

Data Path : Z:\svoasrv\HPCHEM1\BNA\_P\Data\BP050625\  
 Data File : BP024551.D  
 Acq On : 06 May 2025 17:48  
 Operator : RC/JU  
 Sample : Q1956-03MS  
 Misc :  
 ALS Vial : 13 Sample Multiplier: 1

Instrument :  
 BNA\_P  
 ClientSampleId :  
 SB2-4-5MS

Quant Time: May 06 18:10:19 2025  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_P\Methods\8270E-BP041425.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Fri Apr 18 12:04:48 2025  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc    | Units | Dev(Min) |
|-------------------------------|--------|------|----------|---------|-------|----------|
| -----                         |        |      |          |         |       |          |
| Internal Standards            |        |      |          |         |       |          |
| 1) 1,4-Dichlorobenzene-d4     | 7.704  | 152  | 162516   | 20.000  | ng    | -0.02    |
| 21) Naphthalene-d8            | 10.475 | 136  | 676019   | 20.000  | ng    | #-0.02   |
| 39) Acenaphthene-d10          | 14.339 | 164  | 432416   | 20.000  | ng    | -0.01    |
| 64) Phenanthrene-d10          | 17.133 | 188  | 848825   | 20.000  | ng    | #-0.01   |
| 76) Chrysene-d12              | 21.586 | 240  | 867916   | 20.000  | ng    | 0.00     |
| 86) Perylene-d12              | 24.921 | 264  | 1020858  | 20.000  | ng    | -0.01    |
|                               |        |      |          |         |       |          |
| System Monitoring Compounds   |        |      |          |         |       |          |
| 5) 2-Fluorophenol             | 5.328  | 112  | 1083425  | 110.229 | ng    | -0.02    |
| 7) Phenol-d6                  | 6.898  | 99   | 1403610  | 104.292 | ng    | -0.01    |
| 23) Nitrobenzene-d5           | 8.857  | 82   | 854525   | 72.078  | ng    | -0.01    |
| 42) 2,4,6-Tribromophenol      | 15.851 | 330  | 788779   | 131.843 | ng    | -0.01    |
| 45) 2-Fluorobiphenyl          | 12.939 | 172  | 1954117  | 69.192  | ng    | -0.02    |
| 79) Terphenyl-d14             | 19.863 | 244  | 3054230  | 70.931  | ng    | -0.01    |
|                               |        |      |          |         |       |          |
| Target Compounds              |        |      |          |         |       | Qvalue   |
| 2) 1,4-Dioxane                | 3.275  | 88   | 158858   | 38.211  | ng    | # 94     |
| 3) Pyridine                   | 3.669  | 79   | 406163   | 36.998  | ng    | 93       |
| 4) n-Nitrosodimethylamine     | 3.581  | 42   | 180270   | 49.479  | ng    | 80       |
| 6) Aniline                    | 7.046  | 93   | 508231   | 42.260  | ng    | 96       |
| 8) 2-Chlorophenol             | 7.281  | 128  | 530598   | 48.351  | ng    | 100      |
| 9) Benzaldehyde               | 6.857  | 77   | 212625   | 31.938  | ng    | 98       |
| 10) Phenol                    | 6.922  | 94   | 638592   | 47.300  | ng    | 91       |
| 11) bis(2-Chloroethyl)ether   | 7.140  | 93   | 465847   | 42.826  | ng    | 100      |
| 12) 1,3-Dichlorobenzene       | 7.593  | 146  | 538612   | 45.591  | ng    | 98       |
| 13) 1,4-Dichlorobenzene       | 7.740  | 146  | 546736   | 45.611  | ng    | 99       |
| 14) 1,2-Dichlorobenzene       | 8.051  | 146  | 530369   | 45.821  | ng    | 98       |
| 15) Benzyl Alcohol            | 7.951  | 79   | 440025   | 50.556  | ng    | 98       |
| 16) 2,2'-oxybis(1-Chloropr... | 8.222  | 45   | 520219   | 44.245  | ng    | 99       |
| 17) 2-Methylphenol            | 8.157  | 107  | 445445   | 51.003  | ng    | 97       |
| 18) Hexachloroethane          | 8.769  | 117  | 205301   | 47.392  | ng    | 98       |
| 19) n-Nitroso-di-n-propyla... | 8.504  | 70   | 355703   | 42.721  | ng    | 94       |
| 20) 3+4-Methylphenols         | 8.481  | 107  | 603077   | 49.765  | ng    | 98       |
| 22) Acetophenone              | 8.522  | 105  | 752086   | 44.949  | ng    | # 96     |
| 24) Nitrobenzene              | 8.898  | 77   | 543963   | 46.381  | ng    | 99       |
| 25) Isophorone                | 9.416  | 82   | 1024715  | 47.751  | ng    | 98       |
| 26) 2-Nitrophenol             | 9.598  | 139  | 289472   | 50.435  | ng    | # 93     |
| 27) 2,4-Dimethylphenol        | 9.669  | 122  | 501358   | 69.569  | ng    | 98       |
| 28) bis(2-Chloroethoxy)met... | 9.892  | 93   | 624322   | 43.067  | ng    | 99       |
| 29) 2,4-Dichlorophenol        | 10.145 | 162  | 503469   | 51.237  | ng    | 99       |
| 30) 1,2,4-Trichlorobenzene    | 10.339 | 180  | 499312   | 47.427  | ng    | 99       |
| 31) Naphthalene               | 10.528 | 128  | 1570867  | 44.113  | ng    | 99       |
| 32) Benzoic acid              | 9.834  | 122  | 350764   | 41.771  | ng    | 98       |
| 33) 4-Chloroaniline           | 10.645 | 127  | 322028   | 25.679  | ng    | 97       |
| 34) Hexachlorobutadiene       | 10.810 | 225  | 315404   | 50.982  | ng    | 99       |
| 35) Caprolactam               | 11.439 | 113  | 175233   | 48.331  | ng    | 97       |
| 36) 4-Chloro-3-methylphenol   | 11.781 | 107  | 585188   | 51.129  | ng    | 98       |
| 37) 2-Methylnaphthalene       | 12.139 | 142  | 1020073  | 41.305  | ng    | 97       |
| 38) 1-Methylnaphthalene       | 12.357 | 142  | 1076263  | 44.548  | ng    | 98       |
| 40) 1,2,4,5-Tetrachloroben... | 12.510 | 216  | 575732   | 48.415  | ng    | 99       |
| 41) Hexachlorocyclopentadiene | 12.492 | 237  | 632155   | 150.309 | ng    | 98       |
| 43) 2,4,6-Trichlorophenol     | 12.763 | 196  | 411666   | 52.069  | ng    | 96       |

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 Sample : Q1956-03MS  
 Misc :  
 ALS Vial : 13 Sample Multiplier: 1

Instrument :  
 BNA\_P  
 ClientSampleId :  
 SB2-4-5MS

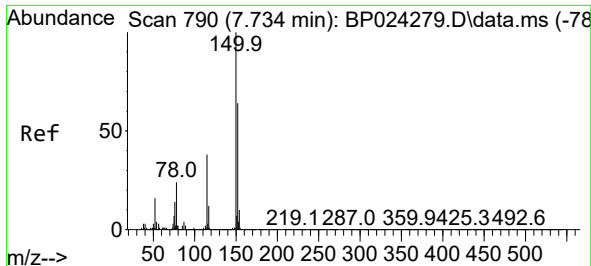
Quant Time: May 06 18:10:19 2025  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_P\Methods\8270E-BP041425.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Fri Apr 18 12:04:48 2025  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc    | Units | Dev(Min) |
|-------------------------------|--------|------|----------|---------|-------|----------|
| 44) 2,4,5-Trichlorophenol     | 12.845 | 196  | 461673   | 52.733  | ng    | 98       |
| 46) 1,1'-Biphenyl             | 13.163 | 154  | 1461354  | 45.976  | ng    | 98       |
| 47) 2-Chloronaphthalene       | 13.204 | 162  | 1114576  | 46.919  | ng    | 98       |
| 48) 2-Nitroaniline            | 13.416 | 65   | 353316   | 53.022  | ng    | 96       |
| 49) Acenaphthylene            | 14.057 | 152  | 1889705  | 50.525  | ng    | 99       |
| 50) Dimethylphthalate         | 13.798 | 163  | 1494426  | 47.523  | ng    | 100      |
| 51) 2,6-Dinitrotoluene        | 13.916 | 165  | 329135   | 49.290  | ng    | 95       |
| 52) Acenaphthene              | 14.404 | 154  | 1081628  | 45.617  | ng    | 98       |
| 53) 3-Nitroaniline            | 14.251 | 138  | 325726   | 46.412  | ng    | 98       |
| 54) 2,4-Dinitrophenol         | 14.469 | 184  | 387344   | 98.477  | ng    | 90       |
| 55) Dibenzofuran              | 14.745 | 168  | 1718937  | 44.351  | ng    | 96       |
| 56) 4-Nitrophenol             | 14.586 | 139  | 608126   | 100.330 | ng    | 88       |
| 57) 2,4-Dinitrotoluene        | 14.716 | 165  | 475616   | 52.214  | ng    | 98       |
| 58) Fluorene                  | 15.404 | 166  | 1395185  | 46.501  | ng    | 100      |
| 59) 2,3,4,6-Tetrachlorophenol | 14.980 | 232  | 402043   | 49.790  | ng    | # 97     |
| 60) Diethylphthalate          | 15.175 | 149  | 1506873  | 46.500  | ng    | 99       |
| 61) 4-Chlorophenyl-phenyle... | 15.398 | 204  | 696326   | 47.792  | ng    | 98       |
| 62) 4-Nitroaniline            | 15.433 | 138  | 365589   | 49.208  | ng    | 84       |
| 63) Azobenzene                | 15.698 | 77   | 1356084  | 45.530  | ng    | 96       |
| 65) 4,6-Dinitro-2-methylph... | 15.492 | 198  | 250062   | 46.727  | ng    | 96       |
| 66) n-Nitrosodiphenylamine    | 15.622 | 169  | 1230658  | 48.575  | ng    | 99       |
| 67) 4-Bromophenyl-phenylether | 16.310 | 248  | 471643   | 50.805  | ng    | 99       |
| 68) Hexachlorobenzene         | 16.427 | 284  | 580819   | 52.652  | ng    | 100      |
| 69) Atrazine                  | 16.592 | 200  | 434806   | 67.383  | ng    | 98       |
| 70) Pentachlorophenol         | 16.786 | 266  | 787505   | 102.330 | ng    | 99       |
| 71) Phenanthrene              | 17.180 | 178  | 2187622  | 47.243  | ng    | 99       |
| 72) Anthracene                | 17.274 | 178  | 2251877  | 50.458  | ng    | 99       |
| 73) Carbazole                 | 17.563 | 167  | 2107444  | 48.329  | ng    | 99       |
| 74) Di-n-butylphthalate       | 18.139 | 149  | 2715929  | 49.992  | ng    | 99       |
| 75) Fluoranthene              | 19.268 | 202  | 2596718  | 47.151  | ng    | 97       |
| 77) Benzidine                 | 19.474 | 184  | 1123745  | 102.144 | ng    | 98       |
| 78) Pyrene                    | 19.645 | 202  | 2645299  | 47.959  | ng    | 99       |
| 80) Butylbenzylphthalate      | 20.598 | 149  | 1243545  | 52.637  | ng    | 95       |
| 81) Benzo(a)anthracene        | 21.568 | 228  | 2638502  | 48.910  | ng    | 100      |
| 82) 3,3'-Dichlorobenzidine    | 21.486 | 252  | 724444   | 38.261  | ng    | 99       |
| 83) Chrysene                  | 21.639 | 228  | 2390595  | 46.255  | ng    | 100      |
| 84) Bis(2-ethylhexyl)phtha... | 21.498 | 149  | 1751888  | 50.584  | ng    | 99       |
| 85) Di-n-octyl phthalate      | 22.774 | 149  | 2905339  | 51.601  | ng    | 100      |
| 87) Indeno(1,2,3-cd)pyrene    | 28.709 | 276  | 3656427  | 51.592  | ng    | 97       |
| 88) Benzo(b)fluoranthene      | 23.874 | 252  | 2784618  | 45.507  | ng    | 98       |
| 89) Benzo(k)fluoranthene      | 23.945 | 252  | 2754953  | 46.609  | ng    | 98       |
| 90) Benzo(a)pyrene            | 24.768 | 252  | 2723040  | 51.589  | ng    | # 98     |
| 91) Dibenzo(a,h)anthracene    | 28.791 | 278  | 2983539  | 50.718  | ng    | 97       |
| 92) Benzo(g,h,i)perylene      | 29.886 | 276  | 2912409  | 48.640  | ng    | 96       |

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

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QLast Update : Fri Apr 18 12:04:48 2025  
Response via : Initial Calibration

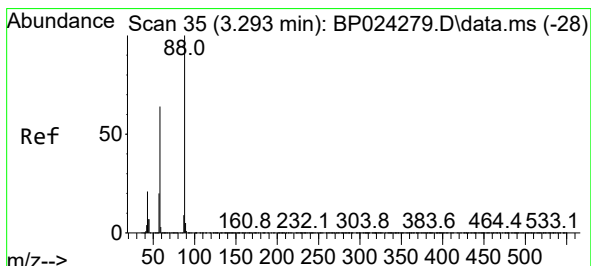
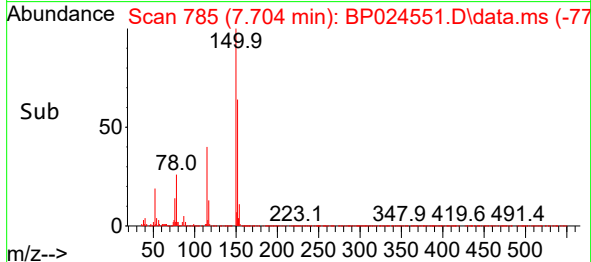
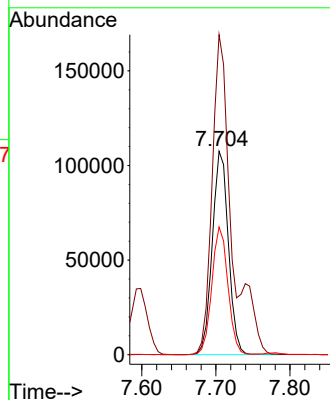
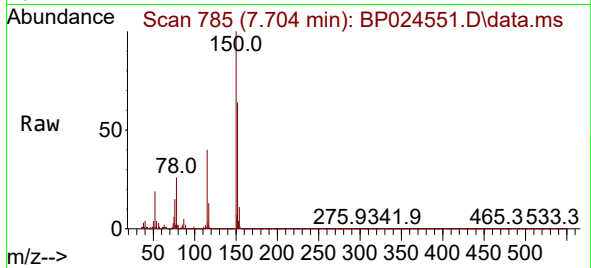




#1  
1,4-Dichlorobenzene-d4  
Concen: 20.000 ng  
RT: 7.704 min Scan# 71  
Delta R.T. -0.018 min  
Lab File: BP024551.D  
Acq: 06 May 2025 17:48

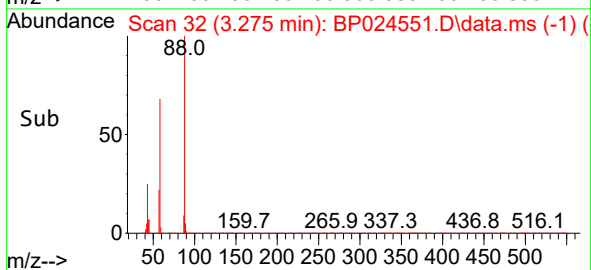
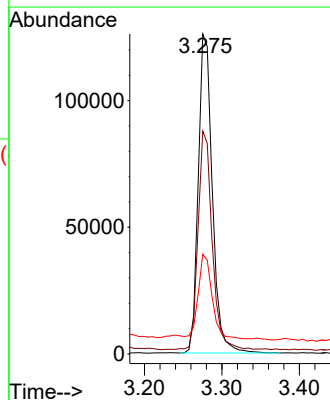
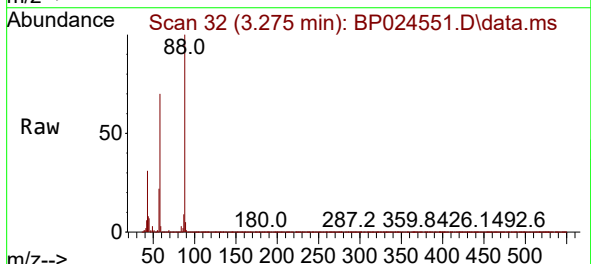
Instrument :  
BNA\_P  
ClientSampleId :  
SB2-4-5MS

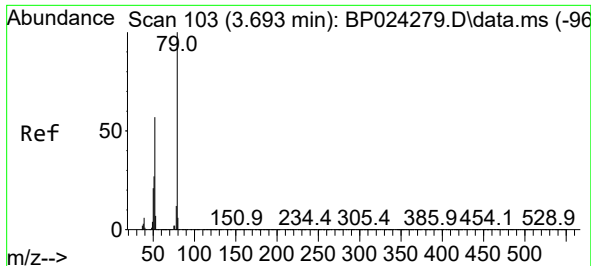
Tgt Ion:152 Resp: 162516  
Ion Ratio Lower Upper  
152 100  
150 157.3 124.9 187.3  
115 62.8 47.7 71.5



#2  
1,4-Dioxane  
Concen: 38.211 ng  
RT: 3.275 min Scan# 32  
Delta R.T. -0.012 min  
Lab File: BP024551.D  
Acq: 06 May 2025 17:48

Tgt Ion: 88 Resp: 158858  
Ion Ratio Lower Upper  
88 100  
58 68.6 51.4 77.2  
43 25.9 17.1 25.7#

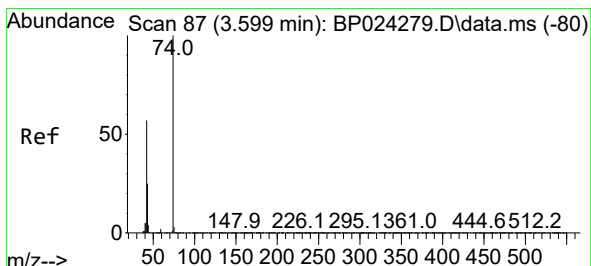
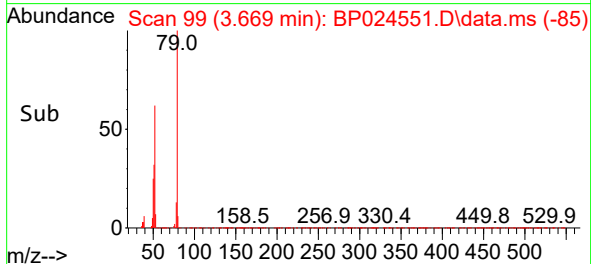
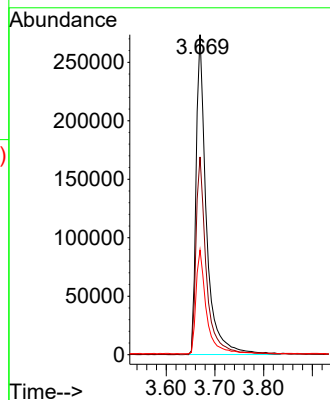
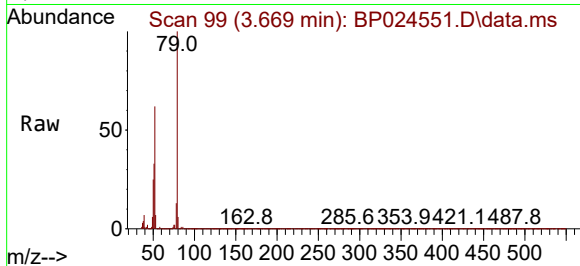




#3  
Pyridine  
Concen: 36.998 ng  
RT: 3.669 min Scan# 99  
Delta R.T. -0.018 min  
Lab File: BP024551.D  
Acq: 06 May 2025 17:48

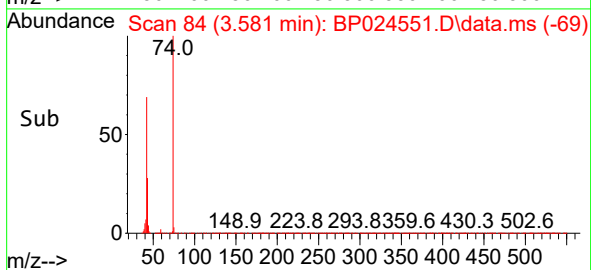
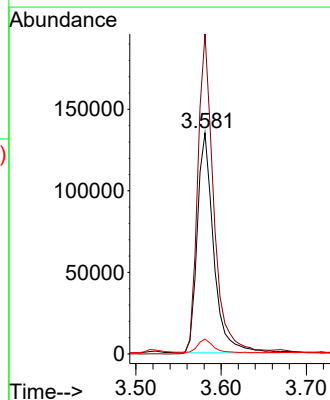
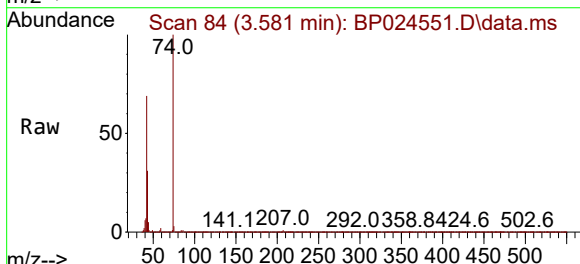
Instrument :  
BNA\_P  
ClientSampleId :  
SB2-4-5MS

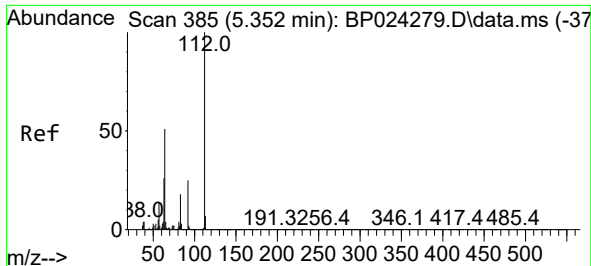
Tgt Ion: 79 Resp: 406163  
Ion Ratio Lower Upper  
79 100  
52 61.8 45.4 68.2  
51 32.7 22.6 33.8



#4  
n-Nitrosodimethylamine  
Concen: 49.479 ng  
RT: 3.581 min Scan# 84  
Delta R.T. -0.012 min  
Lab File: BP024551.D  
Acq: 06 May 2025 17:48

Tgt Ion: 42 Resp: 180270  
Ion Ratio Lower Upper  
42 100  
74 144.8 139.5 209.3  
44 6.7 5.8 8.8

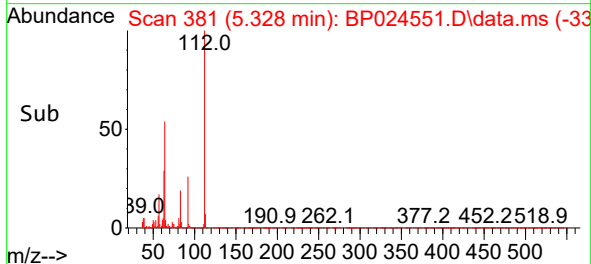
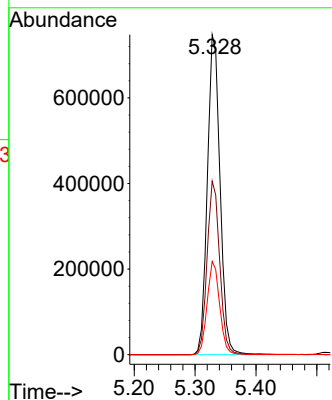
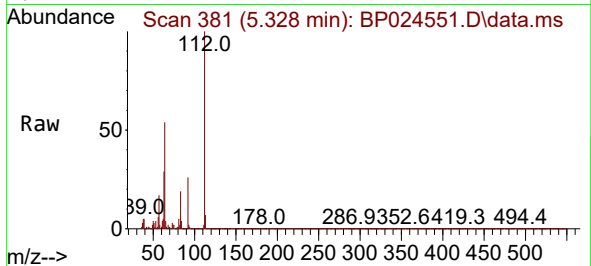




#5  
2-Fluorophenol  
Concen: 110.229 ng  
RT: 5.328 min Scan# 31  
Delta R.T. -0.018 min  
Lab File: BP024551.D  
Acq: 06 May 2025 17:48

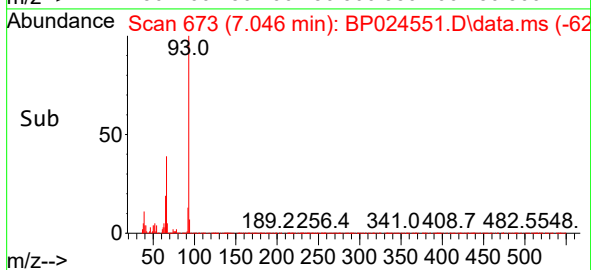
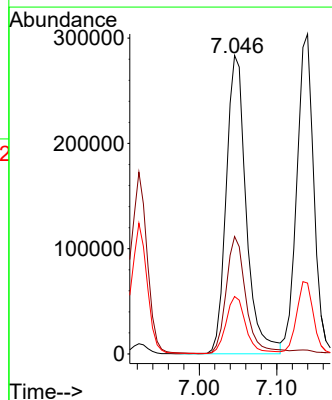
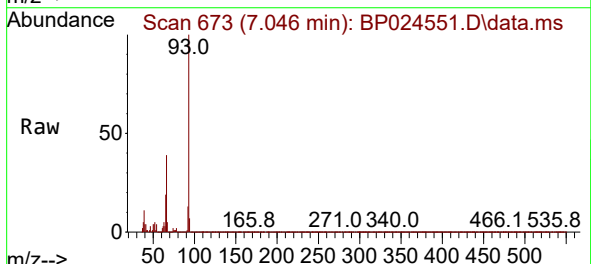
Instrument :  
BNA\_P  
ClientSampleId :  
SB2-4-5MS

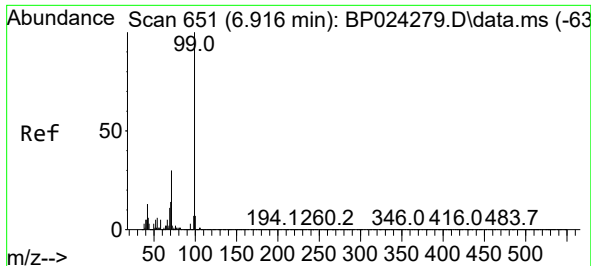
Tgt Ion:112 Resp: 1083425  
Ion Ratio Lower Upper  
112 100  
64 54.3 41.1 61.7  
63 29.1 20.6 30.8



#6  
Aniline  
Concen: 42.260 ng  
RT: 7.046 min Scan# 673  
Delta R.T. -0.018 min  
Lab File: BP024551.D  
Acq: 06 May 2025 17:48

Tgt Ion: 93 Resp: 508231  
Ion Ratio Lower Upper  
93 100  
66 39.3 29.1 43.7  
65 19.2 14.7 22.1

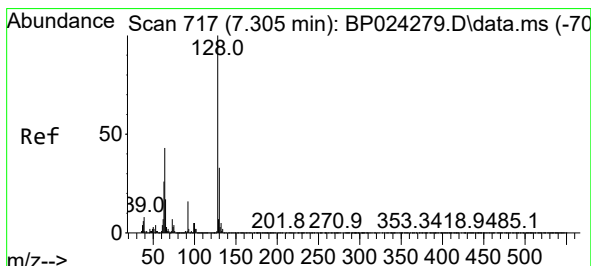
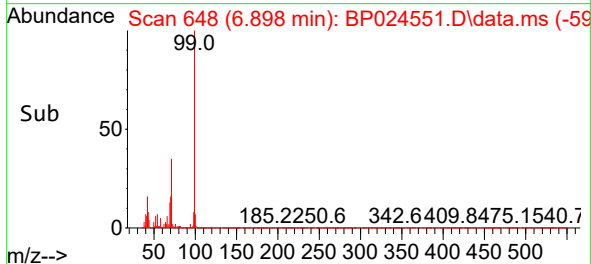
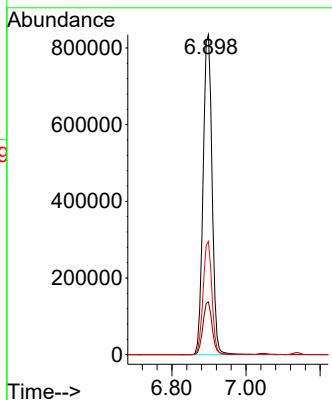
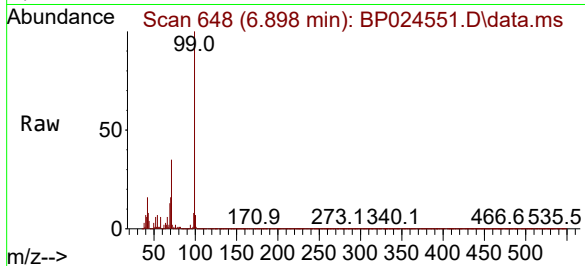




#7  
Phenol-d6  
Concen: 104.292 ng  
RT: 6.898 min Scan# 64  
Delta R.T. -0.012 min  
Lab File: BP024551.D  
Acq: 06 May 2025 17:48

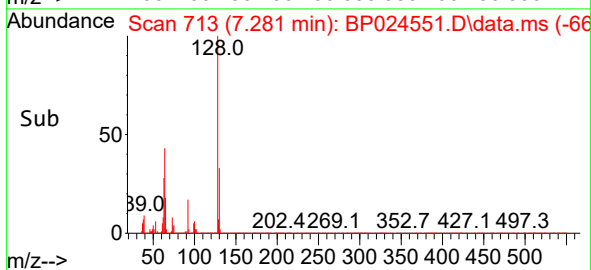
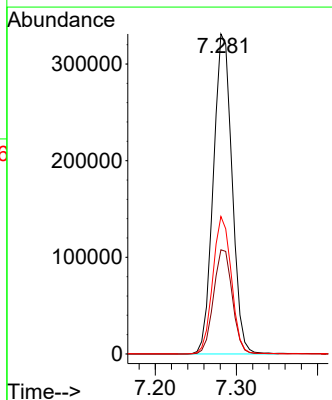
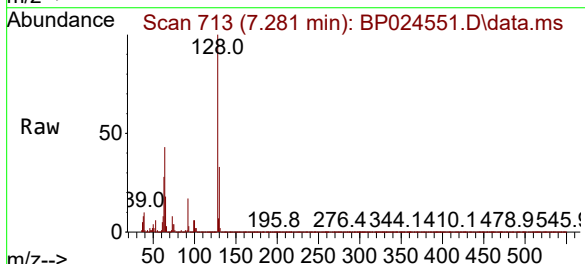
Instrument :  
BNA\_P  
ClientSampleId :  
SB2-4-5MS

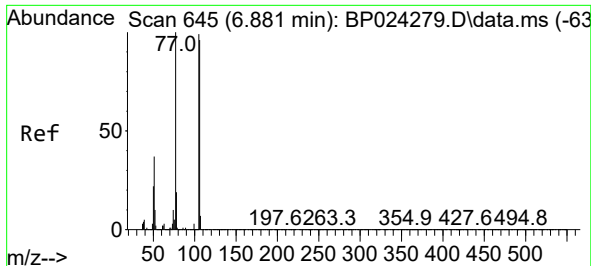
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Ion Ratio Lower Upper  
99 100  
42 16.5 10.6 16.0#  
71 35.4 23.7 35.5



#8  
2-Chlorophenol  
Concen: 48.351 ng  
RT: 7.281 min Scan# 713  
Delta R.T. -0.018 min  
Lab File: BP024551.D  
Acq: 06 May 2025 17:48

Tgt Ion:128 Resp: 530598  
Ion Ratio Lower Upper  
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130 32.6 12.9 52.9  
64 43.0 22.7 62.7

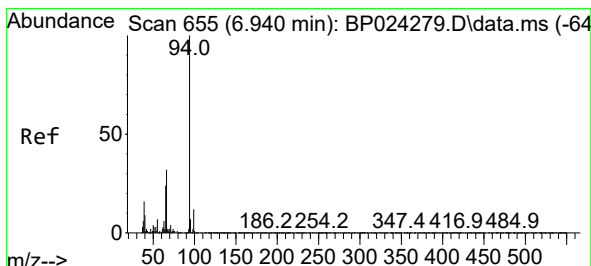
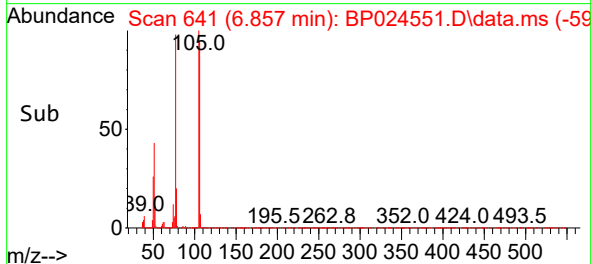
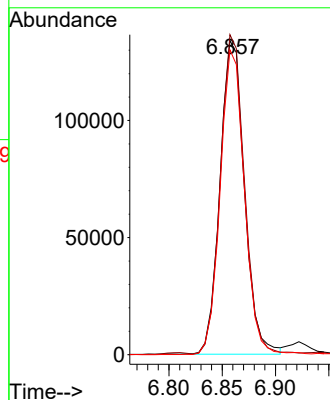
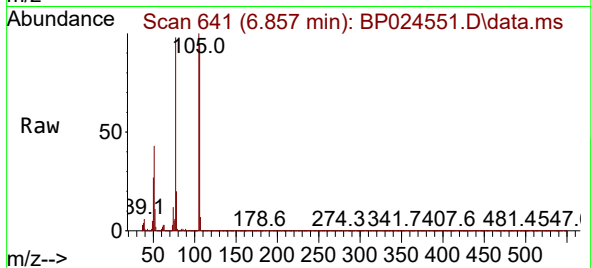




#9  
Benzaldehyde  
Concen: 31.938 ng  
RT: 6.857 min Scan# 641  
Delta R.T. -0.024 min  
Lab File: BP024551.D  
Acq: 06 May 2025 17:48

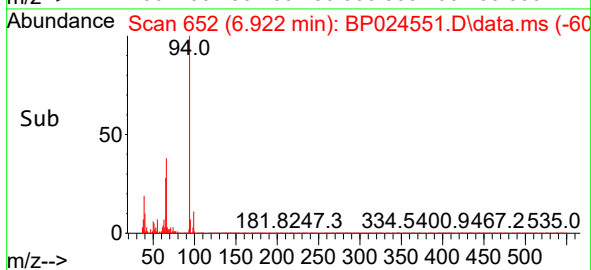
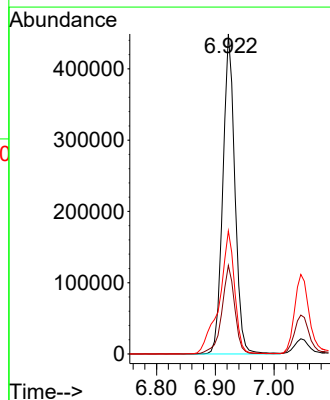
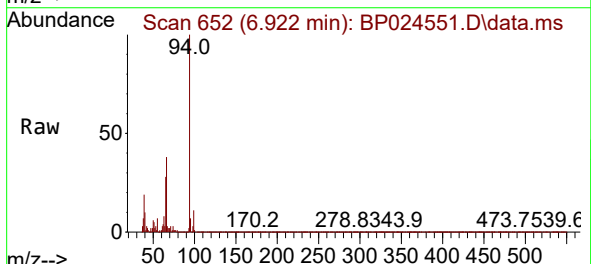
Instrument :  
BNA\_P  
ClientSampleId :  
SB2-4-5MS

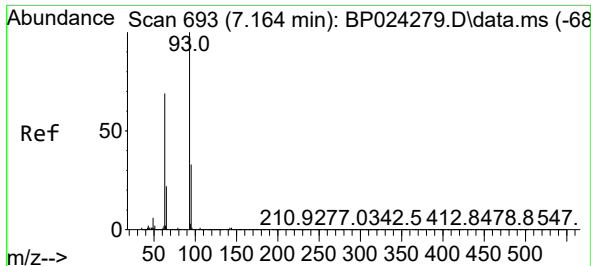
Tgt Ion: 77 Resp: 212625  
Ion Ratio Lower Upper  
77 100  
105 101.9 79.2 119.2  
106 97.0 76.2 116.2



#10  
Phenol  
Concen: 47.300 ng  
RT: 6.922 min Scan# 652  
Delta R.T. -0.018 min  
Lab File: BP024551.D  
Acq: 06 May 2025 17:48

Tgt Ion: 94 Resp: 638592  
Ion Ratio Lower Upper  
94 100  
65 27.7 4.5 44.5  
66 38.5 12.4 52.4

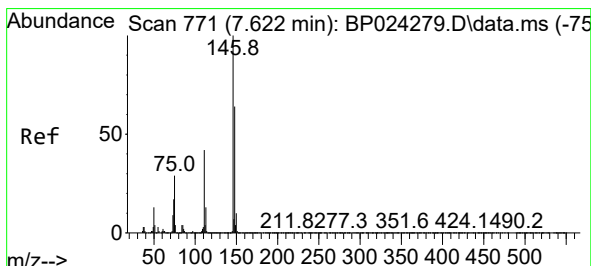
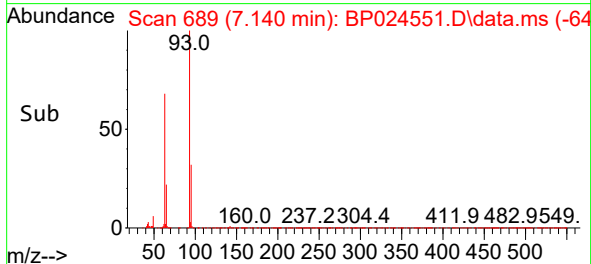
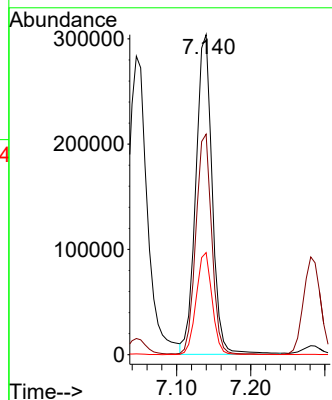
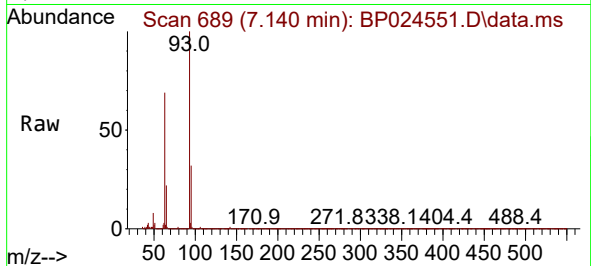




#11  
bis(2-Chloroethyl)ether  
Concen: 42.826 ng  
RT: 7.140 min Scan# 61  
Delta R.T. -0.018 min  
Lab File: BP024551.D  
Acq: 06 May 2025 17:48

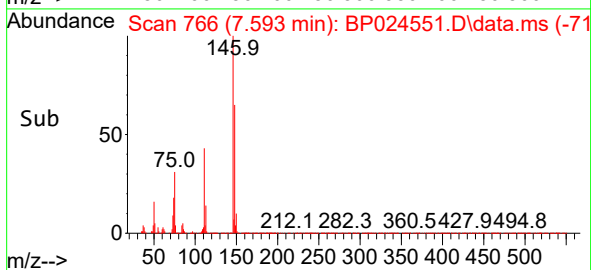
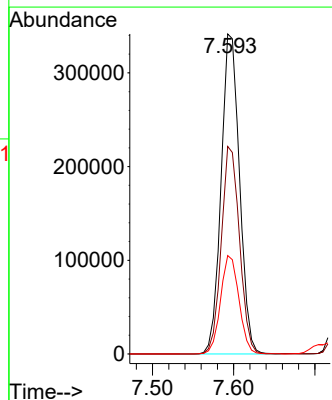
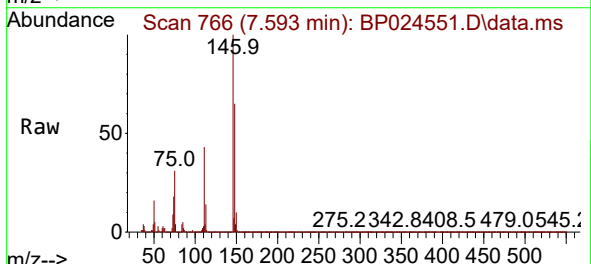
Instrument :  
BNA\_P  
ClientSampleId :  
SB2-4-5MS

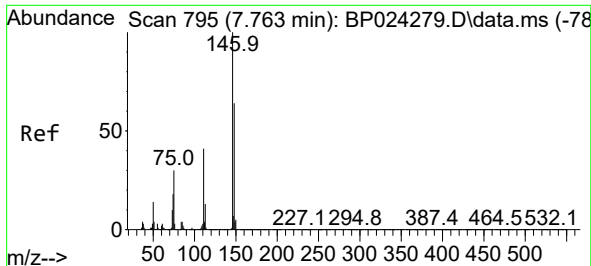
Tgt Ion: 93 Resp: 465847  
Ion Ratio Lower Upper  
93 100  
63 68.9 48.6 88.6  
95 31.9 12.3 52.3



#12  
1,3-Dichlorobenzene  
Concen: 45.591 ng  
RT: 7.593 min Scan# 766  
Delta R.T. -0.024 min  
Lab File: BP024551.D  
Acq: 06 May 2025 17:48

Tgt Ion:146 Resp: 538612  
Ion Ratio Lower Upper  
146 100  
148 64.8 51.4 77.0  
75 30.8 22.9 34.3

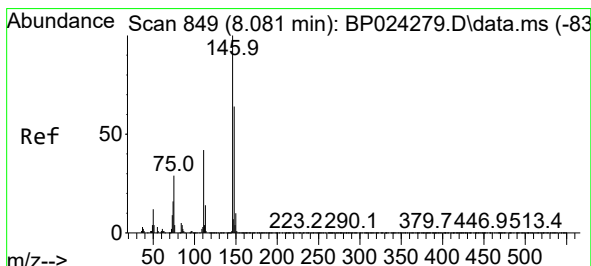
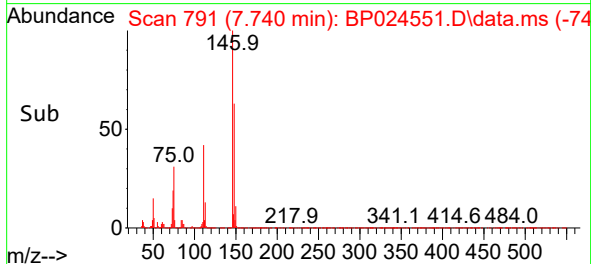
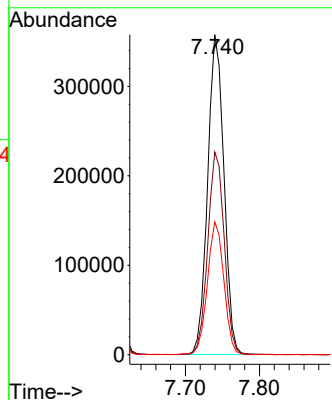
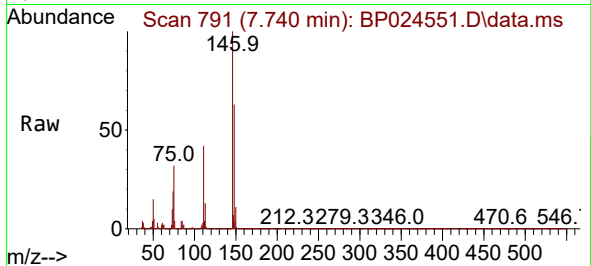




#13  
1,4-Dichlorobenzene  
Concen: 45.611 ng  
RT: 7.740 min Scan# 795  
Delta R.T. -0.018 min  
Lab File: BP024551.D  
Acq: 06 May 2025 17:48

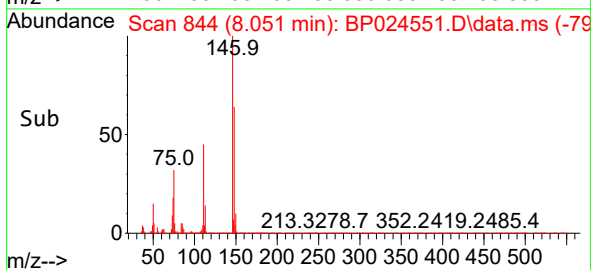
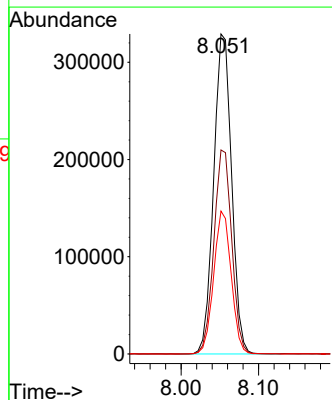
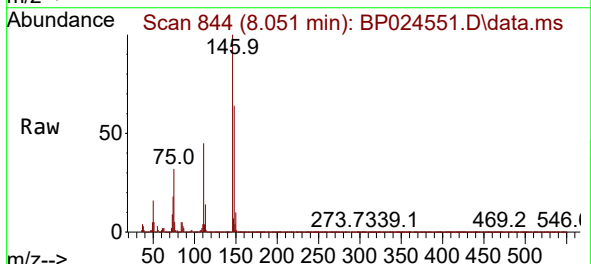
Instrument :  
BNA\_P  
ClientSampleId :  
SB2-4-5MS

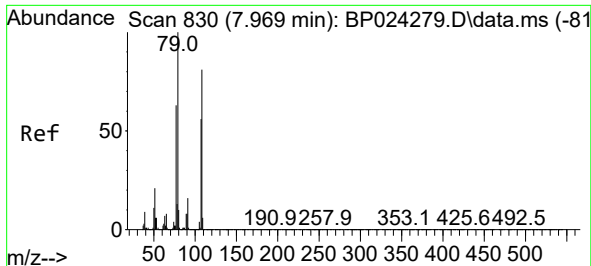
Tgt Ion:146 Resp: 546736  
Ion Ratio Lower Upper  
146 100  
148 63.4 51.1 76.7  
111 41.5 32.6 48.8



#14  
1,2-Dichlorobenzene  
Concen: 45.821 ng  
RT: 8.051 min Scan# 844  
Delta R.T. -0.024 min  
Lab File: BP024551.D  
Acq: 06 May 2025 17:48

Tgt Ion:146 Resp: 530369  
Ion Ratio Lower Upper  
146 100  
148 63.7 51.0 76.4  
111 44.7 33.8 50.8

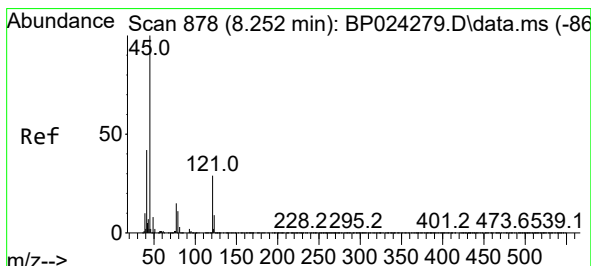
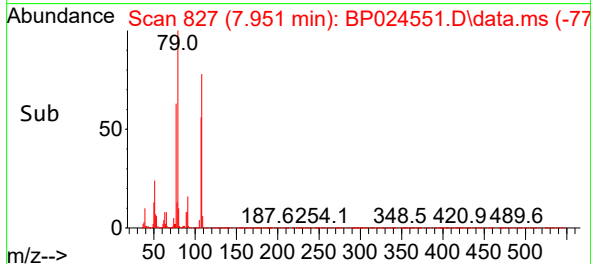
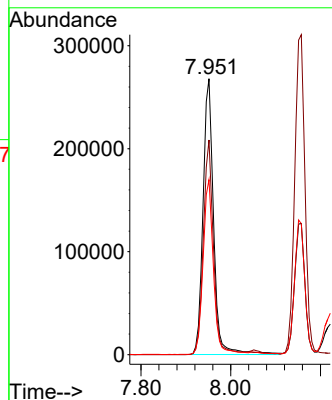
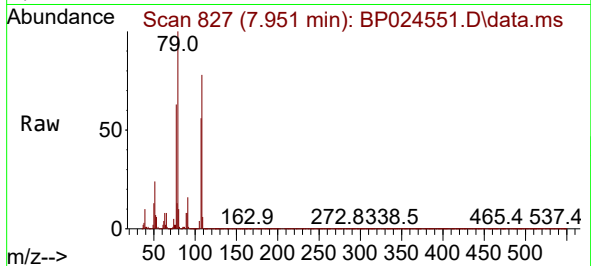




#15  
Benzyl Alcohol  
Concen: 50.556 ng  
RT: 7.951 min Scan# 81  
Delta R.T. -0.012 min  
Lab File: BP024551.D  
Acq: 06 May 2025 17:48

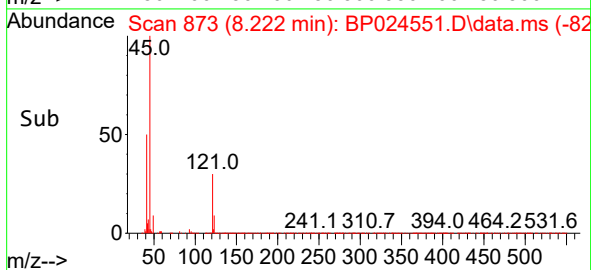
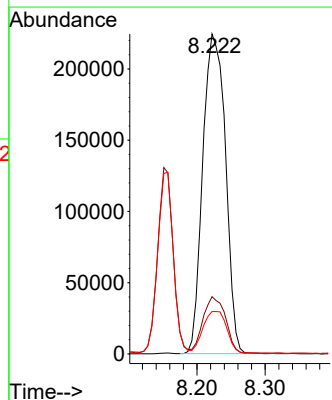
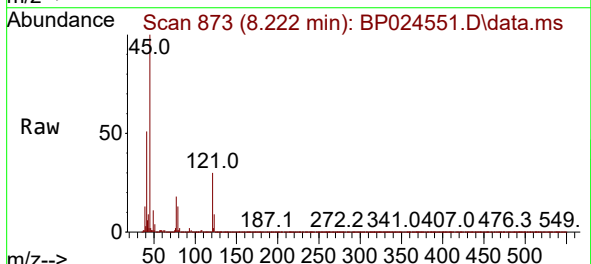
Instrument :  
BNA\_P  
ClientSampleId :  
SB2-4-5MS

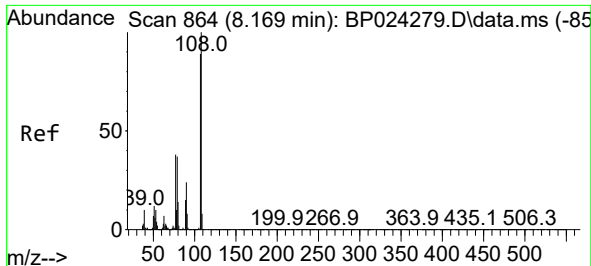
Tgt Ion: 79 Resp: 440025  
Ion Ratio Lower Upper  
79 100  
108 77.8 65.1 97.7  
77 63.4 50.7 76.1



#16  
2,2'-oxybis(1-Chloropropane)  
Concen: 44.245 ng  
RT: 8.222 min Scan# 873  
Delta R.T. -0.024 min  
Lab File: BP024551.D  
Acq: 06 May 2025 17:48

Tgt Ion: 45 Resp: 520219  
Ion Ratio Lower Upper  
45 100  
77 17.9 0.0 37.7  
79 13.3 0.0 33.5

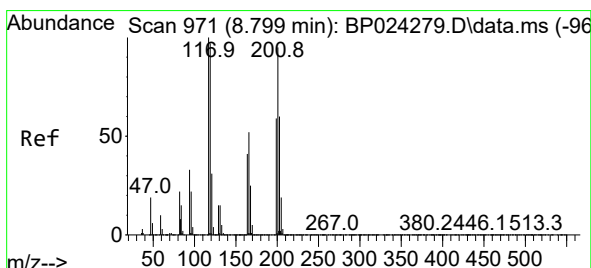
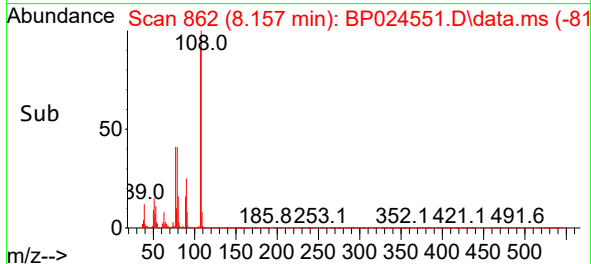
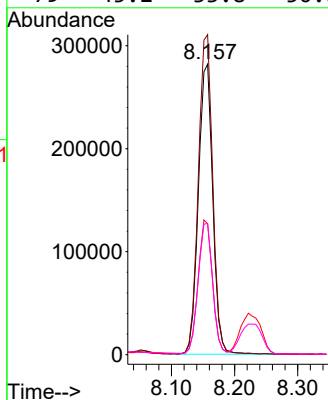
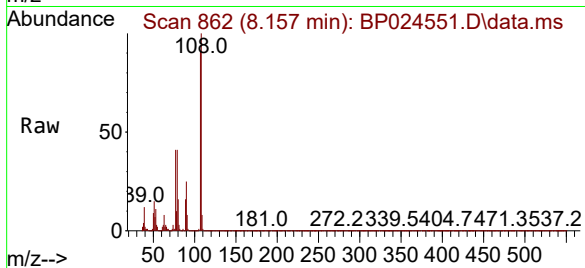




#17  
2-Methylphenol  
Concen: 51.003 ng  
RT: 8.157 min Scan# 80  
Delta R.T. -0.012 min  
Lab File: BP024551.D  
Acq: 06 May 2025 17:48

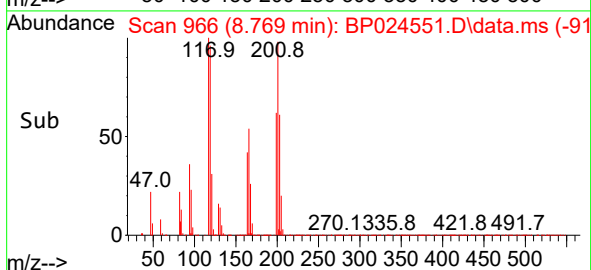
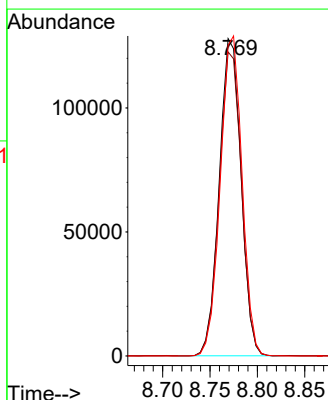
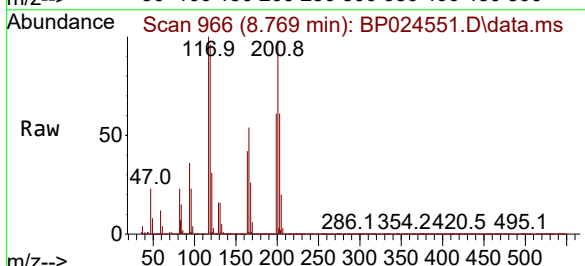
Instrument :  
BNA\_P  
ClientSampleId :  
SB2-4-5MS

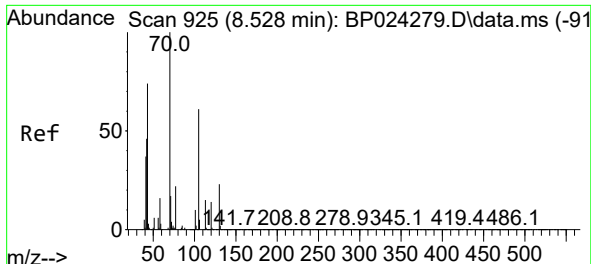
Tgt Ion:107 Resp: 445445  
Ion Ratio Lower Upper  
107 100  
108 110.1 89.8 134.6  
77 45.1 34.2 51.4  
79 45.2 33.8 50.8



#18  
Hexachloroethane  
Concen: 47.392 ng  
RT: 8.769 min Scan# 966  
Delta R.T. -0.024 min  
Lab File: BP024551.D  
Acq: 06 May 2025 17:48

Tgt Ion:117 Resp: 205301  
Ion Ratio Lower Upper  
117 100  
119 95.8 77.8 116.6  
201 97.9 75.9 113.9

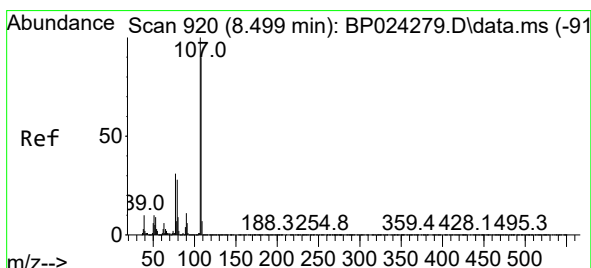
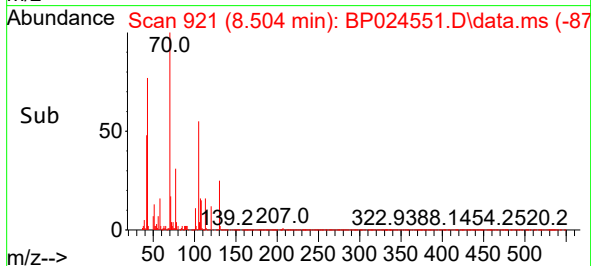
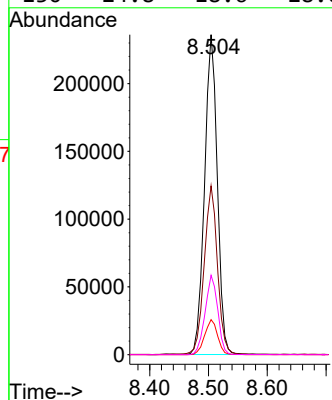
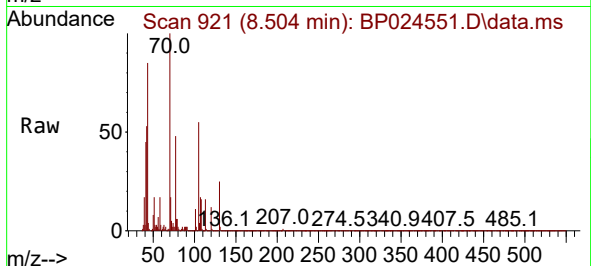




#19  
n-Nitroso-di-n-propylamine  
Concen: 42.721 ng  
RT: 8.504 min Scan# 917  
Delta R.T. -0.018 min  
Lab File: BP024551.D  
Acq: 06 May 2025 17:48

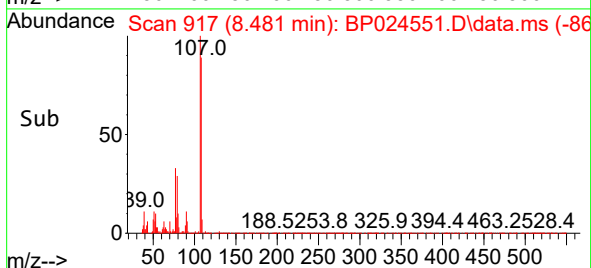
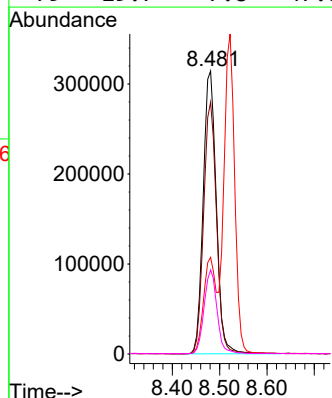
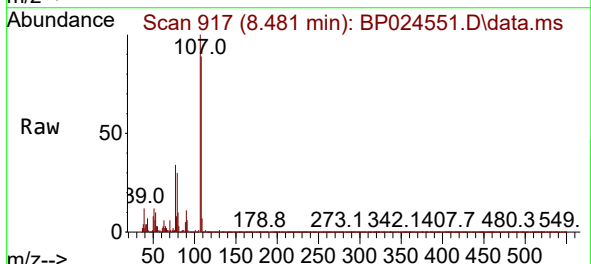
Instrument :  
BNA\_P  
ClientSampleId :  
SB2-4-5MS

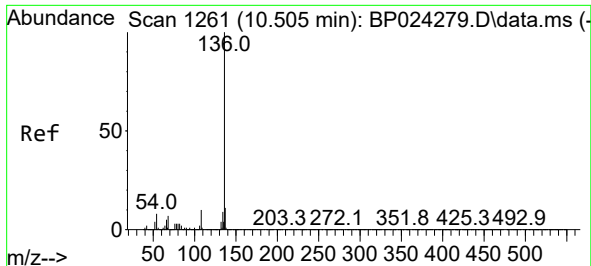
Tgt Ion: 70 Resp: 355703  
Ion Ratio Lower Upper  
70 100  
42 52.8 37.3 55.9  
101 10.9 8.2 12.4  
130 24.8 18.6 28.0



#20  
3+4-Methylphenols  
Concen: 49.765 ng  
RT: 8.481 min Scan# 917  
Delta R.T. -0.012 min  
Lab File: BP024551.D  
Acq: 06 May 2025 17:48

Tgt Ion: 107 Resp: 603077  
Ion Ratio Lower Upper  
107 100  
108 89.0 69.8 109.8  
77 34.1 11.5 51.5  
79 29.7 7.8 47.8

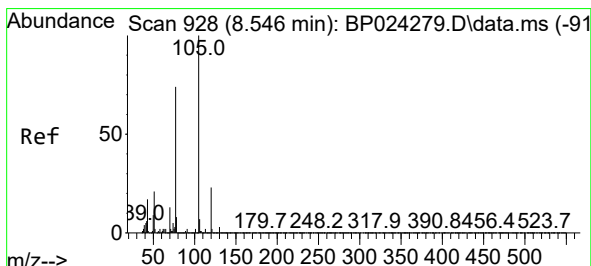
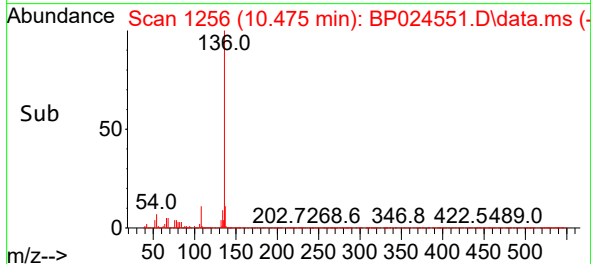
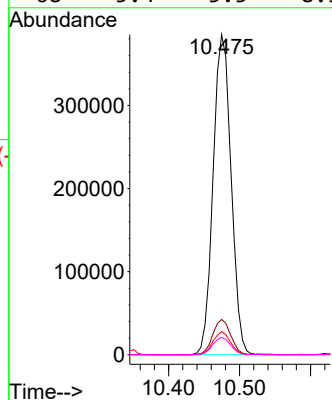
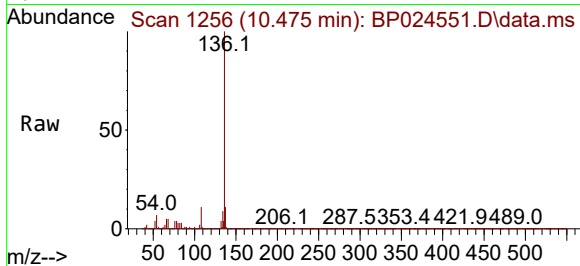




#21  
Naphthalene-d8  
Concen: 20.000 ng  
RT: 10.475 min Scan# 11  
Delta R.T. -0.024 min  
Lab File: BP024551.D  
Acq: 06 May 2025 17:48

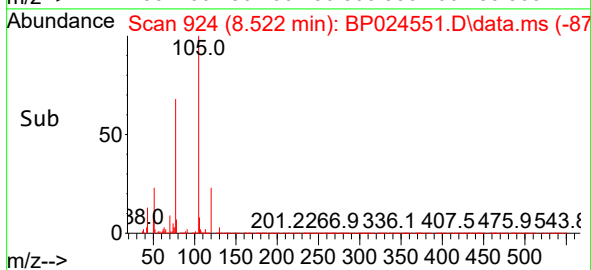
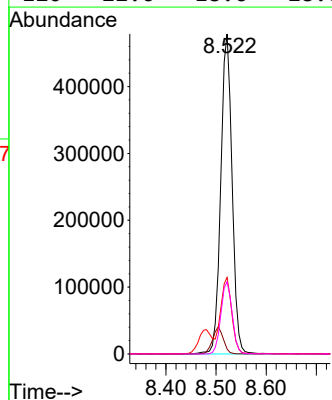
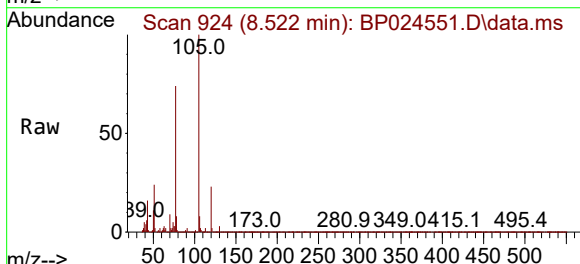
Instrument :  
BNA\_P  
ClientSampleId :  
SB2-4-5MS

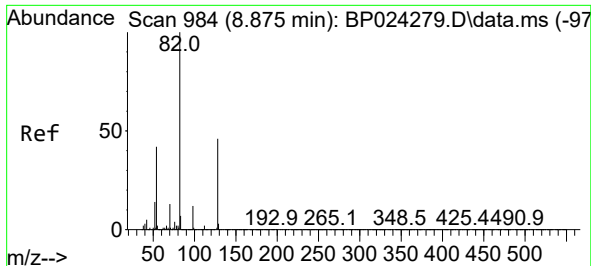
|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 136   | Resp: | 676019 |
| Ion Ratio | Lower | Upper |        |
| 136       | 100   |       |        |
| 137       | 11.0  | 9.2   | 13.8   |
| 54        | 7.2   | 6.0   | 9.0    |
| 68        | 5.4   | 5.5   | 8.3    |



#22  
Acetophenone  
Concen: 44.949 ng  
RT: 8.522 min Scan# 924  
Delta R.T. -0.018 min  
Lab File: BP024551.D  
Acq: 06 May 2025 17:48

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 105   | Resp: | 752086 |
| Ion Ratio | Lower | Upper |        |
| 105       | 100   |       |        |
| 71        | 1.5   | 1.7   | 2.5    |
| 51        | 23.9  | 16.9  | 25.3   |
| 120       | 22.6  | 18.6  | 28.0   |

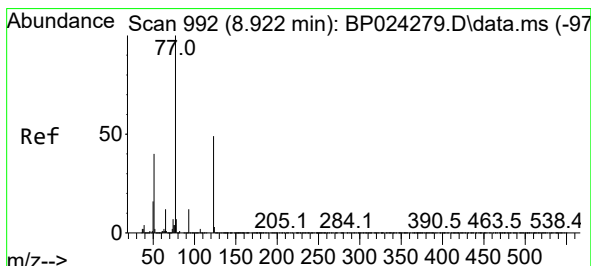
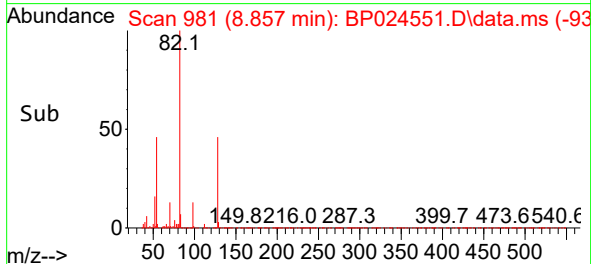
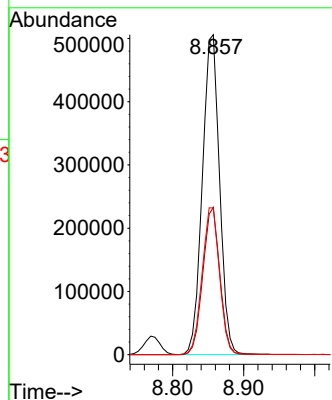
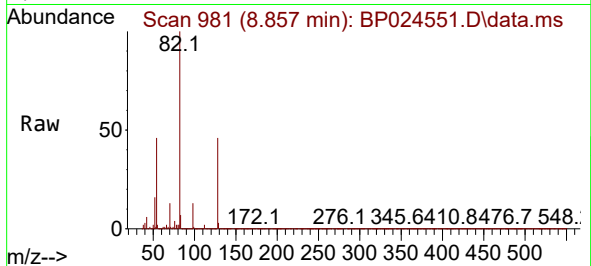




#23  
Nitrobenzene-d5  
Concen: 72.078 ng  
RT: 8.857 min Scan# 981  
Delta R.T. -0.012 min  
Lab File: BP024551.D  
Acq: 06 May 2025 17:48

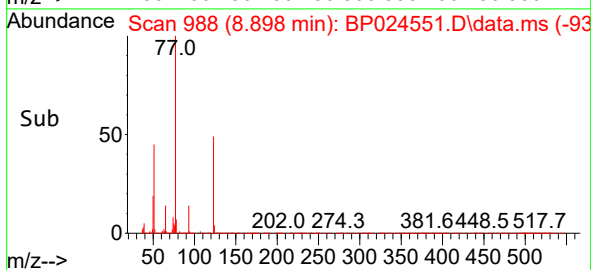
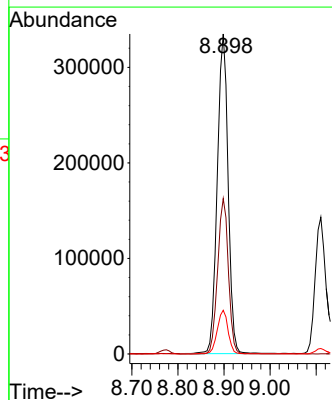
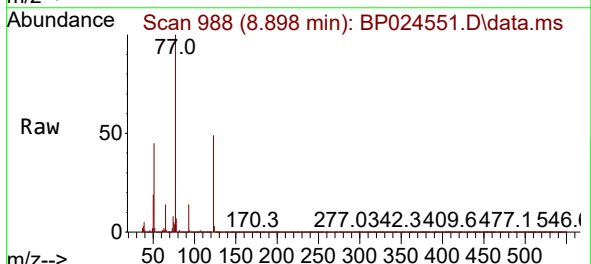
Instrument :  
BNA\_P  
ClientSampleId :  
SB2-4-5MS

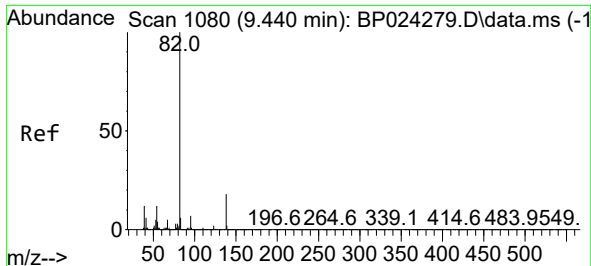
Tgt Ion: 82 Resp: 854525  
Ion Ratio Lower Upper  
82 100  
128 46.1 36.5 54.7  
54 45.9 33.4 50.2



#24  
Nitrobenzene  
Concen: 46.381 ng  
RT: 8.898 min Scan# 988  
Delta R.T. -0.012 min  
Lab File: BP024551.D  
Acq: 06 May 2025 17:48

Tgt Ion: 77 Resp: 543963  
Ion Ratio Lower Upper  
77 100  
123 48.6 39.2 58.8  
65 13.7 9.8 14.6

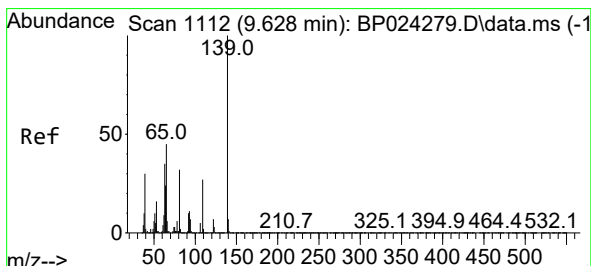
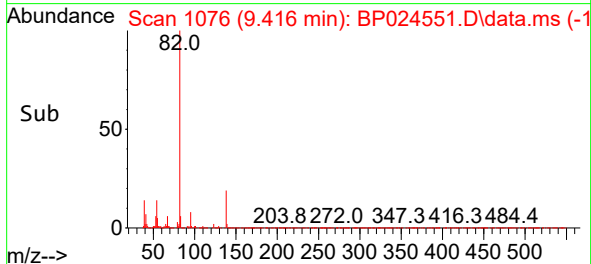
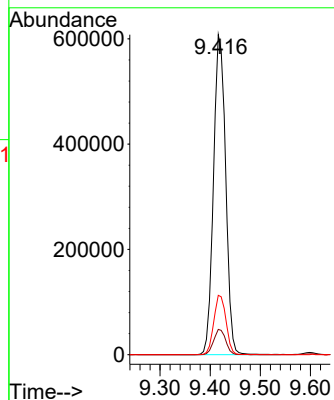
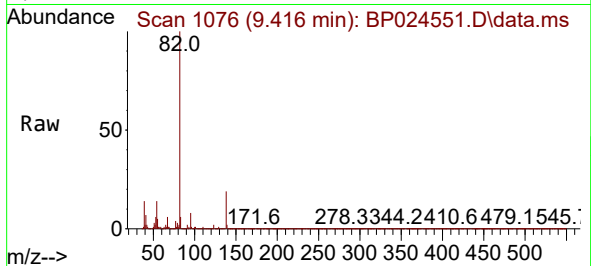




#25  
Isophorone  
Concen: 47.751 ng  
RT: 9.416 min Scan# 1080  
Delta R.T. -0.012 min  
Lab File: BP024551.D  
Acq: 06 May 2025 17:48

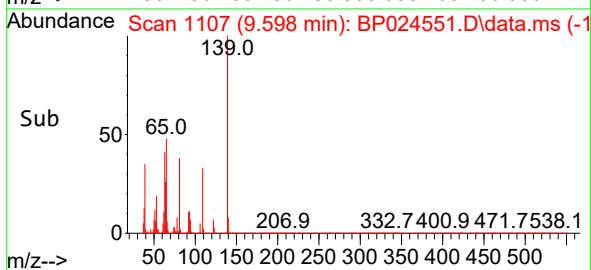
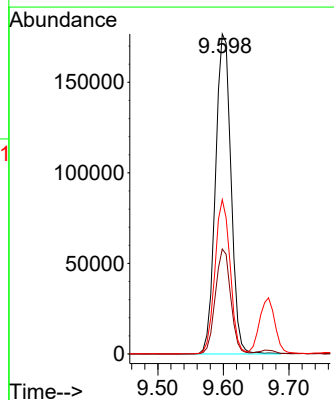
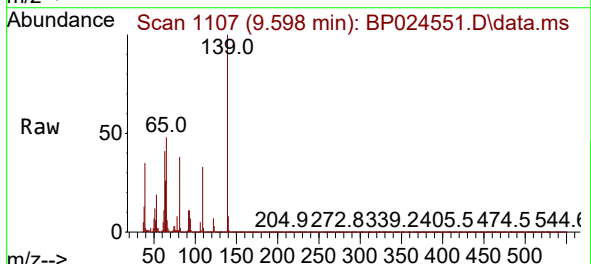
Instrument :  
BNA\_P  
ClientSampleId :  
SB2-4-5MS

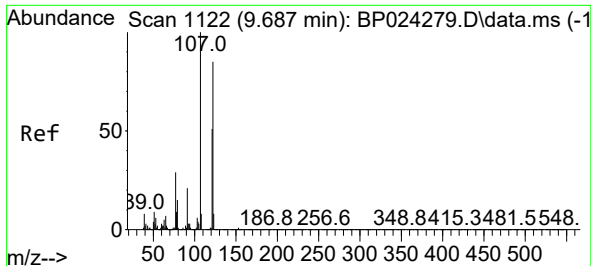
Tgt Ion: 82 Resp: 1024715  
Ion Ratio Lower Upper  
82 100  
95 7.9 5.4 8.2  
138 18.6 14.4 21.6



#26  
2-Nitrophenol  
Concen: 50.435 ng  
RT: 9.598 min Scan# 1107  
Delta R.T. -0.018 min  
Lab File: BP024551.D  
Acq: 06 May 2025 17:48

Tgt Ion: 139 Resp: 289472  
Ion Ratio Lower Upper  
139 100  
109 32.8 21.8 32.6#  
65 48.2 36.2 54.2





#27

2,4-Dimethylphenol

Concen: 69.569 ng

RT: 9.669 min Scan# 1119

Delta R.T. -0.012 min

Lab File: BP024551.D

Acq: 06 May 2025 17:48

Instrument :

BNA\_P

ClientSampleId :

SB2-4-5MS

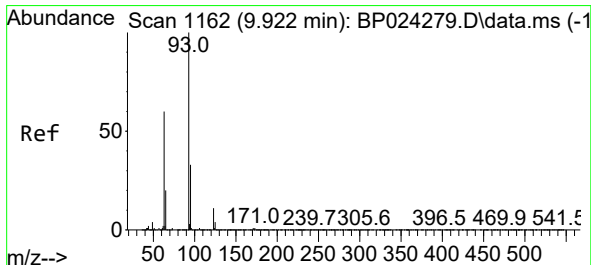
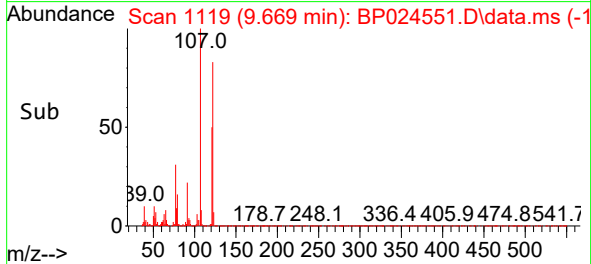
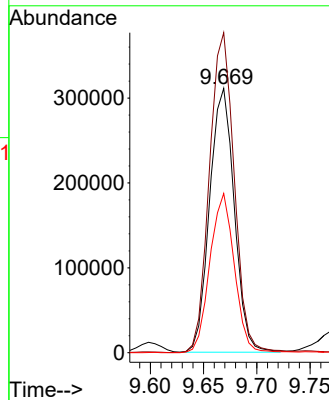
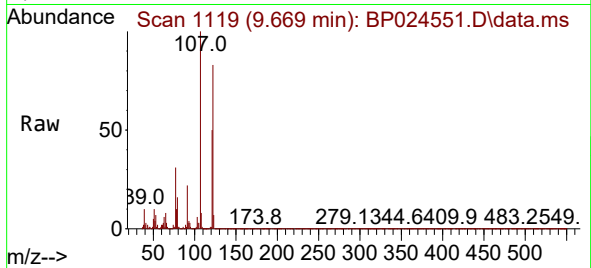
Tgt Ion:122 Resp: 501358

Ion Ratio Lower Upper

122 100

107 121.1 93.7 140.5

121 60.3 48.2 72.2



#28

bis(2-Chloroethoxy)methane

Concen: 43.067 ng

RT: 9.892 min Scan# 1157

Delta R.T. -0.018 min

Lab File: BP024551.D

Acq: 06 May 2025 17:48

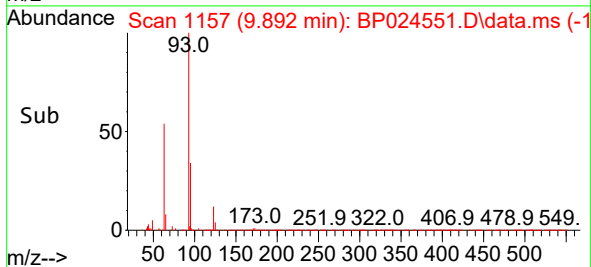
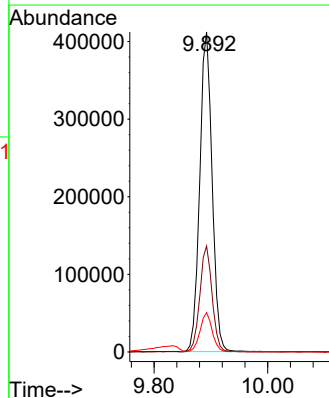
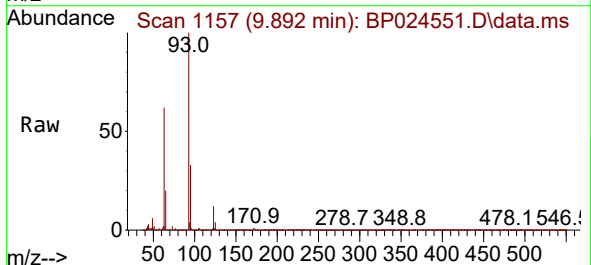
Tgt Ion: 93 Resp: 624322

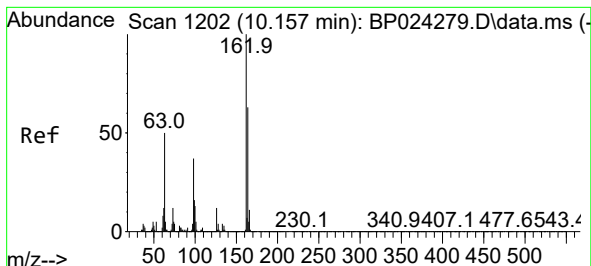
Ion Ratio Lower Upper

93 100

95 33.1 26.0 39.0

123 12.3 9.1 13.7





#29

2,4-Dichlorophenol

Concen: 51.237 ng

RT: 10.145 min Scan# 1200

Delta R.T. -0.006 min

Lab File: BP024551.D

Acq: 06 May 2025 17:48

Instrument :

BNA\_P

ClientSampleId :

SB2-4-5MS

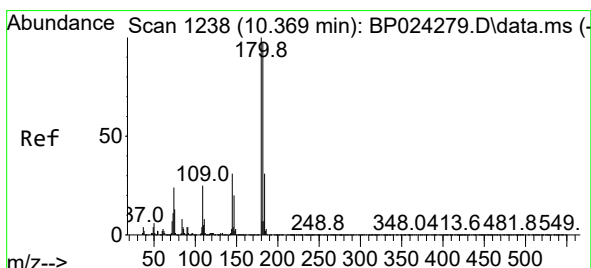
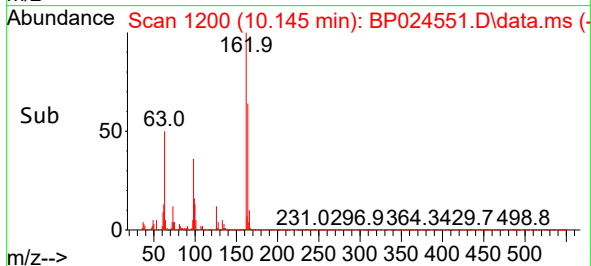
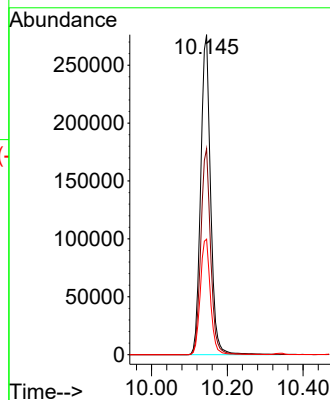
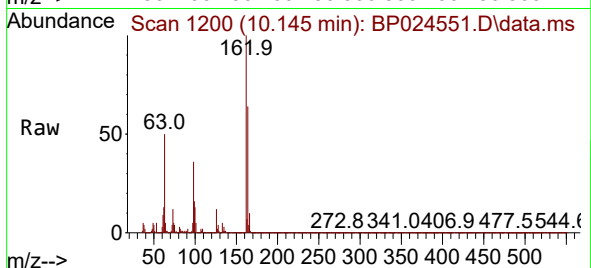
Tgt Ion:162 Resp: 503469

Ion Ratio Lower Upper

162 100

164 64.3 43.3 83.3

98 36.1 16.6 56.6



#30

1,2,4-Trichlorobenzene

Concen: 47.427 ng

RT: 10.339 min Scan# 1233

Delta R.T. -0.024 min

Lab File: BP024551.D

Acq: 06 May 2025 17:48

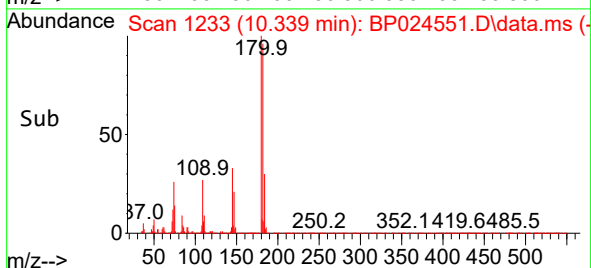
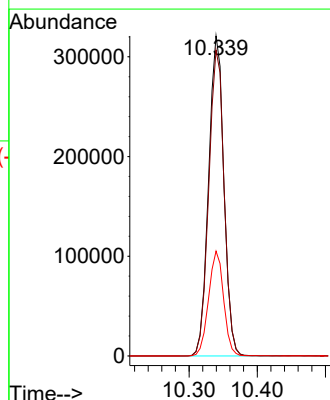
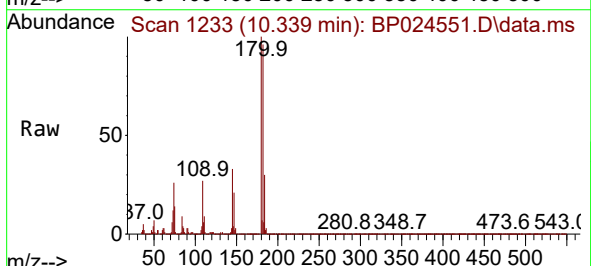
Tgt Ion:180 Resp: 499312

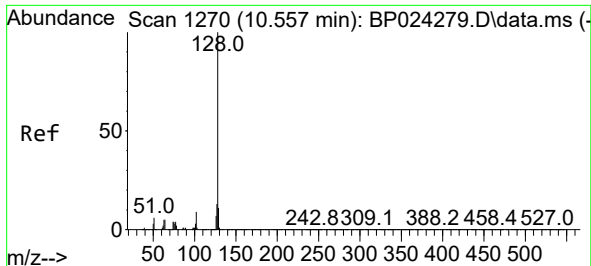
Ion Ratio Lower Upper

180 100

182 95.6 77.3 115.9

145 32.7 25.1 37.7

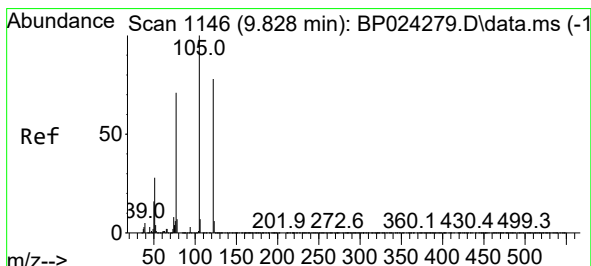
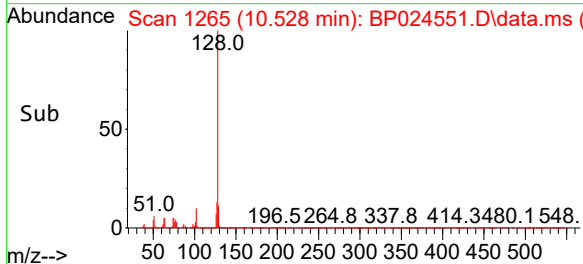
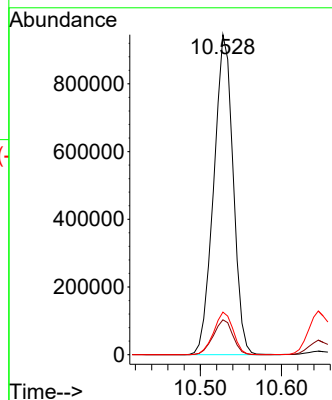
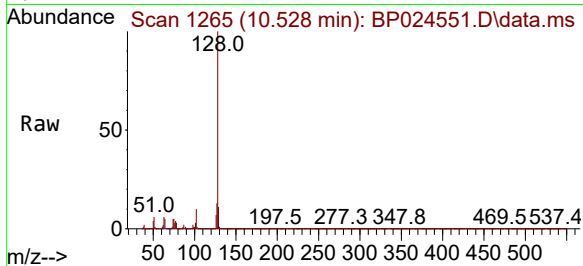




#31  
Naphthalene  
Concen: 44.113 ng  
RT: 10.528 min Scan# 1126  
Delta R.T. -0.018 min  
Lab File: BP024551.D  
Acq: 06 May 2025 17:48

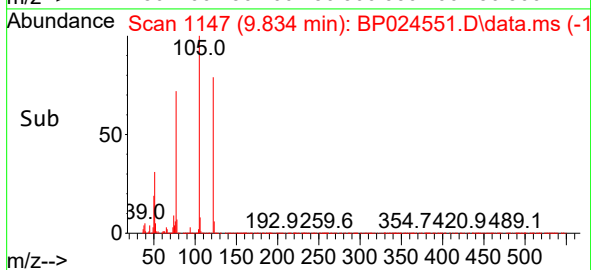
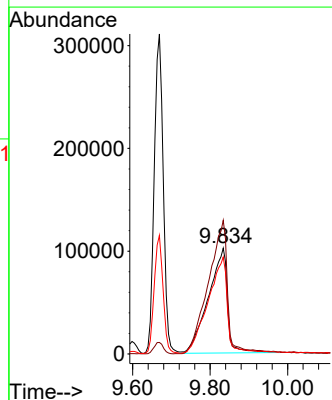
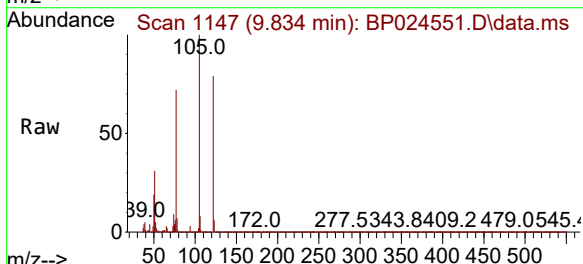
Instrument :  
BNA\_P  
ClientSampleId :  
SB2-4-5MS

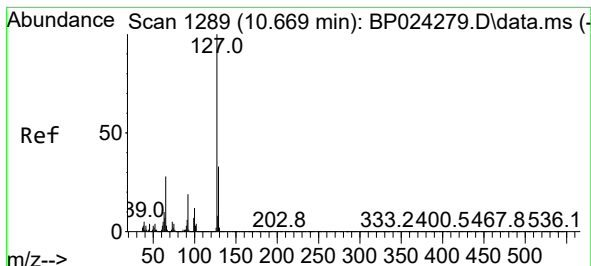
Tgt Ion:128 Resp: 1570867  
Ion Ratio Lower Upper  
128 100  
129 10.9 8.6 13.0  
127 13.3 10.3 15.5



#32  
Benzoic acid  
Concen: 41.771 ng  
RT: 9.834 min Scan# 1147  
Delta R.T. 0.012 min  
Lab File: BP024551.D  
Acq: 06 May 2025 17:48

Tgt Ion:122 Resp: 350764  
Ion Ratio Lower Upper  
122 100  
105 126.4 104.8 144.8  
77 91.6 69.2 109.2





#33

4-Chloroaniline

Concen: 25.679 ng

RT: 10.645 min Scan# 11

Delta R.T. -0.018 min

Lab File: BP024551.D

Acq: 06 May 2025 17:48

Instrument :

BNA\_P

ClientSampleId :

SB2-4-5MS

Tgt Ion:127 Resp: 322028

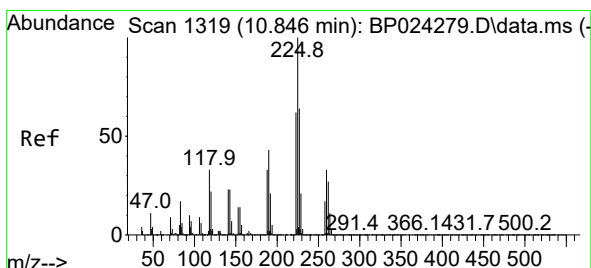
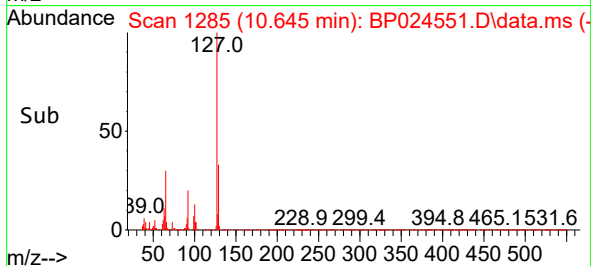
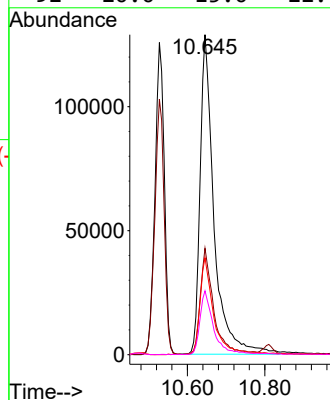
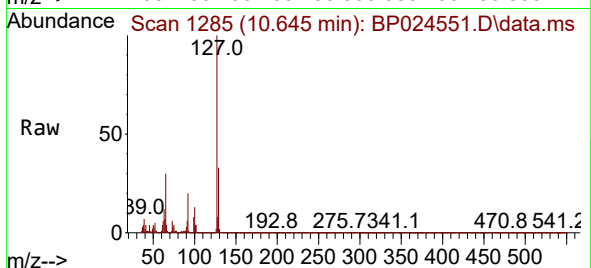
Ion Ratio Lower Upper

127 100

129 33.3 26.1 39.1

65 30.3 22.1 33.1

92 20.0 15.0 22.4



#34

Hexachlorobutadiene

Concen: 50.982 ng

RT: 10.810 min Scan# 1313

Delta R.T. -0.018 min

Lab File: BP024551.D

Acq: 06 May 2025 17:48

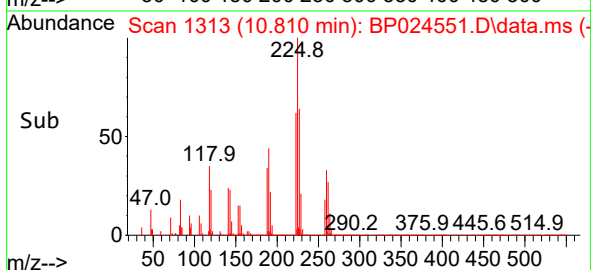
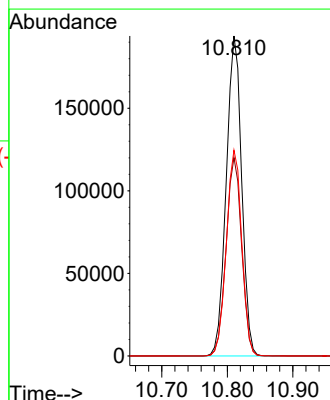
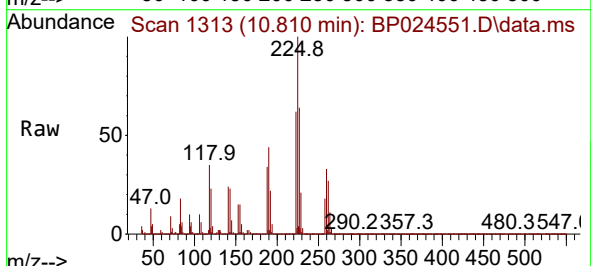
Tgt Ion:225 Resp: 315404

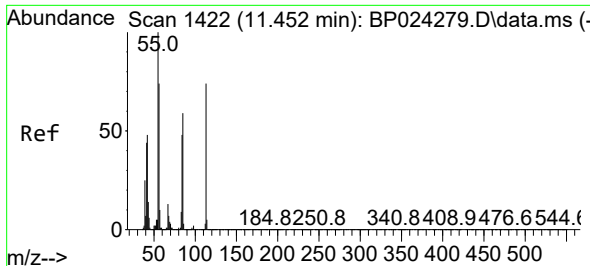
Ion Ratio Lower Upper

225 100

223 62.0 49.5 74.3

227 64.3 50.9 76.3

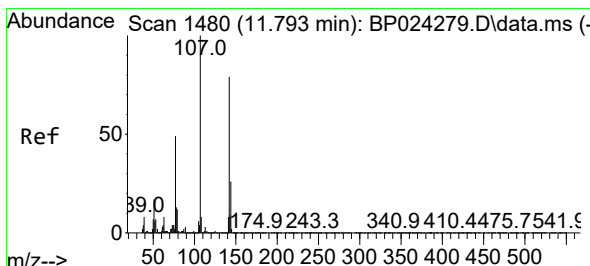
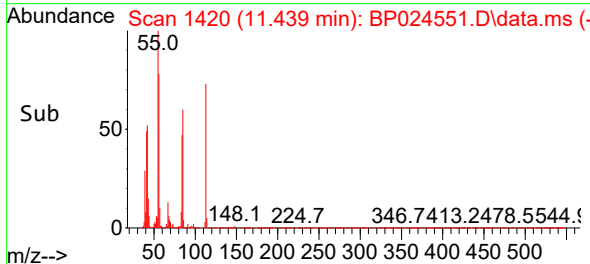
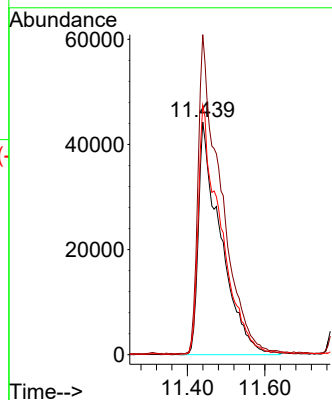
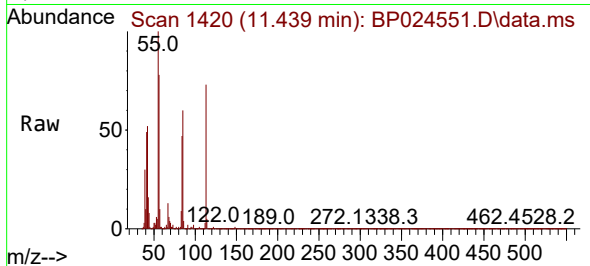




#35  
Caprolactam  
Concen: 48.331 ng  
RT: 11.439 min Scan# 1422  
Delta R.T. -0.006 min  
Lab File: BP024551.D  
Acq: 06 May 2025 17:48

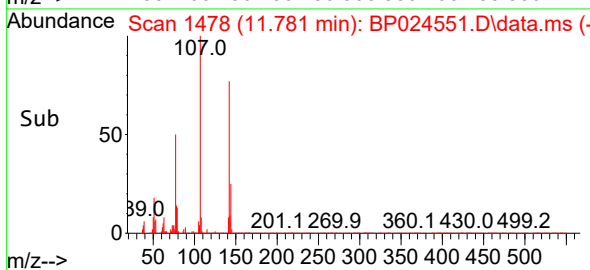
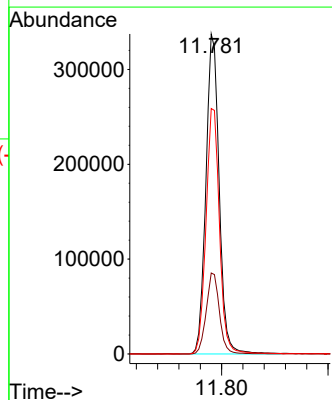
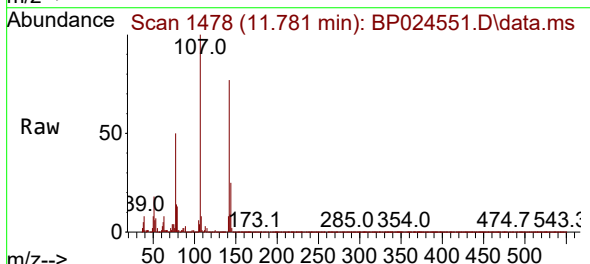
Instrument :  
BNA\_P  
ClientSampleId :  
SB2-4-5MS

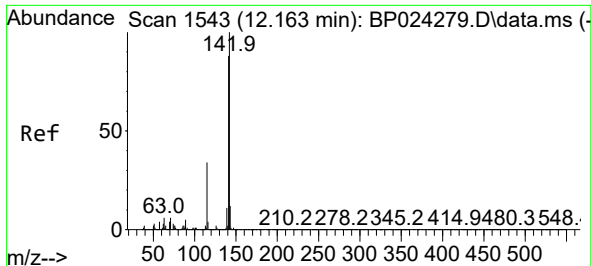
Tgt Ion:113 Resp: 175233  
Ion Ratio Lower Upper  
113 100  
55 137.5 115.9 155.9  
56 107.1 81.1 121.1



#36  
4-Chloro-3-methylphenol  
Concen: 51.129 ng  
RT: 11.781 min Scan# 1478  
Delta R.T. -0.012 min  
Lab File: BP024551.D  
Acq: 06 May 2025 17:48

Tgt Ion:107 Resp: 585188  
Ion Ratio Lower Upper  
107 100  
144 25.3 20.5 30.7  
142 76.7 63.4 95.2

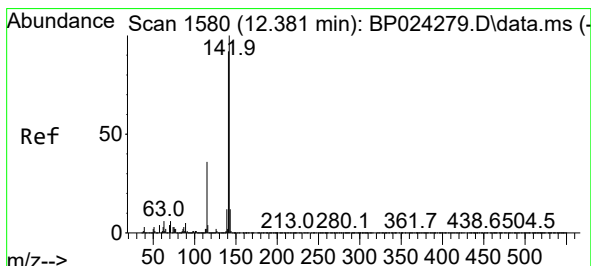
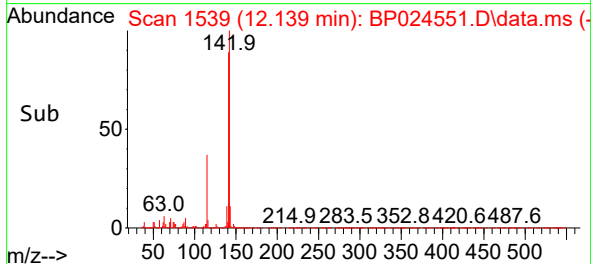
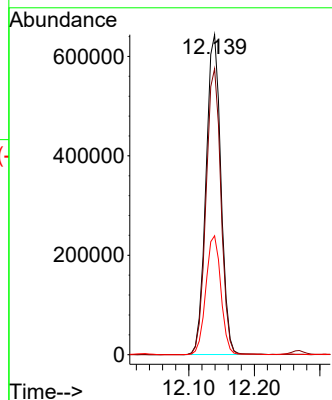
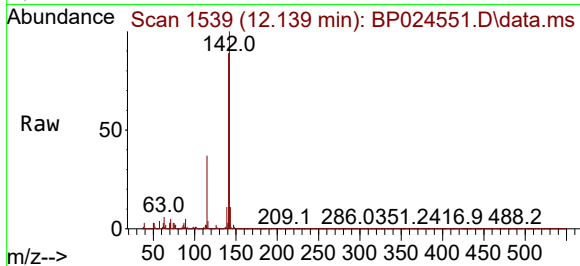




#37  
2-Methylnaphthalene  
Concen: 41.305 ng  
RT: 12.139 min Scan# 11  
Delta R.T. -0.018 min  
Lab File: BP024551.D  
Acq: 06 May 2025 17:48

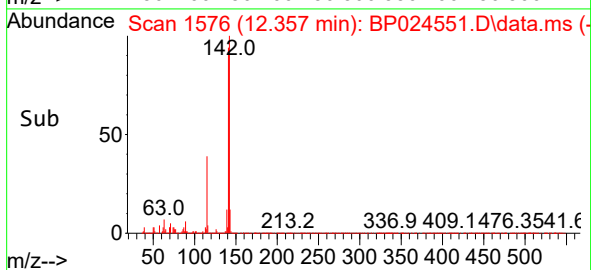
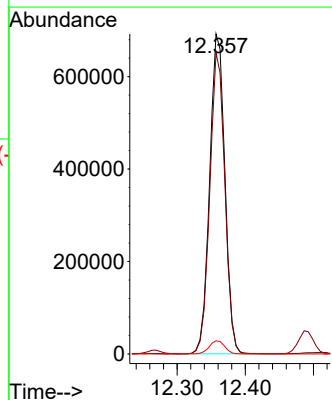
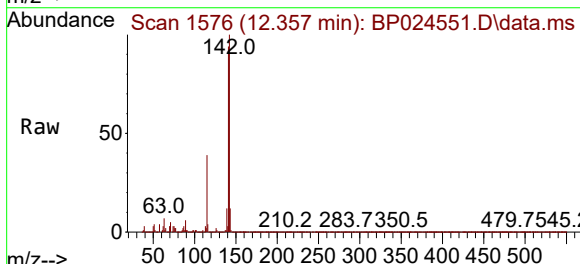
Instrument :  
BNA\_P  
ClientSampleId :  
SB2-4-5MS

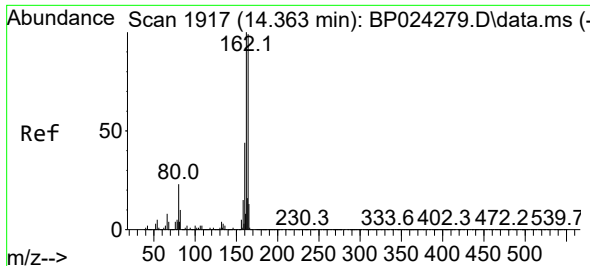
Tgt Ion:142 Resp: 1020073  
Ion Ratio Lower Upper  
142 100  
141 89.3 70.3 105.5  
115 37.1 26.9 40.3



#38  
1-Methylnaphthalene  
Concen: 44.548 ng  
RT: 12.357 min Scan# 1576  
Delta R.T. -0.018 min  
Lab File: BP024551.D  
Acq: 06 May 2025 17:48

Tgt Ion:142 Resp: 1076263  
Ion Ratio Lower Upper  
142 100  
141 94.1 73.6 110.4  
116 4.1 3.0 4.6

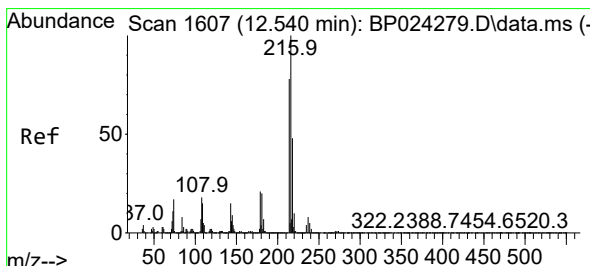
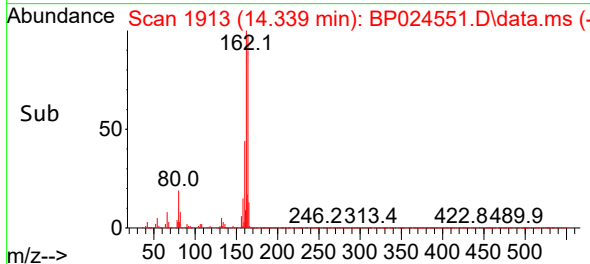
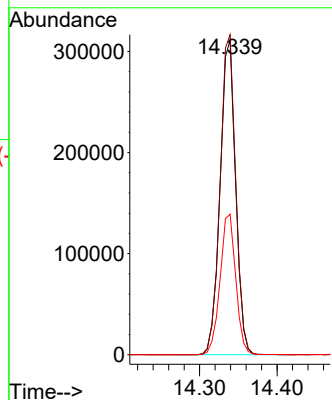
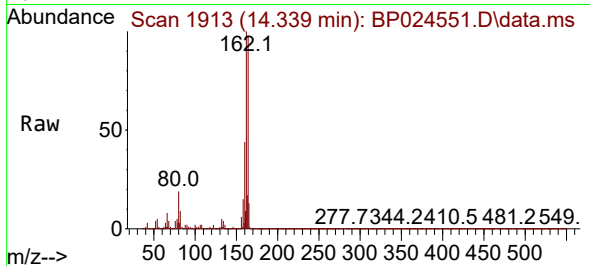




#39  
Acenaphthene-d10  
Concen: 20.000 ng  
RT: 14.339 min Scan# 1913  
Delta R.T. -0.012 min  
Lab File: BP024551.D  
Acq: 06 May 2025 17:48

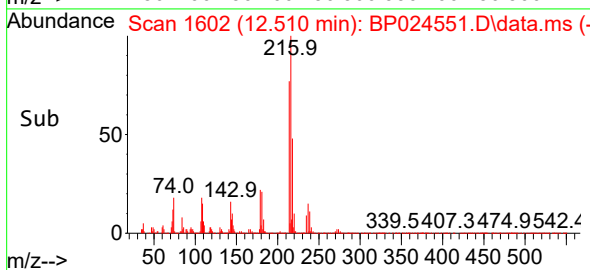
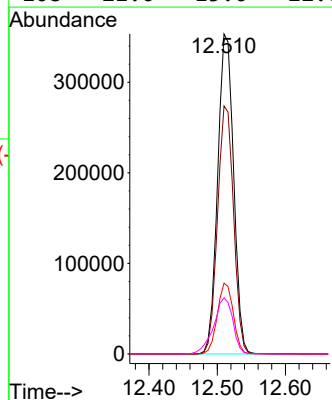
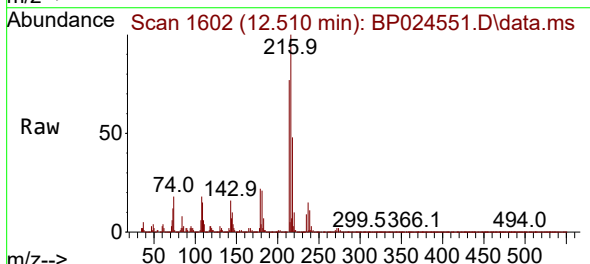
Instrument :  
BNA\_P  
ClientSampleId :  
SB2-4-5MS

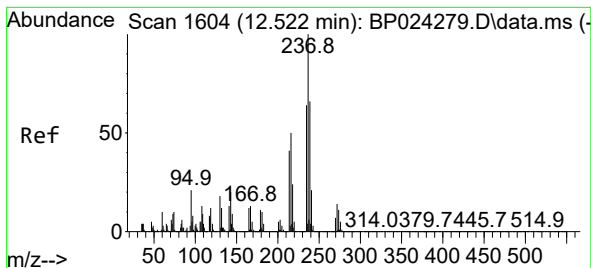
Tgt Ion:164 Resp: 432416  
Ion Ratio Lower Upper  
164 100  
162 101.8 80.6 120.8  
160 44.7 35.3 52.9



#40  
1,2,4,5-Tetrachlorobenzene  
Concen: 48.415 ng  
RT: 12.510 min Scan# 1602  
Delta R.T. -0.018 min  
Lab File: BP024551.D  
Acq: 06 May 2025 17:48

Tgt Ion:216 Resp: 575732  
Ion Ratio Lower Upper  
216 100  
214 77.8 62.6 93.8  
179 22.2 17.2 25.8  
108 21.0 15.0 22.6





#41

Hexachlorocyclopentadiene

Concen: 150.309 ng

RT: 12.492 min Scan# 1

Delta R.T. -0.018 min

Lab File: BP024551.D

Acq: 06 May 2025 17:48

Instrument :

BNA\_P

ClientSampleId :

SB2-4-5MS

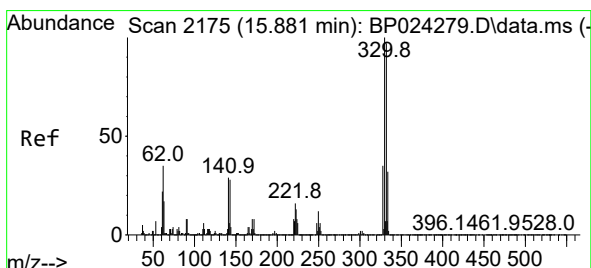
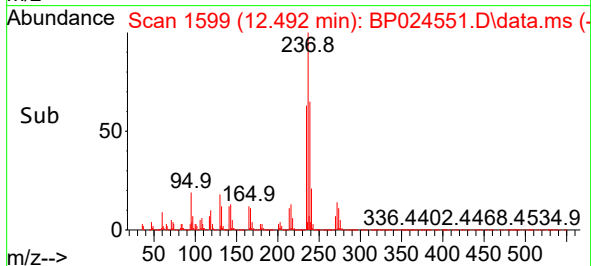
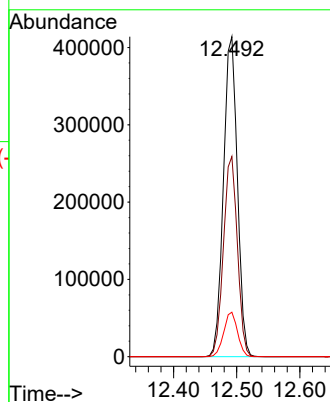
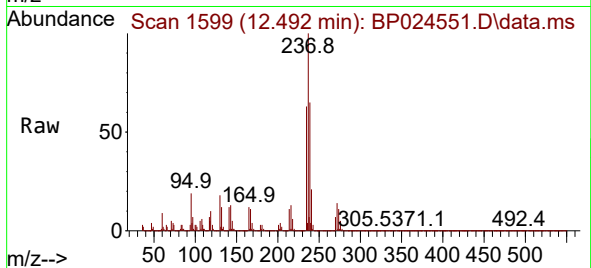
Tgt Ion:237 Resp: 632155

Ion Ratio Lower Upper

237 100

235 62.5 43.9 83.9

272 13.9 0.0 33.6



#42

2,4,6-Tribromophenol

Concen: 131.843 ng

RT: 15.851 min Scan# 2170

Delta R.T. -0.012 min

Lab File: BP024551.D

Acq: 06 May 2025 17:48

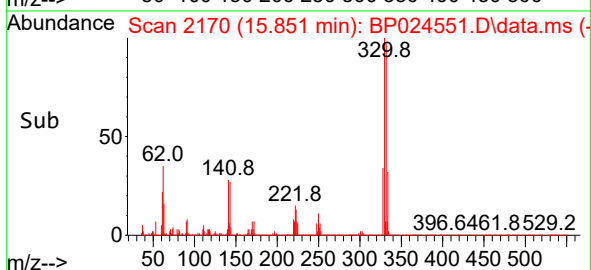
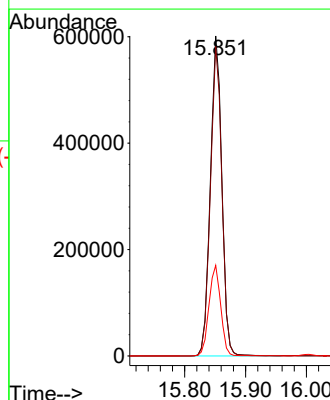
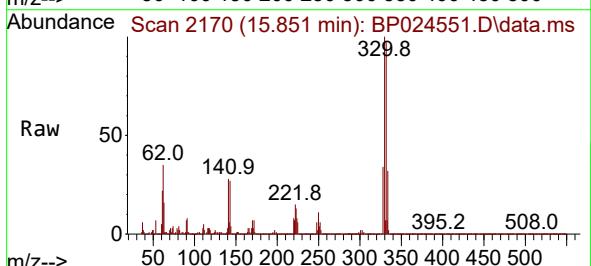
Tgt Ion:330 Resp: 788779

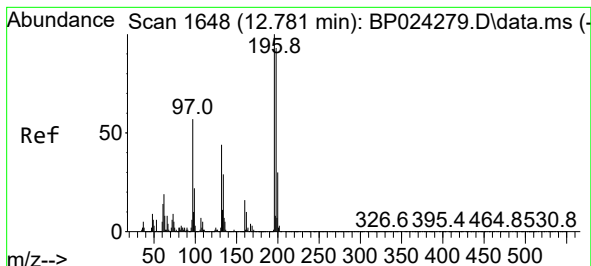
Ion Ratio Lower Upper

330 100

332 96.5 77.1 115.7

141 28.9 24.7 37.1





#43

2,4,6-Trichlorophenol

Concen: 52.069 ng

RT: 12.763 min Scan# 1

Delta R.T. -0.012 min

Lab File: BP024551.D

Acq: 06 May 2025 17:48

Instrument :

BNA\_P

ClientSampleId :

SB2-4-5MS

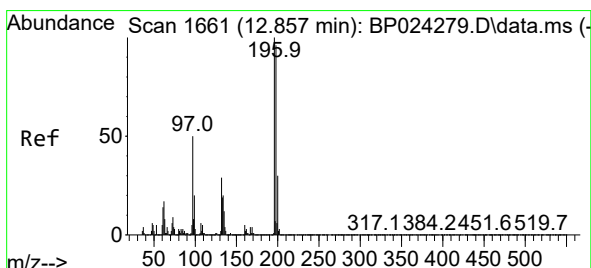
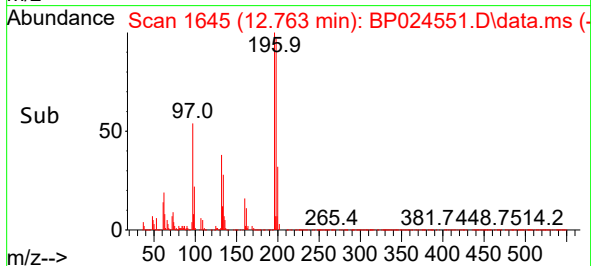
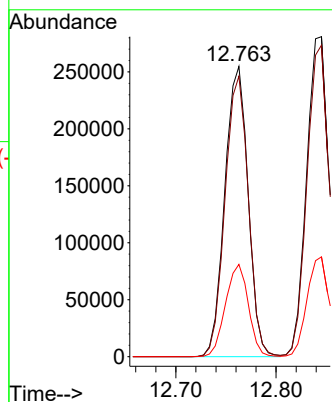
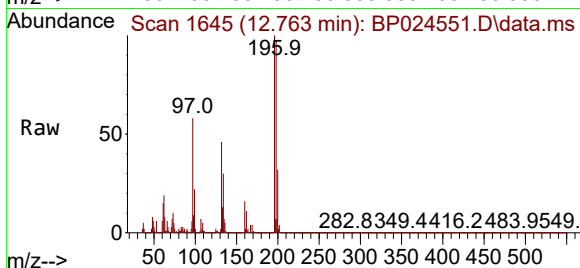
Tgt Ion:196 Resp: 411666

Ion Ratio Lower Upper

196 100

198 96.6 74.3 111.5

200 31.8 24.0 36.0



#44

2,4,5-Trichlorophenol

Concen: 52.733 ng

RT: 12.845 min Scan# 1659

Delta R.T. -0.012 min

Lab File: BP024551.D

Acq: 06 May 2025 17:48

Tgt Ion:196 Resp: 461673

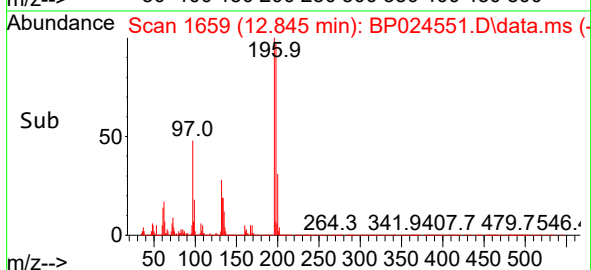
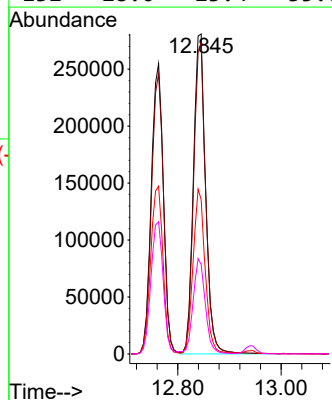
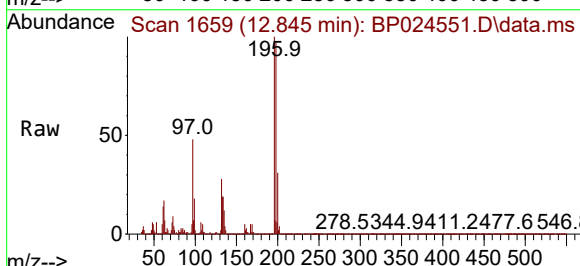
Ion Ratio Lower Upper

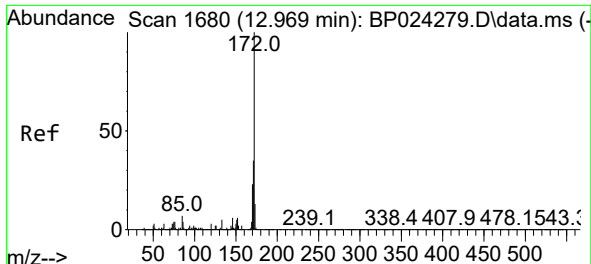
196 100

198 97.4 77.3 115.9

97 48.2 40.4 60.6

132 28.0 23.4 35.0

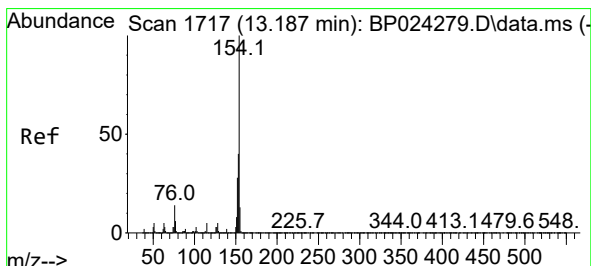
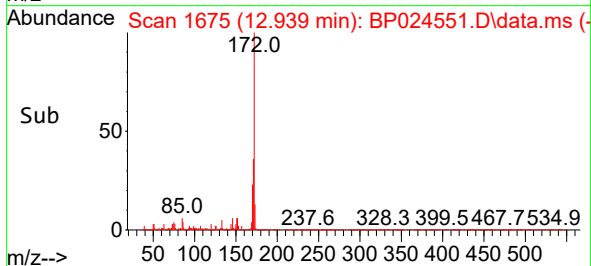
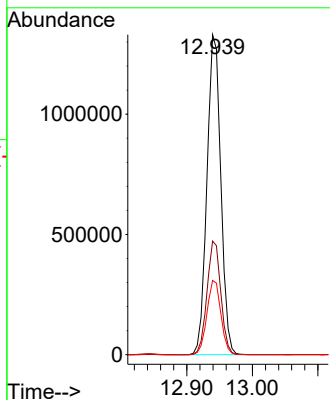
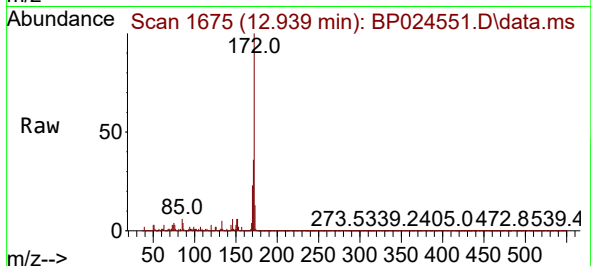




#45  
2-Fluorobiphenyl  
Concen: 69.192 ng  
RT: 12.939 min Scan# 1675  
Delta R.T. -0.024 min  
Lab File: BP024551.D  
Acq: 06 May 2025 17:48

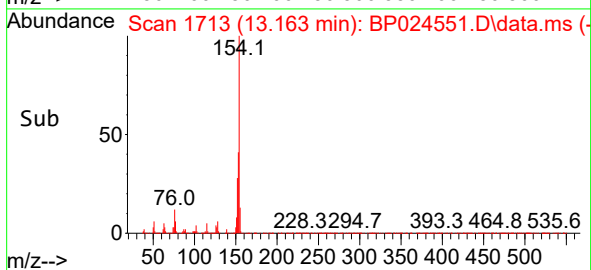
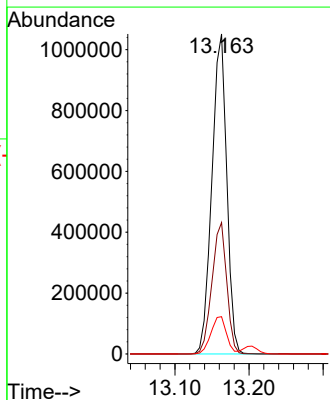
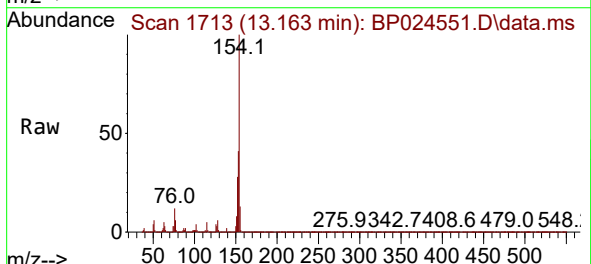
Instrument :  
BNA\_P  
ClientSampleId :  
SB2-4-5MS

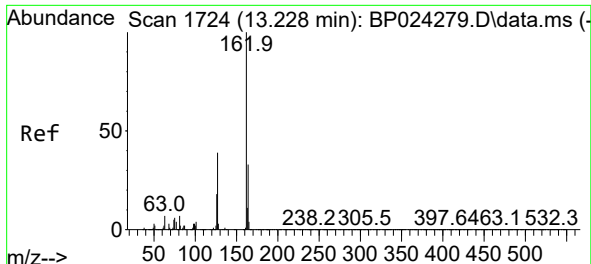
Tgt Ion:172 Resp: 1954117  
Ion Ratio Lower Upper  
172 100  
171 35.5 28.2 42.2  
170 23.2 18.6 27.8



#46  
1,1'-Biphenyl  
Concen: 45.976 ng  
RT: 13.163 min Scan# 1713  
Delta R.T. -0.012 min  
Lab File: BP024551.D  
Acq: 06 May 2025 17:48

Tgt Ion:154 Resp: 1461354  
Ion Ratio Lower Upper  
154 100  
153 41.1 20.3 60.3  
76 11.6 0.0 33.5

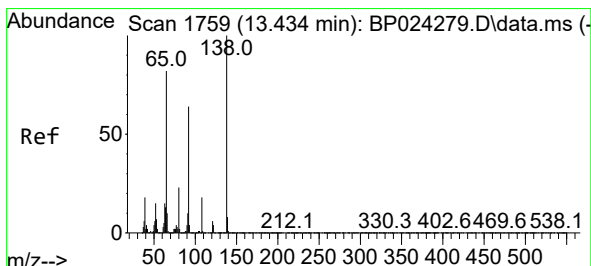
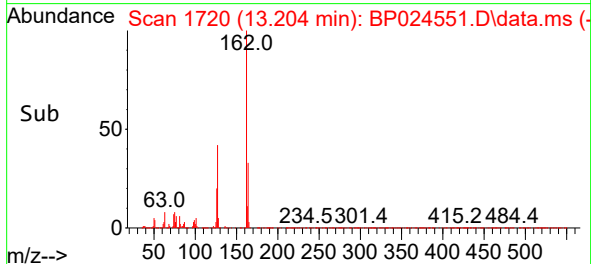
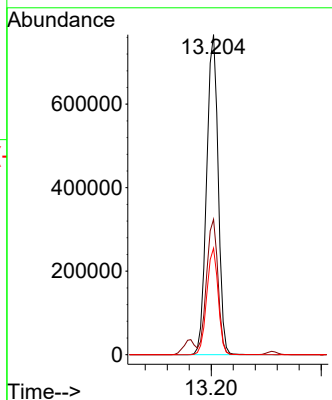
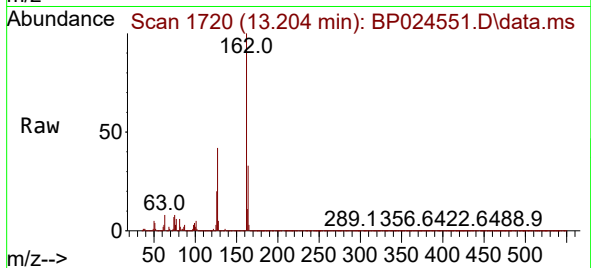




#47  
2-Chloronaphthalene  
Concen: 46.919 ng  
RT: 13.204 min Scan# 11  
Delta R.T. -0.012 min  
Lab File: BP024551.D  
Acq: 06 May 2025 17:48

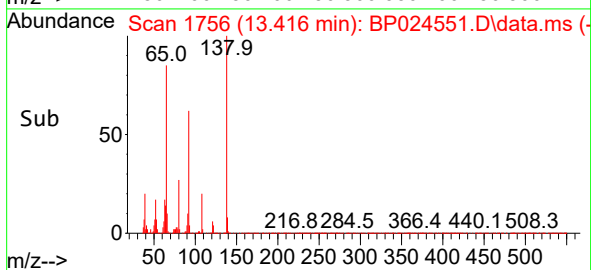
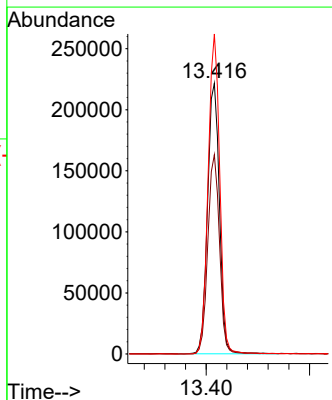
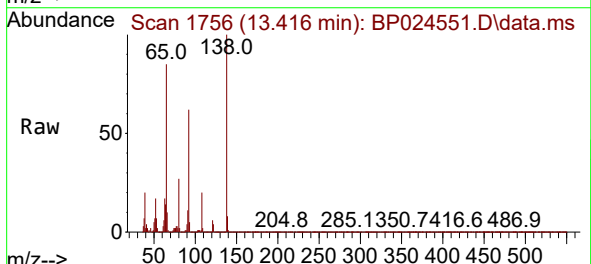
Instrument :  
BNA\_P  
ClientSampleId :  
SB2-4-5MS

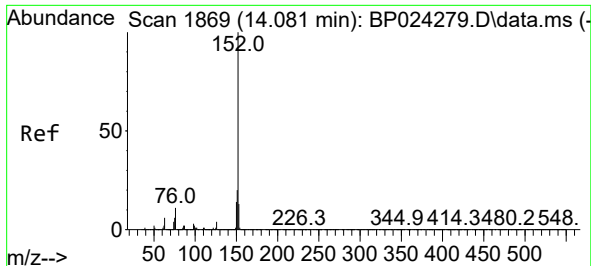
Tgt Ion:162 Resp: 1114576  
Ion Ratio Lower Upper  
162 100  
127 42.3 31.9 47.9  
164 33.2 26.2 39.4



#48  
2-Nitroaniline  
Concen: 53.022 ng  
RT: 13.416 min Scan# 1756  
Delta R.T. -0.006 min  
Lab File: BP024551.D  
Acq: 06 May 2025 17:48

Tgt Ion: 65 Resp: 353316  
Ion Ratio Lower Upper  
65 100  
92 73.6 62.3 93.5  
138 118.2 97.2 145.8

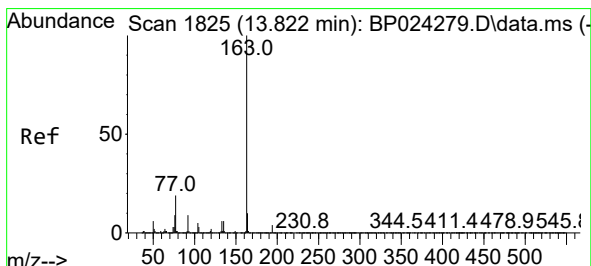
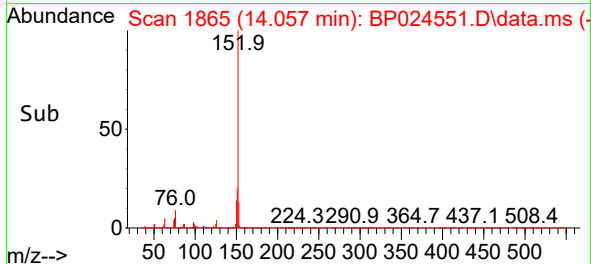
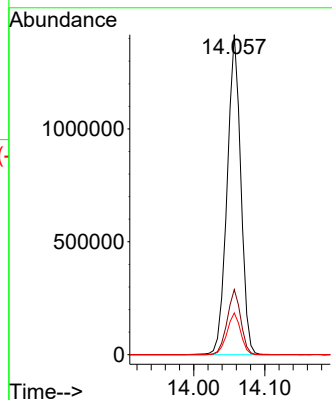
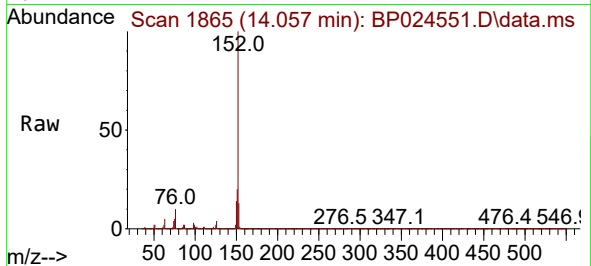




#49  
Acenaphthylene  
Concen: 50.525 ng  
RT: 14.057 min Scan# 1865  
Delta R.T. -0.012 min  
Lab File: BP024551.D  
Acq: 06 May 2025 17:48

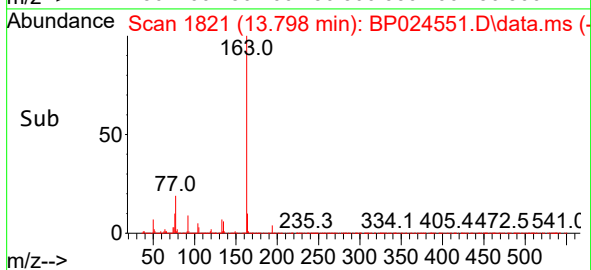
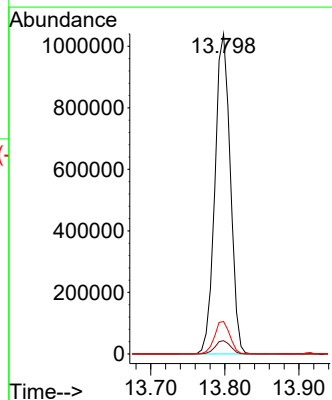
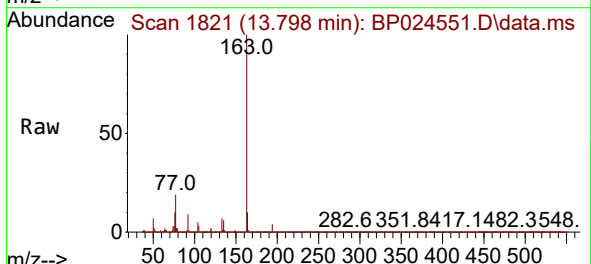
Instrument :  
BNA\_P  
ClientSampleId :  
SB2-4-5MS

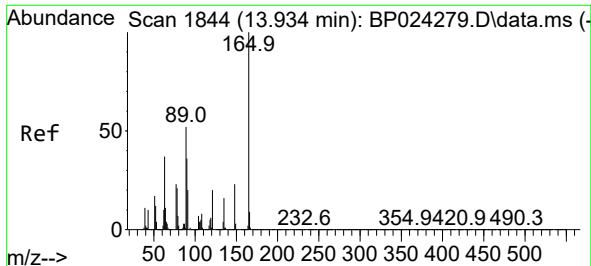
Tgt Ion:152 Resp: 1889705  
Ion Ratio Lower Upper  
152 100  
151 20.3 15.9 23.9  
153 13.1 10.6 15.8



#50  
Dimethylphthalate  
Concen: 47.523 ng  
RT: 13.798 min Scan# 1821  
Delta R.T. -0.012 min  
Lab File: BP024551.D  
Acq: 06 May 2025 17:48

Tgt Ion:163 Resp: 1494426  
Ion Ratio Lower Upper  
163 100  
194 4.2 3.5 5.3  
164 10.1 8.0 12.0

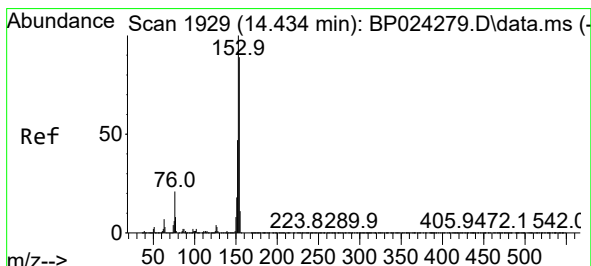
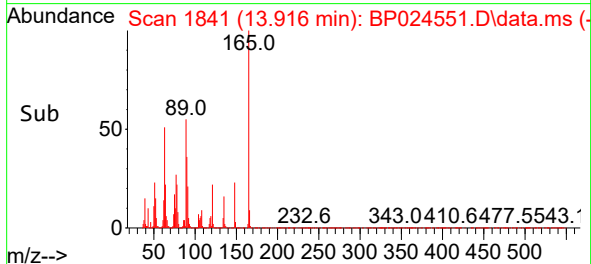
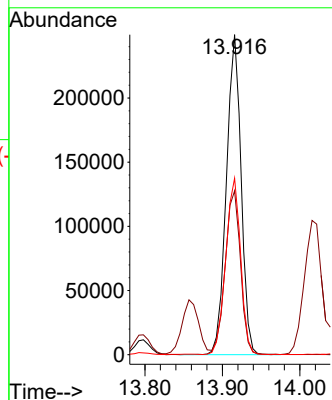
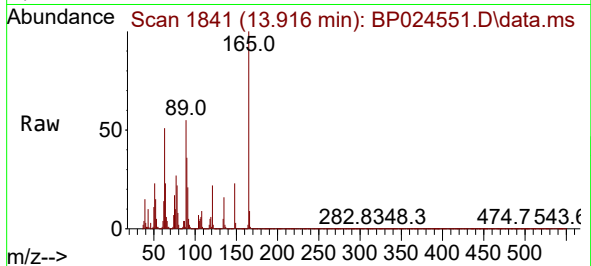




#51  
2,6-Dinitrotoluene  
Concen: 49.290 ng  
RT: 13.916 min Scan# 1841  
Delta R.T. -0.012 min  
Lab File: BP024551.D  
Acq: 06 May 2025 17:48

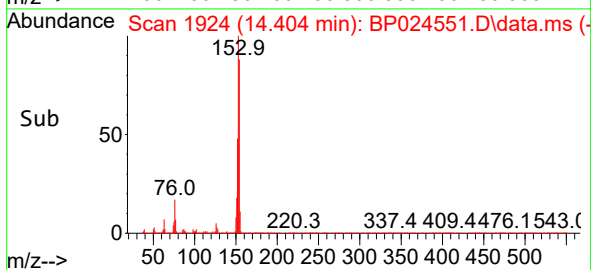
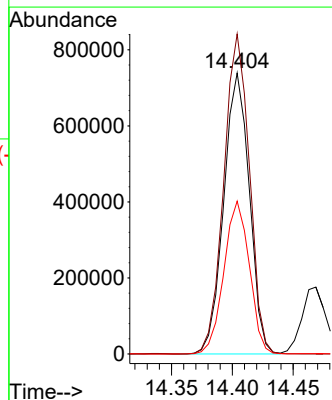
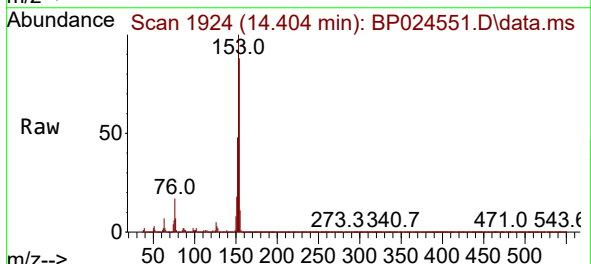
Instrument :  
BNA\_P  
ClientSampleId :  
SB2-4-5MS

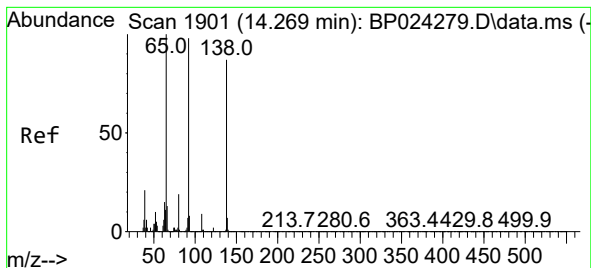
Tgt Ion:165 Resp: 329135  
Ion Ratio Lower Upper  
165 100  
63 51.2 38.0 57.0  
89 55.1 41.7 62.5



#52  
Acenaphthene  
Concen: 45.617 ng  
RT: 14.404 min Scan# 1924  
Delta R.T. -0.018 min  
Lab File: BP024551.D  
Acq: 06 May 2025 17:48

Tgt Ion:154 Resp: 1081628  
Ion Ratio Lower Upper  
154 100  
153 113.9 89.8 134.6  
152 54.4 42.6 63.8

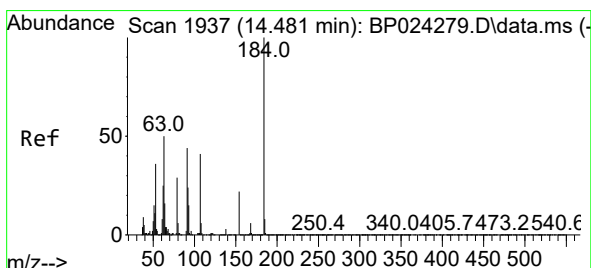
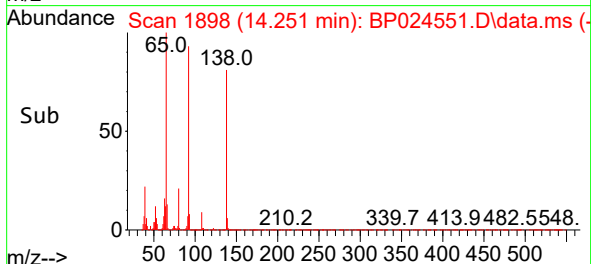
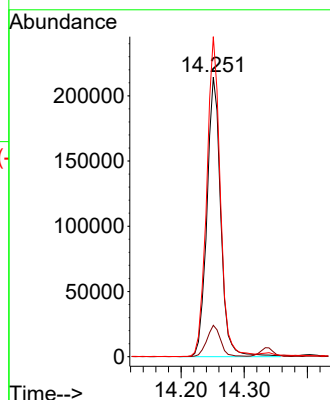
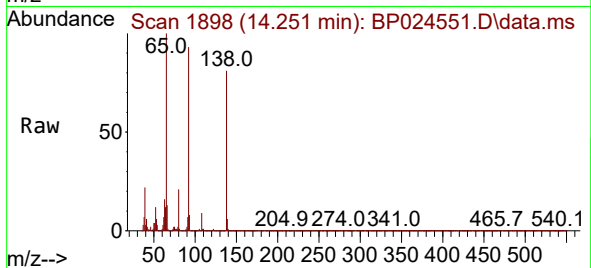




#53  
3-Nitroaniline  
Concen: 46.412 ng  
RT: 14.251 min Scan# 11  
Delta R.T. -0.012 min  
Lab File: BP024551.D  
Acq: 06 May 2025 17:48

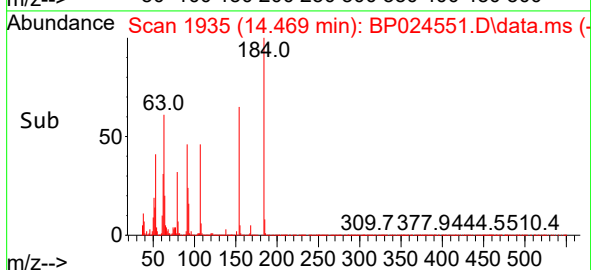
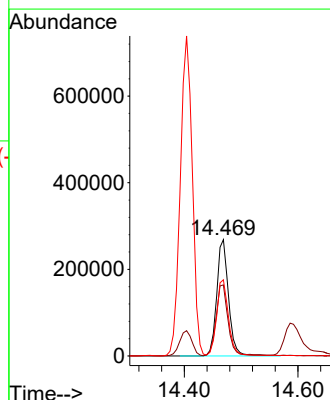
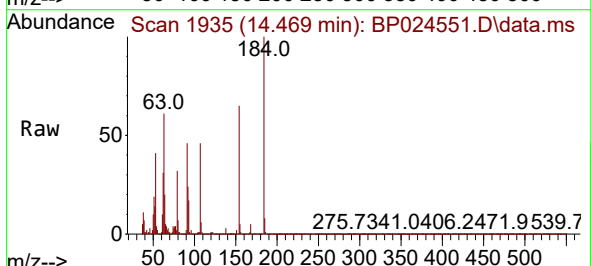
Instrument :  
BNA\_P  
ClientSampleId :  
SB2-4-5MS

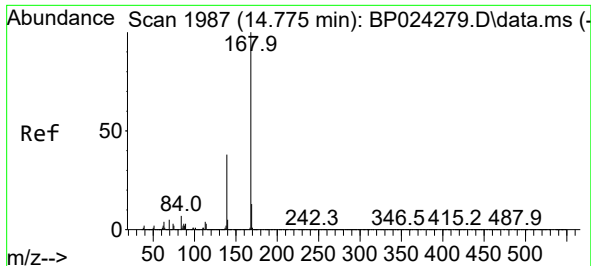
Tgt Ion:138 Resp: 325726  
Ion Ratio Lower Upper  
138 100  
108 11.2 8.3 12.5  
92 114.5 89.8 134.8



#54  
2,4-Dinitrophenol  
Concen: 98.477 ng  
RT: 14.469 min Scan# 1935  
Delta R.T. -0.000 min  
Lab File: BP024551.D  
Acq: 06 May 2025 17:48

Tgt Ion:184 Resp: 387344  
Ion Ratio Lower Upper  
184 100  
63 61.0 42.6 64.0  
154 65.5 47.2 70.8

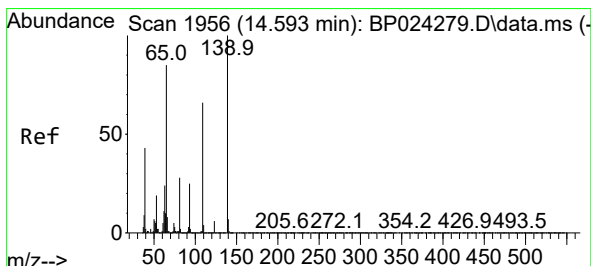
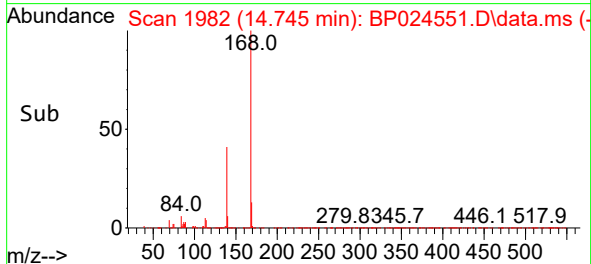
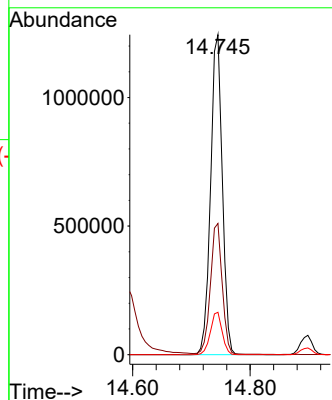
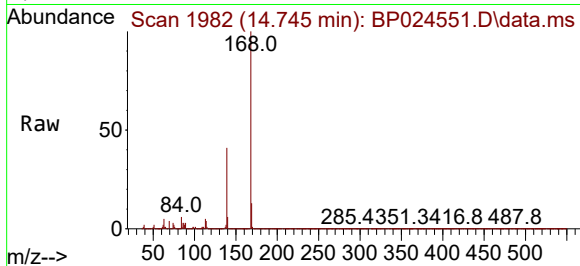




#55  
Dibenzenofuran  
Concen: 44.351 ng  
RT: 14.745 min Scan# 1982  
Delta R.T. -0.012 min  
Lab File: BP024551.D  
Acq: 06 May 2025 17:48

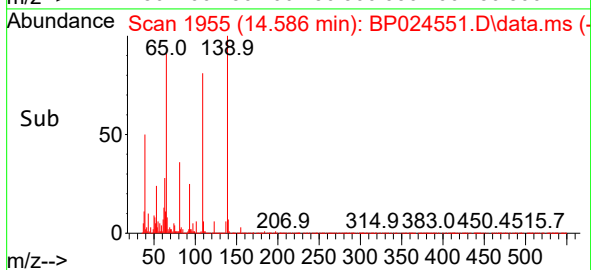
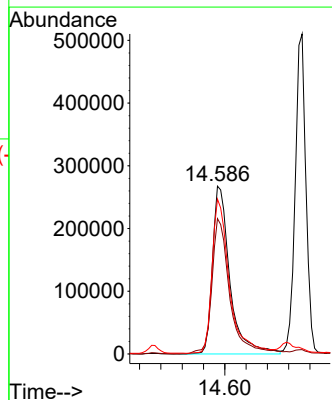
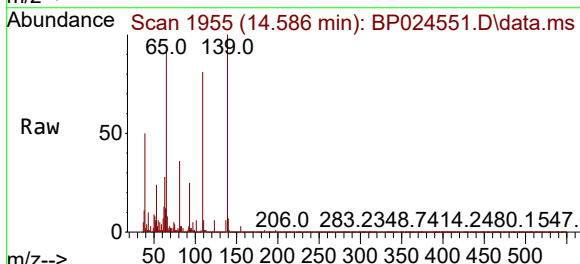
Instrument :  
BNA\_P  
ClientSampleId :  
SB2-4-5MS

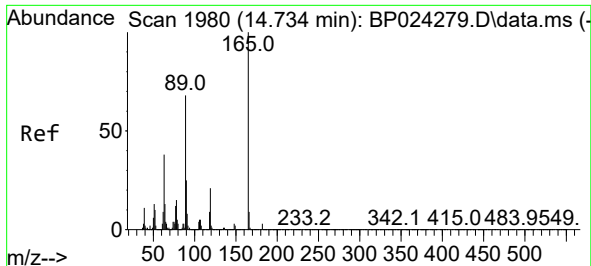
Tgt Ion:168 Resp: 1718937  
Ion Ratio Lower Upper  
168 100  
139 41.0 30.3 45.5  
169 13.3 10.6 16.0



#56  
4-Nitrophenol  
Concen: 100.330 ng  
RT: 14.586 min Scan# 1955  
Delta R.T. -0.006 min  
Lab File: BP024551.D  
Acq: 06 May 2025 17:48

Tgt Ion:139 Resp: 608126  
Ion Ratio Lower Upper  
139 100  
109 80.6 46.1 86.1  
65 92.3 65.0 105.0

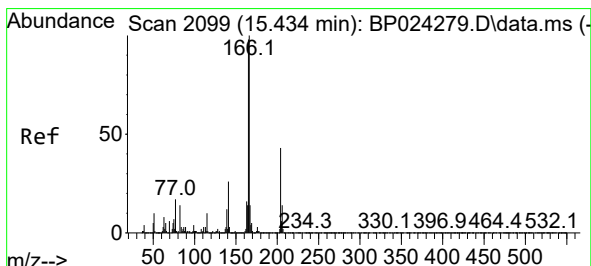
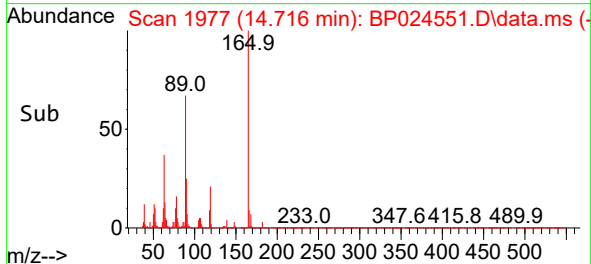
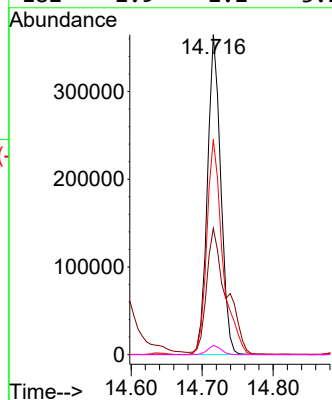
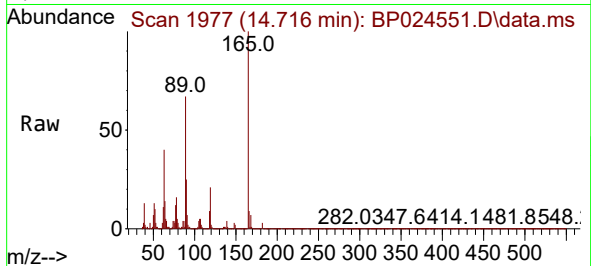




#57  
2,4-Dinitrotoluene  
Concen: 52.214 ng  
RT: 14.716 min Scan# 1980  
Delta R.T. -0.006 min  
Lab File: BP024551.D  
Acq: 06 May 2025 17:48

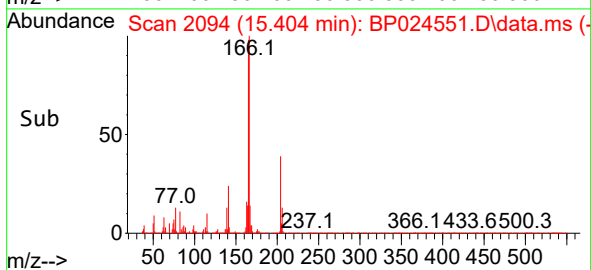
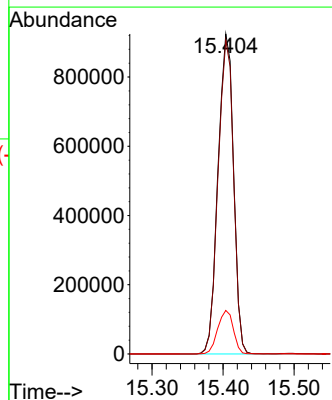
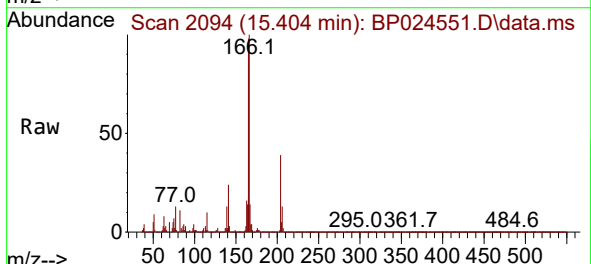
Instrument :  
BNA\_P  
ClientSampleId :  
SB2-4-5MS

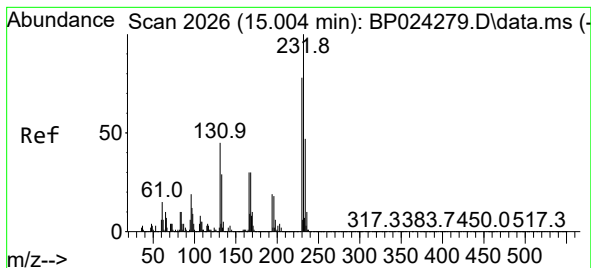
Tgt Ion:165 Resp: 475616  
Ion Ratio Lower Upper  
165 100  
63 39.5 30.4 45.6  
89 67.2 54.6 82.0  
182 2.9 2.2 3.2



#58  
Fluorene  
Concen: 46.501 ng  
RT: 15.404 min Scan# 2094  
Delta R.T. -0.012 min  
Lab File: BP024551.D  
Acq: 06 May 2025 17:48

Tgt Ion:166 Resp: 1395185  
Ion Ratio Lower Upper  
166 100  
165 98.0 78.1 117.1  
167 13.6 10.9 16.3





#59

2,3,4,6-Tetrachlorophenol

Concen: 49.790 ng

RT: 14.980 min Scan# 20

Delta R.T. -0.012 min

Lab File: BP024551.D

Acq: 06 May 2025 17:48

Instrument :

BNA\_P

ClientSampleId :

SB2-4-5MS

Tgt Ion:232 Resp: 402043

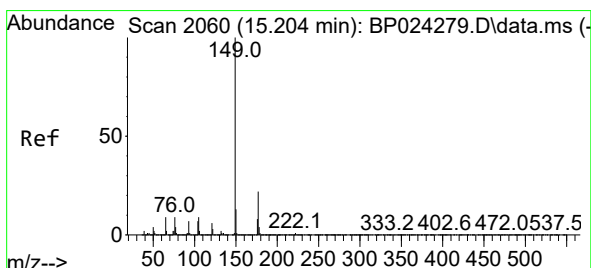
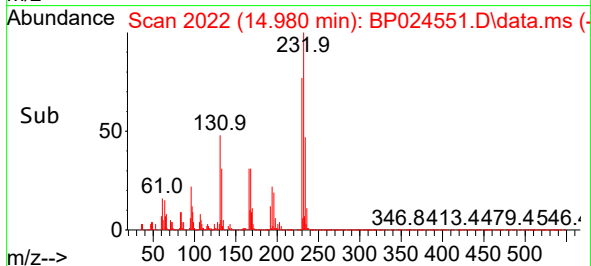
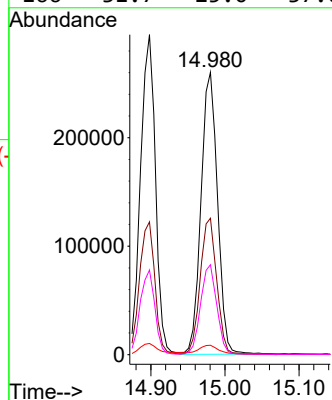
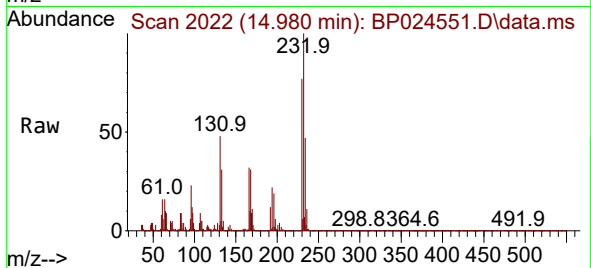
Ion Ratio Lower Upper

232 100

131 48.5 36.8 55.2

130 4.1 1.9 2.9#

166 31.7 25.0 37.6



#60

Diethylphthalate

Concen: 46.500 ng

RT: 15.175 min Scan# 2055

Delta R.T. -0.018 min

Lab File: BP024551.D

Acq: 06 May 2025 17:48

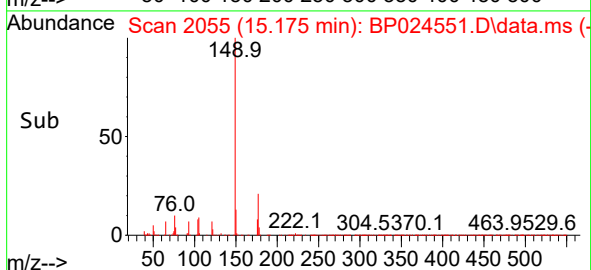
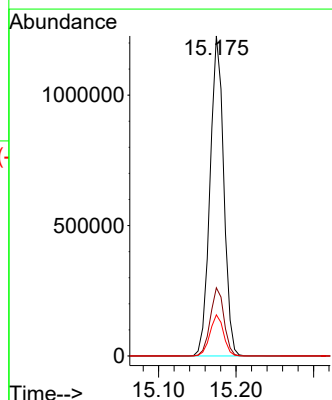
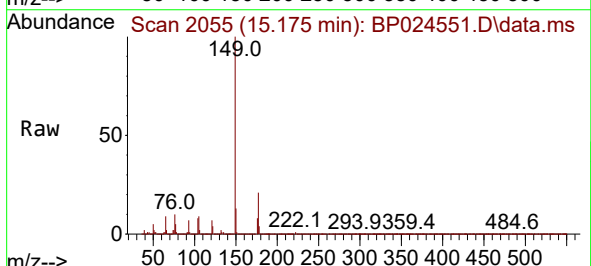
Tgt Ion:149 Resp: 1506873

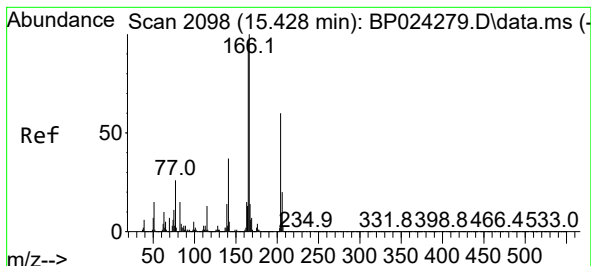
Ion Ratio Lower Upper

149 100

177 21.3 17.4 26.2

150 12.8 10.1 15.1

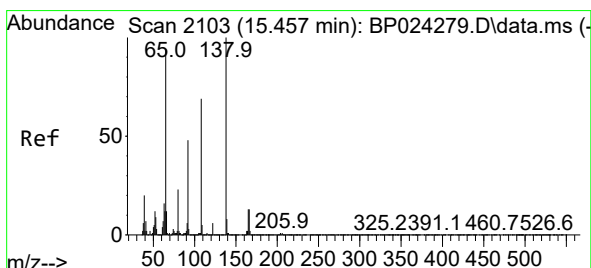
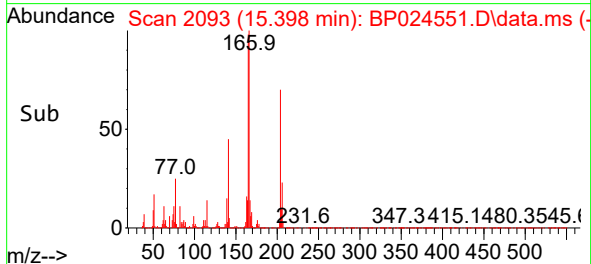
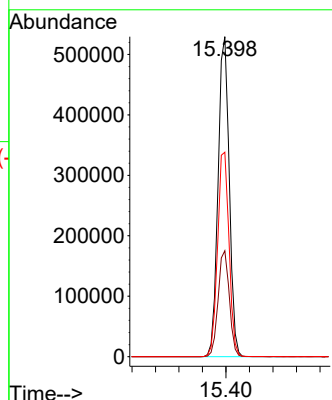
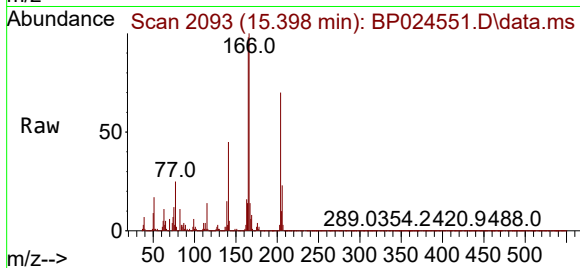




#61  
4-Chlorophenyl-phenylether  
Concen: 47.792 ng  
RT: 15.398 min Scan# 2098  
Delta R.T. -0.012 min  
Lab File: BP024551.D  
Acq: 06 May 2025 17:48

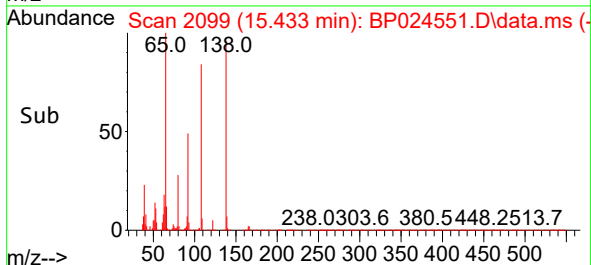
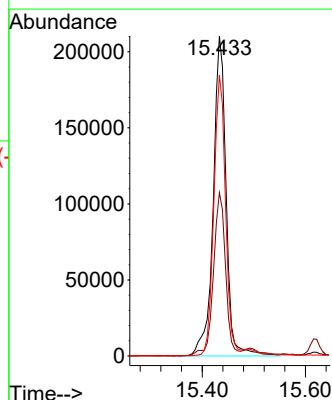
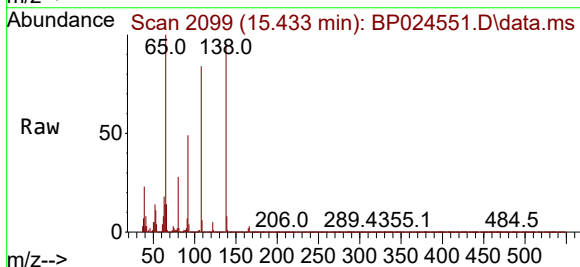
Instrument :  
BNA\_P  
ClientSampleId :  
SB2-4-5MS

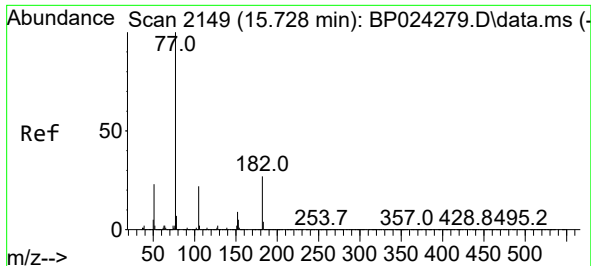
Tgt Ion:204 Resp: 696326  
Ion Ratio Lower Upper  
204 100  
206 33.1 26.5 39.7  
141 63.9 49.4 74.0



#62  
4-Nitroaniline  
Concen: 49.208 ng  
RT: 15.433 min Scan# 2099  
Delta R.T. -0.006 min  
Lab File: BP024551.D  
Acq: 06 May 2025 17:48

Tgt Ion:138 Resp: 365589  
Ion Ratio Lower Upper  
138 100  
92 51.0 27.8 67.8  
108 87.8 48.9 88.9



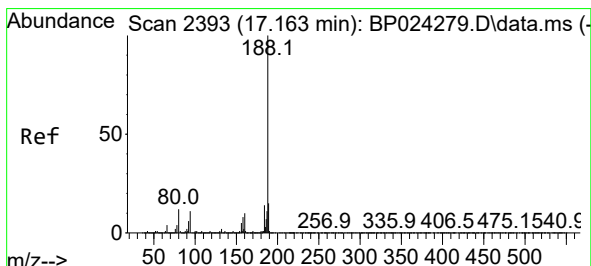
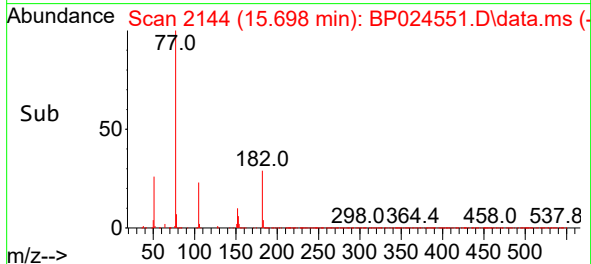
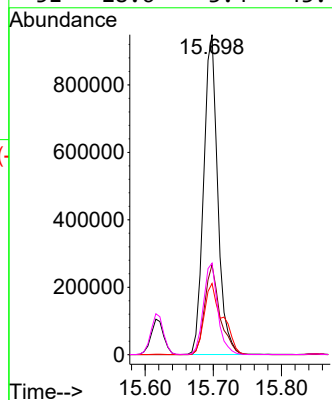
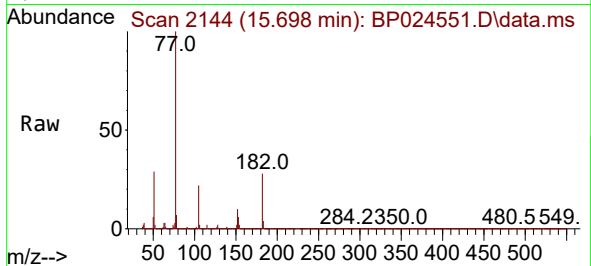


#63  
Azobenzene  
Concen: 45.530 ng  
RT: 15.698 min Scan# 2149  
Delta R.T. -0.012 min  
Lab File: BP024551.D  
Acq: 06 May 2025 17:48

Instrument :  
BNA\_P  
ClientSampleId :  
SB2-4-5MS

Tgt Ion: 77 Resp: 1356084

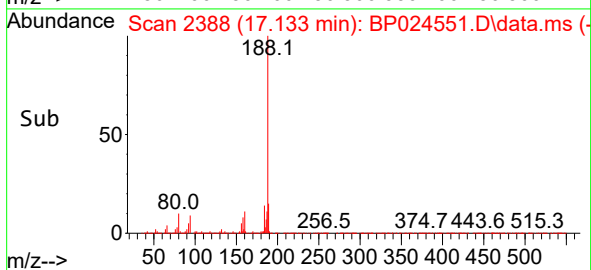
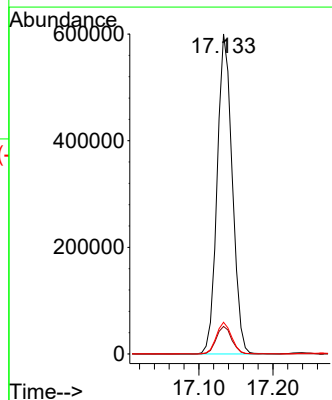
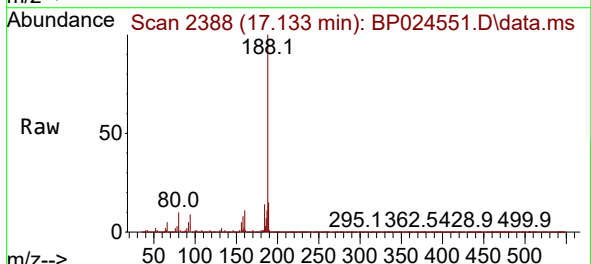
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 77  | 100   |       |       |
| 182 | 28.1  | 7.3   | 47.3  |
| 105 | 22.3  | 2.3   | 42.3  |
| 51  | 28.6  | 3.4   | 43.4  |

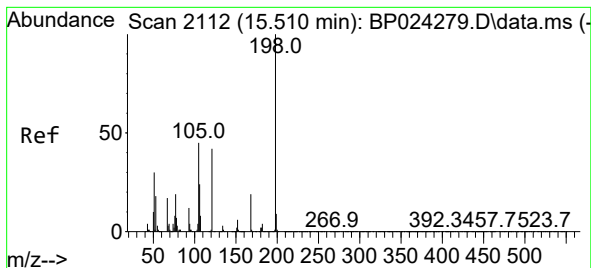


#64  
Phenanthrene-d10  
Concen: 20.000 ng  
RT: 17.133 min Scan# 2388  
Delta R.T. -0.012 min  
Lab File: BP024551.D  
Acq: 06 May 2025 17:48

Tgt Ion: 188 Resp: 848825

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

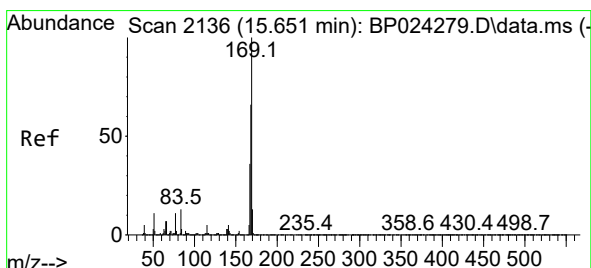
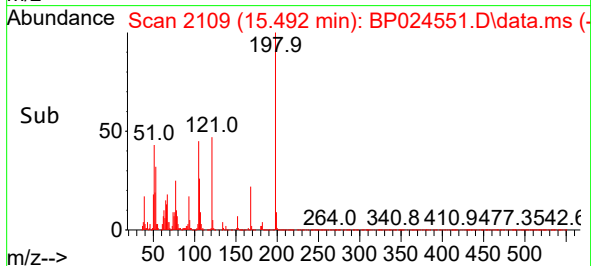
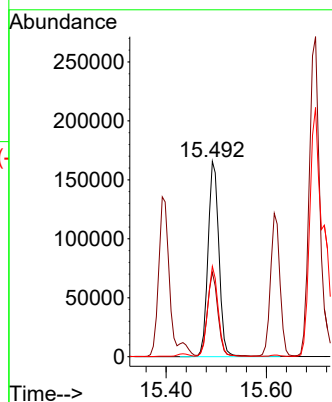
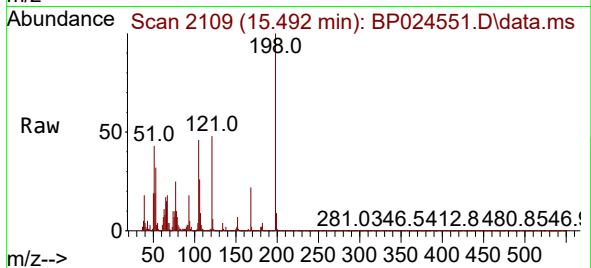




#65  
4,6-Dinitro-2-methylphenol  
Concen: 46.727 ng  
RT: 15.492 min Scan# 2109  
Delta R.T. -0.006 min  
Lab File: BP024551.D  
Acq: 06 May 2025 17:48

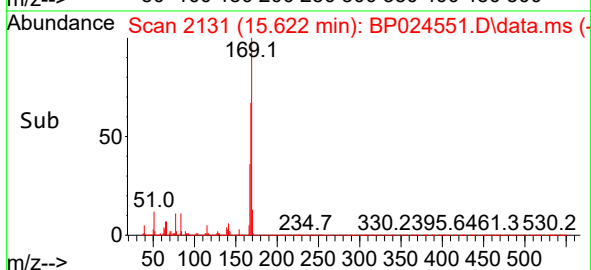
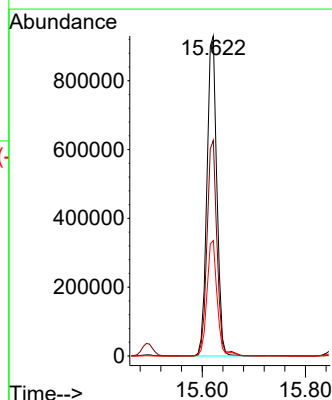
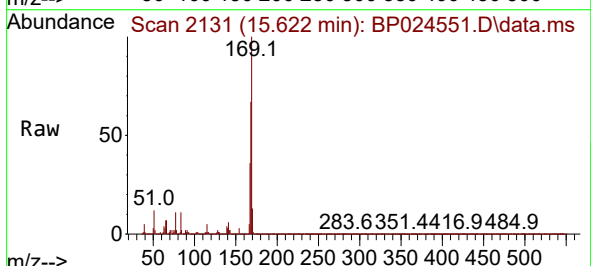
Instrument :  
BNA\_P  
ClientSampleId :  
SB2-4-5MS

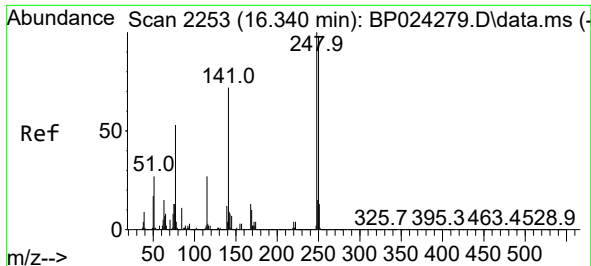
Tgt Ion:198 Resp: 250062  
Ion Ratio Lower Upper  
198 100  
51 43.2 18.4 58.4  
105 46.3 26.5 66.5



#66  
n-Nitrosodiphenylamine  
Concen: 48.575 ng  
RT: 15.622 min Scan# 2131  
Delta R.T. -0.006 min  
Lab File: BP024551.D  
Acq: 06 May 2025 17:48

Tgt Ion:169 Resp: 1230658  
Ion Ratio Lower Upper  
169 100  
168 67.4 53.0 79.4  
167 36.0 28.9 43.3

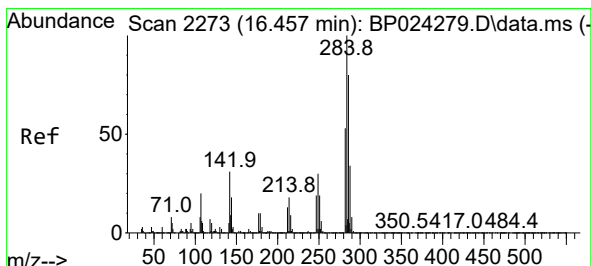
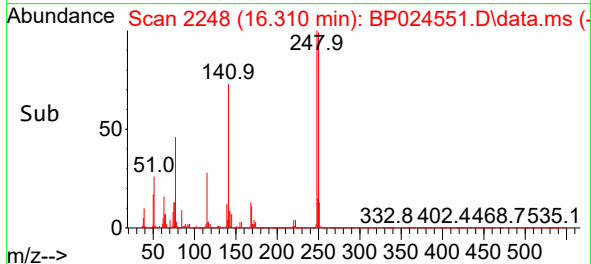
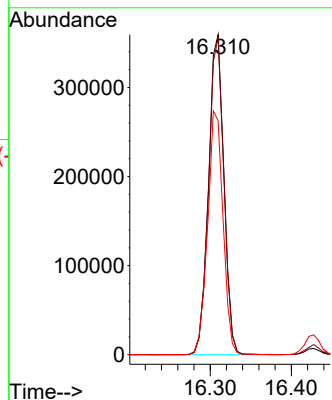
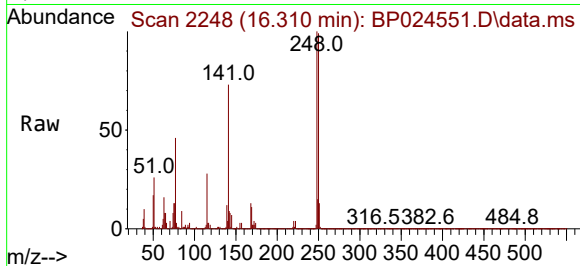




#67  
4-Bromophenyl-phenylether  
Concen: 50.805 ng  
RT: 16.310 min Scan# 21  
Delta R.T. -0.012 min  
Lab File: BP024551.D  
Acq: 06 May 2025 17:48

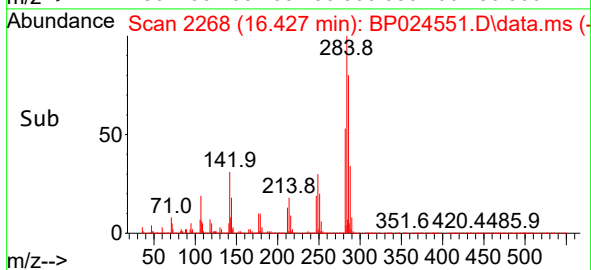
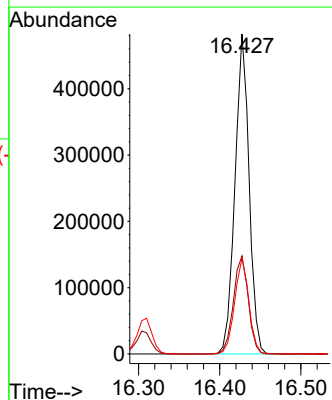
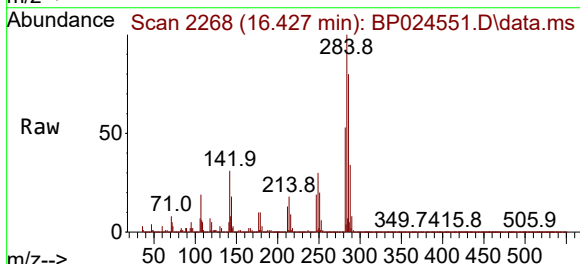
Instrument :  
BNA\_P  
ClientSampleId :  
SB2-4-5MS

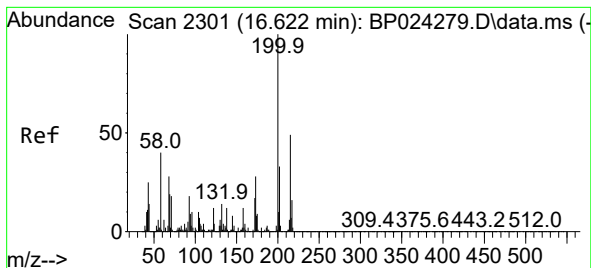
Tgt Ion:248 Resp: 471643  
Ion Ratio Lower Upper  
248 100  
250 99.1 78.2 117.4  
141 73.1 57.7 86.5



#68  
Hexachlorobenzene  
Concen: 52.652 ng  
RT: 16.427 min Scan# 2268  
Delta R.T. -0.012 min  
Lab File: BP024551.D  
Acq: 06 May 2025 17:48

Tgt Ion:284 Resp: 580819  
Ion Ratio Lower Upper  
284 100  
142 30.7 24.6 37.0  
249 30.0 23.8 35.6





#69

Atrazine

Concen: 67.383 ng

RT: 16.592 min Scan# 21

Delta R.T. -0.018 min

Lab File: BP024551.D

Acq: 06 May 2025 17:48

Instrument :

BNA\_P

ClientSampleId :

SB2-4-5MS

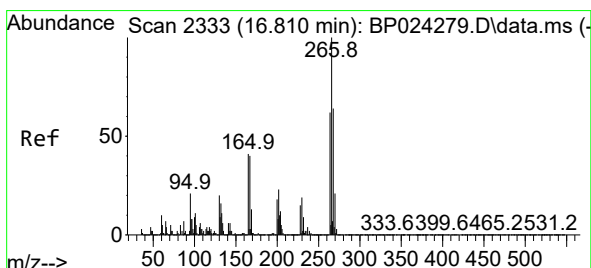
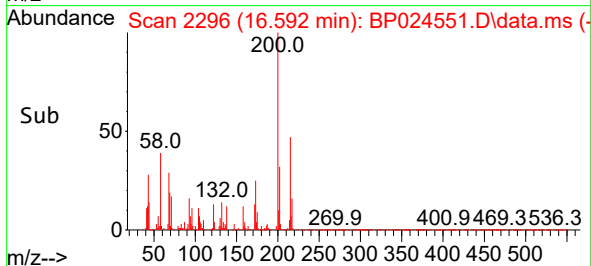
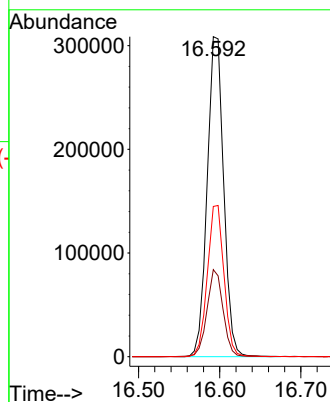
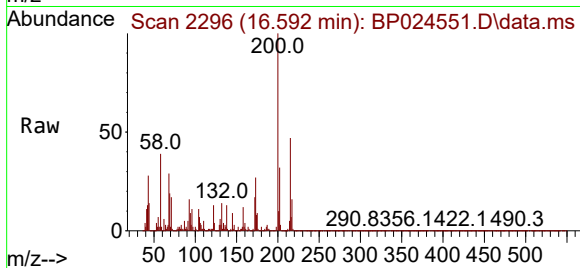
Tgt Ion:200 Resp: 434806

Ion Ratio Lower Upper

200 100

173 27.2 7.5 47.5

215 46.9 28.8 68.8



#70

Pentachlorophenol

Concen: 102.330 ng

RT: 16.786 min Scan# 2329

Delta R.T. -0.012 min

Lab File: BP024551.D

Acq: 06 May 2025 17:48

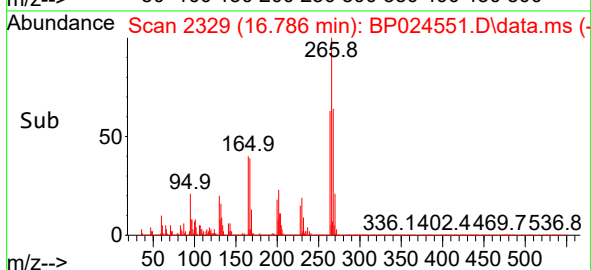
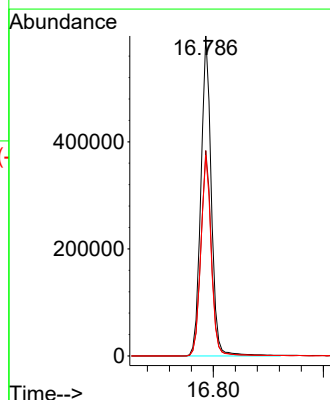
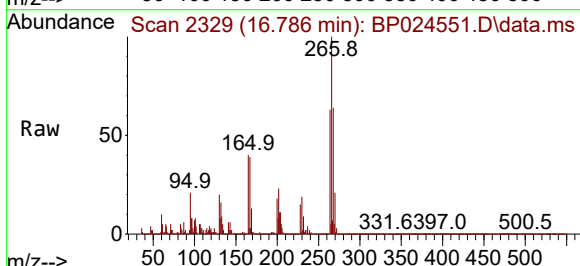
Tgt Ion:266 Resp: 787505

Ion Ratio Lower Upper

266 100

268 64.2 51.0 76.6

264 62.7 49.8 74.6





#71

Phenanthrene

Concen: 47.243 ng

RT: 17.180 min Scan# 21

Delta R.T. -0.012 min

Lab File: BP024551.D

Acq: 06 May 2025 17:48

Instrument :

BNA\_P

ClientSampleId :

SB2-4-5MS

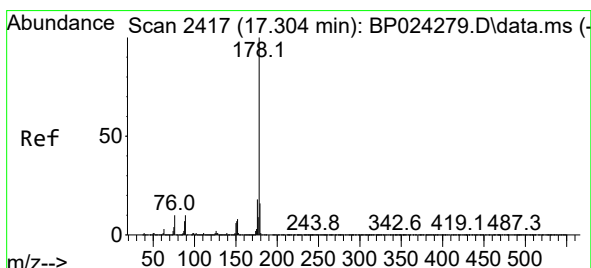
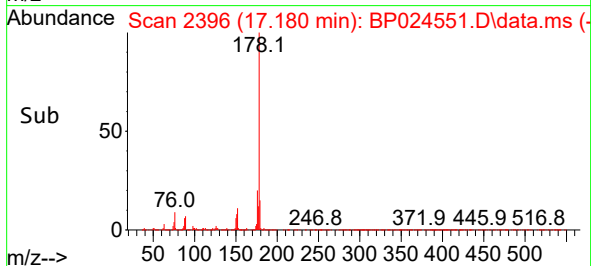
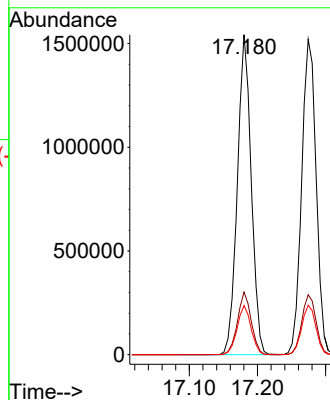
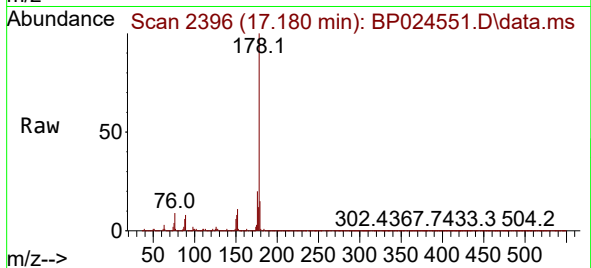
Tgt Ion:178 Resp: 2187622

Ion Ratio Lower Upper

178 100

176 19.6 15.4 23.0

179 15.3 12.5 18.7



#72

Anthracene

Concen: 50.458 ng

RT: 17.274 min Scan# 2412

Delta R.T. -0.012 min

Lab File: BP024551.D

Acq: 06 May 2025 17:48

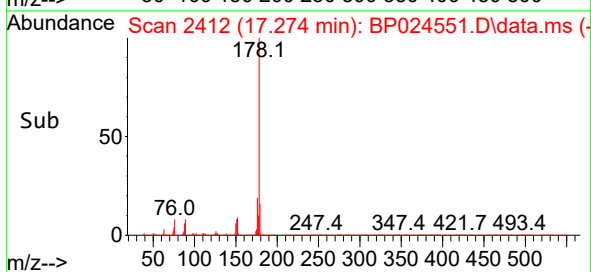
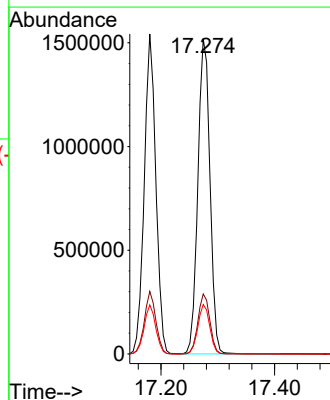
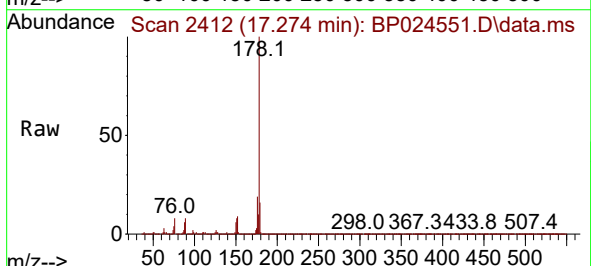
Tgt Ion:178 Resp: 2251877

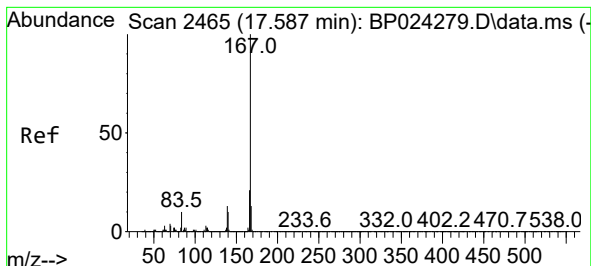
Ion Ratio Lower Upper

178 100

176 19.0 14.7 22.1

179 15.7 12.4 18.6





#73

Carbazole

Concen: 48.329 ng

RT: 17.563 min Scan# 2461

Delta R.T. -0.006 min

Lab File: BP024551.D

Acq: 06 May 2025 17:48

Instrument :

BNA\_P

ClientSampleId :

SB2-4-5MS

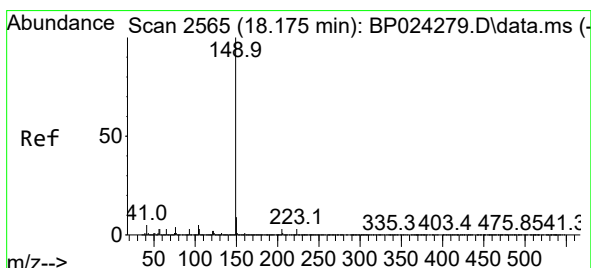
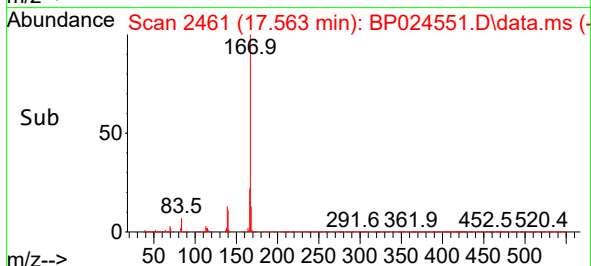
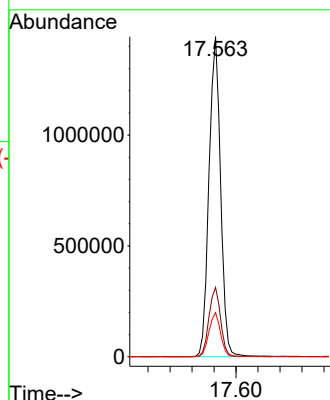
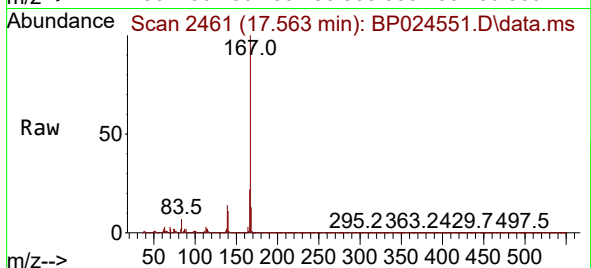
Tgt Ion:167 Resp: 2107444

Ion Ratio Lower Upper

167 100

166 21.6 17.1 25.7

139 13.7 10.6 16.0



#74

Di-n-butylphthalate

Concen: 49.992 ng

RT: 18.139 min Scan# 2559

Delta R.T. -0.018 min

Lab File: BP024551.D

Acq: 06 May 2025 17:48

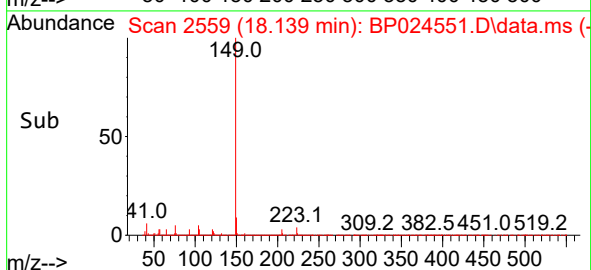
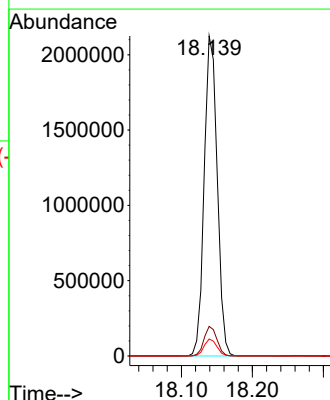
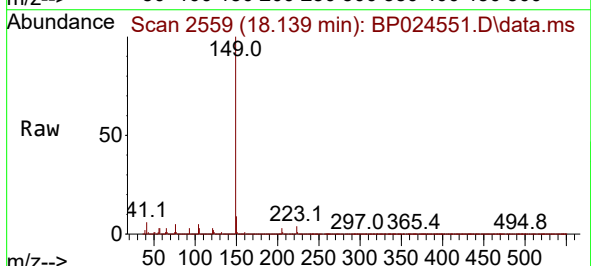
Tgt Ion:149 Resp: 2715929

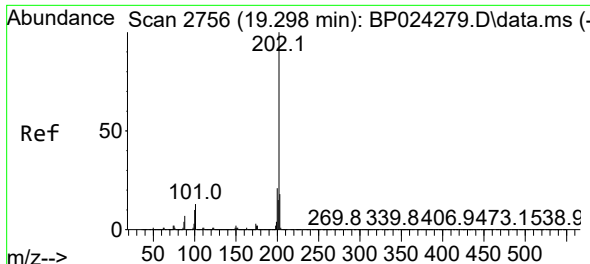
Ion Ratio Lower Upper

149 100

150 9.2 7.4 11.2

104 5.3 3.9 5.9

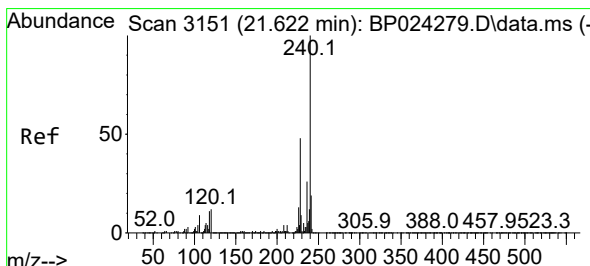
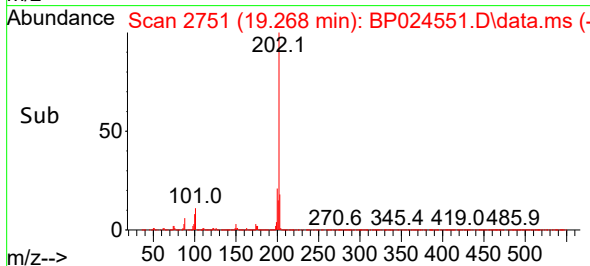
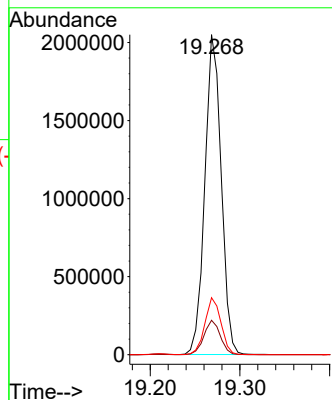
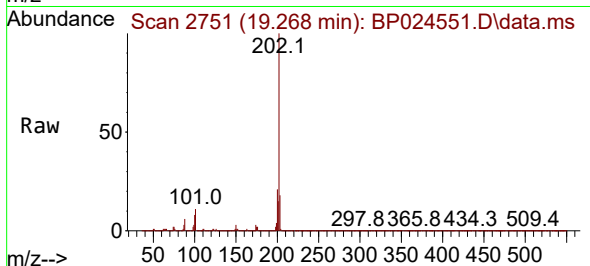




#75  
Fluoranthene  
Concen: 47.151 ng  
RT: 19.268 min Scan# 21  
Delta R.T. -0.012 min  
Lab File: BP024551.D  
Acq: 06 May 2025 17:48

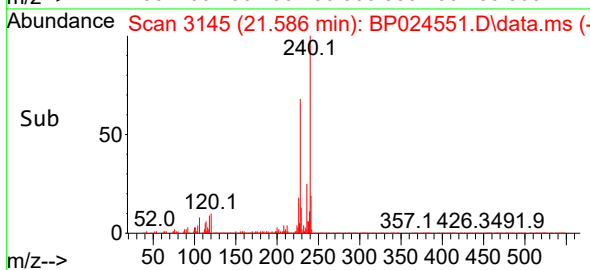
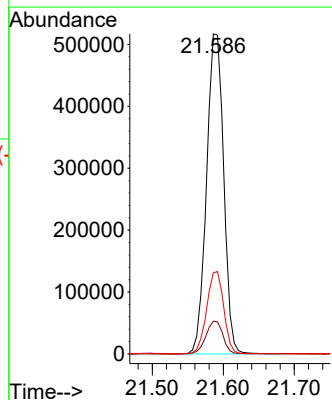
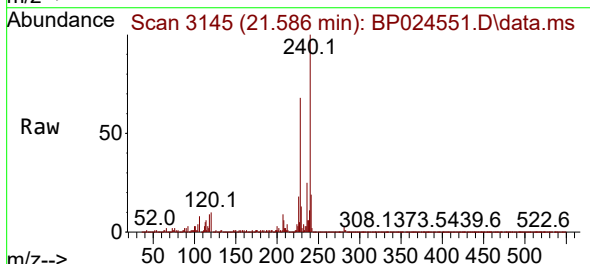
Instrument :  
BNA\_P  
ClientSampleId :  
SB2-4-5MS

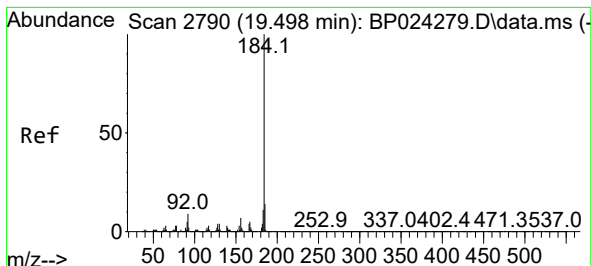
Tgt Ion:202 Resp: 2596718  
Ion Ratio Lower Upper  
202 100  
101 10.8 0.0 33.2  
203 17.8 0.0 37.7



#76  
Chrysene-d12  
Concen: 20.000 ng  
RT: 21.586 min Scan# 3145  
Delta R.T. -0.006 min  
Lab File: BP024551.D  
Acq: 06 May 2025 17:48

Tgt Ion:240 Resp: 867916  
Ion Ratio Lower Upper  
240 100  
120 10.3 9.8 14.8  
236 25.4 20.9 31.3





#77

Benzidine

Concen: 102.144 ng

RT: 19.474 min Scan# 21

Delta R.T. -0.006 min

Lab File: BP024551.D

Acq: 06 May 2025 17:48

Instrument :

BNA\_P

ClientSampleId :

SB2-4-5MS

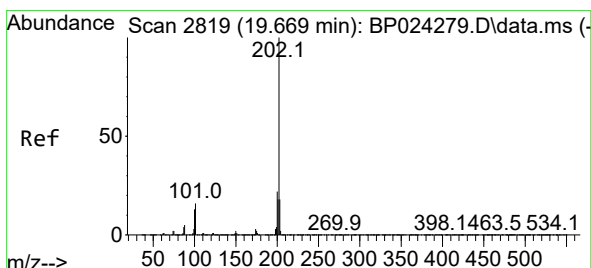
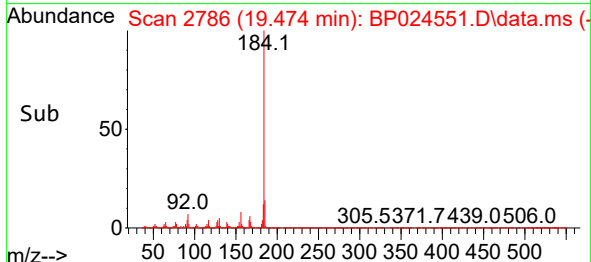
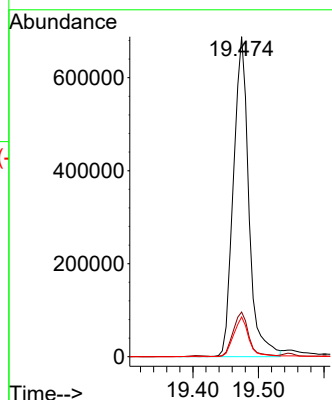
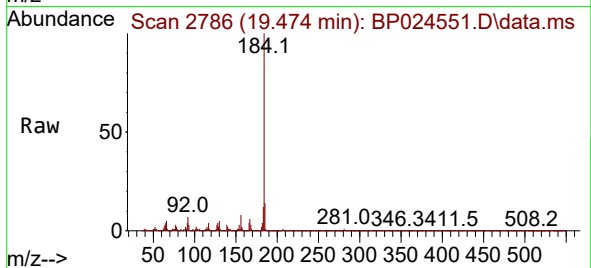
Tgt Ion:184 Resp: 1123745

Ion Ratio Lower Upper

184 100

185 14.0 11.6 17.4

183 12.4 9.2 13.8



#78

Pyrene

Concen: 47.959 ng

RT: 19.645 min Scan# 2815

Delta R.T. -0.006 min

Lab File: BP024551.D

Acq: 06 May 2025 17:48

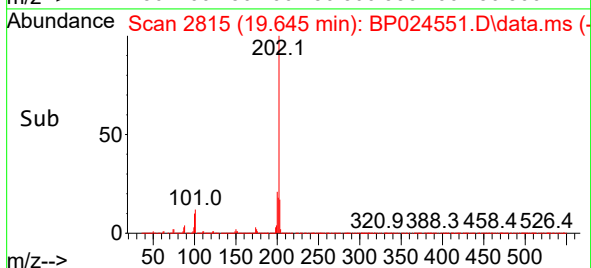
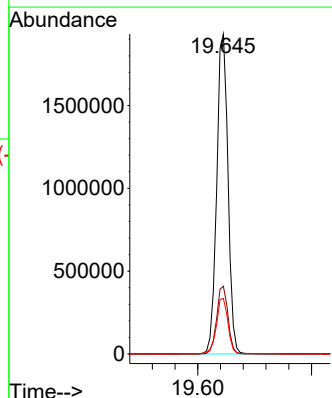
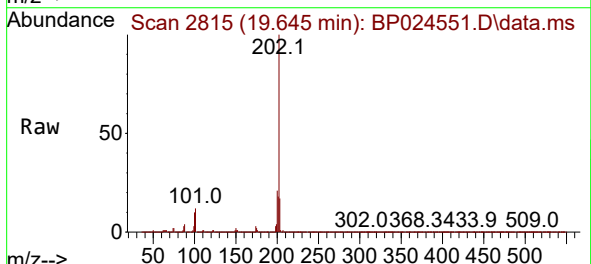
Tgt Ion:202 Resp: 2645299

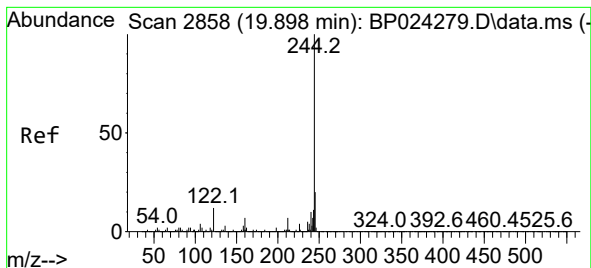
Ion Ratio Lower Upper

202 100

200 21.2 17.2 25.8

203 17.3 14.4 21.6





#79

Terphenyl-d14

Concen: 70.931 ng

RT: 19.863 min Scan# 21

Delta R.T. -0.012 min

Lab File: BP024551.D

Acq: 06 May 2025 17:48

Instrument :

BNA\_P

ClientSampleId :

SB2-4-5MS

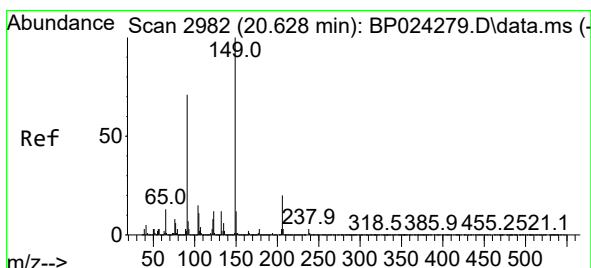
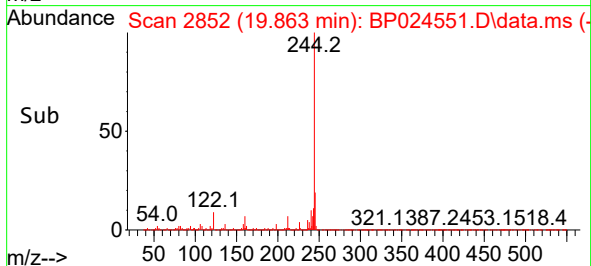
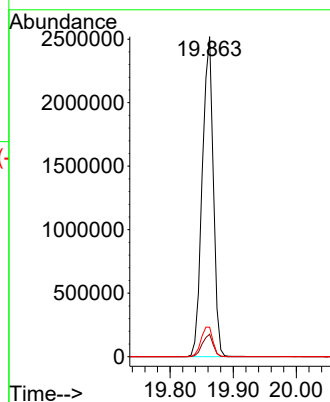
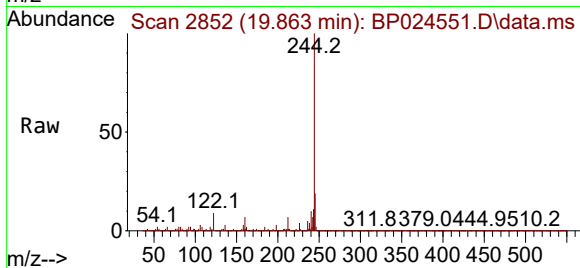
Tgt Ion:244 Resp: 3054230

Ion Ratio Lower Upper

244 100

212 7.0 5.6 8.4

122 9.2 9.4 14.0#



#80

Butylbenzylphthalate

Concen: 52.637 ng

RT: 20.598 min Scan# 2977

Delta R.T. -0.006 min

Lab File: BP024551.D

Acq: 06 May 2025 17:48

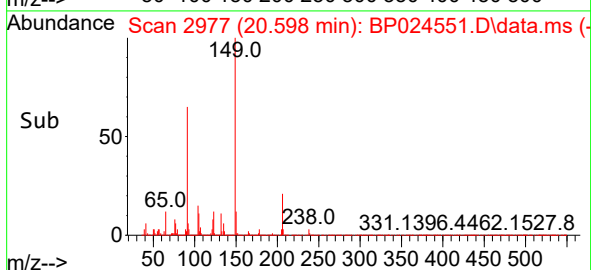
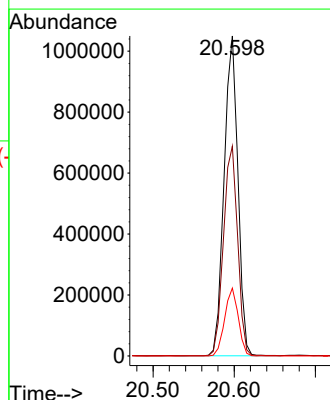
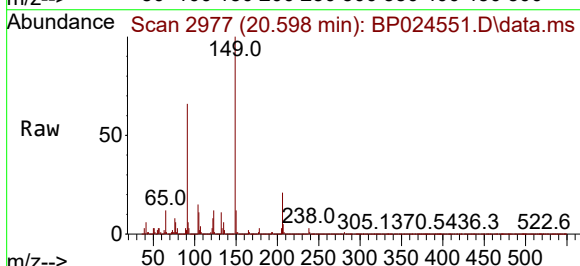
Tgt Ion:149 Resp: 1243545

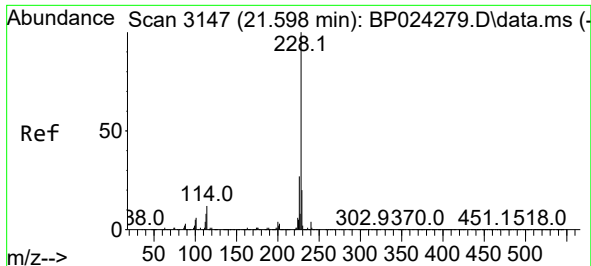
Ion Ratio Lower Upper

149 100

91 65.6 56.4 84.6

206 21.2 16.3 24.5

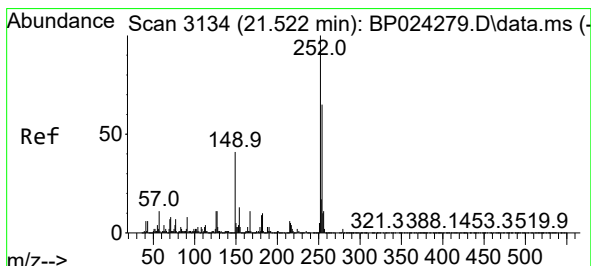
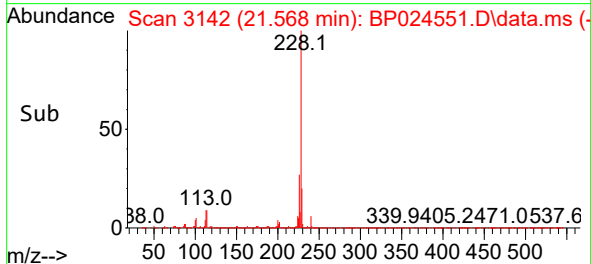
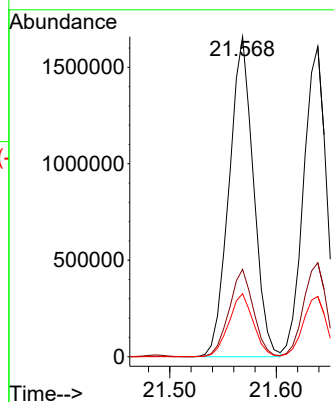
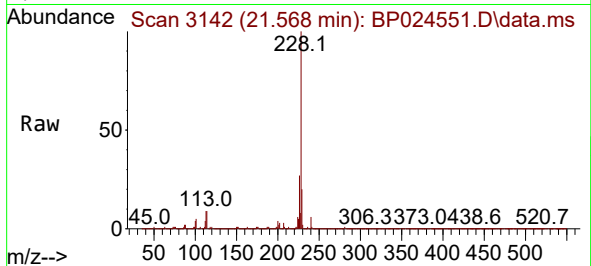




#81  
Benzo(a)anthracene  
Concen: 48.910 ng  
RT: 21.568 min Scan# 31  
Delta R.T. -0.000 min  
Lab File: BP024551.D  
Acq: 06 May 2025 17:48

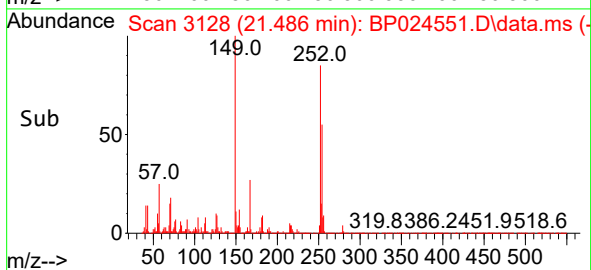
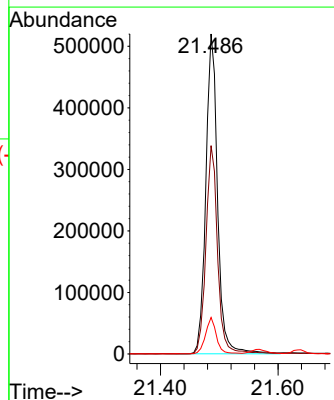
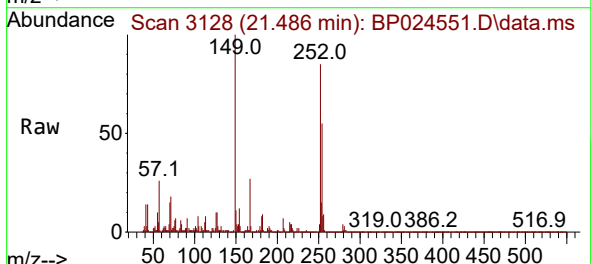
Instrument :  
BNA\_P  
ClientSampleId :  
SB2-4-5MS

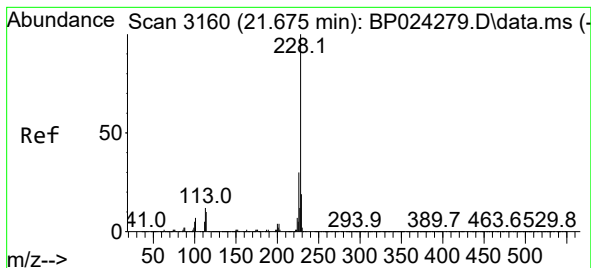
Tgt Ion:228 Resp: 2638502  
Ion Ratio Lower Upper  
228 100  
226 27.3 21.8 32.8  
229 19.7 15.9 23.9



#82  
3,3'-Dichlorobenzidine  
Concen: 38.261 ng  
RT: 21.486 min Scan# 3128  
Delta R.T. -0.006 min  
Lab File: BP024551.D  
Acq: 06 May 2025 17:48

Tgt Ion:252 Resp: 724444  
Ion Ratio Lower Upper  
252 100  
254 65.1 51.7 77.5  
126 11.4 8.8 13.2





#83

Chrysene

Concen: 46.255 ng

RT: 21.639 min Scan# 31

Delta R.T. -0.000 min

Lab File: BP024551.D

Acq: 06 May 2025 17:48

Instrument :

BNA\_P

ClientSampleId :

SB2-4-5MS

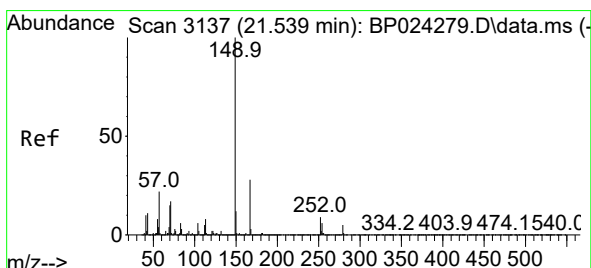
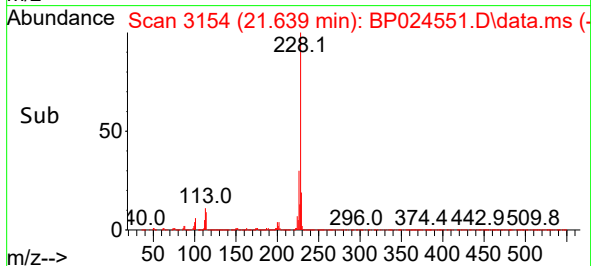
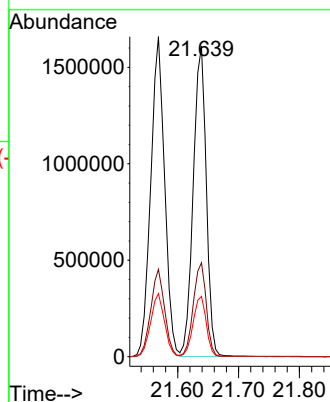
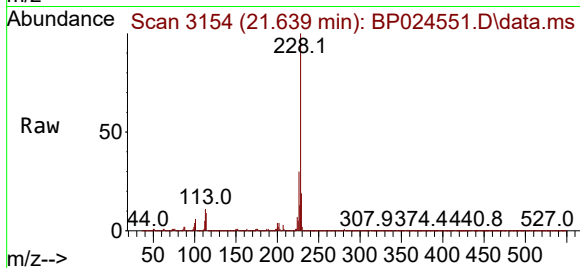
Tgt Ion:228 Resp: 2390595

Ion Ratio Lower Upper

228 100

226 30.3 24.2 36.2

229 19.5 15.6 23.4



#84

Bis(2-ethylhexyl)phthalate

Concen: 50.584 ng

RT: 21.498 min Scan# 3130

Delta R.T. -0.012 min

Lab File: BP024551.D

Acq: 06 May 2025 17:48

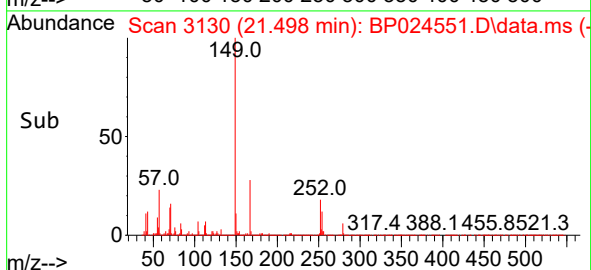
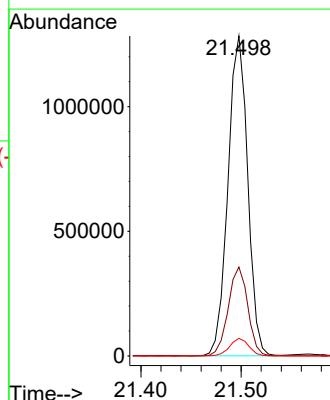
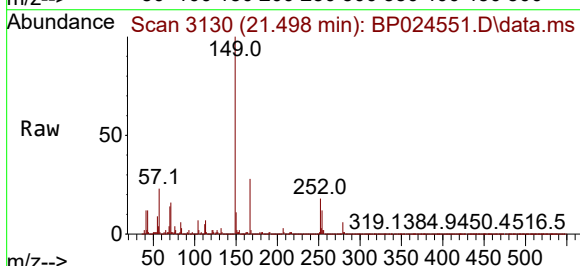
Tgt Ion:149 Resp: 1751888

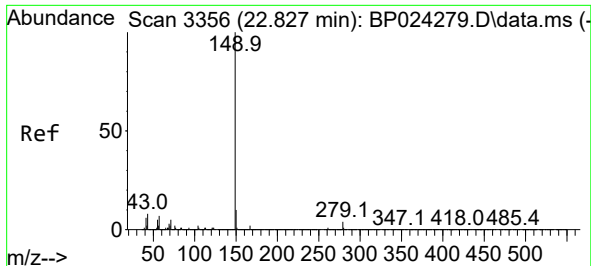
Ion Ratio Lower Upper

149 100

167 27.8 22.4 33.6

279 5.5 4.0 6.0

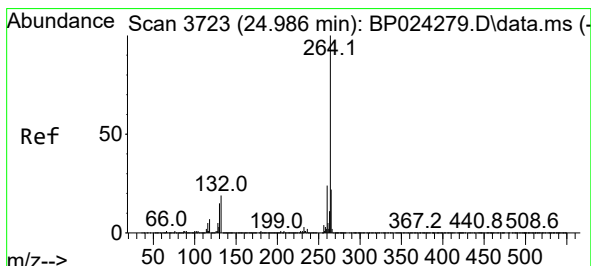
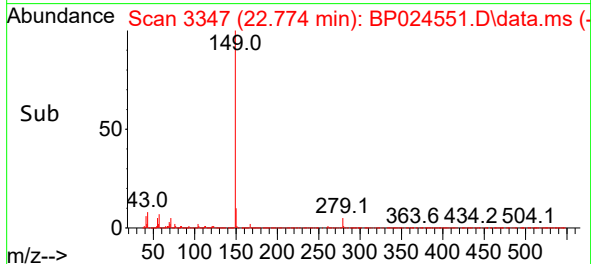
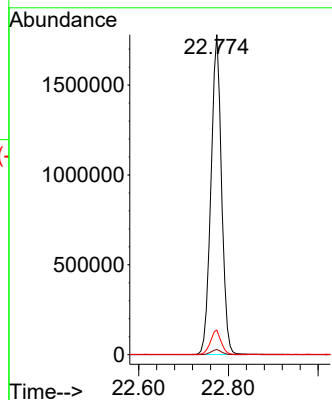
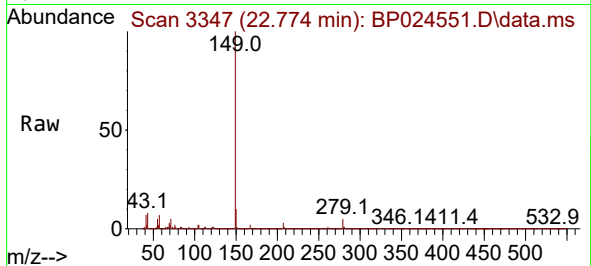




#85  
Di-n-octyl phthalate  
Concen: 51.601 ng  
RT: 22.774 min Scan# 31  
Delta R.T. -0.012 min  
Lab File: BP024551.D  
Acq: 06 May 2025 17:48

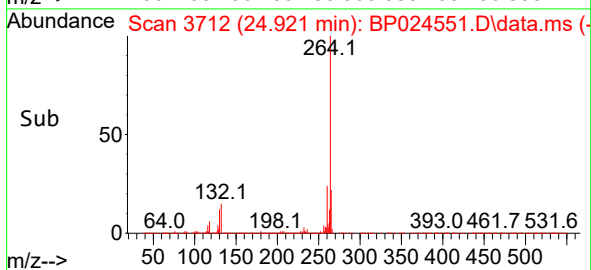
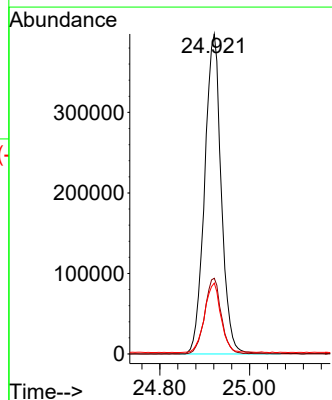
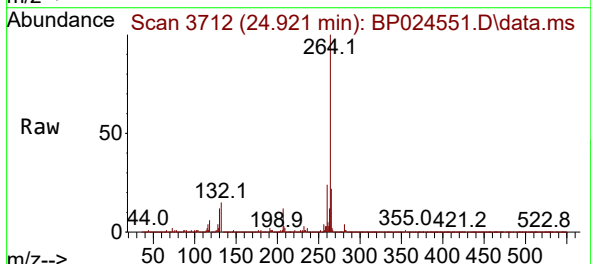
Instrument :  
BNA\_P  
ClientSampleId :  
SB2-4-5MS

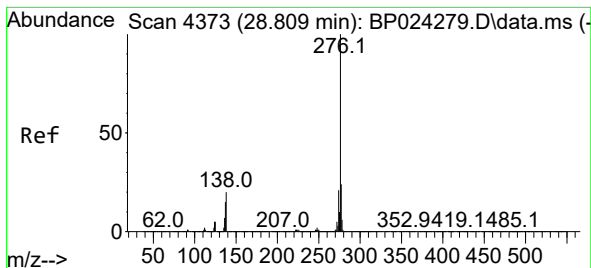
Tgt Ion:149 Resp: 2905339  
Ion Ratio Lower Upper  
149 100  
167 1.6 1.2 1.8  
43 7.6 6.0 9.0



#86  
Perylene-d12  
Concen: 20.000 ng  
RT: 24.921 min Scan# 3712  
Delta R.T. -0.012 min  
Lab File: BP024551.D  
Acq: 06 May 2025 17:48

Tgt Ion:264 Resp: 1020858  
Ion Ratio Lower Upper  
264 100  
260 23.6 18.9 28.3  
265 22.2 17.8 26.6





#87

Indeno(1,2,3-cd)pyrene

Concen: 51.592 ng

RT: 28.709 min Scan# 41

Delta R.T. -0.030 min

Lab File: BP024551.D

Acq: 06 May 2025 17:48

Instrument :

BNA\_P

ClientSampleId :

SB2-4-5MS

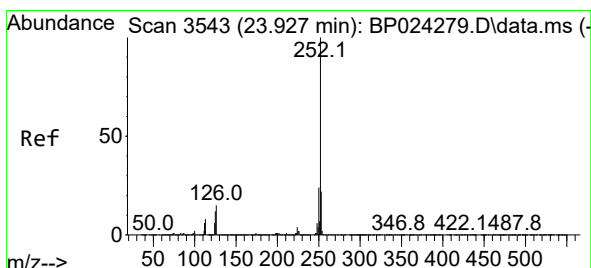
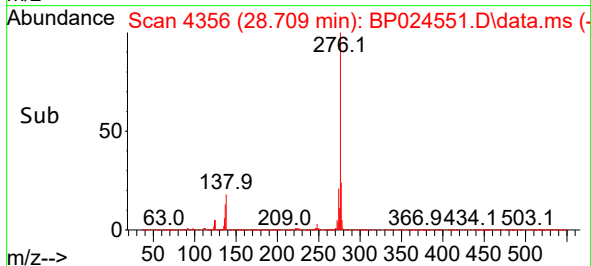
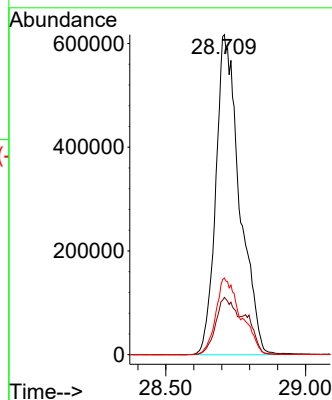
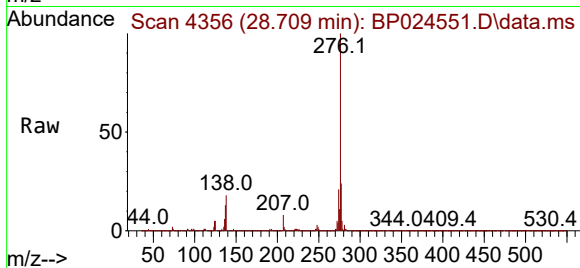
Tgt Ion:276 Resp: 3656427

Ion Ratio Lower Upper

276 100

138 15.0 14.5 21.7

277 25.4 20.2 30.2



#88

Benzo(b)fluoranthene

Concen: 45.507 ng

RT: 23.874 min Scan# 3534

Delta R.T. -0.012 min

Lab File: BP024551.D

Acq: 06 May 2025 17:48

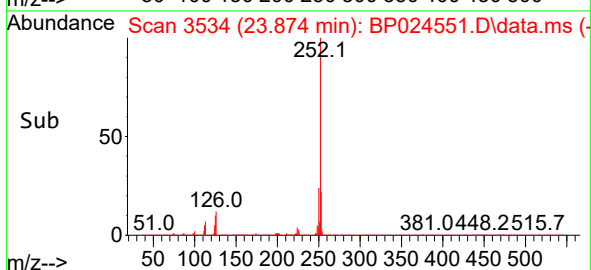
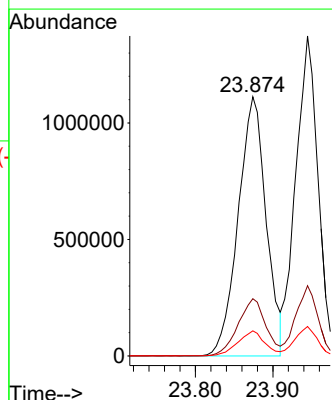
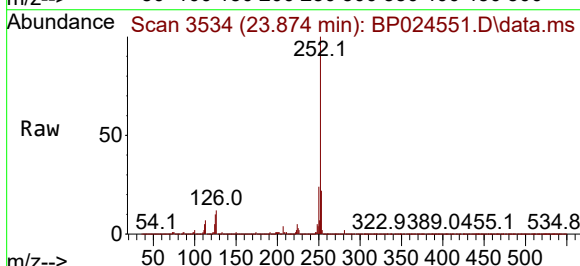
Tgt Ion:252 Resp: 2784618

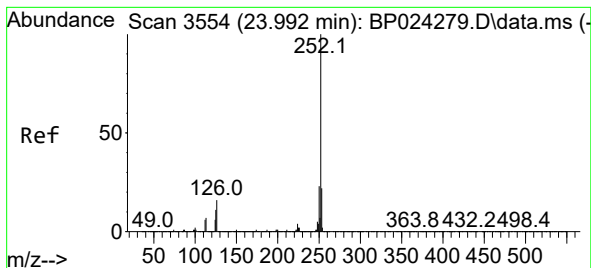
Ion Ratio Lower Upper

252 100

253 22.1 17.7 26.5

125 9.7 9.4 14.0





#89

Benzo(k)fluoranthene

Concen: 46.609 ng

RT: 23.945 min Scan# 31

Delta R.T. -0.012 min

Lab File: BP024551.D

Acq: 06 May 2025 17:48

Instrument :

BNA\_P

ClientSampleId :

SB2-4-5MS

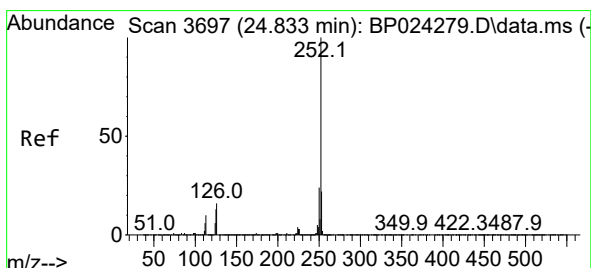
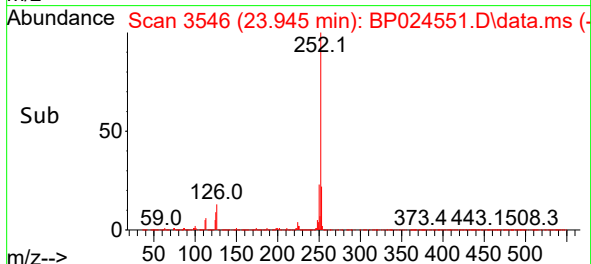
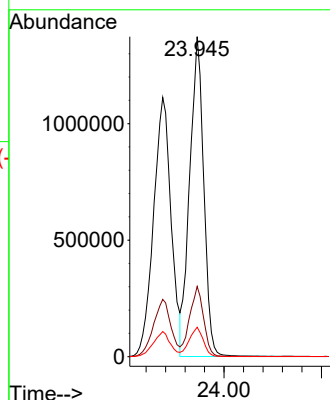
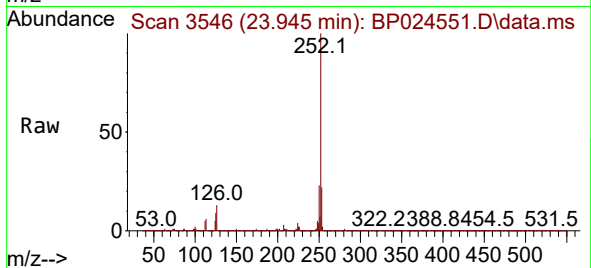
Tgt Ion:252 Resp: 2754953

Ion Ratio Lower Upper

252 100

253 21.9 17.7 26.5

125 9.2 9.1 13.7



#90

Benzo(a)pyrene

Concen: 51.589 ng

RT: 24.768 min Scan# 3686

Delta R.T. -0.012 min

Lab File: BP024551.D

Acq: 06 May 2025 17:48

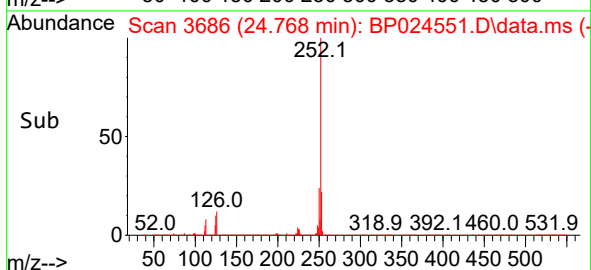
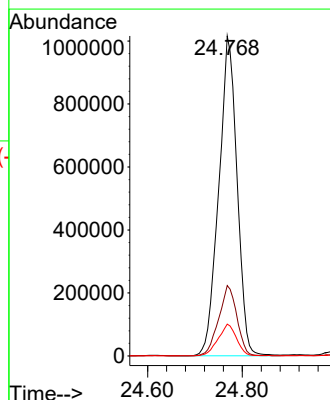
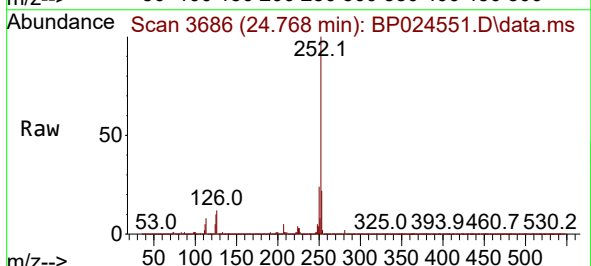
Tgt Ion:252 Resp: 2723040

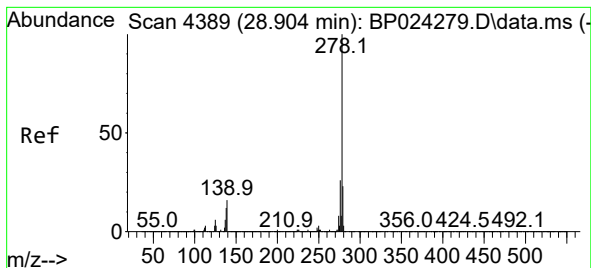
Ion Ratio Lower Upper

252 100

253 22.0 17.6 26.4

125 9.9 10.1 15.1#





#91

Dibenzo(a,h)anthracene

Concen: 50.718 ng

RT: 28.791 min Scan# 41

Delta R.T. -0.012 min

Lab File: BP024551.D

Acq: 06 May 2025 17:48

Instrument :

BNA\_P

ClientSampleId :

SB2-4-5MS

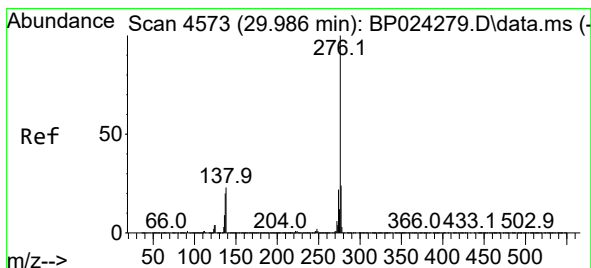
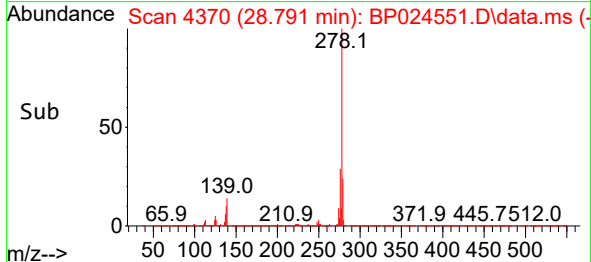
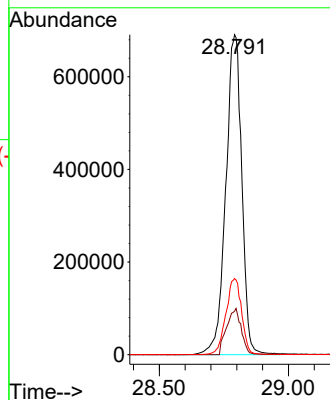
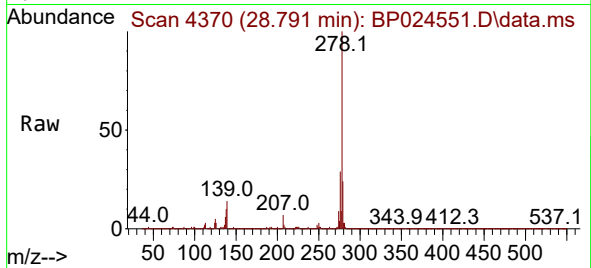
Tgt Ion:278 Resp: 2983539

Ion Ratio Lower Upper

278 100

139 13.6 12.6 19.0

279 23.8 18.5 27.7



#92

Benzo(g,h,i)perylene

Concen: 48.640 ng

RT: 29.886 min Scan# 4556

Delta R.T. -0.012 min

Lab File: BP024551.D

Acq: 06 May 2025 17:48

Tgt Ion:276 Resp: 2912409

Ion Ratio Lower Upper

276 100

277 23.8 18.9 28.3

138 19.3 18.7 28.1

