

Data Path : Z:\svoasrv\HPCHEM1\BNA\_P\Data\BP121125\  
 Data File : BP026305.D  
 Acq On : 11 Dec 2025 23:26  
 Operator : RC/JU  
 Sample : Q3831-01MSD  
 Misc :  
 ALS Vial : 17 Sample Multiplier: 1

Instrument :  
 BNA\_P  
 ClientSampleId :  
 PL-01-12102025MSD

Quant Time: Dec 11 23:46:53 2025  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_P\Methods\8270E-BP111825.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Fri Dec 05 14:52:44 2025  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc   | Units | Dev(Min) |
|-------------------------------|--------|------|----------|--------|-------|----------|
| -----                         |        |      |          |        |       |          |
| Internal Standards            |        |      |          |        |       |          |
| 1) 1,4-Dichlorobenzene-d4     | 7.649  | 152  | 308093   | 20.000 | ng    | 0.00     |
| 21) Naphthalene-d8            | 10.407 | 136  | 1181708  | 20.000 | ng    | -0.01    |
| 39) Acenaphthene-d10          | 14.284 | 164  | 726915   | 20.000 | ng    | 0.00     |
| 64) Phenanthrene-d10          | 17.089 | 188  | 1403672  | 20.000 | ng    | 0.00     |
| 76) Chrysene-d12              | 21.524 | 240  | 1427006  | 20.000 | ng    | -0.01    |
| 86) Perylene-d12              | 24.824 | 264  | 1681945  | 20.000 | ng    | 0.00     |
| System Monitoring Compounds   |        |      |          |        |       |          |
| 5) 2-Fluorophenol             | 5.278  | 112  | 1226287  | 63.990 | ng    | 0.00     |
| 7) Phenol-d6                  | 6.837  | 99   | 1505443  | 62.234 | ng    | 0.00     |
| 23) Nitrobenzene-d5           | 8.790  | 82   | 897278   | 43.220 | ng    | 0.00     |
| 42) 2,4,6-Tribromophenol      | 15.795 | 330  | 678752   | 71.801 | ng    | -0.01    |
| 45) 2-Fluorobiphenyl          | 12.878 | 172  | 2165923  | 43.320 | ng    | -0.02    |
| 79) Terphenyl-d14             | 19.819 | 244  | 3187738  | 45.658 | ng    | -0.02    |
| Target Compounds              |        |      |          |        |       |          |
|                               |        |      |          |        |       | Qvalue   |
| 2) 1,4-Dioxane                | 3.214  | 88   | 251492   | 32.272 | ng    | 97       |
| 3) Pyridine                   | 3.602  | 79   | 695094   | 31.058 | ng    | 99       |
| 4) n-Nitrosodimethylamine     | 3.514  | 42   | 312357   | 37.426 | ng    | 96       |
| 6) Aniline                    | 6.984  | 93   | 389715   | 12.277 | ng    | 99       |
| 8) 2-Chlorophenol             | 7.225  | 128  | 900342   | 41.345 | ng    | 98       |
| 9) Benzaldehyde               | 6.802  | 77   | 529896   | 40.634 | ng    | 98       |
| 10) Phenol                    | 6.866  | 94   | 1034619  | 39.762 | ng    | 97       |
| 11) bis(2-Chloroethyl)ether   | 7.078  | 93   | 766988   | 37.596 | ng    | 97       |
| 12) 1,3-Dichlorobenzene       | 7.543  | 146  | 951054   | 40.360 | ng    | 100      |
| 13) 1,4-Dichlorobenzene       | 7.684  | 146  | 965100   | 40.643 | ng    | 99       |
| 14) 1,2-Dichlorobenzene       | 7.996  | 146  | 938608   | 41.178 | ng    | 99       |
| 15) Benzyl Alcohol            | 7.884  | 79   | 701158   | 39.873 | ng    | 98       |
| 16) 2,2'-oxybis(1-Chloropr... | 8.160  | 45   | 1022948  | 35.926 | ng    | 99       |
| 17) 2-Methylphenol            | 8.090  | 107  | 713491   | 40.401 | ng    | 98       |
| 18) Hexachloroethane          | 8.713  | 117  | 331767   | 38.463 | ng    | 96       |
| 19) n-Nitroso-di-n-propyla... | 8.443  | 70   | 555085   | 37.226 | ng    | 100      |
| 20) 3+4-Methylphenols         | 8.413  | 107  | 958481   | 39.304 | ng    | 99       |
| 22) Acetophenone              | 8.455  | 105  | 1200576  | 40.053 | ng    | # 99     |
| 24) Nitrobenzene              | 8.831  | 77   | 848024   | 40.411 | ng    | 98       |
| 25) Isophorone                | 9.355  | 82   | 1602248  | 39.338 | ng    | 99       |
| 26) 2-Nitrophenol             | 9.531  | 139  | 471352   | 44.425 | ng    | 97       |
| 27) 2,4-Dimethylphenol        | 9.596  | 122  | 797738   | 42.480 | ng    | 97       |
| 28) bis(2-Chloroethoxy)met... | 9.831  | 93   | 1004645  | 39.248 | ng    | 99       |
| 29) 2,4-Dichlorophenol        | 10.066 | 162  | 849594   | 44.393 | ng    | 100      |
| 30) 1,2,4-Trichlorobenzene    | 10.272 | 180  | 901963   | 45.848 | ng    | 99       |
| 31) Naphthalene               | 10.460 | 128  | 2762178  | 43.236 | ng    | 99       |
| 32) Benzoic acid              | 9.760  | 122  | 618123   | 41.089 | ng    | 99       |
| 33) 4-Chloroaniline           | 10.566 | 127  | 337003   | 12.592 | ng    | 99       |
| 34) Hexachlorobutadiene       | 10.754 | 225  | 588740   | 45.835 | ng    | 99       |
| 35) Caprolactam               | 11.354 | 113  | 252032   | 37.293 | ng    | 99       |
| 36) 4-Chloro-3-methylphenol   | 11.707 | 107  | 852050   | 42.314 | ng    | 99       |
| 37) 2-Methylnaphthalene       | 12.072 | 142  | 1817310  | 40.361 | ng    | 98       |
| 38) 1-Methylnaphthalene       | 12.296 | 142  | 1872210  | 42.561 | ng    | 100      |
| 40) 1,2,4,5-Tetrachloroben... | 12.448 | 216  | 1018280  | 45.889 | ng    | 99       |
| 41) Hexachlorocyclopentadiene | 12.431 | 237  | 457282   | 33.036 | ng    | 98       |
| 43) 2,4,6-Trichlorophenol     | 12.696 | 196  | 683710   | 45.337 | ng    | 100      |

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 ALS Vial : 17 Sample Multiplier: 1

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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Fri Dec 05 14:52:44 2025  
 Response via : Initial Calibration

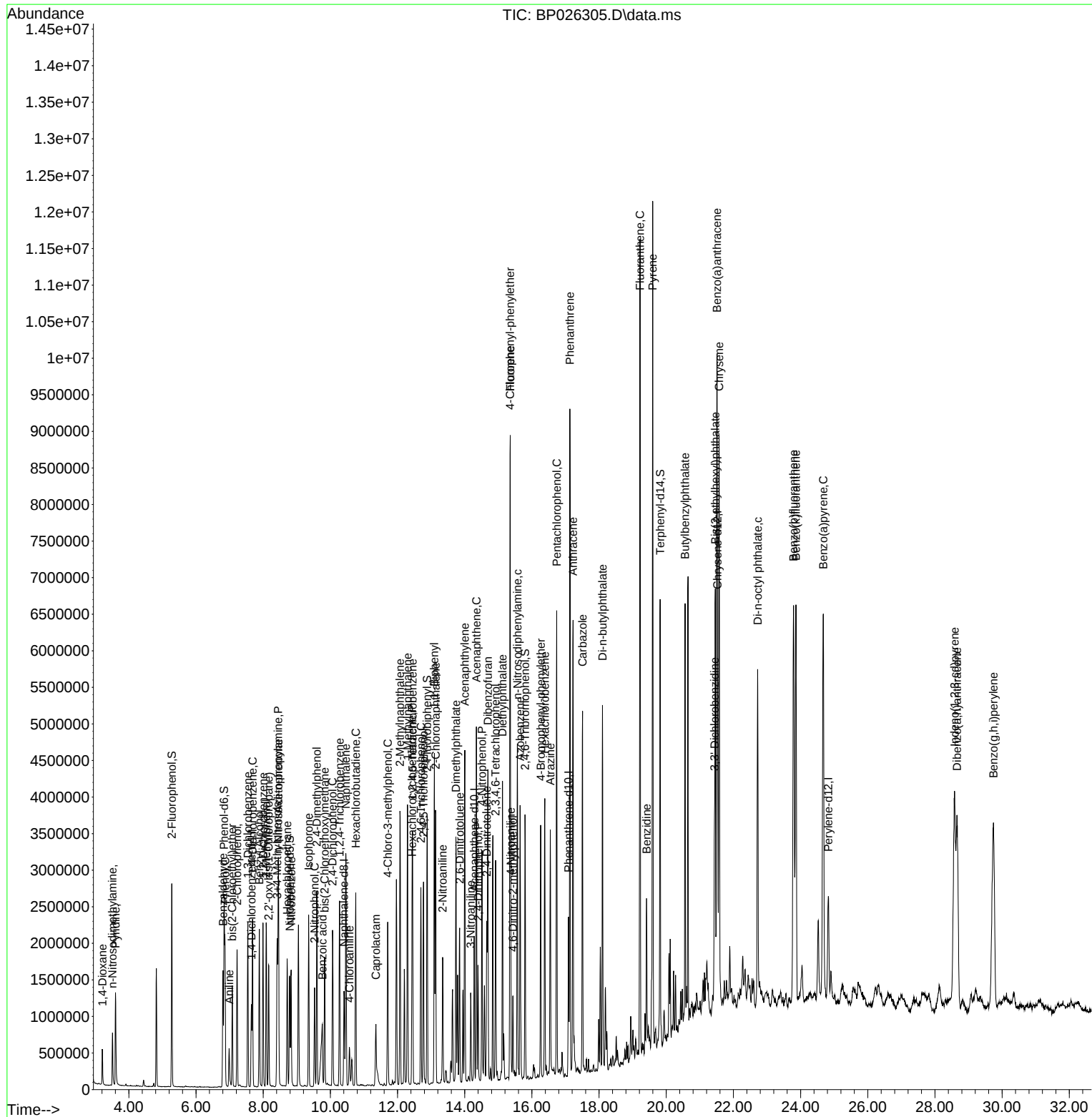
| Compound                      | R.T.   | QIon | Response | Conc   | Units | Dev(Min) |
|-------------------------------|--------|------|----------|--------|-------|----------|
| 44) 2,4,5-Trichlorophenol     | 12.772 | 196  | 755518   | 44.982 | ng    | 98       |
| 46) 1,1'-Biphenyl             | 13.095 | 154  | 2320006  | 42.267 | ng    | 99       |
| 47) 2-Chloronaphthalene       | 13.137 | 162  | 1814415  | 41.956 | ng    | 100      |
| 48) 2-Nitroaniline            | 13.343 | 65   | 517832   | 43.719 | ng    | 98       |
| 49) Acenaphthylene            | 14.001 | 152  | 3390401  | 47.774 | ng    | 99       |
| 50) Dimethylphthalate         | 13.737 | 163  | 2198917  | 40.597 | ng    | 100      |
| 51) 2,6-Dinitrotoluene        | 13.848 | 165  | 490437   | 45.818 | ng    | 98       |
| 52) Acenaphthene              | 14.348 | 154  | 1793271  | 43.215 | ng    | 99       |
| 53) 3-Nitroaniline            | 14.178 | 138  | 327951   | 26.210 | ng    | 97       |
| 54) 2,4-Dinitrophenol         | 14.395 | 184  | 351345   | 61.567 | ng    | 97       |
| 55) Dibenzofuran              | 14.690 | 168  | 2875530  | 44.559 | ng    | 99       |
| 56) 4-Nitrophenol             | 14.513 | 139  | 869225   | 77.801 | ng    | 95       |
| 57) 2,4-Dinitrotoluene        | 14.654 | 165  | 688607   | 43.246 | ng    | 98       |
| 58) Fluorene                  | 15.354 | 166  | 2385679  | 46.731 | ng    | 99       |
| 59) 2,3,4,6-Tetrachlorophenol | 14.919 | 232  | 657305   | 46.236 | ng    | 99       |
| 60) Diethylphthalate          | 15.125 | 149  | 2268903  | 41.765 | ng    | 99       |
| 61) 4-Chlorophenyl-phenyle... | 15.348 | 204  | 1071363  | 42.089 | ng    | 99       |
| 62) 4-Nitroaniline            | 15.372 | 138  | 443570   | 34.158 | ng    | 94       |
| 63) Azobenzene                | 15.648 | 77   | 2041445  | 44.689 | ng    | 98       |
| 65) 4,6-Dinitro-2-methylph... | 15.437 | 198  | 262874   | 31.708 | ng    | 96       |
| 66) n-Nitrosodiphenylamine    | 15.566 | 169  | 1908494  | 43.975 | ng    | 100      |
| 67) 4-Bromophenyl-phenylether | 16.260 | 248  | 728681   | 46.826 | ng    | 95       |
| 68) Hexachlorobenzene         | 16.384 | 284  | 847373   | 46.854 | ng    | 96       |
| 69) Atrazine                  | 16.548 | 200  | 713066   | 43.699 | ng    | 98       |
| 70) Pentachlorophenol         | 16.736 | 266  | 1169539  | 93.217 | ng    | 100      |
| 71) Phenanthrene              | 17.131 | 178  | 5310559  | 67.111 | ng    | 100      |
| 72) Anthracene                | 17.225 | 178  | 4091552  | 50.765 | ng    | 100      |
| 73) Carbazole                 | 17.507 | 167  | 3289207  | 43.107 | ng    | 99       |
| 74) Di-n-butylphthalate       | 18.101 | 149  | 3957013  | 43.896 | ng    | 100      |
| 75) Fluoranthene              | 19.219 | 202  | 7158158  | 74.329 | ng    | 98       |
| 77) Benzidine                 | 19.413 | 184  | 1395308  | 31.143 | ng    | 99       |
| 78) Pyrene                    | 19.595 | 202  | 7158717  | 76.983 | ng    | 99       |
| 80) Butylbenzylphthalate      | 20.560 | 149  | 1799030  | 44.082 | ng    | 97       |
| 81) Benzo(a)anthracene        | 21.507 | 228  | 5884668  | 60.116 | ng    | 98       |
| 82) 3,3'-Dichlorobenzidine    | 21.436 | 252  | 962745   | 27.031 | ng    | 100      |
| 83) Chrysene                  | 21.572 | 228  | 5574837  | 60.147 | ng    | 98       |
| 84) Bis(2-ethylhexyl)phtha... | 21.460 | 149  | 2641772  | 43.033 | ng    | # 99     |
| 85) Di-n-octyl phthalate      | 22.719 | 149  | 4604814  | 42.547 | ng    | 97       |
| 87) Indeno(1,2,3-cd)pyrene    | 28.583 | 276  | 6520226  | 51.294 | ng    | # 94     |
| 88) Benzo(b)fluoranthene      | 23.789 | 252  | 6374966  | 62.365 | ng    | 99       |
| 89) Benzo(k)fluoranthene      | 23.860 | 252  | 5353156  | 52.353 | ng    | 99       |
| 90) Benzo(a)pyrene            | 24.677 | 252  | 5915782  | 61.032 | ng    | 97       |
| 91) Dibenzo(a,h)anthracene    | 28.653 | 278  | 4626624  | 44.499 | ng    | 98       |
| 92) Benzo(g,h,i)perylene      | 29.742 | 276  | 5642340  | 54.438 | ng    | 96       |

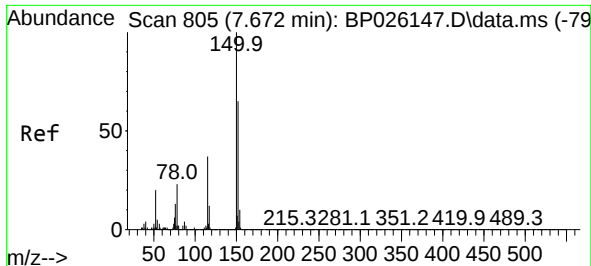
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QLast Update : Fri Dec 05 14:52:44 2025  
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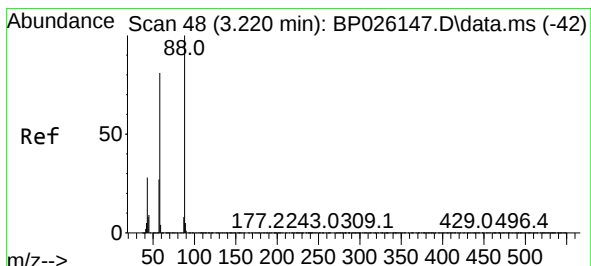
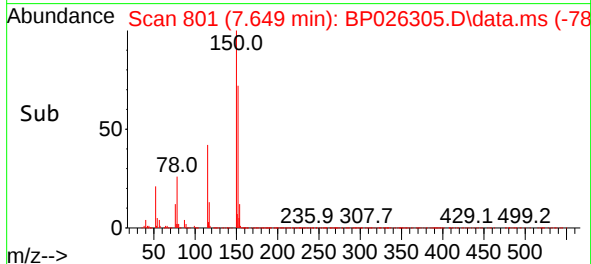
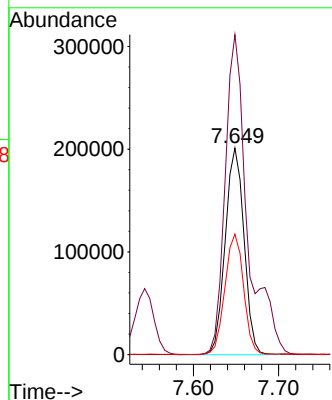
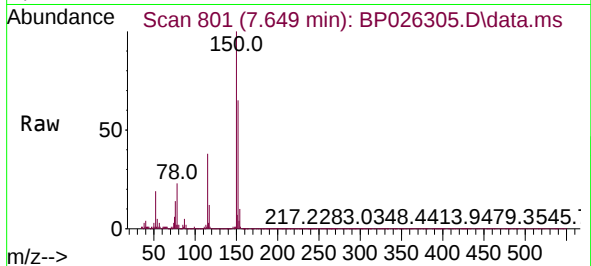




#1  
1,4-Dichlorobenzene-d4  
Concen: 20.000 ng  
RT: 7.649 min Scan# 80  
Delta R.T. -0.006 min  
Lab File: BP026305.D  
Acq: 11 Dec 2025 23:26

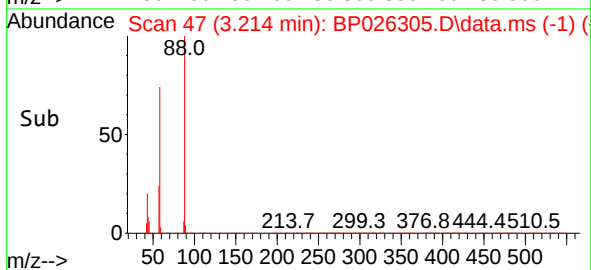
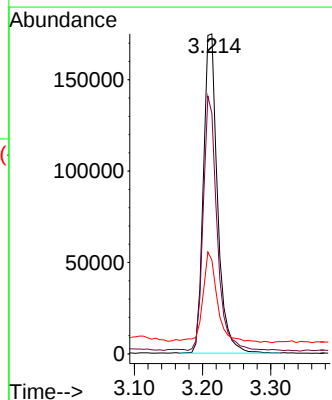
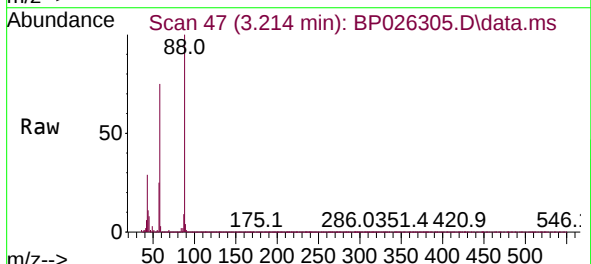
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BNA\_P  
ClientSampleId :  
PL-01-12102025MSD

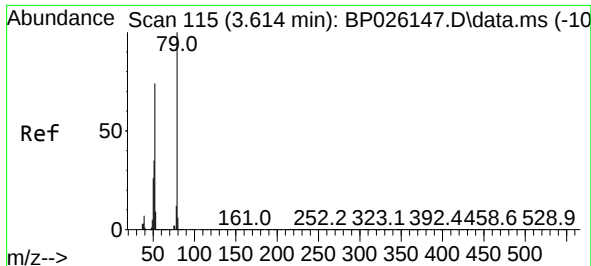
Tgt Ion:152 Resp: 308093  
Ion Ratio Lower Upper  
152 100  
150 155.0 123.0 184.6  
115 58.3 46.3 69.5



#2  
1,4-Dioxane  
Concen: 32.272 ng  
RT: 3.214 min Scan# 47  
Delta R.T. -0.000 min  
Lab File: BP026305.D  
Acq: 11 Dec 2025 23:26

Tgt Ion: 88 Resp: 251492  
Ion Ratio Lower Upper  
88 100  
58 78.1 64.2 96.4  
43 30.2 21.5 32.3

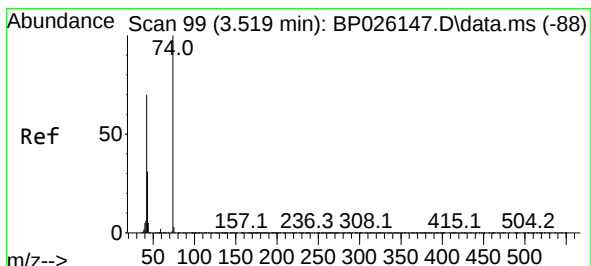
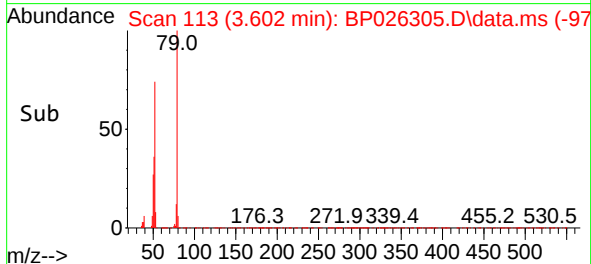
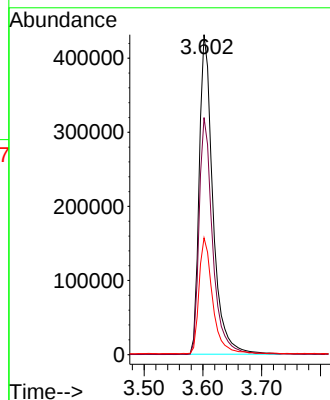
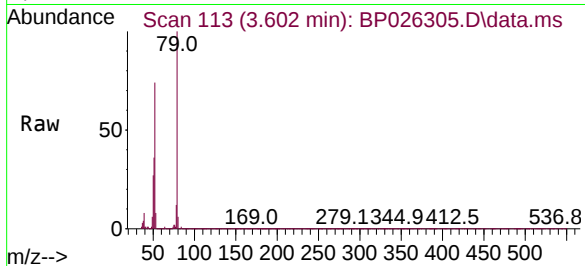




#3  
Pyridine  
Concen: 31.058 ng  
RT: 3.602 min Scan# 11  
Delta R.T. -0.006 min  
Lab File: BP026305.D  
Acq: 11 Dec 2025 23:26

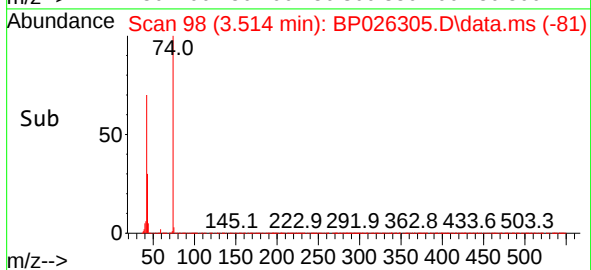
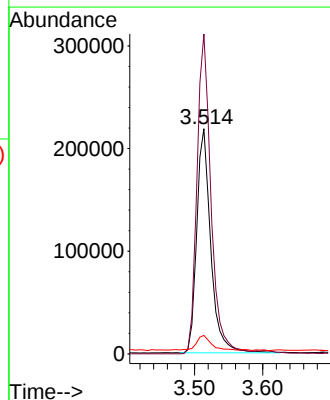
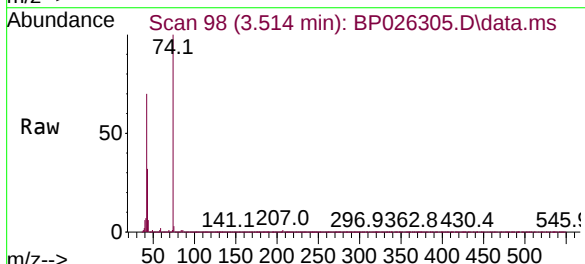
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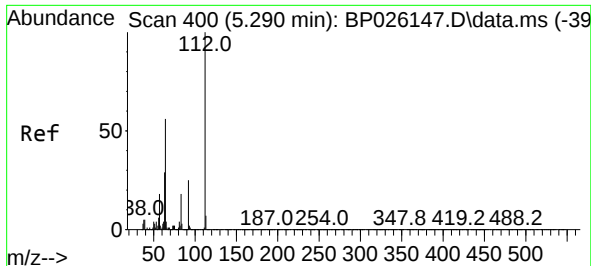
Tgt Ion: 79 Resp: 695094  
Ion Ratio Lower Upper  
79 100  
52 74.1 60.2 90.2  
51 36.5 29.5 44.3



#4  
n-Nitrosodimethylamine  
Concen: 37.426 ng  
RT: 3.514 min Scan# 98  
Delta R.T. -0.000 min  
Lab File: BP026305.D  
Acq: 11 Dec 2025 23:26

Tgt Ion: 42 Resp: 312357  
Ion Ratio Lower Upper  
42 100  
74 142.1 118.1 177.1  
44 8.2 6.2 9.4

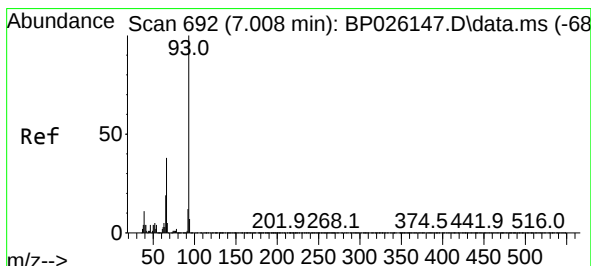
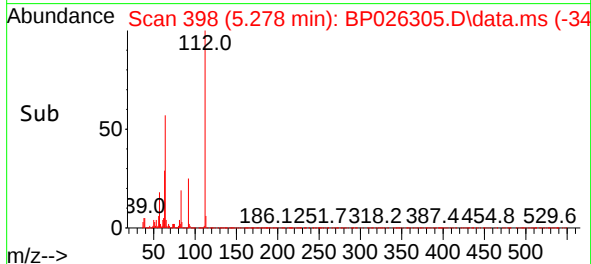
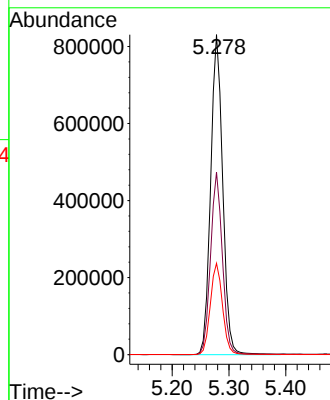
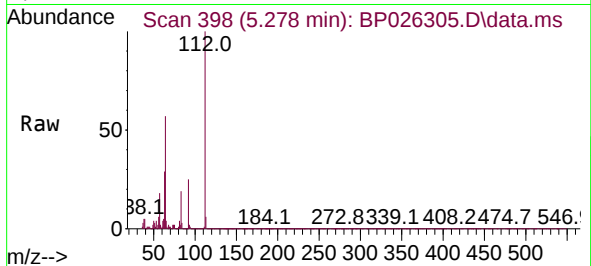




#5  
2-Fluorophenol  
Concen: 63.990 ng  
RT: 5.278 min Scan# 39  
Delta R.T. -0.000 min  
Lab File: BP026305.D  
Acq: 11 Dec 2025 23:26

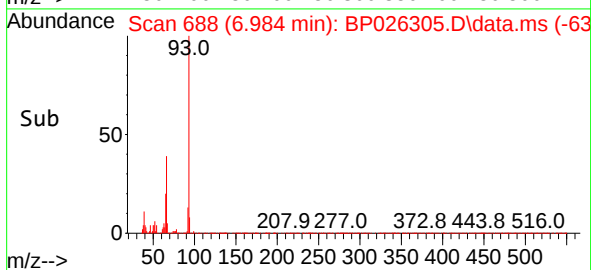
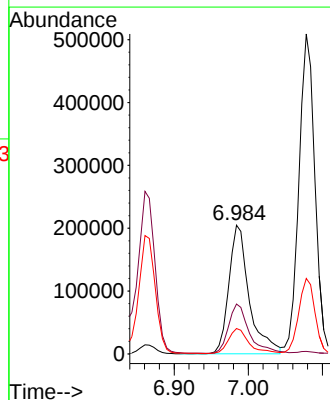
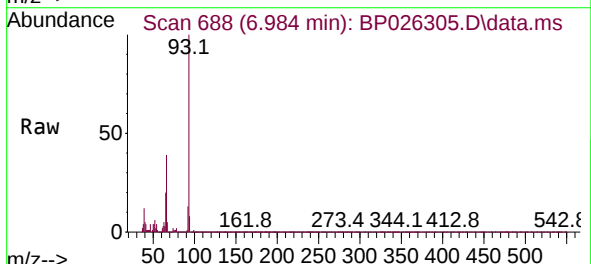
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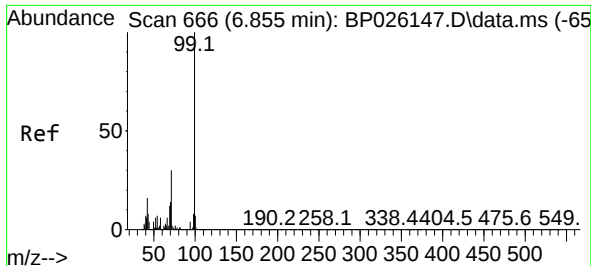
Tgt Ion:112 Resp: 1226287  
Ion Ratio Lower Upper  
112 100  
64 57.0 45.8 68.6  
63 28.5 23.5 35.3



#6  
Aniline  
Concen: 12.277 ng  
RT: 6.984 min Scan# 688  
Delta R.T. -0.006 min  
Lab File: BP026305.D  
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Tgt Ion: 93 Resp: 389715  
Ion Ratio Lower Upper  
93 100  
66 38.7 31.7 47.5  
65 19.7 15.8 23.6

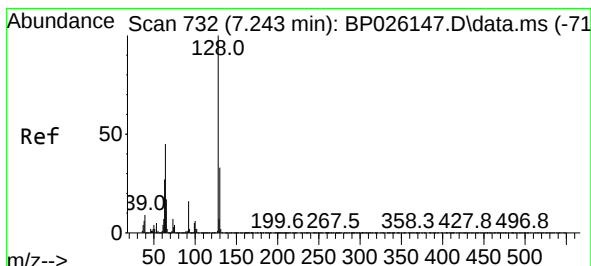
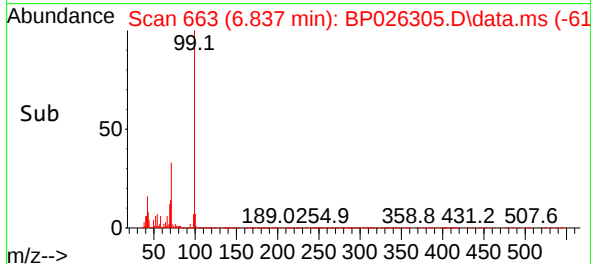
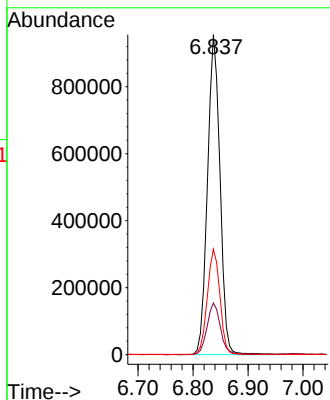
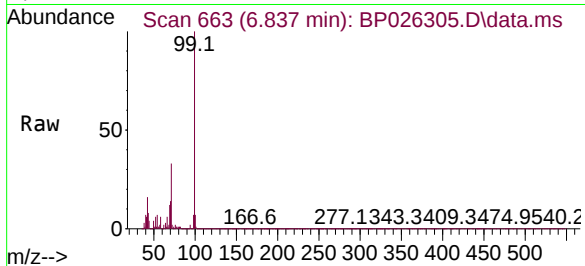




#7  
Phenol-d6  
Concen: 62.234 ng  
RT: 6.837 min Scan# 60  
Delta R.T. -0.000 min  
Lab File: BP026305.D  
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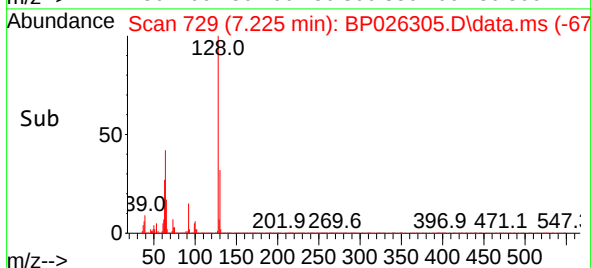
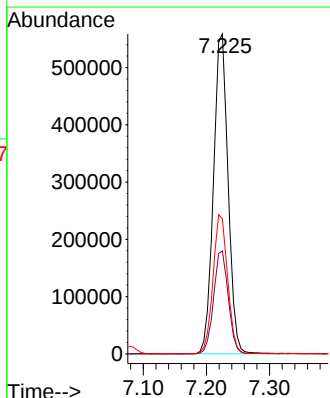
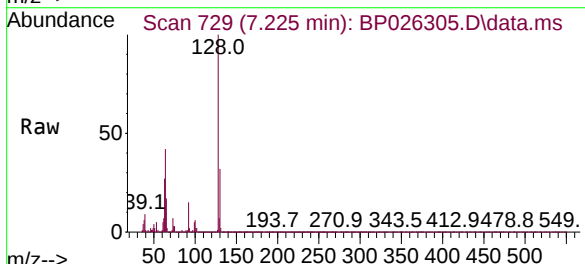
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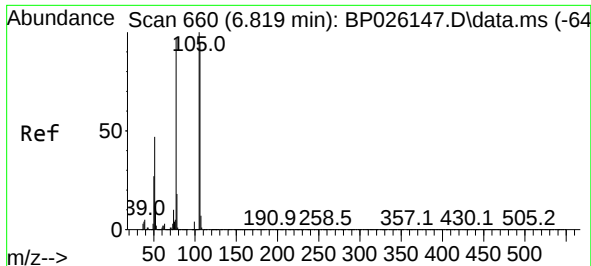
Tgt Ion: 99 Resp: 1505443  
Ion Ratio Lower Upper  
99 100  
42 16.1 12.9 19.3  
71 33.0 24.8 37.2



#8  
2-Chlorophenol  
Concen: 41.345 ng  
RT: 7.225 min Scan# 729  
Delta R.T. -0.000 min  
Lab File: BP026305.D  
Acq: 11 Dec 2025 23:26

Tgt Ion:128 Resp: 900342  
Ion Ratio Lower Upper  
128 100  
130 32.2 12.4 52.4  
64 42.2 23.9 63.9

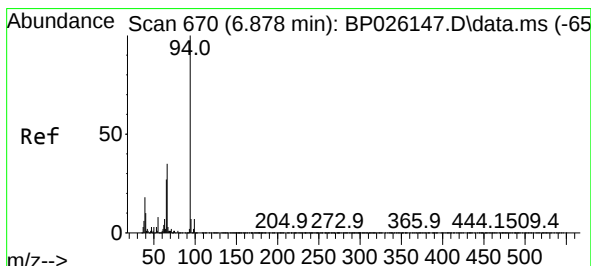
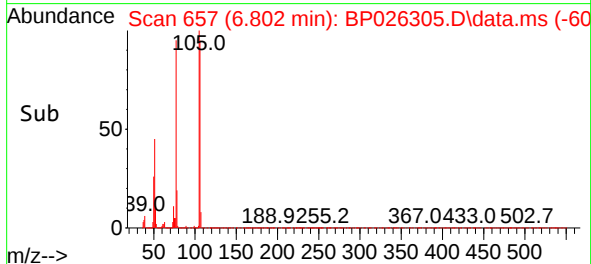
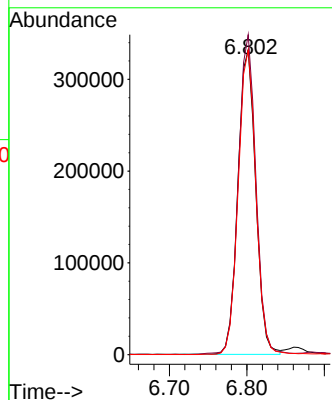
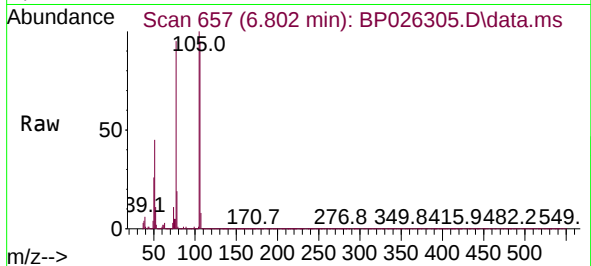




#9  
Benzaldehyde  
Concen: 40.634 ng  
RT: 6.802 min Scan# 61  
Delta R.T. -0.006 min  
Lab File: BP026305.D  
Acq: 11 Dec 2025 23:26

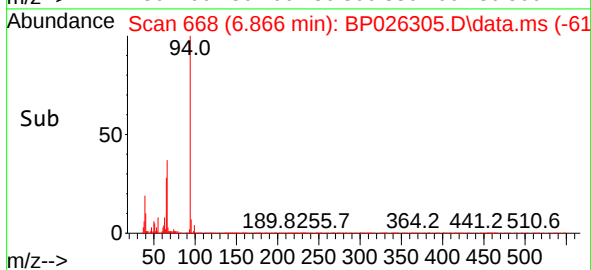
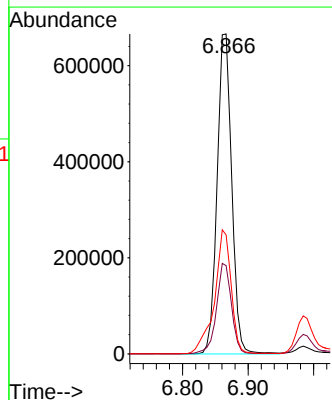
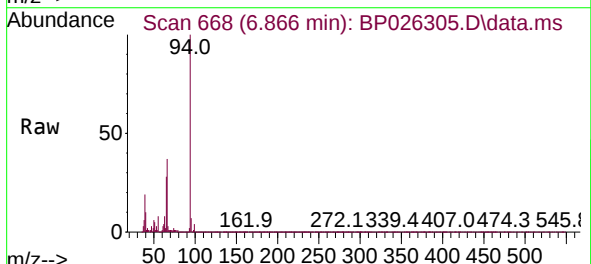
Instrument :  
BNA\_P  
ClientSampleId :  
PL-01-12102025MSD

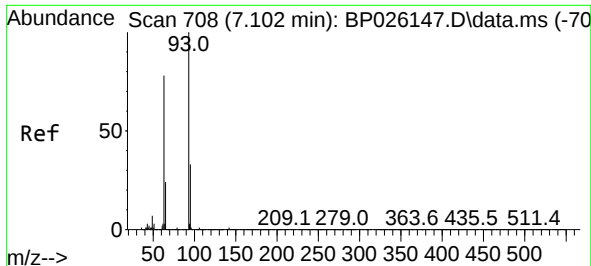
Tgt Ion: 77 Resp: 529896  
Ion Ratio Lower Upper  
77 100  
105 105.0 82.9 122.9  
106 100.0 77.8 117.8



#10  
Phenol  
Concen: 39.762 ng  
RT: 6.866 min Scan# 668  
Delta R.T. -0.000 min  
Lab File: BP026305.D  
Acq: 11 Dec 2025 23:26

Tgt Ion: 94 Resp: 1034619  
Ion Ratio Lower Upper  
94 100  
65 27.6 7.0 47.0  
66 37.2 14.5 54.5

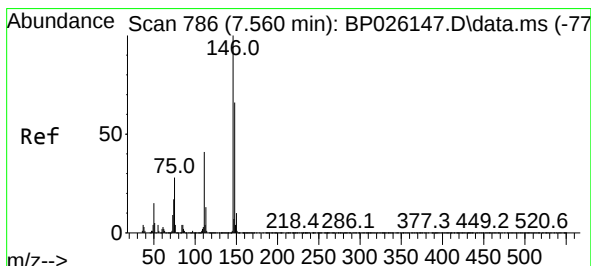
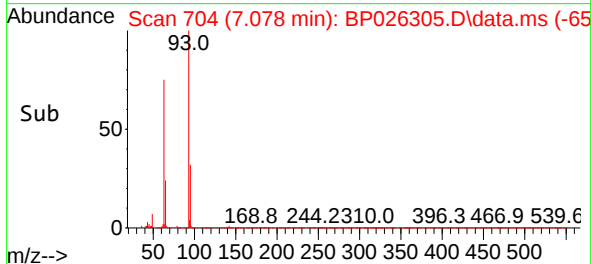
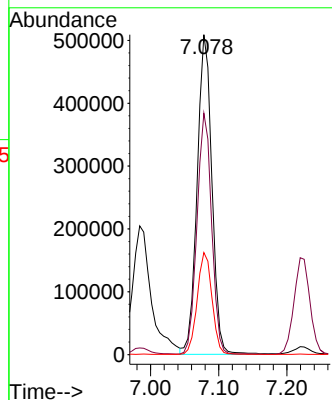
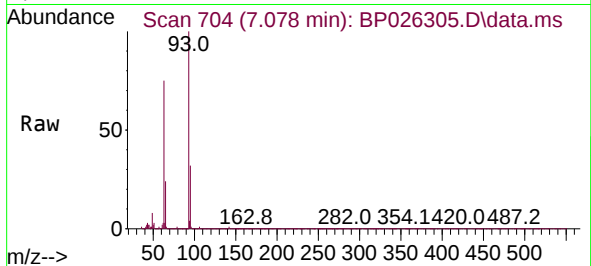




#11  
bis(2-Chloroethyl)ether  
Concen: 37.596 ng  
RT: 7.078 min Scan# 704  
Delta R.T. -0.006 min  
Lab File: BP026305.D  
Acq: 11 Dec 2025 23:26

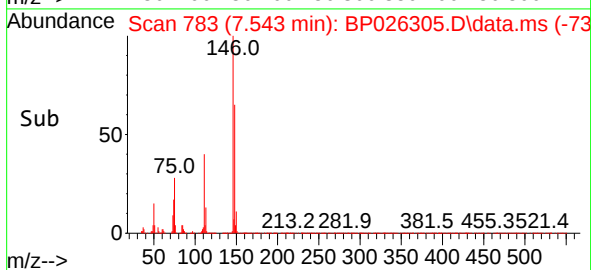
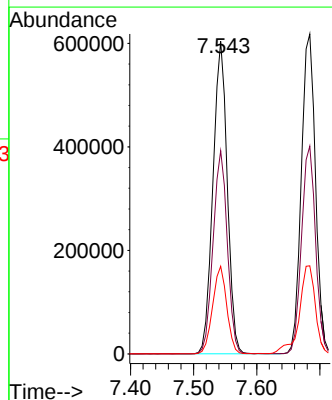
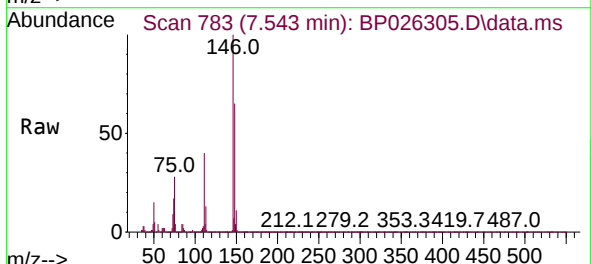
Instrument :  
BNA\_P  
ClientSampleId :  
PL-01-12102025MSD

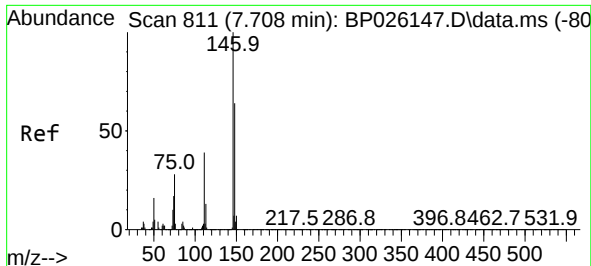
Tgt Ion: 93 Resp: 766988  
Ion Ratio Lower Upper  
93 100  
63 75.4 58.8 98.8  
95 31.9 12.1 52.1



#12  
1,3-Dichlorobenzene  
Concen: 40.360 ng  
RT: 7.543 min Scan# 783  
Delta R.T. -0.006 min  
Lab File: BP026305.D  
Acq: 11 Dec 2025 23:26

Tgt Ion:146 Resp: 951054  
Ion Ratio Lower Upper  
146 100  
148 65.0 51.8 77.8  
75 28.0 22.2 33.2





#13

1,4-Dichlorobenzene

Concen: 40.643 ng

RT: 7.684 min Scan# 80

Delta R.T. -0.006 min

Lab File: BP026305.D

Acq: 11 Dec 2025 23:26

Instrument :

BNA\_P

ClientSampleId :

PL-01-12102025MSD

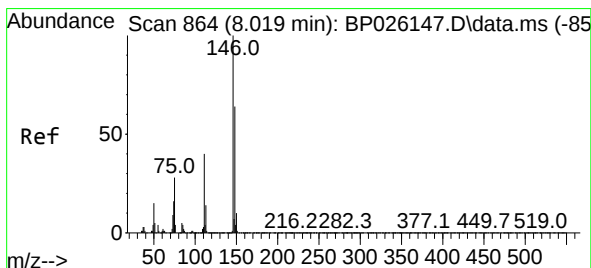
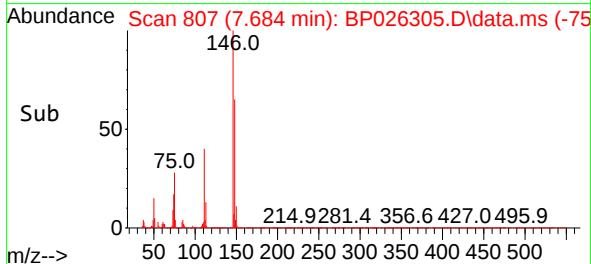
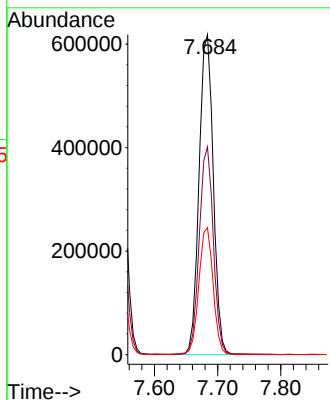
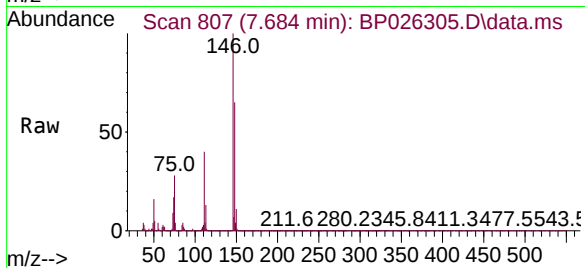
Tgt Ion:146 Resp: 965100

Ion Ratio Lower Upper

146 100

148 65.0 51.4 77.2

111 39.7 31.7 47.5



#14

1,2-Dichlorobenzene

Concen: 41.178 ng

RT: 7.996 min Scan# 860

Delta R.T. -0.006 min

Lab File: BP026305.D

Acq: 11 Dec 2025 23:26

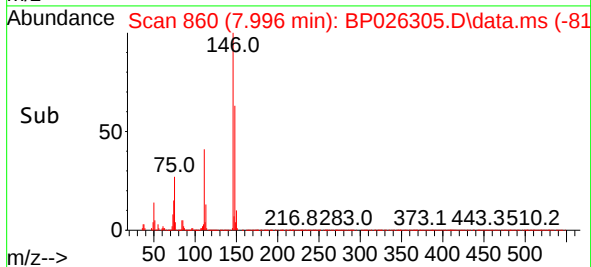
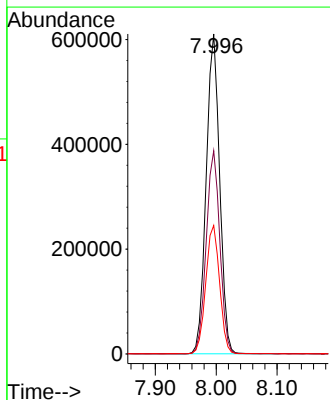
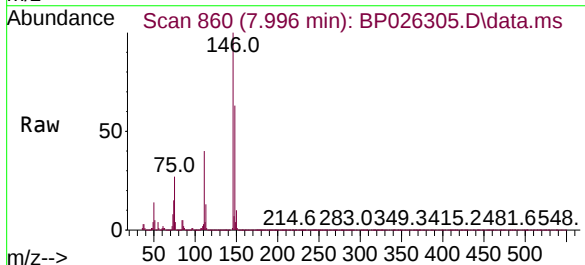
Tgt Ion:146 Resp: 938608

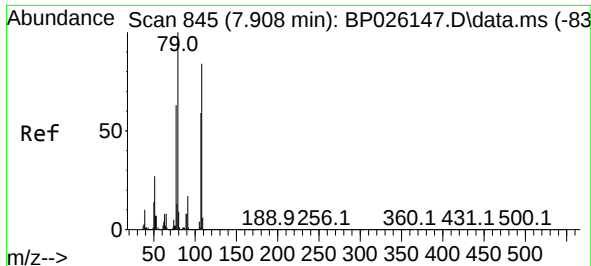
Ion Ratio Lower Upper

146 100

148 63.5 51.0 76.6

111 40.1 33.0 49.4

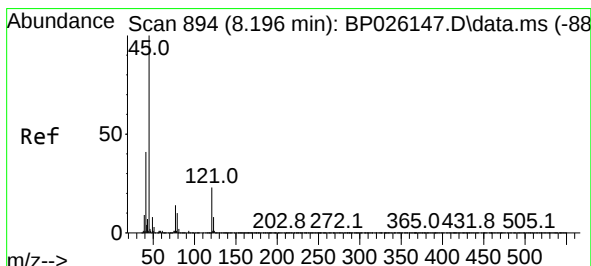
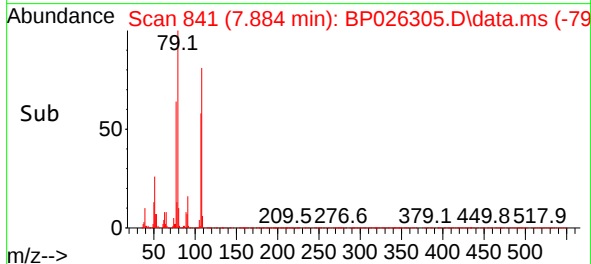
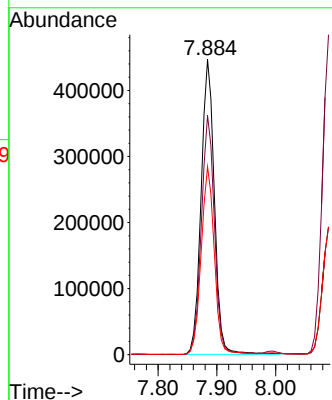
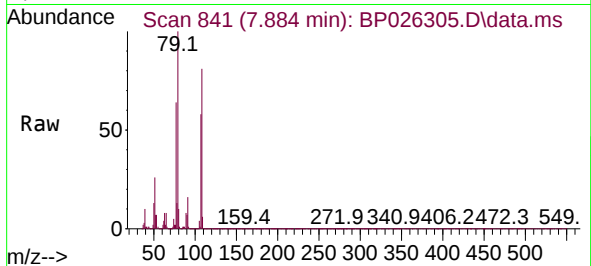




#15  
Benzyl Alcohol  
Concen: 39.873 ng  
RT: 7.884 min Scan# 841  
Delta R.T. -0.006 min  
Lab File: BP026305.D  
Acq: 11 Dec 2025 23:26

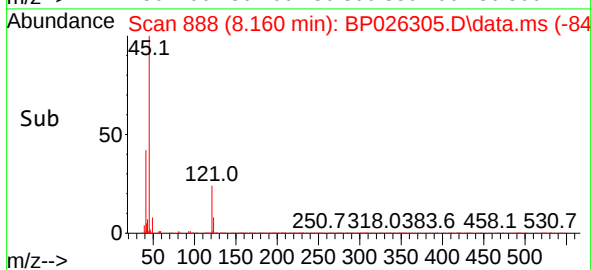
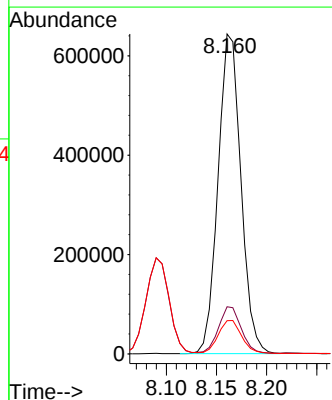
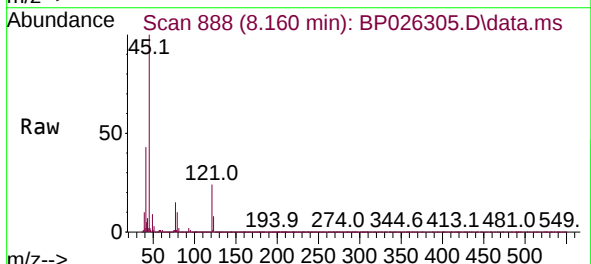
Instrument :  
BNA\_P  
ClientSampleId :  
PL-01-12102025MSD

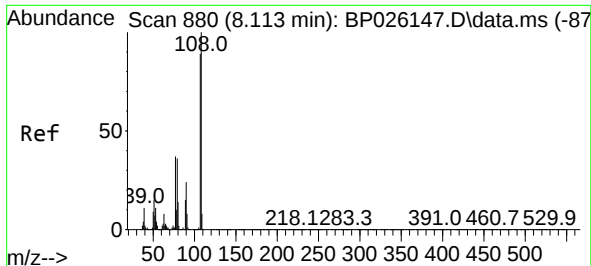
Tgt Ion: 79 Resp: 701158  
Ion Ratio Lower Upper  
79 100  
108 81.0 66.2 99.4  
77 63.7 50.0 75.0



#16  
2,2'-oxybis(1-Chloropropane)  
Concen: 35.926 ng  
RT: 8.160 min Scan# 888  
Delta R.T. -0.018 min  
Lab File: BP026305.D  
Acq: 11 Dec 2025 23:26

Tgt Ion: 45 Resp: 1022948  
Ion Ratio Lower Upper  
45 100  
77 14.8 0.0 33.9  
79 10.4 0.0 30.4

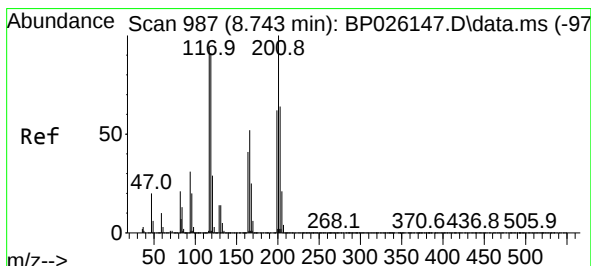
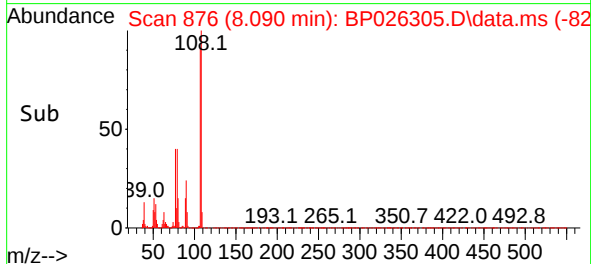
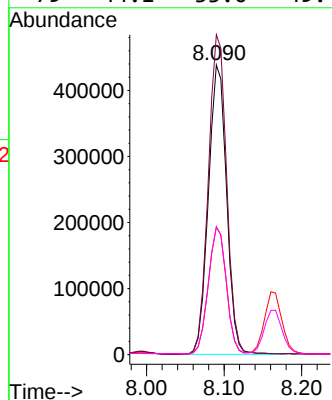
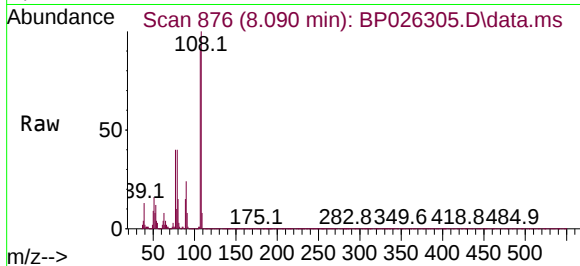




#17  
2-Methylphenol  
Concen: 40.401 ng  
RT: 8.090 min Scan# 81  
Delta R.T. -0.006 min  
Lab File: BP026305.D  
Acq: 11 Dec 2025 23:26

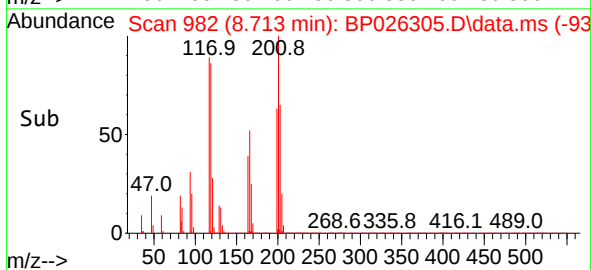
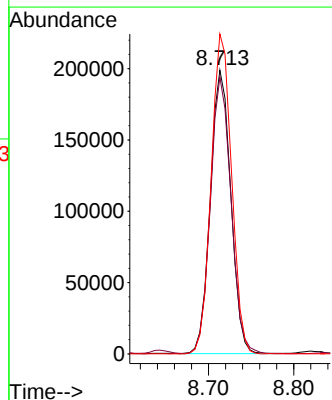
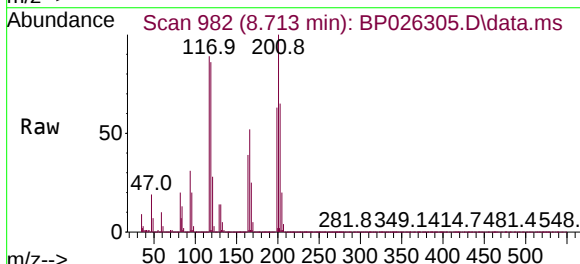
Instrument :  
BNA\_P  
ClientSampleId :  
PL-01-12102025MSD

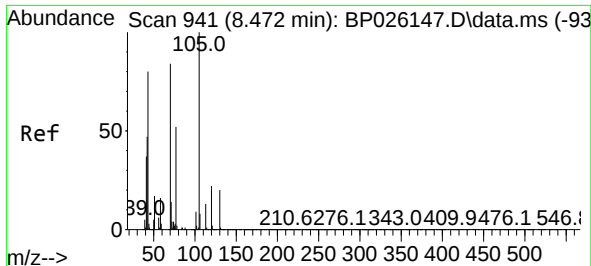
|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 107   | Resp: | 713491 |
| Ion      | Ratio | Lower | Upper  |
| 107      | 100   |       |        |
| 108      | 110.4 | 89.7  | 134.5  |
| 77       | 44.1  | 33.9  | 50.9   |
| 79       | 44.1  | 33.0  | 49.4   |



#18  
Hexachloroethane  
Concen: 38.463 ng  
RT: 8.713 min Scan# 982  
Delta R.T. -0.012 min  
Lab File: BP026305.D  
Acq: 11 Dec 2025 23:26

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 117   | Resp: | 331767 |
| Ion      | Ratio | Lower | Upper  |
| 117      | 100   |       |        |
| 119      | 97.6  | 78.7  | 118.1  |
| 201      | 112.8 | 85.1  | 127.7  |

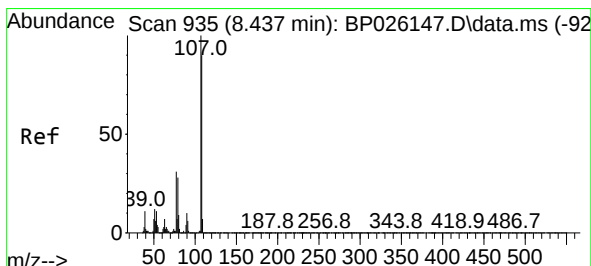
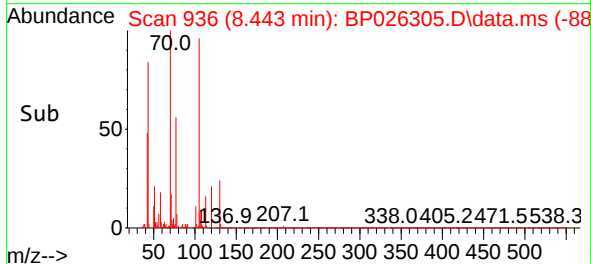
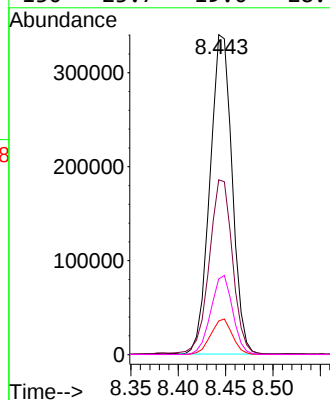
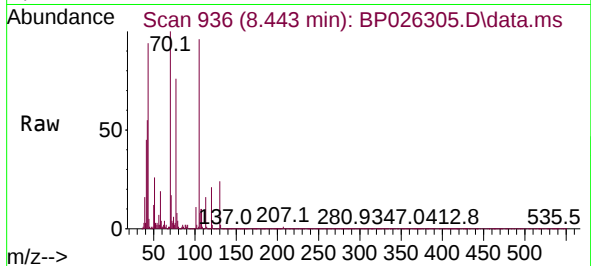




#19  
n-Nitroso-di-n-propylamine  
Concen: 37.226 ng  
RT: 8.443 min Scan# 931  
Delta R.T. -0.012 min  
Lab File: BP026305.D  
Acq: 11 Dec 2025 23:26

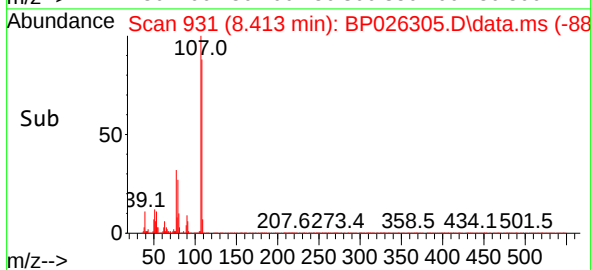
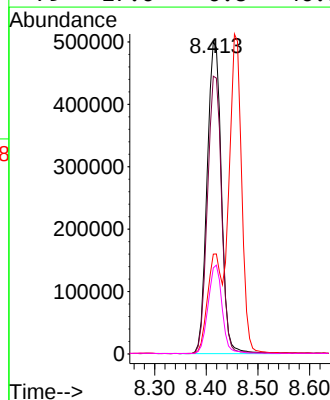
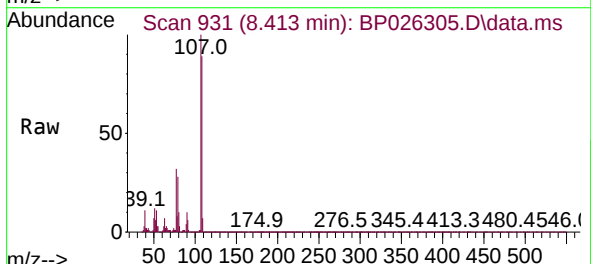
Instrument :  
BNA\_P  
ClientSampleId :  
PL-01-12102025MSD

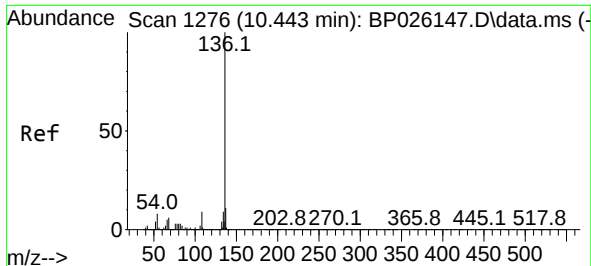
|             |              |
|-------------|--------------|
| Tgt Ion: 70 | Resp: 555085 |
| Ion Ratio   | Lower Upper  |
| 70 100      |              |
| 42 54.6     | 44.1 66.1    |
| 101 10.5    | 8.2 12.4     |
| 130 23.7    | 19.0 28.4    |



#20  
3+4-Methylphenols  
Concen: 39.304 ng  
RT: 8.413 min Scan# 931  
Delta R.T. -0.006 min  
Lab File: BP026305.D  
Acq: 11 Dec 2025 23:26

|     |         |       |        |
|-----|---------|-------|--------|
| Tgt | Ion:107 | Resp: | 958481 |
| Ion | Ratio   | Lower | Upper  |
| 107 | 100     |       |        |
| 108 | 89.0    | 68.9  | 108.9  |
| 77  | 32.0    | 10.4  | 50.4   |
| 79  | 27.6    | 6.8   | 46.8   |



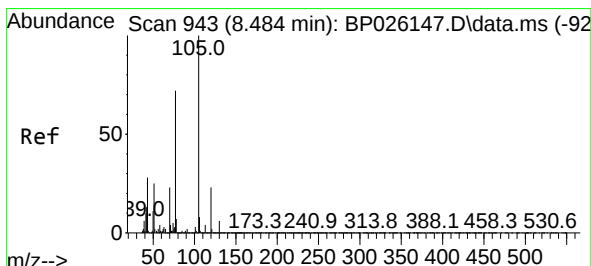
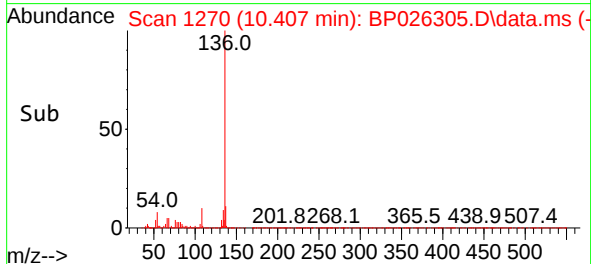
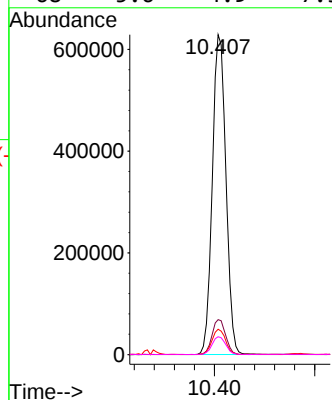
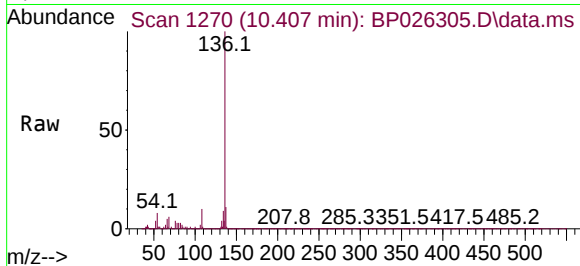


#21  
Naphthalene-d8  
Concen: 20.000 ng  
RT: 10.407 min Scan# 11  
Delta R.T. -0.012 min  
Lab File: BP026305.D  
Acq: 11 Dec 2025 23:26

Instrument :  
BNA\_P  
ClientSampleId :  
PL-01-12102025MSD

Tgt Ion:136 Resp: 1181708

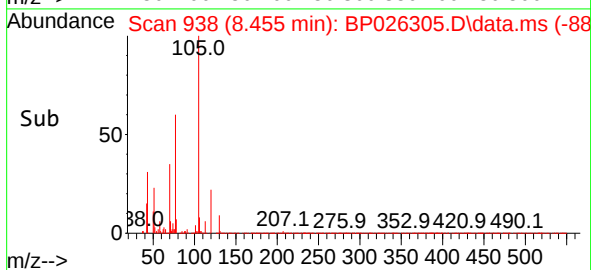
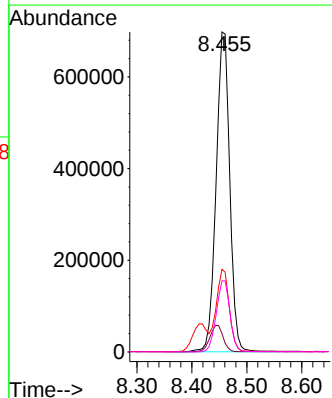
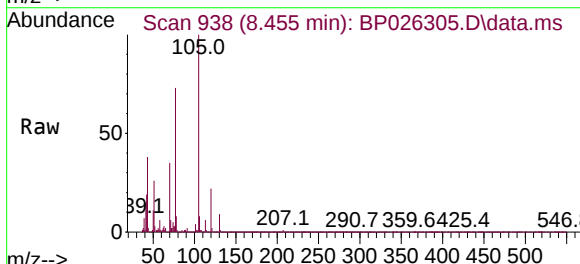
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 136 | 100   |       |       |
| 137 | 10.9  | 8.7   | 13.1  |
| 54  | 7.9   | 6.4   | 9.6   |
| 68  | 5.6   | 4.9   | 7.3   |



#22  
Acetophenone  
Concen: 40.053 ng  
RT: 8.455 min Scan# 938  
Delta R.T. -0.006 min  
Lab File: BP026305.D  
Acq: 11 Dec 2025 23:26

Tgt Ion:105 Resp: 1200576

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 105 | 100   |       |       |
| 71  | 5.8   | 3.0   | 4.4#  |
| 51  | 25.8  | 20.5  | 30.7  |
| 120 | 22.2  | 18.2  | 27.2  |

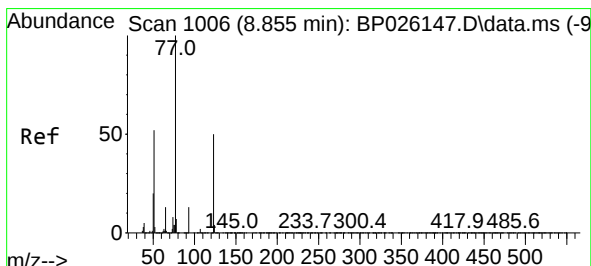
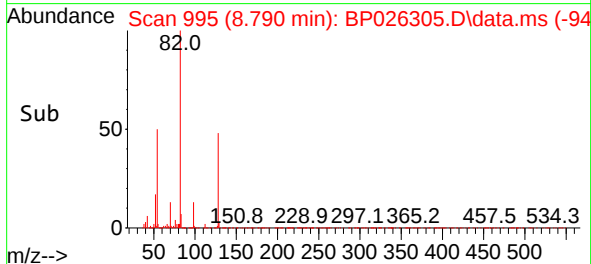
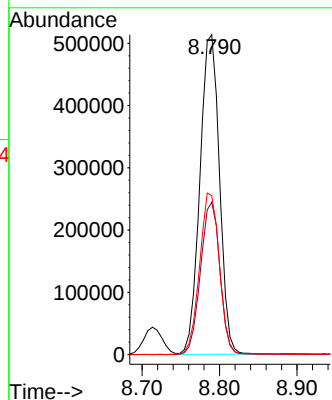
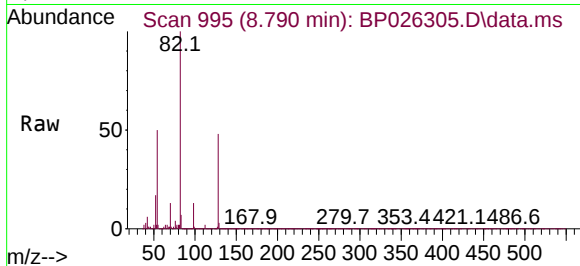




#23  
Nitrobenzene-d5  
Concen: 43.220 ng  
RT: 8.790 min Scan# 999  
Delta R.T. -0.000 min  
Lab File: BP026305.D  
Acq: 11 Dec 2025 23:26

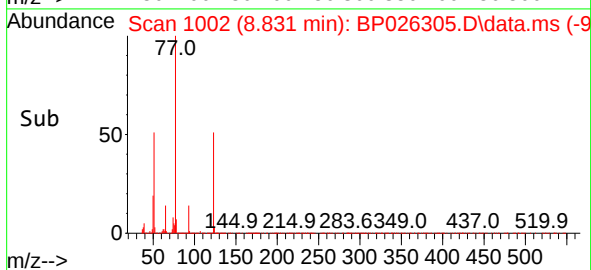
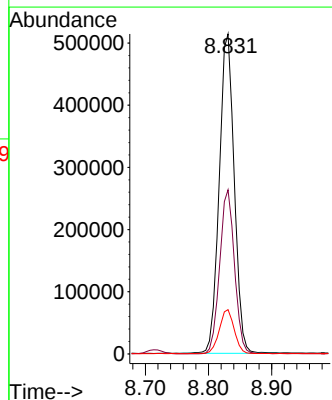
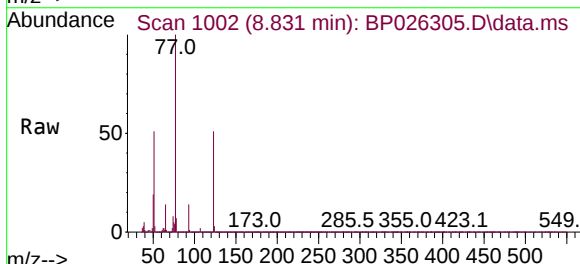
Instrument :  
BNA\_P  
ClientSampleId :  
PL-01-12102025MSD

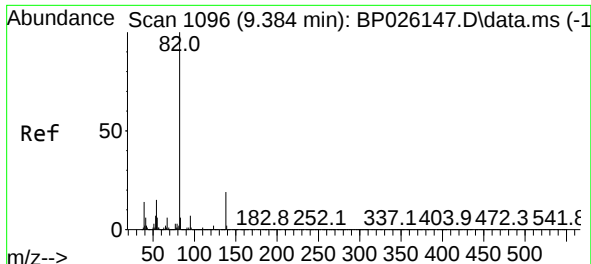
Tgt Ion: 82 Resp: 897278  
Ion Ratio Lower Upper  
82 100  
128 47.7 37.4 56.0  
54 49.7 41.6 62.4



#24  
Nitrobenzene  
Concen: 40.411 ng  
RT: 8.831 min Scan# 1002  
Delta R.T. -0.000 min  
Lab File: BP026305.D  
Acq: 11 Dec 2025 23:26

Tgt Ion: 77 Resp: 848024  
Ion Ratio Lower Upper  
77 100  
123 51.3 39.8 59.8  
65 13.8 11.2 16.8

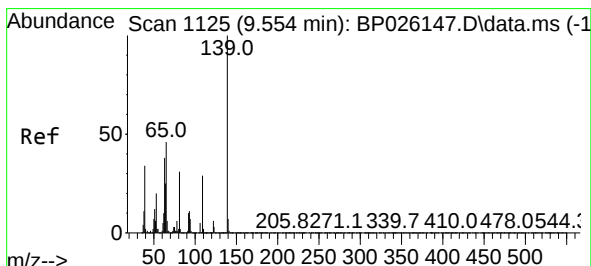
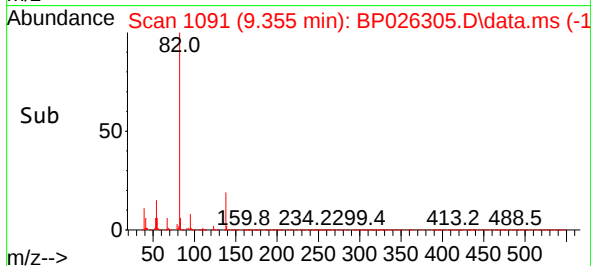
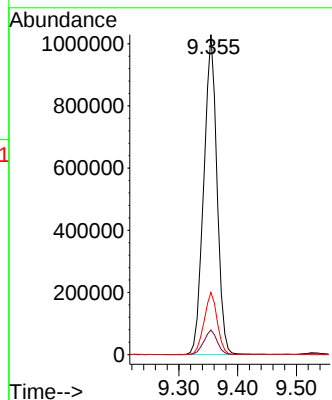
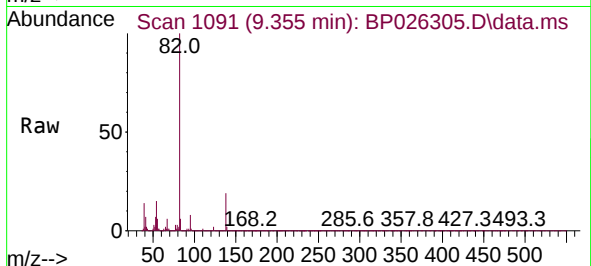




#25  
Isophorone  
Concen: 39.338 ng  
RT: 9.355 min Scan# 1096  
Delta R.T. -0.006 min  
Lab File: BP026305.D  
Acq: 11 Dec 2025 23:26

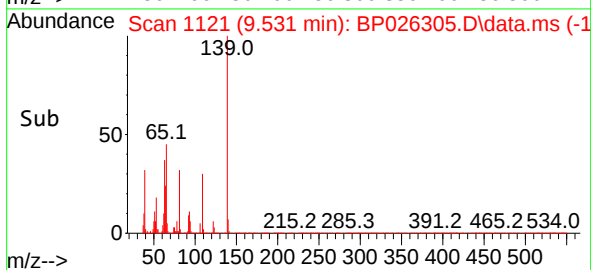
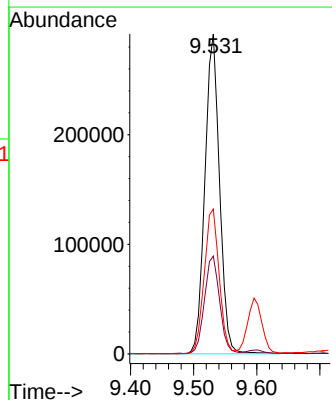
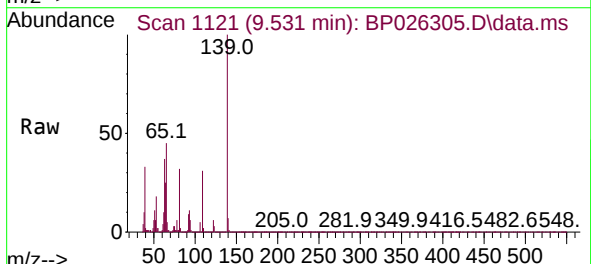
Instrument :  
BNA\_P  
ClientSampleId :  
PL-01-12102025MSD

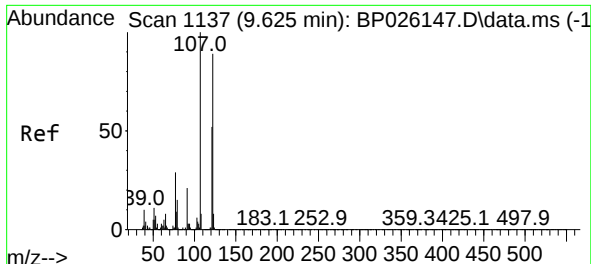
Tgt Ion: 82 Resp: 1602248  
Ion Ratio Lower Upper  
82 100  
95 7.7 5.4 8.0  
138 19.5 15.4 23.0



#26  
2-Nitrophenol  
Concen: 44.425 ng  
RT: 9.531 min Scan# 1121  
Delta R.T. -0.006 min  
Lab File: BP026305.D  
Acq: 11 Dec 2025 23:26

Tgt Ion: 139 Resp: 471352  
Ion Ratio Lower Upper  
139 100  
109 30.6 22.3 33.5  
65 45.3 37.2 55.8





#27

2,4-Dimethylphenol

Concen: 42.480 ng

RT: 9.596 min Scan# 1132

Delta R.T. -0.006 min

Lab File: BP026305.D

Acq: 11 Dec 2025 23:26

Instrument :

BNA\_P

ClientSampleId :

PL-01-12102025MSD

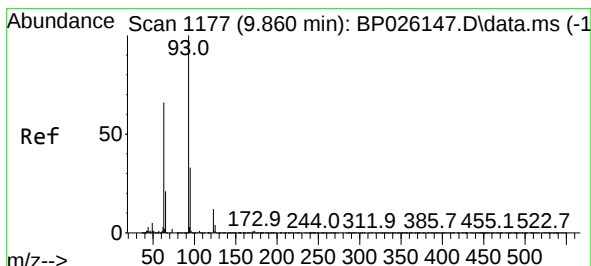
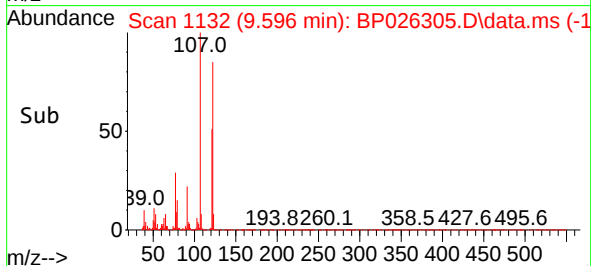
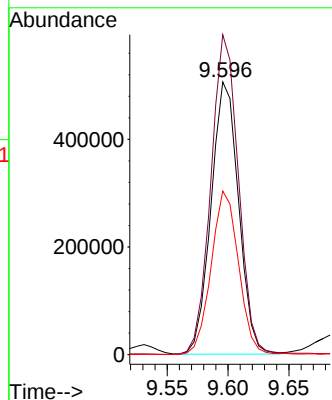
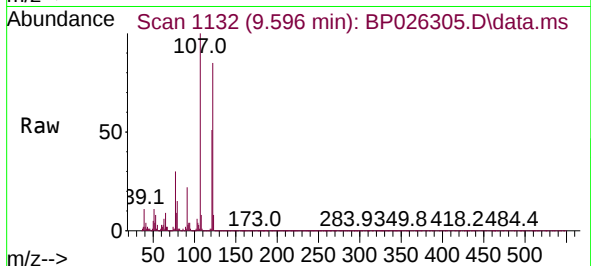
Tgt Ion:122 Resp: 797738

Ion Ratio Lower Upper

122 100

107 117.3 91.0 136.6

121 60.0 47.0 70.6



#28

bis(2-Chloroethoxy)methane

Concen: 39.248 ng

RT: 9.831 min Scan# 1172

Delta R.T. -0.000 min

Lab File: BP026305.D

Acq: 11 Dec 2025 23:26

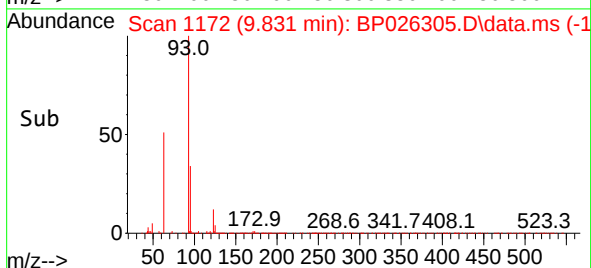
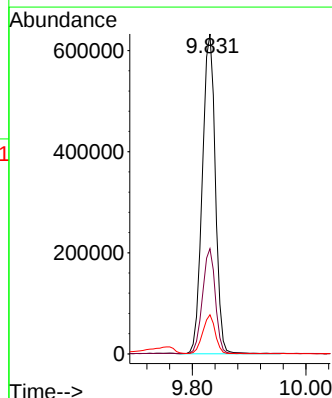
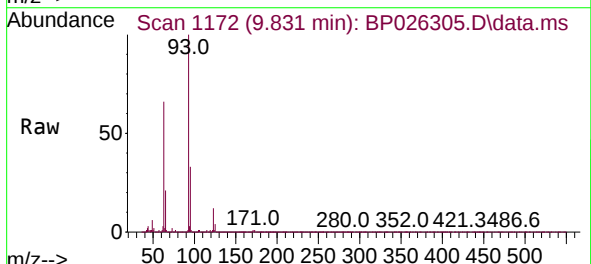
Tgt Ion: 93 Resp: 1004645

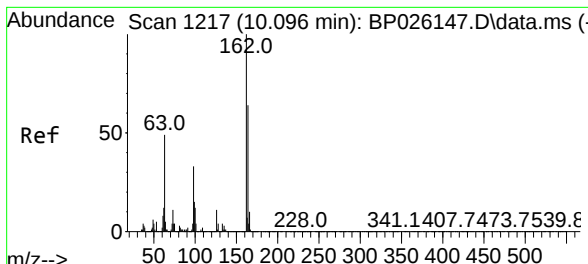
Ion Ratio Lower Upper

93 100

95 32.9 26.4 39.6

123 12.2 9.4 14.0

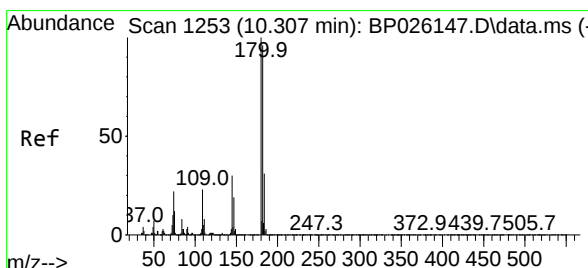
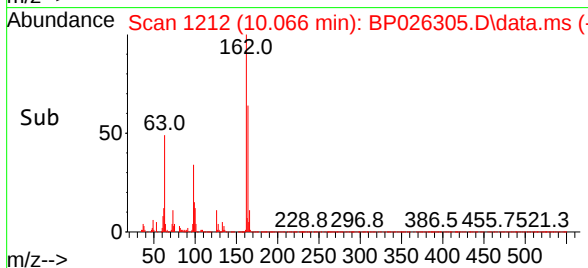
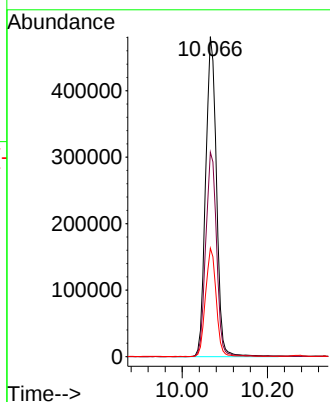
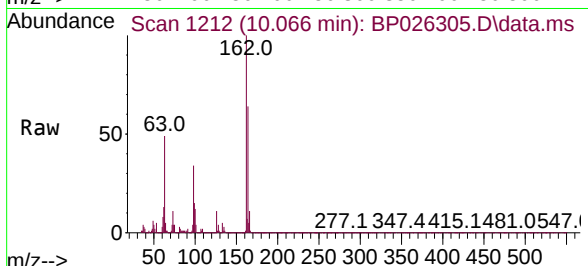




#29  
2,4-Dichlorophenol  
Concen: 44.393 ng  
RT: 10.066 min Scan# 1217  
Delta R.T. -0.006 min  
Lab File: BP026305.D  
Acq: 11 Dec 2025 23:26

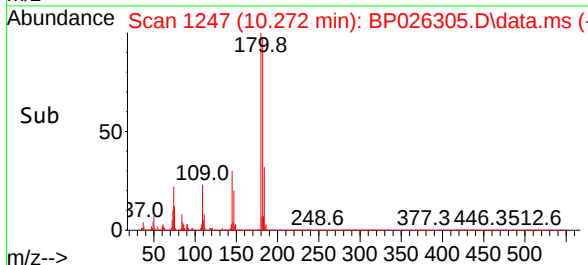
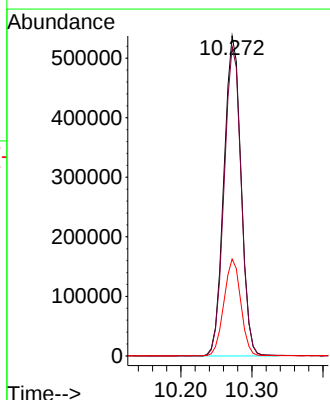
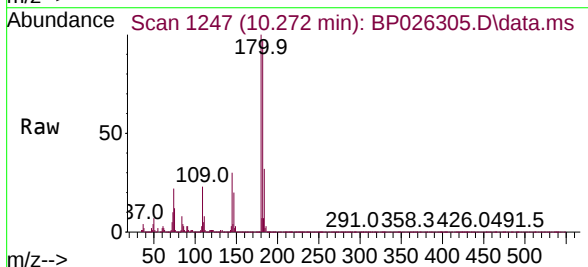
Instrument :  
BNA\_P  
ClientSampleId :  
PL-01-12102025MSD

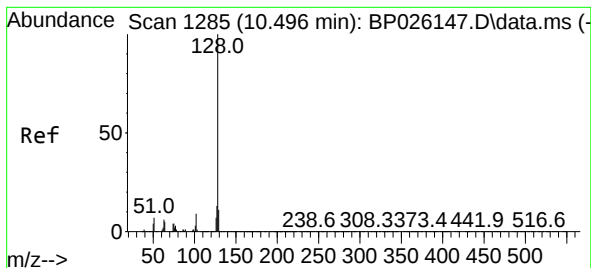
Tgt Ion:162 Resp: 849594  
Ion Ratio Lower Upper  
162 100  
164 63.9 43.8 83.8  
98 33.9 14.1 54.1



#30  
1,2,4-Trichlorobenzene  
Concen: 45.848 ng  
RT: 10.272 min Scan# 1247  
Delta R.T. -0.012 min  
Lab File: BP026305.D  
Acq: 11 Dec 2025 23:26

Tgt Ion:180 Resp: 901963  
Ion Ratio Lower Upper  
180 100  
182 96.6 78.1 117.1  
145 30.3 24.2 36.4

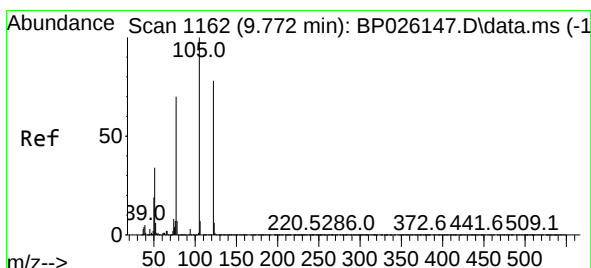
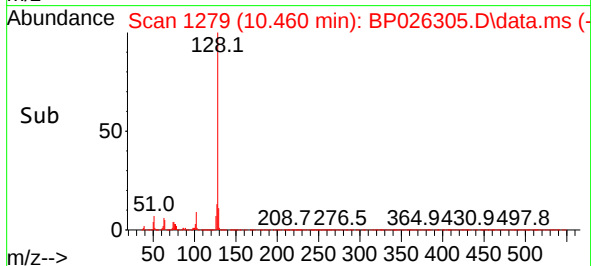
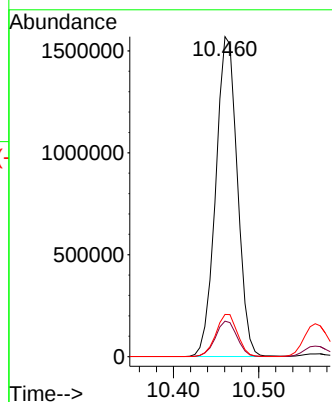
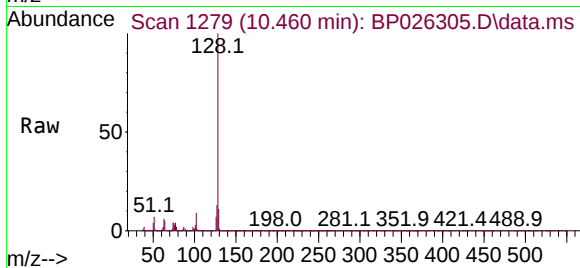




#31  
Naphthalene  
Concen: 43.236 ng  
RT: 10.460 min Scan# 1160  
Delta R.T. -0.006 min  
Lab File: BP026305.D  
Acq: 11 Dec 2025 23:26

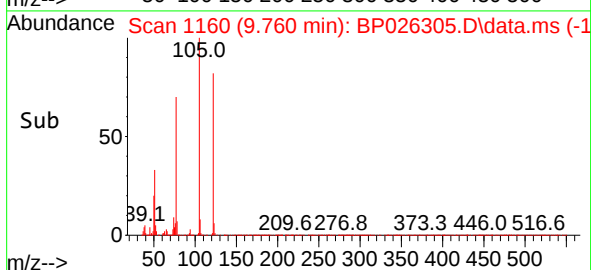
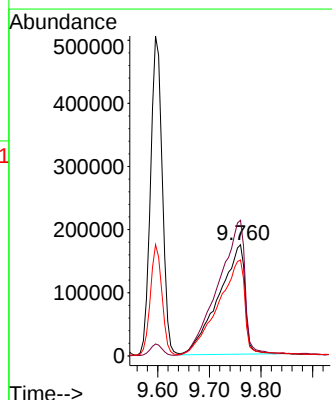
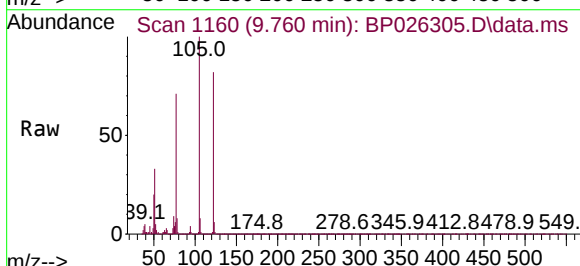
Instrument :  
BNA\_P  
ClientSampleId :  
PL-01-12102025MSD

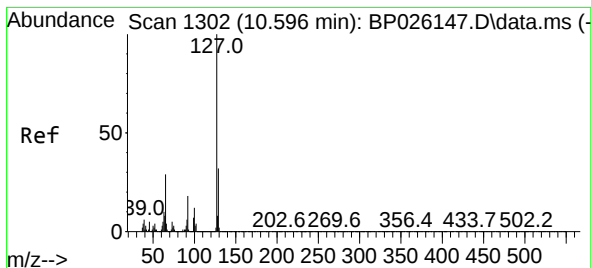
Tgt Ion:128 Resp: 2762178  
Ion Ratio Lower Upper  
128 100  
129 11.1 9.0 13.6  
127 13.2 10.2 15.4



#32  
Benzoic acid  
Concen: 41.089 ng  
RT: 9.760 min Scan# 1160  
Delta R.T. 0.053 min  
Lab File: BP026305.D  
Acq: 11 Dec 2025 23:26

Tgt Ion:122 Resp: 618123  
Ion Ratio Lower Upper  
122 100  
105 122.0 100.1 140.1  
77 86.3 66.7 106.7

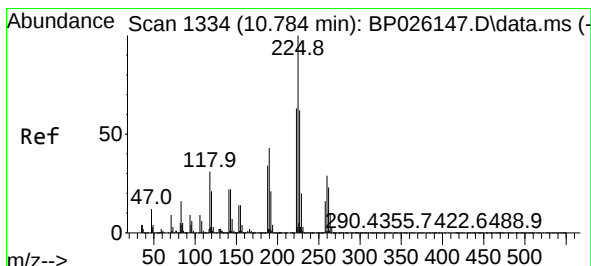
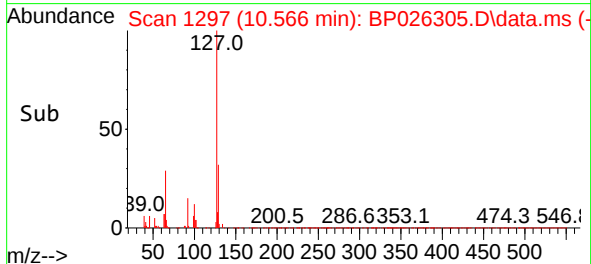
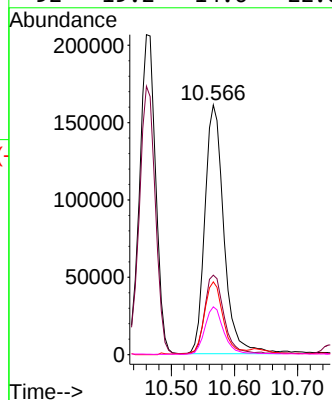
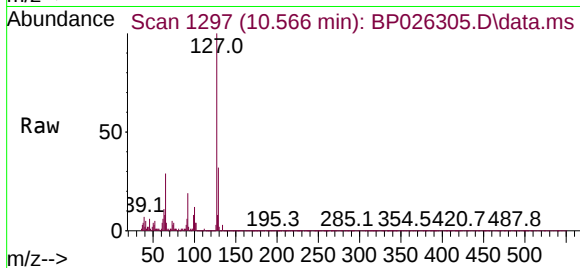




#33  
4-Chloroaniline  
Concen: 12.592 ng  
RT: 10.566 min Scan# 11  
Delta R.T. -0.006 min  
Lab File: BP026305.D  
Acq: 11 Dec 2025 23:26

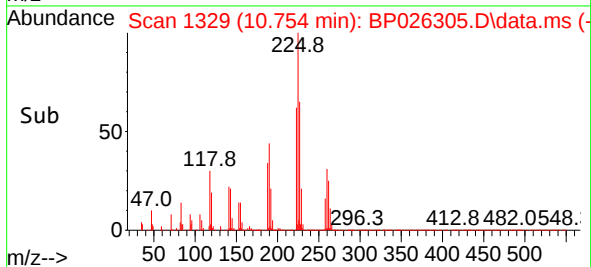
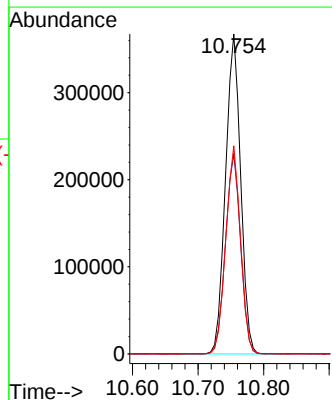
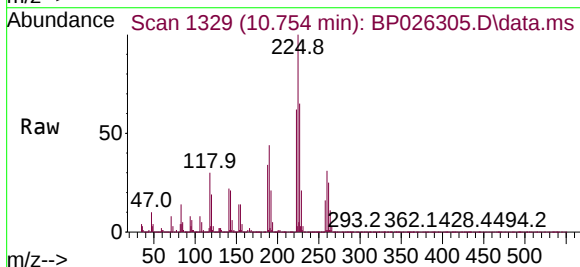
Instrument :  
BNA\_P  
ClientSampleId :  
PL-01-12102025MSD

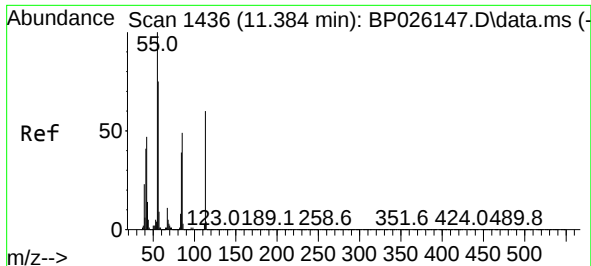
|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 127   | Resp: | 337003 |
| Ion      | Ratio | Lower | Upper  |
| 127      | 100   |       |        |
| 129      | 31.8  | 25.8  | 38.8   |
| 65       | 29.2  | 22.7  | 34.1   |
| 92       | 19.2  | 14.6  | 22.0   |



#34  
Hexachlorobutadiene  
Concen: 45.835 ng  
RT: 10.754 min Scan# 1329  
Delta R.T. -0.006 min  
Lab File: BP026305.D  
Acq: 11 Dec 2025 23:26

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 225   | Resp: | 588740 |
| Ion      | Ratio | Lower | Upper  |
| 225      | 100   |       |        |
| 223      | 62.4  | 49.6  | 74.4   |
| 227      | 65.0  | 51.2  | 76.8   |

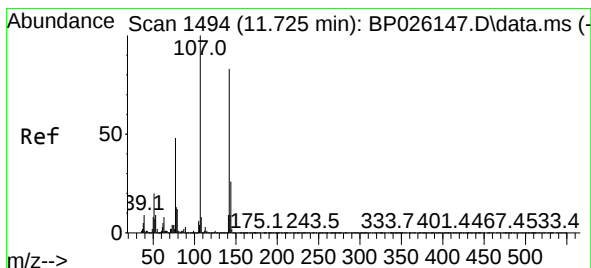
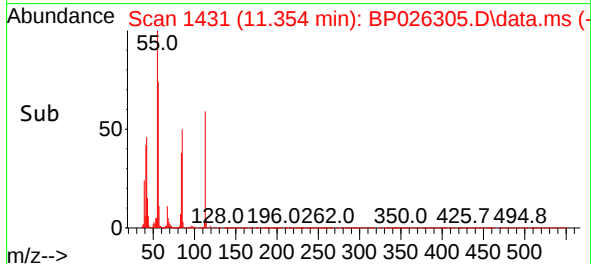
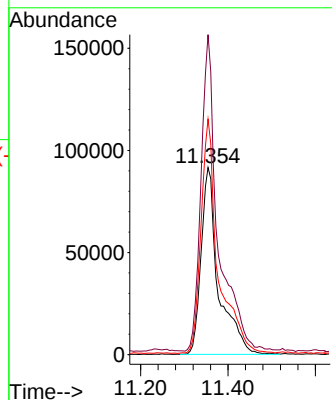
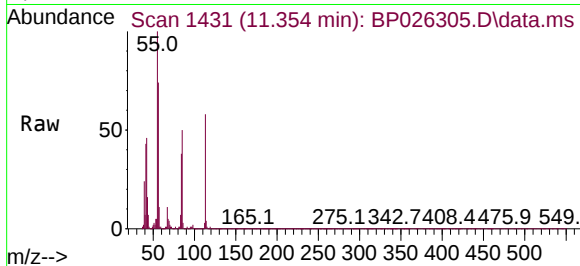




#35  
Caprolactam  
Concen: 37.293 ng  
RT: 11.354 min Scan# 1436  
Delta R.T. -0.006 min  
Lab File: BP026305.D  
Acq: 11 Dec 2025 23:26

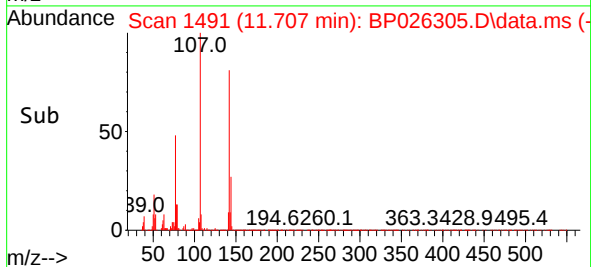
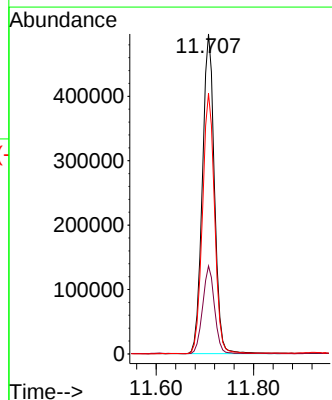
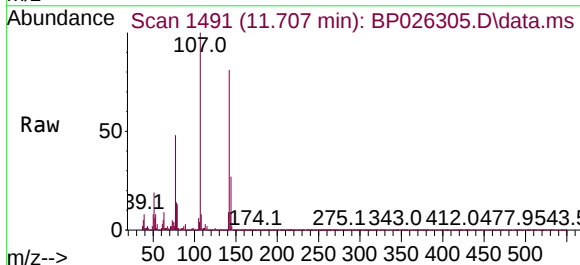
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BNA\_P  
ClientSampleId :  
PL-01-12102025MSD

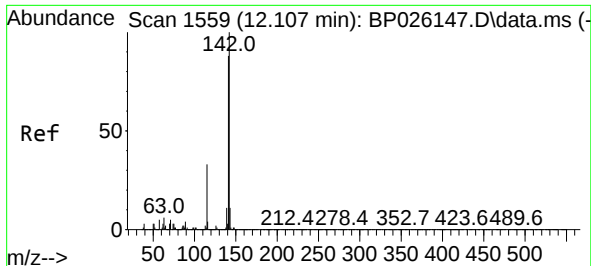
Tgt Ion:113 Resp: 252032  
Ion Ratio Lower Upper  
113 100  
55 171.0 153.0 193.0  
56 125.9 106.4 146.4



#36  
4-Chloro-3-methylphenol  
Concen: 42.314 ng  
RT: 11.707 min Scan# 1491  
Delta R.T. -0.000 min  
Lab File: BP026305.D  
Acq: 11 Dec 2025 23:26

Tgt Ion:107 Resp: 852050  
Ion Ratio Lower Upper  
107 100  
144 27.5 21.6 32.4  
142 81.4 65.6 98.4

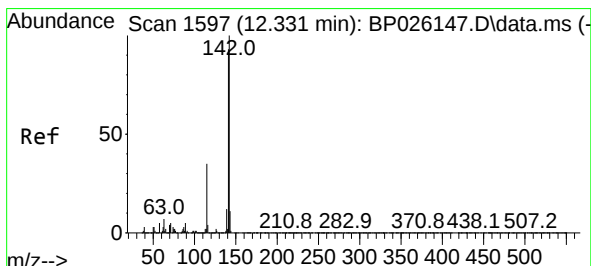
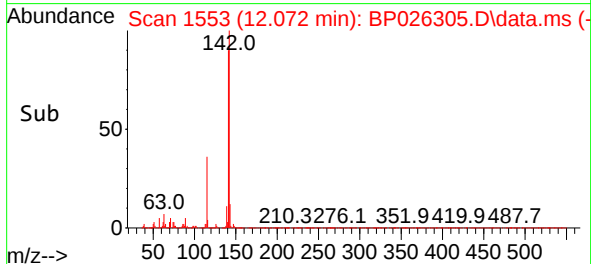
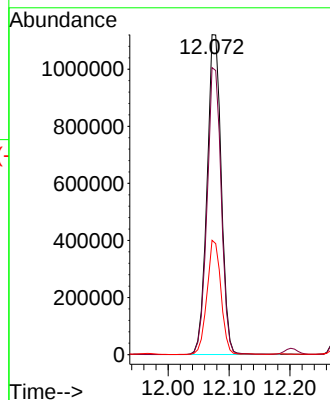
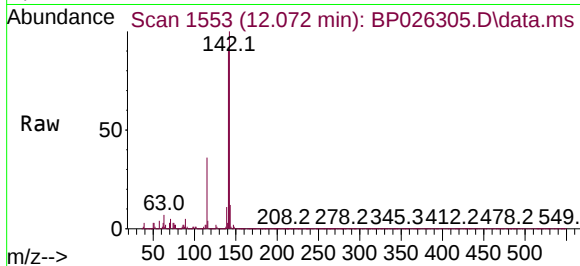




#37  
2-Methylnaphthalene  
Concen: 40.361 ng  
RT: 12.072 min Scan# 1553  
Delta R.T. -0.012 min  
Lab File: BP026305.D  
Acq: 11 Dec 2025 23:26

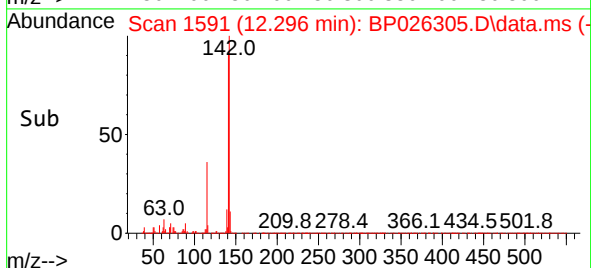
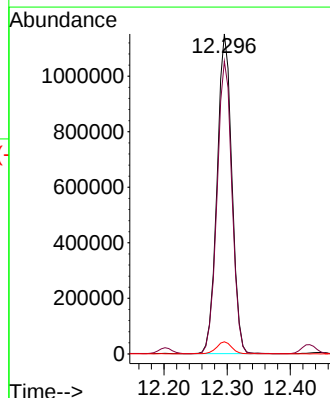
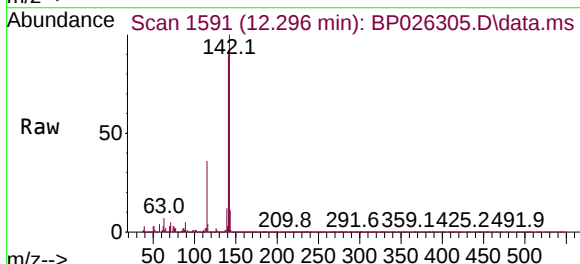
Instrument :  
BNA\_P  
ClientSampleId :  
PL-01-12102025MSD

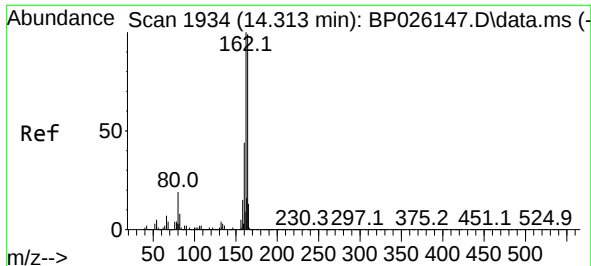
Tgt Ion:142 Resp: 1817310  
Ion Ratio Lower Upper  
142 100  
141 89.7 71.0 106.6  
115 35.7 26.6 39.8



#38  
1-Methylnaphthalene  
Concen: 42.561 ng  
RT: 12.296 min Scan# 1591  
Delta R.T. -0.012 min  
Lab File: BP026305.D  
Acq: 11 Dec 2025 23:26

Tgt Ion:142 Resp: 1872210  
Ion Ratio Lower Upper  
142 100  
141 91.5 73.5 110.3  
116 3.8 3.0 4.4

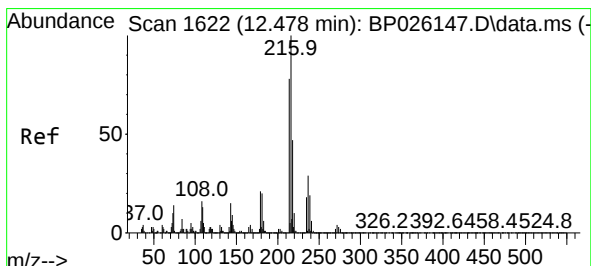
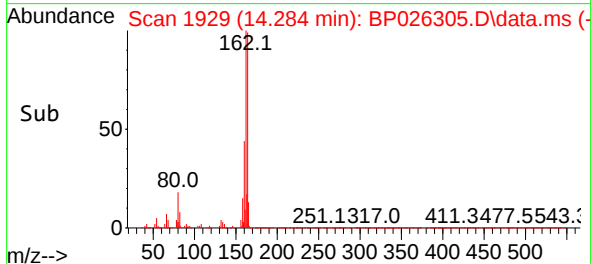
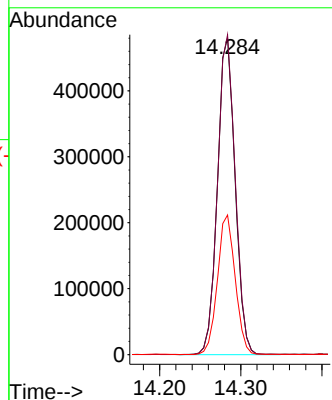
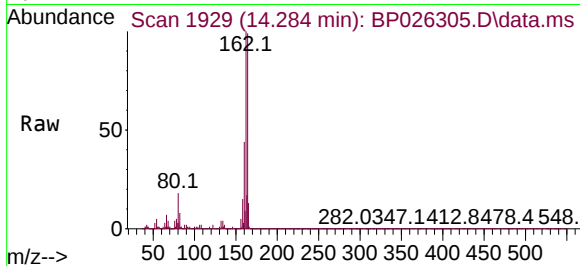




#39  
Acenaphthene-d10  
Concen: 20.000 ng  
RT: 14.284 min Scan# 1934  
Delta R.T. -0.006 min  
Lab File: BP026305.D  
Acq: 11 Dec 2025 23:26

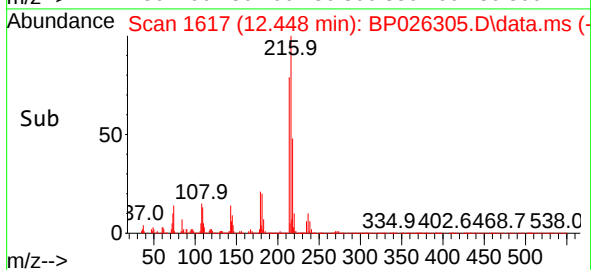
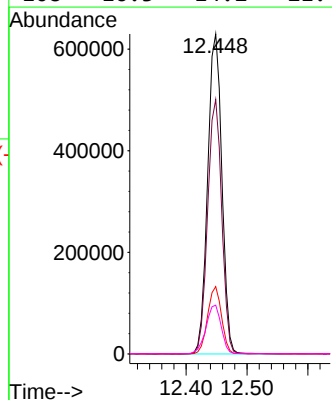
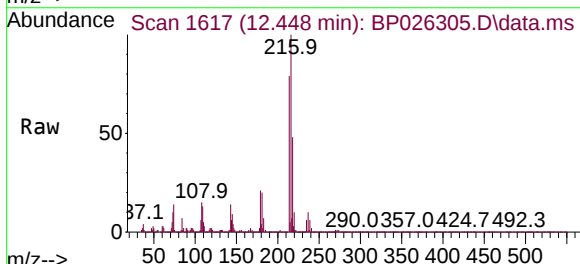
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BNA\_P  
ClientSampleId :  
PL-01-12102025MSD

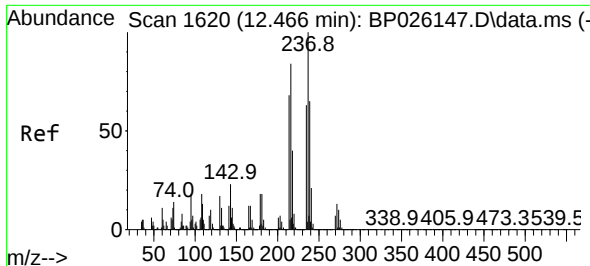
Tgt Ion:164 Resp: 726915  
Ion Ratio Lower Upper  
164 100  
162 101.0 80.3 120.5  
160 44.1 35.2 52.8



#40  
1,2,4,5-Tetrachlorobenzene  
Concen: 45.889 ng  
RT: 12.448 min Scan# 1617  
Delta R.T. -0.006 min  
Lab File: BP026305.D  
Acq: 11 Dec 2025 23:26

Tgt Ion:216 Resp: 1018280  
Ion Ratio Lower Upper  
216 100  
214 78.8 62.6 94.0  
179 20.6 16.6 25.0  
108 16.3 14.2 21.4

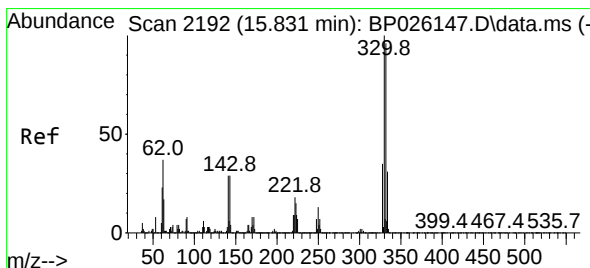
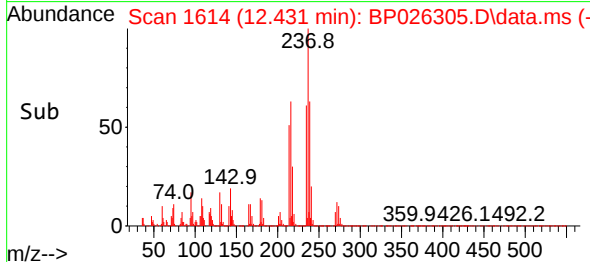
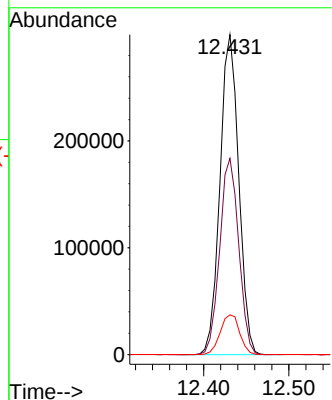
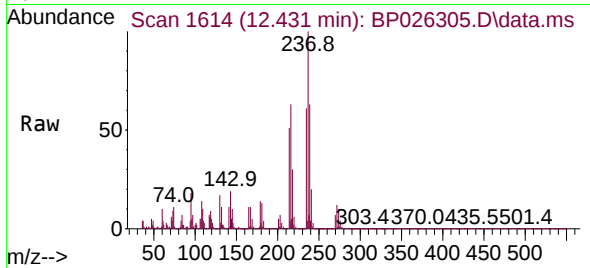




#41  
Hexachlorocyclopentadiene  
Concen: 33.036 ng  
RT: 12.431 min Scan# 10  
Delta R.T. -0.006 min  
Lab File: BP026305.D  
Acq: 11 Dec 2025 23:26

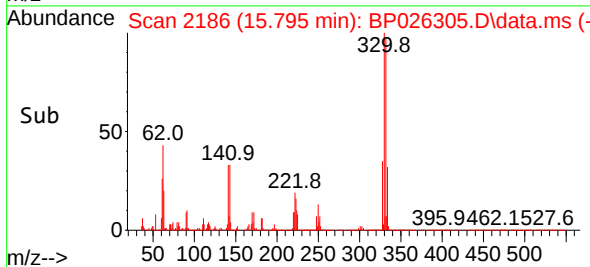
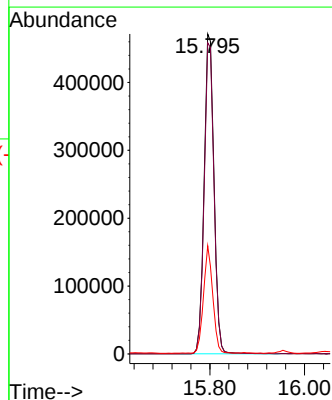
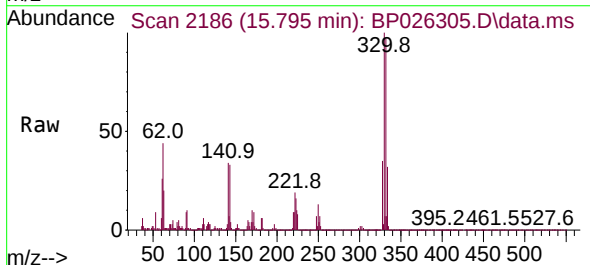
Instrument :  
BNA\_P  
ClientSampleId :  
PL-01-12102025MSD

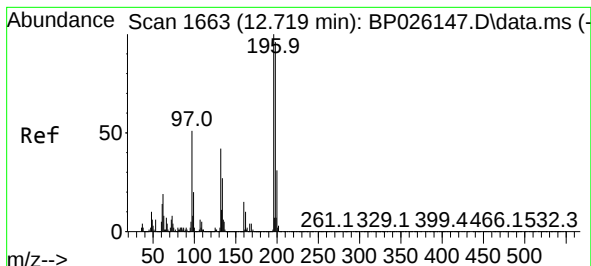
Tgt Ion:237 Resp: 457282  
Ion Ratio Lower Upper  
237 100  
235 61.3 43.3 83.3  
272 12.4 0.0 32.9



#42  
2,4,6-Tribromophenol  
Concen: 71.801 ng  
RT: 15.795 min Scan# 2186  
Delta R.T. -0.012 min  
Lab File: BP026305.D  
Acq: 11 Dec 2025 23:26

Tgt Ion:330 Resp: 678752  
Ion Ratio Lower Upper  
330 100  
332 96.9 78.0 117.0  
141 31.9 26.8 40.2





#43

2,4,6-Trichlorophenol

Concen: 45.337 ng

RT: 12.696 min Scan# 1659

Delta R.T. -0.000 min

Lab File: BP026305.D

Acq: 11 Dec 2025 23:26

Instrument :

BNA\_P

ClientSampleId :

PL-01-12102025MSD

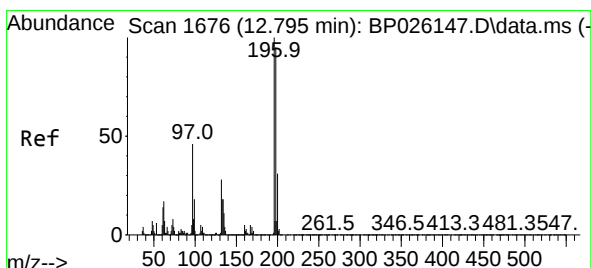
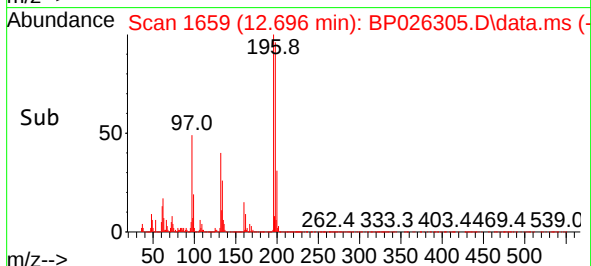
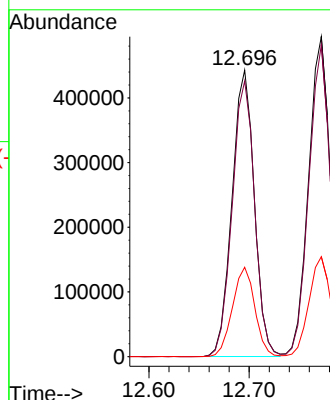
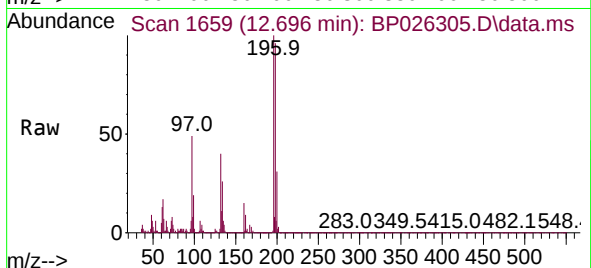
Tgt Ion:196 Resp: 683710

Ion Ratio Lower Upper

196 100

198 96.2 76.9 115.3

200 31.2 24.6 37.0



#44

2,4,5-Trichlorophenol

Concen: 44.982 ng

RT: 12.772 min Scan# 1672

Delta R.T. -0.000 min

Lab File: BP026305.D

Acq: 11 Dec 2025 23:26

Tgt Ion:196 Resp: 755518

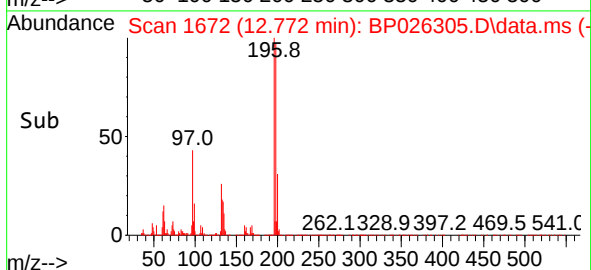
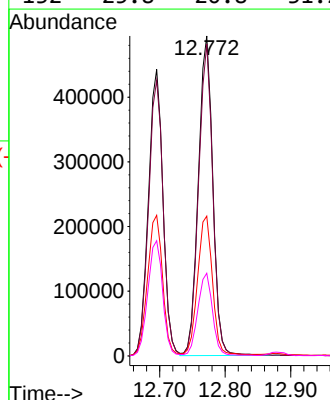
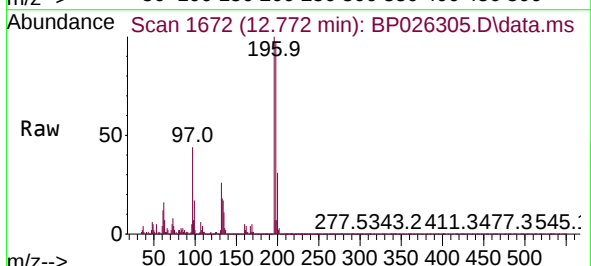
Ion Ratio Lower Upper

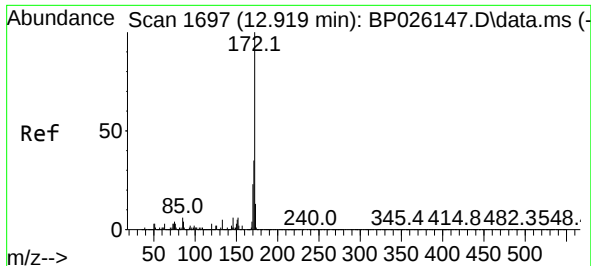
196 100

198 97.5 76.4 114.6

97 43.7 35.7 53.5

132 25.8 20.8 31.2

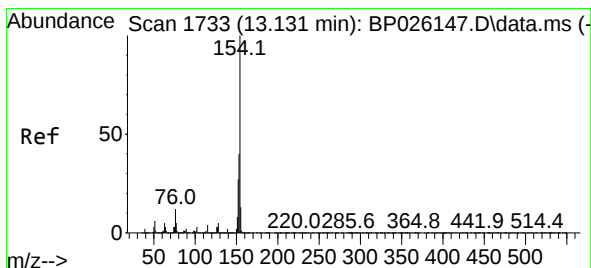
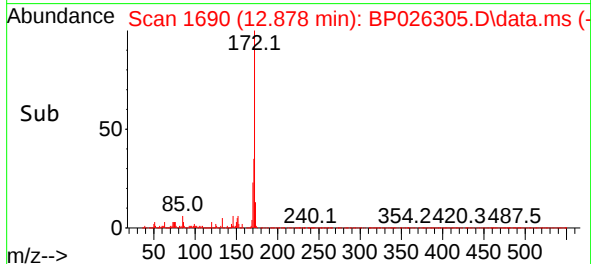
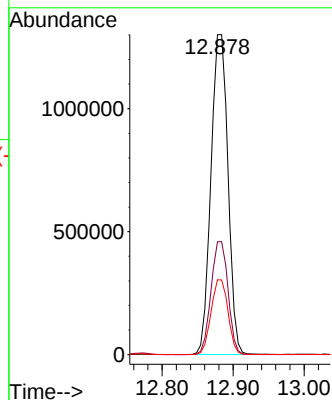
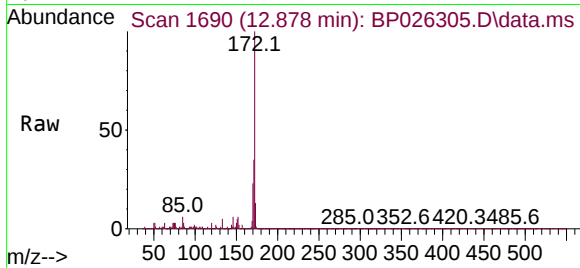




#45  
2-Fluorobiphenyl  
Concen: 43.320 ng  
RT: 12.878 min Scan# 1697  
Delta R.T. -0.024 min  
Lab File: BP026305.D  
Acq: 11 Dec 2025 23:26

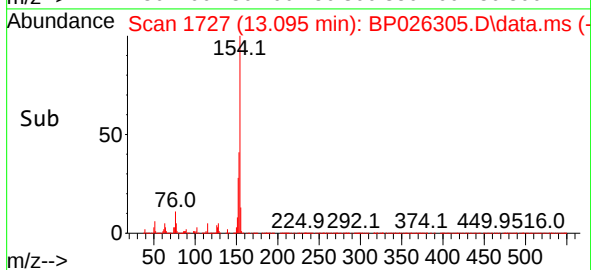
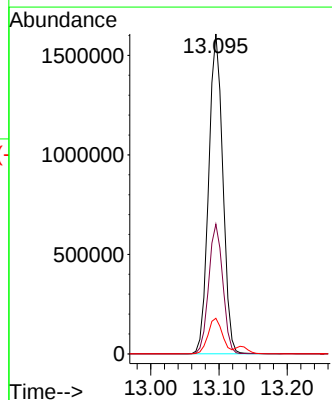
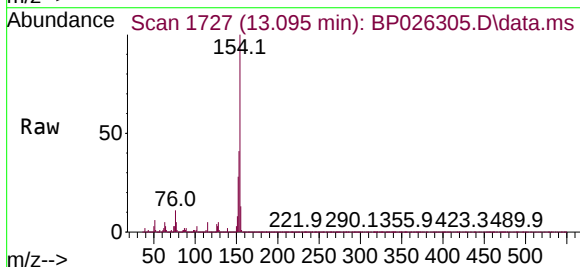
Instrument :  
BNA\_P  
ClientSampleId :  
PL-01-12102025MSD

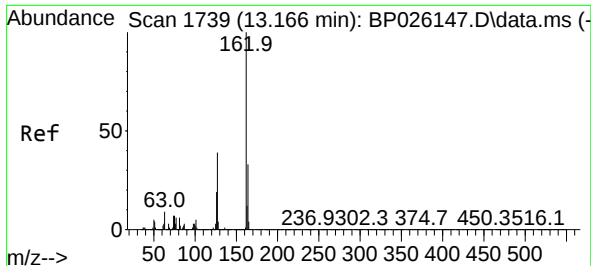
Tgt Ion:172 Resp: 2165923  
Ion Ratio Lower Upper  
172 100  
171 35.3 28.2 42.4  
170 23.4 18.7 28.1



#46  
1,1'-Biphenyl  
Concen: 42.267 ng  
RT: 13.095 min Scan# 1727  
Delta R.T. -0.012 min  
Lab File: BP026305.D  
Acq: 11 Dec 2025 23:26

Tgt Ion:154 Resp: 2320006  
Ion Ratio Lower Upper  
154 100  
153 40.5 20.3 60.3  
76 11.1 0.0 32.3

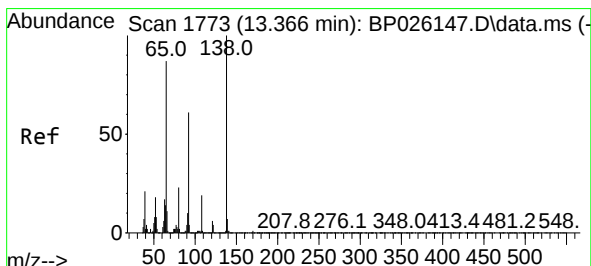
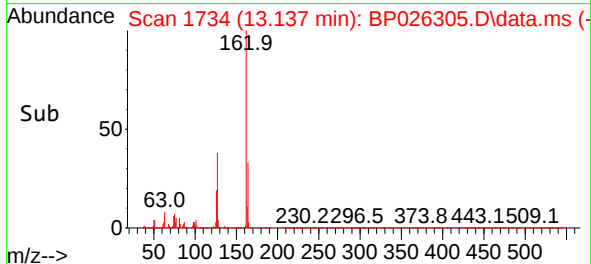
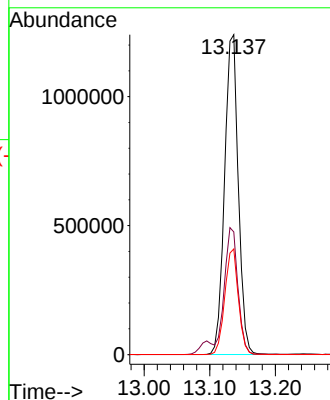
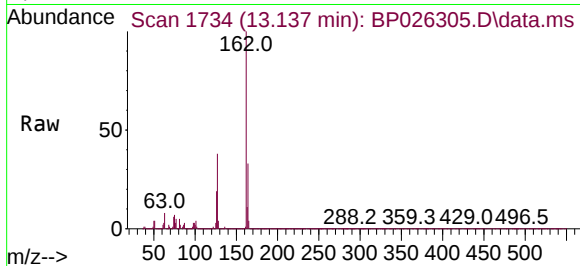




#47  
2-Chloronaphthalene  
Concen: 41.956 ng  
RT: 13.137 min Scan# 1734  
Delta R.T. -0.006 min  
Lab File: BP026305.D  
Acq: 11 Dec 2025 23:26

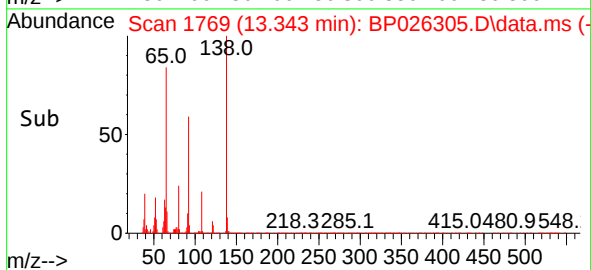
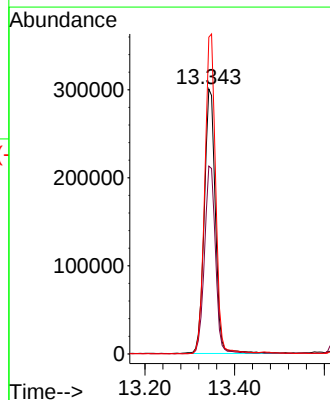
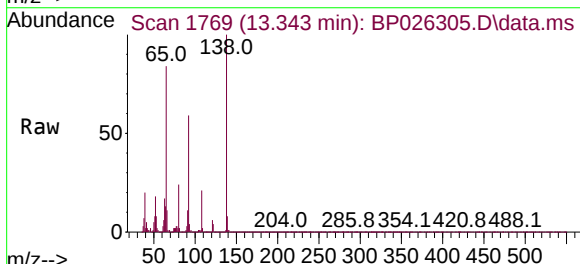
Instrument :  
BNA\_P  
ClientSampleId :  
PL-01-12102025MSD

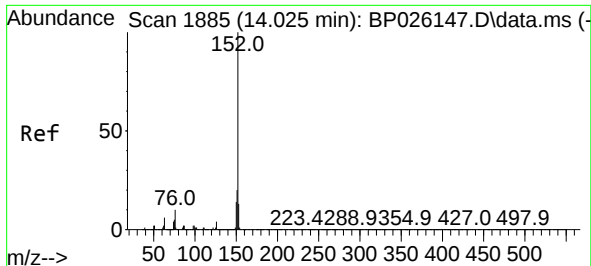
Tgt Ion:162 Resp: 1814415  
Ion Ratio Lower Upper  
162 100  
127 38.3 30.9 46.3  
164 33.0 26.4 39.6



#48  
2-Nitroaniline  
Concen: 43.719 ng  
RT: 13.343 min Scan# 1769  
Delta R.T. -0.000 min  
Lab File: BP026305.D  
Acq: 11 Dec 2025 23:26

Tgt Ion: 65 Resp: 517832  
Ion Ratio Lower Upper  
65 100  
92 70.9 59.1 88.7  
138 119.5 96.6 145.0

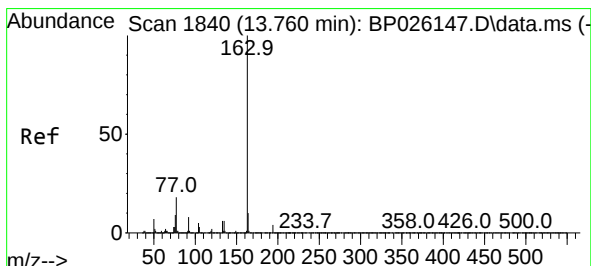
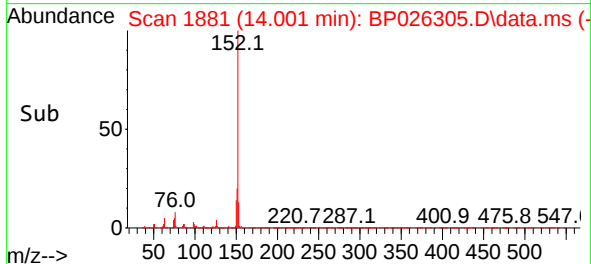
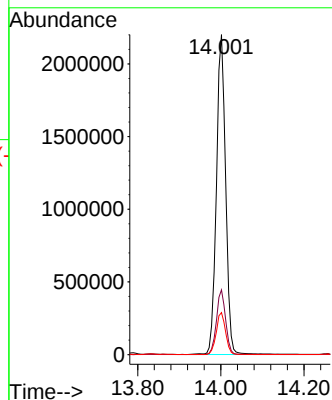
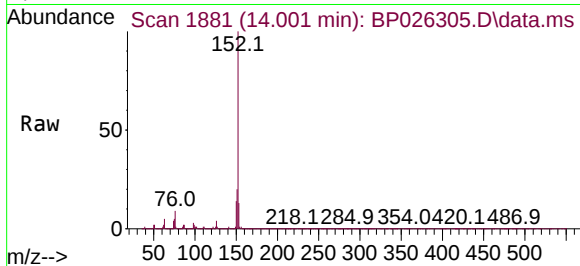




#49  
Acenaphthylene  
Concen: 47.774 ng  
RT: 14.001 min Scan# 1881  
Delta R.T. -0.000 min  
Lab File: BP026305.D  
Acq: 11 Dec 2025 23:26

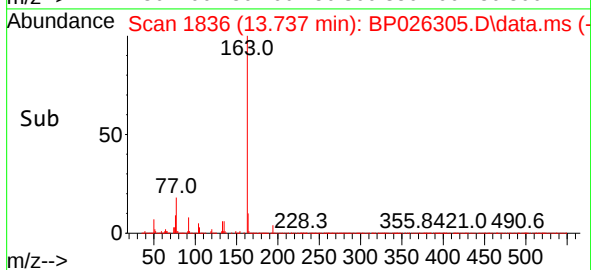
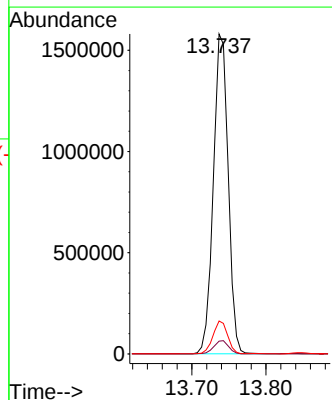
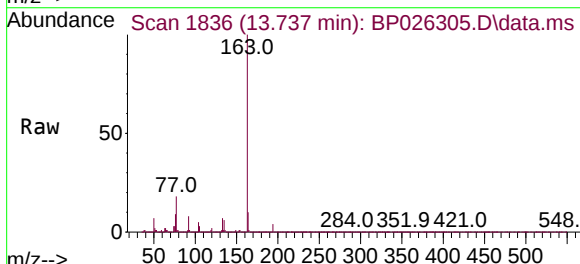
Instrument :  
BNA\_P  
ClientSampleId :  
PL-01-12102025MSD

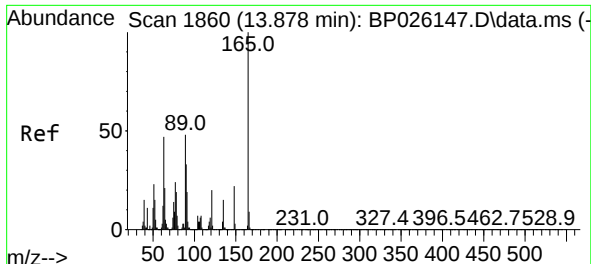
Tgt Ion:152 Resp: 3390401  
Ion Ratio Lower Upper  
152 100  
151 20.2 15.8 23.8  
153 13.2 10.6 16.0



#50  
Dimethylphthalate  
Concen: 40.597 ng  
RT: 13.737 min Scan# 1836  
Delta R.T. -0.006 min  
Lab File: BP026305.D  
Acq: 11 Dec 2025 23:26

Tgt Ion:163 Resp: 2198917  
Ion Ratio Lower Upper  
163 100  
194 4.0 3.3 4.9  
164 10.3 8.2 12.2

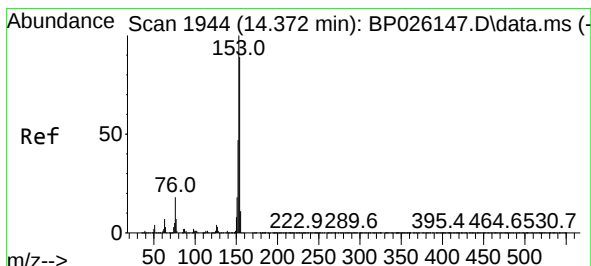
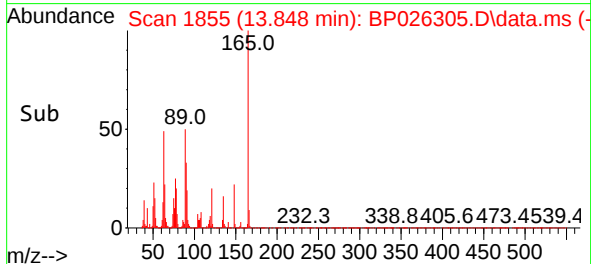
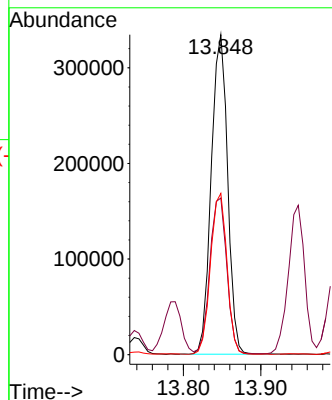
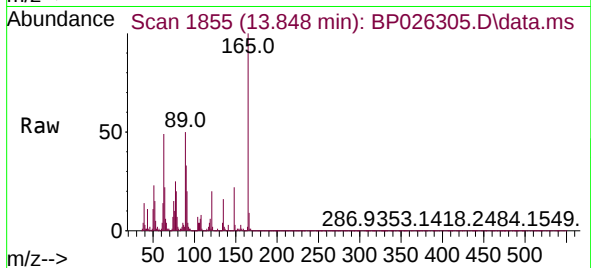




#51  
2,6-Dinitrotoluene  
Concen: 45.818 ng  
RT: 13.848 min Scan# 1860  
Delta R.T. -0.006 min  
Lab File: BP026305.D  
Acq: 11 Dec 2025 23:26

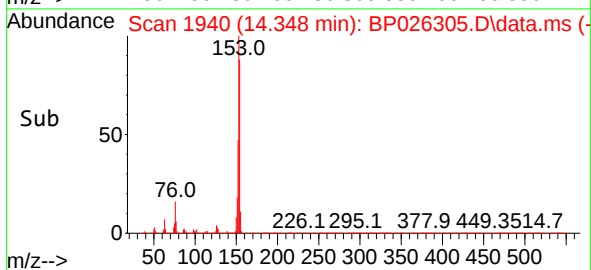
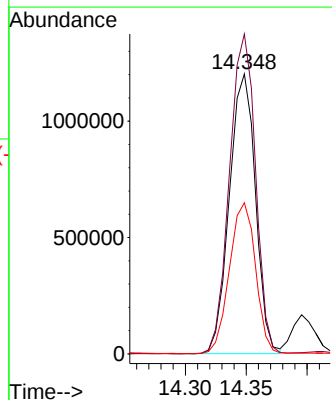
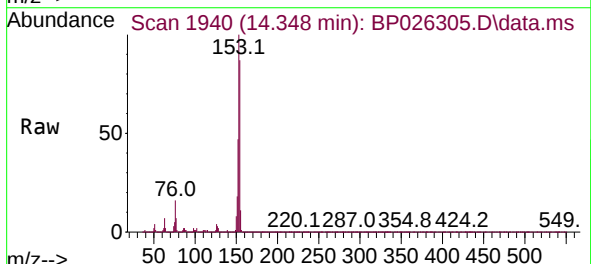
Instrument :  
BNA\_P  
ClientSampleId :  
PL-01-12102025MSD

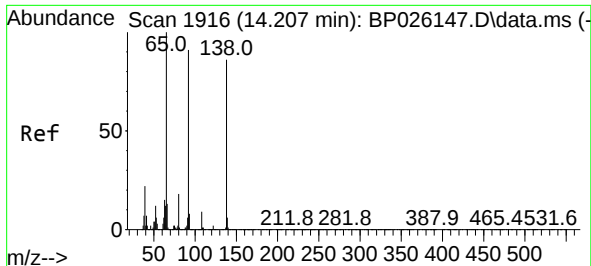
Tgt Ion:165 Resp: 490437  
Ion Ratio Lower Upper  
165 100  
63 48.9 40.5 60.7  
89 50.4 41.3 61.9



#52  
Acenaphthene  
Concen: 43.215 ng  
RT: 14.348 min Scan# 1940  
Delta R.T. -0.006 min  
Lab File: BP026305.D  
Acq: 11 Dec 2025 23:26

Tgt Ion:154 Resp: 1793271  
Ion Ratio Lower Upper  
154 100  
153 114.3 90.7 136.1  
152 54.0 42.8 64.2

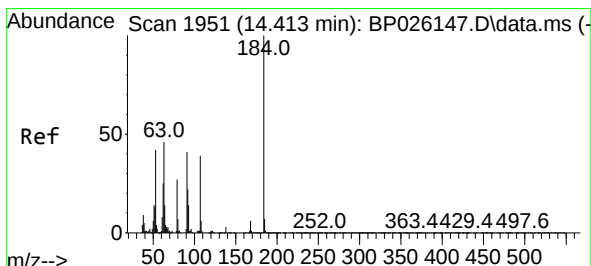
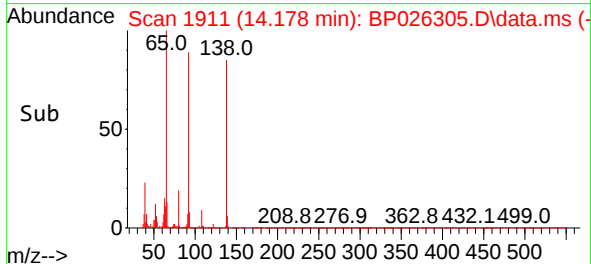
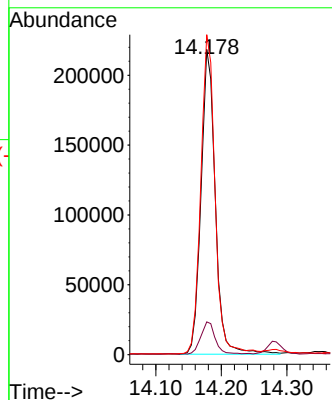
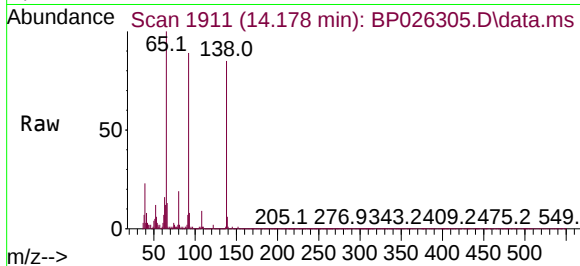




#53  
3-Nitroaniline  
Concen: 26.210 ng  
RT: 14.178 min Scan# 1916  
Delta R.T. -0.012 min  
Lab File: BP026305.D  
Acq: 11 Dec 2025 23:26

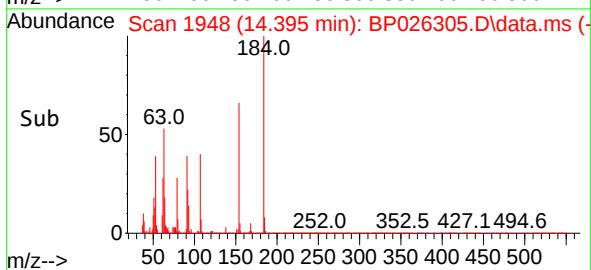
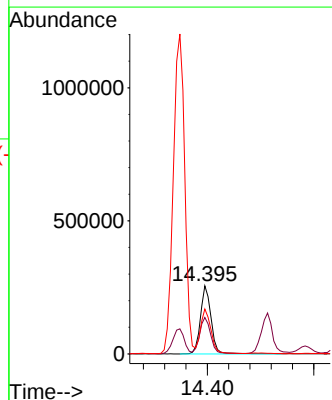
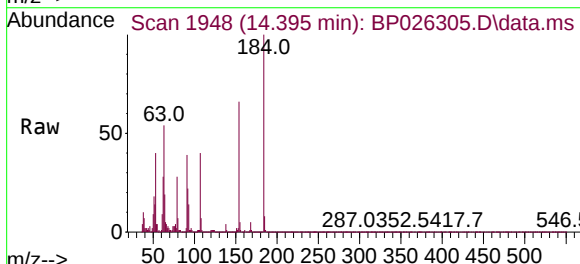
Instrument :  
BNA\_P  
ClientSampleId :  
PL-01-12102025MSD

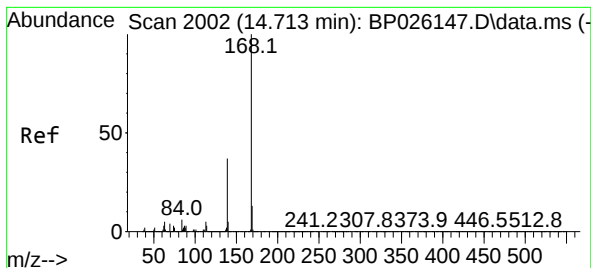
Tgt Ion:138 Resp: 327951  
Ion Ratio Lower Upper  
138 100  
108 10.7 8.9 13.3  
92 104.8 86.3 129.5



#54  
2,4-Dinitrophenol  
Concen: 61.567 ng  
RT: 14.395 min Scan# 1948  
Delta R.T. -0.000 min  
Lab File: BP026305.D  
Acq: 11 Dec 2025 23:26

Tgt Ion:184 Resp: 351345  
Ion Ratio Lower Upper  
184 100  
63 53.6 43.1 64.7  
154 65.9 49.5 74.3





#55

Dibenzenofuran

Concen: 44.559 ng

RT: 14.690 min Scan# 1998

Delta R.T. -0.006 min

Lab File: BP026305.D

Acq: 11 Dec 2025 23:26

Instrument :

BNA\_P

ClientSampleId :

PL-01-12102025MSD

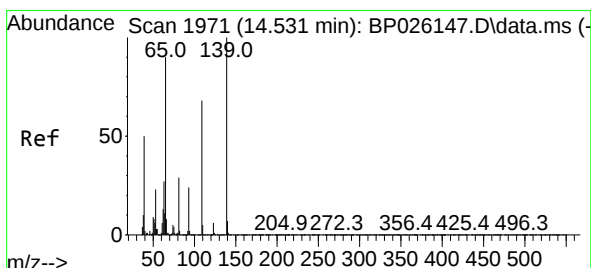
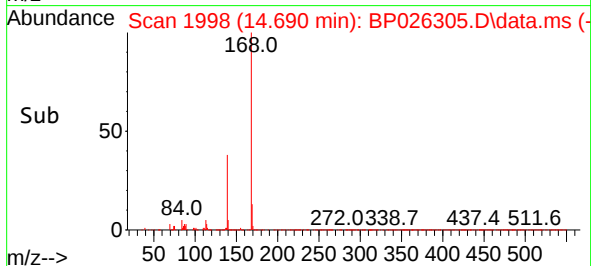
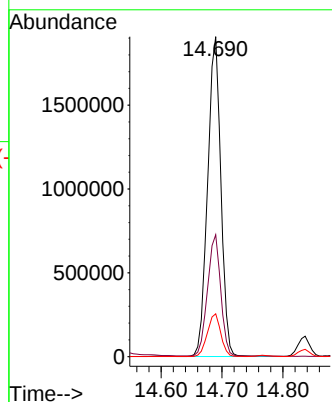
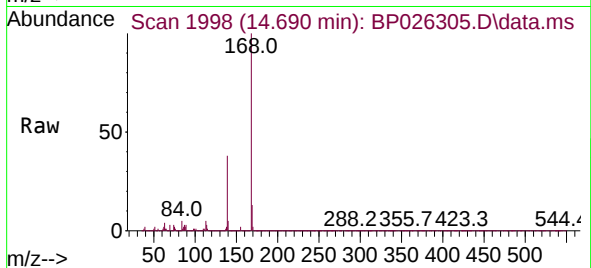
Tgt Ion:168 Resp: 2875530

Ion Ratio Lower Upper

168 100

139 38.1 29.8 44.6

169 13.4 10.9 16.3



#56

4-Nitrophenol

Concen: 77.801 ng

RT: 14.513 min Scan# 1968

Delta R.T. 0.006 min

Lab File: BP026305.D

Acq: 11 Dec 2025 23:26

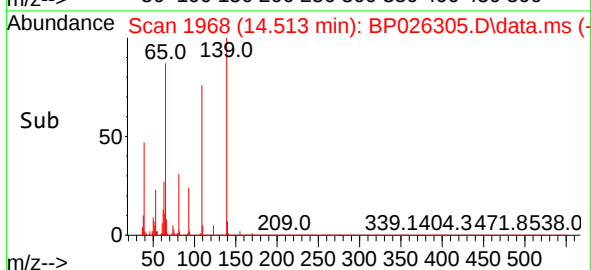
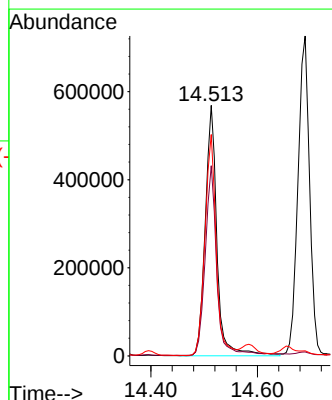
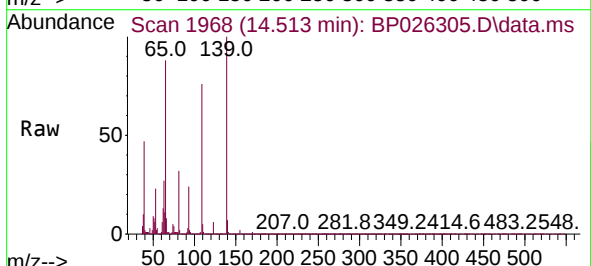
Tgt Ion:139 Resp: 869225

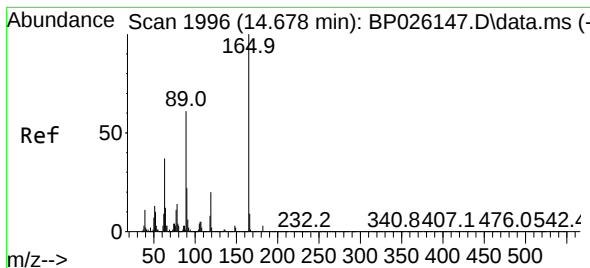
Ion Ratio Lower Upper

139 100

109 75.9 46.8 86.8

65 88.4 69.3 109.3

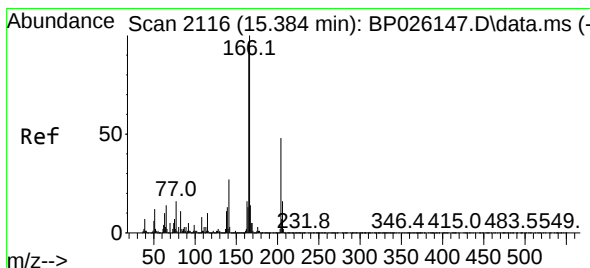
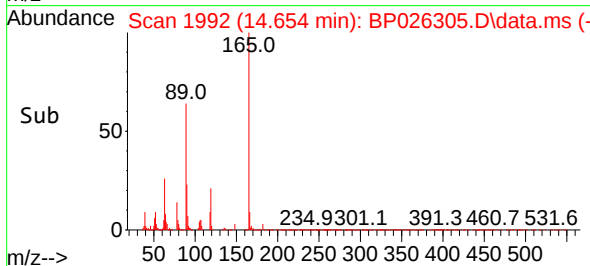
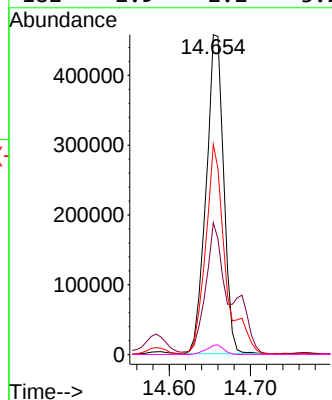
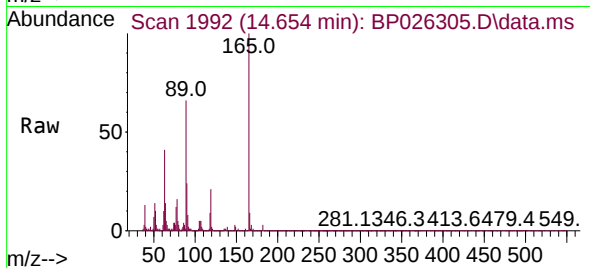




#57  
2,4-Dinitrotoluene  
Concen: 43.246 ng  
RT: 14.654 min Scan# 1996  
Delta R.T. -0.000 min  
Lab File: BP026305.D  
Acq: 11 Dec 2025 23:26

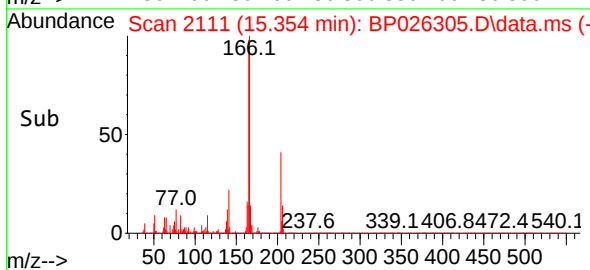
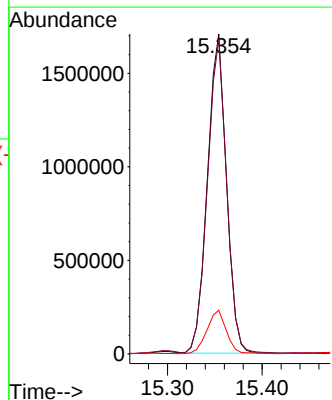
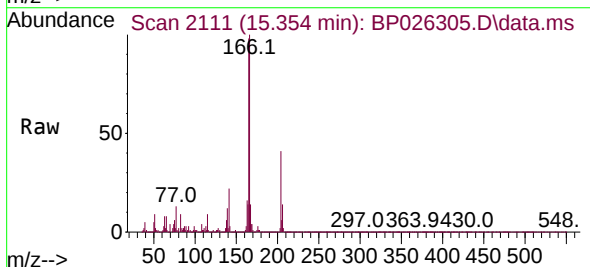
Instrument :  
BNA\_P  
ClientSampleId :  
PL-01-12102025MSD

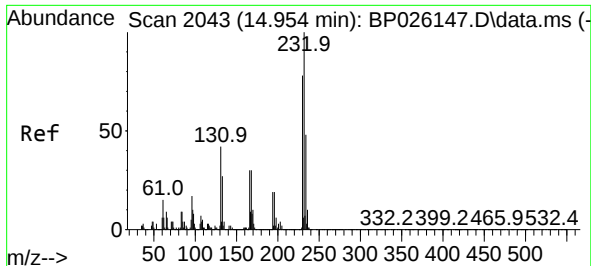
|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 165   | Resp: | 688607 |
| Ion Ratio | Lower | Upper |        |
| 165       | 100   |       |        |
| 63        | 41.2  | 31.0  | 46.6   |
| 89        | 65.7  | 51.7  | 77.5   |
| 182       | 2.9   | 2.2   | 3.2    |



#58  
Fluorene  
Concen: 46.731 ng  
RT: 15.354 min Scan# 2111  
Delta R.T. -0.006 min  
Lab File: BP026305.D  
Acq: 11 Dec 2025 23:26

|           |       |       |         |
|-----------|-------|-------|---------|
| Tgt Ion:  | 166   | Resp: | 2385679 |
| Ion Ratio | Lower | Upper |         |
| 166       | 100   |       |         |
| 165       | 98.4  | 77.9  | 116.9   |
| 167       | 13.7  | 11.0  | 16.4    |

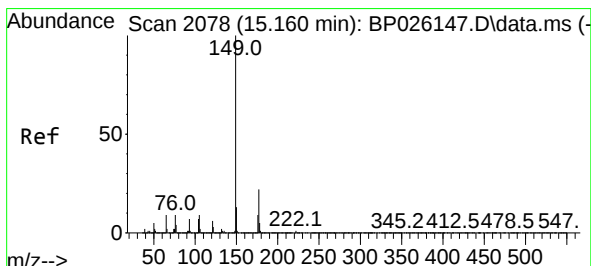
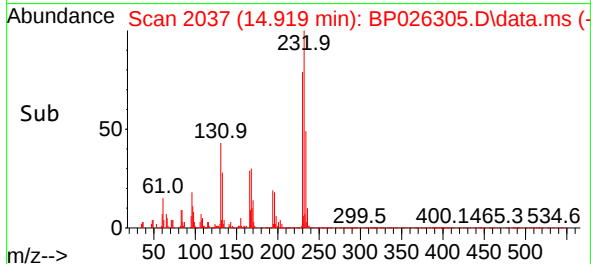
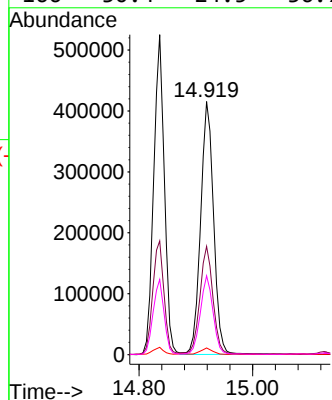
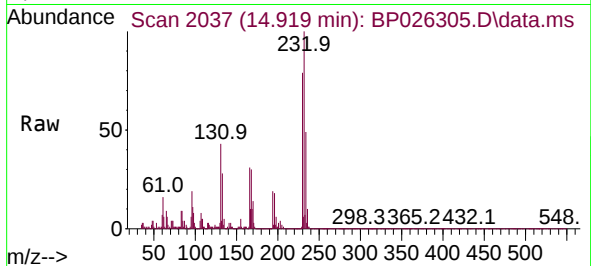




#59  
2,3,4,6-Tetrachlorophenol  
Concen: 46.236 ng  
RT: 14.919 min Scan# 2043  
Delta R.T. -0.018 min  
Lab File: BP026305.D  
Acq: 11 Dec 2025 23:26

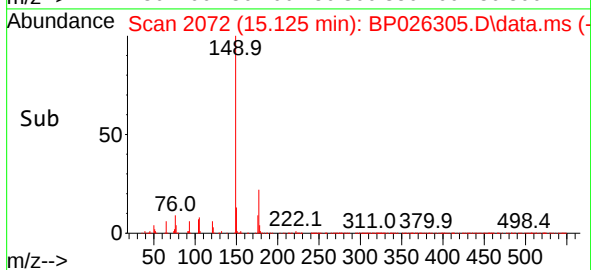
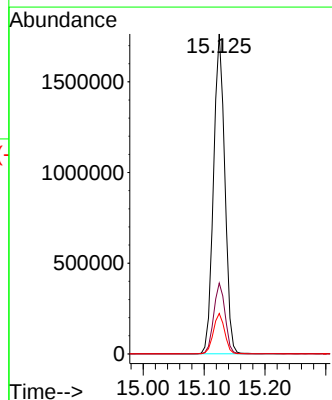
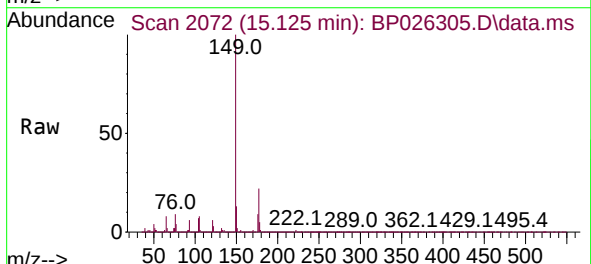
Instrument :  
BNA\_P  
ClientSampleId :  
PL-01-12102025MSD

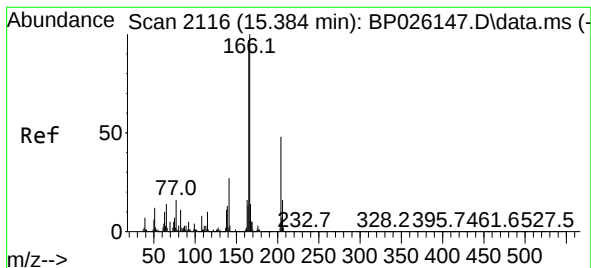
|             |              |
|-------------|--------------|
| Tgt Ion:232 | Resp: 657305 |
| Ion Ratio   | Lower Upper  |
| 232 100     |              |
| 131 42.5    | 34.8 52.2    |
| 130 2.4     | 1.8 2.8      |
| 166 30.4    | 24.5 36.7    |



#60  
Diethylphthalate  
Concen: 41.765 ng  
RT: 15.125 min Scan# 2072  
Delta R.T. -0.006 min  
Lab File: BP026305.D  
Acq: 11 Dec 2025 23:26

|             |               |
|-------------|---------------|
| Tgt Ion:149 | Resp: 2268903 |
| Ion Ratio   | Lower Upper   |
| 149 100     |               |
| 177 22.1    | 17.9 26.9     |
| 150 12.6    | 9.9 14.9      |

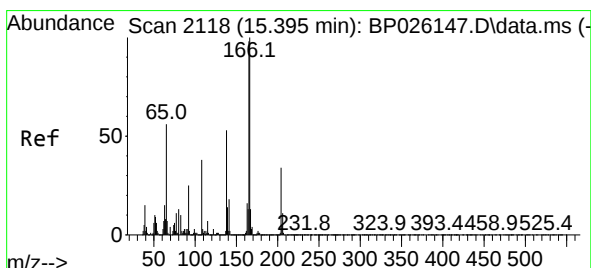
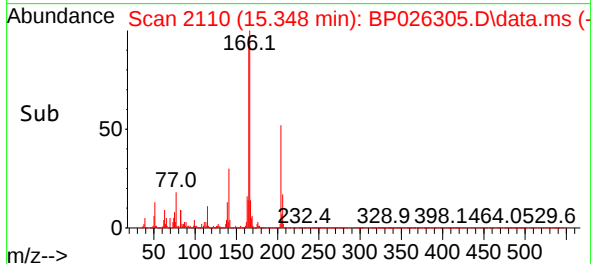
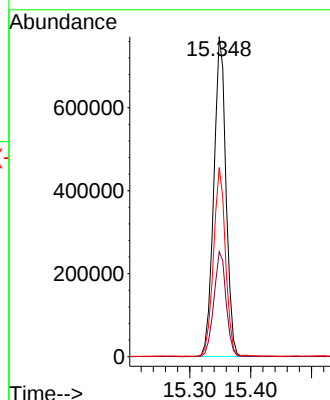
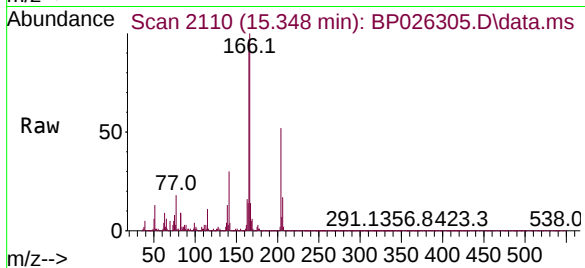




#61  
4-Chlorophenyl-phenylether  
Concen: 42.089 ng  
RT: 15.348 min Scan# 2110  
Delta R.T. -0.006 min  
Lab File: BP026305.D  
Acq: 11 Dec 2025 23:26

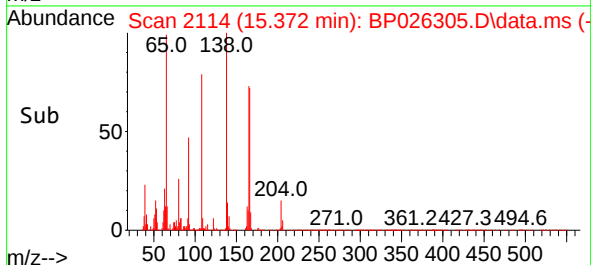
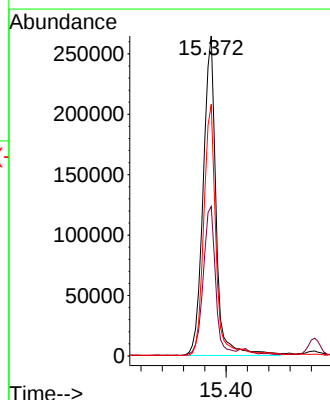
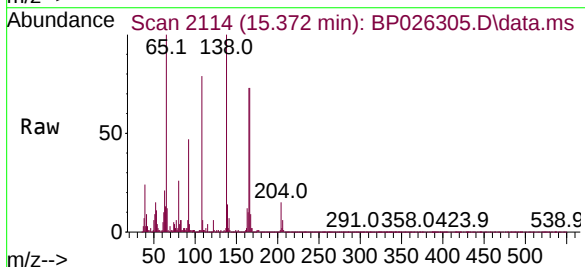
Instrument :  
BNA\_P  
ClientSampleId :  
PL-01-12102025MSD

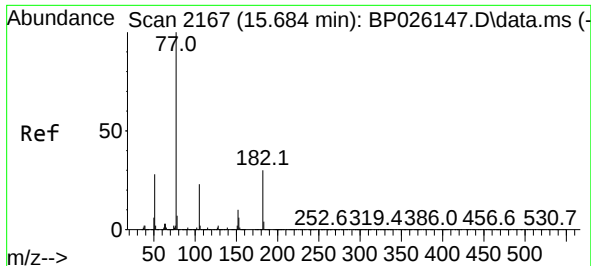
Tgt Ion:204 Resp: 1071363  
Ion Ratio Lower Upper  
204 100  
206 32.8 26.2 39.2  
141 59.1 48.1 72.1



#62  
4-Nitroaniline  
Concen: 34.158 ng  
RT: 15.372 min Scan# 2114  
Delta R.T. -0.000 min  
Lab File: BP026305.D  
Acq: 11 Dec 2025 23:26

Tgt Ion:138 Resp: 443570  
Ion Ratio Lower Upper  
138 100  
92 46.7 27.5 67.5  
108 78.6 51.1 91.1



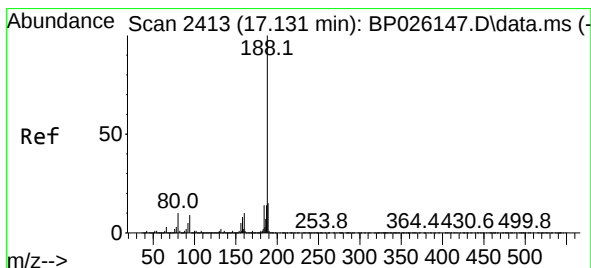
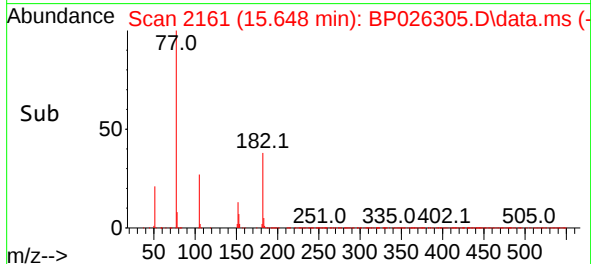
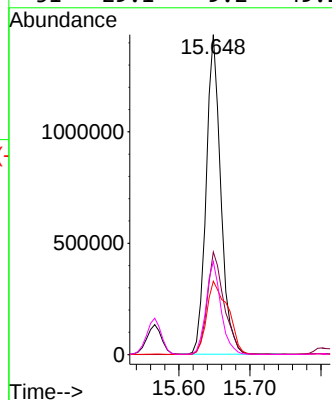
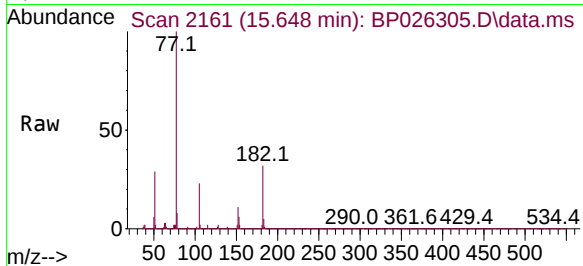


#63  
Azobenzene  
Concen: 44.689 ng  
RT: 15.648 min Scan# 2167  
Delta R.T. -0.006 min  
Lab File: BP026305.D  
Acq: 11 Dec 2025 23:26

Instrument :  
BNA\_P  
ClientSampleId :  
PL-01-12102025MSD

Tgt Ion: 77 Resp: 2041445

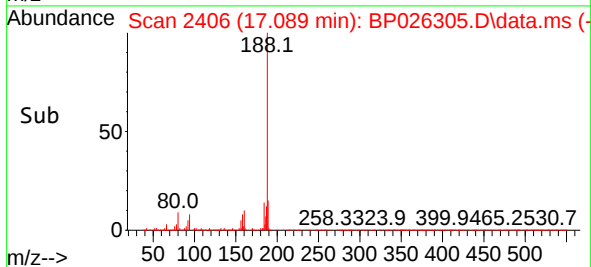
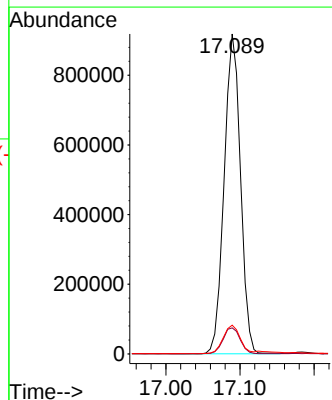
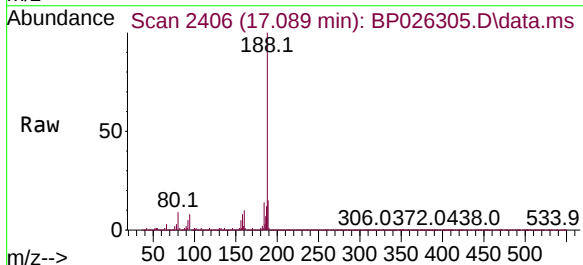
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 77  | 100   |       |       |
| 182 | 32.1  | 8.8   | 48.8  |
| 105 | 22.9  | 2.6   | 42.6  |
| 51  | 29.1  | 9.2   | 49.2  |

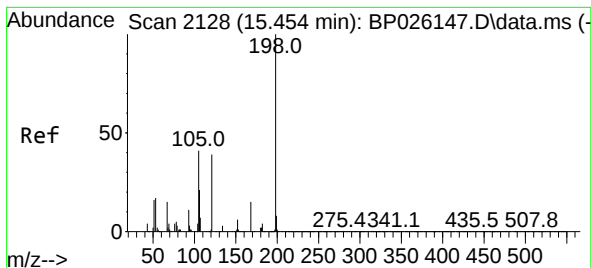


#64  
Phenanthrene-d10  
Concen: 20.000 ng  
RT: 17.089 min Scan# 2406  
Delta R.T. -0.006 min  
Lab File: BP026305.D  
Acq: 11 Dec 2025 23:26

Tgt Ion: 188 Resp: 1403672

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 188 | 100   |       |       |
| 94  | 8.1   | 7.8   | 11.6  |
| 80  | 9.0   | 8.2   | 12.2  |

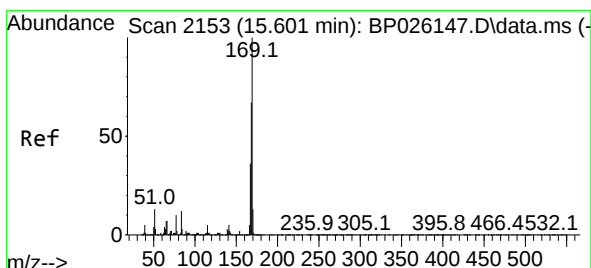
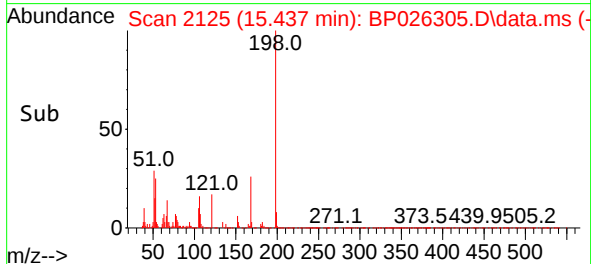
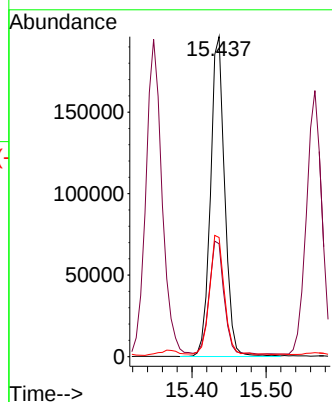
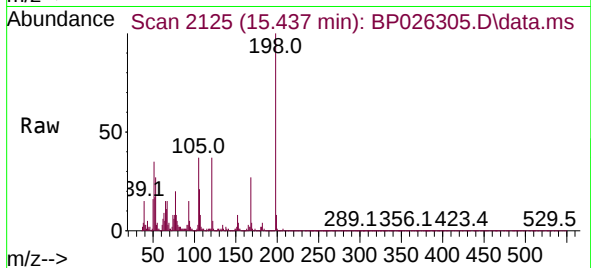




#65  
4,6-Dinitro-2-methylphenol  
Concen: 31.708 ng  
RT: 15.437 min Scan# 2112  
Delta R.T. -0.000 min  
Lab File: BP026305.D  
Acq: 11 Dec 2025 23:26

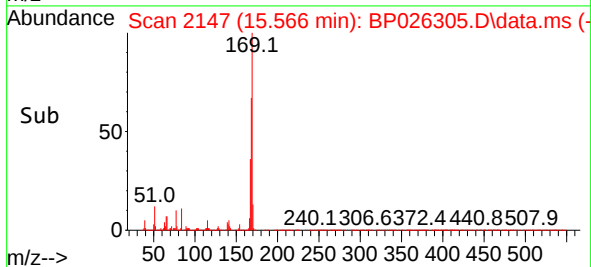
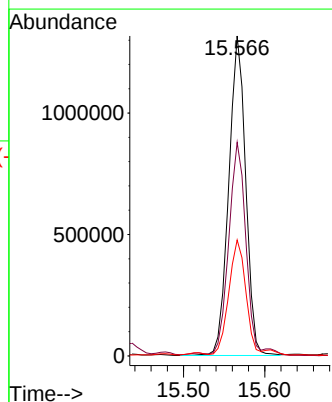
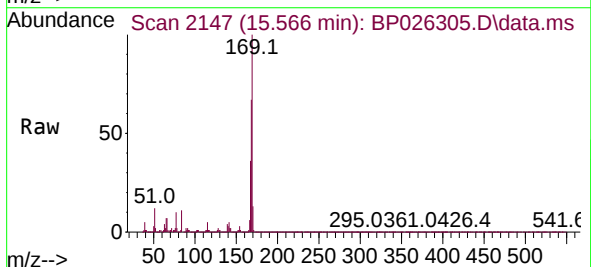
Instrument :  
BNA\_P  
ClientSampleId :  
PL-01-12102025MSD

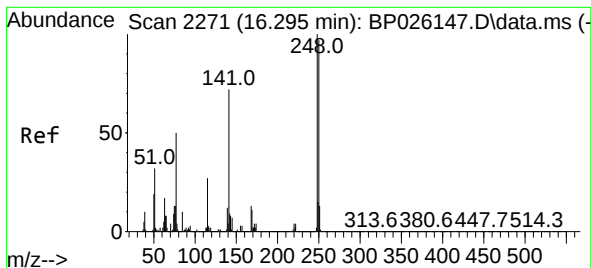
Tgt Ion:198 Resp: 262874  
Ion Ratio Lower Upper  
198 100  
51 35.3 18.4 58.4  
105 37.2 18.5 58.5



#66  
n-Nitrosodiphenylamine  
Concen: 43.975 ng  
RT: 15.566 min Scan# 2147  
Delta R.T. -0.012 min  
Lab File: BP026305.D  
Acq: 11 Dec 2025 23:26

Tgt Ion:169 Resp: 1908494  
Ion Ratio Lower Upper  
169 100  
168 66.7 53.1 79.7  
167 36.2 28.9 43.3

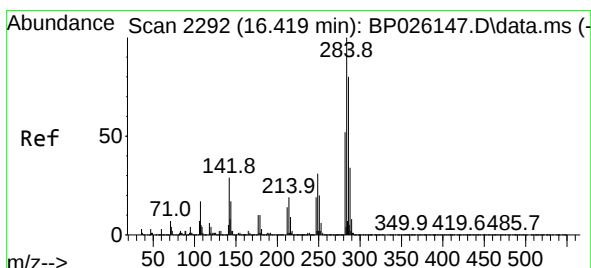
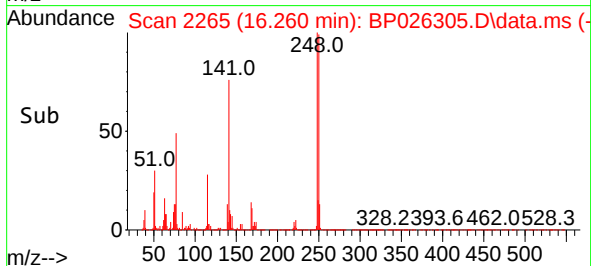
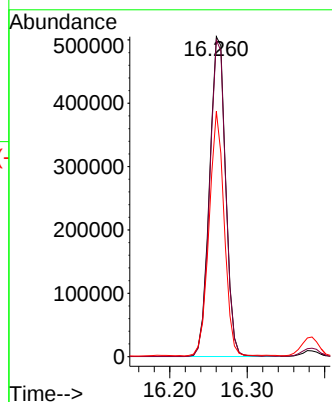
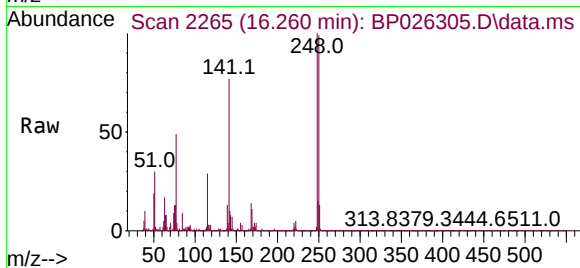




#67  
4-Bromophenyl-phenylether  
Concen: 46.826 ng  
RT: 16.260 min Scan# 2265  
Delta R.T. -0.018 min  
Lab File: BP026305.D  
Acq: 11 Dec 2025 23:26

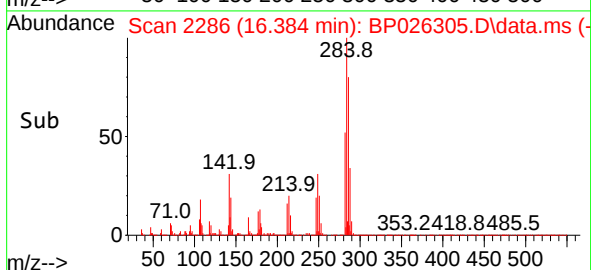
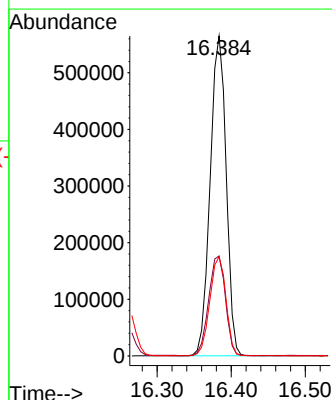
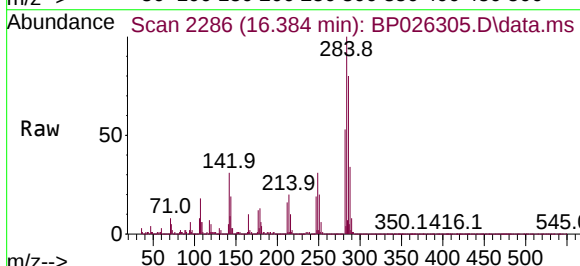
Instrument :  
BNA\_P  
ClientSampleId :  
PL-01-12102025MSD

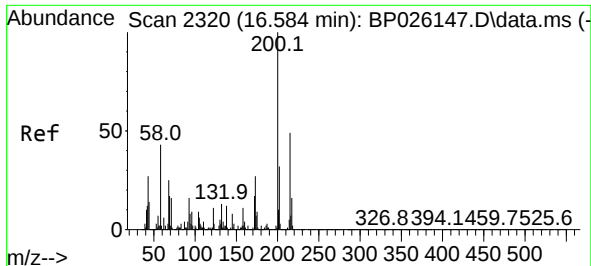
Tgt Ion:248 Resp: 728681  
Ion Ratio Lower Upper  
248 100  
250 98.9 77.8 116.6  
141 76.6 55.4 83.0



#68  
Hexachlorobenzene  
Concen: 46.854 ng  
RT: 16.384 min Scan# 2286  
Delta R.T. -0.006 min  
Lab File: BP026305.D  
Acq: 11 Dec 2025 23:26

Tgt Ion:284 Resp: 847373  
Ion Ratio Lower Upper  
284 100  
142 31.3 28.0 42.0  
249 31.0 25.0 37.4

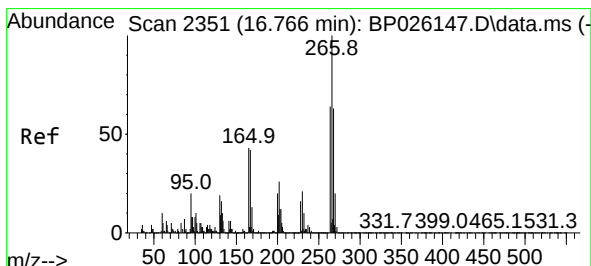
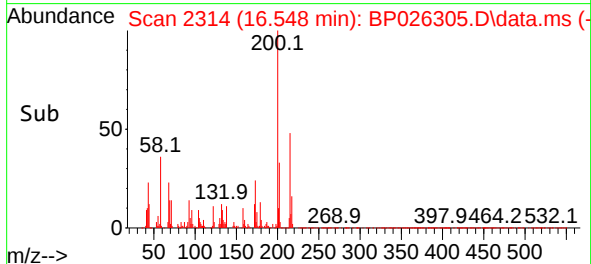
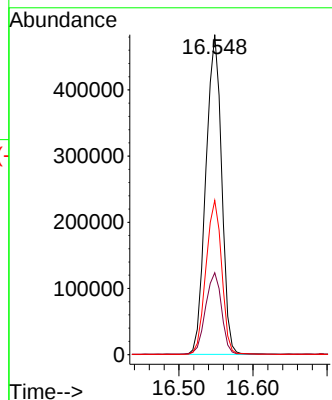
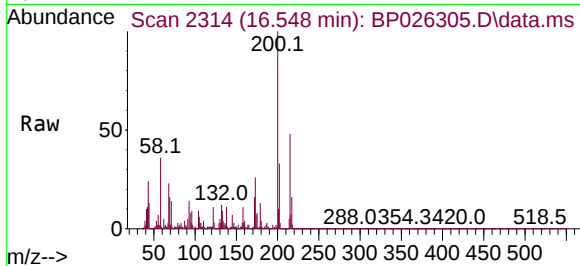




#69  
 Atrazine  
 Concen: 43.699 ng  
 RT: 16.548 min Scan# 2314  
 Delta R.T. -0.012 min  
 Lab File: BP026305.D  
 Acq: 11 Dec 2025 23:26

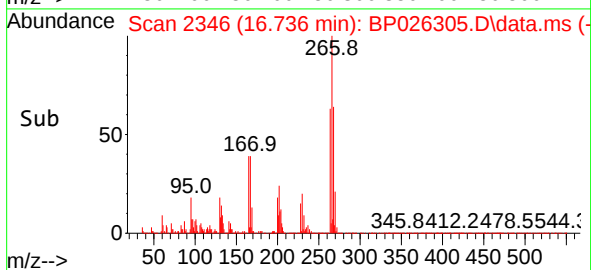
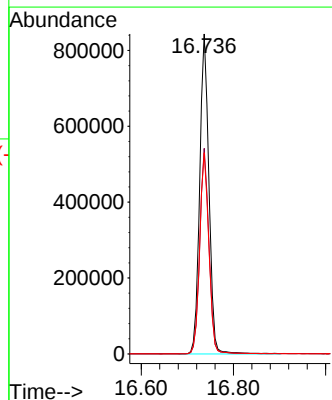
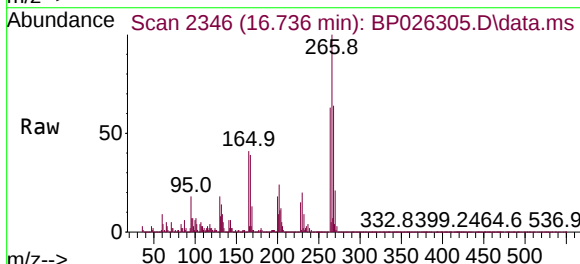
Instrument :  
 BNA\_P  
 ClientSampleId :  
 PL-01-12102025MSD

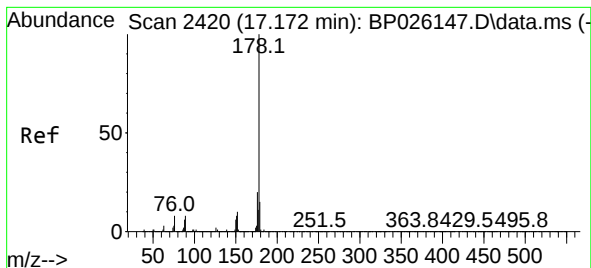
Tgt Ion:200 Resp: 713066  
 Ion Ratio Lower Upper  
 200 100  
 173 25.6 6.7 46.7  
 215 48.2 27.4 67.4



#70  
 Pentachlorophenol  
 Concen: 93.217 ng  
 RT: 16.736 min Scan# 2346  
 Delta R.T. -0.006 min  
 Lab File: BP026305.D  
 Acq: 11 Dec 2025 23:26

Tgt Ion:266 Resp: 1169539  
 Ion Ratio Lower Upper  
 266 100  
 268 64.2 51.0 76.4  
 264 62.9 50.2 75.2





#71

Phenanthrene

Concen: 67.111 ng

RT: 17.131 min Scan# 24

Delta R.T. -0.006 min

Lab File: BP026305.D

Acq: 11 Dec 2025 23:26

Instrument :

BNA\_P

ClientSampleId :

PL-01-12102025MSD

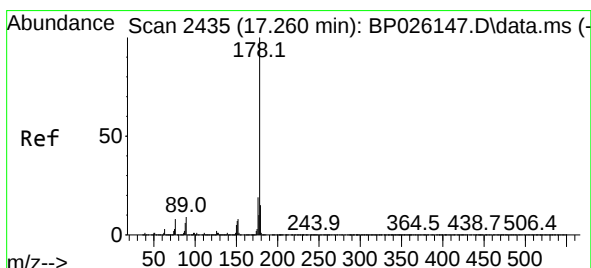
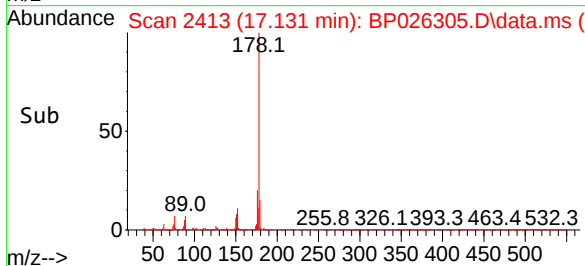
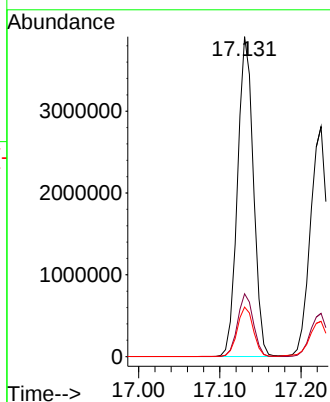
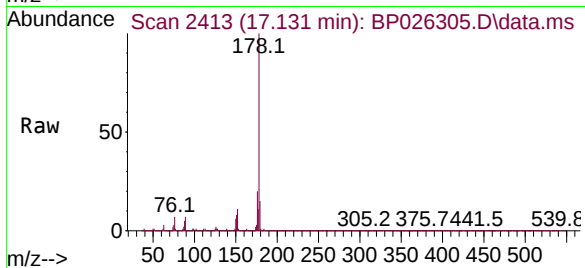
Tgt Ion:178 Resp: 5310559

Ion Ratio Lower Upper

178 100

176 19.6 15.4 23.2

179 15.5 12.4 18.6



#72

Anthracene

Concen: 50.765 ng

RT: 17.225 min Scan# 2429

Delta R.T. -0.006 min

Lab File: BP026305.D

Acq: 11 Dec 2025 23:26

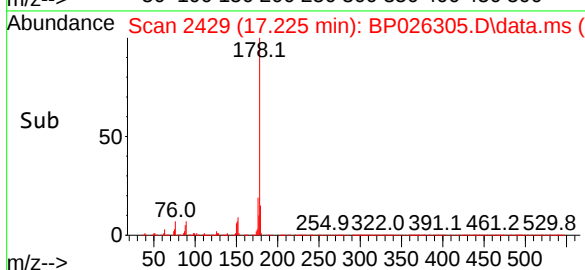
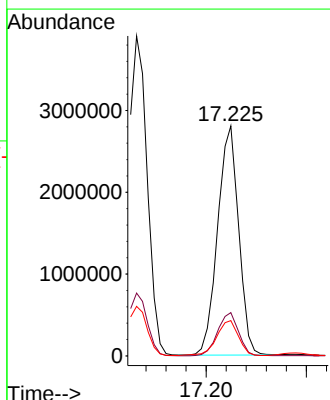
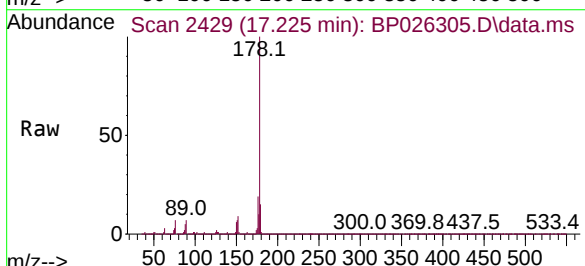
Tgt Ion:178 Resp: 4091552

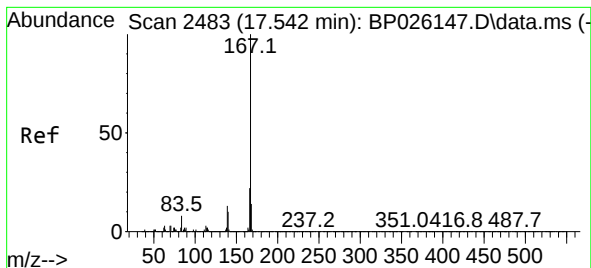
Ion Ratio Lower Upper

178 100

176 18.8 14.8 22.2

179 15.4 12.2 18.4





#73

Carbazole

Concen: 43.107 ng

RT: 17.507 min Scan# 24

Delta R.T. -0.006 min

Lab File: BP026305.D

Acq: 11 Dec 2025 23:26

Instrument :

BNA\_P

ClientSampleId :

PL-01-12102025MSD

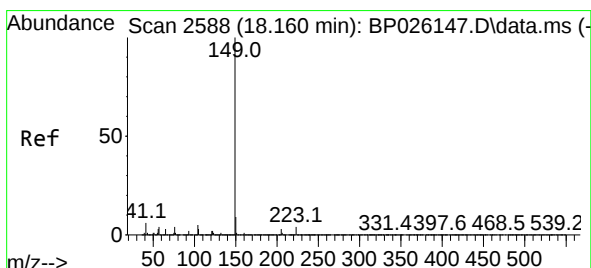
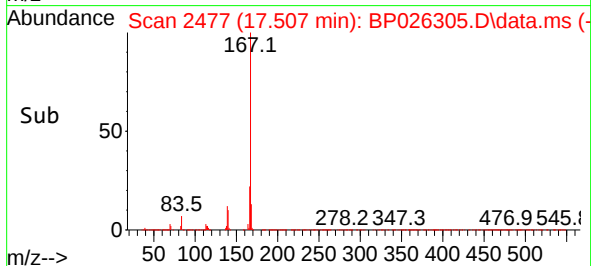
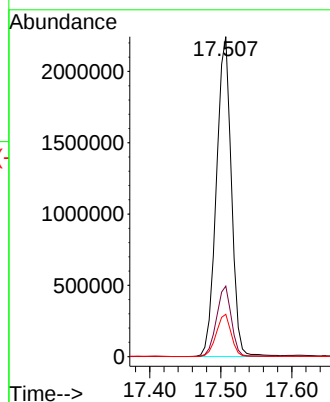
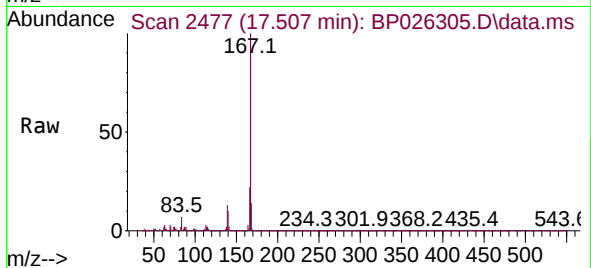
Tgt Ion:167 Resp: 3289207

Ion Ratio Lower Upper

167 100

166 22.0 17.1 25.7

139 13.2 10.2 15.4



#74

Di-n-butylphthalate

Concen: 43.896 ng

RT: 18.101 min Scan# 2578

Delta R.T. -0.024 min

Lab File: BP026305.D

Acq: 11 Dec 2025 23:26

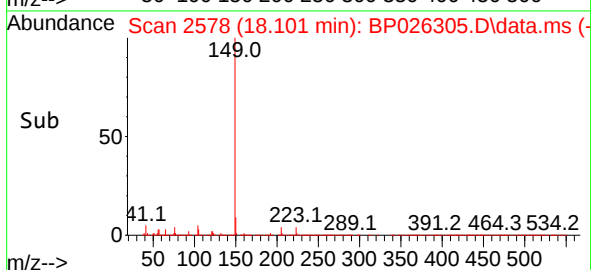
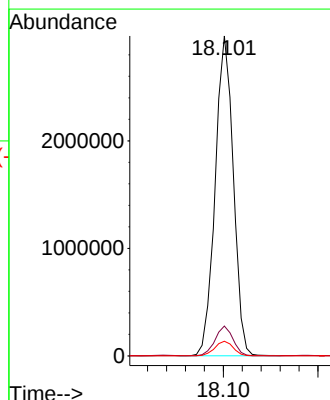
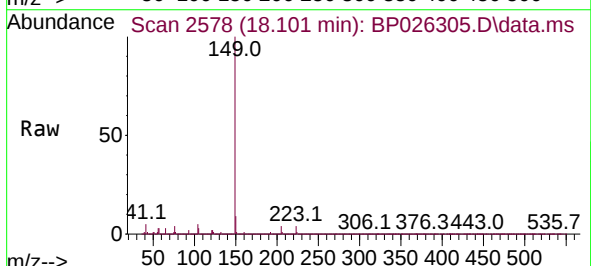
Tgt Ion:149 Resp: 3957013

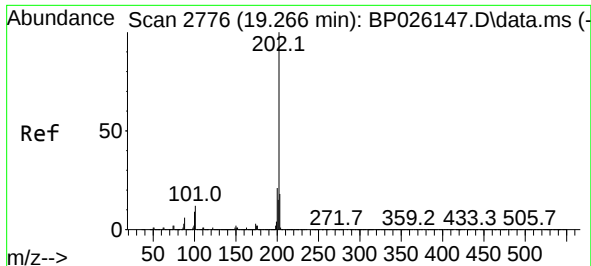
Ion Ratio Lower Upper

149 100

150 9.3 7.5 11.3

104 4.6 3.6 5.4

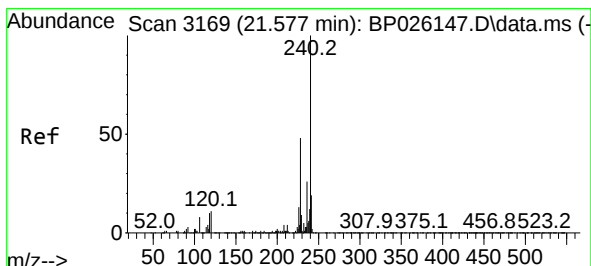
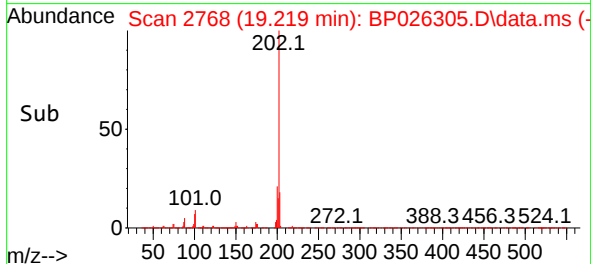
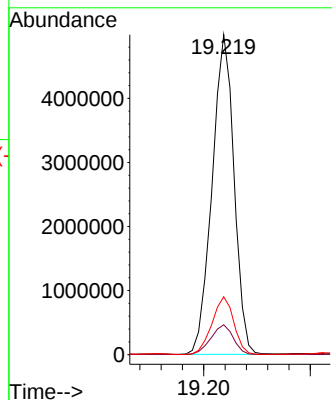
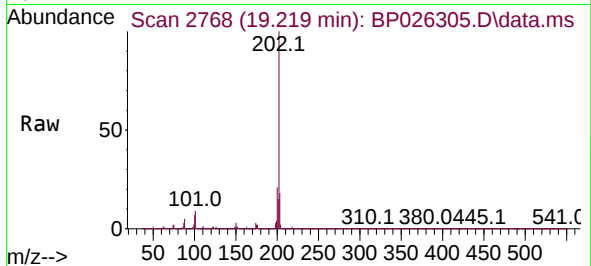




#75  
Fluoranthene  
Concen: 74.329 ng  
RT: 19.219 min Scan# 21  
Delta R.T. -0.018 min  
Lab File: BP026305.D  
Acq: 11 Dec 2025 23:26

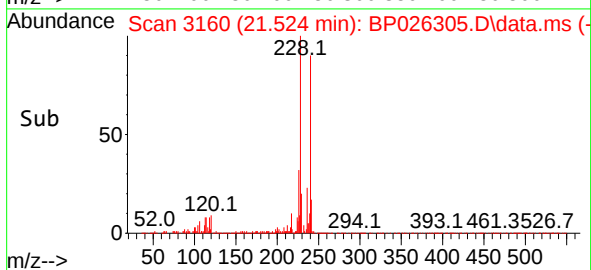
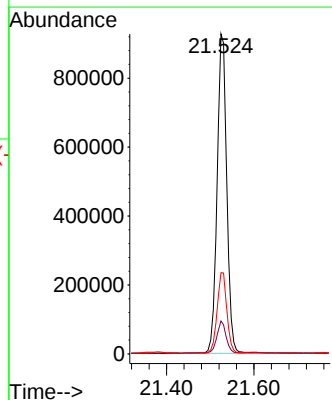
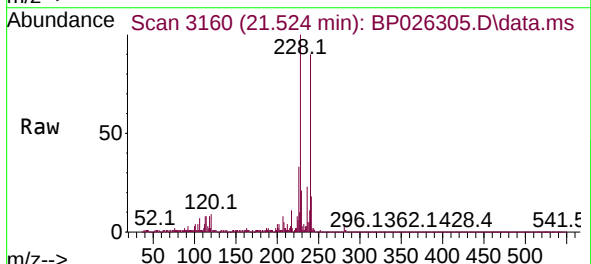
Instrument :  
BNA\_P  
ClientSampleId :  
PL-01-12102025MSD

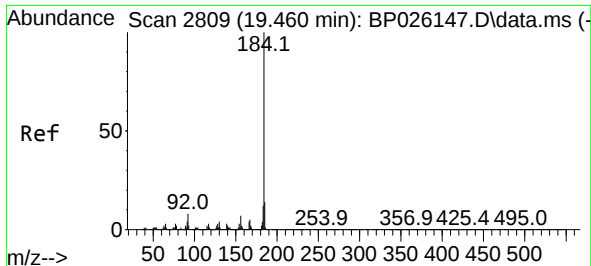
Tgt Ion:202 Resp: 7158158  
Ion Ratio Lower Upper  
202 100  
101 9.3 0.0 31.2  
203 18.1 0.0 37.7



#76  
Chrysene-d12  
Concen: 20.000 ng  
RT: 21.524 min Scan# 3160  
Delta R.T. -0.012 min  
Lab File: BP026305.D  
Acq: 11 Dec 2025 23:26

Tgt Ion:240 Resp: 1427006  
Ion Ratio Lower Upper  
240 100  
120 10.3 9.0 13.4  
236 25.4 20.4 30.6

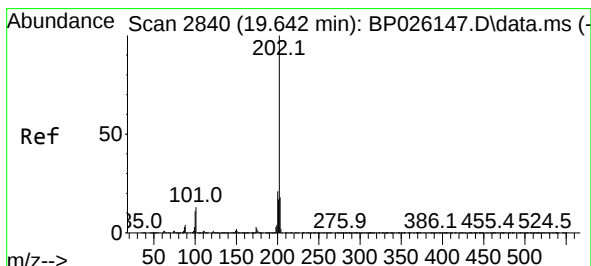
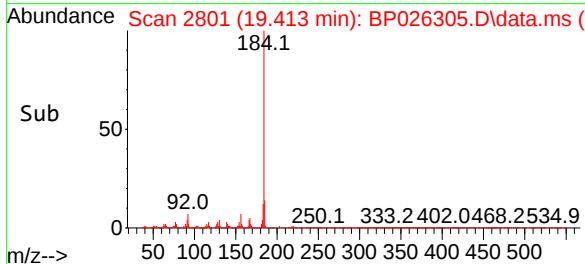
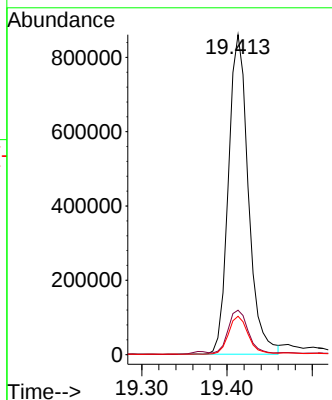
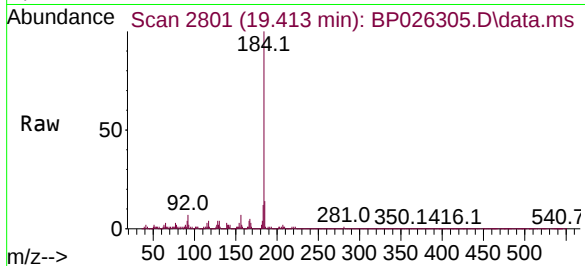




#77  
Benzidine  
Concen: 31.143 ng  
RT: 19.413 min Scan# 2801  
Delta R.T. -0.018 min  
Lab File: BP026305.D  
Acq: 11 Dec 2025 23:26

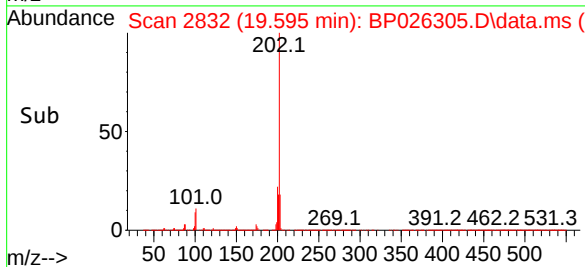
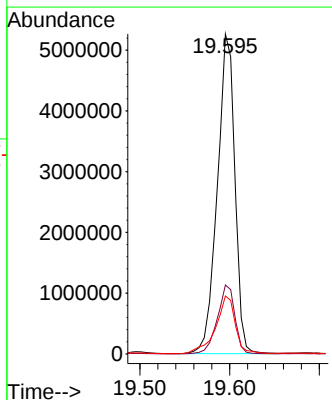
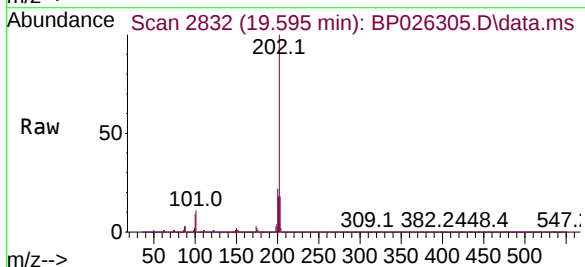
Instrument :  
BNA\_P  
ClientSampleId :  
PL-01-12102025MSD

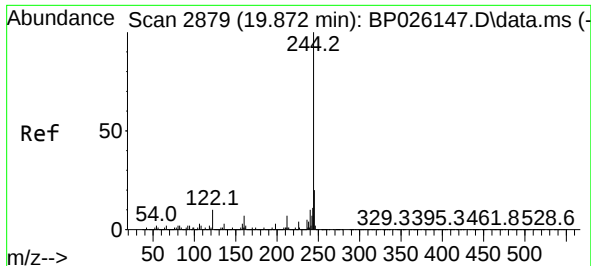
Tgt Ion:184 Resp: 1395308  
Ion Ratio Lower Upper  
184 100  
185 13.9 11.3 16.9  
183 12.0 9.0 13.6



#78  
Pyrene  
Concen: 76.983 ng  
RT: 19.595 min Scan# 2832  
Delta R.T. -0.018 min  
Lab File: BP026305.D  
Acq: 11 Dec 2025 23:26

Tgt Ion:202 Resp: 7158717  
Ion Ratio Lower Upper  
202 100  
200 21.5 16.9 25.3  
203 18.1 13.8 20.8

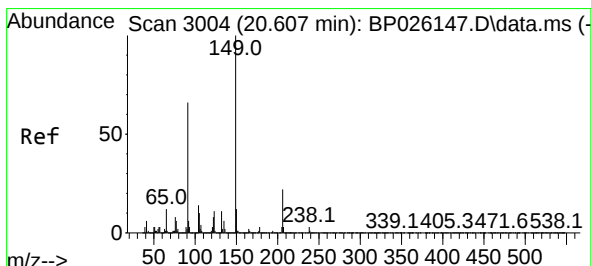
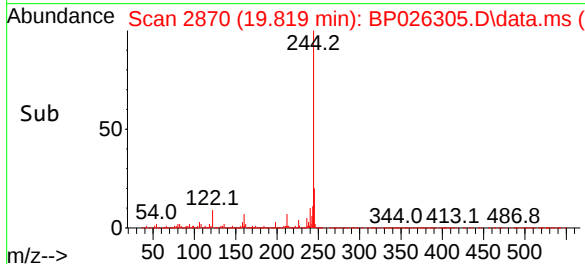
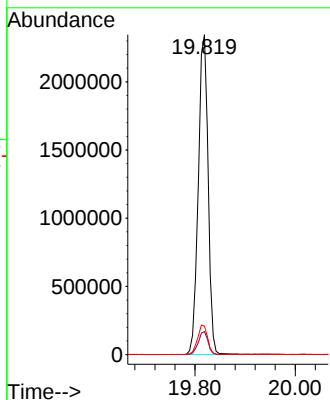
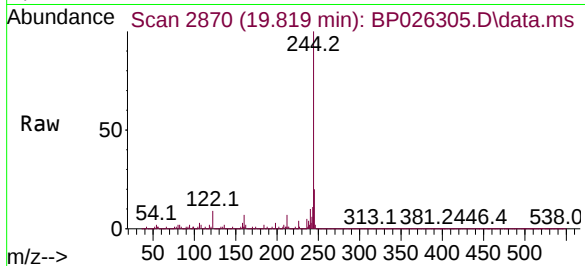




#79  
 Terphenyl-d14  
 Concen: 45.658 ng  
 RT: 19.819 min Scan# 2879  
 Delta R.T. -0.018 min  
 Lab File: BP026305.D  
 Acq: 11 Dec 2025 23:26

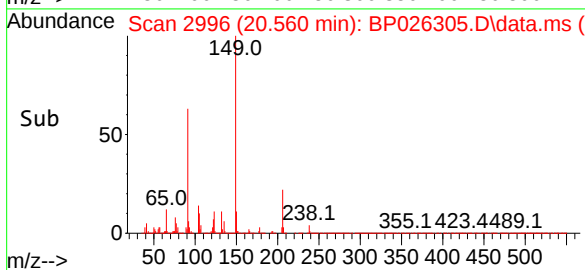
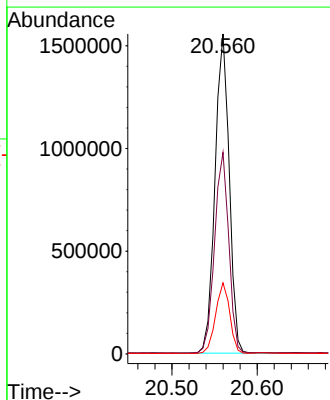
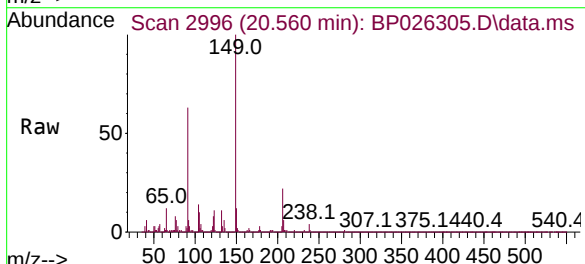
Instrument :  
 BNA\_P  
 ClientSampleId :  
 PL-01-12102025MSD

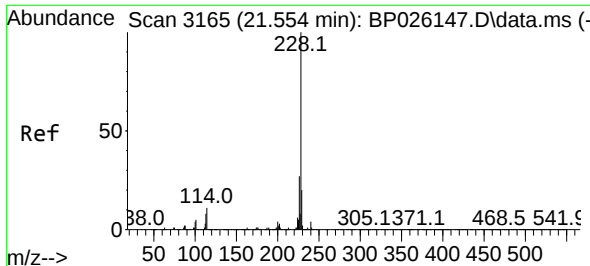
Tgt Ion:244 Resp: 3187738  
 Ion Ratio Lower Upper  
 244 100  
 212 7.2 5.8 8.8  
 122 8.9 8.2 12.2



#80  
 Butylbenzylphthalate  
 Concen: 44.082 ng  
 RT: 20.560 min Scan# 2996  
 Delta R.T. -0.012 min  
 Lab File: BP026305.D  
 Acq: 11 Dec 2025 23:26

Tgt Ion:149 Resp: 1799030  
 Ion Ratio Lower Upper  
 149 100  
 91 63.0 52.6 79.0  
 206 22.2 16.9 25.3

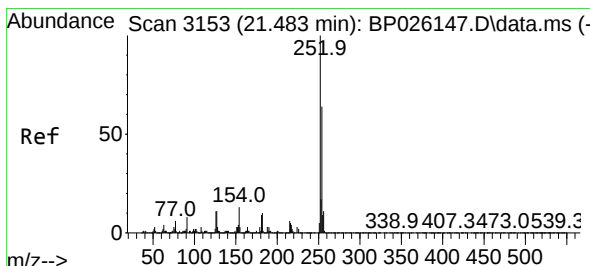
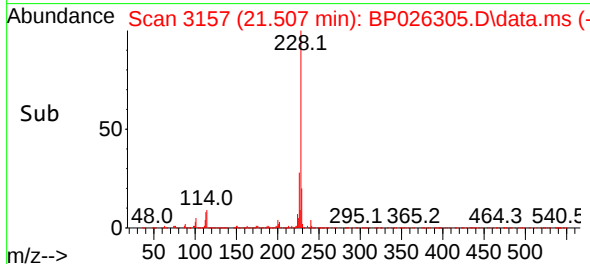
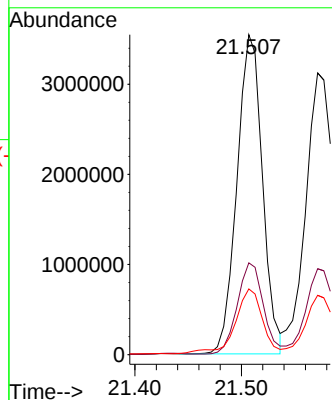
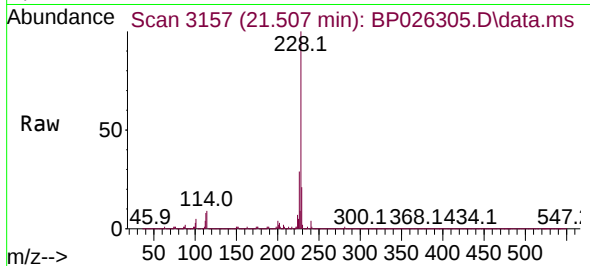




#81  
Benzo(a)anthracene  
Concen: 60.116 ng  
RT: 21.507 min Scan# 3165  
Delta R.T. -0.012 min  
Lab File: BP026305.D  
Acq: 11 Dec 2025 23:26

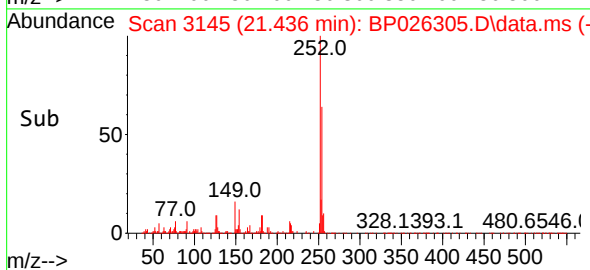
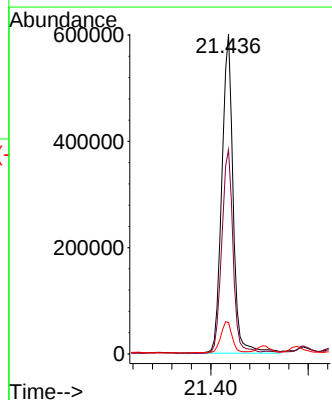
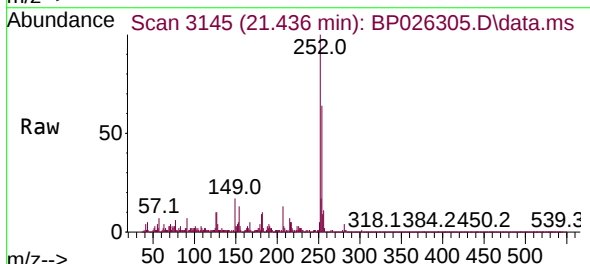
Instrument :  
BNA\_P  
ClientSampleId :  
PL-01-12102025MSD

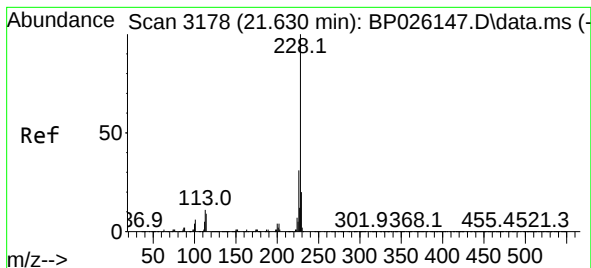
Tgt Ion:228 Resp: 5884668  
Ion Ratio Lower Upper  
228 100  
226 28.7 21.8 32.8  
229 20.5 15.9 23.9



#82  
3,3'-Dichlorobenzidine  
Concen: 27.031 ng  
RT: 21.436 min Scan# 3145  
Delta R.T. -0.012 min  
Lab File: BP026305.D  
Acq: 11 Dec 2025 23:26

Tgt Ion:252 Resp: 962745  
Ion Ratio Lower Upper  
252 100  
254 63.8 51.2 76.8  
126 9.8 8.2 12.4





#83

Chrysene

Concen: 60.147 ng

RT: 21.572 min Scan# 3178

Delta R.T. -0.012 min

Lab File: BP026305.D

Acq: 11 Dec 2025 23:26

Instrument :

BNA\_P

ClientSampleId :

PL-01-12102025MSD

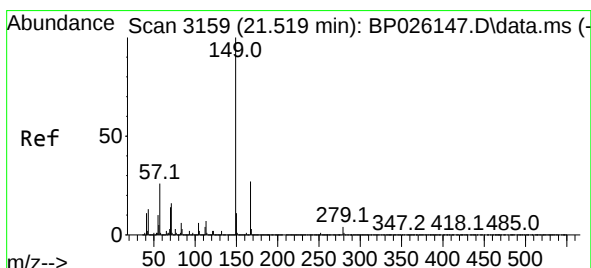
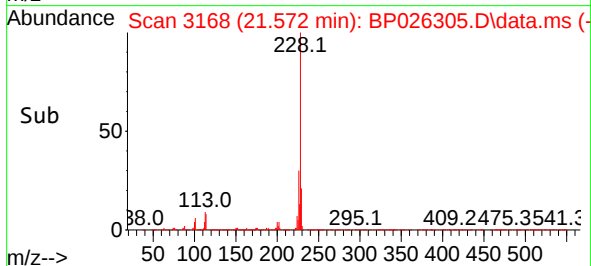
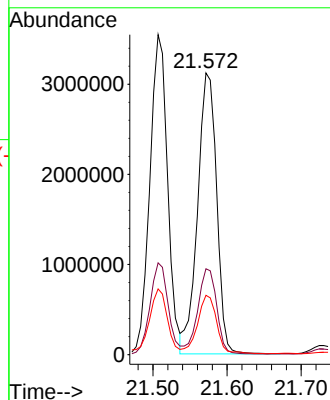
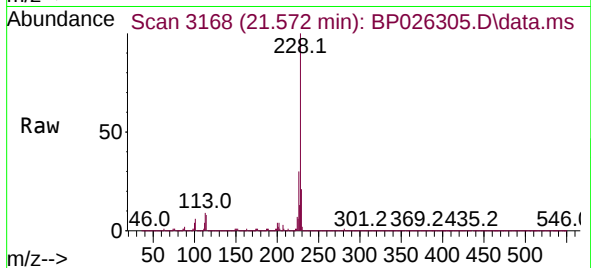
Tgt Ion:228 Resp: 5574837

Ion Ratio Lower Upper

228 100

226 30.5 23.9 35.9

229 21.0 15.9 23.9



#84

Bis(2-ethylhexyl)phthalate

Concen: 43.033 ng

RT: 21.460 min Scan# 3149

Delta R.T. -0.012 min

Lab File: BP026305.D

Acq: 11 Dec 2025 23:26

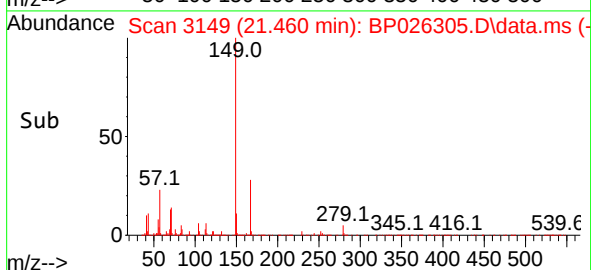
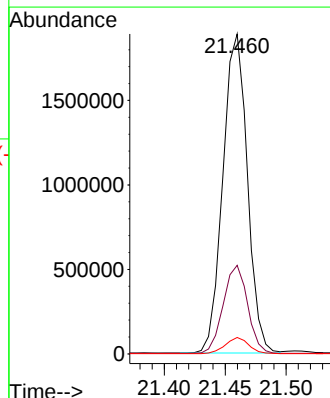
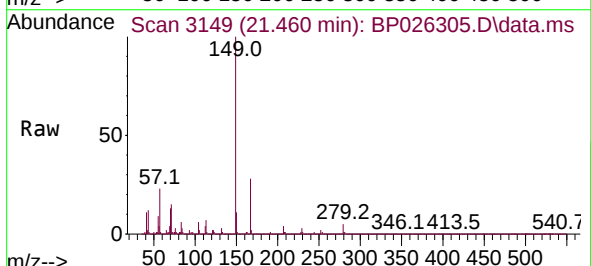
Tgt Ion:149 Resp: 2641772

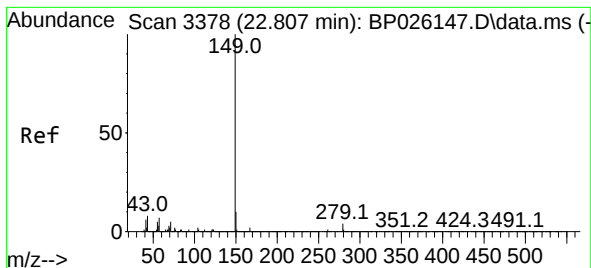
Ion Ratio Lower Upper

149 100

167 27.7 22.1 33.1

279 5.1 3.3 4.9#





#85

Di-n-octyl phthalate

Concen: 42.547 ng

RT: 22.719 min Scan# 3378

Delta R.T. -0.024 min

Lab File: BP026305.D

Acq: 11 Dec 2025 23:26

Instrument :

BNA\_P

ClientSampleId :

PL-01-12102025MSD

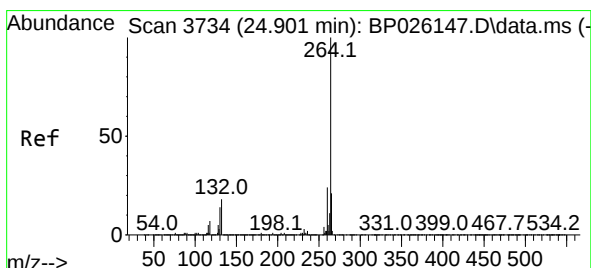
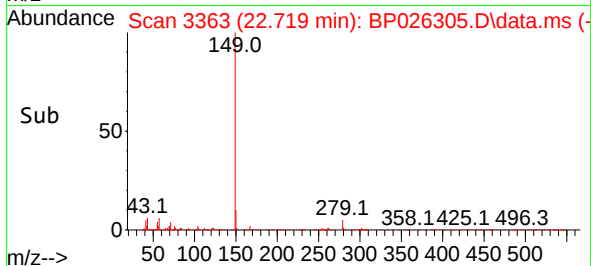
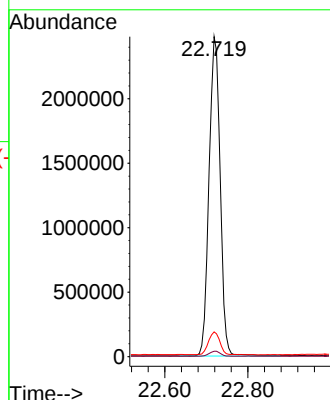
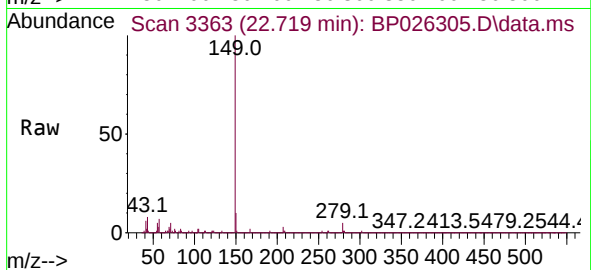
Tgt Ion:149 Resp: 4604814

Ion Ratio Lower Upper

149 100

167 1.6 1.2 1.8

43 7.2 6.6 10.0



#86

Perylene-d12

Concen: 20.000 ng

RT: 24.824 min Scan# 3721

Delta R.T. -0.000 min

Lab File: BP026305.D

Acq: 11 Dec 2025 23:26

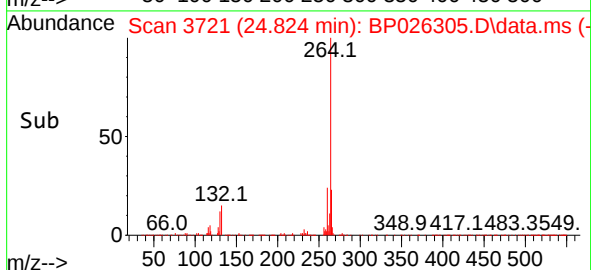
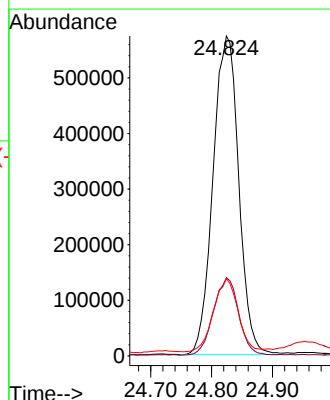
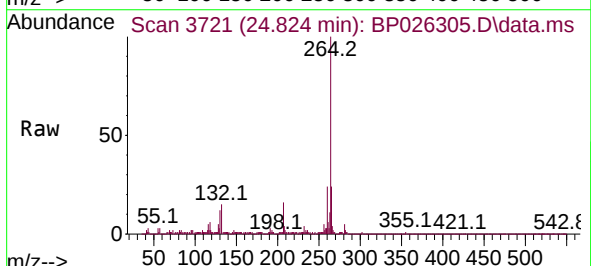
Tgt Ion:264 Resp: 1681945

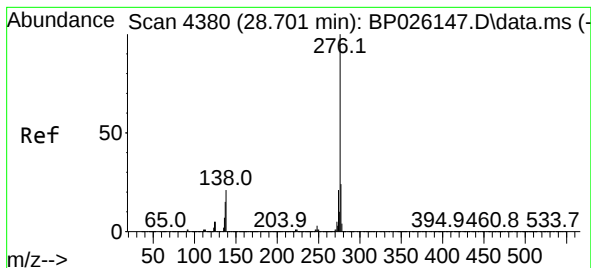
Ion Ratio Lower Upper

264 100

260 24.4 18.7 28.1

265 24.1 17.5 26.3





#87

Indeno(1,2,3-cd)pyrene

Concen: 51.294 ng

RT: 28.583 min Scan# 4380

Delta R.T. -0.000 min

Lab File: BP026305.D

Acq: 11 Dec 2025 23:26

Instrument :

BNA\_P

ClientSampleId :

PL-01-12102025MSD

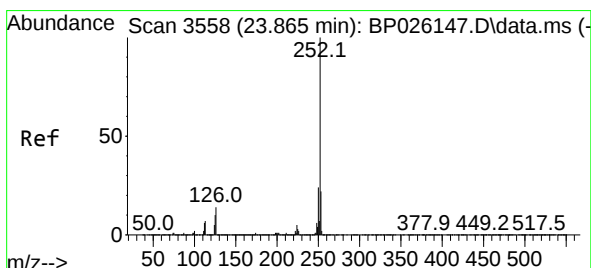
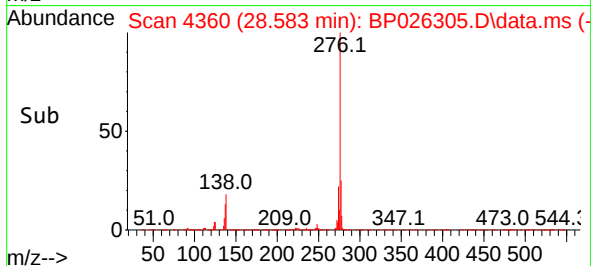
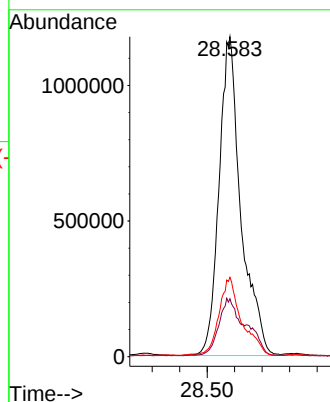
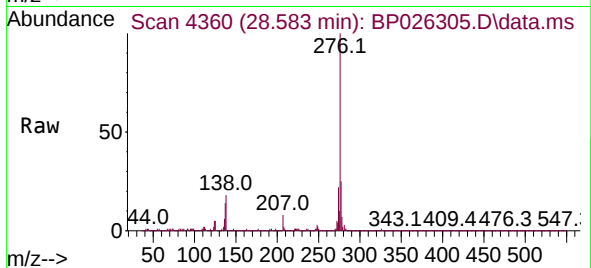
Tgt Ion:276 Resp: 6520226

Ion Ratio Lower Upper

276 100

138 16.1 13.8 20.8

277 25.3 16.7 25.1#



#88

Benzo(b)fluoranthene

Concen: 62.365 ng

RT: 23.789 min Scan# 3545

Delta R.T. -0.006 min

Lab File: BP026305.D

Acq: 11 Dec 2025 23:26

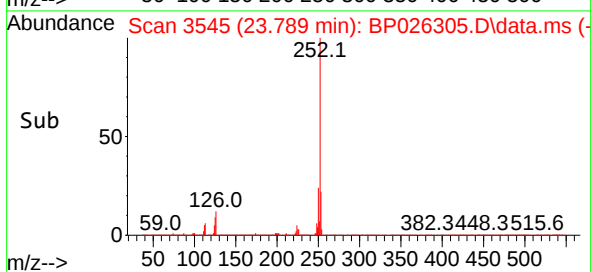
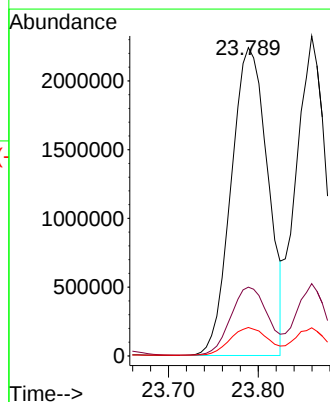
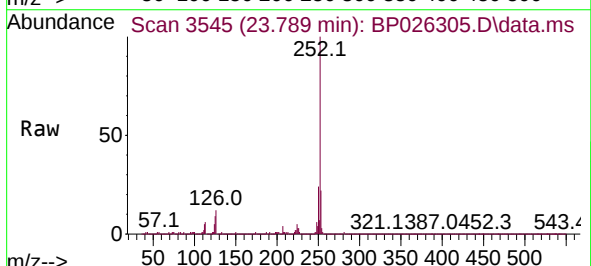
Tgt Ion:252 Resp: 6374966

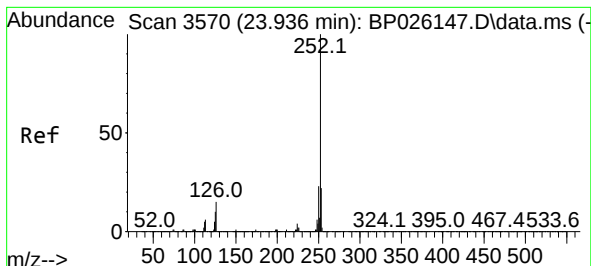
Ion Ratio Lower Upper

252 100

253 22.3 17.6 26.4

125 9.2 8.2 12.4





#89

Benzo(k)fluoranthene

Concen: 52.353 ng

RT: 23.860 min Scan# 31

Delta R.T. -0.006 min

Lab File: BP026305.D

Acq: 11 Dec 2025 23:26

Instrument :

BNA\_P

ClientSampleId :

PL-01-12102025MSD

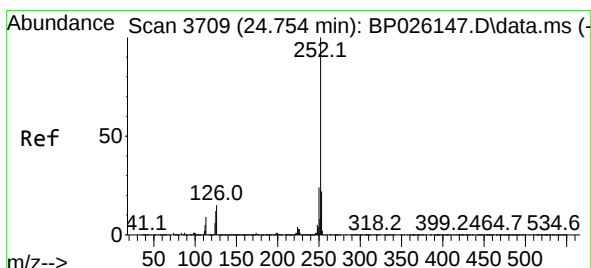
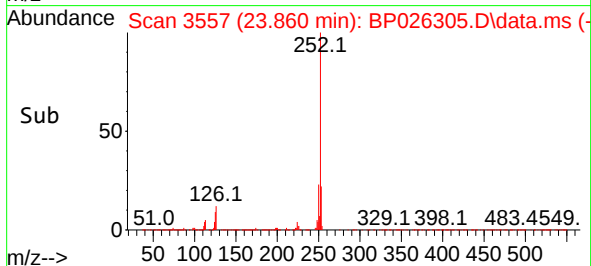
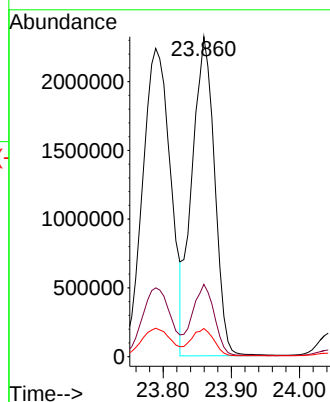
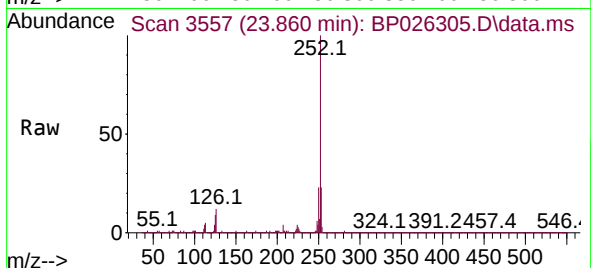
Tgt Ion:252 Resp: 5353156

Ion Ratio Lower Upper

252 100

253 22.6 17.6 26.4

125 8.8 7.5 11.3



#90

Benzo(a)pyrene

Concen: 61.032 ng

RT: 24.677 min Scan# 3696

Delta R.T. -0.006 min

Lab File: BP026305.D

Acq: 11 Dec 2025 23:26

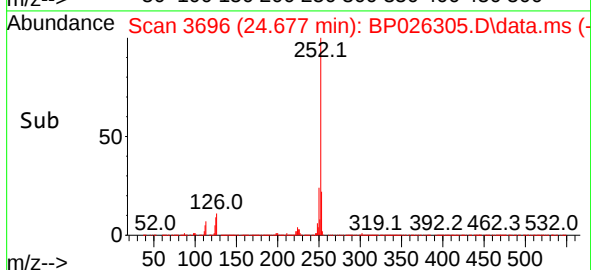
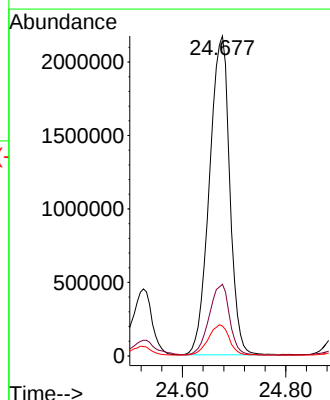
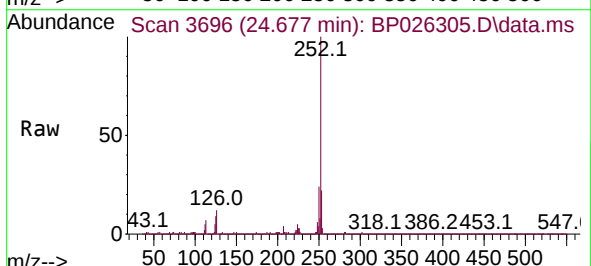
Tgt Ion:252 Resp: 5915782

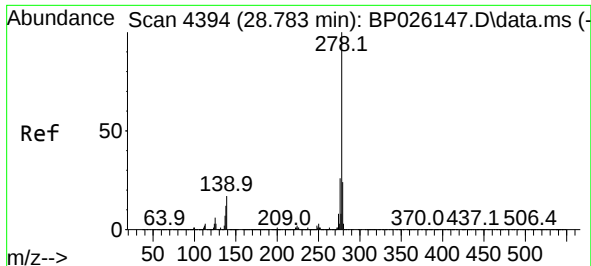
Ion Ratio Lower Upper

252 100

253 22.4 17.4 26.2

125 9.4 9.0 13.6

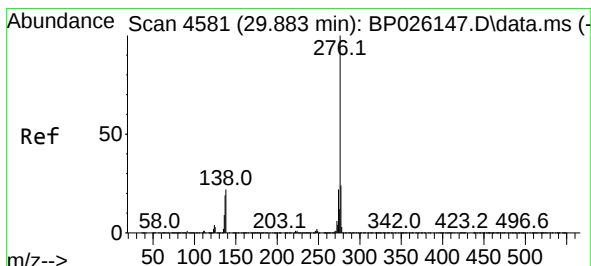
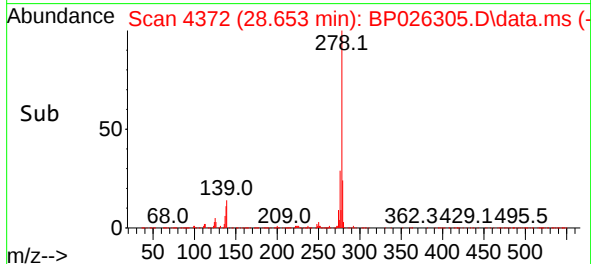
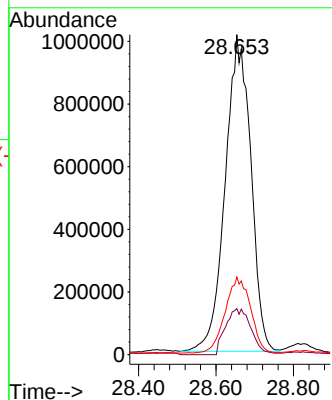
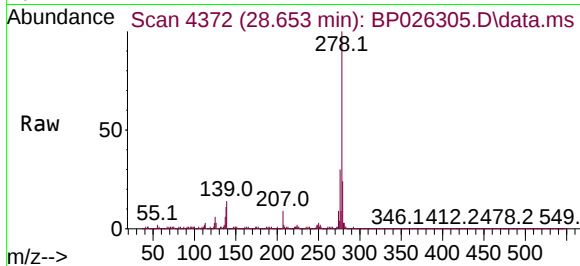




#91  
Dibenzo(a,h)anthracene  
Concen: 44.499 ng  
RT: 28.653 min Scan# 4394  
Delta R.T. 0.006 min  
Lab File: BP026305.D  
Acq: 11 Dec 2025 23:26

Instrument :  
BNA\_P  
ClientSampleId :  
PL-01-12102025MSD

Tgt Ion:278 Resp: 4626624  
Ion Ratio Lower Upper  
278 100  
139 14.4 13.2 19.8  
279 24.2 19.2 28.8



#92  
Benzo(g,h,i)perylene  
Concen: 54.438 ng  
RT: 29.742 min Scan# 4557  
Delta R.T. -0.006 min  
Lab File: BP026305.D  
Acq: 11 Dec 2025 23:26

Tgt Ion:276 Resp: 5642340  
Ion Ratio Lower Upper  
276 100  
277 24.3 18.8 28.2  
138 19.5 17.8 26.6

