

Data Path : Z:\svoasrv\HPCHEM1\BNA\_P\Data\BP102125\  
 Data File : BP025989.D  
 Acq On : 21 Oct 2025 16:57  
 Operator : RC/JU  
 Sample : Q3369-04MSD  
 Misc :  
 ALS Vial : 8 Sample Multiplier: 1

Instrument :  
 BNA\_P  
 ClientSampleId :

Quant Time: Oct 21 17:20:02 2025  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_P\Methods\8270E-BP101525.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Wed Oct 15 23:48:51 2025  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc    | Units  | Dev(Min) |
|-------------------------------|--------|------|----------|---------|--------|----------|
| -----                         |        |      |          |         |        |          |
| Internal Standards            |        |      |          |         |        |          |
| 1) 1,4-Dichlorobenzene-d4     | 7.696  | 152  | 146182   | 20.000  | ng     | 0.00     |
| 21) Naphthalene-d8            | 10.460 | 136  | 530421   | 20.000  | ng     | 0.00     |
| 39) Acenaphthene-d10          | 14.313 | 164  | 309617   | 20.000  | ng     | 0.00     |
| 64) Phenanthrene-d10          | 17.119 | 188  | 591802   | 20.000  | ng     | 0.00     |
| 76) Chrysene-d12              | 21.577 | 240  | 656925   | 20.000  | ng     | 0.00     |
| 86) Perylene-d12              | 24.924 | 264  | 779834   | 20.000  | ng     | 0.01     |
| System Monitoring Compounds   |        |      |          |         |        |          |
| 5) 2-Fluorophenol             | 5.337  | 112  | 989602   | 110.991 | ng     | 0.00     |
| 7) Phenol-d6                  | 6.908  | 99   | 1141343  | 91.728  | ng     | 0.00     |
| 23) Nitrobenzene-d5           | 8.843  | 82   | 856589   | 72.587  | ng     | 0.00     |
| 42) 2,4,6-Tribromophenol      | 15.842 | 330  | 464884   | 111.532 | ng     | 0.00     |
| 45) 2-Fluorobiphenyl          | 12.919 | 172  | 1817923  | 75.257  | ng     | -0.01    |
| 79) Terphenyl-d14             | 19.848 | 244  | 2711415  | 65.964  | ng     | 0.00     |
| Target Compounds              |        |      |          |         |        |          |
|                               |        |      |          |         | Qvalue |          |
| 2) 1,4-Dioxane                | 3.261  | 88   | 146663   | 41.527  | ng     | # 66     |
| 3) Pyridine                   | 3.667  | 79   | 354297   | 35.949  | ng     | 97       |
| 4) n-Nitrosodimethylamine     | 3.567  | 42   | 188849   | 43.724  | ng     | 93       |
| 6) Aniline                    | 7.043  | 93   | 213181   | 12.798  | ng     | 98       |
| 8) 2-Chlorophenol             | 7.278  | 128  | 414519   | 40.116  | ng     | 97       |
| 9) Benzaldehyde               | 6.861  | 77   | 173515   | 26.133  | ng     | 98       |
| 10) Phenol                    | 6.937  | 94   | 458734   | 36.515  | ng     | 99       |
| 11) bis(2-Chloroethyl)ether   | 7.131  | 93   | 417528   | 40.760  | ng     | 99       |
| 12) 1,3-Dichlorobenzene       | 7.584  | 146  | 473731   | 41.353  | ng     | 99       |
| 13) 1,4-Dichlorobenzene       | 7.731  | 146  | 487980   | 41.808  | ng     | 99       |
| 14) 1,2-Dichlorobenzene       | 8.043  | 146  | 455484   | 39.891  | ng     | 99       |
| 15) Benzyl Alcohol            | 7.949  | 79   | 389341   | 36.763  | ng     | 99       |
| 16) 2,2'-oxybis(1-Chloropr... | 8.207  | 45   | 631446   | 40.030  | ng     | 99       |
| 17) 2-Methylphenol            | 8.160  | 107  | 328950   | 36.531  | ng     | 99       |
| 18) Hexachloroethane          | 8.755  | 117  | 182964   | 41.078  | ng     | 98       |
| 19) n-Nitroso-di-n-propyla... | 8.496  | 70   | 322151   | 36.319  | ng     | 97       |
| 20) 3+4-Methylphenols         | 8.490  | 107  | 432886   | 34.502  | ng     | 93       |
| 22) Acetophenone              | 8.513  | 105  | 694369   | 48.153  | ng     | # 97     |
| 24) Nitrobenzene              | 8.884  | 77   | 473851   | 45.154  | ng     | 99       |
| 25) Isophorone                | 9.407  | 82   | 866720   | 40.893  | ng     | 98       |
| 26) 2-Nitrophenol             | 9.590  | 139  | 222999   | 43.879  | ng     | 98       |
| 27) 2,4-Dimethylphenol        | 9.666  | 122  | 356494   | 41.395  | ng     | 98       |
| 28) bis(2-Chloroethoxy)met... | 9.878  | 93   | 533974   | 43.068  | ng     | 97       |
| 29) 2,4-Dichlorophenol        | 10.160 | 162  | 370633   | 43.192  | ng     | 99       |
| 30) 1,2,4-Trichlorobenzene    | 10.325 | 180  | 430820   | 44.346  | ng     | 97       |
| 31) Naphthalene               | 10.507 | 128  | 1232485  | 43.074  | ng     | 99       |
| 32) Benzoic acid              | 9.866  | 122  | 172419   | 27.628  | ng     | 97       |
| 33) 4-Chloroaniline           | 10.660 | 127  | 68319    | 5.622   | ng     | 98       |
| 34) Hexachlorobutadiene       | 10.784 | 225  | 290856   | 45.239  | ng     | 99       |
| 35) Caprolactam               | 11.454 | 113  | 98876    | 32.379  | ng     | 89       |
| 36) 4-Chloro-3-methylphenol   | 11.790 | 107  | 396826   | 39.389  | ng     | 98       |
| 37) 2-Methylnaphthalene       | 12.119 | 142  | 771589   | 41.187  | ng     | 98       |
| 38) 1-Methylnaphthalene       | 12.337 | 142  | 798461   | 40.407  | ng     | 100      |
| 40) 1,2,4,5-Tetrachloroben... | 12.496 | 216  | 537143   | 53.277  | ng     | 99       |
| 41) Hexachlorocyclopentadiene | 12.460 | 237  | 480511   | 80.803  | ng     | 100      |
| 43) 2,4,6-Trichlorophenol     | 12.754 | 196  | 298324   | 46.618  | ng     | 99       |

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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Wed Oct 15 23:48:51 2025  
 Response via : Initial Calibration

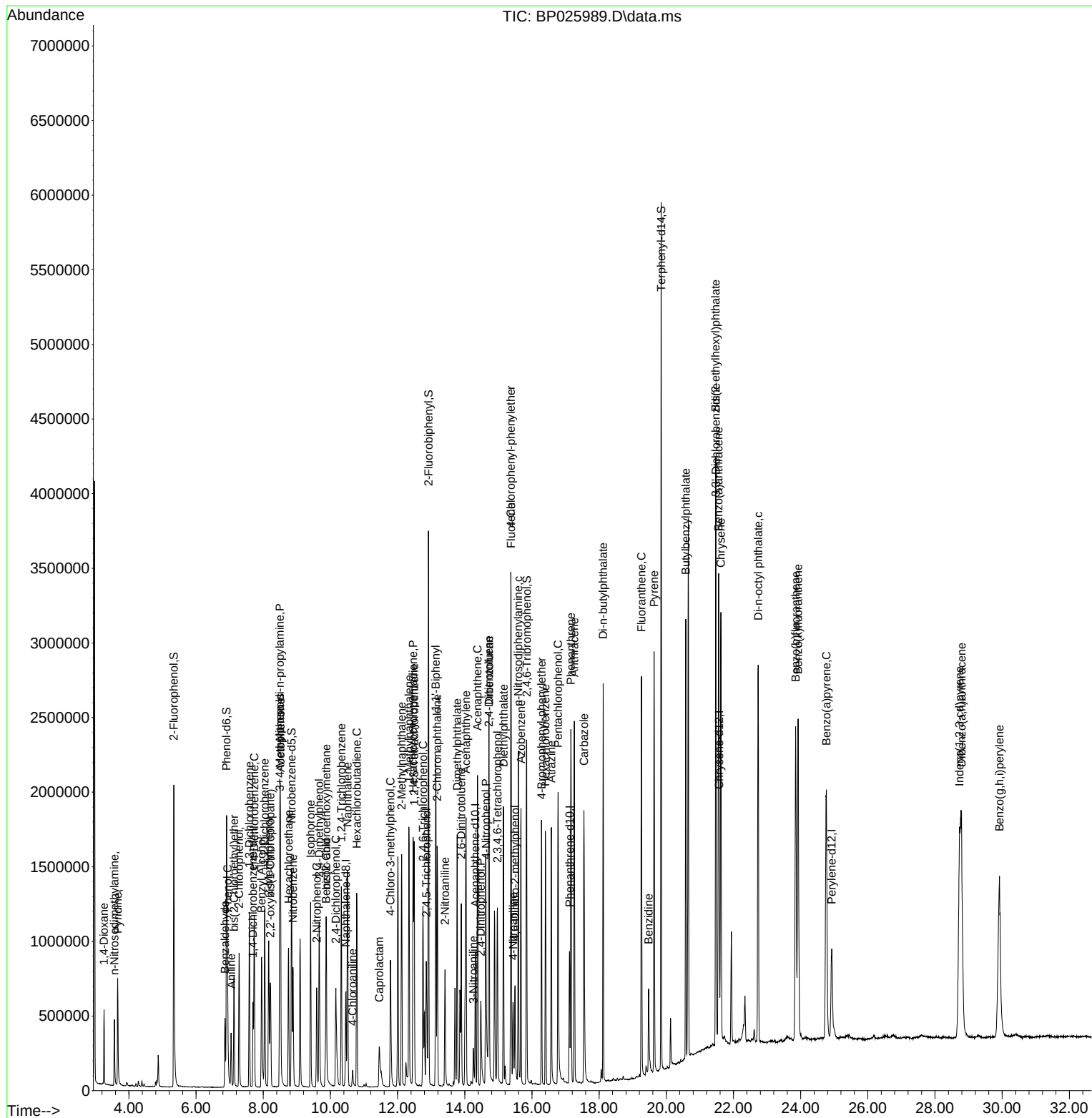
| Compound                      | R.T.   | QIon | Response | Conc   | Units | Dev(Min) |
|-------------------------------|--------|------|----------|--------|-------|----------|
| 44) 2,4,5-Trichlorophenol     | 12.854 | 196  | 314444   | 45.124 | ng    | 97       |
| 46) 1,1'-Biphenyl             | 13.137 | 154  | 1199150  | 51.272 | ng    | 99       |
| 47) 2-Chloronaphthalene       | 13.178 | 162  | 855218   | 46.766 | ng    | 100      |
| 48) 2-Nitroaniline            | 13.413 | 65   | 264291   | 46.371 | ng    | 100      |
| 49) Acenaphthylene            | 14.037 | 152  | 1355174  | 45.832 | ng    | 100      |
| 50) Dimethylphthalate         | 13.772 | 163  | 1039587  | 44.422 | ng    | 99       |
| 51) 2,6-Dinitrotoluene        | 13.895 | 165  | 225142   | 44.557 | ng    | 96       |
| 52) Acenaphthene              | 14.378 | 154  | 762062   | 44.632 | ng    | 100      |
| 53) 3-Nitroaniline            | 14.254 | 138  | 76758    | 15.252 | ng    | 97       |
| 54) 2,4-Dinitrophenol         | 14.478 | 184  | 179887   | 54.264 | ng    | 95       |
| 55) Dibenzofuran              | 14.725 | 168  | 1223113  | 44.737 | ng    | 97       |
| 56) 4-Nitrophenol             | 14.631 | 139  | 233857   | 76.622 | ng    | 89       |
| 57) 2,4-Dinitrotoluene        | 14.713 | 165  | 313456   | 45.783 | ng    | 95       |
| 58) Fluorene                  | 15.378 | 166  | 988904   | 45.014 | ng    | 99       |
| 59) 2,3,4,6-Tetrachlorophenol | 14.972 | 232  | 277147   | 44.323 | ng    | 100      |
| 60) Diethylphthalate          | 15.154 | 149  | 1054102  | 45.683 | ng    | 99       |
| 61) 4-Chlorophenyl-phenyle... | 15.372 | 204  | 507868   | 43.963 | ng    | 99       |
| 62) 4-Nitroaniline            | 15.442 | 138  | 193437   | 41.480 | ng    | 98       |
| 63) Azobenzene                | 15.672 | 77   | 979824   | 45.558 | ng    | 99       |
| 65) 4,6-Dinitro-2-methylph... | 15.495 | 198  | 170597   | 39.885 | ng    | 96       |
| 66) n-Nitrosodiphenylamine    | 15.595 | 169  | 861396   | 45.241 | ng    | 99       |
| 67) 4-Bromophenyl-phenylether | 16.289 | 248  | 325252   | 44.528 | ng    | 98       |
| 68) Hexachlorobenzene         | 16.401 | 284  | 360036   | 43.937 | ng    | 96       |
| 69) Atrazine                  | 16.578 | 200  | 334511   | 48.699 | ng    | 99       |
| 70) Pentachlorophenol         | 16.778 | 266  | 437502   | 98.894 | ng    | 97       |
| 71) Phenanthrene              | 17.160 | 178  | 1537320  | 45.833 | ng    | 100      |
| 72) Anthracene                | 17.260 | 178  | 1572976  | 45.910 | ng    | 99       |
| 73) Carbazole                 | 17.548 | 167  | 1455949  | 48.205 | ng    | 100      |
| 74) Di-n-butylphthalate       | 18.119 | 149  | 1884969  | 50.712 | ng    | 99       |
| 75) Fluoranthene              | 19.260 | 202  | 1875170  | 49.562 | ng    | 99       |
| 77) Benzidine                 | 19.472 | 184  | 447484   | 21.259 | ng    | 98       |
| 78) Pyrene                    | 19.636 | 202  | 1965009  | 40.556 | ng    | 100      |
| 80) Butylbenzylphthalate      | 20.577 | 149  | 895413   | 46.440 | ng    | 99       |
| 81) Benzo(a)anthracene        | 21.554 | 228  | 2098499  | 46.706 | ng    | 99       |
| 82) 3,3'-Dichlorobenzidine    | 21.477 | 252  | 358633   | 22.430 | ng    | 98       |
| 83) Chrysene                  | 21.624 | 228  | 1984605  | 46.197 | ng    | 99       |
| 84) Bis(2-ethylhexyl)phtha... | 21.471 | 149  | 1356956  | 50.978 | ng    | 99       |
| 85) Di-n-octyl phthalate      | 22.736 | 149  | 2473836  | 54.429 | ng    | 99       |
| 87) Indeno(1,2,3-cd)pyrene    | 28.730 | 276  | 2814901  | 47.918 | ng    | 100      |
| 88) Benzo(b)fluoranthene      | 23.848 | 252  | 2178623  | 44.857 | ng    | 99       |
| 89) Benzo(k)fluoranthene      | 23.924 | 252  | 2236003  | 45.364 | ng    | 99       |
| 90) Benzo(a)pyrene            | 24.765 | 252  | 2160450  | 45.782 | ng    | 99       |
| 91) Dibenzo(a,h)anthracene    | 28.789 | 278  | 2285619  | 47.729 | ng    | 98       |
| 92) Benzo(g,h,i)perylene      | 29.918 | 276  | 2291593  | 48.841 | ng    | 99       |

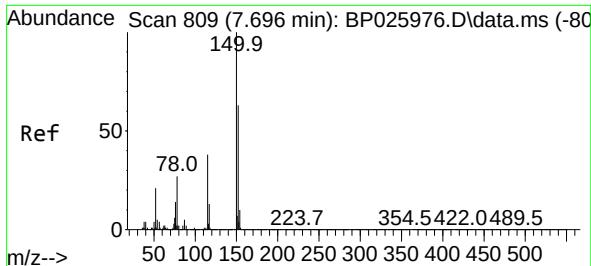
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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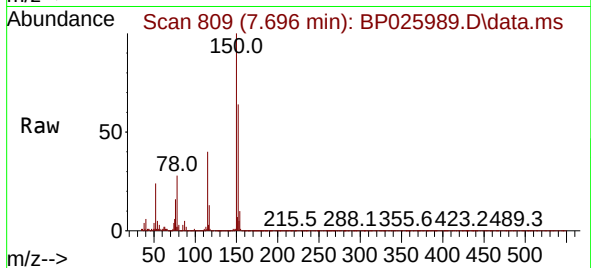
Quant Time: Oct 21 17:20:02 2025  
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QLast Update : Wed Oct 15 23:48:51 2025  
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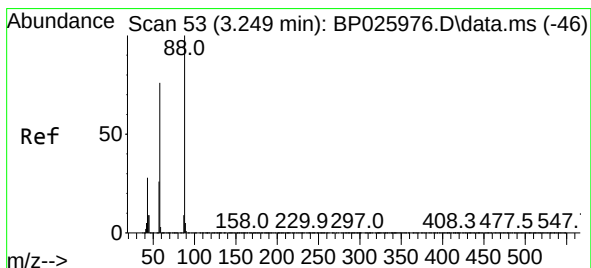
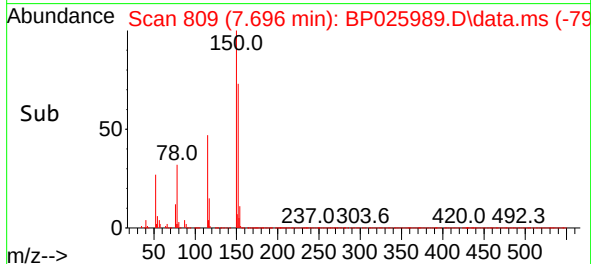
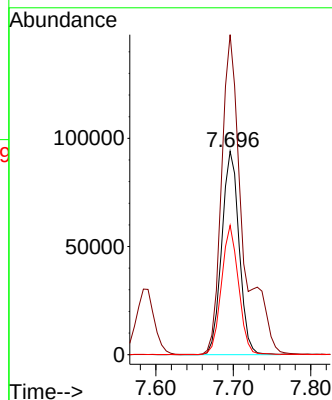


#1  
1,4-Dichlorobenzene-d4  
Concen: 20.000 ng  
RT: 7.696 min Scan# 80  
Delta R.T. -0.000 min  
Lab File: BP025989.D  
Acq: 21 Oct 2025 16:57

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BNA\_P  
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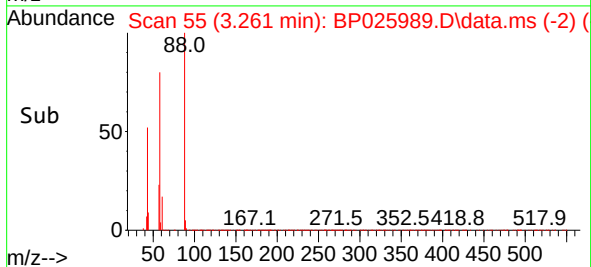
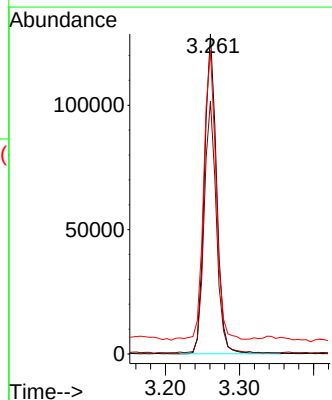
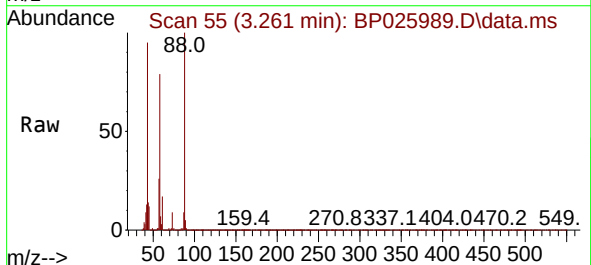


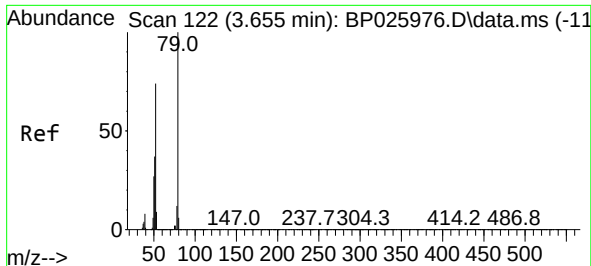
Tgt Ion:152 Resp: 146182  
Ion Ratio Lower Upper  
152 100  
150 157.4 127.3 190.9  
115 63.6 48.7 73.1



#2  
1,4-Dioxane  
Concen: 41.527 ng  
RT: 3.261 min Scan# 55  
Delta R.T. 0.012 min  
Lab File: BP025989.D  
Acq: 21 Oct 2025 16:57

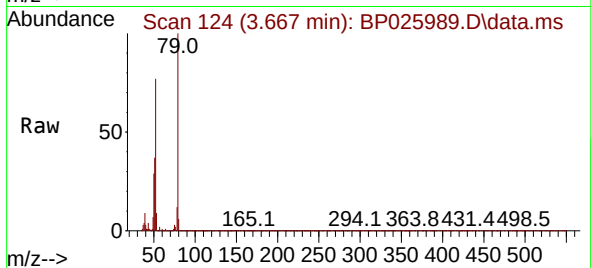
Tgt Ion: 88 Resp: 146663  
Ion Ratio Lower Upper  
88 100  
58 79.0 61.9 92.9  
43 92.7 22.6 33.8



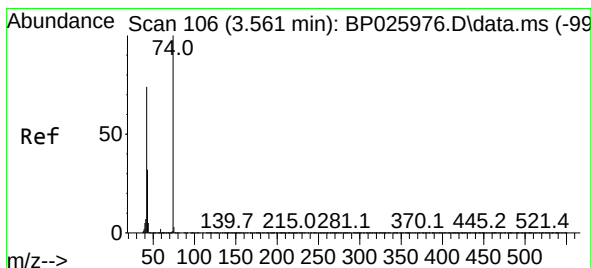
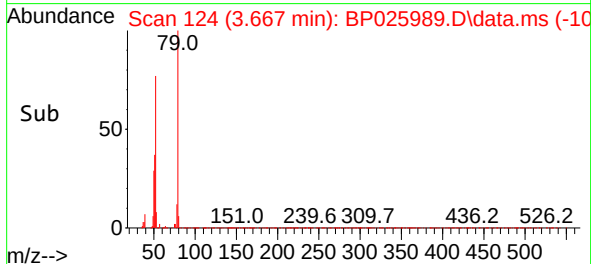
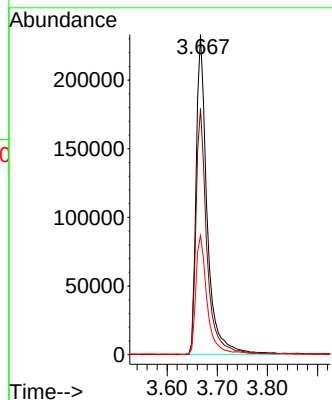


#3  
Pyridine  
Concen: 35.949 ng  
RT: 3.667 min Scan# 11  
Delta R.T. 0.012 min  
Lab File: BP025989.D  
Acq: 21 Oct 2025 16:57

Instrument :  
BNA\_P  
ClientSampleId :

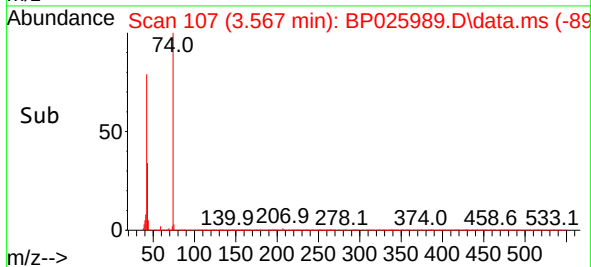
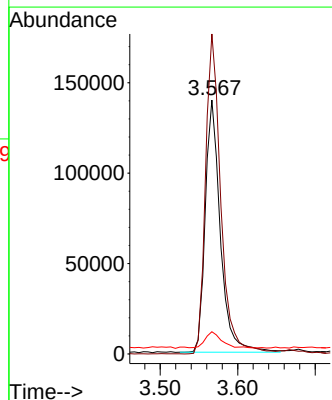
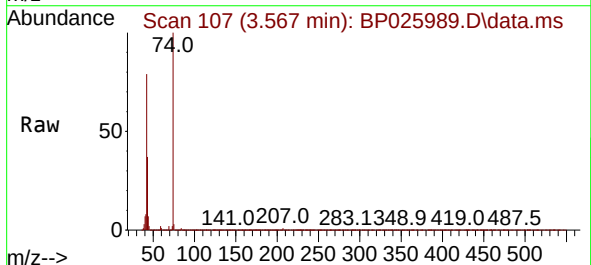


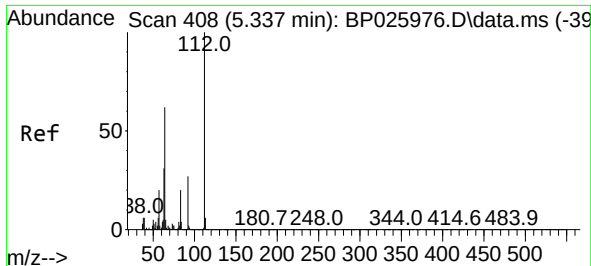
Tgt Ion: 79 Resp: 354297  
Ion Ratio Lower Upper  
79 100  
52 76.9 59.0 88.4  
51 37.3 29.5 44.3



#4  
n-Nitrosodimethylamine  
Concen: 43.724 ng  
RT: 3.567 min Scan# 107  
Delta R.T. 0.006 min  
Lab File: BP025989.D  
Acq: 21 Oct 2025 16:57

Tgt Ion: 42 Resp: 188849  
Ion Ratio Lower Upper  
42 100  
74 126.0 107.4 161.0  
44 8.8 6.0 9.0

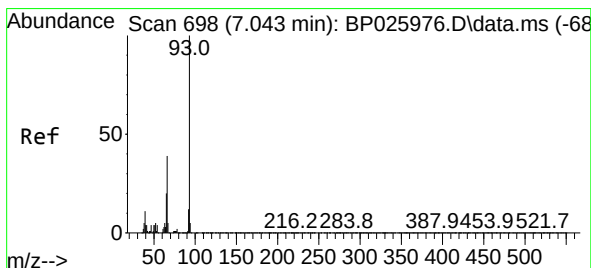
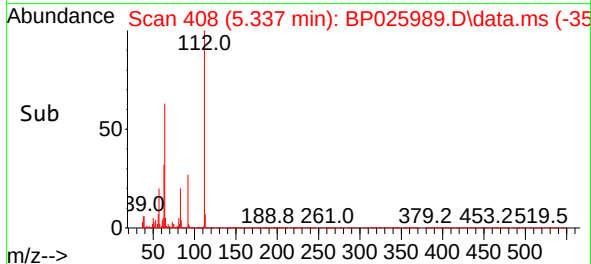
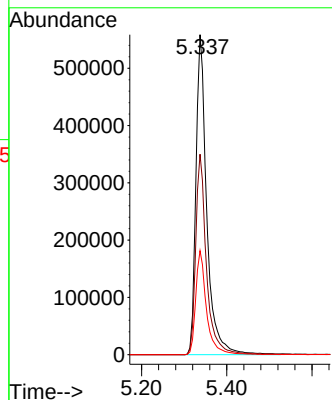
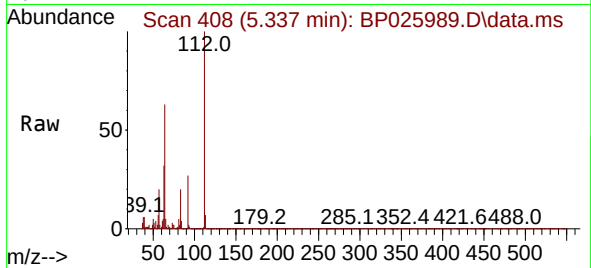




#5  
2-Fluorophenol  
Concen: 110.991 ng  
RT: 5.337 min Scan# 408  
Delta R.T. 0.000 min  
Lab File: BP025989.D  
Acq: 21 Oct 2025 16:57

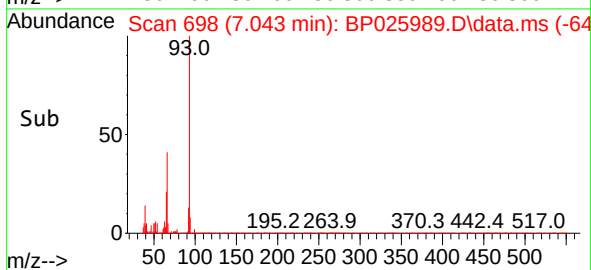
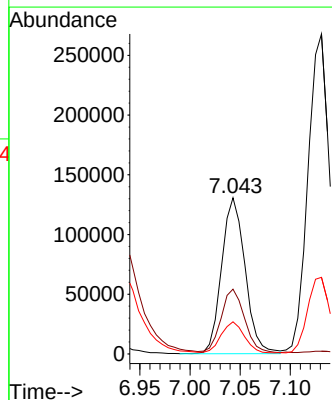
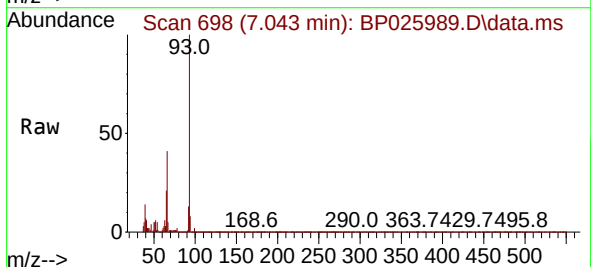
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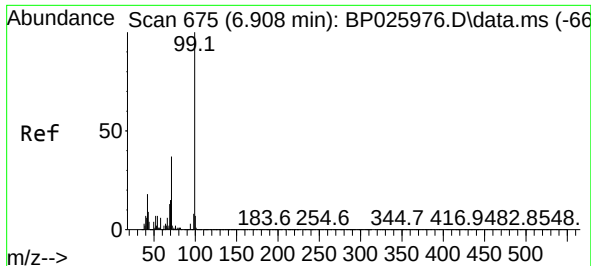
Tgt Ion:112 Resp: 989602  
Ion Ratio Lower Upper  
112 100  
64 62.7 49.9 74.9  
63 32.5 24.9 37.3



#6  
Aniline  
Concen: 12.798 ng  
RT: 7.043 min Scan# 698  
Delta R.T. 0.000 min  
Lab File: BP025989.D  
Acq: 21 Oct 2025 16:57

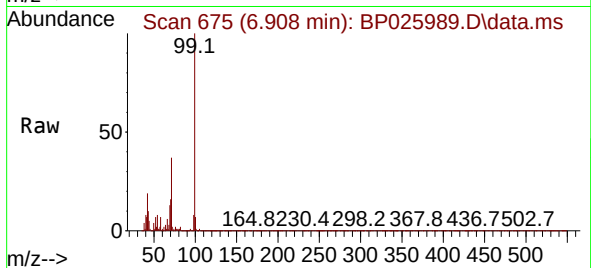
Tgt Ion: 93 Resp: 213181  
Ion Ratio Lower Upper  
93 100  
66 41.5 31.8 47.8  
65 20.6 16.3 24.5



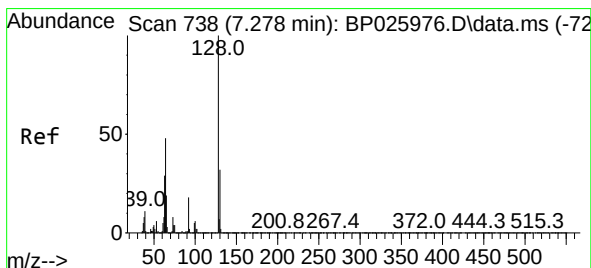
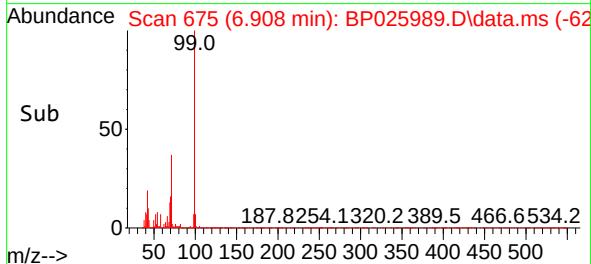
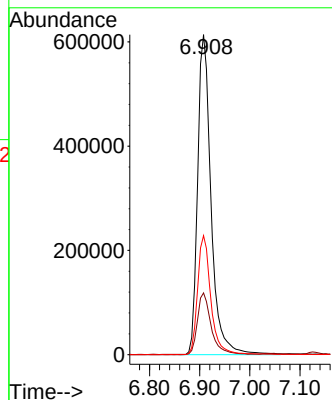


#7  
Phenol-d6  
Concen: 91.728 ng  
RT: 6.908 min Scan# 61  
Delta R.T. -0.000 min  
Lab File: BP025989.D  
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Instrument :  
BNA\_P  
ClientSampleId :

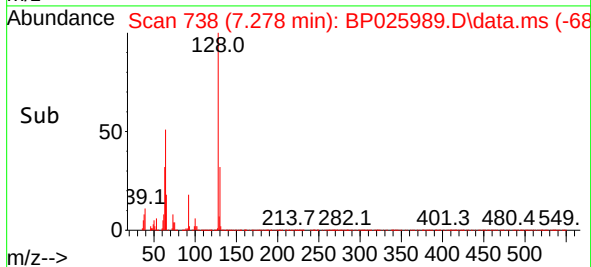
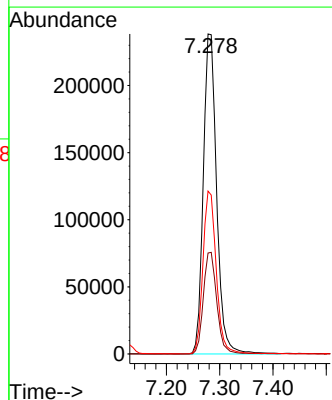
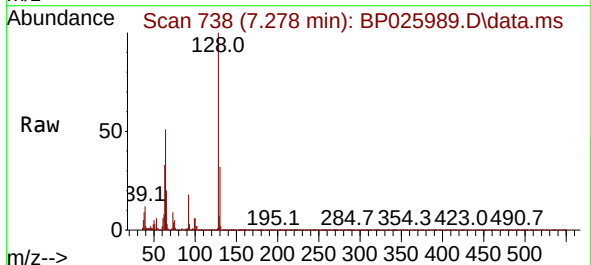


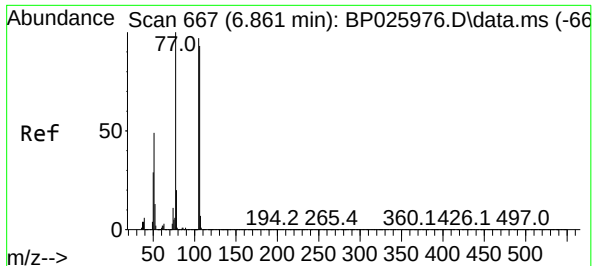
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Ion Ratio Lower Upper  
99 100  
42 19.3 14.2 21.4  
71 37.2 29.4 44.0



#8  
2-Chlorophenol  
Concen: 40.116 ng  
RT: 7.278 min Scan# 738  
Delta R.T. -0.000 min  
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Tgt Ion: 128 Resp: 414519  
Ion Ratio Lower Upper  
128 100  
130 31.5 11.8 51.8  
64 50.9 28.0 68.0

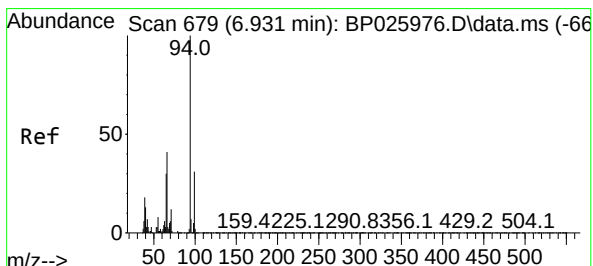
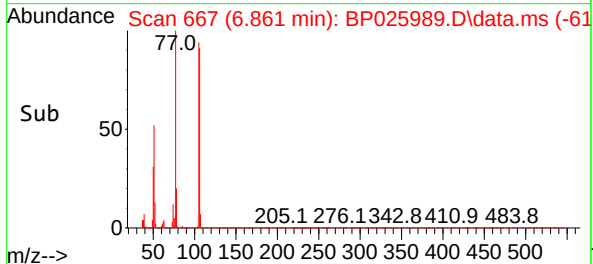
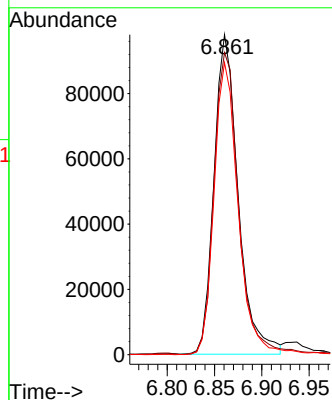
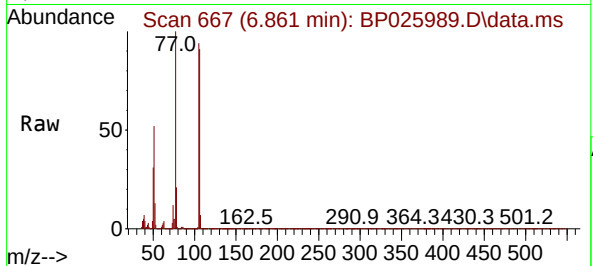




#9  
Benzaldehyde  
Concen: 26.133 ng  
RT: 6.861 min Scan# 61  
Delta R.T. 0.000 min  
Lab File: BP025989.D  
Acq: 21 Oct 2025 16:57

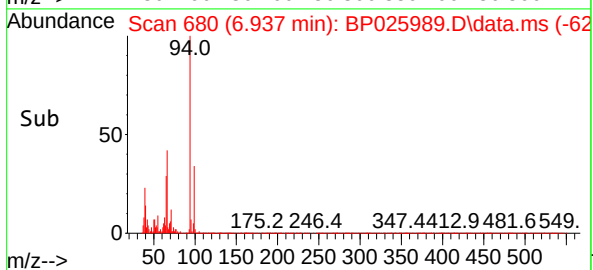
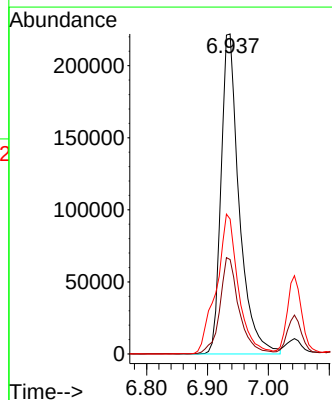
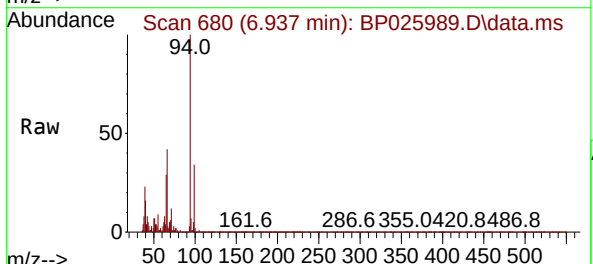
Instrument :  
BNA\_P  
ClientSampleId :

Tgt Ion: 77 Resp: 173515  
Ion Ratio Lower Upper  
77 100  
105 94.4 76.6 116.6  
106 91.2 73.2 113.2

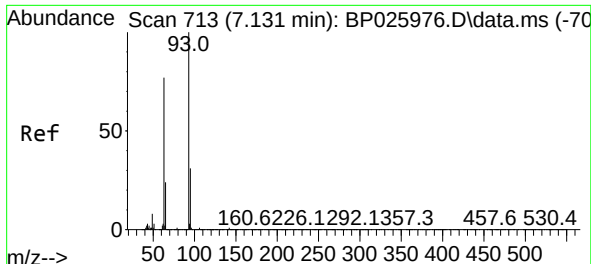


#10  
Phenol  
Concen: 36.515 ng  
RT: 6.937 min Scan# 680  
Delta R.T. 0.006 min  
Lab File: BP025989.D  
Acq: 21 Oct 2025 16:57

Tgt Ion: 94 Resp: 458734  
Ion Ratio Lower Upper  
94 100  
65 29.5 9.8 49.8  
66 42.1 21.4 61.4

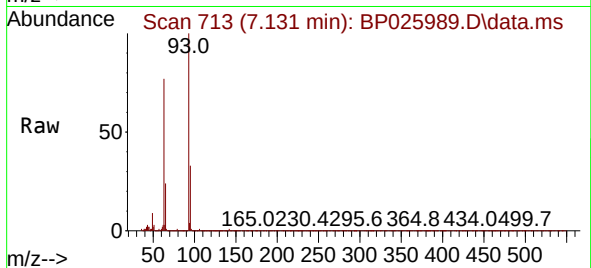






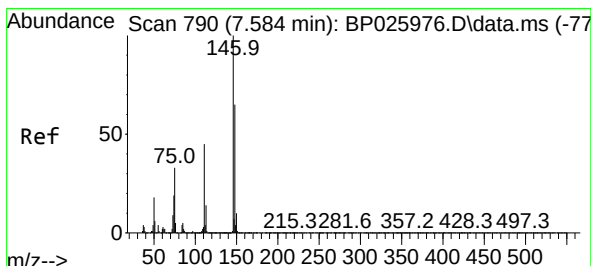
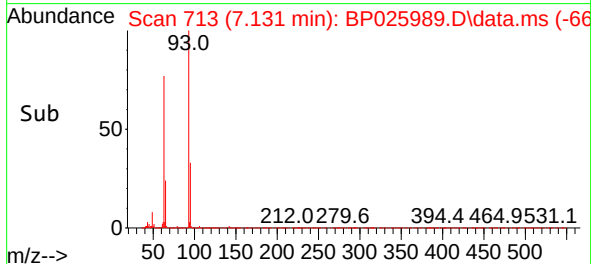
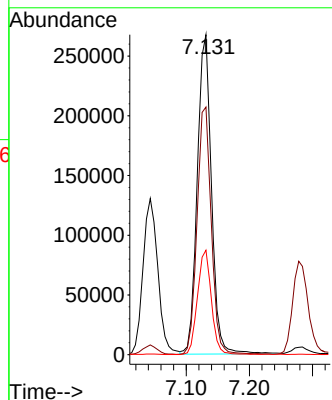
#11  
 bis(2-Chloroethyl)ether  
 Concen: 40.760 ng  
 RT: 7.131 min Scan# 713  
 Delta R.T. -0.000 min  
 Lab File: BP025989.D  
 Acq: 21 Oct 2025 16:57

Instrument :  
 BNA\_P  
 ClientSampleId :



Tgt Ion: 93 Resp: 417528

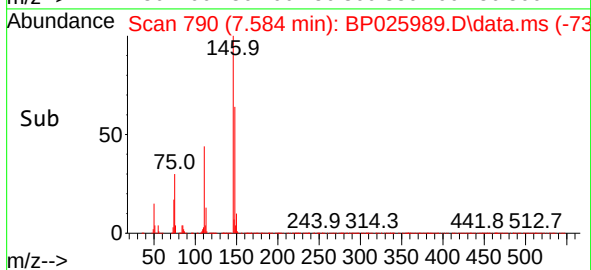
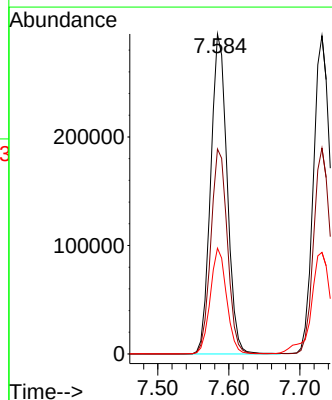
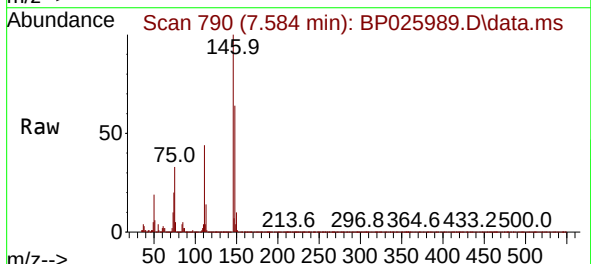
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 93  | 100   |       |       |
| 63  | 77.4  | 56.6  | 96.6  |
| 95  | 32.7  | 11.3  | 51.3  |

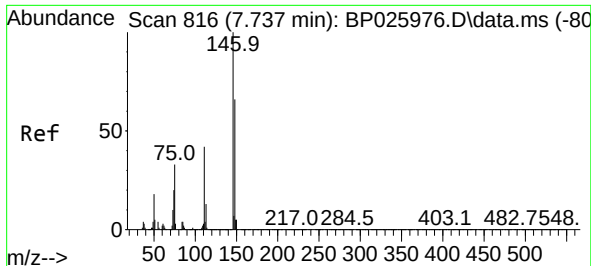


#12  
 1,3-Dichlorobenzene  
 Concen: 41.353 ng  
 RT: 7.584 min Scan# 790  
 Delta R.T. -0.000 min  
 Lab File: BP025989.D  
 Acq: 21 Oct 2025 16:57

Tgt Ion: 146 Resp: 473731

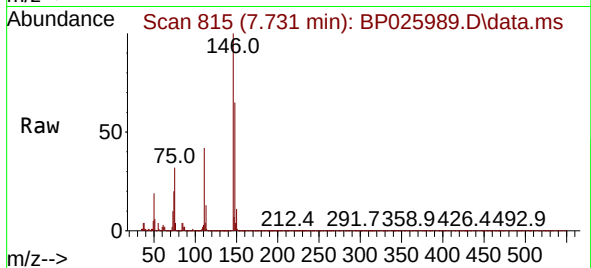
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 146 | 100   |       |       |
| 148 | 64.1  | 51.7  | 77.5  |
| 75  | 33.0  | 26.1  | 39.1  |



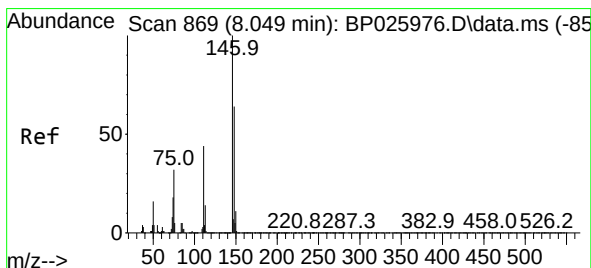
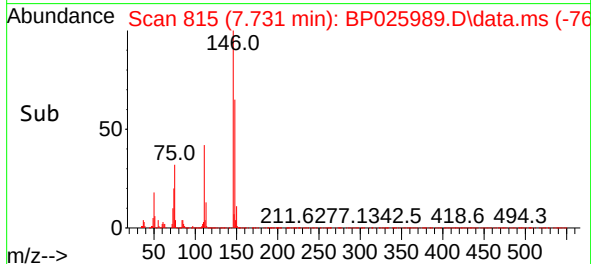
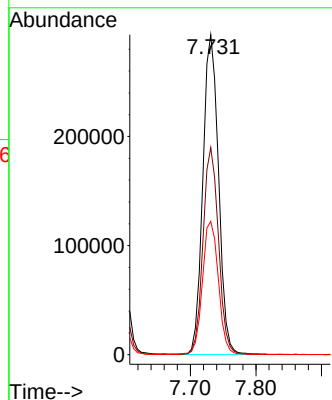


#13  
1,4-Dichlorobenzene  
Concen: 41.808 ng  
RT: 7.731 min Scan# 816  
Delta R.T. -0.006 min  
Lab File: BP025989.D  
Acq: 21 Oct 2025 16:57

Instrument :  
BNA\_P  
ClientSampleId :

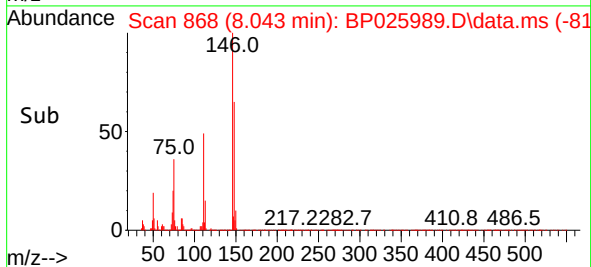
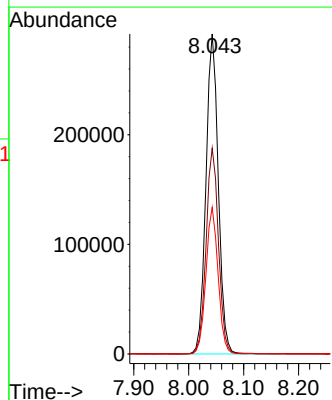
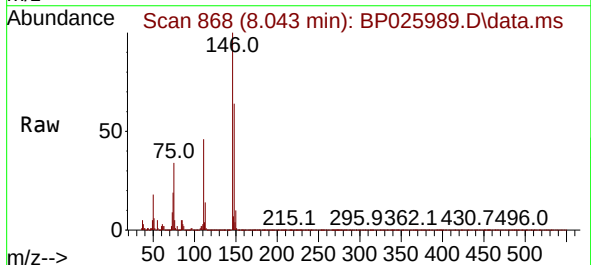


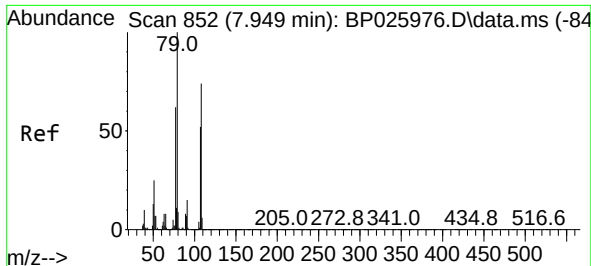
Tgt Ion:146 Resp: 487980  
Ion Ratio Lower Upper  
146 100  
148 64.7 52.7 79.1  
111 41.6 34.0 51.0



#14  
1,2-Dichlorobenzene  
Concen: 39.891 ng  
RT: 8.043 min Scan# 868  
Delta R.T. -0.006 min  
Lab File: BP025989.D  
Acq: 21 Oct 2025 16:57

Tgt Ion:146 Resp: 455484  
Ion Ratio Lower Upper  
146 100  
148 64.3 51.0 76.6  
111 45.8 35.3 52.9

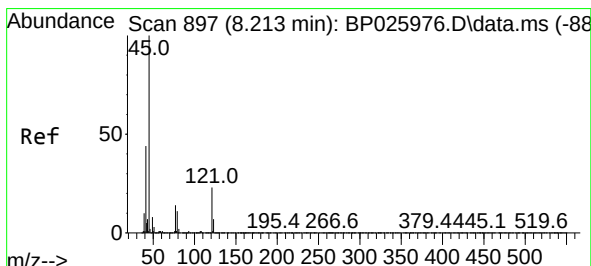
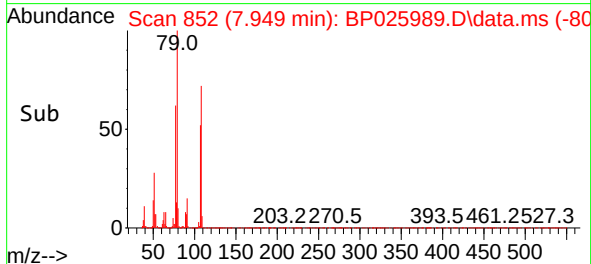
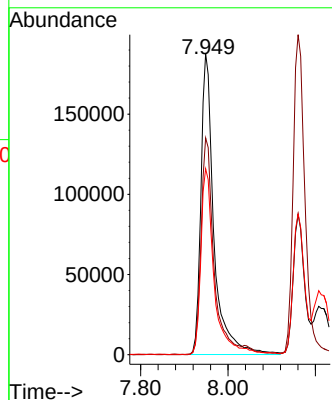
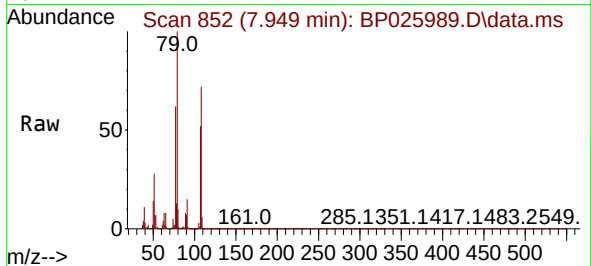




#15  
Benzyl Alcohol  
Concen: 36.763 ng  
RT: 7.949 min Scan# 852  
Delta R.T. 0.000 min  
Lab File: BP025989.D  
Acq: 21 Oct 2025 16:57

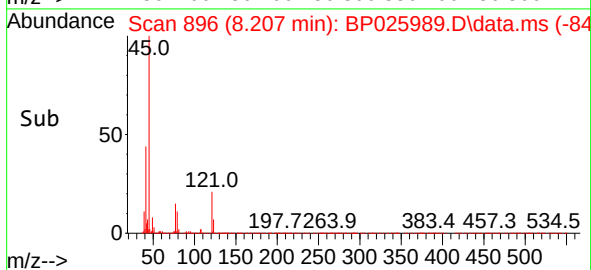
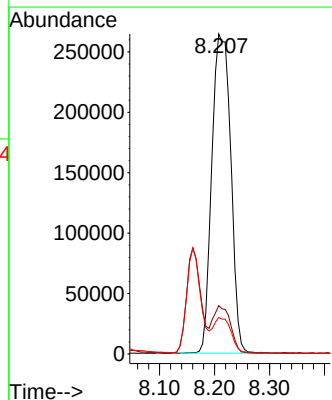
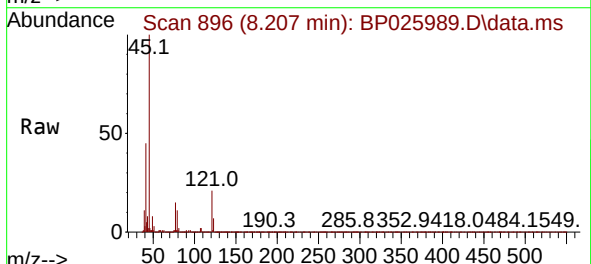
Instrument :  
BNA\_P  
ClientSampleId :

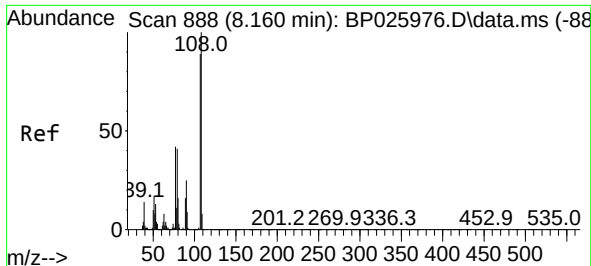
Tgt Ion: 79 Resp: 389341  
Ion Ratio Lower Upper  
79 100  
108 72.0 59.2 88.8  
77 61.7 49.3 73.9



#16  
2,2'-oxybis(1-Chloropropane)  
Concen: 40.030 ng  
RT: 8.207 min Scan# 896  
Delta R.T. -0.006 min  
Lab File: BP025989.D  
Acq: 21 Oct 2025 16:57

Tgt Ion: 45 Resp: 631446  
Ion Ratio Lower Upper  
45 100  
77 15.1 0.0 34.3  
79 11.4 0.0 31.5

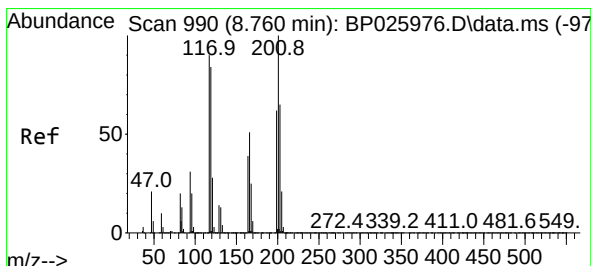
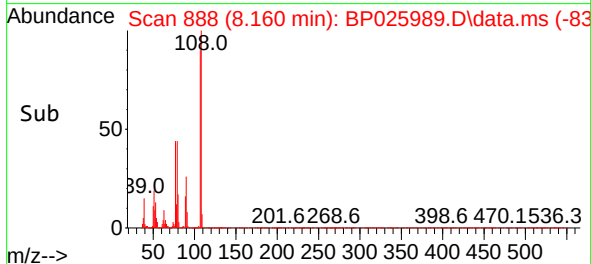
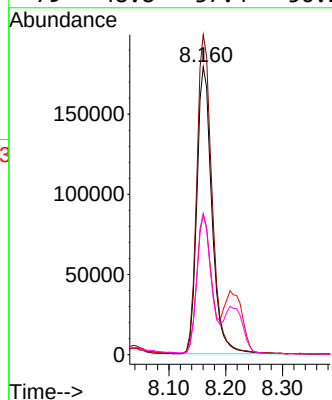
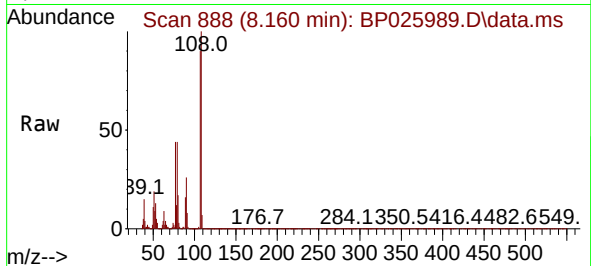




#17  
2-Methylphenol  
Concen: 36.531 ng  
RT: 8.160 min Scan# 81  
Delta R.T. 0.000 min  
Lab File: BP025989.D  
Acq: 21 Oct 2025 16:57

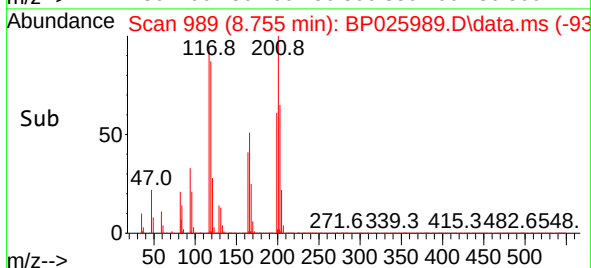
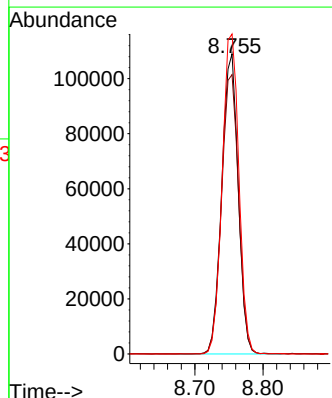
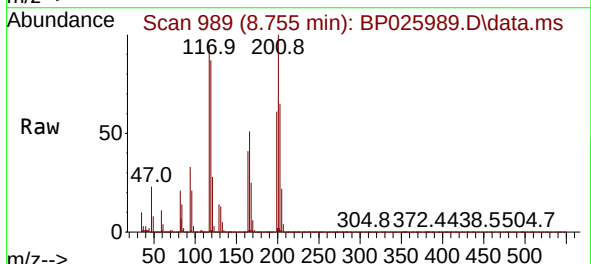
Instrument :  
BNA\_P  
ClientSampleId :

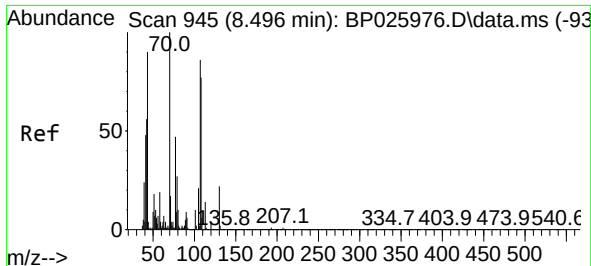
|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 107   | Resp: | 328950 |
| Ion      | Ratio | Lower | Upper  |
| 107      | 100   |       |        |
| 108      | 111.2 | 89.5  | 134.3  |
| 77       | 48.9  | 38.1  | 57.1   |
| 79       | 48.8  | 37.4  | 56.2   |



#18  
Hexachloroethane  
Concen: 41.078 ng  
RT: 8.755 min Scan# 989  
Delta R.T. -0.006 min  
Lab File: BP025989.D  
Acq: 21 Oct 2025 16:57

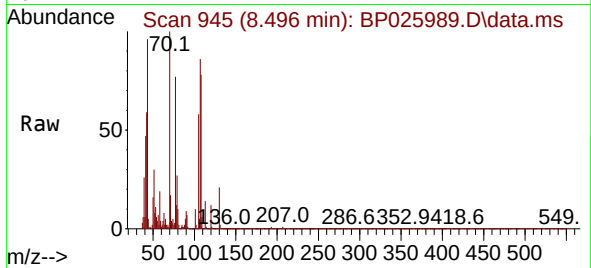
|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 117   | Resp: | 182964 |
| Ion      | Ratio | Lower | Upper  |
| 117      | 100   |       |        |
| 119      | 93.1  | 74.6  | 112.0  |
| 201      | 106.6 | 88.6  | 133.0  |



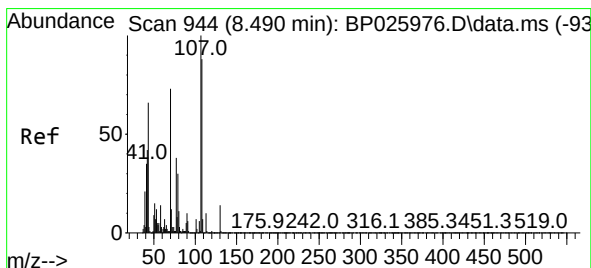
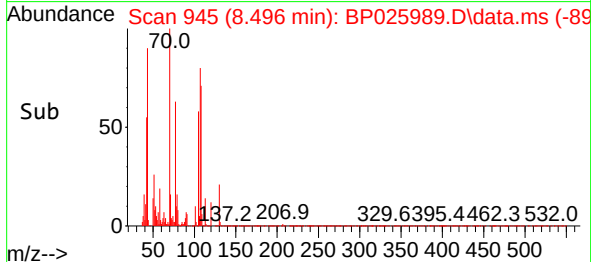
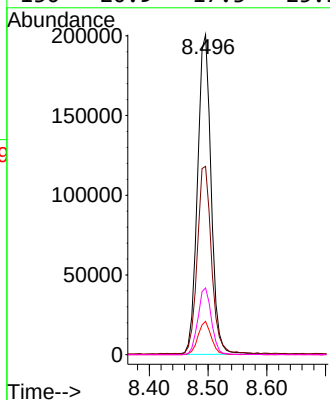


#19  
n-Nitroso-di-n-propylamine  
Concen: 36.319 ng  
RT: 8.496 min Scan# 945  
Delta R.T. -0.000 min  
Lab File: BP025989.D  
Acq: 21 Oct 2025 16:57

Instrument :  
BNA\_P  
ClientSampleId :

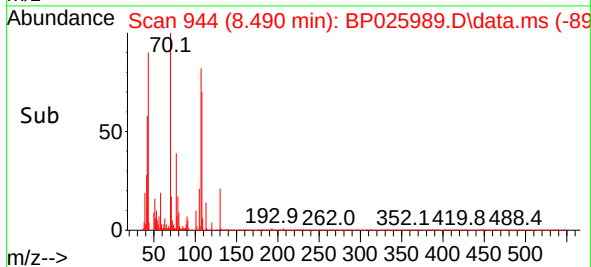
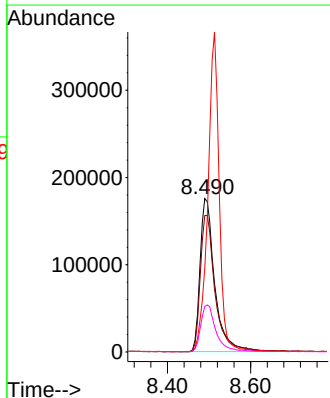
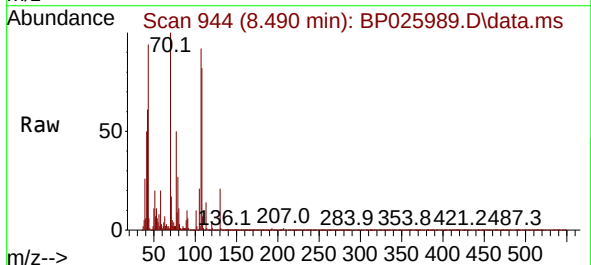


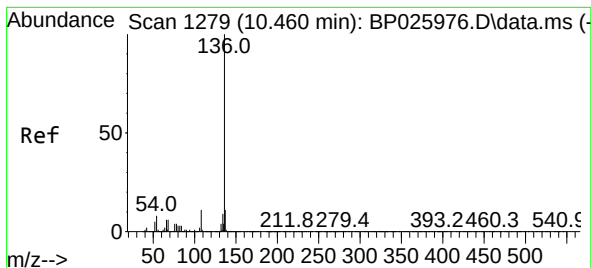
|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 70    | Resp: | 322151 |
| Ion      | Ratio | Lower | Upper  |
| 70       | 100   |       |        |
| 42       | 58.9  | 45.2  | 67.8   |
| 101      | 10.4  | 7.9   | 11.9   |
| 130      | 20.9  | 17.3  | 25.9   |



#20  
3+4-Methylphenols  
Concen: 34.502 ng  
RT: 8.490 min Scan# 944  
Delta R.T. -0.000 min  
Lab File: BP025989.D  
Acq: 21 Oct 2025 16:57

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 107   | Resp: | 432886 |
| Ion      | Ratio | Lower | Upper  |
| 107      | 100   |       |        |
| 108      | 88.8  | 67.8  | 107.8  |
| 77       | 54.6  | 18.5  | 58.5   |
| 79       | 29.6  | 9.7   | 49.7   |





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.460 min Scan# 11

Delta R.T. 0.000 min

Lab File: BP025989.D

Acq: 21 Oct 2025 16:57

Instrument :

BNP\_P

ClientSampleId :

Tgt Ion:136 Resp: 530421

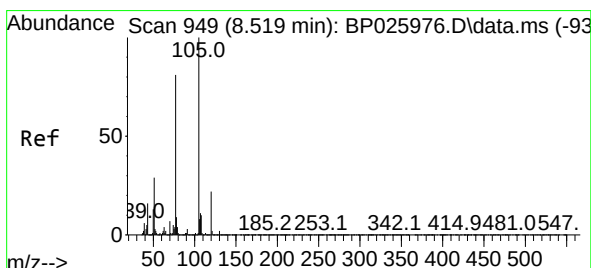
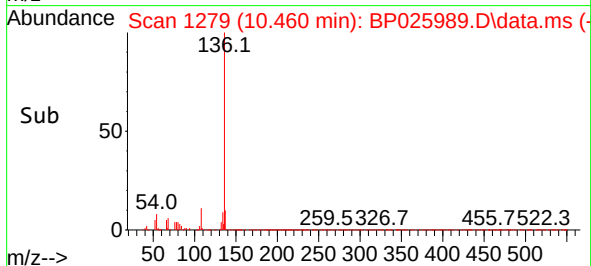
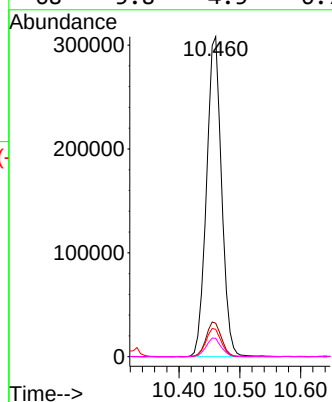
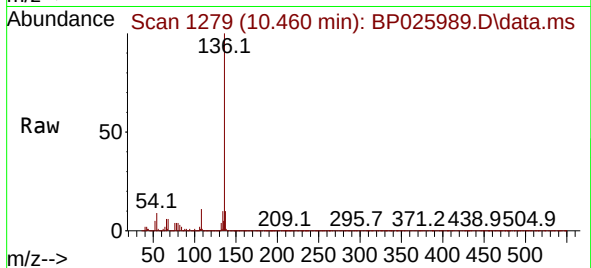
Ion Ratio Lower Upper

136 100

137 10.5 8.6 12.8

54 8.5 6.8 10.2

68 5.8 4.5 6.7



#22

Acetophenone

Concen: 48.153 ng

RT: 8.513 min Scan# 948

Delta R.T. -0.006 min

Lab File: BP025989.D

Acq: 21 Oct 2025 16:57

Tgt Ion:105 Resp: 694369

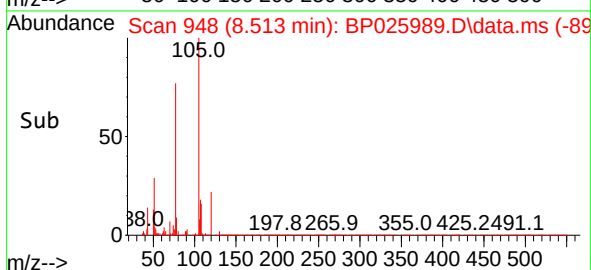
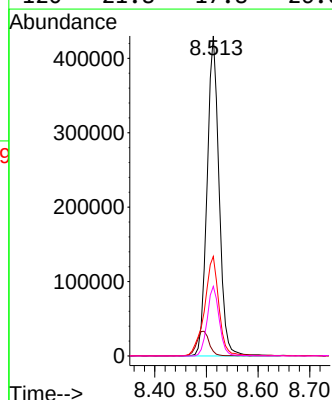
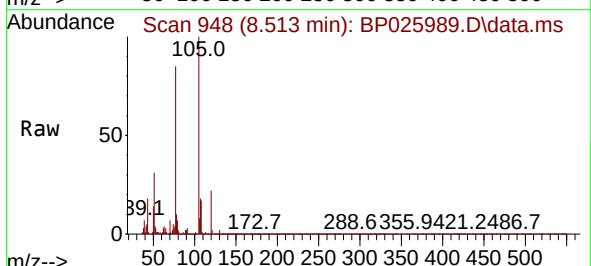
Ion Ratio Lower Upper

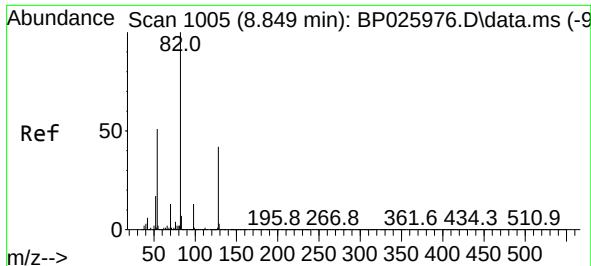
105 100

71 1.4 0.9 1.3#

51 31.1 23.0 34.4

120 21.8 17.8 26.6

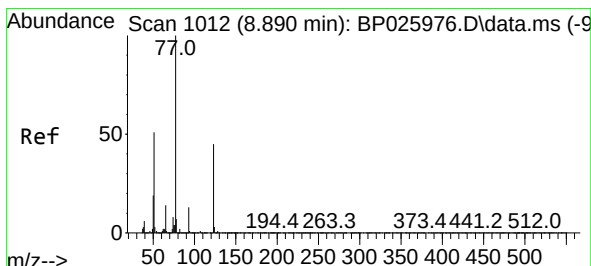
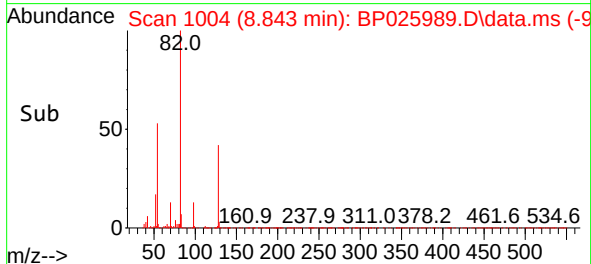
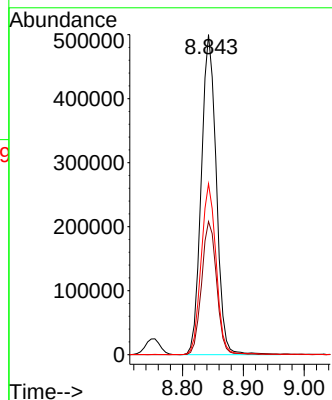
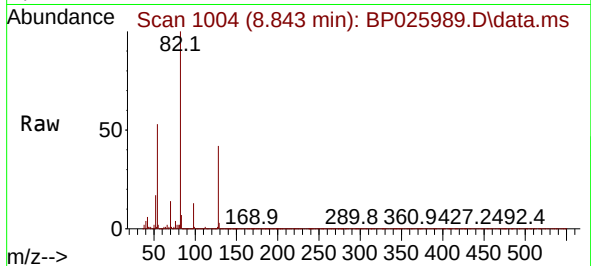




#23  
Nitrobenzene-d5  
Concen: 72.587 ng  
RT: 8.843 min Scan# 1004  
Delta R.T. -0.006 min  
Lab File: BP025989.D  
Acq: 21 Oct 2025 16:57

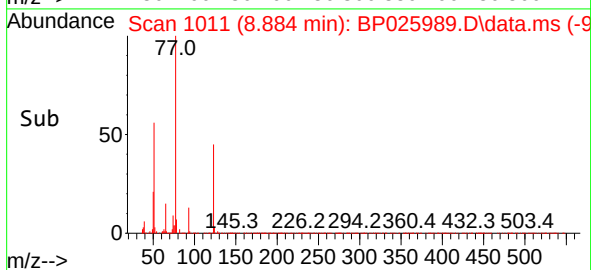
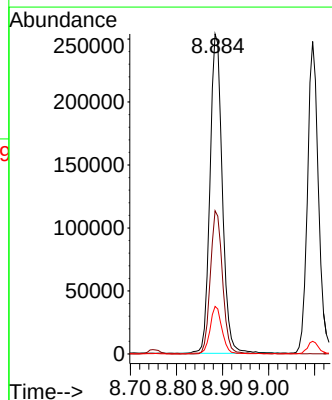
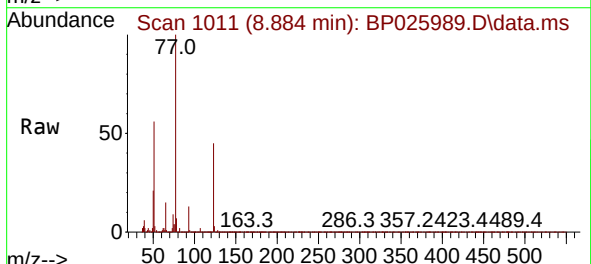
Instrument :  
BNA\_P  
ClientSampleId :

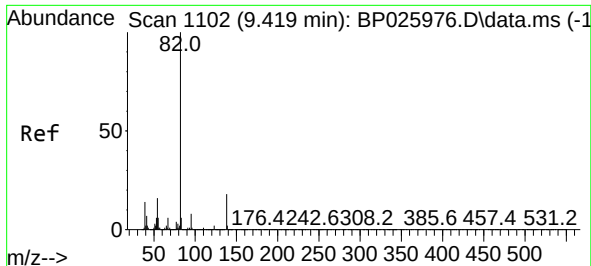
Tgt Ion: 82 Resp: 856589  
Ion Ratio Lower Upper  
82 100  
128 41.6 33.6 50.4  
54 53.4 40.6 61.0



#24  
Nitrobenzene  
Concen: 45.154 ng  
RT: 8.884 min Scan# 1011  
Delta R.T. -0.006 min  
Lab File: BP025989.D  
Acq: 21 Oct 2025 16:57

Tgt Ion: 77 Resp: 473851  
Ion Ratio Lower Upper  
77 100  
123 44.8 35.6 53.4  
65 14.9 11.1 16.7

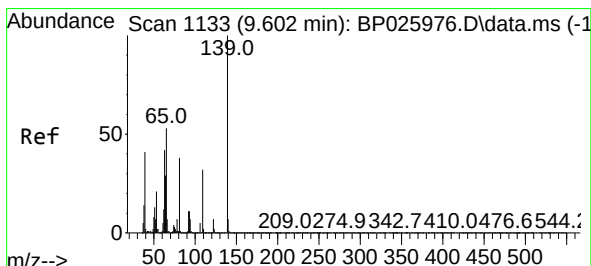
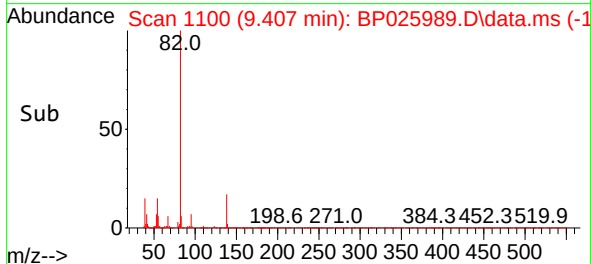
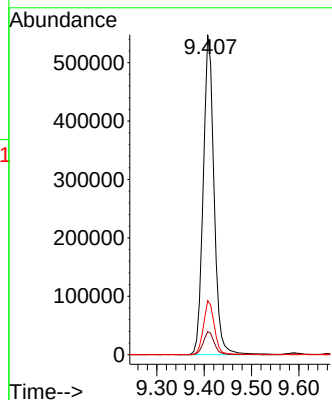
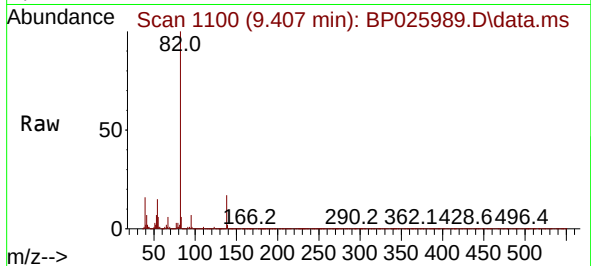




#25  
Isophorone  
Concen: 40.893 ng  
RT: 9.407 min Scan# 1100  
Delta R.T. -0.012 min  
Lab File: BP025989.D  
Acq: 21 Oct 2025 16:57

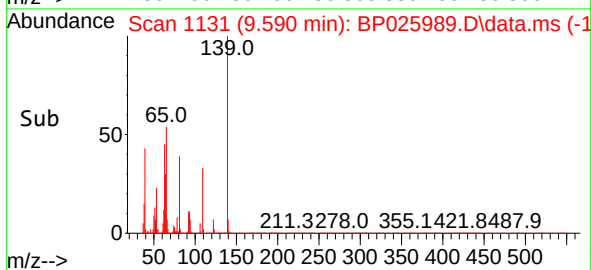
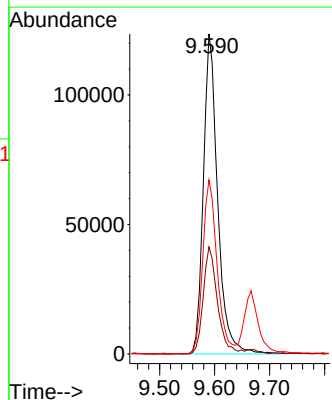
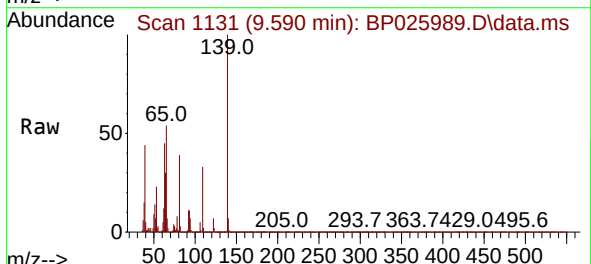
Instrument :  
BNA\_P  
ClientSampleId :

Tgt Ion: 82 Resp: 866720  
Ion Ratio Lower Upper  
82 100  
95 7.2 6.1 9.1  
138 16.9 14.2 21.2

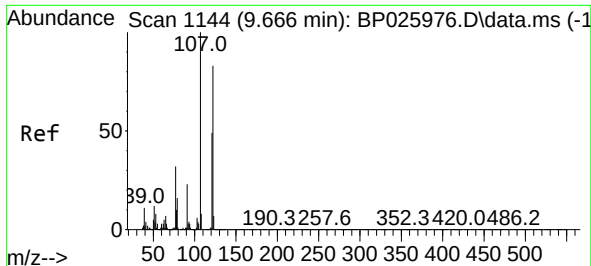


#26  
2-Nitrophenol  
Concen: 43.879 ng  
RT: 9.590 min Scan# 1131  
Delta R.T. -0.012 min  
Lab File: BP025989.D  
Acq: 21 Oct 2025 16:57

Tgt Ion: 139 Resp: 222999  
Ion Ratio Lower Upper  
139 100  
109 33.5 25.9 38.9  
65 54.4 42.4 63.6







#27

2,4-Dimethylphenol

Concen: 41.395 ng

RT: 9.666 min Scan# 1144

Delta R.T. 0.000 min

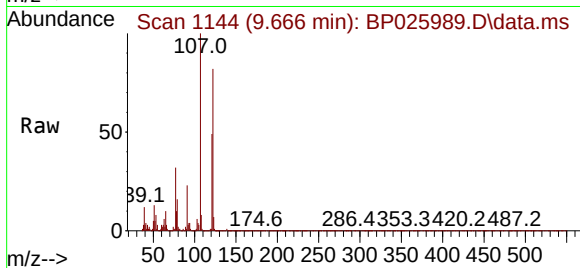
Lab File: BP025989.D

Acq: 21 Oct 2025 16:57

Instrument :

BNA\_P

ClientSampleId :



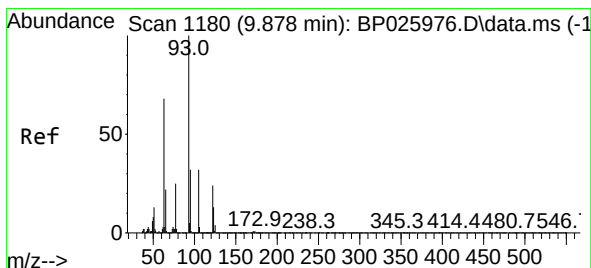
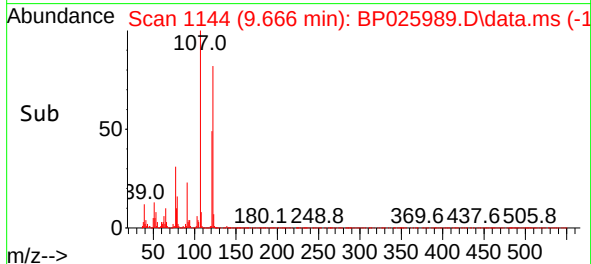
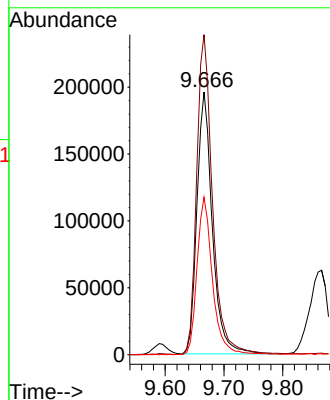
Tgt Ion:122 Resp: 356494

Ion Ratio Lower Upper

122 100

107 121.8 95.9 143.9

121 59.9 46.6 70.0



#28

bis(2-Chloroethoxy)methane

Concen: 43.068 ng

RT: 9.878 min Scan# 1180

Delta R.T. -0.000 min

Lab File: BP025989.D

Acq: 21 Oct 2025 16:57

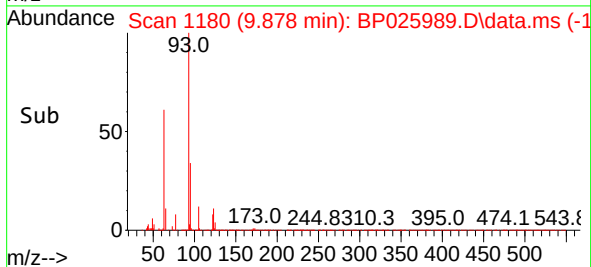
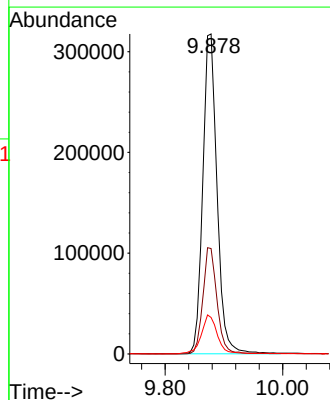
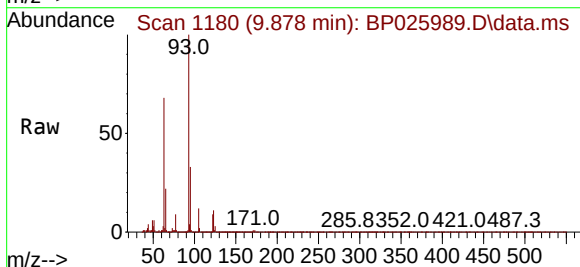
Tgt Ion: 93 Resp: 533974

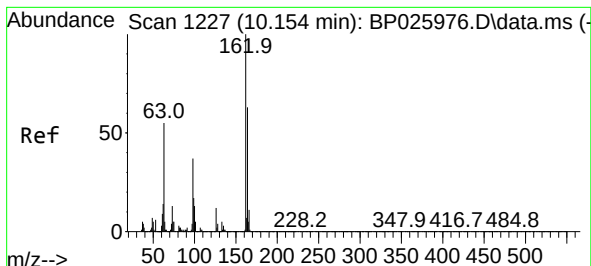
Ion Ratio Lower Upper

93 100

95 33.0 25.3 37.9

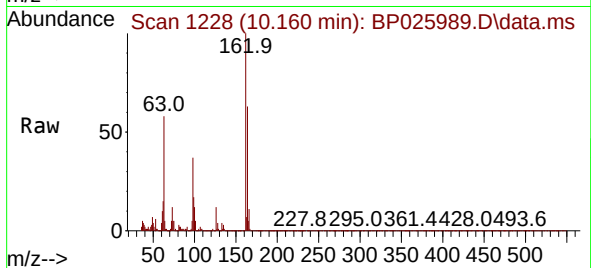
123 11.4 10.4 15.6



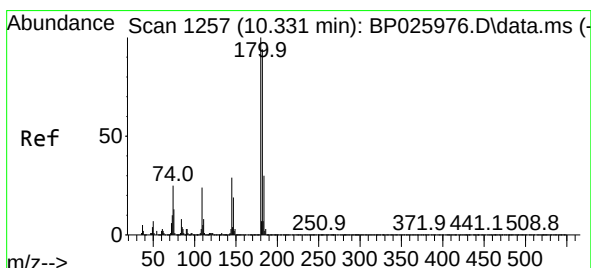
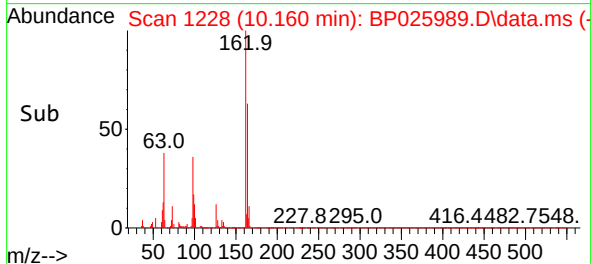
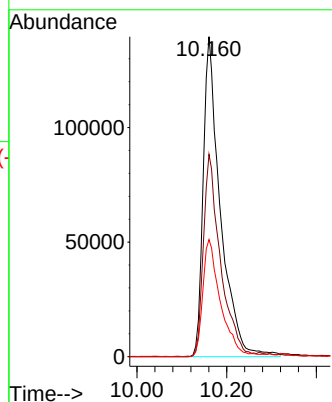


#29  
2,4-Dichlorophenol  
Concen: 43.192 ng  
RT: 10.160 min Scan# 1228  
Delta R.T. 0.006 min  
Lab File: BP025989.D  
Acq: 21 Oct 2025 16:57

Instrument :  
BNA\_P  
ClientSampleId :

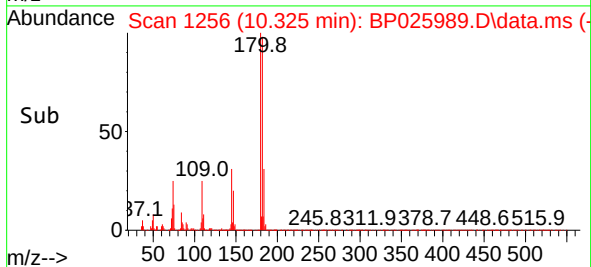
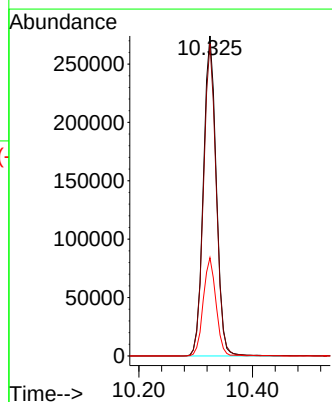
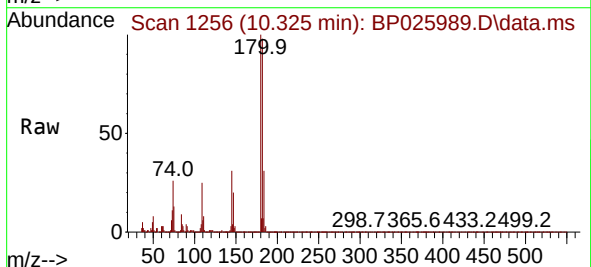


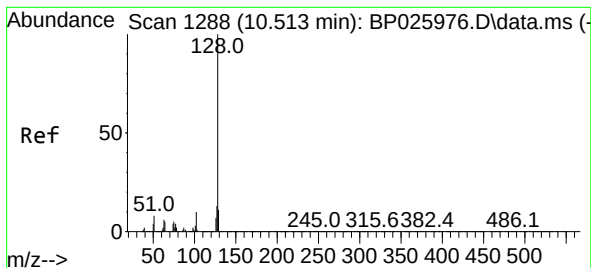
Tgt Ion:162 Resp: 370633  
Ion Ratio Lower Upper  
162 100  
164 63.3 43.4 83.4  
98 36.6 17.3 57.3



#30  
1,2,4-Trichlorobenzene  
Concen: 44.346 ng  
RT: 10.325 min Scan# 1256  
Delta R.T. -0.006 min  
Lab File: BP025989.D  
Acq: 21 Oct 2025 16:57

Tgt Ion:180 Resp: 430820  
Ion Ratio Lower Upper  
180 100  
182 97.6 75.3 112.9  
145 30.7 23.4 35.2





#31

Naphthalene

Concen: 43.074 ng

RT: 10.507 min Scan# 1178

Delta R.T. -0.006 min

Lab File: BP025989.D

Acq: 21 Oct 2025 16:57

Instrument :

BNA\_P

ClientSampleId :

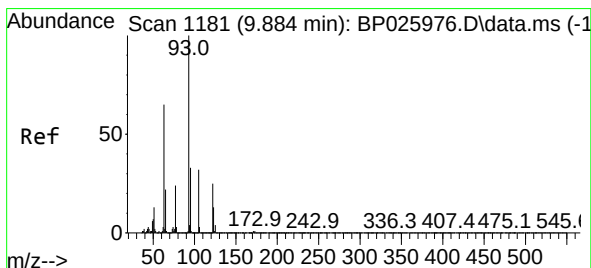
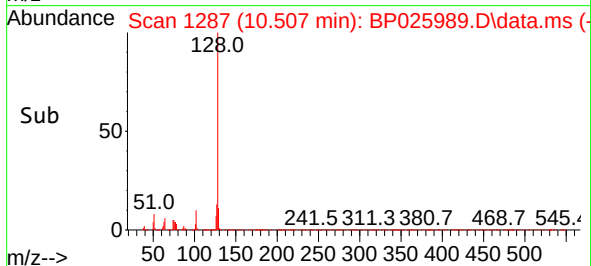
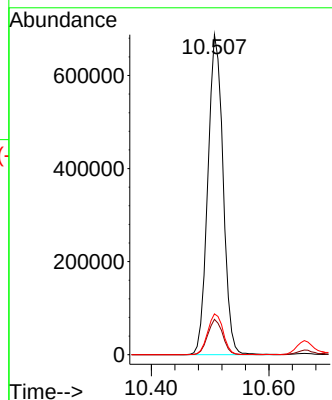
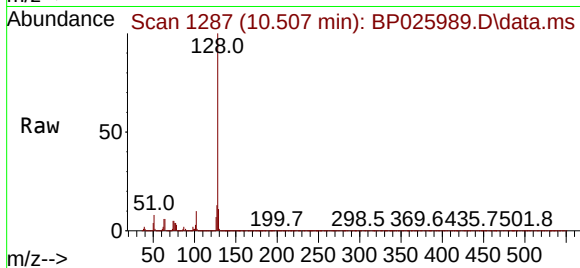
Tgt Ion:128 Resp: 1232485

Ion Ratio Lower Upper

128 100

129 11.0 8.7 13.1

127 12.8 10.6 16.0



#32

Benzoic acid

Concen: 27.628 ng

RT: 9.866 min Scan# 1178

Delta R.T. -0.018 min

Lab File: BP025989.D

Acq: 21 Oct 2025 16:57

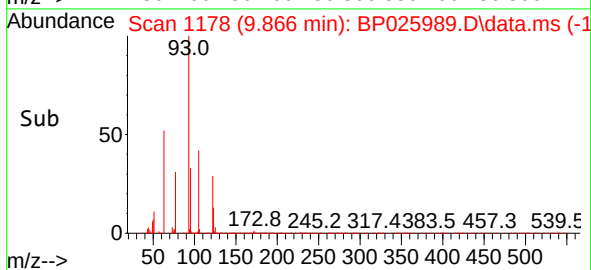
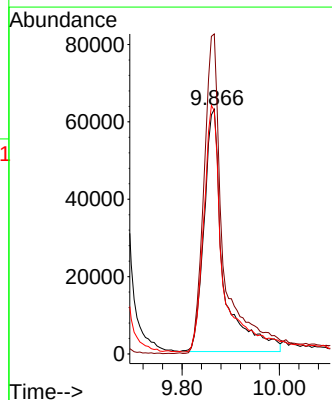
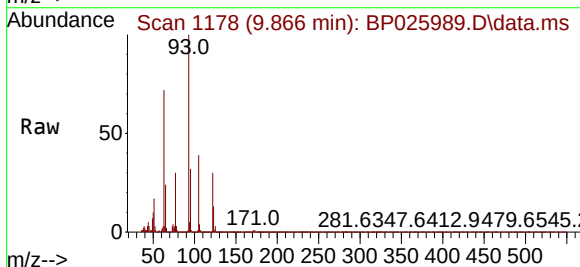
Tgt Ion:122 Resp: 172419

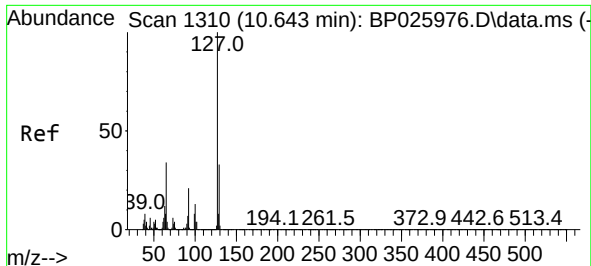
Ion Ratio Lower Upper

122 100

105 130.8 107.4 147.4

77 99.4 77.0 117.0

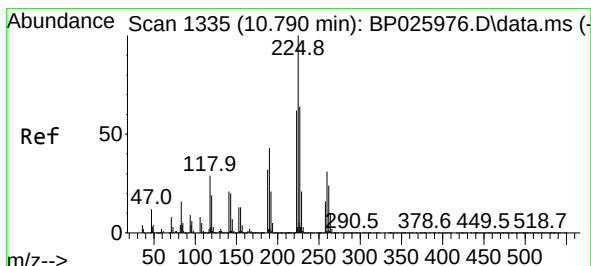
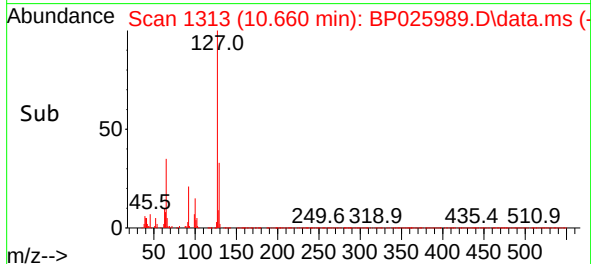
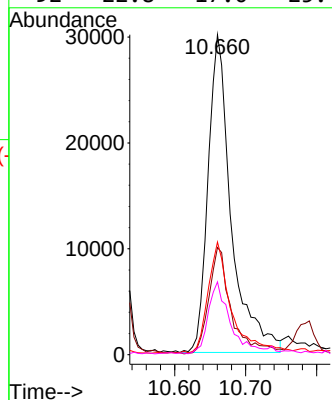
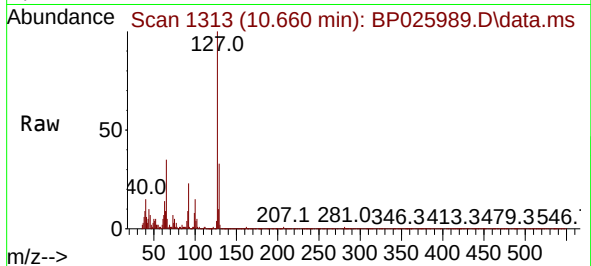




#33  
4-Chloroaniline  
Concen: 5.622 ng  
RT: 10.660 min Scan# 11  
Delta R.T. 0.018 min  
Lab File: BP025989.D  
Acq: 21 Oct 2025 16:57

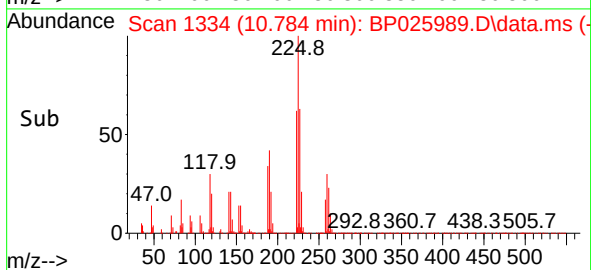
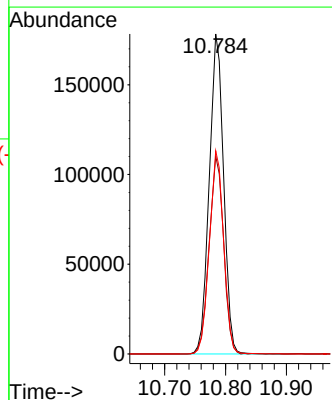
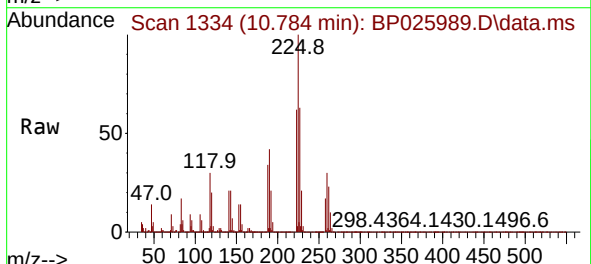
Instrument :  
BNA\_P  
ClientSampleId :

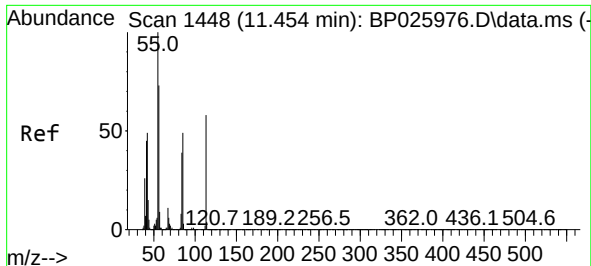
|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 127   | Resp: | 68319 |
| Ion      | Ratio | Lower | Upper |
| 127      | 100   |       |       |
| 129      | 33.5  | 26.2  | 39.4  |
| 65       | 35.2  | 27.2  | 40.8  |
| 92       | 22.8  | 17.0  | 25.4  |



#34  
Hexachlorobutadiene  
Concen: 45.239 ng  
RT: 10.784 min Scan# 1334  
Delta R.T. -0.006 min  
Lab File: BP025989.D  
Acq: 21 Oct 2025 16:57

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 225   | Resp: | 290856 |
| Ion      | Ratio | Lower | Upper  |
| 225      | 100   |       |        |
| 223      | 61.9  | 49.8  | 74.8   |
| 227      | 63.5  | 51.4  | 77.2   |

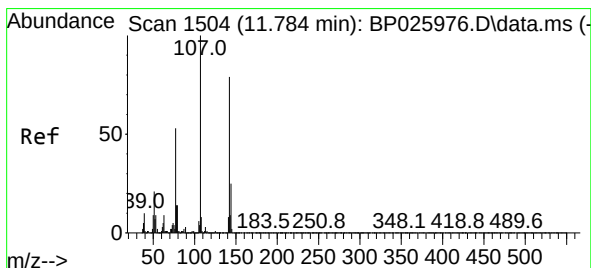
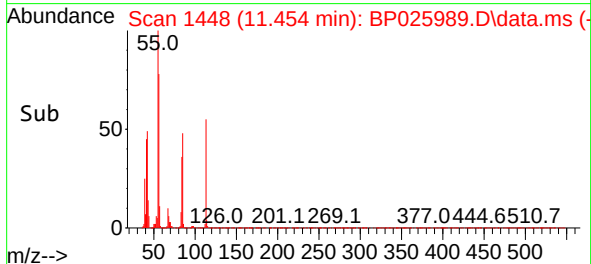
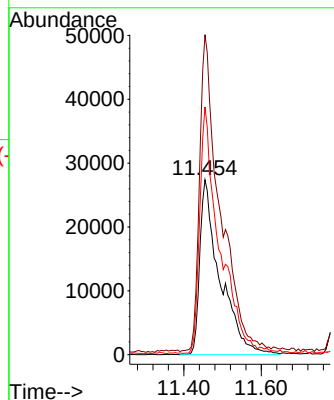
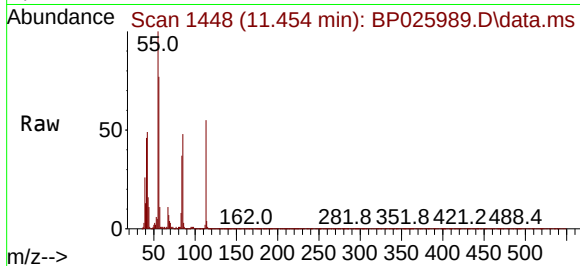




#35  
Caprolactam  
Concen: 32.379 ng  
RT: 11.454 min Scan# 14  
Delta R.T. -0.000 min  
Lab File: BP025989.D  
Acq: 21 Oct 2025 16:57

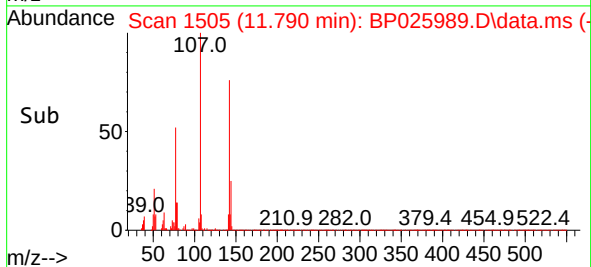
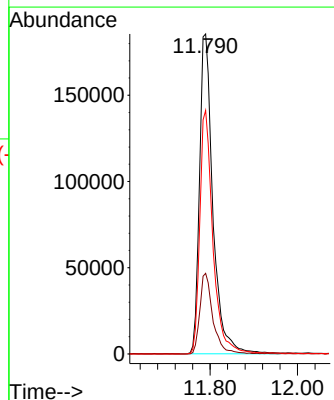
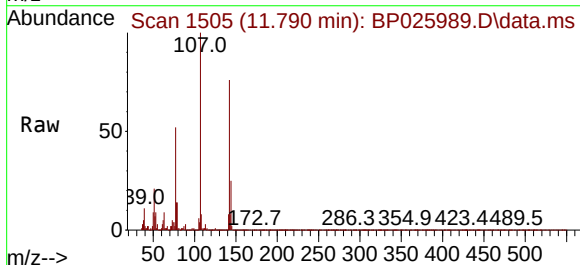
Instrument :  
BNA\_P  
ClientSampleId :

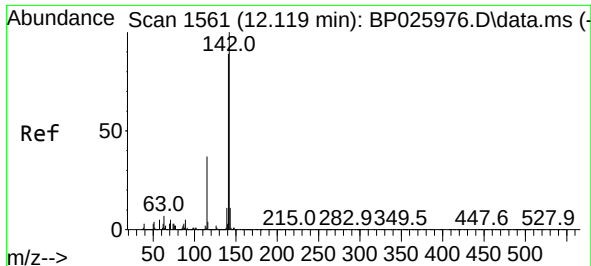
|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 113   | Resp: | 98876 |
| Ion Ratio | Lower | Upper |       |
| 113       | 100   |       |       |
| 55        | 183.0 | 151.8 | 191.8 |
| 56        | 141.6 | 104.6 | 144.6 |



#36  
4-Chloro-3-methylphenol  
Concen: 39.389 ng  
RT: 11.790 min Scan# 1505  
Delta R.T. 0.006 min  
Lab File: BP025989.D  
Acq: 21 Oct 2025 16:57

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 107   | Resp: | 396826 |
| Ion Ratio | Lower | Upper |        |
| 107       | 100   |       |        |
| 144       | 25.2  | 20.3  | 30.5   |
| 142       | 76.1  | 63.0  | 94.4   |

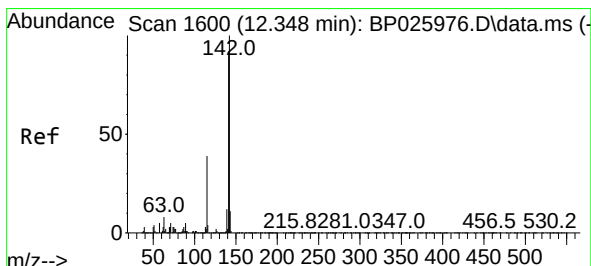
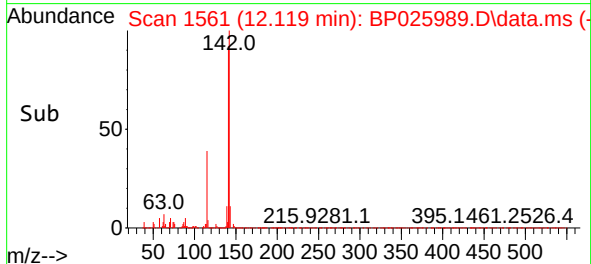
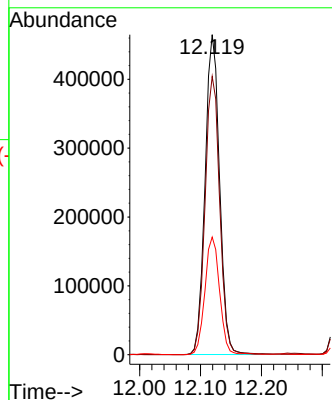
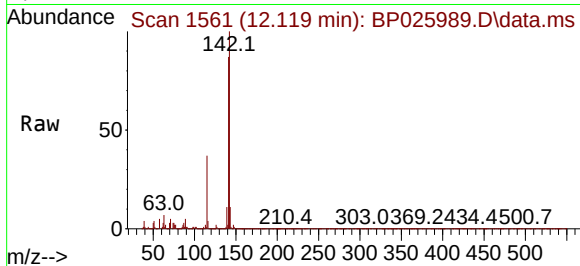




#37  
2-Methylnaphthalene  
Concen: 41.187 ng  
RT: 12.119 min Scan# 1561  
Delta R.T. 0.000 min  
Lab File: BP025989.D  
Acq: 21 Oct 2025 16:57

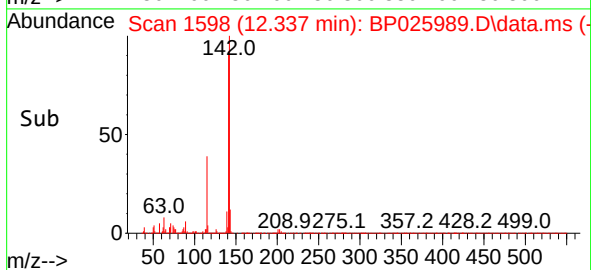
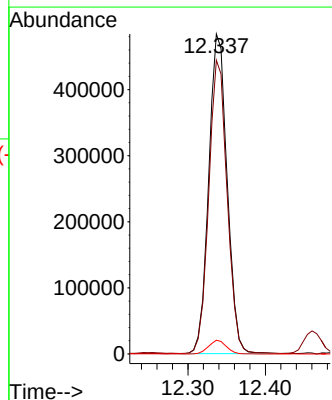
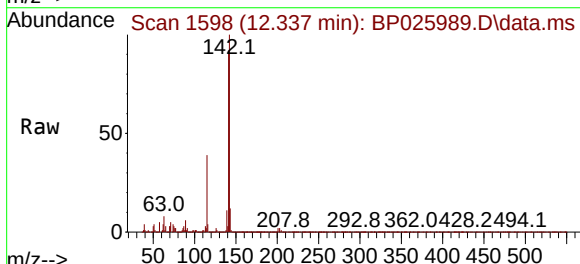
Instrument :  
BNA\_P  
ClientSampleId :

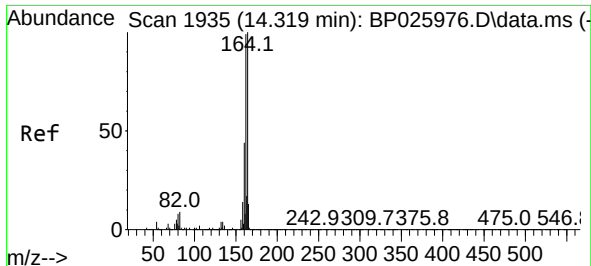
Tgt Ion:142 Resp: 771589  
Ion Ratio Lower Upper  
142 100  
141 86.9 70.9 106.3  
115 36.8 29.9 44.9



#38  
1-Methylnaphthalene  
Concen: 40.407 ng  
RT: 12.337 min Scan# 1598  
Delta R.T. -0.012 min  
Lab File: BP025989.D  
Acq: 21 Oct 2025 16:57

Tgt Ion:142 Resp: 798461  
Ion Ratio Lower Upper  
142 100  
141 91.8 73.7 110.5  
116 4.3 3.2 4.8

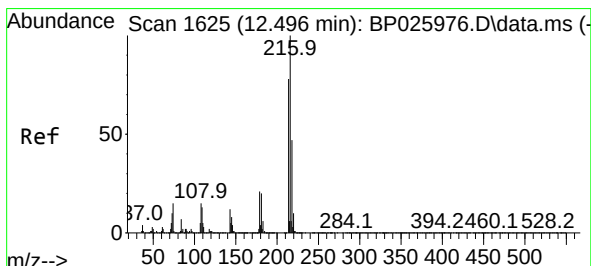
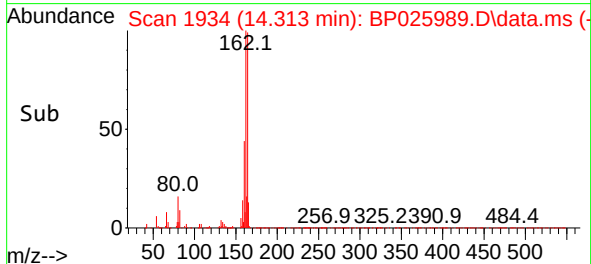
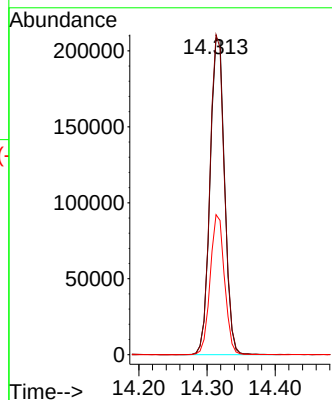
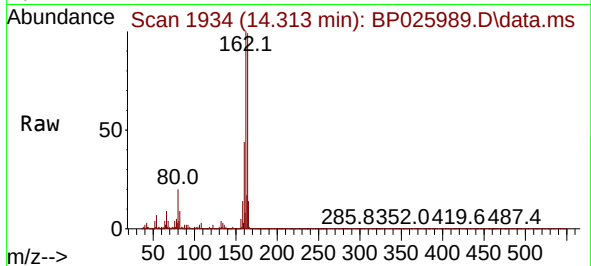




#39  
Acenaphthene-d10  
Concen: 20.000 ng  
RT: 14.313 min Scan# 1935  
Delta R.T. -0.006 min  
Lab File: BP025989.D  
Acq: 21 Oct 2025 16:57

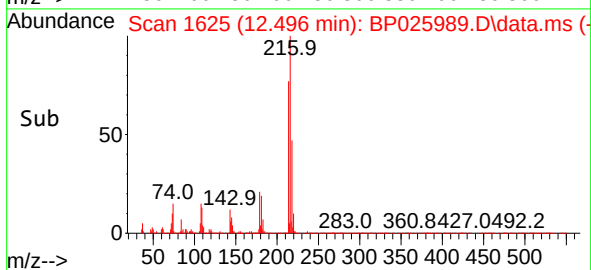
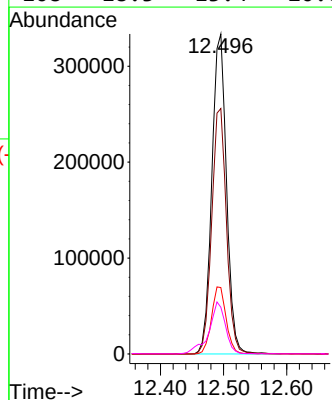
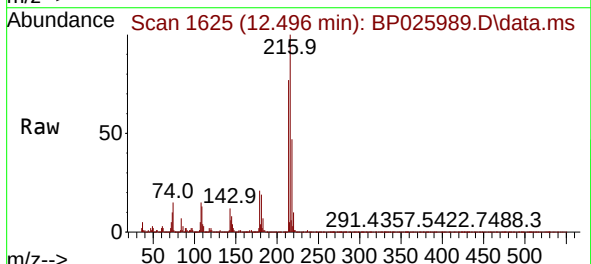
Instrument :  
BNA\_P  
ClientSampleId :

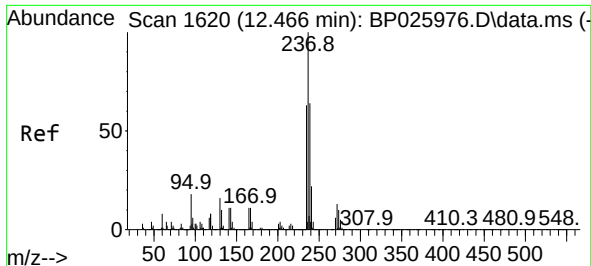
Tgt Ion:164 Resp: 309617  
Ion Ratio Lower Upper  
164 100  
162 101.2 79.3 118.9  
160 44.3 35.4 53.0



#40  
1,2,4,5-Tetrachlorobenzene  
Concen: 53.277 ng  
RT: 12.496 min Scan# 1625  
Delta R.T. 0.000 min  
Lab File: BP025989.D  
Acq: 21 Oct 2025 16:57

Tgt Ion:216 Resp: 537143  
Ion Ratio Lower Upper  
216 100  
214 77.3 62.6 94.0  
179 21.0 16.5 24.7  
108 18.3 13.4 20.0

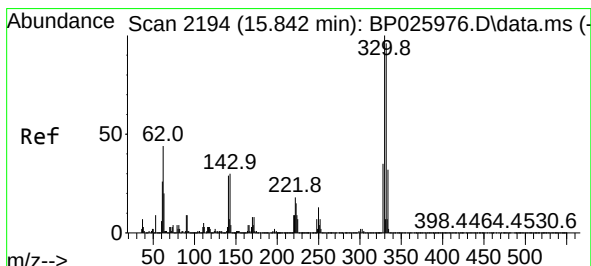
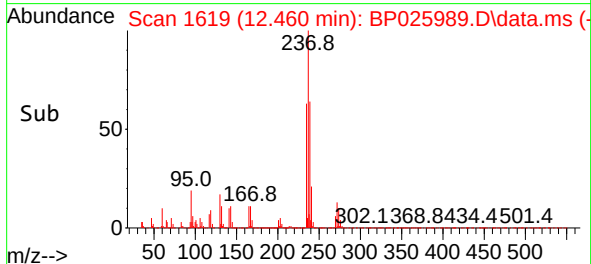
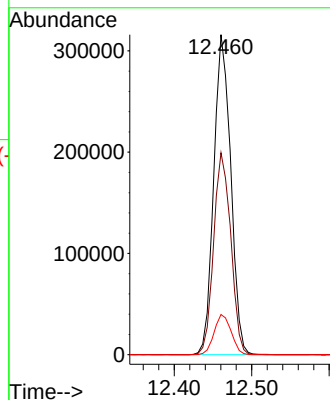
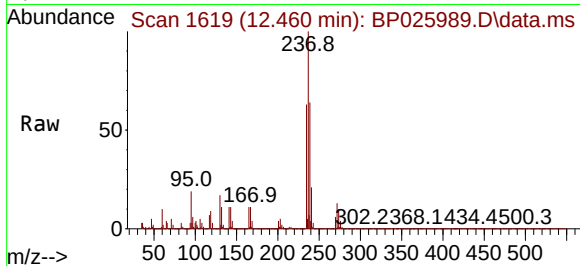




#41  
Hexachlorocyclopentadiene  
Concen: 80.803 ng  
RT: 12.460 min Scan# 1  
Delta R.T. -0.006 min  
Lab File: BP025989.D  
Acq: 21 Oct 2025 16:57

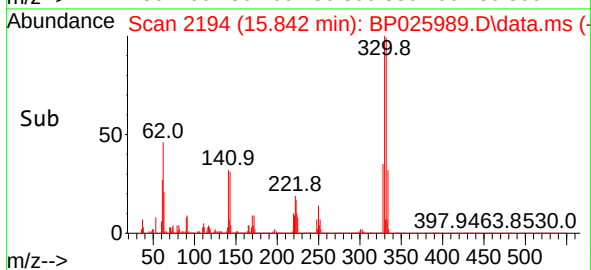
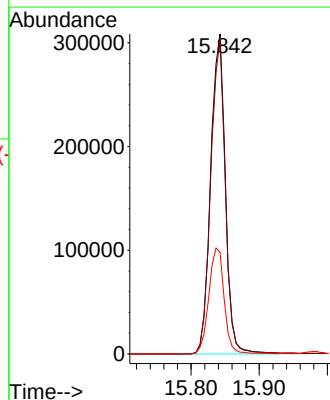
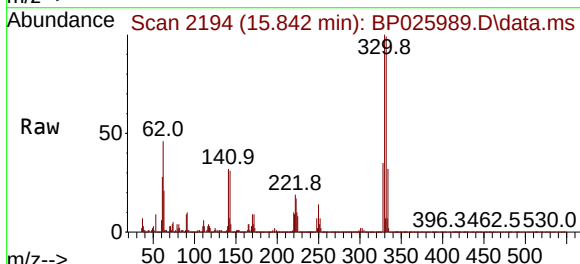
Instrument :  
BNA\_P  
ClientSampleId :

Tgt Ion:237 Resp: 480511  
Ion Ratio Lower Upper  
237 100  
235 63.1 43.1 83.1  
272 12.6 0.0 33.4

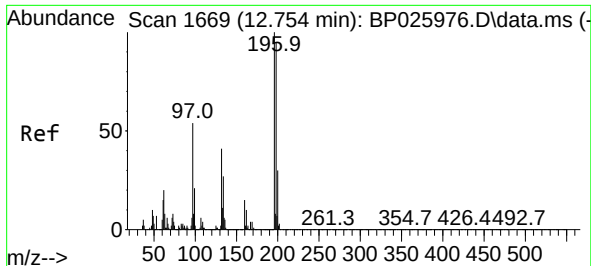


#42  
2,4,6-Tribromophenol  
Concen: 111.532 ng  
RT: 15.842 min Scan# 2194  
Delta R.T. 0.000 min  
Lab File: BP025989.D  
Acq: 21 Oct 2025 16:57

Tgt Ion:330 Resp: 464884  
Ion Ratio Lower Upper  
330 100  
332 97.0 77.8 116.8  
141 34.6 25.6 38.4



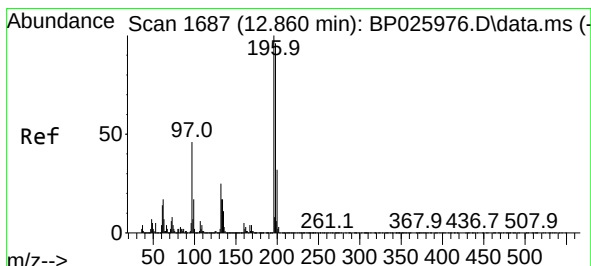
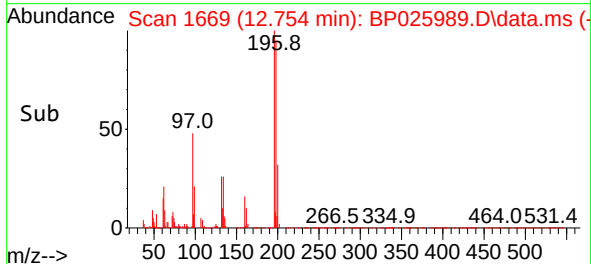
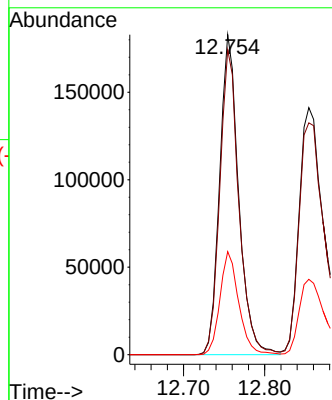
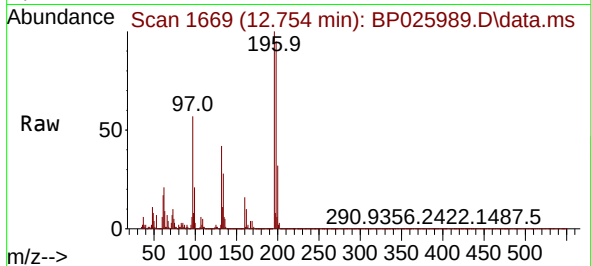




#43  
2,4,6-Trichlorophenol  
Concen: 46.618 ng  
RT: 12.754 min Scan# 1669  
Delta R.T. -0.000 min  
Lab File: BP025989.D  
Acq: 21 Oct 2025 16:57

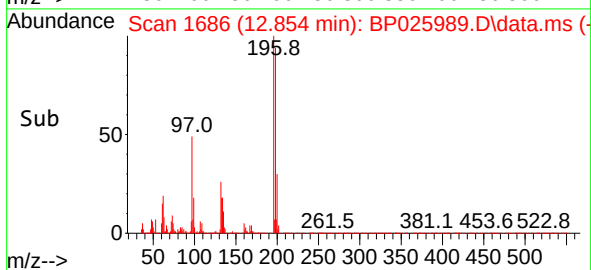
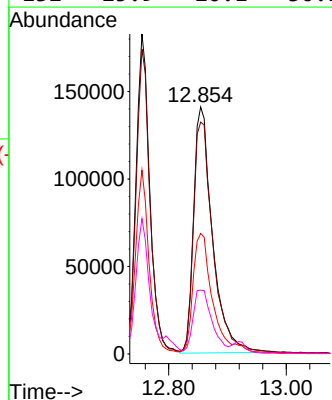
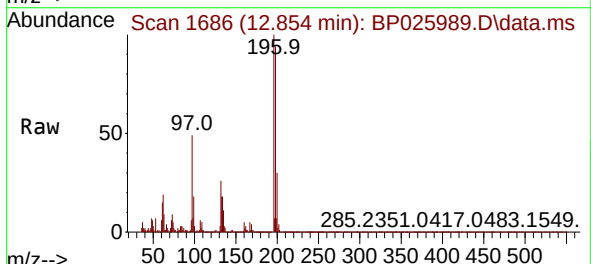
Instrument :  
BNA\_P  
ClientSampleId :

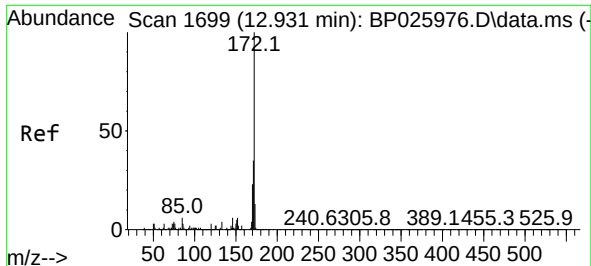
Tgt Ion:196 Resp: 298324  
Ion Ratio Lower Upper  
196 100  
198 95.3 76.3 114.5  
200 32.2 23.9 35.9



#44  
2,4,5-Trichlorophenol  
Concen: 45.124 ng  
RT: 12.854 min Scan# 1686  
Delta R.T. -0.006 min  
Lab File: BP025989.D  
Acq: 21 Oct 2025 16:57

Tgt Ion:196 Resp: 314444  
Ion Ratio Lower Upper  
196 100  
198 93.8 77.0 115.4  
97 48.8 36.6 54.8  
132 25.9 20.1 30.1

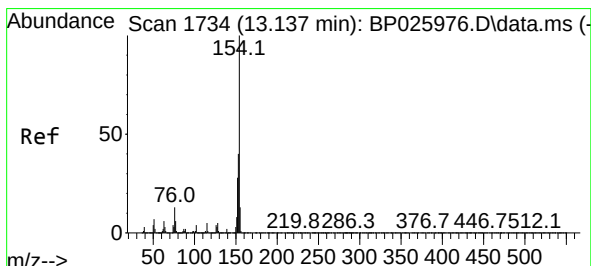
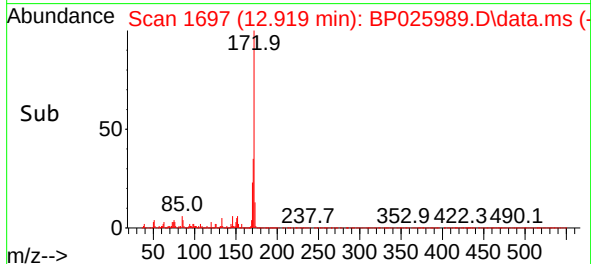
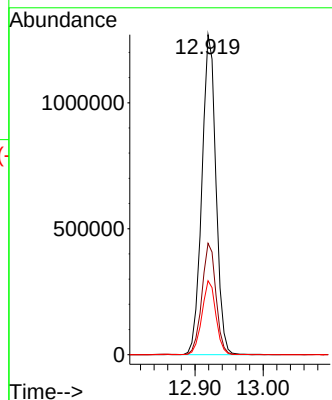
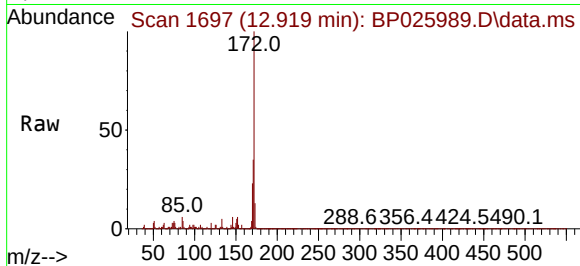




#45  
2-Fluorobiphenyl  
Concen: 75.257 ng  
RT: 12.919 min Scan# 1699  
Delta R.T. -0.012 min  
Lab File: BP025989.D  
Acq: 21 Oct 2025 16:57

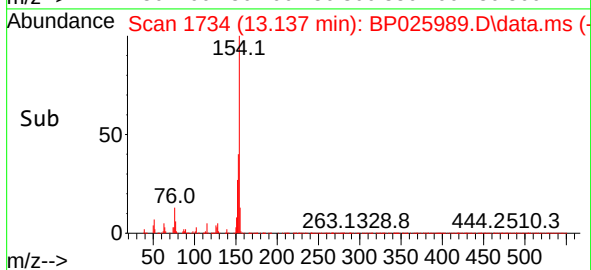
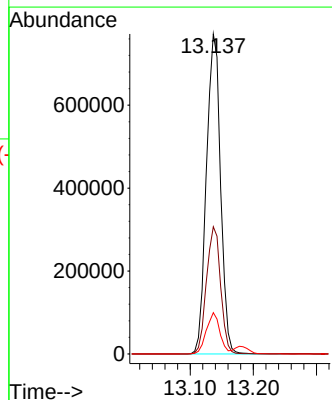
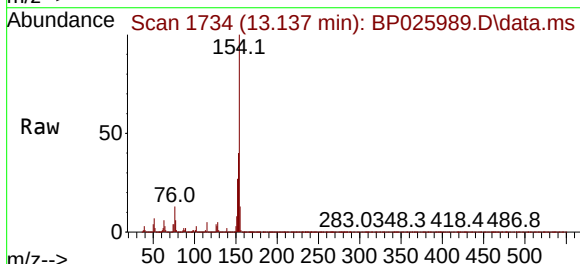
Instrument :  
BNA\_P  
ClientSampleId :

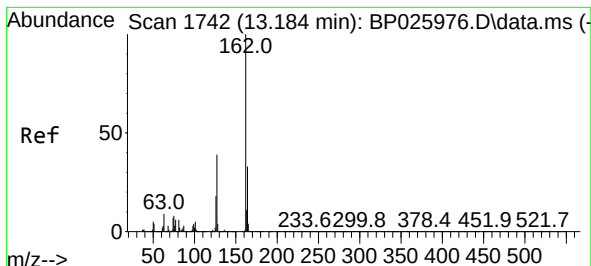
Tgt Ion:172 Resp: 1817923  
Ion Ratio Lower Upper  
172 100  
171 34.8 27.8 41.8  
170 23.1 18.5 27.7



#46  
1,1'-Biphenyl  
Concen: 51.272 ng  
RT: 13.137 min Scan# 1734  
Delta R.T. -0.000 min  
Lab File: BP025989.D  
Acq: 21 Oct 2025 16:57

Tgt Ion:154 Resp: 1199150  
Ion Ratio Lower Upper  
154 100  
153 39.8 20.1 60.1  
76 12.9 0.0 33.1





#47

2-Chloronaphthalene

Concen: 46.766 ng

RT: 13.178 min Scan# 1741

Delta R.T. -0.006 min

Lab File: BP025989.D

Acq: 21 Oct 2025 16:57

Instrument :

BNA\_P

ClientSampleId :

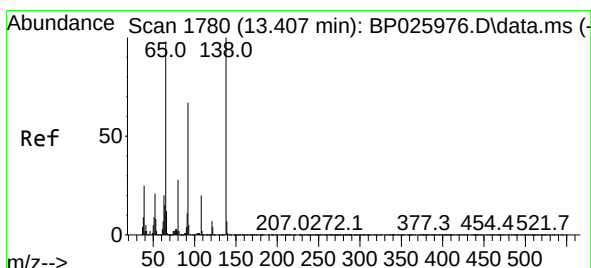
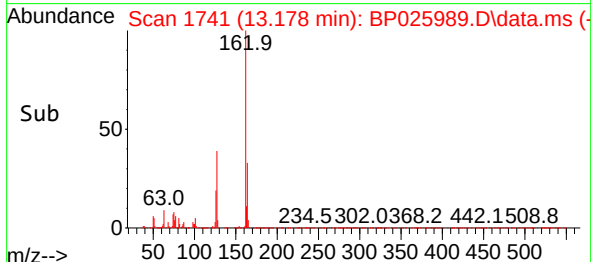
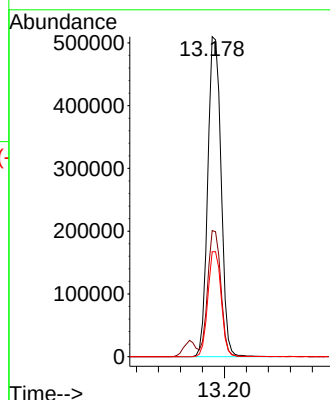
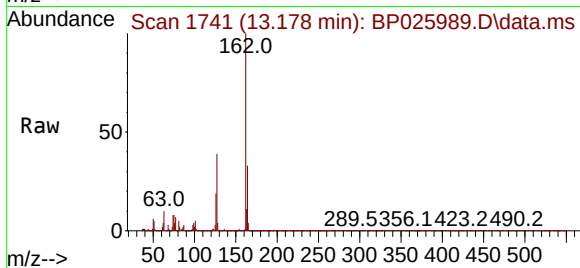
Tgt Ion:162 Resp: 855218

Ion Ratio Lower Upper

162 100

127 39.4 31.4 47.0

164 32.8 26.4 39.6



#48

2-Nitroaniline

Concen: 46.371 ng

RT: 13.413 min Scan# 1781

Delta R.T. 0.006 min

Lab File: BP025989.D

Acq: 21 Oct 2025 16:57

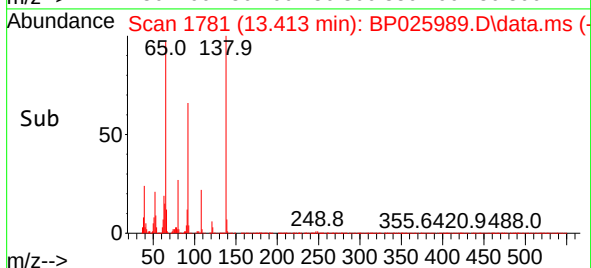
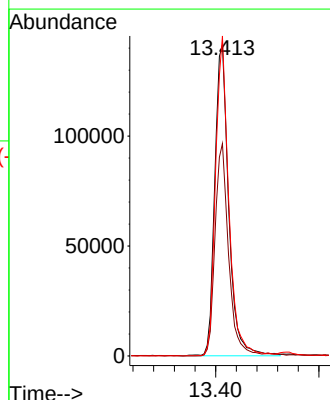
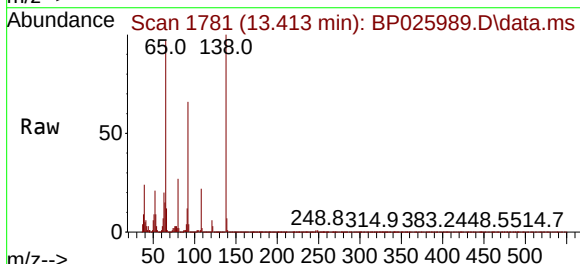
Tgt Ion: 65 Resp: 264291

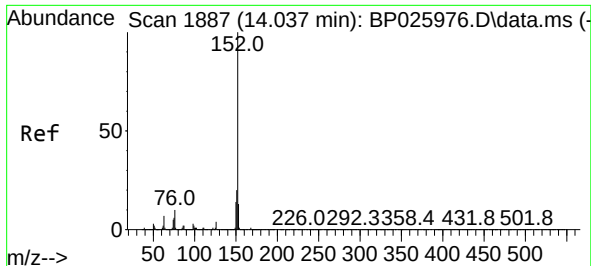
Ion Ratio Lower Upper

65 100

92 68.3 55.0 82.4

138 102.9 82.0 123.0

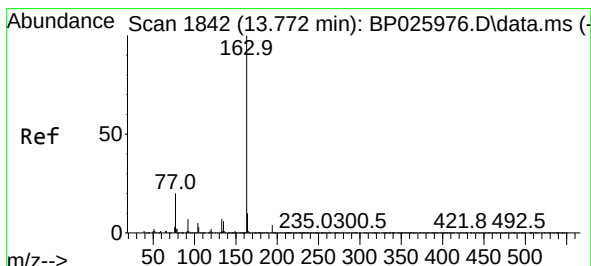
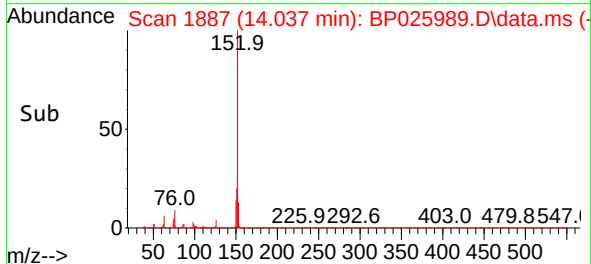
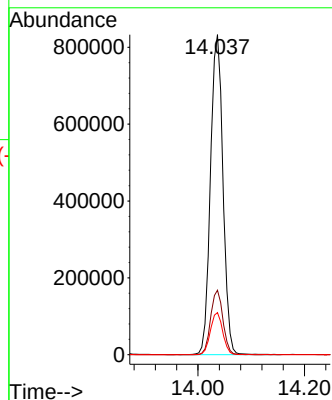
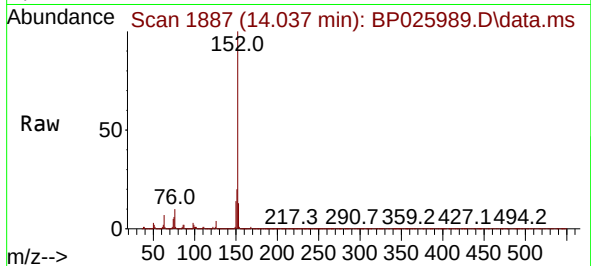




#49  
Acenaphthylene  
Concen: 45.832 ng  
RT: 14.037 min Scan# 1887  
Delta R.T. -0.000 min  
Lab File: BP025989.D  
Acq: 21 Oct 2025 16:57

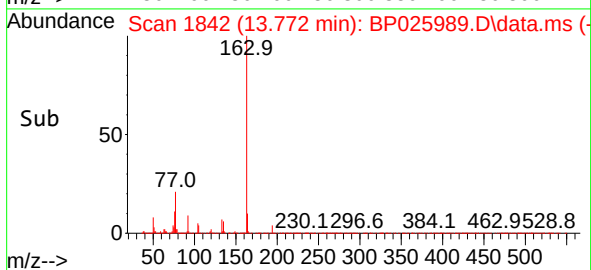
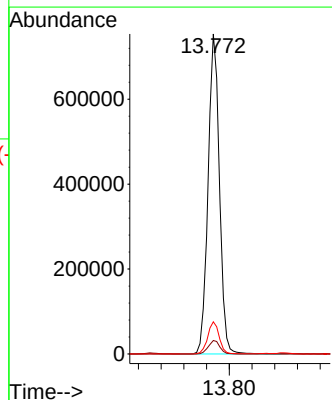
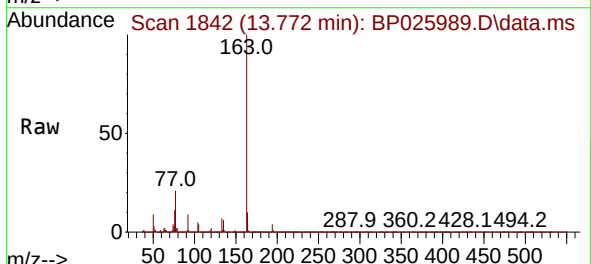
Instrument :  
BNA\_P  
ClientSampleId :

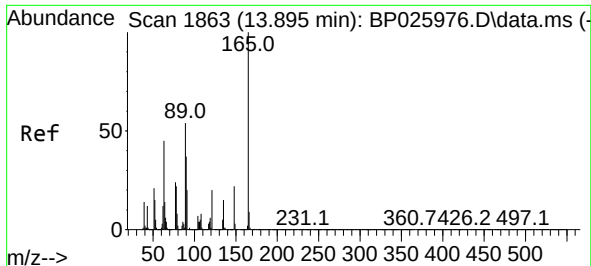
Tgt Ion:152 Resp: 1355174  
Ion Ratio Lower Upper  
152 100  
151 20.2 15.9 23.9  
153 13.2 10.6 15.8



#50  
Dimethylphthalate  
Concen: 44.422 ng  
RT: 13.772 min Scan# 1842  
Delta R.T. 0.000 min  
Lab File: BP025989.D  
Acq: 21 Oct 2025 16:57

Tgt Ion:163 Resp: 1039587  
Ion Ratio Lower Upper  
163 100  
194 4.2 3.6 5.4  
164 10.1 8.2 12.2

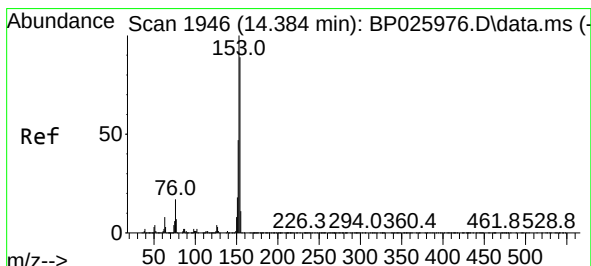
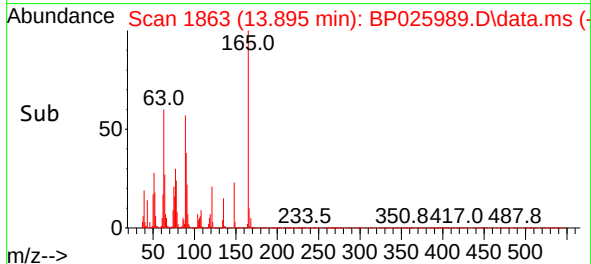
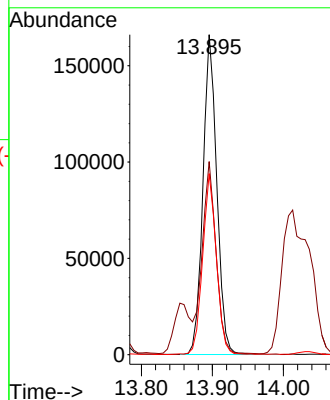
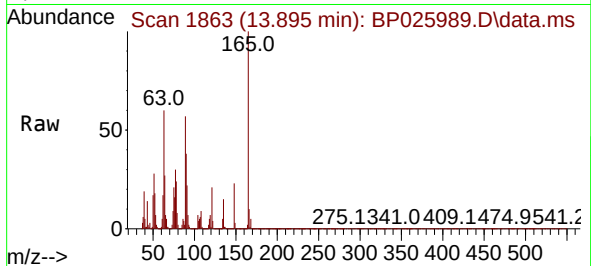




#51  
2,6-Dinitrotoluene  
Concen: 44.557 ng  
RT: 13.895 min Scan# 1863  
Delta R.T. -0.000 min  
Lab File: BP025989.D  
Acq: 21 Oct 2025 16:57

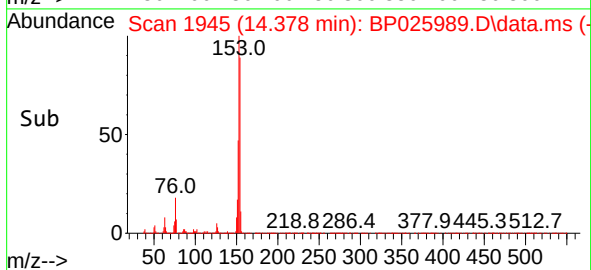
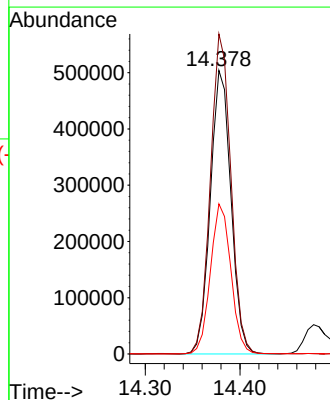
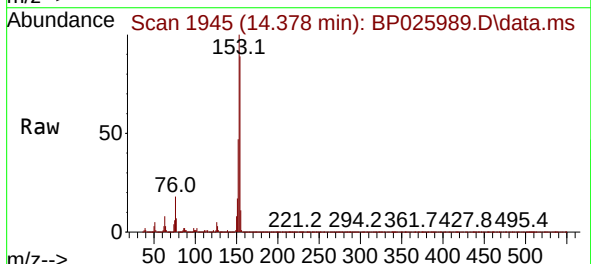
Instrument :  
BNA\_P  
ClientSampleId :

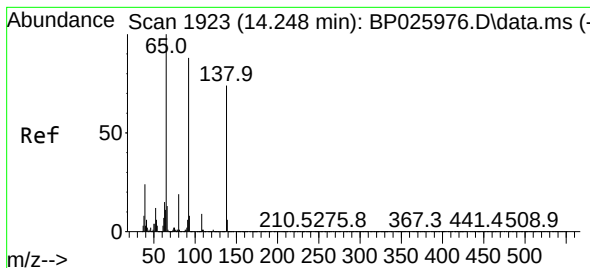
Tgt Ion:165 Resp: 225142  
Ion Ratio Lower Upper  
165 100  
63 60.3 45.4 68.0  
89 56.6 43.4 65.0



#52  
Acenaphthene  
Concen: 44.632 ng  
RT: 14.378 min Scan# 1945  
Delta R.T. -0.006 min  
Lab File: BP025989.D  
Acq: 21 Oct 2025 16:57

Tgt Ion:154 Resp: 762062  
Ion Ratio Lower Upper  
154 100  
153 112.9 90.2 135.2  
152 53.0 42.2 63.2

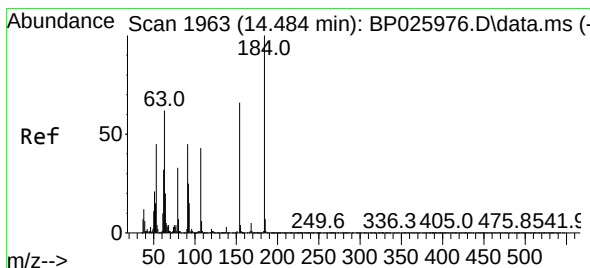
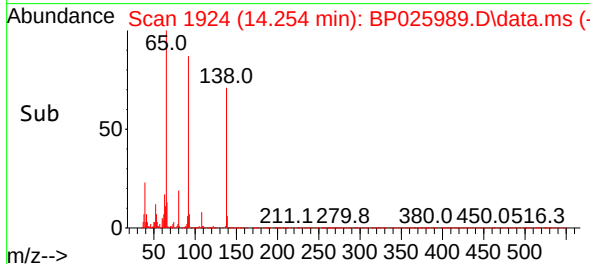
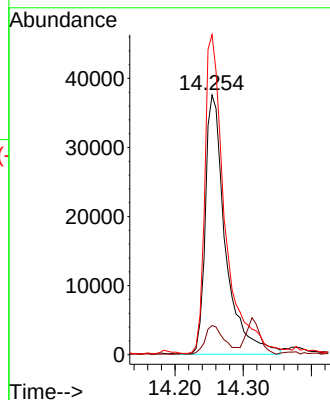
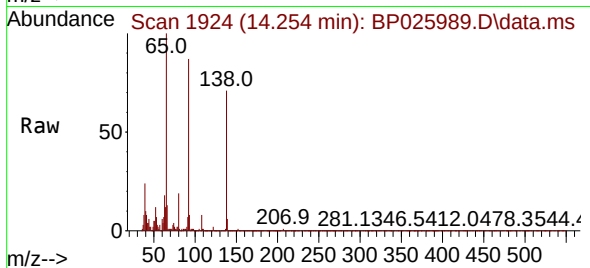




#53  
3-Nitroaniline  
Concen: 15.252 ng  
RT: 14.254 min Scan# 1924  
Delta R.T. 0.006 min  
Lab File: BP025989.D  
Acq: 21 Oct 2025 16:57

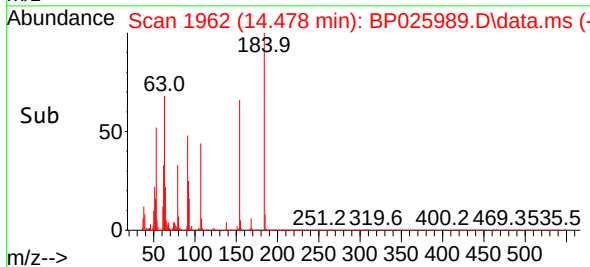
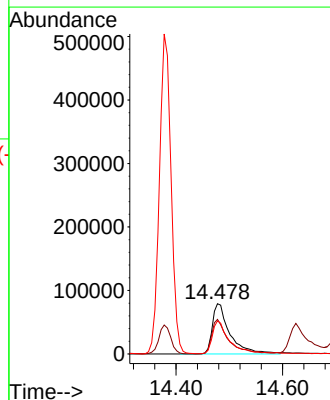
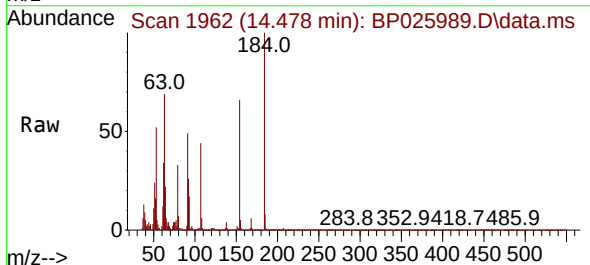
Instrument :  
BNA\_P  
ClientSampleId :

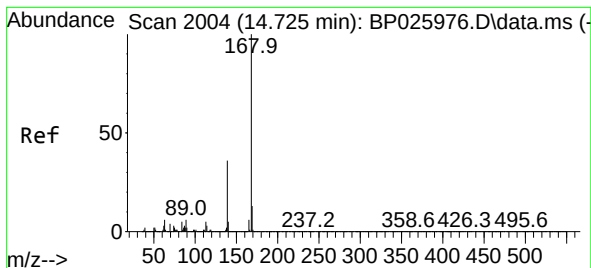
Tgt Ion:138 Resp: 76758  
Ion Ratio Lower Upper  
138 100  
108 11.2 10.0 15.0  
92 123.3 96.1 144.1



#54  
2,4-Dinitrophenol  
Concen: 54.264 ng  
RT: 14.478 min Scan# 1962  
Delta R.T. -0.006 min  
Lab File: BP025989.D  
Acq: 21 Oct 2025 16:57

Tgt Ion:184 Resp: 179887  
Ion Ratio Lower Upper  
184 100  
63 68.7 50.2 75.2  
154 65.9 54.2 81.4





#55

Dibenzofuran

Concen: 44.737 ng

RT: 14.725 min Scan# 2004

Delta R.T. -0.000 min

Lab File: BP025989.D

Acq: 21 Oct 2025 16:57

Instrument :

BNP\_P

ClientSampleId :

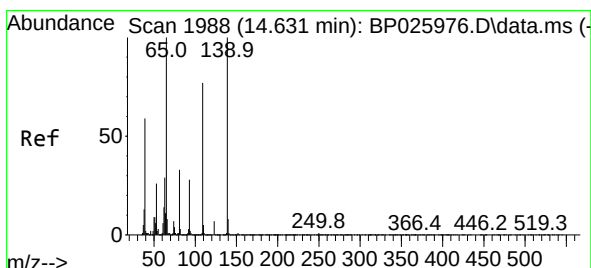
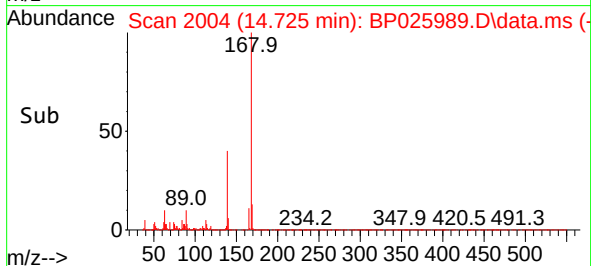
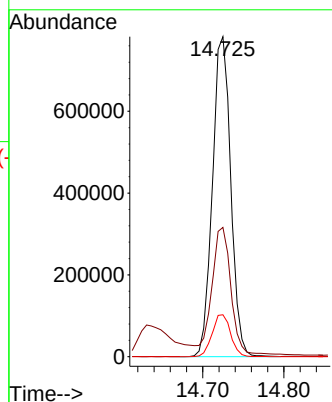
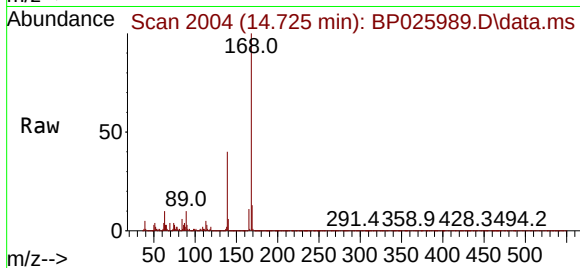
Tgt Ion:168 Resp: 1223113

Ion Ratio Lower Upper

168 100

139 40.4 30.5 45.7

169 13.1 10.6 15.8



#56

4-Nitrophenol

Concen: 76.622 ng

RT: 14.631 min Scan# 1988

Delta R.T. 0.000 min

Lab File: BP025989.D

Acq: 21 Oct 2025 16:57

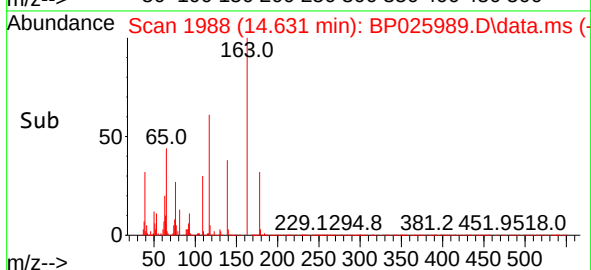
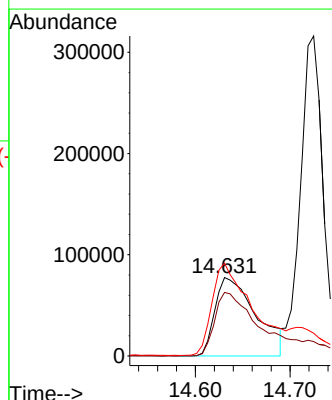
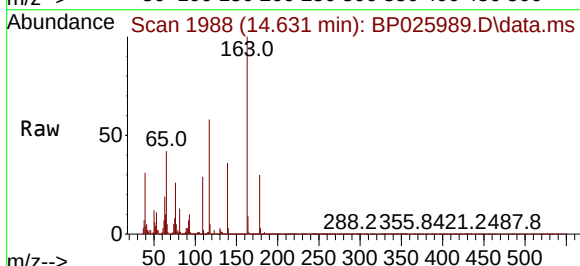
Tgt Ion:139 Resp: 233857

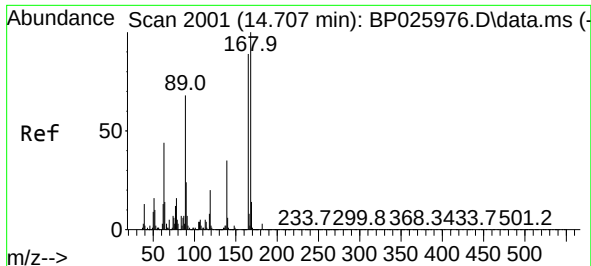
Ion Ratio Lower Upper

139 100

109 81.0 57.6 97.6

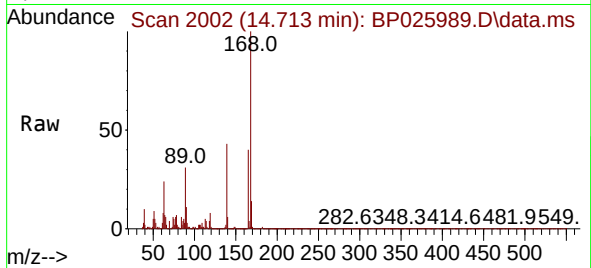
65 118.2 81.4 121.4



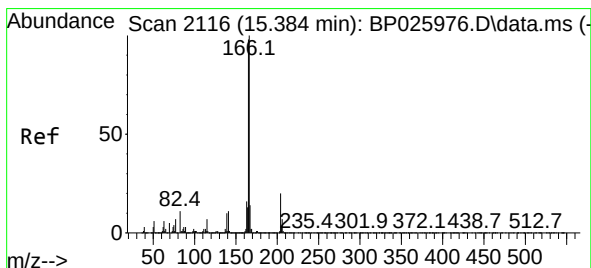
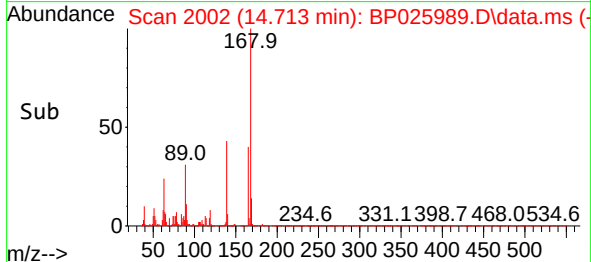
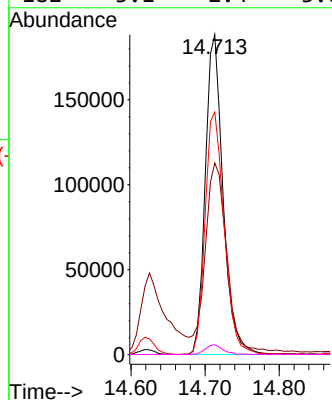


#57  
2,4-Dinitrotoluene  
Concen: 45.783 ng  
RT: 14.713 min Scan# 20  
Delta R.T. 0.006 min  
Lab File: BP025989.D  
Acq: 21 Oct 2025 16:57

Instrument :  
BNA\_P  
ClientSampleId :

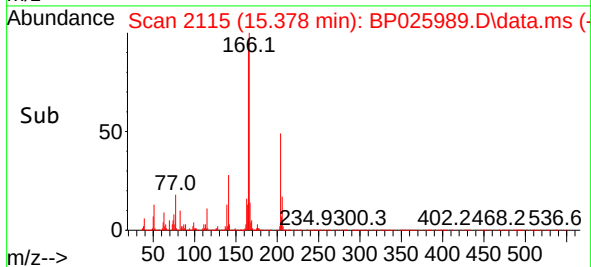
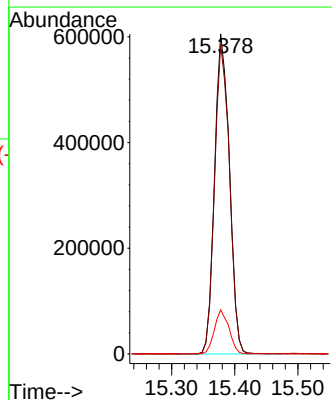
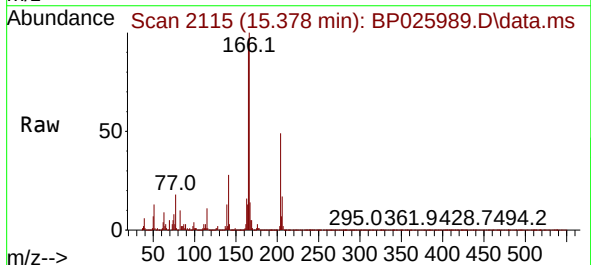


Tgt Ion:165 Resp: 313456  
Ion Ratio Lower Upper  
165 100  
63 59.9 41.8 62.6  
89 75.8 61.6 92.4  
182 3.1 2.4 3.6

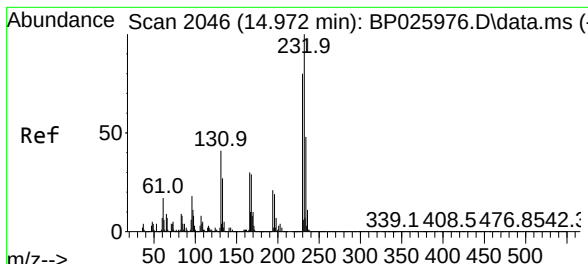


#58  
Fluorene  
Concen: 45.014 ng  
RT: 15.378 min Scan# 2115  
Delta R.T. -0.006 min  
Lab File: BP025989.D  
Acq: 21 Oct 2025 16:57

Tgt Ion:166 Resp: 988904  
Ion Ratio Lower Upper  
166 100  
165 96.9 78.2 117.2  
167 13.8 10.8 16.2



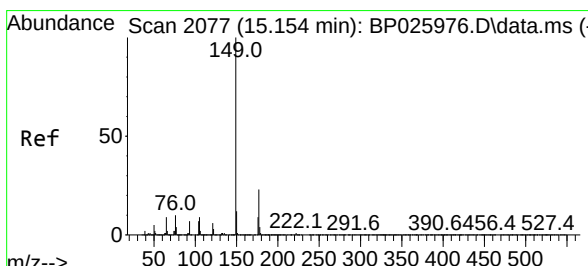
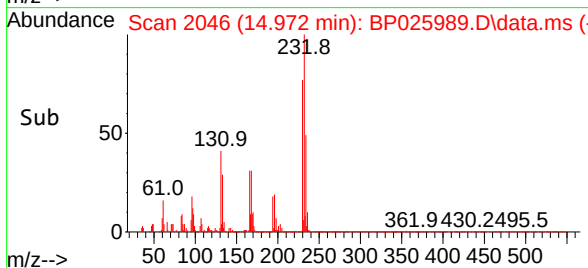
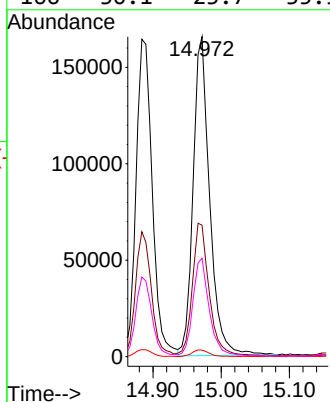
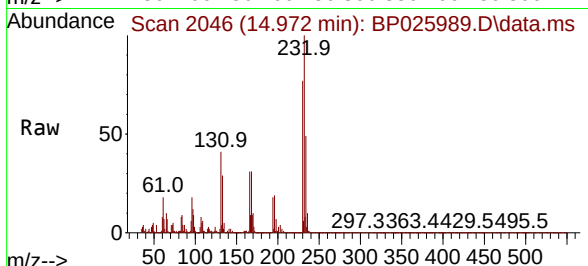




#59  
2,3,4,6-Tetrachlorophenol  
Concen: 44.323 ng  
RT: 14.972 min Scan# 2046  
Delta R.T. -0.000 min  
Lab File: BP025989.D  
Acq: 21 Oct 2025 16:57

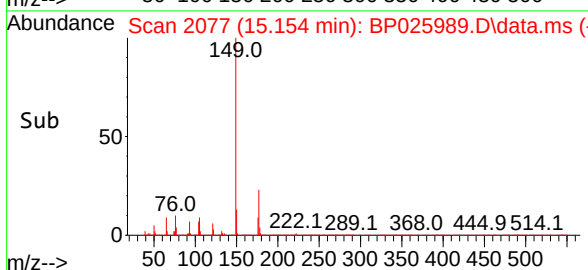
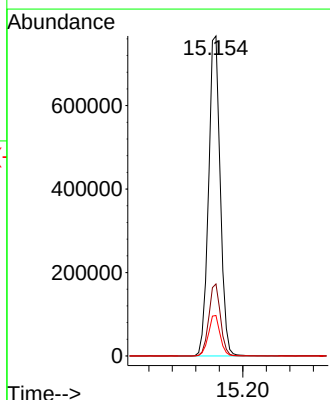
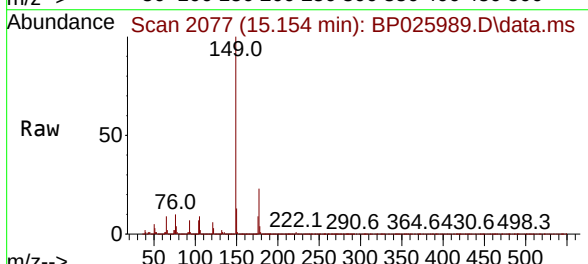
Instrument :  
BNA\_P  
ClientSampleId :

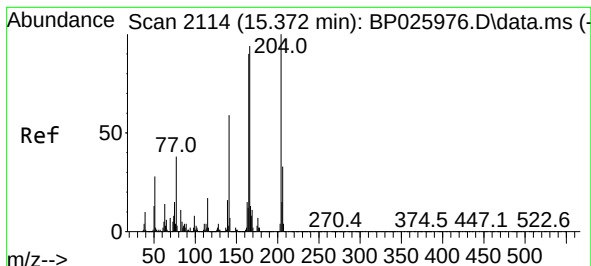
|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 232   | Resp: | 277147 |
| Ion      | Ratio | Lower | Upper  |
| 232      | 100   |       |        |
| 131      | 42.2  | 33.8  | 50.8   |
| 130      | 2.2   | 1.8   | 2.8    |
| 166      | 30.1  | 23.7  | 35.5   |



#60  
Diethylphthalate  
Concen: 45.683 ng  
RT: 15.154 min Scan# 2077  
Delta R.T. 0.000 min  
Lab File: BP025989.D  
Acq: 21 Oct 2025 16:57

|          |       |       |         |
|----------|-------|-------|---------|
| Tgt Ion: | 149   | Resp: | 1054102 |
| Ion      | Ratio | Lower | Upper   |
| 149      | 100   |       |         |
| 177      | 22.5  | 18.2  | 27.2    |
| 150      | 12.6  | 9.8   | 14.6    |

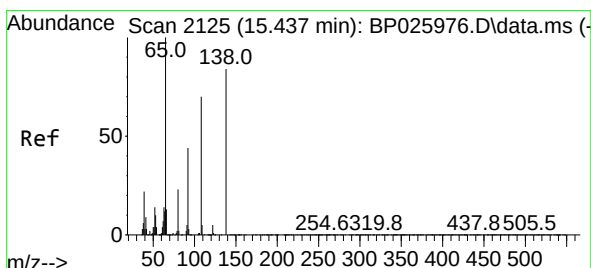
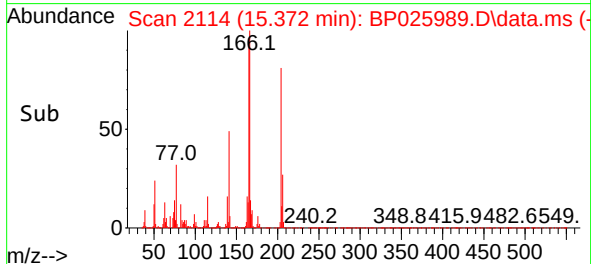
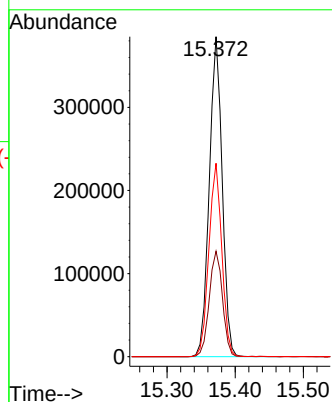
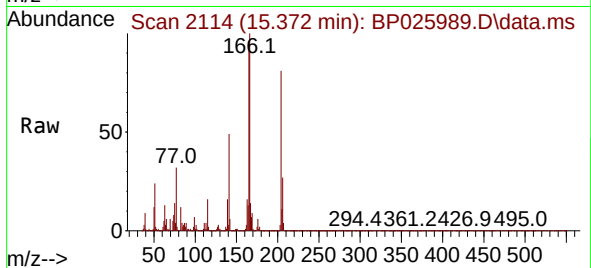




#61  
4-Chlorophenyl-phenylether  
Concen: 43.963 ng  
RT: 15.372 min Scan# 2114  
Delta R.T. 0.000 min  
Lab File: BP025989.D  
Acq: 21 Oct 2025 16:57

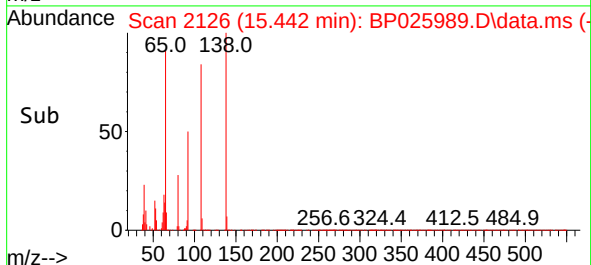
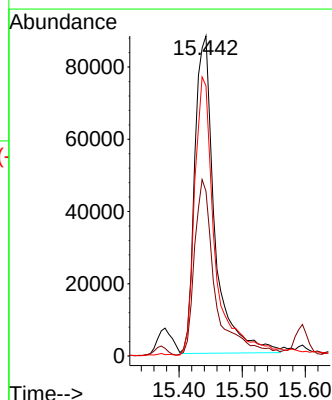
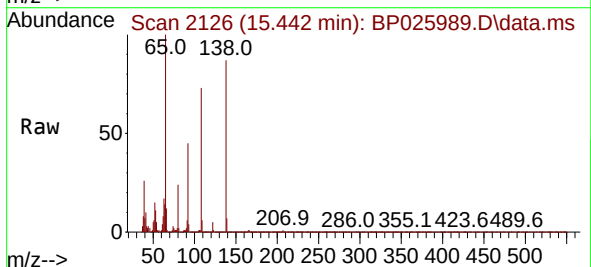
Instrument :  
BNA\_P  
ClientSampleId :

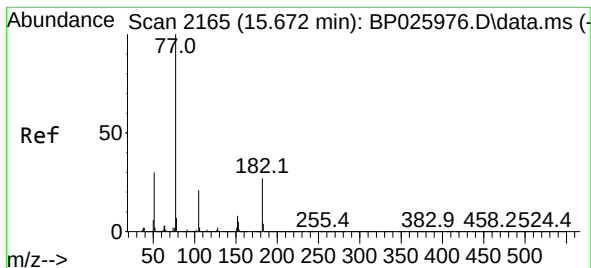
Tgt Ion:204 Resp: 507868  
Ion Ratio Lower Upper  
204 100  
206 32.9 26.5 39.7  
141 60.4 47.2 70.8



#62  
4-Nitroaniline  
Concen: 41.480 ng  
RT: 15.442 min Scan# 2126  
Delta R.T. 0.006 min  
Lab File: BP025989.D  
Acq: 21 Oct 2025 16:57

Tgt Ion:138 Resp: 193437  
Ion Ratio Lower Upper  
138 100  
92 51.5 32.5 72.5  
108 84.4 62.7 102.7





#63

Azobenzene

Concen: 45.558 ng

RT: 15.672 min Scan# 2165

Delta R.T. 0.000 min

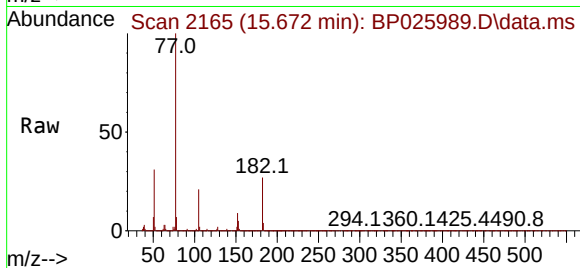
Lab File: BP025989.D

Acq: 21 Oct 2025 16:57

Instrument :

BNA\_P

ClientSampleId :



Tgt Ion: 77 Resp: 979824

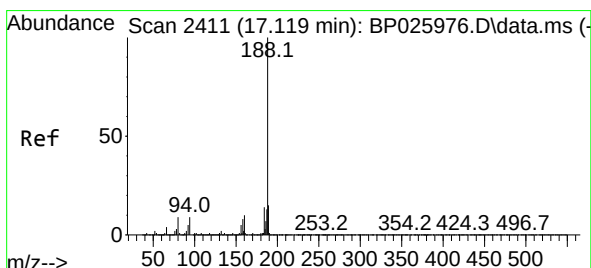
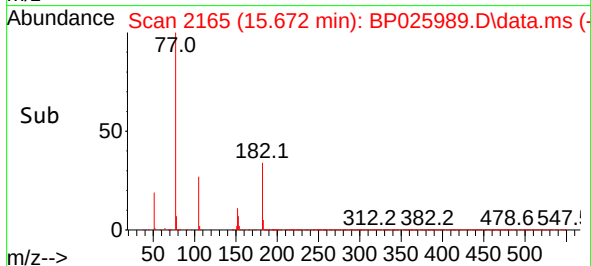
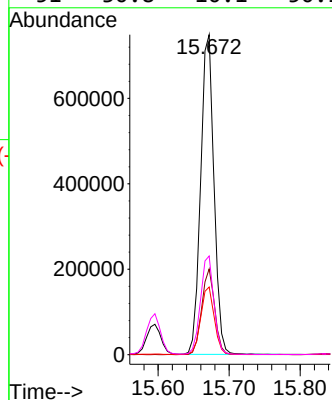
Ion Ratio Lower Upper

77 100

182 26.8 6.6 46.6

105 21.1 1.3 41.3

51 30.8 10.1 50.1



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.119 min Scan# 2411

Delta R.T. 0.000 min

Lab File: BP025989.D

Acq: 21 Oct 2025 16:57

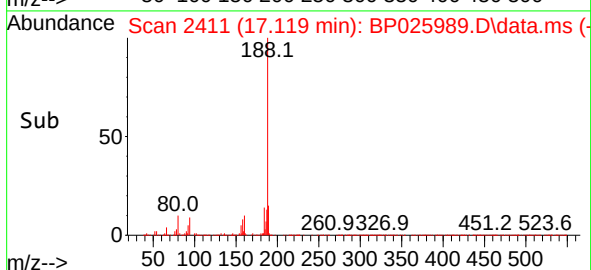
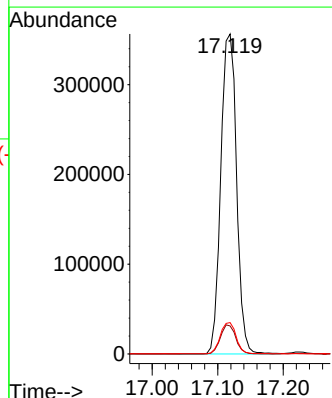
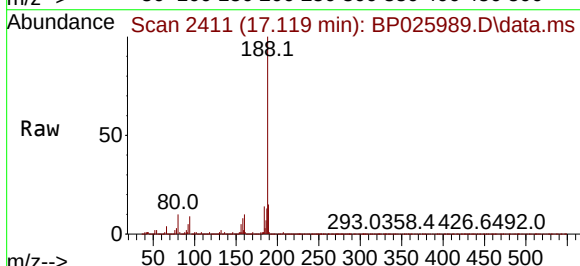
Tgt Ion: 188 Resp: 591802

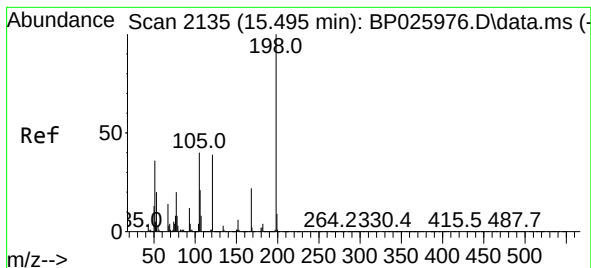
Ion Ratio Lower Upper

188 100

94 8.8 6.8 10.2

80 9.8 7.2 10.8

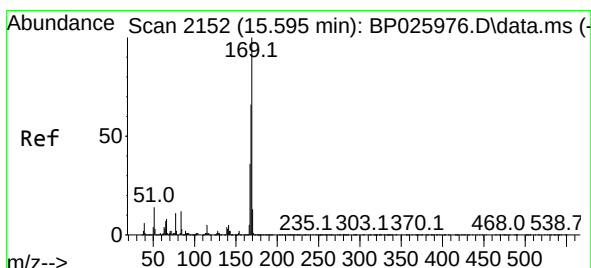
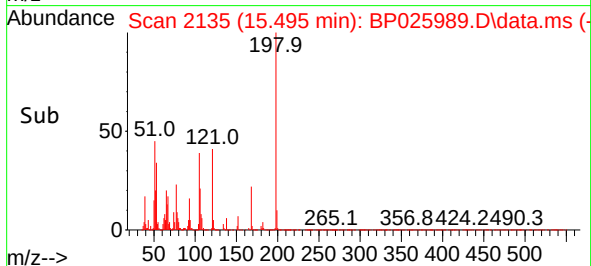
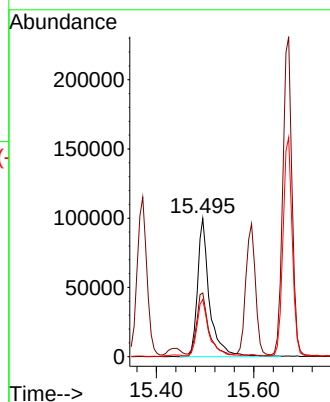
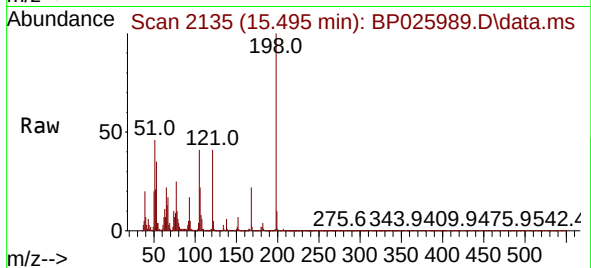




#65  
4,6-Dinitro-2-methylphenol  
Concen: 39.885 ng  
RT: 15.495 min Scan# 2135  
Delta R.T. -0.000 min  
Lab File: BP025989.D  
Acq: 21 Oct 2025 16:57

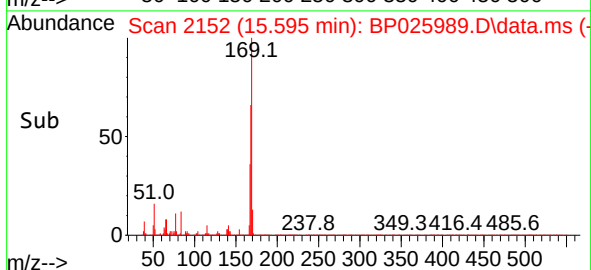
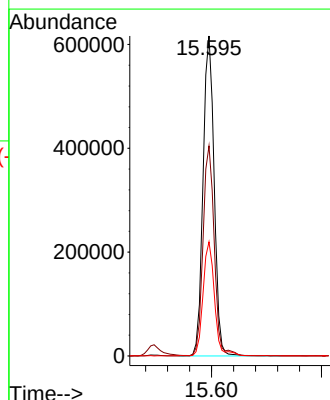
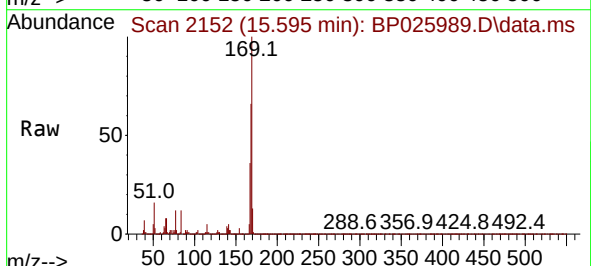
Instrument :  
BNA\_P  
ClientSampleId :

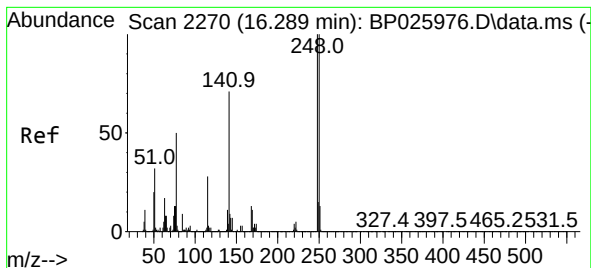
Tgt Ion:198 Resp: 170597  
Ion Ratio Lower Upper  
198 100  
51 46.0 22.1 62.1  
105 41.3 20.8 60.8



#66  
n-Nitrosodiphenylamine  
Concen: 45.241 ng  
RT: 15.595 min Scan# 2152  
Delta R.T. 0.000 min  
Lab File: BP025989.D  
Acq: 21 Oct 2025 16:57

Tgt Ion:169 Resp: 861396  
Ion Ratio Lower Upper  
169 100  
168 65.7 53.2 79.8  
167 35.7 28.6 42.8

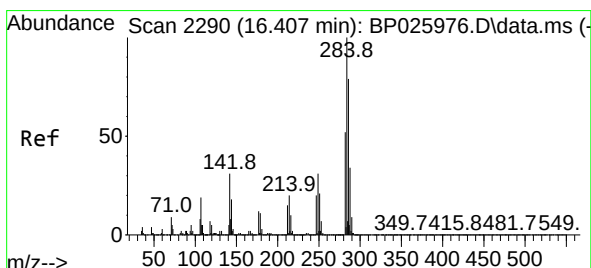
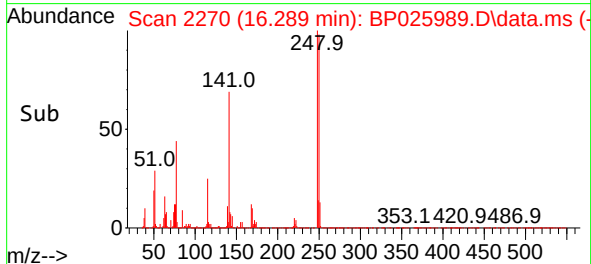
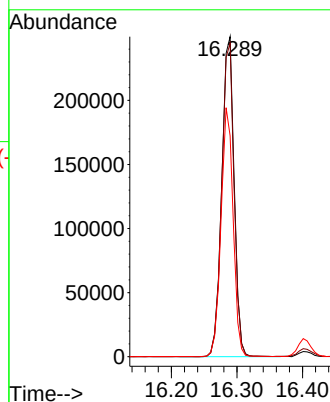
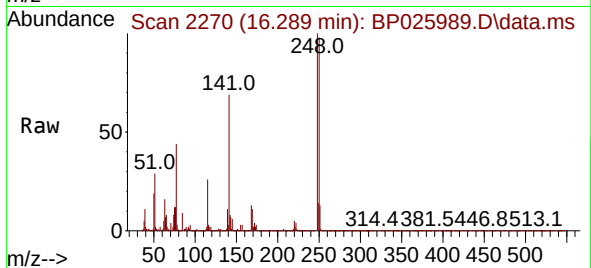




#67  
4-Bromophenyl-phenylether  
Concen: 44.528 ng  
RT: 16.289 min Scan# 211  
Delta R.T. 0.000 min  
Lab File: BP025989.D  
Acq: 21 Oct 2025 16:57

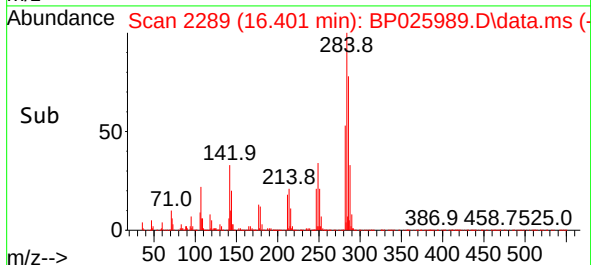
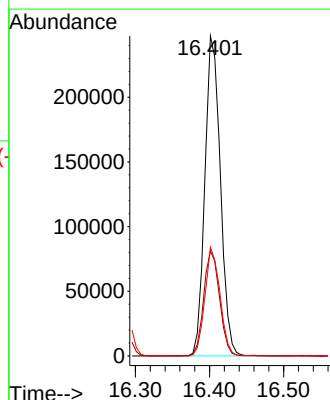
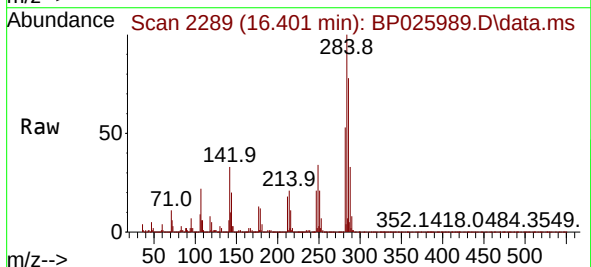
Instrument :  
BNA\_P  
ClientSampleId :

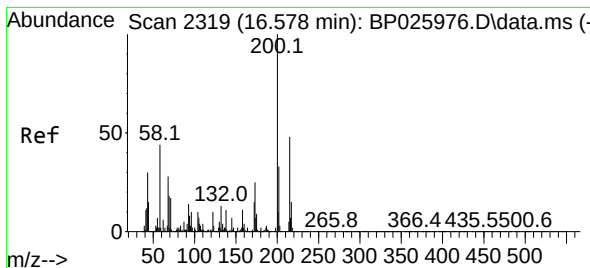
Tgt Ion:248 Resp: 325252  
Ion Ratio Lower Upper  
248 100  
250 98.0 79.8 119.6  
141 69.0 57.0 85.4



#68  
Hexachlorobenzene  
Concen: 43.937 ng  
RT: 16.401 min Scan# 2289  
Delta R.T. -0.006 min  
Lab File: BP025989.D  
Acq: 21 Oct 2025 16:57

Tgt Ion:284 Resp: 360036  
Ion Ratio Lower Upper  
284 100  
142 32.8 24.9 37.3  
249 34.0 25.1 37.7





#69

Atrazine

Concen: 48.699 ng

RT: 16.578 min Scan# 21

Delta R.T. 0.000 min

Lab File: BP025989.D

Acq: 21 Oct 2025 16:57

Instrument :

BNA\_P

ClientSampleId :

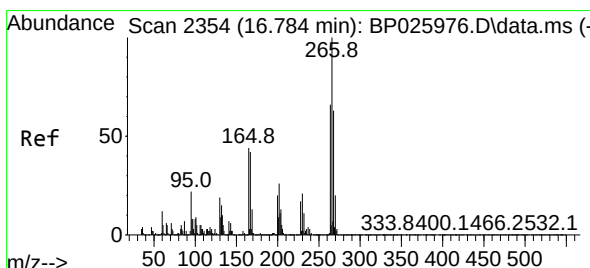
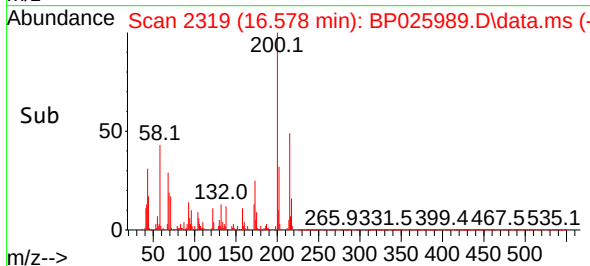
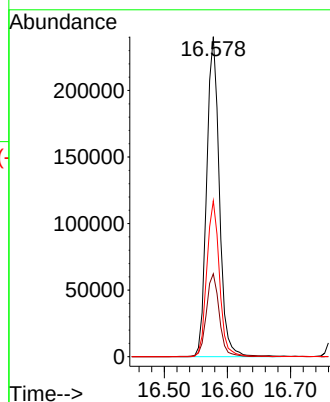
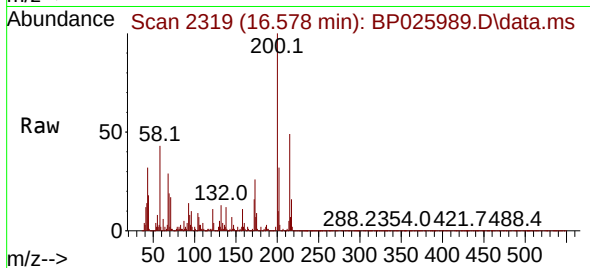
Tgt Ion:200 Resp: 334511

Ion Ratio Lower Upper

200 100

173 25.9 5.3 45.3

215 48.7 28.2 68.2



#70

Pentachlorophenol

Concen: 98.894 ng

RT: 16.778 min Scan# 2353

Delta R.T. -0.006 min

Lab File: BP025989.D

Acq: 21 Oct 2025 16:57

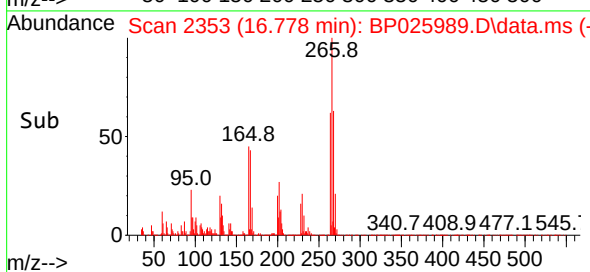
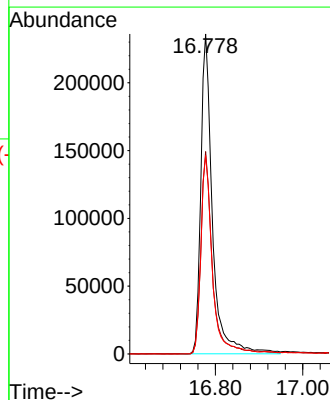
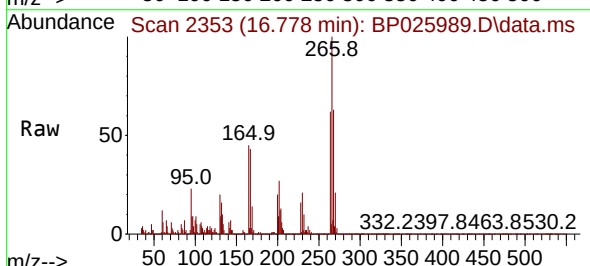
Tgt Ion:266 Resp: 437502

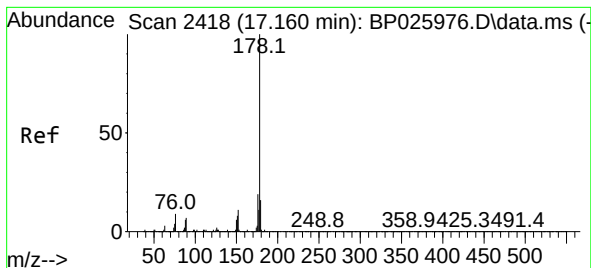
Ion Ratio Lower Upper

266 100

268 63.3 50.5 75.7

264 62.0 52.9 79.3





#71

Phenanthrene

Concen: 45.833 ng

RT: 17.160 min Scan# 2418

Delta R.T. -0.000 min

Lab File: BP025989.D

Acq: 21 Oct 2025 16:57

Instrument :

BNA\_P

ClientSampleId :

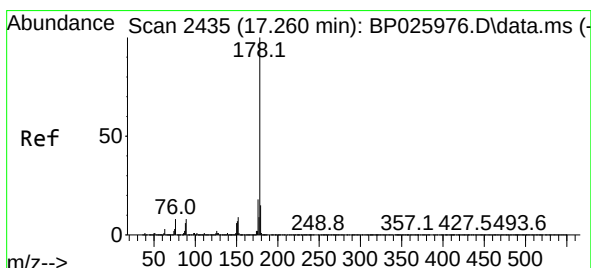
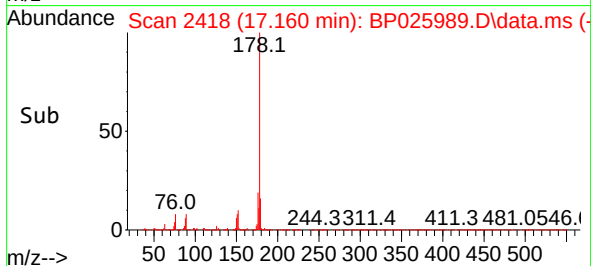
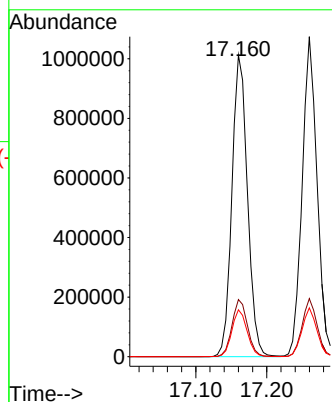
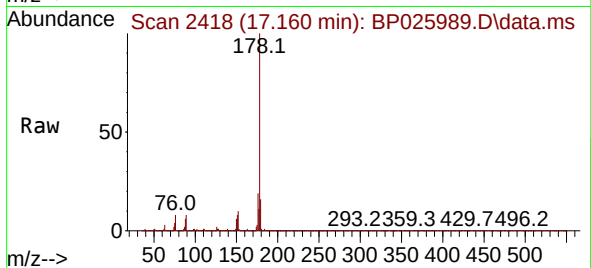
Tgt Ion:178 Resp: 1537320

Ion Ratio Lower Upper

178 100

176 19.0 15.2 22.8

179 15.5 12.7 19.1



#72

Anthracene

Concen: 45.910 ng

RT: 17.260 min Scan# 2435

Delta R.T. 0.000 min

Lab File: BP025989.D

Acq: 21 Oct 2025 16:57

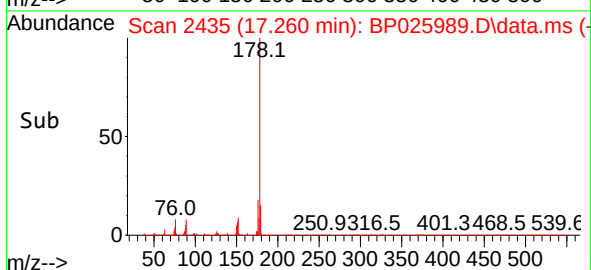
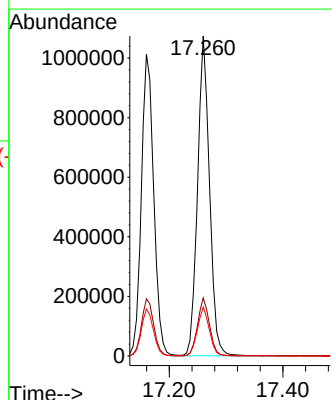
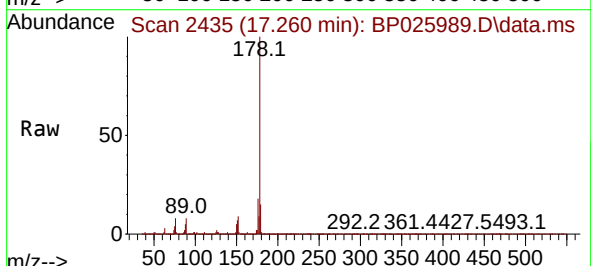
Tgt Ion:178 Resp: 1572976

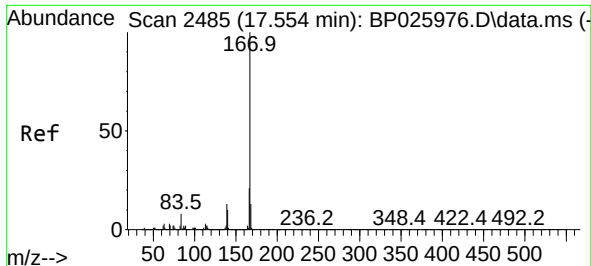
Ion Ratio Lower Upper

178 100

176 18.2 14.8 22.2

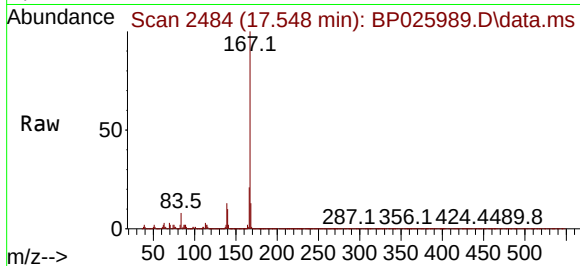
179 15.2 12.3 18.5





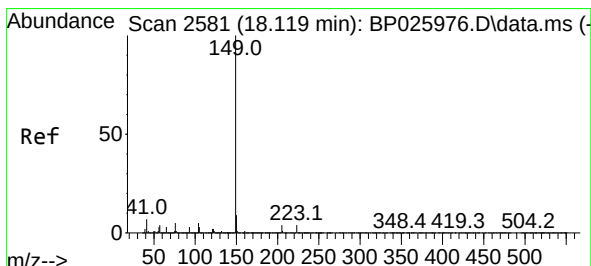
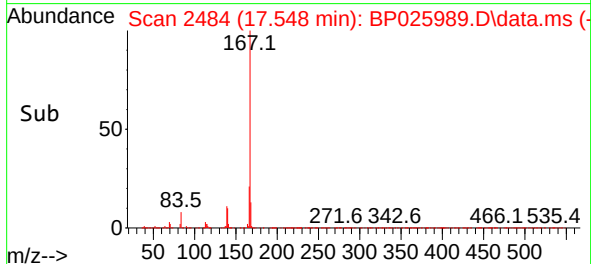
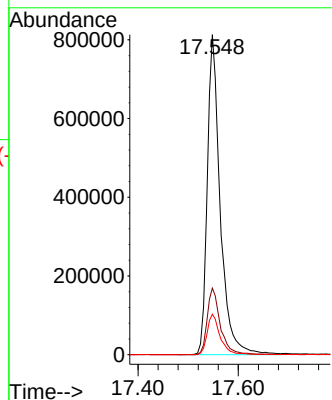
#73  
 Carbazole  
 Concen: 48.205 ng  
 RT: 17.548 min Scan# 2485  
 Delta R.T. -0.006 min  
 Lab File: BP025989.D  
 Acq: 21 Oct 2025 16:57

Instrument :  
 BNA\_P  
 ClientSampleId :



Tgt Ion:167 Resp: 1455949

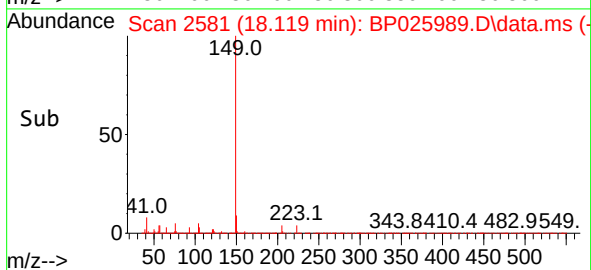
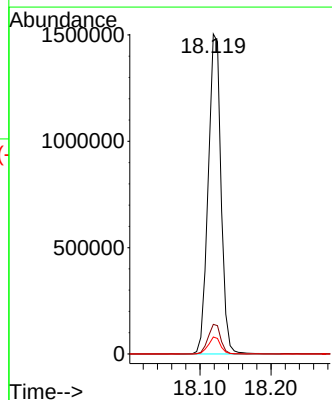
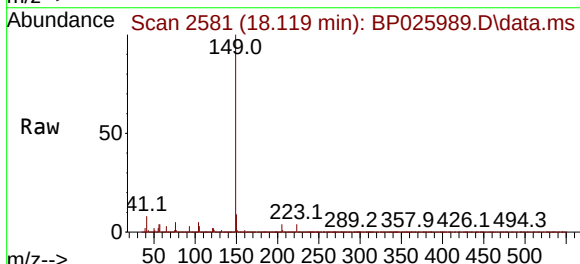
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 167 | 100   |       |       |
| 166 | 20.8  | 16.7  | 25.1  |
| 139 | 12.7  | 10.2  | 15.2  |



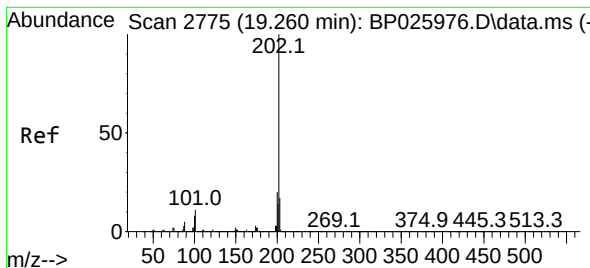
#74  
 Di-n-butylphthalate  
 Concen: 50.712 ng  
 RT: 18.119 min Scan# 2581  
 Delta R.T. 0.000 min  
 Lab File: BP025989.D  
 Acq: 21 Oct 2025 16:57

Tgt Ion:149 Resp: 1884969

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 149 | 100   |       |       |
| 150 | 9.3   | 7.3   | 10.9  |
| 104 | 5.3   | 4.1   | 6.1   |







#75

Fluoranthene

Concen: 49.562 ng

RT: 19.260 min Scan# 21

Delta R.T. 0.000 min

Lab File: BP025989.D

Acq: 21 Oct 2025 16:57

Instrument :

BNA\_P

ClientSampleId :

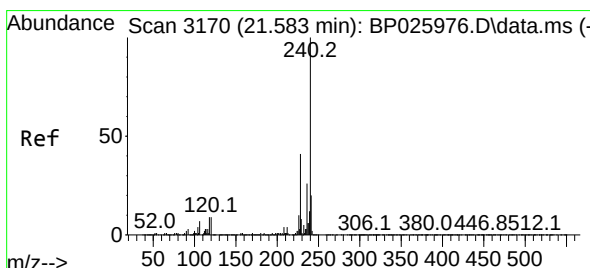
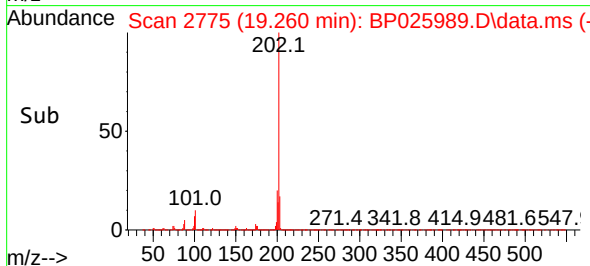
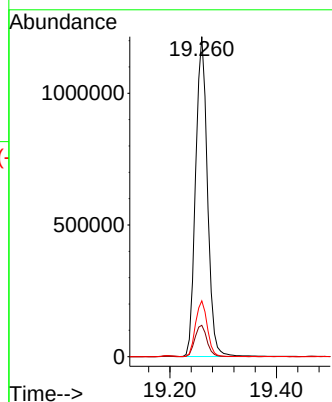
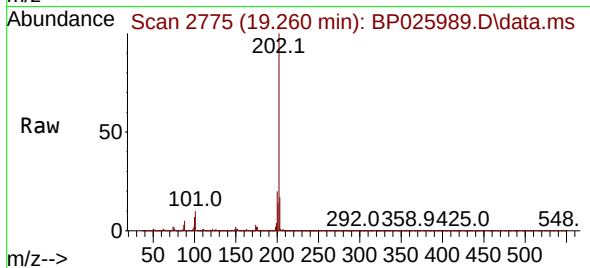
Tgt Ion:202 Resp: 1875170

Ion Ratio Lower Upper

202 100

101 9.8 0.0 30.5

203 17.4 0.0 37.1



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.577 min Scan# 3169

Delta R.T. -0.006 min

Lab File: BP025989.D

Acq: 21 Oct 2025 16:57

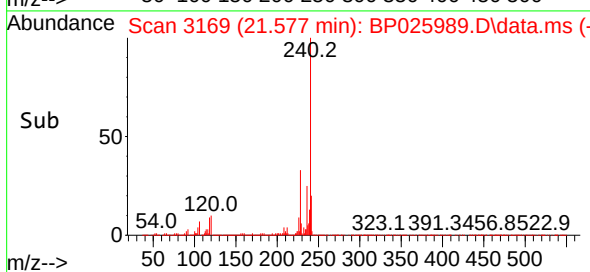
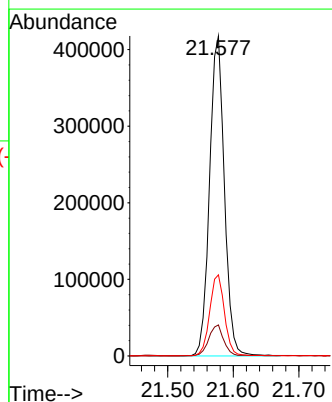
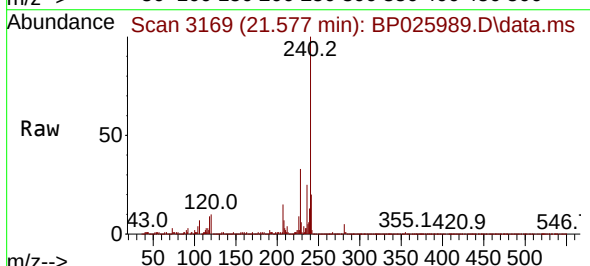
Tgt Ion:240 Resp: 656925

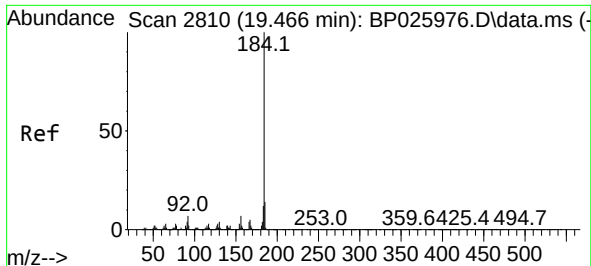
Ion Ratio Lower Upper

240 100

120 9.7 7.4 11.0

236 25.3 20.4 30.6

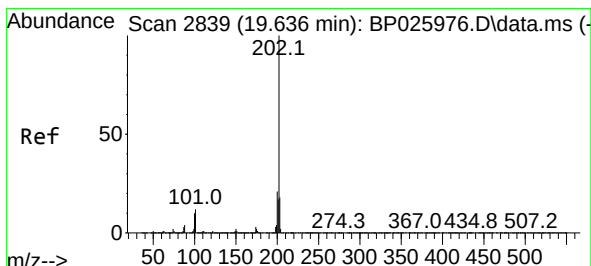
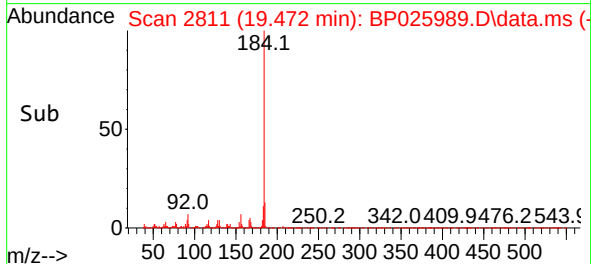
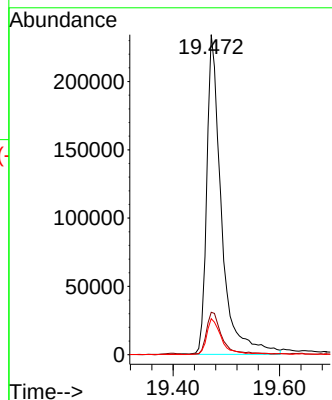
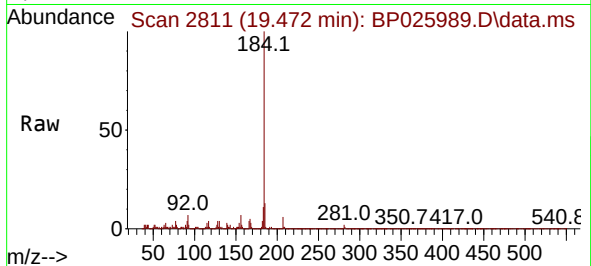




#77  
Benzidine  
Concen: 21.259 ng  
RT: 19.472 min Scan# 2811  
Delta R.T. 0.006 min  
Lab File: BP025989.D  
Acq: 21 Oct 2025 16:57

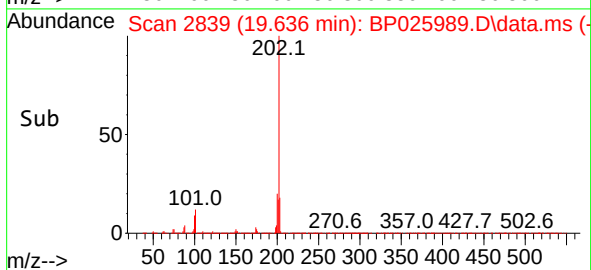
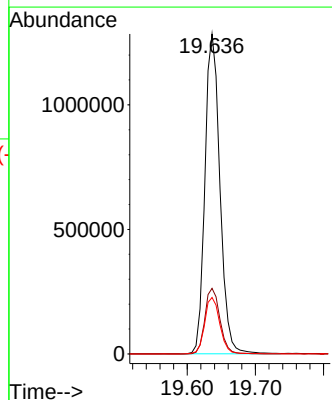
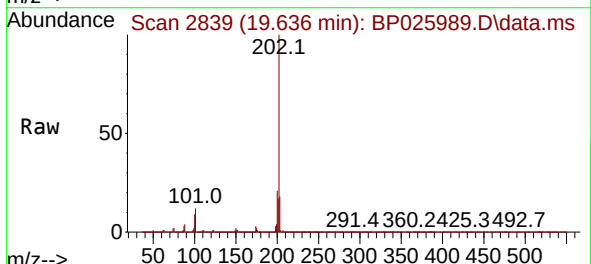
Instrument :  
BNA\_P  
ClientSampleId :

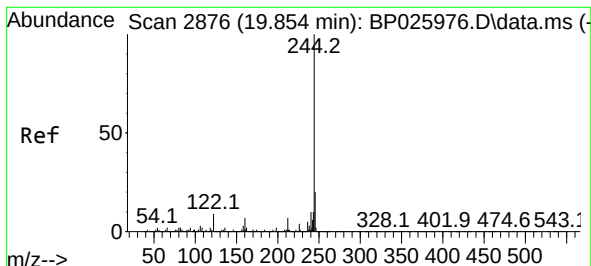
Tgt Ion:184 Resp: 447484  
Ion Ratio Lower Upper  
184 100  
185 13.3 11.4 17.0  
183 11.3 9.4 14.2



#78  
Pyrene  
Concen: 40.556 ng  
RT: 19.636 min Scan# 2839  
Delta R.T. 0.000 min  
Lab File: BP025989.D  
Acq: 21 Oct 2025 16:57

Tgt Ion:202 Resp: 1965009  
Ion Ratio Lower Upper  
202 100  
200 20.5 16.6 25.0  
203 17.7 14.1 21.1





#79

Terphenyl-d14

Concen: 65.964 ng

RT: 19.848 min Scan# 21

Delta R.T. -0.006 min

Lab File: BP025989.D

Acq: 21 Oct 2025 16:57

Instrument :

BNA\_P

ClientSampleId :

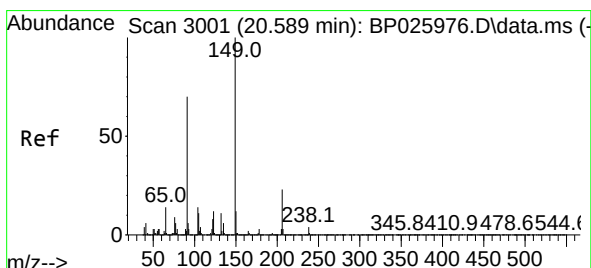
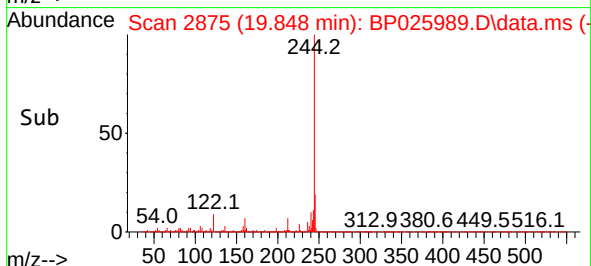
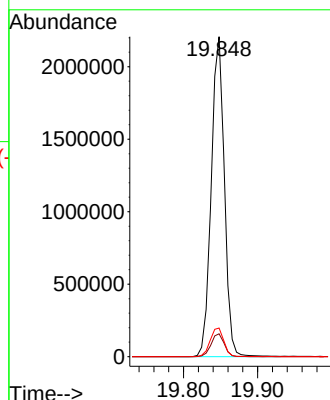
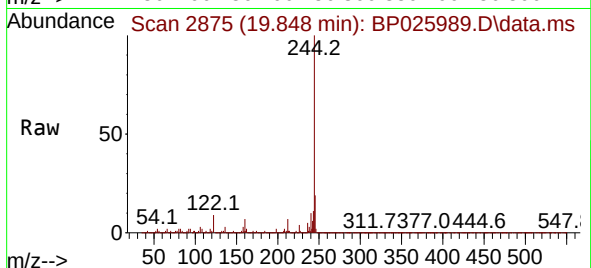
Tgt Ion:244 Resp: 2711415

Ion Ratio Lower Upper

244 100

212 7.2 5.7 8.5

122 9.0 7.1 10.7



#80

Butylbenzylphthalate

Concen: 46.440 ng

RT: 20.577 min Scan# 2999

Delta R.T. -0.012 min

Lab File: BP025989.D

Acq: 21 Oct 2025 16:57

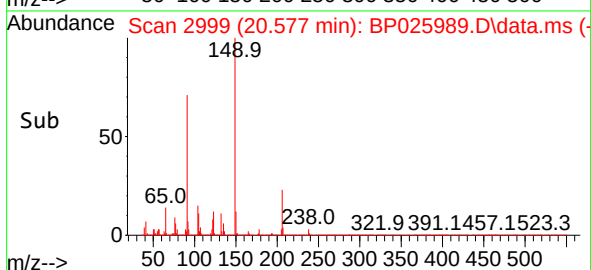
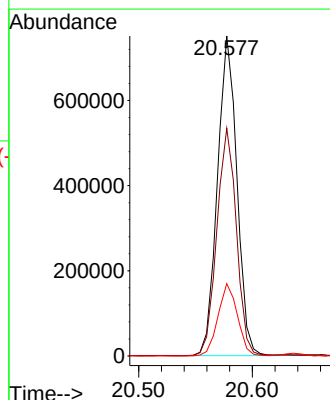
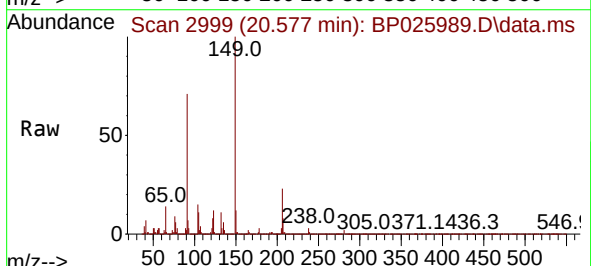
Tgt Ion:149 Resp: 895413

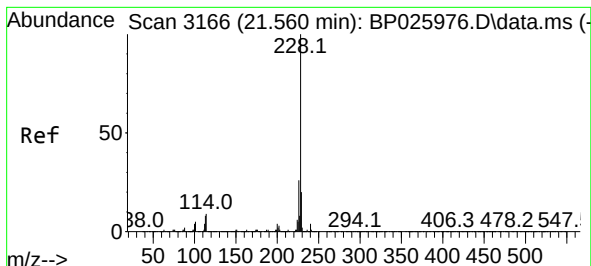
Ion Ratio Lower Upper

149 100

91 71.1 56.0 84.0

206 22.6 18.6 27.8





#81

Benzo(a)anthracene

Concen: 46.706 ng

RT: 21.554 min Scan# 3165

Delta R.T. -0.006 min

Lab File: BP025989.D

Acq: 21 Oct 2025 16:57

Instrument :

BNA\_P

ClientSampleId :

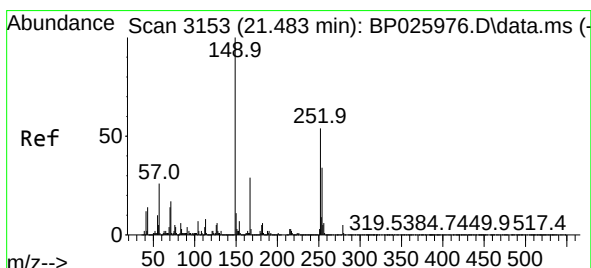
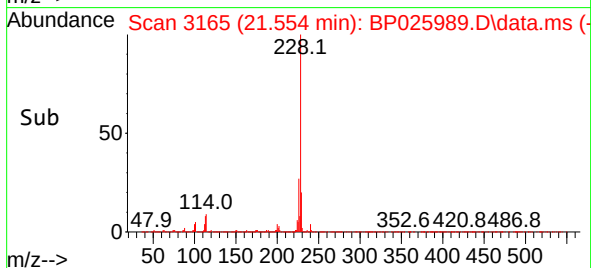
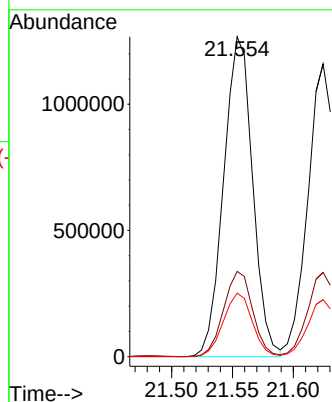
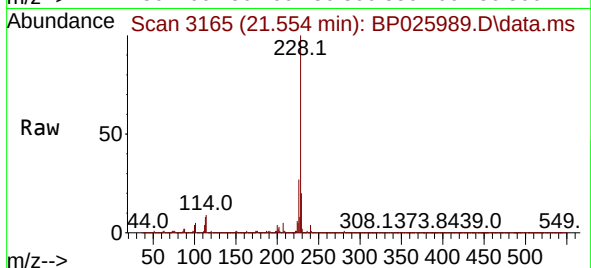
Tgt Ion:228 Resp: 2098499

Ion Ratio Lower Upper

228 100

226 26.7 21.0 31.6

229 19.9 15.7 23.5



#82

3,3'-Dichlorobenzidine

Concen: 22.430 ng

RT: 21.477 min Scan# 3152

Delta R.T. -0.006 min

Lab File: BP025989.D

Acq: 21 Oct 2025 16:57

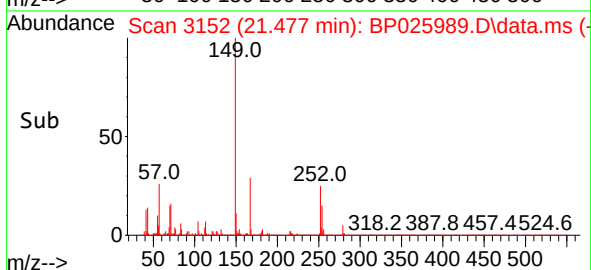
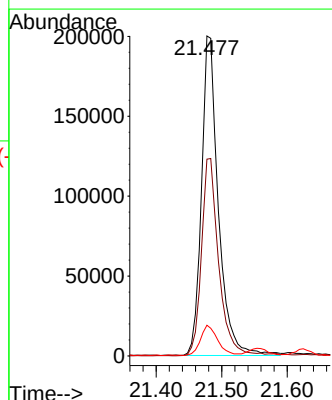
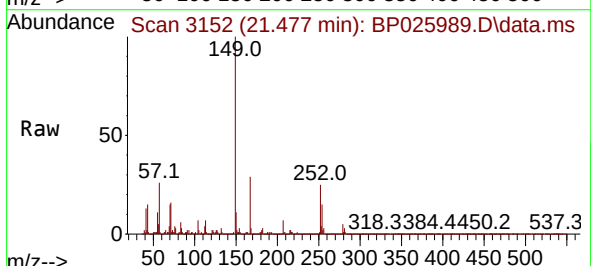
Tgt Ion:252 Resp: 358633

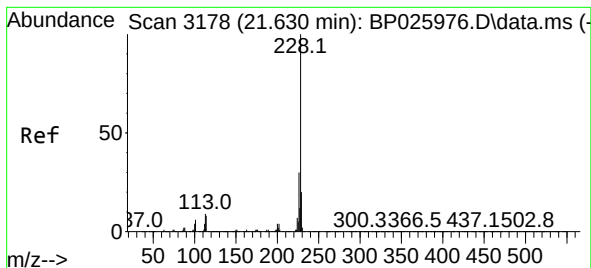
Ion Ratio Lower Upper

252 100

254 61.5 50.6 75.8

126 9.6 8.0 12.0





#83

Chrysene

Concen: 46.197 ng

RT: 21.624 min Scan# 31

Delta R.T. -0.006 min

Lab File: BP025989.D

Acq: 21 Oct 2025 16:57

Instrument :

BNA\_P

ClientSampleId :

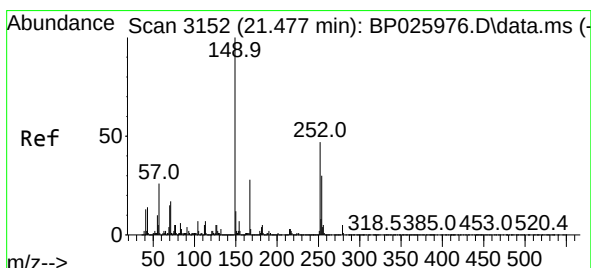
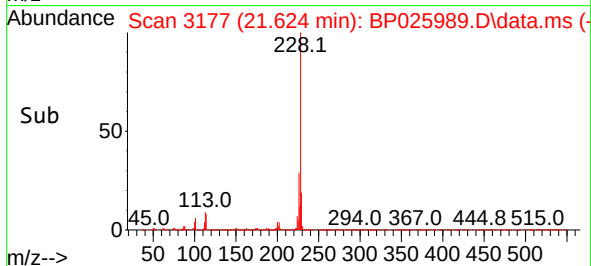
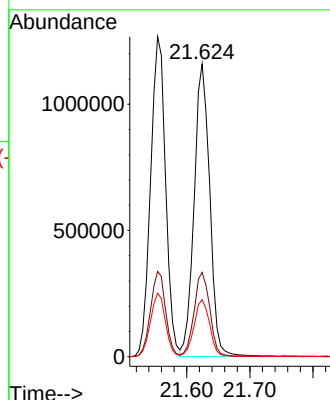
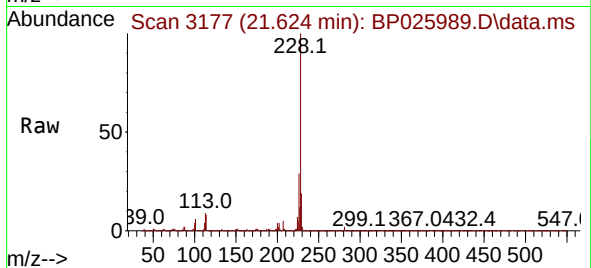
Tgt Ion:228 Resp: 1984605

Ion Ratio Lower Upper

228 100

226 28.8 23.5 35.3

229 19.5 15.6 23.4



#84

Bis(2-ethylhexyl)phthalate

Concen: 50.978 ng

RT: 21.471 min Scan# 3151

Delta R.T. -0.006 min

Lab File: BP025989.D

Acq: 21 Oct 2025 16:57

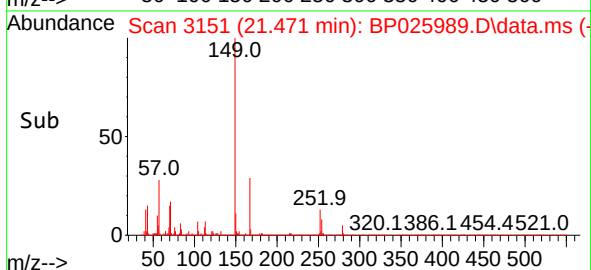
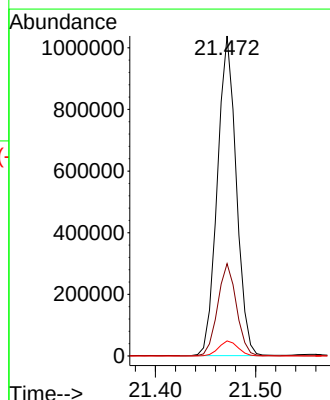
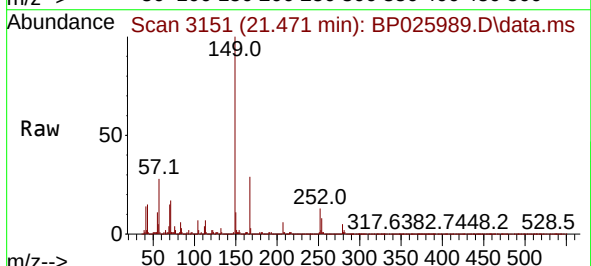
Tgt Ion:149 Resp: 1356956

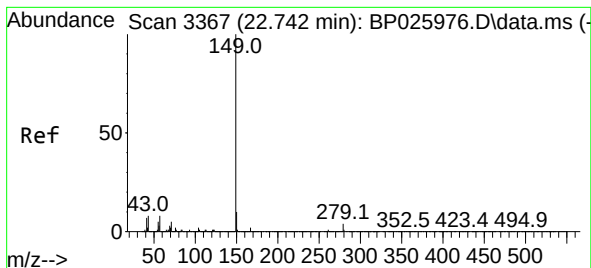
Ion Ratio Lower Upper

149 100

167 28.9 22.8 34.2

279 4.7 3.8 5.8





#85

Di-n-octyl phthalate

Concen: 54.429 ng

RT: 22.736 min Scan# 31

Delta R.T. -0.006 min

Lab File: BP025989.D

Acq: 21 Oct 2025 16:57

Instrument :

BNA\_P

ClientSampleId :

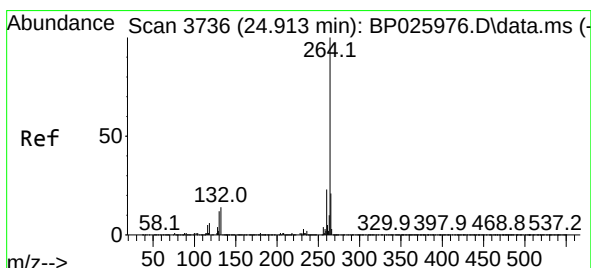
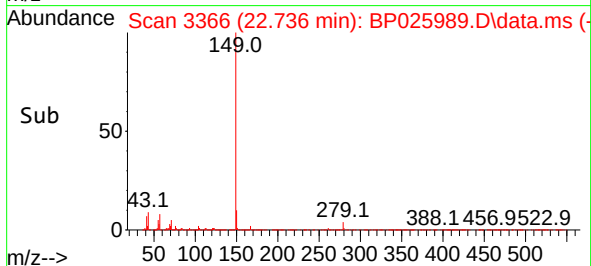
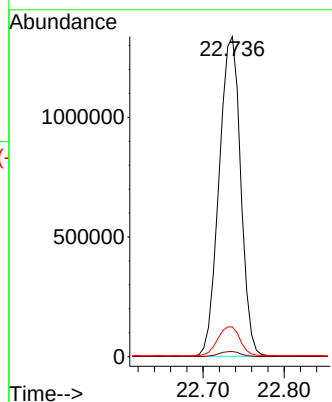
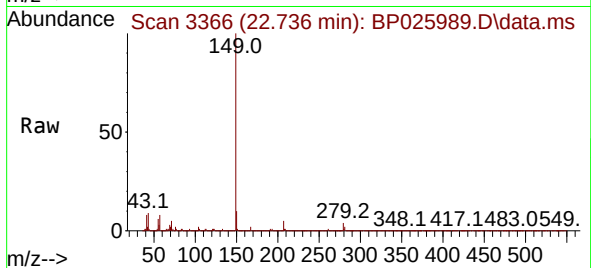
Tgt Ion:149 Resp: 2473836

Ion Ratio Lower Upper

149 100

167 1.6 1.3 1.9

43 9.4 7.2 10.8



#86

Perylene-d12

Concen: 20.000 ng

RT: 24.924 min Scan# 3738

Delta R.T. 0.012 min

Lab File: BP025989.D

Acq: 21 Oct 2025 16:57

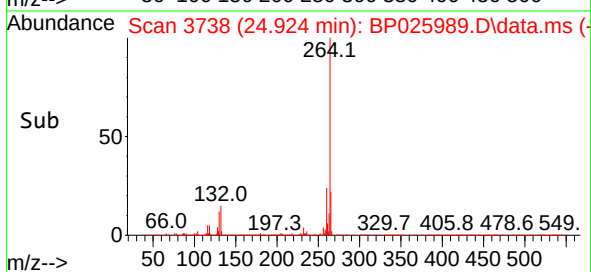
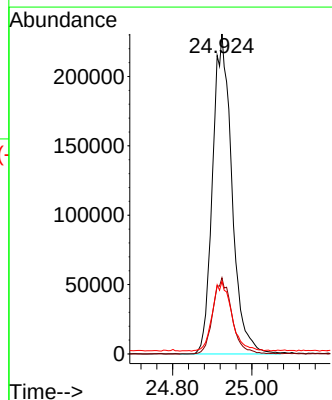
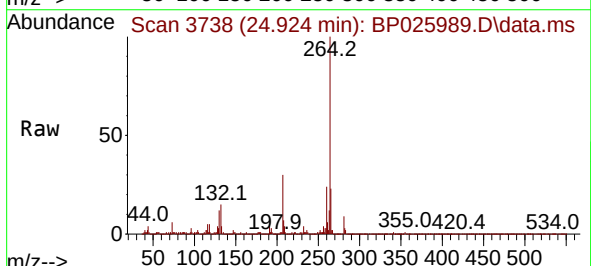
Tgt Ion:264 Resp: 779834

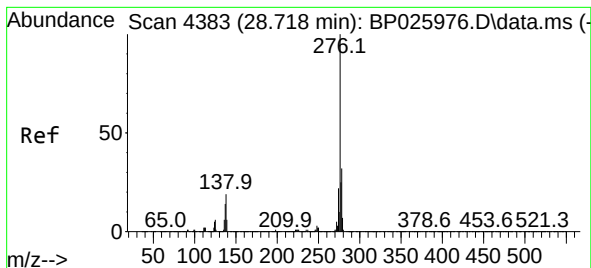
Ion Ratio Lower Upper

264 100

260 23.8 18.4 27.6

265 22.6 17.7 26.5





#87

Indeno(1,2,3-cd)pyrene

Concen: 47.918 ng

RT: 28.730 min Scan# 41

Delta R.T. 0.012 min

Lab File: BP025989.D

Acq: 21 Oct 2025 16:57

Instrument :

BNA\_P

ClientSampleId :

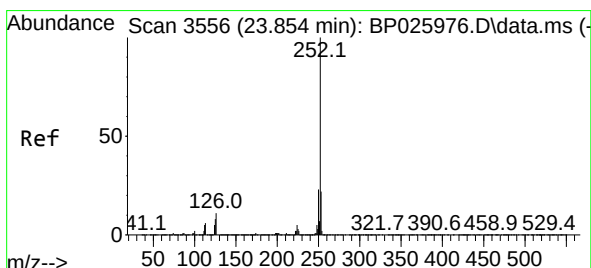
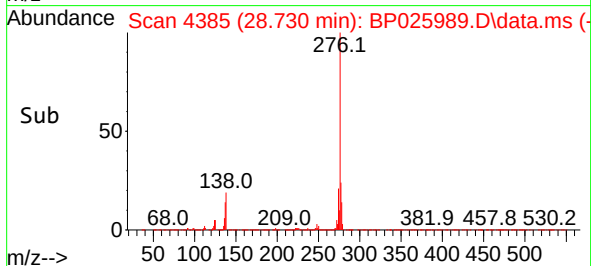
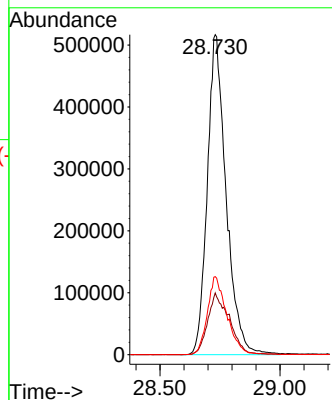
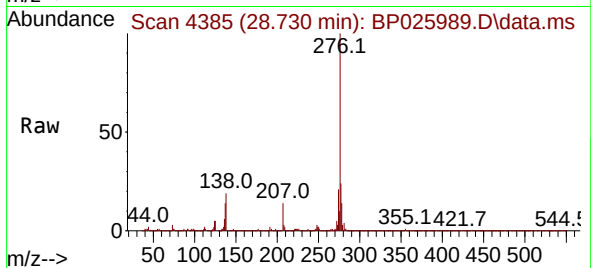
Tgt Ion:276 Resp: 2814901

Ion Ratio Lower Upper

276 100

138 22.1 17.4 26.0

277 25.4 20.3 30.5



#88

Benzo(b)fluoranthene

Concen: 44.857 ng

RT: 23.848 min Scan# 3555

Delta R.T. -0.006 min

Lab File: BP025989.D

Acq: 21 Oct 2025 16:57

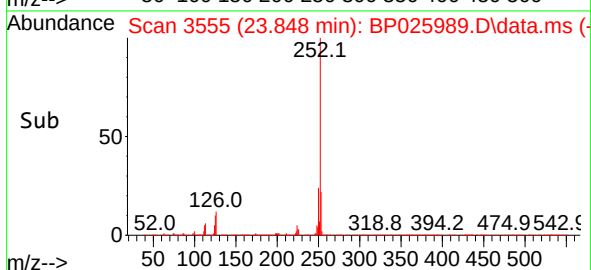
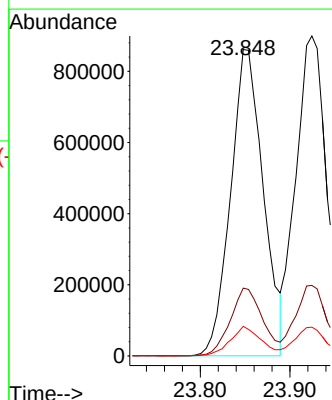
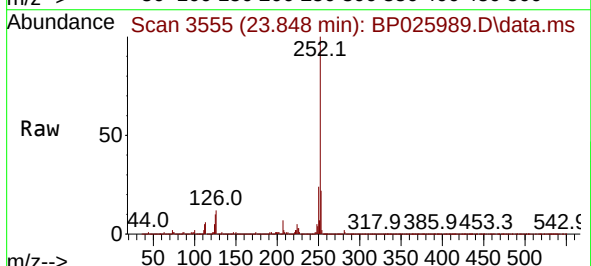
Tgt Ion:252 Resp: 2178623

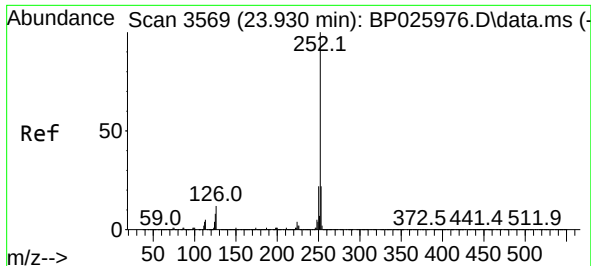
Ion Ratio Lower Upper

252 100

253 22.1 17.8 26.6

125 9.7 6.8 10.2

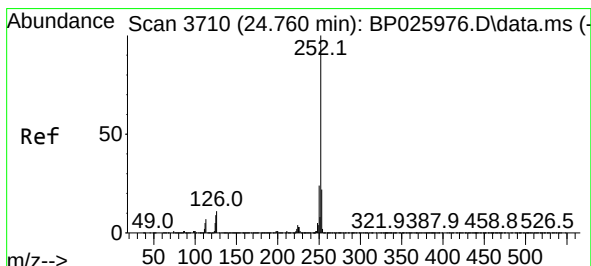
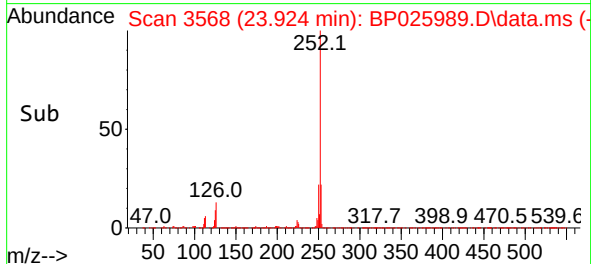
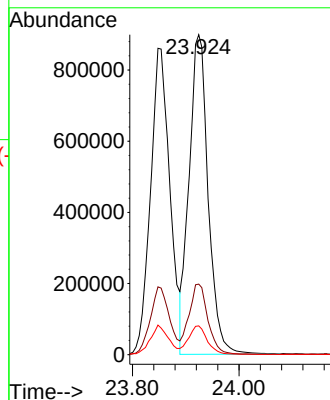
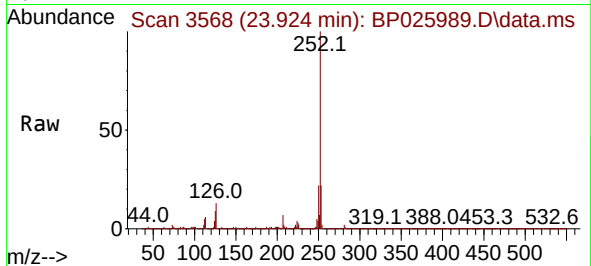




#89  
Benzo(k)fluoranthene  
Concen: 45.364 ng  
RT: 23.924 min Scan# 31  
Delta R.T. -0.006 min  
Lab File: BP025989.D  
Acq: 21 Oct 2025 16:57

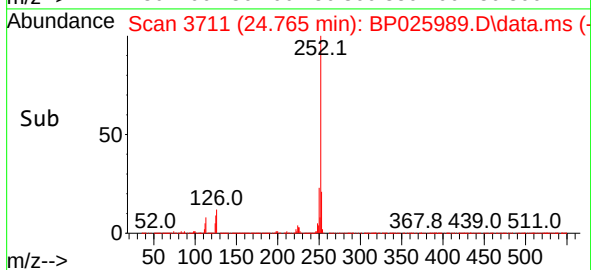
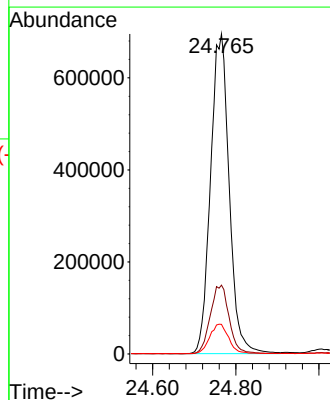
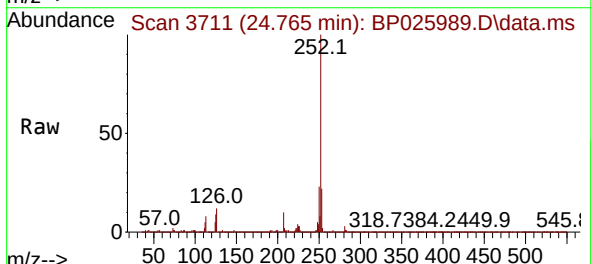
Instrument :  
BNA\_P  
ClientSampleId :

Tgt Ion:252 Resp: 2236003  
Ion Ratio Lower Upper  
252 100  
253 22.1 17.5 26.3  
125 9.0 6.6 10.0

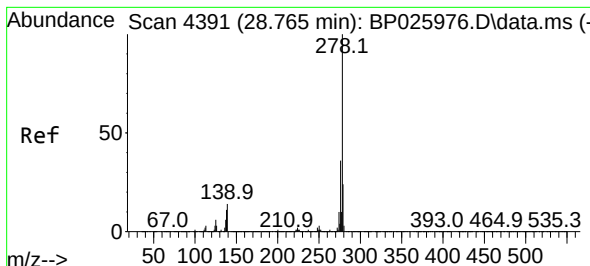


#90  
Benzo(a)pyrene  
Concen: 45.782 ng  
RT: 24.765 min Scan# 3711  
Delta R.T. 0.006 min  
Lab File: BP025989.D  
Acq: 21 Oct 2025 16:57

Tgt Ion:252 Resp: 2160450  
Ion Ratio Lower Upper  
252 100  
253 21.5 17.5 26.3  
125 9.3 7.4 11.2







#91

Dibenzo(a,h)anthracene

Concen: 47.729 ng

RT: 28.789 min Scan# 41

Delta R.T. 0.024 min

Lab File: BP025989.D

Acq: 21 Oct 2025 16:57

Instrument :

BNA\_P

ClientSampleId :

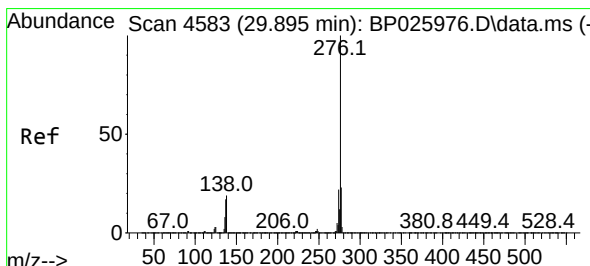
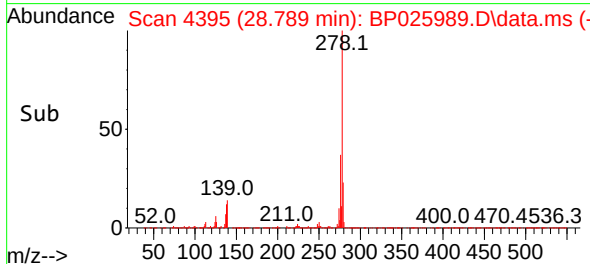
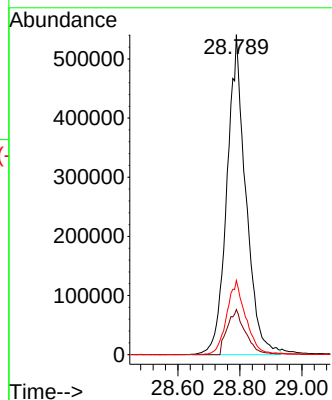
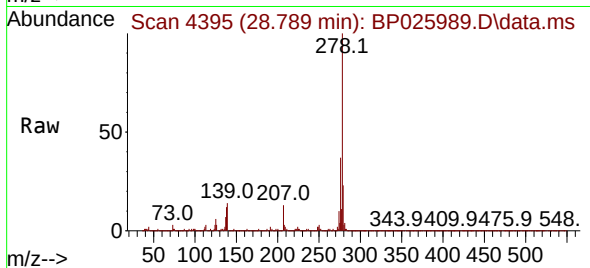
Tgt Ion:278 Resp: 2285619

Ion Ratio Lower Upper

278 100

139 14.1 10.9 16.3

279 23.2 19.5 29.3



#92

Benzo(g,h,i)perylene

Concen: 48.841 ng

RT: 29.918 min Scan# 4587

Delta R.T. 0.024 min

Lab File: BP025989.D

Acq: 21 Oct 2025 16:57

Tgt Ion:276 Resp: 2291593

Ion Ratio Lower Upper

276 100

277 22.3 18.6 28.0

138 19.5 15.5 23.3

