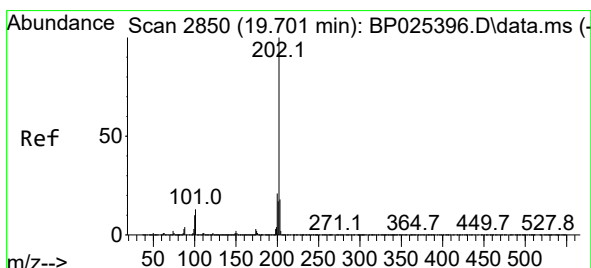
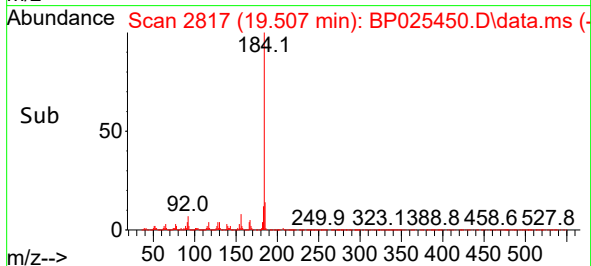
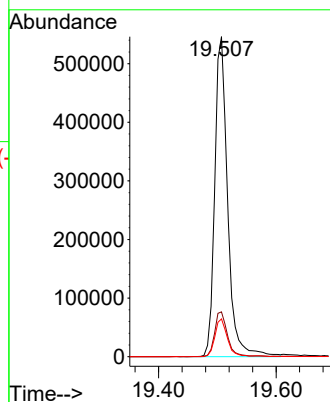
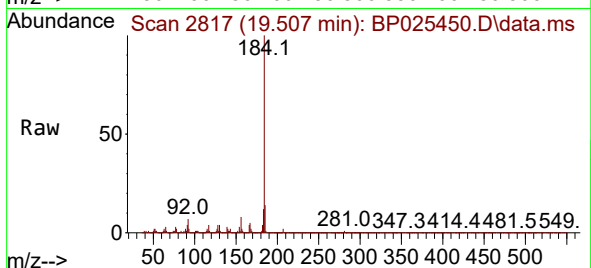
Tgt Ion:184 Resp: 829917

Ion Ratio Lower Upper

184 100

185 14.0 11.5 17.3

183 11.8 9.4 14.2



#78

Pyrene

Concen: 49.301 ng

RT: 19.701 min Scan# 2850

Delta R.T. 0.000 min

Lab File: BP025450.D

Acq: 16 Aug 2025 08:07

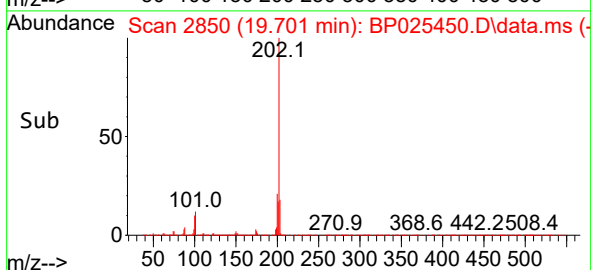
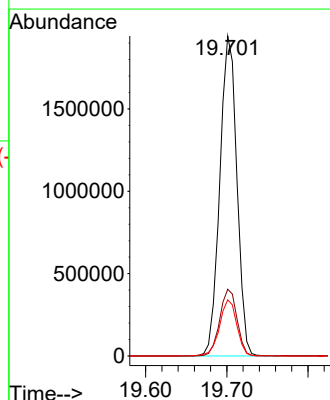
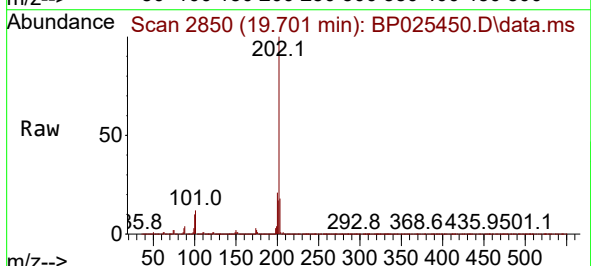
Tgt Ion:202 Resp: 2846746

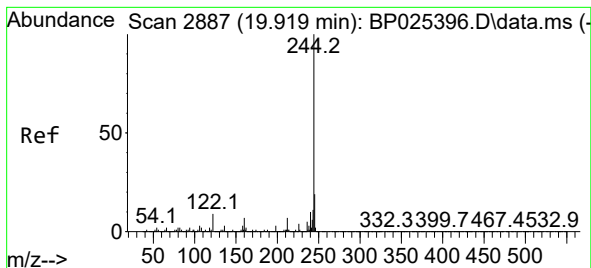
Ion Ratio Lower Upper

202 100

200 20.9 16.9 25.3

203 17.5 14.2 21.2





#79

Terphenyl-d14

Concen: 83.619 ng

RT: 19.919 min Scan# 2887

Delta R.T. 0.000 min

Lab File: BP025450.D

Acq: 16 Aug 2025 08:07

Instrument :

BNA\_P

ClientSampleId :

TG-S01MSD

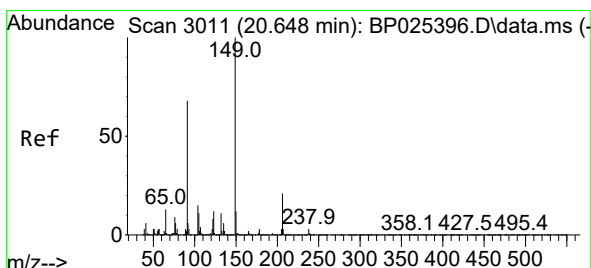
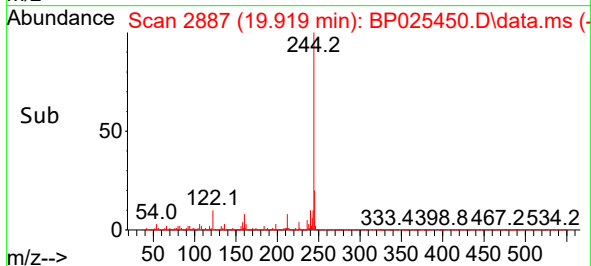
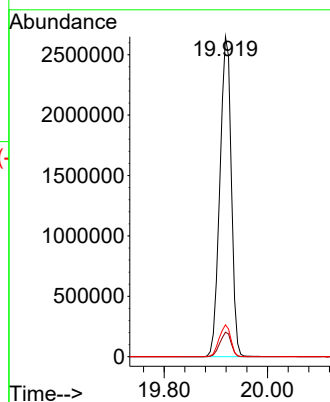
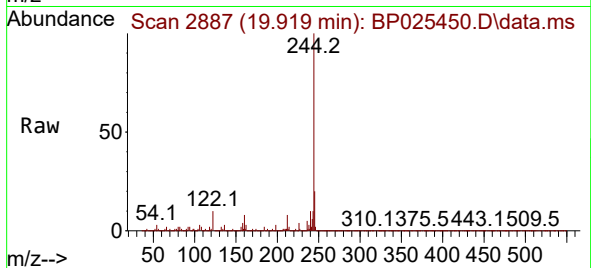
Tgt Ion:244 Resp: 4060286

Ion Ratio Lower Upper

244 100

212 7.7 5.8 8.6

122 10.0 7.4 11.2



#80

Butylbenzylphthalate

Concen: 49.525 ng

RT: 20.648 min Scan# 3011

Delta R.T. 0.000 min

Lab File: BP025450.D

Acq: 16 Aug 2025 08:07

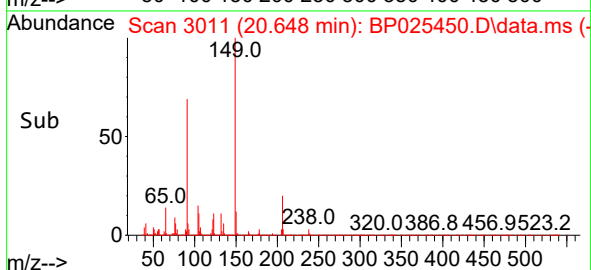
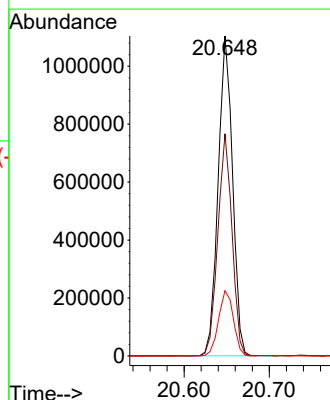
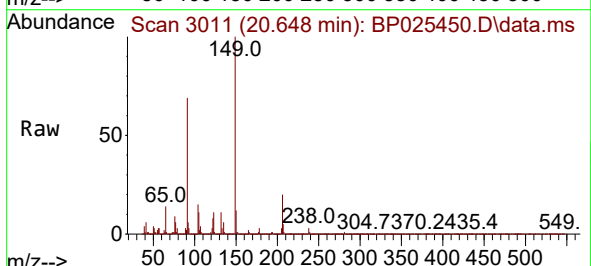
Tgt Ion:149 Resp: 1296053

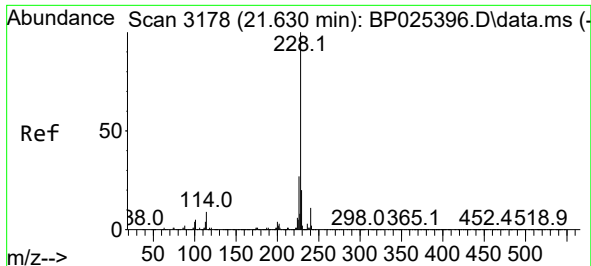
Ion Ratio Lower Upper

149 100

91 69.5 54.2 81.2

206 20.4 16.6 24.8

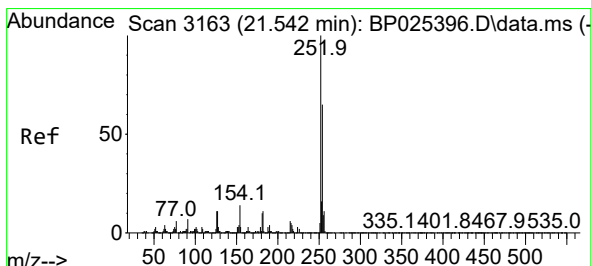
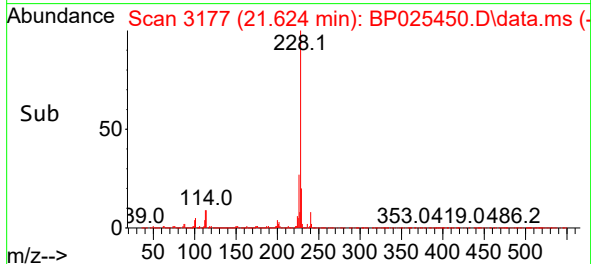
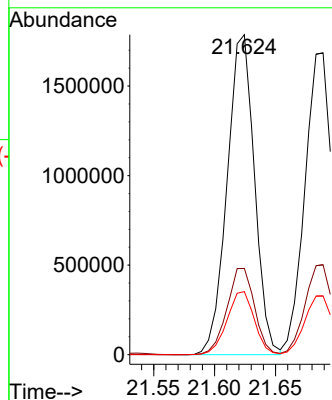
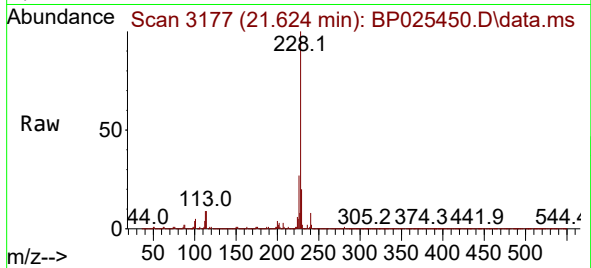




#81  
Benzo(a)anthracene  
Concen: 47.678 ng  
RT: 21.624 min Scan# 3177  
Delta R.T. -0.006 min  
Lab File: BP025450.D  
Acq: 16 Aug 2025 08:07

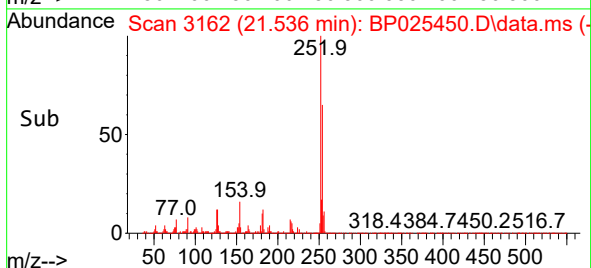
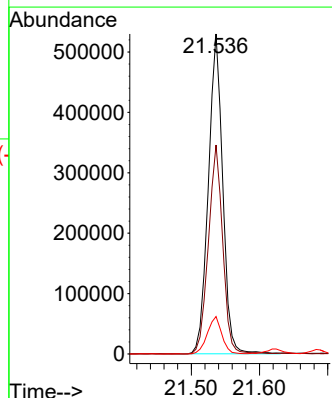
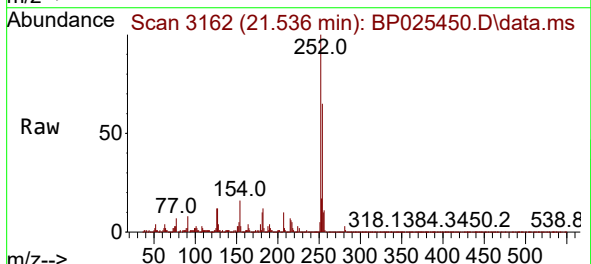
Instrument :  
BNA\_P  
ClientSampleId :  
TG-S01MSD

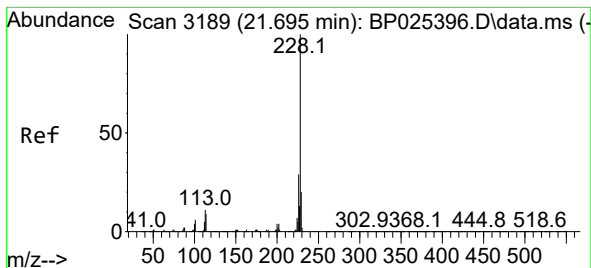
Tgt Ion:228 Resp: 2793394  
Ion Ratio Lower Upper  
228 100  
226 26.9 21.7 32.5  
229 19.7 15.6 23.4



#82  
3,3'-Dichlorobenzidine  
Concen: 35.269 ng  
RT: 21.536 min Scan# 3162  
Delta R.T. -0.006 min  
Lab File: BP025450.D  
Acq: 16 Aug 2025 08:07

Tgt Ion:252 Resp: 778861  
Ion Ratio Lower Upper  
252 100  
254 65.3 51.8 77.6  
126 11.7 9.1 13.7





#83

Chrysene

Concen: 48.605 ng

RT: 21.689 min Scan# 31

Delta R.T. -0.006 min

Lab File: BP025450.D

Acq: 16 Aug 2025 08:07

Instrument :

BNA\_P

ClientSampleId :

TG-S01MSD

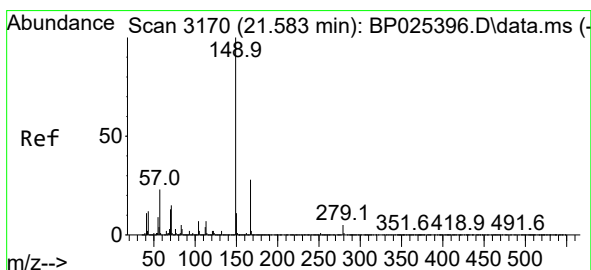
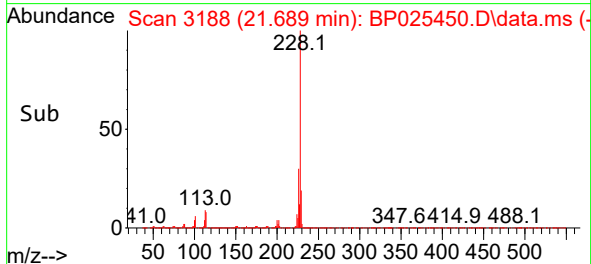
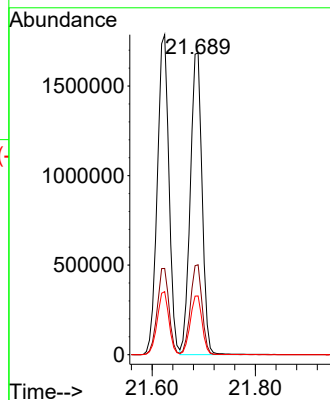
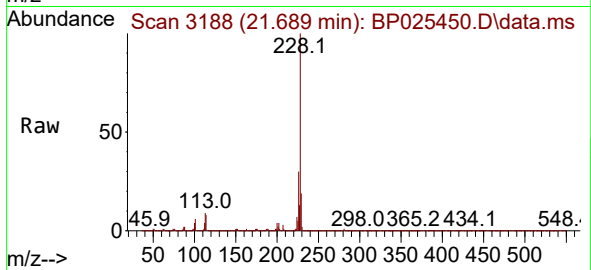
Tgt Ion:228 Resp: 2666882

Ion Ratio Lower Upper

228 100

226 29.8 23.2 34.8

229 19.5 15.6 23.4



#84

Bis(2-ethylhexyl)phthalate

Concen: 48.943 ng

RT: 21.566 min Scan# 3167

Delta R.T. -0.018 min

Lab File: BP025450.D

Acq: 16 Aug 2025 08:07

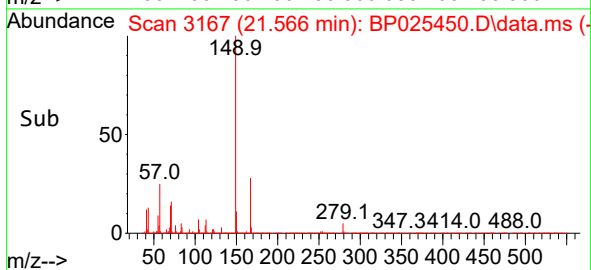
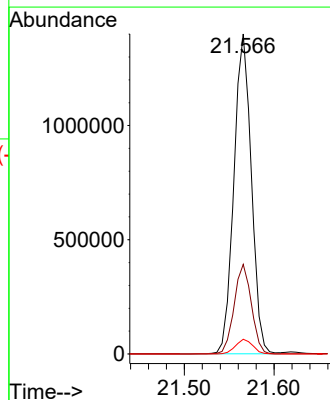
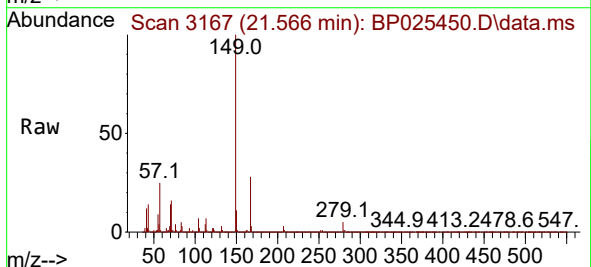
Tgt Ion:149 Resp: 1885442

Ion Ratio Lower Upper

149 100

167 28.0 22.1 33.1

279 4.6 3.8 5.6





#85

Di-n-octyl phthalate

Concen: 49.522 ng

RT: 22.854 min Scan# 31

Delta R.T. -0.018 min

Lab File: BP025450.D

Acq: 16 Aug 2025 08:07

Instrument :

BNA\_P

ClientSampleId :

TG-S01MSD

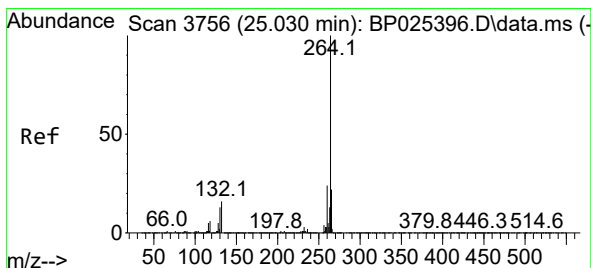
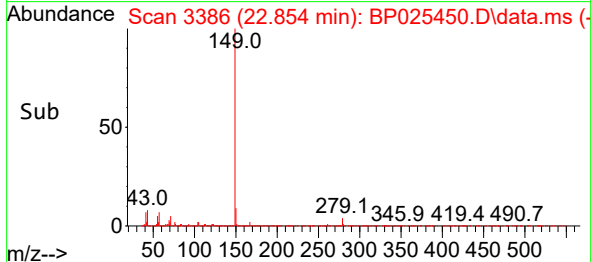
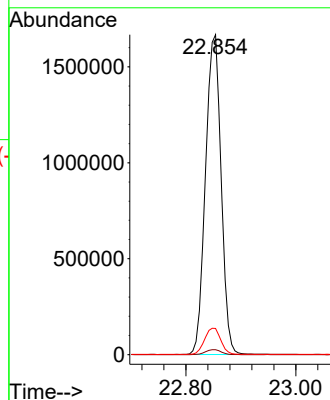
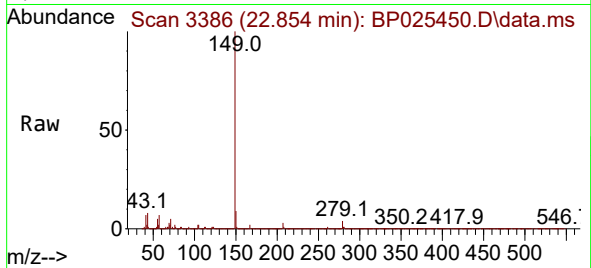
Tgt Ion:149 Resp: 3281395

Ion Ratio Lower Upper

149 100

167 1.6 1.3 1.9

43 8.5 6.3 9.5



#86

Perylene-d12

Concen: 20.000 ng

RT: 24.995 min Scan# 3750

Delta R.T. -0.035 min

Lab File: BP025450.D

Acq: 16 Aug 2025 08:07

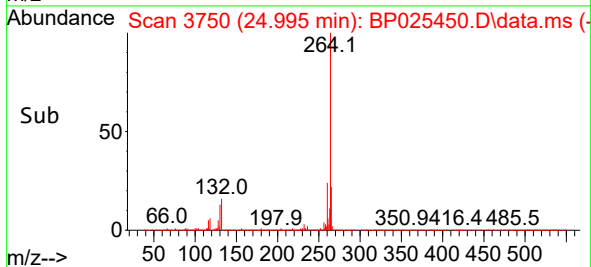
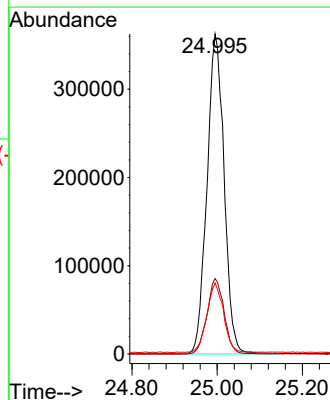
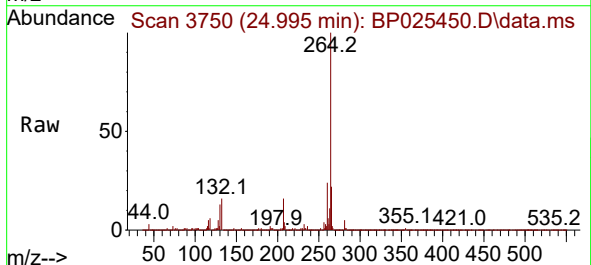
Tgt Ion:264 Resp: 1010794

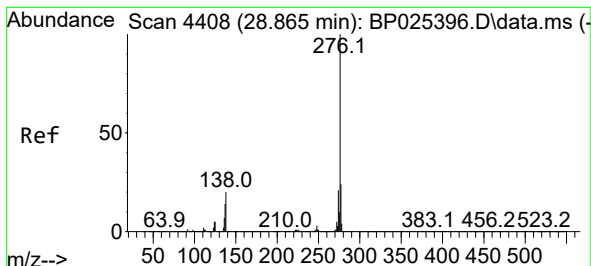
Ion Ratio Lower Upper

264 100

260 23.6 19.3 28.9

265 22.2 17.4 26.0





#87

Indeno(1,2,3-cd)pyrene

Concen: 42.801 ng

RT: 28.824 min Scan# 4408

Delta R.T. -0.041 min

Lab File: BP025450.D

Acq: 16 Aug 2025 08:07

Instrument :

BNA\_P

ClientSampleId :

TG-S01MSD

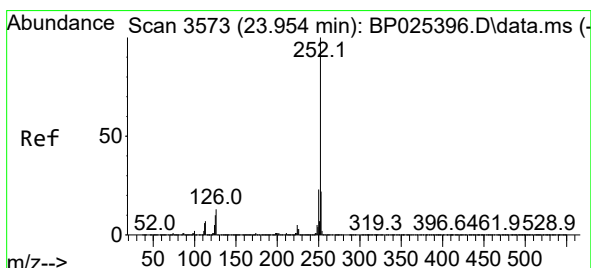
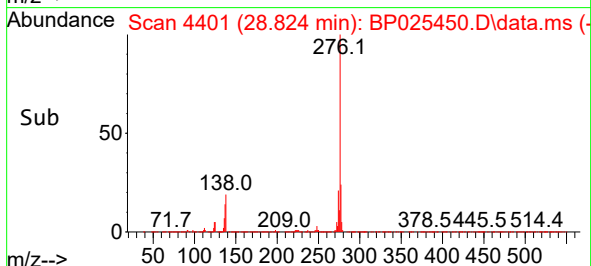
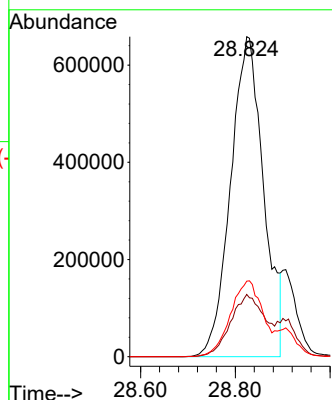
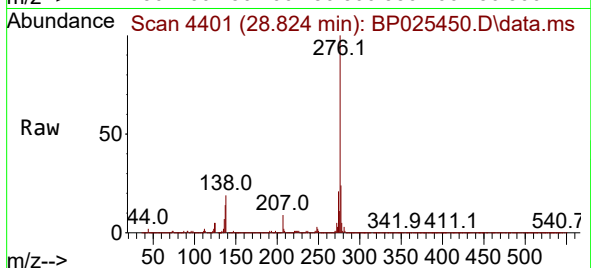
Tgt Ion:276 Resp: 3172742

Ion Ratio Lower Upper

276 100

138 20.4 12.9 19.3#

277 24.1 17.0 25.6



#88

Benzo(b)fluoranthene

Concen: 49.085 ng

RT: 23.936 min Scan# 3570

Delta R.T. -0.018 min

Lab File: BP025450.D

Acq: 16 Aug 2025 08:07

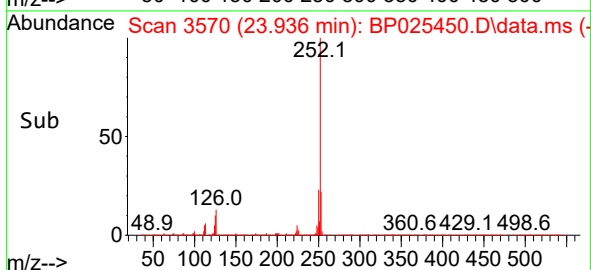
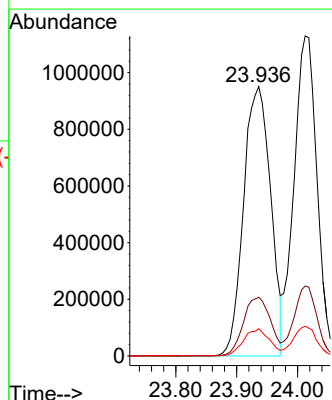
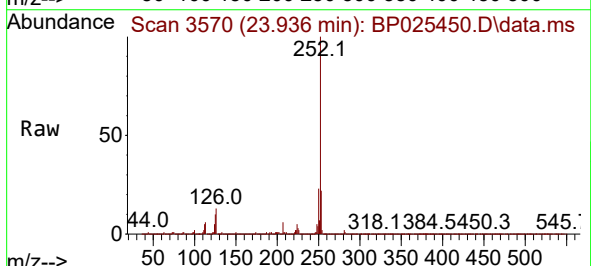
Tgt Ion:252 Resp: 2925656

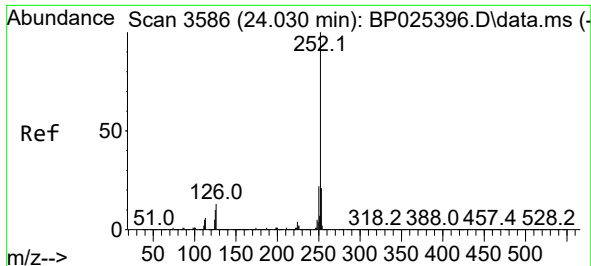
Ion Ratio Lower Upper

252 100

253 21.8 17.7 26.5

125 10.1 7.9 11.9

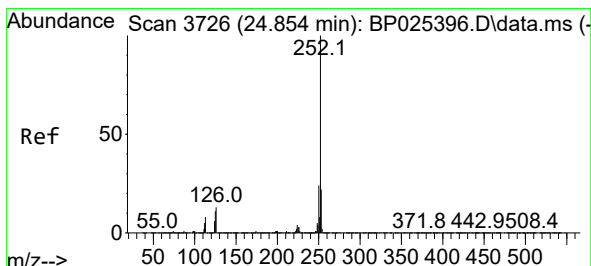
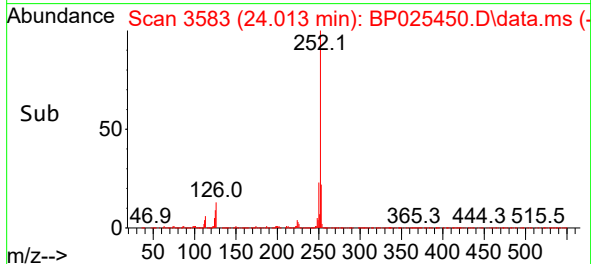
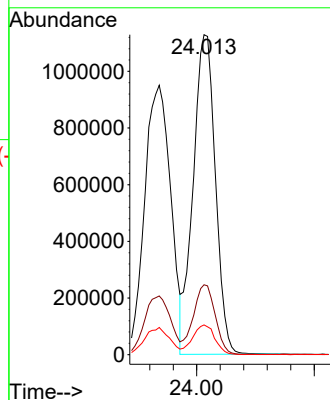
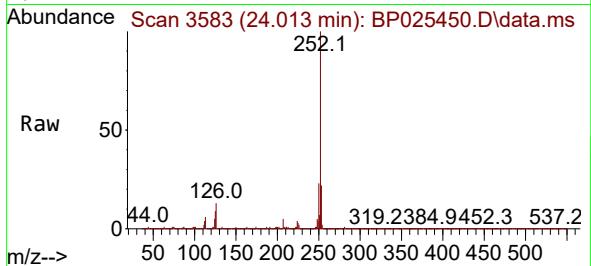




#89  
Benzo(k)fluoranthene  
Concen: 49.657 ng  
RT: 24.013 min Scan# 31  
Delta R.T. -0.018 min  
Lab File: BP025450.D  
Acq: 16 Aug 2025 08:07

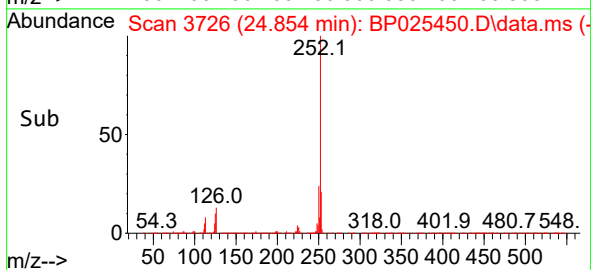
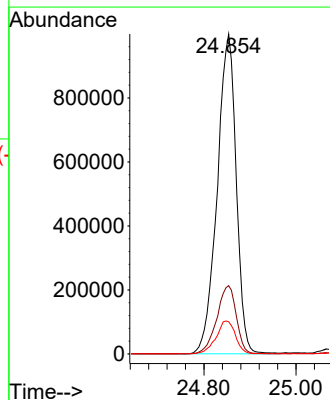
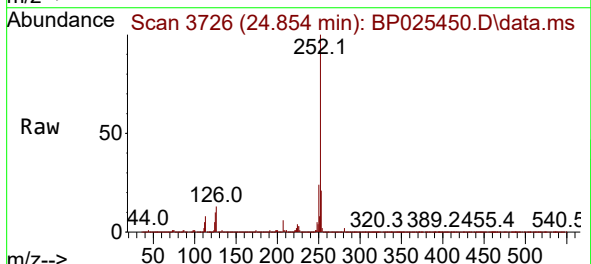
Instrument :  
BNA\_P  
ClientSampleId :  
TG-S01MSD

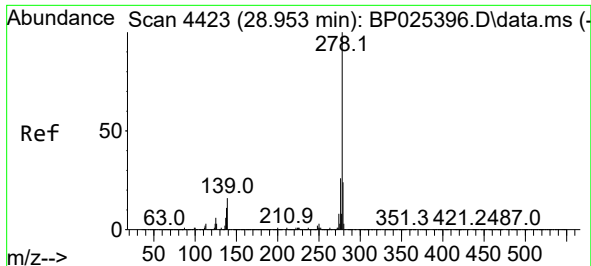
Tgt Ion:252 Resp: 2961772  
Ion Ratio Lower Upper  
252 100  
253 21.9 17.1 25.7  
125 9.3 7.8 11.6



#90  
Benzo(a)pyrene  
Concen: 49.235 ng  
RT: 24.854 min Scan# 3726  
Delta R.T. 0.000 min  
Lab File: BP025450.D  
Acq: 16 Aug 2025 08:07

Tgt Ion:252 Resp: 2856583  
Ion Ratio Lower Upper  
252 100  
253 21.3 17.5 26.3  
125 10.1 8.7 13.1

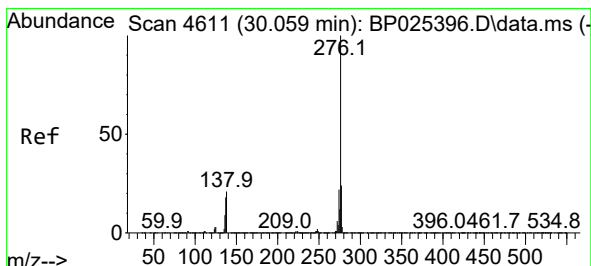
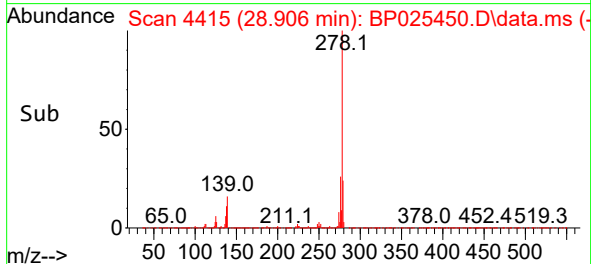
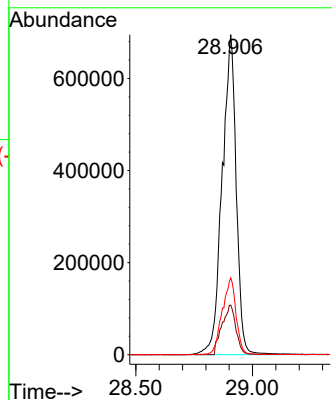
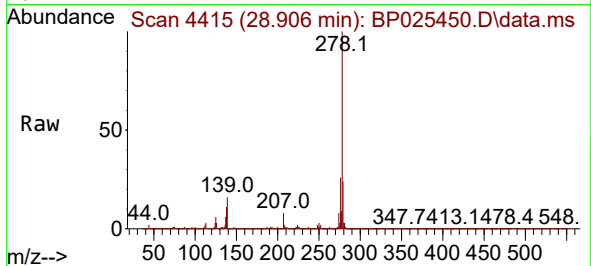




#91  
Dibenzo(a,h)anthracene  
Concen: 48.072 ng  
RT: 28.906 min Scan# 4423  
Delta R.T. -0.047 min  
Lab File: BP025450.D  
Acq: 16 Aug 2025 08:07

Instrument :  
BNA\_P  
ClientSampleId :  
TG-S01MSD

Tgt Ion:278 Resp: 2912079  
Ion Ratio Lower Upper  
278 100  
139 15.5 13.0 19.4  
279 24.0 19.4 29.2



#92  
Benzo(g,h,i)perylene  
Concen: 48.247 ng  
RT: 30.012 min Scan# 4603  
Delta R.T. -0.047 min  
Lab File: BP025450.D  
Acq: 16 Aug 2025 08:07

Tgt Ion:276 Resp: 2872944  
Ion Ratio Lower Upper  
276 100  
277 23.7 19.4 29.0  
138 21.1 16.7 25.1

