

Data Path : Z:\svoasrv\HPCHEM1\BNA\_P\Data\BP043025\  
 Data File : BP024477.D  
 Acq On : 30 Apr 2025 17:28  
 Operator : RC/JU  
 Sample : Q1892-12  
 Misc :  
 ALS Vial : 10 Sample Multiplier: 1

Instrument :  
 BNA\_P  
 ClientSampleId :  
 MH-U2

Quant Time: Apr 30 17:56:37 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     | 7.711  | 152  | 134109   | 20.000  | ng    | -0.01    |
| 21) Naphthalene-d8            | 10.481 | 136  | 520002   | 20.000  | ng    | #-0.02   |
| 39) Acenaphthene-d10          | 14.340 | 164  | 312507   | 20.000  | ng    | -0.01    |
| 64) Phenanthrene-d10          | 17.145 | 188  | 617063   | 20.000  | ng    | 0.00     |
| 76) Chrysene-d12              | 21.598 | 240  | 655407   | 20.000  | ng    | 0.00     |
| 86) Perylene-d12              | 24.951 | 264  | 649035   | 20.000  | ng    | 0.02     |
|                               |        |      |          |         |       |          |
| System Monitoring Compounds   |        |      |          |         |       |          |
| 5) 2-Fluorophenol             | 5.334  | 112  | 1035433  | 127.660 | ng    | -0.01    |
| 7) Phenol-d6                  | 6.899  | 99   | 1224988  | 110.300 | ng    | -0.01    |
| 23) Nitrobenzene-d5           | 8.858  | 82   | 802459   | 87.994  | ng    | -0.01    |
| 42) 2,4,6-Tribromophenol      | 15.857 | 330  | 668747   | 154.670 | ng    | 0.00     |
| 45) 2-Fluorobiphenyl          | 12.946 | 172  | 1740733  | 85.286  | ng    | -0.02    |
| 79) Terphenyl-d14             | 19.875 | 244  | 2738975  | 84.234  | ng    | 0.00     |
|                               |        |      |          |         |       |          |
| Target Compounds              |        |      |          |         |       | Qvalue   |
| 2) 1,4-Dioxane                | 3.270  | 88   | 155      | 0.045   | ng    | # 1      |
| 3) Pyridine                   | 3.687  | 79   | 54       | 0.006   | ng    | # 1      |
| 4) n-Nitrosodimethylamine     | 3.558  | 42   | 246      | 0.082   | ng    | # 1      |
| 6) Aniline                    | 7.040  | 93   | 109      | 0.011   | ng    | # 1      |
| 8) 2-Chlorophenol             | 7.281  | 128  | 24       | 0.003   | ng    | 75       |
| 9) Benzaldehyde               | 6.899  | 77   | 2718     | 0.495   | ng    | # 7      |
| 10) Phenol                    | 6.917  | 94   | 1109     | 0.100   | ng    | # 1      |
| 11) bis(2-Chloroethyl)ether   | 7.040  | 93   | 109      | 0.012   | ng    | 84       |
| 12) 1,3-Dichlorobenzene       | 7.616  | 146  | 22       | 0.002   | ng    | # 66     |
| 13) 1,4-Dichlorobenzene       | 7.616  | 146  | 25       | 0.003   | ng    | 91       |
| 14) 1,2-Dichlorobenzene       | 8.022  | 146  | 20       | 0.002   | ng    | 97       |
| 15) Benzyl Alcohol            | 7.952  | 79   | 168      | 0.023   | ng    | # 59     |
| 16) 2,2'-oxybis(1-Chloropr... | 8.216  | 45   | 150      | 0.015   | ng    | 86       |
| 17) 2-Methylphenol            | 8.169  | 107  | 46       | 0.006   | ng    | # 1      |
| 18) Hexachloroethane          | 8.763  | 117  | 19       | 0.005   | ng    | # 41     |
| 19) n-Nitroso-di-n-propyla... | 8.499  | 70   | 69       | 0.010   | ng    | # 1      |
| 20) 3+4-Methylphenols         | 8.475  | 107  | 23       | 0.002   | ng    | # 1      |
| 22) Acetophenone              | 8.528  | 105  | 1164     | 0.090   | ng    | # 39     |
| 24) Nitrobenzene              | 8.858  | 77   | 2933     | 0.325   | ng    | # 49     |
| 25) Isophorone                | 9.411  | 82   | 185      | 0.011   | ng    | # 51     |
| 26) 2-Nitrophenol             | 9.563  | 139  | 45       | 0.010   | ng    | # 1      |
| 28) bis(2-Chloroethoxy)met... | 9.887  | 93   | 68       | 0.006   | ng    | # 1      |
| 29) 2,4-Dichlorophenol        | 10.158 | 162  | 18       | 0.002   | ng    | # 1      |
| 30) 1,2,4-Trichlorobenzene    | 10.346 | 180  | 21       | 0.003   | ng    | # 1      |
| 31) Naphthalene               | 10.528 | 128  | 160      | 0.006   | ng    | # 89     |
| 32) Benzoic acid              | 9.781  | 122  | 93626m   | 14.495  | ng    |          |
| 33) 4-Chloroaniline           | 10.640 | 127  | 49       | 0.005   | ng    | # 1      |
| 34) Hexachlorobutadiene       | 10.805 | 225  | 21       | 0.004   | ng    | # 77     |
| 35) Caprolactam               | 11.446 | 113  | 106      | 0.038   | ng    | # 80     |
| 36) 4-Chloro-3-methylphenol   | 11.752 | 107  | 127      | 0.014   | ng    | # 72     |
| 37) 2-Methylnaphthalene       | 12.163 | 142  | 286      | 0.015   | ng    | # 45     |
| 38) 1-Methylnaphthalene       | 12.357 | 142  | 53       | 0.003   | ng    | # 1      |
| 40) 1,2,4,5-Tetrachloroben... | 12.522 | 216  | 19       | 0.002   | ng    | # 1      |
| 41) Hexachlorocyclopentadiene | 12.469 | 237  | 13       | 0.004   | ng    | 80       |
| 43) 2,4,6-Trichlorophenol     | 12.781 | 196  | 22       | 0.004   | ng    | # 25     |
| 44) 2,4,5-Trichlorophenol     | 12.852 | 196  | 17       | 0.003   | ng    | # 1      |

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 Sample : Q1892-12  
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 ALS Vial : 10 Sample Multiplier: 1

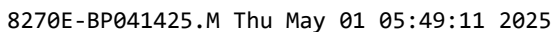
Instrument :  
 BNA\_P  
 ClientSampleId :  
 MH-U2

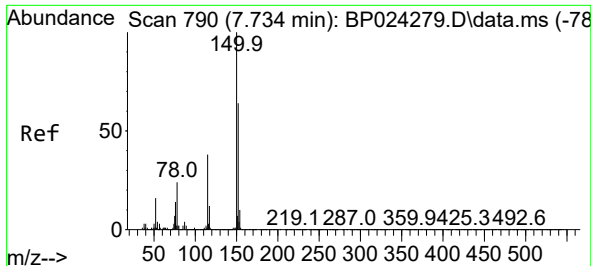
Quant Time: Apr 30 17:56:37 2025  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_P\Methods\8270E-BP041425.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Fri Apr 18 12:04:48 2025  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc  | Units | Dev(Min) |
|-------------------------------|--------|------|----------|-------|-------|----------|
| 46) 1,1'-Biphenyl             | 12.946 | 154  | 3794     | 0.165 | ng    | # 1      |
| 47) 2-Chloronaphthalene       | 13.204 | 162  | 10       | 0.001 | ng    | # 1      |
| 48) 2-Nitroaniline            | 13.404 | 65   | 85       | 0.018 | ng    | # 26     |
| 49) Acenaphthylene            | 14.069 | 152  | 113      | 0.004 | ng    | # 36     |
| 50) Dimethylphthalate         | 13.793 | 163  | 112499   | 4.950 | ng    | 100      |
| 51) 2,6-Dinitrotoluene        | 13.922 | 165  | 54       | 0.011 | ng    | # 69     |
| 52) Acenaphthene              | 14.404 | 154  | 261      | 0.015 | ng    | # 68     |
| 53) 3-Nitroaniline            | 14.246 | 138  | 76       | 0.015 | ng    | # 39     |
| 54) 2,4-Dinitrophenol         | 14.440 | 184  | 26       | 0.009 | ng    | # 1      |
| 55) Dibenzofuran              | 14.751 | 168  | 95       | 0.003 | ng    | # 45     |
| 56) 4-Nitrophenol             | 14.581 | 139  | 46       | 0.011 | ng    | # 5      |
| 57) 2,4-Dinitrotoluene        | 14.704 | 165  | 64       | 0.010 | ng    | # 56     |
| 58) Fluorene                  | 15.416 | 166  | 187      | 0.009 | ng    | # 48     |
| 59) 2,3,4,6-Tetrachlorophenol | 14.998 | 232  | 20       | 0.003 | ng    | # 1      |
| 60) Diethylphthalate          | 15.175 | 149  | 3219     | 0.137 | ng    | # 95     |
| 61) 4-Chlorophenyl-phenyle... | 15.387 | 204  | 14       | 0.001 | ng    | # 1      |
| 62) 4-Nitroaniline            | 15.428 | 138  | 27       | 0.005 | ng    | # 76     |
| 63) Azobenzene                | 15.734 | 77   | 456      | 0.021 | ng    | # 50     |
| 65) 4,6-Dinitro-2-methylph... | 15.510 | 198  | 28       | 0.007 | ng    | # 1      |
| 66) n-Nitrosodiphenylamine    | 15.851 | 169  | 18093    | 0.982 | ng    | # 50     |
| 67) 4-Bromophenyl-phenylether | 16.310 | 248  | 23       | 0.003 | ng    | # 1      |
| 68) Hexachlorobenzene         | 16.422 | 284  | 32       | 0.004 | ng    | # 1      |
| 69) Atrazine                  | 16.757 | 200  | 13       | 0.003 | ng    | 77       |
| 70) Pentachlorophenol         | 16.763 | 266  | 26       | 0.005 | ng    | 92       |
| 71) Phenanthrene              | 17.187 | 178  | 495      | 0.015 | ng    | # 58     |
| 72) Anthracene                | 17.304 | 178  | 103      | 0.003 | ng    | # 6      |
| 73) Carbazole                 | 17.592 | 167  | 268      | 0.008 | ng    | # 65     |
| 74) Di-n-butylphthalate       | 18.157 | 149  | 9146     | 0.232 | ng    | # 98     |
| 75) Fluoranthene              | 19.286 | 202  | 378      | 0.009 | ng    | # 1      |
| 77) Benzidine                 | 19.475 | 184  | 48       | 0.006 | ng    | # 1      |
| 78) Pyrene                    | 19.657 | 202  | 974      | 0.023 | ng    | # 52     |
| 80) Butylbenzylphthalate      | 20.610 | 149  | 1001     | 0.056 | ng    | # 77     |
| 81) Benzo(a)anthracene        | 21.598 | 228  | 2468     | 0.061 | ng    | # 66     |
| 82) 3,3'-Dichlorobenzidine    | 21.480 | 252  | 148      | 0.010 | ng    | # 42     |
| 83) Chrysene                  | 21.645 | 228  | 579      | 0.015 | ng    | # 75     |
| 84) Bis(2-ethylhexyl)phtha... | 21.510 | 149  | 32712    | 1.251 | ng    | 98       |
| 85) Di-n-octyl phthalate      | 22.792 | 149  | 1068     | 0.025 | ng    | # 28     |
| 87) Indeno(1,2,3-cd)pyrene    | 28.733 | 276  | 100      | 0.002 | ng    | # 1      |
| 88) Benzo(b)fluoranthene      | 23.904 | 252  | 1092     | 0.028 | ng    | # 1      |
| 89) Benzo(k)fluoranthene      | 23.957 | 252  | 561      | 0.015 | ng    | # 1      |
| 90) Benzo(a)pyrene            | 24.792 | 252  | 372      | 0.011 | ng    | # 1      |
| 91) Dibenzo(a,h)anthracene    | 28.815 | 278  | 11       | 0.000 | ng    | # 1      |
| 92) Benzo(g,h,i)perylene      | 29.933 | 276  | 137      | 0.004 | ng    | # 78     |

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

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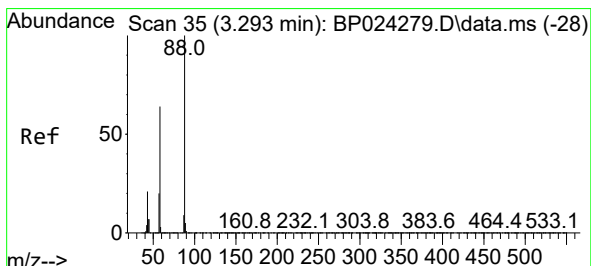
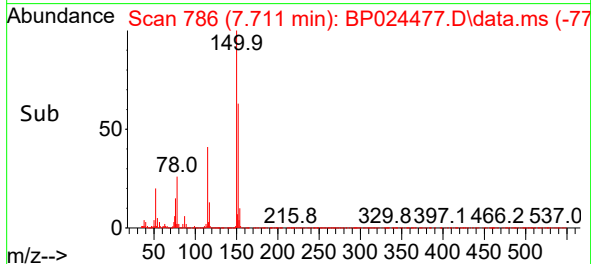
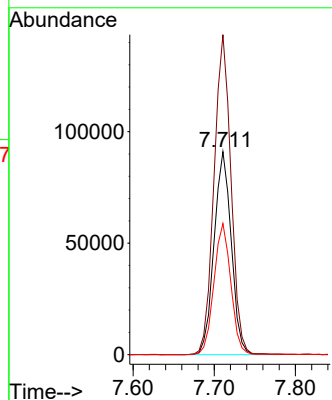
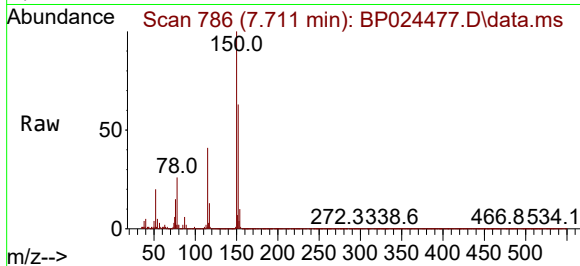




#1  
1,4-Dichlorobenzene-d4  
Concen: 20.000 ng  
RT: 7.711 min Scan# 71  
Delta R.T. -0.011 min  
Lab File: BP024477.D  
Acq: 30 Apr 2025 17:28

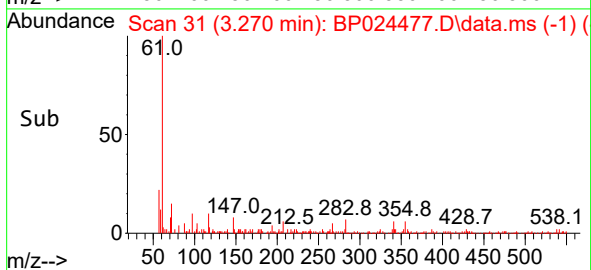
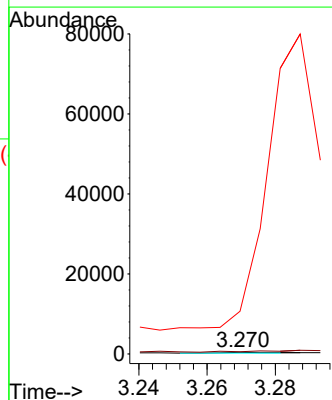
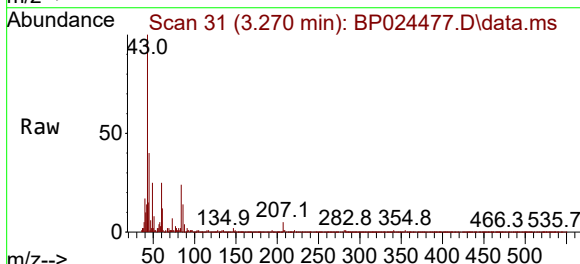
Instrument :  
BNA\_P  
ClientSampleId :  
MH-U2

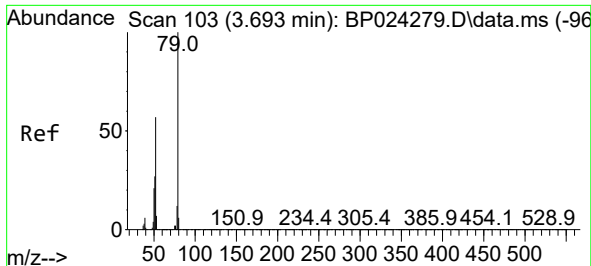
Tgt Ion:152 Resp: 134109  
Ion Ratio Lower Upper  
152 100  
150 157.6 124.9 187.3  
115 64.6 47.7 71.5



#2  
1,4-Dioxane  
Concen: 0.045 ng  
RT: 3.270 min Scan# 31  
Delta R.T. -0.017 min  
Lab File: BP024477.D  
Acq: 30 Apr 2025 17:28

Tgt Ion: 88 Resp: 155  
Ion Ratio Lower Upper  
88 100  
58 534.2 51.4 77.2#  
43 54054.2 17.1 25.7#

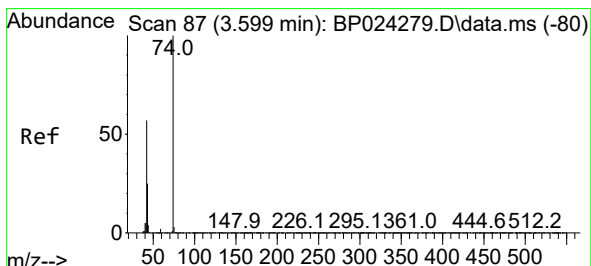
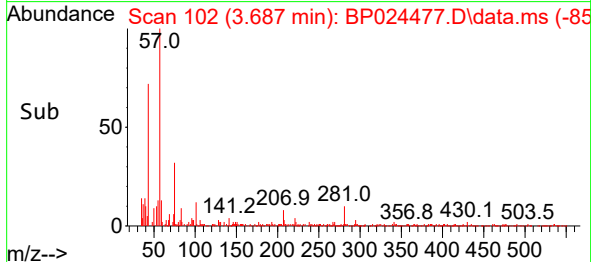
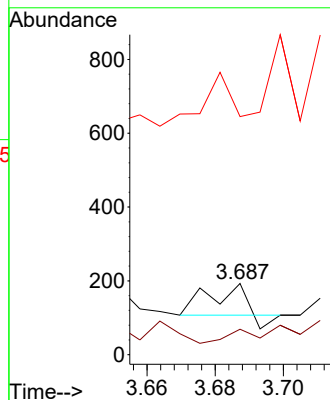
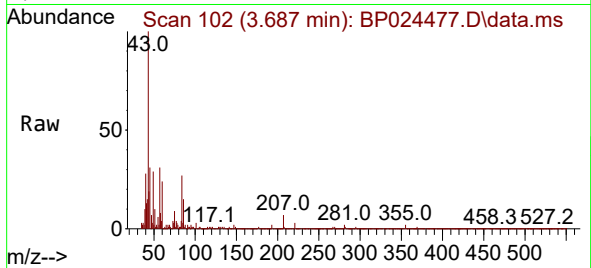




#3  
Pyridine  
Concen: 0.006 ng  
RT: 3.687 min Scan# 103  
Delta R.T. 0.000 min  
Lab File: BP024477.D  
Acq: 30 Apr 2025 17:28

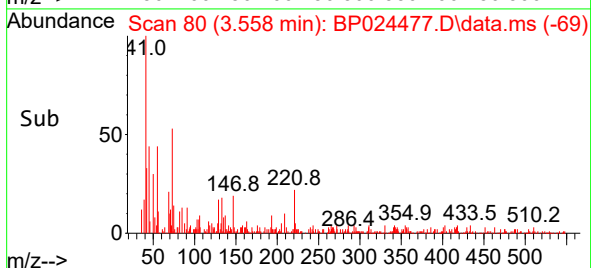
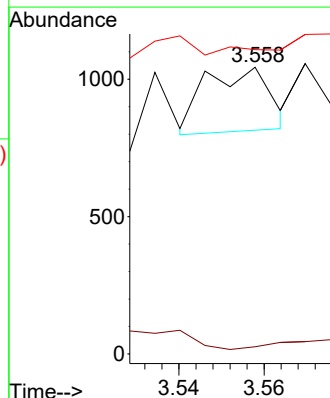
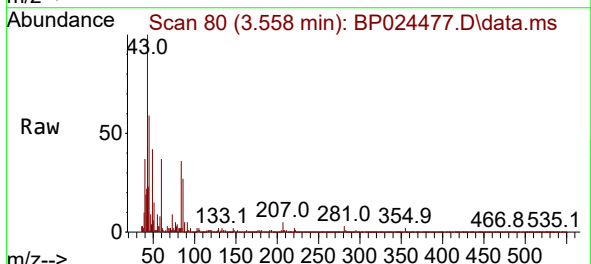
Instrument :  
BNA\_P  
ClientSampleId :  
MH-U2

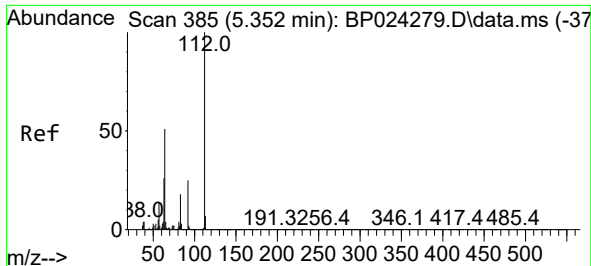
Tgt Ion: 79 Resp: 54  
Ion Ratio Lower Upper  
79 100  
52 35.8 45.4 68.2#  
51 334.2 22.6 33.8#



#4  
n-Nitrosodimethylamine  
Concen: 0.082 ng  
RT: 3.558 min Scan# 80  
Delta R.T. -0.035 min  
Lab File: BP024477.D  
Acq: 30 Apr 2025 17:28

Tgt Ion: 42 Resp: 246  
Ion Ratio Lower Upper  
42 100  
74 2.5 139.5 209.3#  
44 106.1 5.8 8.8#

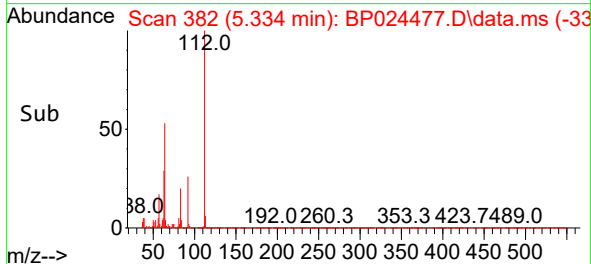
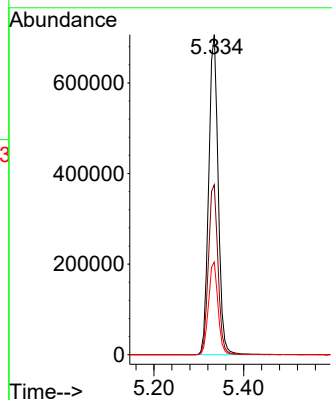
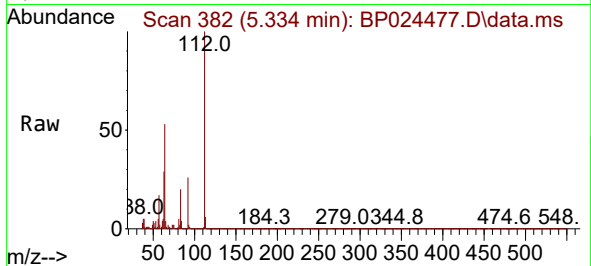




#5  
2-Fluorophenol  
Concen: 127.660 ng  
RT: 5.334 min Scan# 385  
Delta R.T. -0.012 min  
Lab File: BP024477.D  
Acq: 30 Apr 2025 17:28

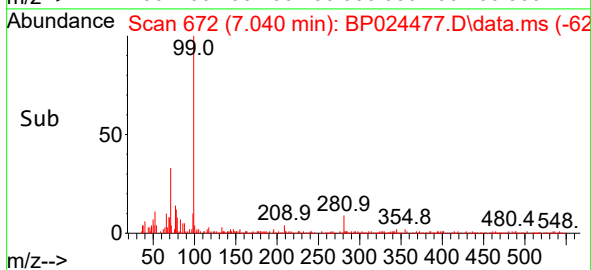
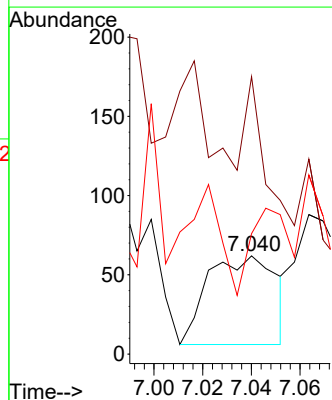
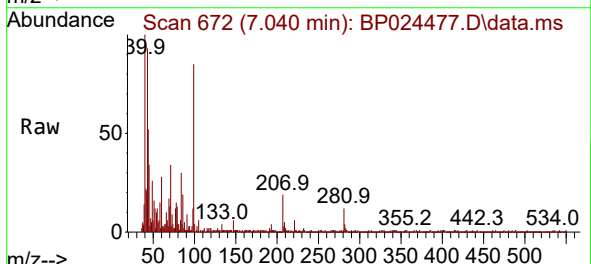
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ClientSampleId :  
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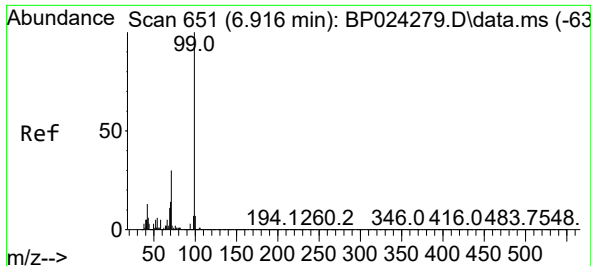
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Ion Ratio Lower Upper  
112 100  
64 53.1 41.1 61.7  
63 29.0 20.6 30.8



#6  
Aniline  
Concen: 0.011 ng  
RT: 7.040 min Scan# 672  
Delta R.T. -0.023 min  
Lab File: BP024477.D  
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Tgt Ion: 93 Resp: 109  
Ion Ratio Lower Upper  
93 100  
66 282.3 29.1 43.7#  
65 122.6 14.7 22.1#

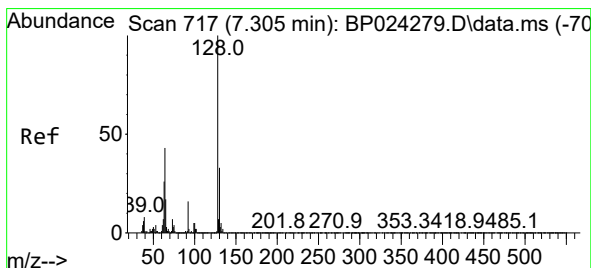
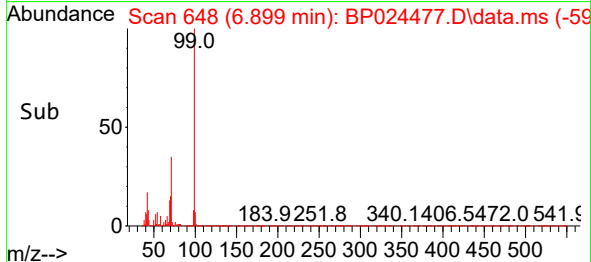
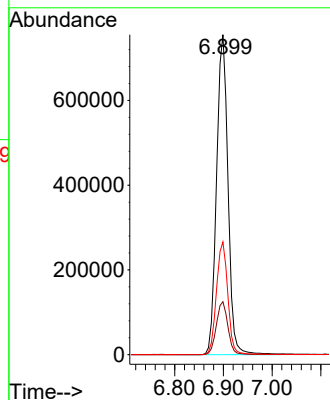
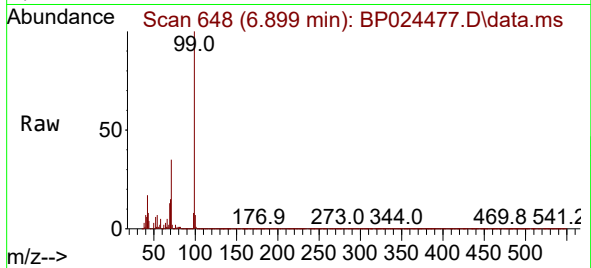




#7  
Phenol-d6  
Concen: 110.300 ng  
RT: 6.899 min Scan# 64  
Delta R.T. -0.012 min  
Lab File: BP024477.D  
Acq: 30 Apr 2025 17:28

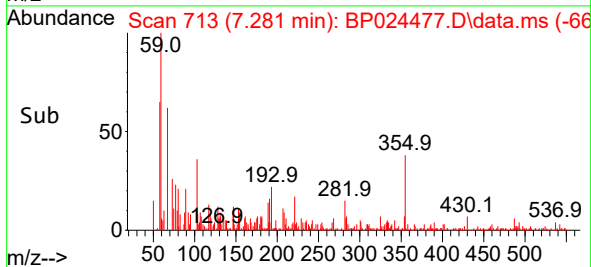
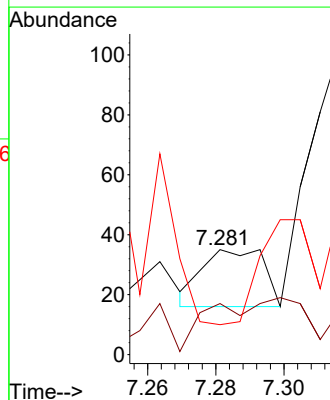
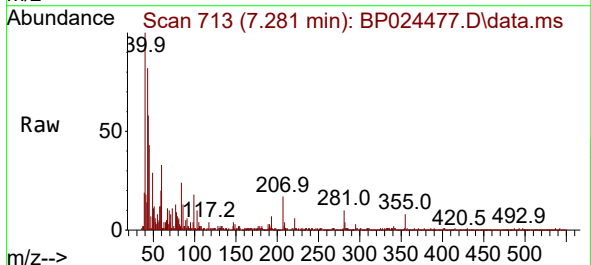
Instrument :  
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ClientSampleId :  
MH-U2

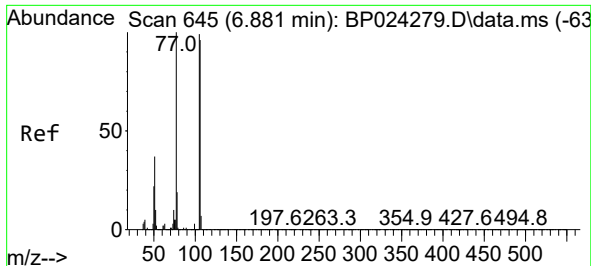
Tgt Ion: 99 Resp: 1224988  
Ion Ratio Lower Upper  
99 100  
42 16.6 10.6 16.0#  
71 35.2 23.7 35.5



#8  
2-Chlorophenol  
Concen: 0.003 ng  
RT: 7.281 min Scan# 713  
Delta R.T. -0.017 min  
Lab File: BP024477.D  
Acq: 30 Apr 2025 17:28

Tgt Ion:128 Resp: 24  
Ion Ratio Lower Upper  
128 100  
130 48.6 12.9 52.9  
64 28.6 22.7 62.7





#9

Benzaldehyde

Concen: 0.495 ng

RT: 6.899 min Scan# 645

Delta R.T. 0.018 min

Lab File: BP024477.D

Acq: 30 Apr 2025 17:28

Instrument :

BNA\_P

ClientSampleId :

MH-U2

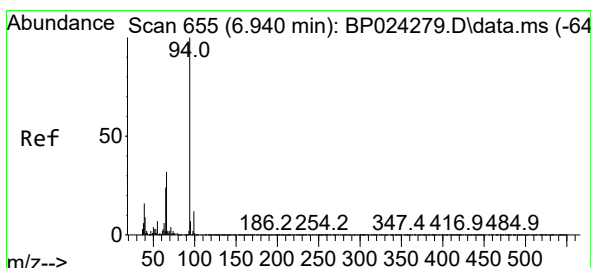
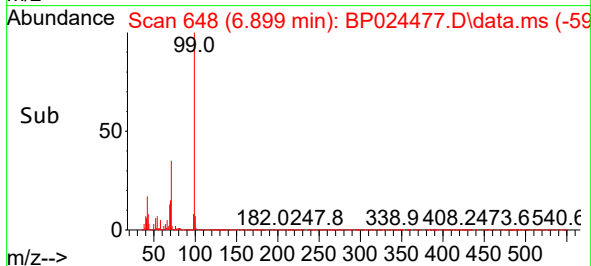
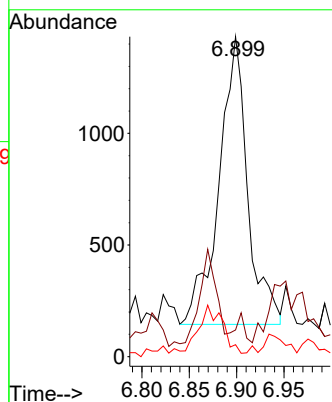
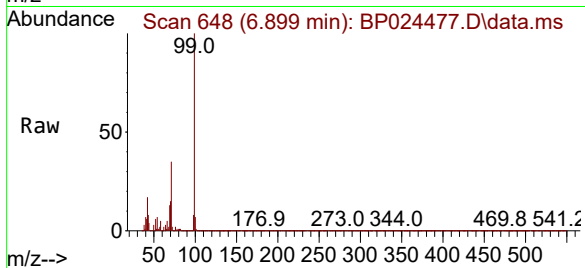
Tgt Ion: 77 Resp: 2718

Ion Ratio Lower Upper

77 100

105 8.4 79.2 119.2#

106 3.8 76.2 116.2#



#10

Phenol

Concen: 0.100 ng

RT: 6.917 min Scan# 651

Delta R.T. -0.023 min

Lab File: BP024477.D

Acq: 30 Apr 2025 17:28

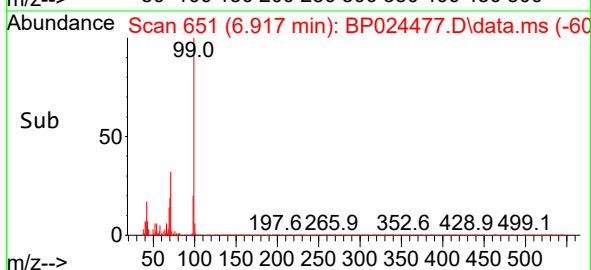
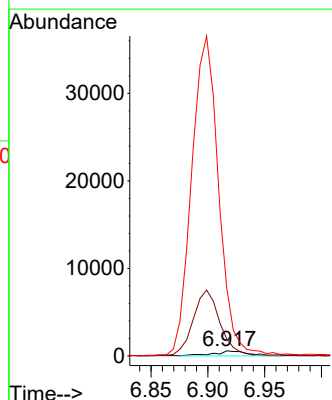
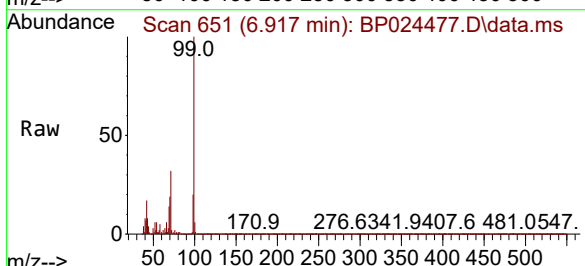
Tgt Ion: 94 Resp: 1109

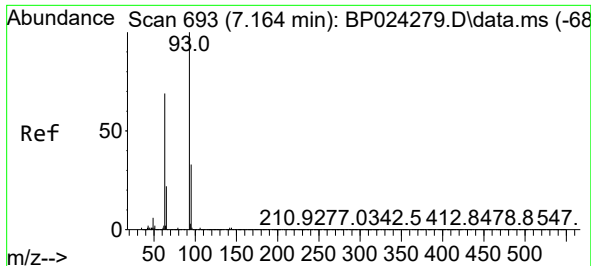
Ion Ratio Lower Upper

94 100

65 338.3 4.5 44.5#

66 1338.8 12.4 52.4#

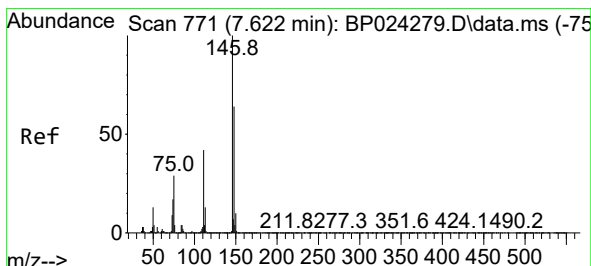
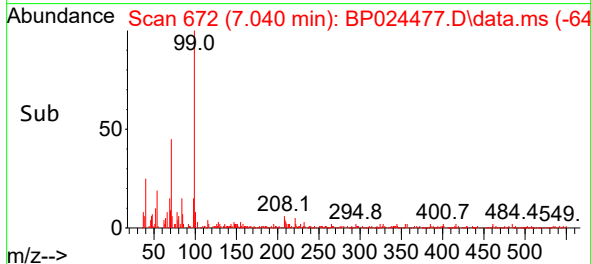
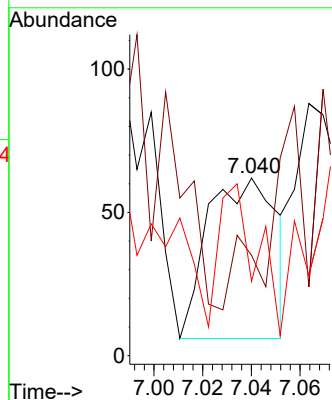
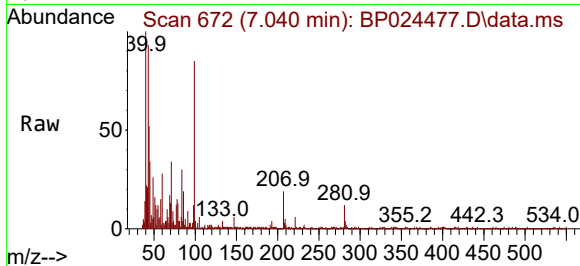




#11  
bis(2-Chloroethyl)ether  
Concen: 0.012 ng  
RT: 7.040 min Scan# 61  
Delta R.T. -0.117 min  
Lab File: BP024477.D  
Acq: 30 Apr 2025 17:28

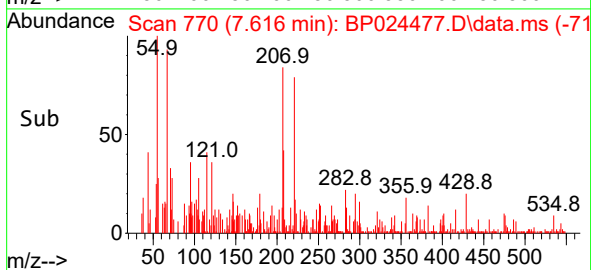
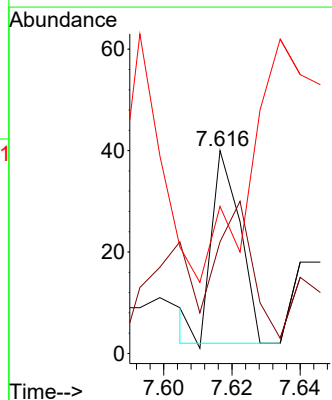
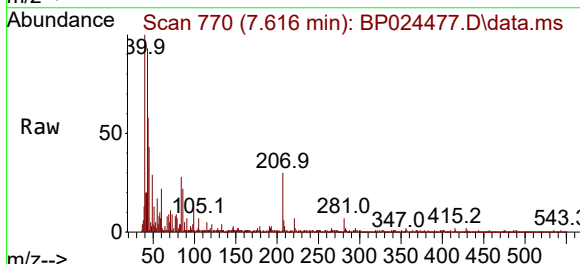
Instrument :  
BNA\_P  
ClientSampleId :  
MH-U2

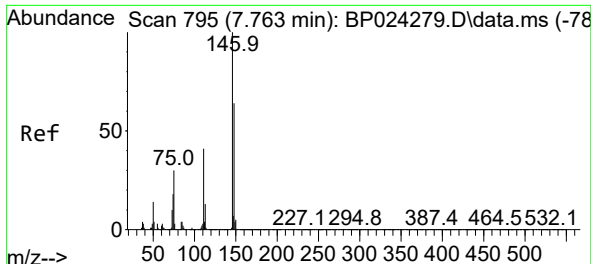
Tgt Ion: 93 Resp: 109  
Ion Ratio Lower Upper  
93 100  
63 56.5 48.6 88.6  
95 41.9 12.3 52.3



#12  
1,3-Dichlorobenzene  
Concen: 0.002 ng  
RT: 7.616 min Scan# 770  
Delta R.T. 0.000 min  
Lab File: BP024477.D  
Acq: 30 Apr 2025 17:28

Tgt Ion:146 Resp: 22  
Ion Ratio Lower Upper  
146 100  
148 55.0 51.4 77.0  
75 72.5 22.9 34.3#





#13

1,4-Dichlorobenzene

Concen: 0.003 ng

RT: 7.616 min Scan# 71

Delta R.T. -0.141 min

Lab File: BP024477.D

Acq: 30 Apr 2025 17:28

Instrument :

BNA\_P

ClientSampleId :

MH-U2

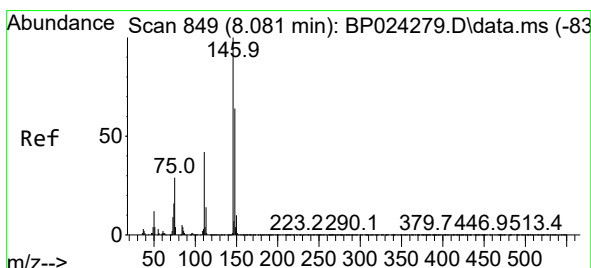
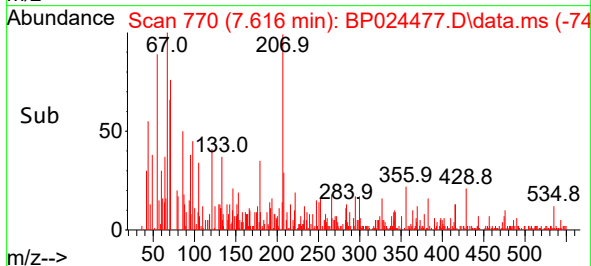
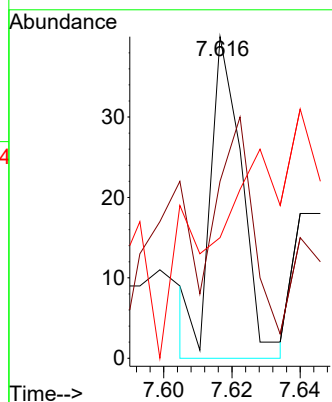
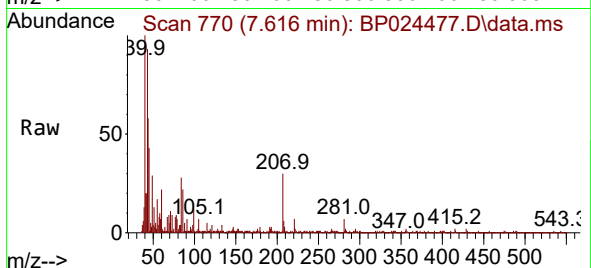
Tgt Ion:146 Resp: 25

Ion Ratio Lower Upper

146 100

148 55.0 51.1 76.7

111 37.5 32.6 48.8



#14

1,2-Dichlorobenzene

Concen: 0.002 ng

RT: 8.022 min Scan# 839

Delta R.T. -0.053 min

Lab File: BP024477.D

Acq: 30 Apr 2025 17:28

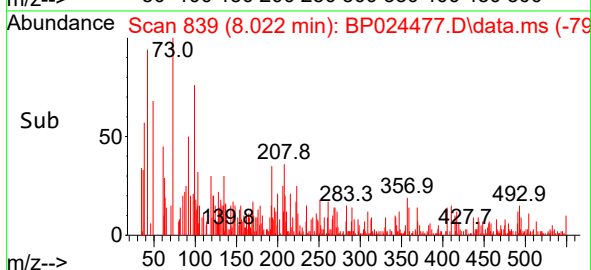
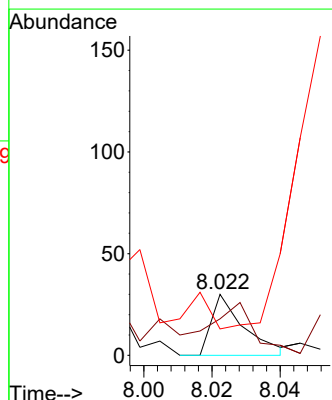
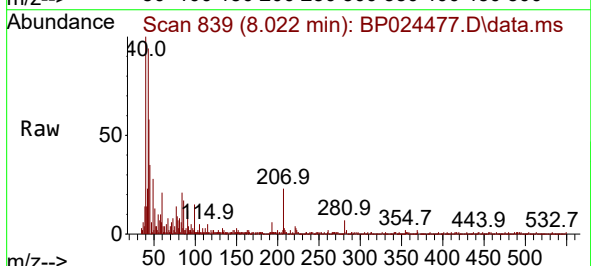
Tgt Ion:146 Resp: 20

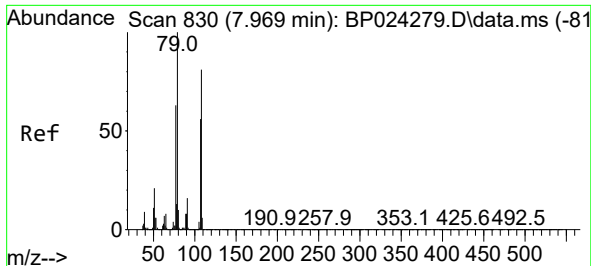
Ion Ratio Lower Upper

146 100

148 60.0 51.0 76.4

111 43.3 33.8 50.8

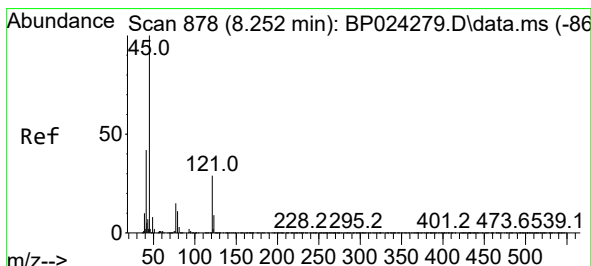
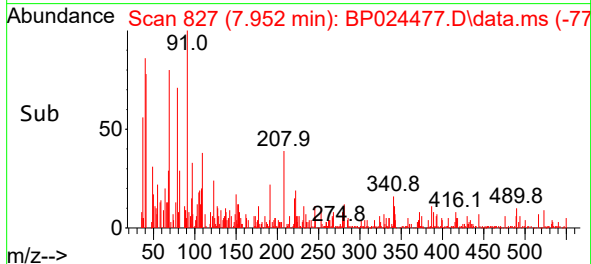
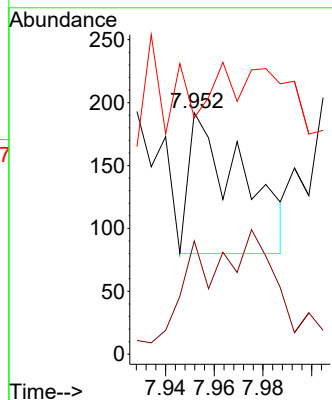
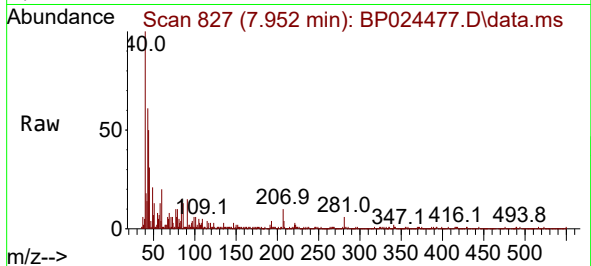




#15  
Benzyl Alcohol  
Concen: 0.023 ng  
RT: 7.952 min Scan# 81  
Delta R.T. -0.012 min  
Lab File: BP024477.D  
Acq: 30 Apr 2025 17:28

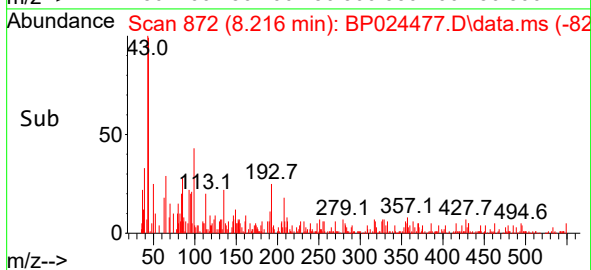
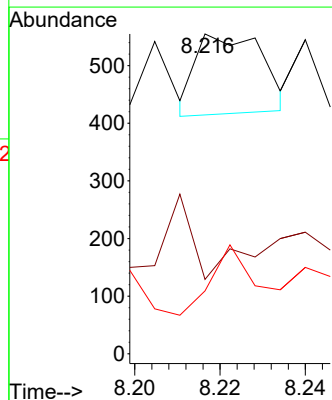
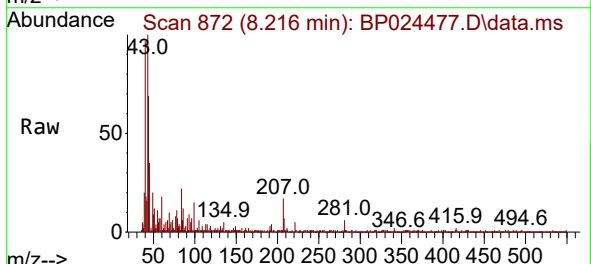
Instrument :  
BNA\_P  
ClientSampleId :  
MH-U2

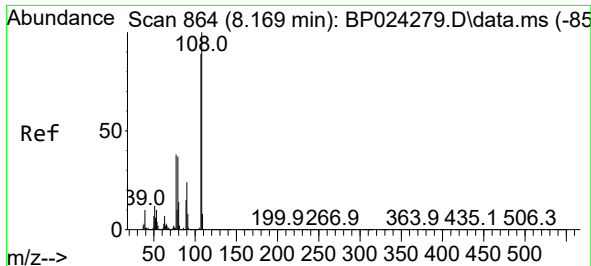
Tgt Ion: 79 Resp: 168  
Ion Ratio Lower Upper  
79 100  
108 46.9 65.1 97.7#  
77 97.9 50.7 76.1#



#16  
2,2'-oxybis(1-Chloropropane)  
Concen: 0.015 ng  
RT: 8.216 min Scan# 872  
Delta R.T. -0.029 min  
Lab File: BP024477.D  
Acq: 30 Apr 2025 17:28

Tgt Ion: 45 Resp: 150  
Ion Ratio Lower Upper  
45 100  
77 23.2 0.0 37.7  
79 19.6 0.0 33.5

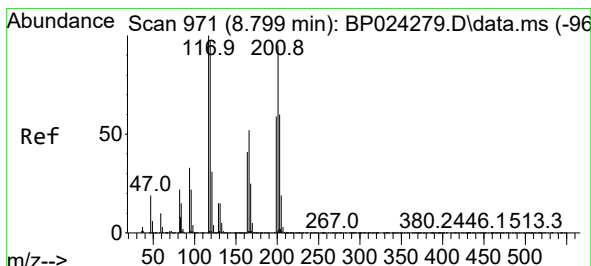
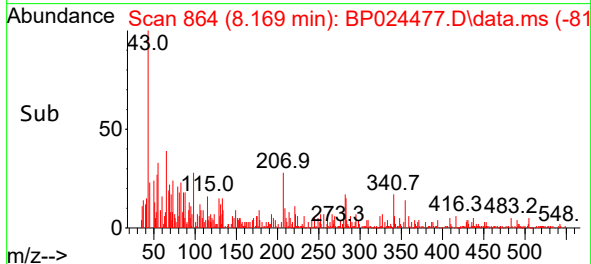
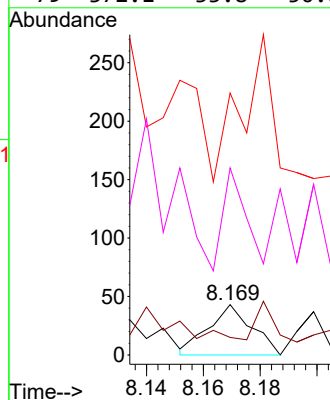
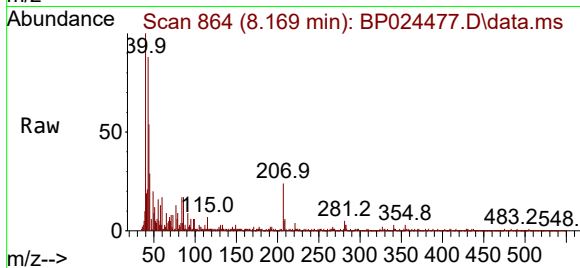




#17  
2-Methylphenol  
Concen: 0.006 ng  
RT: 8.169 min Scan# 80  
Delta R.T. 0.000 min  
Lab File: BP024477.D  
Acq: 30 Apr 2025 17:28

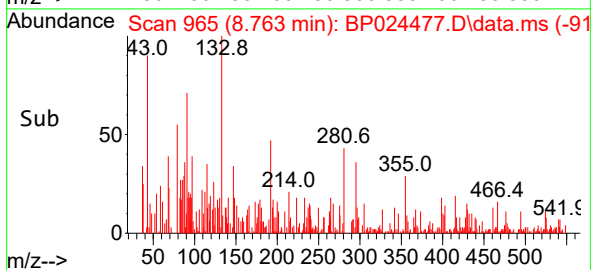
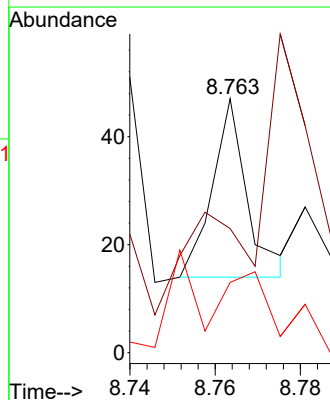
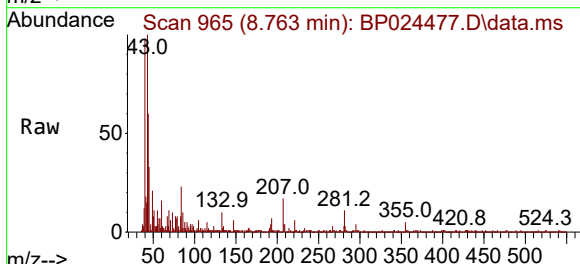
Instrument :  
BNA\_P  
ClientSampleId :  
MH-U2

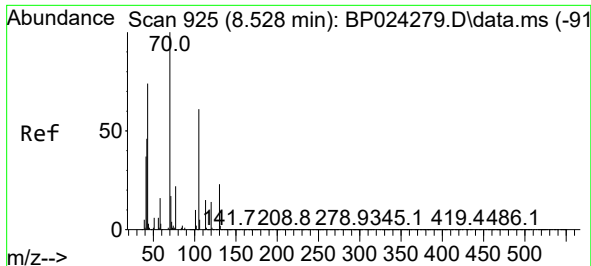
|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 107   | Resp: | 46     |
| Ion      | Ratio | Lower | Upper  |
| 107      | 100   |       |        |
| 108      | 34.9  | 89.8  | 134.6# |
| 77       | 520.9 | 34.2  | 51.4#  |
| 79       | 372.1 | 33.8  | 50.8#  |



#18  
Hexachloroethane  
Concen: 0.005 ng  
RT: 8.763 min Scan# 965  
Delta R.T. -0.029 min  
Lab File: BP024477.D  
Acq: 30 Apr 2025 17:28

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 117   | Resp: | 19     |
| Ion      | Ratio | Lower | Upper  |
| 117      | 100   |       |        |
| 119      | 48.9  | 77.8  | 116.6# |
| 201      | 27.7  | 75.9  | 113.9# |



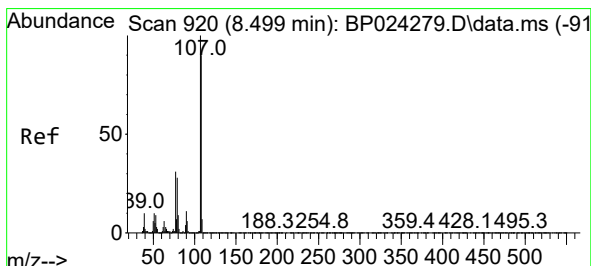
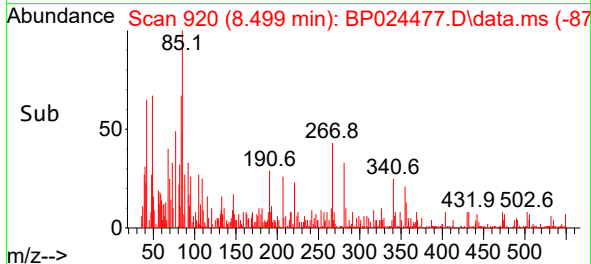
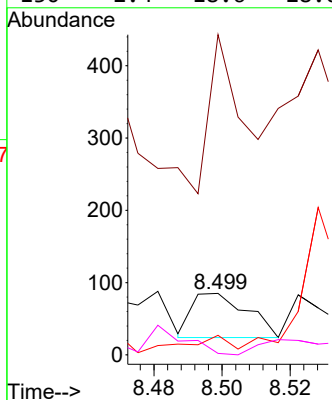
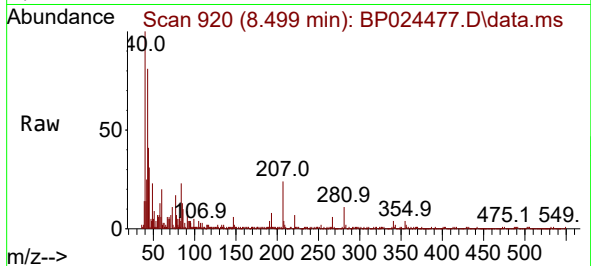


#19  
n-Nitroso-di-n-propylamine  
Concen: 0.010 ng  
RT: 8.499 min Scan# 916  
Delta R.T. -0.023 min  
Lab File: BP024477.D  
Acq: 30 Apr 2025 17:28

Instrument :  
BNA\_P  
ClientSampleId :  
MH-U2

Tgt Ion: 70 Resp: 69

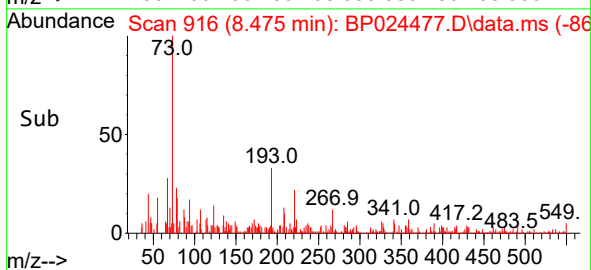
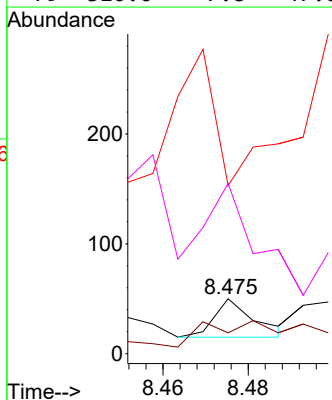
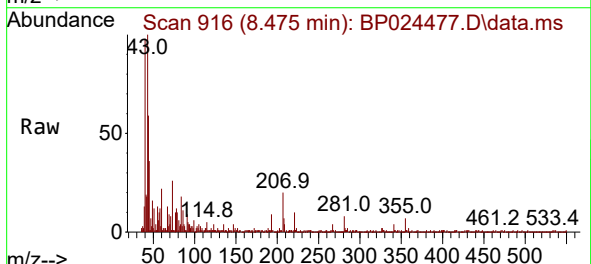
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 70  | 100   |       |       |
| 42  | 521.2 | 37.3  | 55.9# |
| 101 | 31.8  | 8.2   | 12.4# |
| 130 | 2.4   | 18.6  | 28.0# |

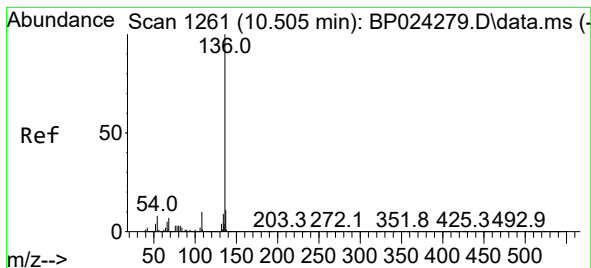


#20  
3+4-Methylphenols  
Concen: 0.002 ng  
RT: 8.475 min Scan# 916  
Delta R.T. -0.017 min  
Lab File: BP024477.D  
Acq: 30 Apr 2025 17:28

Tgt Ion: 107 Resp: 23

| Ion | Ratio | Lower | Upper  |
|-----|-------|-------|--------|
| 107 | 100   |       |        |
| 108 | 38.0  | 69.8  | 109.8# |
| 77  | 306.0 | 11.5  | 51.5#  |
| 79  | 310.0 | 7.8   | 47.8#  |





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.481 min Scan# 1

Delta R.T. -0.017 min

Lab File: BP024477.D

Acq: 30 Apr 2025 17:28

Instrument :

BNA\_P

ClientSampleId :

MH-U2

Tgt Ion:136 Resp: 520002

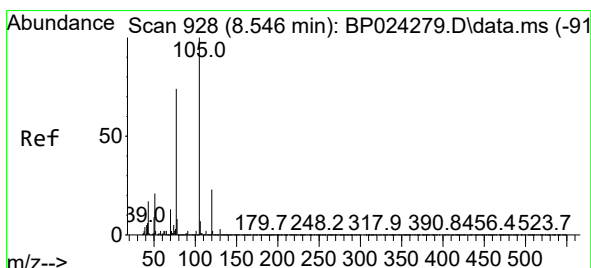
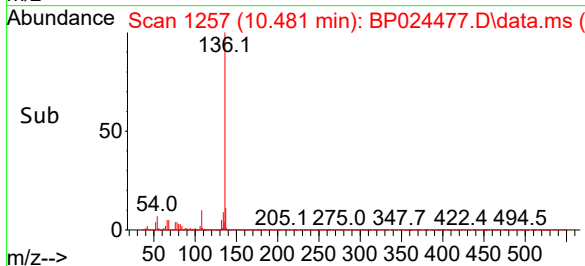
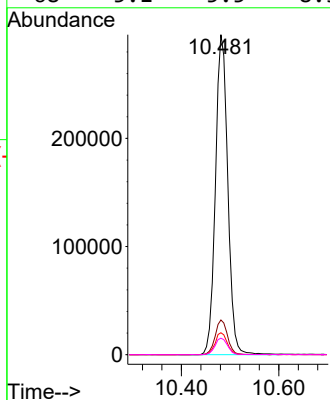
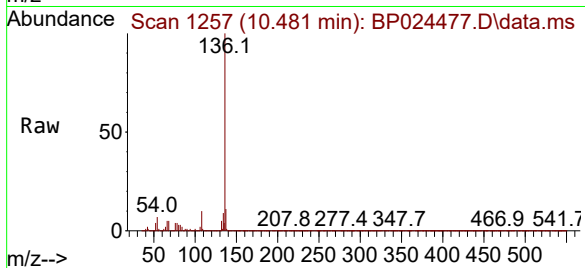
Ion Ratio Lower Upper

136 100

137 10.8 9.2 13.8

54 6.8 6.0 9.0

68 5.1 5.5 8.3#



#22

Acetophenone

Concen: 0.090 ng

RT: 8.528 min Scan# 925

Delta R.T. -0.012 min

Lab File: BP024477.D

Acq: 30 Apr 2025 17:28

Tgt Ion:105 Resp: 1164

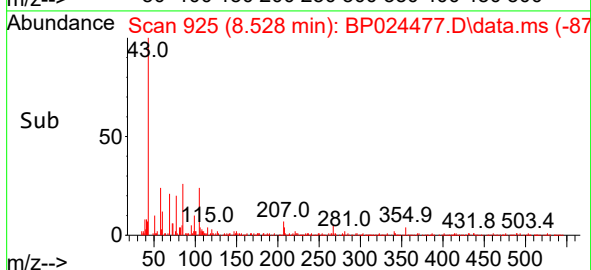
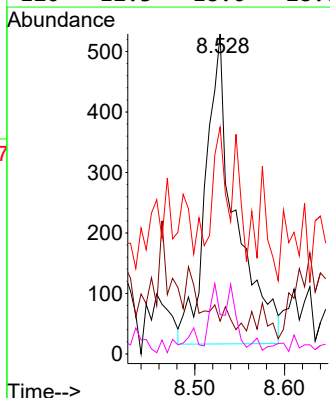
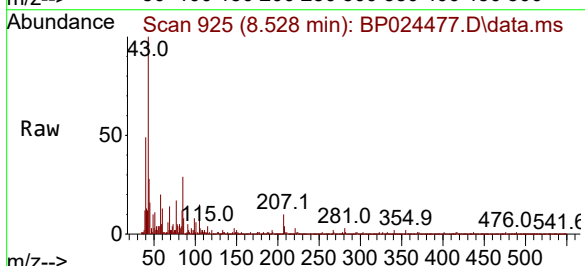
Ion Ratio Lower Upper

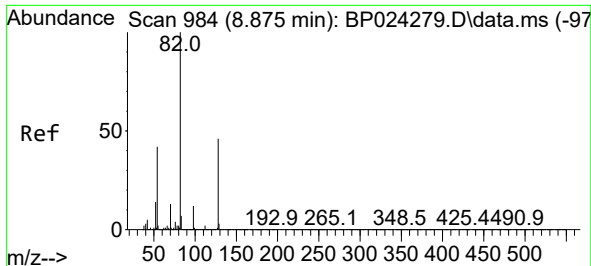
105 100

71 10.2 1.7 2.5#

51 70.9 16.9 25.3#

120 12.3 18.6 28.0#

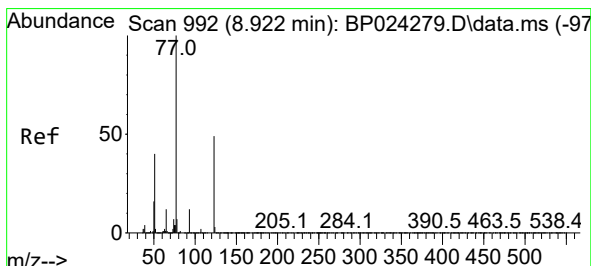
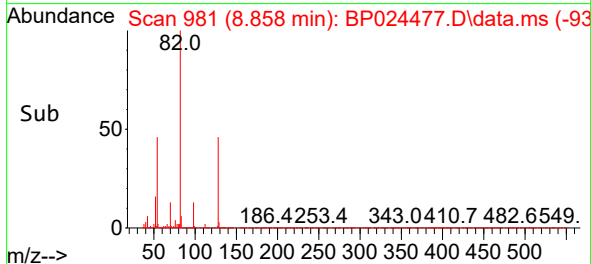
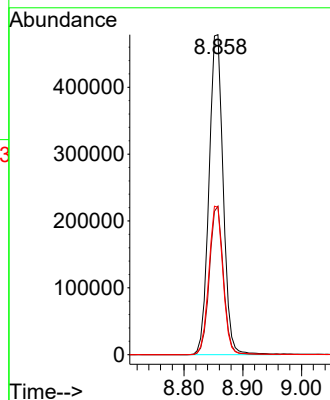
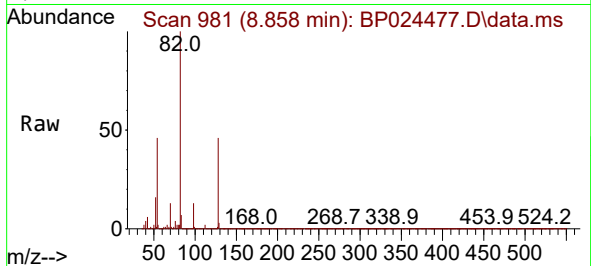




#23  
Nitrobenzene-d5  
Concen: 87.994 ng  
RT: 8.858 min Scan# 981  
Delta R.T. -0.012 min  
Lab File: BP024477.D  
Acq: 30 Apr 2025 17:28

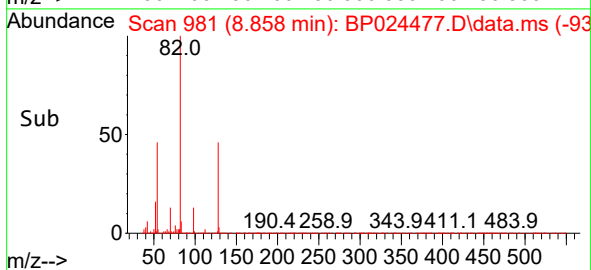
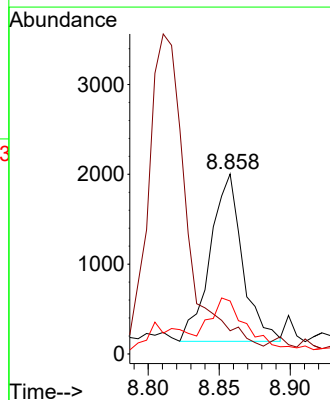
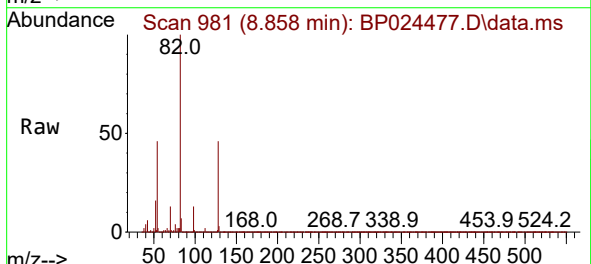
Instrument :  
BNA\_P  
ClientSampleId :  
MH-U2

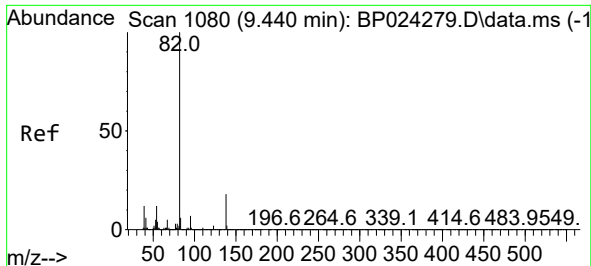
Tgt Ion: 82 Resp: 802459  
Ion Ratio Lower Upper  
82 100  
128 46.4 36.5 54.7  
54 46.1 33.4 50.2



#24  
Nitrobenzene  
Concen: 0.325 ng  
RT: 8.858 min Scan# 981  
Delta R.T. -0.053 min  
Lab File: BP024477.D  
Acq: 30 Apr 2025 17:28

Tgt Ion: 77 Resp: 2933  
Ion Ratio Lower Upper  
77 100  
123 12.9 39.2 58.8#  
65 29.4 9.8 14.6#

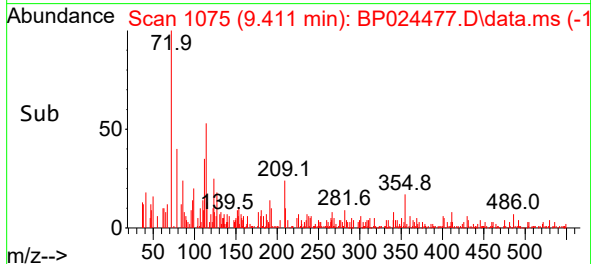
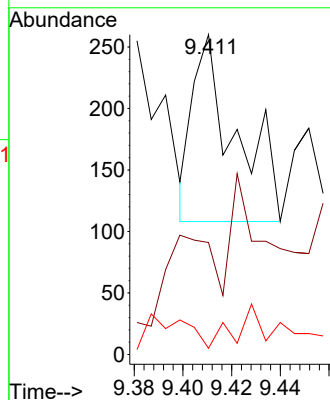
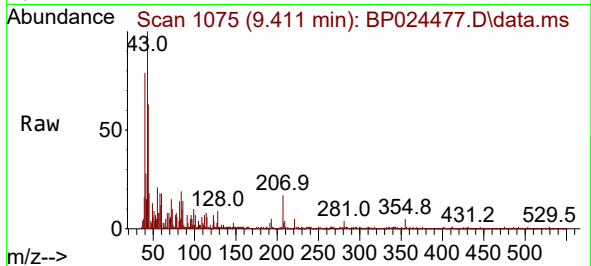




#25  
Isophorone  
Concen: 0.011 ng  
RT: 9.411 min Scan# 1101  
Delta R.T. -0.017 min  
Lab File: BP024477.D  
Acq: 30 Apr 2025 17:28

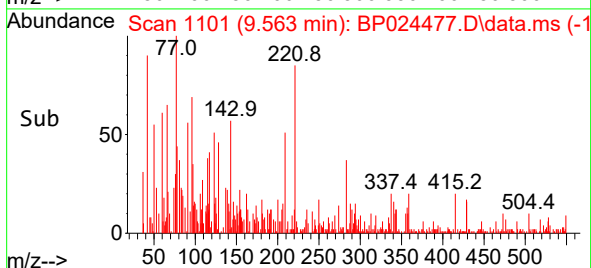
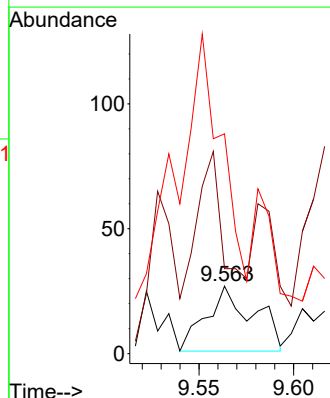
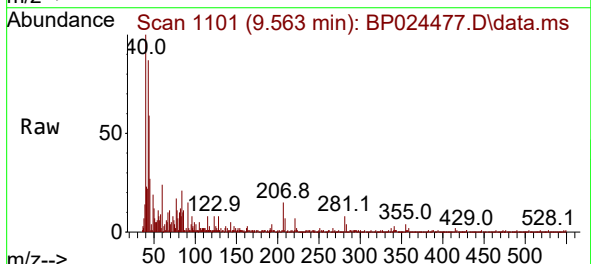
Instrument :  
BNA\_P  
ClientSampleId :  
MH-U2

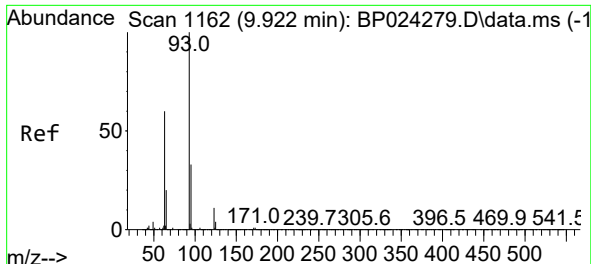
Tgt Ion: 82 Resp: 185  
Ion Ratio Lower Upper  
82 100  
95 35.0 5.4 8.2#  
138 1.9 14.4 21.6#



#26  
2-Nitrophenol  
Concen: 0.010 ng  
RT: 9.563 min Scan# 1101  
Delta R.T. -0.053 min  
Lab File: BP024477.D  
Acq: 30 Apr 2025 17:28

Tgt Ion: 139 Resp: 45  
Ion Ratio Lower Upper  
139 100  
109 125.9 21.8 32.6#  
65 325.9 36.2 54.2#

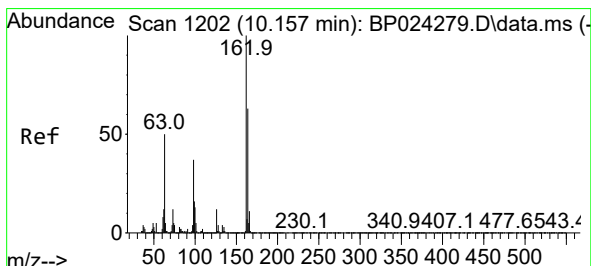
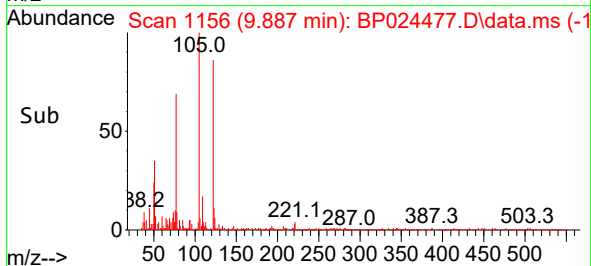
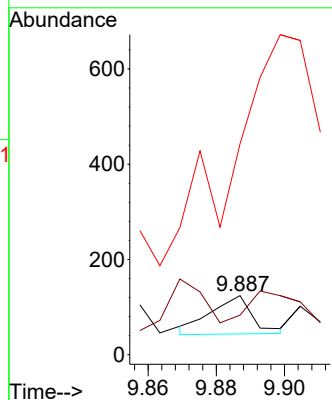
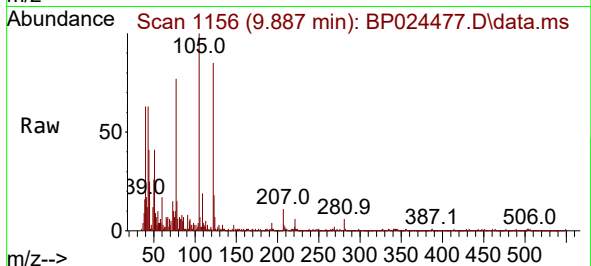




#28  
bis(2-Chloroethoxy)methane  
Concen: 0.006 ng  
RT: 9.887 min Scan# 1162  
Delta R.T. -0.023 min  
Lab File: BP024477.D  
Acq: 30 Apr 2025 17:28

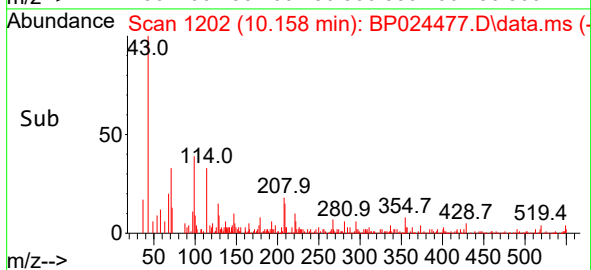
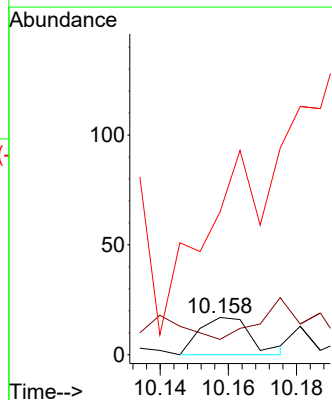
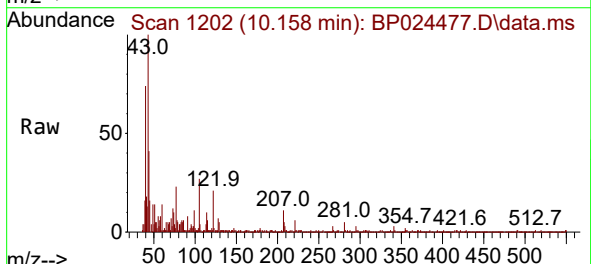
Instrument :  
BNA\_P  
ClientSampleId :  
MH-U2

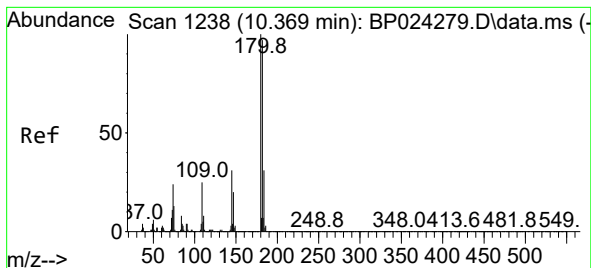
Tgt Ion: 93 Resp: 68  
Ion Ratio Lower Upper  
93 100  
95 66.9 26.0 39.0#  
123 357.3 9.1 13.7#



#29  
2,4-Dichlorophenol  
Concen: 0.002 ng  
RT: 10.158 min Scan# 1202  
Delta R.T. 0.006 min  
Lab File: BP024477.D  
Acq: 30 Apr 2025 17:28

Tgt Ion: 162 Resp: 18  
Ion Ratio Lower Upper  
162 100  
164 41.2 43.3 83.3#  
98 382.4 16.6 56.6#





#30

1,2,4-Trichlorobenzene

Concen: 0.003 ng

RT: 10.346 min Scan# 11

Delta R.T. -0.017 min

Lab File: BP024477.D

Acq: 30 Apr 2025 17:28

Instrument :

BNA\_P

ClientSampleId :

MH-U2

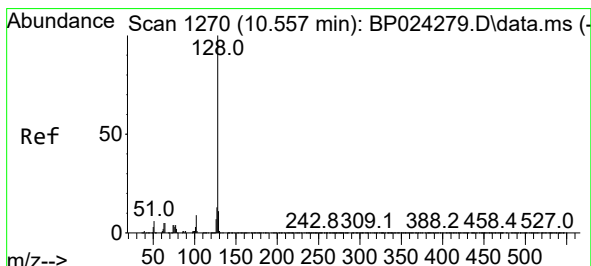
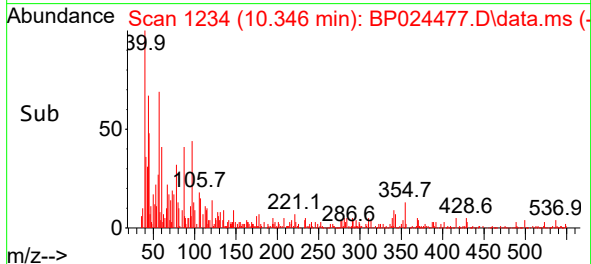
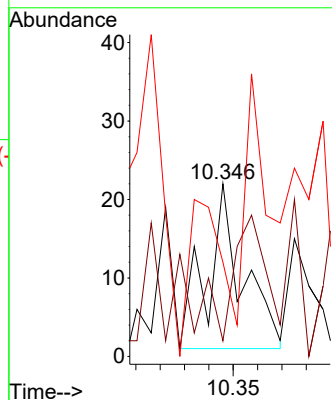
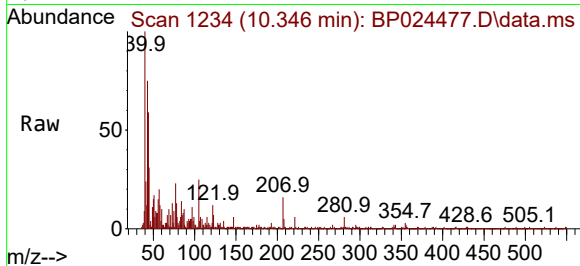
Tgt Ion:180 Resp: 21

Ion Ratio Lower Upper

180 100

182 9.1 77.3 115.9#

145 118.2 25.1 37.7#



#31

Naphthalene

Concen: 0.006 ng

RT: 10.528 min Scan# 1265

Delta R.T. -0.017 min

Lab File: BP024477.D

Acq: 30 Apr 2025 17:28

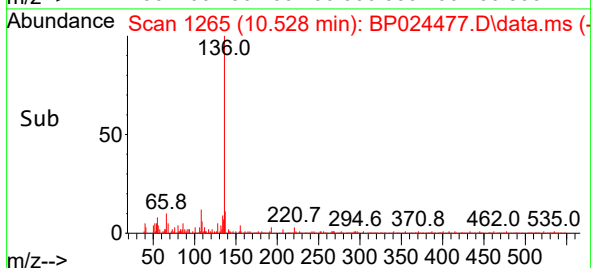
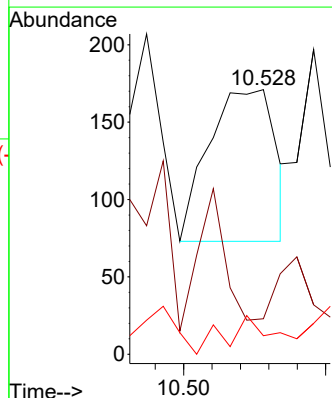
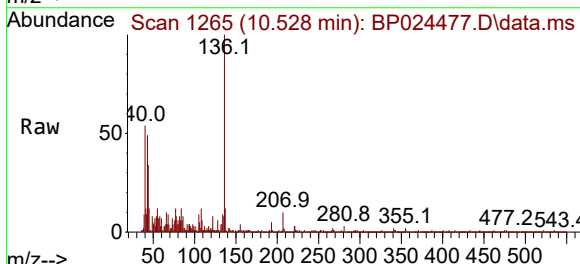
Tgt Ion:128 Resp: 160

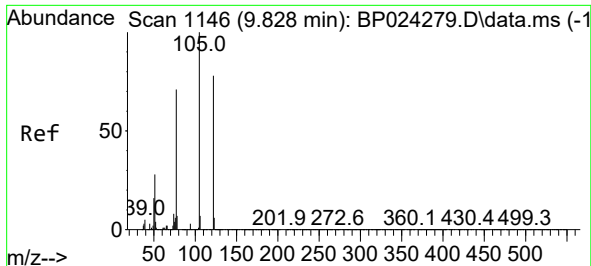
Ion Ratio Lower Upper

128 100

129 13.5 8.6 13.0#

127 7.0 10.3 15.5#

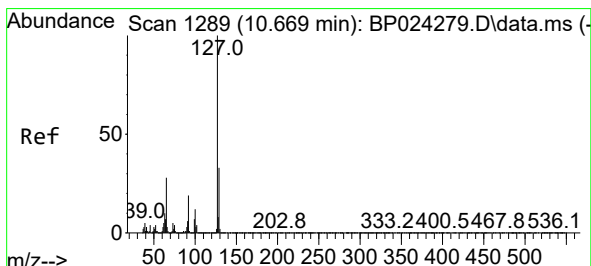
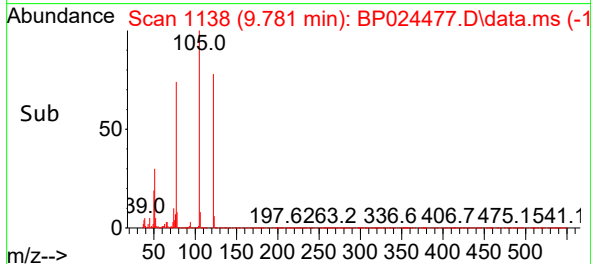
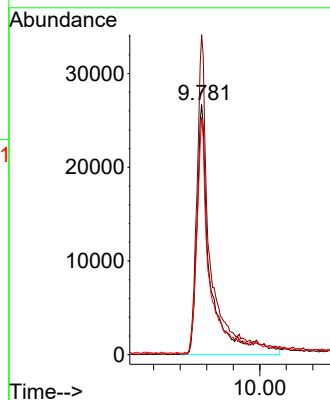
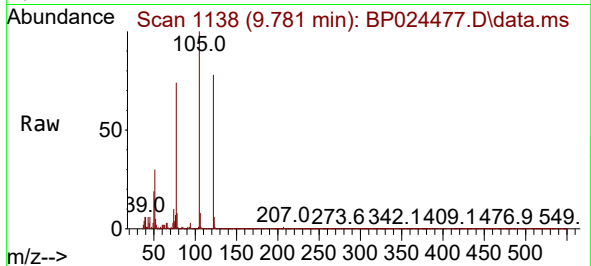




#32  
Benzoic acid  
Concen: 14.495 ng m  
RT: 9.781 min Scan# 1146  
Delta R.T. -0.041 min  
Lab File: BP024477.D  
Acq: 30 Apr 2025 17:28

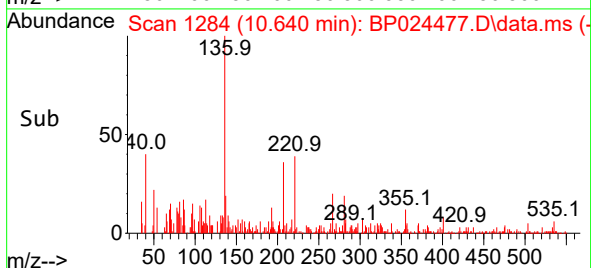
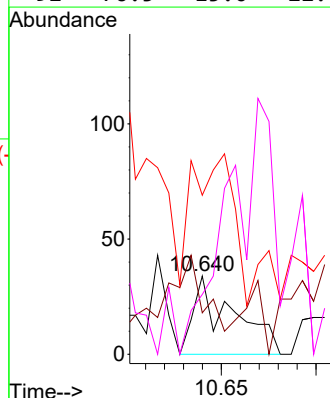
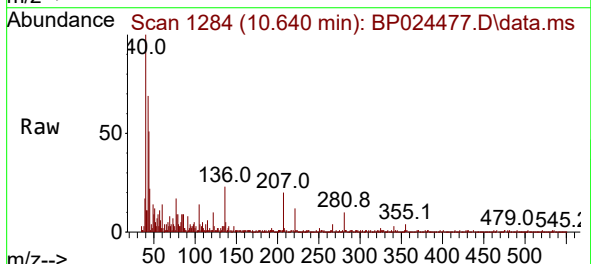
Instrument :  
BNA\_P  
ClientSampleId :  
MH-U2

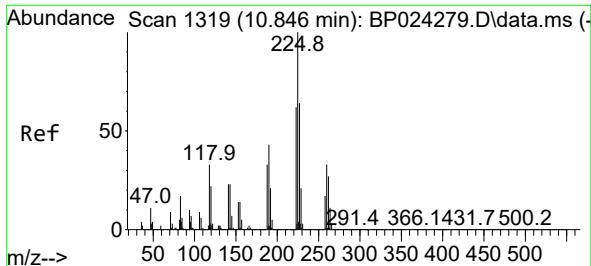
Tgt Ion:122 Resp: 93626  
Ion Ratio Lower Upper  
122 100  
105 128.0 104.8 144.8  
77 94.9 69.2 109.2



#33  
4-Chloroaniline  
Concen: 0.005 ng  
RT: 10.640 min Scan# 1284  
Delta R.T. -0.023 min  
Lab File: BP024477.D  
Acq: 30 Apr 2025 17:28

Tgt Ion:127 Resp: 49  
Ion Ratio Lower Upper  
127 100  
129 52.9 26.1 39.1#  
65 202.9 22.1 33.1#  
92 76.5 15.0 22.4#

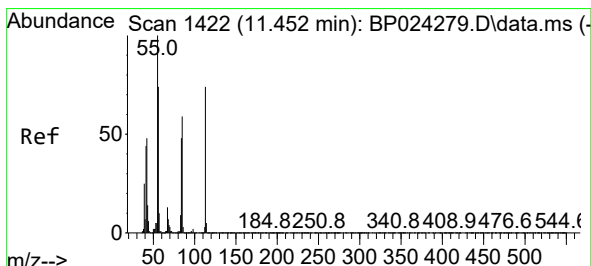
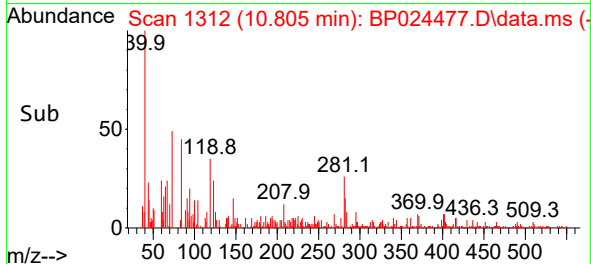
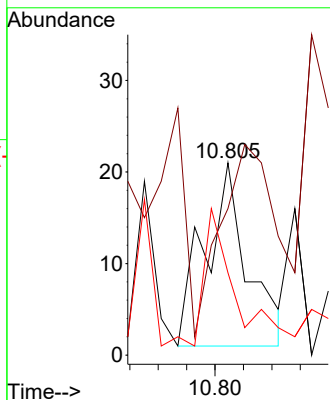
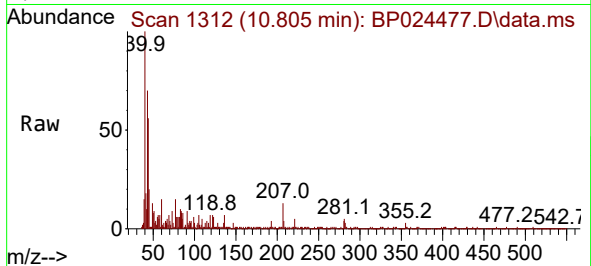




#34  
Hexachlorobutadiene  
Concen: 0.004 ng  
RT: 10.805 min Scan# 11  
Delta R.T. -0.023 min  
Lab File: BP024477.D  
Acq: 30 Apr 2025 17:28

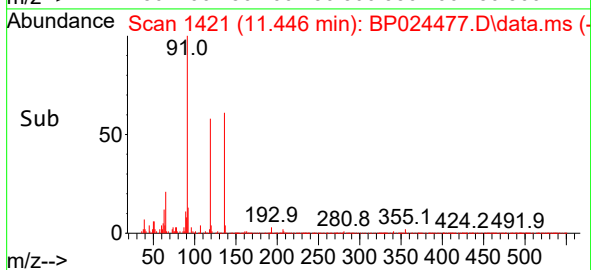
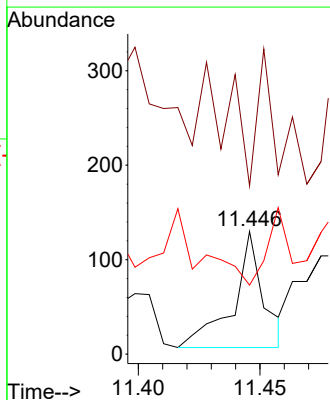
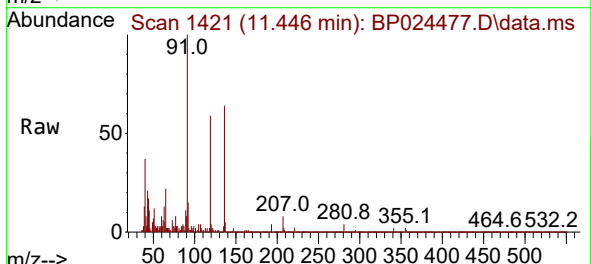
Instrument :  
BNA\_P  
ClientSampleId :  
MH-U2

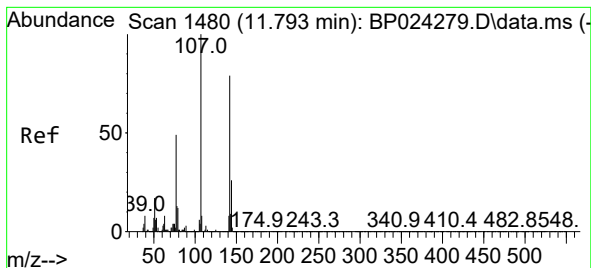
Tgt Ion:225 Resp: 21  
Ion Ratio Lower Upper  
225 100  
223 76.2 49.5 74.3#  
227 42.9 50.9 76.3#



#35  
Caprolactam  
Concen: 0.038 ng  
RT: 11.446 min Scan# 1421  
Delta R.T. 0.000 min  
Lab File: BP024477.D  
Acq: 30 Apr 2025 17:28

Tgt Ion:113 Resp: 106  
Ion Ratio Lower Upper  
113 100  
55 136.9 115.9 155.9  
56 56.2 81.1 121.1#

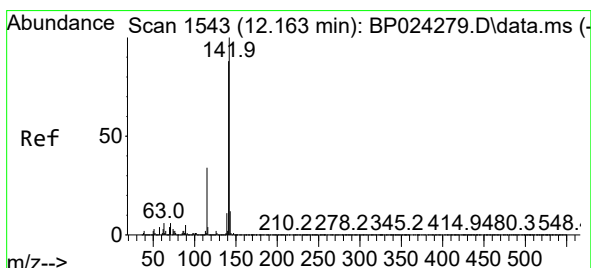
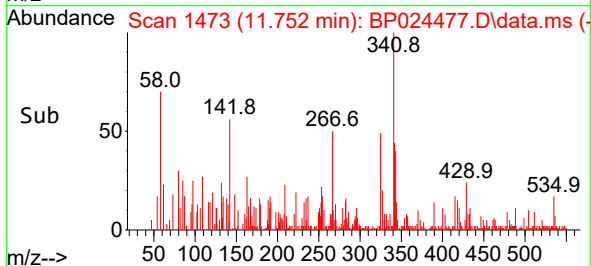
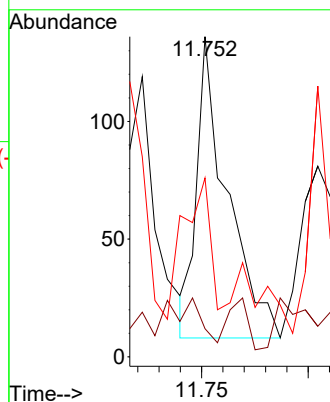
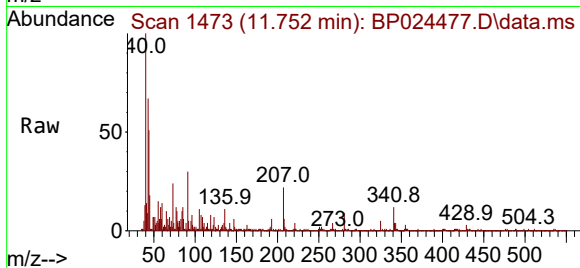




#36  
4-Chloro-3-methylphenol  
Concen: 0.014 ng  
RT: 11.752 min Scan# 1480  
Delta R.T. -0.041 min  
Lab File: BP024477.D  
Acq: 30 Apr 2025 17:28

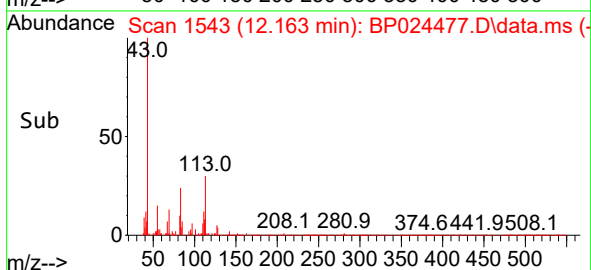
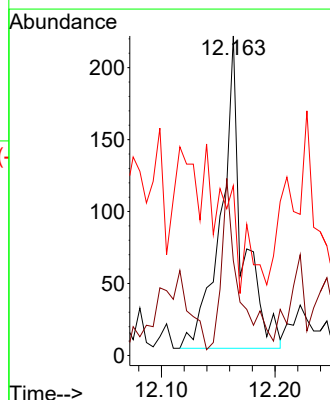
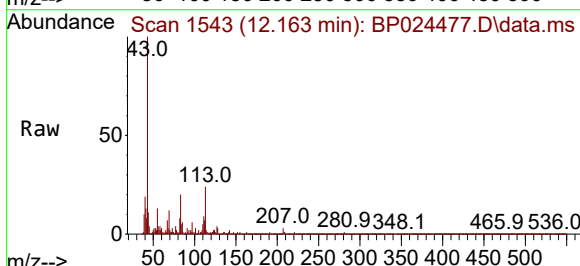
Instrument :  
BNA\_P  
ClientSampleId :  
MH-U2

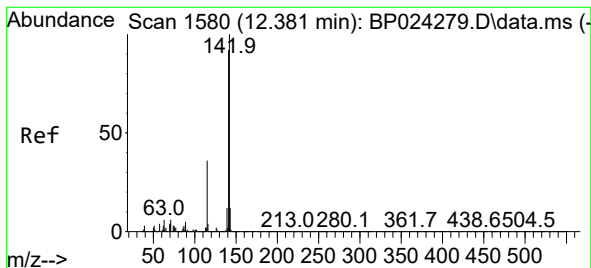
|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 107   | Resp: | 127   |
| Ion      | Ratio | Lower | Upper |
| 107      | 100   |       |       |
| 144      | 8.8   | 20.5  | 30.7# |
| 142      | 55.9  | 63.4  | 95.2# |



#37  
2-Methylnaphthalene  
Concen: 0.015 ng  
RT: 12.163 min Scan# 1543  
Delta R.T. 0.006 min  
Lab File: BP024477.D  
Acq: 30 Apr 2025 17:28

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 142   | Resp: | 286    |
| Ion      | Ratio | Lower | Upper  |
| 142      | 100   |       |        |
| 141      | 29.7  | 70.3  | 105.5# |
| 115      | 53.2  | 26.9  | 40.3#  |





#38

1-Methylnaphthalene

Concen: 0.003 ng

RT: 12.357 min Scan# 1

Delta R.T. -0.017 min

Lab File: BP024477.D

Acq: 30 Apr 2025 17:28

Instrument :

BNA\_P

ClientSampleId :

MH-U2

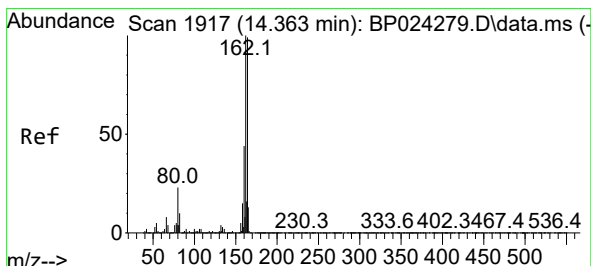
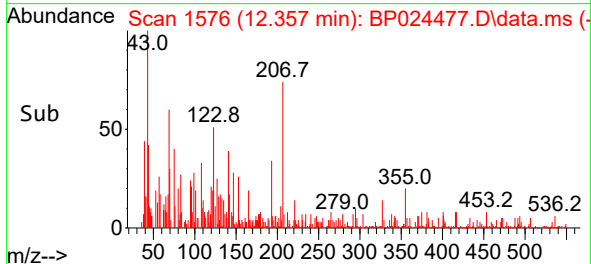
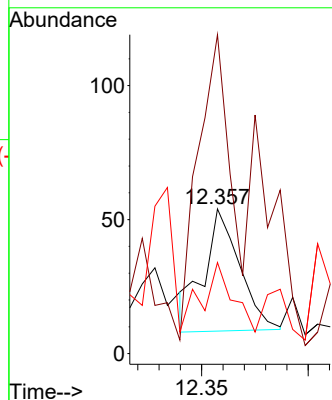
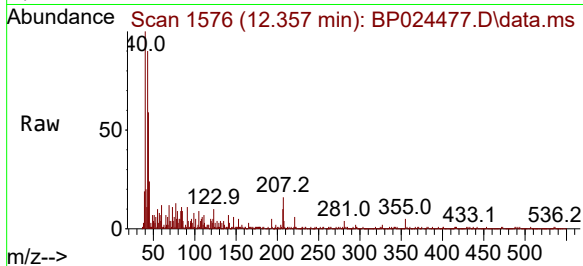
Tgt Ion:142 Resp: 53

Ion Ratio Lower Upper

142 100

141 220.4 73.6 110.4#

116 63.0 3.0 4.6#



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.340 min Scan# 1913

Delta R.T. -0.012 min

Lab File: BP024477.D

Acq: 30 Apr 2025 17:28

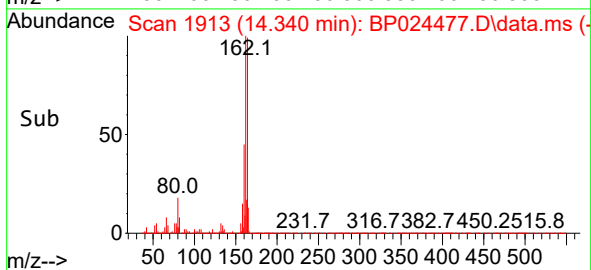
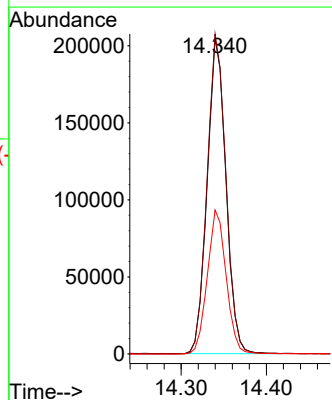
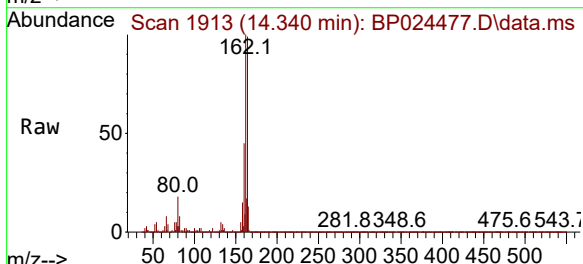
Tgt Ion:164 Resp: 312507

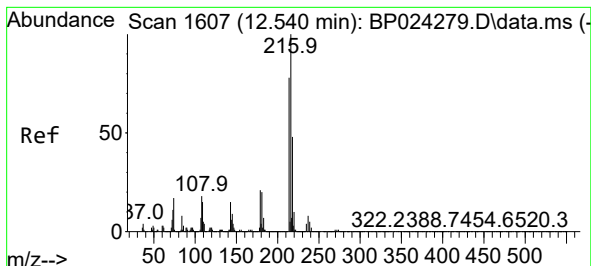
Ion Ratio Lower Upper

164 100

162 101.4 80.6 120.8

160 45.7 35.3 52.9

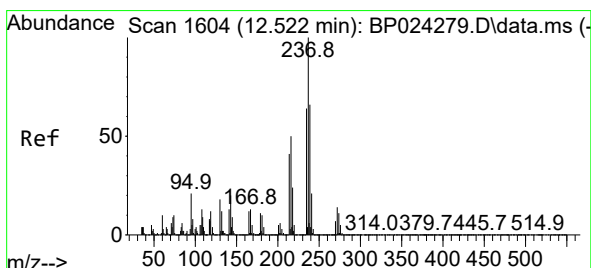
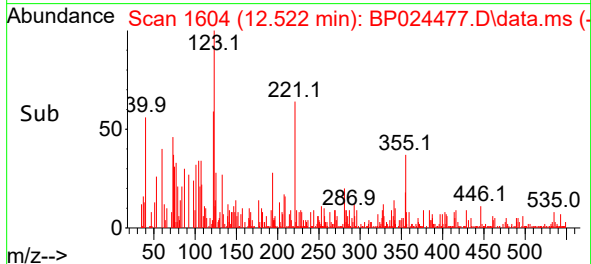
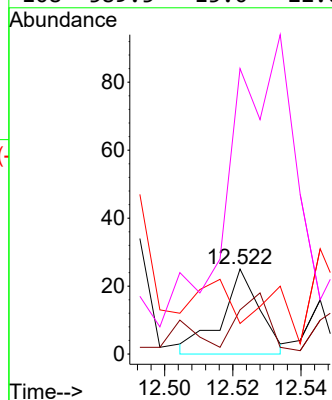
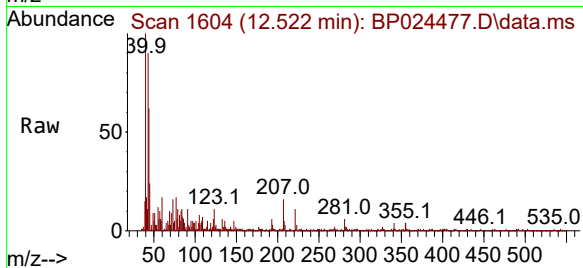




#40  
1,2,4,5-Tetrachlorobenzene  
Concen: 0.002 ng  
RT: 12.522 min Scan# 1  
Delta R.T. -0.006 min  
Lab File: BP024477.D  
Acq: 30 Apr 2025 17:28

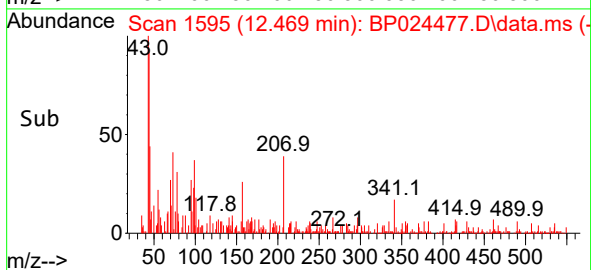
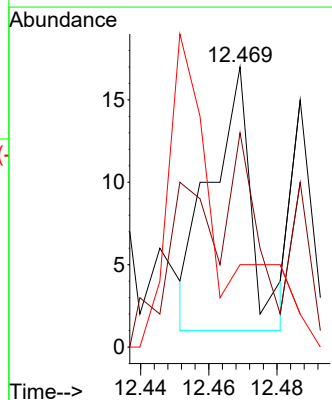
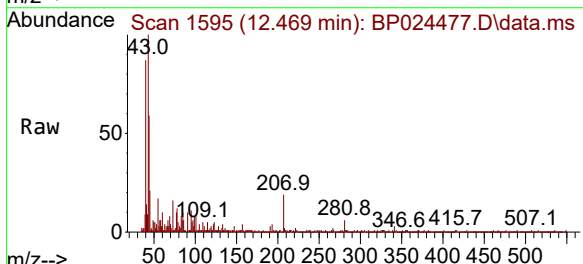
Instrument :  
BNA\_P  
ClientSampleId :  
MH-U2

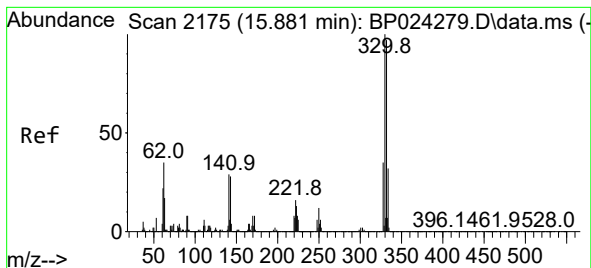
|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 216   | Resp: | 19    |
| Ion      | Ratio | Lower | Upper |
| 216      | 100   |       |       |
| 214      | 57.9  | 62.6  | 93.8# |
| 179      | 42.1  | 17.2  | 25.8# |
| 108      | 589.5 | 15.0  | 22.6# |



#41  
Hexachlorocyclopentadiene  
Concen: 0.004 ng  
RT: 12.469 min Scan# 1595  
Delta R.T. -0.041 min  
Lab File: BP024477.D  
Acq: 30 Apr 2025 17:28

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 237   | Resp: | 13    |
| Ion      | Ratio | Lower | Upper |
| 237      | 100   |       |       |
| 235      | 76.5  | 43.9  | 83.9  |
| 272      | 29.4  | 0.0   | 33.6  |





#42

2,4,6-Tribromophenol

Concen: 154.670 ng

RT: 15.857 min Scan# 2175

Delta R.T. -0.006 min

Lab File: BP024477.D

Acq: 30 Apr 2025 17:28

Instrument :

BNA\_P

ClientSampleId :

MH-U2

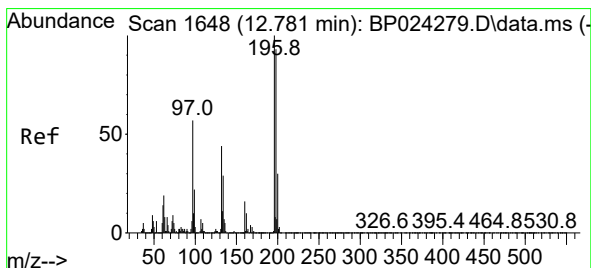
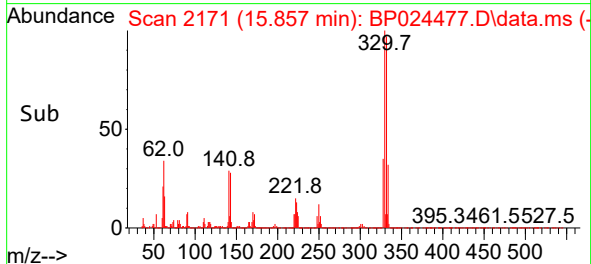
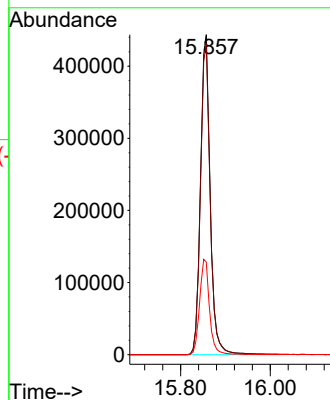
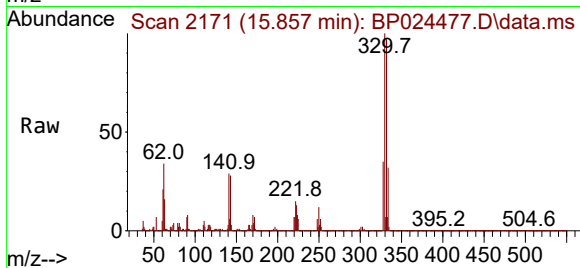
Tgt Ion:330 Resp: 668747

Ion Ratio Lower Upper

330 100

332 97.1 77.1 115.7

141 30.3 24.7 37.1



#43

2,4,6-Trichlorophenol

Concen: 0.004 ng

RT: 12.781 min Scan# 1648

Delta R.T. 0.006 min

Lab File: BP024477.D

Acq: 30 Apr 2025 17:28

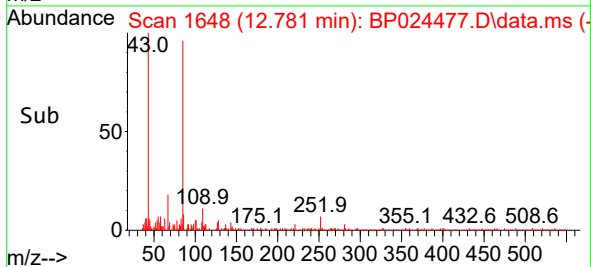
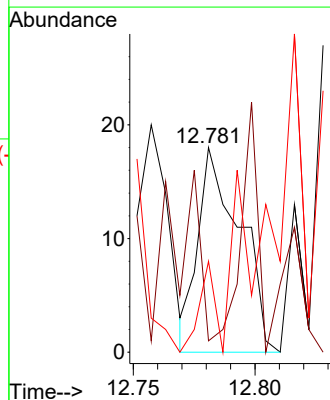
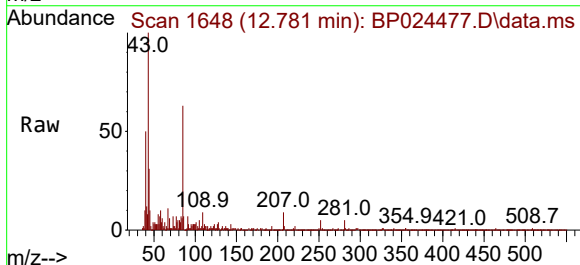
Tgt Ion:196 Resp: 22

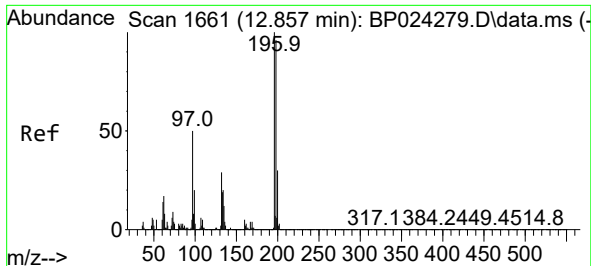
Ion Ratio Lower Upper

196 100

198 5.6 74.3 111.5#

200 44.4 24.0 36.0#

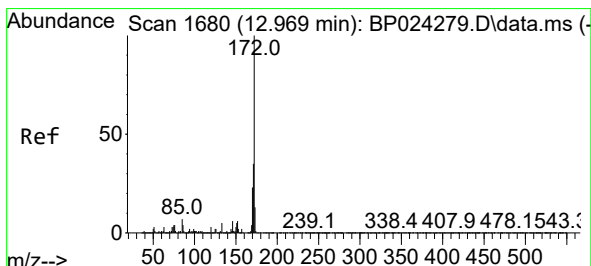
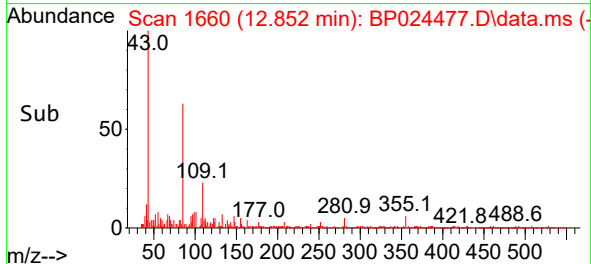
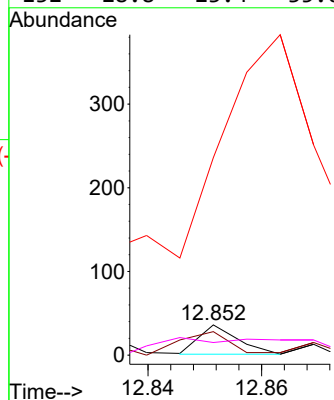
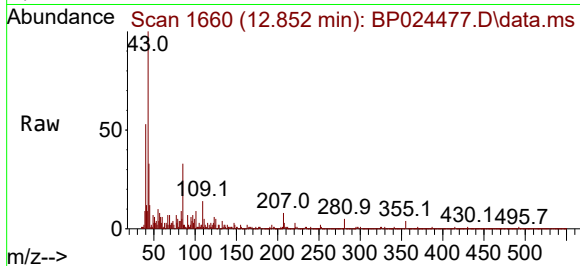




#44  
2,4,5-Trichlorophenol  
Concen: 0.003 ng  
RT: 12.852 min Scan# 1660  
Delta R.T. -0.006 min  
Lab File: BP024477.D  
Acq: 30 Apr 2025 17:28

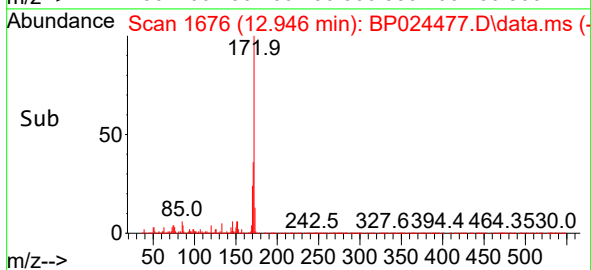
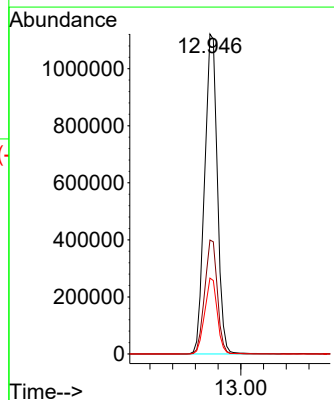
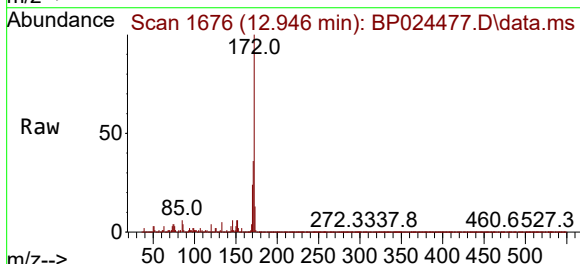
Instrument :  
BNA\_P  
ClientSampleId :  
MH-U2

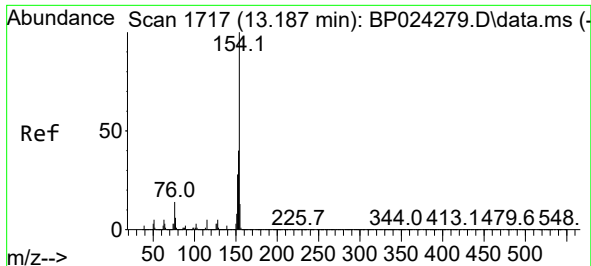
Tgt Ion:196 Resp: 17  
Ion Ratio Lower Upper  
196 100  
198 53.8 77.3 115.9#  
97 453.8 40.4 60.6#  
132 28.8 23.4 35.0



#45  
2-Fluorobiphenyl  
Concen: 85.286 ng  
RT: 12.946 min Scan# 1676  
Delta R.T. -0.017 min  
Lab File: BP024477.D  
Acq: 30 Apr 2025 17:28

Tgt Ion:172 Resp: 1740733  
Ion Ratio Lower Upper  
172 100  
171 35.6 28.2 42.2  
170 23.7 18.6 27.8

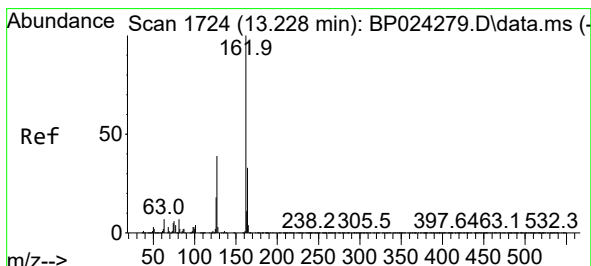
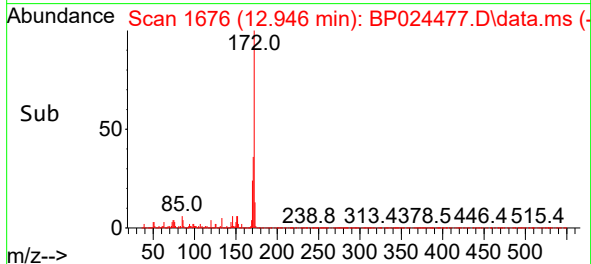
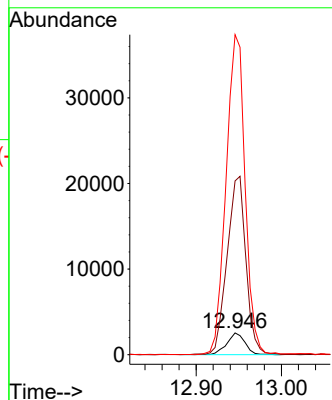
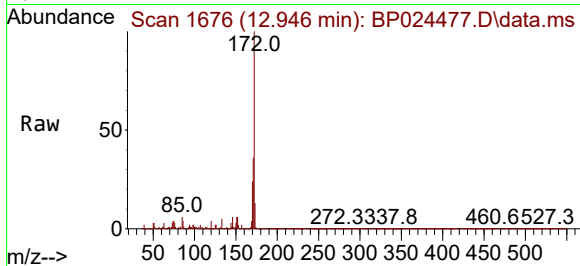




#46  
1,1'-Biphenyl  
Concen: 0.165 ng  
RT: 12.946 min Scan# 1  
Delta R.T. -0.229 min  
Lab File: BP024477.D  
Acq: 30 Apr 2025 17:28

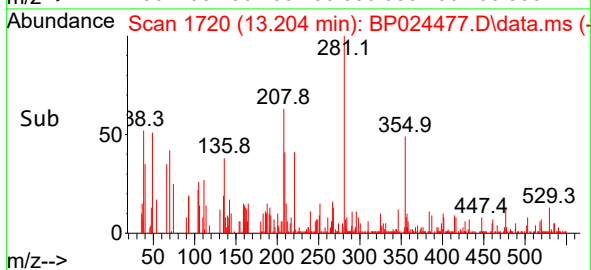
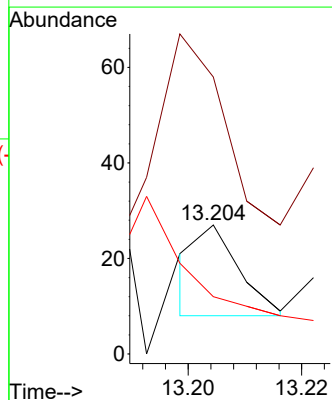
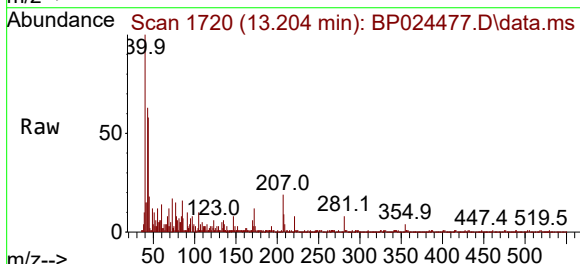
Instrument :  
BNA\_P  
ClientSampleId :  
MH-U2

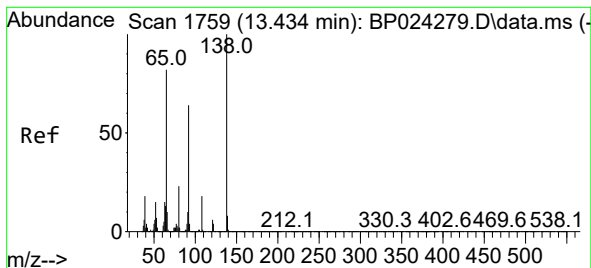
Tgt Ion:154 Resp: 3794  
Ion Ratio Lower Upper  
154 100  
153 796.5 20.3 60.3#  
76 1467.2 0.0 33.5#



#47  
2-Chloronaphthalene  
Concen: 0.001 ng  
RT: 13.204 min Scan# 1720  
Delta R.T. -0.012 min  
Lab File: BP024477.D  
Acq: 30 Apr 2025 17:28

Tgt Ion:162 Resp: 10  
Ion Ratio Lower Upper  
162 100  
127 214.8 31.9 47.9#  
164 44.4 26.2 39.4#





#48

2-Nitroaniline

Concen: 0.018 ng

RT: 13.404 min Scan# 1

Delta R.T. -0.017 min

Lab File: BP024477.D

Acq: 30 Apr 2025 17:28

Instrument :

BNA\_P

ClientSampleId :

MH-U2

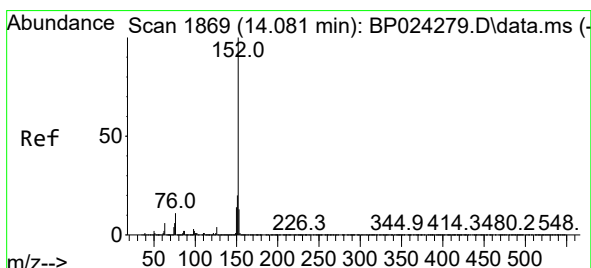
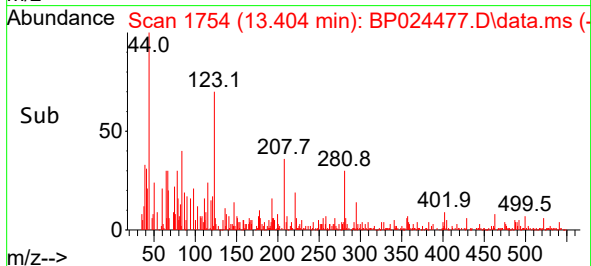
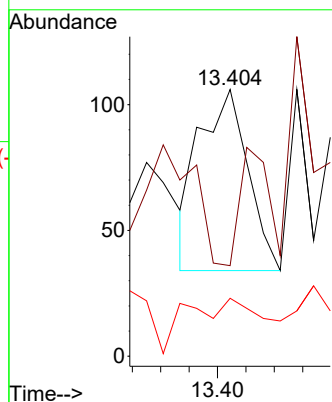
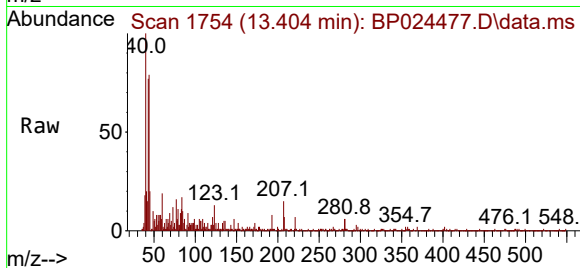
Tgt Ion: 65 Resp: 85

Ion Ratio Lower Upper

65 100

92 34.0 62.3 93.5#

138 21.7 97.2 145.8#



#49

Acenaphthylene

Concen: 0.004 ng

RT: 14.069 min Scan# 1867

Delta R.T. 0.000 min

Lab File: BP024477.D

Acq: 30 Apr 2025 17:28

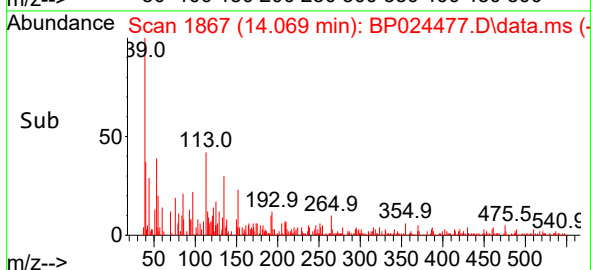
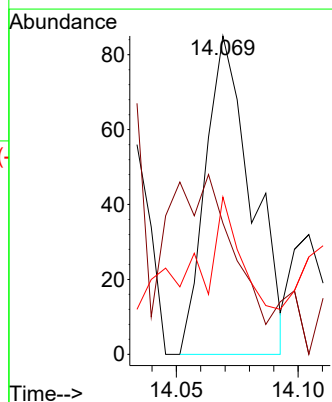
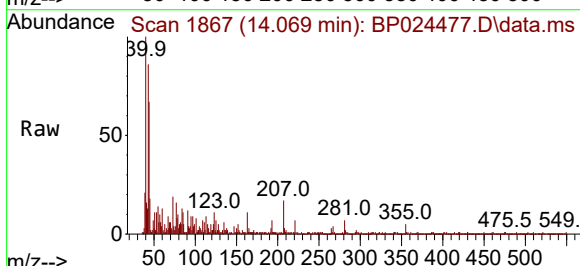
Tgt Ion: 152 Resp: 113

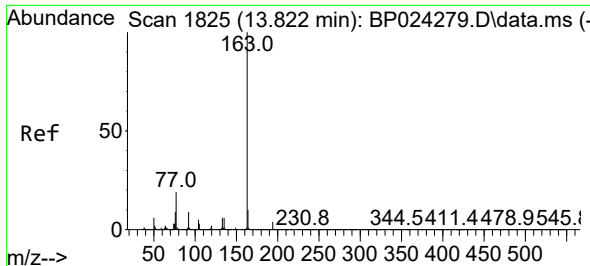
Ion Ratio Lower Upper

152 100

151 41.2 15.9 23.9#

153 49.4 10.6 15.8#

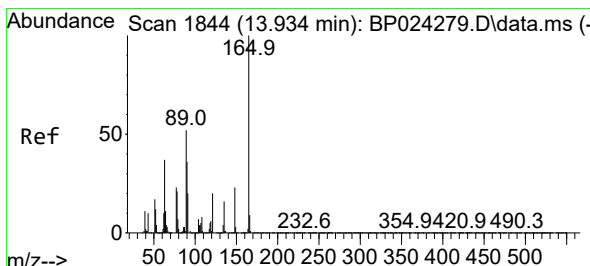
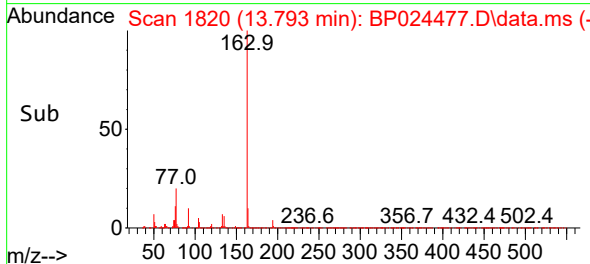
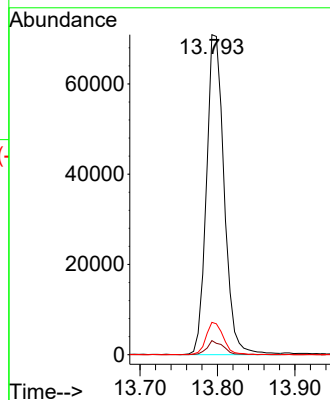
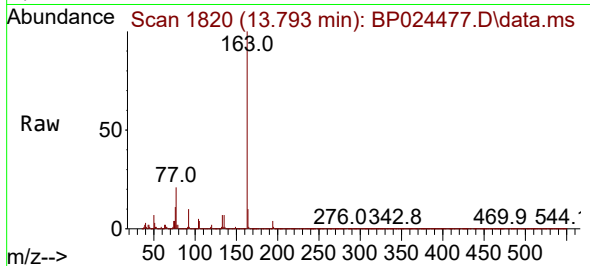




#50  
Dimethylphthalate  
Concen: 4.950 ng  
RT: 13.793 min Scan# 1820  
Delta R.T. -0.017 min  
Lab File: BP024477.D  
Acq: 30 Apr 2025 17:28

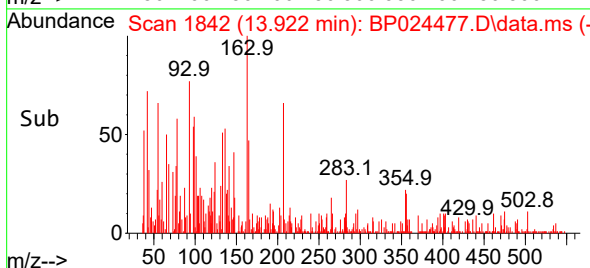
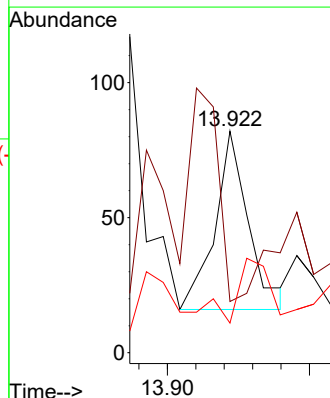
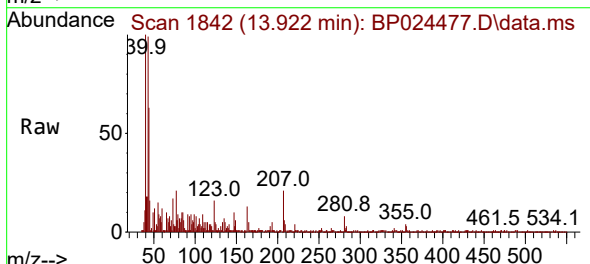
Instrument :  
BNA\_P  
ClientSampleId :  
MH-U2

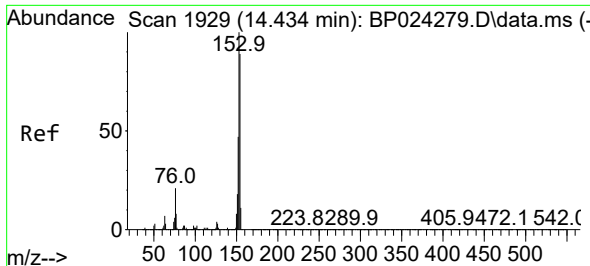
Tgt Ion:163 Resp: 112499  
Ion Ratio Lower Upper  
163 100  
194 4.4 3.5 5.3  
164 10.1 8.0 12.0



#51  
2,6-Dinitrotoluene  
Concen: 0.011 ng  
RT: 13.922 min Scan# 1842  
Delta R.T. -0.006 min  
Lab File: BP024477.D  
Acq: 30 Apr 2025 17:28

Tgt Ion:165 Resp: 54  
Ion Ratio Lower Upper  
165 100  
63 43.9 38.0 57.0  
89 13.4 41.7 62.5#

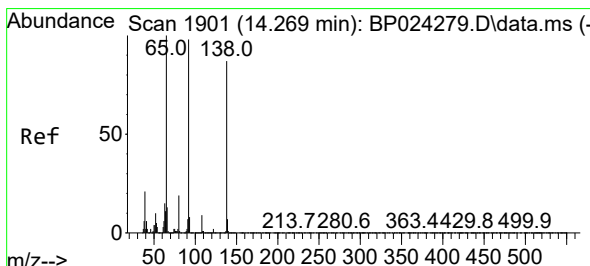
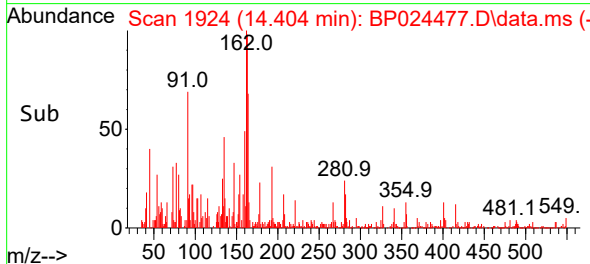
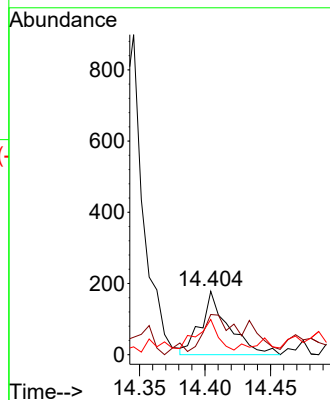
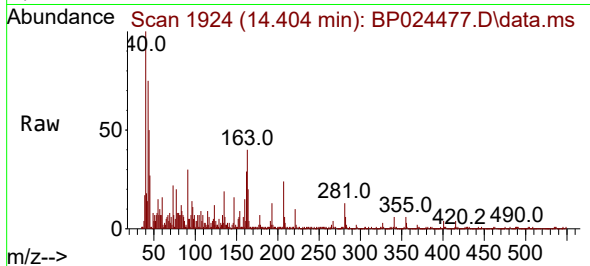




#52  
Acenaphthene  
Concen: 0.015 ng  
RT: 14.404 min Scan# 1897  
Delta R.T. -0.017 min  
Lab File: BP024477.D  
Acq: 30 Apr 2025 17:28

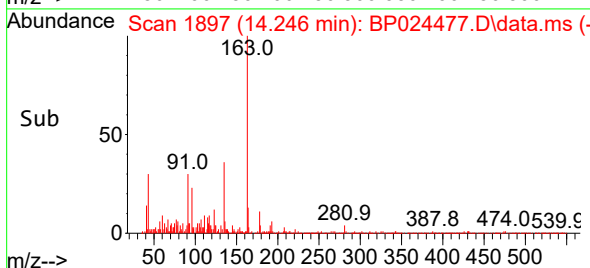
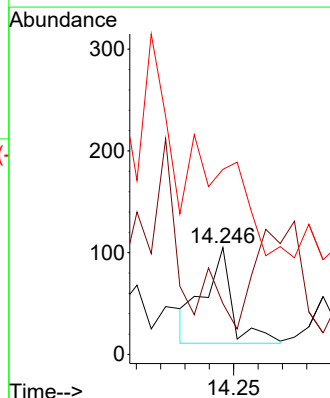
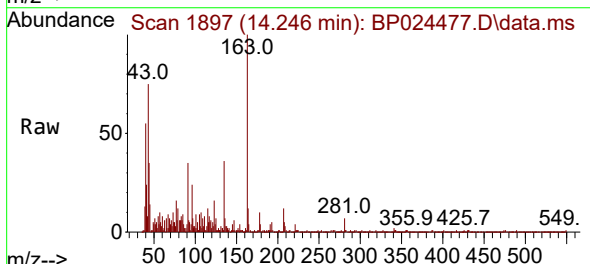
Instrument :  
BNA\_P  
ClientSampleId :  
MH-U2

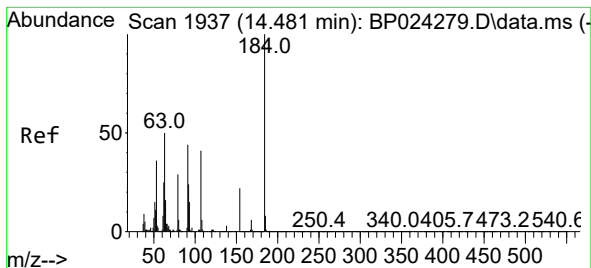
Tgt Ion:154 Resp: 261  
Ion Ratio Lower Upper  
154 100  
153 63.5 89.8 134.6#  
152 55.6 42.6 63.8



#53  
3-Nitroaniline  
Concen: 0.015 ng  
RT: 14.246 min Scan# 1897  
Delta R.T. -0.017 min  
Lab File: BP024477.D  
Acq: 30 Apr 2025 17:28

Tgt Ion:138 Resp: 76  
Ion Ratio Lower Upper  
138 100  
108 47.6 8.3 12.5#  
92 173.3 89.8 134.8#

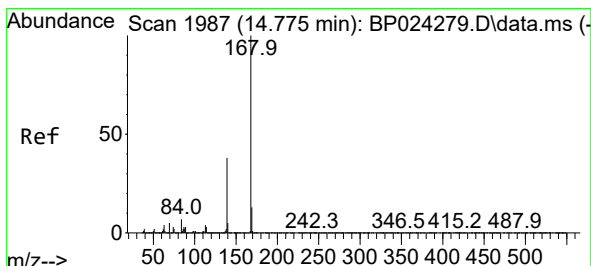
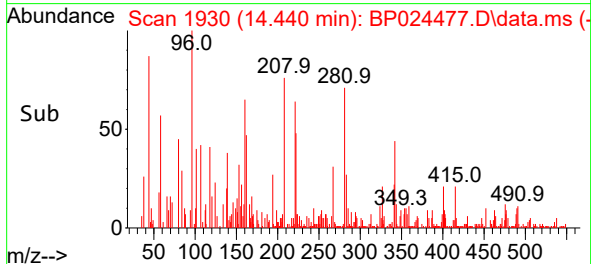
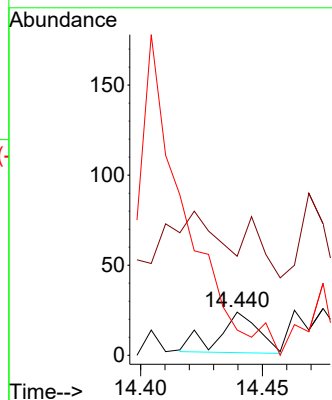
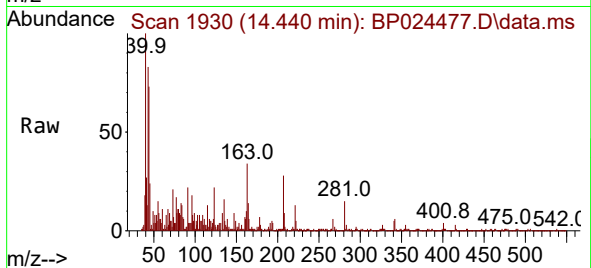




#54  
2,4-Dinitrophenol  
Concen: 0.009 ng  
RT: 14.440 min Scan# 1930  
Delta R.T. -0.029 min  
Lab File: BP024477.D  
Acq: 30 Apr 2025 17:28

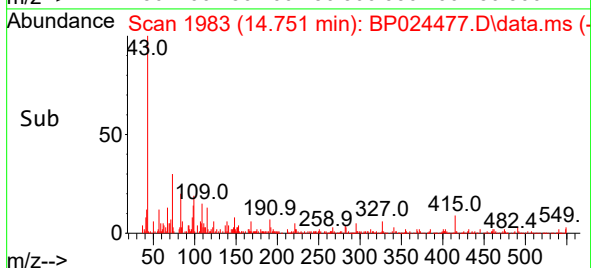
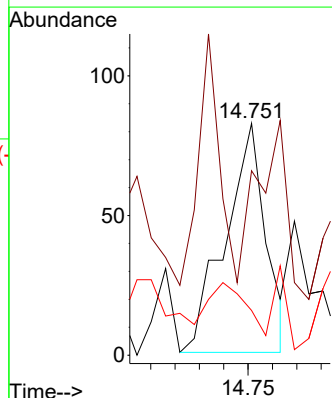
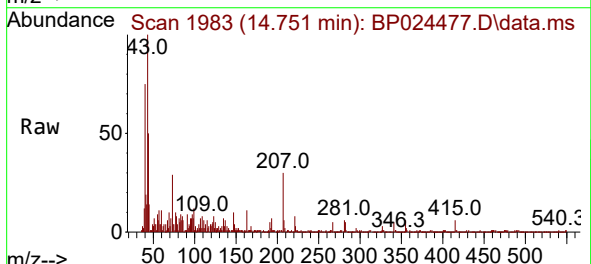
Instrument :  
BNA\_P  
ClientSampleId :  
MH-U2

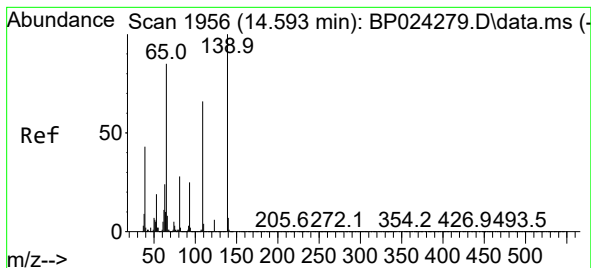
Tgt Ion:184 Resp: 26  
Ion Ratio Lower Upper  
184 100  
63 229.2 42.6 64.0#  
154 58.3 47.2 70.8



#55  
Dibenzofuran  
Concen: 0.003 ng  
RT: 14.751 min Scan# 1983  
Delta R.T. -0.006 min  
Lab File: BP024477.D  
Acq: 30 Apr 2025 17:28

Tgt Ion:168 Resp: 95  
Ion Ratio Lower Upper  
168 100  
139 79.5 30.3 45.5#  
169 19.3 10.6 16.0#

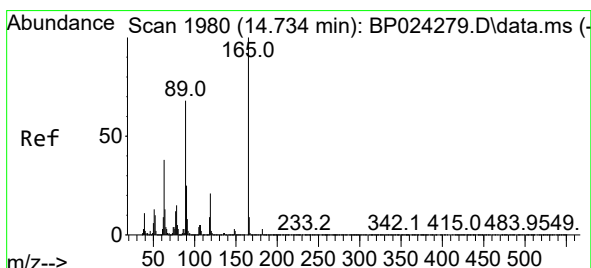
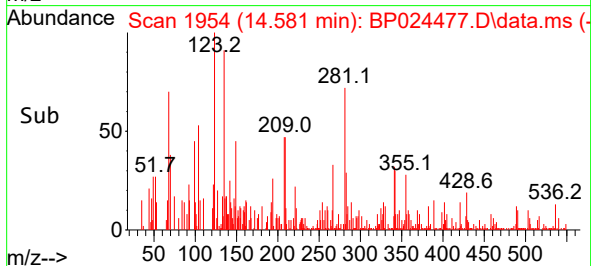
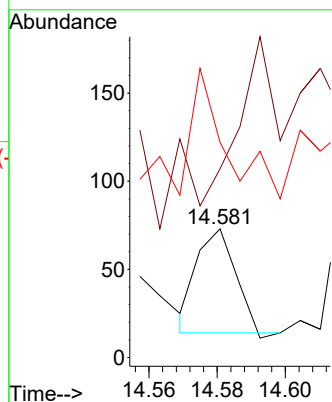
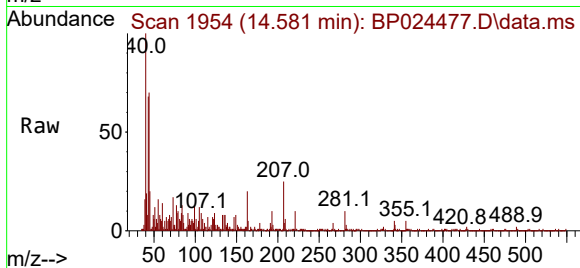




#56  
4-Nitrophenol  
Concen: 0.011 ng  
RT: 14.581 min Scan# 1954  
Delta R.T. -0.012 min  
Lab File: BP024477.D  
Acq: 30 Apr 2025 17:28

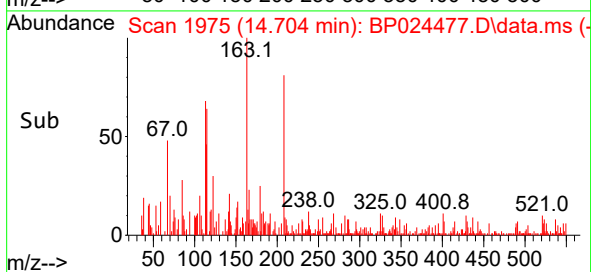
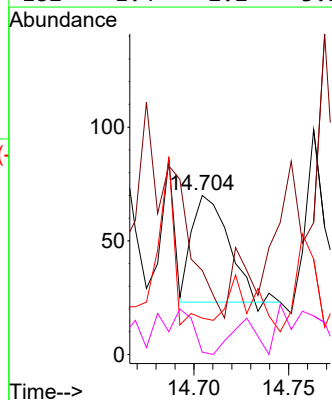
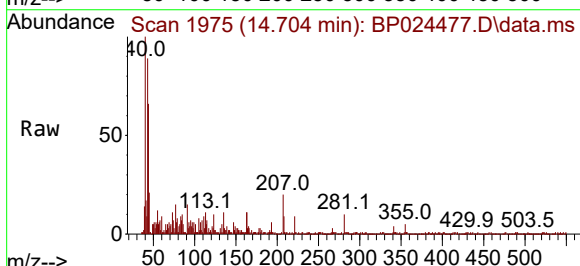
Instrument :  
BNA\_P  
ClientSampleId :  
MH-U2

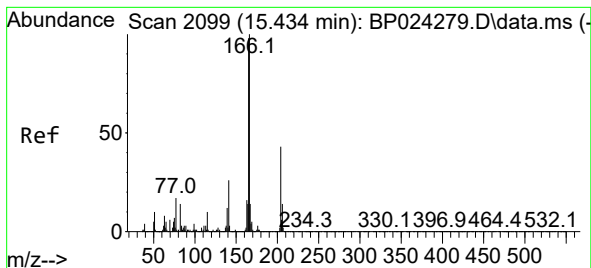
Tgt Ion:139 Resp: 46  
Ion Ratio Lower Upper  
139 100  
109 146.6 46.1 86.1#  
65 167.1 65.0 105.0#



#57  
2,4-Dinitrotoluene  
Concen: 0.010 ng  
RT: 14.704 min Scan# 1975  
Delta R.T. -0.017 min  
Lab File: BP024477.D  
Acq: 30 Apr 2025 17:28

Tgt Ion:165 Resp: 64  
Ion Ratio Lower Upper  
165 100  
63 52.9 30.4 45.6#  
89 22.9 54.6 82.0#  
182 1.4 2.2 3.2#





#58

Fluorene

Concen: 0.009 ng

RT: 15.416 min Scan# 20

Delta R.T. 0.000 min

Lab File: BP024477.D

Acq: 30 Apr 2025 17:28

Instrument :

BNA\_P

ClientSampleId :

MH-U2

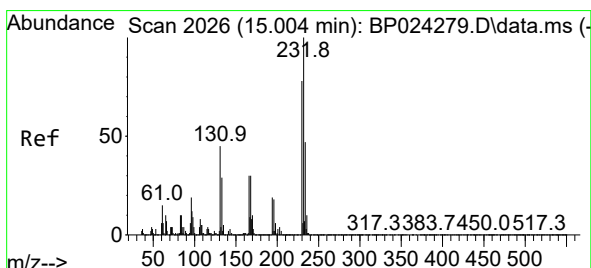
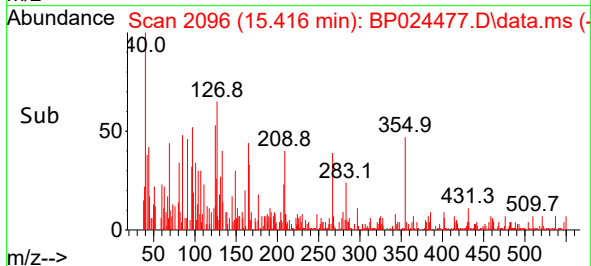
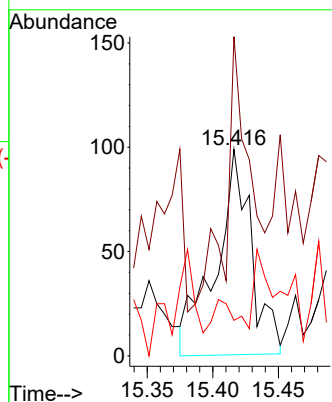
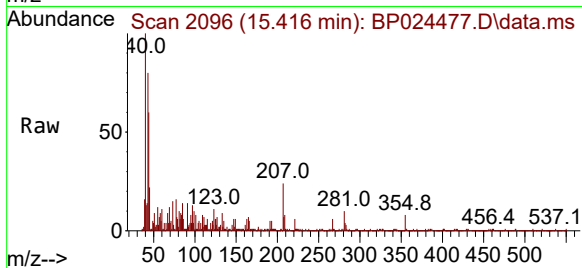
Tgt Ion:166 Resp: 187

Ion Ratio Lower Upper

166 100

165 154.5 78.1 117.1#

167 17.2 10.9 16.3#



#59

2,3,4,6-Tetrachlorophenol

Concen: 0.003 ng

RT: 14.998 min Scan# 2025

Delta R.T. 0.006 min

Lab File: BP024477.D

Acq: 30 Apr 2025 17:28

Tgt Ion:232 Resp: 20

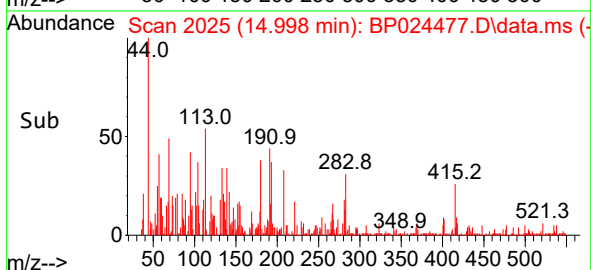
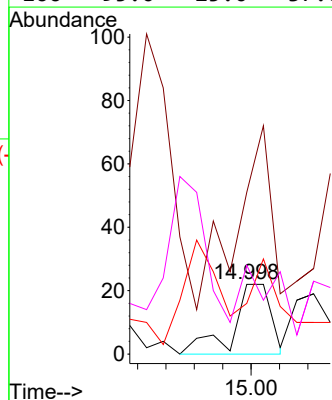
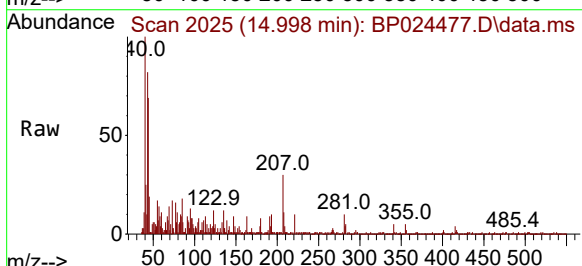
Ion Ratio Lower Upper

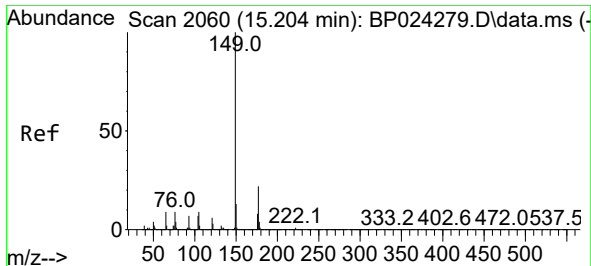
232 100

131 290.0 36.8 55.2#

130 55.0 1.9 2.9#

166 95.0 25.0 37.6#

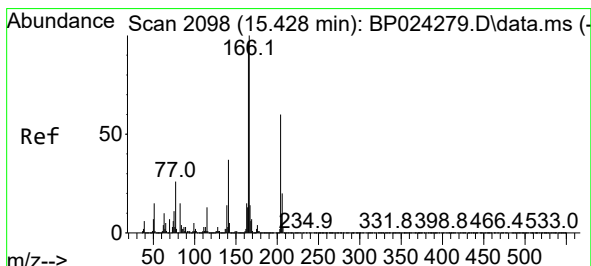
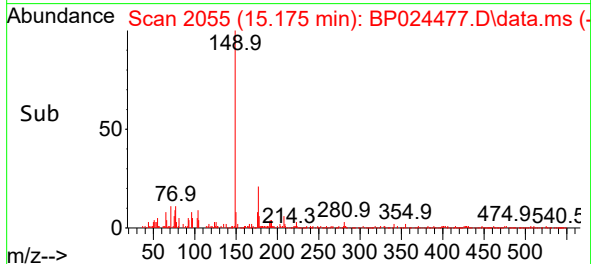
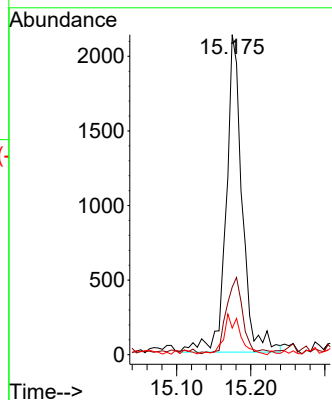
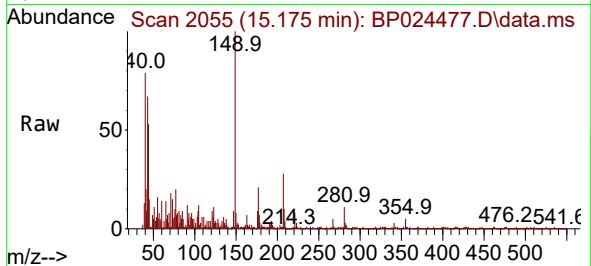




#60  
Diethylphthalate  
Concen: 0.137 ng  
RT: 15.175 min Scan# 2055  
Delta R.T. -0.017 min  
Lab File: BP024477.D  
Acq: 30 Apr 2025 17:28

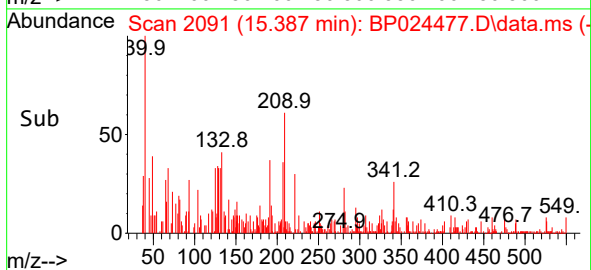
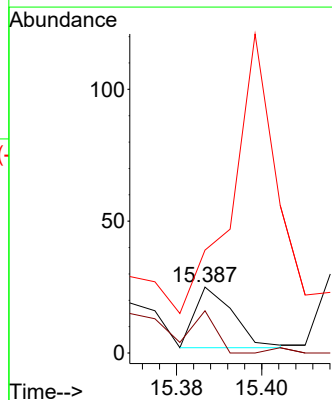
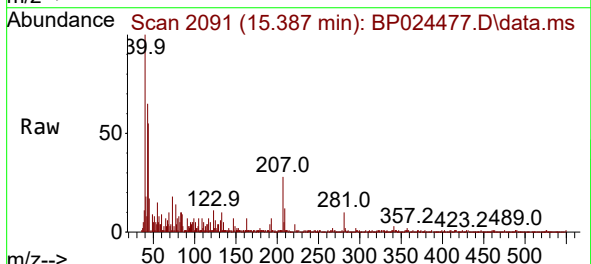
Instrument :  
BNA\_P  
ClientSampleId :  
MH-U2

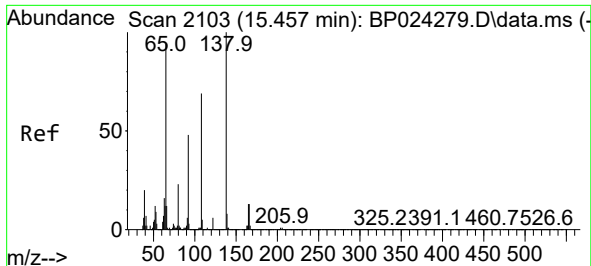
Tgt Ion:149 Resp: 3219  
Ion Ratio Lower Upper  
149 100  
177 21.1 17.4 26.2  
150 8.3 10.1 15.1#



#61  
4-Chlorophenyl-phenylether  
Concen: 0.001 ng  
RT: 15.387 min Scan# 2091  
Delta R.T. -0.023 min  
Lab File: BP024477.D  
Acq: 30 Apr 2025 17:28

Tgt Ion:204 Resp: 14  
Ion Ratio Lower Upper  
204 100  
206 64.0 26.5 39.7#  
141 156.0 49.4 74.0#

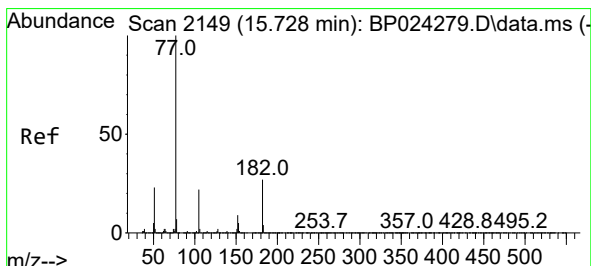
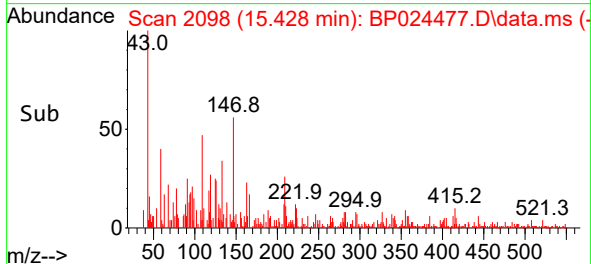
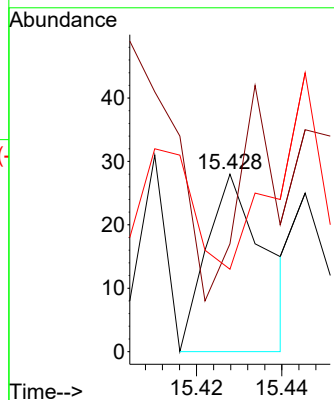
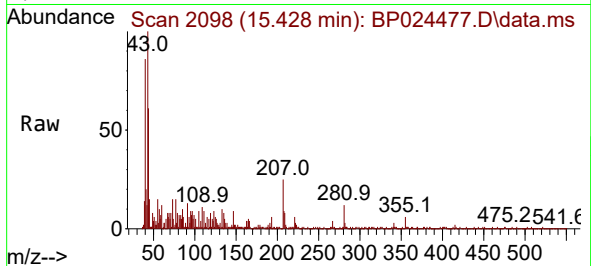




#62  
4-Nitroaniline  
Concen: 0.005 ng  
RT: 15.428 min Scan# 2103  
Delta R.T. -0.012 min  
Lab File: BP024477.D  
Acq: 30 Apr 2025 17:28

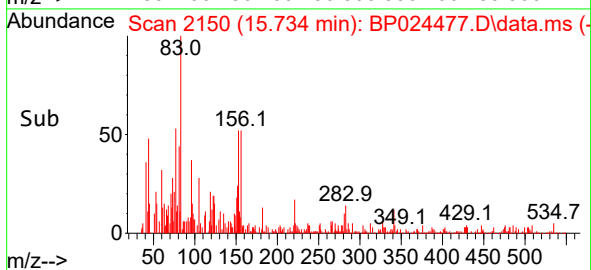
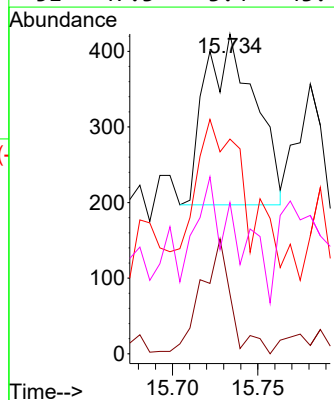
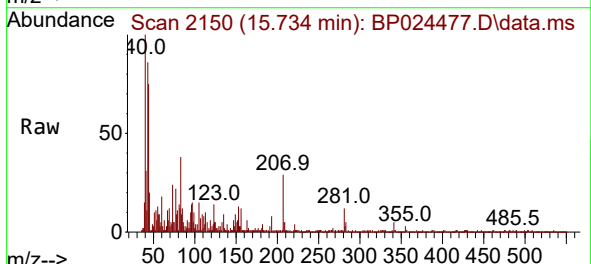
Instrument :  
BNA\_P  
ClientSampleId :  
MH-U2

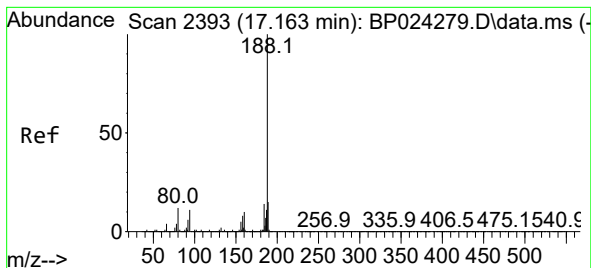
Tgt Ion:138 Resp: 27  
Ion Ratio Lower Upper  
138 100  
92 60.7 27.8 67.8  
108 46.4 48.9 88.9#



#63  
Azobenzene  
Concen: 0.021 ng  
RT: 15.734 min Scan# 2150  
Delta R.T. 0.024 min  
Lab File: BP024477.D  
Acq: 30 Apr 2025 17:28

Tgt Ion: 77 Resp: 456  
Ion Ratio Lower Upper  
77 100  
182 19.6 7.3 47.3  
105 67.1 2.3 42.3#  
51 47.3 3.4 43.4#





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.145 min Scan# 2112

Delta R.T. 0.000 min

Lab File: BP024477.D

Acq: 30 Apr 2025 17:28

Instrument :

BNA\_P

ClientSampleId :

MH-U2

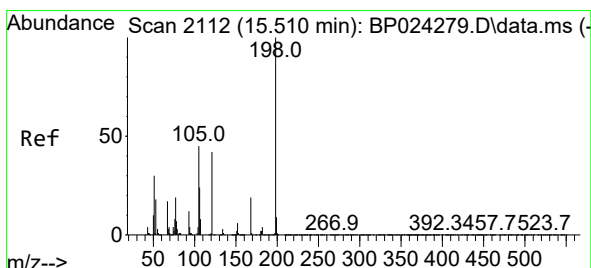
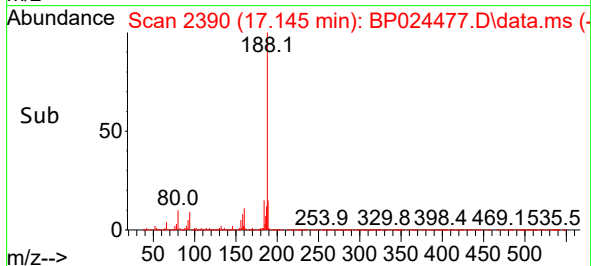
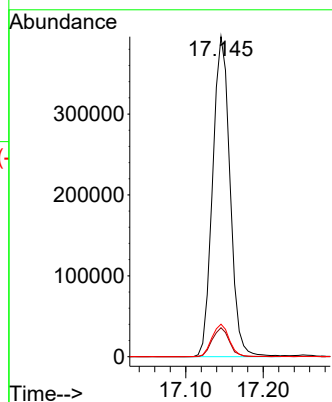
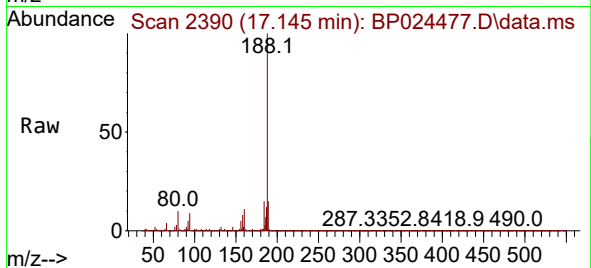
Tgt Ion:188 Resp: 617063

Ion Ratio Lower Upper

188 100

94 9.1 8.6 13.0

80 10.1 9.8 14.6



#65

4,6-Dinitro-2-methylphenol

Concen: 0.007 ng

RT: 15.510 min Scan# 2112

Delta R.T. 0.012 min

Lab File: BP024477.D

Acq: 30 Apr 2025 17:28

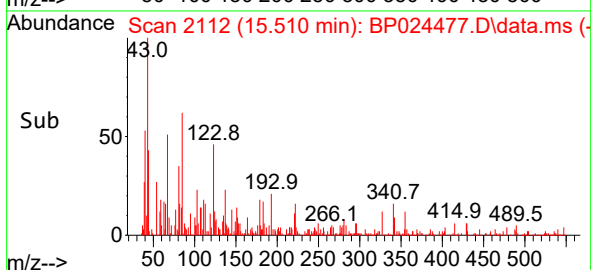
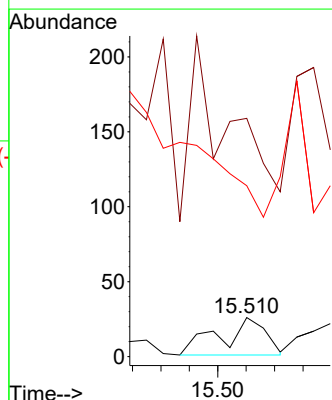
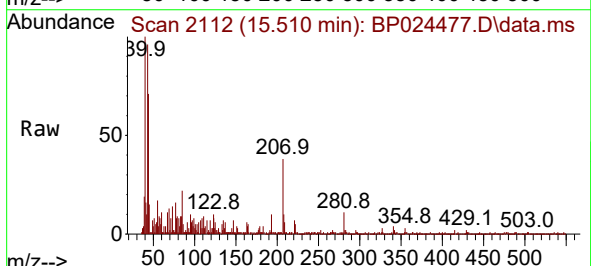
Tgt Ion:198 Resp: 28

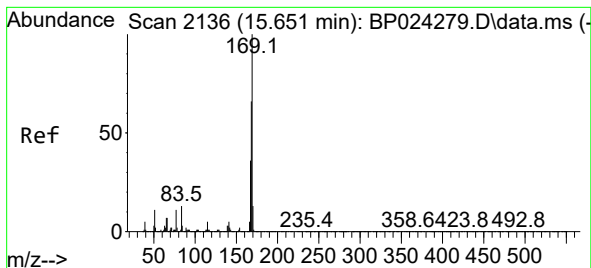
Ion Ratio Lower Upper

198 100

51 611.5 18.4 58.4#

105 438.5 26.5 66.5#





#66

n-Nitrosodiphenylamine

Concen: 0.982 ng

RT: 15.851 min Scan# 21

Delta R.T. 0.224 min

Lab File: BP024477.D

Acq: 30 Apr 2025 17:28

Instrument :

BNA\_P

ClientSampleId :

MH-U2

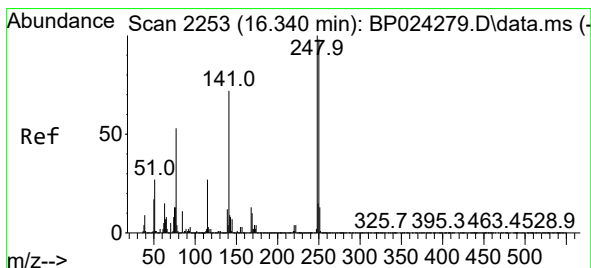
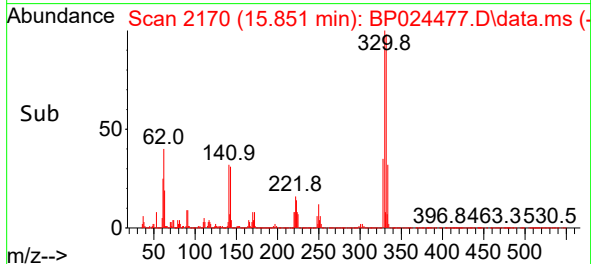
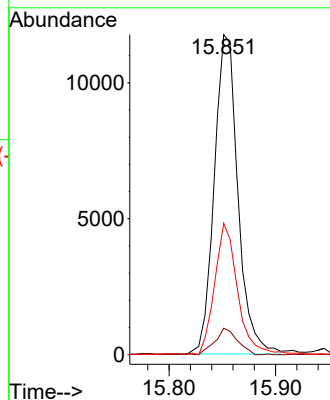
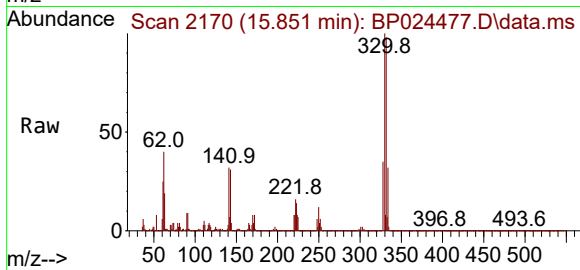
Tgt Ion:169 Resp: 18093

Ion Ratio Lower Upper

169 100

168 8.3 53.0 79.4#

167 41.1 28.9 43.3



#67

4-Bromophenyl-phenylether

Concen: 0.003 ng

RT: 16.310 min Scan# 2248

Delta R.T. -0.012 min

Lab File: BP024477.D

Acq: 30 Apr 2025 17:28

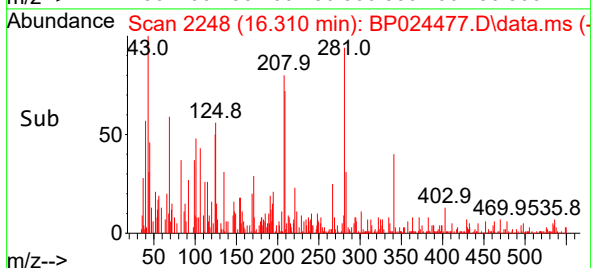
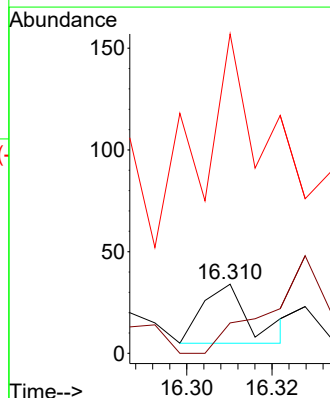
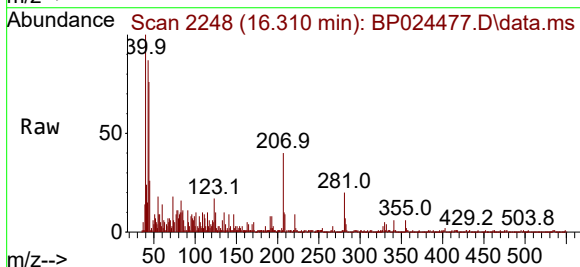
Tgt Ion:248 Resp: 23

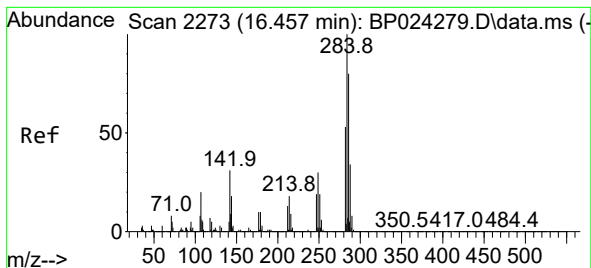
Ion Ratio Lower Upper

248 100

250 44.1 78.2 117.4#

141 461.8 57.7 86.5#





#68

Hexachlorobenzene

Concen: 0.004 ng

RT: 16.422 min Scan# 21

Delta R.T. -0.017 min

Lab File: BP024477.D

Acq: 30 Apr 2025 17:28

Instrument :

BNA\_P

ClientSampleId :

MH-U2

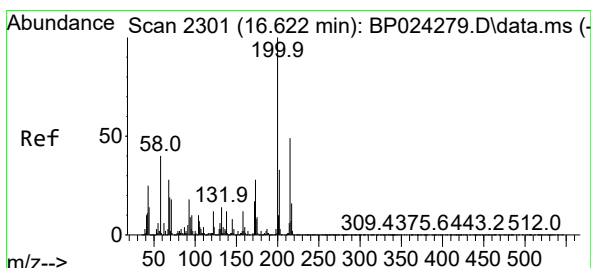
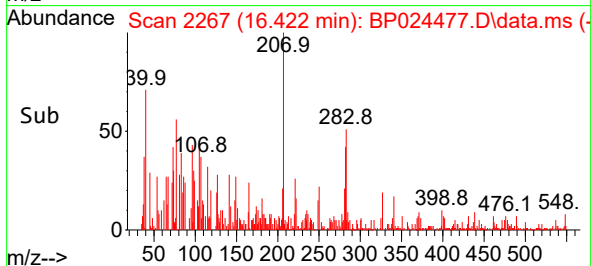
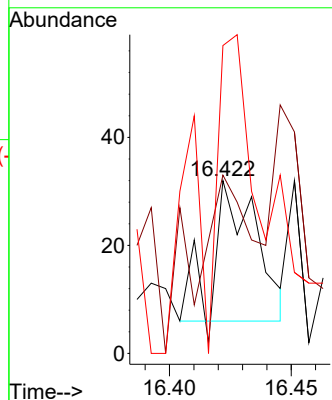
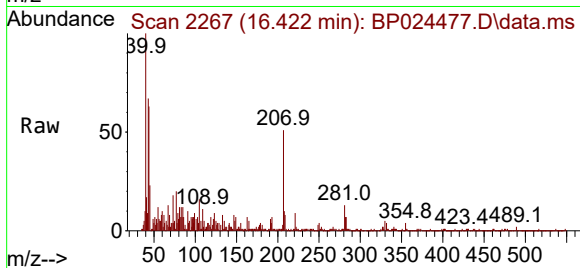
Tgt Ion:284 Resp: 32

Ion Ratio Lower Upper

284 100

142 103.1 24.6 37.0#

249 178.1 23.8 35.6#



#69

Atrazine

Concen: 0.003 ng

RT: 16.757 min Scan# 2324

Delta R.T. 0.147 min

Lab File: BP024477.D

Acq: 30 Apr 2025 17:28

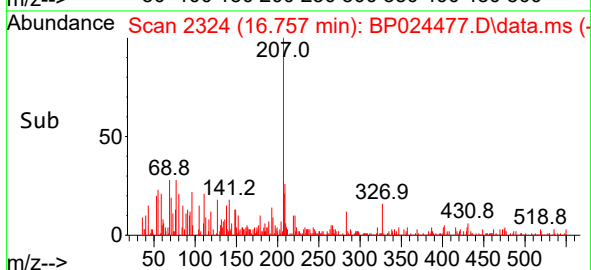
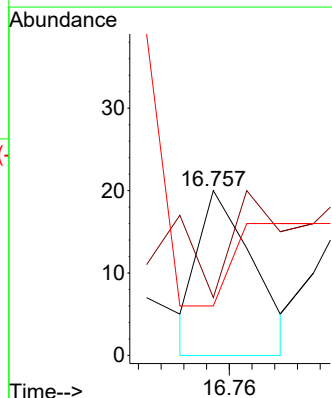
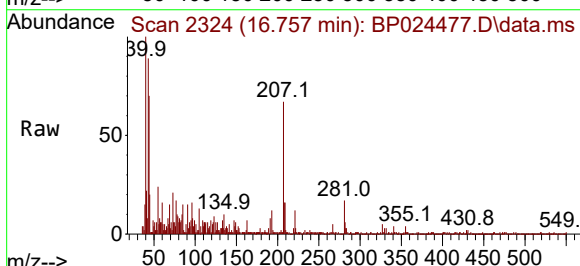
Tgt Ion:200 Resp: 13

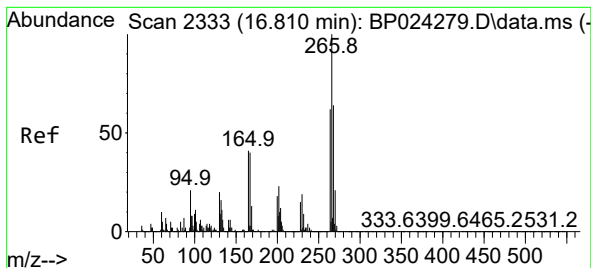
Ion Ratio Lower Upper

200 100

173 35.0 7.5 47.5

215 30.0 28.8 68.8





#70

Pentachlorophenol

Concen: 0.005 ng

RT: 16.763 min Scan# 21

Delta R.T. -0.035 min

Lab File: BP024477.D

Acq: 30 Apr 2025 17:28

Instrument :

BNA\_P

ClientSampleId :

MH-U2

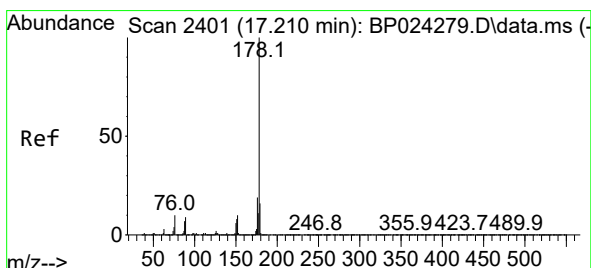
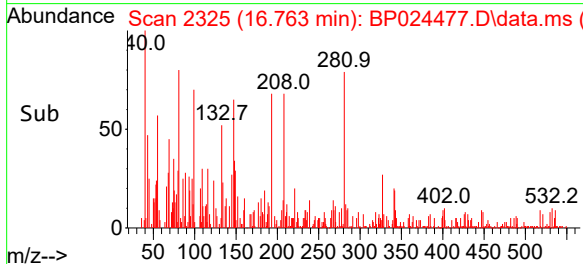
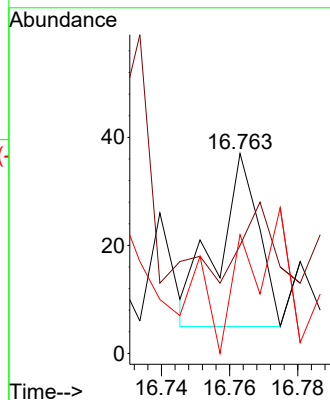
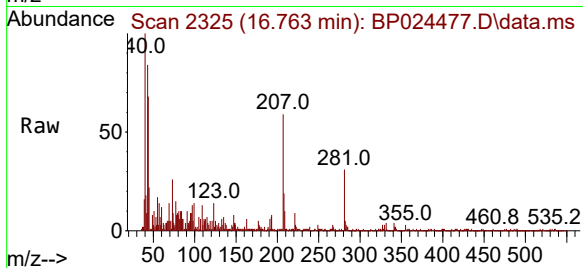
Tgt Ion:266 Resp: 26

Ion Ratio Lower Upper

266 100

268 54.1 51.0 76.6

264 59.5 49.8 74.6



#71

Phenanthrene

Concen: 0.015 ng

RT: 17.187 min Scan# 2397

Delta R.T. -0.006 min

Lab File: BP024477.D

Acq: 30 Apr 2025 17:28

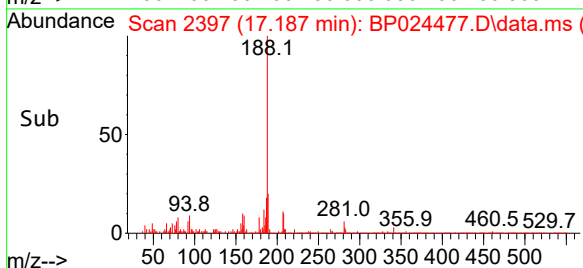
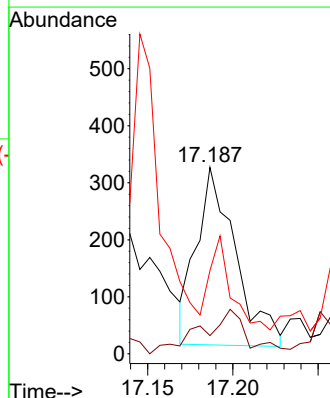
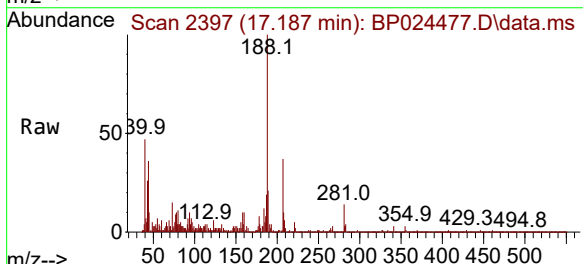
Tgt Ion:178 Resp: 495

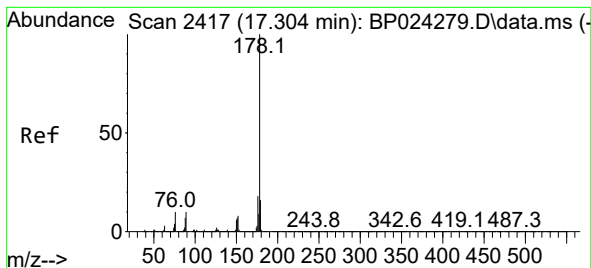
Ion Ratio Lower Upper

178 100

176 9.8 15.4 23.0#

179 44.6 12.5 18.7#





#72

Anthracene

Concen: 0.003 ng

RT: 17.304 min Scan# 2417

Delta R.T. 0.018 min

Lab File: BP024477.D

Acq: 30 Apr 2025 17:28

Instrument :

BNA\_P

ClientSampleId :

MH-U2

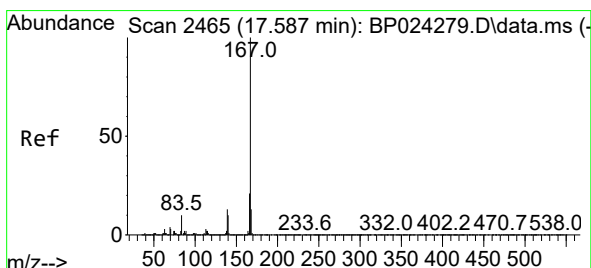
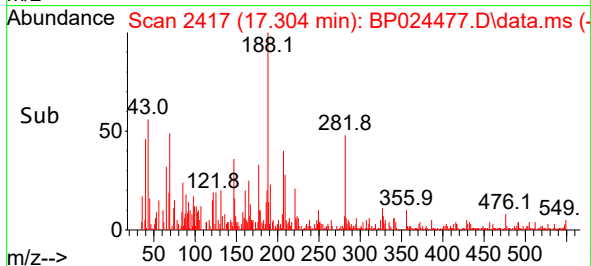
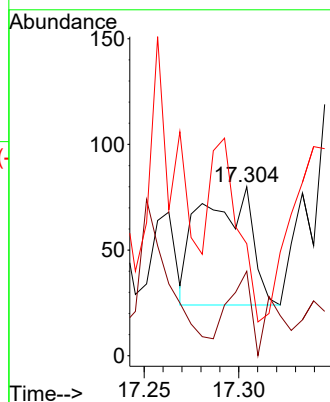
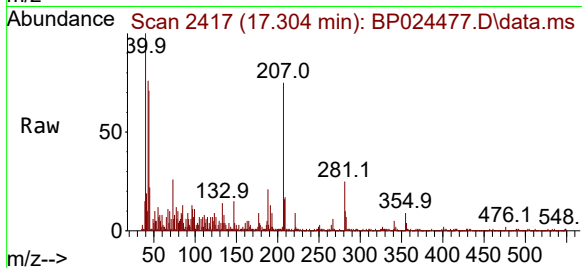
Tgt Ion:178 Resp: 103

Ion Ratio Lower Upper

178 100

176 50.0 14.7 22.1#

179 66.3 12.4 18.6#



#73

Carbazole

Concen: 0.008 ng

RT: 17.592 min Scan# 2466

Delta R.T. 0.024 min

Lab File: BP024477.D

Acq: 30 Apr 2025 17:28

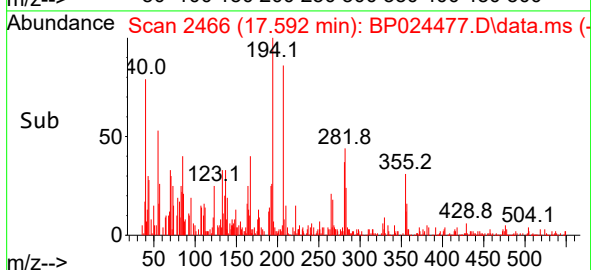
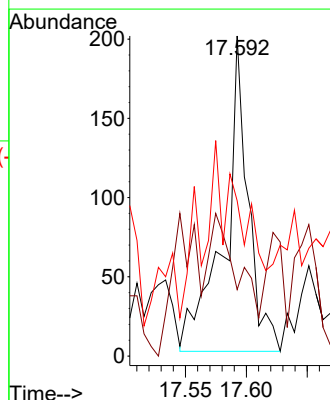
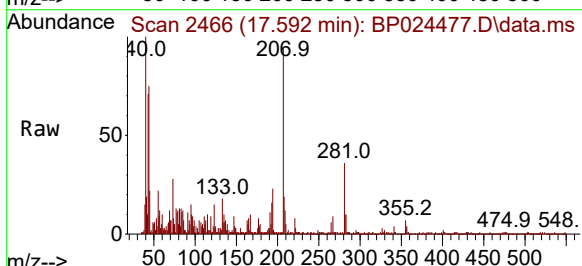
Tgt Ion:167 Resp: 268

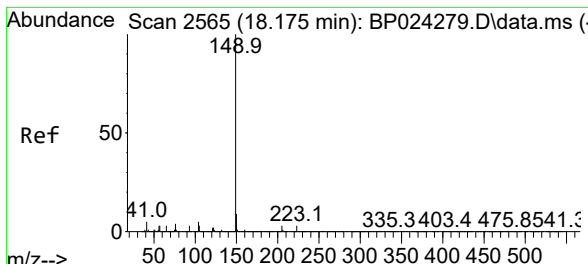
Ion Ratio Lower Upper

167 100

166 20.8 17.1 25.7

139 48.5 10.6 16.0#

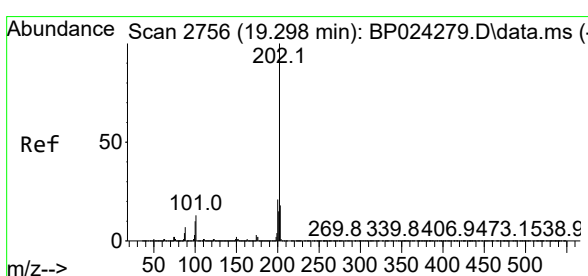
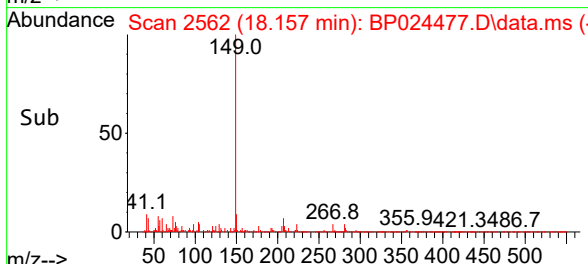
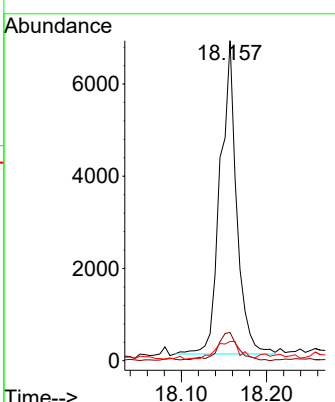
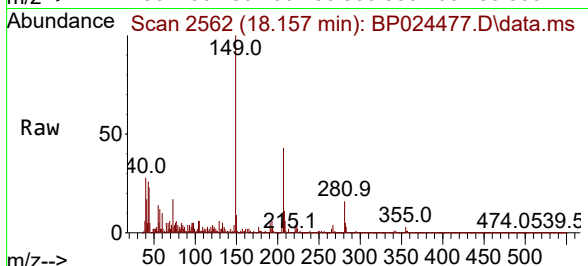




#74  
 Di-n-butylphthalate  
 Concen: 0.232 ng  
 RT: 18.157 min Scan# 21  
 Delta R.T. 0.000 min  
 Lab File: BP024477.D  
 Acq: 30 Apr 2025 17:28

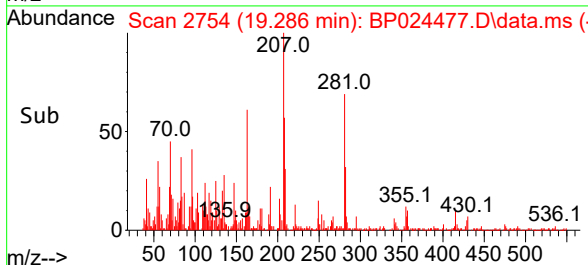
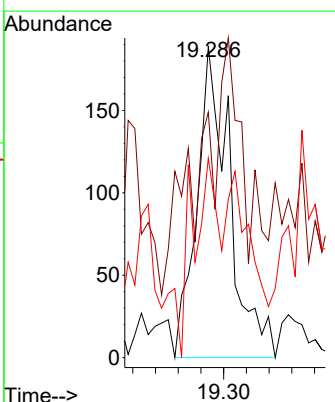
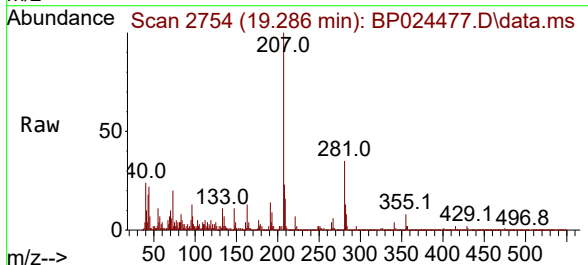
Instrument :  
 BNA\_P  
 ClientSampleId :  
 MH-U2

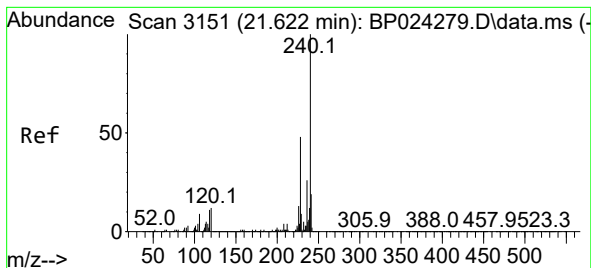
|           |       |       |      |
|-----------|-------|-------|------|
| Tgt Ion:  | 149   | Resp: | 9146 |
| Ion Ratio | Lower | Upper |      |
| 149       | 100   |       |      |
| 150       | 8.8   | 7.4   | 11.2 |
| 104       | 6.0   | 3.9   | 5.9# |



#75  
 Fluoranthene  
 Concen: 0.009 ng  
 RT: 19.286 min Scan# 2754  
 Delta R.T. 0.006 min  
 Lab File: BP024477.D  
 Acq: 30 Apr 2025 17:28

|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 202   | Resp: | 378   |
| Ion Ratio | Lower | Upper |       |
| 202       | 100   |       |       |
| 101       | 78.8  | 0.0   | 33.2# |
| 203       | 64.0  | 0.0   | 37.7# |





#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.598 min Scan# 31

Delta R.T. 0.006 min

Lab File: BP024477.D

Acq: 30 Apr 2025 17:28

Instrument :

BNA\_P

ClientSampleId :

MH-U2

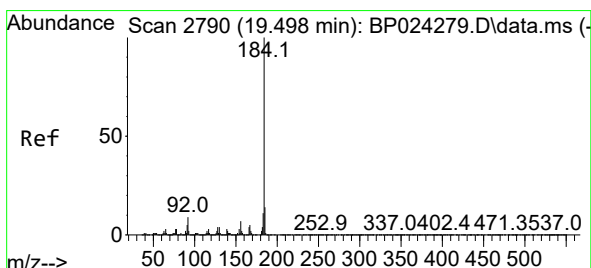
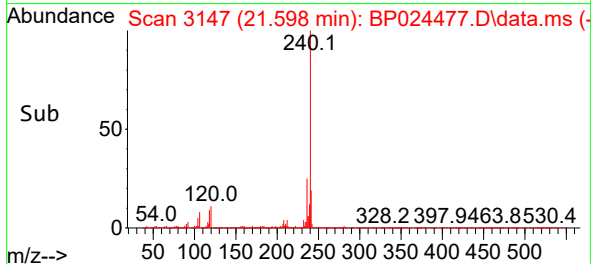
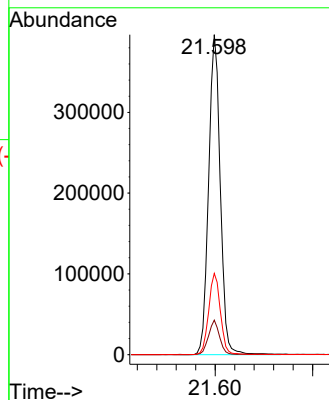
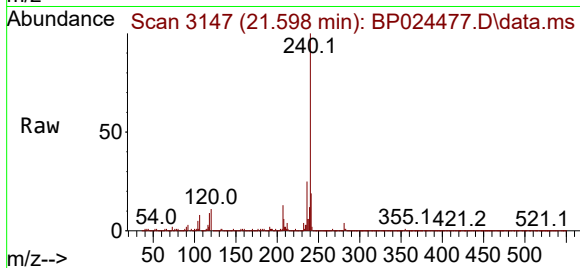
Tgt Ion:240 Resp: 655407

Ion Ratio Lower Upper

240 100

120 10.8 9.8 14.8

236 25.4 20.9 31.3



#77

Benzidine

Concen: 0.006 ng

RT: 19.475 min Scan# 2786

Delta R.T. -0.006 min

Lab File: BP024477.D

Acq: 30 Apr 2025 17:28

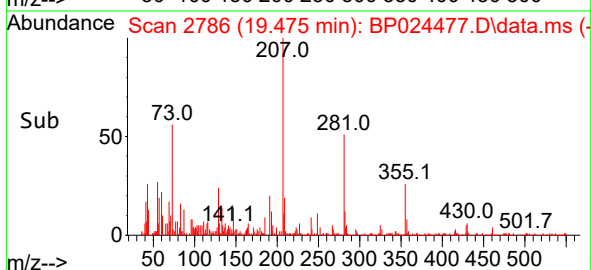
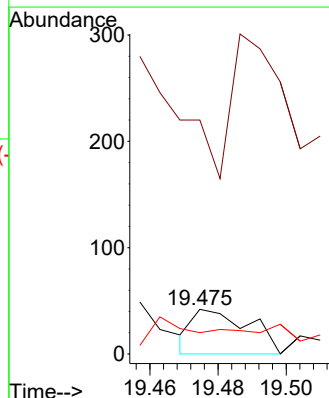
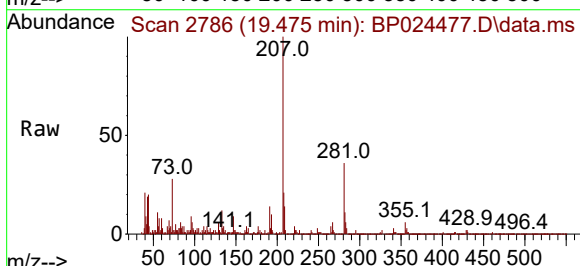
Tgt Ion:184 Resp: 48

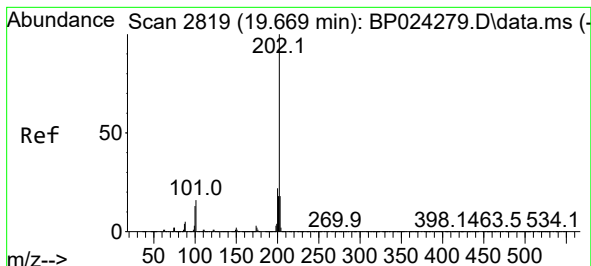
Ion Ratio Lower Upper

184 100

185 523.8 11.6 17.4#

183 47.6 9.2 13.8#





#78

Pyrene

Concen: 0.023 ng

RT: 19.657 min Scan# 2817

Delta R.T. 0.006 min

Lab File: BP024477.D

Acq: 30 Apr 2025 17:28

Instrument :

BNA\_P

ClientSampleId :

MH-U2

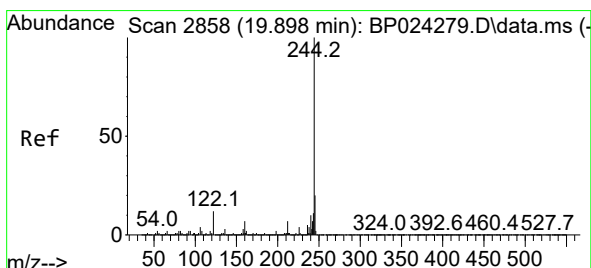
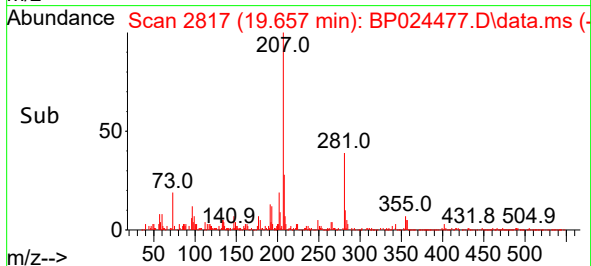
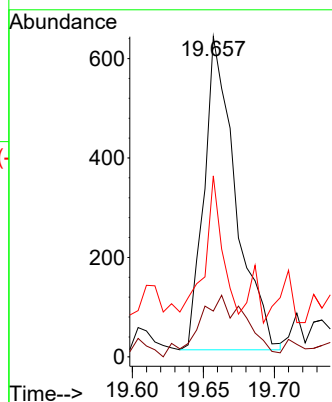
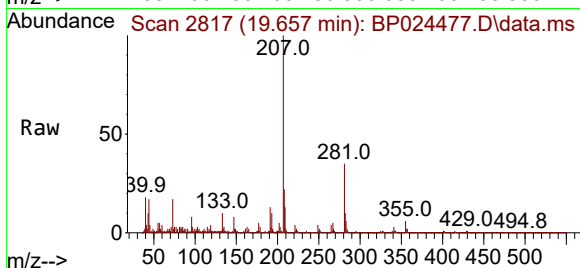
Tgt Ion:202 Resp: 974

Ion Ratio Lower Upper

202 100

200 14.3 17.2 25.8#

203 56.5 14.4 21.6#



#79

Terphenyl-d14

Concen: 84.234 ng

RT: 19.875 min Scan# 2854

Delta R.T. 0.000 min

Lab File: BP024477.D

Acq: 30 Apr 2025 17:28

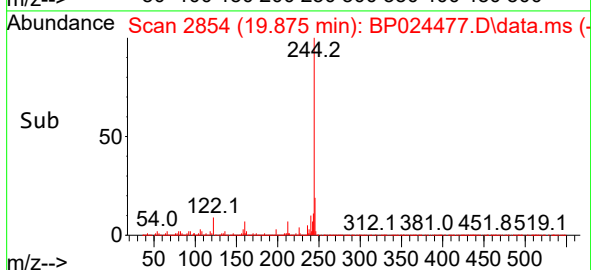
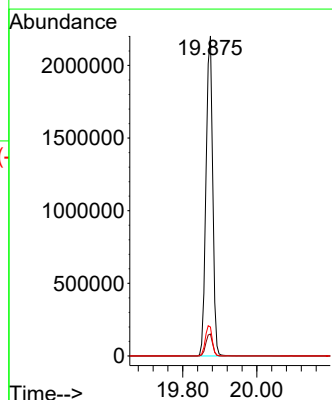
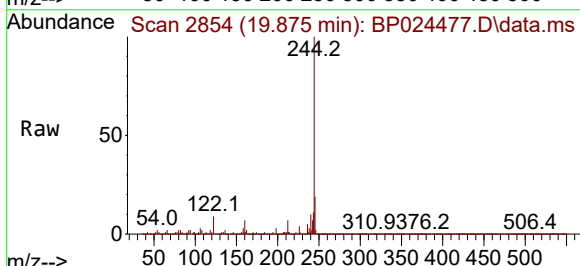
Tgt Ion:244 Resp: 2738975

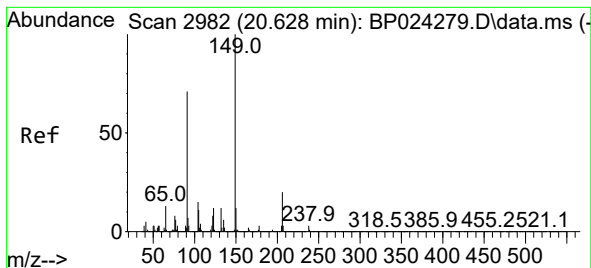
Ion Ratio Lower Upper

244 100

212 6.8 5.6 8.4

122 9.1 9.4 14.0#





#80

Butylbenzylphthalate

Concen: 0.056 ng

RT: 20.610 min Scan# 2982

Delta R.T. 0.006 min

Lab File: BP024477.D

Acq: 30 Apr 2025 17:28

Instrument :

BNA\_P

ClientSampleId :

MH-U2

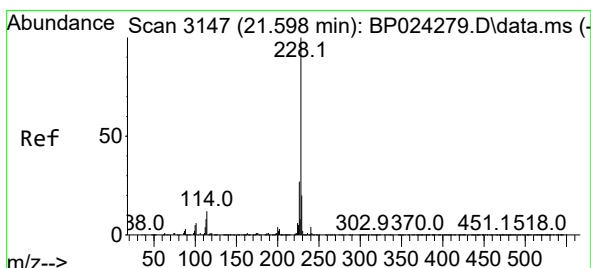
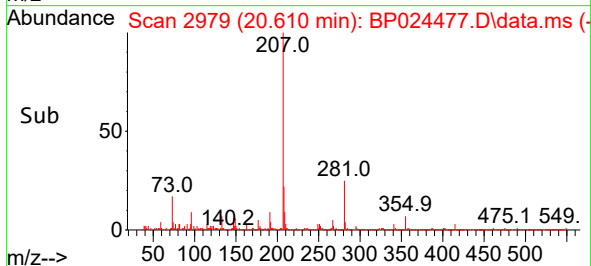
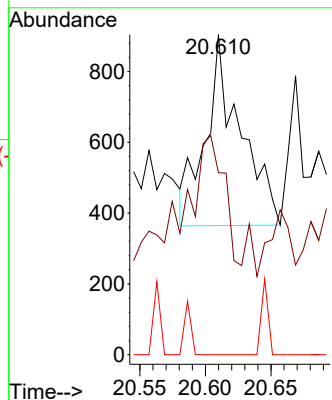
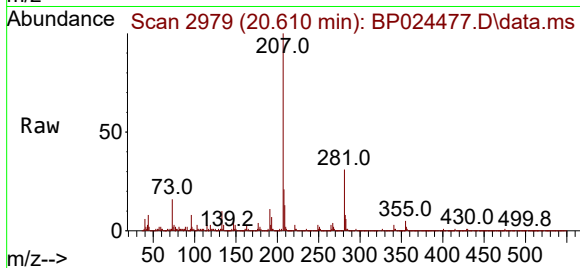
Tgt Ion:149 Resp: 1001

Ion Ratio Lower Upper

149 100

91 56.9 56.4 84.6

206 0.0 16.3 24.5#



#81

Benzo(a)anthracene

Concen: 0.061 ng

RT: 21.598 min Scan# 3147

Delta R.T. 0.030 min

Lab File: BP024477.D

Acq: 30 Apr 2025 17:28

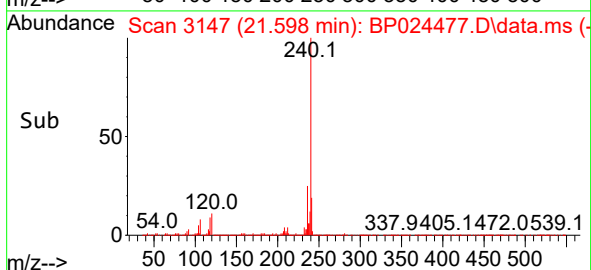
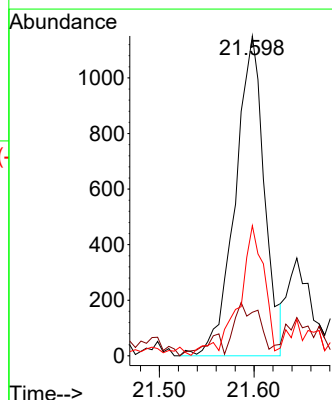
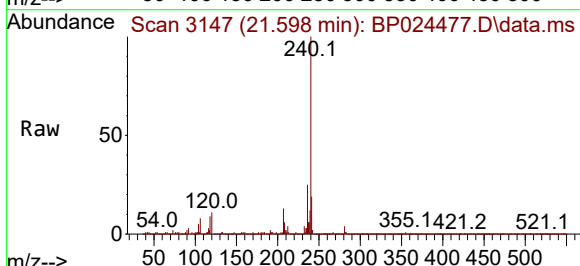
Tgt Ion:228 Resp: 2468

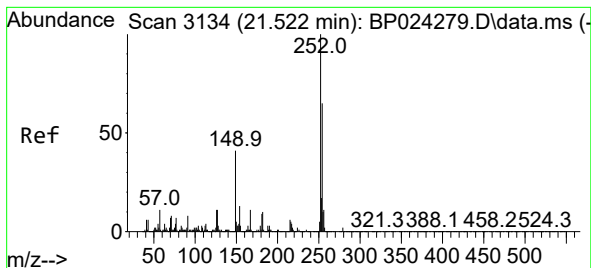
Ion Ratio Lower Upper

228 100

226 13.6 21.8 32.8#

229 40.7 15.9 23.9#





#82

3,3'-Dichlorobenzidine

Concen: 0.010 ng

RT: 21.480 min Scan# 31

Delta R.T. -0.012 min

Lab File: BP024477.D

Acq: 30 Apr 2025 17:28

Instrument :

BNA\_P

ClientSampleId :

MH-U2

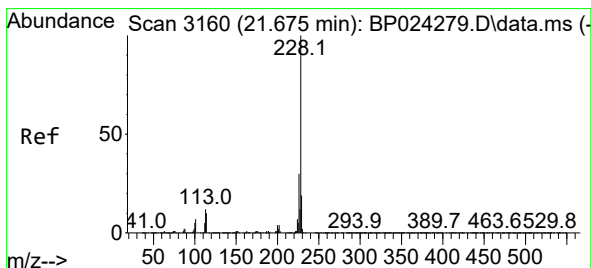
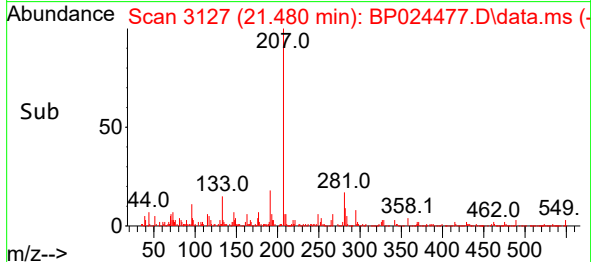
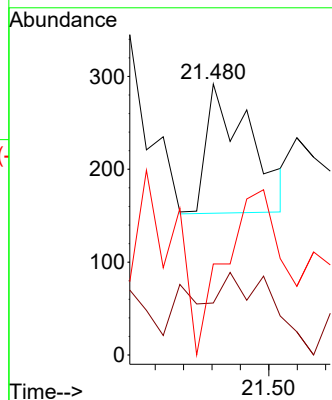
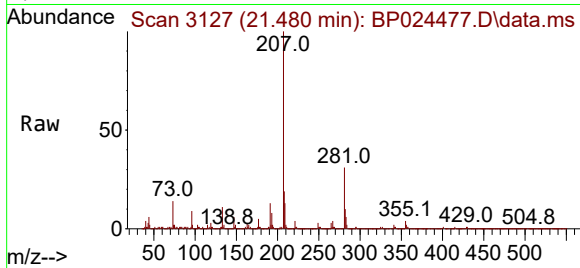
Tgt Ion:252 Resp: 148

Ion Ratio Lower Upper

252 100

254 19.2 51.7 77.5#

126 33.6 8.8 13.2#



#83

Chrysene

Concen: 0.015 ng

RT: 21.645 min Scan# 3155

Delta R.T. 0.006 min

Lab File: BP024477.D

Acq: 30 Apr 2025 17:28

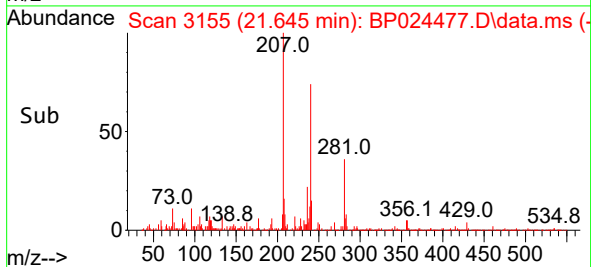
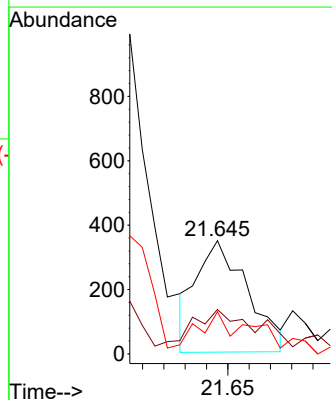
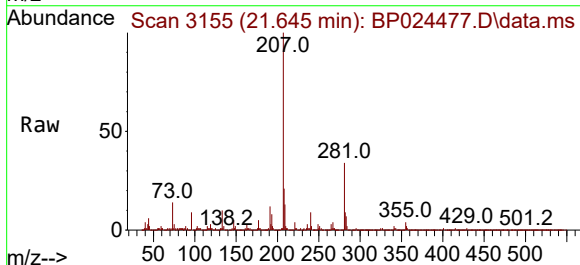
Tgt Ion:228 Resp: 579

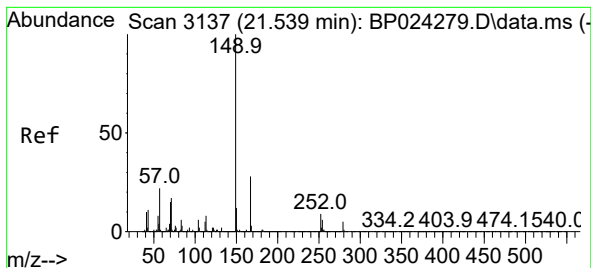
Ion Ratio Lower Upper

228 100

226 39.2 24.2 36.2#

229 37.2 15.6 23.4#





#84

Bis(2-ethylhexyl)phthalate

Concen: 1.251 ng

RT: 21.510 min Scan# 3137

Delta R.T. 0.000 min

Lab File: BP024477.D

Acq: 30 Apr 2025 17:28

Instrument :

BNA\_P

ClientSampleId :

MH-U2

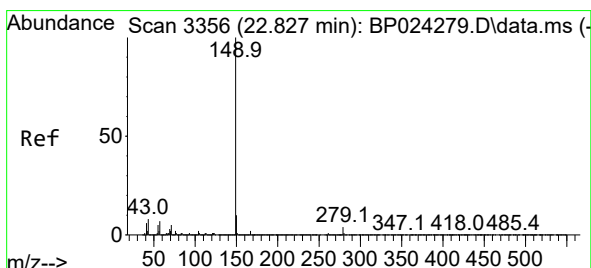
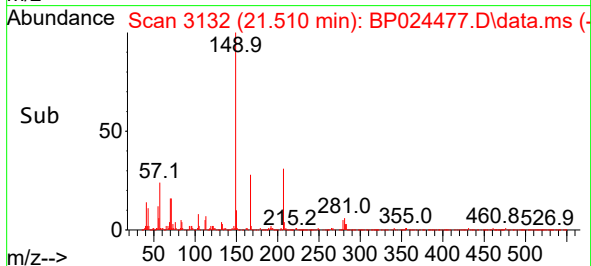
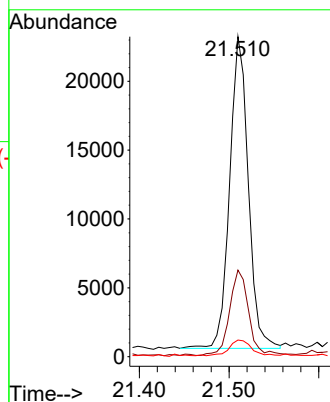
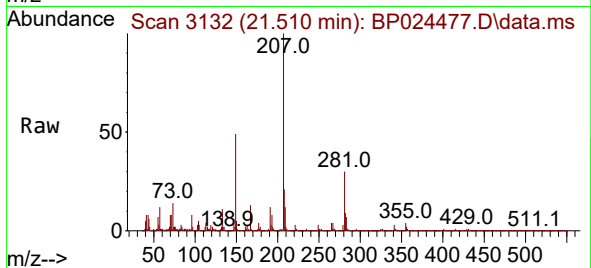
Tgt Ion:149 Resp: 32712

Ion Ratio Lower Upper

149 100

167 27.1 22.4 33.6

279 5.2 4.0 6.0



#85

Di-n-octyl phthalate

Concen: 0.025 ng

RT: 22.792 min Scan# 3350

Delta R.T. 0.006 min

Lab File: BP024477.D

Acq: 30 Apr 2025 17:28

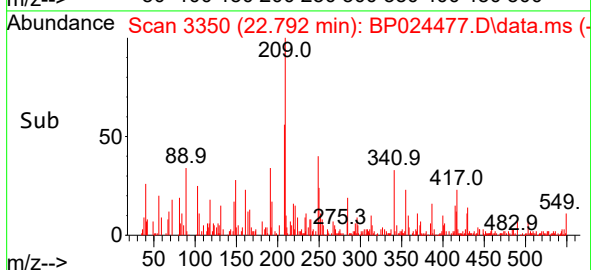
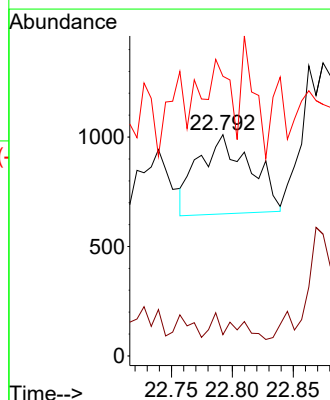
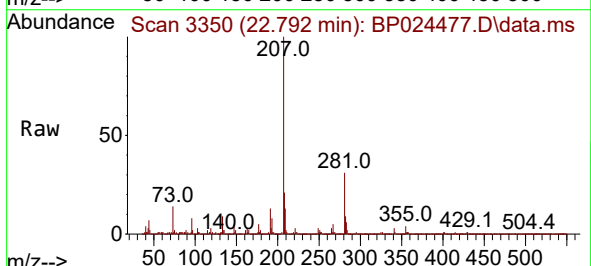
Tgt Ion:149 Resp: 1068

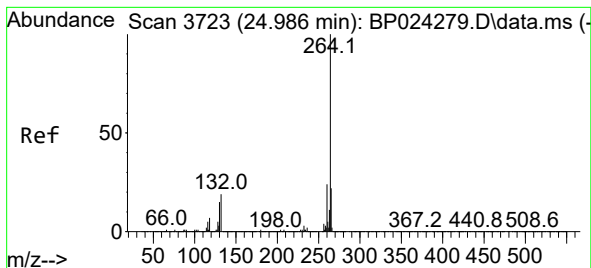
Ion Ratio Lower Upper

149 100

167 5.2 1.2 1.8#

43 36.8 6.0 9.0#





#86

Perylene-d12

Concen: 20.000 ng

RT: 24.951 min Scan# 31

Delta R.T. 0.018 min

Lab File: BP024477.D

Acq: 30 Apr 2025 17:28

Instrument :

BNA\_P

ClientSampleId :

MH-U2

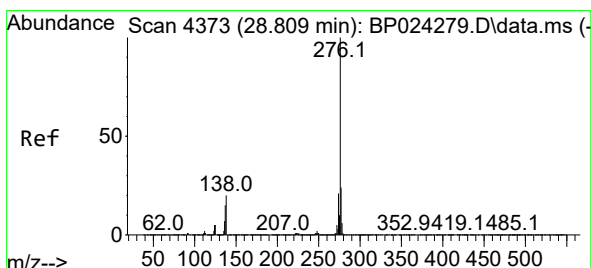
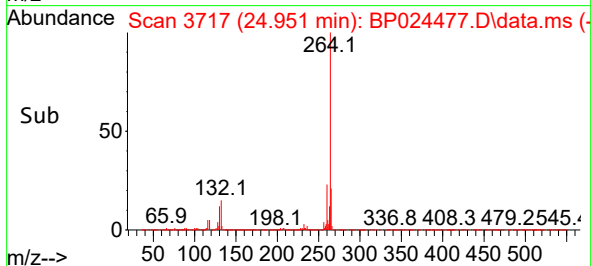
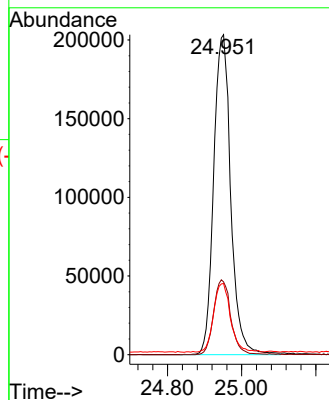
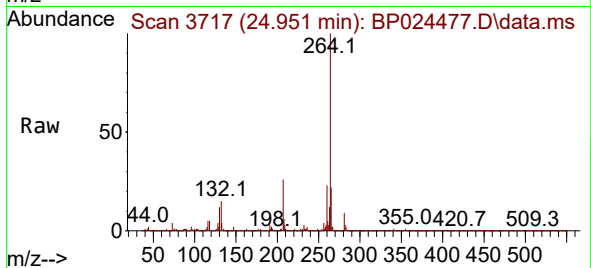
Tgt Ion:264 Resp: 649035

Ion Ratio Lower Upper

264 100

260 22.7 18.9 28.3

265 22.3 17.8 26.6



#87

Indeno(1,2,3-cd)pyrene

Concen: 0.002 ng

RT: 28.733 min Scan# 4360

Delta R.T. -0.006 min

Lab File: BP024477.D

Acq: 30 Apr 2025 17:28

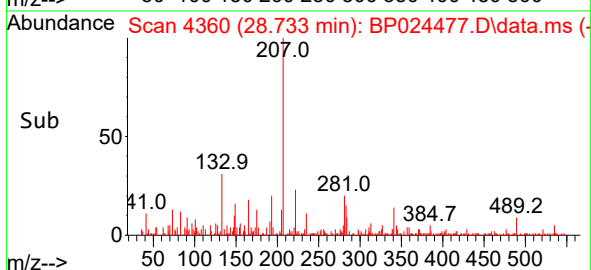
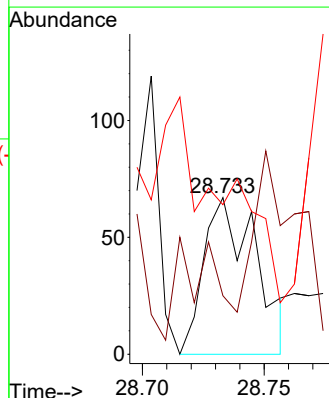
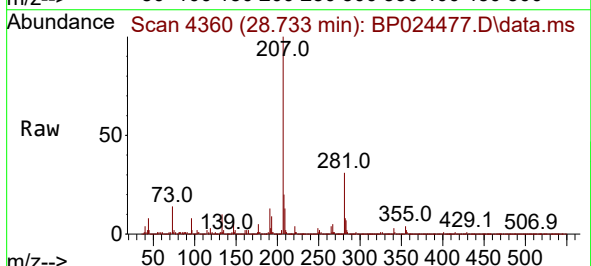
Tgt Ion:276 Resp: 100

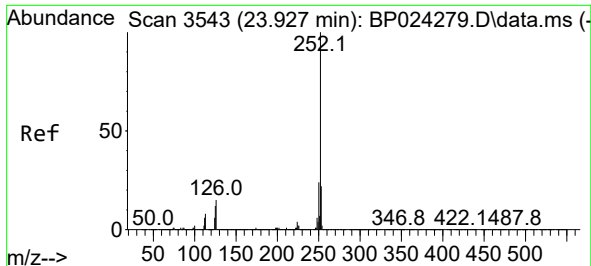
Ion Ratio Lower Upper

276 100

138 92.0 14.5 21.7#

277 0.0 20.2 30.2#

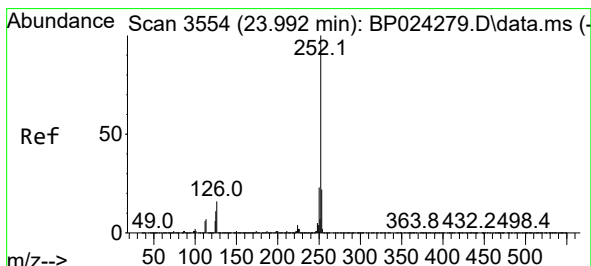
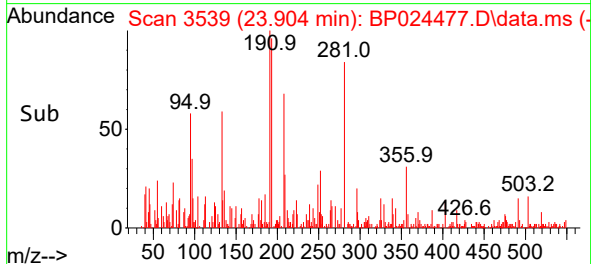
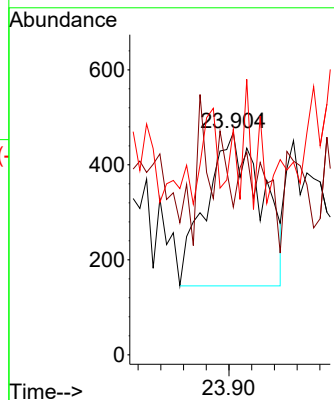
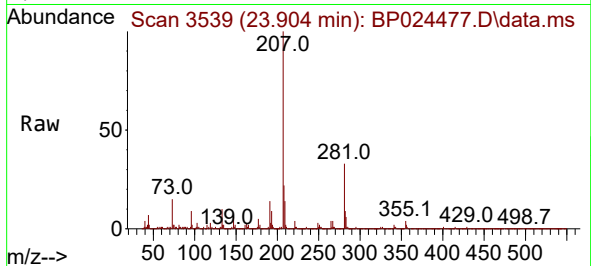




#88  
Benzo(b)fluoranthene  
Concen: 0.028 ng  
RT: 23.904 min Scan# 3539  
Delta R.T. 0.018 min  
Lab File: BP024477.D  
Acq: 30 Apr 2025 17:28

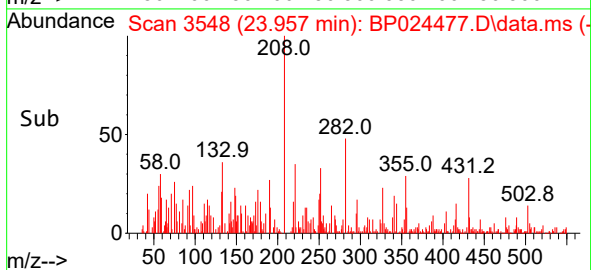
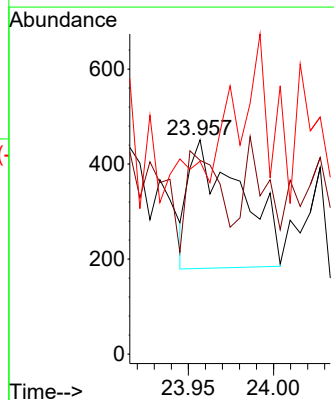
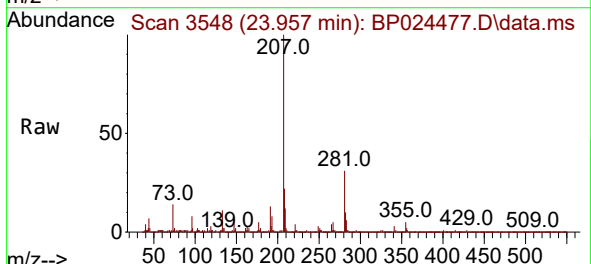
Instrument :  
BNA\_P  
ClientSampleId :  
MH-U2

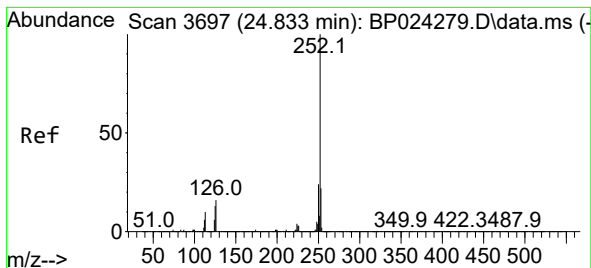
Tgt Ion:252 Resp: 1092  
Ion Ratio Lower Upper  
252 100  
253 66.5 17.7 26.5#  
125 101.5 9.4 14.0#



#89  
Benzo(k)fluoranthene  
Concen: 0.015 ng  
RT: 23.957 min Scan# 3548  
Delta R.T. 0.000 min  
Lab File: BP024477.D  
Acq: 30 Apr 2025 17:28

Tgt Ion:252 Resp: 561  
Ion Ratio Lower Upper  
252 100  
253 90.5 17.7 26.5#  
125 90.0 9.1 13.7#





#90

Benzo(a)pyrene

Concen: 0.011 ng

RT: 24.792 min Scan# 3

Delta R.T. 0.012 min

Lab File: BP024477.D

Acq: 30 Apr 2025 17:28

Instrument :

BNA\_P

ClientSampleId :

MH-U2

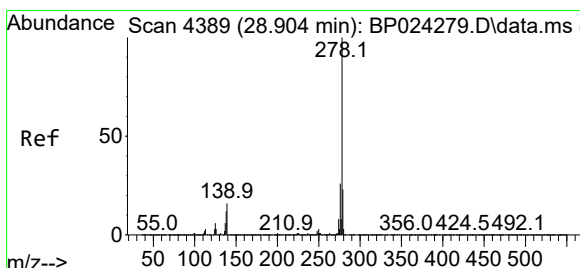
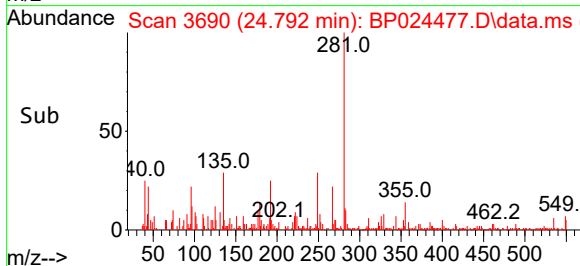
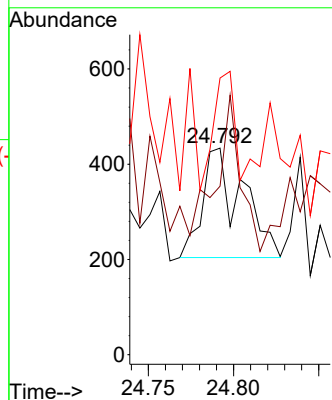
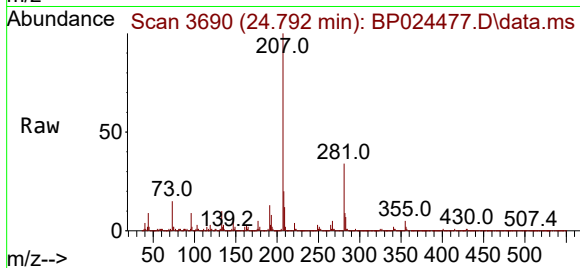
Tgt Ion:252 Resp: 372

Ion Ratio Lower Upper

252 100

253 81.6 17.6 26.4#

125 133.9 10.1 15.1#



#91

Dibenzo(a,h)anthracene

Concen: 0.000 ng

RT: 28.815 min Scan# 4374

Delta R.T. 0.012 min

Lab File: BP024477.D

Acq: 30 Apr 2025 17:28

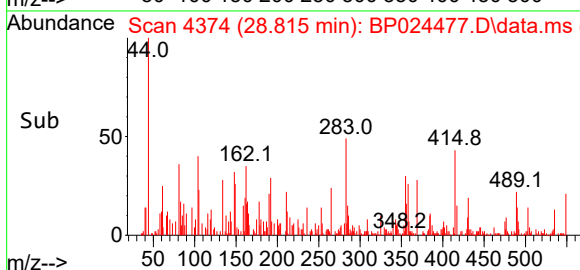
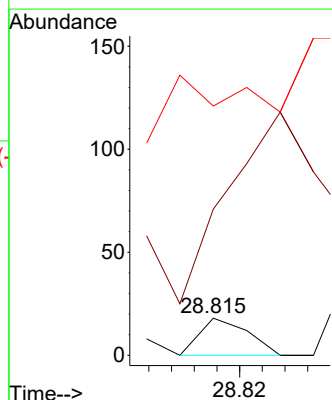
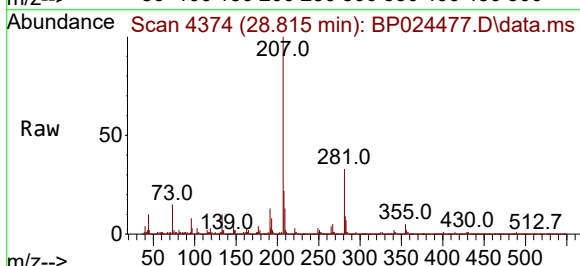
Tgt Ion:278 Resp: 11

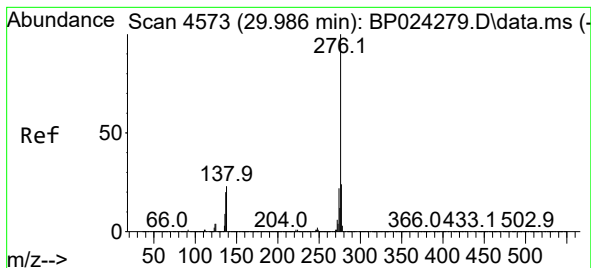
Ion Ratio Lower Upper

278 100

139 394.4 12.6 19.0#

279 672.2 18.5 27.7#





#92

Benzo(g,h,i)perylene

Concen: 0.004 ng

RT: 29.933 min Scan# 4

Delta R.T. 0.036 min

Lab File: BP024477.D

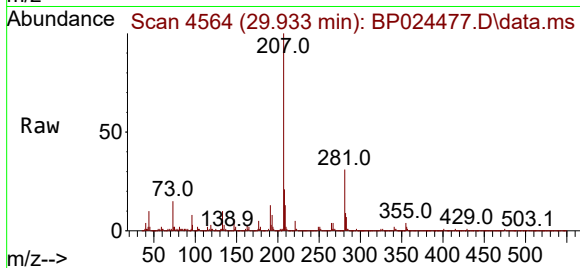
Acq: 30 Apr 2025 17:28

Instrument :

BNA\_P

ClientSampleId :

MH-U2



Tgt Ion: 276 Resp: 137

Ion Ratio Lower Upper

276 100

277 45.3 18.9 28.3#

138 23.6 18.7 28.1

