

Data Path : Z:\svoasrv\HPCHEM1\BNA\_P\Data\BP090225\  
 Data File : BP025645.D  
 Acq On : 02 Sep 2025 19:41  
 Operator : CG/JU  
 Sample : Q2995-02MS  
 Misc :  
 ALS Vial : 9 Sample Multiplier: 1

Instrument :  
 BNA\_P  
 ClientSampleId :  
 RT5427MS

Quant Time: Sep 03 01:04:02 2025  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_P\Methods\8270E-BP081425.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Thu Aug 14 18:14:31 2025  
 Response via : Initial Calibration

| Compound                  | R.T.   | QIon | Response | Conc   | Units | Dev(Min) |
|---------------------------|--------|------|----------|--------|-------|----------|
| -----                     |        |      |          |        |       |          |
| Internal Standards        |        |      |          |        |       |          |
| 1) 1,4-Dichlorobenzene-d4 | 7.772  | 152  | 153487   | 20.000 | ng    | -0.02    |
| 21) Naphthalene-d8        | 10.543 | 136  | 589126   | 20.000 | ng    | -0.02    |
| 39) Acenaphthene-d10      | 14.378 | 164  | 385093   | 20.000 | ng    | -0.03    |
| 64) Phenanthrene-d10      | 17.172 | 188  | 775826   | 20.000 | ng    | #-0.03   |
| 76) Chrysene-d12          | 21.630 | 240  | 823430   | 20.000 | ng    | -0.02    |
| 86) Perylene-d12          | 24.989 | 264  | 944676   | 20.000 | ng    | -0.04    |

|                             |        |     |         |         |    |       |
|-----------------------------|--------|-----|---------|---------|----|-------|
| System Monitoring Compounds |        |     |         |         |    |       |
| 5) 2-Fluorophenol           | 5.402  | 112 | 1186829 | 128.413 | ng | 0.00  |
| 7) Phenol-d6                | 6.966  | 99  | 1389605 | 117.272 | ng | 0.00  |
| 23) Nitrobenzene-d5         | 8.913  | 82  | 1017367 | 87.357  | ng | -0.02 |
| 42) 2,4,6-Tribromophenol    | 15.889 | 330 | 779420  | 150.369 | ng | -0.02 |
| 45) 2-Fluorobiphenyl        | 12.995 | 172 | 2271385 | 80.611  | ng | -0.02 |
| 79) Terphenyl-d14           | 19.901 | 244 | 3924686 | 87.202  | ng | -0.02 |

|                               |        |     |         |        |        |      |
|-------------------------------|--------|-----|---------|--------|--------|------|
| Target Compounds              |        |     |         |        | Qvalue |      |
| 2) 1,4-Dioxane                | 3.331  | 88  | 137518  | 37.986 | ng     | # 69 |
| 3) Pyridine                   | 3.731  | 79  | 336515  | 33.961 | ng     | 95   |
| 4) n-Nitrosodimethylamine     | 3.631  | 42  | 197440  | 48.332 | ng     | 96   |
| 6) Aniline                    | 7.107  | 93  | 401190  | 25.129 | ng     | 97   |
| 8) 2-Chlorophenol             | 7.349  | 128 | 480900  | 46.109 | ng     | 97   |
| 9) Benzaldehyde               | 6.925  | 77  | 177904  | 21.429 | ng     | 97   |
| 10) Phenol                    | 6.990  | 94  | 520040  | 41.825 | ng     | 97   |
| 11) bis(2-Chloroethyl)ether   | 7.202  | 93  | 433875  | 44.770 | ng     | 99   |
| 12) 1,3-Dichlorobenzene       | 7.660  | 146 | 500472  | 43.518 | ng     | 97   |
| 13) 1,4-Dichlorobenzene       | 7.807  | 146 | 513005  | 43.643 | ng     | 99   |
| 14) 1,2-Dichlorobenzene       | 8.119  | 146 | 488014  | 42.889 | ng     | 98   |
| 15) Benzyl Alcohol            | 8.007  | 79  | 435744  | 46.281 | ng     | 97   |
| 16) 2,2'-oxybis(1-Chloropr... | 8.290  | 45  | 599924  | 46.211 | ng     | 96   |
| 17) 2-Methylphenol            | 8.219  | 107 | 395183  | 45.762 | ng     | 99   |
| 18) Hexachloroethane          | 8.837  | 117 | 189263  | 43.792 | ng     | 98   |
| 19) n-Nitroso-di-n-propyla... | 8.566  | 70  | 346015  | 44.085 | ng     | 96   |
| 20) 3+4-Methylphenols         | 8.543  | 107 | 528801  | 44.177 | ng     | 97   |
| 22) Acetophenone              | 8.584  | 105 | 704999  | 47.719 | ng     | # 97 |
| 24) Nitrobenzene              | 8.954  | 77  | 511768  | 49.169 | ng     | 99   |
| 25) Isophorone                | 9.484  | 82  | 996350  | 48.342 | ng     | 99   |
| 26) 2-Nitrophenol             | 9.660  | 139 | 266060  | 49.809 | ng     | 98   |
| 27) 2,4-Dimethylphenol        | 9.731  | 122 | 459603  | 50.033 | ng     | 95   |
| 28) bis(2-Chloroethoxy)met... | 9.948  | 93  | 592695  | 47.573 | ng     | 99   |
| 29) 2,4-Dichlorophenol        | 10.207 | 162 | 452198  | 49.554 | ng     | 97   |
| 30) 1,2,4-Trichlorobenzene    | 10.407 | 180 | 457926  | 45.777 | ng     | 98   |
| 31) Naphthalene               | 10.590 | 128 | 1416323 | 46.255 | ng     | 99   |
| 32) Benzoic acid              | 9.890  | 122 | 328849  | 48.490 | ng     | 97   |
| 33) 4-Chloroaniline           | 10.707 | 127 | 164388  | 12.154 | ng     | 99   |
| 34) Hexachlorobutadiene       | 10.872 | 225 | 291903  | 46.856 | ng     | 99   |
| 35) Caprolactam               | 11.495 | 113 | 146130  | 43.672 | ng     | 98   |
| 36) 4-Chloro-3-methylphenol   | 11.831 | 107 | 537449  | 51.327 | ng     | 97   |
| 37) 2-Methylnaphthalene       | 12.195 | 142 | 933629  | 46.853 | ng     | 99   |
| 38) 1-Methylnaphthalene       | 12.413 | 142 | 993897  | 46.901 | ng     | 98   |
| 40) 1,2,4,5-Tetrachloroben... | 12.566 | 216 | 540632  | 48.610 | ng     | 99   |
| 41) Hexachlorocyclopentadiene | 12.542 | 237 | 541354  | 80.582 | ng     | 99   |
| 43) 2,4,6-Trichlorophenol     | 12.813 | 196 | 387213  | 51.570 | ng     | 97   |

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 Sample : Q2995-02MS  
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 ALS Vial : 9 Sample Multiplier: 1

Instrument :  
 BNA\_P  
 ClientSampleId :  
 RT5427MS

Quant Time: Sep 03 01:04:02 2025  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_P\Methods\8270E-BP081425.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Thu Aug 14 18:14:31 2025  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc    | Units | Dev(Min) |
|-------------------------------|--------|------|----------|---------|-------|----------|
| 44) 2,4,5-Trichlorophenol     | 12.895 | 196  | 428404   | 52.059  | ng    | 97       |
| 46) 1,1'-Biphenyl             | 13.207 | 154  | 1355481  | 48.466  | ng    | 98       |
| 47) 2-Chloronaphthalene       | 13.248 | 162  | 1052099  | 48.322  | ng    | 99       |
| 48) 2-Nitroaniline            | 13.448 | 65   | 352062   | 55.495  | ng    | 96       |
| 49) Acenaphthylene            | 14.101 | 152  | 1770170  | 49.134  | ng    | 100      |
| 50) Dimethylphthalate         | 13.831 | 163  | 1450476  | 51.436  | ng    | 99       |
| 51) 2,6-Dinitrotoluene        | 13.948 | 165  | 314326   | 52.884  | ng    | 90       |
| 52) Acenaphthene              | 14.442 | 154  | 1022015  | 48.328  | ng    | 98       |
| 53) 3-Nitroaniline            | 14.284 | 138  | 188533   | 28.193  | ng    | 94       |
| 54) 2,4-Dinitrophenol         | 14.501 | 184  | 350315   | 110.366 | ng    | 98       |
| 55) Dibenzofuran              | 14.784 | 168  | 1651907  | 49.408  | ng    | 99       |
| 56) 4-Nitrophenol             | 14.625 | 139  | 487530   | 88.720  | ng    | 93       |
| 57) 2,4-Dinitrotoluene        | 14.748 | 165  | 457260   | 53.921  | ng    | 93       |
| 58) Fluorene                  | 15.436 | 166  | 1316776  | 49.912  | ng    | 98       |
| 59) 2,3,4,6-Tetrachlorophenol | 15.019 | 232  | 377700   | 51.981  | ng    | 98       |
| 60) Diethylphthalate          | 15.213 | 149  | 1502759  | 52.445  | ng    | 99       |
| 61) 4-Chlorophenyl-phenyle... | 15.431 | 204  | 660105   | 50.310  | ng    | 98       |
| 62) 4-Nitroaniline            | 15.460 | 138  | 333189   | 48.601  | ng    | 92       |
| 63) Azobenzene                | 15.731 | 77   | 1308125  | 53.316  | ng    | 99       |
| 65) 4,6-Dinitro-2-methylph... | 15.531 | 198  | 253941   | 52.509  | ng    | 96       |
| 66) n-Nitrosodiphenylamine    | 15.654 | 169  | 1181366  | 49.935  | ng    | 99       |
| 67) 4-Bromophenyl-phenylether | 16.342 | 248  | 428736   | 50.246  | ng    | 98       |
| 68) Hexachlorobenzene         | 16.460 | 284  | 507159   | 51.274  | ng    | 97       |
| 69) Atrazine                  | 16.631 | 200  | 459104   | 51.818  | ng    | 97       |
| 70) Pentachlorophenol         | 16.825 | 266  | 678901   | 108.732 | ng    | 97       |
| 71) Phenanthrene              | 17.219 | 178  | 2140019  | 50.213  | ng    | 100      |
| 72) Anthracene                | 17.313 | 178  | 2179930  | 50.088  | ng    | 100      |
| 73) Carbazole                 | 17.595 | 167  | 2090564  | 50.997  | ng    | 99       |
| 74) Di-n-butylphthalate       | 18.177 | 149  | 2653828  | 52.617  | ng    | 100      |
| 75) Fluoranthene              | 19.307 | 202  | 2552593  | 50.212  | ng    | 99       |
| 77) Benzidine                 | 19.507 | 184  | 477806   | 17.003  | ng    | 99       |
| 78) Pyrene                    | 19.683 | 202  | 2634311  | 49.221  | ng    | 100      |
| 80) Butylbenzylphthalate      | 20.630 | 149  | 1284413  | 52.952  | ng    | 100      |
| 81) Benzo(a)anthracene        | 21.607 | 228  | 2720443  | 50.095  | ng    | 100      |
| 82) 3,3'-Dichlorobenzidine    | 21.524 | 252  | 645505   | 31.536  | ng    | 98       |
| 83) Chrysene                  | 21.677 | 228  | 2540040  | 49.945  | ng    | 99       |
| 84) Bis(2-ethylhexyl)phtha... | 21.542 | 149  | 1880919  | 52.678  | ng    | 99       |
| 85) Di-n-octyl phthalate      | 22.824 | 149  | 3310136  | 53.897  | ng    | 98       |
| 87) Indeno(1,2,3-cd)pyrene    | 28.824 | 276  | 3481133  | 50.248  | ng    | # 88     |
| 88) Benzo(b)fluoranthene      | 23.924 | 252  | 2810941  | 50.461  | ng    | 99       |
| 89) Benzo(k)fluoranthene      | 23.995 | 252  | 2767299  | 49.644  | ng    | 98       |
| 90) Benzo(a)pyrene            | 24.830 | 252  | 2664690  | 49.142  | ng    | 100      |
| 91) Dibenzo(a,h)anthracene    | 28.900 | 278  | 2831306  | 50.010  | ng    | 98       |
| 92) Benzo(g,h,i)perylene      | 30.024 | 276  | 2787174  | 50.082  | ng    | 98       |

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

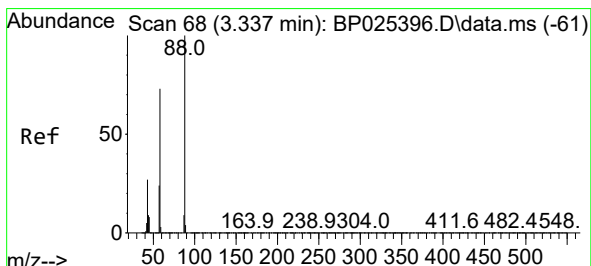
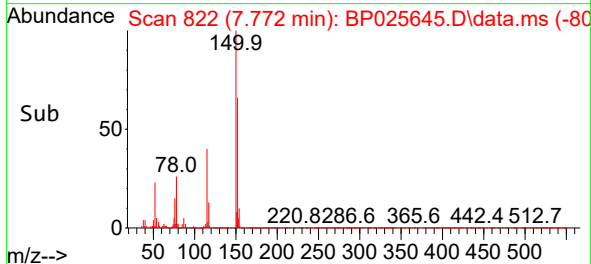
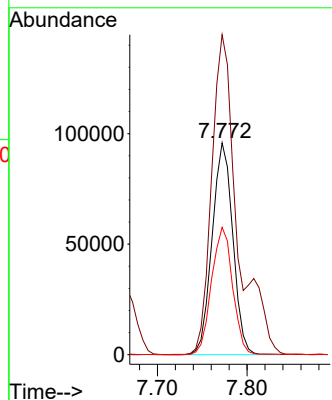
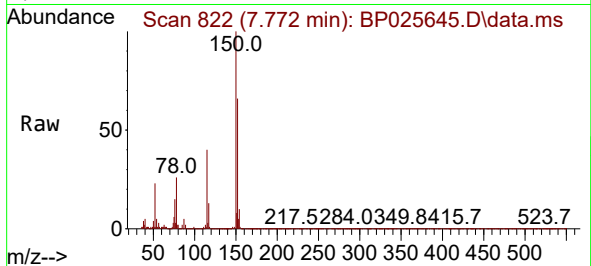




#1  
 1,4-Dichlorobenzene-d4  
 Concen: 20.000 ng  
 RT: 7.772 min Scan# 81  
 Delta R.T. -0.024 min  
 Lab File: BP025645.D  
 Acq: 02 Sep 2025 19:41

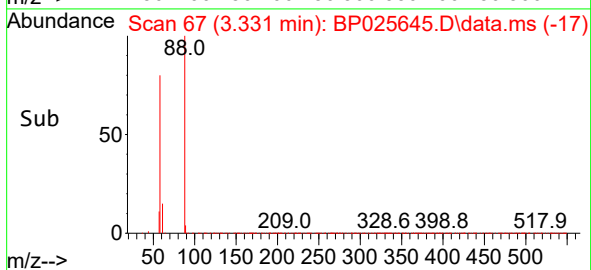
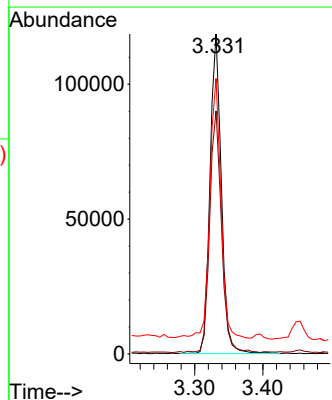
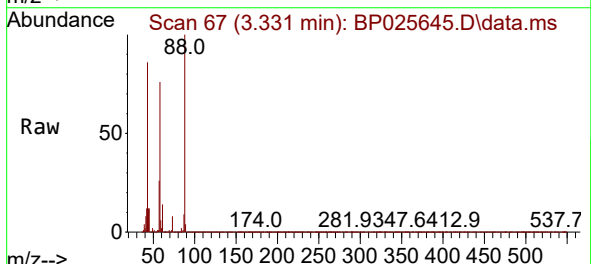
Instrument :  
 BNA\_P  
 ClientSampleId :  
 RT5427MS

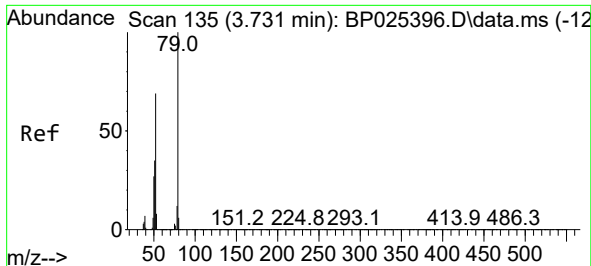
Tgt Ion:152 Resp: 153487  
 Ion Ratio Lower Upper  
 152 100  
 150 151.0 125.9 188.9  
 115 60.1 48.5 72.7



#2  
 1,4-Dioxane  
 Concen: 37.986 ng  
 RT: 3.331 min Scan# 67  
 Delta R.T. -0.006 min  
 Lab File: BP025645.D  
 Acq: 02 Sep 2025 19:41

Tgt Ion: 88 Resp: 137518  
 Ion Ratio Lower Upper  
 88 100  
 58 77.8 59.2 88.8  
 43 80.0 21.7 32.5

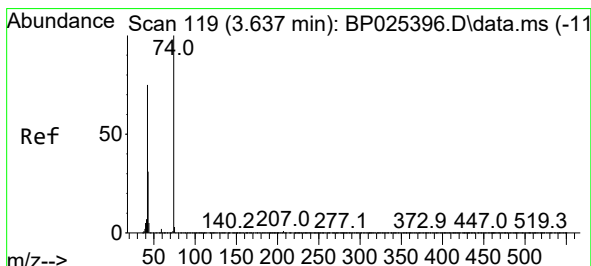
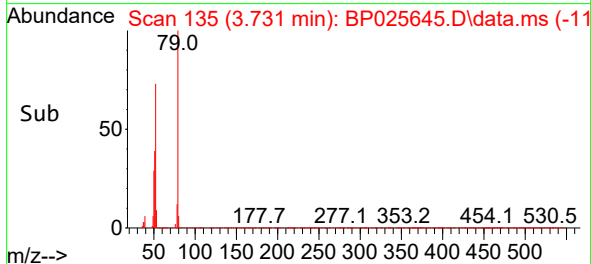
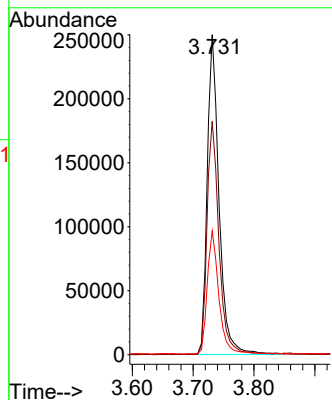
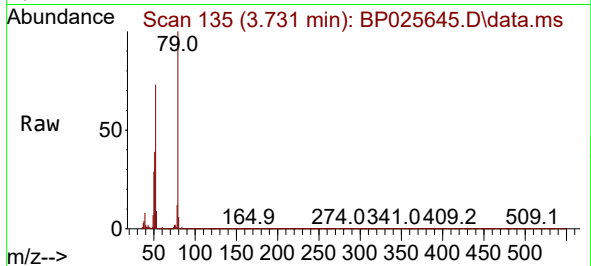




#3  
Pyridine  
Concen: 33.961 ng  
RT: 3.731 min Scan# 118  
Delta R.T. 0.000 min  
Lab File: BP025645.D  
Acq: 02 Sep 2025 19:41

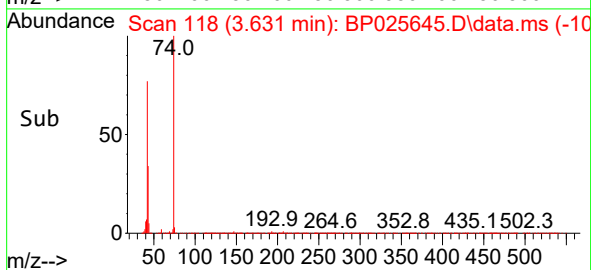
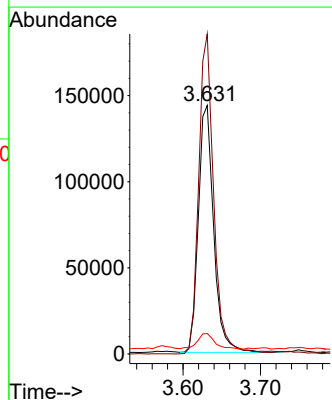
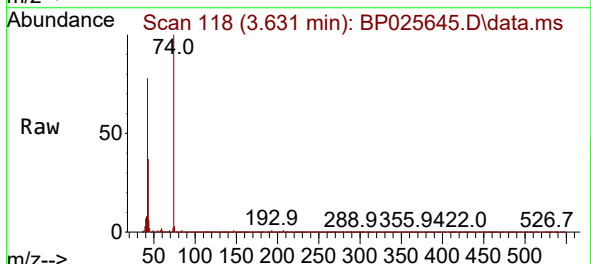
Instrument :  
BNA\_P  
ClientSampleId :  
RT5427MS

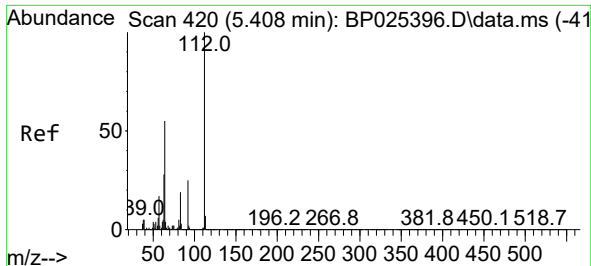
Tgt Ion: 79 Resp: 336515  
Ion Ratio Lower Upper  
79 100  
52 72.9 55.5 83.3  
51 38.7 28.3 42.5



#4  
n-Nitrosodimethylamine  
Concen: 48.332 ng  
RT: 3.631 min Scan# 118  
Delta R.T. -0.006 min  
Lab File: BP025645.D  
Acq: 02 Sep 2025 19:41

Tgt Ion: 42 Resp: 197440  
Ion Ratio Lower Upper  
42 100  
74 128.8 107.0 160.4  
44 8.2 6.2 9.4

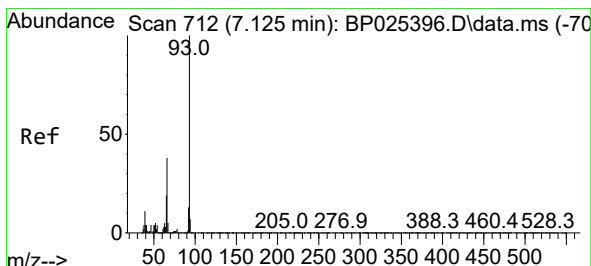
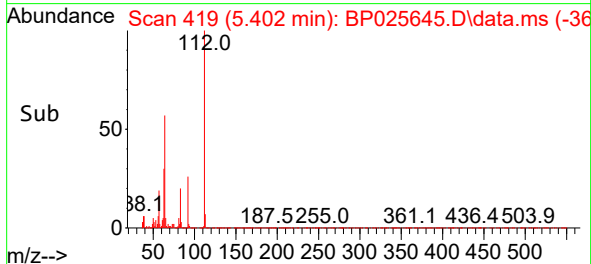
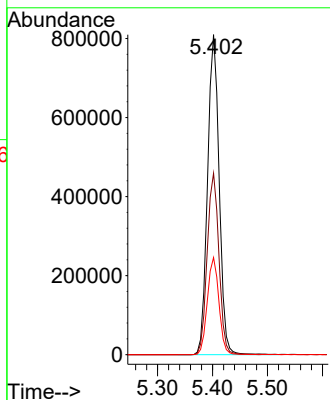
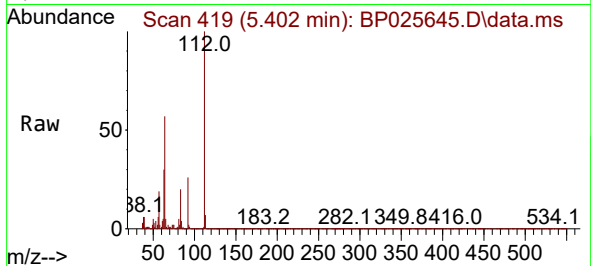




#5  
2-Fluorophenol  
Concen: 128.413 ng  
RT: 5.402 min Scan# 41  
Delta R.T. -0.006 min  
Lab File: BP025645.D  
Acq: 02 Sep 2025 19:41

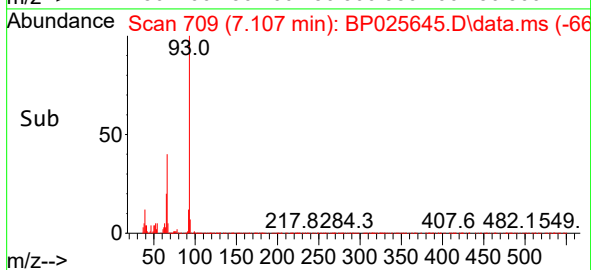
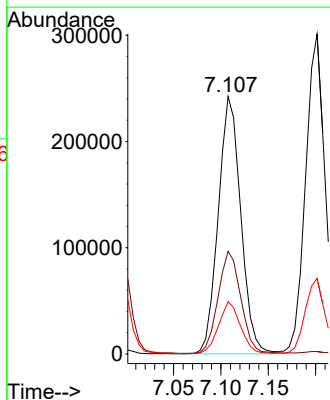
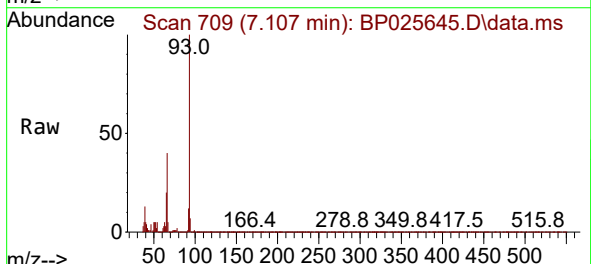
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ClientSampleId :  
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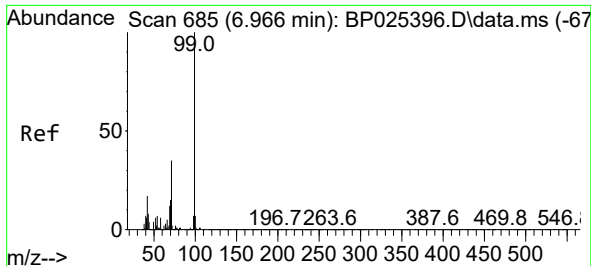
Tgt Ion:112 Resp: 1186829  
Ion Ratio Lower Upper  
112 100  
64 56.7 43.8 65.8  
63 30.3 22.7 34.1



#6  
Aniline  
Concen: 25.129 ng  
RT: 7.107 min Scan# 709  
Delta R.T. -0.018 min  
Lab File: BP025645.D  
Acq: 02 Sep 2025 19:41

Tgt Ion: 93 Resp: 401190  
Ion Ratio Lower Upper  
93 100  
66 39.9 30.4 45.6  
65 20.4 15.3 22.9

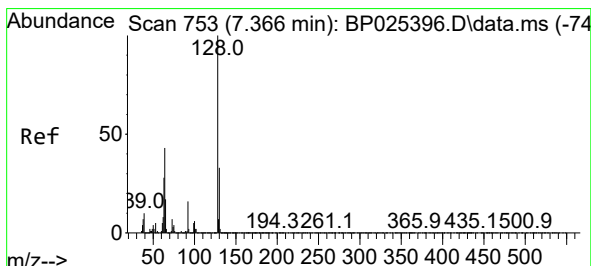
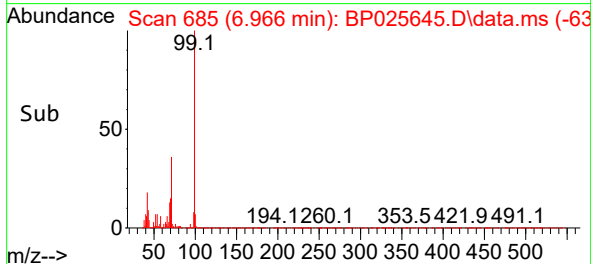
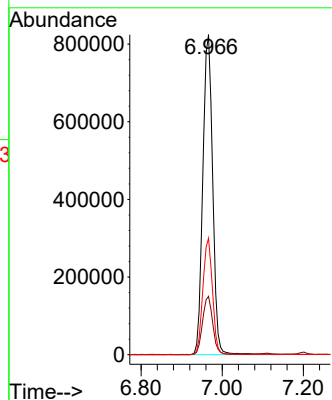
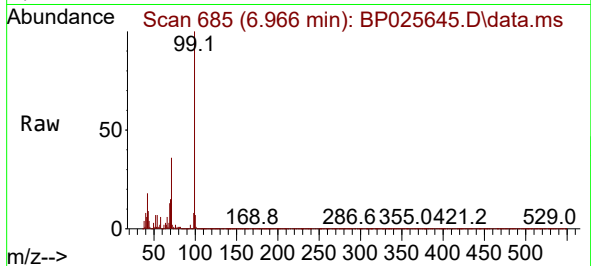




#7  
Phenol-d6  
Concen: 117.272 ng  
RT: 6.966 min Scan# 61  
Delta R.T. 0.000 min  
Lab File: BP025645.D  
Acq: 02 Sep 2025 19:41

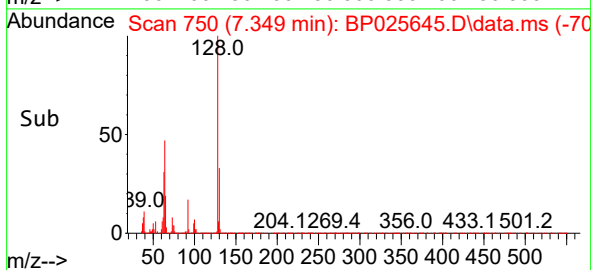
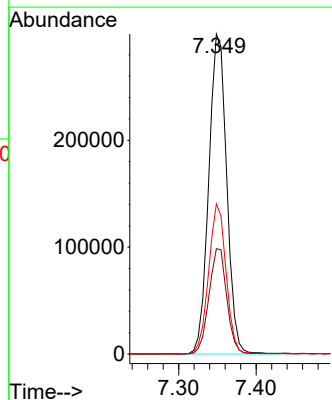
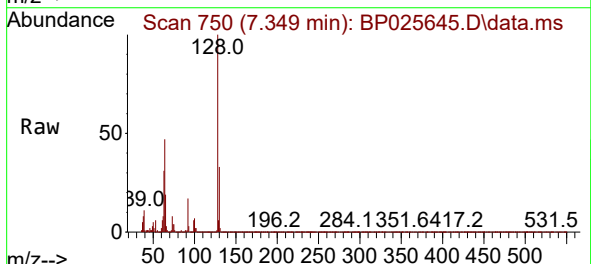
Instrument :  
BNA\_P  
ClientSampleId :  
RT5427MS

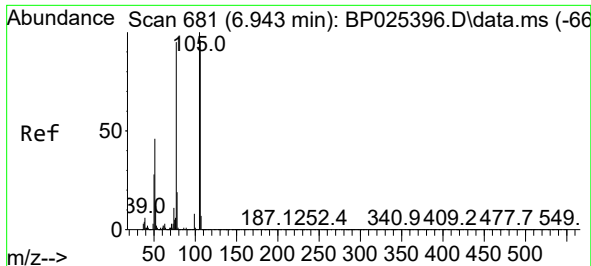
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Ion Ratio Lower Upper  
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42 18.3 13.7 20.5  
71 36.4 28.2 42.4



#8  
2-Chlorophenol  
Concen: 46.109 ng  
RT: 7.349 min Scan# 750  
Delta R.T. -0.018 min  
Lab File: BP025645.D  
Acq: 02 Sep 2025 19:41

Tgt Ion: 128 Resp: 480900  
Ion Ratio Lower Upper  
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130 32.9 12.6 52.6  
64 46.9 23.4 63.4

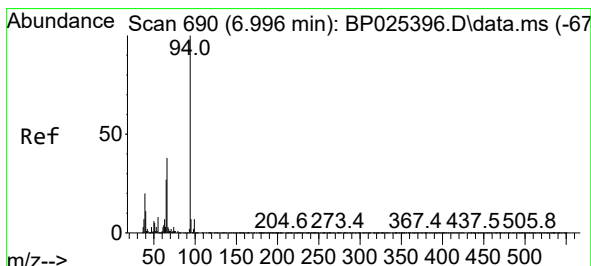
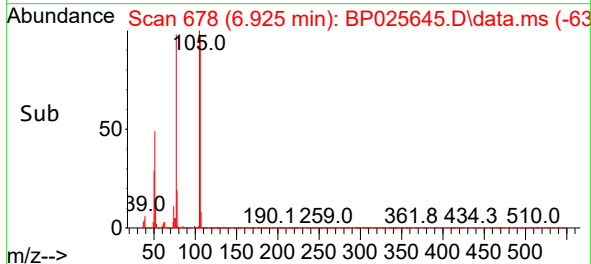
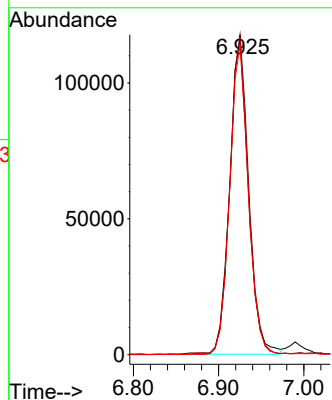
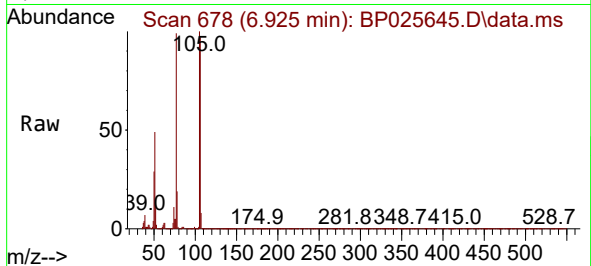




#9  
Benzaldehyde  
Concen: 21.429 ng  
RT: 6.925 min Scan# 61  
Delta R.T. -0.018 min  
Lab File: BP025645.D  
Acq: 02 Sep 2025 19:41

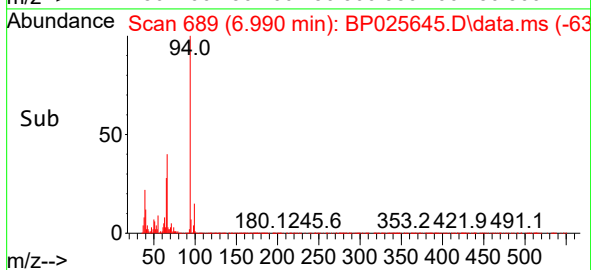
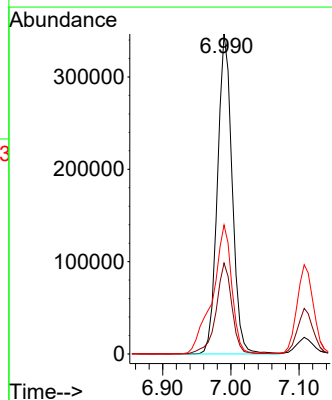
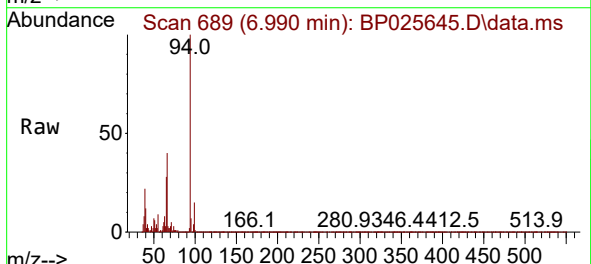
Instrument :  
BNA\_P  
ClientSampleId :  
RT5427MS

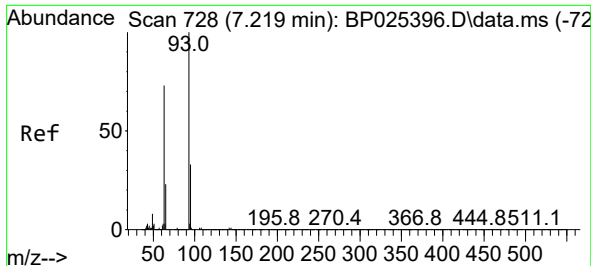
Tgt Ion: 77 Resp: 177904  
Ion Ratio Lower Upper  
77 100  
105 101.3 84.8 124.8  
106 98.0 80.5 120.5



#10  
Phenol  
Concen: 41.825 ng  
RT: 6.990 min Scan# 689  
Delta R.T. -0.006 min  
Lab File: BP025645.D  
Acq: 02 Sep 2025 19:41

Tgt Ion: 94 Resp: 520040  
Ion Ratio Lower Upper  
94 100  
65 28.4 6.8 46.8  
66 40.3 18.2 58.2

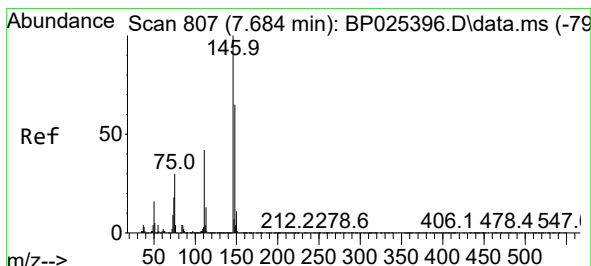
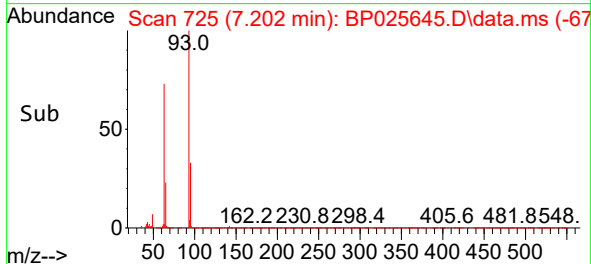
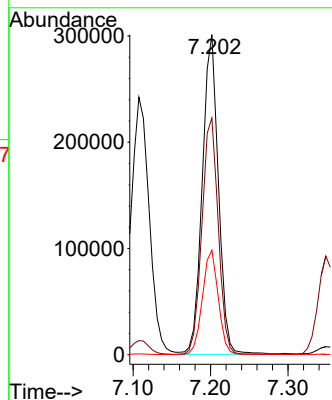
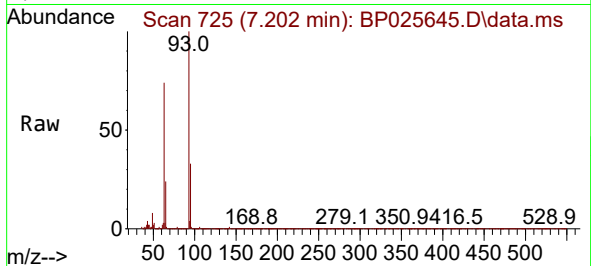




#11  
bis(2-Chloroethyl)ether  
Concen: 44.770 ng  
RT: 7.202 min Scan# 71  
Delta R.T. -0.018 min  
Lab File: BP025645.D  
Acq: 02 Sep 2025 19:41

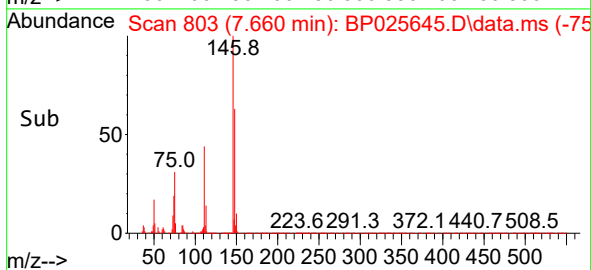
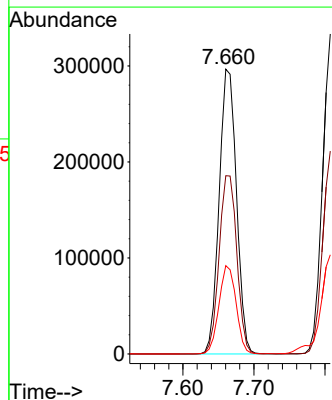
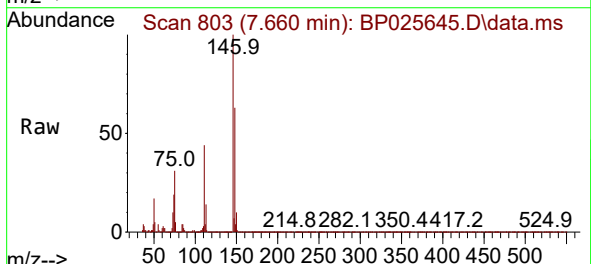
Instrument :  
BNA\_P  
ClientSampleId :  
RT5427MS

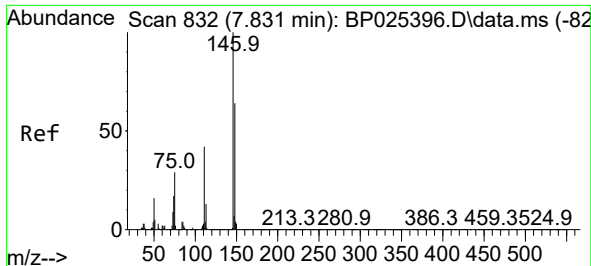
Tgt Ion: 93 Resp: 433875  
Ion Ratio Lower Upper  
93 100  
63 74.0 52.6 92.6  
95 32.6 12.7 52.7



#12  
1,3-Dichlorobenzene  
Concen: 43.518 ng  
RT: 7.660 min Scan# 803  
Delta R.T. -0.024 min  
Lab File: BP025645.D  
Acq: 02 Sep 2025 19:41

Tgt Ion: 146 Resp: 500472  
Ion Ratio Lower Upper  
146 100  
148 62.6 51.9 77.9  
75 31.0 23.7 35.5

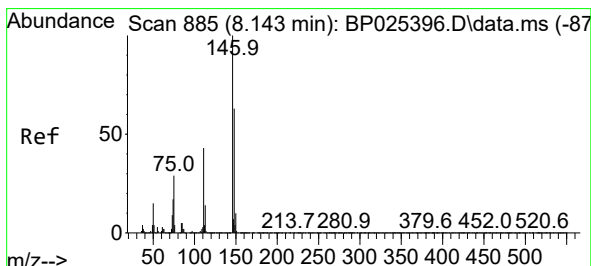
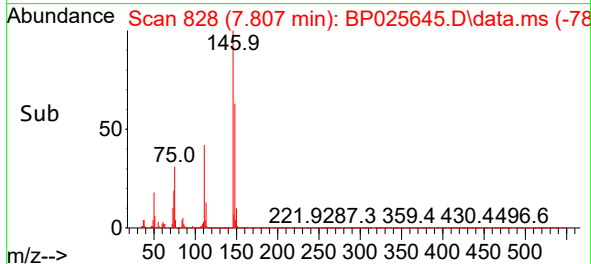
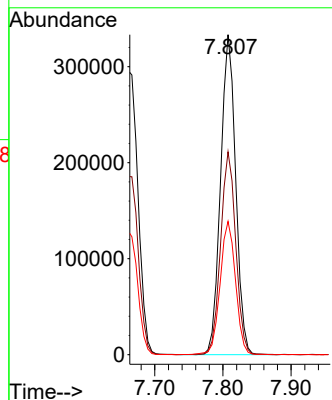
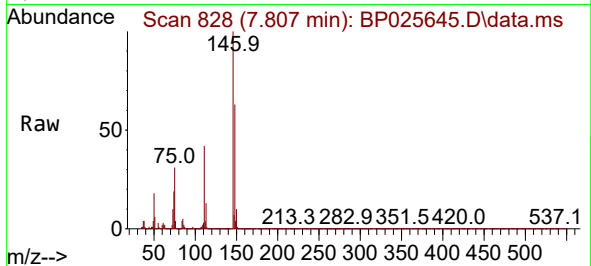




#13  
1,4-Dichlorobenzene  
Concen: 43.643 ng  
RT: 7.807 min Scan# 81  
Delta R.T. -0.024 min  
Lab File: BP025645.D  
Acq: 02 Sep 2025 19:41

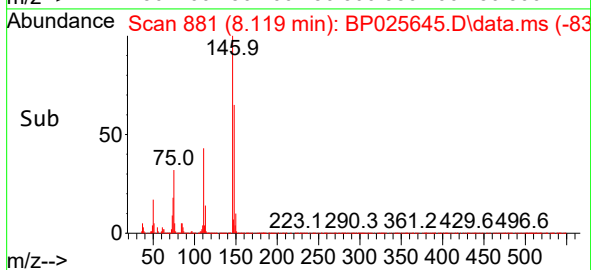
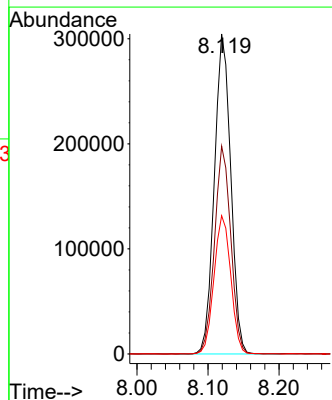
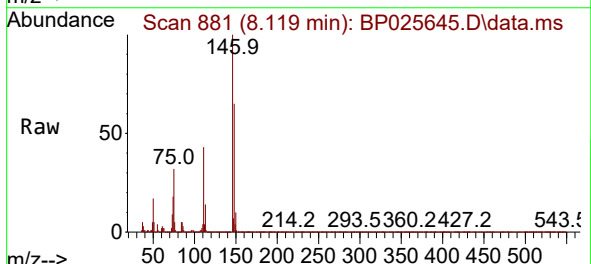
Instrument :  
BNA\_P  
ClientSampleId :  
RT5427MS

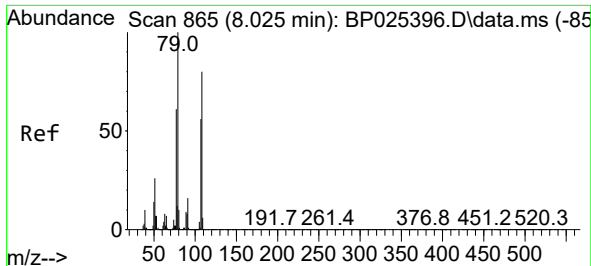
Tgt Ion:146 Resp: 513005  
Ion Ratio Lower Upper  
146 100  
148 63.4 51.6 77.4  
111 41.6 33.4 50.0



#14  
1,2-Dichlorobenzene  
Concen: 42.889 ng  
RT: 8.119 min Scan# 881  
Delta R.T. -0.024 min  
Lab File: BP025645.D  
Acq: 02 Sep 2025 19:41

Tgt Ion:146 Resp: 488014  
Ion Ratio Lower Upper  
146 100  
148 65.0 50.4 75.6  
111 43.2 34.5 51.7

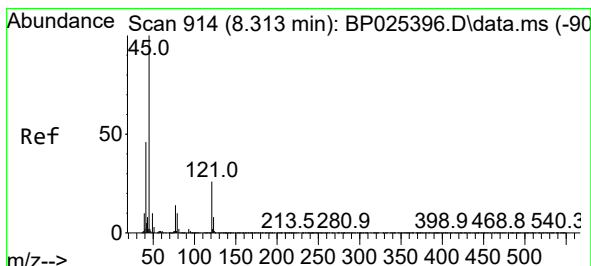
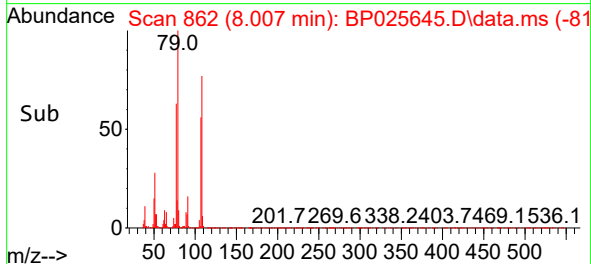
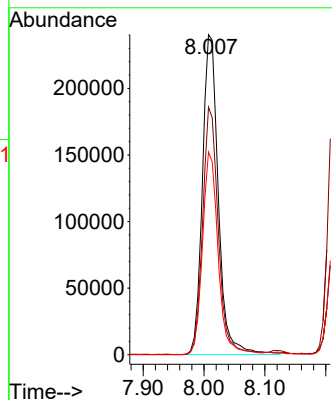
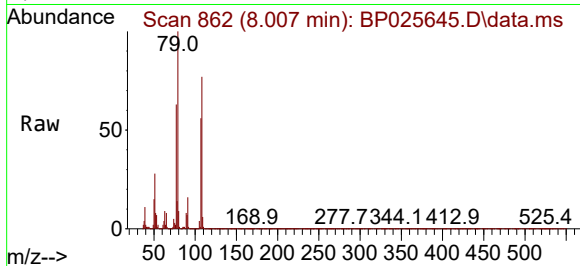




#15  
Benzyl Alcohol  
Concen: 46.281 ng  
RT: 8.007 min Scan# 80  
Delta R.T. -0.018 min  
Lab File: BP025645.D  
Acq: 02 Sep 2025 19:41

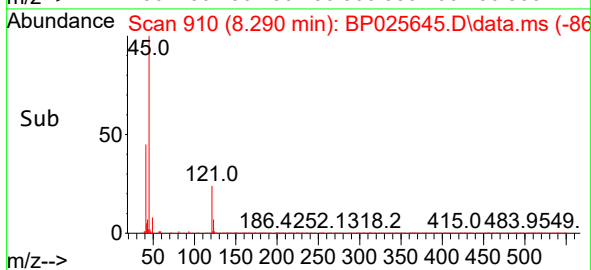
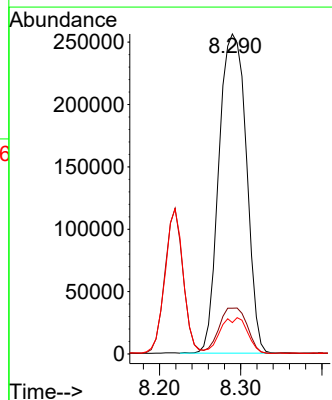
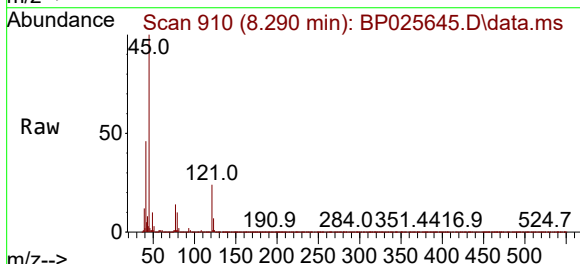
Instrument :  
BNA\_P  
ClientSampleId :  
RT5427MS

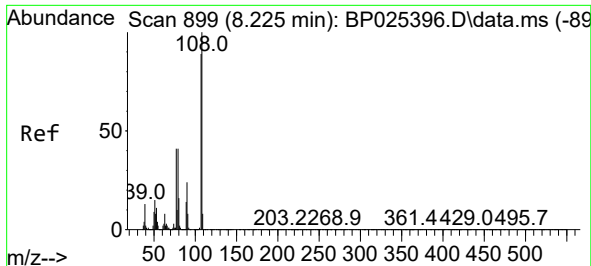
Tgt Ion: 79 Resp: 435744  
Ion Ratio Lower Upper  
79 100  
108 77.3 63.8 95.6  
77 63.3 49.0 73.4



#16  
2,2'-oxybis(1-Chloropropane)  
Concen: 46.211 ng  
RT: 8.290 min Scan# 910  
Delta R.T. -0.024 min  
Lab File: BP025645.D  
Acq: 02 Sep 2025 19:41

Tgt Ion: 45 Resp: 599924  
Ion Ratio Lower Upper  
45 100  
77 14.3 0.0 35.3  
79 9.8 0.0 31.8

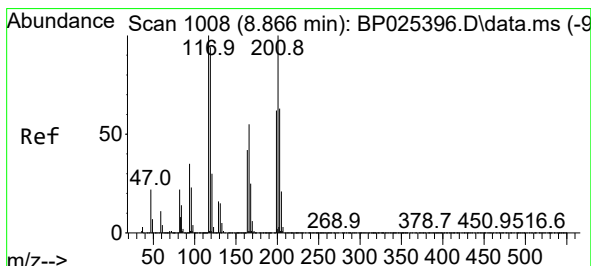
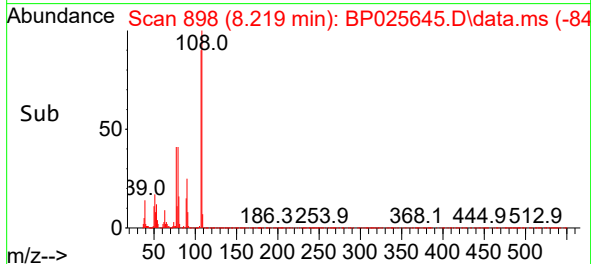
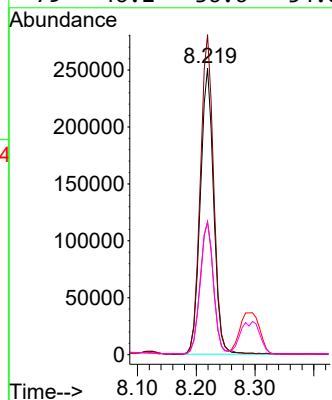
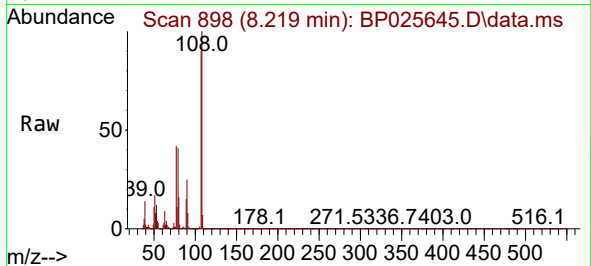




#17  
2-Methylphenol  
Concen: 45.762 ng  
RT: 8.219 min Scan# 899  
Delta R.T. -0.006 min  
Lab File: BP025645.D  
Acq: 02 Sep 2025 19:41

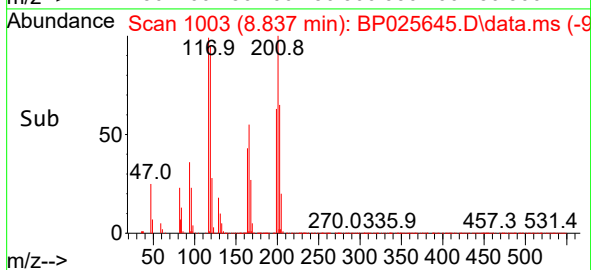
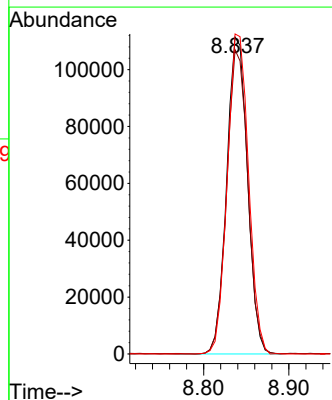
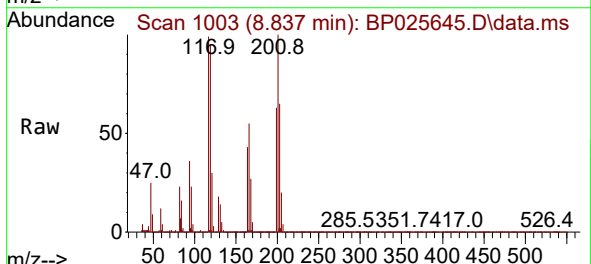
Instrument :  
BNA\_P  
ClientSampleId :  
RT5427MS

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 107   | Resp: | 395183 |
| Ion      | Ratio | Lower | Upper  |
| 107      | 100   |       |        |
| 108      | 111.7 | 89.4  | 134.0  |
| 77       | 46.4  | 36.3  | 54.5   |
| 79       | 46.2  | 36.6  | 54.8   |



#18  
Hexachloroethane  
Concen: 43.792 ng  
RT: 8.837 min Scan# 1003  
Delta R.T. -0.029 min  
Lab File: BP025645.D  
Acq: 02 Sep 2025 19:41

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 117   | Resp: | 189263 |
| Ion      | Ratio | Lower | Upper  |
| 117      | 100   |       |        |
| 119      | 96.0  | 75.1  | 112.7  |
| 201      | 101.0 | 80.1  | 120.1  |





#19

n-Nitroso-di-n-propylamine

Concen: 44.085 ng

RT: 8.566 min Scan# 91

Delta R.T. -0.024 min

Lab File: BP025645.D

Acq: 02 Sep 2025 19:41

Instrument :

BNA\_P

ClientSampleId :

RT5427MS

Tgt Ion: 70 Resp: 346015

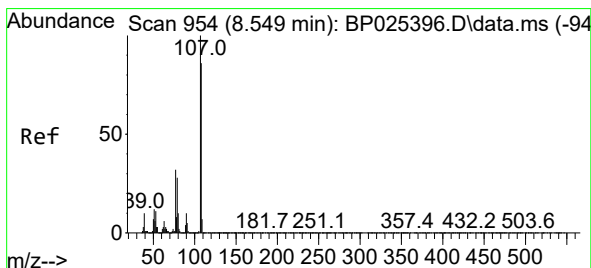
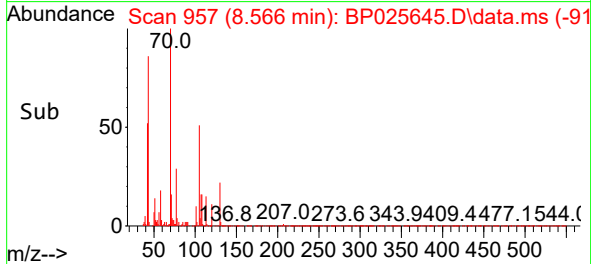
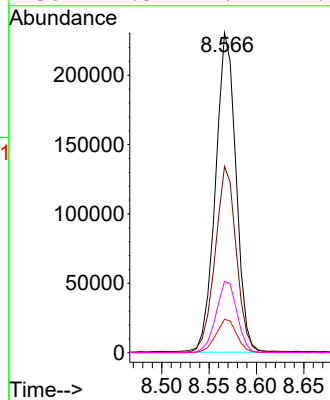
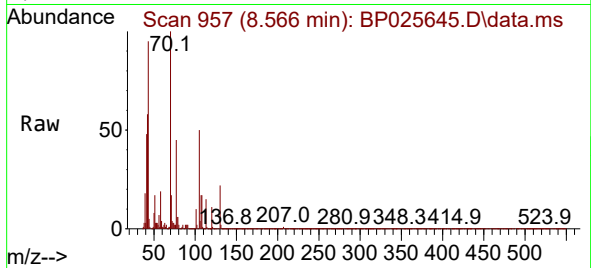
Ion Ratio Lower Upper

70 100

42 58.2 43.8 65.6

101 10.4 8.5 12.7

130 22.3 19.4 29.0



#20

3+4-Methylphenols

Concen: 44.177 ng

RT: 8.543 min Scan# 953

Delta R.T. -0.006 min

Lab File: BP025645.D

Acq: 02 Sep 2025 19:41

Tgt Ion: 107 Resp: 528801

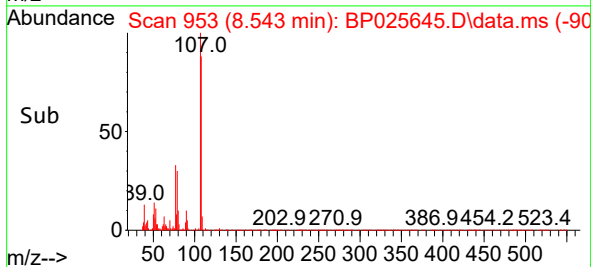
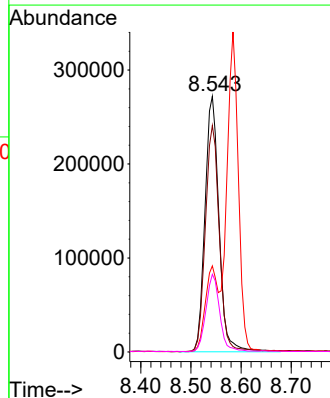
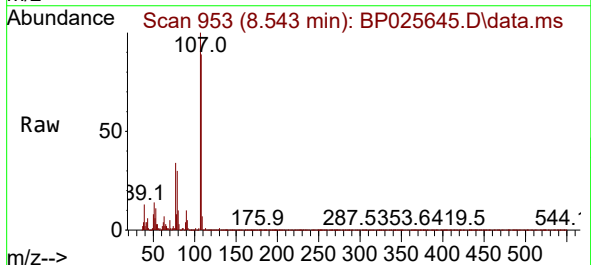
Ion Ratio Lower Upper

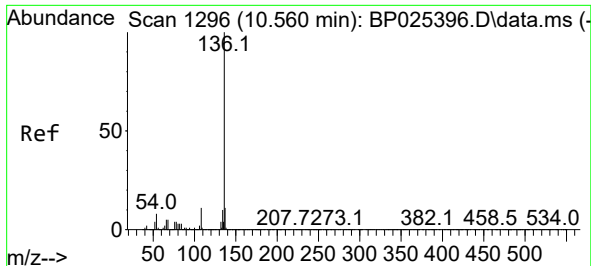
107 100

108 88.5 66.3 106.3

77 33.7 12.3 52.3

79 30.3 7.8 47.8

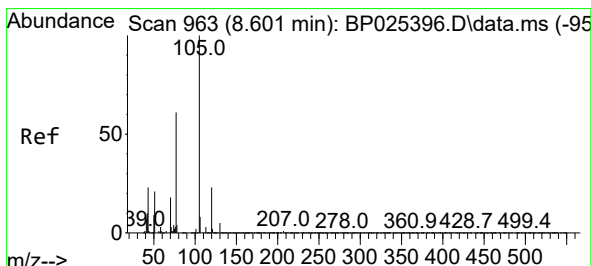
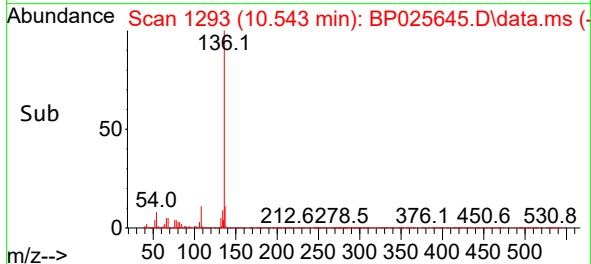
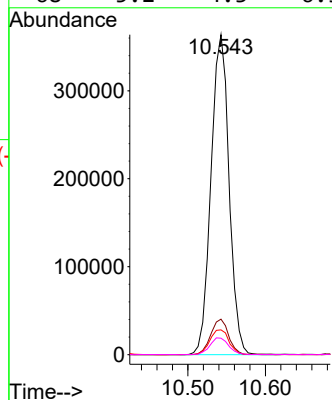
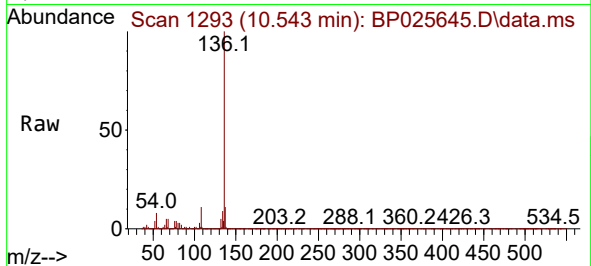




#21  
Naphthalene-d8  
Concen: 20.000 ng  
RT: 10.543 min Scan# 11  
Delta R.T. -0.018 min  
Lab File: BP025645.D  
Acq: 02 Sep 2025 19:41

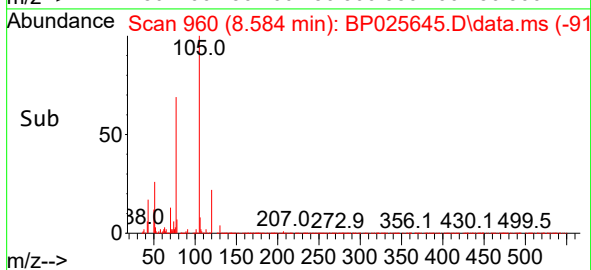
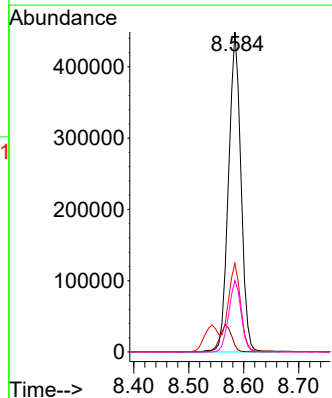
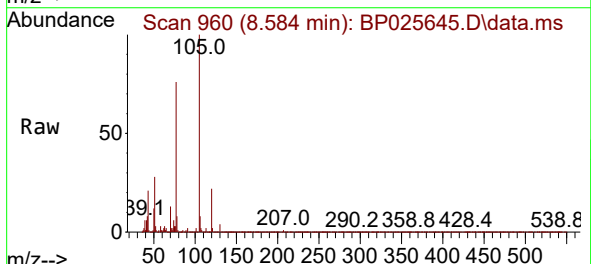
Instrument :  
BNA\_P  
ClientSampleId :  
RT5427MS

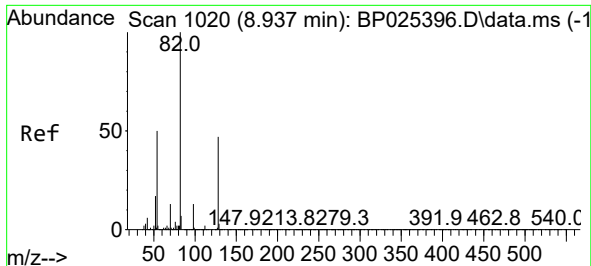
|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 136   | Resp: | 589126 |
| Ion      | Ratio | Lower | Upper  |
| 136      | 100   |       |        |
| 137      | 11.1  | 9.2   | 13.8   |
| 54       | 7.8   | 6.0   | 9.0    |
| 68       | 5.2   | 4.3   | 6.5    |



#22  
Acetophenone  
Concen: 47.719 ng  
RT: 8.584 min Scan# 960  
Delta R.T. -0.018 min  
Lab File: BP025645.D  
Acq: 02 Sep 2025 19:41

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 105   | Resp: | 704999 |
| Ion      | Ratio | Lower | Upper  |
| 105      | 100   |       |        |
| 71       | 2.1   | 2.6   | 4.0#   |
| 51       | 27.7  | 20.6  | 30.8   |
| 120      | 22.3  | 18.6  | 27.8   |

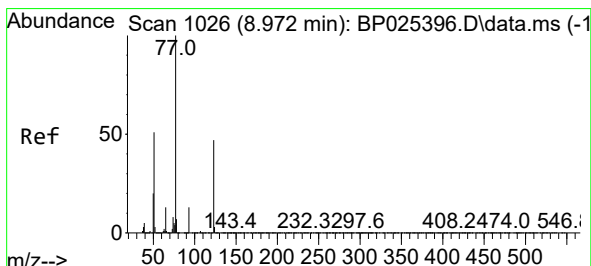
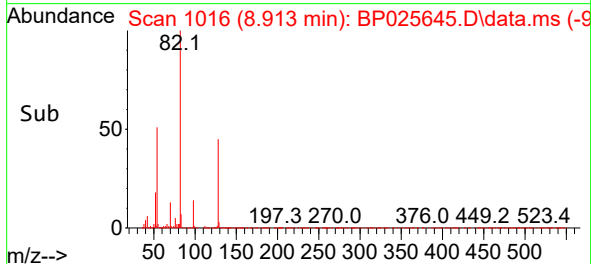
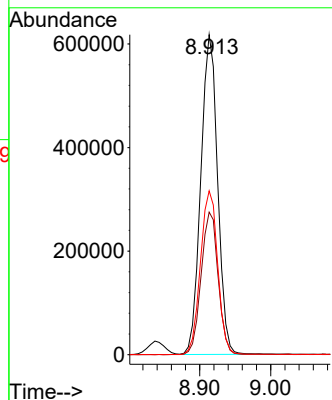
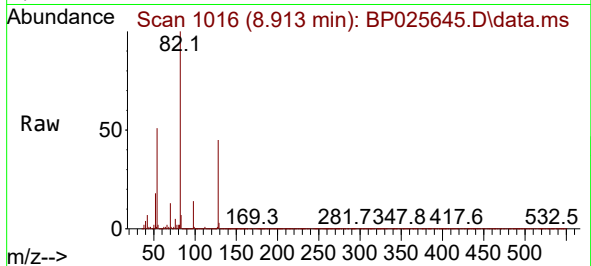




#23  
Nitrobenzene-d5  
Concen: 87.357 ng  
RT: 8.913 min Scan# 1016  
Delta R.T. -0.024 min  
Lab File: BP025645.D  
Acq: 02 Sep 2025 19:41

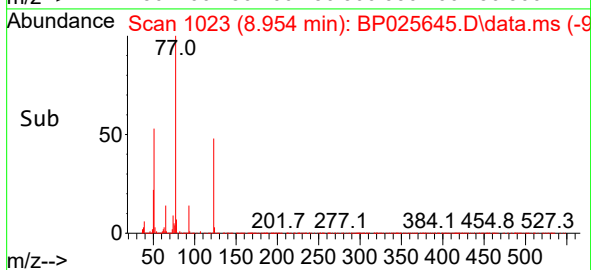
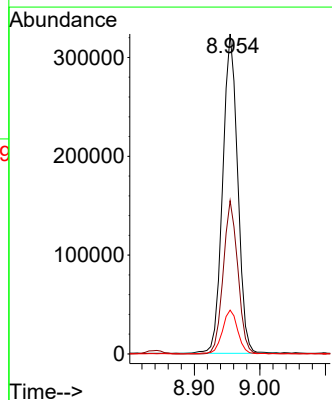
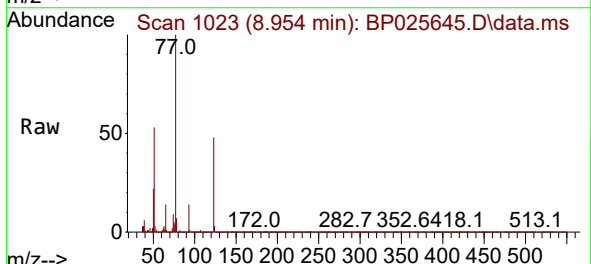
Instrument :  
BNA\_P  
ClientSampleId :  
RT5427MS

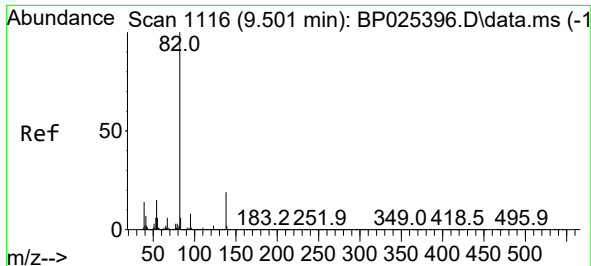
Tgt Ion: 82 Resp: 1017367  
Ion Ratio Lower Upper  
82 100  
128 44.5 37.7 56.5  
54 51.2 39.8 59.6



#24  
Nitrobenzene  
Concen: 49.169 ng  
RT: 8.954 min Scan# 1023  
Delta R.T. -0.018 min  
Lab File: BP025645.D  
Acq: 02 Sep 2025 19:41

Tgt Ion: 77 Resp: 511768  
Ion Ratio Lower Upper  
77 100  
123 47.9 38.6 58.0  
65 13.7 10.6 15.8

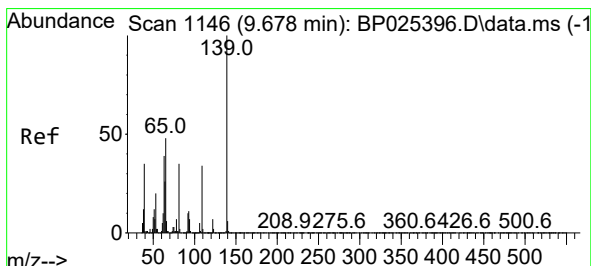
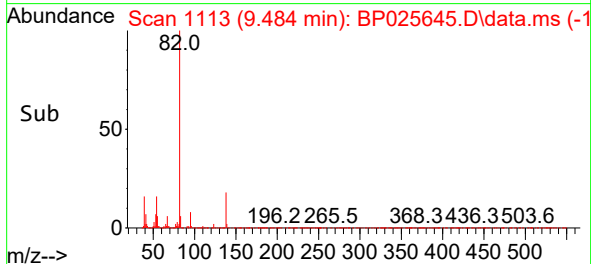
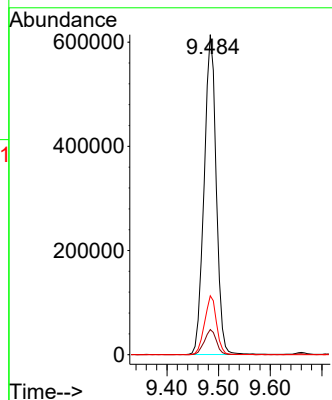
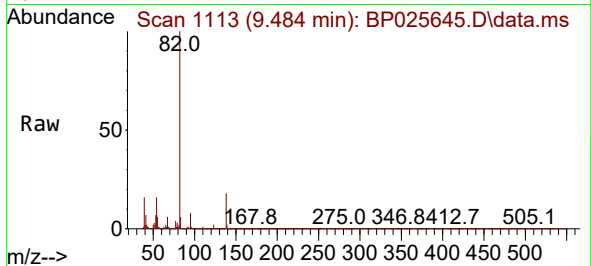




#25  
Isophorone  
Concen: 48.342 ng  
RT: 9.484 min Scan# 1113  
Delta R.T. -0.018 min  
Lab File: BP025645.D  
Acq: 02 Sep 2025 19:41

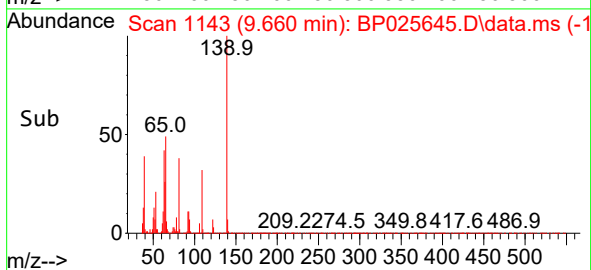
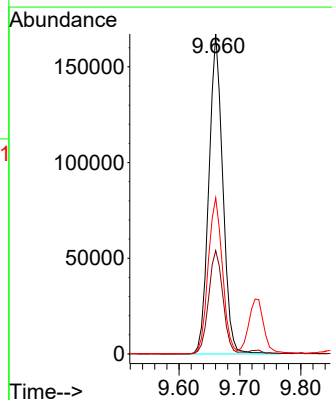
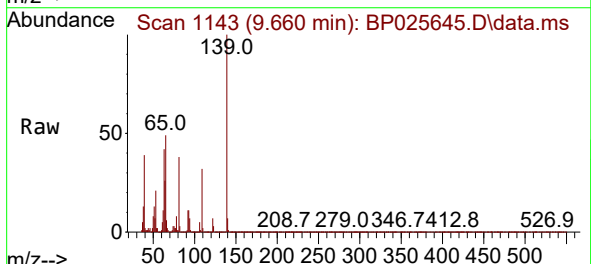
Instrument :  
BNA\_P  
ClientSampleId :  
RT5427MS

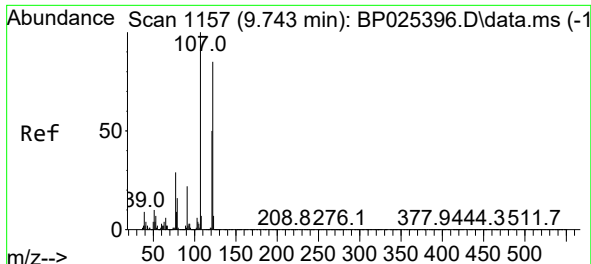
Tgt Ion: 82 Resp: 996350  
Ion Ratio Lower Upper  
82 100  
95 7.8 6.4 9.6  
138 18.4 15.4 23.0



#26  
2-Nitrophenol  
Concen: 49.809 ng  
RT: 9.660 min Scan# 1143  
Delta R.T. -0.018 min  
Lab File: BP025645.D  
Acq: 02 Sep 2025 19:41

Tgt Ion:139 Resp: 266060  
Ion Ratio Lower Upper  
139 100  
109 32.3 26.9 40.3  
65 48.8 38.3 57.5

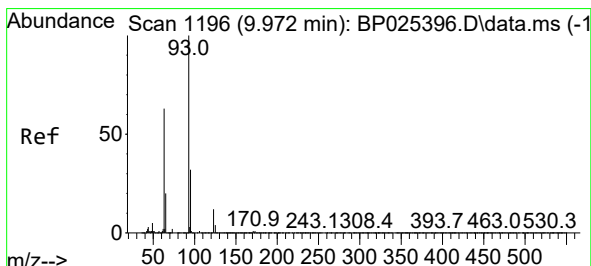
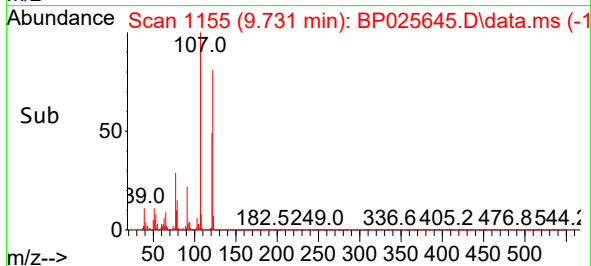
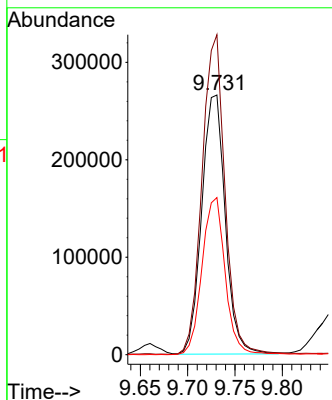
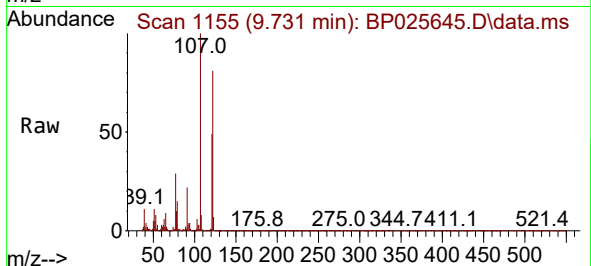




#27  
2,4-Dimethylphenol  
Concen: 50.033 ng  
RT: 9.731 min Scan# 1155  
Delta R.T. -0.012 min  
Lab File: BP025645.D  
Acq: 02 Sep 2025 19:41

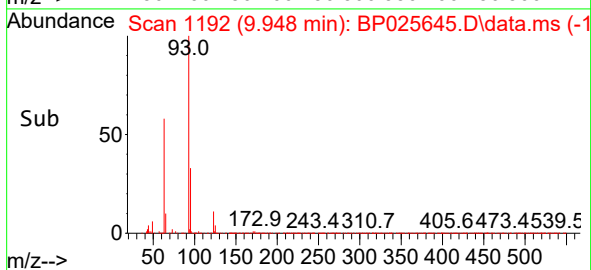
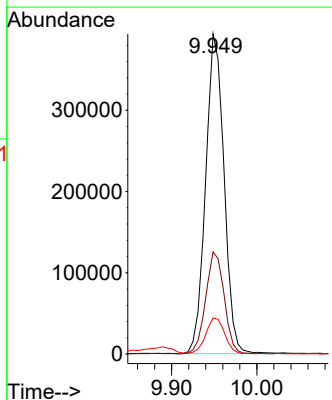
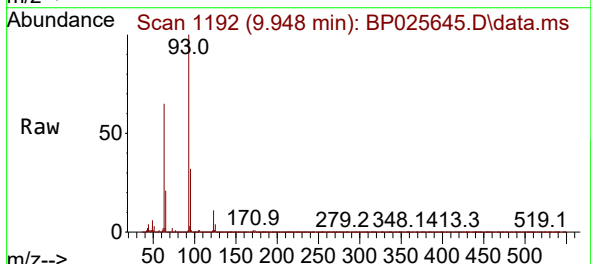
Instrument :  
BNA\_P  
ClientSampleId :  
RT5427MS

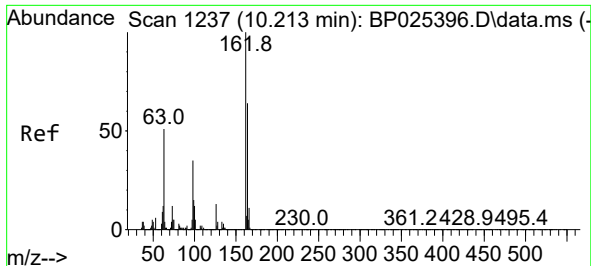
Tgt Ion:122 Resp: 459603  
Ion Ratio Lower Upper  
122 100  
107 123.2 93.7 140.5  
121 60.5 46.6 69.8



#28  
bis(2-Chloroethoxy)methane  
Concen: 47.573 ng  
RT: 9.948 min Scan# 1192  
Delta R.T. -0.024 min  
Lab File: BP025645.D  
Acq: 02 Sep 2025 19:41

Tgt Ion: 93 Resp: 592695  
Ion Ratio Lower Upper  
93 100  
95 31.9 25.4 38.0  
123 11.3 9.4 14.0





#29

2,4-Dichlorophenol

Concen: 49.554 ng

RT: 10.207 min Scan# 11

Delta R.T. -0.006 min

Lab File: BP025645.D

Acq: 02 Sep 2025 19:41

Instrument :

BNA\_P

ClientSampleId :

RT5427MS

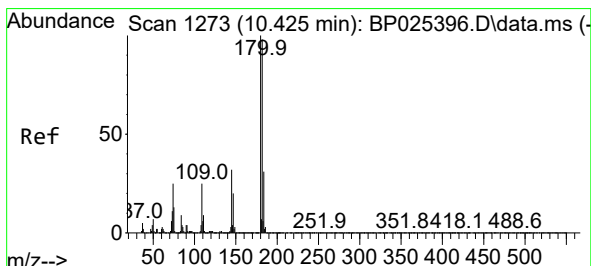
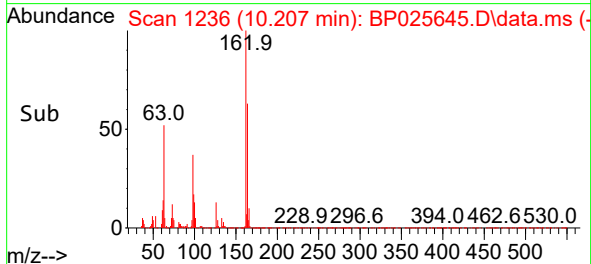
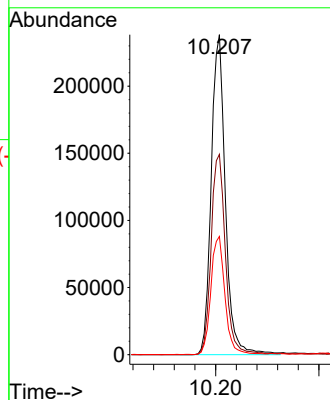
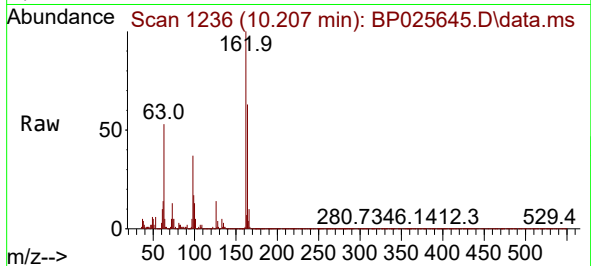
Tgt Ion:162 Resp: 452198

Ion Ratio Lower Upper

162 100

164 62.6 44.4 84.4

98 37.0 14.9 54.9



#30

1,2,4-Trichlorobenzene

Concen: 45.777 ng

RT: 10.407 min Scan# 1270

Delta R.T. -0.018 min

Lab File: BP025645.D

Acq: 02 Sep 2025 19:41

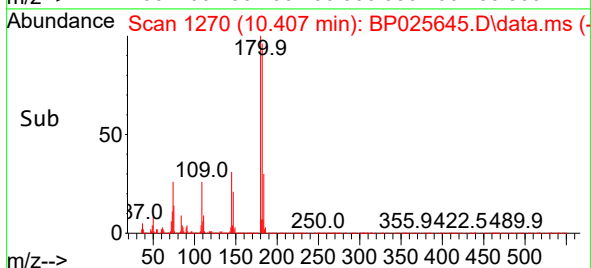
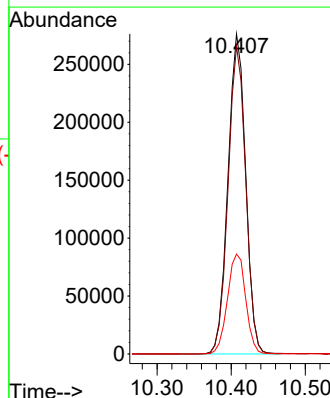
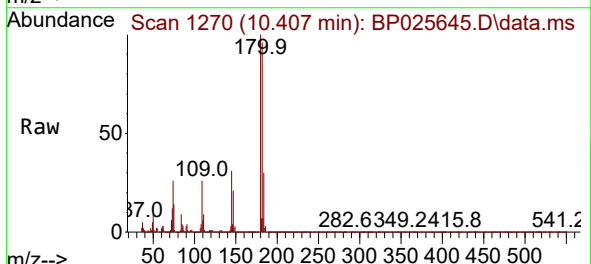
Tgt Ion:180 Resp: 457926

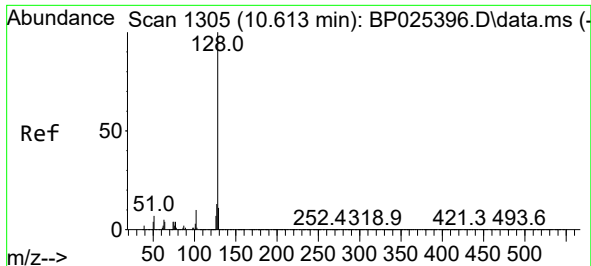
Ion Ratio Lower Upper

180 100

182 96.2 78.0 117.0

145 31.2 25.9 38.9

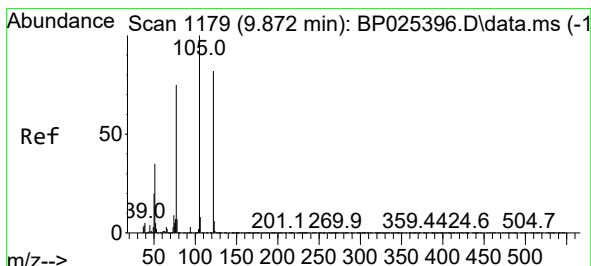
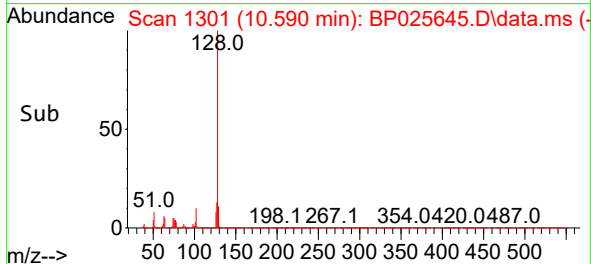
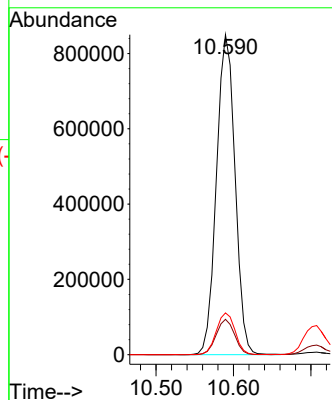
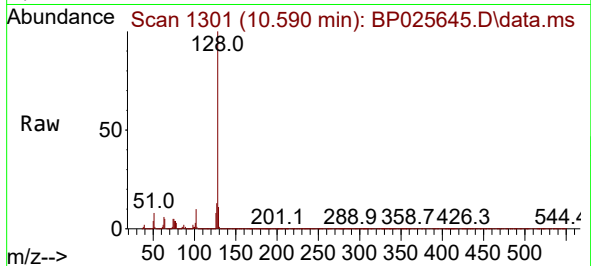




#31  
Naphthalene  
Concen: 46.255 ng  
RT: 10.590 min Scan# 1182  
Delta R.T. -0.024 min  
Lab File: BP025645.D  
Acq: 02 Sep 2025 19:41

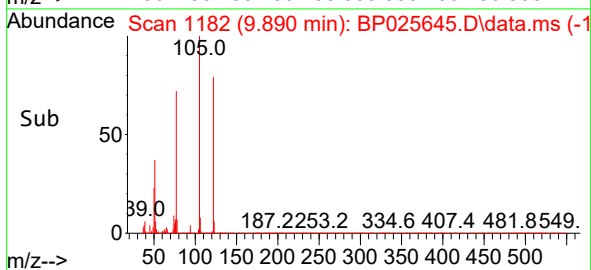
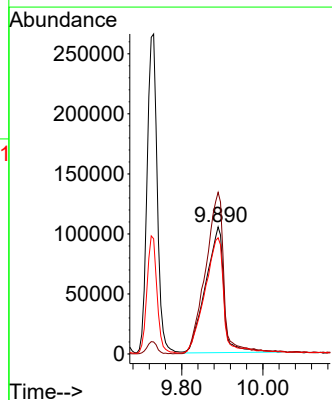
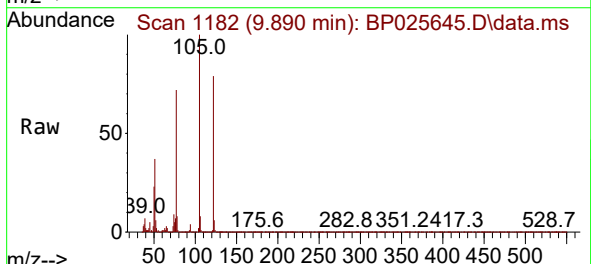
Instrument :  
BNA\_P  
ClientSampleId :  
RT5427MS

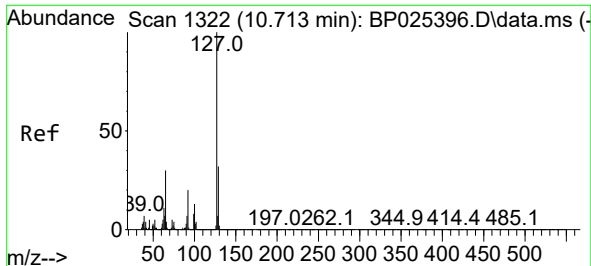
Tgt Ion:128 Resp: 1416323  
Ion Ratio Lower Upper  
128 100  
129 11.0 8.6 13.0  
127 13.1 10.7 16.1



#32  
Benzoic acid  
Concen: 48.490 ng  
RT: 9.890 min Scan# 1182  
Delta R.T. 0.018 min  
Lab File: BP025645.D  
Acq: 02 Sep 2025 19:41

Tgt Ion:122 Resp: 328849  
Ion Ratio Lower Upper  
122 100  
105 127.2 100.6 140.6  
77 91.4 71.5 111.5

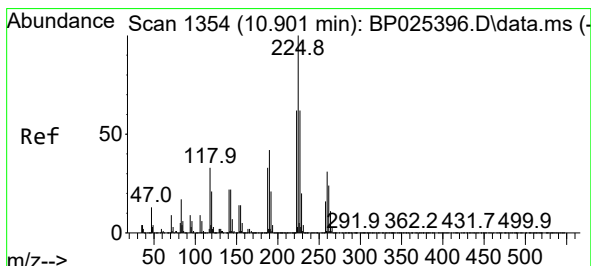
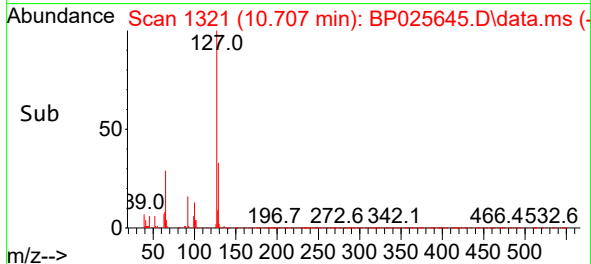
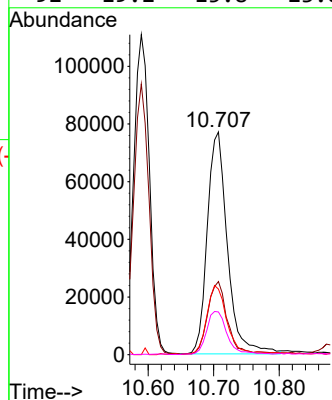
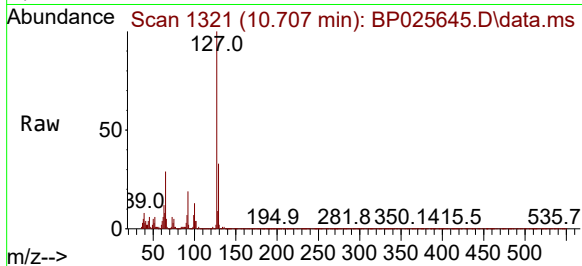




#33  
4-Chloroaniline  
Concen: 12.154 ng  
RT: 10.707 min Scan# 11  
Delta R.T. -0.006 min  
Lab File: BP025645.D  
Acq: 02 Sep 2025 19:41

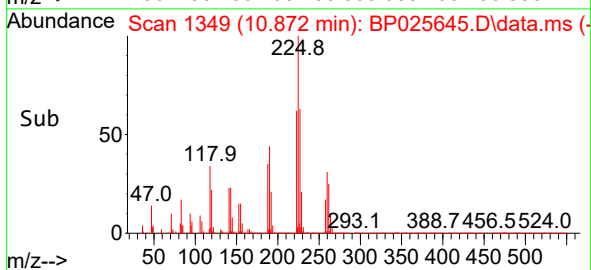
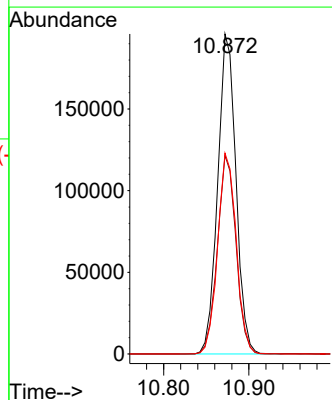
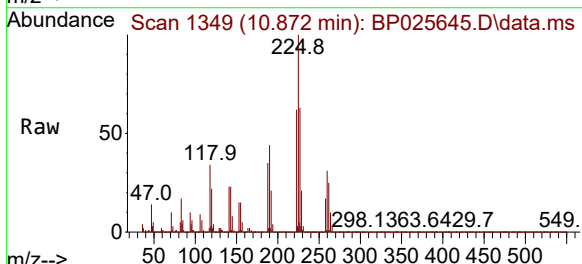
Instrument :  
BNA\_P  
ClientSampleId :  
RT5427MS

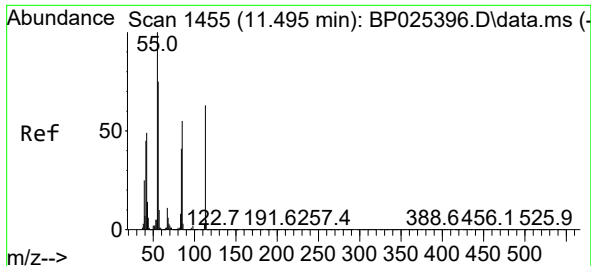
|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 127   | Resp: | 164388 |
| Ion      | Ratio | Lower | Upper  |
| 127      | 100   |       |        |
| 129      | 32.8  | 25.4  | 38.2   |
| 65       | 29.4  | 23.8  | 35.6   |
| 92       | 19.2  | 15.8  | 23.8   |



#34  
Hexachlorobutadiene  
Concen: 46.856 ng  
RT: 10.872 min Scan# 1349  
Delta R.T. -0.029 min  
Lab File: BP025645.D  
Acq: 02 Sep 2025 19:41

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 225   | Resp: | 291903 |
| Ion      | Ratio | Lower | Upper  |
| 225      | 100   |       |        |
| 223      | 62.1  | 50.0  | 75.0   |
| 227      | 62.7  | 49.7  | 74.5   |

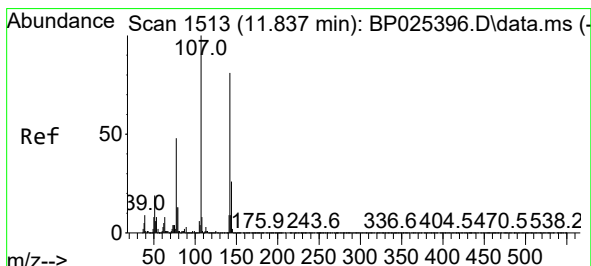
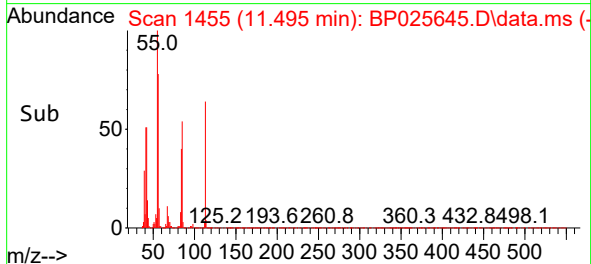
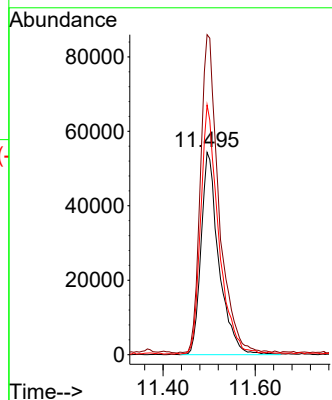
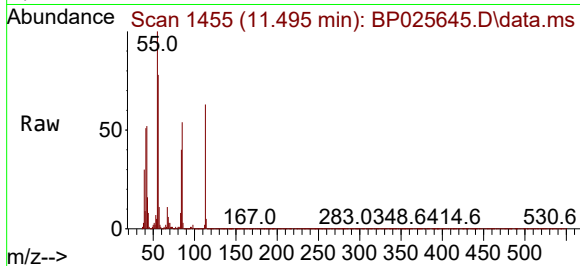




#35  
 Caprolactam  
 Concen: 43.672 ng  
 RT: 11.495 min Scan# 1455  
 Delta R.T. 0.000 min  
 Lab File: BP025645.D  
 Acq: 02 Sep 2025 19:41

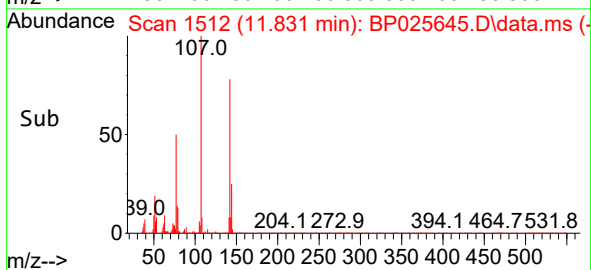
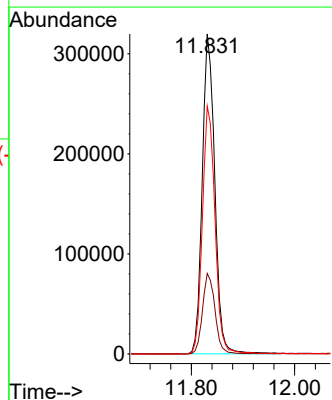
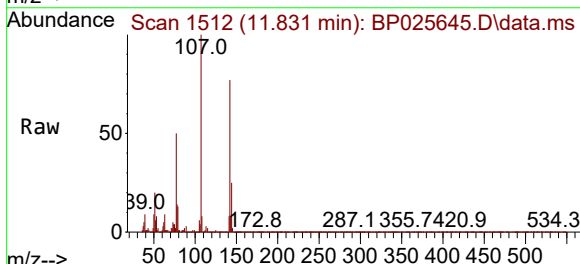
Instrument :  
 BNA\_P  
 ClientSampleId :  
 RT5427MS

Tgt Ion:113 Resp: 146130  
 Ion Ratio Lower Upper  
 113 100  
 55 158.2 140.0 180.0  
 56 123.5 100.0 140.0



#36  
 4-Chloro-3-methylphenol  
 Concen: 51.327 ng  
 RT: 11.831 min Scan# 1512  
 Delta R.T. -0.006 min  
 Lab File: BP025645.D  
 Acq: 02 Sep 2025 19:41

Tgt Ion:107 Resp: 537449  
 Ion Ratio Lower Upper  
 107 100  
 144 25.2 21.0 31.4  
 142 77.5 64.6 97.0

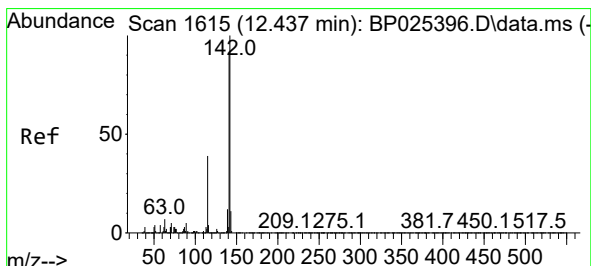
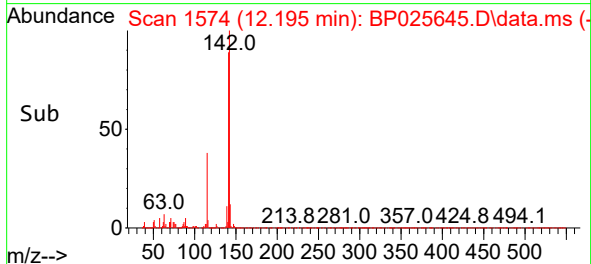
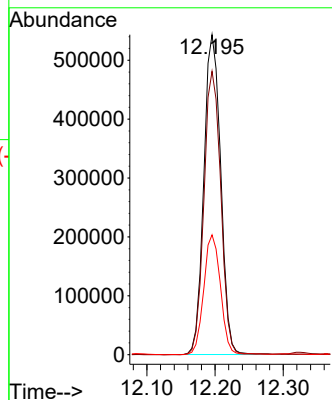
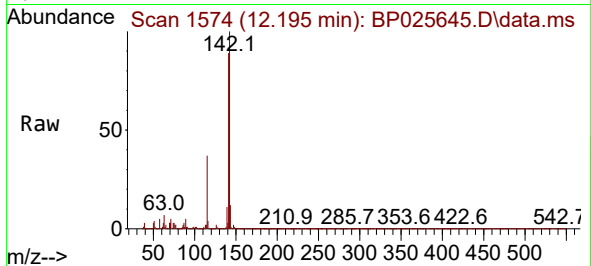




#37  
2-Methylnaphthalene  
Concen: 46.853 ng  
RT: 12.195 min Scan# 11  
Delta R.T. -0.024 min  
Lab File: BP025645.D  
Acq: 02 Sep 2025 19:41

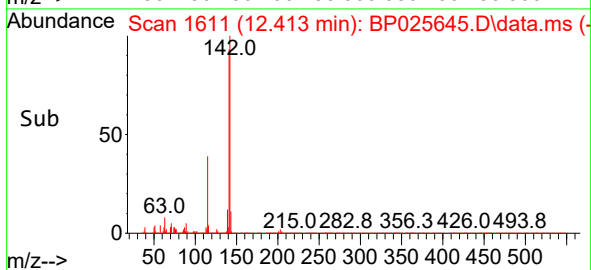
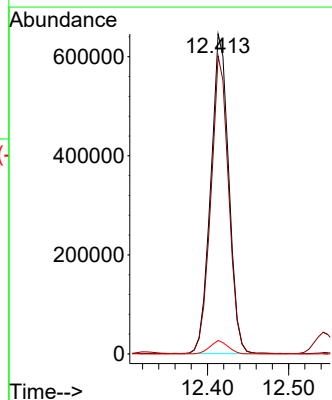
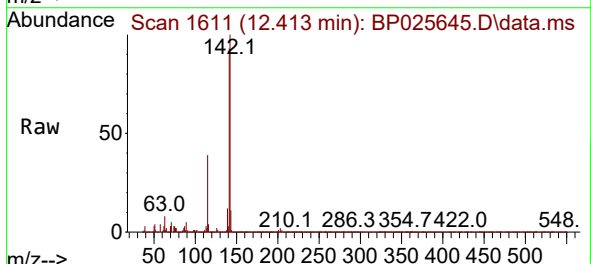
Instrument :  
BNA\_P  
ClientSampleId :  
RT5427MS

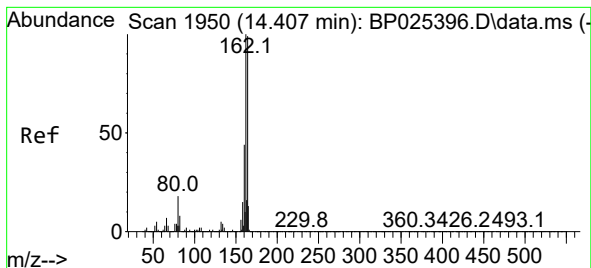
Tgt Ion:142 Resp: 933629  
Ion Ratio Lower Upper  
142 100  
141 88.5 70.3 105.5  
115 37.4 28.9 43.3



#38  
1-Methylnaphthalene  
Concen: 46.901 ng  
RT: 12.413 min Scan# 1611  
Delta R.T. -0.024 min  
Lab File: BP025645.D  
Acq: 02 Sep 2025 19:41

Tgt Ion:142 Resp: 993897  
Ion Ratio Lower Upper  
142 100  
141 93.1 73.1 109.7  
116 4.2 3.2 4.8





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.378 min Scan# 1945

Delta R.T. -0.029 min

Lab File: BP025645.D

Acq: 02 Sep 2025 19:41

Instrument :

BNA\_P

ClientSampleId :

RT5427MS

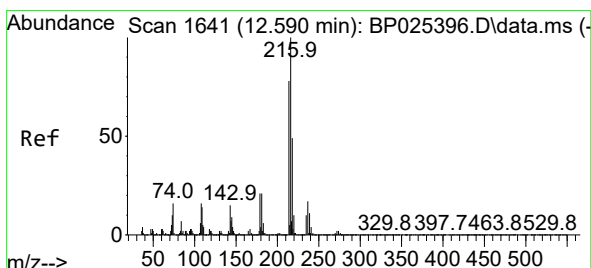
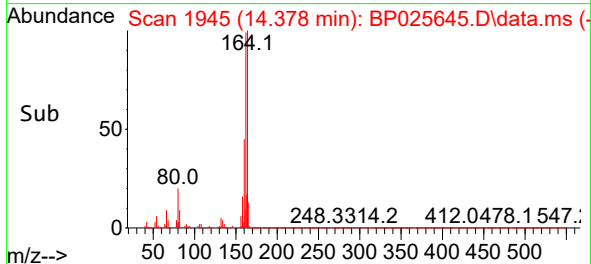
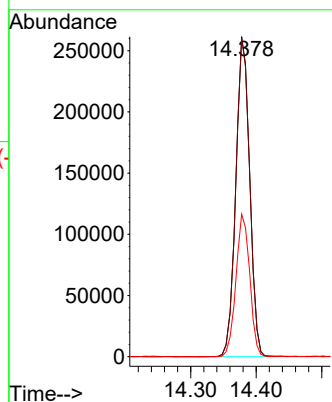
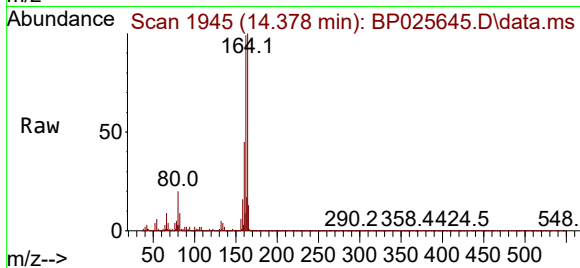
Tgt Ion:164 Resp: 385093

Ion Ratio Lower Upper

164 100

162 99.5 81.0 121.6

160 44.5 35.4 53.2



#40

1,2,4,5-Tetrachlorobenzene

Concen: 48.610 ng

RT: 12.566 min Scan# 1637

Delta R.T. -0.024 min

Lab File: BP025645.D

Acq: 02 Sep 2025 19:41

Tgt Ion:216 Resp: 540632

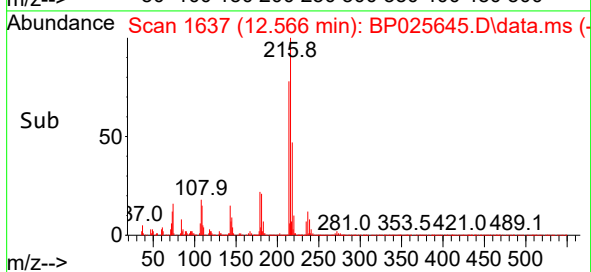
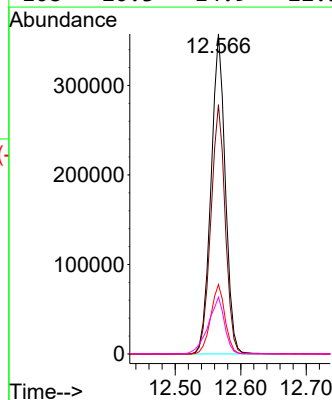
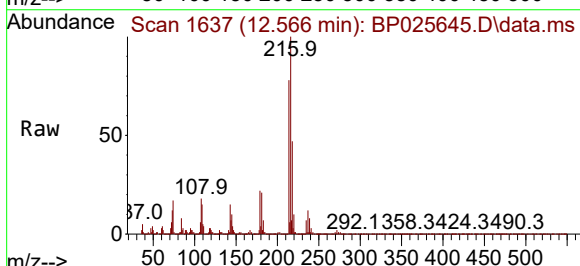
Ion Ratio Lower Upper

216 100

214 78.7 63.0 94.4

179 21.7 17.1 25.7

108 20.3 14.9 22.3





#41

Hexachlorocyclopentadiene

Concen: 80.582 ng

RT: 12.542 min Scan# 1

Delta R.T. -0.029 min

Lab File: BP025645.D

Acq: 02 Sep 2025 19:41

Instrument :

BNA\_P

ClientSampleId :

RT5427MS

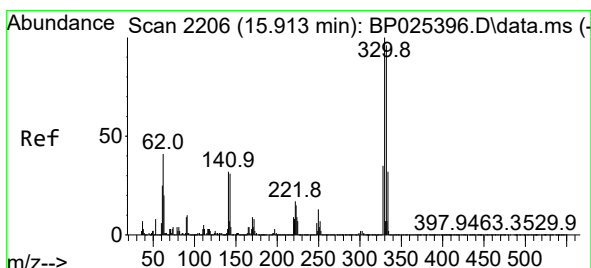
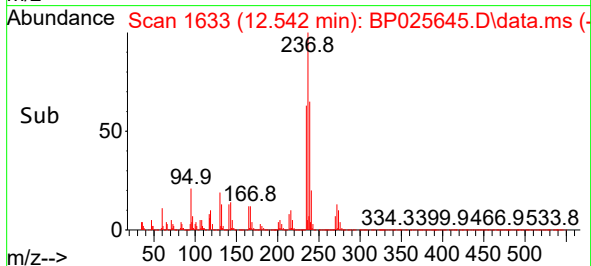
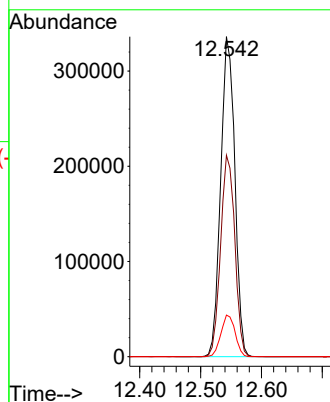
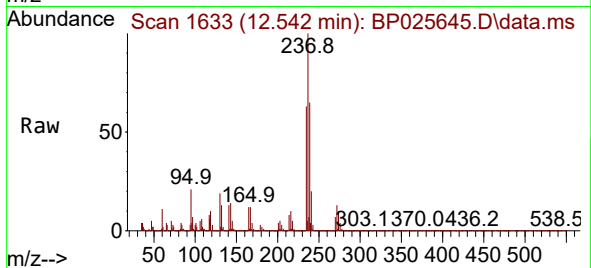
Tgt Ion:237 Resp: 541354

Ion Ratio Lower Upper

237 100

235 63.0 42.7 82.7

272 13.0 0.0 34.0



#42

2,4,6-Tribromophenol

Concen: 150.369 ng

RT: 15.889 min Scan# 2202

Delta R.T. -0.024 min

Lab File: BP025645.D

Acq: 02 Sep 2025 19:41

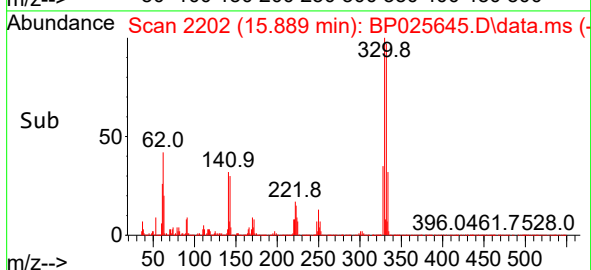
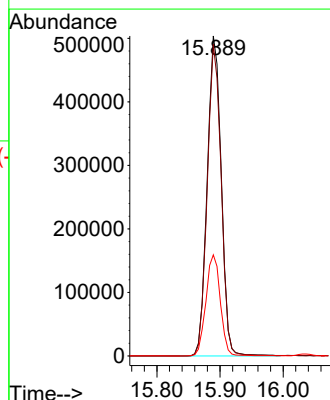
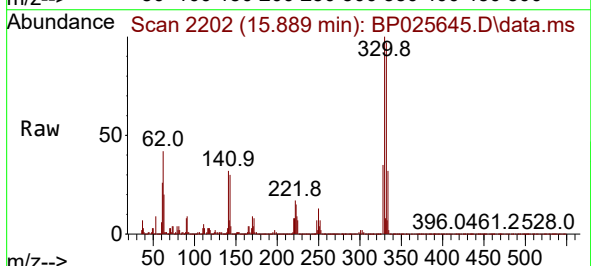
Tgt Ion:330 Resp: 779420

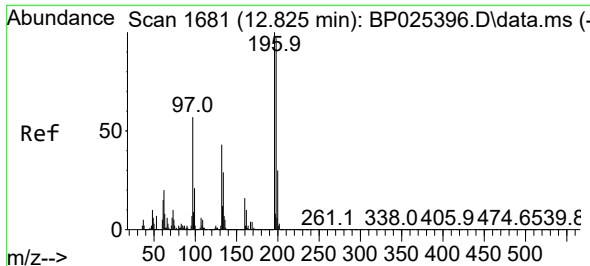
Ion Ratio Lower Upper

330 100

332 96.4 77.3 115.9

141 32.3 26.6 39.8

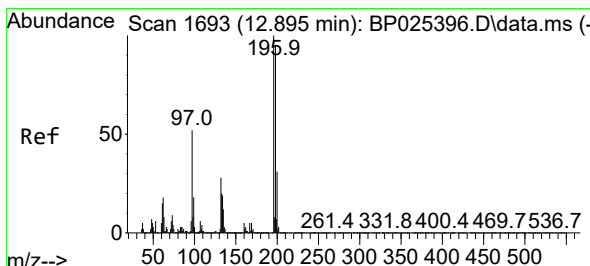
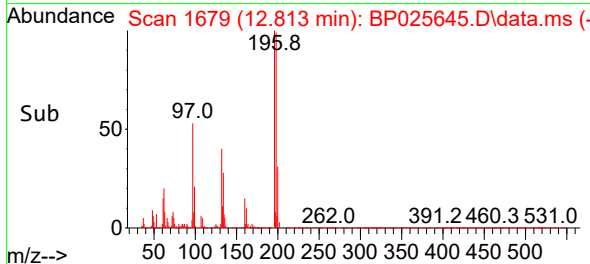
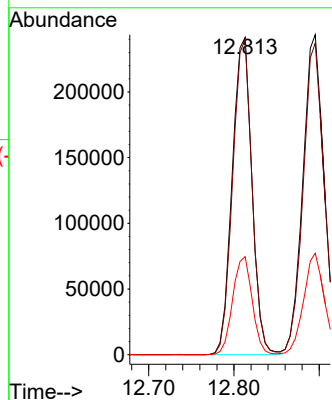
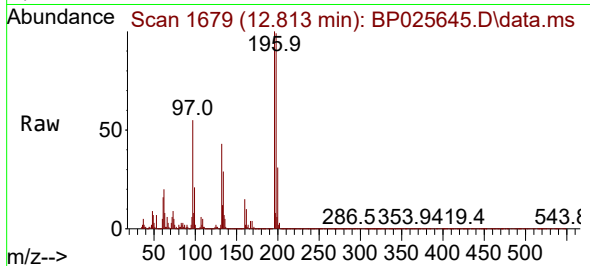




#43  
2,4,6-Trichlorophenol  
Concen: 51.570 ng  
RT: 12.813 min Scan# 1679  
Delta R.T. -0.012 min  
Lab File: BP025645.D  
Acq: 02 Sep 2025 19:41

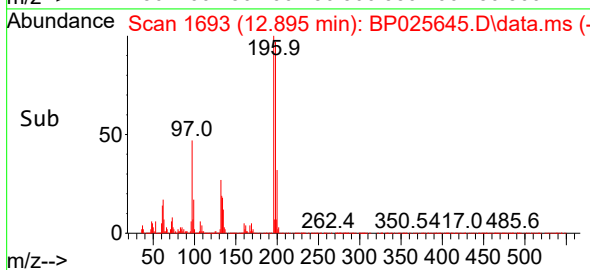
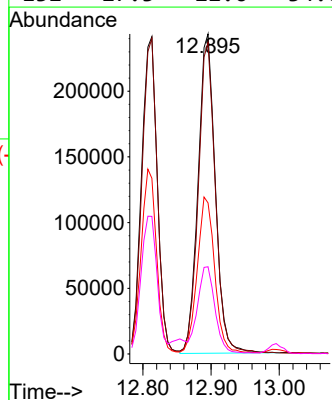
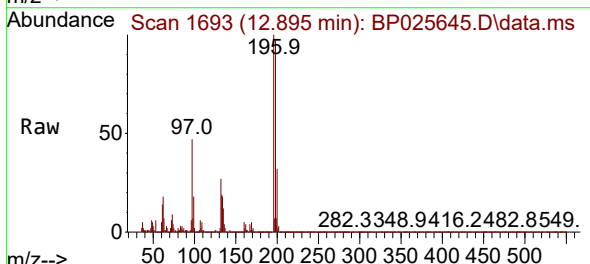
Instrument :  
BNA\_P  
ClientSampleId :  
RT5427MS

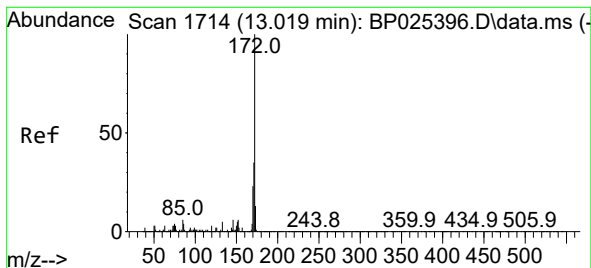
Tgt Ion:196 Resp: 387213  
Ion Ratio Lower Upper  
196 100  
198 99.5 77.2 115.8  
200 30.9 23.9 35.9



#44  
2,4,5-Trichlorophenol  
Concen: 52.059 ng  
RT: 12.895 min Scan# 1693  
Delta R.T. 0.000 min  
Lab File: BP025645.D  
Acq: 02 Sep 2025 19:41

Tgt Ion:196 Resp: 428404  
Ion Ratio Lower Upper  
196 100  
198 97.4 76.2 114.2  
97 47.2 41.2 61.8  
132 27.3 22.6 34.0





#45

2-Fluorobiphenyl

Concen: 80.611 ng

RT: 12.995 min Scan# 1710

Delta R.T. -0.024 min

Lab File: BP025645.D

Acq: 02 Sep 2025 19:41

Instrument :

BNA\_P

ClientSampleId :

RT5427MS

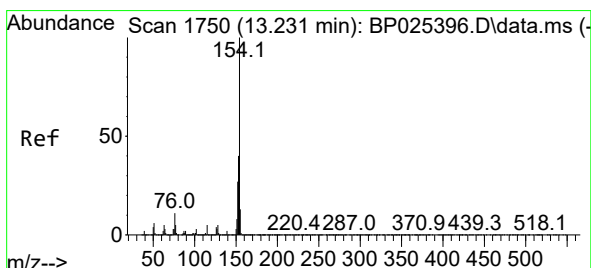
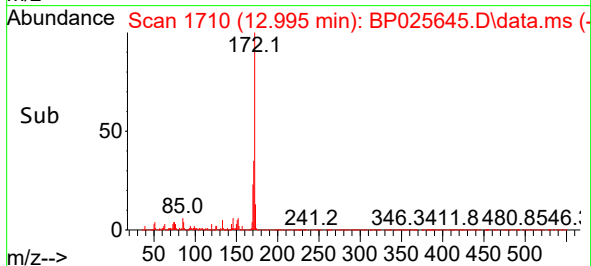
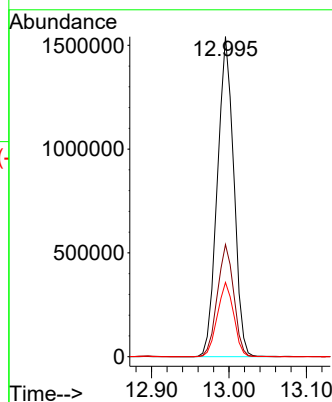
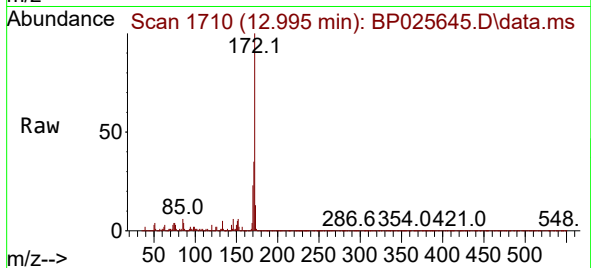
Tgt Ion:172 Resp: 2271385

Ion Ratio Lower Upper

172 100

171 35.0 28.1 42.1

170 23.2 18.6 28.0



#46

1,1'-Biphenyl

Concen: 48.466 ng

RT: 13.207 min Scan# 1746

Delta R.T. -0.024 min

Lab File: BP025645.D

Acq: 02 Sep 2025 19:41

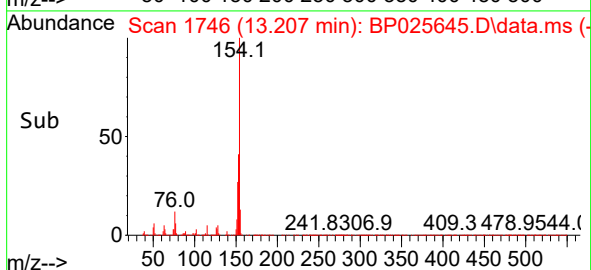
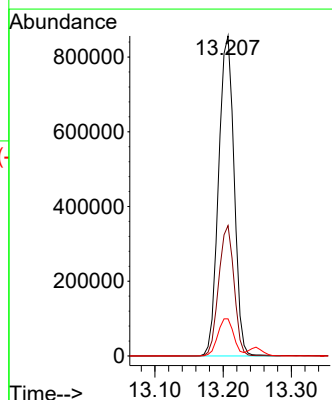
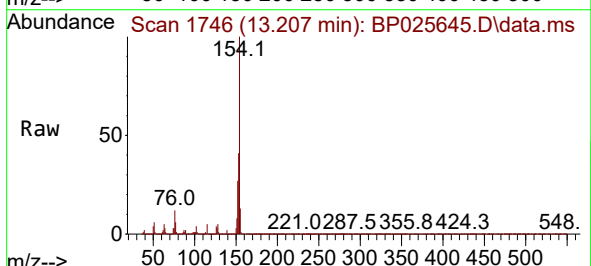
Tgt Ion:154 Resp: 1355481

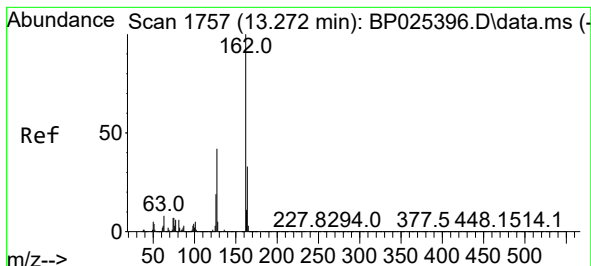
Ion Ratio Lower Upper

154 100

153 40.8 19.5 59.5

76 11.6 0.0 31.1

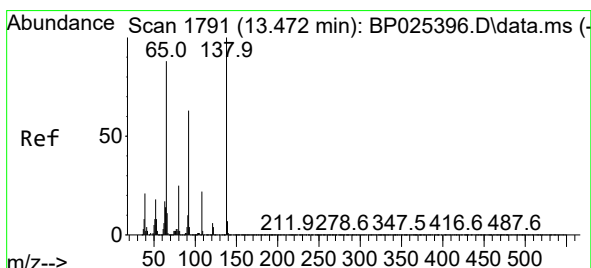
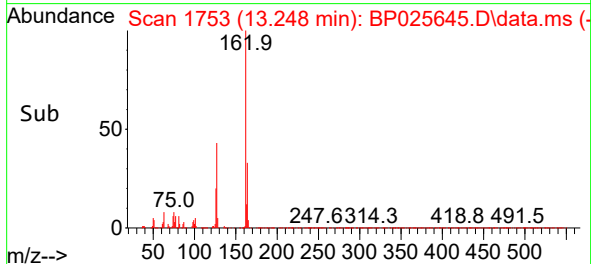
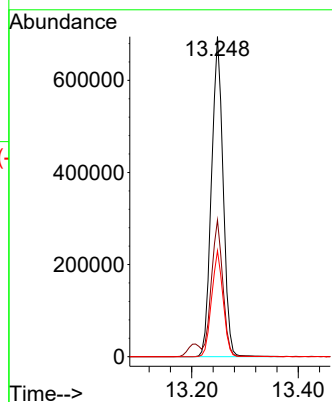
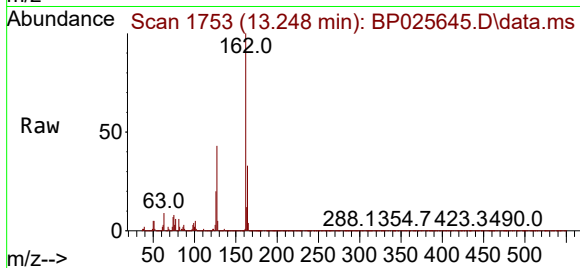




#47  
2-Chloronaphthalene  
Concen: 48.322 ng  
RT: 13.248 min Scan# 1753  
Delta R.T. -0.024 min  
Lab File: BP025645.D  
Acq: 02 Sep 2025 19:41

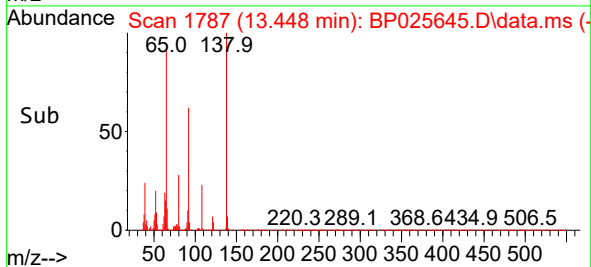
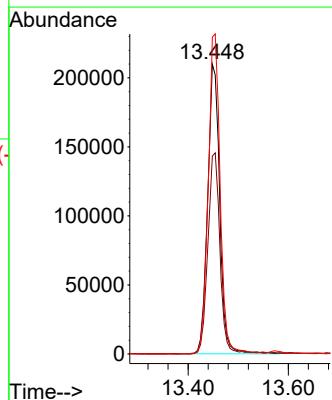
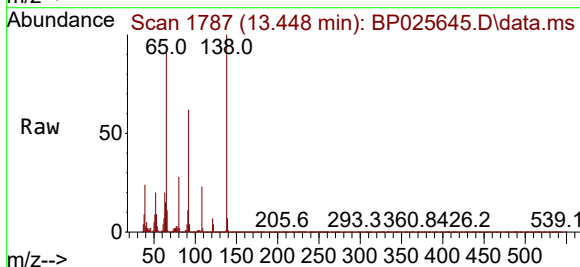
Instrument :  
BNA\_P  
ClientSampleId :  
RT5427MS

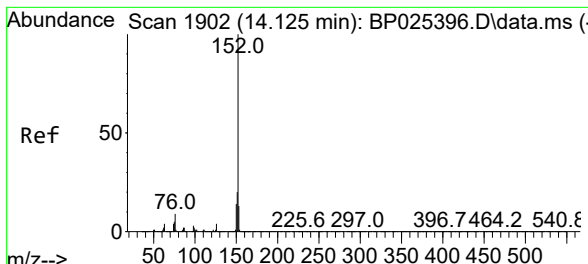
Tgt Ion:162 Resp: 1052099  
Ion Ratio Lower Upper  
162 100  
127 42.7 33.4 50.2  
164 33.1 26.2 39.2



#48  
2-Nitroaniline  
Concen: 55.495 ng  
RT: 13.448 min Scan# 1787  
Delta R.T. -0.024 min  
Lab File: BP025645.D  
Acq: 02 Sep 2025 19:41

Tgt Ion: 65 Resp: 352062  
Ion Ratio Lower Upper  
65 100  
92 68.3 57.6 86.4  
138 109.4 91.0 136.6



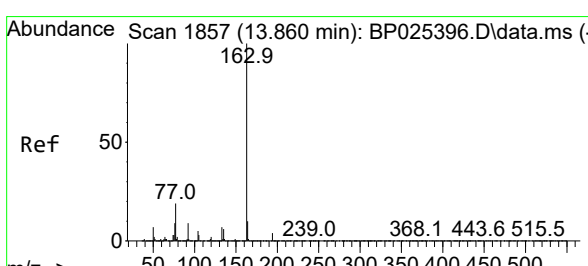
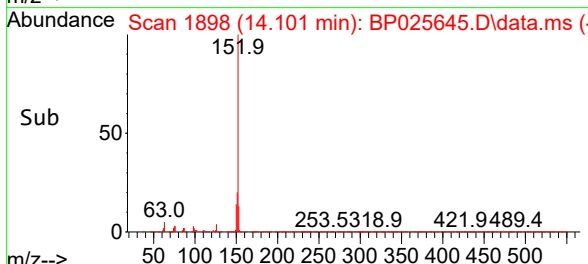
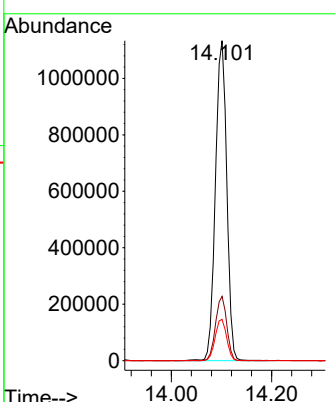
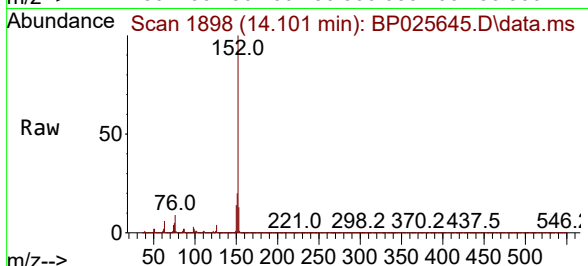


#49  
 Acenaphthylene  
 Concen: 49.134 ng  
 RT: 14.101 min Scan# 1898  
 Delta R.T. -0.024 min  
 Lab File: BP025645.D  
 Acq: 02 Sep 2025 19:41

Instrument : BNA\_P  
 ClientSampleId : RT5427MS

Tgt Ion:152 Resp: 1770170

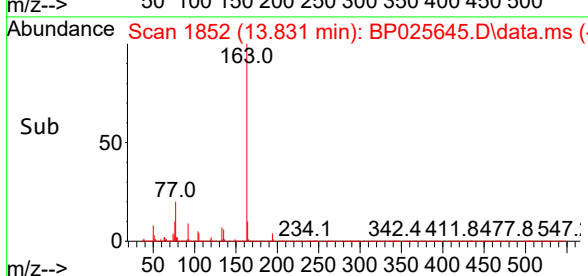
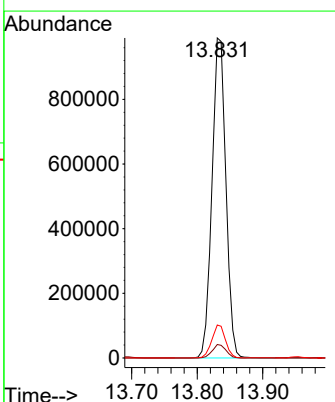
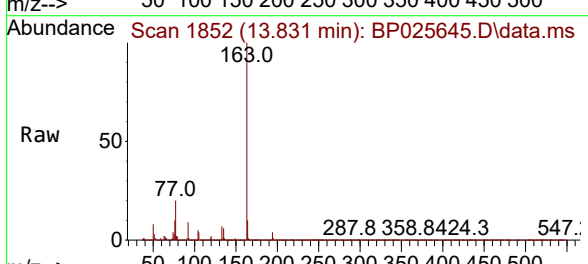
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 152 | 100   |       |       |
| 151 | 20.1  | 16.0  | 24.0  |
| 153 | 12.9  | 10.6  | 15.8  |

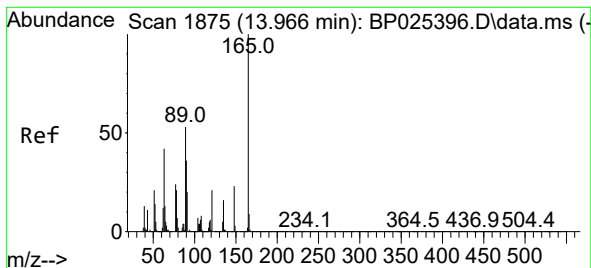


#50  
 Dimethylphthalate  
 Concen: 51.436 ng  
 RT: 13.831 min Scan# 1852  
 Delta R.T. -0.029 min  
 Lab File: BP025645.D  
 Acq: 02 Sep 2025 19:41

Tgt Ion:163 Resp: 1450476

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 163 | 100   |       |       |
| 194 | 4.2   | 3.4   | 5.0   |
| 164 | 10.3  | 7.9   | 11.9  |





#51

2,6-Dinitrotoluene

Concen: 52.884 ng

RT: 13.948 min Scan# 1875

Delta R.T. -0.018 min

Lab File: BP025645.D

Acq: 02 Sep 2025 19:41

Instrument :

BNA\_P

ClientSampleId :

RT5427MS

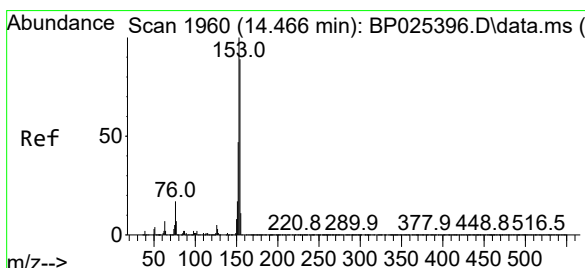
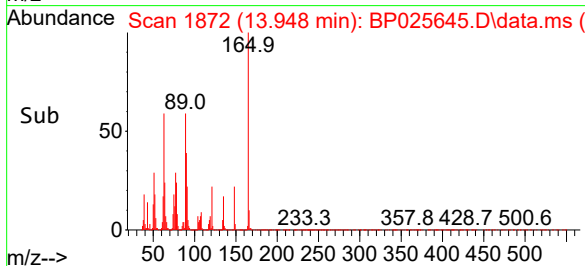
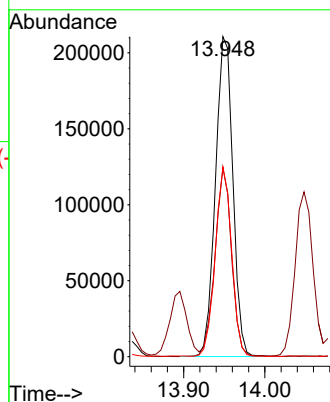
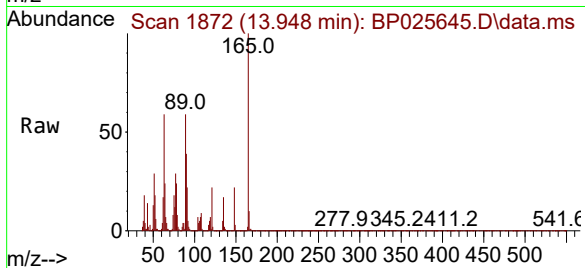
Tgt Ion:165 Resp: 314326

Ion Ratio Lower Upper

165 100

63 59.0 40.9 61.3

89 59.3 42.1 63.1



#52

Acenaphthene

Concen: 48.328 ng

RT: 14.442 min Scan# 1956

Delta R.T. -0.024 min

Lab File: BP025645.D

Acq: 02 Sep 2025 19:41

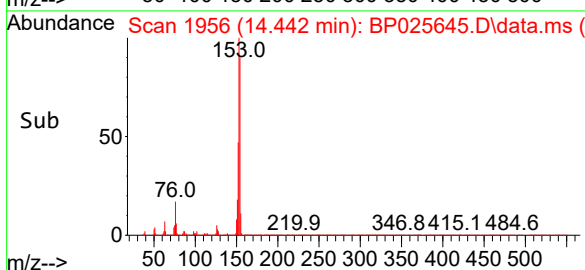
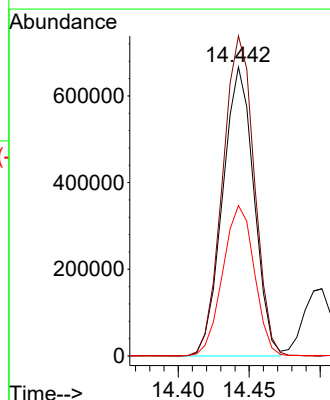
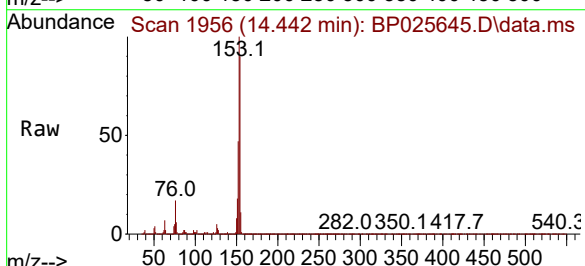
Tgt Ion:154 Resp: 1022015

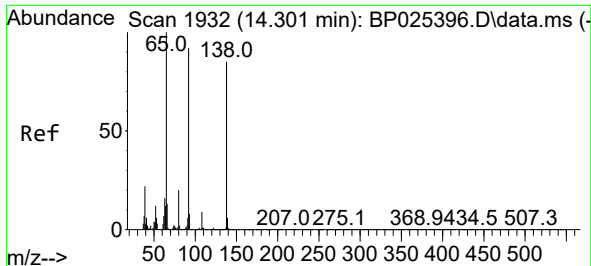
Ion Ratio Lower Upper

154 100

153 110.7 90.2 135.2

152 52.0 42.1 63.1

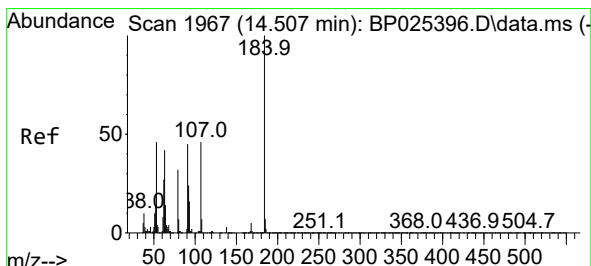
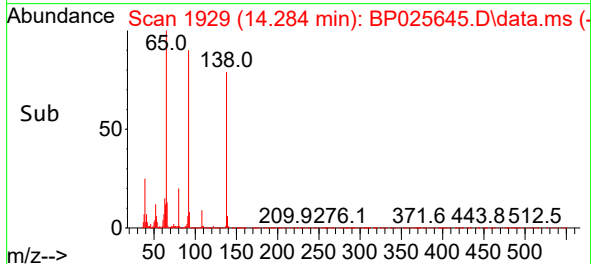
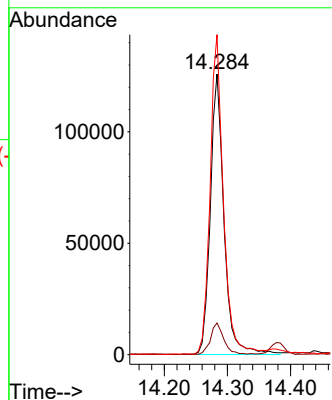
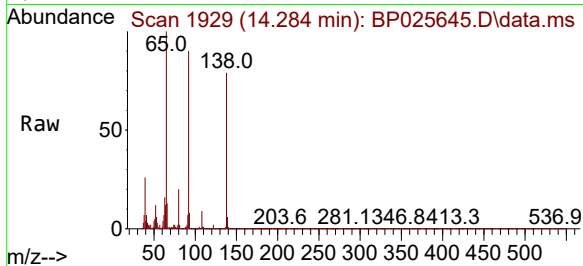




#53  
3-Nitroaniline  
Concen: 28.193 ng  
RT: 14.284 min Scan# 1932  
Delta R.T. -0.018 min  
Lab File: BP025645.D  
Acq: 02 Sep 2025 19:41

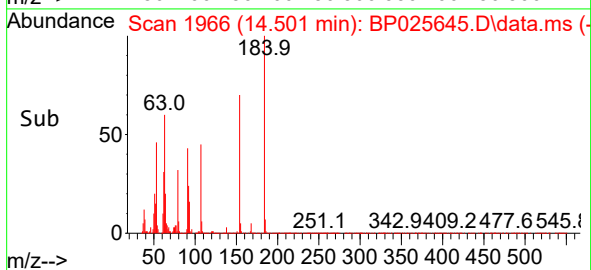
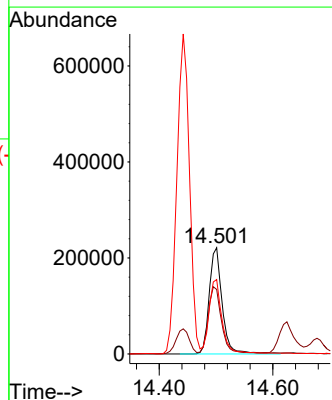
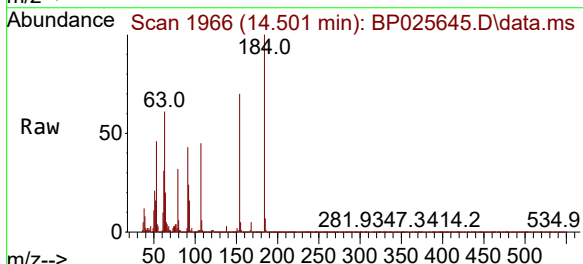
Instrument :  
BNA\_P  
ClientSampleId :  
RT5427MS

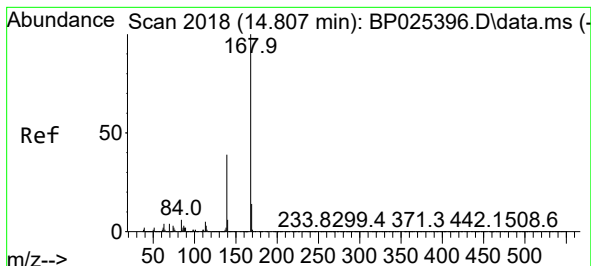
Tgt Ion:138 Resp: 188533  
Ion Ratio Lower Upper  
138 100  
108 11.3 8.3 12.5  
92 114.0 86.2 129.2



#54  
2,4-Dinitrophenol  
Concen: 110.366 ng  
RT: 14.501 min Scan# 1966  
Delta R.T. -0.006 min  
Lab File: BP025645.D  
Acq: 02 Sep 2025 19:41

Tgt Ion:184 Resp: 350315  
Ion Ratio Lower Upper  
184 100  
63 60.8 49.4 74.2  
154 70.1 54.6 82.0

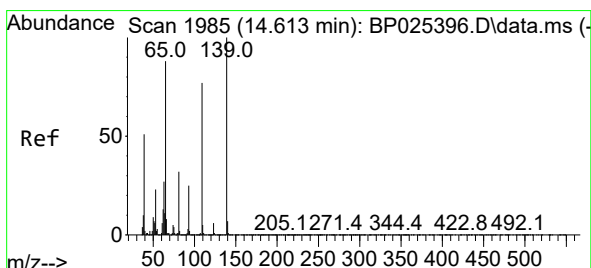
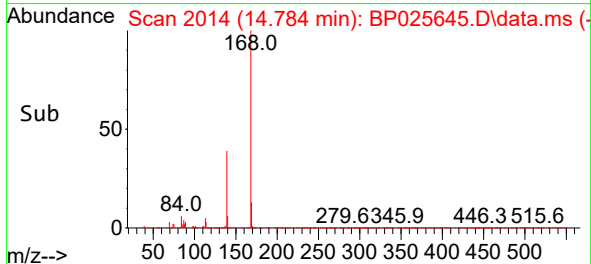
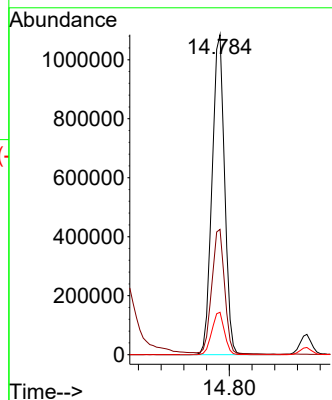
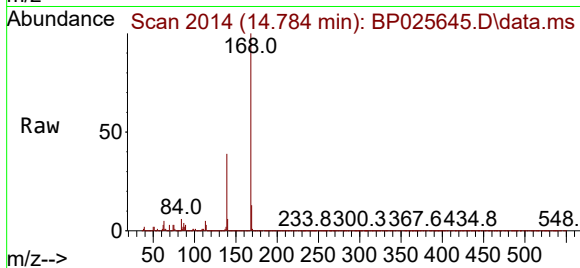




#55  
Dibenzenofuran  
Concen: 49.408 ng  
RT: 14.784 min Scan# 2018  
Delta R.T. -0.024 min  
Lab File: BP025645.D  
Acq: 02 Sep 2025 19:41

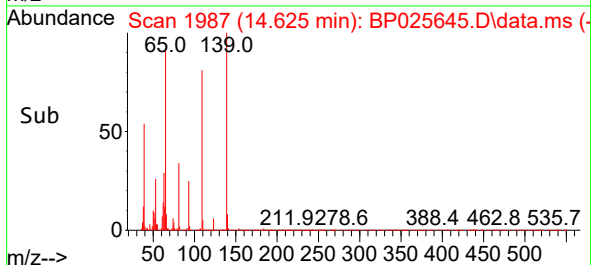
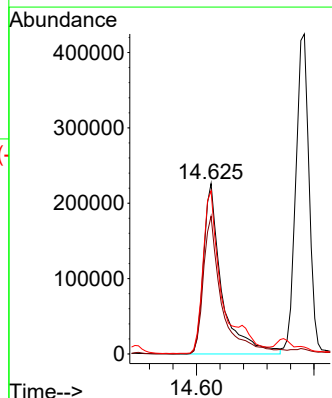
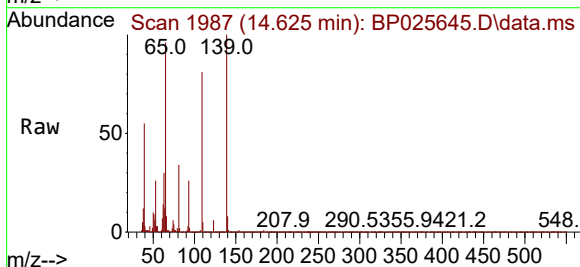
Instrument :  
BNA\_P  
ClientSampleId :  
RT5427MS

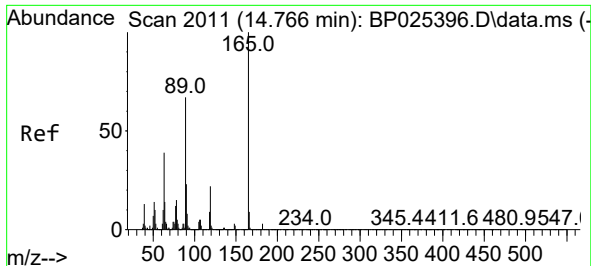
Tgt Ion:168 Resp: 1651907  
Ion Ratio Lower Upper  
168 100  
139 39.1 31.5 47.3  
169 13.2 10.9 16.3



#56  
4-Nitrophenol  
Concen: 88.720 ng  
RT: 14.625 min Scan# 1987  
Delta R.T. 0.012 min  
Lab File: BP025645.D  
Acq: 02 Sep 2025 19:41

Tgt Ion:139 Resp: 487530  
Ion Ratio Lower Upper  
139 100  
109 80.9 56.6 96.6  
65 95.8 68.2 108.2





#57

2,4-Dinitrotoluene

Concen: 53.921 ng

RT: 14.748 min Scan# 2011

Delta R.T. -0.018 min

Lab File: BP025645.D

Acq: 02 Sep 2025 19:41

Instrument :

BNA\_P

ClientSampleId :

RT5427MS

Tgt Ion:165 Resp: 457260

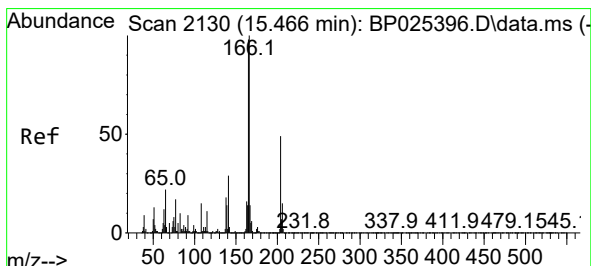
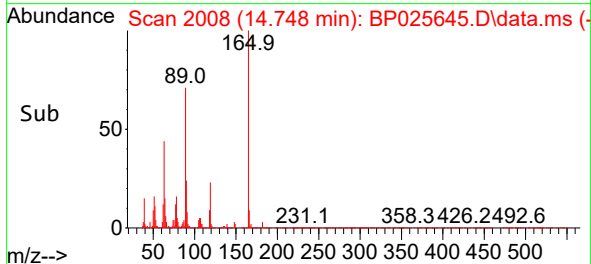
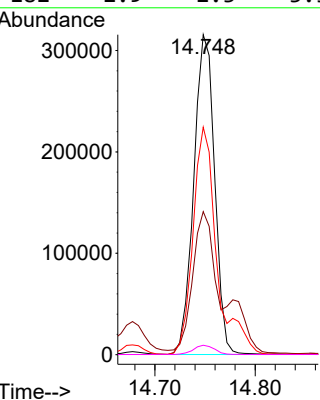
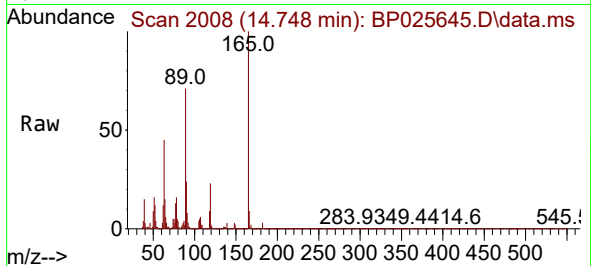
Ion Ratio Lower Upper

165 100

63 44.7 31.4 47.2

89 71.1 53.3 79.9

182 2.9 2.3 3.5



#58

Fluorene

Concen: 49.912 ng

RT: 15.436 min Scan# 2125

Delta R.T. -0.029 min

Lab File: BP025645.D

Acq: 02 Sep 2025 19:41

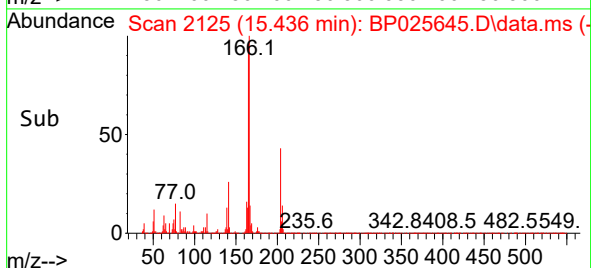
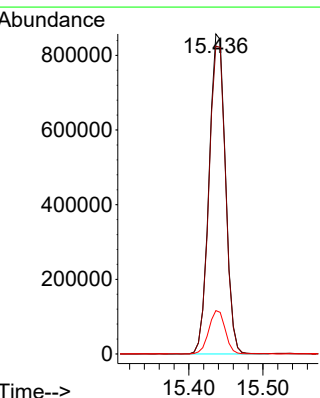
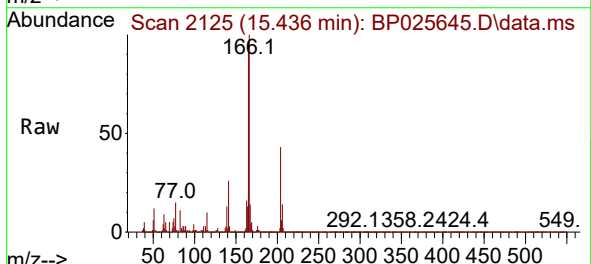
Tgt Ion:166 Resp: 1316776

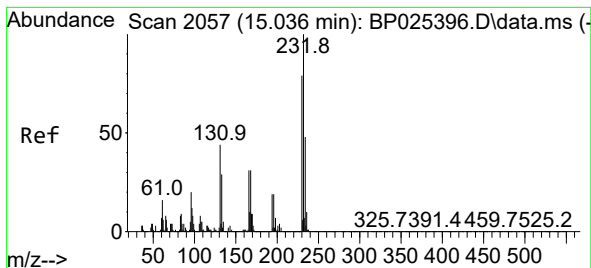
Ion Ratio Lower Upper

166 100

165 96.3 78.8 118.2

167 13.6 11.0 16.4

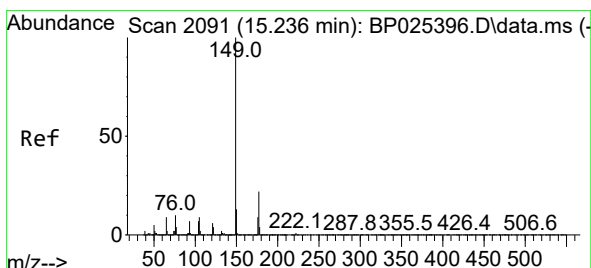
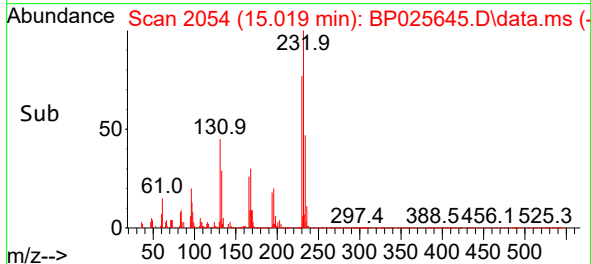
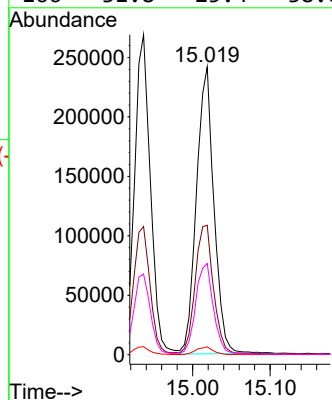
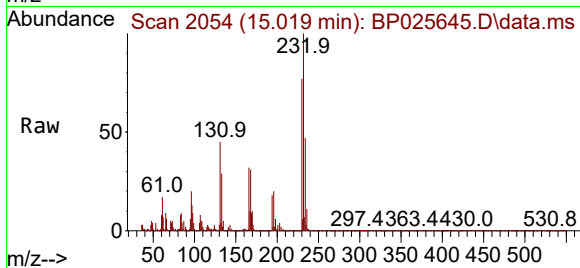




#59  
2,3,4,6-Tetrachlorophenol  
Concen: 51.981 ng  
RT: 15.019 min Scan# 2054  
Delta R.T. -0.018 min  
Lab File: BP025645.D  
Acq: 02 Sep 2025 19:41

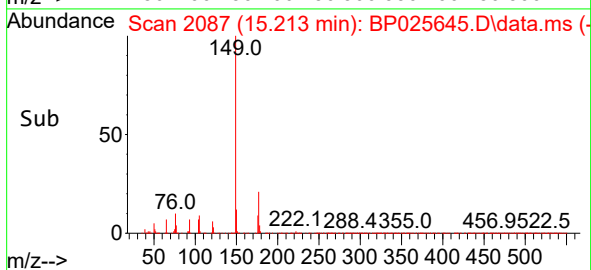
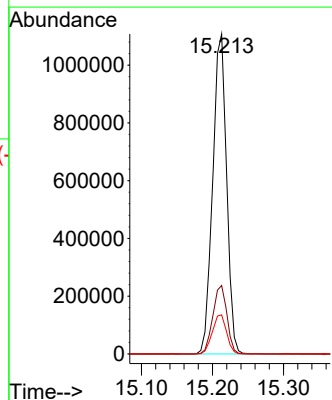
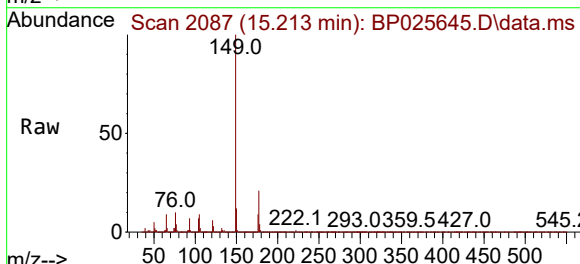
Instrument :  
BNA\_P  
ClientSampleId :  
RT5427MS

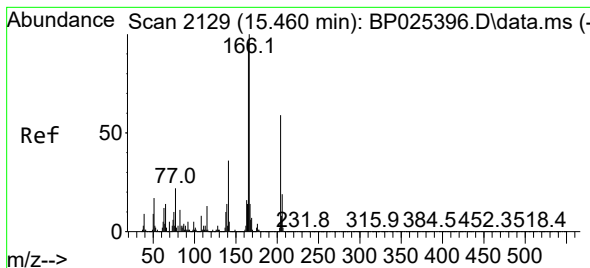
Tgt Ion:232 Resp: 377700  
Ion Ratio Lower Upper  
232 100  
131 48.0 37.0 55.6  
130 2.8 1.9 2.9  
166 31.8 25.4 38.0



#60  
Diethylphthalate  
Concen: 52.445 ng  
RT: 15.213 min Scan# 2087  
Delta R.T. -0.024 min  
Lab File: BP025645.D  
Acq: 02 Sep 2025 19:41

Tgt Ion:149 Resp: 1502759  
Ion Ratio Lower Upper  
149 100  
177 21.4 17.3 25.9  
150 12.2 10.3 15.5

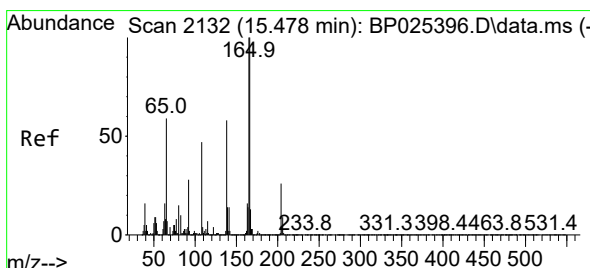
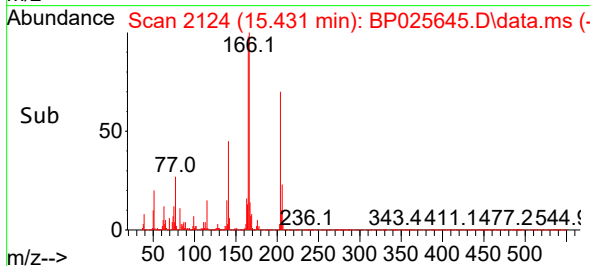
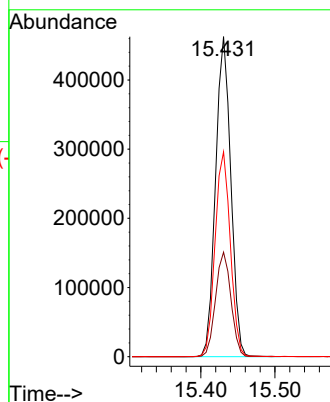
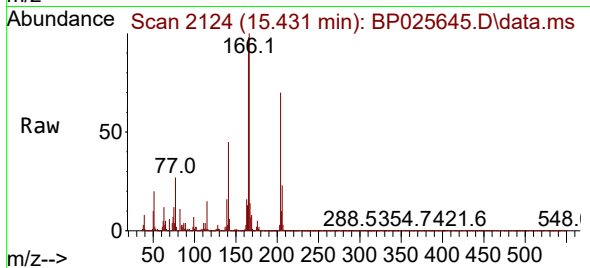




#61  
4-Chlorophenyl-phenylether  
Concen: 50.310 ng  
RT: 15.431 min Scan# 2124  
Delta R.T. -0.029 min  
Lab File: BP025645.D  
Acq: 02 Sep 2025 19:41

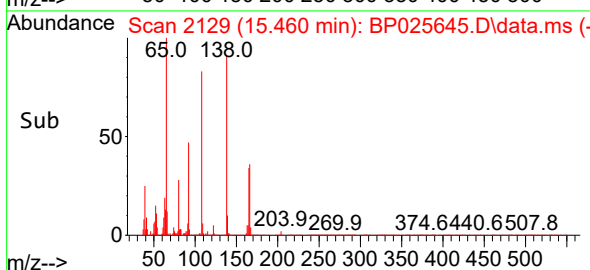
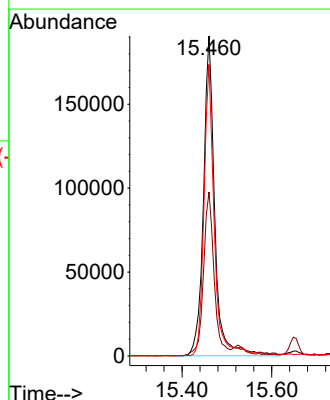
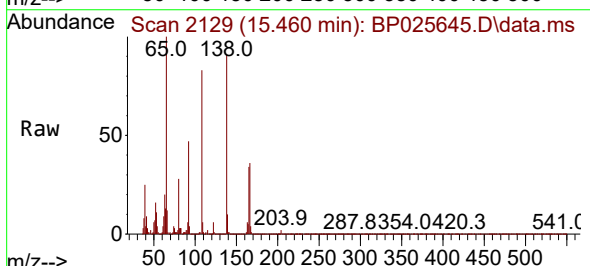
Instrument :  
BNA\_P  
ClientSampleId :  
RT5427MS

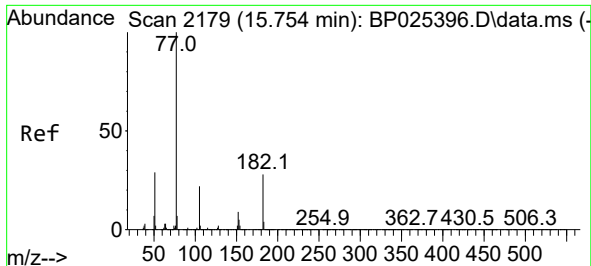
Tgt Ion:204 Resp: 660105  
Ion Ratio Lower Upper  
204 100  
206 32.7 25.8 38.8  
141 64.0 49.4 74.2



#62  
4-Nitroaniline  
Concen: 48.601 ng  
RT: 15.460 min Scan# 2129  
Delta R.T. -0.018 min  
Lab File: BP025645.D  
Acq: 02 Sep 2025 19:41

Tgt Ion:138 Resp: 333189  
Ion Ratio Lower Upper  
138 100  
92 51.2 29.1 69.1  
108 91.2 61.5 101.5

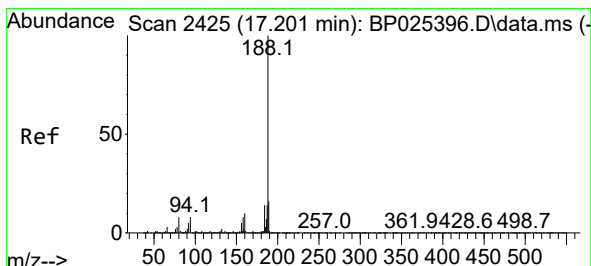
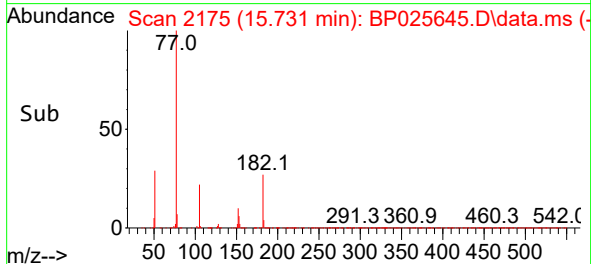
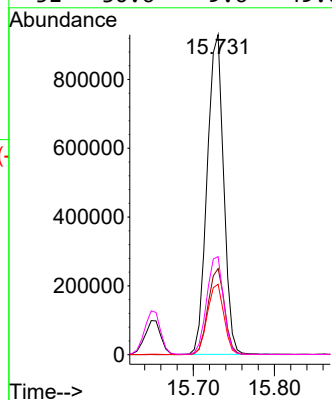
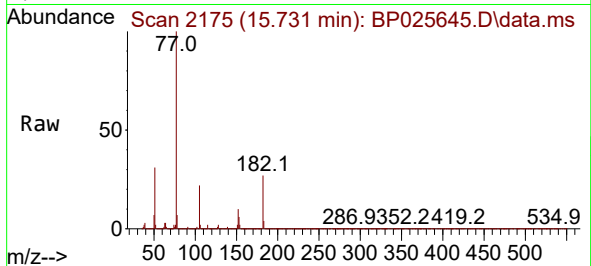




#63  
Azobenzene  
Concen: 53.316 ng  
RT: 15.731 min Scan# 2175  
Delta R.T. -0.024 min  
Lab File: BP025645.D  
Acq: 02 Sep 2025 19:41

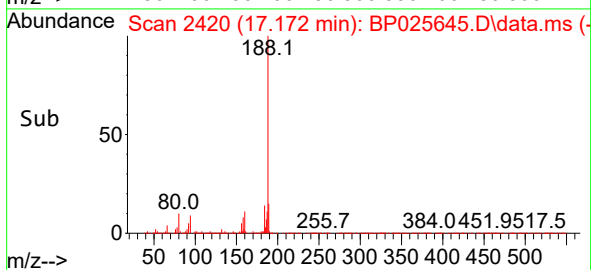
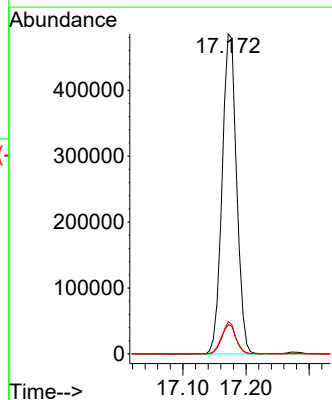
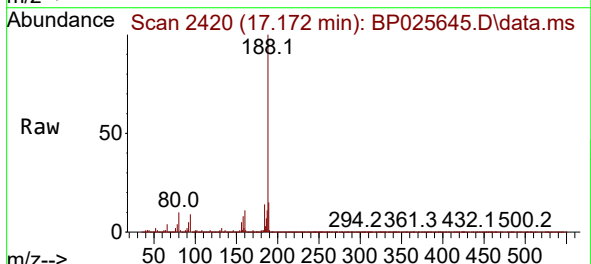
Instrument :  
BNA\_P  
ClientSampleId :  
RT5427MS

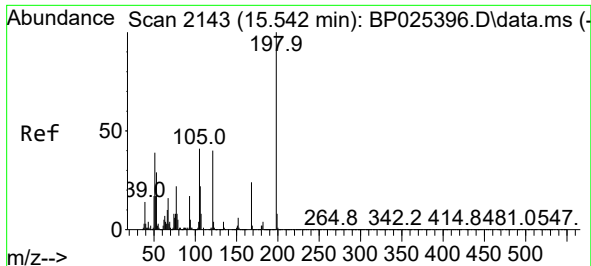
Tgt Ion: 77 Resp: 1308125  
Ion Ratio Lower Upper  
77 100  
182 26.9 7.5 47.5  
105 22.0 2.1 42.1  
51 30.6 9.6 49.6



#64  
Phenanthrene-d10  
Concen: 20.000 ng  
RT: 17.172 min Scan# 2420  
Delta R.T. -0.029 min  
Lab File: BP025645.D  
Acq: 02 Sep 2025 19:41

Tgt Ion:188 Resp: 775826  
Ion Ratio Lower Upper  
188 100  
94 9.2 6.6 10.0  
80 10.1 6.7 10.1#

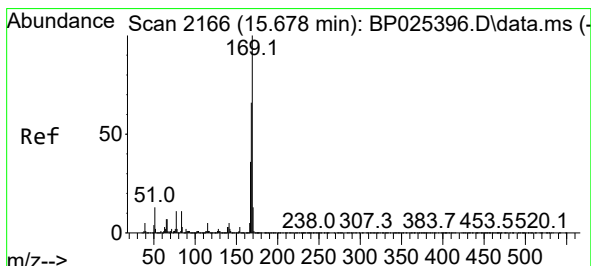
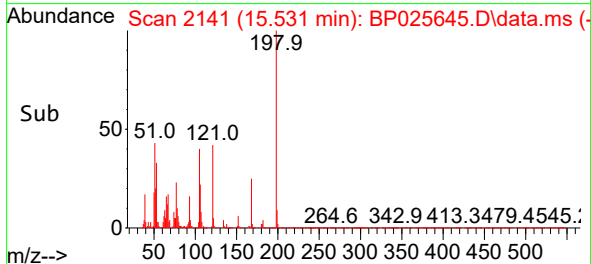
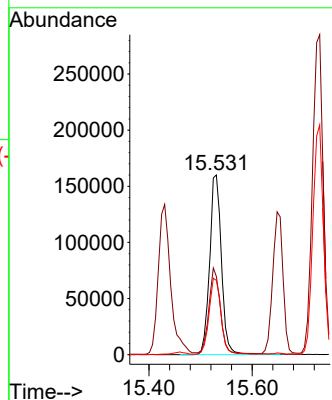
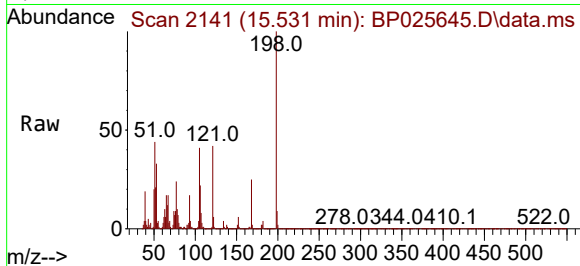




#65  
4,6-Dinitro-2-methylphenol  
Concen: 52.509 ng  
RT: 15.531 min Scan# 2141  
Delta R.T. -0.012 min  
Lab File: BP025645.D  
Acq: 02 Sep 2025 19:41

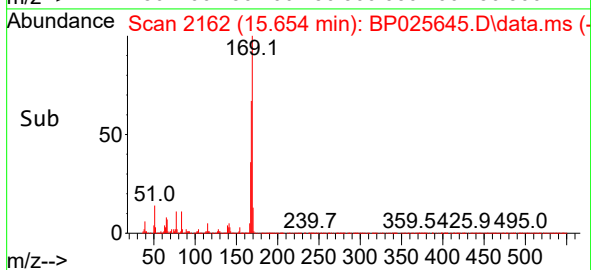
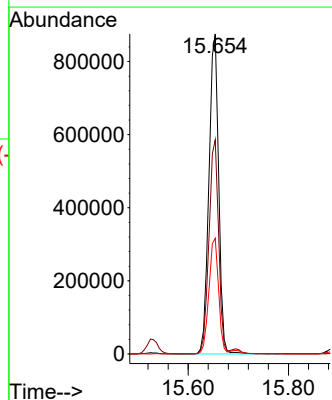
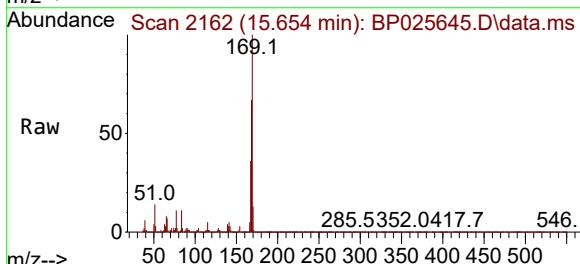
Instrument :  
BNA\_P  
ClientSampleId :  
RT5427MS

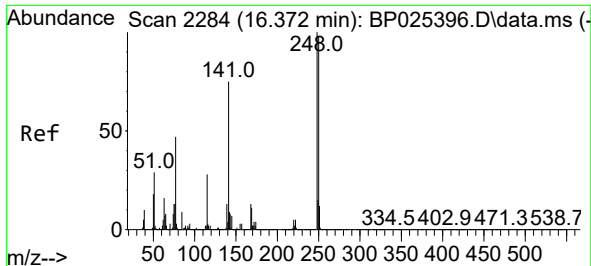
Tgt Ion:198 Resp: 253941  
Ion Ratio Lower Upper  
198 100  
51 43.5 19.6 59.6  
105 41.4 20.9 60.9



#66  
n-Nitrosodiphenylamine  
Concen: 49.935 ng  
RT: 15.654 min Scan# 2162  
Delta R.T. -0.024 min  
Lab File: BP025645.D  
Acq: 02 Sep 2025 19:41

Tgt Ion:169 Resp: 1181366  
Ion Ratio Lower Upper  
169 100  
168 67.0 53.2 79.8  
167 36.1 28.7 43.1

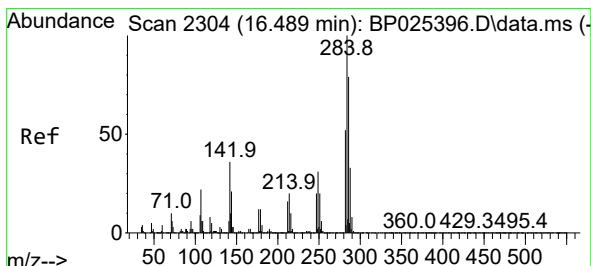
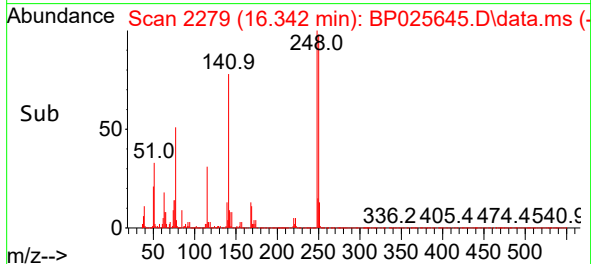
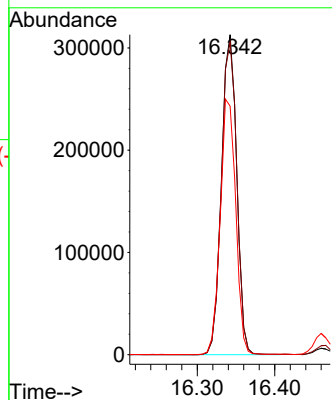
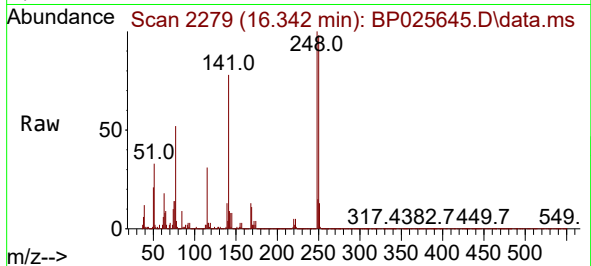




#67  
4-Bromophenyl-phenylether  
Concen: 50.246 ng  
RT: 16.342 min Scan# 2279  
Delta R.T. -0.029 min  
Lab File: BP025645.D  
Acq: 02 Sep 2025 19:41

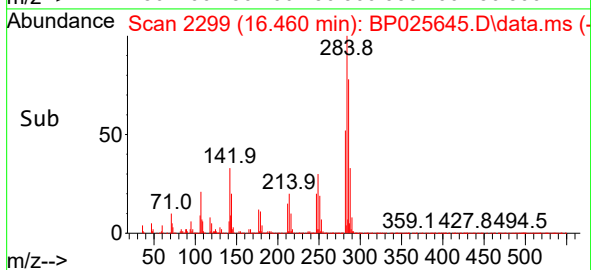
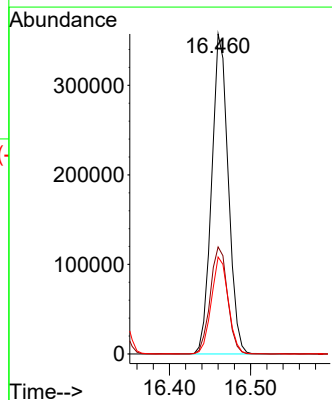
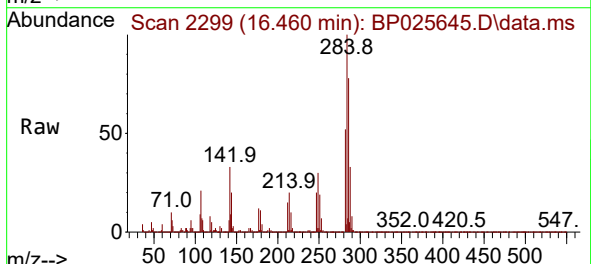
Instrument :  
BNA\_P  
ClientSampleId :  
RT5427MS

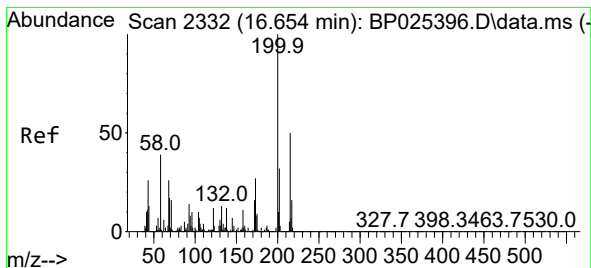
Tgt Ion:248 Resp: 428736  
Ion Ratio Lower Upper  
248 100  
250 97.6 78.2 117.2  
141 77.7 59.6 89.4



#68  
Hexachlorobenzene  
Concen: 51.274 ng  
RT: 16.460 min Scan# 2299  
Delta R.T. -0.029 min  
Lab File: BP025645.D  
Acq: 02 Sep 2025 19:41

Tgt Ion:284 Resp: 507159  
Ion Ratio Lower Upper  
284 100  
142 33.5 29.1 43.7  
249 30.3 25.0 37.4





#69

Atrazine

Concen: 51.818 ng

RT: 16.631 min Scan# 21

Delta R.T. -0.024 min

Lab File: BP025645.D

Acq: 02 Sep 2025 19:41

Instrument :

BNA\_P

ClientSampleId :

RT5427MS

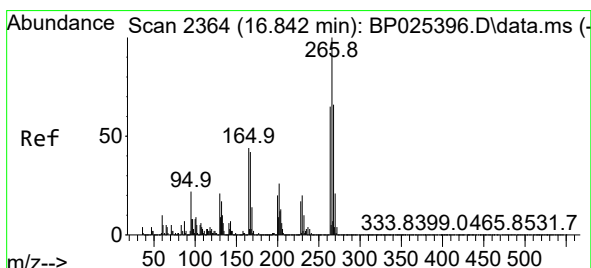
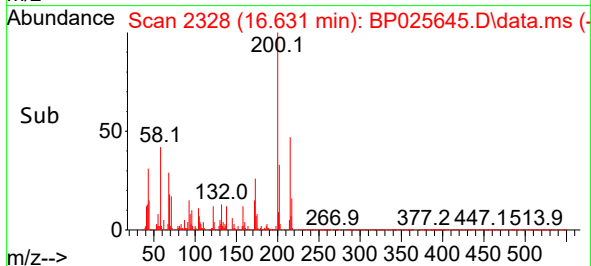
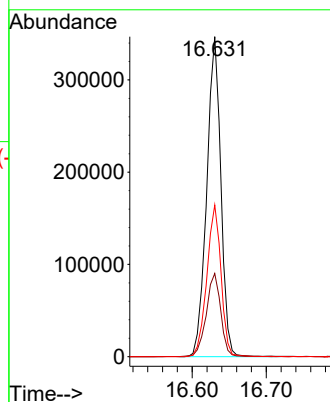
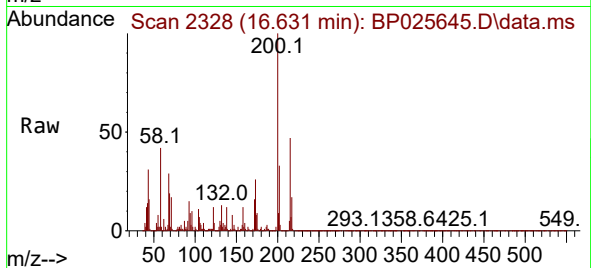
Tgt Ion:200 Resp: 459104

Ion Ratio Lower Upper

200 100

173 26.0 6.7 46.7

215 47.4 29.7 69.7



#70

Pentachlorophenol

Concen: 108.732 ng

RT: 16.825 min Scan# 2361

Delta R.T. -0.018 min

Lab File: BP025645.D

Acq: 02 Sep 2025 19:41

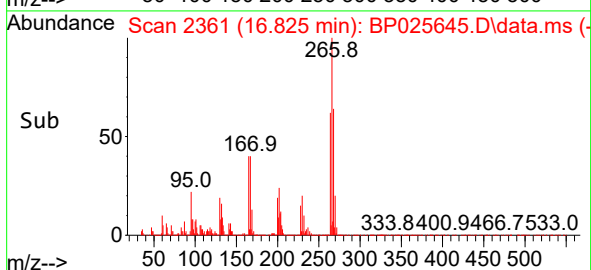
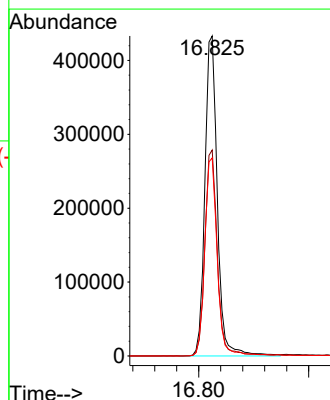
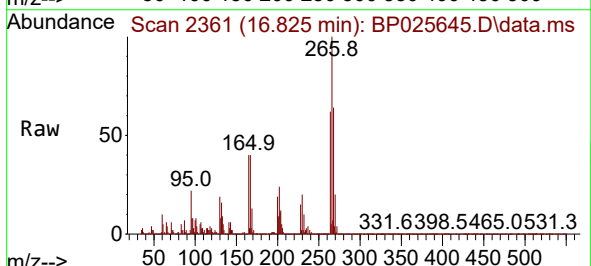
Tgt Ion:266 Resp: 678901

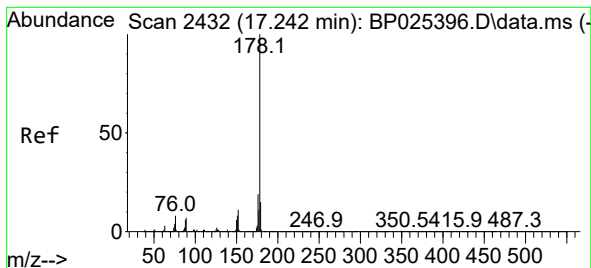
Ion Ratio Lower Upper

266 100

268 64.4 52.6 79.0

264 61.9 52.0 78.0





#71

Phenanthrene

Concen: 50.213 ng

RT: 17.219 min Scan# 2432

Delta R.T. -0.024 min

Lab File: BP025645.D

Acq: 02 Sep 2025 19:41

Instrument :

BNA\_P

ClientSampleId :

RT5427MS

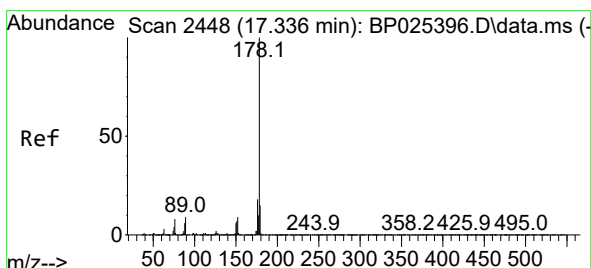
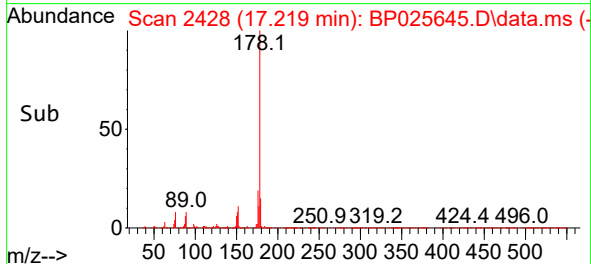
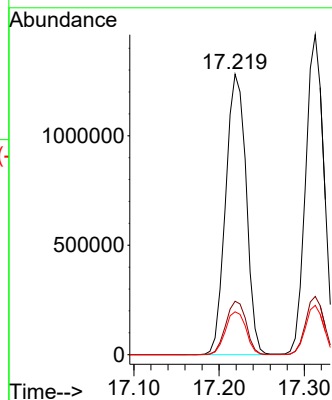
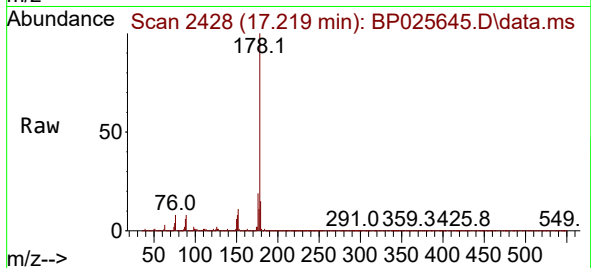
Tgt Ion:178 Resp: 2140019

Ion Ratio Lower Upper

178 100

176 19.0 15.5 23.3

179 15.3 12.2 18.4



#72

Anthracene

Concen: 50.088 ng

RT: 17.313 min Scan# 2444

Delta R.T. -0.024 min

Lab File: BP025645.D

Acq: 02 Sep 2025 19:41

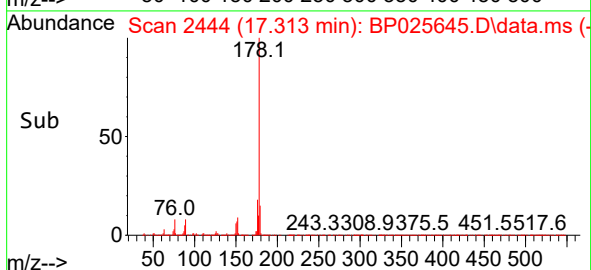
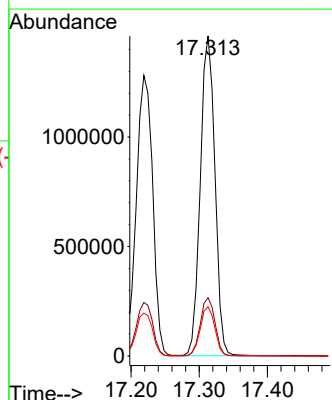
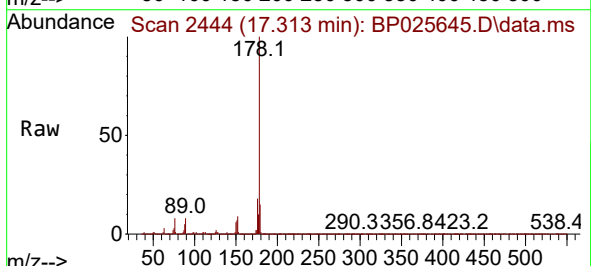
Tgt Ion:178 Resp: 2179930

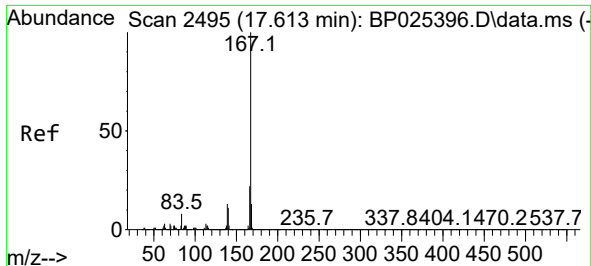
Ion Ratio Lower Upper

178 100

176 18.2 14.7 22.1

179 15.4 12.2 18.2

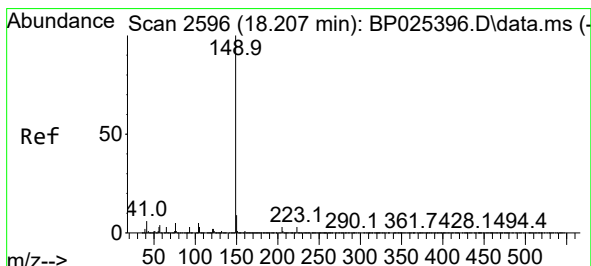
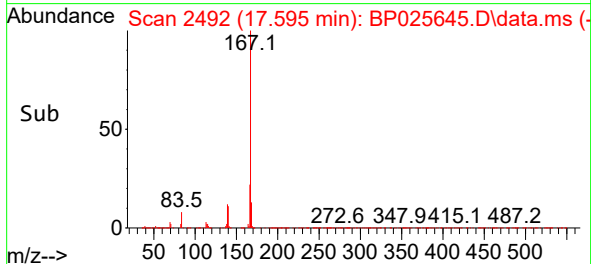
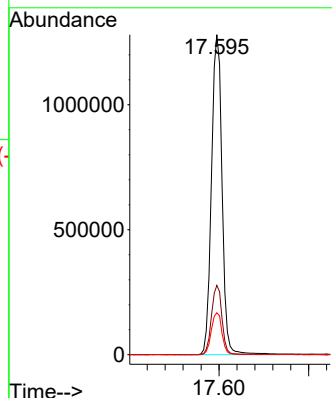
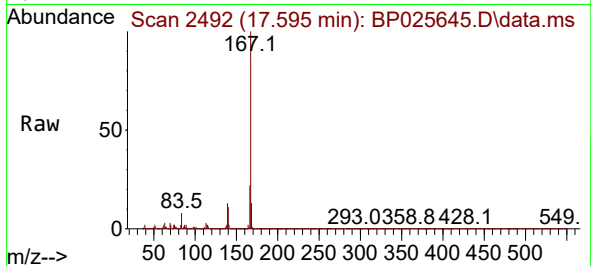




#73  
 Carbazole  
 Concen: 50.997 ng  
 RT: 17.595 min Scan# 2495  
 Delta R.T. -0.018 min  
 Lab File: BP025645.D  
 Acq: 02 Sep 2025 19:41

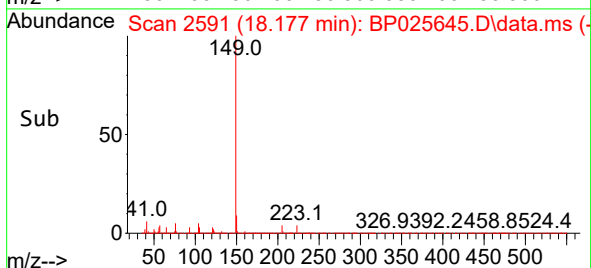
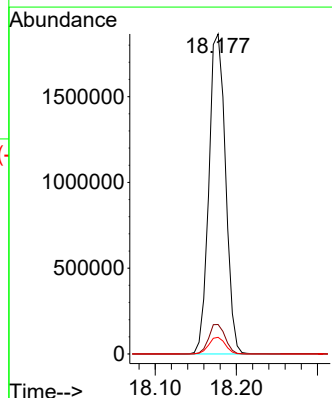
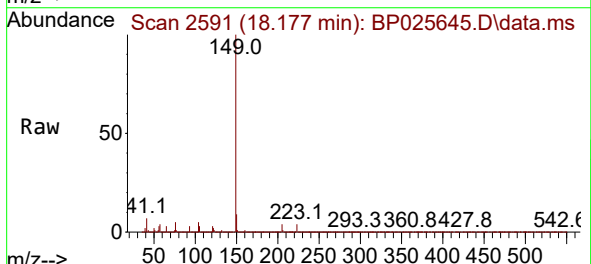
Instrument :  
 BNA\_P  
 ClientSampleId :  
 RT5427MS

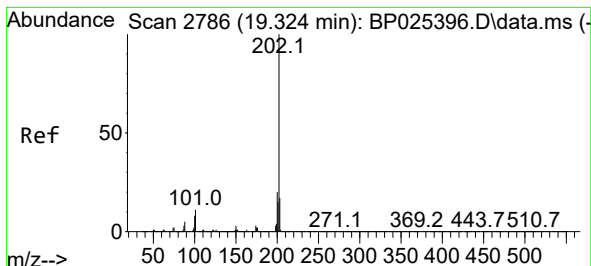
Tgt Ion:167 Resp: 2090564  
 Ion Ratio Lower Upper  
 167 100  
 166 21.7 17.5 26.3  
 139 13.1 10.6 16.0



#74  
 Di-n-butylphthalate  
 Concen: 52.617 ng  
 RT: 18.177 min Scan# 2591  
 Delta R.T. -0.029 min  
 Lab File: BP025645.D  
 Acq: 02 Sep 2025 19:41

Tgt Ion:149 Resp: 2653828  
 Ion Ratio Lower Upper  
 149 100  
 150 9.2 7.4 11.0  
 104 5.2 4.2 6.2





#75

Fluoranthene

Concen: 50.212 ng

RT: 19.307 min Scan# 21

Delta R.T. -0.018 min

Lab File: BP025645.D

Acq: 02 Sep 2025 19:41

Instrument :

BNA\_P

ClientSampleId :

RT5427MS

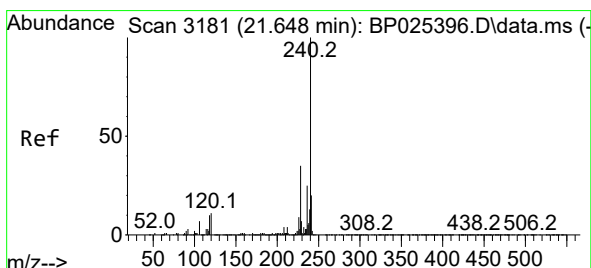
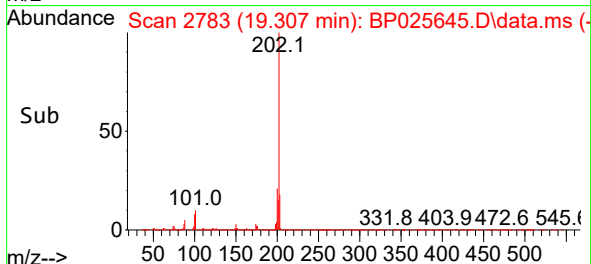
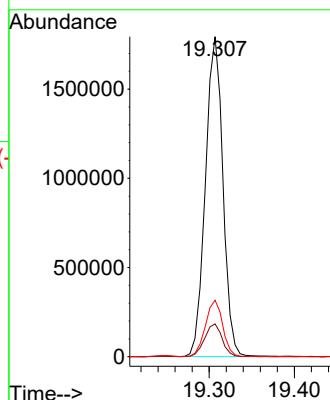
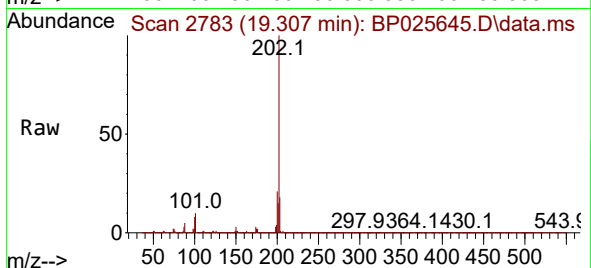
Tgt Ion:202 Resp: 2552593

Ion Ratio Lower Upper

202 100

101 10.2 0.0 31.1

203 17.6 0.0 37.3



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.630 min Scan# 3178

Delta R.T. -0.018 min

Lab File: BP025645.D

Acq: 02 Sep 2025 19:41

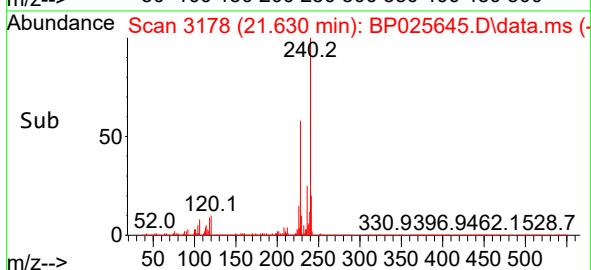
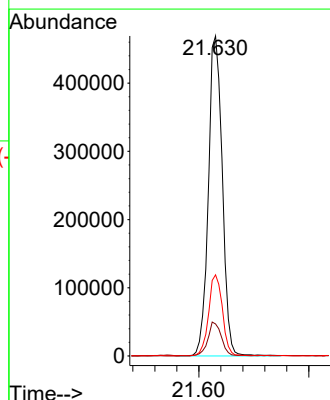
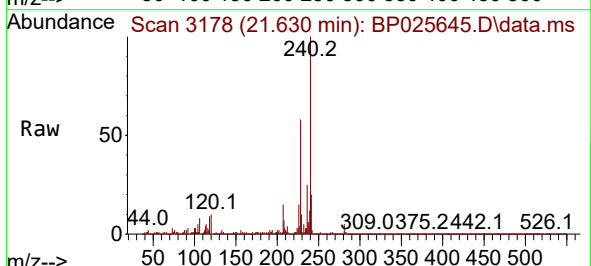
Tgt Ion:240 Resp: 823430

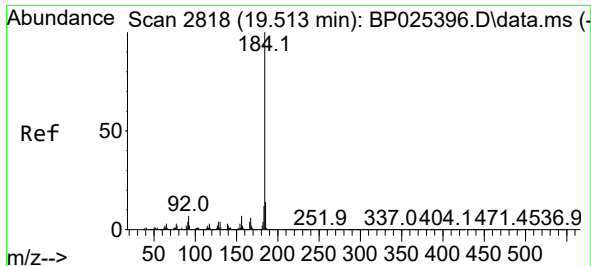
Ion Ratio Lower Upper

240 100

120 10.0 8.9 13.3

236 25.3 19.8 29.8

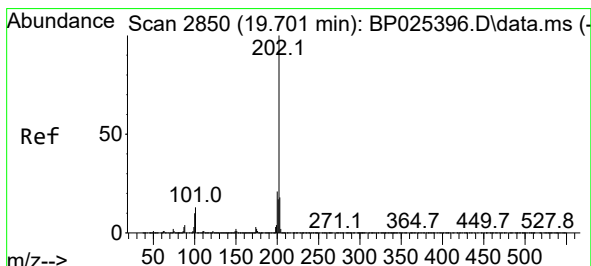
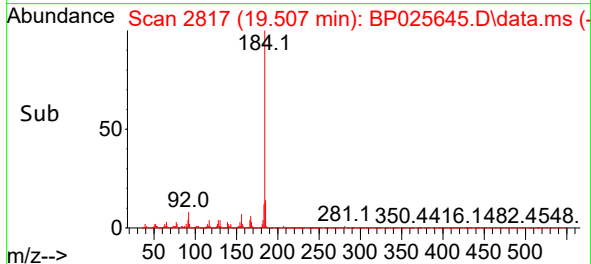
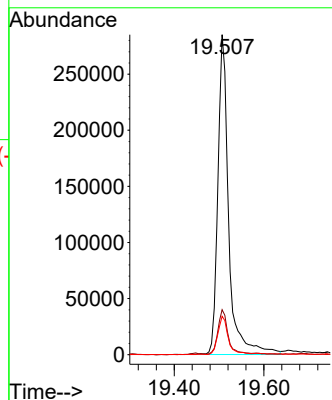
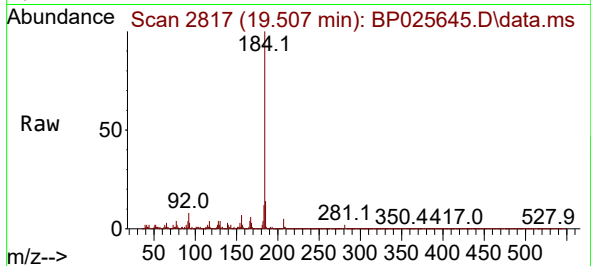




#77  
Benzidine  
Concen: 17.003 ng  
RT: 19.507 min Scan# 2817  
Delta R.T. -0.006 min  
Lab File: BP025645.D  
Acq: 02 Sep 2025 19:41

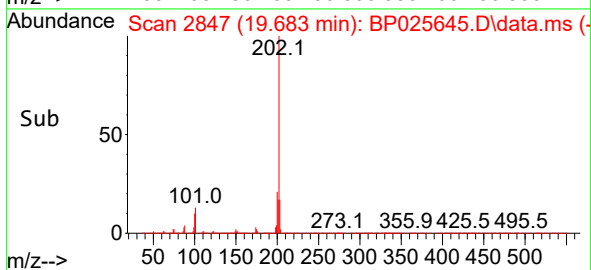
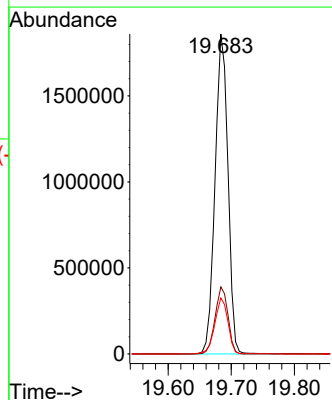
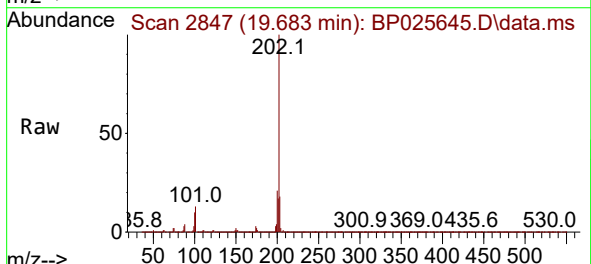
Instrument :  
BNA\_P  
ClientSampleId :  
RT5427MS

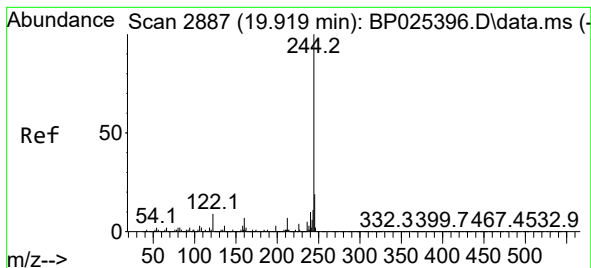
Tgt Ion:184 Resp: 477806  
Ion Ratio Lower Upper  
184 100  
185 14.1 11.5 17.3  
183 12.0 9.4 14.2



#78  
Pyrene  
Concen: 49.221 ng  
RT: 19.683 min Scan# 2847  
Delta R.T. -0.018 min  
Lab File: BP025645.D  
Acq: 02 Sep 2025 19:41

Tgt Ion:202 Resp: 2634311  
Ion Ratio Lower Upper  
202 100  
200 20.9 16.9 25.3  
203 17.5 14.2 21.2





#79

Terphenyl-d14

Concen: 87.202 ng

RT: 19.901 min Scan# 21

Delta R.T. -0.018 min

Lab File: BP025645.D

Acq: 02 Sep 2025 19:41

Instrument :

BNA\_P

ClientSampleId :

RT5427MS

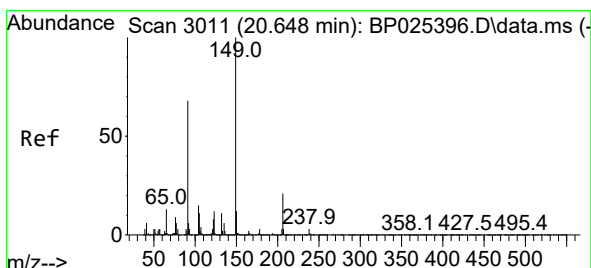
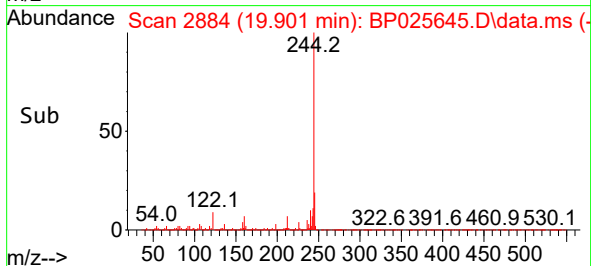
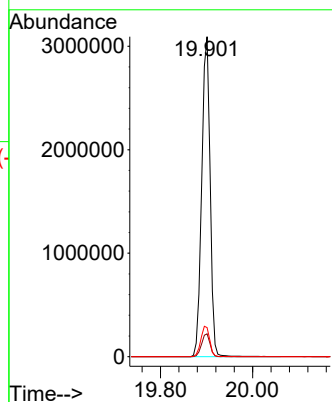
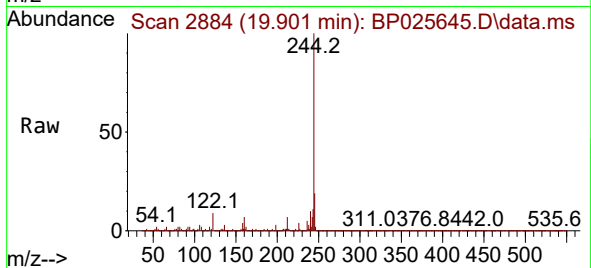
Tgt Ion:244 Resp: 3924686

Ion Ratio Lower Upper

244 100

212 7.2 5.8 8.6

122 9.1 7.4 11.2



#80

Butylbenzylphthalate

Concen: 52.952 ng

RT: 20.630 min Scan# 3008

Delta R.T. -0.018 min

Lab File: BP025645.D

Acq: 02 Sep 2025 19:41

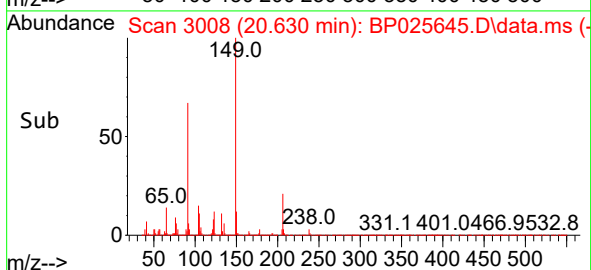
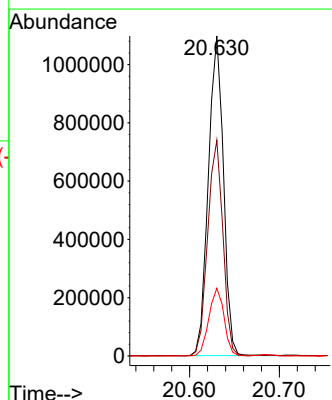
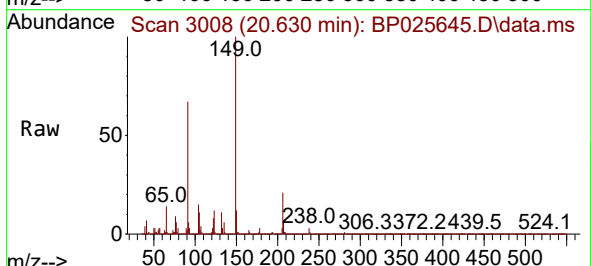
Tgt Ion:149 Resp: 1284413

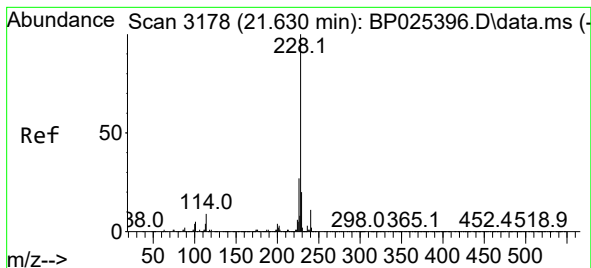
Ion Ratio Lower Upper

149 100

91 67.5 54.2 81.2

206 21.2 16.6 24.8





#81

Benzo(a)anthracene

Concen: 50.095 ng

RT: 21.607 min Scan# 3178

Delta R.T. -0.024 min

Lab File: BP025645.D

Acq: 02 Sep 2025 19:41

Instrument :

BNA\_P

ClientSampleId :

RT5427MS

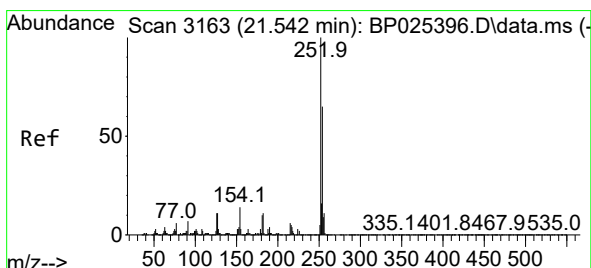
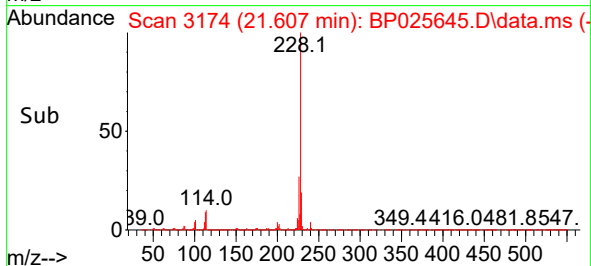
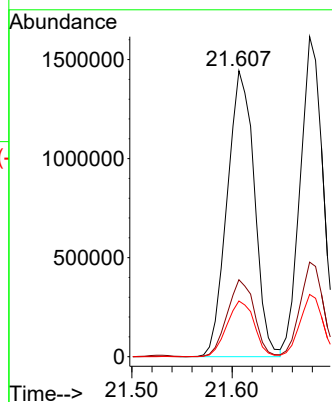
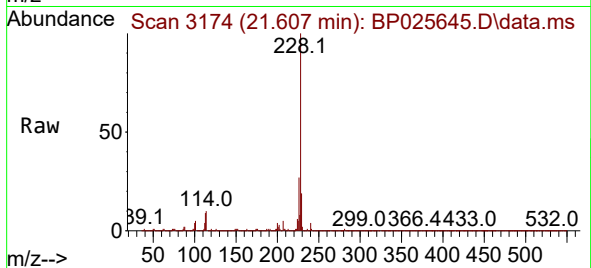
Tgt Ion:228 Resp: 2720443

Ion Ratio Lower Upper

228 100

226 26.9 21.7 32.5

229 19.5 15.6 23.4



#82

3,3'-Dichlorobenzidine

Concen: 31.536 ng

RT: 21.524 min Scan# 3160

Delta R.T. -0.018 min

Lab File: BP025645.D

Acq: 02 Sep 2025 19:41

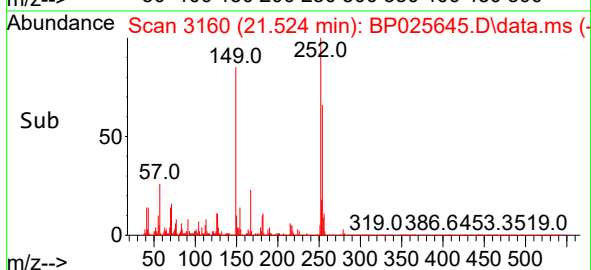
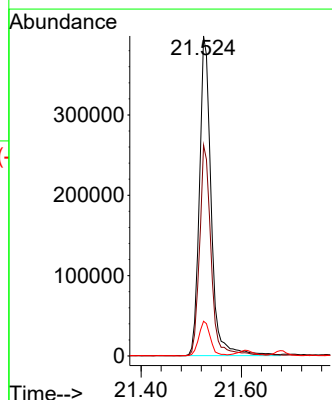
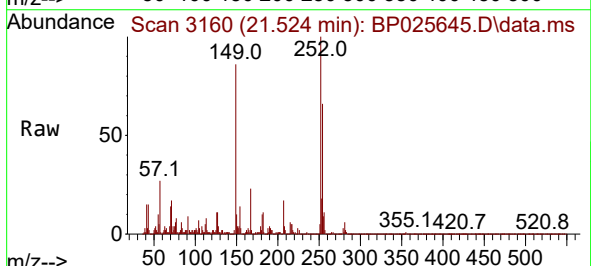
Tgt Ion:252 Resp: 645505

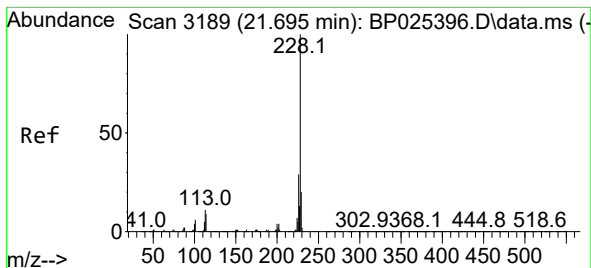
Ion Ratio Lower Upper

252 100

254 65.9 51.8 77.6

126 10.8 9.1 13.7





#83

Chrysene

Concen: 49.945 ng

RT: 21.677 min Scan# 31

Delta R.T. -0.018 min

Lab File: BP025645.D

Acq: 02 Sep 2025 19:41

Instrument :

BNA\_P

ClientSampleId :

RT5427MS

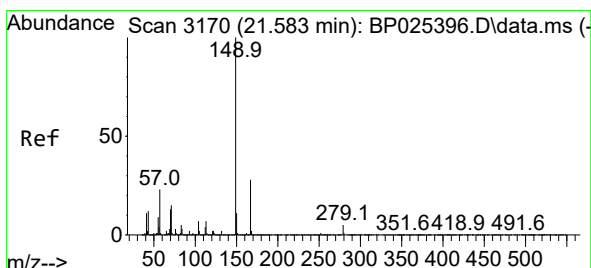
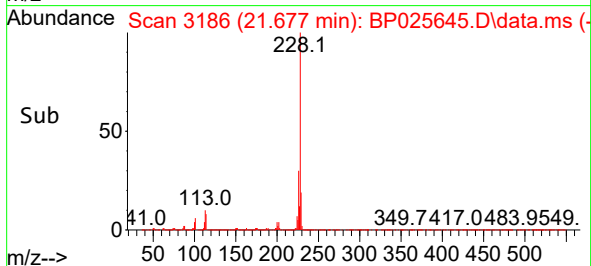
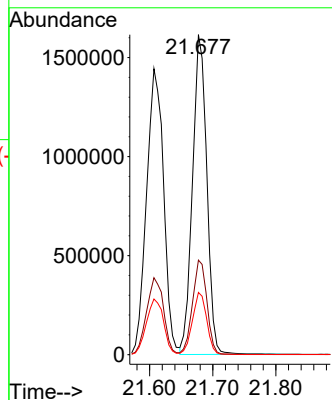
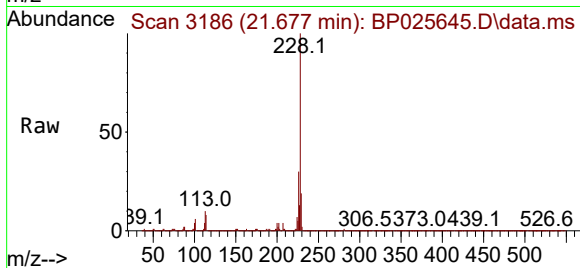
Tgt Ion:228 Resp: 2540040

Ion Ratio Lower Upper

228 100

226 29.6 23.2 34.8

229 19.5 15.6 23.4



#84

Bis(2-ethylhexyl)phthalate

Concen: 52.678 ng

RT: 21.542 min Scan# 3163

Delta R.T. -0.041 min

Lab File: BP025645.D

Acq: 02 Sep 2025 19:41

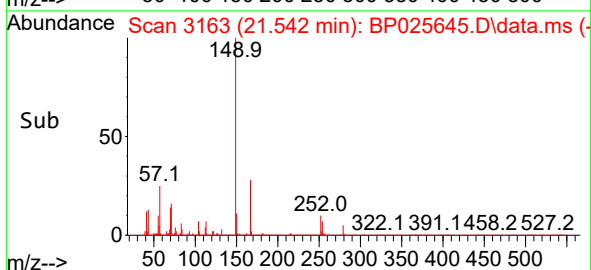
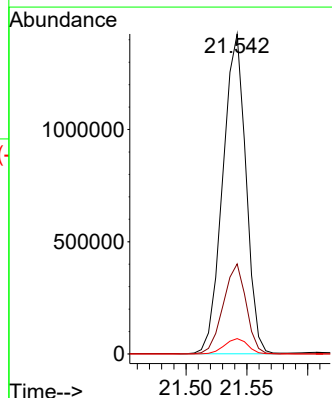
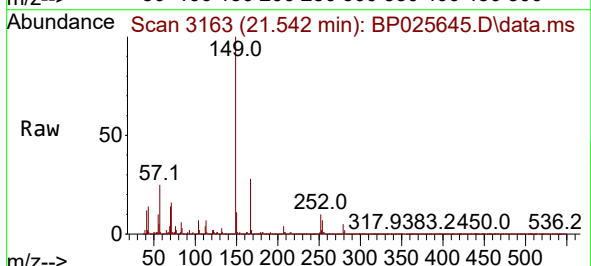
Tgt Ion:149 Resp: 1880919

Ion Ratio Lower Upper

149 100

167 28.1 22.1 33.1

279 4.8 3.8 5.6





#85

Di-n-octyl phthalate

Concen: 53.897 ng

RT: 22.824 min Scan# 31

Delta R.T. -0.047 min

Lab File: BP025645.D

Acq: 02 Sep 2025 19:41

Instrument :

BNA\_P

ClientSampleId :

RT5427MS

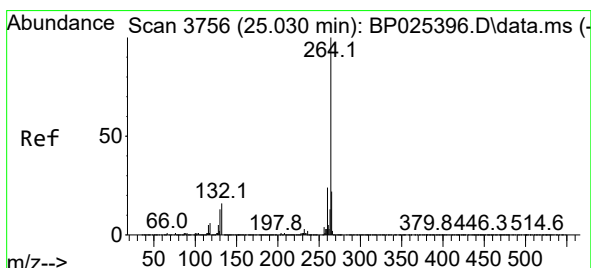
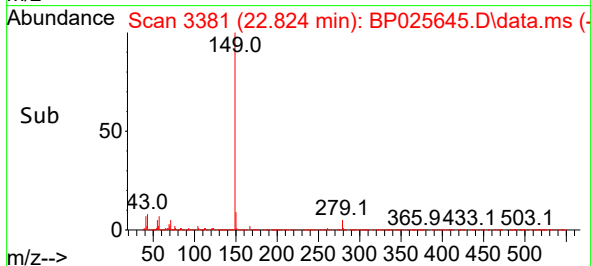
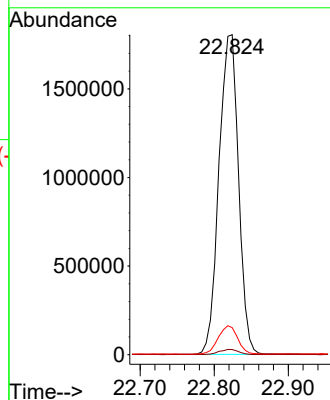
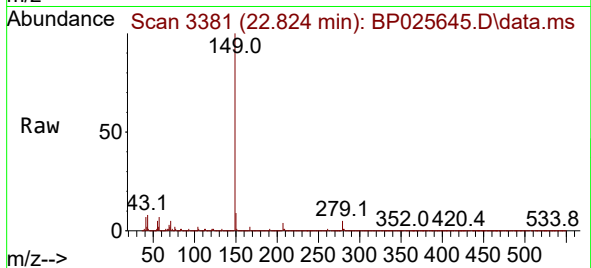
Tgt Ion:149 Resp: 3310136

Ion Ratio Lower Upper

149 100

167 1.6 1.3 1.9

43 8.7 6.3 9.5



#86

Perylene-d12

Concen: 20.000 ng

RT: 24.989 min Scan# 3749

Delta R.T. -0.041 min

Lab File: BP025645.D

Acq: 02 Sep 2025 19:41

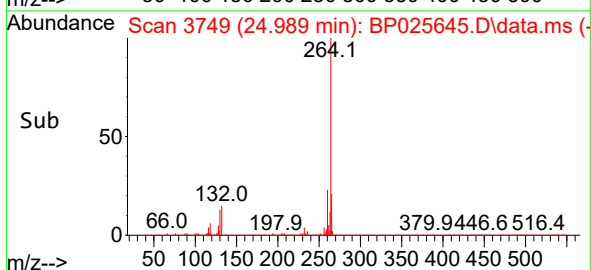
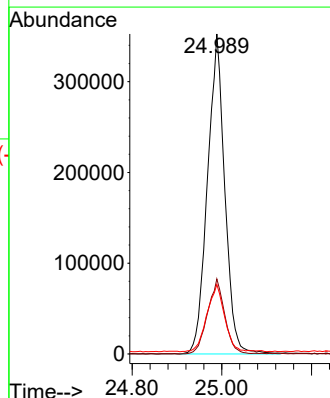
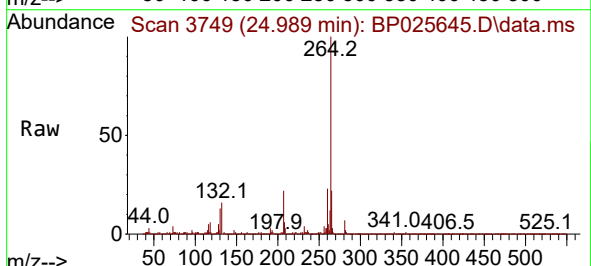
Tgt Ion:264 Resp: 944676

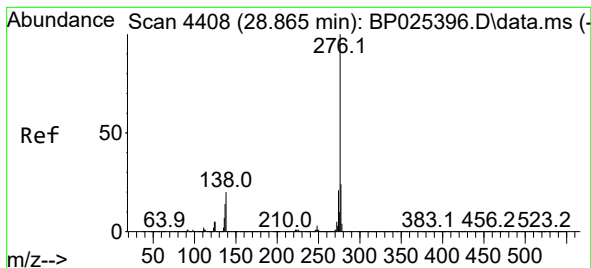
Ion Ratio Lower Upper

264 100

260 23.5 19.3 28.9

265 21.7 17.4 26.0





#87

Indeno(1,2,3-cd)pyrene

Concen: 50.248 ng

RT: 28.824 min Scan# 4408

Delta R.T. -0.041 min

Lab File: BP025645.D

Acq: 02 Sep 2025 19:41

Instrument :

BNA\_P

ClientSampleId :

RT5427MS

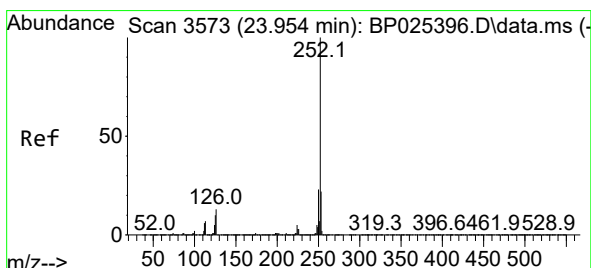
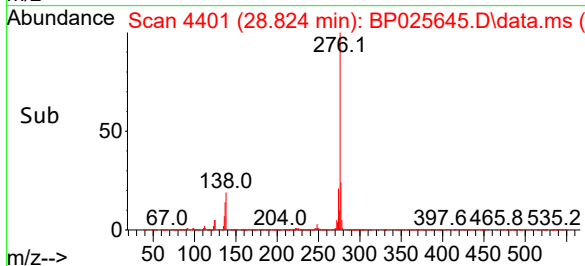
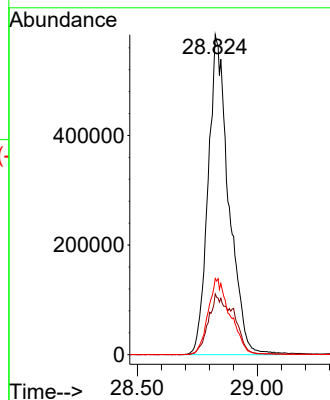
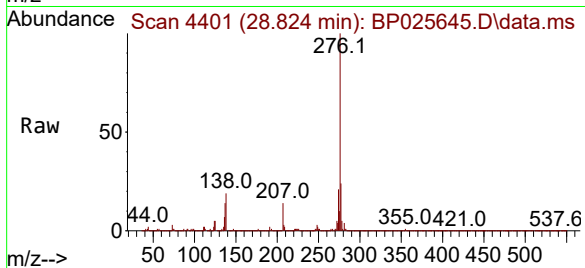
Tgt Ion:276 Resp: 3481133

Ion Ratio Lower Upper

276 100

138 23.0 12.9 19.3#

277 25.4 17.0 25.6



#88

Benzo(b)fluoranthene

Concen: 50.461 ng

RT: 23.924 min Scan# 3568

Delta R.T. -0.029 min

Lab File: BP025645.D

Acq: 02 Sep 2025 19:41

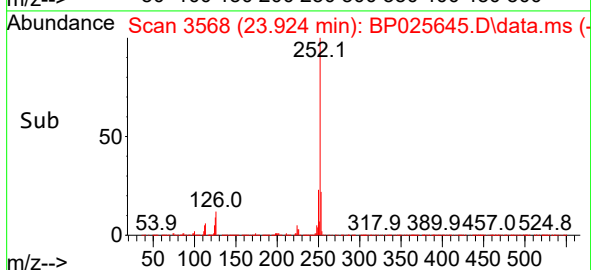
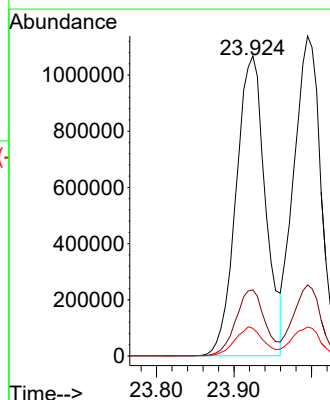
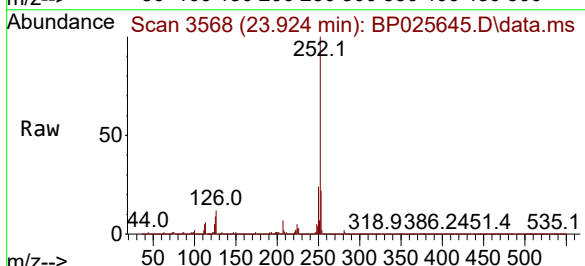
Tgt Ion:252 Resp: 2810941

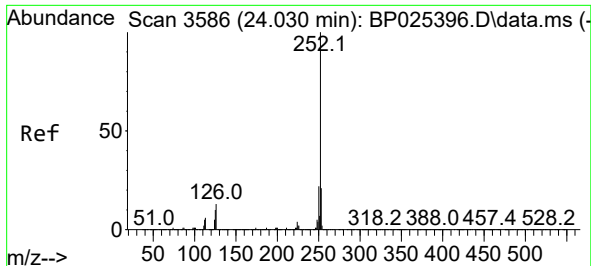
Ion Ratio Lower Upper

252 100

253 22.1 17.7 26.5

125 9.2 7.9 11.9

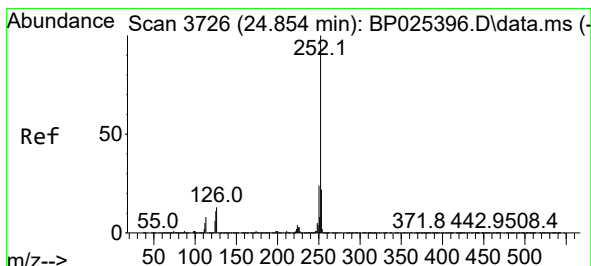
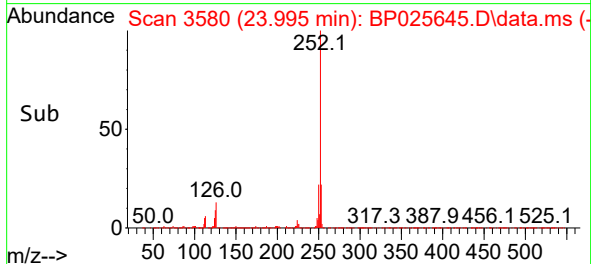
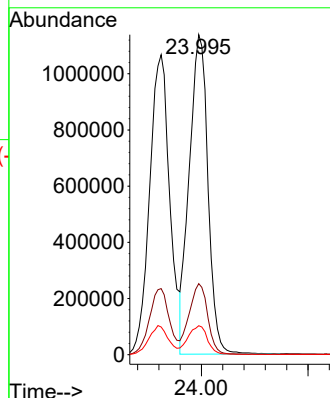
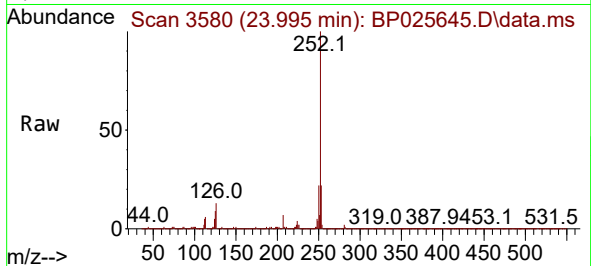




#89  
Benzo(k)fluoranthene  
Concen: 49.644 ng  
RT: 23.995 min Scan# 31  
Delta R.T. -0.035 min  
Lab File: BP025645.D  
Acq: 02 Sep 2025 19:41

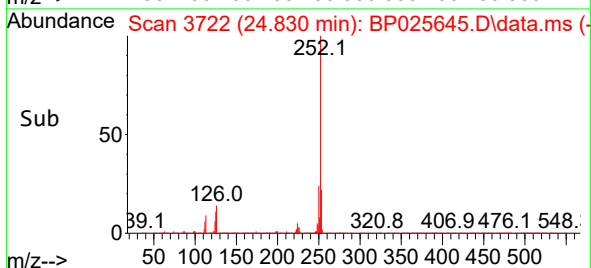
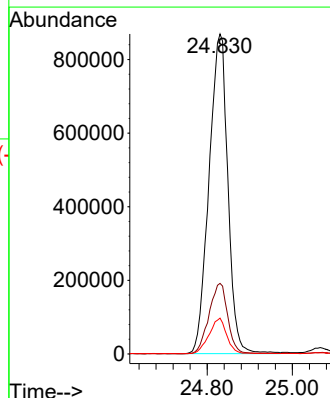
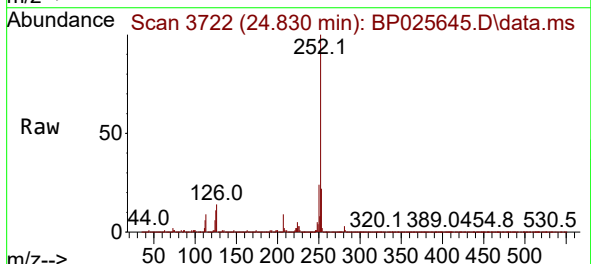
Instrument :  
BNA\_P  
ClientSampleId :  
RT5427MS

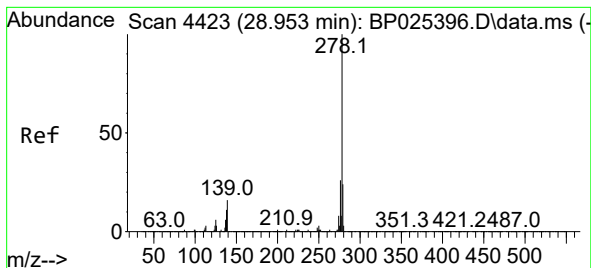
Tgt Ion:252 Resp: 2767299  
Ion Ratio Lower Upper  
252 100  
253 22.2 17.1 25.7  
125 9.0 7.8 11.6



#90  
Benzo(a)pyrene  
Concen: 49.142 ng  
RT: 24.830 min Scan# 3722  
Delta R.T. -0.024 min  
Lab File: BP025645.D  
Acq: 02 Sep 2025 19:41

Tgt Ion:252 Resp: 2664690  
Ion Ratio Lower Upper  
252 100  
253 22.0 17.5 26.3  
125 11.2 8.7 13.1





#91

Dibenzo(a,h)anthracene

Concen: 50.010 ng

RT: 28.900 min Scan# 44

Delta R.T. -0.053 min

Lab File: BP025645.D

Acq: 02 Sep 2025 19:41

Instrument :

BNA\_P

ClientSampleId :

RT5427MS

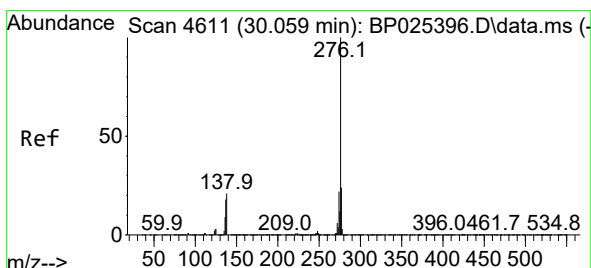
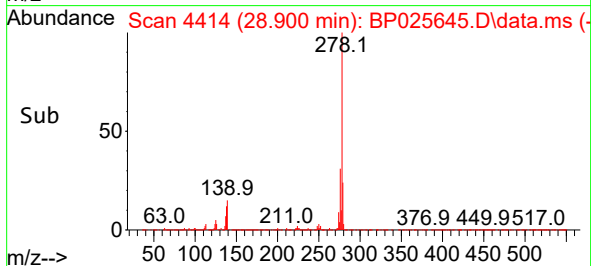
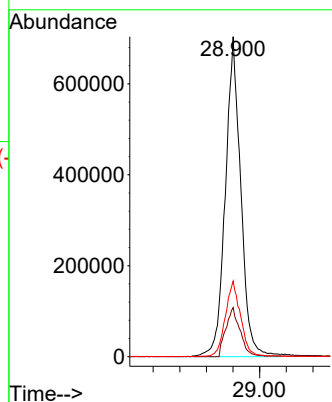
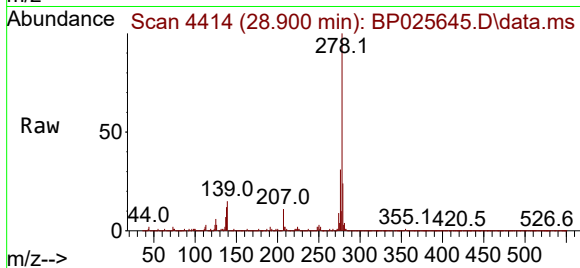
Tgt Ion:278 Resp: 2831306

Ion Ratio Lower Upper

278 100

139 15.4 13.0 19.4

279 23.6 19.4 29.2



#92

Benzo(g,h,i)perylene

Concen: 50.082 ng

RT: 30.024 min Scan# 4605

Delta R.T. -0.035 min

Lab File: BP025645.D

Acq: 02 Sep 2025 19:41

Tgt Ion:276 Resp: 2787174

Ion Ratio Lower Upper

276 100

277 23.9 19.4 29.0

138 19.3 16.7 25.1

