

Data Path : Z:\svoasrv\HPCHEM1\BNA\_P\Data\BP042925\  
 Data File : BP024463.D  
 Acq On : 29 Apr 2025 17:22  
 Operator : RC/JU  
 Sample : Q1871-04MS  
 Misc :  
 ALS Vial : 12 Sample Multiplier: 1

Instrument :  
 BNA\_P  
 ClientSampleId :  
 MH-AMS

Quant Time: Apr 29 18:03:30 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     | 7.710  | 152  | 159274   | 20.000  | ng    | -0.01    |
| 21) Naphthalene-d8            | 10.481 | 136  | 640994   | 20.000  | ng    | #-0.02   |
| 39) Acenaphthene-d10          | 14.339 | 164  | 417040   | 20.000  | ng    | -0.01    |
| 64) Phenanthrene-d10          | 17.139 | 188  | 854293   | 20.000  | ng    | 0.00     |
| 76) Chrysene-d12              | 21.598 | 240  | 948102   | 20.000  | ng    | # 0.00   |
| 86) Perylene-d12              | 24.944 | 264  | 1010012  | 20.000  | ng    | 0.01     |
| System Monitoring Compounds   |        |      |          |         |       |          |
| 5) 2-Fluorophenol             | 5.340  | 112  | 1307321  | 135.716 | ng    | 0.00     |
| 7) Phenol-d6                  | 6.904  | 99   | 1620665  | 122.871 | ng    | 0.00     |
| 23) Nitrobenzene-d5           | 8.857  | 82   | 1020350  | 90.768  | ng    | -0.01    |
| 42) 2,4,6-Tribromophenol      | 15.857 | 330  | 1015443  | 175.988 | ng    | 0.00     |
| 45) 2-Fluorobiphenyl          | 12.951 | 172  | 2481491  | 91.105  | ng    | -0.01    |
| 79) Terphenyl-d14             | 19.874 | 244  | 4578147  | 97.330  | ng    | 0.00     |
| Target Compounds              |        |      |          |         |       |          |
|                               |        |      |          |         |       | Qvalue   |
| 2) 1,4-Dioxane                | 3.293  | 88   | 148124   | 36.354  | ng    | # 64     |
| 3) Pyridine                   | 3.687  | 79   | 335449   | 31.179  | ng    | 94       |
| 4) n-Nitrosodimethylamine     | 3.587  | 42   | 167648   | 46.951  | ng    | 77       |
| 6) Aniline                    | 7.051  | 93   | 235189   | 19.954  | ng    | 98       |
| 8) 2-Chlorophenol             | 7.287  | 128  | 506657   | 47.109  | ng    | 99       |
| 9) Benzaldehyde               | 6.863  | 77   | 45857    | 7.028   | ng    | 99       |
| 10) Phenol                    | 6.928  | 94   | 586183   | 44.302  | ng    | 91       |
| 11) bis(2-Chloroethyl)ether   | 7.145  | 93   | 428386   | 40.183  | ng    | 99       |
| 12) 1,3-Dichlorobenzene       | 7.598  | 146  | 504772   | 43.596  | ng    | 98       |
| 13) 1,4-Dichlorobenzene       | 7.745  | 146  | 515736   | 43.901  | ng    | 98       |
| 14) 1,2-Dichlorobenzene       | 8.057  | 146  | 496999   | 43.812  | ng    | 99       |
| 15) Benzyl Alcohol            | 7.951  | 79   | 428613   | 50.248  | ng    | 97       |
| 16) 2,2'-oxybis(1-Chloropr... | 8.228  | 45   | 477120   | 41.405  | ng    | 100      |
| 17) 2-Methylphenol            | 8.157  | 107  | 422198   | 49.325  | ng    | 97       |
| 18) Hexachloroethane          | 8.775  | 117  | 190469   | 44.864  | ng    | 97       |
| 19) n-Nitroso-di-n-propyla... | 8.510  | 70   | 338619   | 41.497  | ng    | 94       |
| 20) 3+4-Methylphenols         | 8.481  | 107  | 575718   | 48.475  | ng    | 98       |
| 22) Acetophenone              | 8.528  | 105  | 713343   | 44.963  | ng    | # 98     |
| 24) Nitrobenzene              | 8.898  | 77   | 505011   | 45.412  | ng    | 99       |
| 25) Isophorone                | 9.422  | 82   | 993352   | 48.819  | ng    | 97       |
| 26) 2-Nitrophenol             | 9.604  | 139  | 276980   | 50.896  | ng    | 96       |
| 27) 2,4-Dimethylphenol        | 9.669  | 122  | 482496   | 70.610  | ng    | 98       |
| 28) bis(2-Chloroethoxy)met... | 9.898  | 93   | 588031   | 42.780  | ng    | 99       |
| 29) 2,4-Dichlorophenol        | 10.145 | 162  | 490656   | 52.662  | ng    | 99       |
| 30) 1,2,4-Trichlorobenzene    | 10.351 | 180  | 466993   | 46.781  | ng    | 98       |
| 31) Naphthalene               | 10.533 | 128  | 1485996  | 44.010  | ng    | 99       |
| 32) Benzoic acid              | 9.845  | 122  | 476683m  | 59.868  | ng    |          |
| 33) 4-Chloroaniline           | 10.651 | 127  | 82069    | 6.902   | ng    | 97       |
| 34) Hexachlorobutadiene       | 10.816 | 225  | 296159   | 50.487  | ng    | 100      |
| 35) Caprolactam               | 11.457 | 113  | 148999m  | 43.341  | ng    |          |
| 36) 4-Chloro-3-methylphenol   | 11.780 | 107  | 580849   | 53.523  | ng    | 99       |
| 37) 2-Methylnaphthalene       | 12.139 | 142  | 967846   | 41.331  | ng    | 97       |
| 38) 1-Methylnaphthalene       | 12.369 | 142  | 1025195  | 44.753  | ng    | 98       |
| 40) 1,2,4,5-Tetrachloroben... | 12.516 | 216  | 546119   | 47.618  | ng    | 99       |
| 41) Hexachlorocyclopentadiene | 12.492 | 237  | 749587   | 184.802 | ng    | 99       |
| 43) 2,4,6-Trichlorophenol     | 12.763 | 196  | 410687   | 53.861  | ng    | 96       |

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

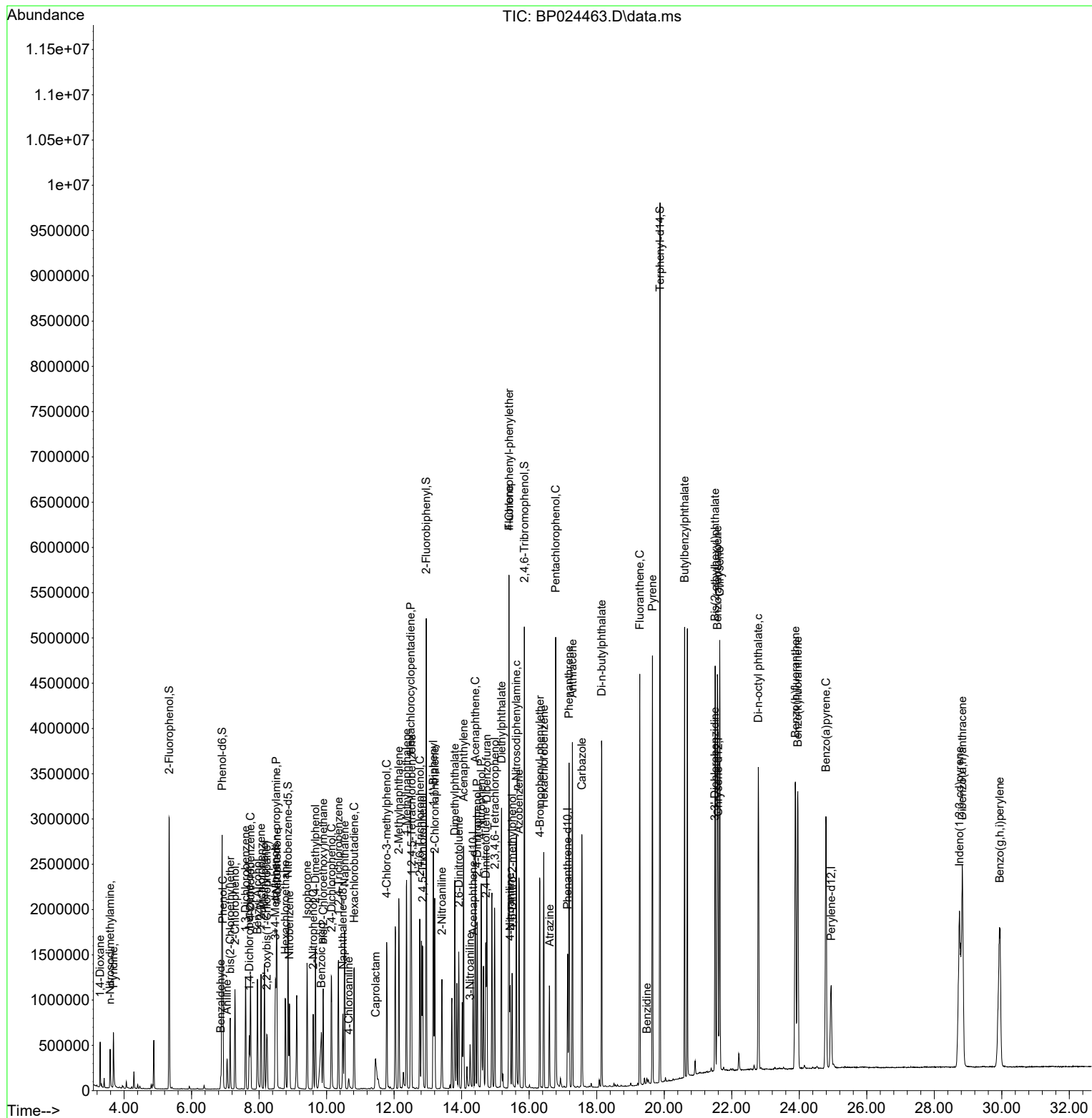
| Compound                      | R.T.   | QIon | Response | Conc    | Units | Dev(Min) |
|-------------------------------|--------|------|----------|---------|-------|----------|
| 44) 2,4,5-Trichlorophenol     | 12.845 | 196  | 458737   | 54.329  | ng    | 99       |
| 46) 1,1'-Biphenyl             | 13.163 | 154  | 1410427  | 46.010  | ng    | 98       |
| 47) 2-Chloronaphthalene       | 13.204 | 162  | 1064510  | 46.463  | ng    | 98       |
| 48) 2-Nitroaniline            | 13.416 | 65   | 346714   | 53.950  | ng    | 96       |
| 49) Acenaphthylene            | 14.057 | 152  | 1835253  | 50.878  | ng    | 100      |
| 50) Dimethylphthalate         | 13.798 | 163  | 1527155  | 50.355  | ng    | 100      |
| 51) 2,6-Dinitrotoluene        | 13.916 | 165  | 334868   | 51.997  | ng    | 95       |
| 52) Acenaphthene              | 14.404 | 154  | 1060509  | 46.375  | ng    | 98       |
| 53) 3-Nitroaniline            | 14.251 | 138  | 126924   | 18.752  | ng    | 97       |
| 54) 2,4-Dinitrophenol         | 14.463 | 184  | 408027   | 107.559 | ng    | 90       |
| 55) Dibenzofuran              | 14.745 | 168  | 1704788  | 45.607  | ng    | 97       |
| 56) 4-Nitrophenol             | 14.580 | 139  | 658821   | 112.701 | ng    | 92       |
| 57) 2,4-Dinitrotoluene        | 14.716 | 165  | 488406   | 55.595  | ng    | 98       |
| 58) Fluorene                  | 15.404 | 166  | 1419218  | 49.046  | ng    | 100      |
| 59) 2,3,4,6-Tetrachlorophenol | 14.980 | 232  | 425921   | 54.692  | ng    | 99       |
| 60) Diethylphthalate          | 15.180 | 149  | 1581796  | 50.612  | ng    | 100      |
| 61) 4-Chlorophenyl-phenyle... | 15.404 | 204  | 703059   | 50.034  | ng    | 99       |
| 62) 4-Nitroaniline            | 15.439 | 138  | 322268   | 44.976  | ng    | 91       |
| 63) Azobenzene                | 15.698 | 77   | 1286506  | 44.786  | ng    | 96       |
| 65) 4,6-Dinitro-2-methylph... | 15.498 | 198  | 279414   | 51.878  | ng    | 94       |
| 66) n-Nitrosodiphenylamine    | 15.621 | 169  | 1119056  | 43.887  | ng    | 100      |
| 67) 4-Bromophenyl-phenylether | 16.316 | 248  | 475695   | 50.913  | ng    | 99       |
| 68) Hexachlorobenzene         | 16.433 | 284  | 588681   | 53.023  | ng    | 99       |
| 69) Atrazine                  | 16.604 | 200  | 224875   | 34.627  | ng    | 99       |
| 70) Pentachlorophenol         | 16.786 | 266  | 851378   | 109.922 | ng    | 99       |
| 71) Phenanthrene              | 17.180 | 178  | 2233026  | 47.915  | ng    | 100      |
| 72) Anthracene                | 17.280 | 178  | 2239269  | 49.854  | ng    | 99       |
| 73) Carbazole                 | 17.562 | 167  | 2004400  | 45.671  | ng    | 99       |
| 74) Di-n-butylphthalate       | 18.145 | 149  | 2862676  | 52.356  | ng    | 99       |
| 75) Fluoranthene              | 19.274 | 202  | 2704191  | 48.788  | ng    | 97       |
| 77) Benzidine                 | 19.486 | 184  | 59652    | 4.964   | ng    | 95       |
| 78) Pyrene                    | 19.651 | 202  | 2782654  | 46.183  | ng    | 99       |
| 80) Butylbenzylphthalate      | 20.604 | 149  | 1337546  | 51.827  | ng    | 96       |
| 81) Benzo(a)anthracene        | 21.574 | 228  | 2864040  | 48.600  | ng    | 100      |
| 82) 3,3'-Dichlorobenzidine    | 21.498 | 252  | 179894   | 8.697   | ng    | 99       |
| 83) Chrysene                  | 21.645 | 228  | 2680814  | 47.483  | ng    | 100      |
| 84) Bis(2-ethylhexyl)phtha... | 21.509 | 149  | 1974581  | 52.192  | ng    | 99       |
| 85) Di-n-octyl phthalate      | 22.786 | 149  | 3334131  | 54.208  | ng    | 100      |
| 87) Indeno(1,2,3-cd)pyrene    | 28.744 | 276  | 3981408m | 56.780  | ng    |          |
| 88) Benzo(b)fluoranthene      | 23.886 | 252  | 3167956  | 52.327  | ng    | # 98     |
| 89) Benzo(k)fluoranthene      | 23.956 | 252  | 3018588  | 51.618  | ng    | # 97     |
| 90) Benzo(a)pyrene            | 24.792 | 252  | 2828702  | 54.166  | ng    | # 97     |
| 91) Dibenzo(a,h)anthracene    | 28.827 | 278  | 3284486  | 56.433  | ng    | 97       |
| 92) Benzo(g,h,i)perylene      | 29.938 | 276  | 3152649  | 53.218  | ng    | 96       |

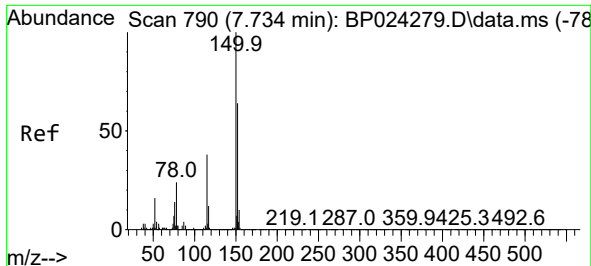
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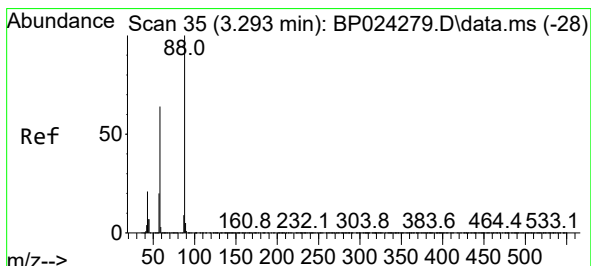
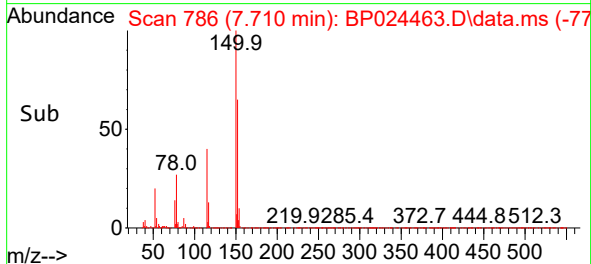
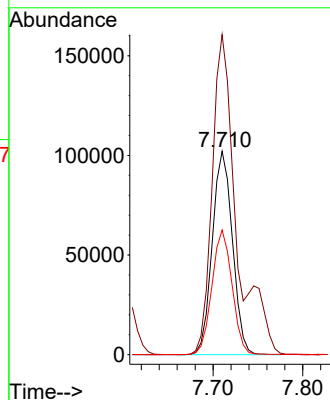
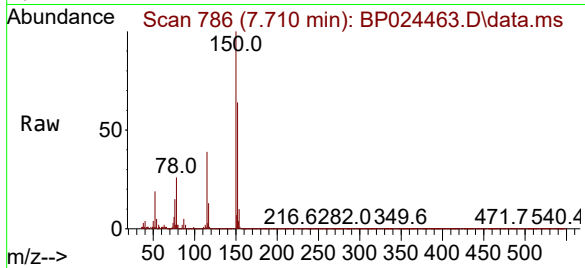




#1  
 1,4-Dichlorobenzene-d4  
 Concen: 20.000 ng  
 RT: 7.710 min Scan# 71  
 Delta R.T. -0.012 min  
 Lab File: BP024463.D  
 Acq: 29 Apr 2025 17:22

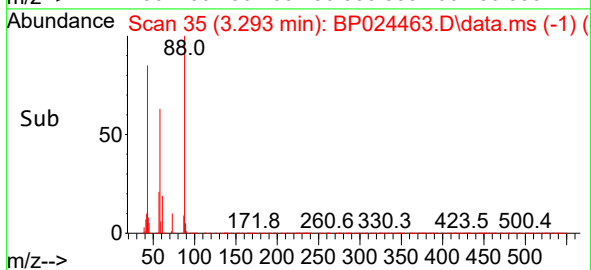
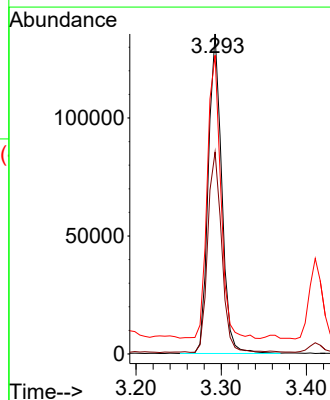
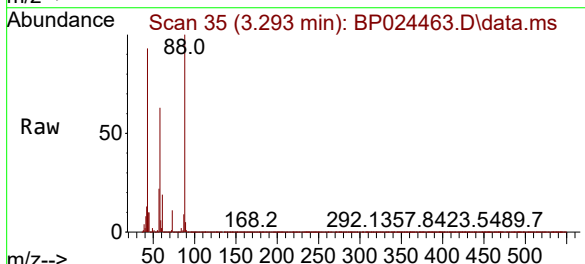
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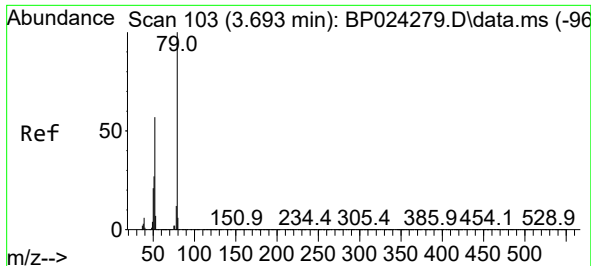
Tgt Ion:152 Resp: 159274  
 Ion Ratio Lower Upper  
 152 100  
 150 157.4 124.9 187.3  
 115 61.3 47.7 71.5



#2  
 1,4-Dioxane  
 Concen: 36.354 ng  
 RT: 3.293 min Scan# 35  
 Delta R.T. 0.006 min  
 Lab File: BP024463.D  
 Acq: 29 Apr 2025 17:22

Tgt Ion: 88 Resp: 148124  
 Ion Ratio Lower Upper  
 88 100  
 58 64.8 51.4 77.2  
 43 88.4 17.1 25.7#

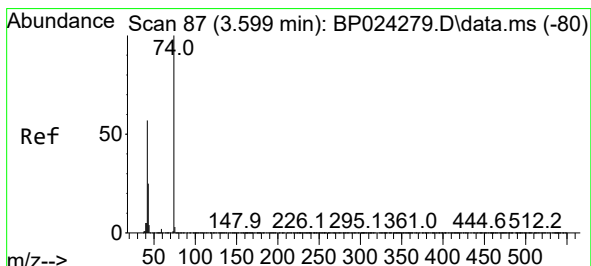
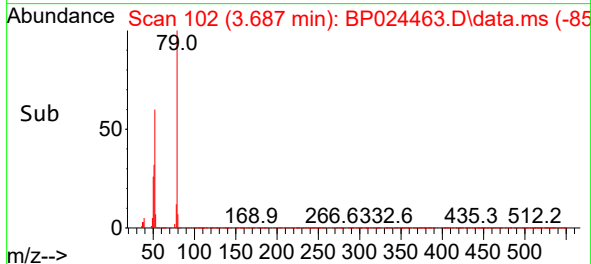
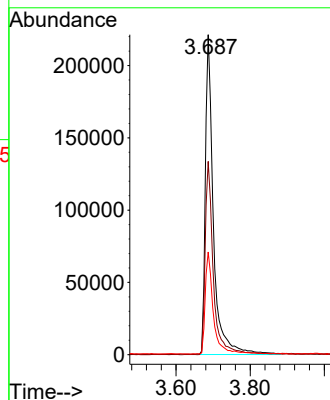
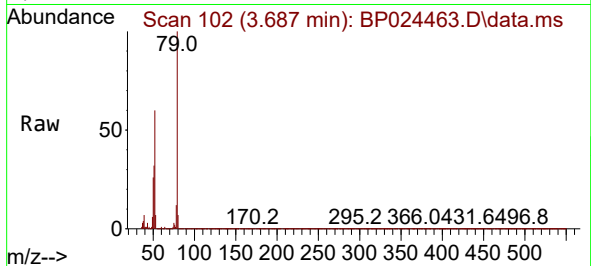




#3  
Pyridine  
Concen: 31.179 ng  
RT: 3.687 min Scan# 103  
Delta R.T. -0.000 min  
Lab File: BP024463.D  
Acq: 29 Apr 2025 17:22

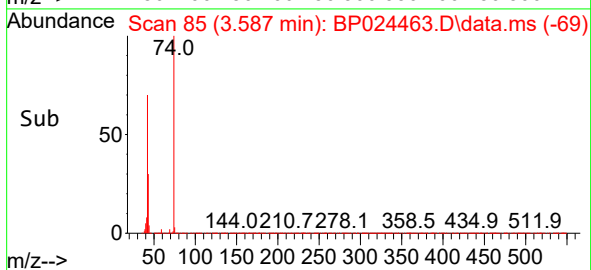
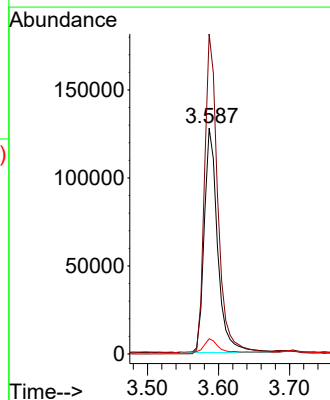
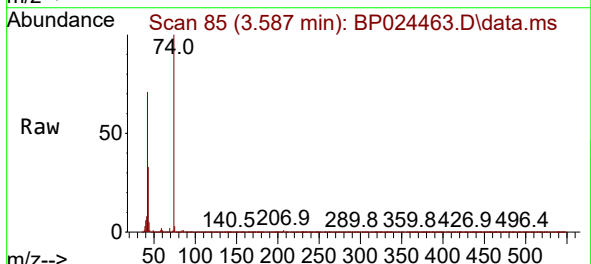
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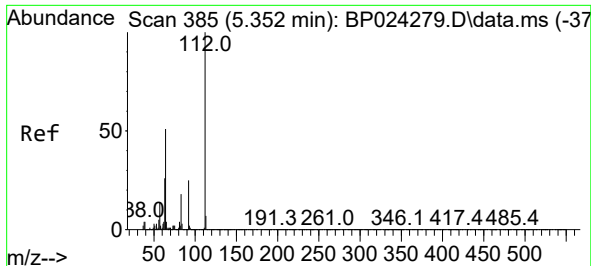
Tgt Ion: 79 Resp: 335449  
Ion Ratio Lower Upper  
79 100  
52 60.4 45.4 68.2  
51 32.1 22.6 33.8



#4  
n-Nitrosodimethylamine  
Concen: 46.951 ng  
RT: 3.587 min Scan# 85  
Delta R.T. -0.006 min  
Lab File: BP024463.D  
Acq: 29 Apr 2025 17:22

Tgt Ion: 42 Resp: 167648  
Ion Ratio Lower Upper  
42 100  
74 141.7 139.5 209.3  
44 6.8 5.8 8.8

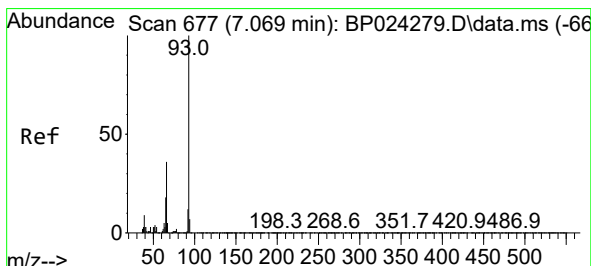
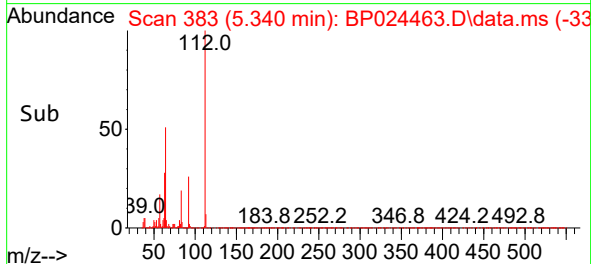
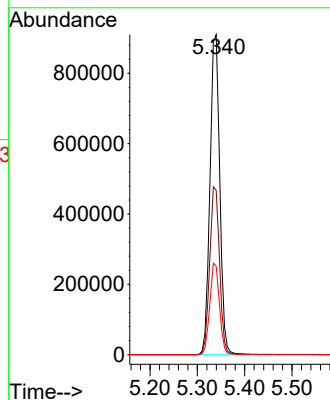
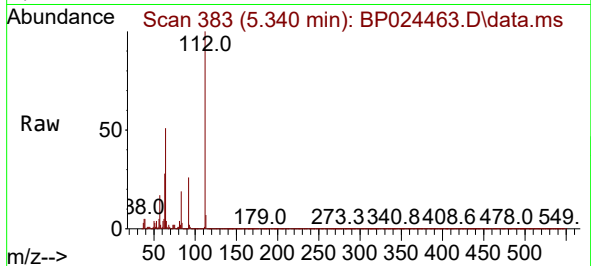




#5  
2-Fluorophenol  
Concen: 135.716 ng  
RT: 5.340 min Scan# 385  
Delta R.T. -0.006 min  
Lab File: BP024463.D  
Acq: 29 Apr 2025 17:22

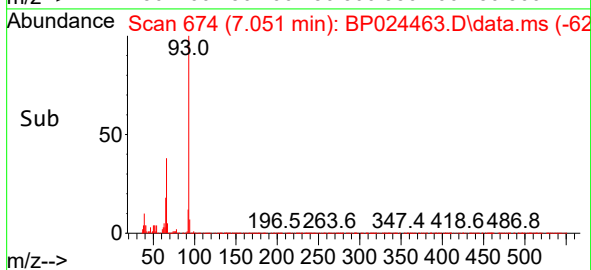
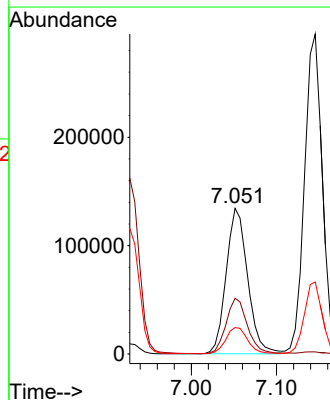
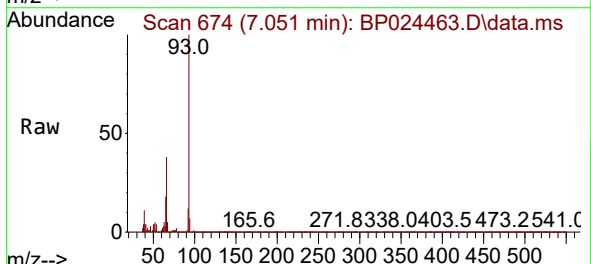
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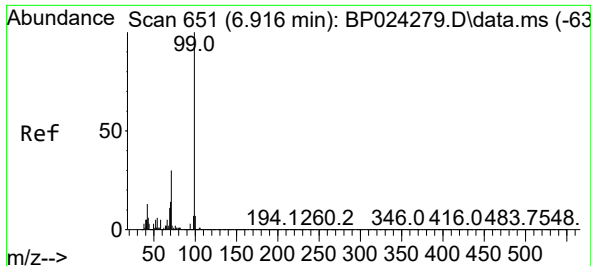
Tgt Ion:112 Resp: 1307321  
Ion Ratio Lower Upper  
112 100  
64 51.3 41.1 61.7  
63 27.7 20.6 30.8



#6  
Aniline  
Concen: 19.954 ng  
RT: 7.051 min Scan# 674  
Delta R.T. -0.012 min  
Lab File: BP024463.D  
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Tgt Ion: 93 Resp: 235189  
Ion Ratio Lower Upper  
93 100  
66 38.2 29.1 43.7  
65 18.2 14.7 22.1

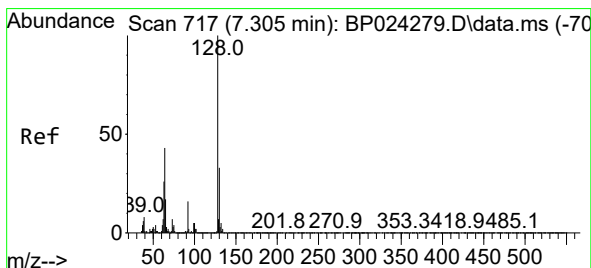
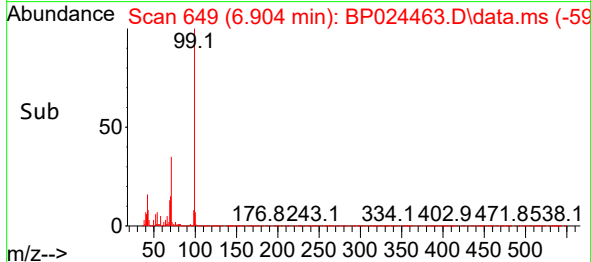
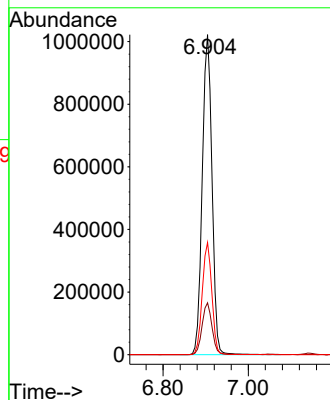
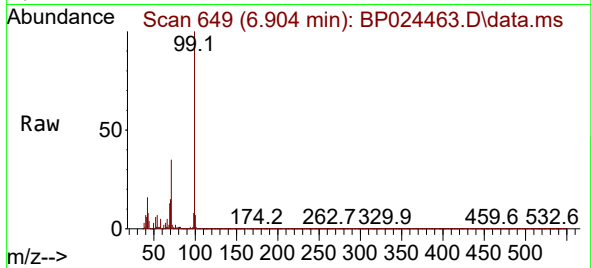




#7  
Phenol-d6  
Concen: 122.871 ng  
RT: 6.904 min Scan# 649  
Delta R.T. -0.006 min  
Lab File: BP024463.D  
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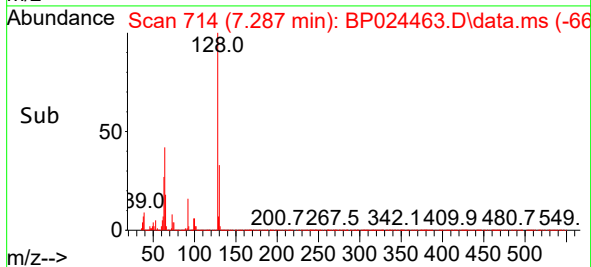
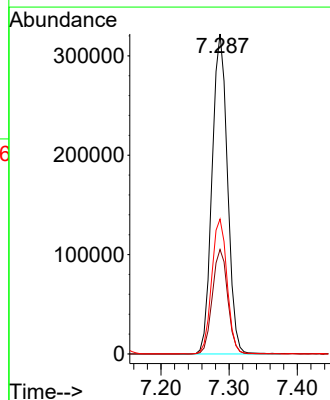
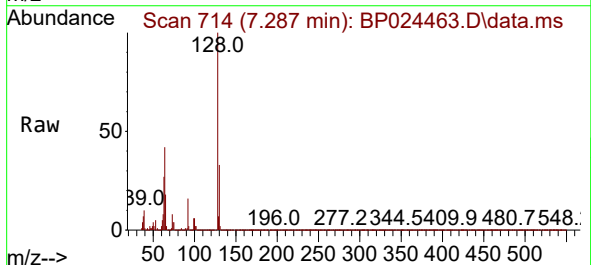
Instrument :  
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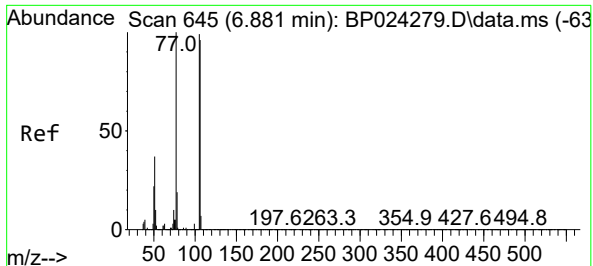
Tgt Ion: 99 Resp: 1620665  
Ion Ratio Lower Upper  
99 100  
42 16.2 10.6 16.0#  
71 35.1 23.7 35.5



#8  
2-Chlorophenol  
Concen: 47.109 ng  
RT: 7.287 min Scan# 714  
Delta R.T. -0.012 min  
Lab File: BP024463.D  
Acq: 29 Apr 2025 17:22

Tgt Ion:128 Resp: 506657  
Ion Ratio Lower Upper  
128 100  
130 32.7 12.9 52.9  
64 42.1 22.7 62.7

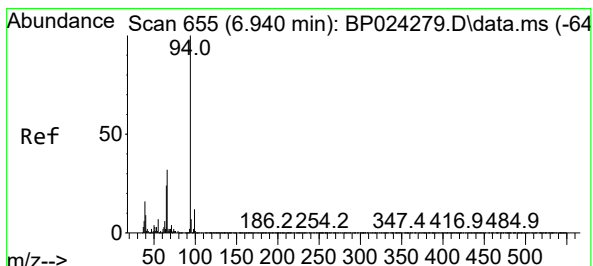
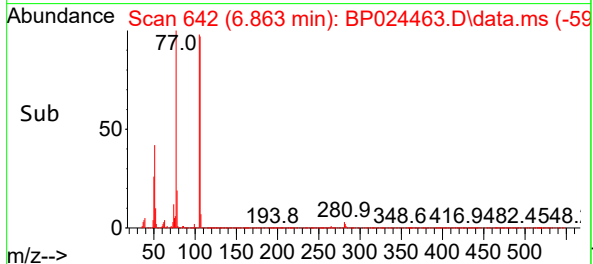
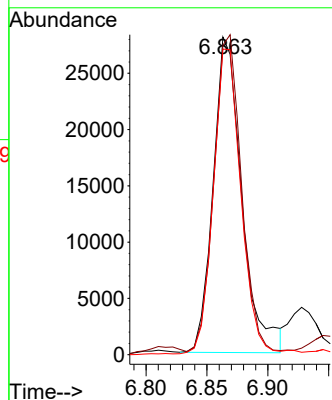
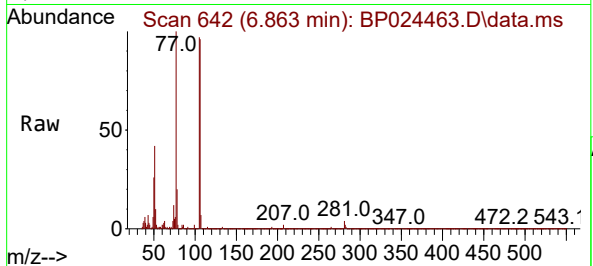




#9  
Benzaldehyde  
Concen: 7.028 ng  
RT: 6.863 min Scan# 642  
Delta R.T. -0.018 min  
Lab File: BP024463.D  
Acq: 29 Apr 2025 17:22

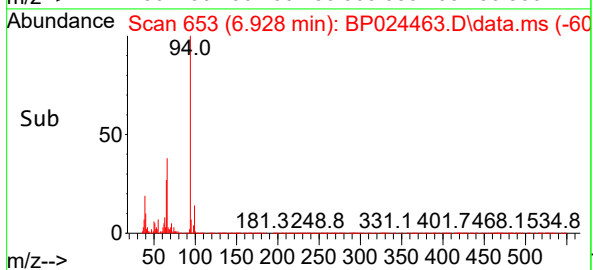
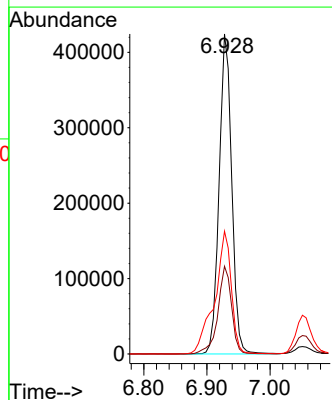
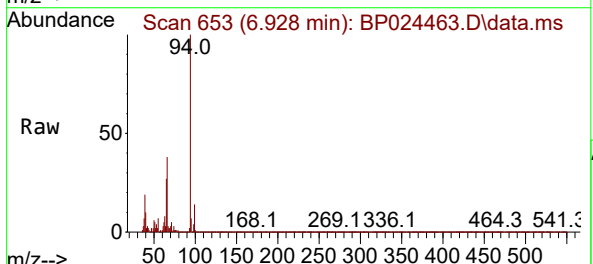
Instrument :  
BNA\_P  
ClientSampleId :  
MH-AMS

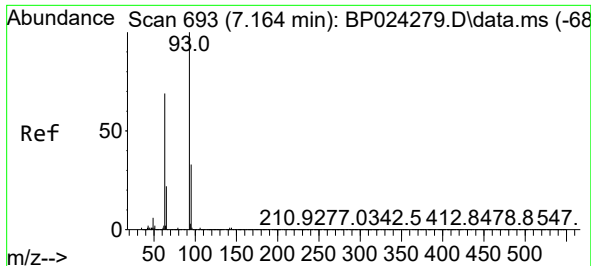
Tgt Ion: 77 Resp: 45857  
Ion Ratio Lower Upper  
77 100  
105 97.4 79.2 119.2  
106 96.2 76.2 116.2



#10  
Phenol  
Concen: 44.302 ng  
RT: 6.928 min Scan# 653  
Delta R.T. -0.012 min  
Lab File: BP024463.D  
Acq: 29 Apr 2025 17:22

Tgt Ion: 94 Resp: 586183  
Ion Ratio Lower Upper  
94 100  
65 27.4 4.5 44.5  
66 38.3 12.4 52.4

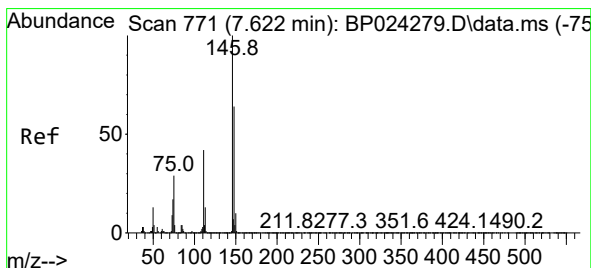
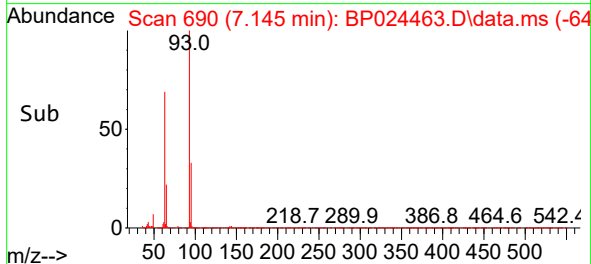
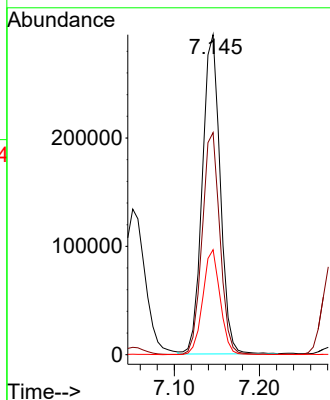
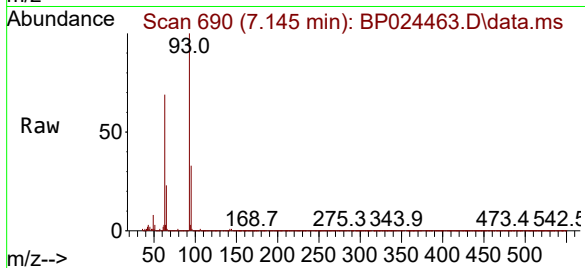




#11  
bis(2-Chloroethyl)ether  
Concen: 40.183 ng  
RT: 7.145 min Scan# 61  
Delta R.T. -0.012 min  
Lab File: BP024463.D  
Acq: 29 Apr 2025 17:22

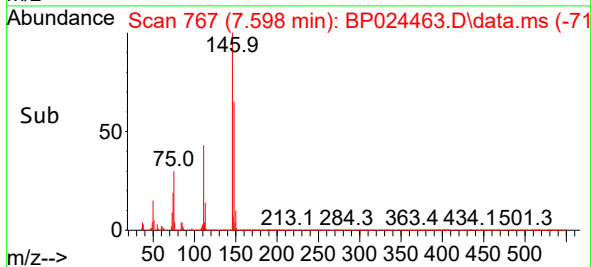
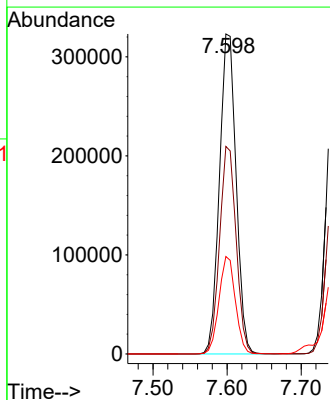
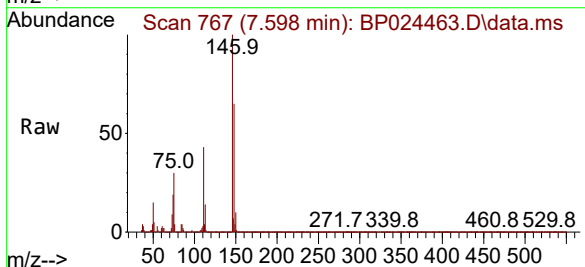
Instrument :  
BNA\_P  
ClientSampleId :  
MH-AMS

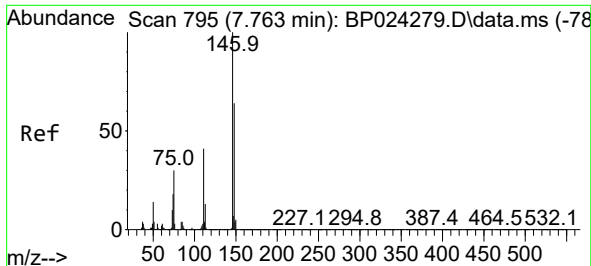
Tgt Ion: 93 Resp: 428386  
Ion Ratio Lower Upper  
93 100  
63 69.4 48.6 88.6  
95 32.8 12.3 52.3



#12  
1,3-Dichlorobenzene  
Concen: 43.596 ng  
RT: 7.598 min Scan# 767  
Delta R.T. -0.018 min  
Lab File: BP024463.D  
Acq: 29 Apr 2025 17:22

Tgt Ion: 146 Resp: 504772  
Ion Ratio Lower Upper  
146 100  
148 64.9 51.4 77.0  
75 30.4 22.9 34.3





#13

1,4-Dichlorobenzene

Concen: 43.901 ng

RT: 7.745 min Scan# 795

Delta R.T. -0.012 min

Lab File: BP024463.D

Acq: 29 Apr 2025 17:22

Instrument :

BNA\_P

ClientSampleId :

MH-AMS

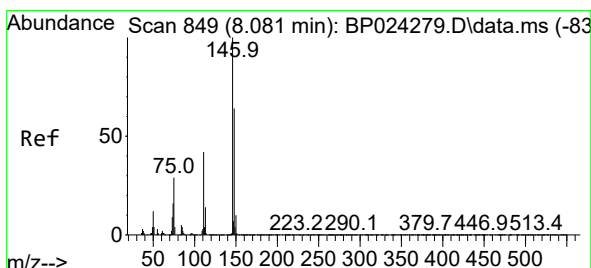
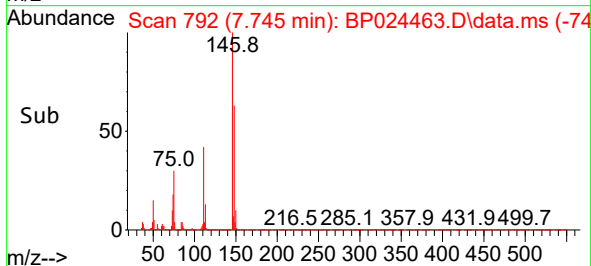
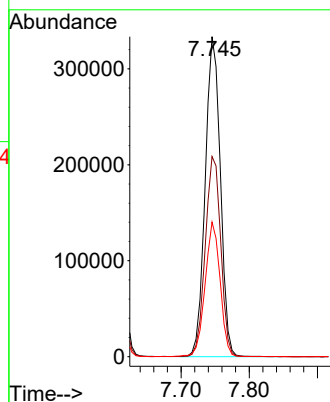
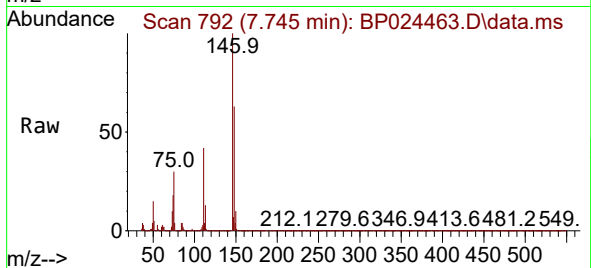
Tgt Ion:146 Resp: 515736

Ion Ratio Lower Upper

146 100

148 62.6 51.1 76.7

111 42.0 32.6 48.8



#14

1,2-Dichlorobenzene

Concen: 43.812 ng

RT: 8.057 min Scan# 845

Delta R.T. -0.018 min

Lab File: BP024463.D

Acq: 29 Apr 2025 17:22

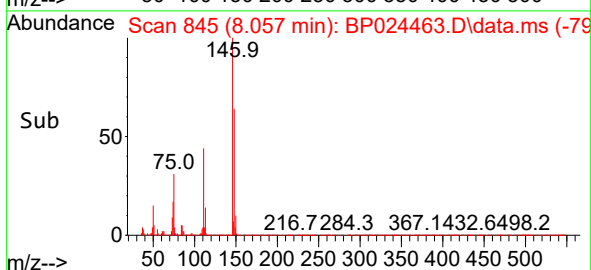
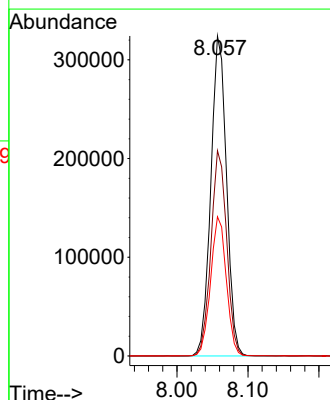
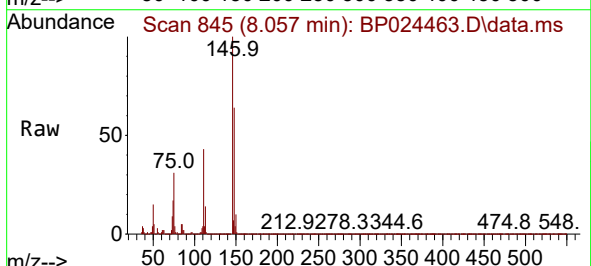
Tgt Ion:146 Resp: 496999

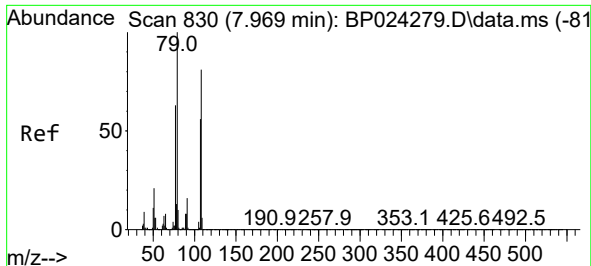
Ion Ratio Lower Upper

146 100

148 64.1 51.0 76.4

111 43.5 33.8 50.8

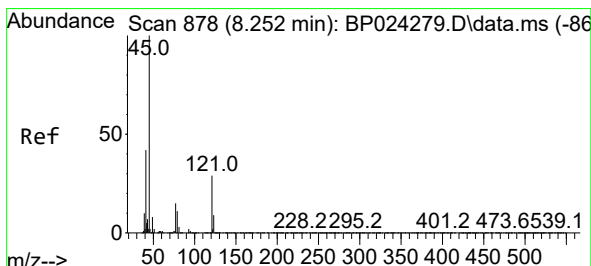
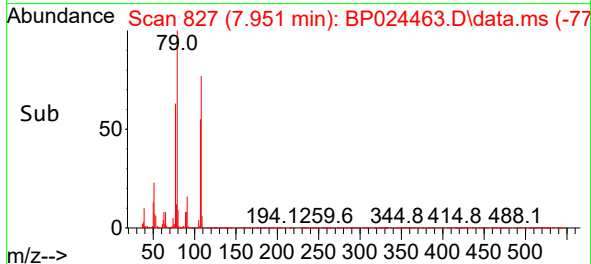
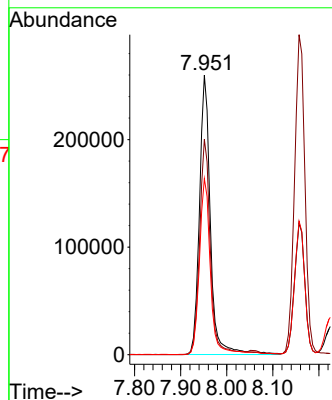
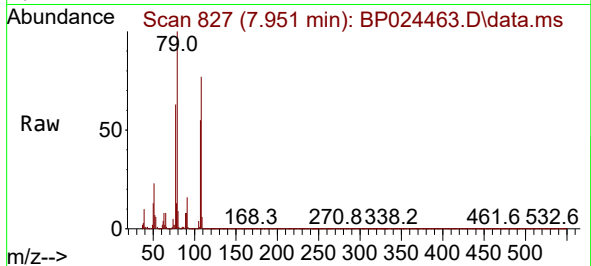




#15  
Benzyl Alcohol  
Concen: 50.248 ng  
RT: 7.951 min Scan# 81  
Delta R.T. -0.012 min  
Lab File: BP024463.D  
Acq: 29 Apr 2025 17:22

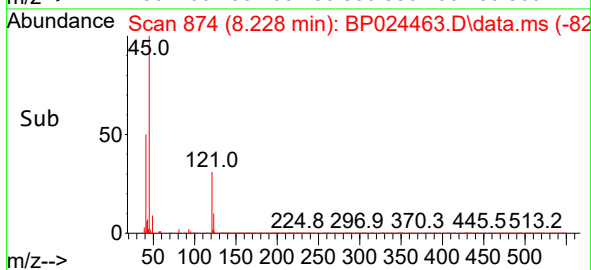
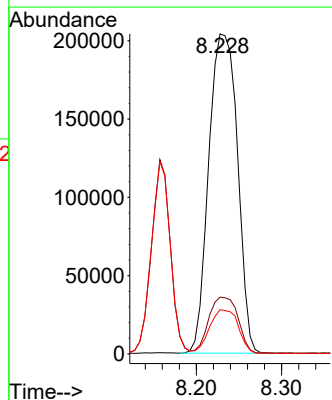
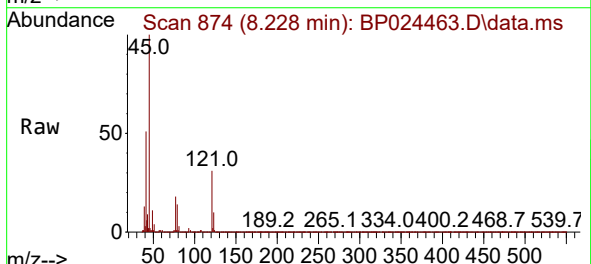
Instrument :  
BNA\_P  
ClientSampleId :  
MH-AMS

Tgt Ion: 79 Resp: 428613  
Ion Ratio Lower Upper  
79 100  
108 77.0 65.1 97.7  
77 63.0 50.7 76.1



#16  
2,2'-oxybis(1-Chloropropane)  
Concen: 41.405 ng  
RT: 8.228 min Scan# 874  
Delta R.T. -0.018 min  
Lab File: BP024463.D  
Acq: 29 Apr 2025 17:22

Tgt Ion: 45 Resp: 477120  
Ion Ratio Lower Upper  
45 100  
77 17.7 0.0 37.7  
79 13.9 0.0 33.5

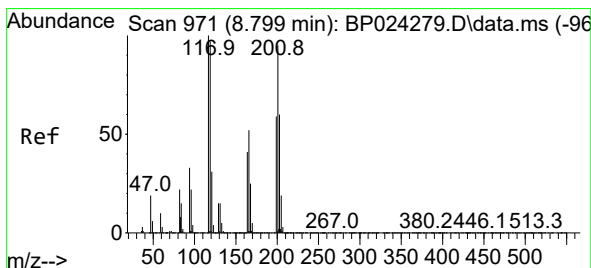
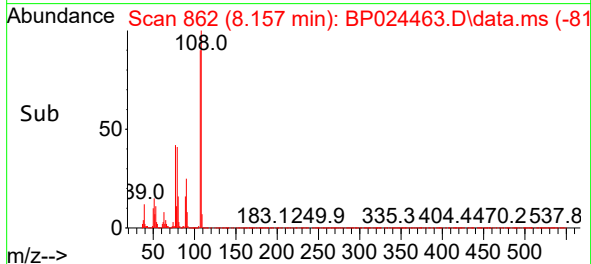
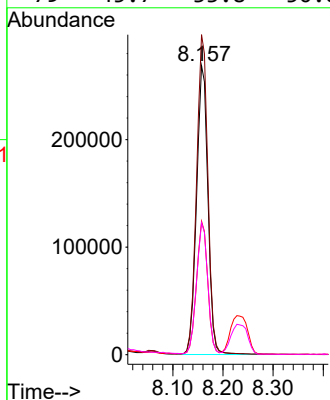
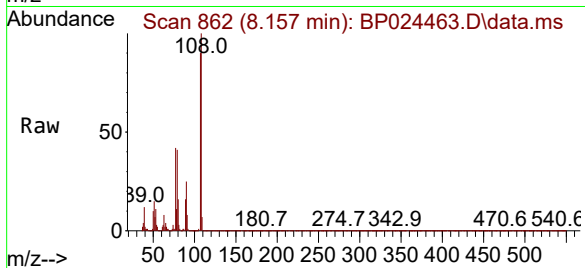




#17  
2-Methylphenol  
Concen: 49.325 ng  
RT: 8.157 min Scan# 80  
Delta R.T. -0.012 min  
Lab File: BP024463.D  
Acq: 29 Apr 2025 17:22

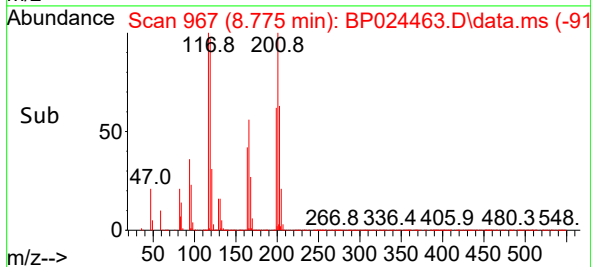
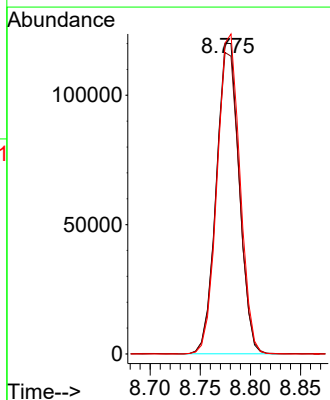
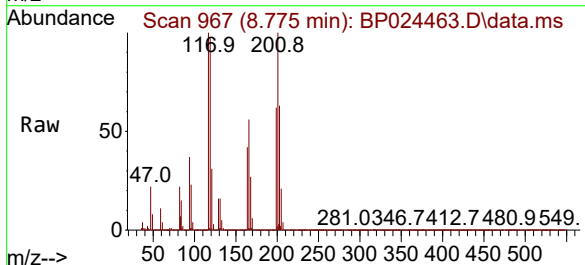
Instrument :  
BNA\_P  
ClientSampleId :  
MH-AMS

Tgt Ion:107 Resp: 422198  
Ion Ratio Lower Upper  
107 100  
108 110.8 89.8 134.6  
77 46.2 34.2 51.4  
79 45.7 33.8 50.8



#18  
Hexachloroethane  
Concen: 44.864 ng  
RT: 8.775 min Scan# 967  
Delta R.T. -0.018 min  
Lab File: BP024463.D  
Acq: 29 Apr 2025 17:22

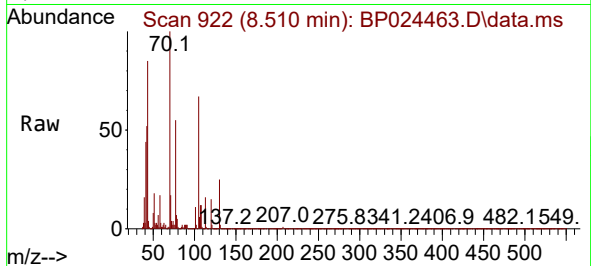
Tgt Ion:117 Resp: 190469  
Ion Ratio Lower Upper  
117 100  
119 97.0 77.8 116.6  
201 100.1 75.9 113.9



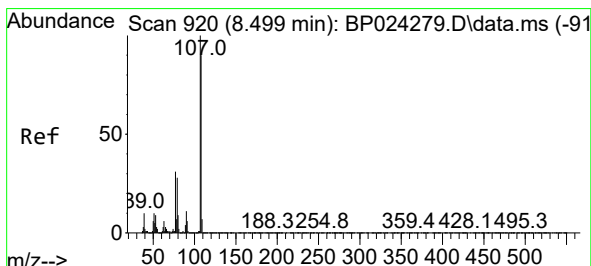
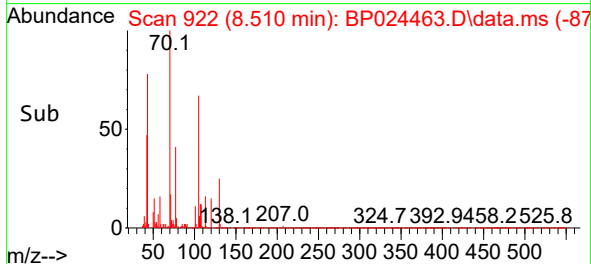
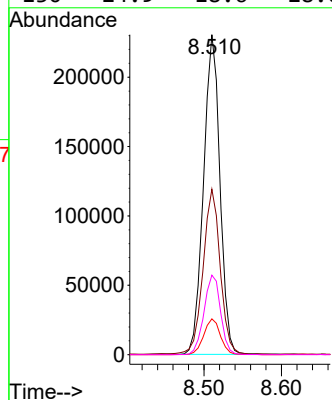


#19  
n-Nitroso-di-n-propylamine  
Concen: 41.497 ng  
RT: 8.510 min Scan# 917  
Delta R.T. -0.012 min  
Lab File: BP024463.D  
Acq: 29 Apr 2025 17:22

Instrument :  
BNA\_P  
ClientSampleId :  
MH-AMS

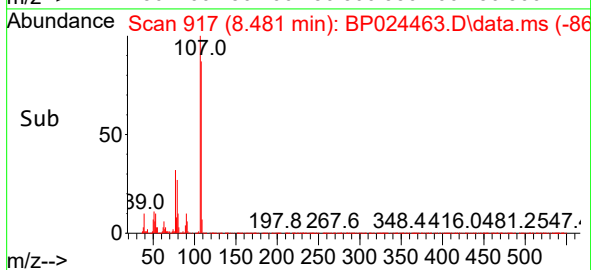
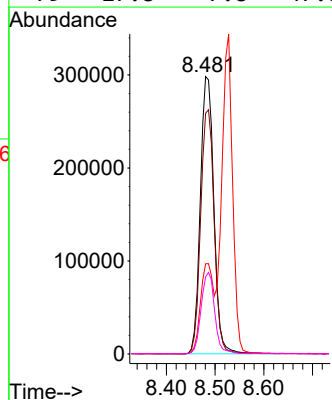
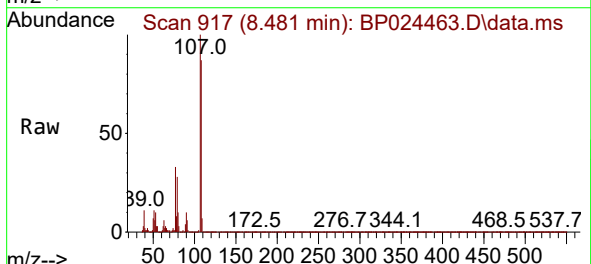


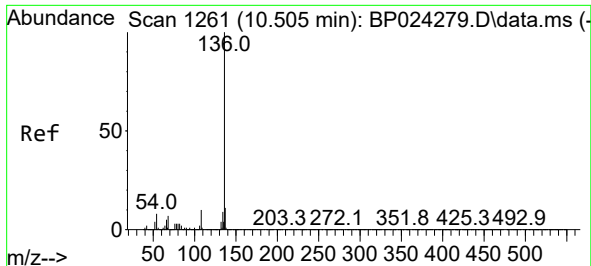
Tgt Ion: 70 Resp: 338619  
Ion Ratio Lower Upper  
70 100  
42 51.7 37.3 55.9  
101 11.2 8.2 12.4  
130 24.9 18.6 28.0



#20  
3+4-Methylphenols  
Concen: 48.475 ng  
RT: 8.481 min Scan# 917  
Delta R.T. -0.012 min  
Lab File: BP024463.D  
Acq: 29 Apr 2025 17:22

Tgt Ion: 107 Resp: 575718  
Ion Ratio Lower Upper  
107 100  
108 86.8 69.8 109.8  
77 32.5 11.5 51.5  
79 27.8 7.8 47.8

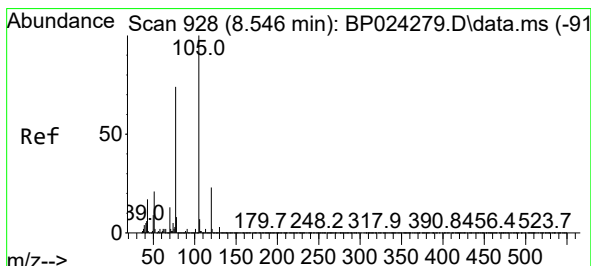
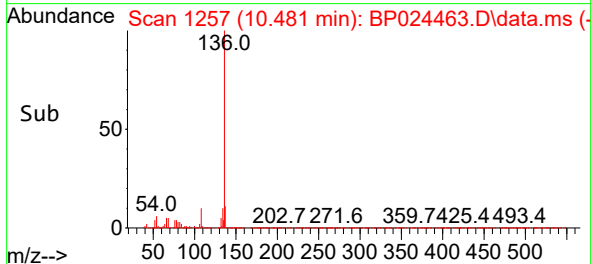
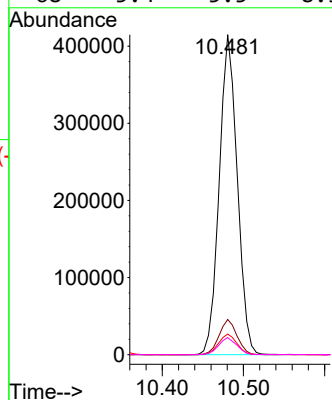
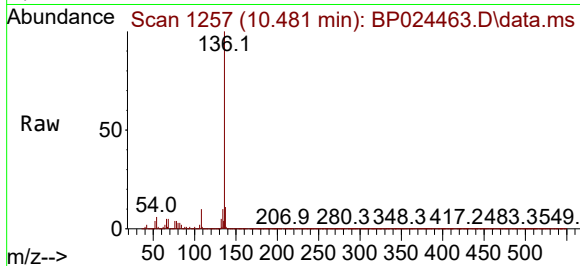




#21  
Naphthalene-d8  
Concen: 20.000 ng  
RT: 10.481 min Scan# 1  
Delta R.T. -0.018 min  
Lab File: BP024463.D  
Acq: 29 Apr 2025 17:22

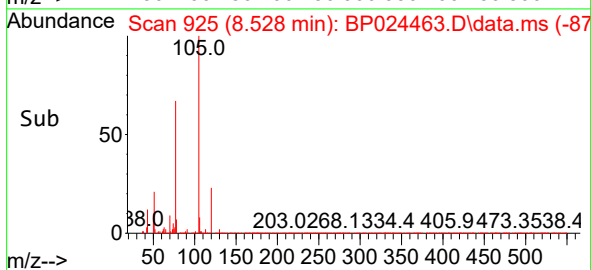
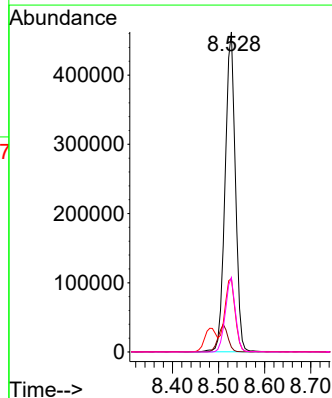
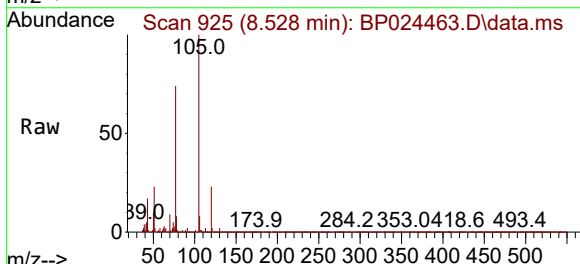
Instrument :  
BNA\_P  
ClientSampleId :  
MH-AMS

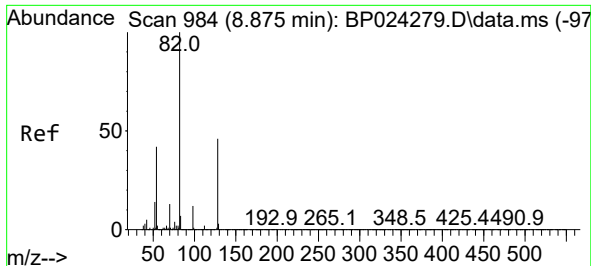
Tgt Ion:136 Resp: 640994  
Ion Ratio Lower Upper  
136 100  
137 11.0 9.2 13.8  
54 6.5 6.0 9.0  
68 5.4 5.5 8.3#



#22  
Acetophenone  
Concen: 44.963 ng  
RT: 8.528 min Scan# 925  
Delta R.T. -0.012 min  
Lab File: BP024463.D  
Acq: 29 Apr 2025 17:22

Tgt Ion:105 Resp: 713343  
Ion Ratio Lower Upper  
105 100  
71 1.5 1.7 2.5#  
51 22.9 16.9 25.3  
120 23.2 18.6 28.0

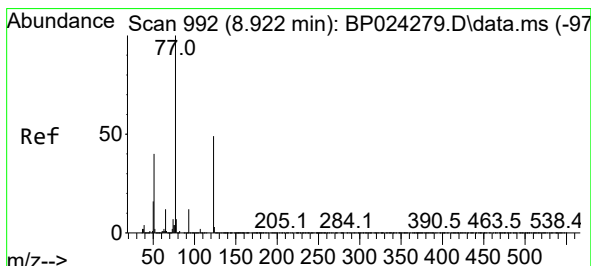
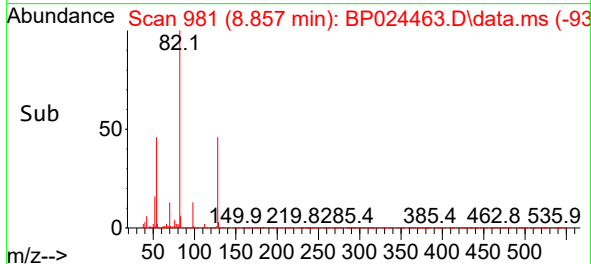
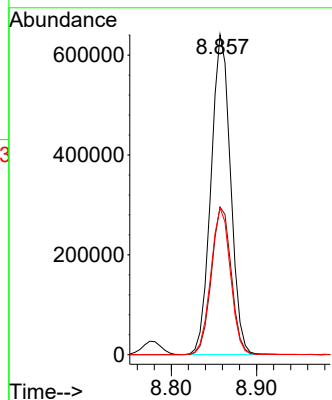
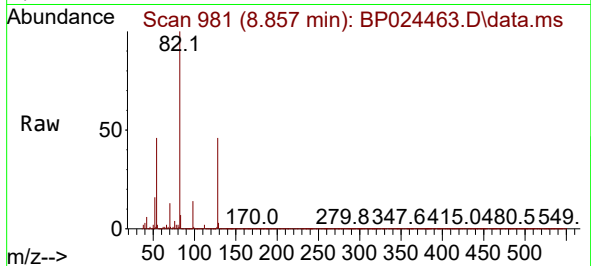




#23  
Nitrobenzene-d5  
Concen: 90.768 ng  
RT: 8.857 min Scan# 981  
Delta R.T. -0.012 min  
Lab File: BP024463.D  
Acq: 29 Apr 2025 17:22

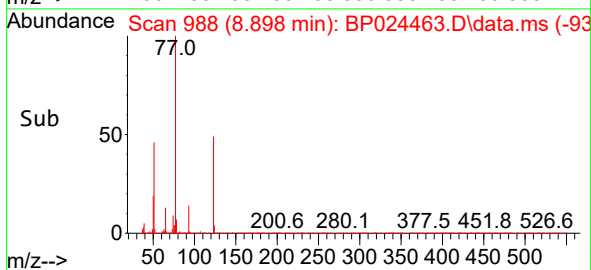
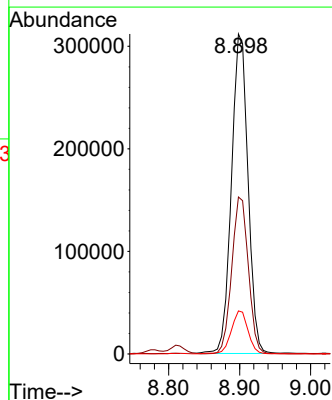
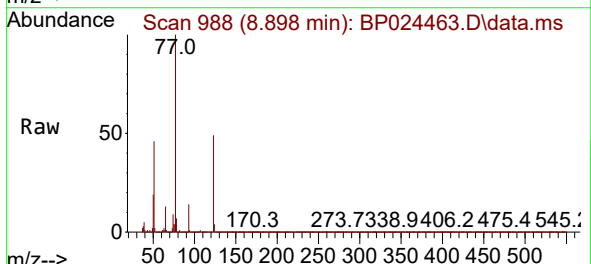
Instrument :  
BNA\_P  
ClientSampleId :  
MH-AMS

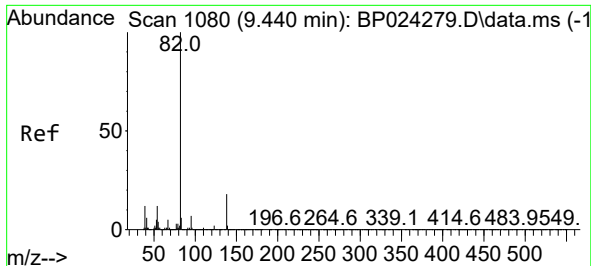
Tgt Ion: 82 Resp: 1020350  
Ion Ratio Lower Upper  
82 100  
128 46.2 36.5 54.7  
54 45.9 33.4 50.2



#24  
Nitrobenzene  
Concen: 45.412 ng  
RT: 8.898 min Scan# 988  
Delta R.T. -0.012 min  
Lab File: BP024463.D  
Acq: 29 Apr 2025 17:22

Tgt Ion: 77 Resp: 505011  
Ion Ratio Lower Upper  
77 100  
123 49.1 39.2 58.8  
65 13.5 9.8 14.6

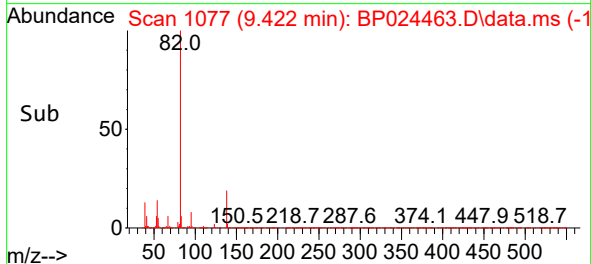
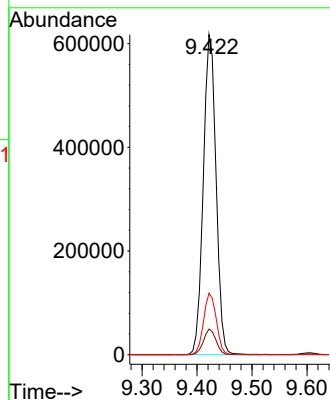
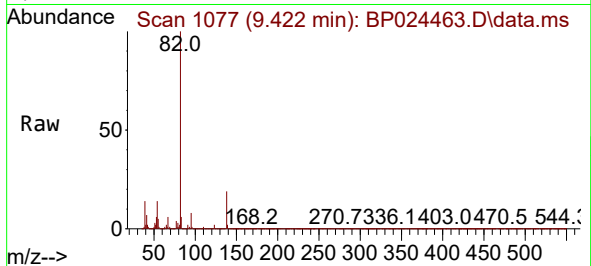




#25  
Isophorone  
Concen: 48.819 ng  
RT: 9.422 min Scan# 1107  
Delta R.T. -0.006 min  
Lab File: BP024463.D  
Acq: 29 Apr 2025 17:22

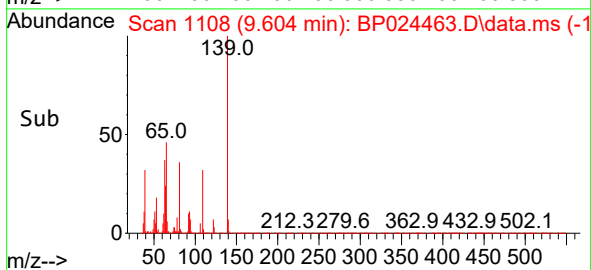
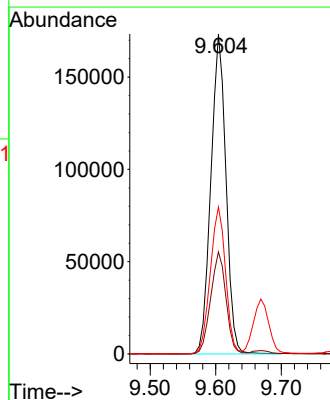
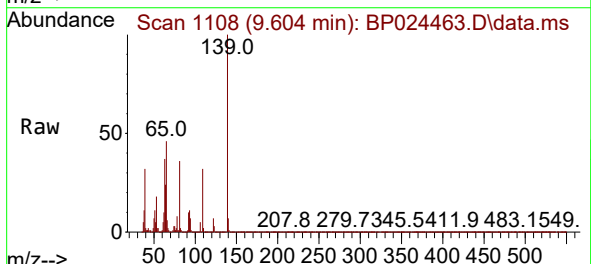
Instrument :  
BNA\_P  
ClientSampleId :  
MH-AMS

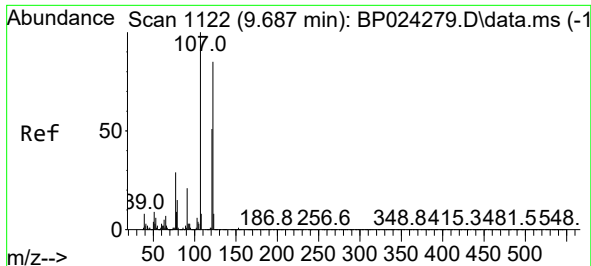
Tgt Ion: 82 Resp: 993352  
Ion Ratio Lower Upper  
82 100  
95 8.0 5.4 8.2  
138 19.2 14.4 21.6



#26  
2-Nitrophenol  
Concen: 50.896 ng  
RT: 9.604 min Scan# 1108  
Delta R.T. -0.012 min  
Lab File: BP024463.D  
Acq: 29 Apr 2025 17:22

Tgt Ion: 139 Resp: 276980  
Ion Ratio Lower Upper  
139 100  
109 31.9 21.8 32.6  
65 45.9 36.2 54.2





#27

2,4-Dimethylphenol

Concen: 70.610 ng

RT: 9.669 min Scan# 1119

Delta R.T. -0.012 min

Lab File: BP024463.D

Acq: 29 Apr 2025 17:22

Instrument :

BNA\_P

ClientSampleId :

MH-AMS

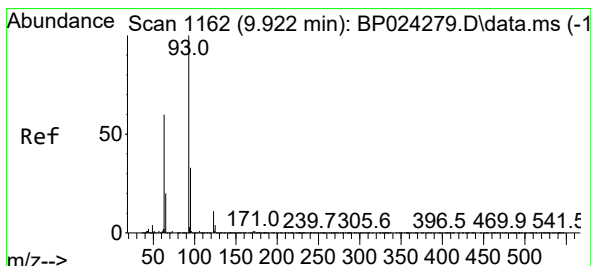
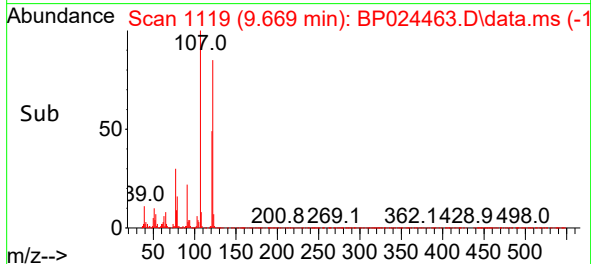
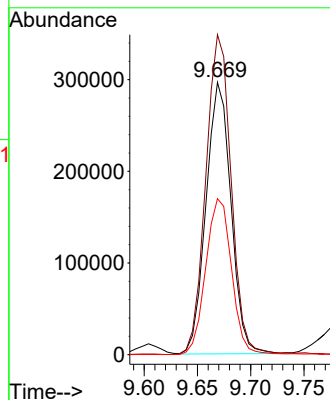
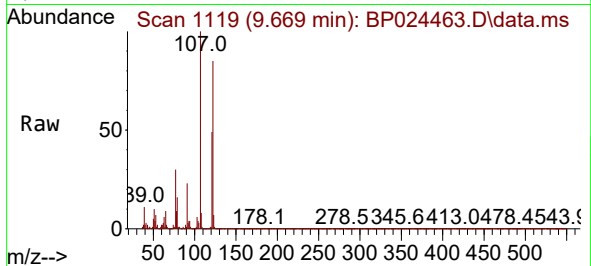
Tgt Ion:122 Resp: 482496

Ion Ratio Lower Upper

122 100

107 117.5 93.7 140.5

121 57.3 48.2 72.2



#28

bis(2-Chloroethoxy)methane

Concen: 42.780 ng

RT: 9.898 min Scan# 1158

Delta R.T. -0.012 min

Lab File: BP024463.D

Acq: 29 Apr 2025 17:22

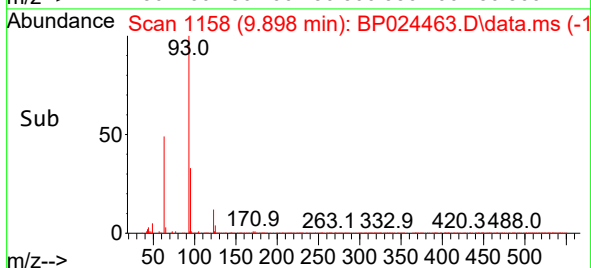
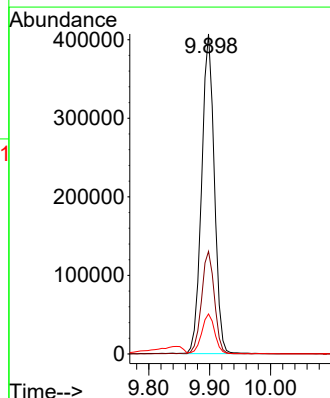
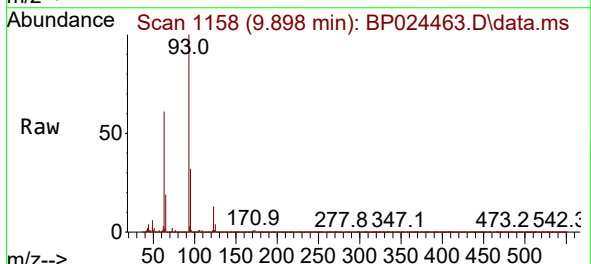
Tgt Ion: 93 Resp: 588031

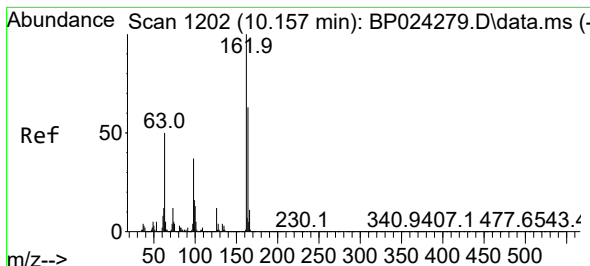
Ion Ratio Lower Upper

93 100

95 32.0 26.0 39.0

123 12.5 9.1 13.7





#29

2,4-Dichlorophenol

Concen: 52.662 ng

RT: 10.145 min Scan# 1200

Delta R.T. -0.006 min

Lab File: BP024463.D

Acq: 29 Apr 2025 17:22

Instrument :

BNA\_P

ClientSampleId :

MH-AMS

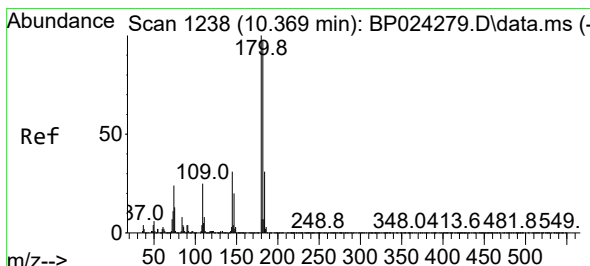
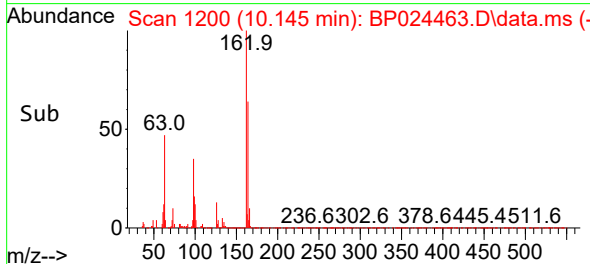
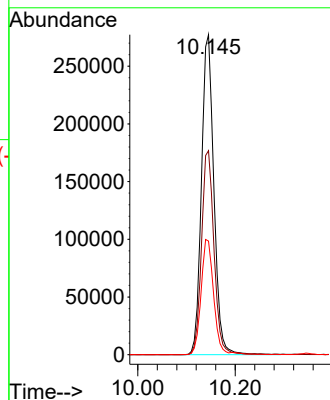
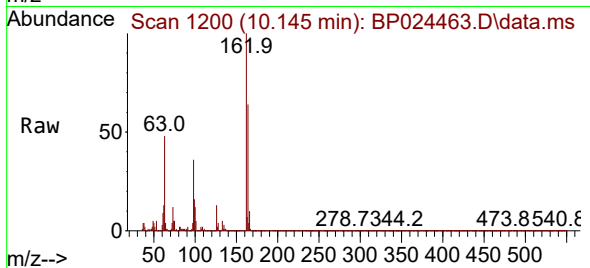
Tgt Ion:162 Resp: 490656

Ion Ratio Lower Upper

162 100

164 63.8 43.3 83.3

98 35.5 16.6 56.6



#30

1,2,4-Trichlorobenzene

Concen: 46.781 ng

RT: 10.351 min Scan# 1235

Delta R.T. -0.012 min

Lab File: BP024463.D

Acq: 29 Apr 2025 17:22

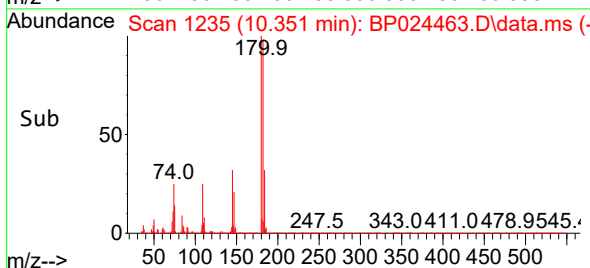
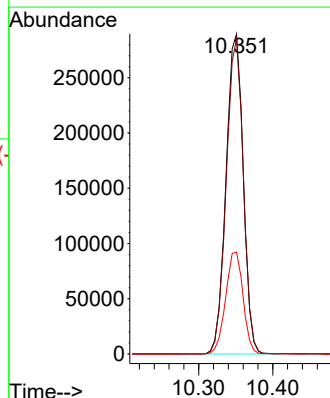
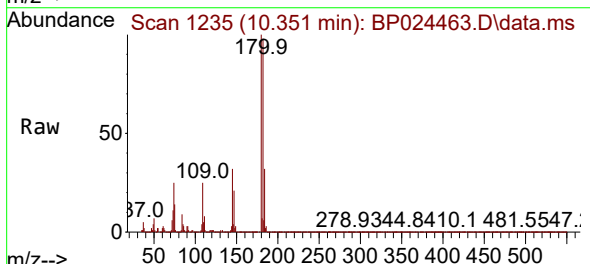
Tgt Ion:180 Resp: 466993

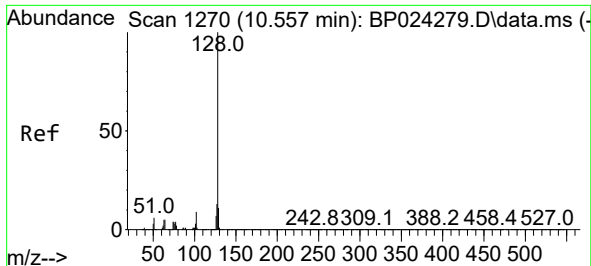
Ion Ratio Lower Upper

180 100

182 98.4 77.3 115.9

145 31.8 25.1 37.7

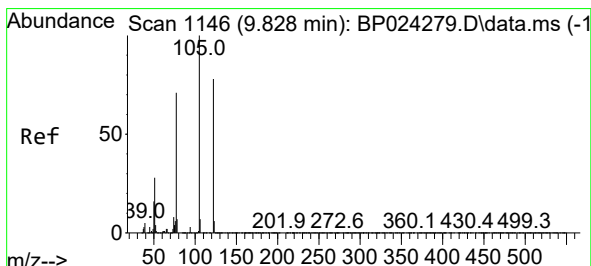
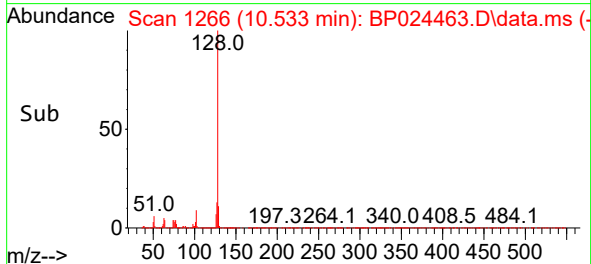
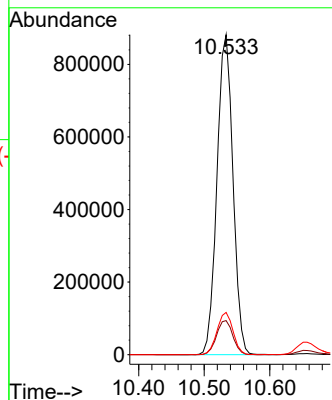
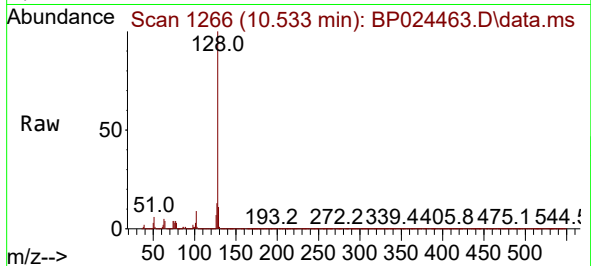




#31  
Naphthalene  
Concen: 44.010 ng  
RT: 10.533 min Scan# 1126  
Delta R.T. -0.012 min  
Lab File: BP024463.D  
Acq: 29 Apr 2025 17:22

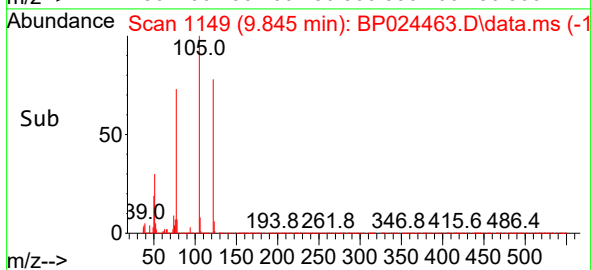
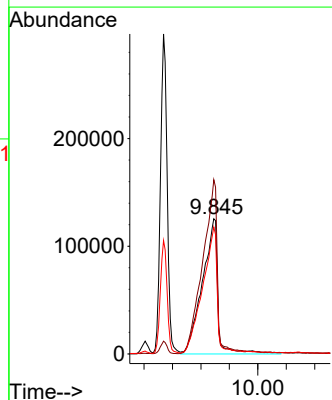
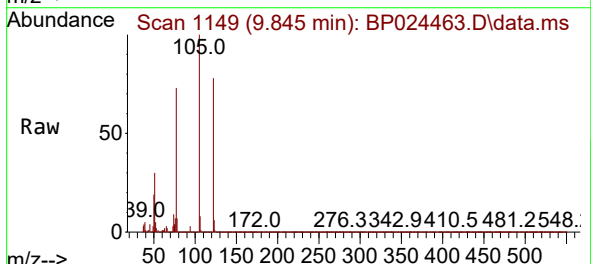
Instrument :  
BNA\_P  
ClientSampleId :  
MH-AMS

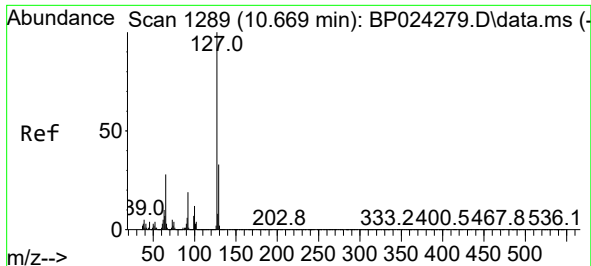
Tgt Ion:128 Resp: 1485996  
Ion Ratio Lower Upper  
128 100  
129 10.6 8.6 13.0  
127 13.2 10.3 15.5



#32  
Benzoic acid  
Concen: 59.868 ng m  
RT: 9.845 min Scan# 1149  
Delta R.T. 0.023 min  
Lab File: BP024463.D  
Acq: 29 Apr 2025 17:22

Tgt Ion:122 Resp: 476683  
Ion Ratio Lower Upper  
122 100  
105 128.9 104.8 144.8  
77 93.9 69.2 109.2

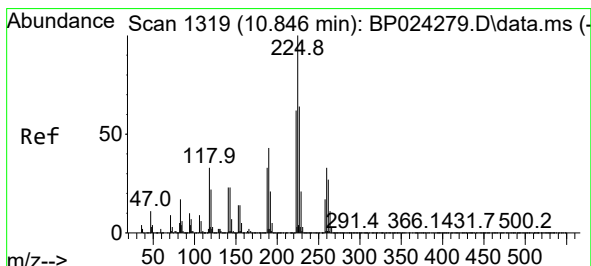
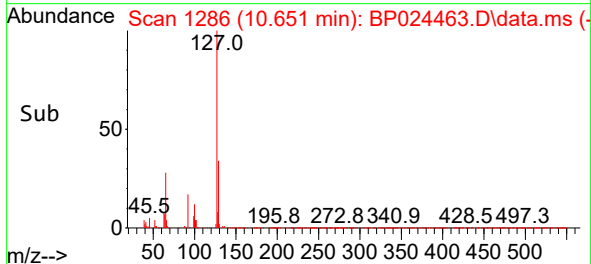
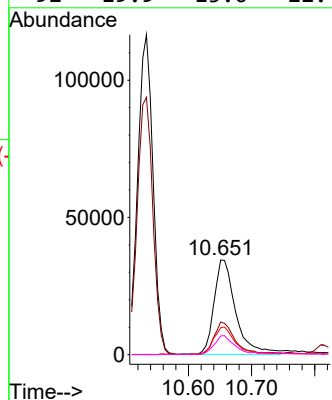
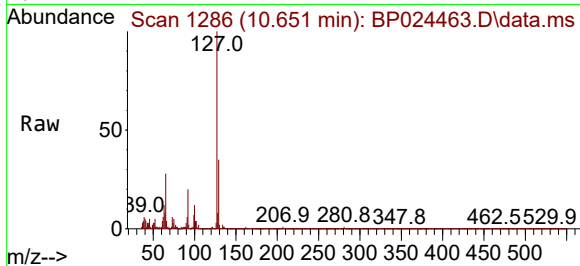




#33  
4-Chloroaniline  
Concen: 6.902 ng  
RT: 10.651 min Scan# 11  
Delta R.T. -0.012 min  
Lab File: BP024463.D  
Acq: 29 Apr 2025 17:22

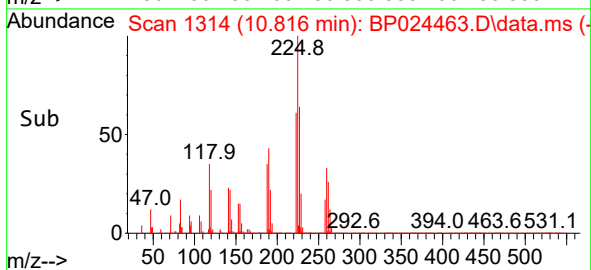
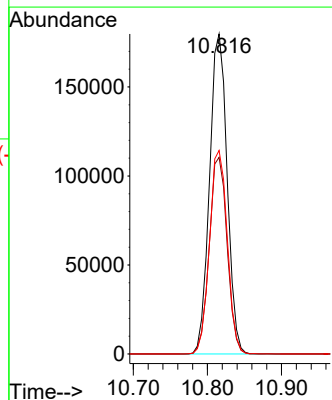
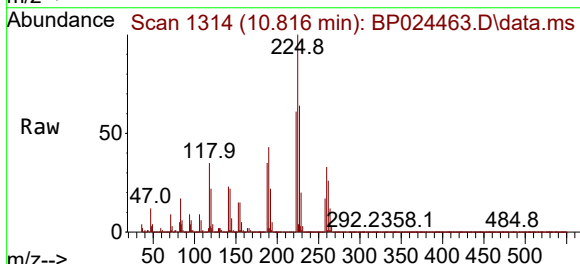
Instrument :  
BNA\_P  
ClientSampleId :  
MH-AMS

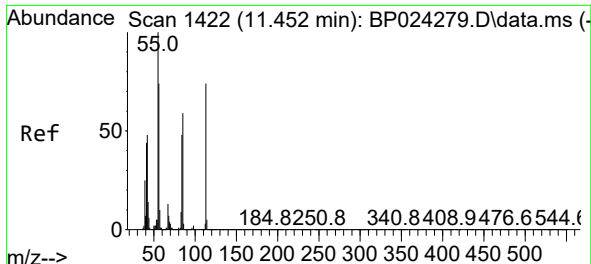
|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 127   | Resp: | 82069 |
| Ion      | Ratio | Lower | Upper |
| 127      | 100   |       |       |
| 129      | 34.5  | 26.1  | 39.1  |
| 65       | 28.4  | 22.1  | 33.1  |
| 92       | 19.9  | 15.0  | 22.4  |



#34  
Hexachlorobutadiene  
Concen: 50.487 ng  
RT: 10.816 min Scan# 1314  
Delta R.T. -0.012 min  
Lab File: BP024463.D  
Acq: 29 Apr 2025 17:22

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 225   | Resp: | 296159 |
| Ion      | Ratio | Lower | Upper  |
| 225      | 100   |       |        |
| 223      | 61.4  | 49.5  | 74.3   |
| 227      | 63.6  | 50.9  | 76.3   |

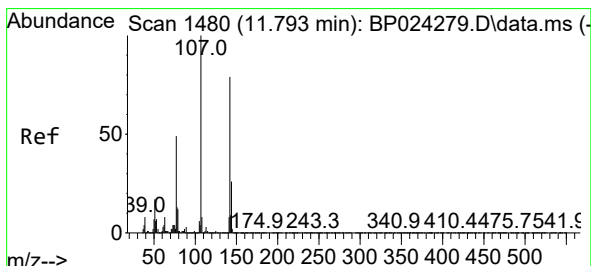
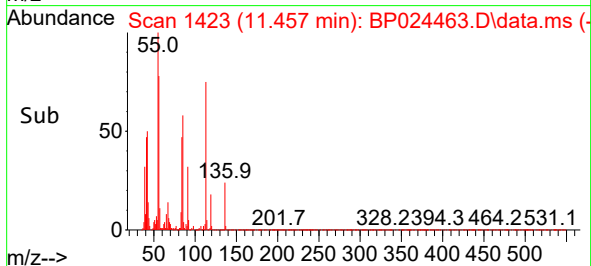
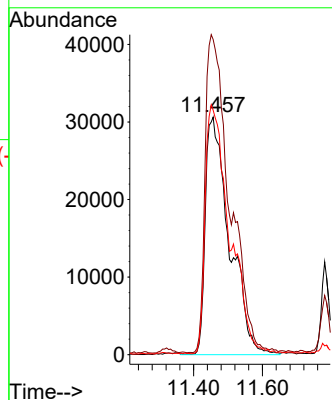
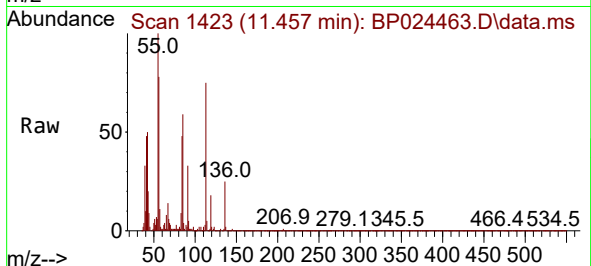




#35  
Caprolactam  
Concen: 43.341 ng m  
RT: 11.457 min Scan# 1422  
Delta R.T. 0.011 min  
Lab File: BP024463.D  
Acq: 29 Apr 2025 17:22

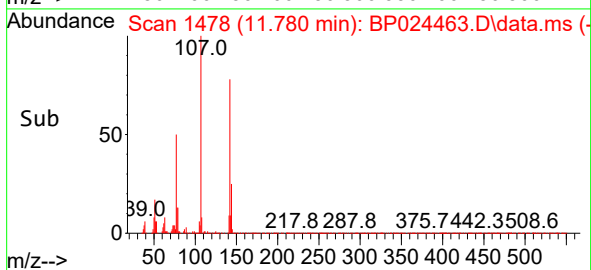
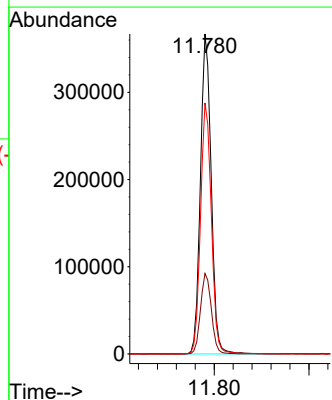
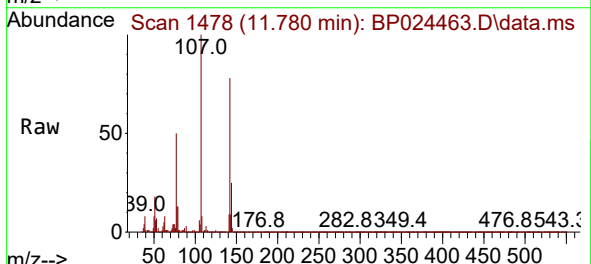
Instrument :  
BNA\_P  
ClientSampleId :  
MH-AMS

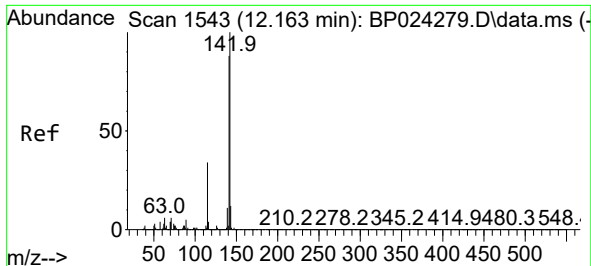
Tgt Ion:113 Resp: 148999  
Ion Ratio Lower Upper  
113 100  
55 132.7 115.9 155.9  
56 102.9 81.1 121.1



#36  
4-Chloro-3-methylphenol  
Concen: 53.523 ng  
RT: 11.780 min Scan# 1478  
Delta R.T. -0.012 min  
Lab File: BP024463.D  
Acq: 29 Apr 2025 17:22

Tgt Ion:107 Resp: 580849  
Ion Ratio Lower Upper  
107 100  
144 25.1 20.5 30.7  
142 78.4 63.4 95.2

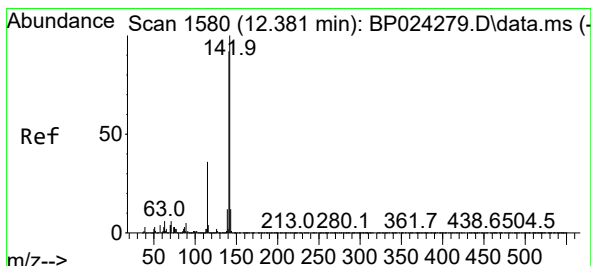
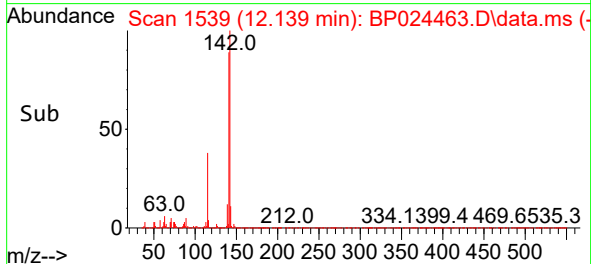
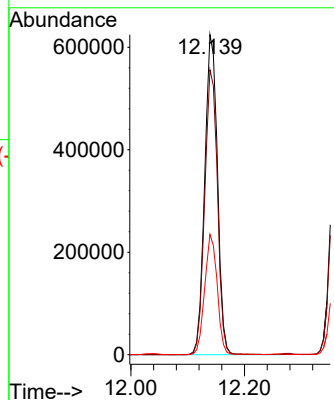
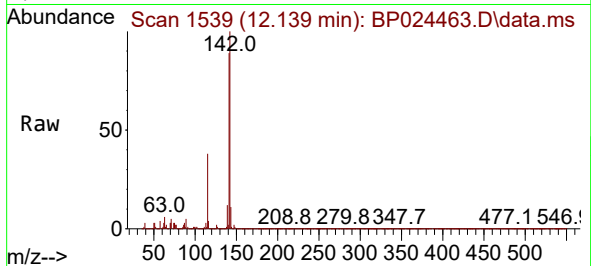




#37  
2-Methylnaphthalene  
Concen: 41.331 ng  
RT: 12.139 min Scan# 1539  
Delta R.T. -0.018 min  
Lab File: BP024463.D  
Acq: 29 Apr 2025 17:22

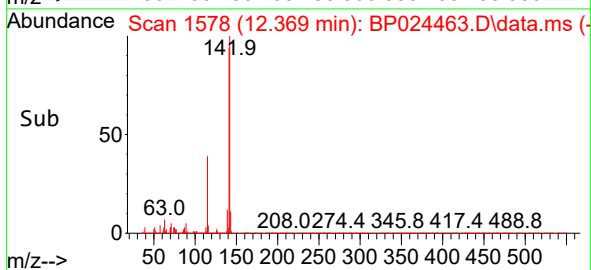
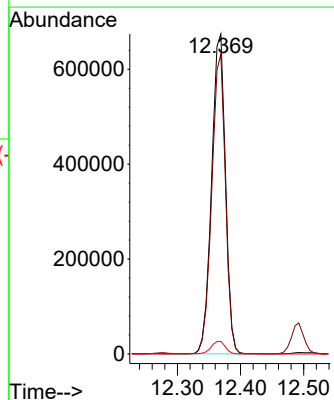
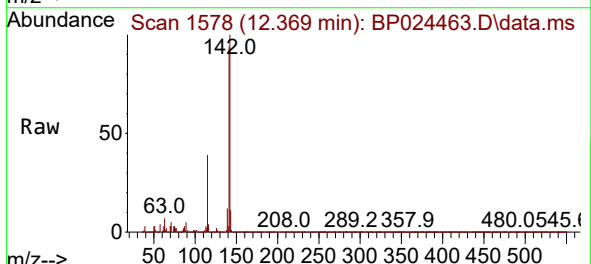
Instrument :  
BNA\_P  
ClientSampleId :  
MH-AMS

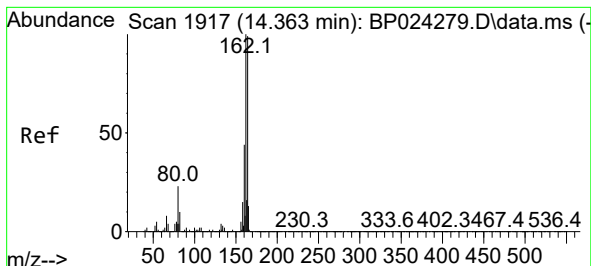
Tgt Ion:142 Resp: 967846  
Ion Ratio Lower Upper  
142 100  
141 89.0 70.3 105.5  
115 37.6 26.9 40.3



#38  
1-Methylnaphthalene  
Concen: 44.753 ng  
RT: 12.369 min Scan# 1578  
Delta R.T. -0.006 min  
Lab File: BP024463.D  
Acq: 29 Apr 2025 17:22

Tgt Ion:142 Resp: 1025195  
Ion Ratio Lower Upper  
142 100  
141 93.7 73.6 110.4  
116 4.0 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: BP024463.D

Acq: 29 Apr 2025 17:22

Instrument :

BNA\_P

ClientSampleId :

MH-AMS

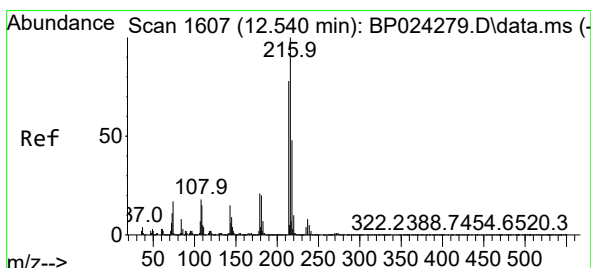
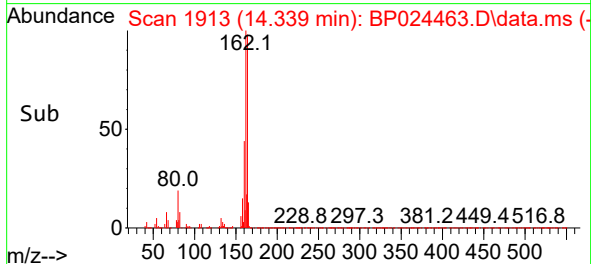
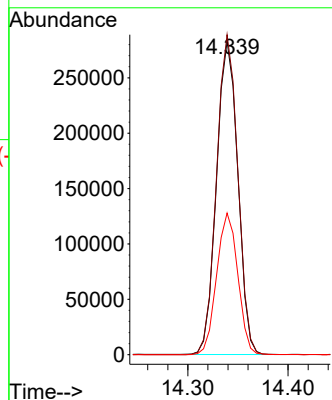
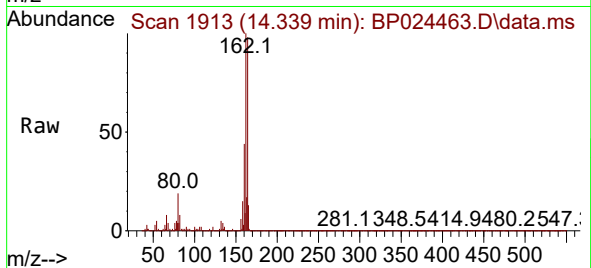
Tgt Ion:164 Resp: 417040

Ion Ratio Lower Upper

164 100

162 102.1 80.6 120.8

160 45.2 35.3 52.9



#40

1,2,4,5-Tetrachlorobenzene

Concen: 47.618 ng

RT: 12.516 min Scan# 1603

Delta R.T. -0.012 min

Lab File: BP024463.D

Acq: 29 Apr 2025 17:22

Tgt Ion:216 Resp: 546119

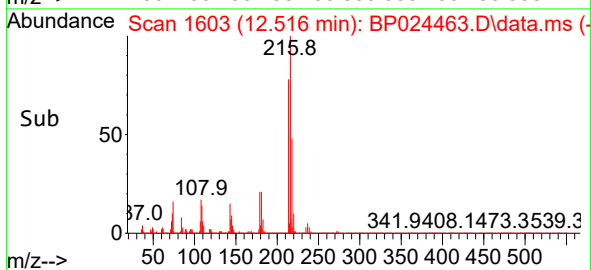
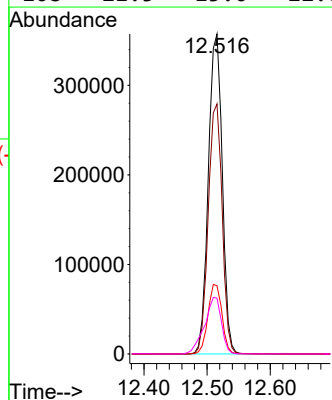
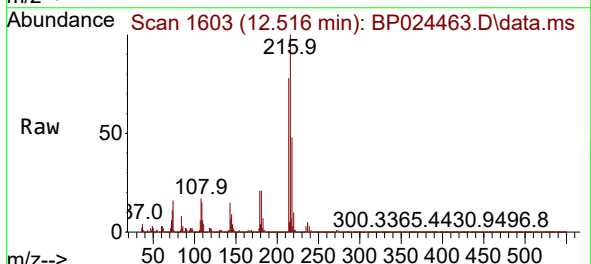
Ion Ratio Lower Upper

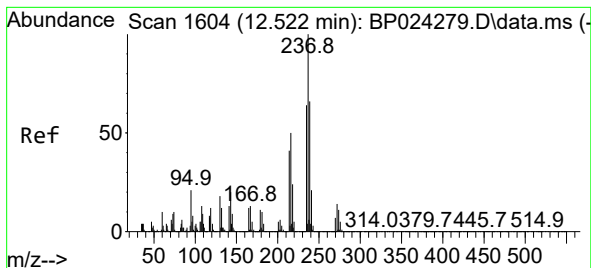
216 100

214 78.2 62.6 93.8

179 21.9 17.2 25.8

108 21.5 15.0 22.6





#41

Hexachlorocyclopentadiene

Concen: 184.802 ng

RT: 12.492 min Scan# 1

Delta R.T. -0.018 min

Lab File: BP024463.D

Acq: 29 Apr 2025 17:22

Instrument :

BNA\_P

ClientSampleId :

MH-AMS

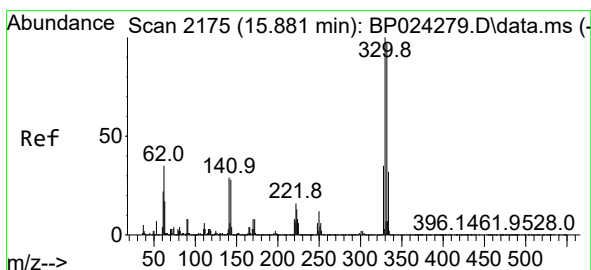
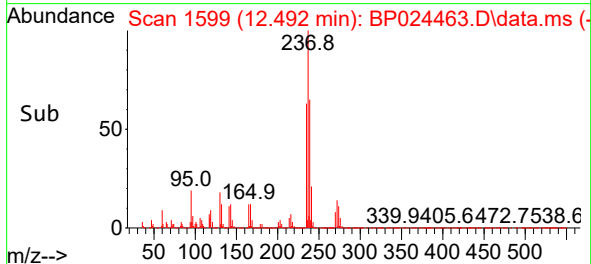
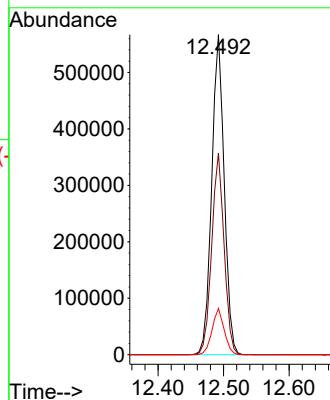
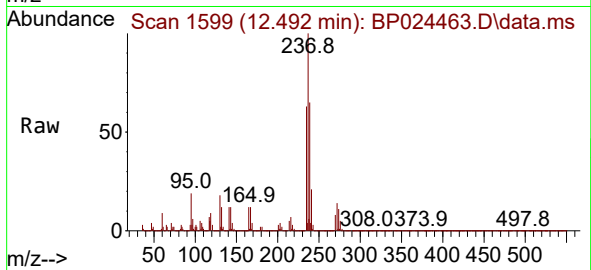
Tgt Ion:237 Resp: 749587

Ion Ratio Lower Upper

237 100

235 63.1 43.9 83.9

272 14.4 0.0 33.6



#42

2,4,6-Tribromophenol

Concen: 175.988 ng

RT: 15.857 min Scan# 2171

Delta R.T. -0.006 min

Lab File: BP024463.D

Acq: 29 Apr 2025 17:22

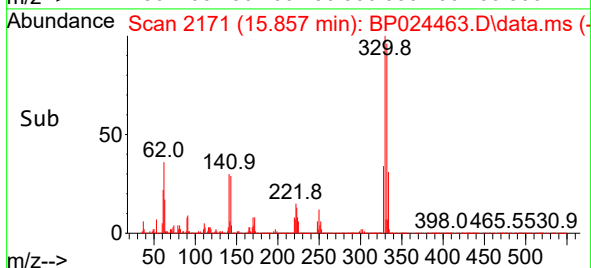
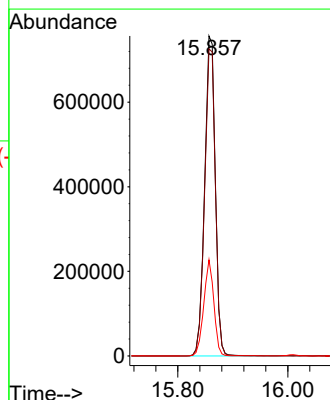
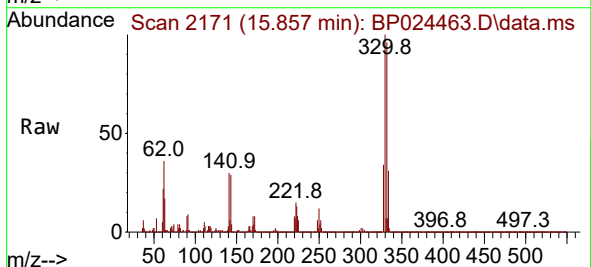
Tgt Ion:330 Resp: 1015443

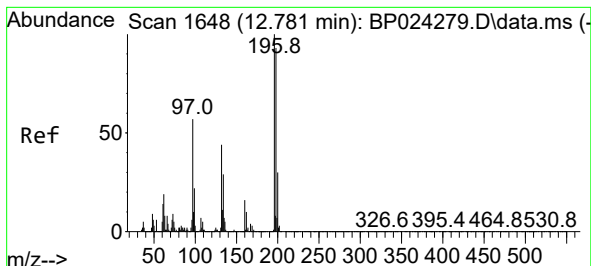
Ion Ratio Lower Upper

330 100

332 97.0 77.1 115.7

141 28.6 24.7 37.1





#43

2,4,6-Trichlorophenol

Concen: 53.861 ng

RT: 12.763 min Scan# 1

Delta R.T. -0.012 min

Lab File: BP024463.D

Acq: 29 Apr 2025 17:22

Instrument :

BNA\_P

ClientSampleId :

MH-AMS

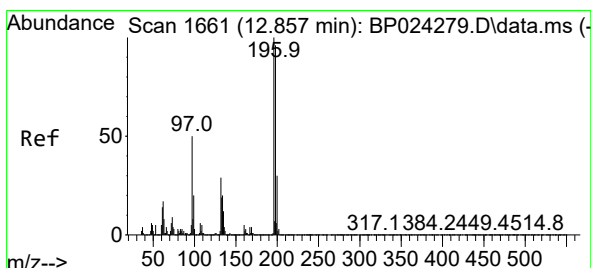
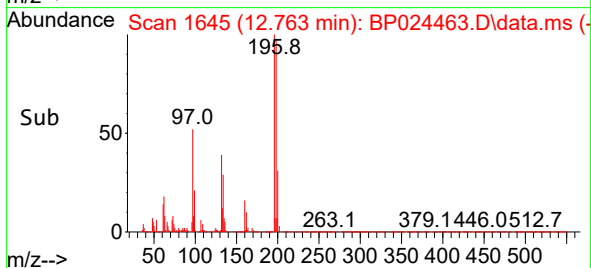
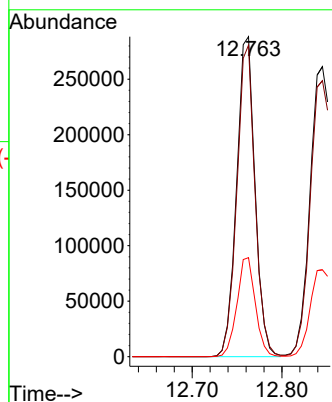
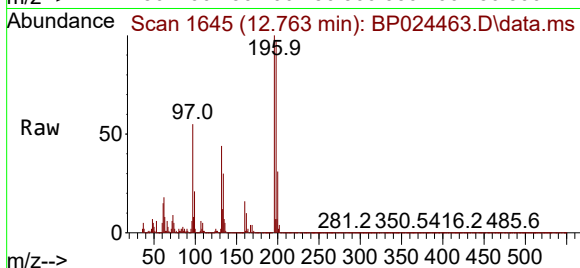
Tgt Ion:196 Resp: 410687

Ion Ratio Lower Upper

196 100

198 97.3 74.3 111.5

200 31.0 24.0 36.0



#44

2,4,5-Trichlorophenol

Concen: 54.329 ng

RT: 12.845 min Scan# 1659

Delta R.T. -0.012 min

Lab File: BP024463.D

Acq: 29 Apr 2025 17:22

Tgt Ion:196 Resp: 458737

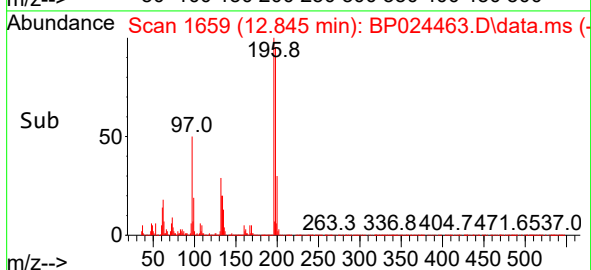
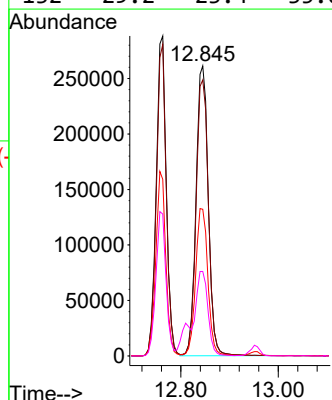
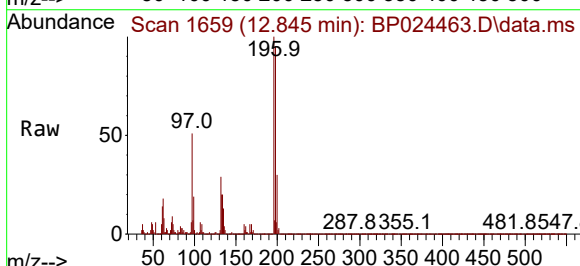
Ion Ratio Lower Upper

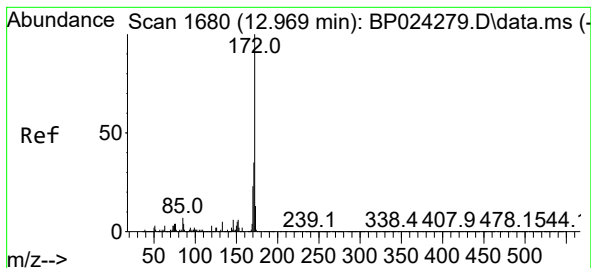
196 100

198 95.2 77.3 115.9

97 50.6 40.4 60.6

132 29.2 23.4 35.0

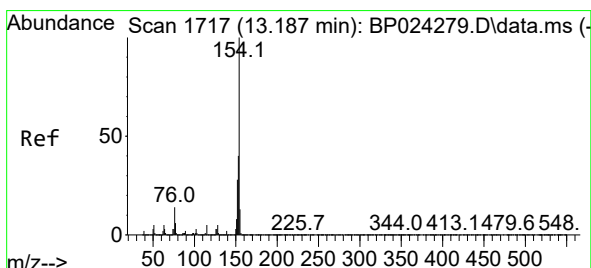
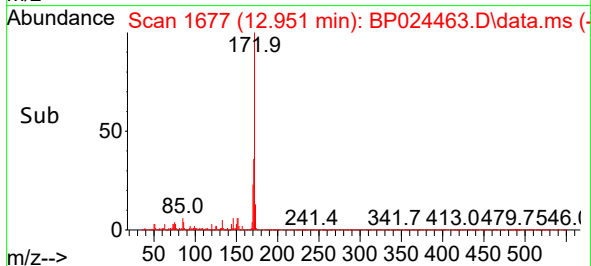
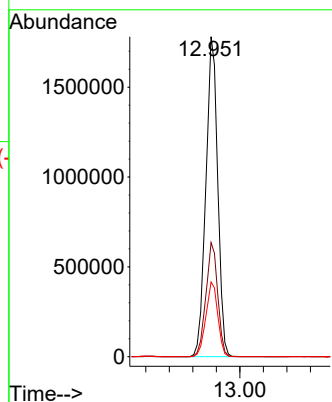
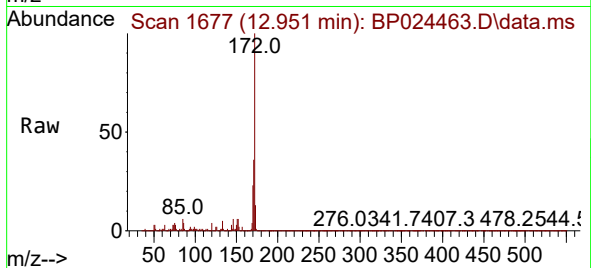




#45  
2-Fluorobiphenyl  
Concen: 91.105 ng  
RT: 12.951 min Scan# 1677  
Delta R.T. -0.012 min  
Lab File: BP024463.D  
Acq: 29 Apr 2025 17:22

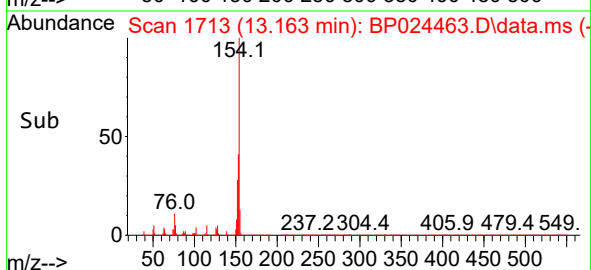
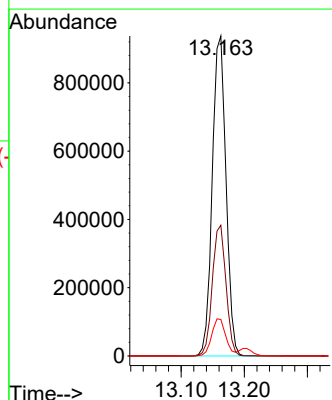
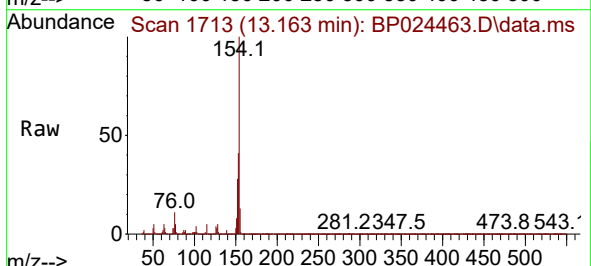
Instrument :  
BNA\_P  
ClientSampleId :  
MH-AMS

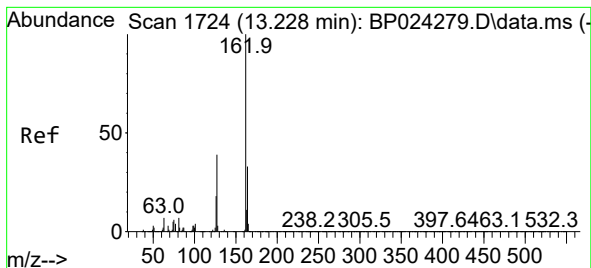
Tgt Ion:172 Resp: 2481491  
Ion Ratio Lower Upper  
172 100  
171 35.7 28.2 42.2  
170 23.3 18.6 27.8



#46  
1,1'-Biphenyl  
Concen: 46.010 ng  
RT: 13.163 min Scan# 1713  
Delta R.T. -0.012 min  
Lab File: BP024463.D  
Acq: 29 Apr 2025 17:22

Tgt Ion:154 Resp: 1410427  
Ion Ratio Lower Upper  
154 100  
153 40.9 20.3 60.3  
76 11.4 0.0 33.5





#47

2-Chloronaphthalene

Concen: 46.463 ng

RT: 13.204 min Scan# 1

Delta R.T. -0.012 min

Lab File: BP024463.D

Acq: 29 Apr 2025 17:22

Instrument :

BNA\_P

ClientSampleId :

MH-AMS

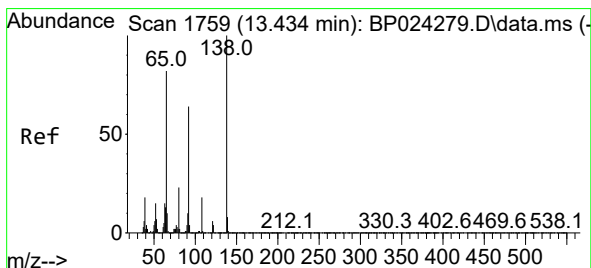
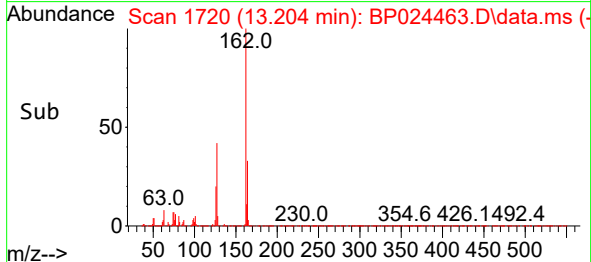
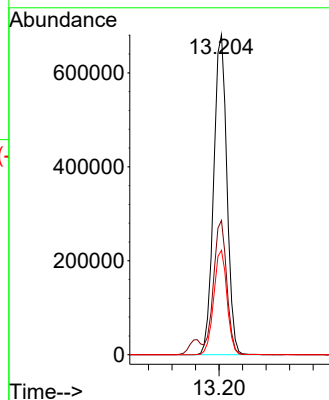
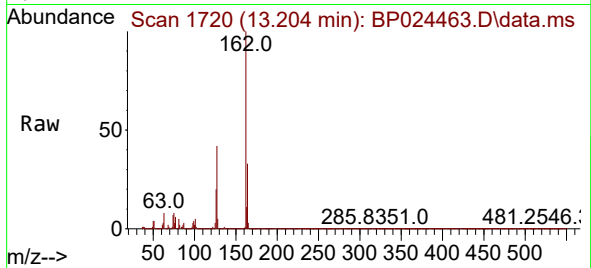
Tgt Ion:162 Resp: 1064510

Ion Ratio Lower Upper

162 100

127 41.9 31.9 47.9

164 32.6 26.2 39.4



#48

2-Nitroaniline

Concen: 53.950 ng

RT: 13.416 min Scan# 1756

Delta R.T. -0.006 min

Lab File: BP024463.D

Acq: 29 Apr 2025 17:22

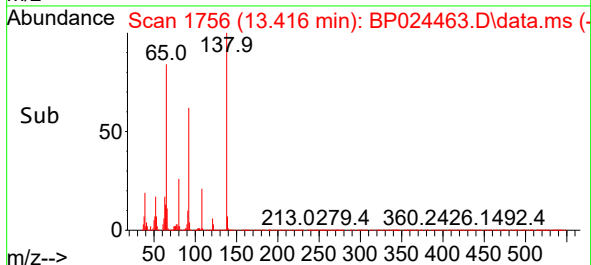
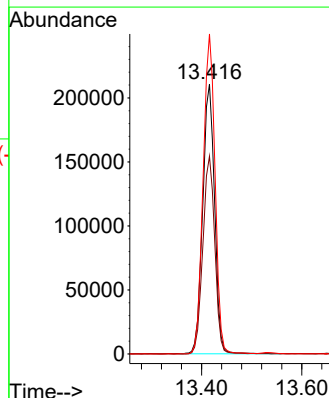
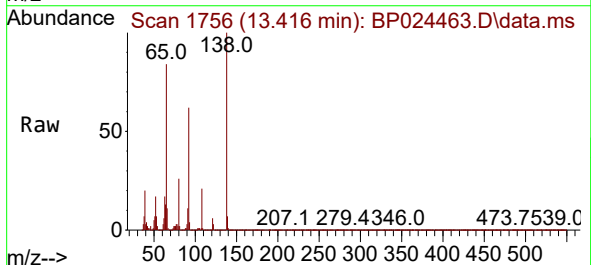
Tgt Ion: 65 Resp: 346714

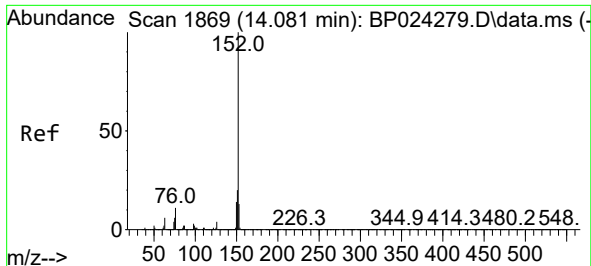
Ion Ratio Lower Upper

65 100

92 73.3 62.3 93.5

138 118.6 97.2 145.8

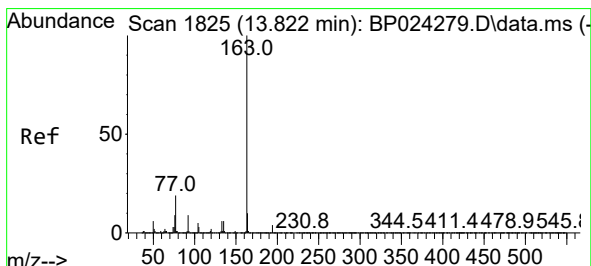
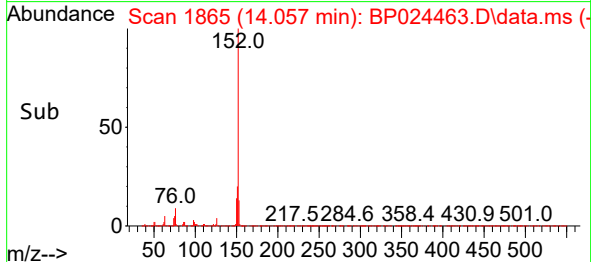
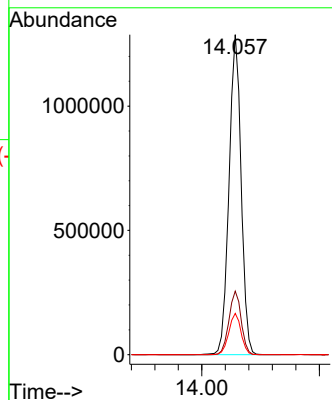
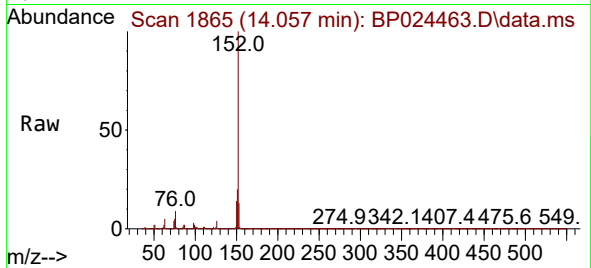




#49  
Acenaphthylene  
Concen: 50.878 ng  
RT: 14.057 min Scan# 1865  
Delta R.T. -0.012 min  
Lab File: BP024463.D  
Acq: 29 Apr 2025 17:22

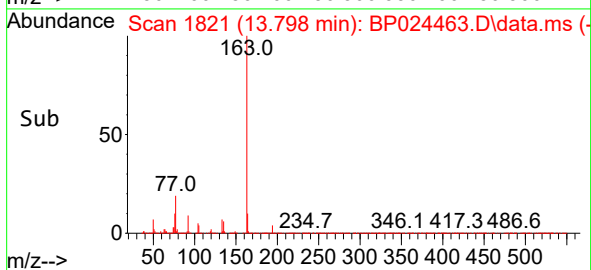
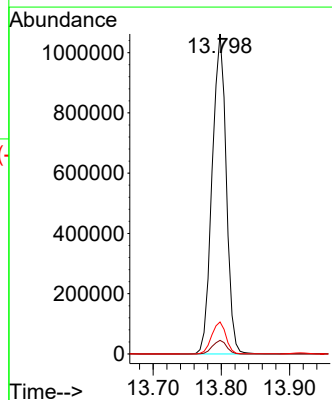
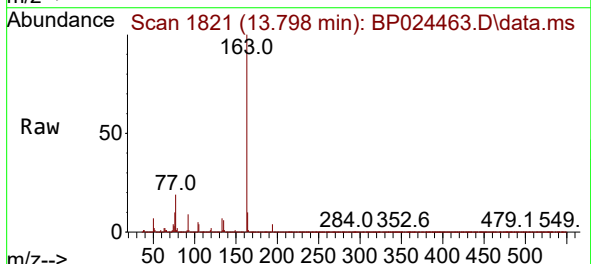
Instrument :  
BNA\_P  
ClientSampleId :  
MH-AMS

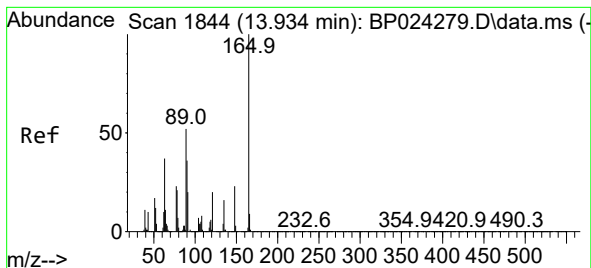
Tgt Ion:152 Resp: 1835253  
Ion Ratio Lower Upper  
152 100  
151 19.9 15.9 23.9  
153 12.9 10.6 15.8



#50  
Dimethylphthalate  
Concen: 50.355 ng  
RT: 13.798 min Scan# 1821  
Delta R.T. -0.012 min  
Lab File: BP024463.D  
Acq: 29 Apr 2025 17:22

Tgt Ion:163 Resp: 1527155  
Ion Ratio Lower Upper  
163 100  
194 4.3 3.5 5.3  
164 10.0 8.0 12.0

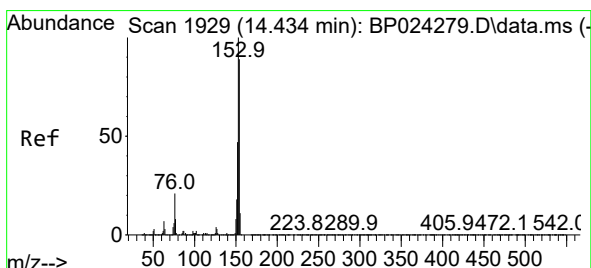
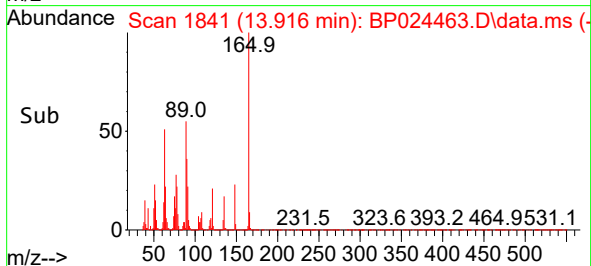
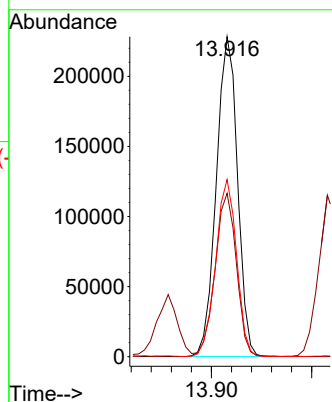
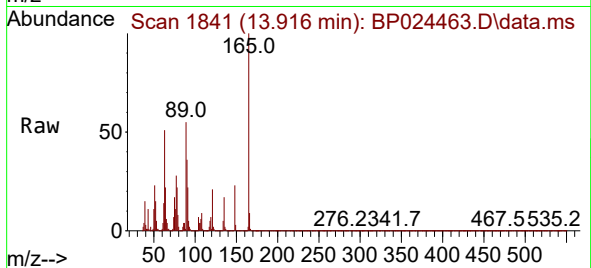




#51  
2,6-Dinitrotoluene  
Concen: 51.997 ng  
RT: 13.916 min Scan# 1841  
Delta R.T. -0.012 min  
Lab File: BP024463.D  
Acq: 29 Apr 2025 17:22

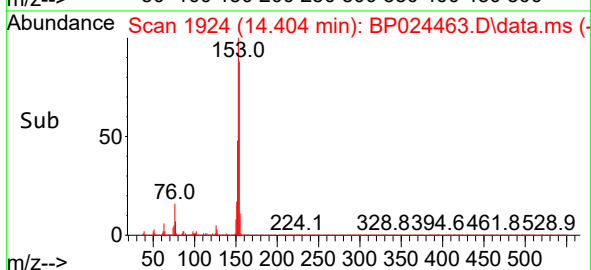
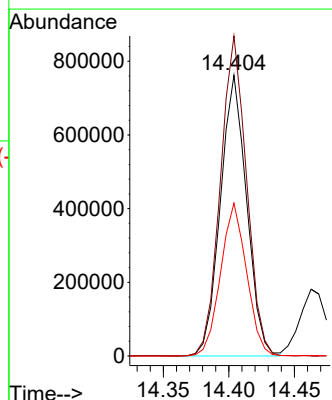
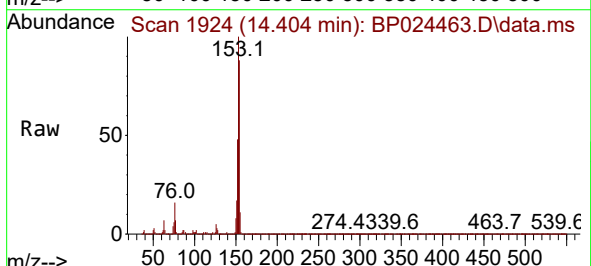
Instrument :  
BNA\_P  
ClientSampleId :  
MH-AMS

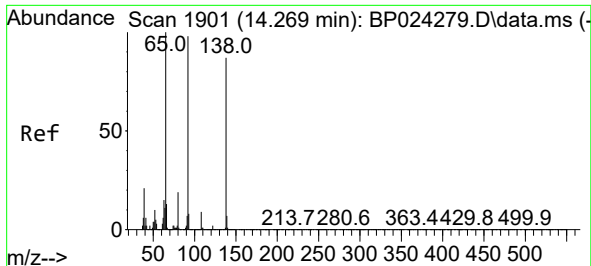
Tgt Ion:165 Resp: 334868  
Ion Ratio Lower Upper  
165 100  
63 51.0 38.0 57.0  
89 55.4 41.7 62.5



#52  
Acenaphthene  
Concen: 46.375 ng  
RT: 14.404 min Scan# 1924  
Delta R.T. -0.018 min  
Lab File: BP024463.D  
Acq: 29 Apr 2025 17:22

Tgt Ion:154 Resp: 1060509  
Ion Ratio Lower Upper  
154 100  
153 114.0 89.8 134.6  
152 54.4 42.6 63.8

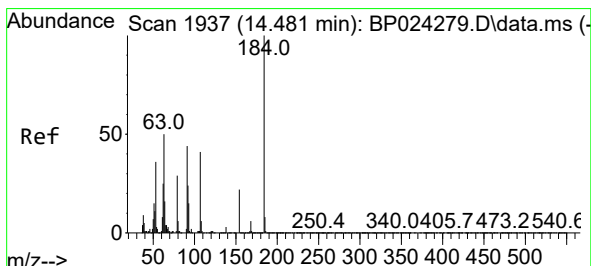
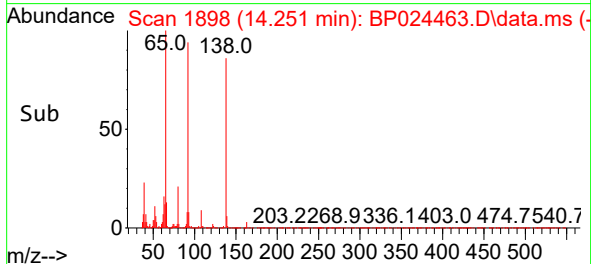
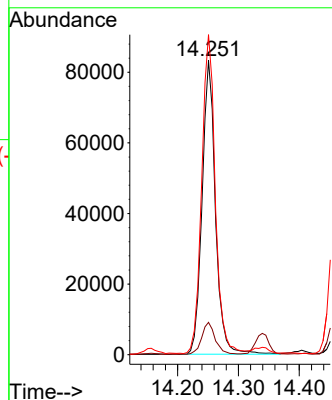
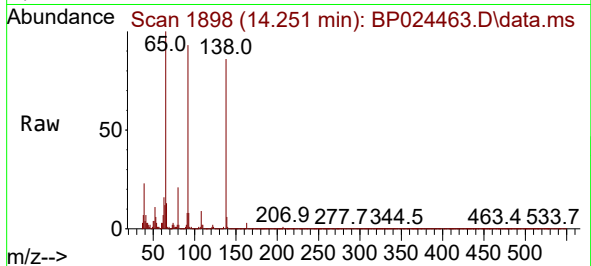




#53  
3-Nitroaniline  
Concen: 18.752 ng  
RT: 14.251 min Scan# 1898  
Delta R.T. -0.012 min  
Lab File: BP024463.D  
Acq: 29 Apr 2025 17:22

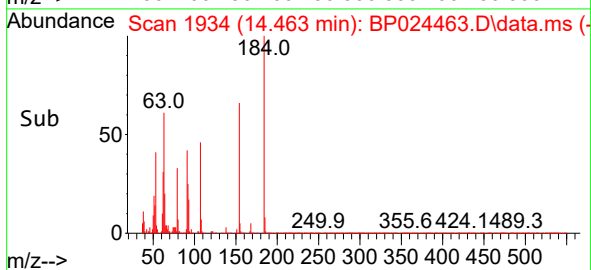
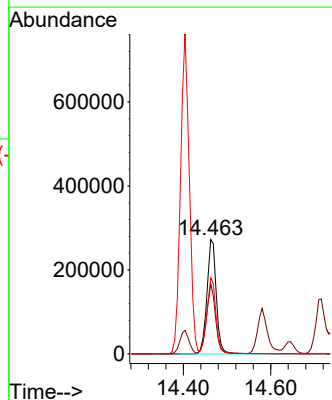
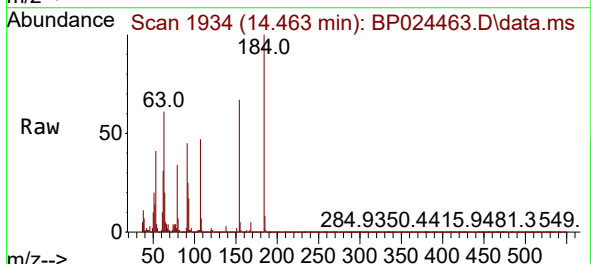
Instrument :  
BNA\_P  
ClientSampleId :  
MH-AMS

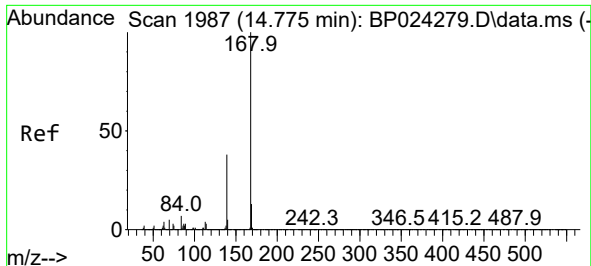
Tgt Ion:138 Resp: 126924  
Ion Ratio Lower Upper  
138 100  
108 11.0 8.3 12.5  
92 108.8 89.8 134.8



#54  
2,4-Dinitrophenol  
Concen: 107.559 ng  
RT: 14.463 min Scan# 1934  
Delta R.T. -0.006 min  
Lab File: BP024463.D  
Acq: 29 Apr 2025 17:22

Tgt Ion:184 Resp: 408027  
Ion Ratio Lower Upper  
184 100  
63 61.1 42.6 64.0  
154 66.5 47.2 70.8

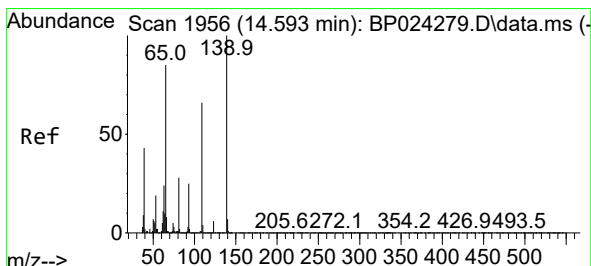
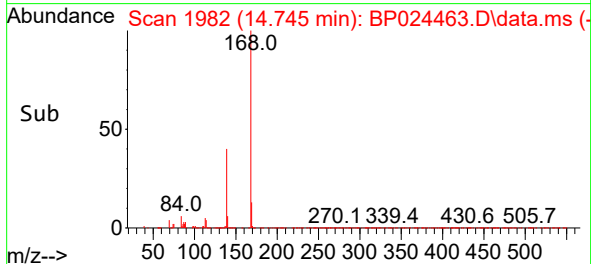
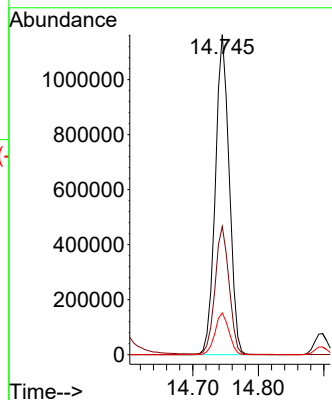
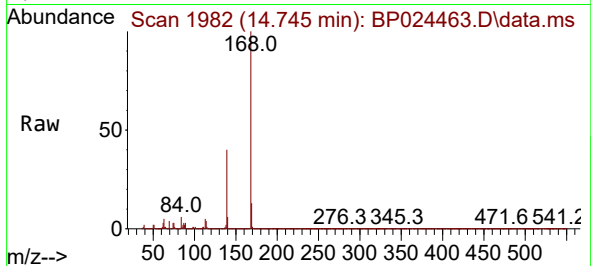




#55  
Dibenzofuran  
Concen: 45.607 ng  
RT: 14.745 min Scan# 1982  
Delta R.T. -0.012 min  
Lab File: BP024463.D  
Acq: 29 Apr 2025 17:22

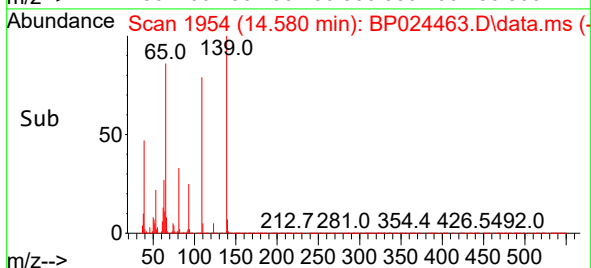
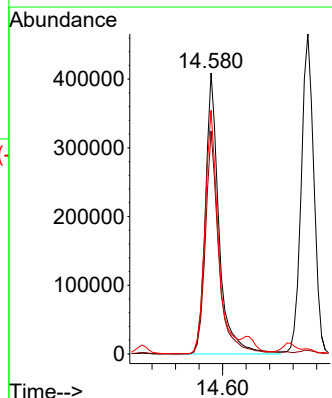
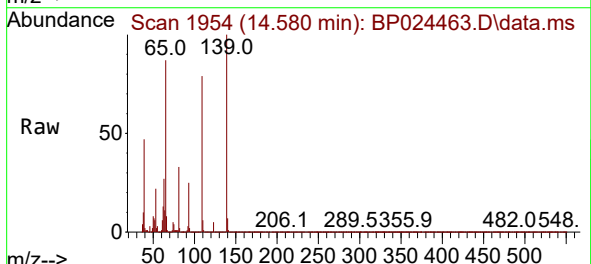
Instrument :  
BNA\_P  
ClientSampleId :  
MH-AMS

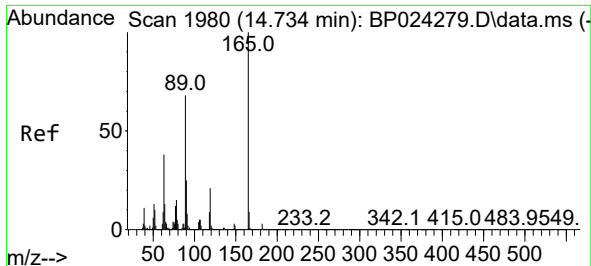
Tgt Ion:168 Resp: 1704788  
Ion Ratio Lower Upper  
168 100  
139 40.0 30.3 45.5  
169 13.0 10.6 16.0



#56  
4-Nitrophenol  
Concen: 112.701 ng  
RT: 14.580 min Scan# 1954  
Delta R.T. -0.012 min  
Lab File: BP024463.D  
Acq: 29 Apr 2025 17:22

Tgt Ion:139 Resp: 658821  
Ion Ratio Lower Upper  
139 100  
109 79.4 46.1 86.1  
65 86.7 65.0 105.0

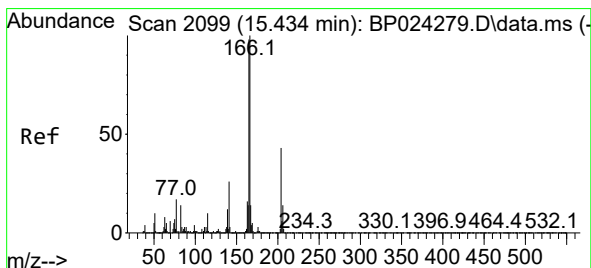
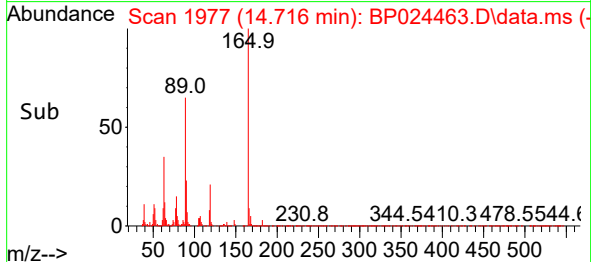
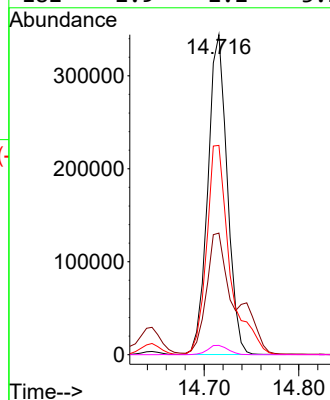
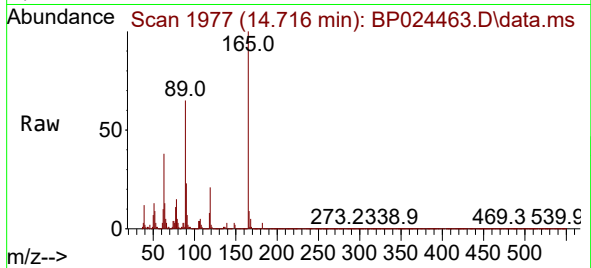




#57  
2,4-Dinitrotoluene  
Concen: 55.595 ng  
RT: 14.716 min Scan# 1980  
Delta R.T. -0.006 min  
Lab File: BP024463.D  
Acq: 29 Apr 2025 17:22

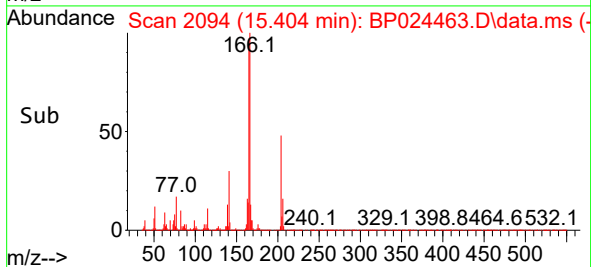
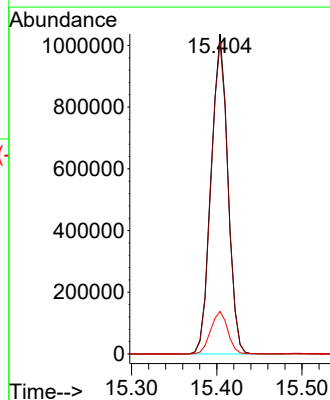
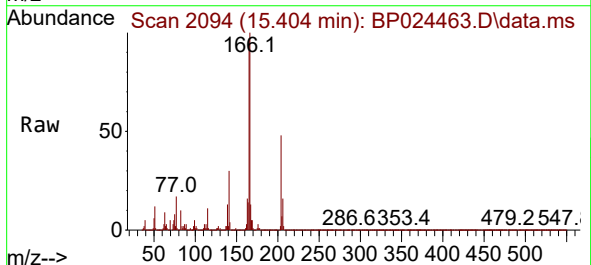
Instrument :  
BNA\_P  
ClientSampleId :  
MH-AMS

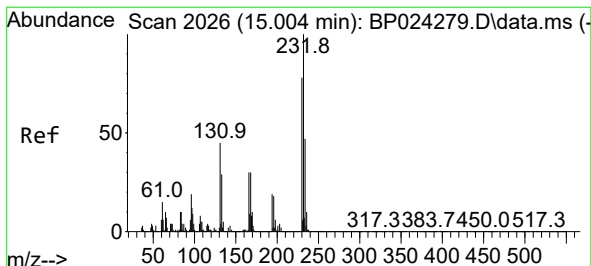
Tgt Ion:165 Resp: 488406  
Ion Ratio Lower Upper  
165 100  
63 38.0 30.4 45.6  
89 65.4 54.6 82.0  
182 2.9 2.2 3.2



#58  
Fluorene  
Concen: 49.046 ng  
RT: 15.404 min Scan# 2094  
Delta R.T. -0.012 min  
Lab File: BP024463.D  
Acq: 29 Apr 2025 17:22

Tgt Ion:166 Resp: 1419218  
Ion Ratio Lower Upper  
166 100  
165 97.4 78.1 117.1  
167 13.3 10.9 16.3



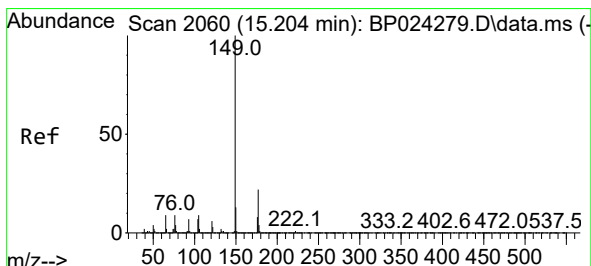
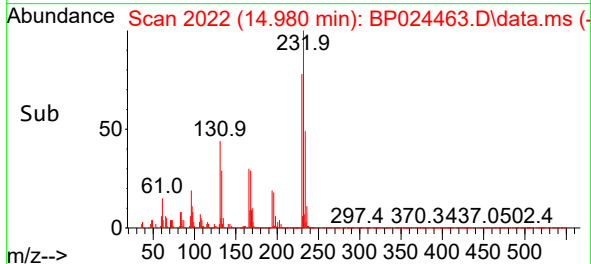
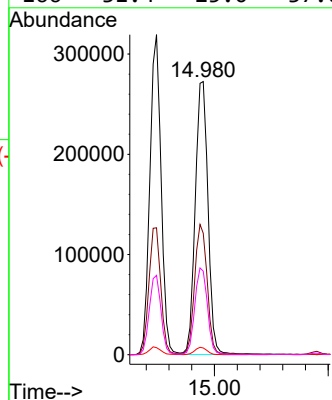
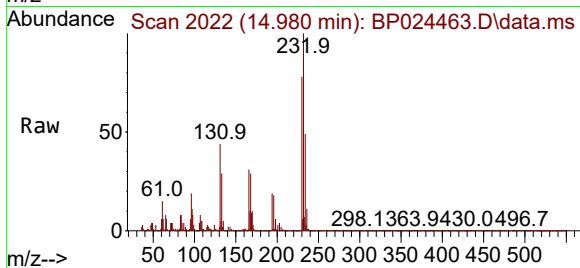


#59  
2,3,4,6-Tetrachlorophenol  
Concen: 54.692 ng  
RT: 14.980 min Scan# 2022  
Delta R.T. -0.012 min  
Lab File: BP024463.D  
Acq: 29 Apr 2025 17:22

Instrument :  
BNA\_P  
ClientSampleId :  
MH-AMS

Tgt Ion:232 Resp: 425921

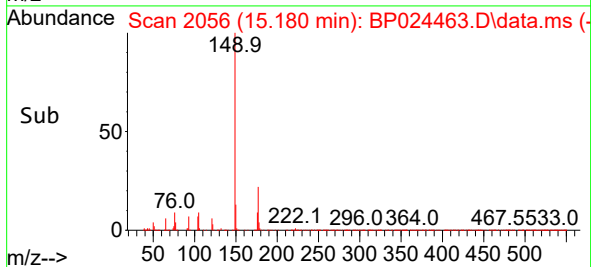
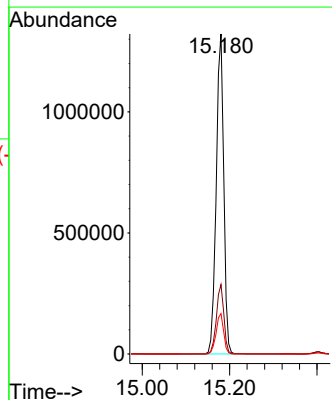
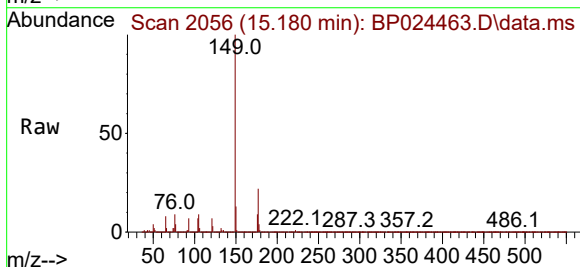
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 232 | 100   |       |       |
| 131 | 46.9  | 36.8  | 55.2  |
| 130 | 2.6   | 1.9   | 2.9   |
| 166 | 31.4  | 25.0  | 37.6  |

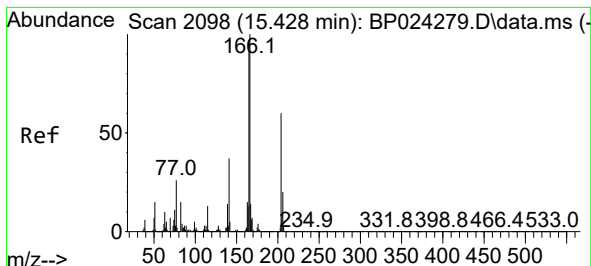


#60  
Diethylphthalate  
Concen: 50.612 ng  
RT: 15.180 min Scan# 2056  
Delta R.T. -0.012 min  
Lab File: BP024463.D  
Acq: 29 Apr 2025 17:22

Tgt Ion:149 Resp: 1581796

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 149 | 100   |       |       |
| 177 | 21.7  | 17.4  | 26.2  |
| 150 | 12.6  | 10.1  | 15.1  |

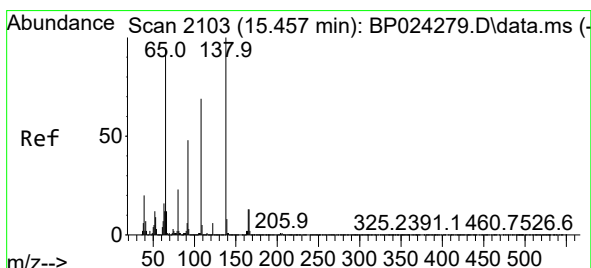
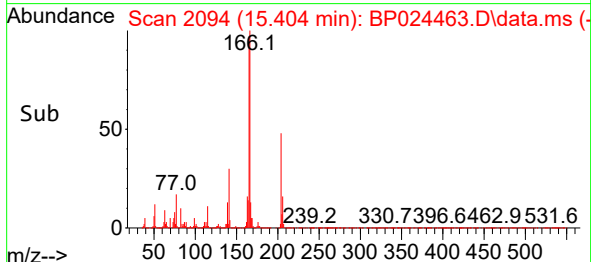
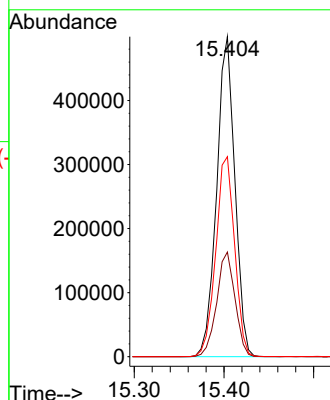
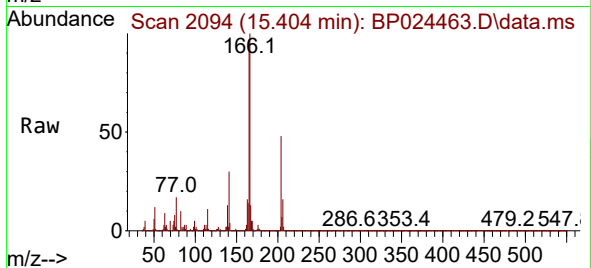




#61  
4-Chlorophenyl-phenylether  
Concen: 50.034 ng  
RT: 15.404 min Scan# 2098  
Delta R.T. -0.006 min  
Lab File: BP024463.D  
Acq: 29 Apr 2025 17:22

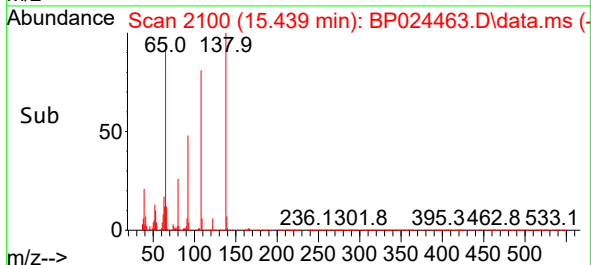
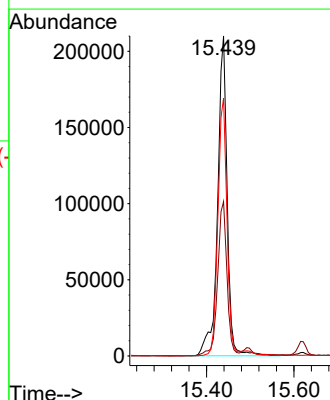
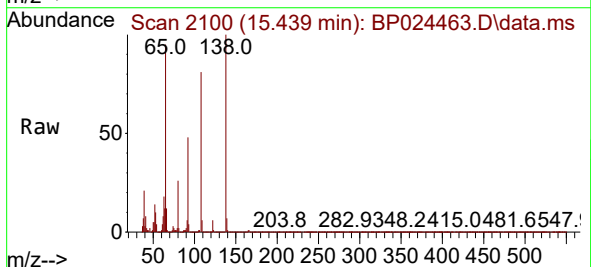
Instrument :  
BNA\_P  
ClientSampleId :  
MH-AMS

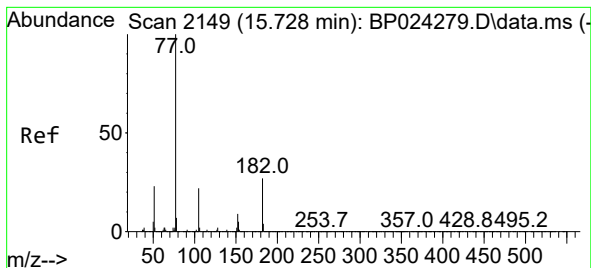
Tgt Ion:204 Resp: 703059  
Ion Ratio Lower Upper  
204 100  
206 32.7 26.5 39.7  
141 62.5 49.4 74.0



#62  
4-Nitroaniline  
Concen: 44.976 ng  
RT: 15.439 min Scan# 2100  
Delta R.T. -0.000 min  
Lab File: BP024463.D  
Acq: 29 Apr 2025 17:22

Tgt Ion:138 Resp: 322268  
Ion Ratio Lower Upper  
138 100  
92 48.3 27.8 67.8  
108 80.6 48.9 88.9





#63

Azobenzene

Concen: 44.786 ng

RT: 15.698 min Scan# 2149

Delta R.T. -0.012 min

Lab File: BP024463.D

Acq: 29 Apr 2025 17:22

Instrument :

BNA\_P

ClientSampleId :

MH-AMS

Tgt Ion: 77 Resp: 1286506

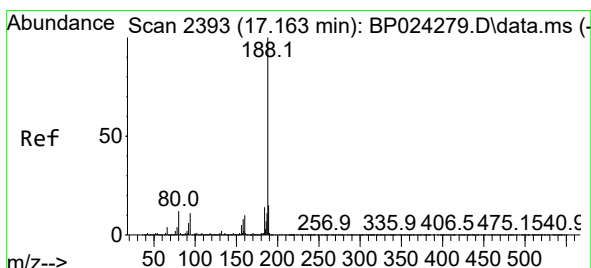
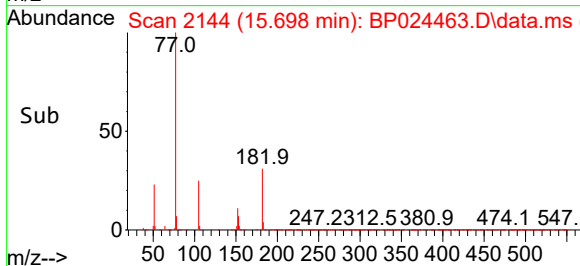
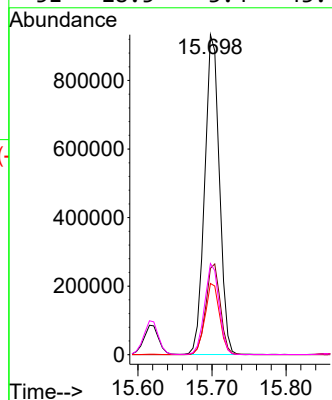
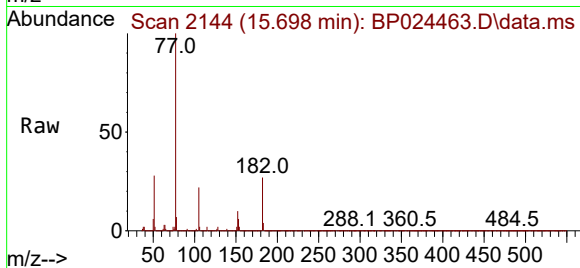
Ion Ratio Lower Upper

77 100

182 27.0 7.3 47.3

105 22.3 2.3 42.3

51 28.5 3.4 43.4



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.139 min Scan# 2389

Delta R.T. -0.006 min

Lab File: BP024463.D

Acq: 29 Apr 2025 17:22

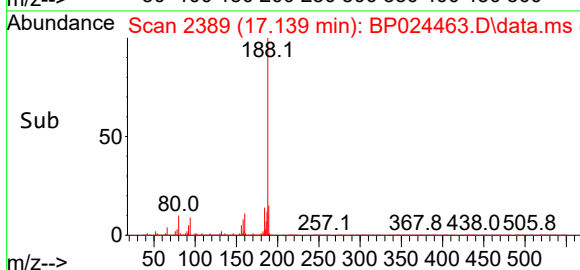
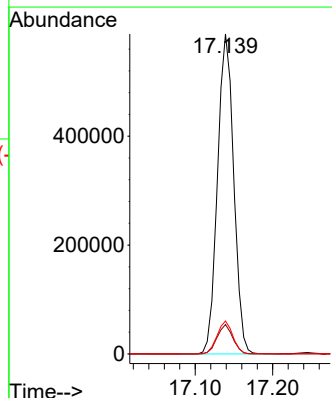
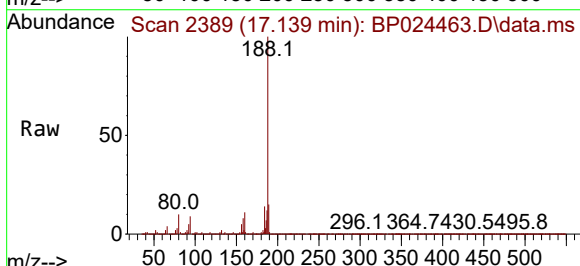
Tgt Ion: 188 Resp: 854293

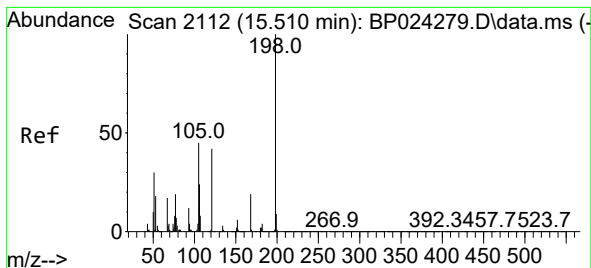
Ion Ratio Lower Upper

188 100

94 9.2 8.6 13.0

80 10.3 9.8 14.6

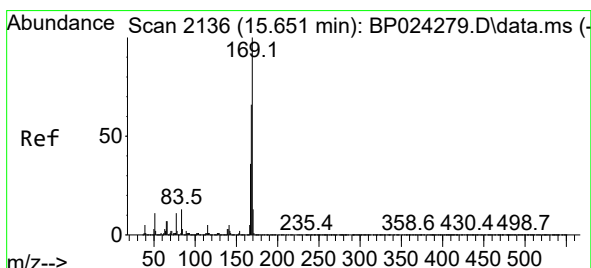
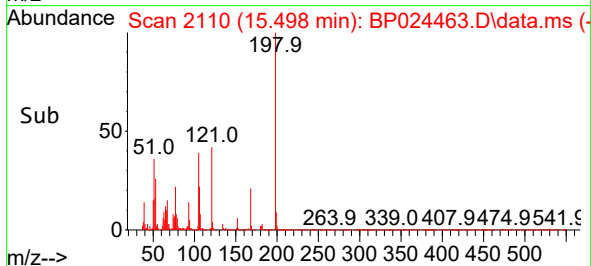
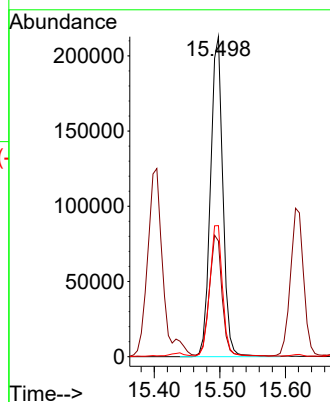
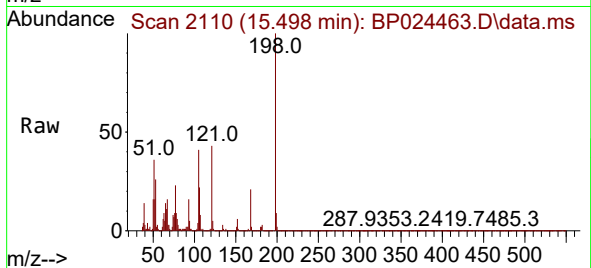




#65  
4,6-Dinitro-2-methylphenol  
Concen: 51.878 ng  
RT: 15.498 min Scan# 2110  
Delta R.T. -0.000 min  
Lab File: BP024463.D  
Acq: 29 Apr 2025 17:22

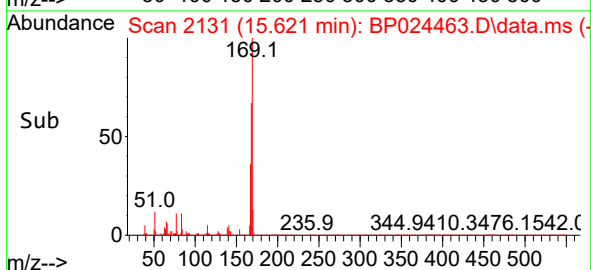
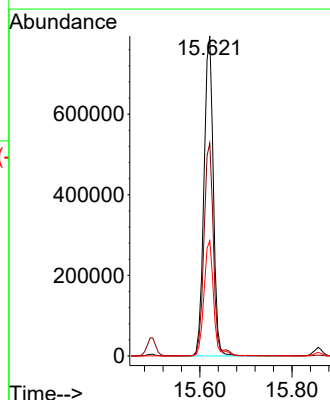
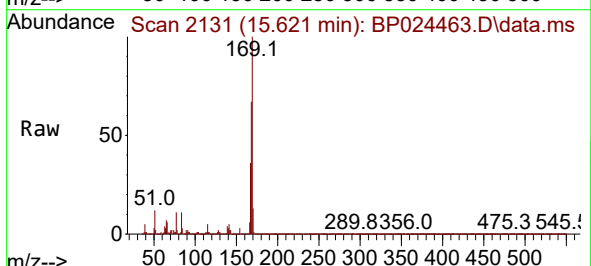
Instrument :  
BNA\_P  
ClientSampleId :  
MH-AMS

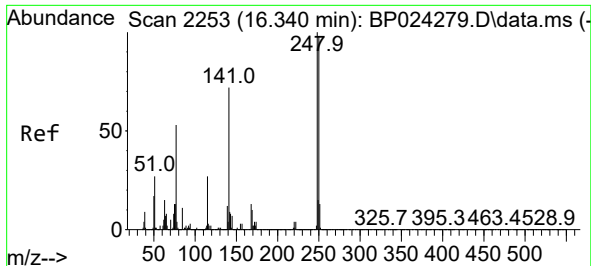
Tgt Ion:198 Resp: 279414  
Ion Ratio Lower Upper  
198 100  
51 36.1 18.4 58.4  
105 41.0 26.5 66.5



#66  
n-Nitrosodiphenylamine  
Concen: 43.887 ng  
RT: 15.621 min Scan# 2131  
Delta R.T. -0.006 min  
Lab File: BP024463.D  
Acq: 29 Apr 2025 17:22

Tgt Ion:169 Resp: 1119056  
Ion Ratio Lower Upper  
169 100  
168 66.5 53.0 79.4  
167 36.0 28.9 43.3

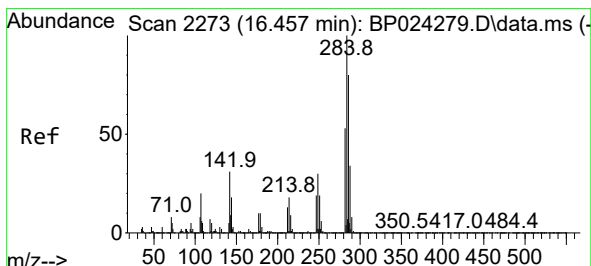
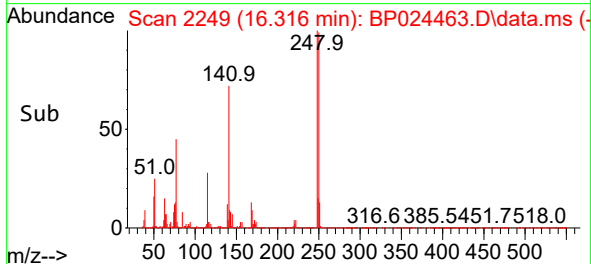
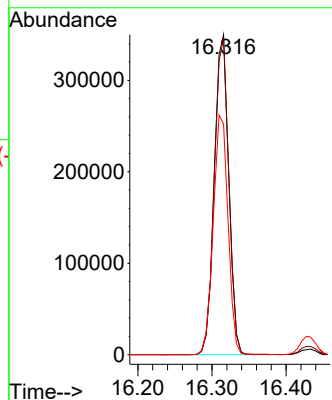
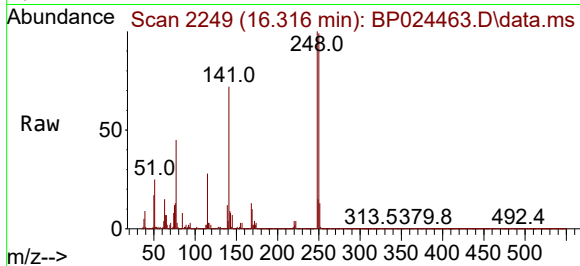




#67  
4-Bromophenyl-phenylether  
Concen: 50.913 ng  
RT: 16.316 min Scan# 21  
Delta R.T. -0.006 min  
Lab File: BP024463.D  
Acq: 29 Apr 2025 17:22

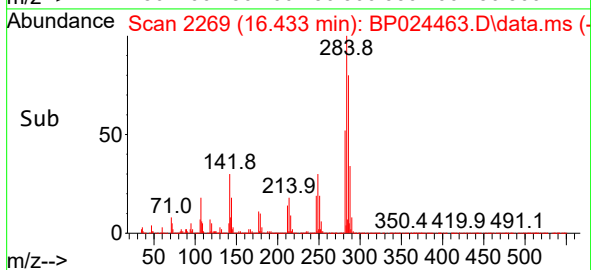
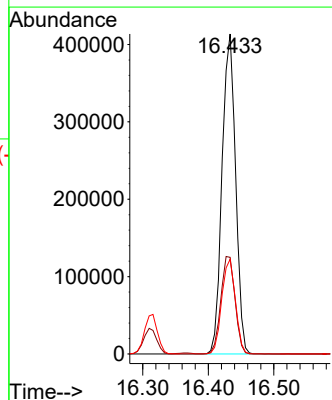
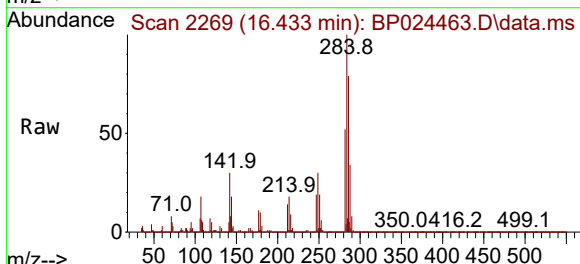
Instrument :  
BNA\_P  
ClientSampleId :  
MH-AMS

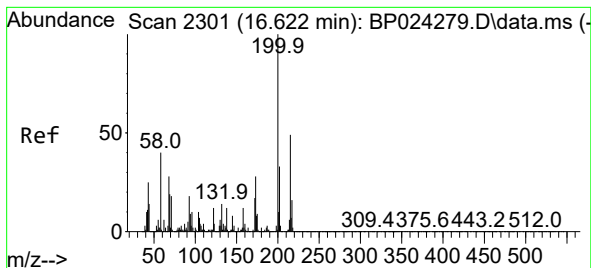
Tgt Ion:248 Resp: 475695  
Ion Ratio Lower Upper  
248 100  
250 98.7 78.2 117.4  
141 72.1 57.7 86.5



#68  
Hexachlorobenzene  
Concen: 53.023 ng  
RT: 16.433 min Scan# 2269  
Delta R.T. -0.006 min  
Lab File: BP024463.D  
Acq: 29 Apr 2025 17:22

Tgt Ion:284 Resp: 588681  
Ion Ratio Lower Upper  
284 100  
142 30.2 24.6 37.0  
249 29.6 23.8 35.6





#69

Atrazine

Concen: 34.627 ng

RT: 16.604 min Scan# 21

Delta R.T. -0.006 min

Lab File: BP024463.D

Acq: 29 Apr 2025 17:22

Instrument :

BNA\_P

ClientSampleId :

MH-AMS

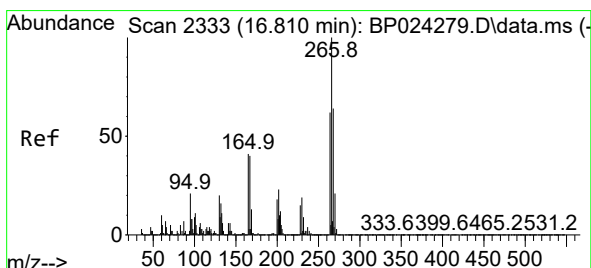
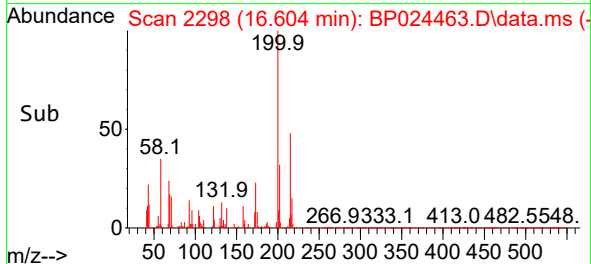
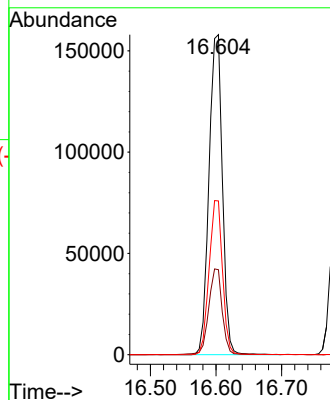
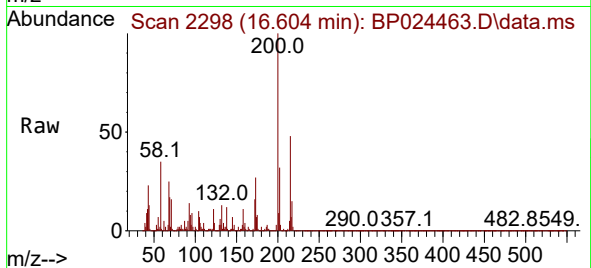
Tgt Ion:200 Resp: 224875

Ion Ratio Lower Upper

200 100

173 26.6 7.5 47.5

215 48.1 28.8 68.8



#70

Pentachlorophenol

Concen: 109.922 ng

RT: 16.786 min Scan# 2329

Delta R.T. -0.012 min

Lab File: BP024463.D

Acq: 29 Apr 2025 17:22

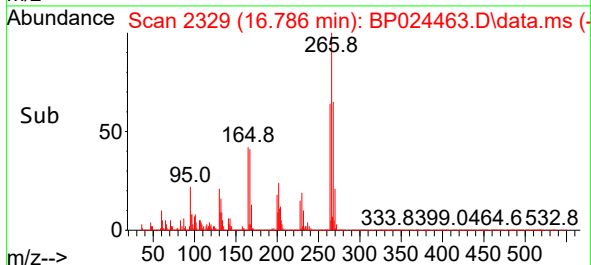
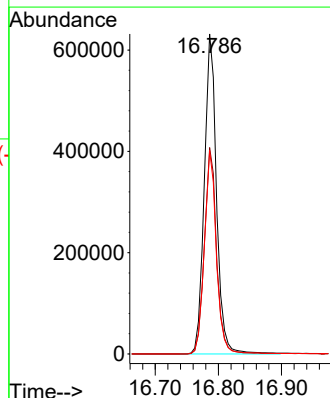
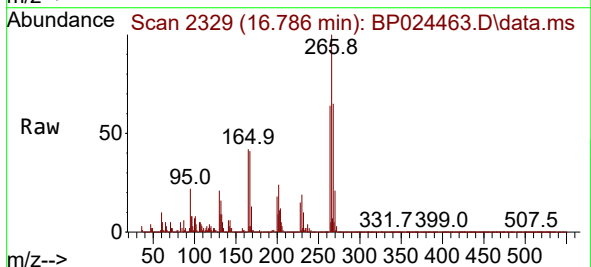
Tgt Ion:266 Resp: 851378

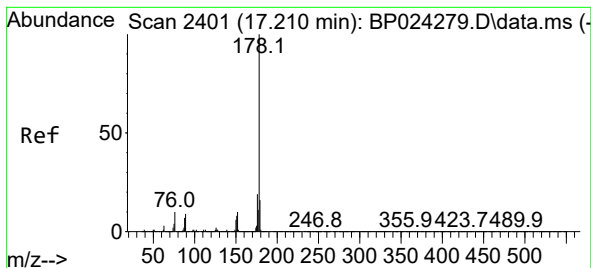
Ion Ratio Lower Upper

266 100

268 64.5 51.0 76.6

264 63.6 49.8 74.6





#71

Phenanthrene

Concen: 47.915 ng

RT: 17.180 min Scan# 2413

Delta R.T. -0.012 min

Lab File: BP024463.D

Acq: 29 Apr 2025 17:22

Instrument :

BNA\_P

ClientSampleId :

MH-AMS

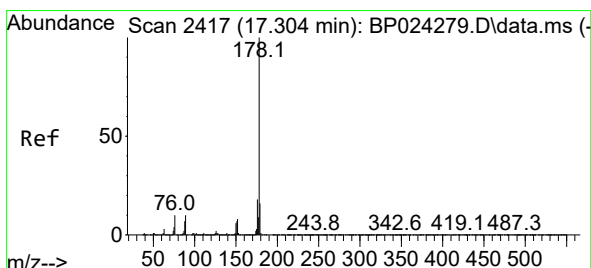
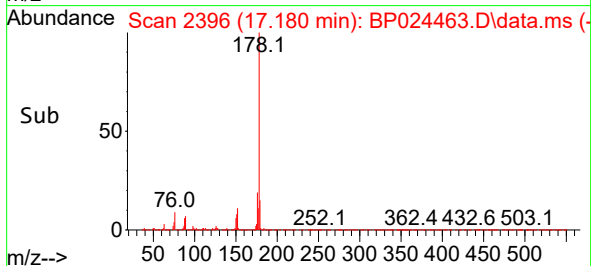
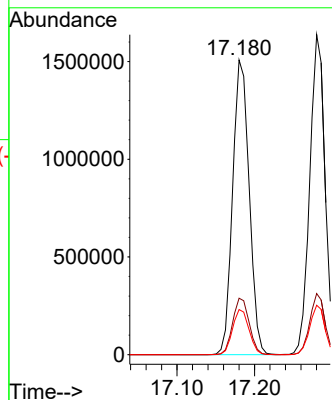
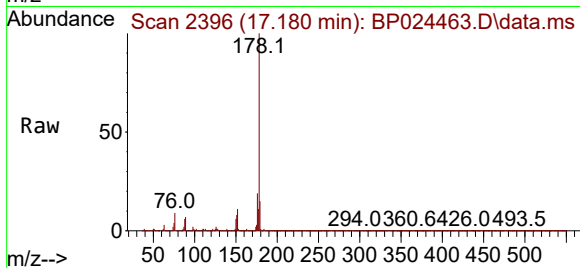
Tgt Ion:178 Resp: 2233026

Ion Ratio Lower Upper

178 100

176 19.2 15.4 23.0

179 15.3 12.5 18.7



#72

Anthracene

Concen: 49.854 ng

RT: 17.280 min Scan# 2413

Delta R.T. -0.006 min

Lab File: BP024463.D

Acq: 29 Apr 2025 17:22

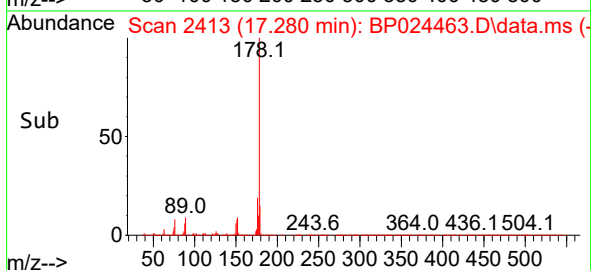
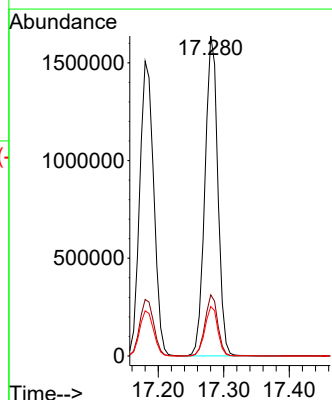
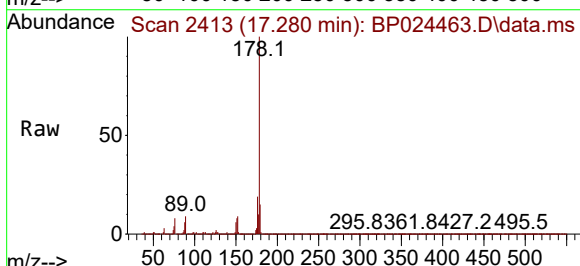
Tgt Ion:178 Resp: 2239269

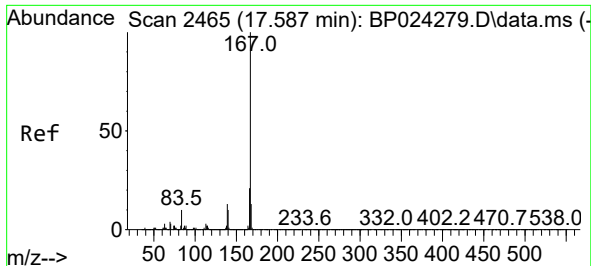
Ion Ratio Lower Upper

178 100

176 19.1 14.7 22.1

179 15.5 12.4 18.6

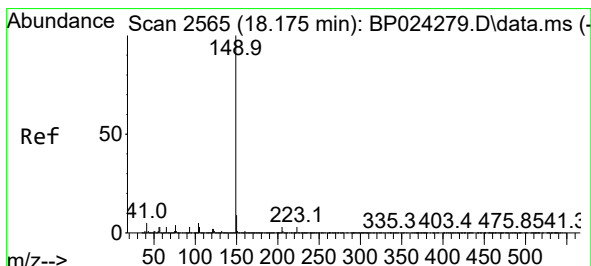
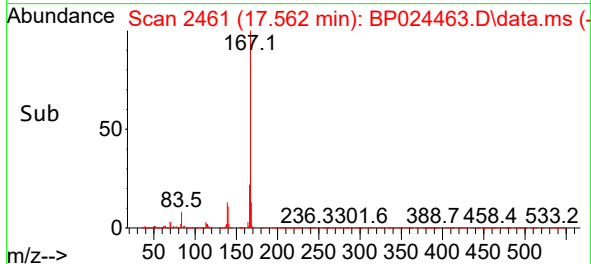
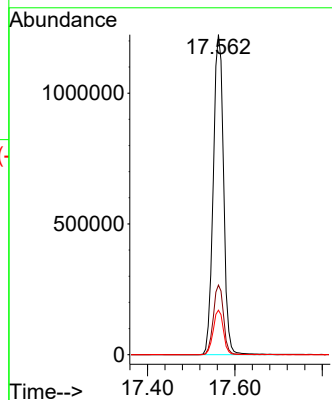
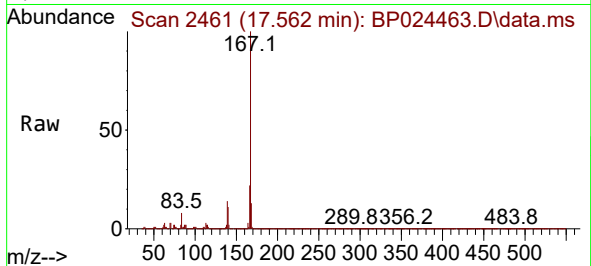




#73  
 Carbazole  
 Concen: 45.671 ng  
 RT: 17.562 min Scan# 2461  
 Delta R.T. -0.006 min  
 Lab File: BP024463.D  
 Acq: 29 Apr 2025 17:22

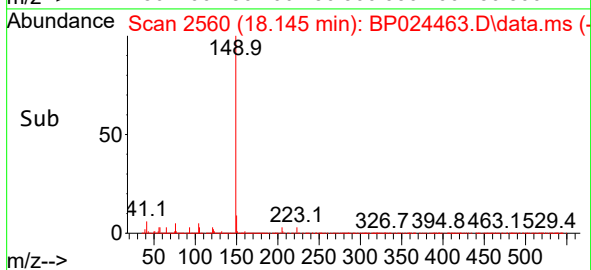
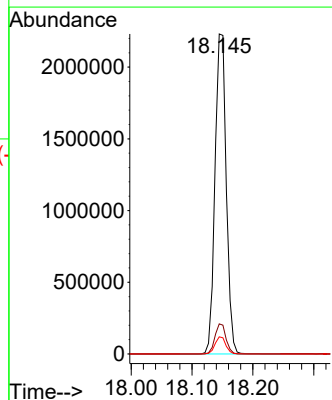
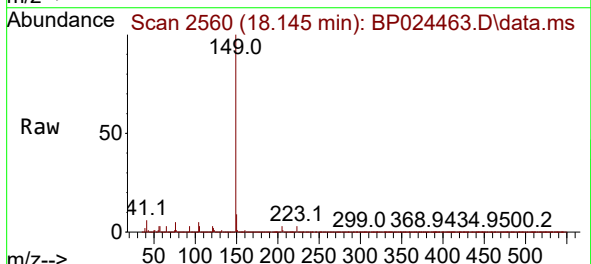
Instrument :  
 BNA\_P  
 ClientSampleId :  
 MH-AMS

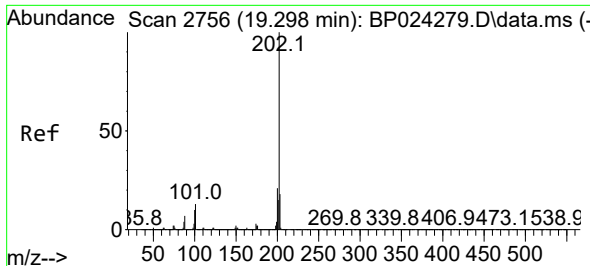
Tgt Ion:167 Resp: 2004400  
 Ion Ratio Lower Upper  
 167 100  
 166 21.8 17.1 25.7  
 139 13.9 10.6 16.0



#74  
 Di-n-butylphthalate  
 Concen: 52.356 ng  
 RT: 18.145 min Scan# 2560  
 Delta R.T. -0.012 min  
 Lab File: BP024463.D  
 Acq: 29 Apr 2025 17:22

Tgt Ion:149 Resp: 2862676  
 Ion Ratio Lower Upper  
 149 100  
 150 9.4 7.4 11.2  
 104 5.4 3.9 5.9

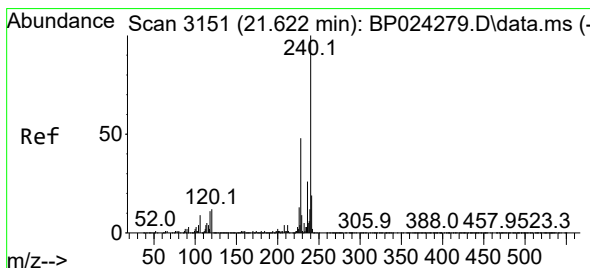
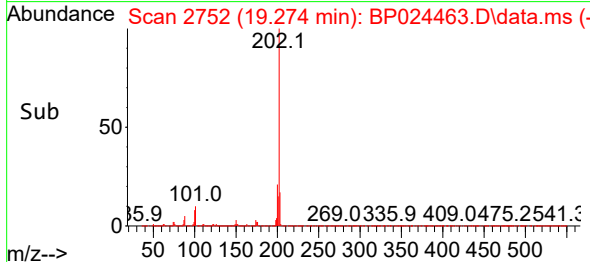
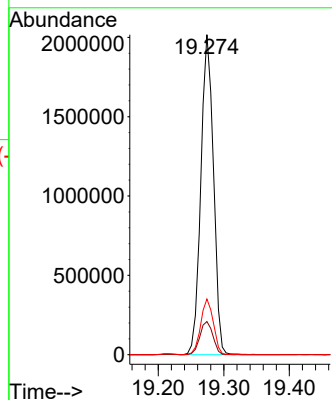
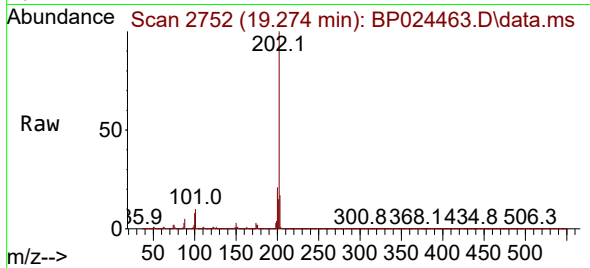




#75  
Fluoranthene  
Concen: 48.788 ng  
RT: 19.274 min Scan# 21  
Delta R.T. -0.006 min  
Lab File: BP024463.D  
Acq: 29 Apr 2025 17:22

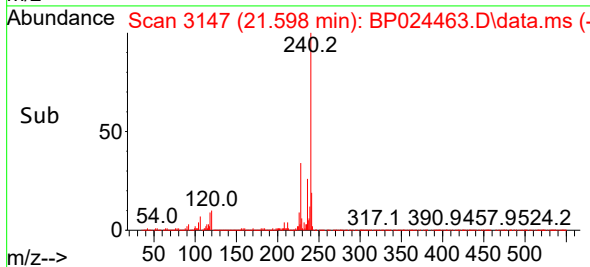
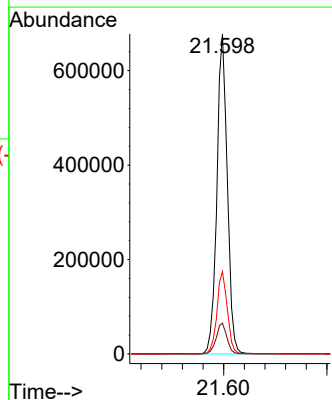
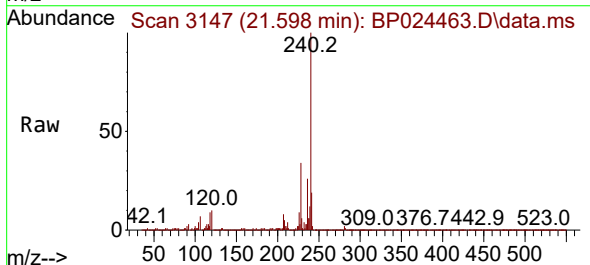
Instrument :  
BNA\_P  
ClientSampleId :  
MH-AMS

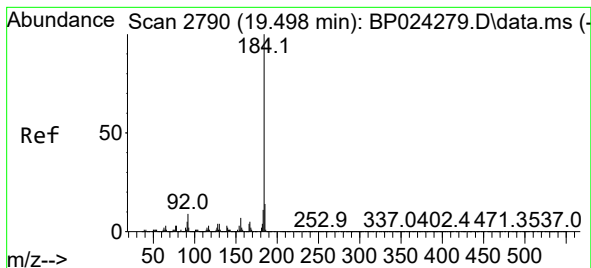
Tgt Ion:202 Resp: 2704191  
Ion Ratio Lower Upper  
202 100  
101 10.3 0.0 33.2  
203 17.4 0.0 37.7



#76  
Chrysene-d12  
Concen: 20.000 ng  
RT: 21.598 min Scan# 3147  
Delta R.T. 0.006 min  
Lab File: BP024463.D  
Acq: 29 Apr 2025 17:22

Tgt Ion:240 Resp: 948102  
Ion Ratio Lower Upper  
240 100  
120 9.7 9.8 14.8#  
236 25.8 20.9 31.3





#77

Benzidine

Concen: 4.964 ng

RT: 19.486 min Scan# 21

Delta R.T. 0.006 min

Lab File: BP024463.D

Acq: 29 Apr 2025 17:22

Instrument :

BNA\_P

ClientSampleId :

MH-AMS

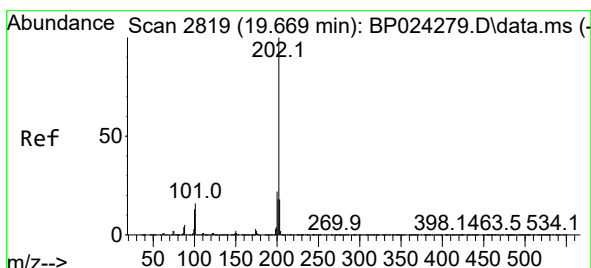
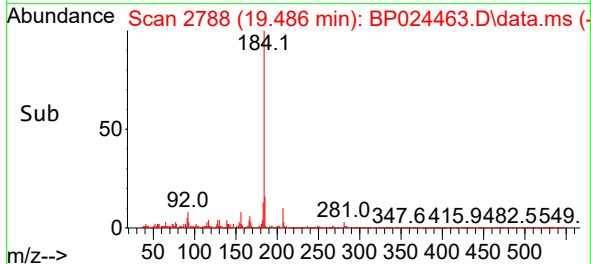
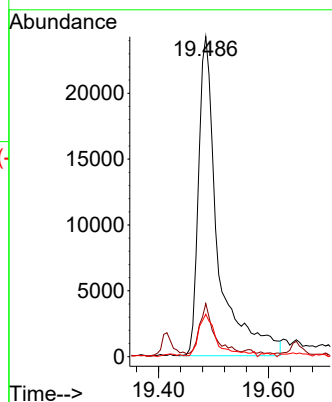
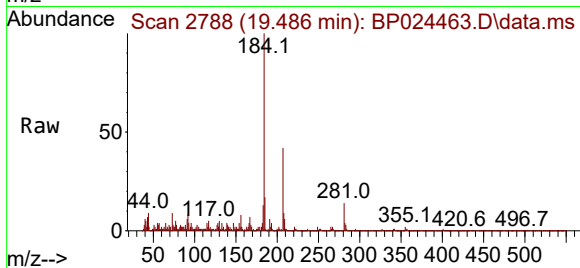
Tgt Ion:184 Resp: 59652

Ion Ratio Lower Upper

184 100

185 16.6 11.6 17.4

183 13.3 9.2 13.8



#78

Pyrene

Concen: 46.183 ng

RT: 19.651 min Scan# 2816

Delta R.T. -0.000 min

Lab File: BP024463.D

Acq: 29 Apr 2025 17:22

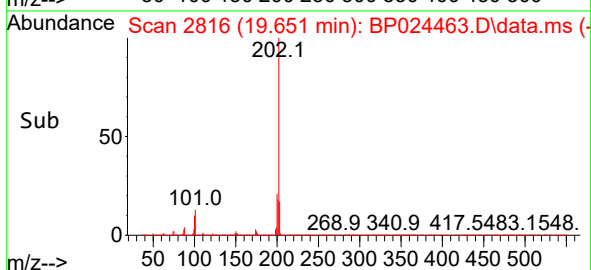
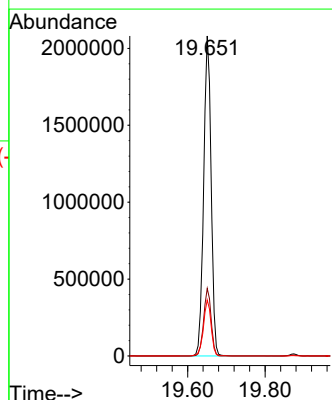
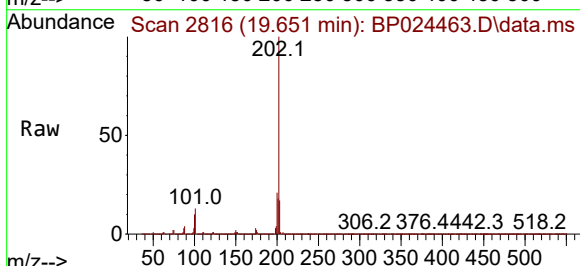
Tgt Ion:202 Resp: 2782654

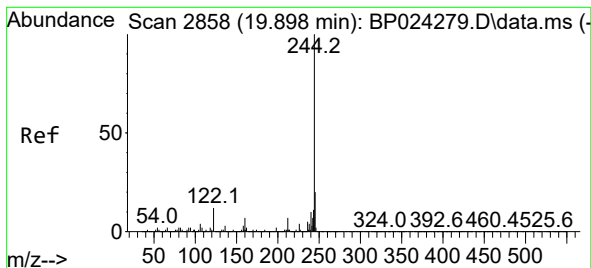
Ion Ratio Lower Upper

202 100

200 21.1 17.2 25.8

203 17.5 14.4 21.6





#79

Terphenyl-d14

Concen: 97.330 ng

RT: 19.874 min Scan# 21

Delta R.T. -0.000 min

Lab File: BP024463.D

Acq: 29 Apr 2025 17:22

Instrument :

BNA\_P

ClientSampleId :

MH-AMS

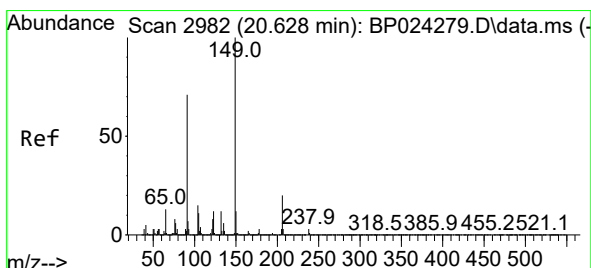
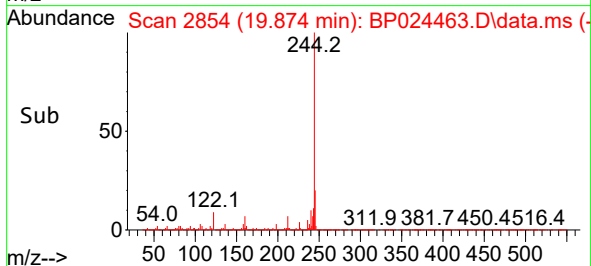
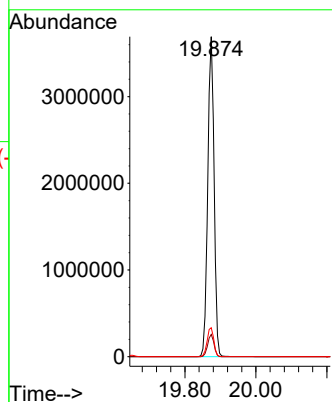
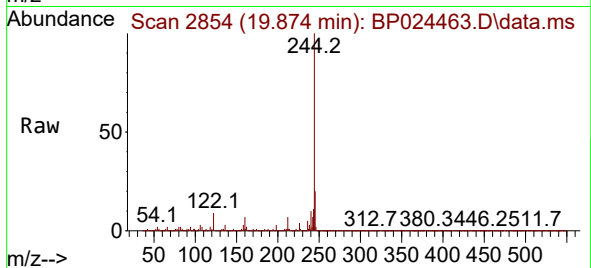
Tgt Ion:244 Resp: 4578147

Ion Ratio Lower Upper

244 100

212 6.9 5.6 8.4

122 9.0 9.4 14.0#



#80

Butylbenzylphthalate

Concen: 51.827 ng

RT: 20.604 min Scan# 2978

Delta R.T. -0.000 min

Lab File: BP024463.D

Acq: 29 Apr 2025 17:22

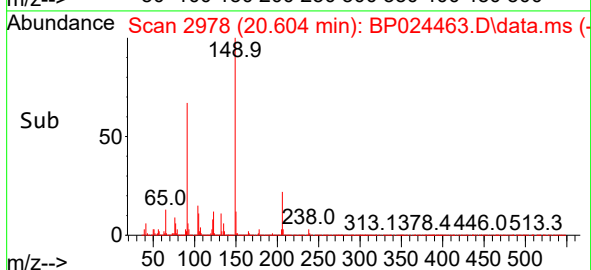
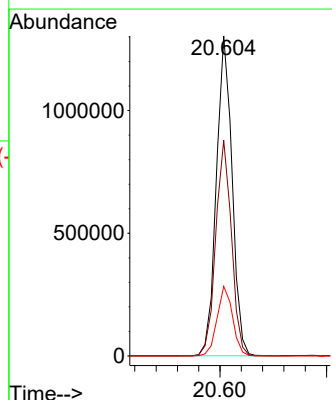
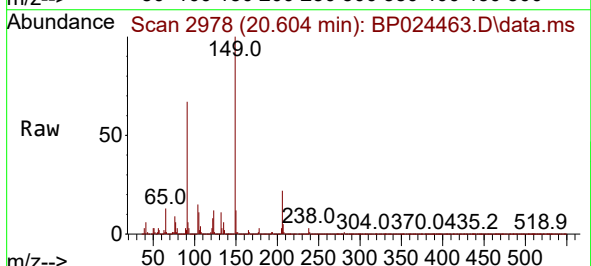
Tgt Ion:149 Resp: 1337546

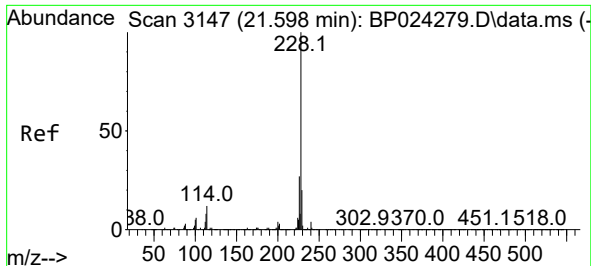
Ion Ratio Lower Upper

149 100

91 67.4 56.4 84.6

206 21.8 16.3 24.5

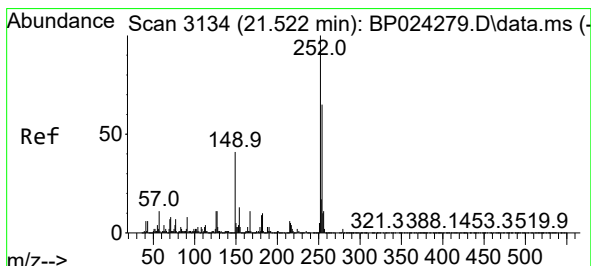
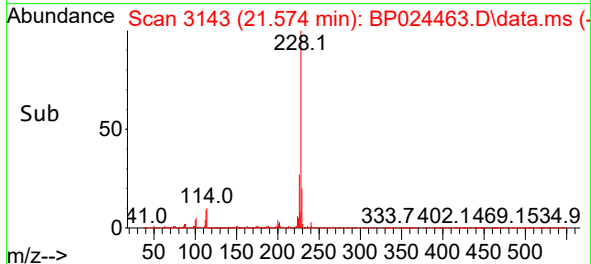
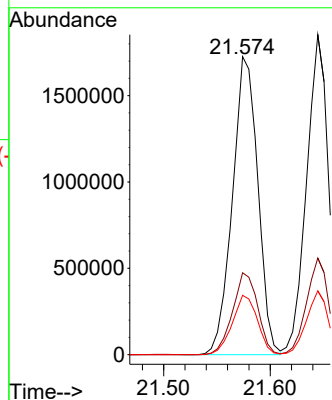
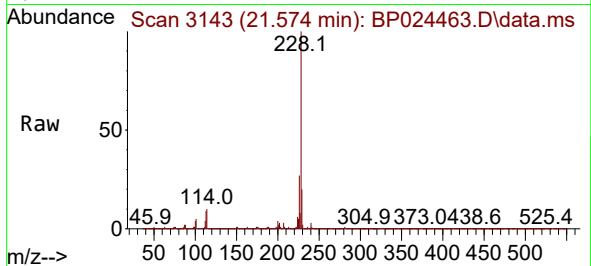




#81  
Benzo(a)anthracene  
Concen: 48.600 ng  
RT: 21.574 min Scan# 3147  
Delta R.T. 0.006 min  
Lab File: BP024463.D  
Acq: 29 Apr 2025 17:22

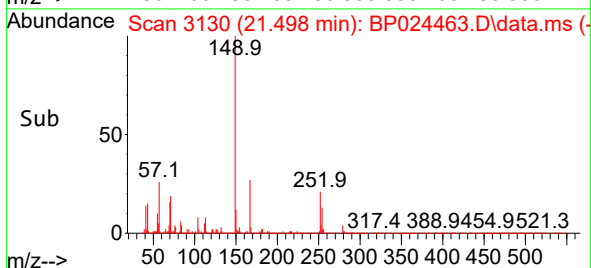
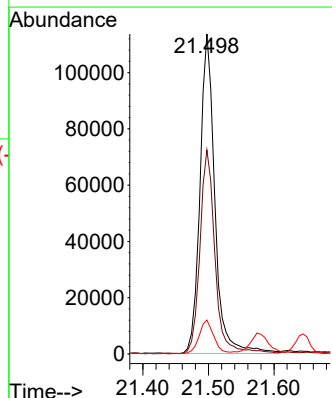
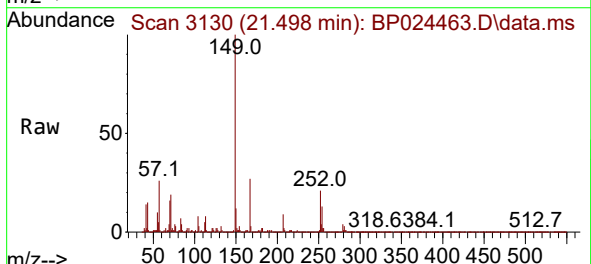
Instrument :  
BNA\_P  
ClientSampleId :  
MH-AMS

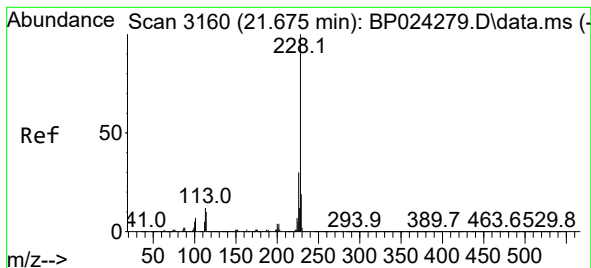
Tgt Ion:228 Resp: 2864040  
Ion Ratio Lower Upper  
228 100  
226 27.5 21.8 32.8  
229 19.9 15.9 23.9



#82  
3,3'-Dichlorobenzidine  
Concen: 8.697 ng  
RT: 21.498 min Scan# 3130  
Delta R.T. 0.006 min  
Lab File: BP024463.D  
Acq: 29 Apr 2025 17:22

Tgt Ion:252 Resp: 179894  
Ion Ratio Lower Upper  
252 100  
254 63.8 51.7 77.5  
126 10.6 8.8 13.2





#83

Chrysene

Concen: 47.483 ng

RT: 21.645 min Scan# 3160

Delta R.T. 0.006 min

Lab File: BP024463.D

Acq: 29 Apr 2025 17:22

Instrument :

BNA\_P

ClientSampleId :

MH-AMS

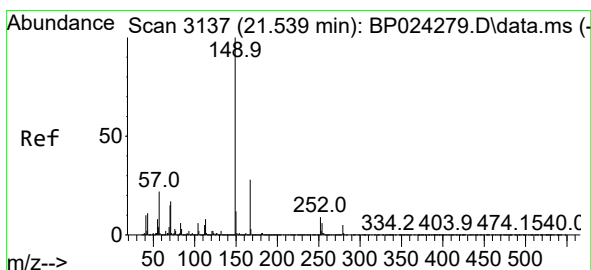
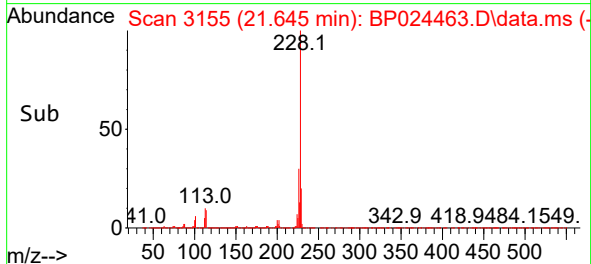
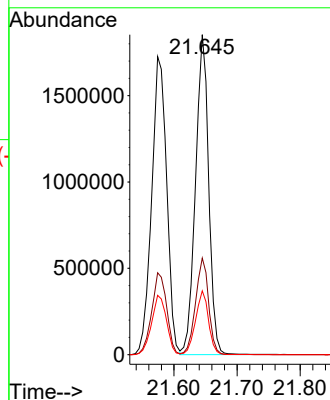
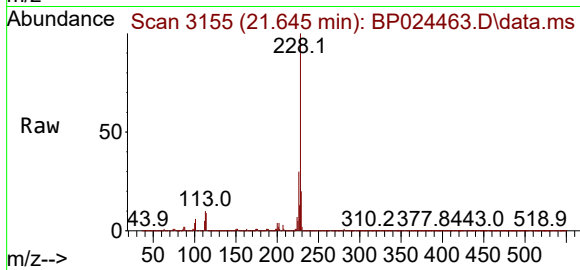
Tgt Ion:228 Resp: 2680814

Ion Ratio Lower Upper

228 100

226 30.2 24.2 36.2

229 20.0 15.6 23.4



#84

Bis(2-ethylhexyl)phthalate

Concen: 52.192 ng

RT: 21.509 min Scan# 3132

Delta R.T. -0.000 min

Lab File: BP024463.D

Acq: 29 Apr 2025 17:22

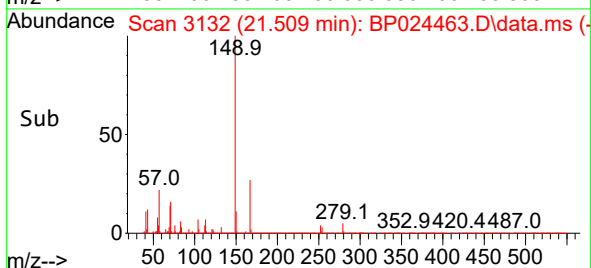
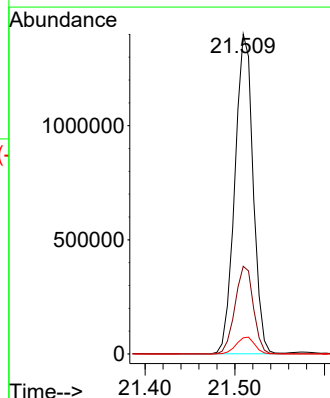
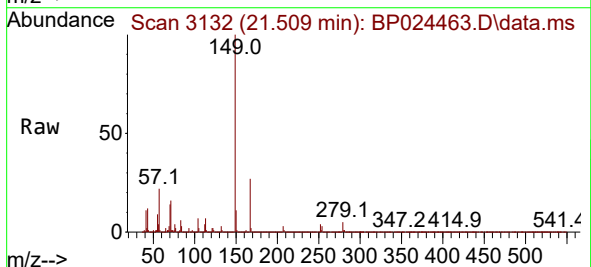
Tgt Ion:149 Resp: 1974581

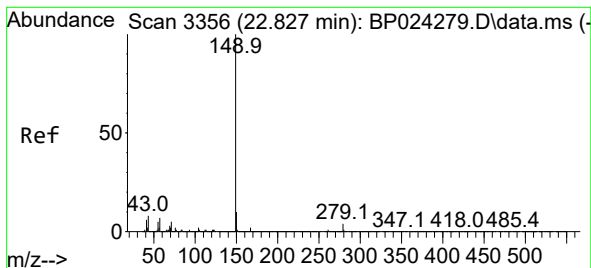
Ion Ratio Lower Upper

149 100

167 27.4 22.4 33.6

279 5.1 4.0 6.0





#85

Di-n-octyl phthalate

Concen: 54.208 ng

RT: 22.786 min Scan# 31

Delta R.T. -0.000 min

Lab File: BP024463.D

Acq: 29 Apr 2025 17:22

Instrument :

BNA\_P

ClientSampleId :

MH-AMS

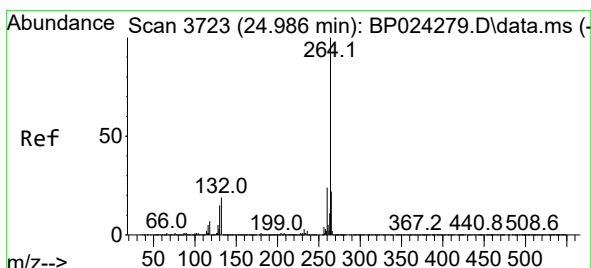
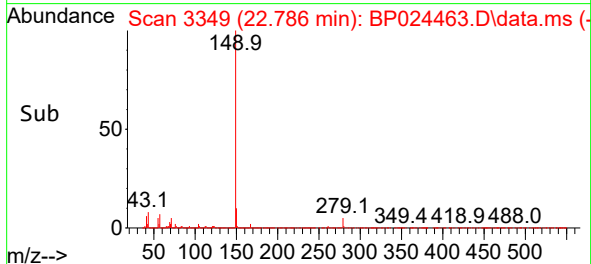
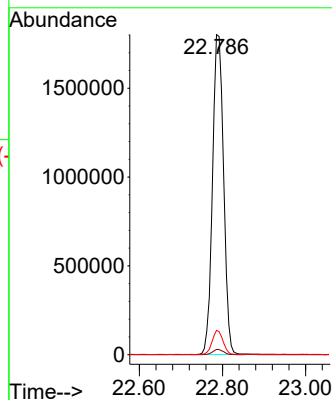
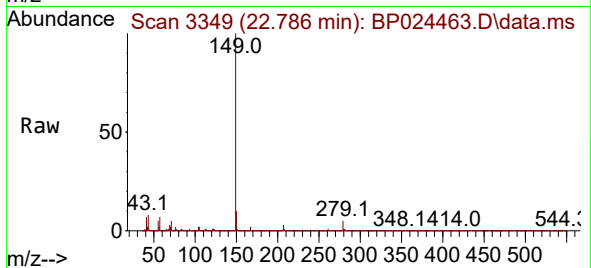
Tgt Ion:149 Resp: 3334131

Ion Ratio Lower Upper

149 100

167 1.6 1.2 1.8

43 7.3 6.0 9.0



#86

Perylene-d12

Concen: 20.000 ng

RT: 24.944 min Scan# 3716

Delta R.T. 0.011 min

Lab File: BP024463.D

Acq: 29 Apr 2025 17:22

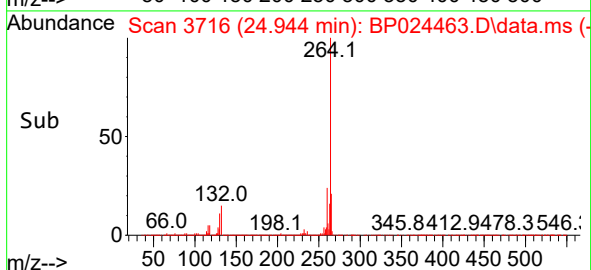
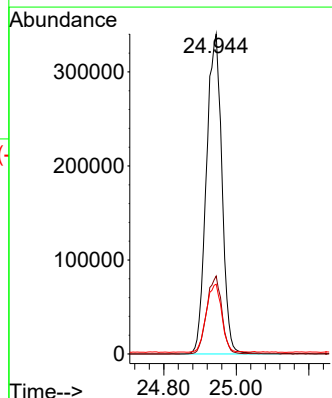
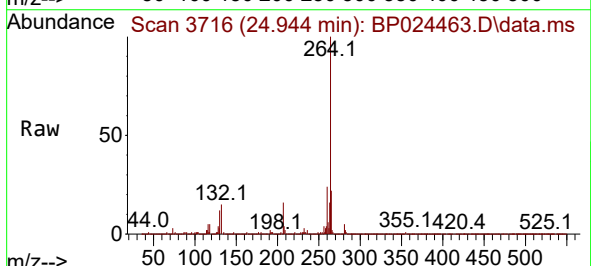
Tgt Ion:264 Resp: 1010012

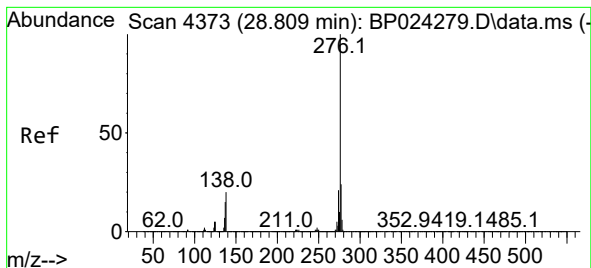
Ion Ratio Lower Upper

264 100

260 24.4 18.9 28.3

265 21.8 17.8 26.6





#87

Indeno(1,2,3-cd)pyrene

Concen: 56.780 ng m

RT: 28.744 min Scan# 41

Delta R.T. 0.006 min

Lab File: BP024463.D

Acq: 29 Apr 2025 17:22

Instrument :

BNA\_P

ClientSampleId :

MH-AMS

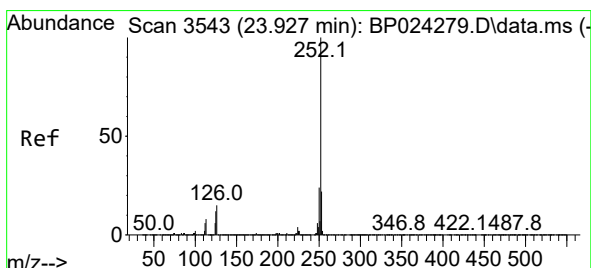
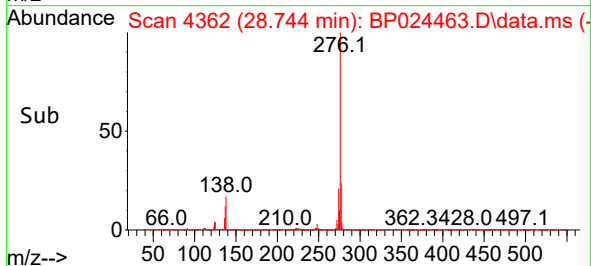
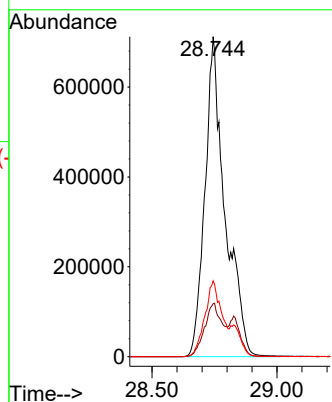
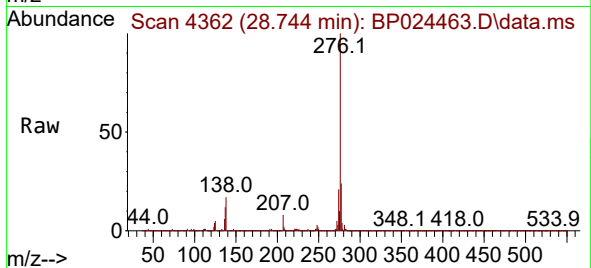
Tgt Ion:276 Resp: 3981408

Ion Ratio Lower Upper

276 100

138 15.0 14.5 21.7

277 20.3 20.2 30.2



#88

Benzo(b)fluoranthene

Concen: 52.327 ng

RT: 23.886 min Scan# 3536

Delta R.T. -0.000 min

Lab File: BP024463.D

Acq: 29 Apr 2025 17:22

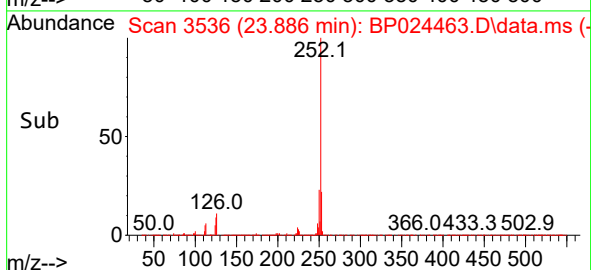
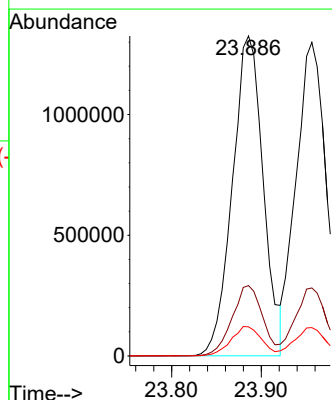
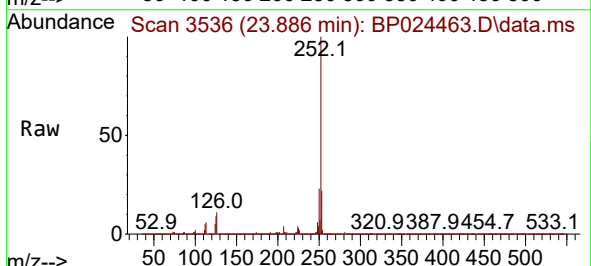
Tgt Ion:252 Resp: 3167956

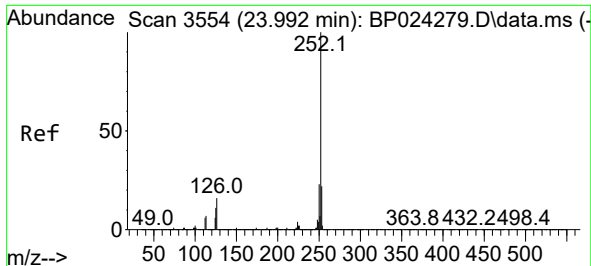
Ion Ratio Lower Upper

252 100

253 22.0 17.7 26.5

125 9.1 9.4 14.0#

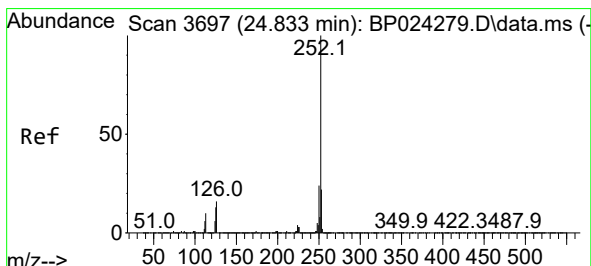
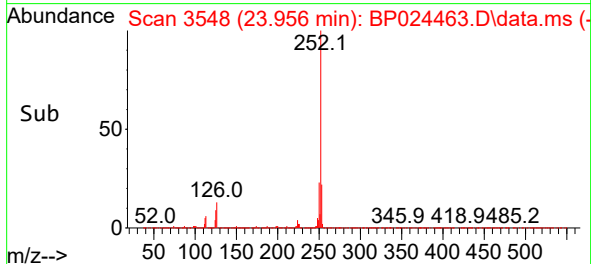
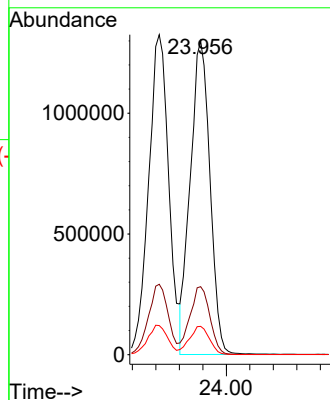
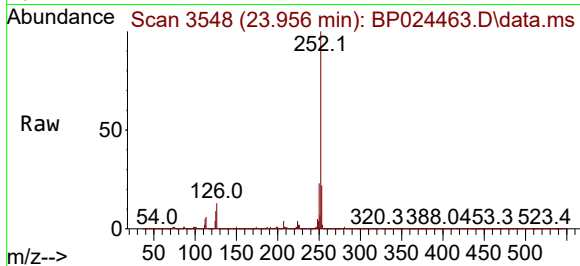




#89  
Benzo(k)fluoranthene  
Concen: 51.618 ng  
RT: 23.956 min Scan# 31  
Delta R.T. -0.000 min  
Lab File: BP024463.D  
Acq: 29 Apr 2025 17:22

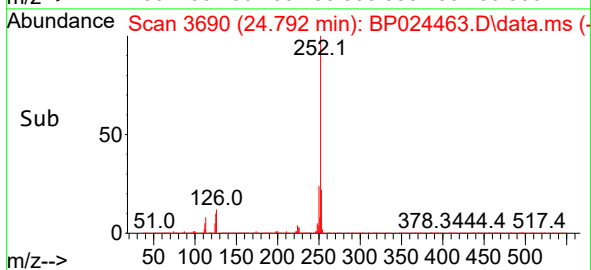
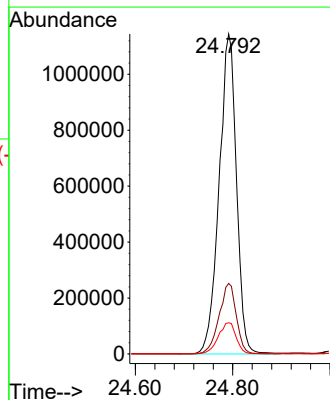
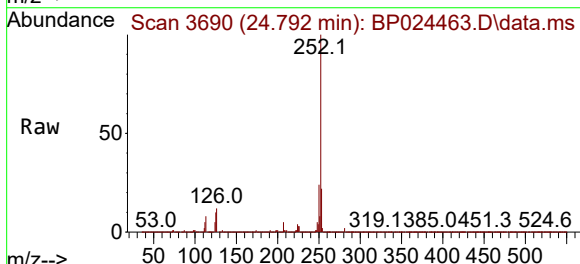
Instrument :  
BNA\_P  
ClientSampleId :  
MH-AMS

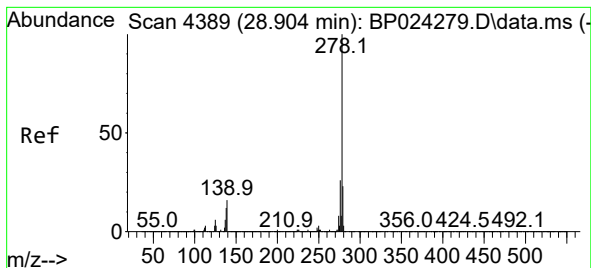
Tgt Ion:252 Resp: 3018588  
Ion Ratio Lower Upper  
252 100  
253 21.7 17.7 26.5  
125 9.0 9.1 13.7#



#90  
Benzo(a)pyrene  
Concen: 54.166 ng  
RT: 24.792 min Scan# 3690  
Delta R.T. 0.011 min  
Lab File: BP024463.D  
Acq: 29 Apr 2025 17:22

Tgt Ion:252 Resp: 2828702  
Ion Ratio Lower Upper  
252 100  
253 22.0 17.6 26.4  
125 9.8 10.1 15.1#





#91

Dibenzo(a,h)anthracene

Concen: 56.433 ng

RT: 28.827 min Scan# 41

Delta R.T. 0.023 min

Lab File: BP024463.D

Acq: 29 Apr 2025 17:22

Instrument :

BNA\_P

ClientSampleId :

MH-AMS

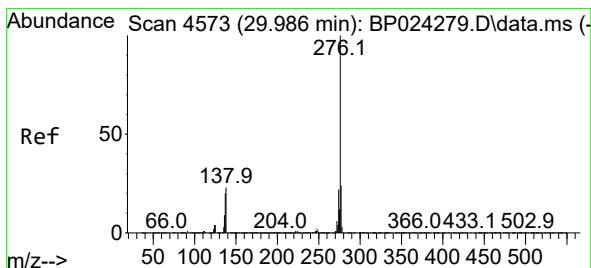
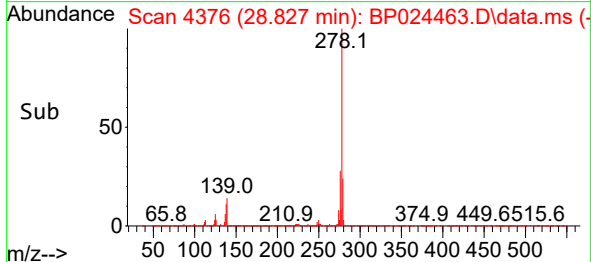
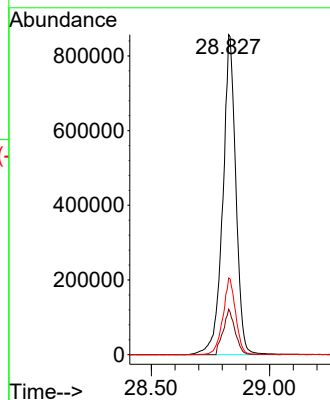
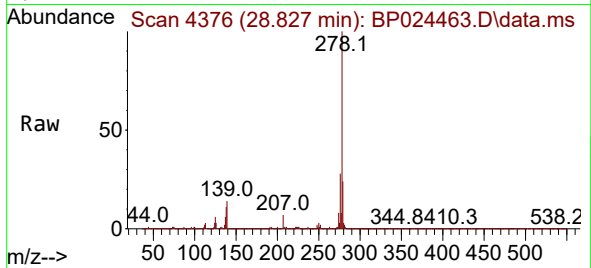
Tgt Ion:278 Resp: 3284486

Ion Ratio Lower Upper

278 100

139 14.2 12.6 19.0

279 23.9 18.5 27.7



#92

Benzo(g,h,i)perylene

Concen: 53.218 ng

RT: 29.938 min Scan# 4565

Delta R.T. 0.041 min

Lab File: BP024463.D

Acq: 29 Apr 2025 17:22

Tgt Ion:276 Resp: 3152649

Ion Ratio Lower Upper

276 100

277 23.4 18.9 28.3

138 19.3 18.7 28.1

